

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036379.D
 Acq On : 29 Jun 2023 15:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/30/2023
 Supervised By : Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	182459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141587	54.135	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.280%			
35) Dibromofluoromethane	5.385	113	114189	53.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	8.647	98	399479	50.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	146244	52.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78153	45.243	ug/l	98
3) Chloromethane	1.294	50	120942	40.360	ug/l	100
4) Vinyl Chloride	1.374	62	170927	52.175	ug/l	99
5) Bromomethane	1.618	94	131268	54.760	ug/l	99
6) Chloroethane	1.691	64	115672	48.096	ug/l	98
7) Trichlorofluoromethane	1.886	101	217172	43.603	ug/l	99
8) Diethyl Ether	2.136	74	94248	49.019	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	99559	47.628	ug/l	95
10) Methyl Iodide	2.453	142	129209	51.013	ug/l	92
11) Tert butyl alcohol	3.001	59	140127	294.335	ug/l	100
12) 1,1-Dichloroethene	2.319	96	99856	48.156	ug/l	88
13) Acrolein	2.239	56	150330	229.922	ug/l	99
14) Allyl chloride	2.666	41	171878	51.004	ug/l	96
15) Acrylonitrile	3.068	53	320225	265.366	ug/l	99
16) Acetone	2.392	43	284745	254.713	ug/l	92
17) Carbon Disulfide	2.514	76	211349	41.500	ug/l	97
18) Methyl Acetate	2.703	43	252558	54.939	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	383256	57.191	ug/l	100
20) Methylene Chloride	2.788	84	121135	50.326	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	107197	48.445	ug/l	93
22) Diisopropyl ether	3.757	45	375581	55.621	ug/l	88
23) Vinyl Acetate	3.721	43	1387652	283.177	ug/l	98
24) 1,1-Dichloroethane	3.605	63	208909	52.496	ug/l	99
25) 2-Butanone	4.562	43	431299	268.520	ug/l	95
26) 2,2-Dichloropropane	4.477	77	156667	55.509	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	132794	53.512	ug/l	93
28) Bromochloromethane	4.897	49	101538	49.198	ug/l	89
29) Tetrahydrofuran	5.013	42	277520	271.383	ug/l	94
30) Chloroform	5.093	83	218509	54.516	ug/l	96
31) Cyclohexane	5.464	56	151757	45.279	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	178701	53.374	ug/l	100
36) 1,1-Dichloropropene	5.690	75	147586	46.583	ug/l	98
37) Ethyl Acetate	4.715	43	175822	54.449	ug/l	98
38) Carbon Tetrachloride	5.672	117	149915	51.808	ug/l	95
39) Methylcyclohexane	7.379	83	160862	42.390	ug/l	93
40) Benzene	6.037	78	456009	51.524	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	95406	53.259	ug/l	93
42) 1,2-Dichloroethane	6.086	62	181668	53.966	ug/l	98
43) Isopropyl Acetate	6.336	43	288363	55.978	ug/l	97
44) Trichloroethene	7.123	130	120745	49.049	ug/l	98
45) 1,2-Dichloropropane	7.427	63	127016	52.694	ug/l	96
46) Dibromomethane	7.580	93	91429	53.885	ug/l	94
47) Bromodichloromethane	7.818	83	169218	55.149	ug/l	97
48) Methyl methacrylate	7.690	41	141652	55.150	ug/l	91
49) 1,4-Dioxane	7.708	88	63255	1110.913	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	899158	270.926	ug/l	98
52) Toluene	8.714	92	282383	50.346	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	185374	59.808	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202193	57.707	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	126166	54.124	ug/l	92
56) Ethyl methacrylate	9.116	69	196607	56.389	ug/l	97
57) 1,3-Dichloropropane	9.305	76	212938	53.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	522234	266.520	ug/l	99
59) 2-Hexanone	9.433	43	668813	275.960	ug/l	97
60) Dibromochloromethane	9.519	129	129242	57.065	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134786	54.485	ug/l	100
64) Tetrachloroethene	9.275	164	104091	50.813	ug/l	97
65) Chlorobenzene	10.079	112	314134	51.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	119054	57.753	ug/l	99
67) Ethyl Benzene	10.195	91	542912	50.073	ug/l	97
68) m/p-Xylenes	10.299	106	415398	98.612	ug/l	96
69) o-Xylene	10.640	106	208100	51.157	ug/l	97
70) Styrene	10.653	104	344694	51.753	ug/l	97
71) Bromoform	10.799	173	90838	61.436	ug/l #	98
73) Isopropylbenzene	10.963	105	513189	48.602	ug/l	97
74) N-amyl acetate	10.842	43	249667	59.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	191773	53.632	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156718m	52.437	ug/l	
77) Bromobenzene	11.195	156	134786	51.913	ug/l	90
78) n-propylbenzene	11.305	91	586943	47.596	ug/l	98
79) 2-Chlorotoluene	11.366	91	360206	49.103	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	438197	49.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	54916	59.897	ug/l	91
82) 4-Chlorotoluene	11.451	91	423217	49.554	ug/l	96
83) tert-Butylbenzene	11.713	119	418667	48.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	438680	49.586	ug/l	97
85) sec-Butylbenzene	11.890	105	502364	46.272	ug/l	99
86) p-Isopropyltoluene	12.006	119	432064	47.420	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	242887	50.881	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	244192	50.237	ug/l	98
89) n-Butylbenzene	12.329	91	367470	45.317	ug/l	98
90) Hexachloroethane	12.536	117	69276	50.200	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	245463	52.222	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40479	59.600	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	152625	52.717	ug/l	96
94) Hexachlorobutadiene	13.725	225	51634	43.546	ug/l	99
95) Naphthalene	13.774	128	531290	55.547	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151991	53.819	ug/l	98

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VSTDCCC050EC

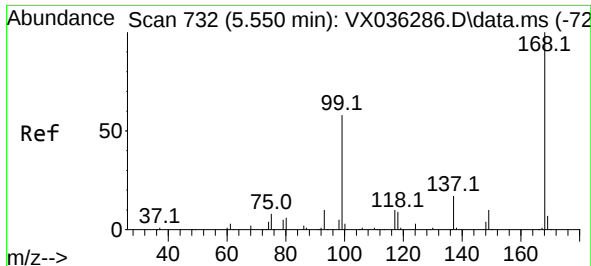
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

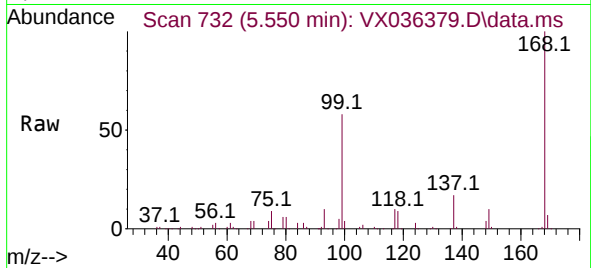
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

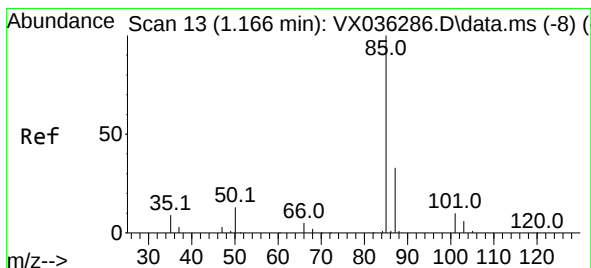
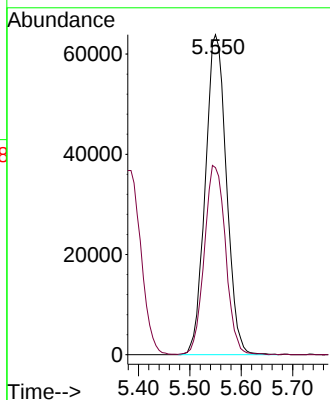
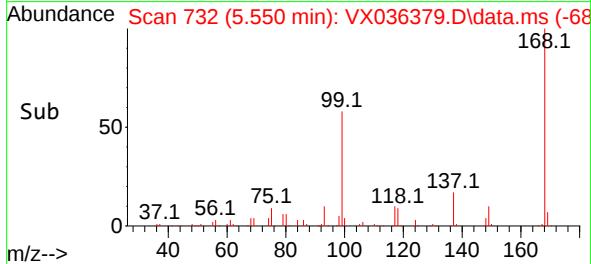
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



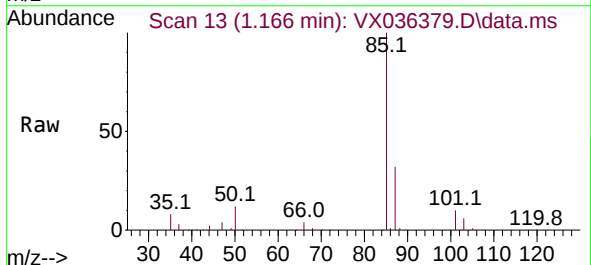
Tgt Ion:168 Resp: 182459
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0

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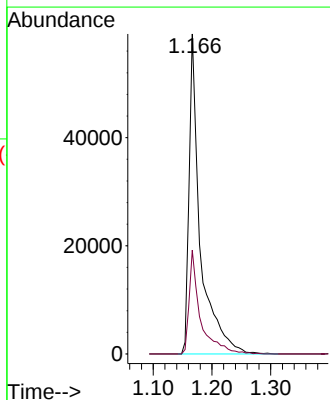
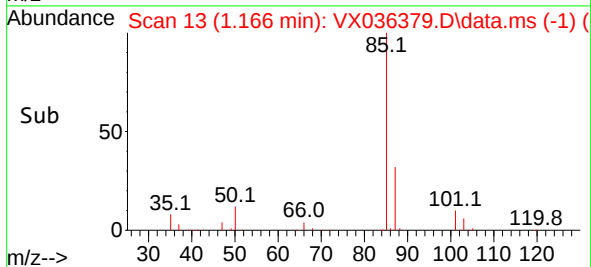
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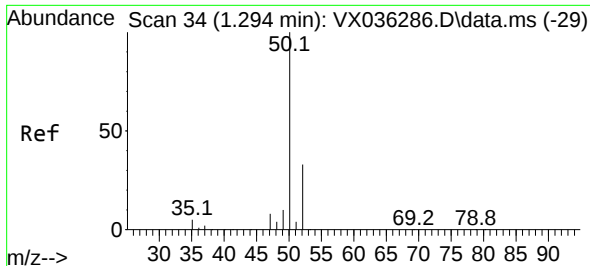


#2
Dichlorodifluoromethane
Concen: 45.243 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



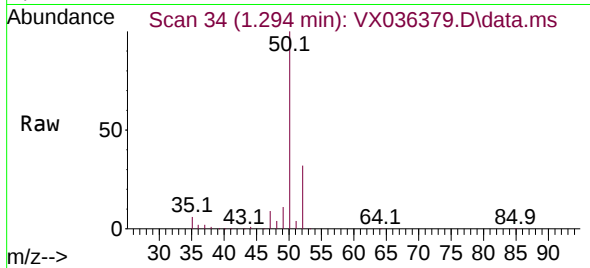
Tgt Ion: 85 Resp: 78153
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3
Chloromethane
Concen: 40.360 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

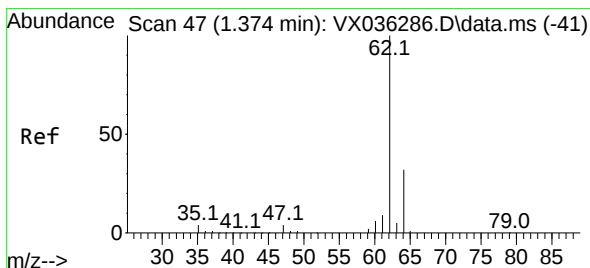
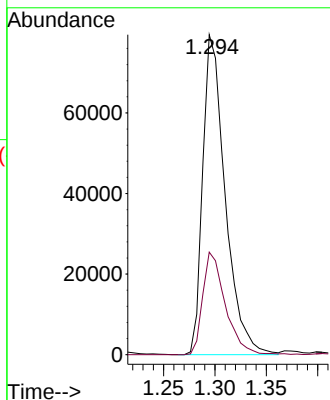
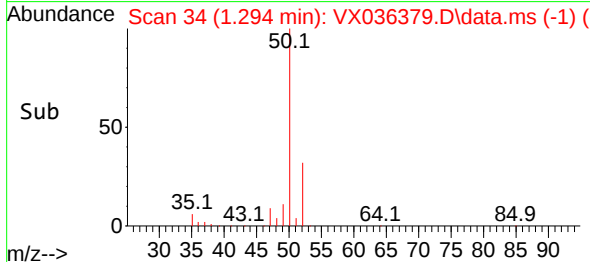
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 12094
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

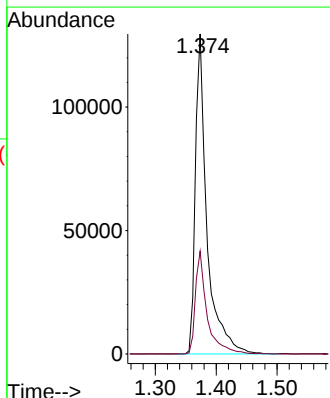
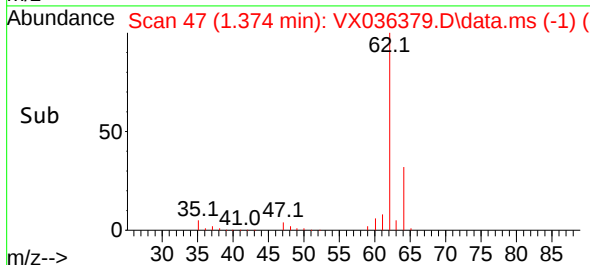
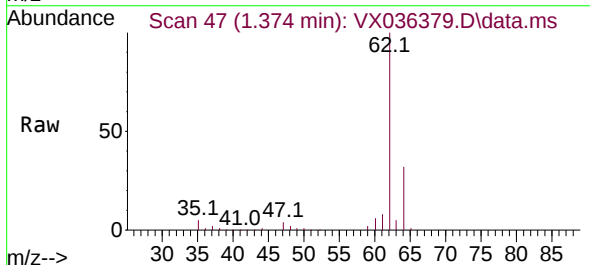
Manual Integrations
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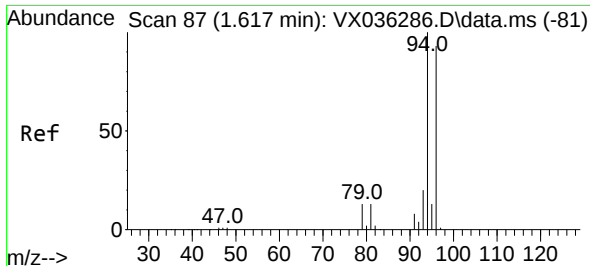
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#4
Vinyl Chloride
Concen: 52.175 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion: 62 Resp: 170927
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





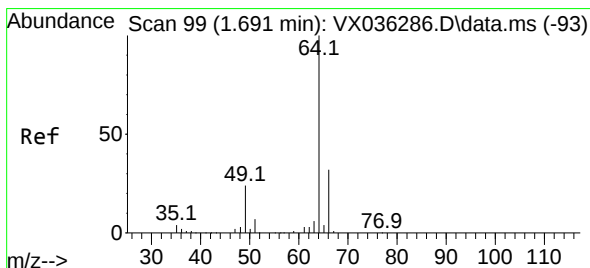
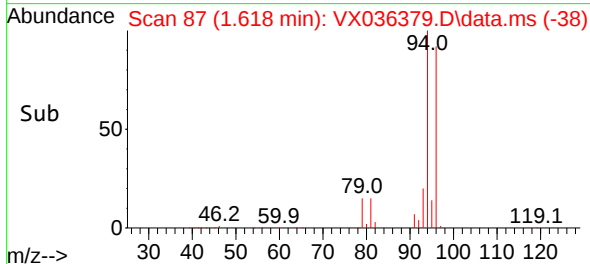
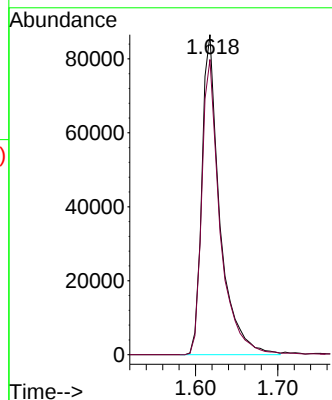
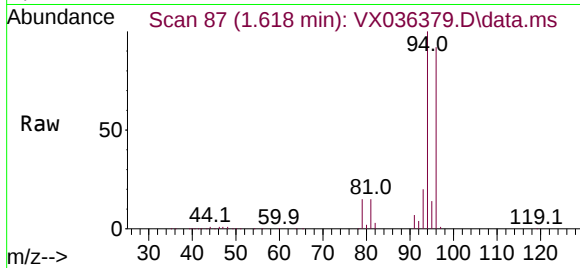
#5
Bromomethane
Concen: 54.760 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 131268
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8

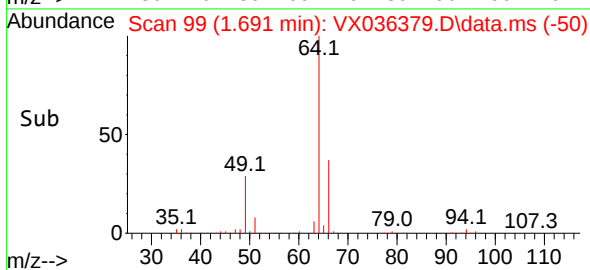
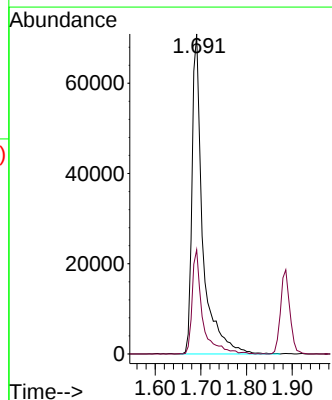
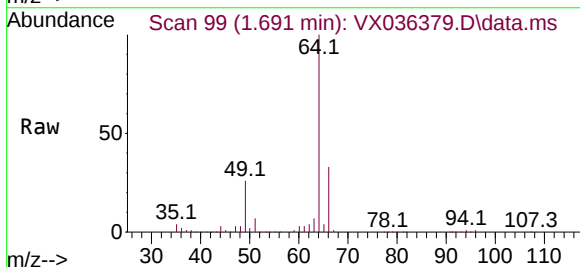
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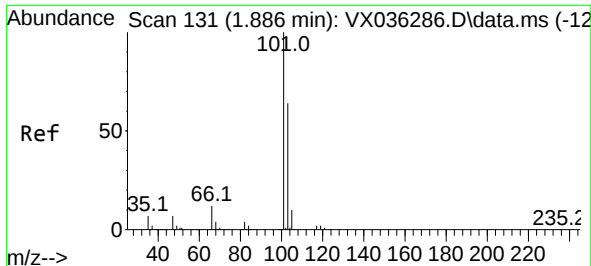
Reviewed By :John Carlone 06/30/2023
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#6
Chloroethane
Concen: 48.096 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

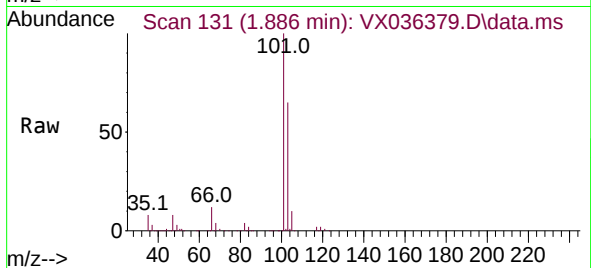
Tgt Ion: 64 Resp: 115672
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 43.603 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40

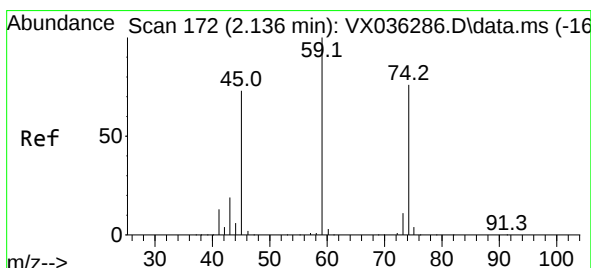
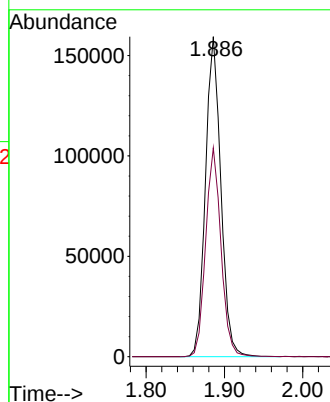
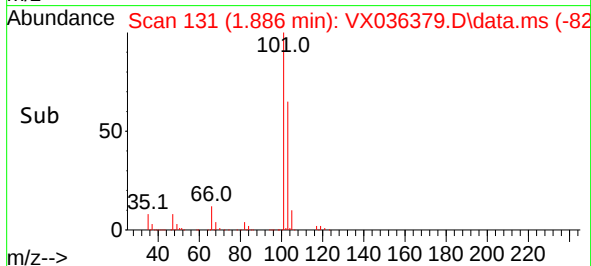
Instrument :
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Tgt Ion: 101 Resp: 21717
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2

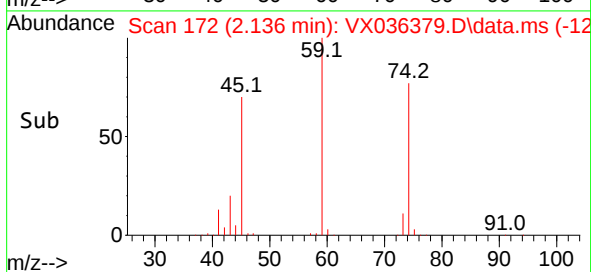
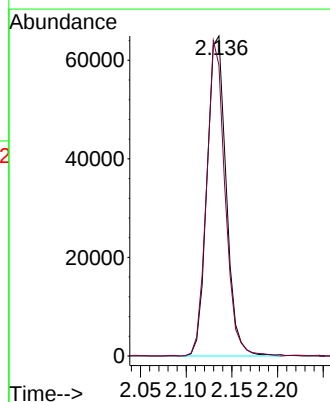
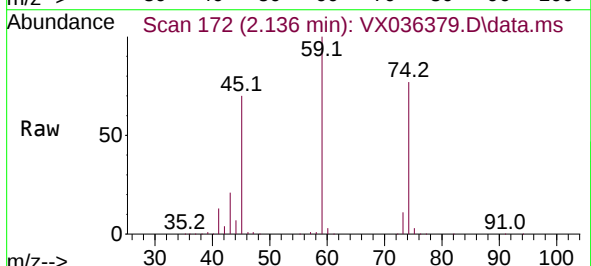
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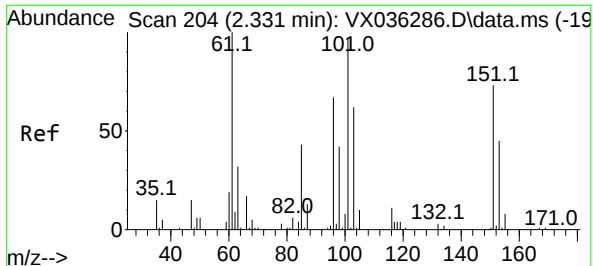
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#8
 Diethyl Ether
 Concen: 49.019 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 94248
 Ion Ratio Lower Upper
 74 100
 45 95.8 53.3 159.8





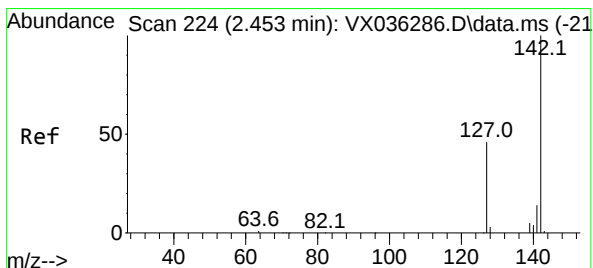
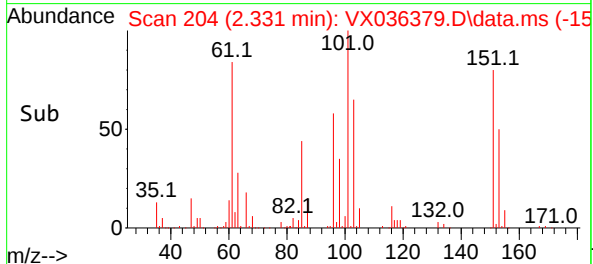
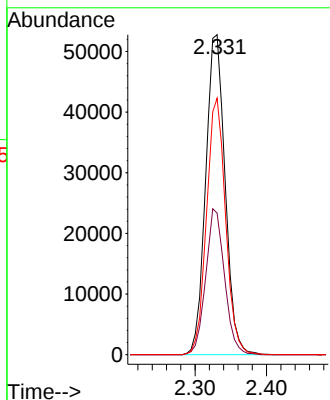
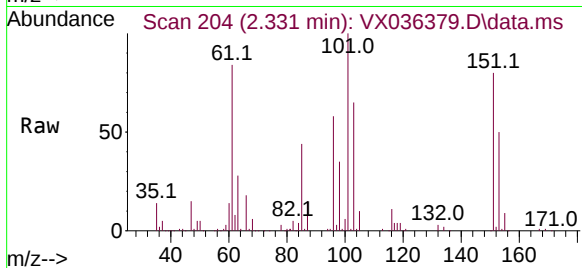
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.628 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9955
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 78.5 58.6 87.8

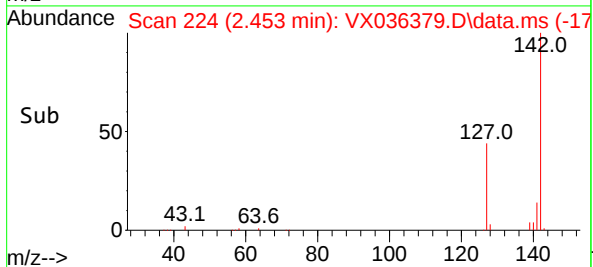
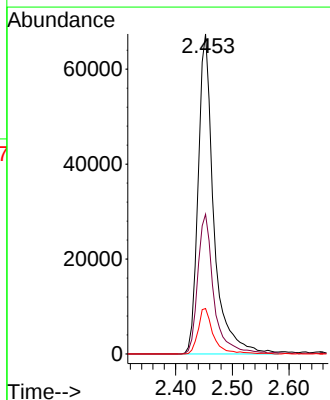
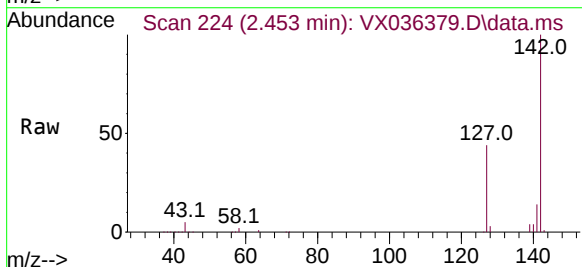
Manual Integrations
APPROVED

