

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036301.D
 Acq On : 24 Jun 2023 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/26/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 26 03:20:38 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	203025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	340660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153905	52.884	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.760%			
35) Dibromofluoromethane	5.385	113	122837	54.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.380%			
50) Toluene-d8	8.647	98	450506	53.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.400%			
62) 4-Bromofluorobenzene	11.079	95	165914	56.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99162	51.590	ug/l	99
3) Chloromethane	1.294	50	155000	46.486	ug/l	97
4) Vinyl Chloride	1.374	62	174714	47.929	ug/l	100
5) Bromomethane	1.618	94	127376	47.754	ug/l	99
6) Chloroethane	1.691	64	133817	50.005	ug/l	99
7) Trichlorofluoromethane	1.886	101	281398	50.775	ug/l	99
8) Diethyl Ether	2.130	74	106971	50.001	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	124207	53.401	ug/l	97
10) Methyl Iodide	2.453	142	145849	51.750	ug/l	91
11) Tert butyl alcohol	3.020	59	130892	247.086	ug/l	100
12) 1,1-Dichloroethene	2.319	96	114894	49.795	ug/l	95
13) Acrolein	2.239	56	182644	251.047	ug/l	99
14) Allyl chloride	2.666	41	199970	53.330	ug/l	97
15) Acrylonitrile	3.068	53	340834	253.834	ug/l	99
16) Acetone	2.398	43	335307	269.559	ug/l	91
17) Carbon Disulfide	2.514	76	289379	51.066	ug/l	99
18) Methyl Acetate	2.709	43	260590	50.944	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	387824	52.011	ug/l	97
20) Methylene Chloride	2.788	84	128536	47.992	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	122168	49.618	ug/l	95
22) Diisopropyl ether	3.757	45	391193	52.065	ug/l	90
23) Vinyl Acetate	3.721	43	1467185	269.078	ug/l	98
24) 1,1-Dichloroethane	3.611	63	228161	51.526	ug/l	99
25) 2-Butanone	4.562	43	473406	264.879	ug/l	96
26) 2,2-Dichloropropane	4.477	77	186479	59.379	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	141645	51.297	ug/l	95
28) Bromochloromethane	4.891	49	98550	42.913	ug/l	93
29) Tetrahydrofuran	5.013	42	291103	255.830	ug/l	95
30) Chloroform	5.093	83	228669	51.271	ug/l	95
31) Cyclohexane	5.471	56	195720	52.480	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	200877	53.920	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172525	51.527	ug/l	98
37) Ethyl Acetate	4.708	43	181593	53.212	ug/l	98
38) Carbon Tetrachloride	5.678	117	172257	56.329	ug/l	98
39) Methylcyclohexane	7.379	83	222464	55.472	ug/l	95
40) Benzene	6.037	78	494062	52.822	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	100146	52.900	ug/l	94
42) 1,2-Dichloroethane	6.080	62	188815	53.074	ug/l	98
43) Isopropyl Acetate	6.336	43	295590	54.296	ug/l	98
44) Trichloroethene	7.123	130	133545	51.332	ug/l	92
45) 1,2-Dichloropropane	7.427	63	135565	53.217	ug/l	97
46) Dibromomethane	7.580	93	93970	52.405	ug/l	94
47) Bromodichloromethane	7.818	83	178566	55.067	ug/l	99
48) Methyl methacrylate	7.690	41	148630	54.756	ug/l	94
49) 1,4-Dioxane	7.714	88	54504	905.761	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	933426	266.130	ug/l	98
52) Toluene	8.720	92	305538	51.545	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	195169	59.583	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	211612	57.148	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	127391	51.712	ug/l	94
56) Ethyl methacrylate	9.116	69	201081	54.571	ug/l	98
57) 1,3-Dichloropropane	9.305	76	217387	51.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	567677	274.136	ug/l	98
59) 2-Hexanone	9.427	43	711558	277.812	ug/l	98
60) Dibromochloromethane	9.519	129	133051	55.588	ug/l	99
61) 1,2-Dibromoethane	9.610	107	136989	52.399	ug/l	98
64) Tetrachloroethene	9.275	164	111807	51.647	ug/l	97
65) Chlorobenzene	10.079	112	341295	52.954	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	121778	55.900	ug/l	97
67) Ethyl Benzene	10.195	91	613948	53.582	ug/l	99
68) m/p-Xylenes	10.299	106	473378	106.337	ug/l	96
69) o-Xylene	10.640	106	230568	53.634	ug/l	97
70) Styrene	10.653	104	376249	53.455	ug/l	97
71) Bromoform	10.799	173	92648	59.292	ug/l #	99
73) Isopropylbenzene	10.963	105	595560	52.912	ug/l	98
74) N-amyl acetate	10.842	43	258966	58.167	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	196076	51.442	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	165152m	51.840	ug/l	
77) Bromobenzene	11.195	156	142035	51.320	ug/l	94
78) n-propylbenzene	11.305	91	706533	53.749	ug/l	99
79) 2-Chlorotoluene	11.366	91	405092	51.804	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	508054	53.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57846	59.189	ug/l	94
82) 4-Chlorotoluene	11.451	91	481571	52.898	ug/l	97
83) tert-Butylbenzene	11.713	119	493963	54.072	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	501768	53.207	ug/l	97
85) sec-Butylbenzene	11.890	105	628294	54.290	ug/l	100
86) p-Isopropyltoluene	12.006	119	531958	54.771	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	270877	53.233	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	269982	52.106	ug/l	98
89) n-Butylbenzene	12.329	91	489077	56.582	ug/l	98
90) Hexachloroethane	12.536	117	84168	57.217	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	264459	52.782	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41547	57.387	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	170840	55.357	ug/l	97
94) Hexachlorobutadiene	13.725	225	70190	55.532	ug/l	100
95) Naphthalene	13.774	128	555114	54.446	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165449	54.959	ug/l	98

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

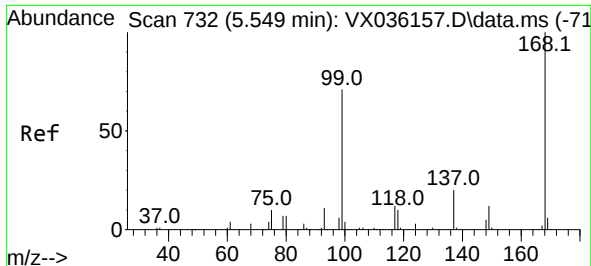
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

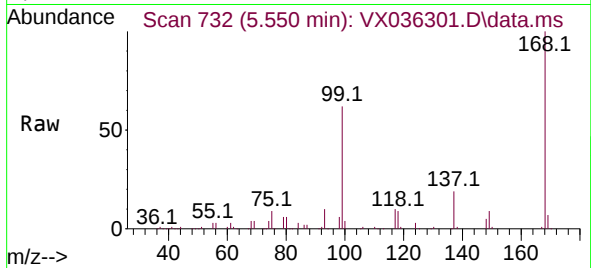
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

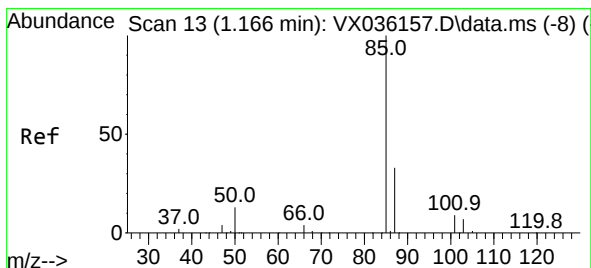
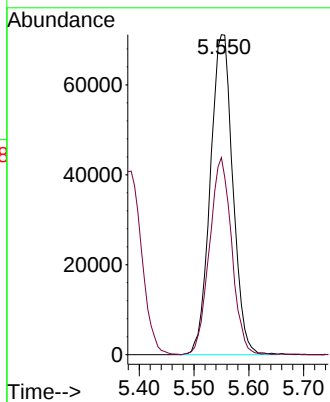
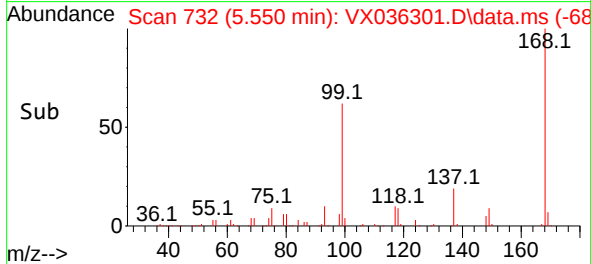
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20302
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0