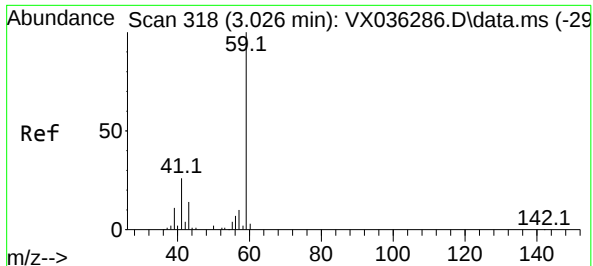
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#10
Methyl Iodide
Concen: 51.013 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

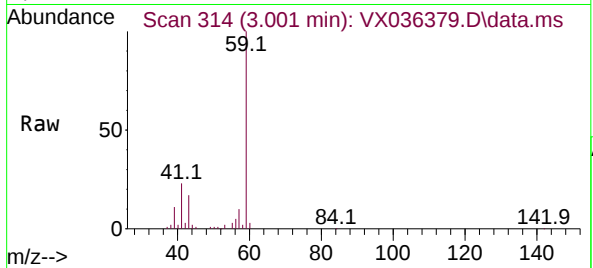
Tgt Ion:142 Resp: 129209
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 294.335 ug/l
RT: 3.001 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

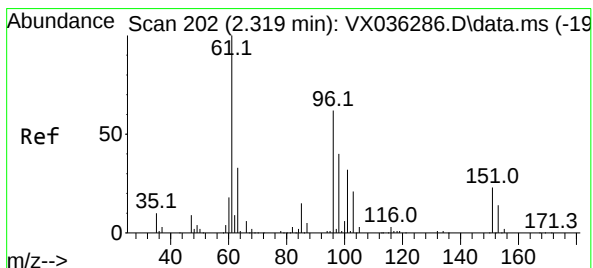
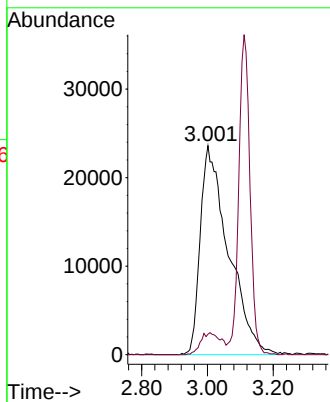
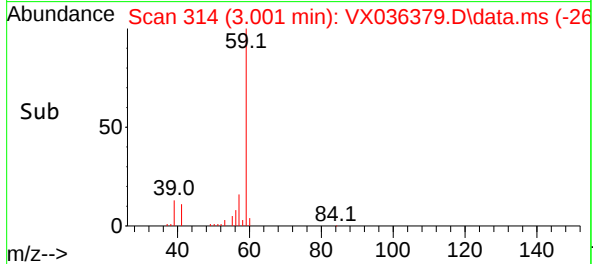
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



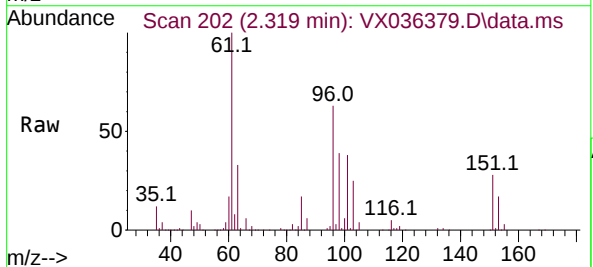
Tgt Ion: 59 Resp: 14012
Ion Ratio Lower Upper
59 100
57 7.6 6.0 9.0

Manual Integrations
APPROVED

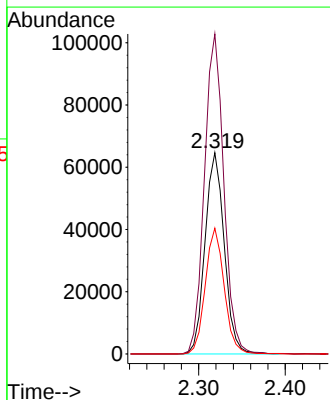
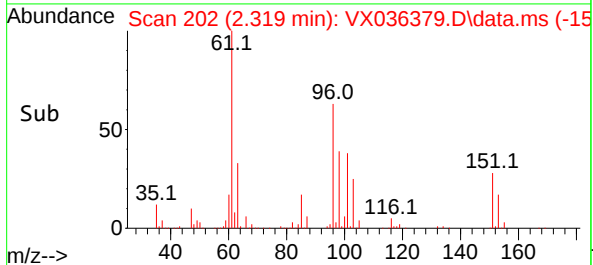
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

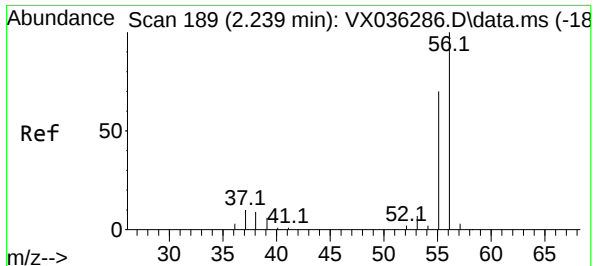


#12
1,1-Dichloroethene
Concen: 48.156 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



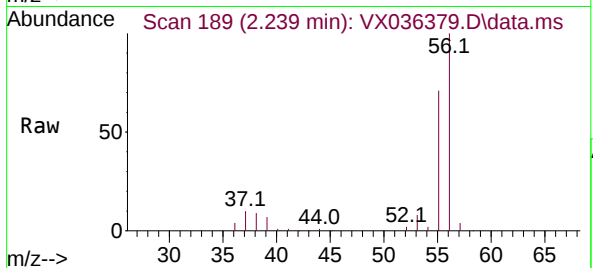
Tgt Ion: 96 Resp: 99856
Ion Ratio Lower Upper
96 100
61 159.0 144.6 216.8
98 62.5 50.4 75.6





#13
Acrolein
Concen: 229.922 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

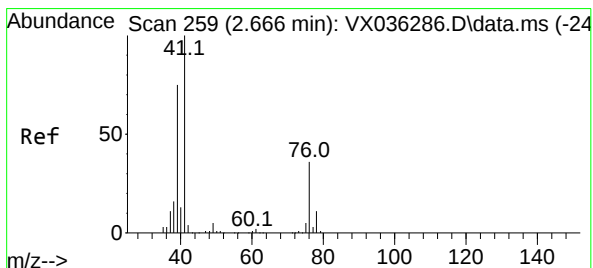
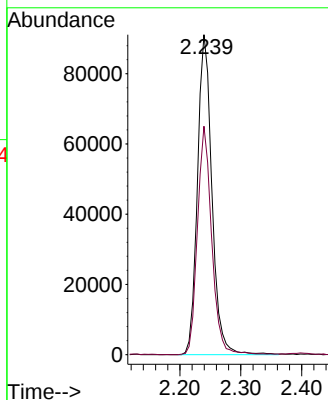
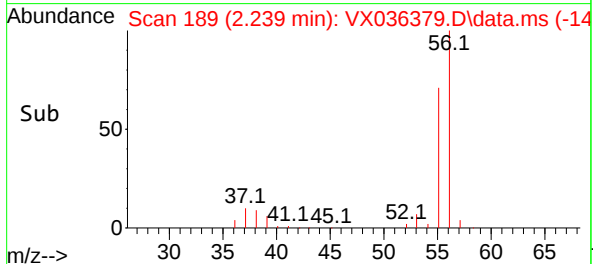
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



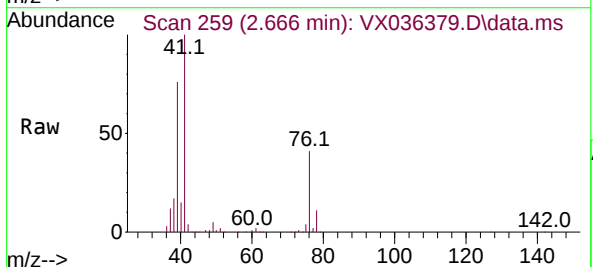
Tgt Ion: 56 Resp: 150330
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

Manual Integrations
APPROVED

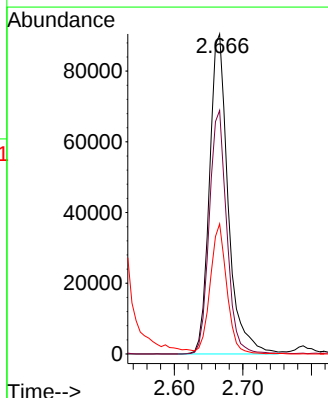
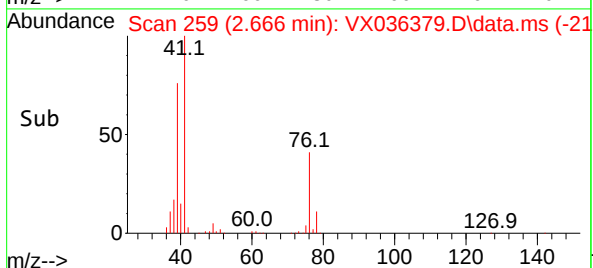
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

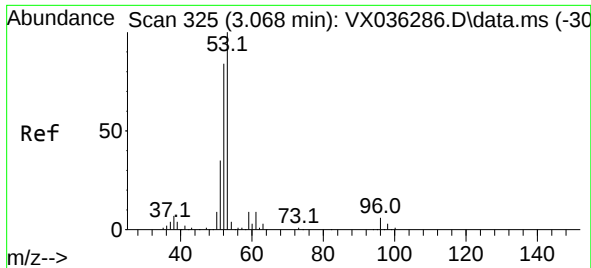


#14
Allyl chloride
Concen: 51.004 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



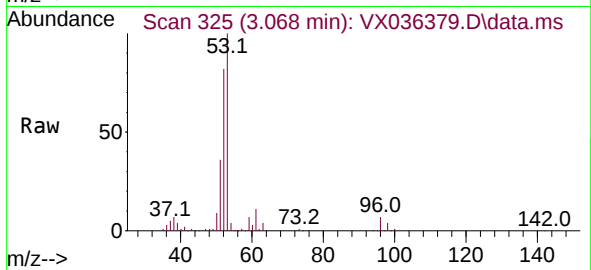
Tgt Ion: 41 Resp: 171878
Ion Ratio Lower Upper
41 100
39 71.0 55.8 83.6
76 35.8 24.3 36.5





#15
Acrylonitrile
Concen: 265.366 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

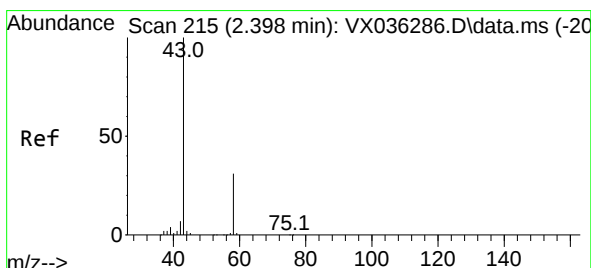
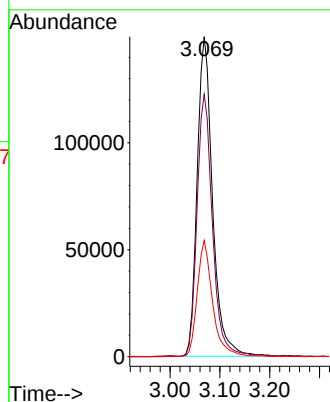
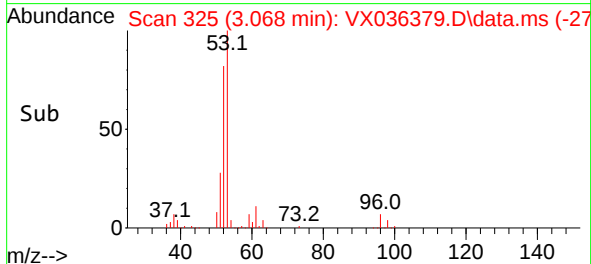
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



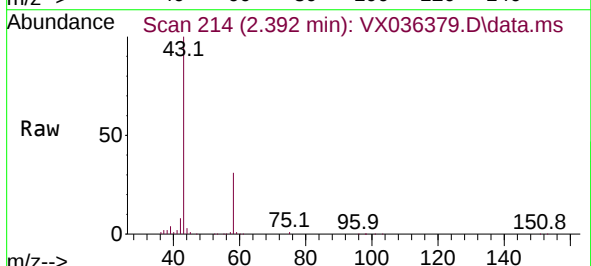
Tgt Ion: 53 Resp: 320225
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.2 29.8 44.6

Manual Integrations
APPROVED

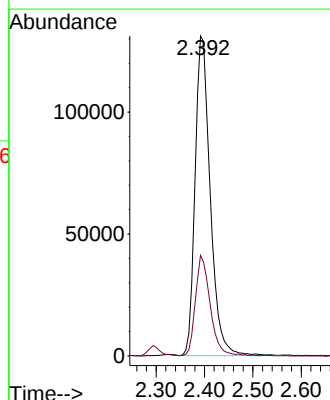
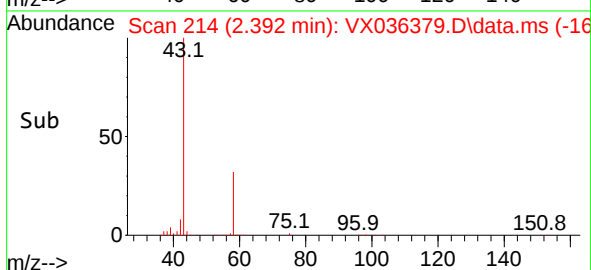
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

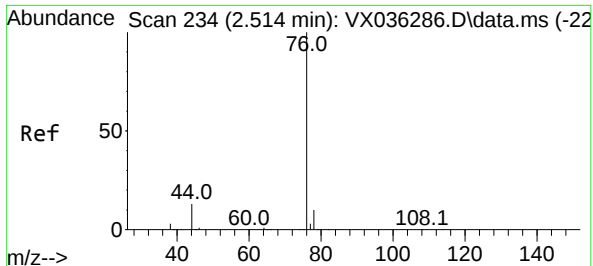


#16
Acetone
Concen: 254.713 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



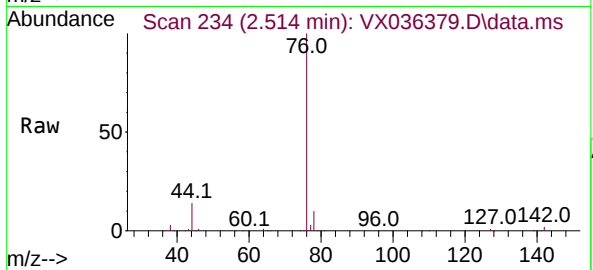
Tgt Ion: 43 Resp: 284745
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#17
Carbon Disulfide
Concen: 41.500 ug/l
RT: 2.514 min Scan# 211349
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

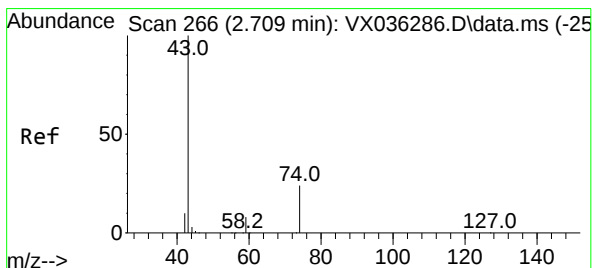
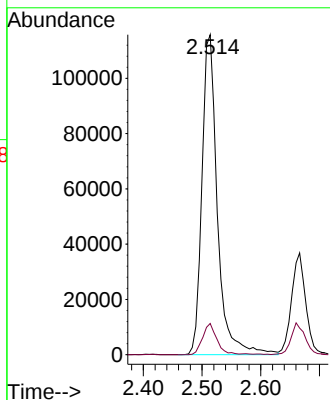
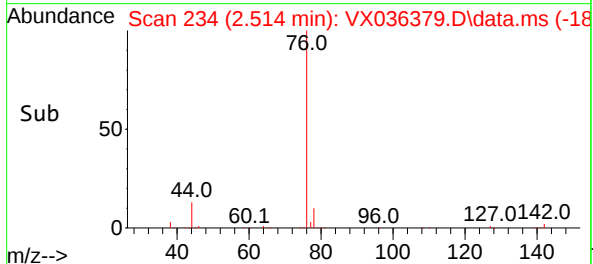
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



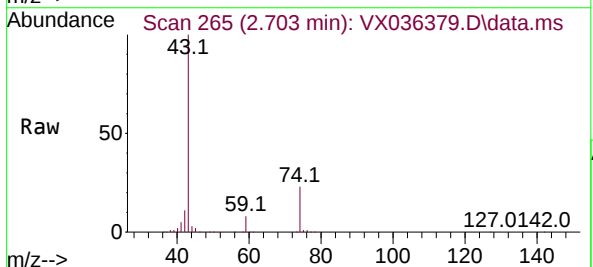
Tgt Ion: 76 Resp: 211349
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

Manual Integrations
APPROVED

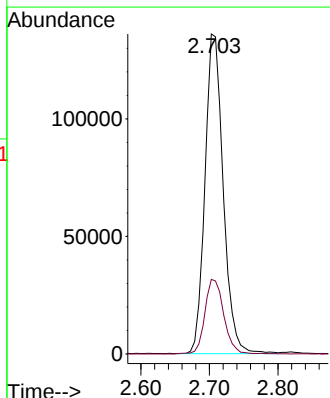
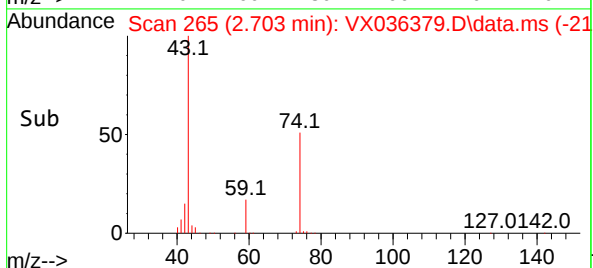
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

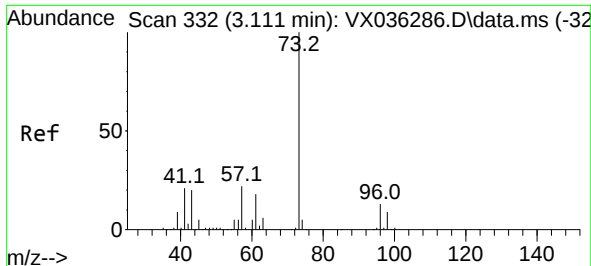


#18
Methyl Acetate
Concen: 54.939 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



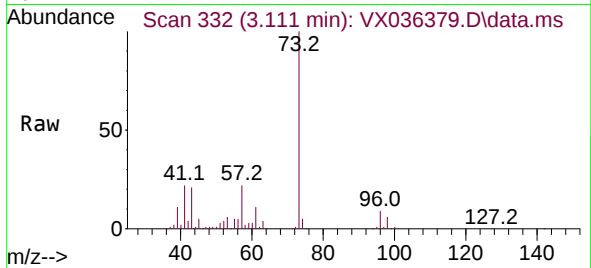
Tgt Ion: 43 Resp: 252558
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 57.191 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

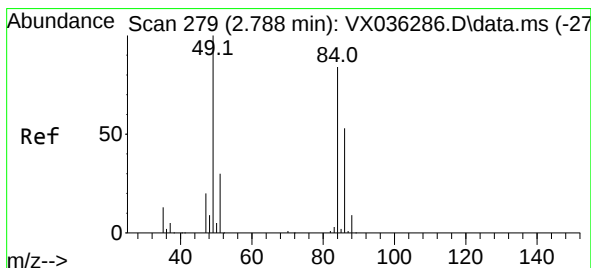
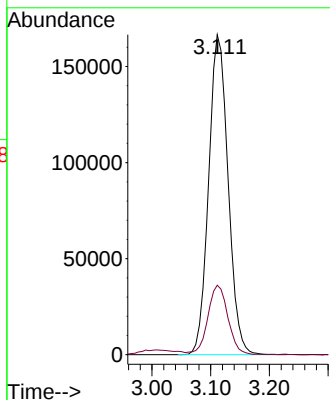
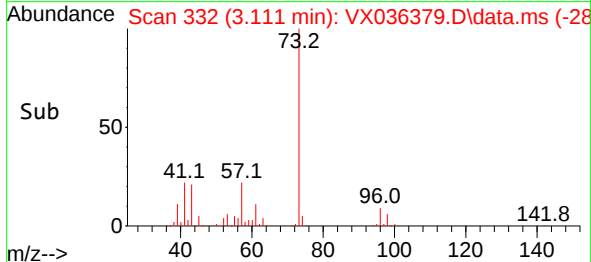
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 383250
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

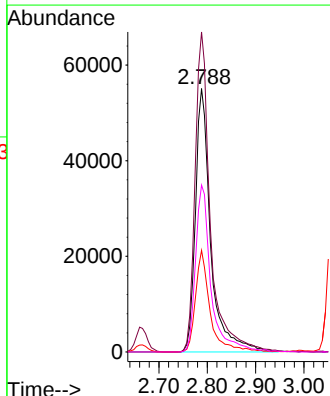
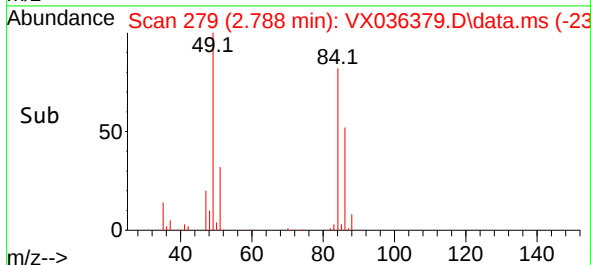
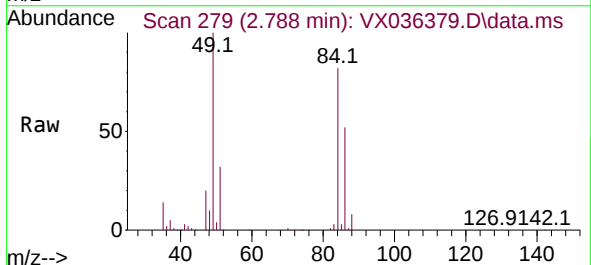
Manual Integrations
APPROVED

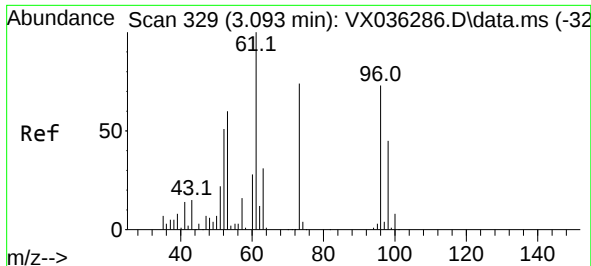
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#20
Methylene Chloride
Concen: 50.326 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

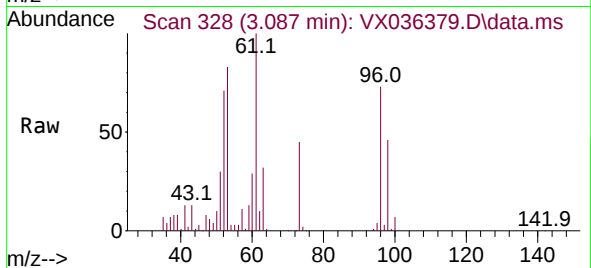
Tgt Ion: 84 Resp: 121135
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 38.6 33.8 50.6
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.445 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

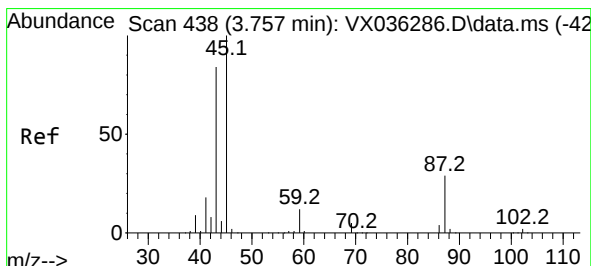
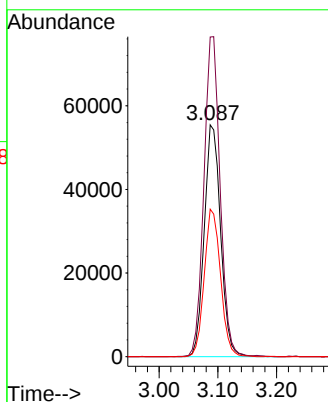
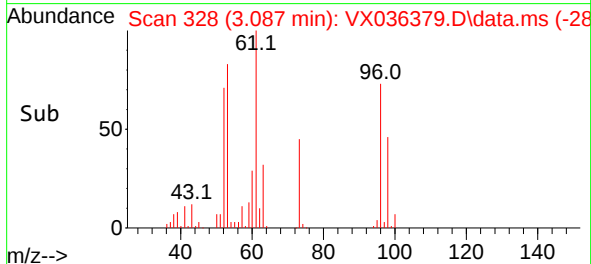
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 10719
Ion Ratio Lower Upper
96 100
61 137.9 119.2 178.8
98 63.6 48.7 73.1

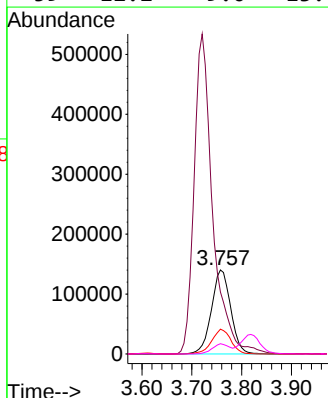
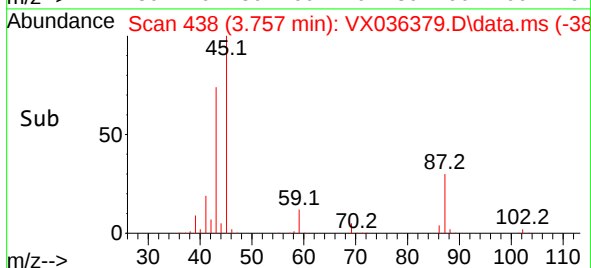
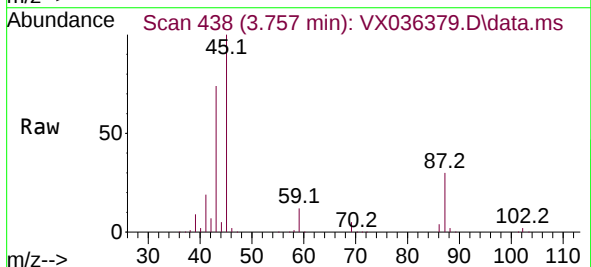
Manual Integrations
APPROVED

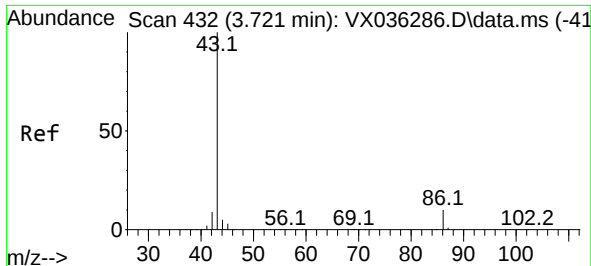
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#22
Diisopropyl ether
Concen: 55.621 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

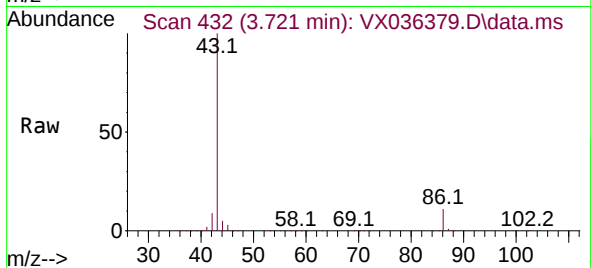
Tgt Ion: 45 Resp: 375581
Ion Ratio Lower Upper
45 100
43 73.1 69.7 104.5
87 29.5 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 283.177 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40

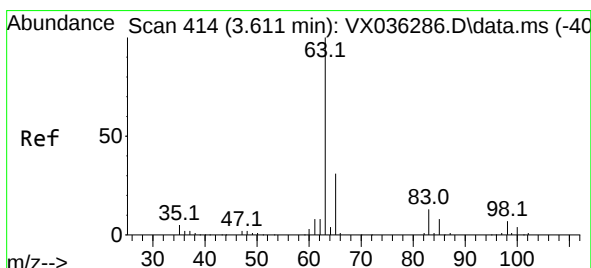
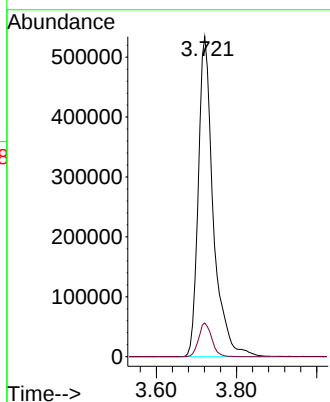
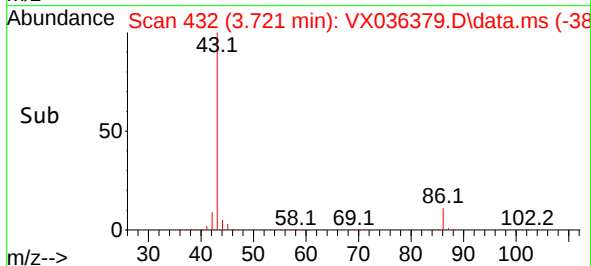
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



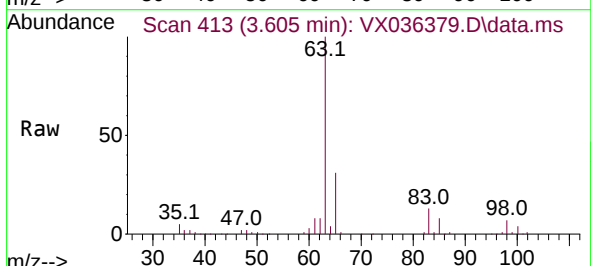
Tgt Ion: 43 Resp: 138765
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

Manual Integrations
 APPROVED

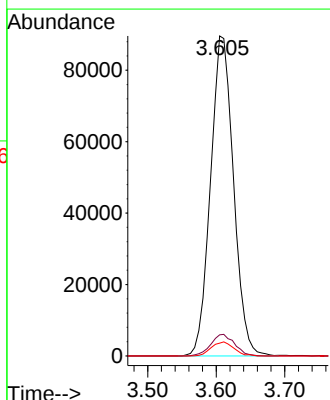
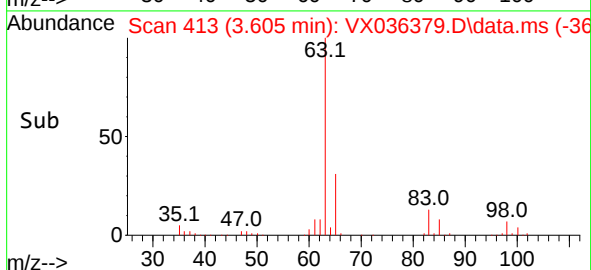
Reviewed By :John Carlone 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

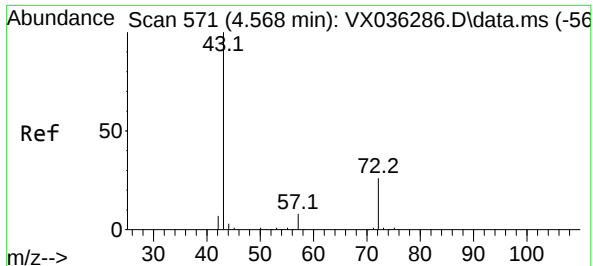


#24
 1,1-Dichloroethane
 Concen: 52.496 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40



Tgt Ion: 63 Resp: 208909
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 268.520 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 431299

Ion Ratio Lower Upper

43 100

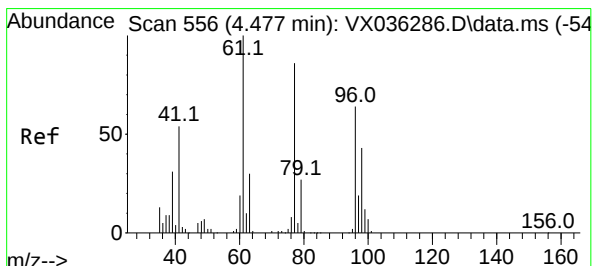
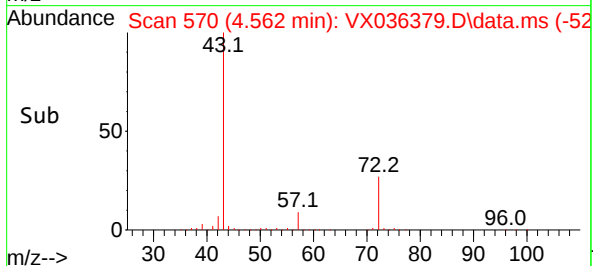
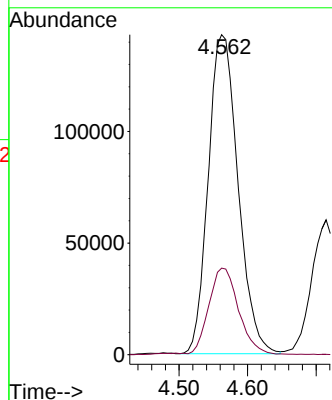
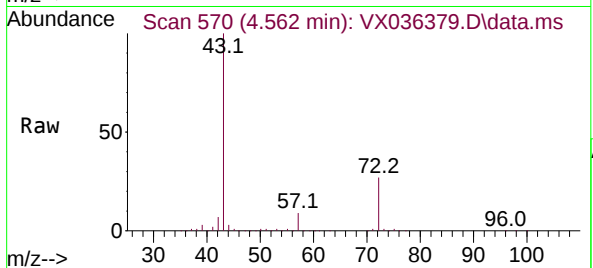
72 26.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#26

2,2-Dichloropropane

Concen: 55.509 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX036379.D

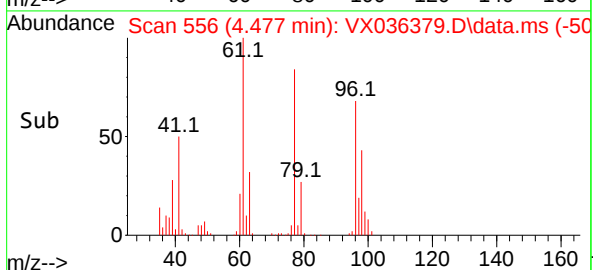
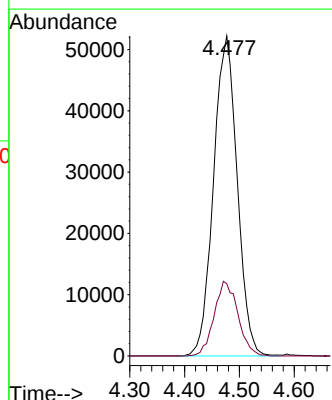
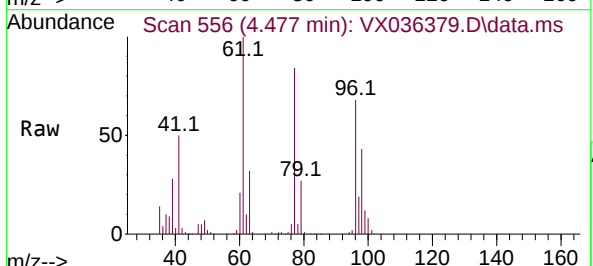
Acq: 29 Jun 2023 15:40

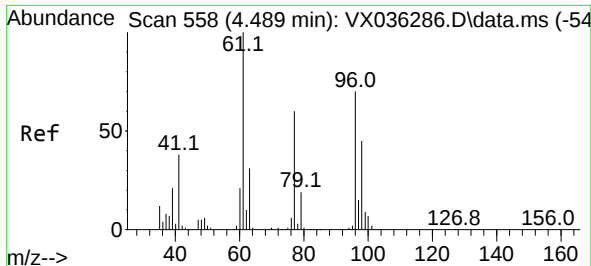
Tgt Ion: 77 Resp: 156667

Ion Ratio Lower Upper

77 100

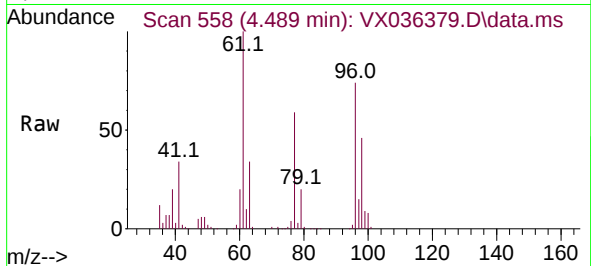
97 23.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.512 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40

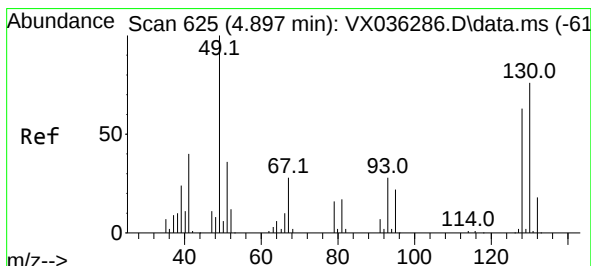
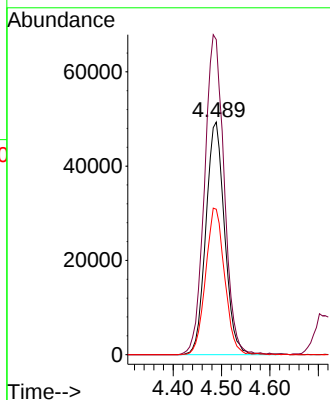
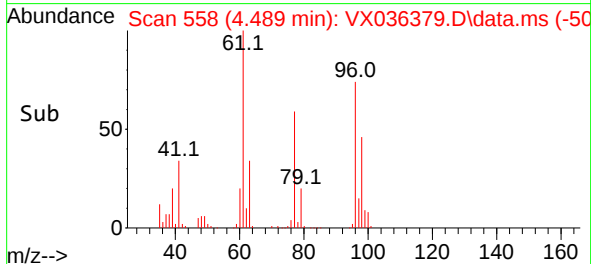
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



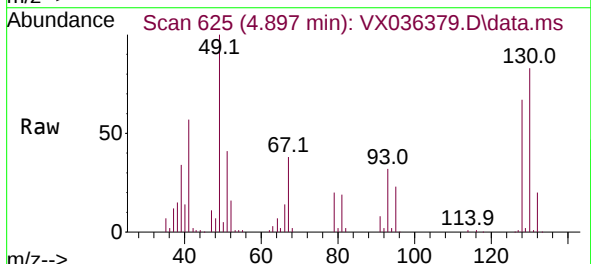
Tgt Ion: 96 Resp: 132794
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 312.2
 98 63.9 0.0 129.0

Manual Integrations
 APPROVED

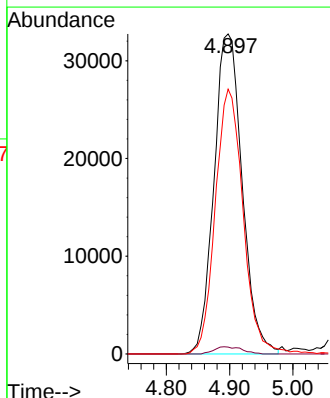
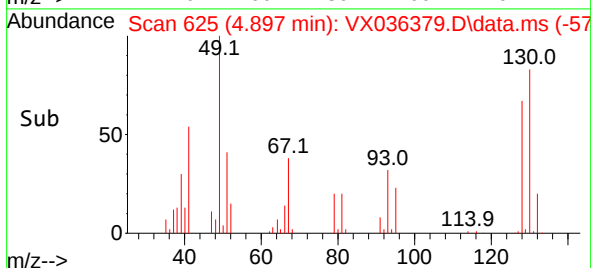
Reviewed By :John Carlone 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

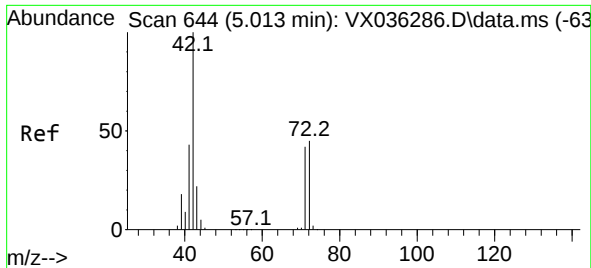


#28
 Bromochloromethane
 Concen: 49.198 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40



Tgt Ion: 49 Resp: 101538
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 81.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 271.383 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

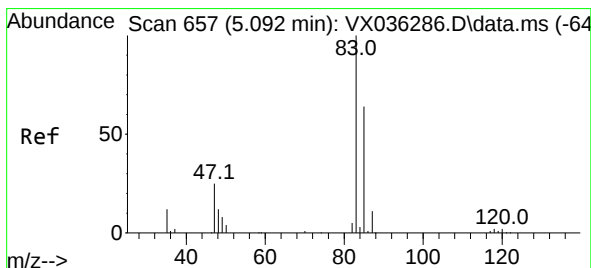
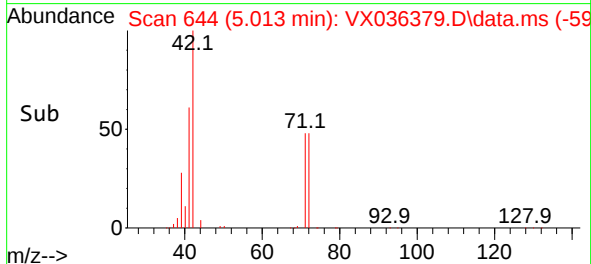
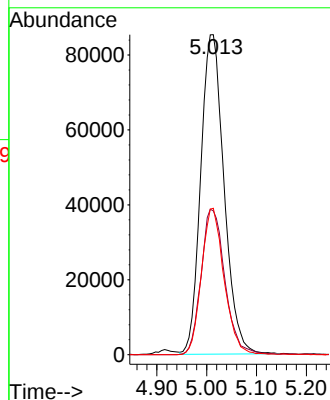
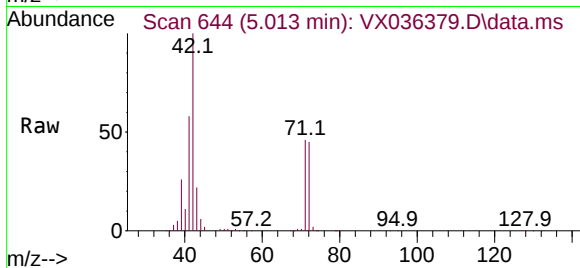
Tgt Ion: 42 Resp: 277520
 Ion Ratio Lower Upper
 42 100
 72 46.5 34.2 51.4
 71 44.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#30

Chloroform

Concen: 54.516 ug/l

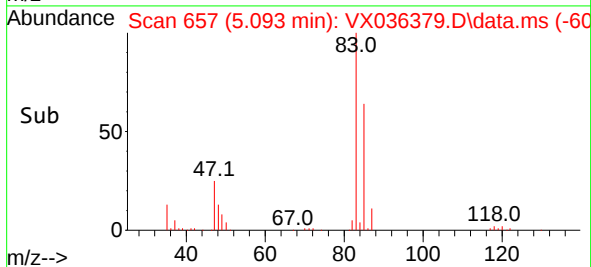
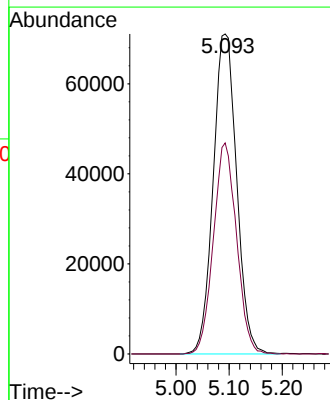
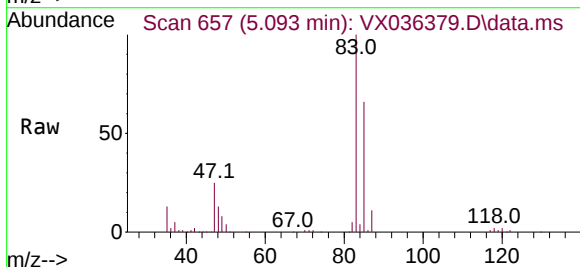
RT: 5.093 min Scan# 657

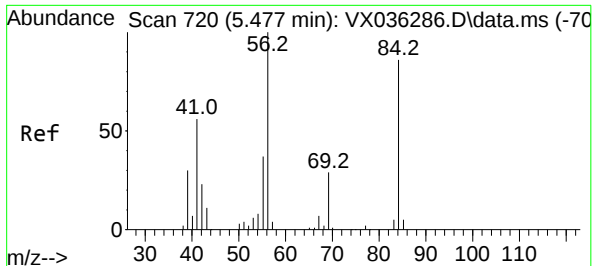
Delta R.T. 0.001 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

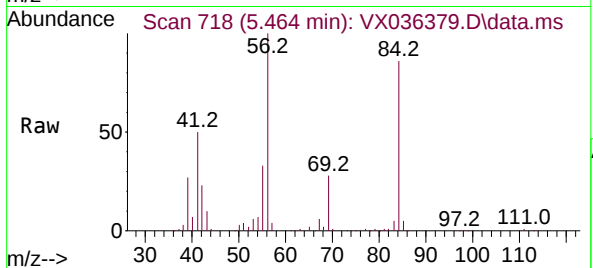
Tgt Ion: 83 Resp: 218509
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.3 75.5





#31
Cyclohexane
Concen: 45.279 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

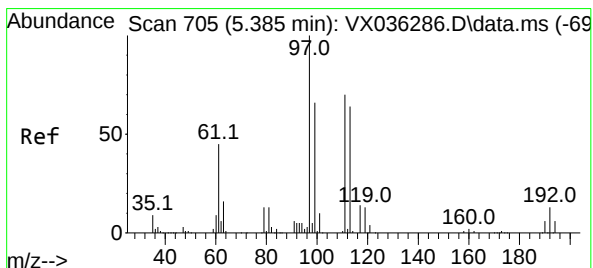
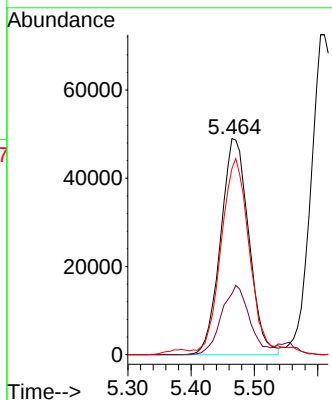
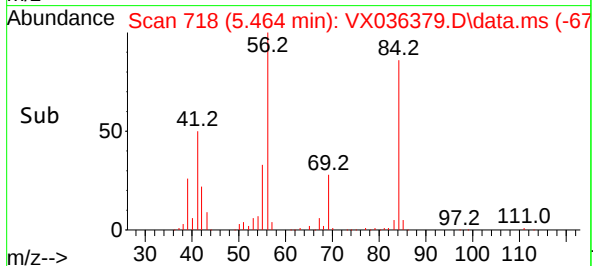
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15175
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.2
84 84.0 65.9 98.9

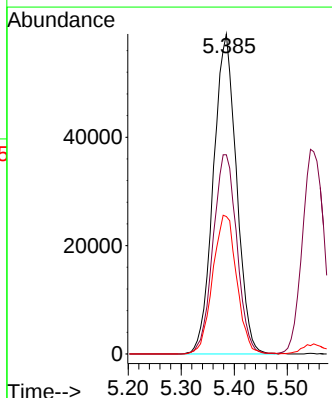
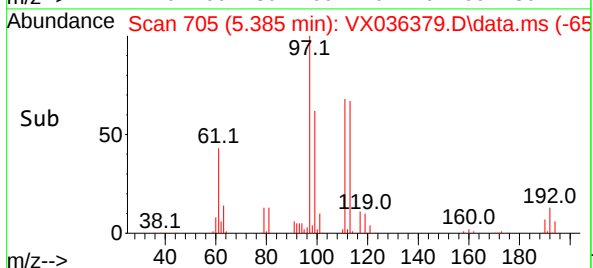
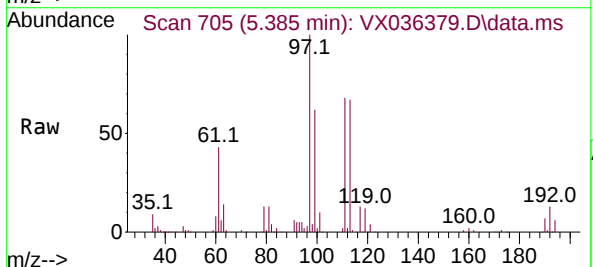
Manual Integrations
APPROVED

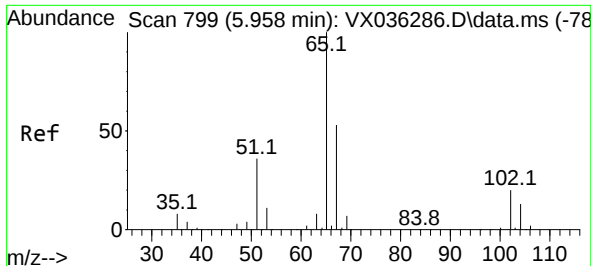
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#32
1,1,1-Trichloroethane
Concen: 53.374 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion: 97 Resp: 178701
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 45.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.135 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14158

Ion Ratio Lower Upper

65 100

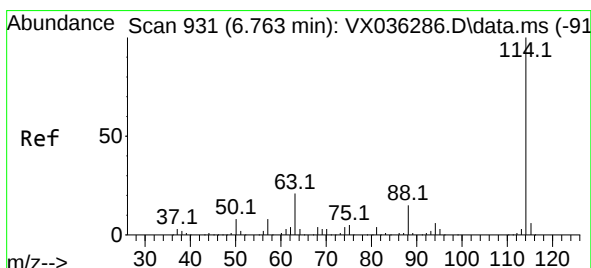
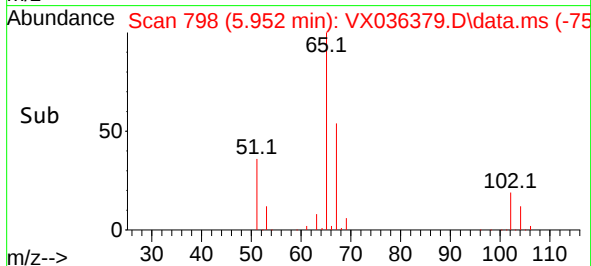
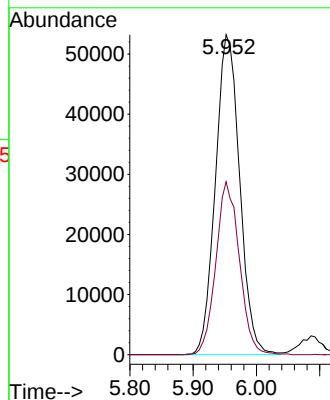
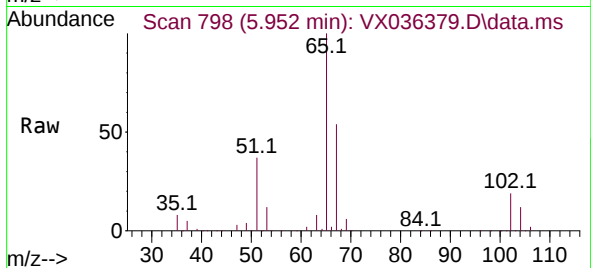
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

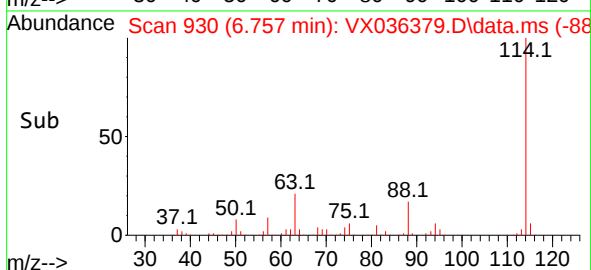
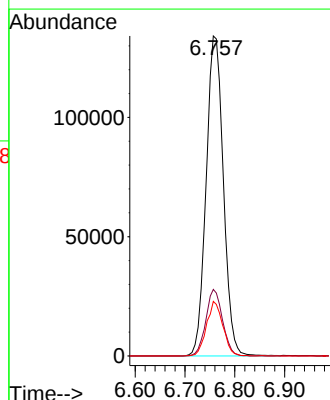
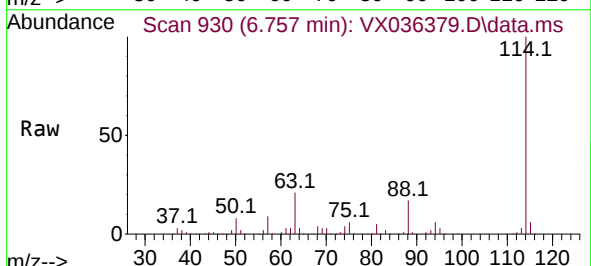
Tgt Ion:114 Resp: 322345

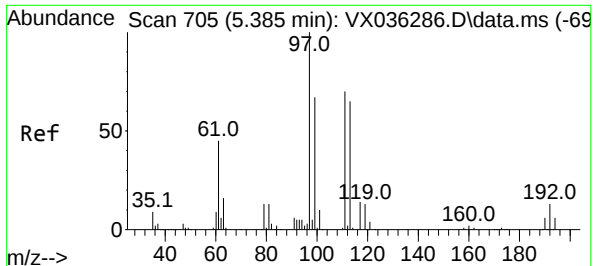
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.725 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036379.D