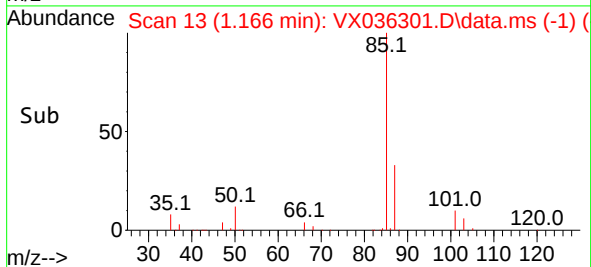
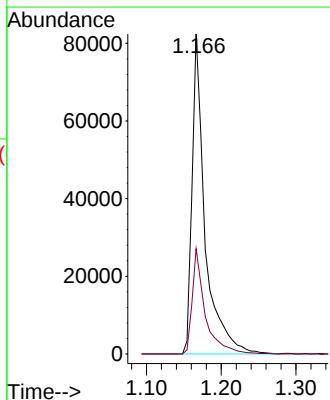
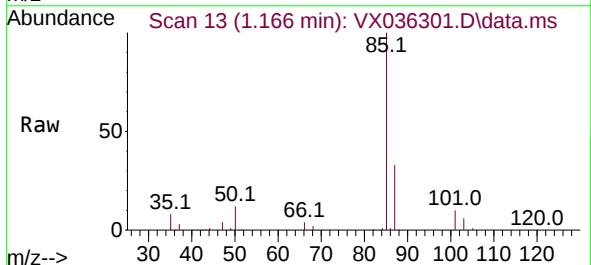
Manual Integrations
APPROVED

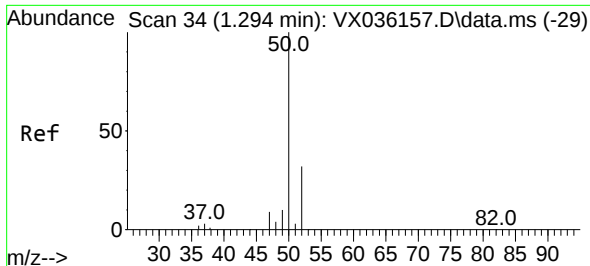
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 51.590 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

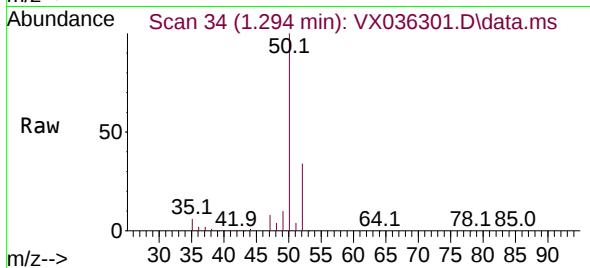
Tgt Ion: 85 Resp: 99162
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3
Chloromethane
Concen: 46.486 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

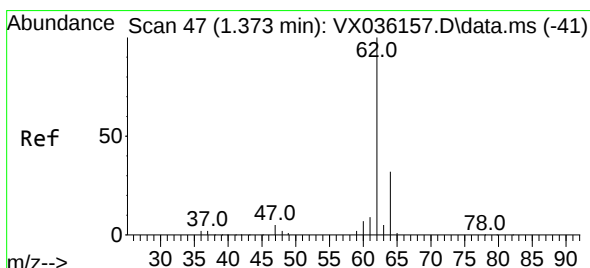
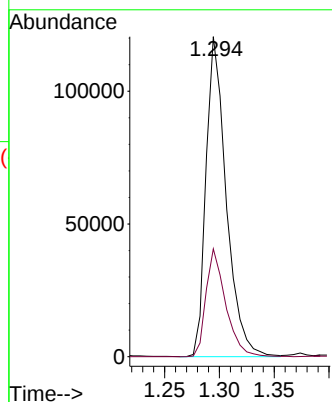
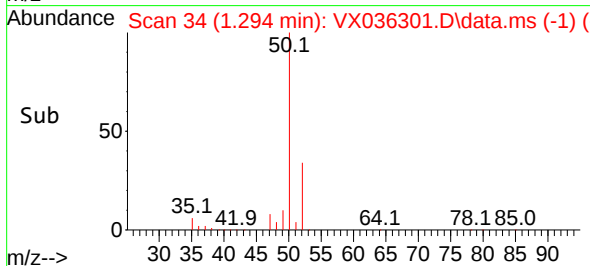
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



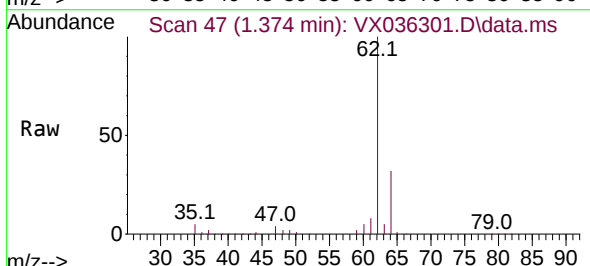
Tgt Ion: 50 Resp: 155000
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

Manual Integrations
APPROVED

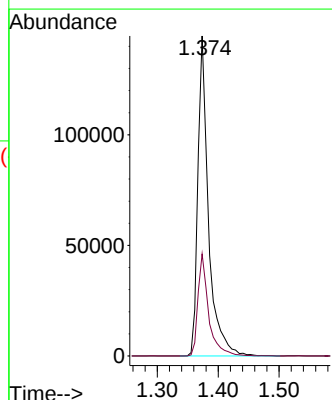
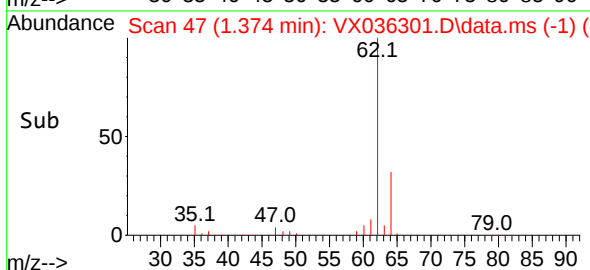
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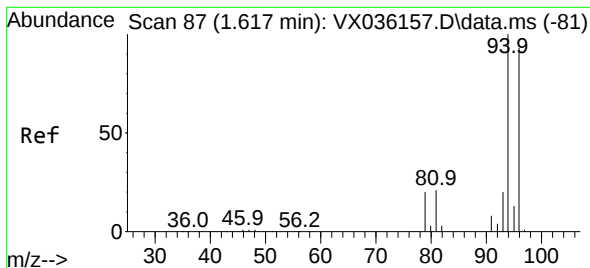


#4
Vinyl Chloride
Concen: 47.929 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



Tgt Ion: 62 Resp: 174714
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 47.754 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 127376