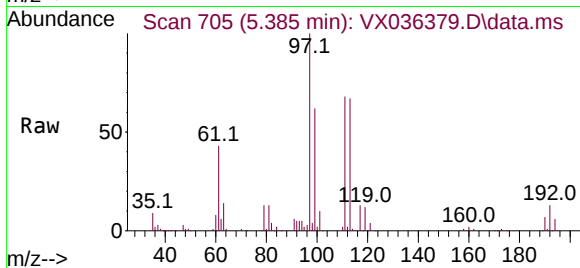
Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



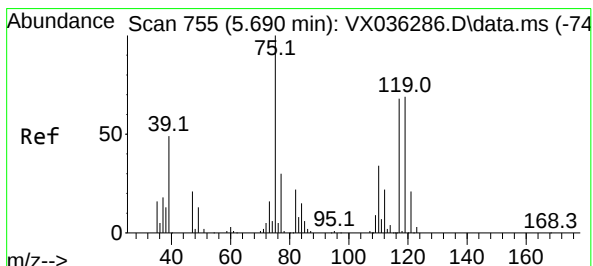
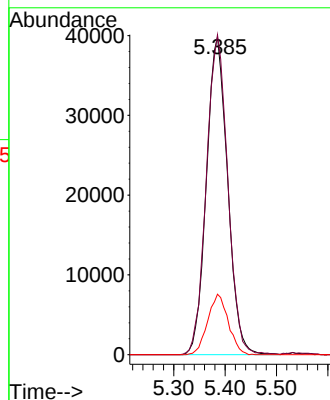
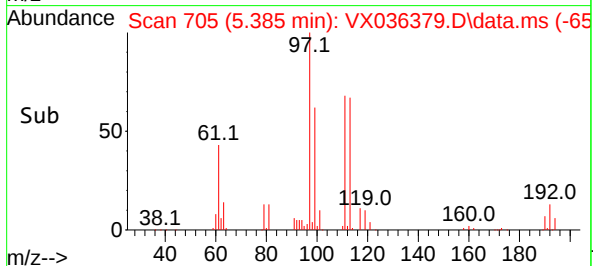
Tgt Ion:	113	Resp:	114189
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.9	124.3
192	18.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#36

1,1-Dichloropropene

Concen: 46.583 ug/l

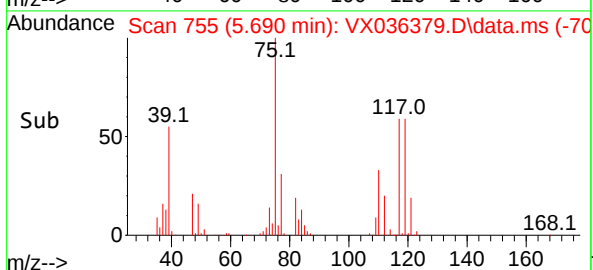
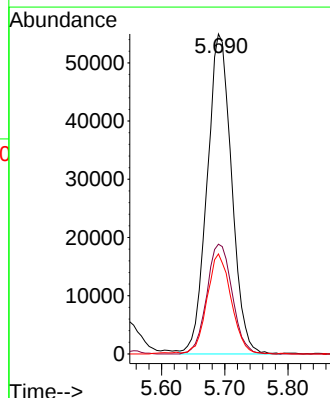
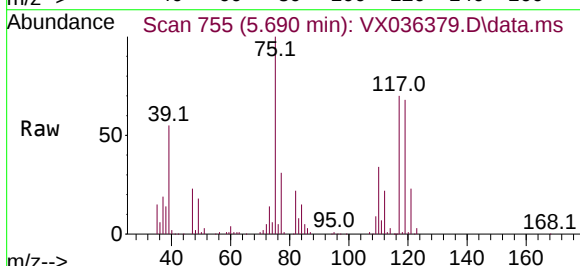
RT: 5.690 min Scan# 755

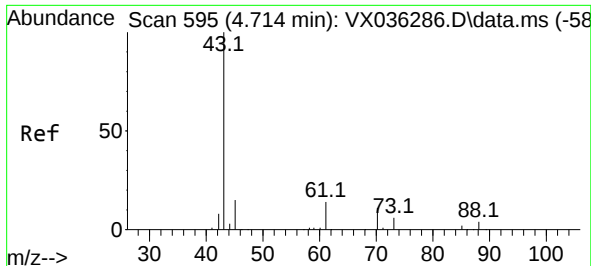
Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Tgt Ion:	75	Resp:	147586
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.0	50.9
77	30.9	24.7	37.1





#37

Ethyl Acetate

Concen: 54.449 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17582

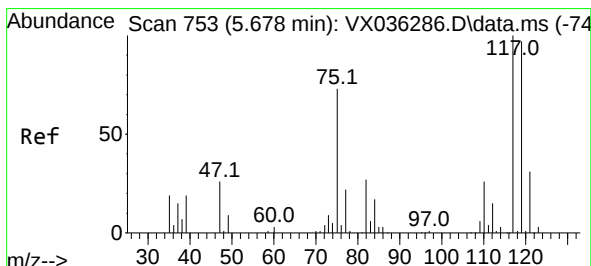
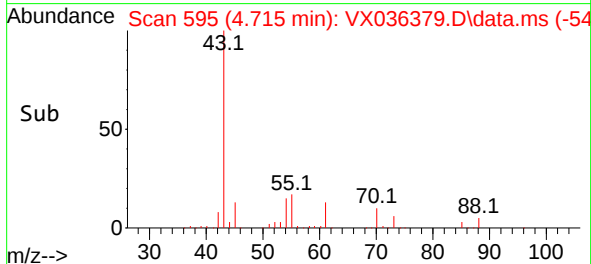
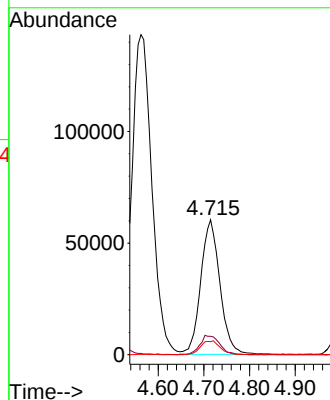
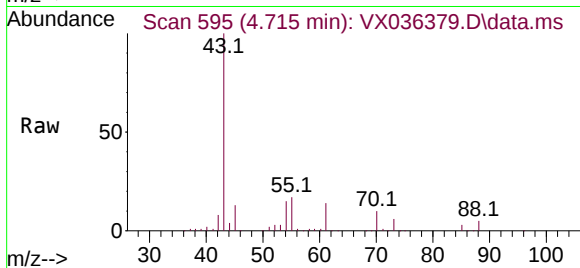
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	10.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#38

Carbon Tetrachloride

Concen: 51.808 ug/l

RT: 5.672 min Scan# 752

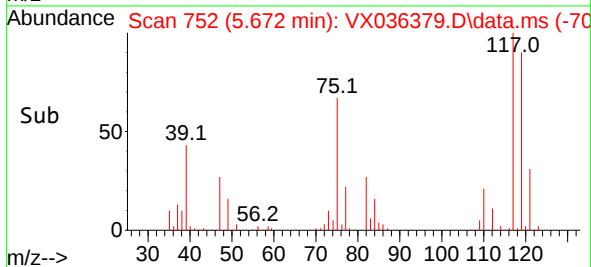
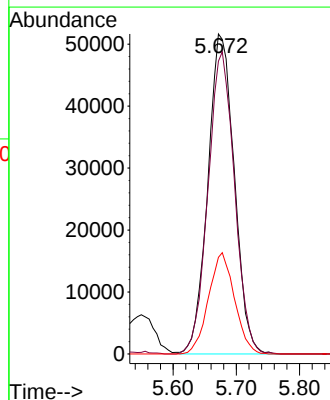
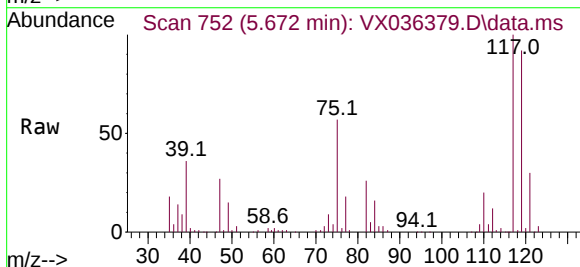
Delta R.T. -0.006 min

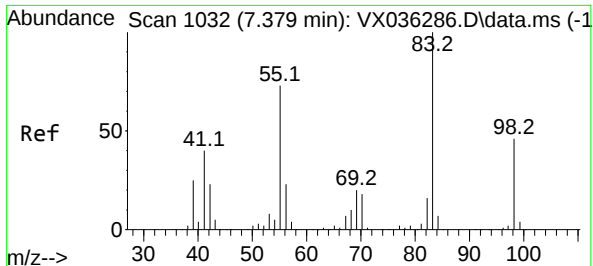
Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Tgt Ion:117 Resp: 149915

Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.2	117.2
121	30.2	24.4	36.6





#39

Methylcyclohexane

Concen: 42.390 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 160862

Ion Ratio Lower Upper

83 100

55 71.9 64.6 97.0

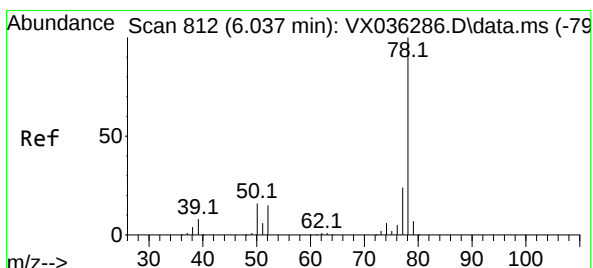
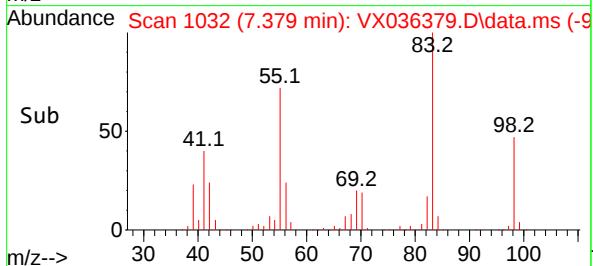
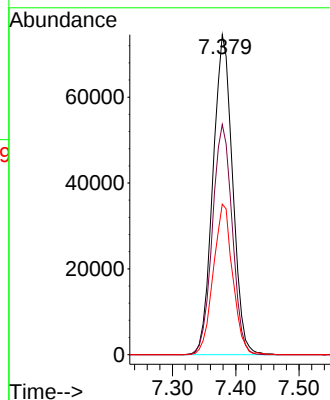
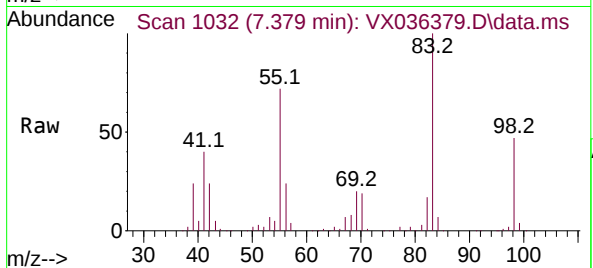
98 47.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#40

Benzene

Concen: 51.524 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036379.D

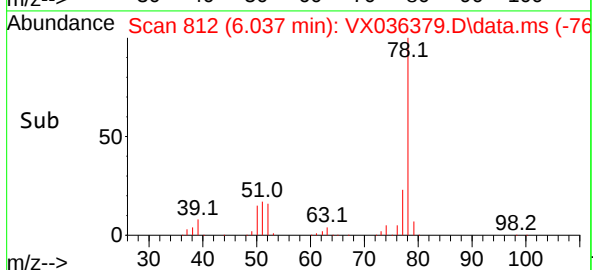
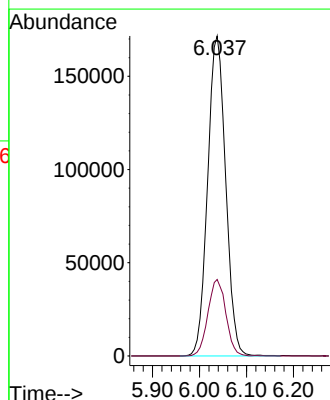
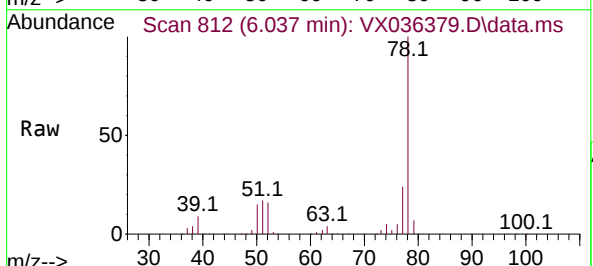
Acq: 29 Jun 2023 15:40

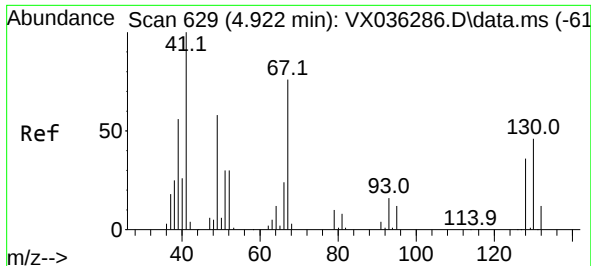
Tgt Ion: 78 Resp: 456009

Ion Ratio Lower Upper

78 100

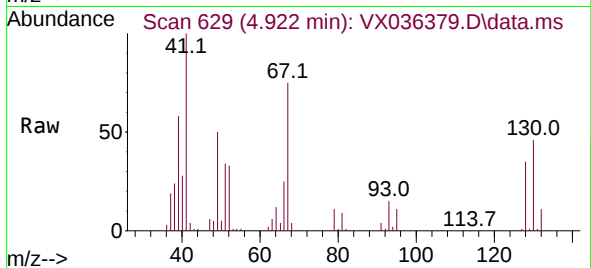
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 53.259 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

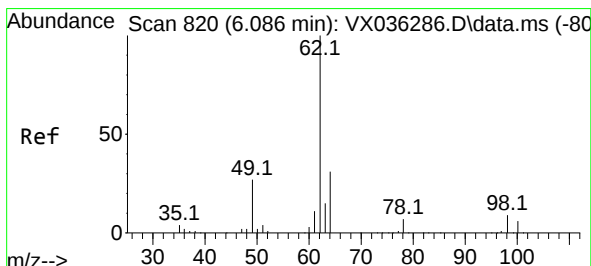
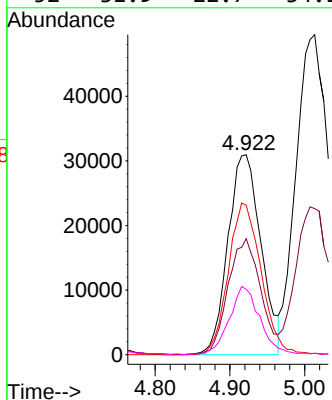
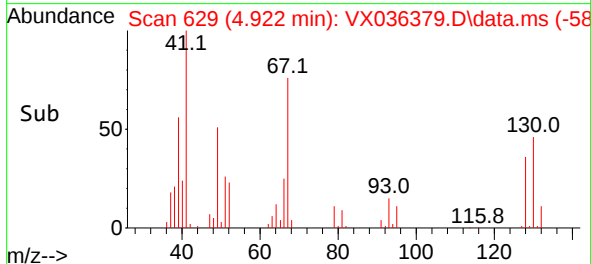
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 95400
Ion Ratio	Lower Upper
41	100
39	57.2 45.2 67.8
67	75.2 52.6 78.8
52	31.9 22.7 34.1

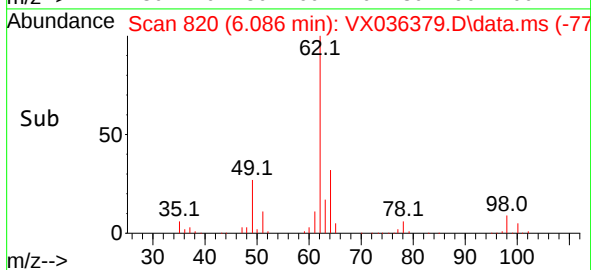
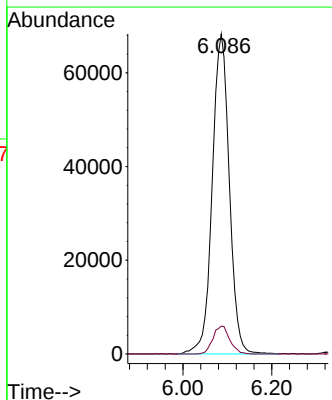
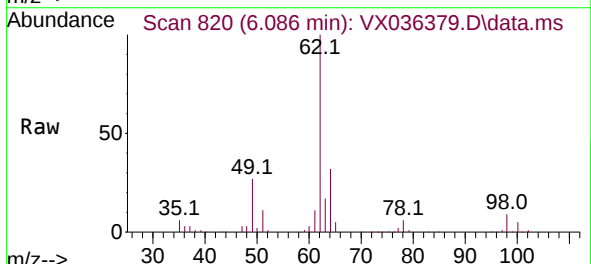
Manual Integrations
APPROVED

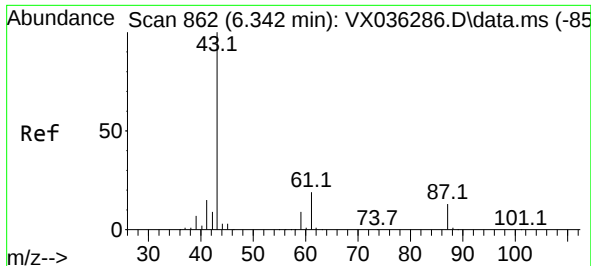
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#42
1,2-Dichloroethane
Concen: 53.966 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion: 62	Resp: 181668
Ion Ratio	Lower Upper
62	100
98	8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 55.978 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28836

Ion Ratio Lower Upper

43 100

61 20.1 15.2 22.8

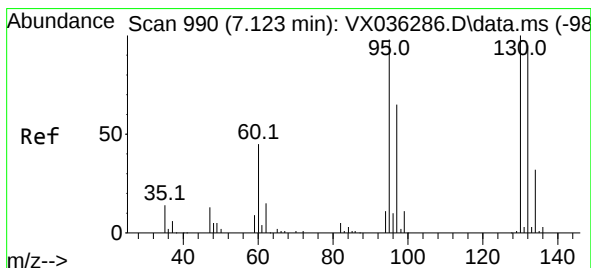
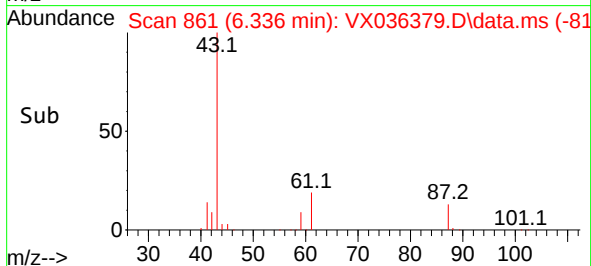
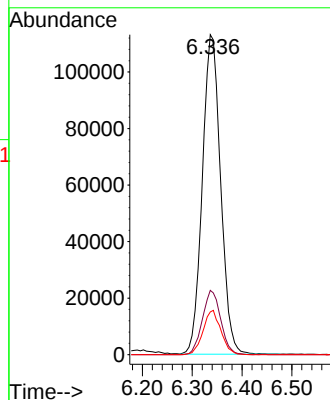
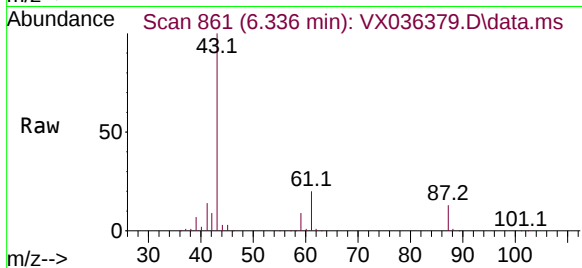
87 13.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#44

Trichloroethene

Concen: 49.049 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036379.D

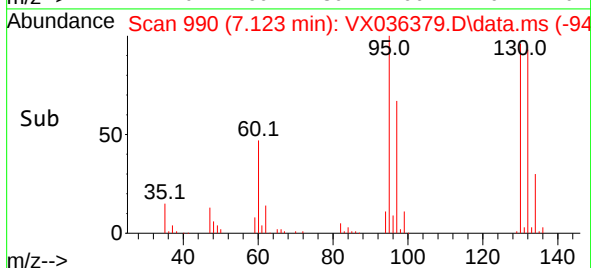
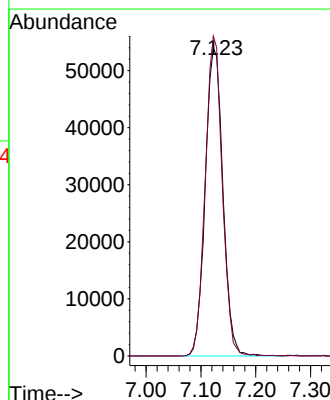
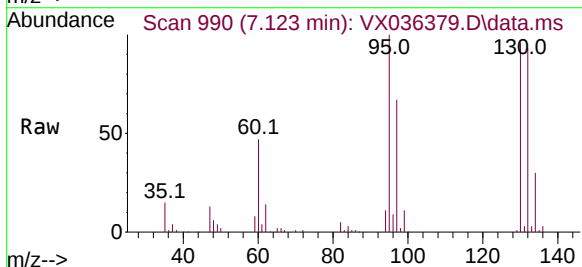
Acq: 29 Jun 2023 15:40

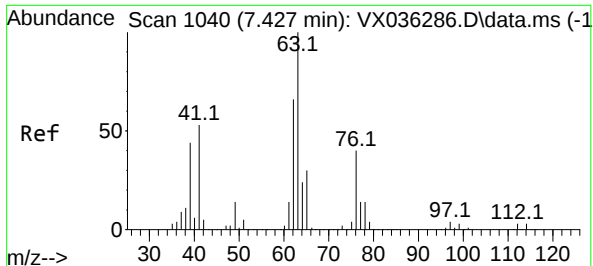
Tgt Ion:130 Resp: 120745

Ion Ratio Lower Upper

130 100

95 103.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.694 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 127010

Ion Ratio Lower Upper

63 100

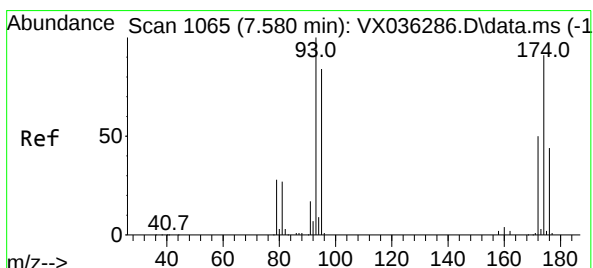
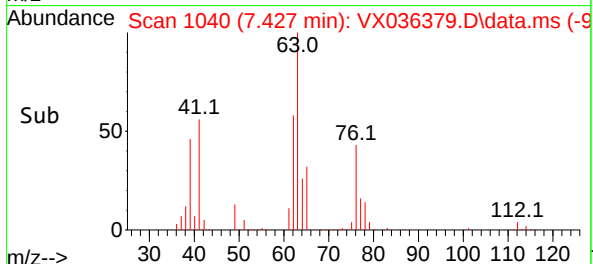
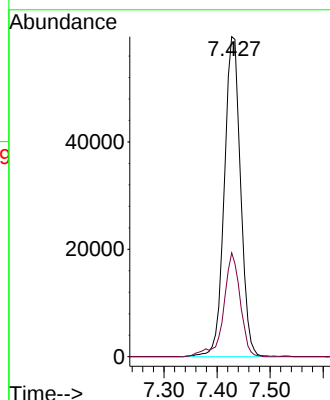
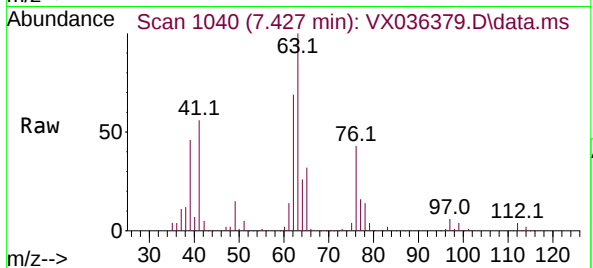
65 32.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#46

Dibromomethane

Concen: 53.885 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

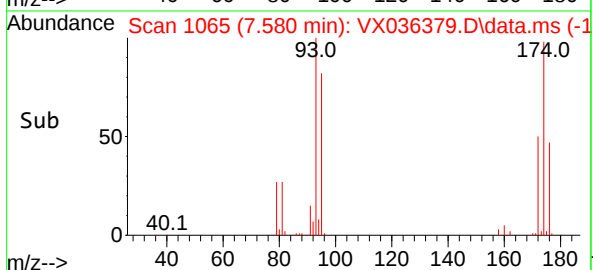
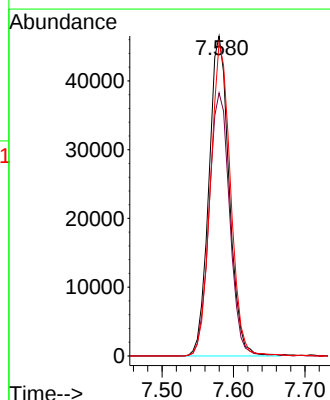
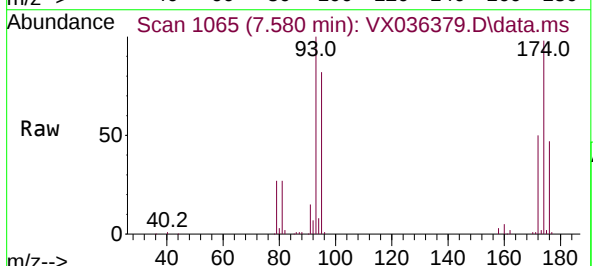
Tgt Ion: 93 Resp: 91429

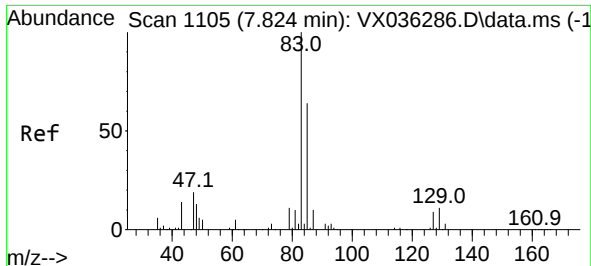
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

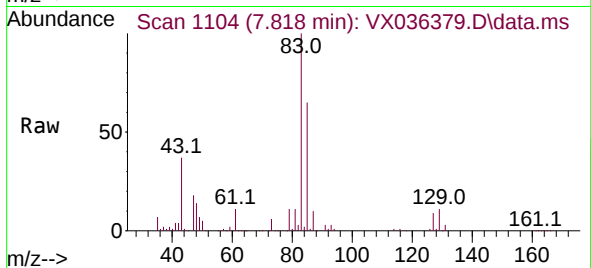
174 96.8 69.4 104.0





#47
Bromodichloromethane
Concen: 55.149 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

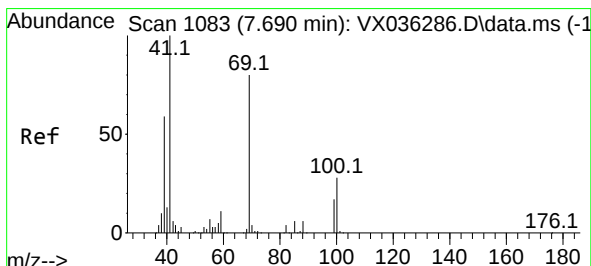
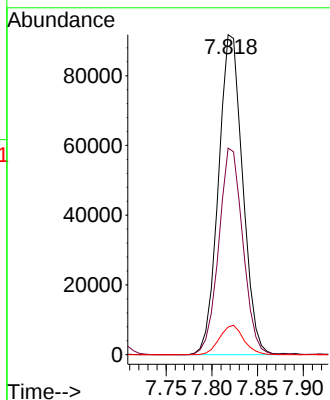
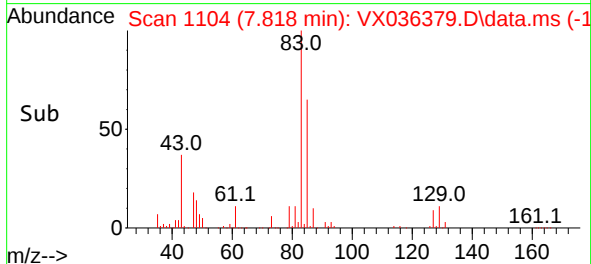
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 169218
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 8.6 7.1 10.7

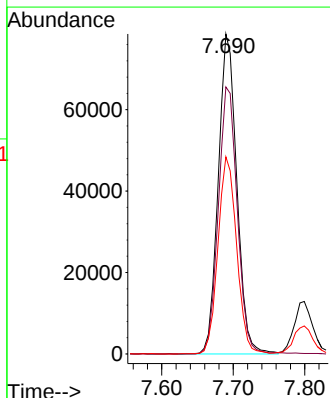
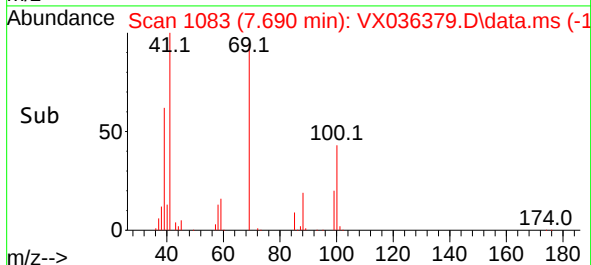
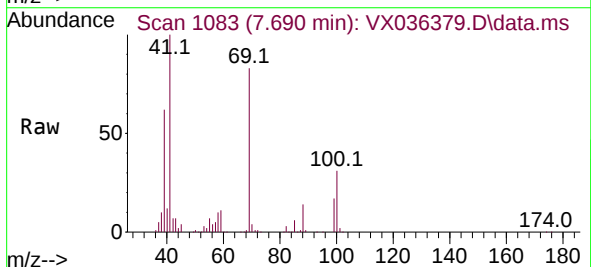
Manual Integrations
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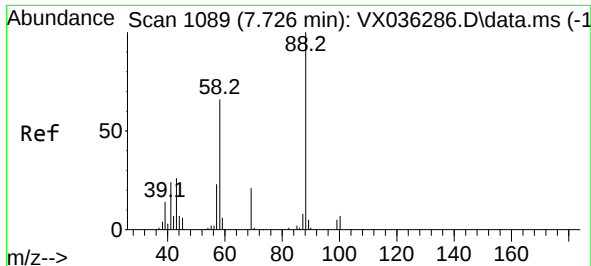
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#48
Methyl methacrylate
Concen: 55.150 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion: 41 Resp: 141652
Ion Ratio Lower Upper
41 100
69 85.6 59.2 88.8
39 62.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1110.913 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6325

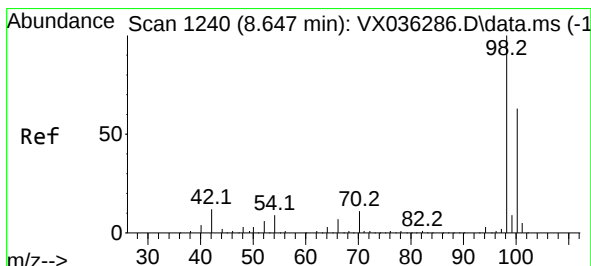
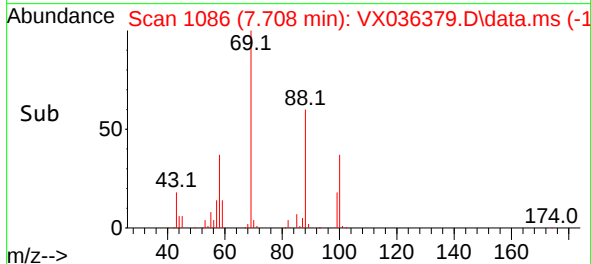
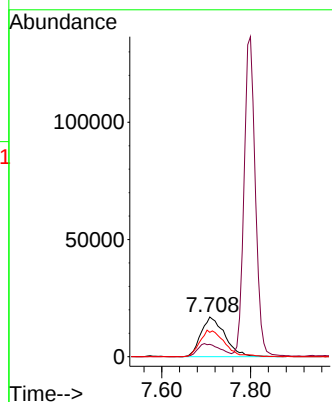
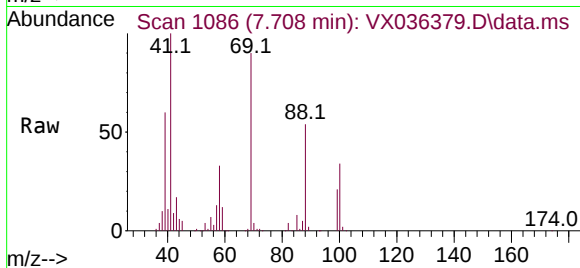
Ion	Ratio	Lower	Upper
88	100		
43	31.1	0.0	0.0
58	68.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#50

Toluene-d8

Concen: 50.321 ug/l

RT: 8.647 min Scan# 1240

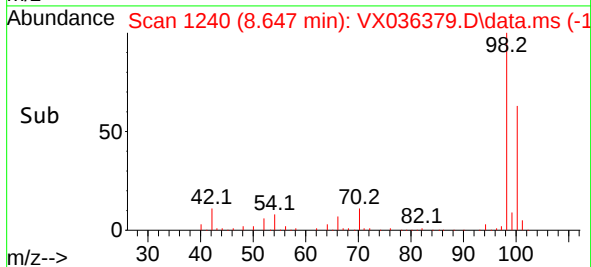
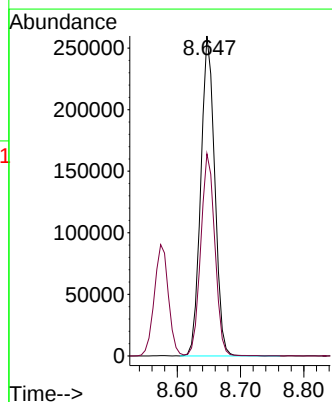
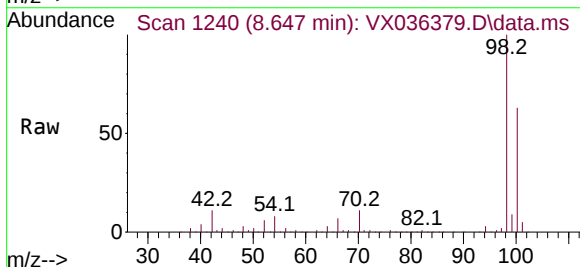
Delta R.T. 0.001 min

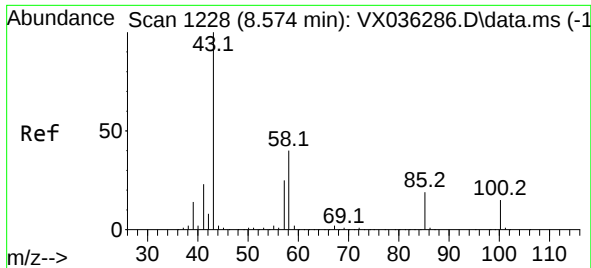
Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Tgt Ion: 98 Resp: 399479

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.1	79.7





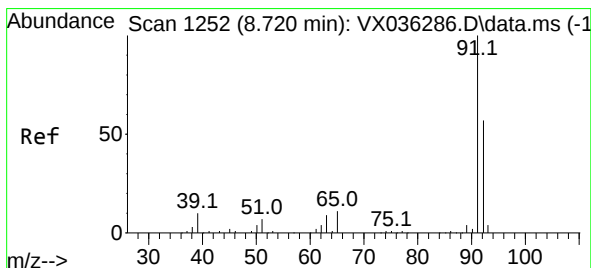
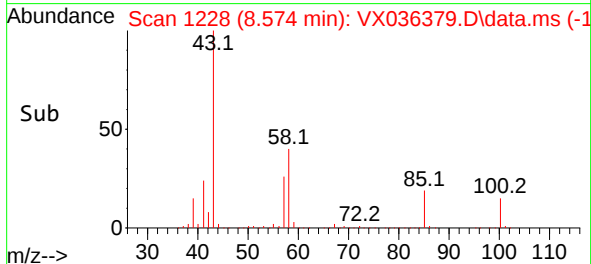
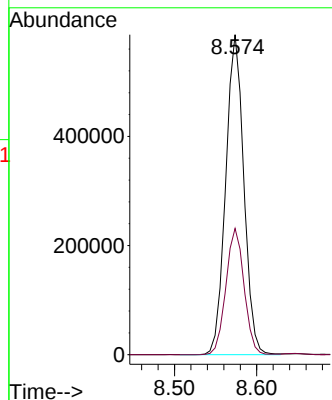
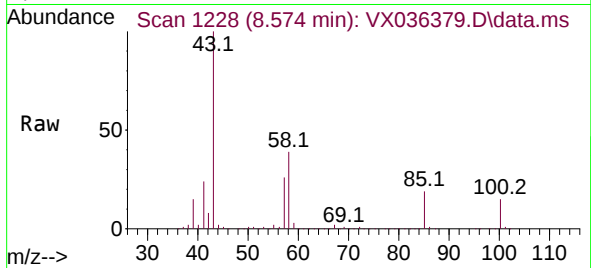
#51
4-Methyl-2-Pentanone
Concen: 270.926 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 899158
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

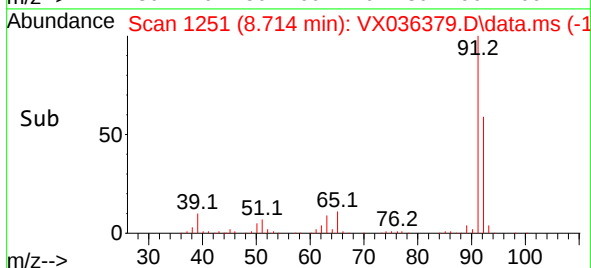
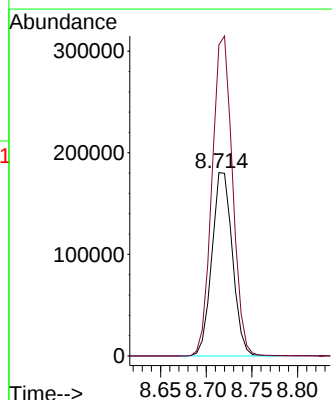
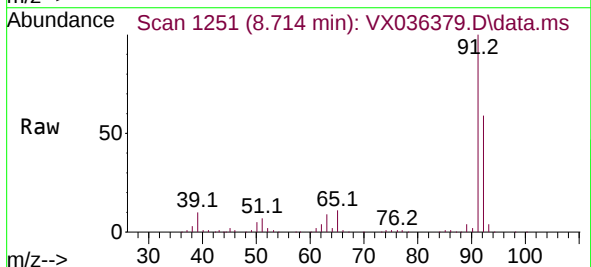
Manual Integrations
APPROVED

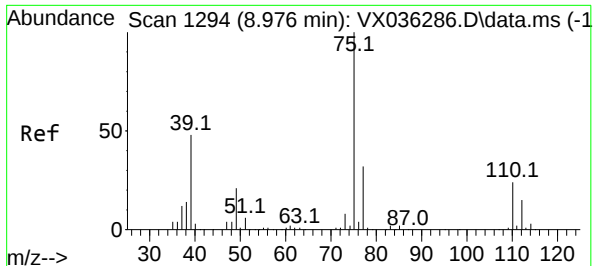
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#52
Toluene
Concen: 50.346 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion: 92 Resp: 282383
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 59.808 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 185374

Ion Ratio Lower Upper

75 100

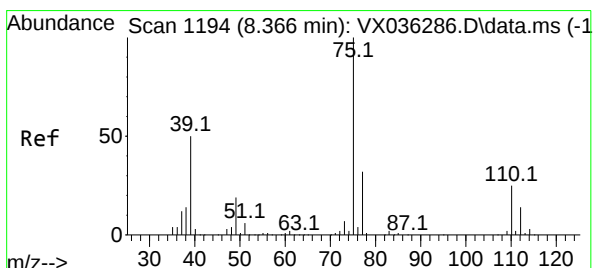
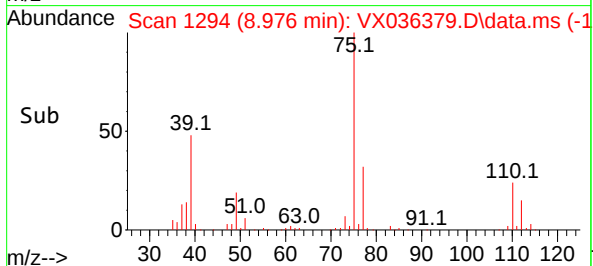
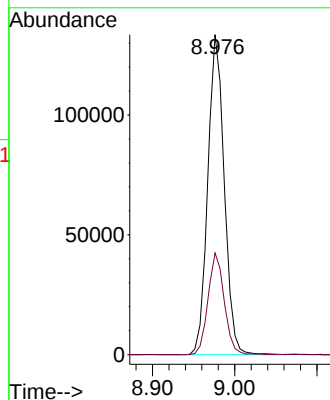
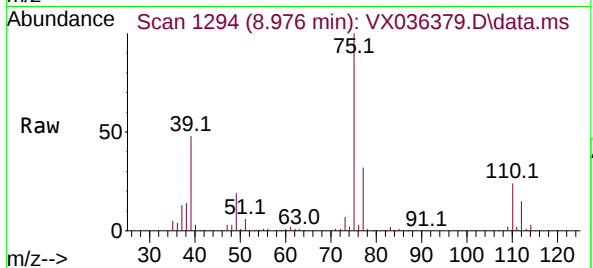
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#54

cis-1,3-Dichloropropene

Concen: 57.707 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

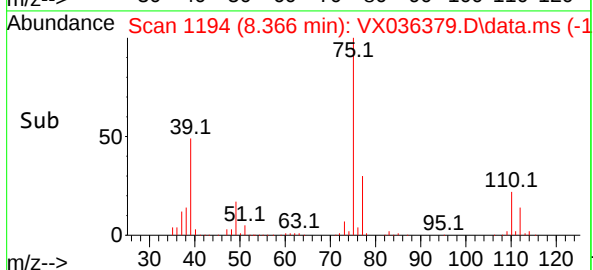
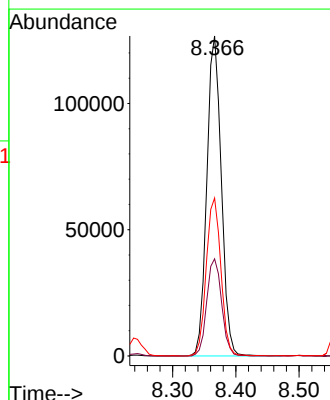
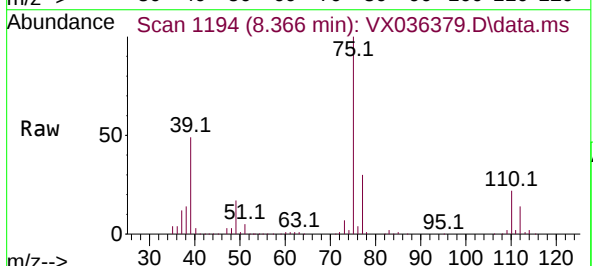
Tgt Ion: 75 Resp: 202193

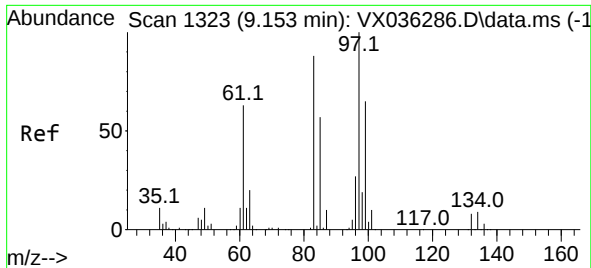
Ion Ratio Lower Upper

75 100

77 30.3 25.3 37.9

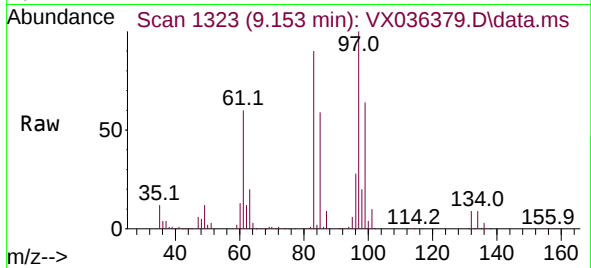
39 49.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.124 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

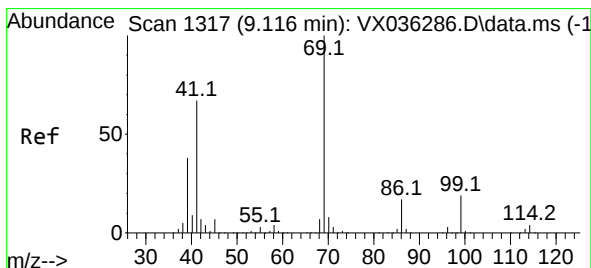
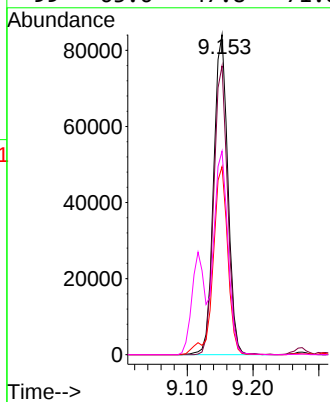
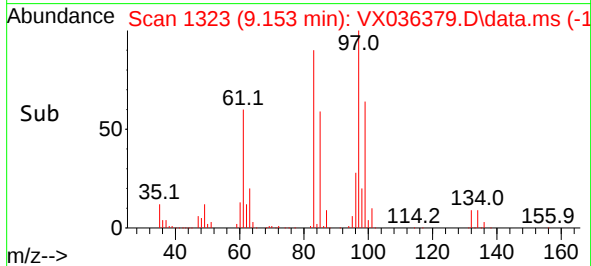
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



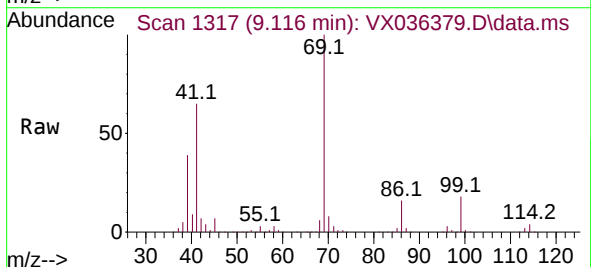
Tgt Ion: 97 Resp: 126160
Ion Ratio Lower Upper
97 100
83 90.3 65.8 98.8
85 58.7 41.6 62.4
99 63.6 47.8 71.8

Manual Integrations
APPROVED

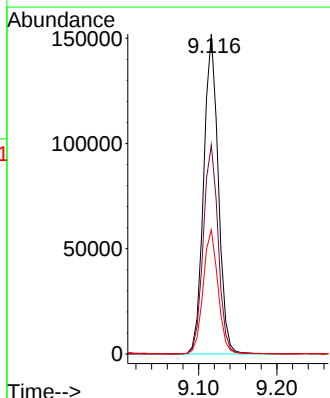
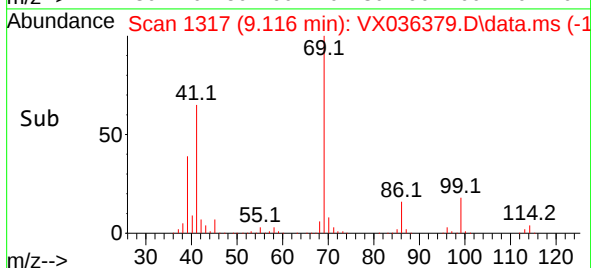
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

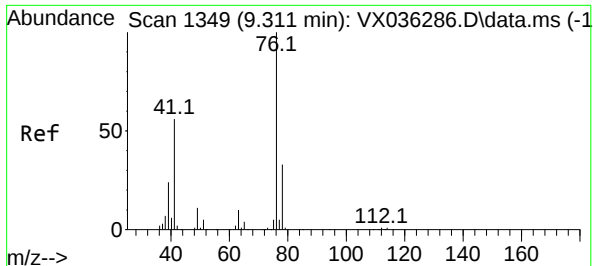


#56
Ethyl methacrylate
Concen: 56.389 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



Tgt Ion: 69 Resp: 196607
Ion Ratio Lower Upper
69 100
41 66.9 56.8 85.2
39 39.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.301 ug/l

RT: 9.305 min Scan# 112938

Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 212938

Ion Ratio Lower Upper

76 100

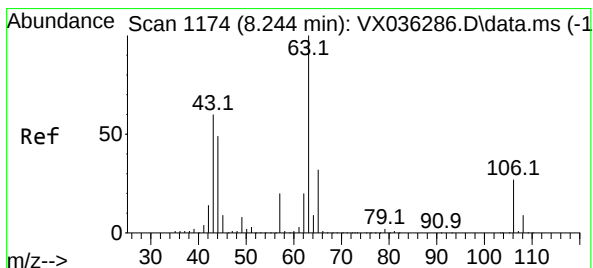
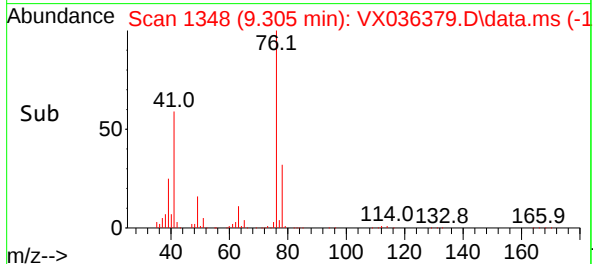
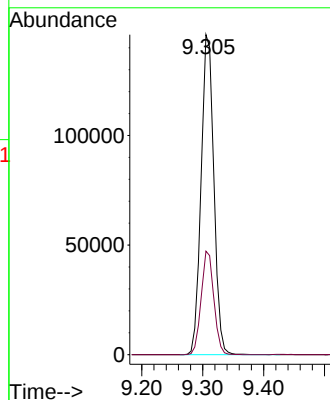
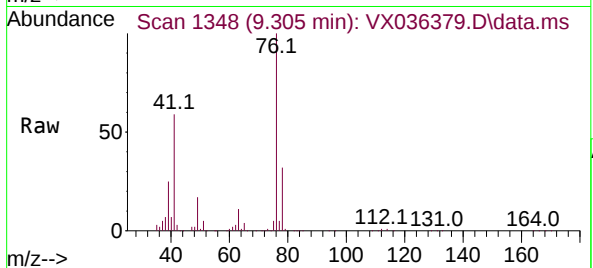
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 266.520 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036379.D

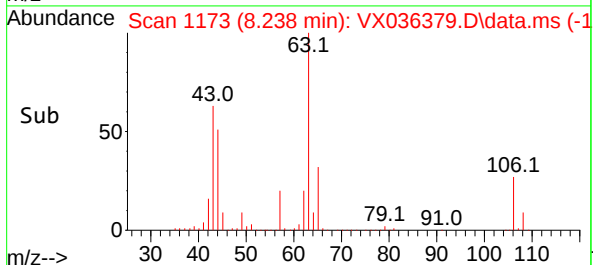
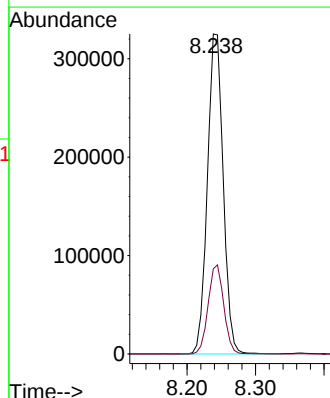
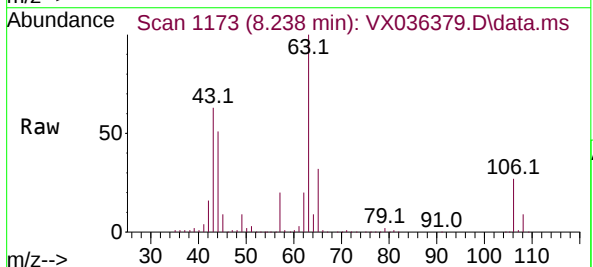
Acq: 29 Jun 2023 15:40

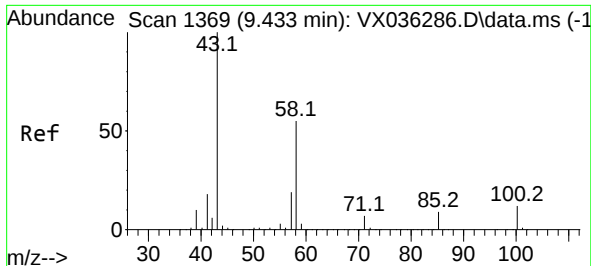
Tgt Ion: 63 Resp: 522234

Ion Ratio Lower Upper

63 100

106 27.4 22.5 33.7





#59

2-Hexanone

Concen: 275.960 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 66881

Ion Ratio Lower Upper

43 100

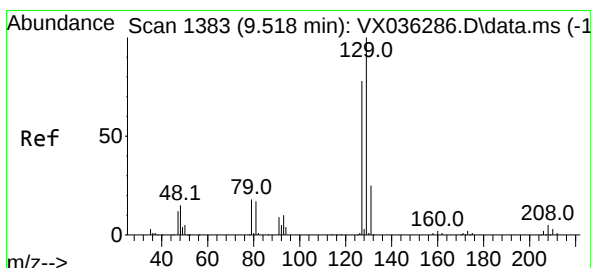
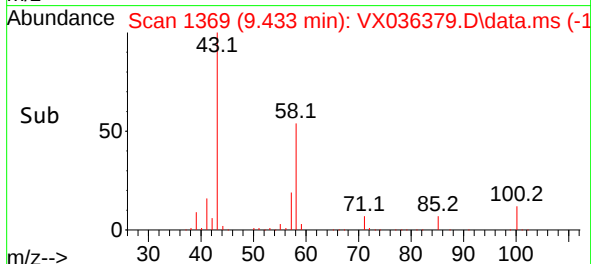
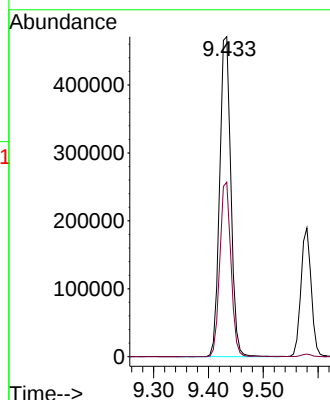
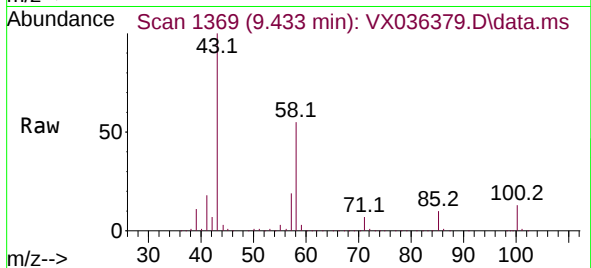
58 54.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#60