Ion Ratio Lower Upper

94 100

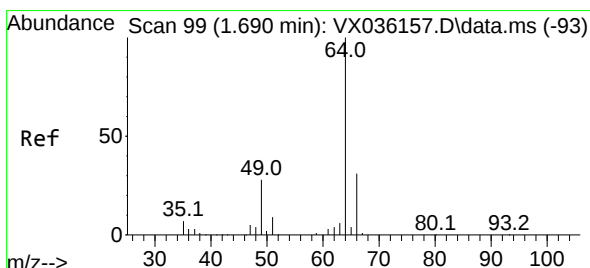
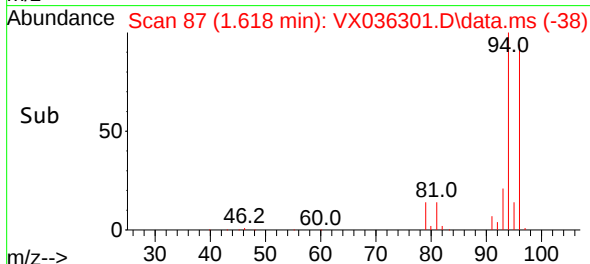
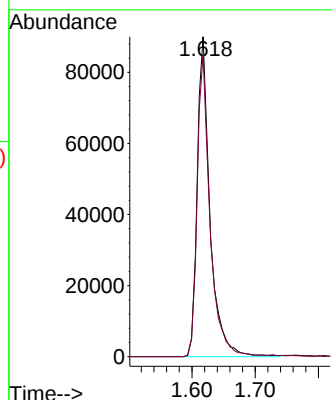
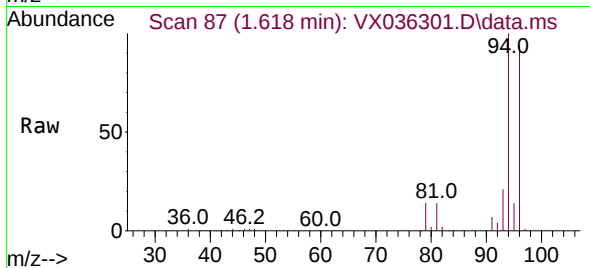
96 94.3 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 50.005 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX036301.D

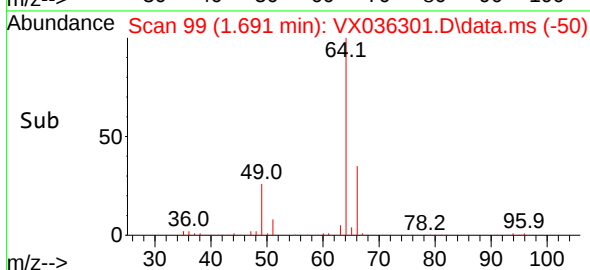
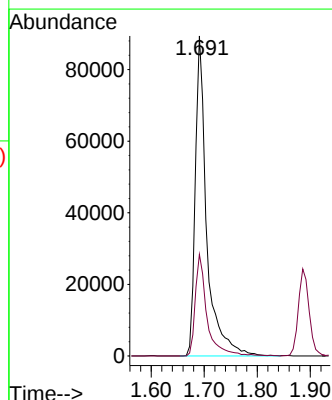
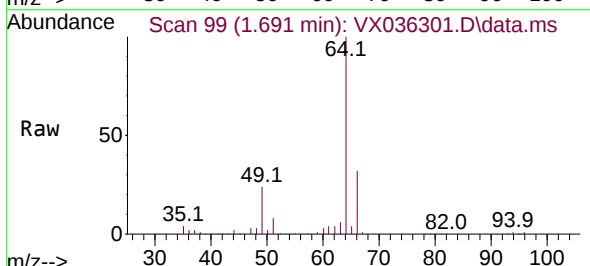
Acq: 24 Jun 2023 11:04

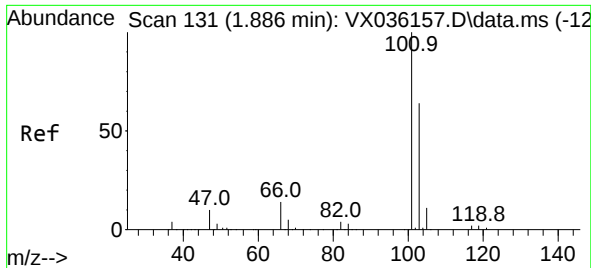
Tgt Ion: 64 Resp: 133817

Ion Ratio Lower Upper

64 100

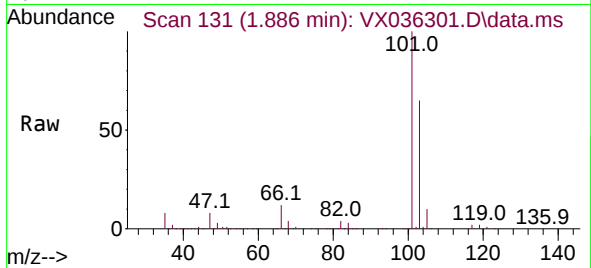
66 31.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.775 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

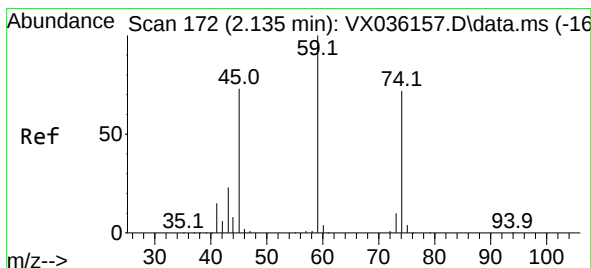
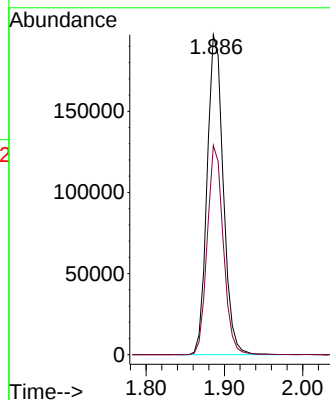
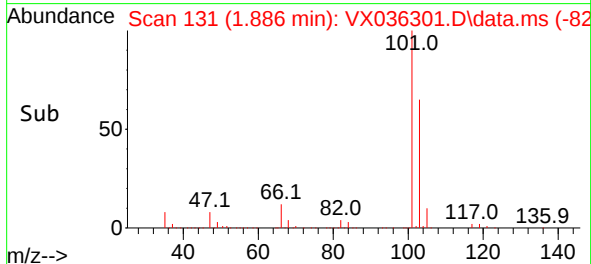
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 281398
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

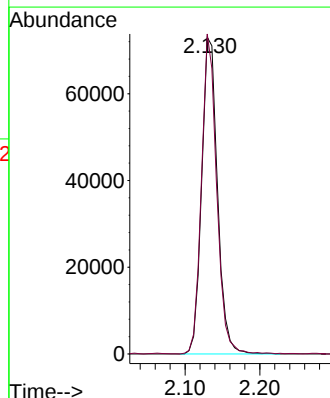
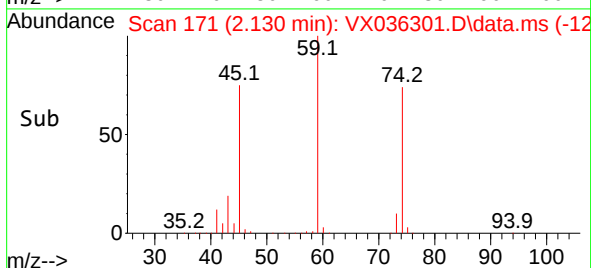
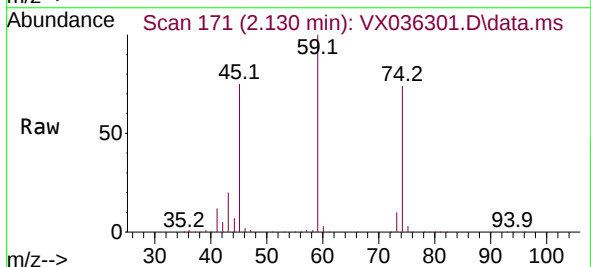
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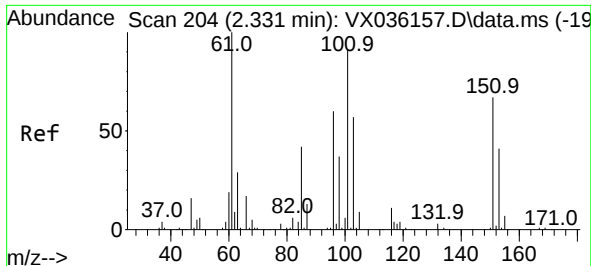
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#8
Diethyl Ether
Concen: 50.001 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 74 Resp: 106971
Ion Ratio Lower Upper
74 100
45 97.7 53.3 159.8





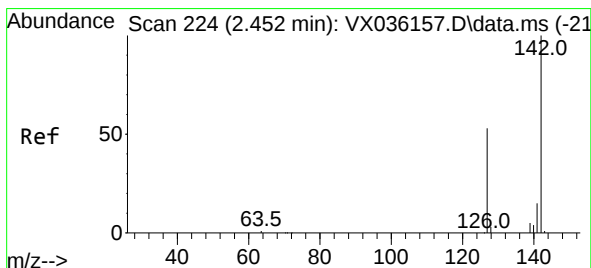
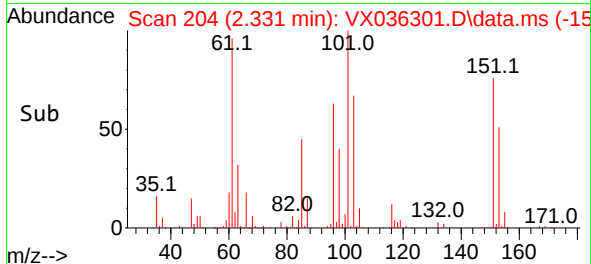
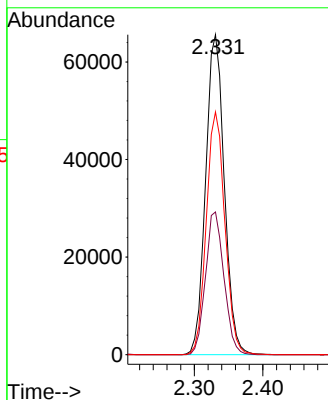
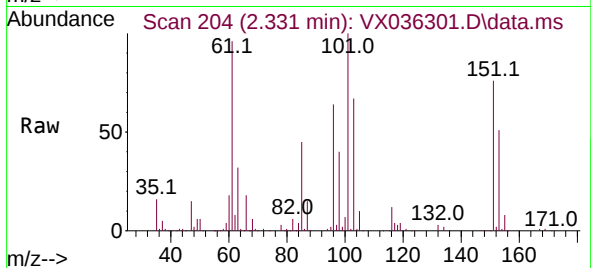
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.401 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12420
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 75.5 58.6 87.8

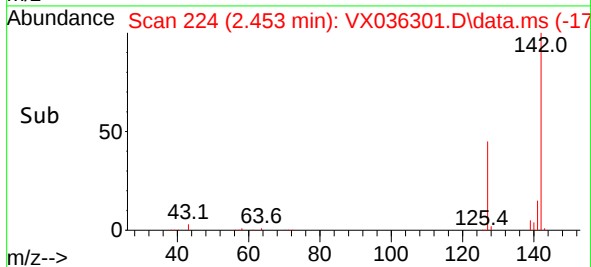
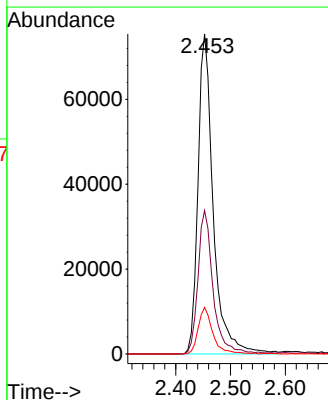
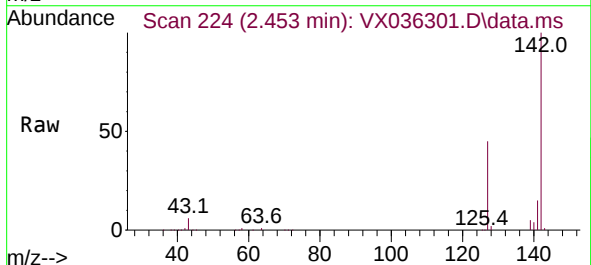
Manual Integrations
APPROVED

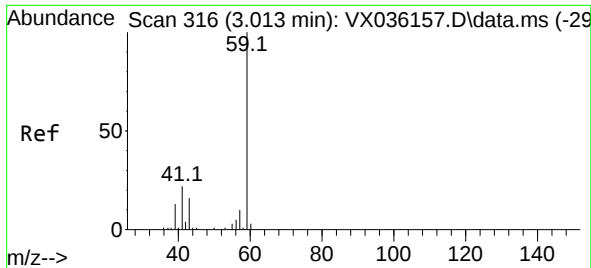
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
Methyl Iodide
Concen: 51.750 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

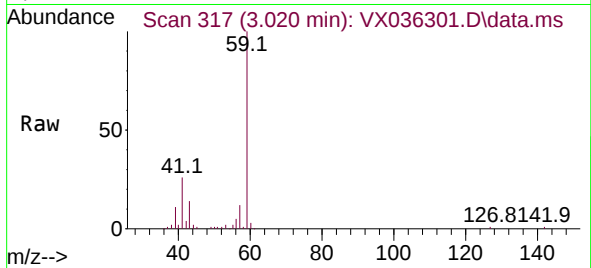
Tgt Ion:142 Resp: 145849
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 247.086 ug/l
RT: 3.020 min Scan# 316
Delta R.T. 0.007 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

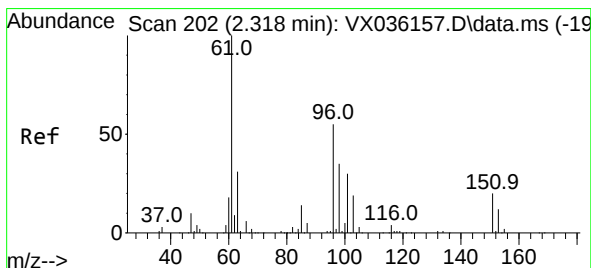
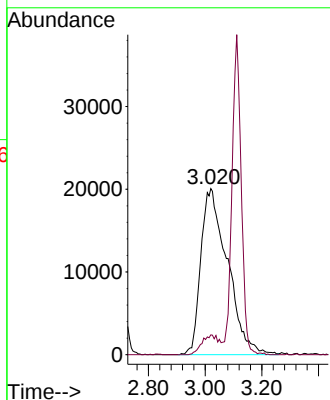
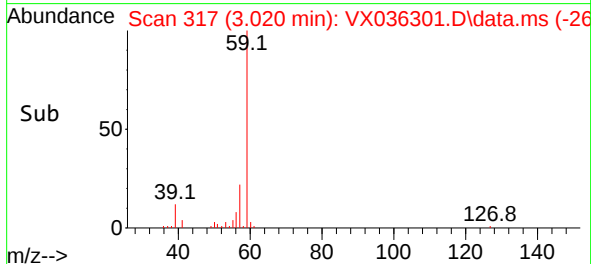
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 130892
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0