Dibromochloromethane

Concen: 57.065 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036379.D

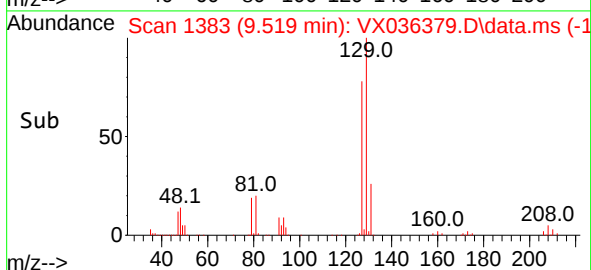
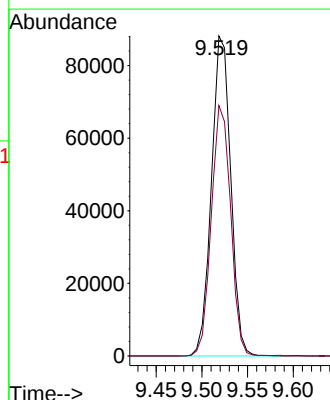
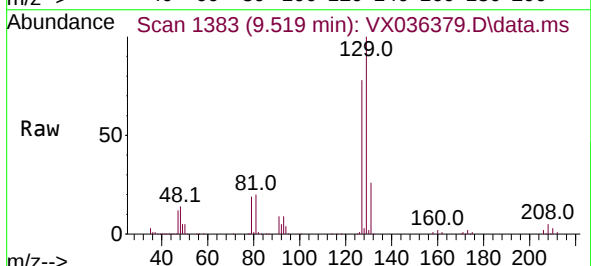
Acq: 29 Jun 2023 15:40

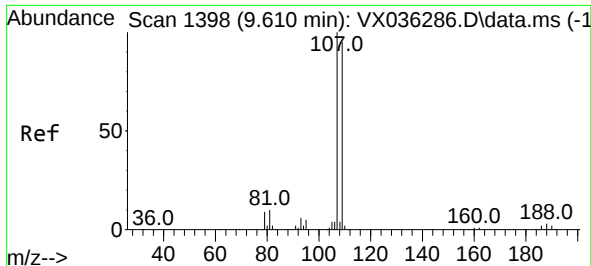
Tgt Ion:129 Resp: 129242

Ion Ratio Lower Upper

129 100

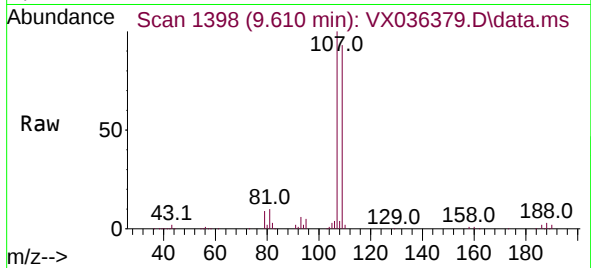
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.485 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

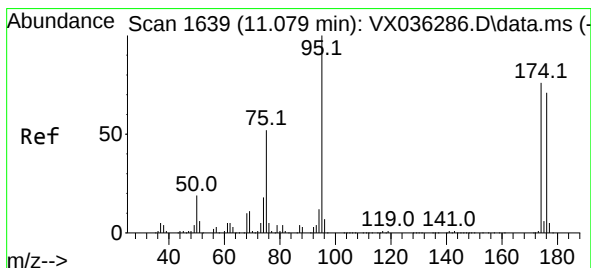
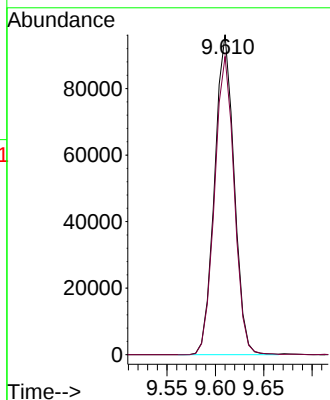
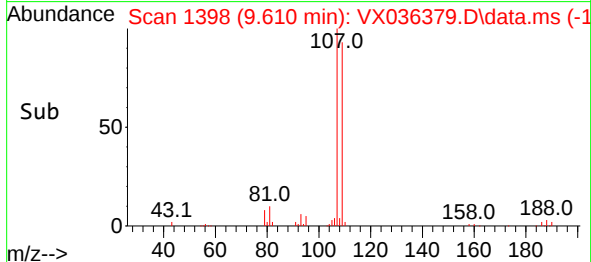
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



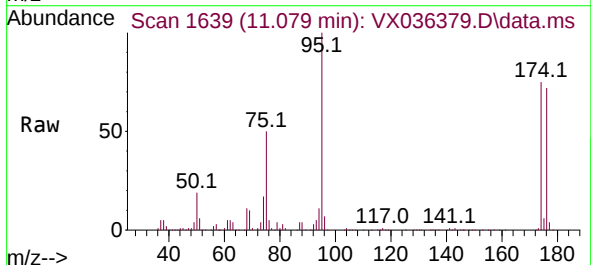
Tgt Ion:107 Resp: 134780
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations
APPROVED

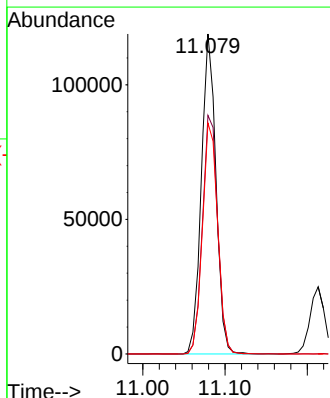
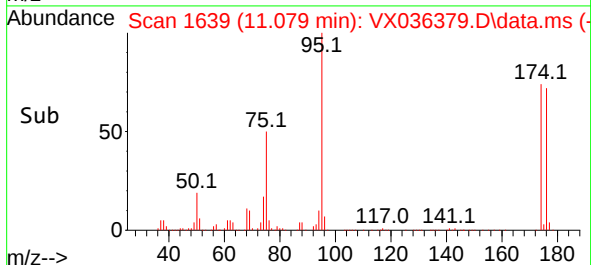
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

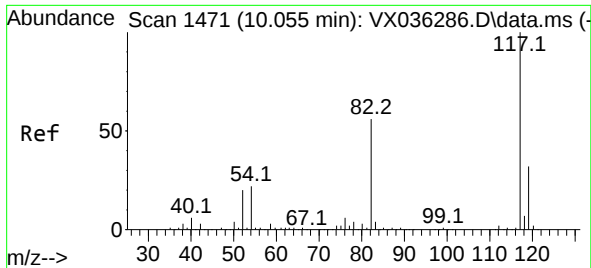


#62
4-Bromofluorobenzene
Concen: 52.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



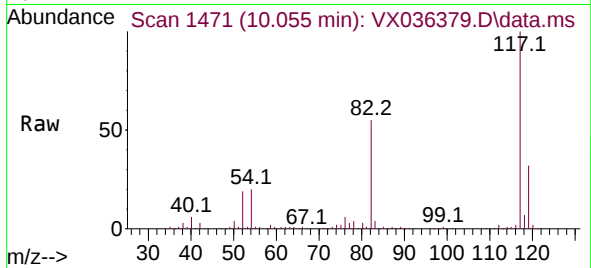
Tgt Ion: 95 Resp: 146244
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

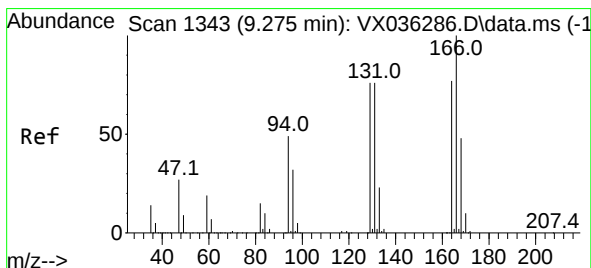
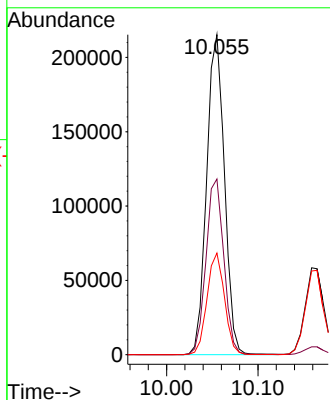
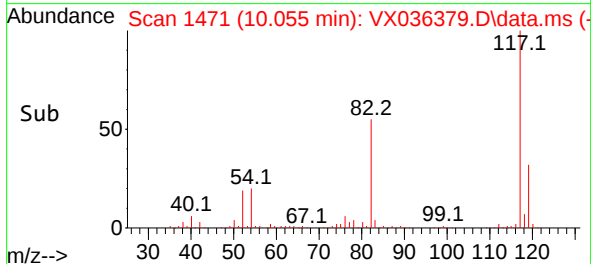
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 290120
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.7 25.5 38.3

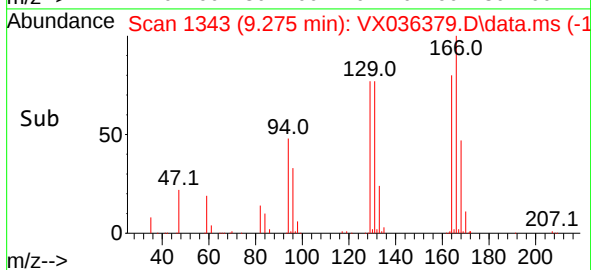
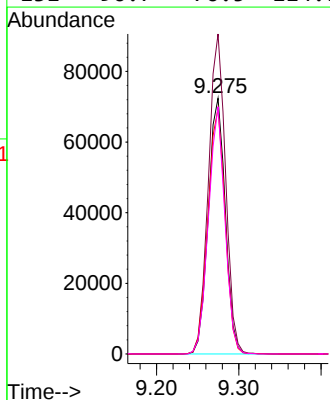
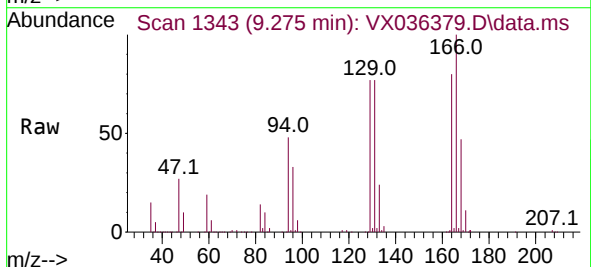
Manual Integrations
APPROVED

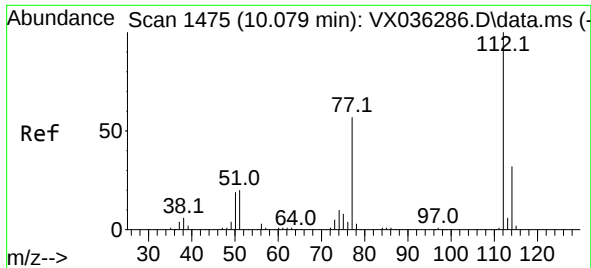
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#64
Tetrachloroethene
Concen: 50.813 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion:164 Resp: 104091
Ion Ratio Lower Upper
164 100
166 125.1 102.7 154.1
129 96.1 80.4 120.6
131 96.7 76.5 114.7





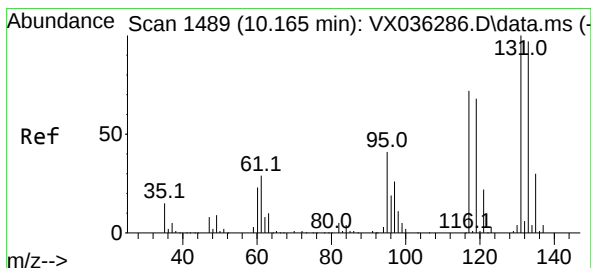
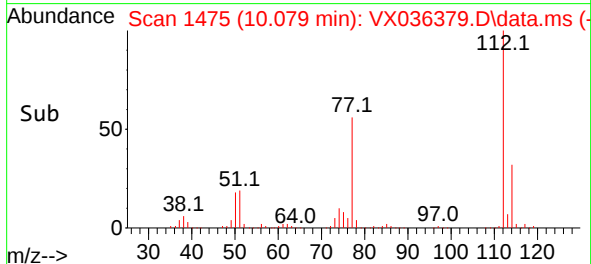
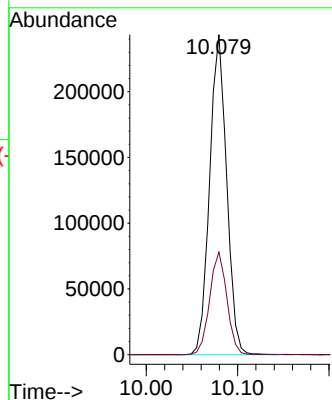
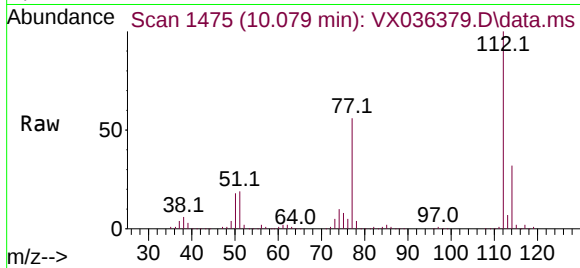
#65
Chlorobenzene
Concen: 51.508 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 314134
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

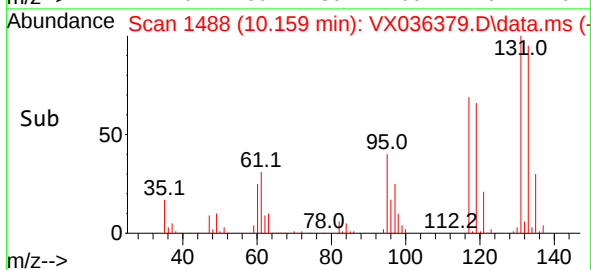
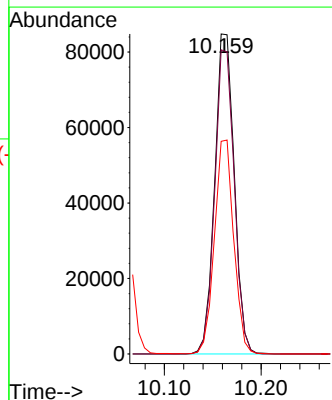
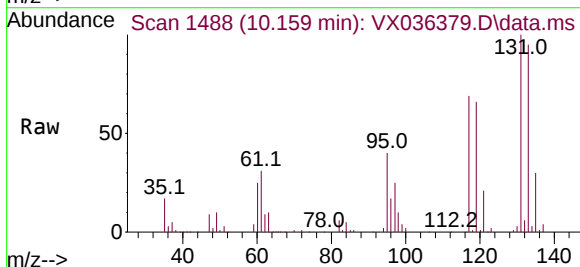
Manual Integrations
APPROVED

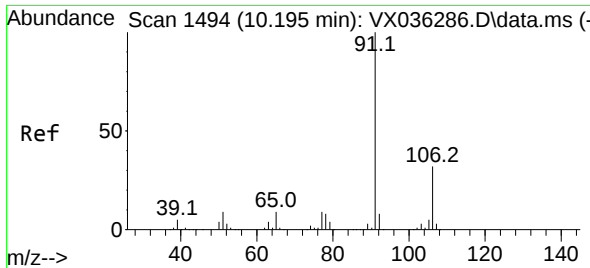
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.753 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

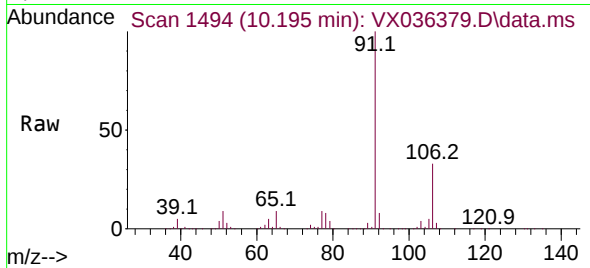
Tgt Ion:131 Resp: 119054
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 50.073 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

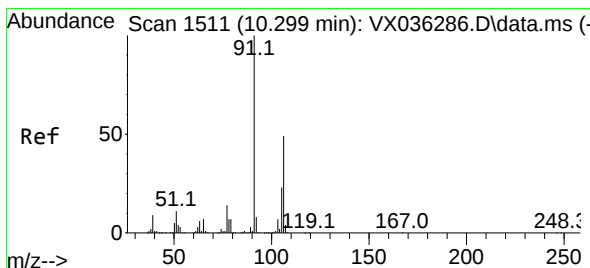
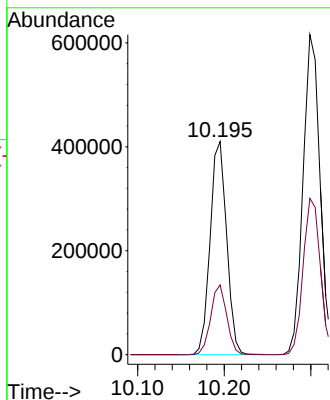
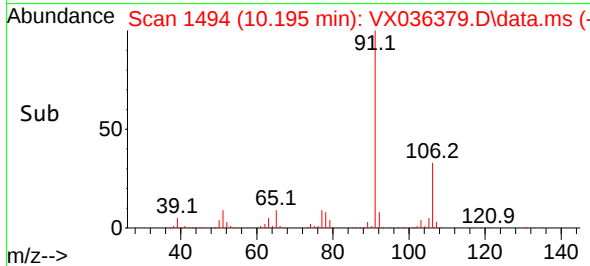
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



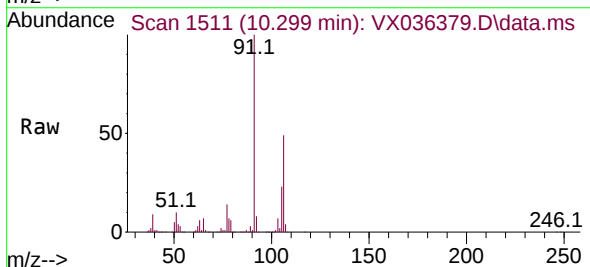
Tgt Ion: 91 Resp: 542912
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

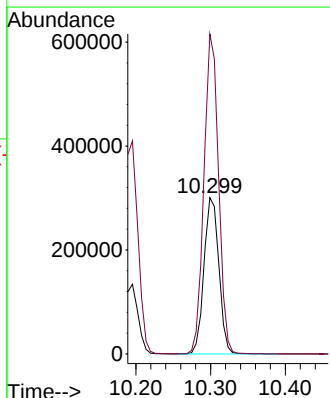
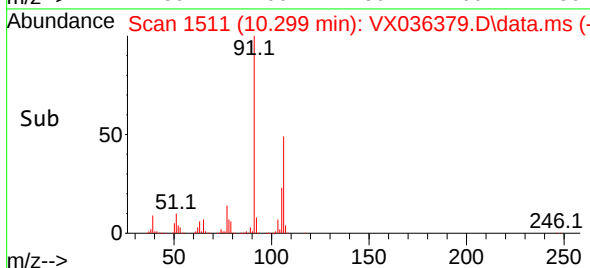
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

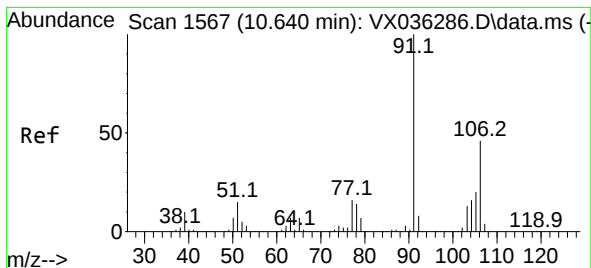


#68
m/p-Xylenes
Concen: 98.612 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



Tgt Ion:106 Resp: 415398
Ion Ratio Lower Upper
106 100
91 201.2 165.5 248.3





#69

o-Xylene

Concen: 51.157 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 208100

Ion Ratio Lower Upper

106 100

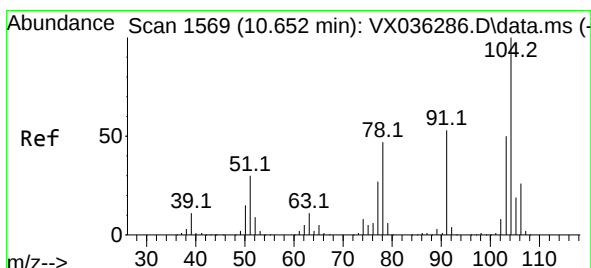
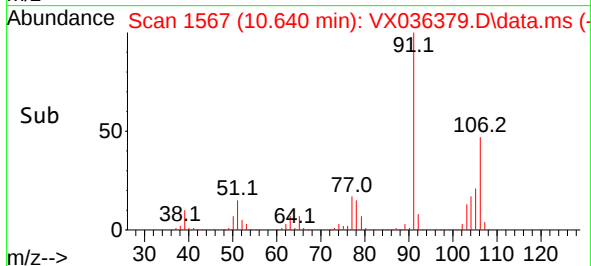
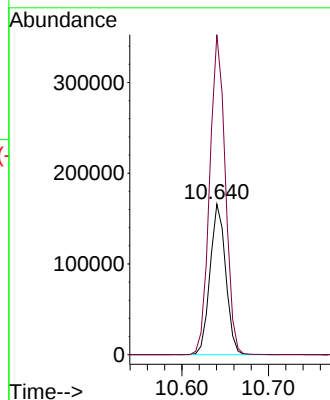
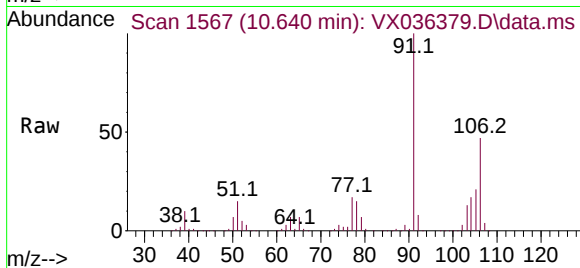
91 212.5 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#70

Styrene

Concen: 51.753 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

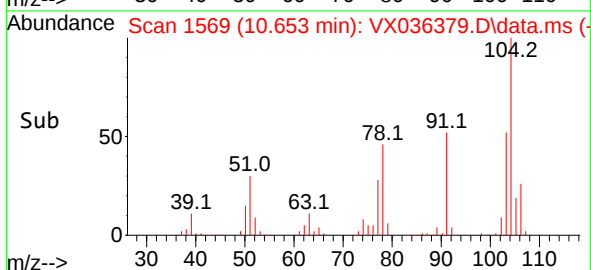
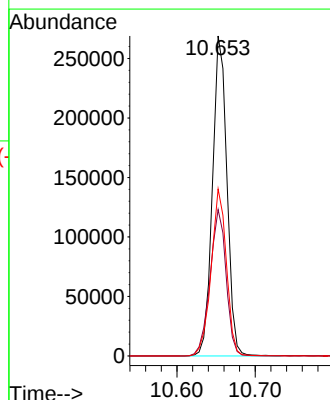
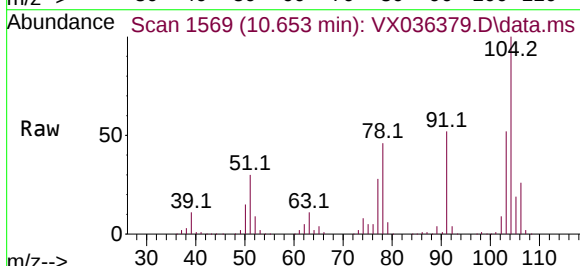
Tgt Ion:104 Resp: 344694

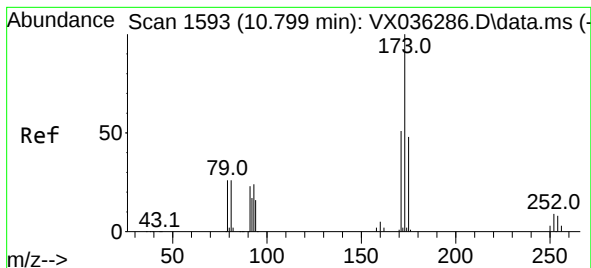
Ion Ratio Lower Upper

104 100

78 50.8 43.6 65.4

103 55.2 43.6 65.4





#71

Bromoform

Concen: 61.436 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

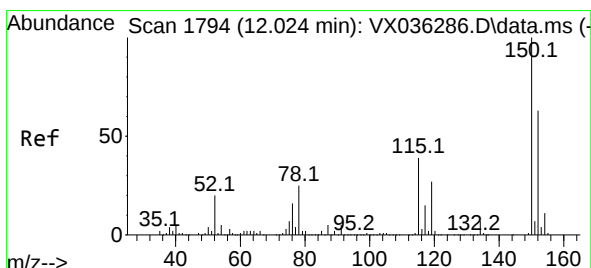
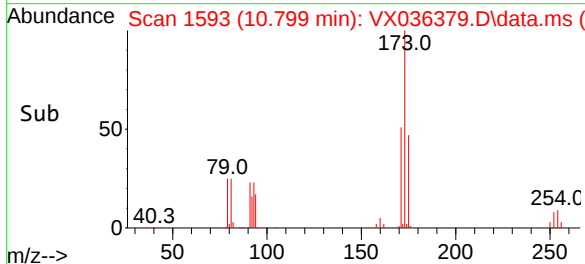
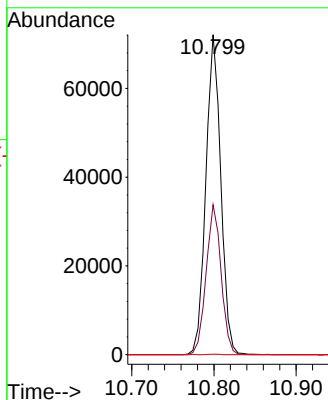
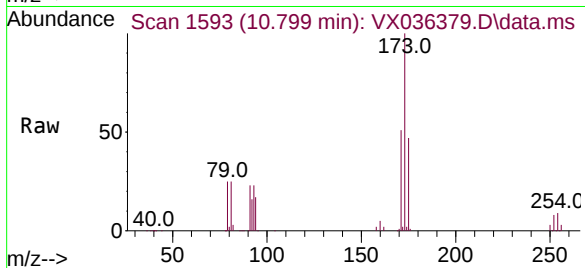
Tgt Ion:173 Resp: 90838
 Ion Ratio Lower Upper
 173 100
 175 47.1 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