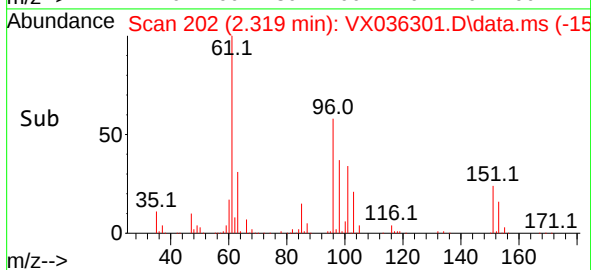
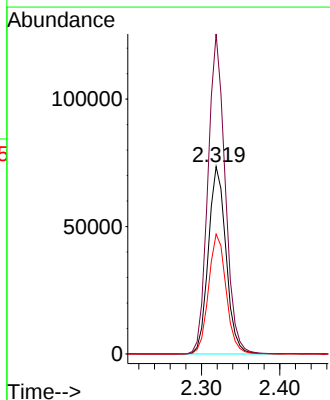
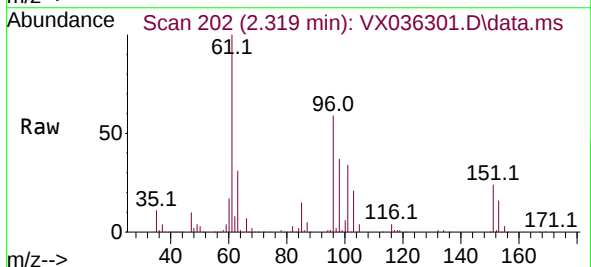
Manual Integrations
APPROVED

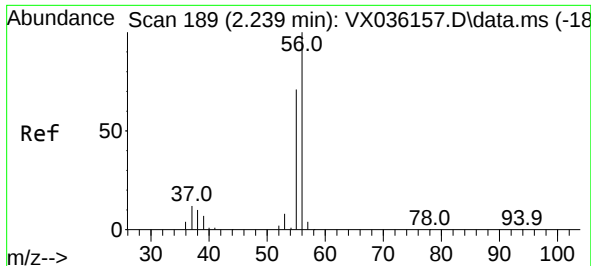
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
1,1-Dichloroethene
Concen: 49.795 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

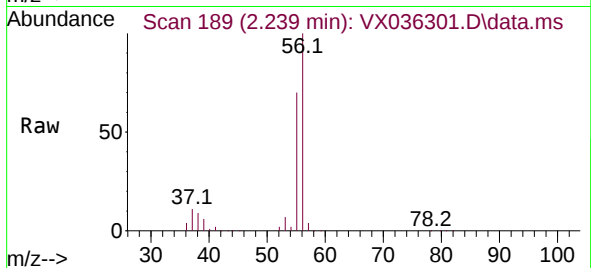
Tgt Ion: 96 Resp: 114894
Ion Ratio Lower Upper
96 100
61 170.8 144.6 216.8
98 64.0 50.4 75.6





#13
Acrolein
Concen: 251.047 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

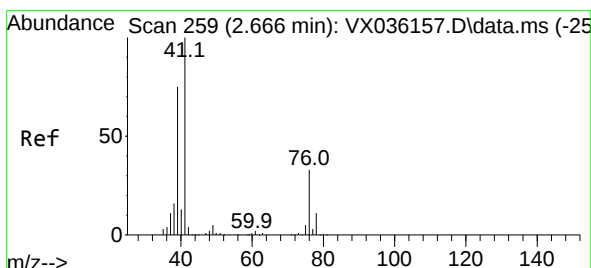
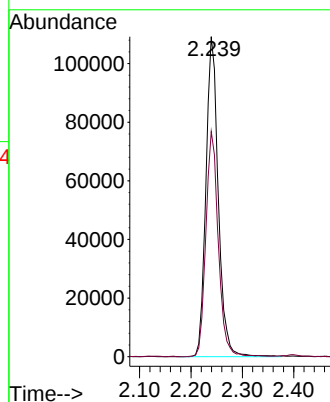
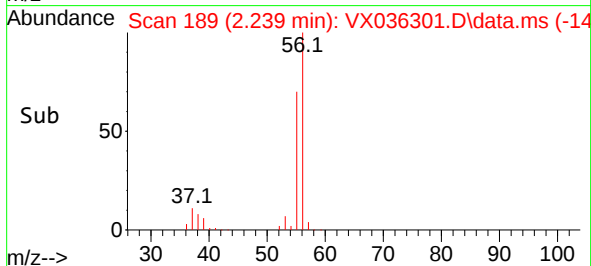
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 182644
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

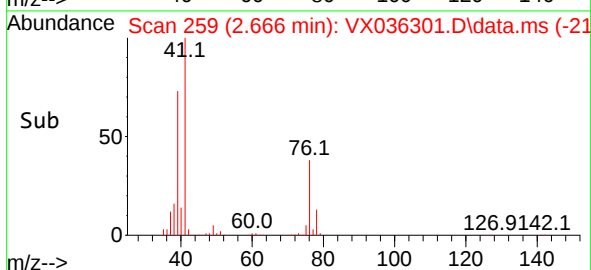
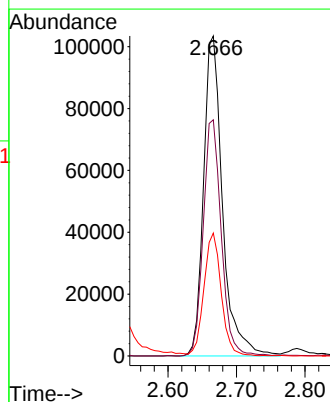
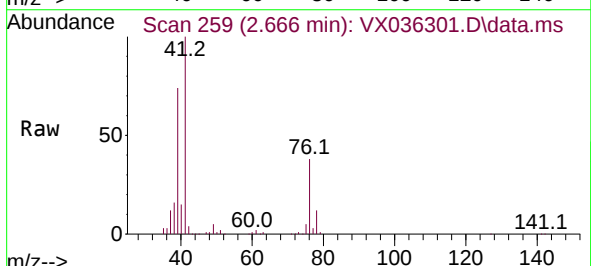
Manual Integrations
APPROVED

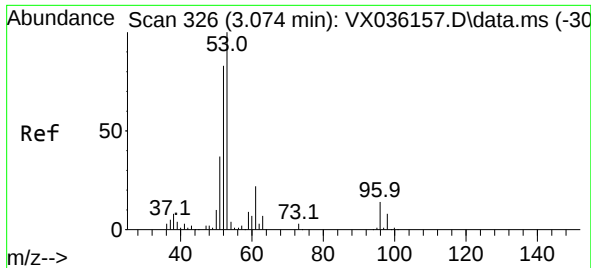
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Allyl chloride
Concen: 53.330 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

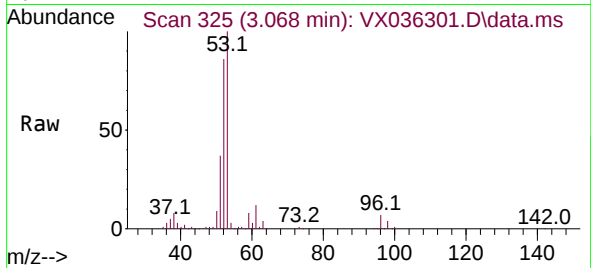
Tgt Ion: 41 Resp: 199970
Ion Ratio Lower Upper
41 100
39 69.9 55.8 83.6
76 34.8 24.3 36.5





#15
Acrylonitrile
Concen: 253.834 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