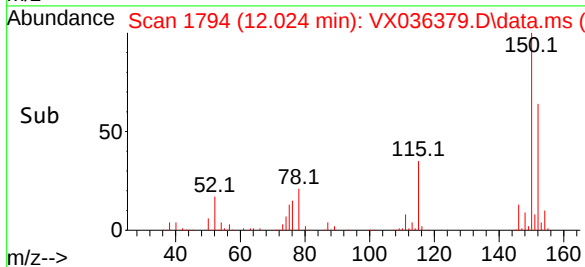
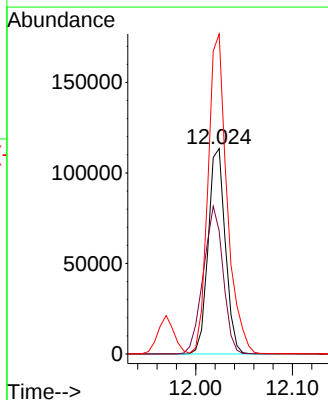
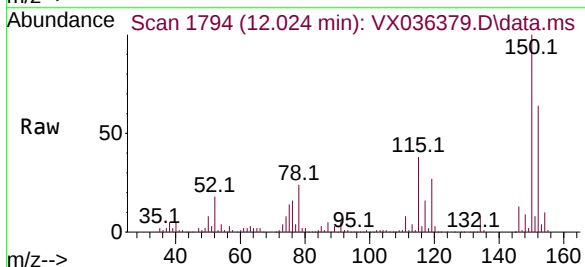
RT: 12.024 min Scan# 1794

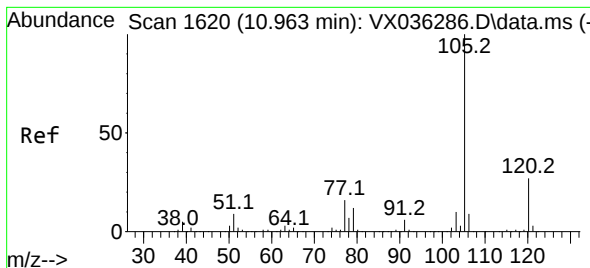
Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Tgt Ion:152 Resp: 140114
 Ion Ratio Lower Upper
 152 100
 115 82.8 43.3 129.9
 150 172.3 0.0 345.0





#73

Isopropylbenzene

Concen: 48.602 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 513189

Ion Ratio Lower Upper

105 100

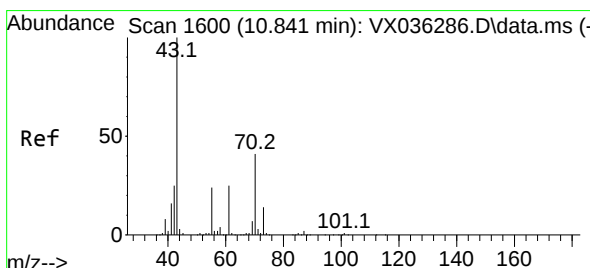
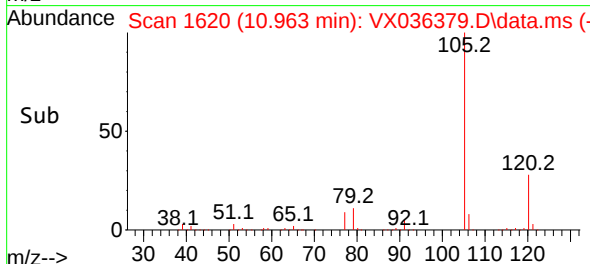
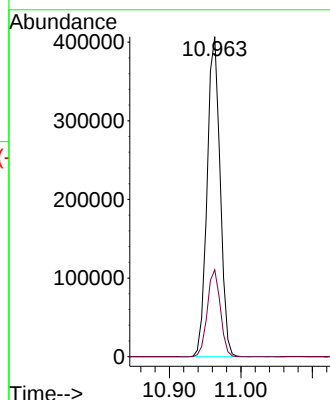
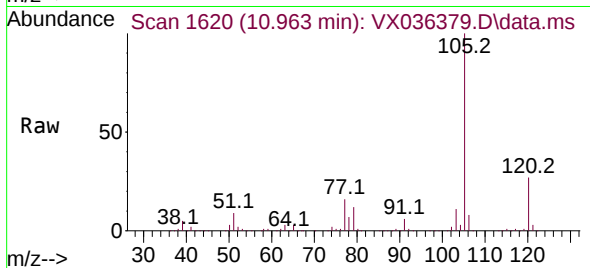
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#74

N-ethyl acetate

Concen: 59.778 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Tgt Ion: 43 Resp: 249667

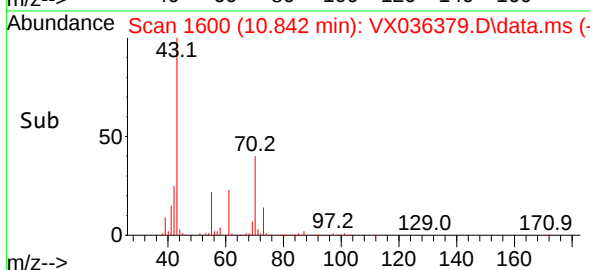
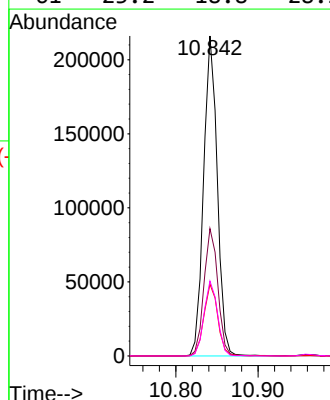
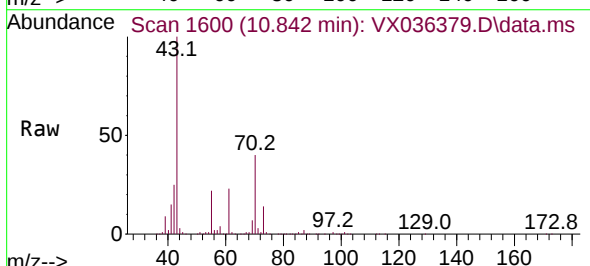
Ion Ratio Lower Upper

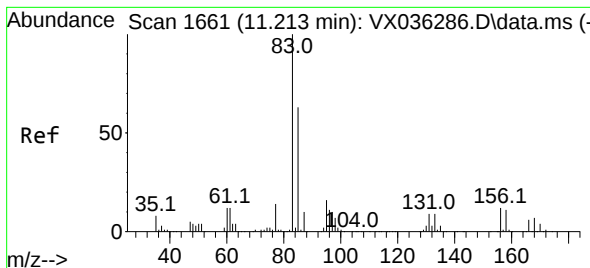
43 100

70 40.4 32.9 49.3

55 22.8 19.3 28.9

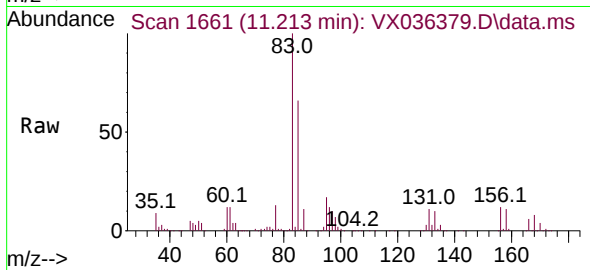
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.632 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

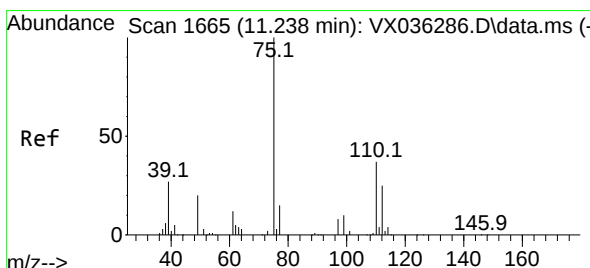
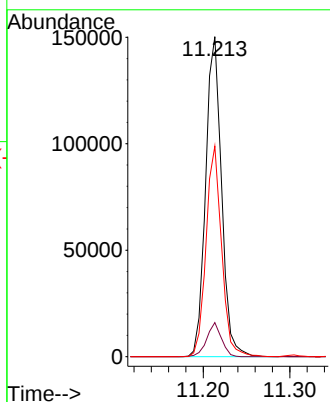
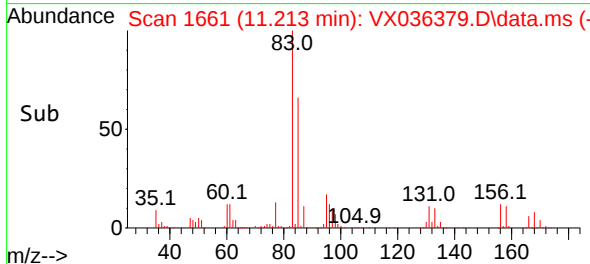
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



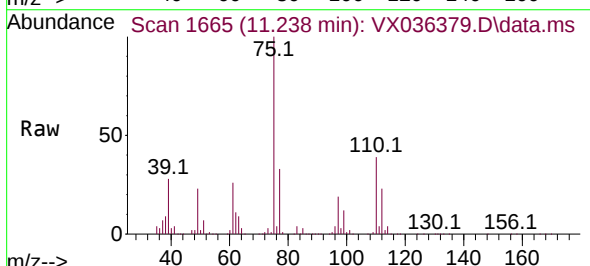
Tgt Ion: 83 Resp: 19177
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.5 32.0 96.2

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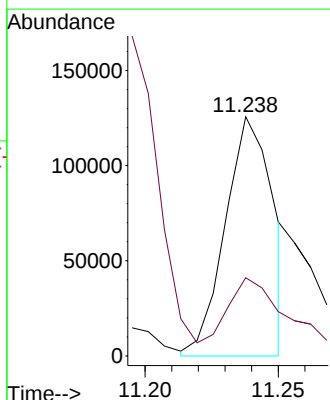
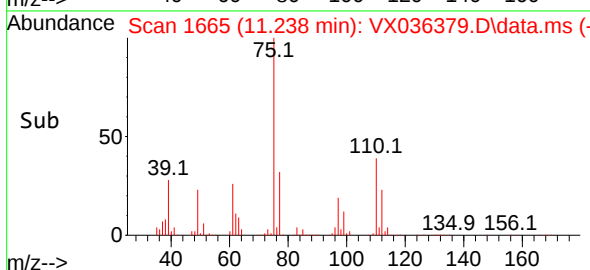
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

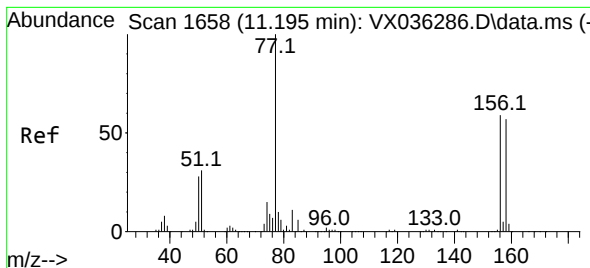


#76
1,2,3-Trichloropropane
Concen: 52.437 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



Tgt Ion: 75 Resp: 156718
Ion Ratio Lower Upper
75 100
77 43.1 19.1 57.5





#77

Bromobenzene

Concen: 51.913 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

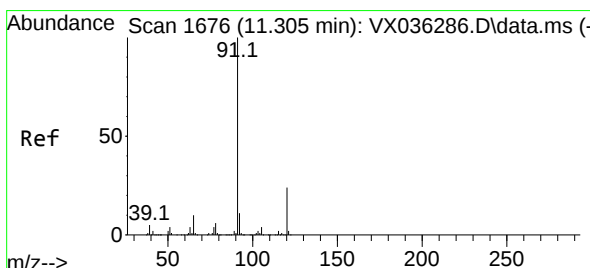
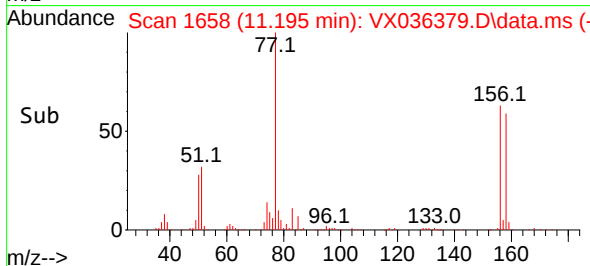
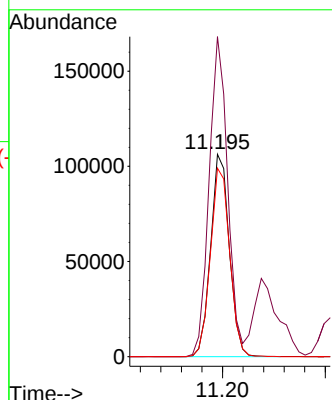
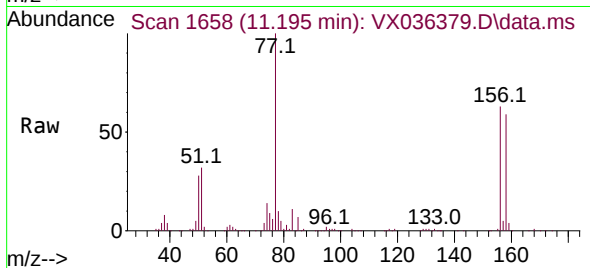
Tgt Ion:156 Resp: 134780
 Ion Ratio Lower Upper
 156 100
 77 156.3 88.4 265.3
 158 95.9 48.0 144.0

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Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#78

n-propylbenzene

Concen: 47.596 ug/l

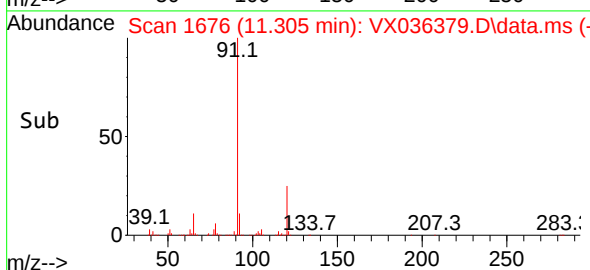
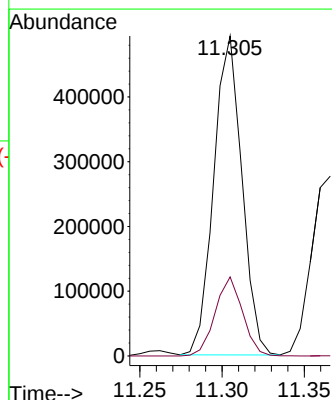
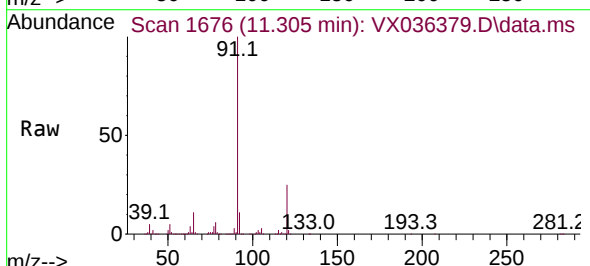
RT: 11.305 min Scan# 1676

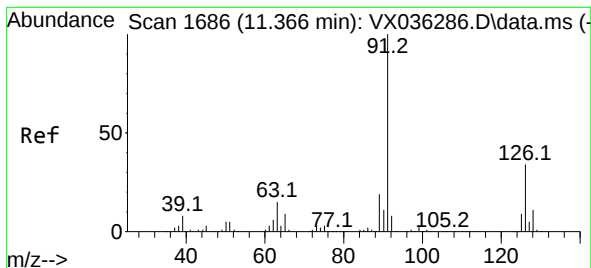
Delta R.T. -0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Tgt Ion: 91 Resp: 586943
 Ion Ratio Lower Upper
 91 100
 120 24.1 11.5 34.4





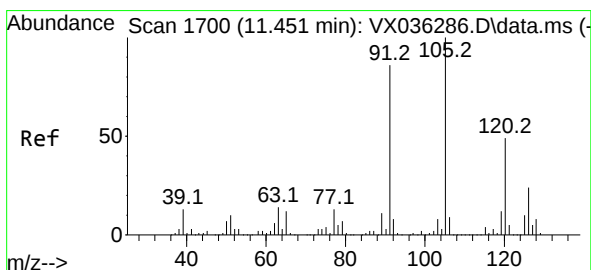
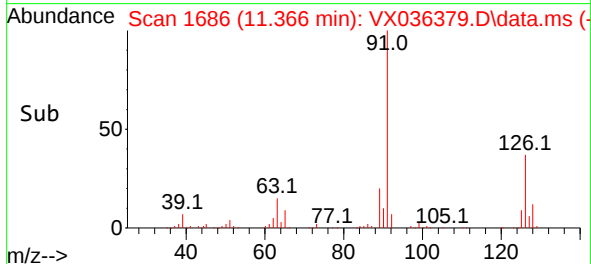
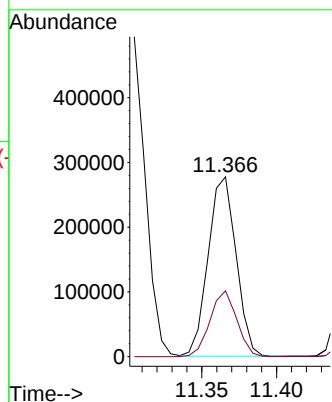
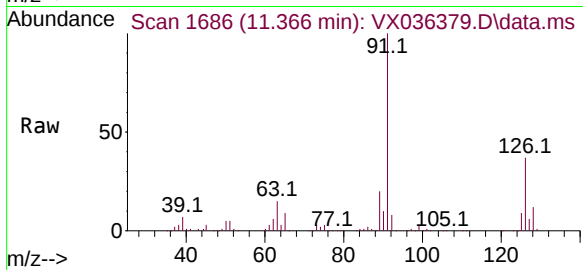
#79
2-Chlorotoluene
Concen: 49.103 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 360200
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8

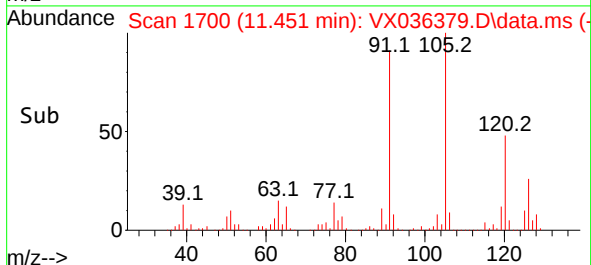
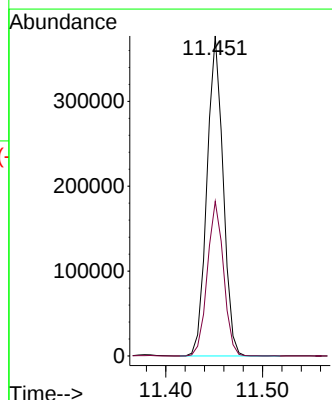
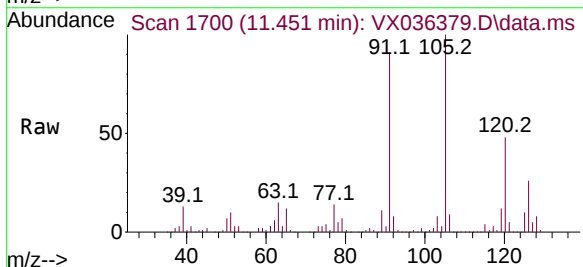
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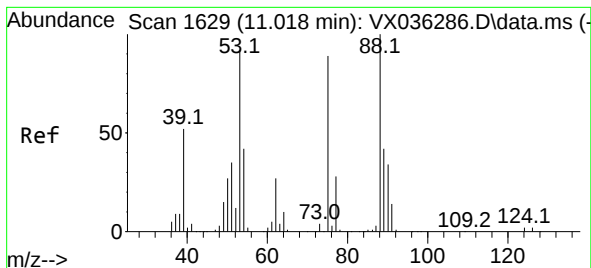
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.003 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion:105 Resp: 438197
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





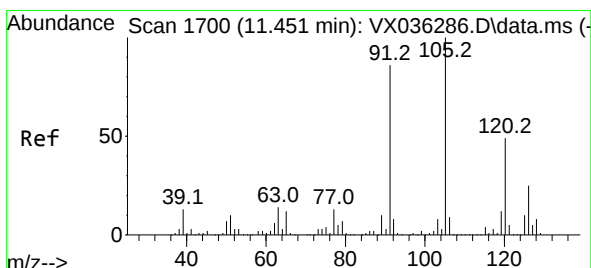
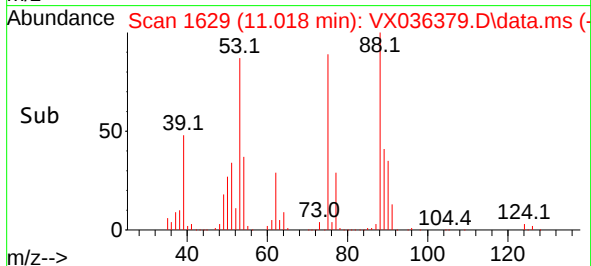
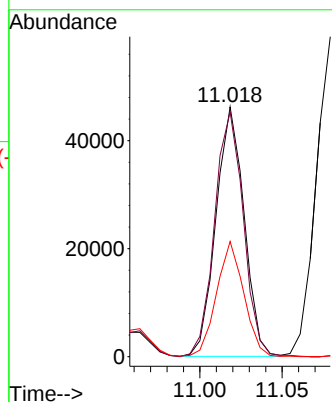
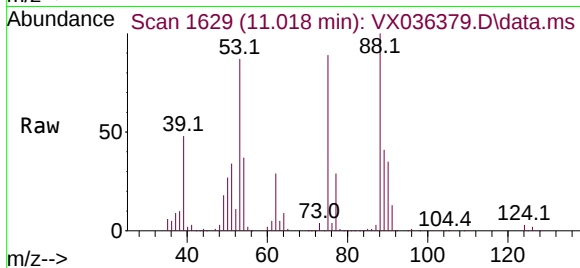
#81
trans-1,4-Dichloro-2-butene
Concen: 59.897 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 54910
Ion Ratio Lower Upper
75 100
53 100.6 90.5 135.7
89 44.9 36.9 55.3

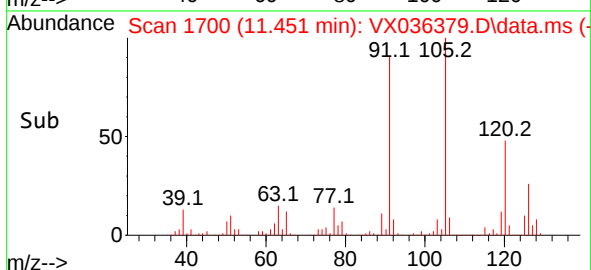
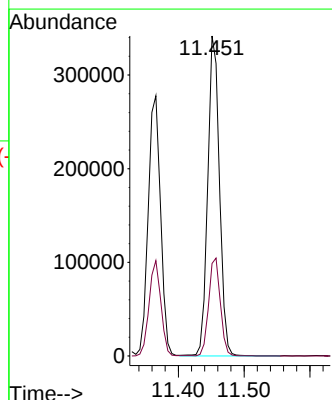
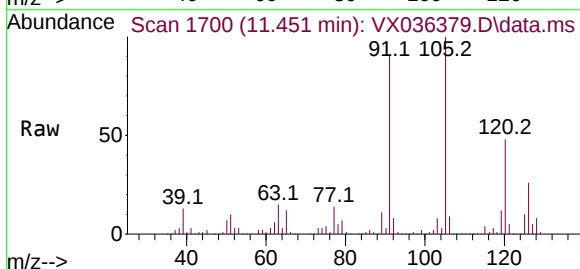
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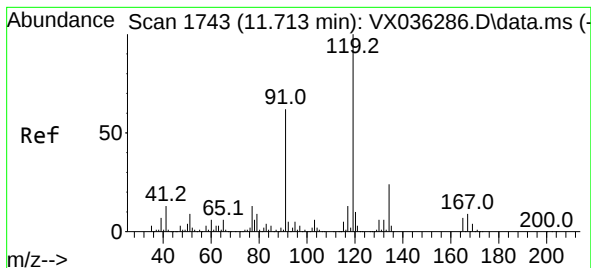
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#82
4-Chlorotoluene
Concen: 49.554 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

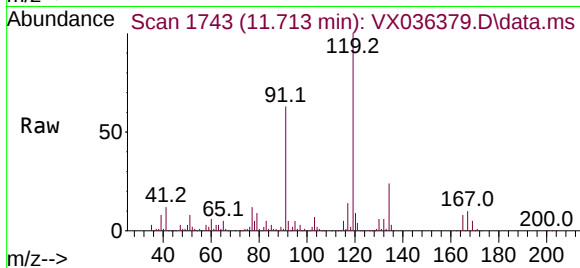
Tgt Ion: 91 Resp: 423217
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.853 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

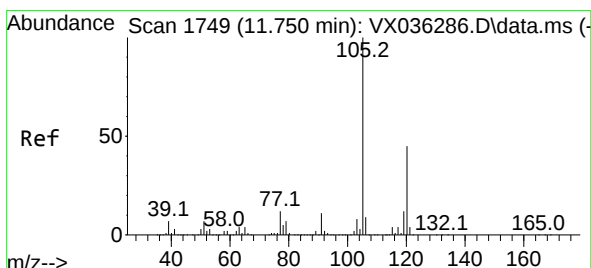
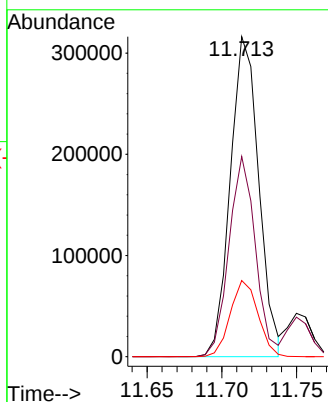
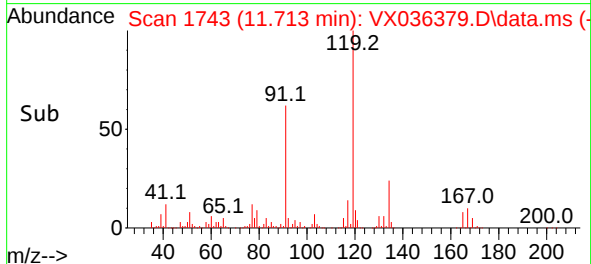
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