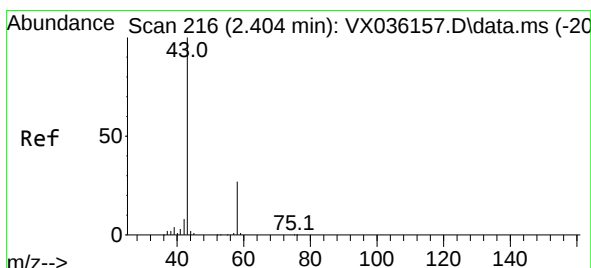
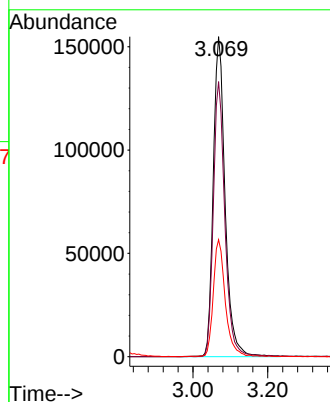
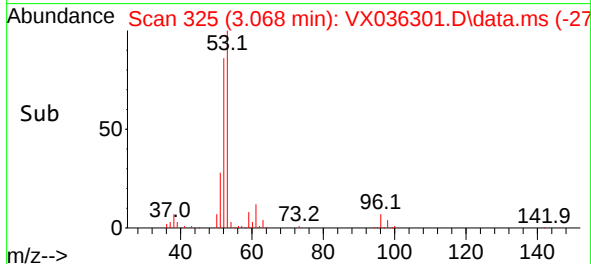
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 340834
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 36.6 29.8 44.6

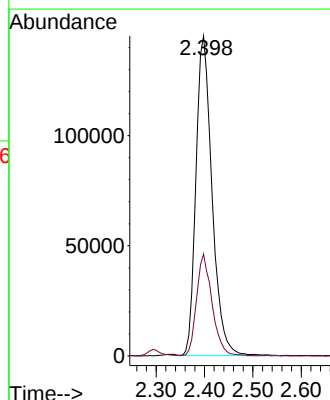
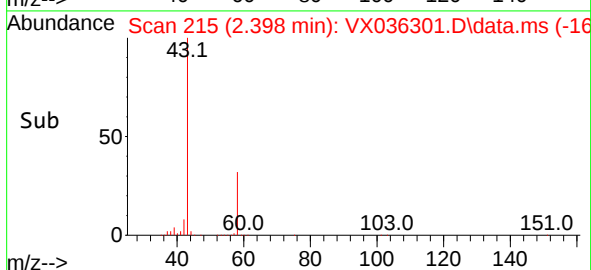
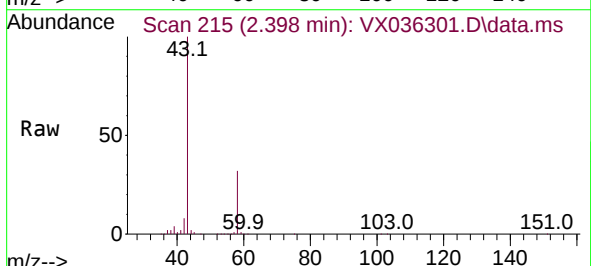
Manual Integrations
APPROVED

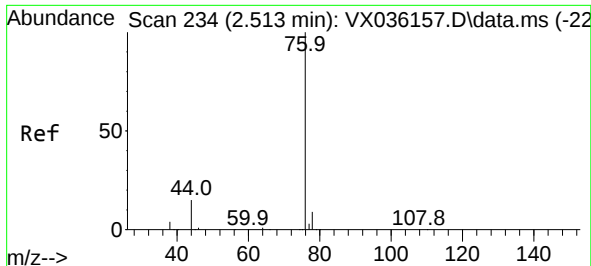
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Acetone
Concen: 269.559 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 43 Resp: 335307
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17
Carbon Disulfide
Concen: 51.066 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

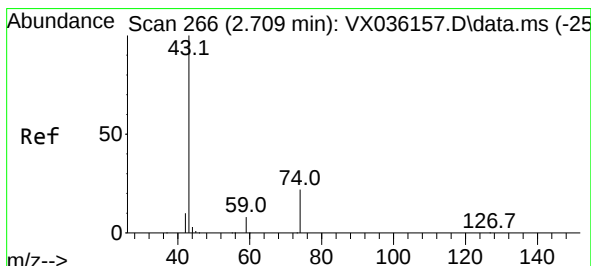
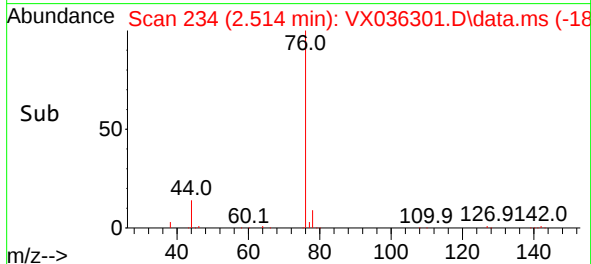
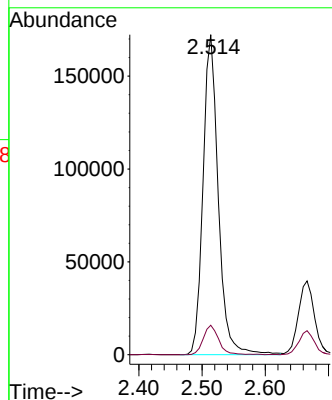
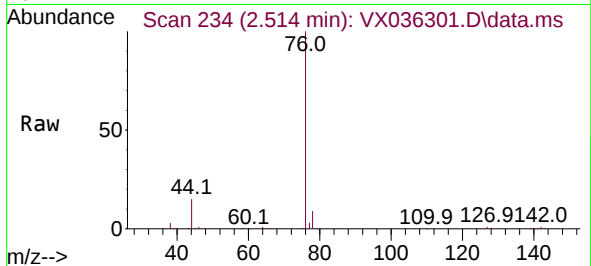
VSTDCCC050

Tgt Ion: 76 Resp: 289379
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

Manual Integrations

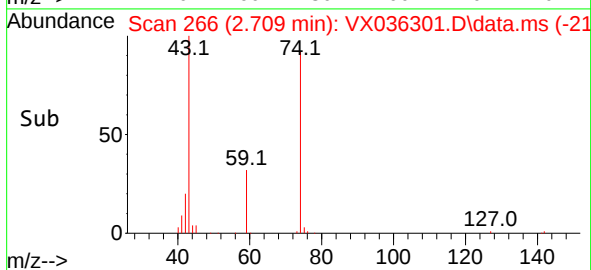
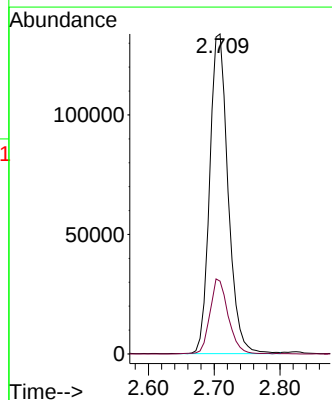
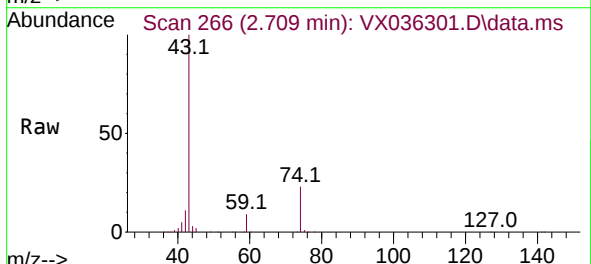
APPROVED

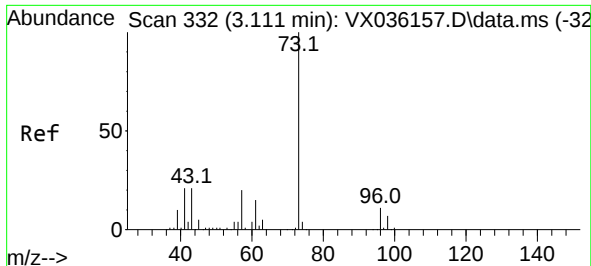
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#18
Methyl Acetate
Concen: 50.944 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

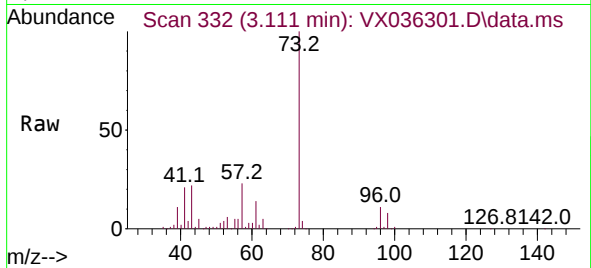
Tgt Ion: 43 Resp: 260590
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 52.011 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