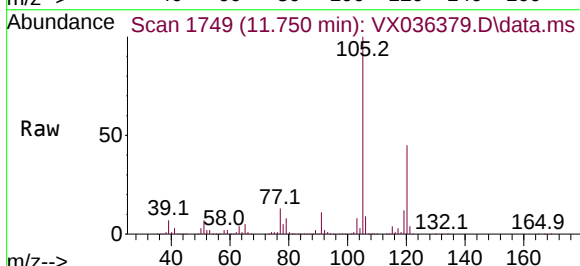
Tgt Ion:119 Resp: 41866
Ion Ratio Lower Upper
119 100
91 58.4 31.2 93.6
134 23.2 11.7 35.0

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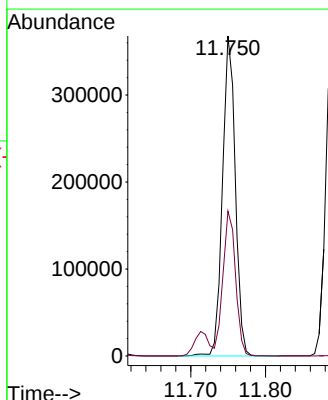
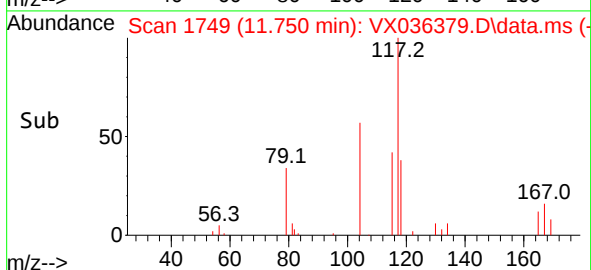
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

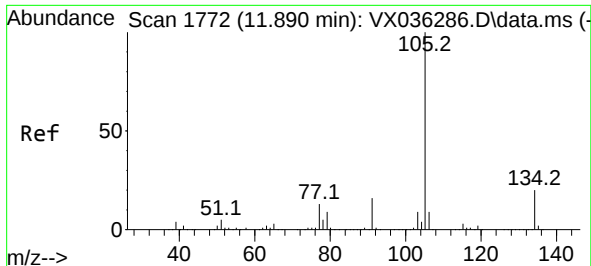


#84
1,2,4-Trimethylbenzene
Concen: 49.586 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



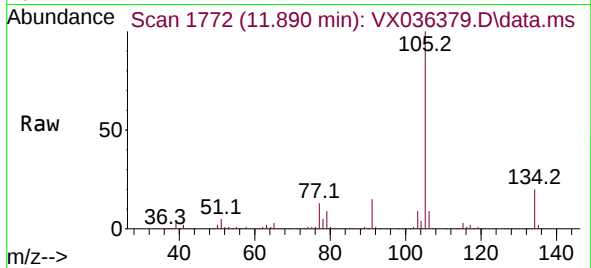
Tgt Ion:105 Resp: 438680
Ion Ratio Lower Upper
105 100
120 44.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 46.272 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40

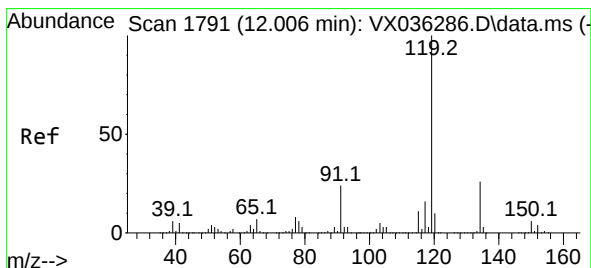
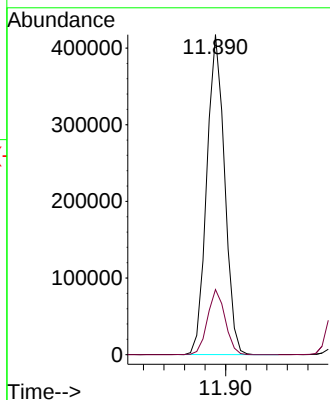
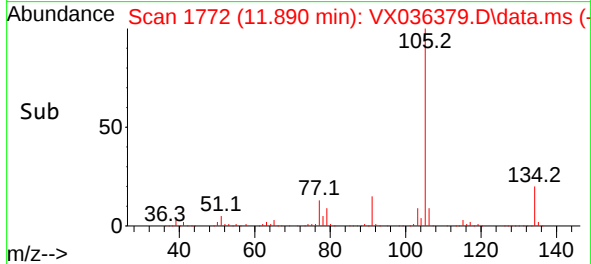
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 502364
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

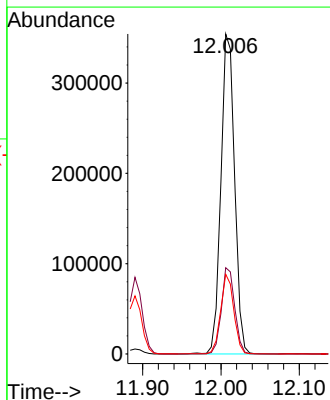
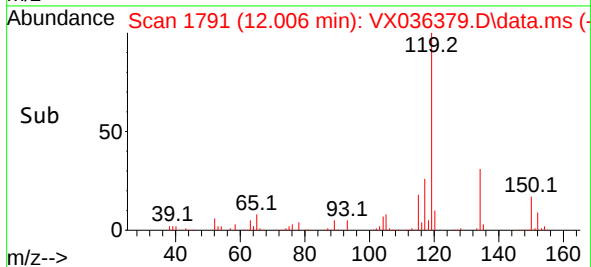
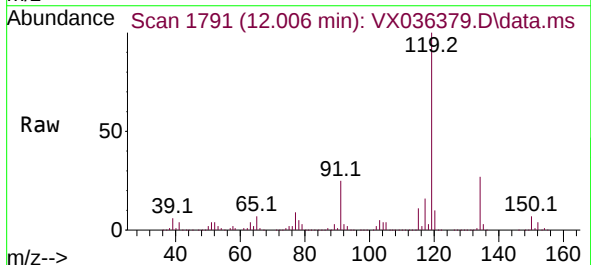
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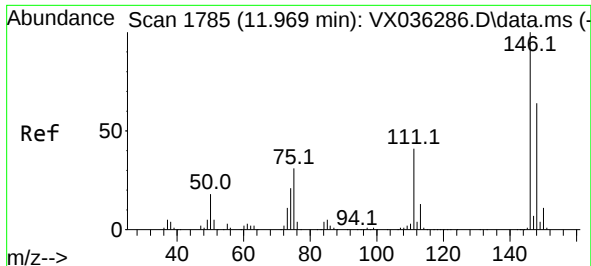
Reviewed By :John Carlone 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023



#86
 p-Isopropyltoluene
 Concen: 47.420 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036379.D
 Acq: 29 Jun 2023 15:40

Tgt Ion:119 Resp: 432064
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.881 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036379.D

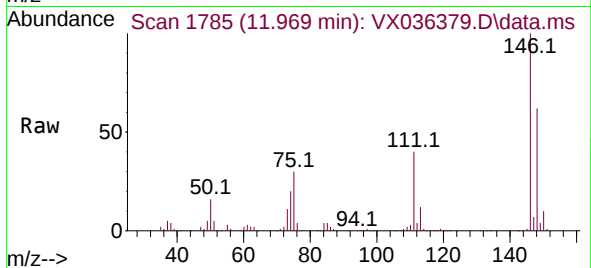
Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 24288

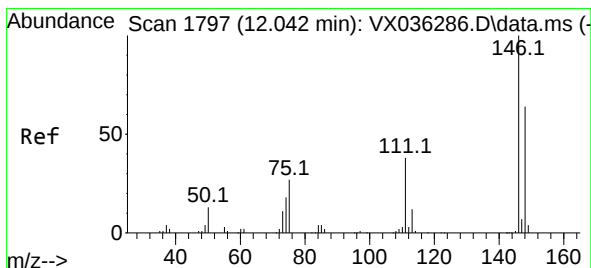
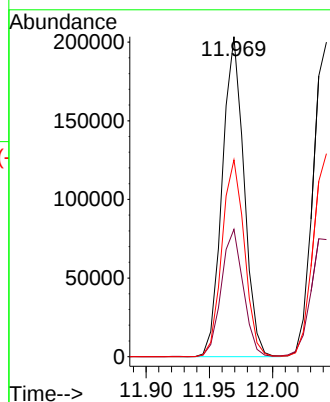
Ion	Ratio	Lower	Upper
146	100		
111	40.2	22.1	66.1
148	63.4	31.8	95.3

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Supervised By :Mahesh Dadoda 06/30/2023



#88

1,4-Dichlorobenzene

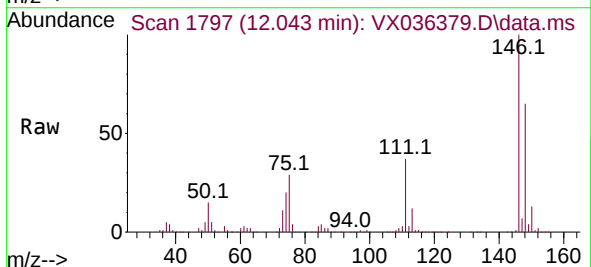
Concen: 50.237 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

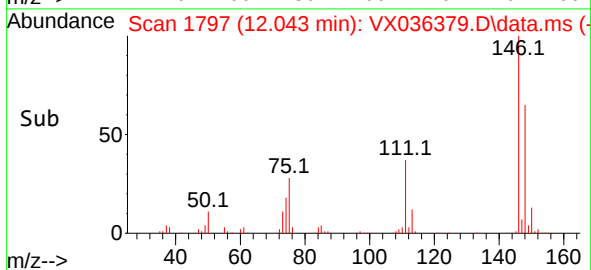
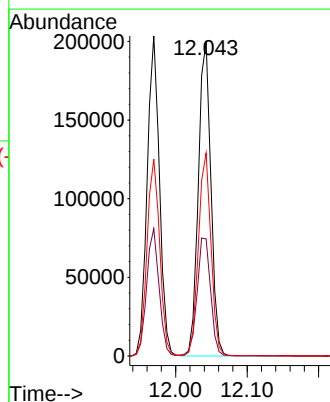
Lab File: VX036379.D

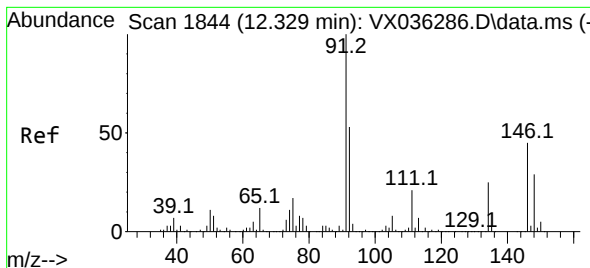
Acq: 29 Jun 2023 15:40



Tgt Ion:146 Resp: 244192

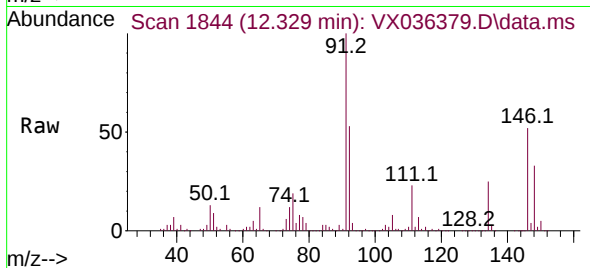
Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.3	63.7
148	64.2	31.8	95.4





#89
n-Butylbenzene
Concen: 45.317 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

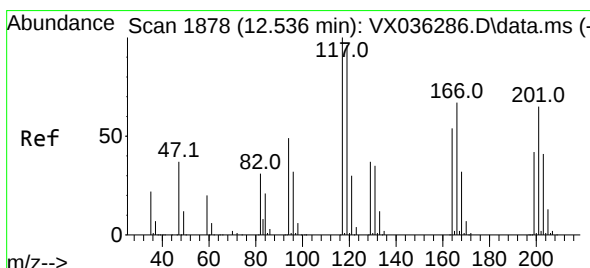
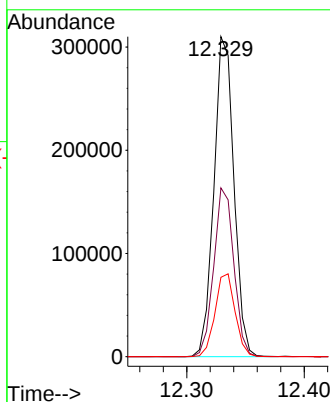
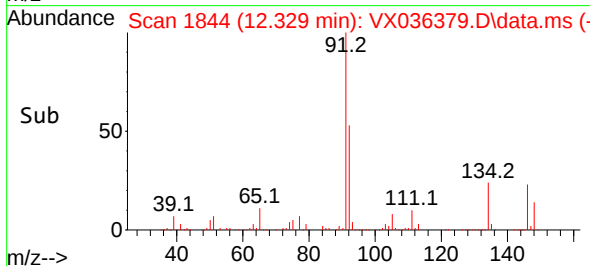
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 367470
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 26.1 12.6 37.8

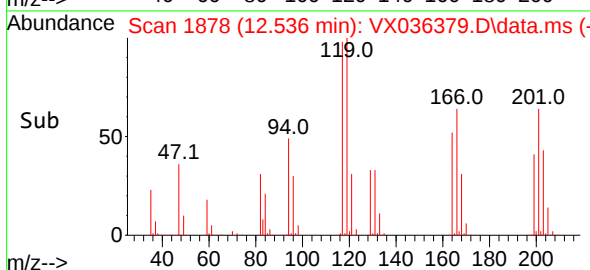
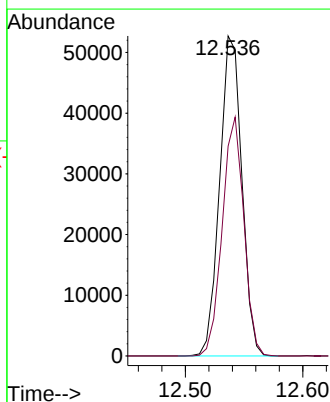
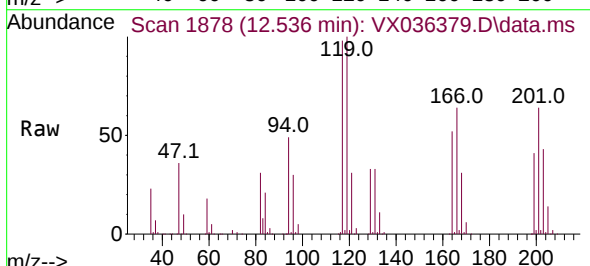
Manual Integrations
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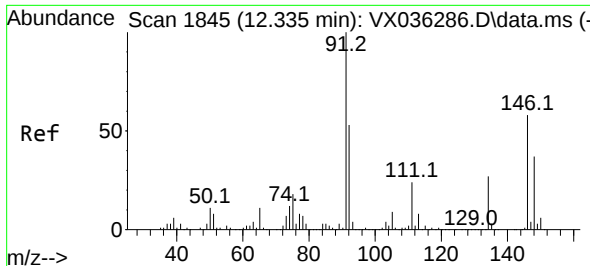
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#90
Hexachloroethane
Concen: 50.200 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Tgt Ion:117 Resp: 69276
Ion Ratio Lower Upper
117 100
201 72.7 32.9 98.6





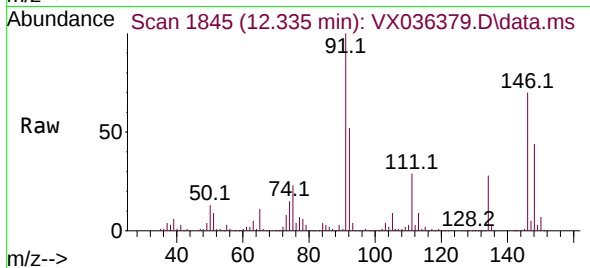
#91
1,2-Dichlorobenzene
Concen: 52.222 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



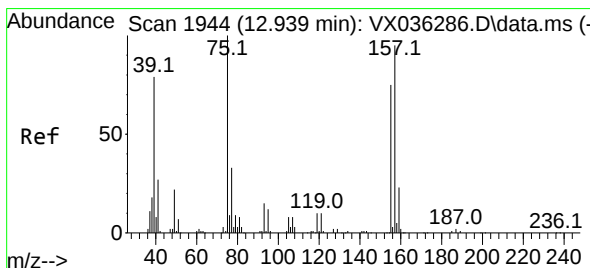
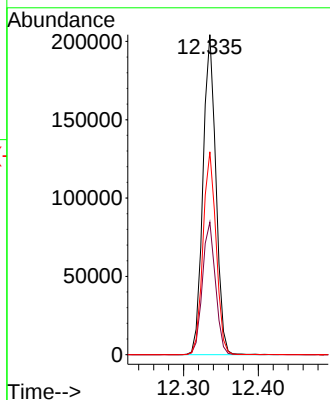
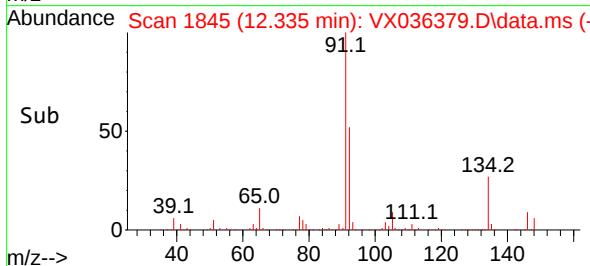
Tgt Ion:146 Resp: 24546
Ion Ratio Lower Upper
146 100
111 41.8 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations

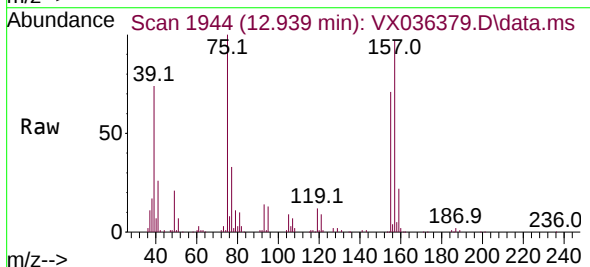
APPROVED

Reviewed By :John Carlone 06/30/2023

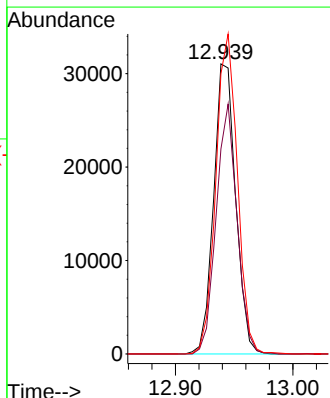
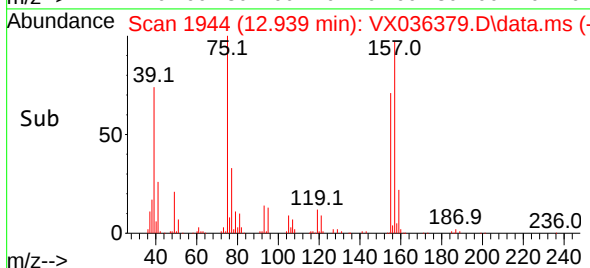
Supervised By :Mahesh Dadoda 06/30/2023

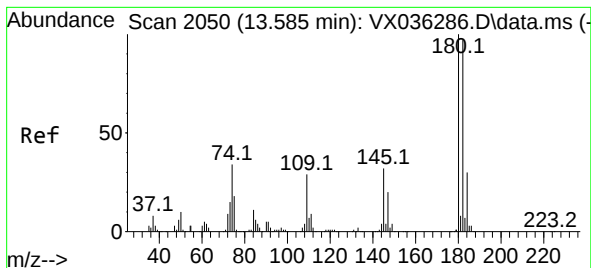


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.600 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



Tgt Ion: 75 Resp: 40479
Ion Ratio Lower Upper
75 100
155 81.6 36.1 108.5
157 108.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.717 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

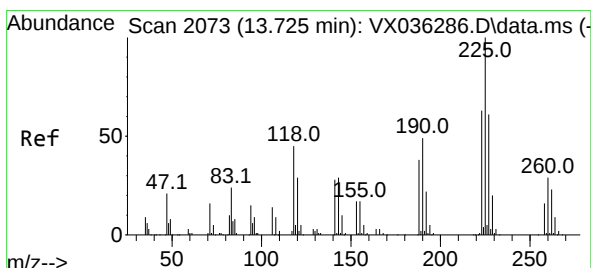
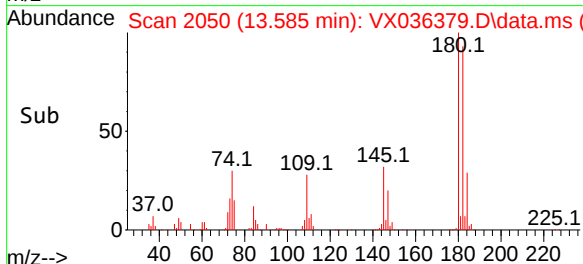
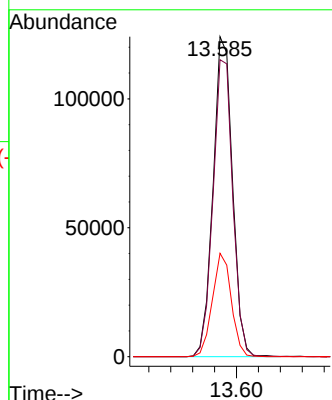
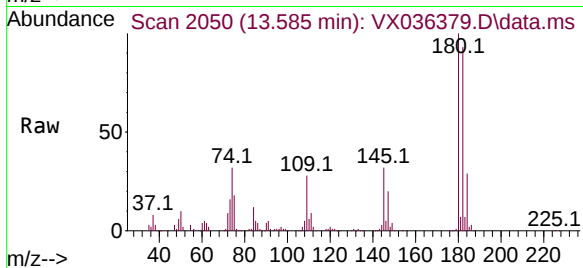
Tgt Ion:180	Resp:	15262
Ion Ratio	Lower	Upper
180	100	
182	94.5	48.3 144.8
145	31.6	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#94

Hexachlorobutadiene

Concen: 43.546 ug/l

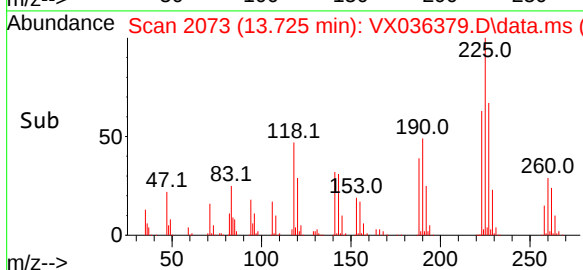
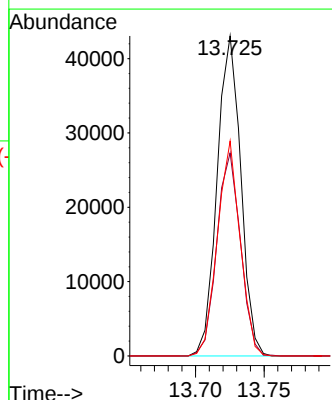
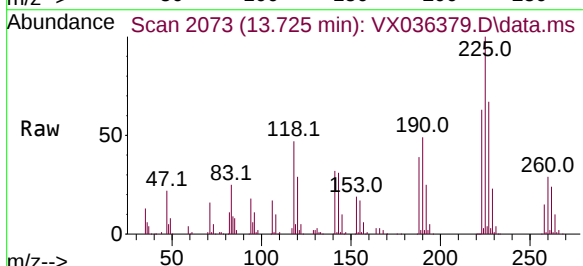
RT: 13.725 min Scan# 2073

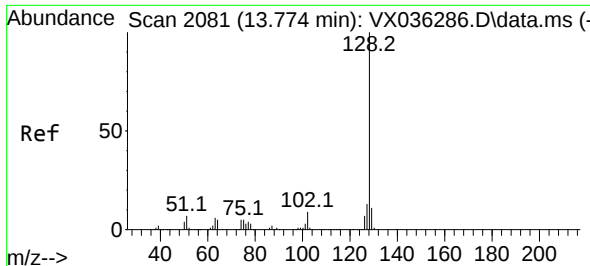
Delta R.T. 0.000 min

Lab File: VX036379.D

Acq: 29 Jun 2023 15:40

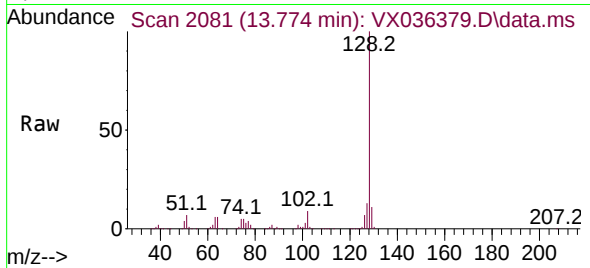
Tgt Ion:225	Resp:	51634
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.1 93.2
227	64.3	32.5 97.5





#95
Naphthalene
Concen: 55.547 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40

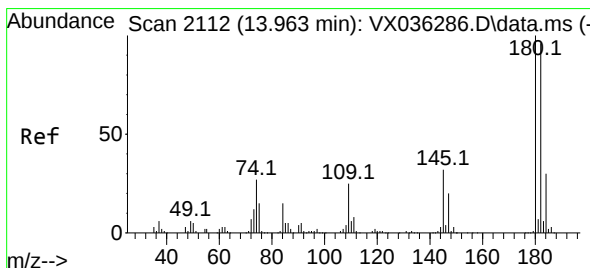
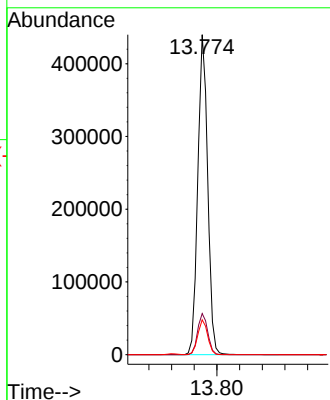
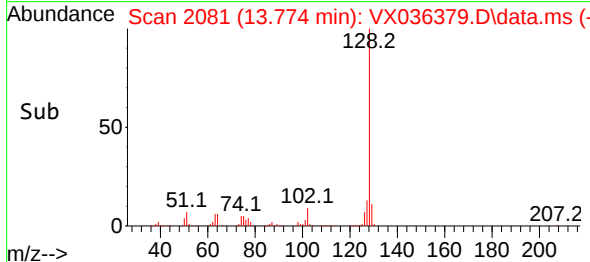
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



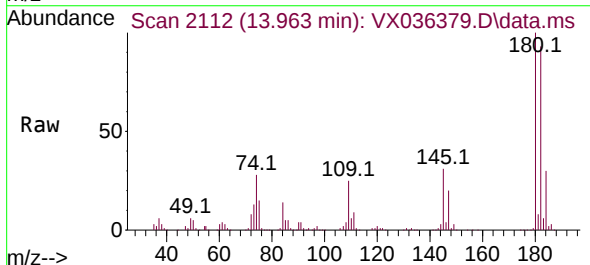
Tgt Ion:128 Resp: 531290
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.819 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036379.D
Acq: 29 Jun 2023 15:40



Tgt Ion:180 Resp: 151991
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 32.6 17.8 53.5