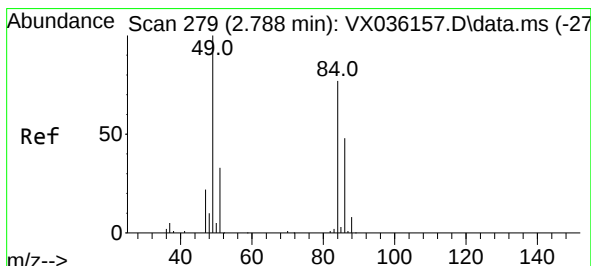
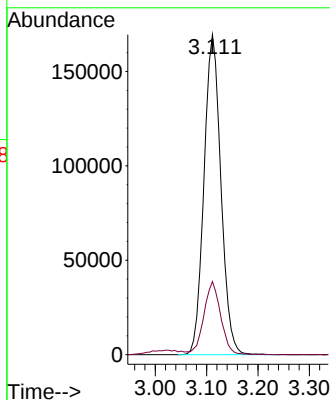
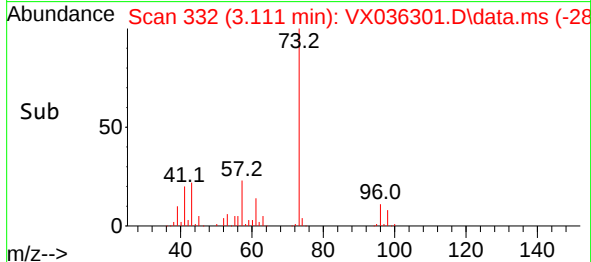
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



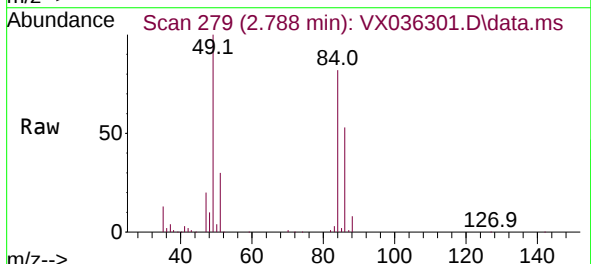
Tgt Ion: 73 Resp: 387824
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

Manual Integrations
APPROVED

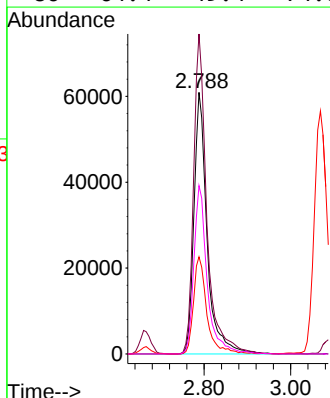
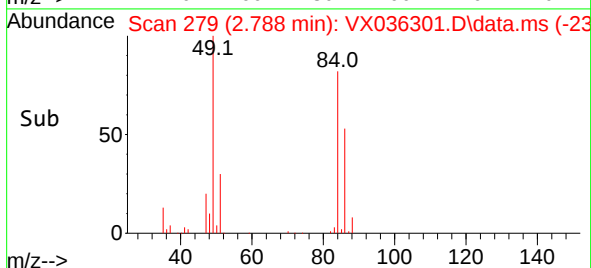
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

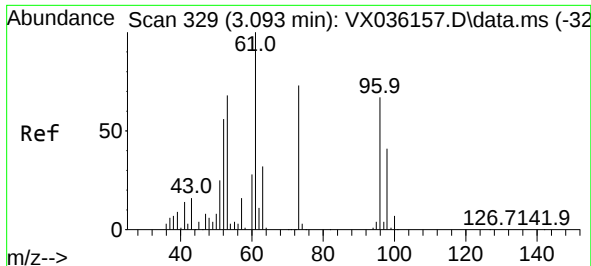


#20
Methylene Chloride
Concen: 47.992 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



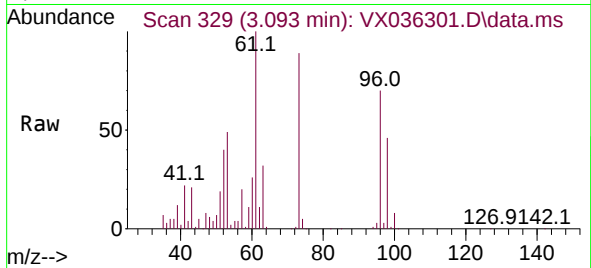
Tgt Ion: 84 Resp: 128536
Ion Ratio Lower Upper
84 100
49 122.4 103.6 155.4
51 37.1 33.8 50.6
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.618 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

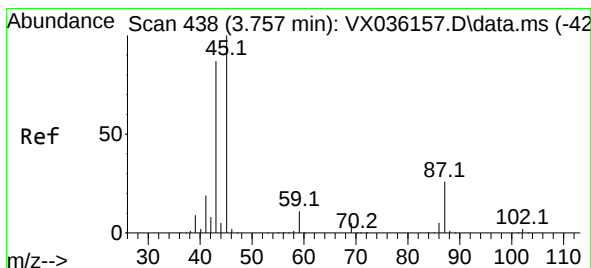
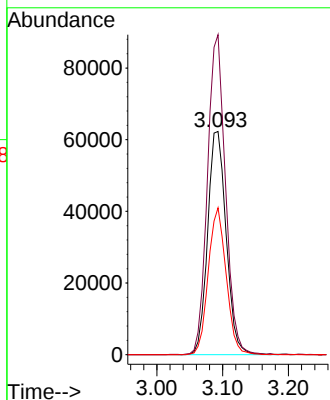
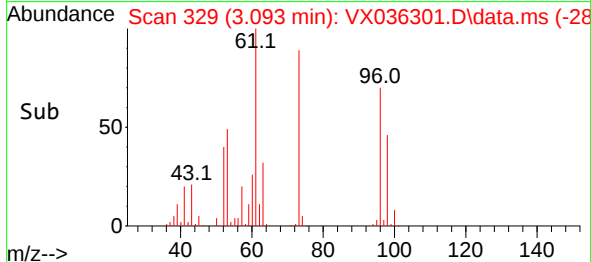
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 122168
Ion Ratio Lower Upper
96 100
61 143.3 119.2 178.8
98 65.8 48.7 73.1

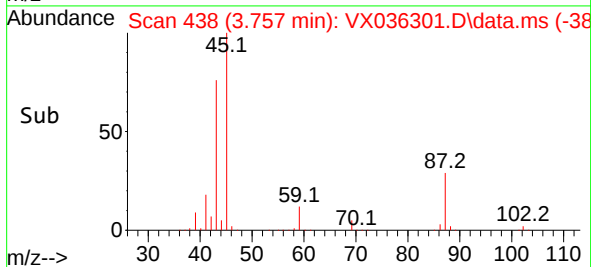
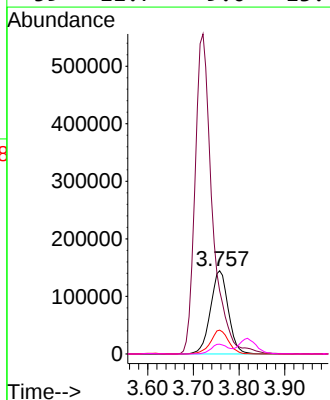
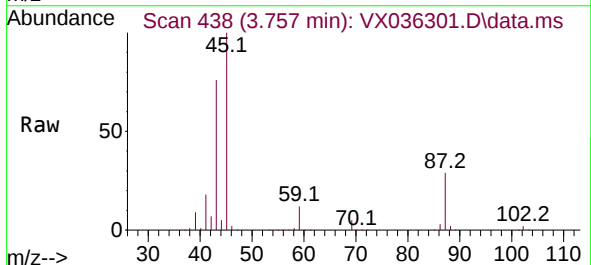
Manual Integrations
APPROVED

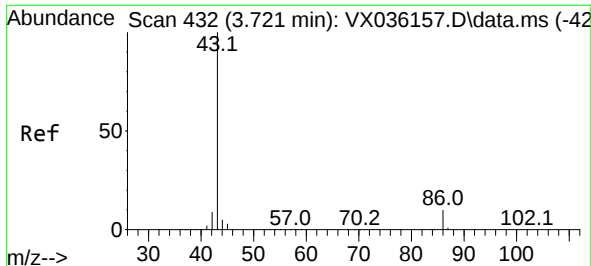
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
Diisopropyl ether
Concen: 52.065 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 45 Resp: 391193
Ion Ratio Lower Upper
45 100
43 75.9 69.7 104.5
87 28.7 20.8 31.2
59 11.7 9.0 13.4





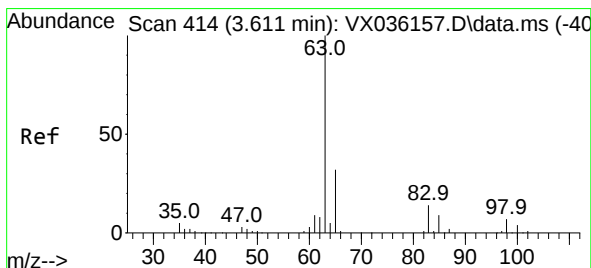
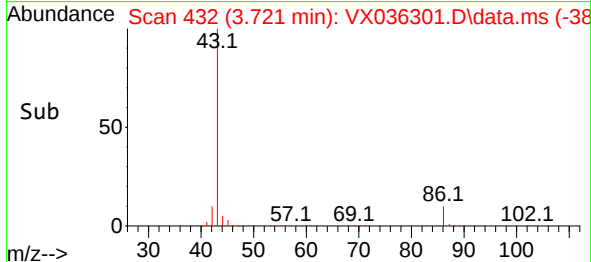
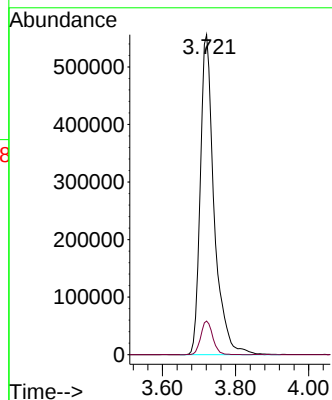
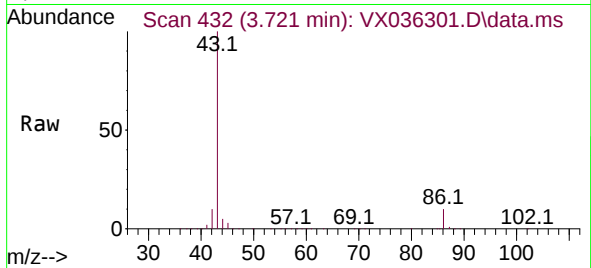
#23
 Vinyl Acetate
 Concen: 269.078 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036301.D
 Acq: 24 Jun 2023 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 146718
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

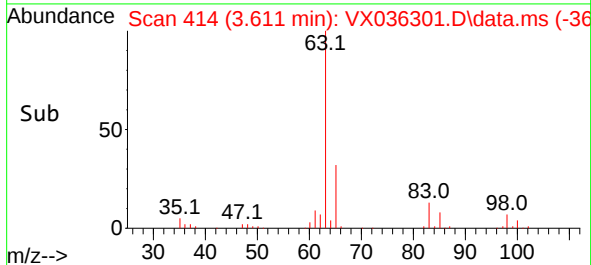
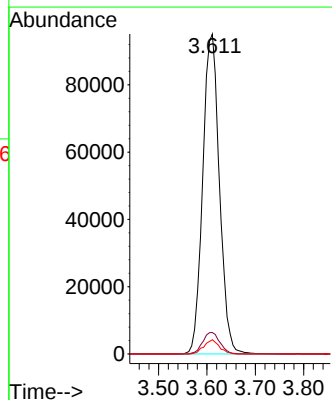
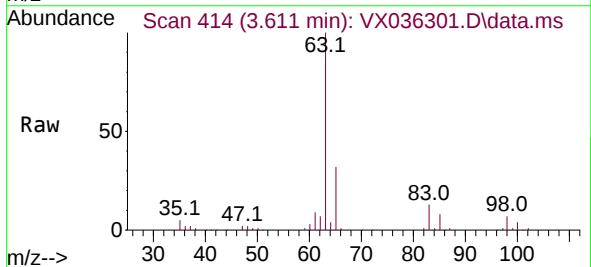
Manual Integrations
 APPROVED

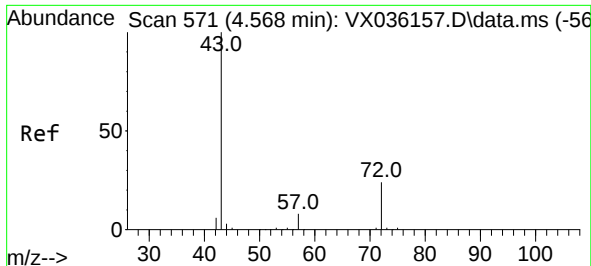
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#24
 1,1-Dichloroethane
 Concen: 51.526 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036301.D
 Acq: 24 Jun 2023 11:04

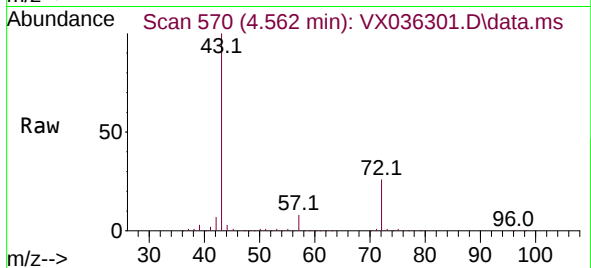
Tgt Ion: 63 Resp: 228161
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 264.879 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

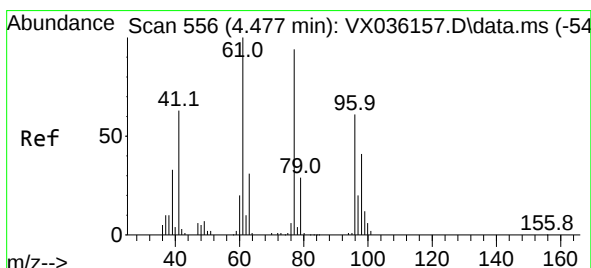
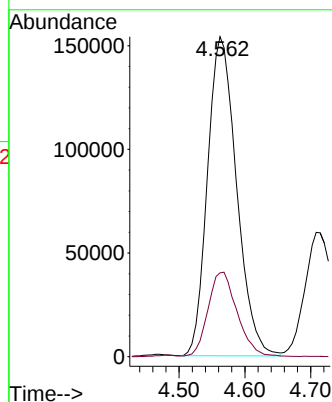
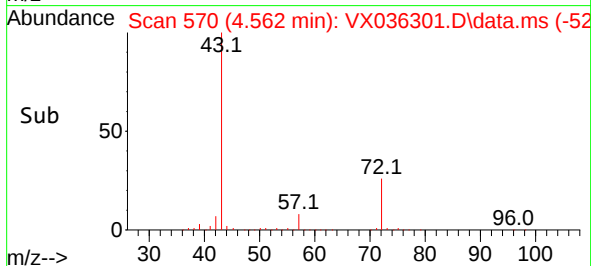
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 473400
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

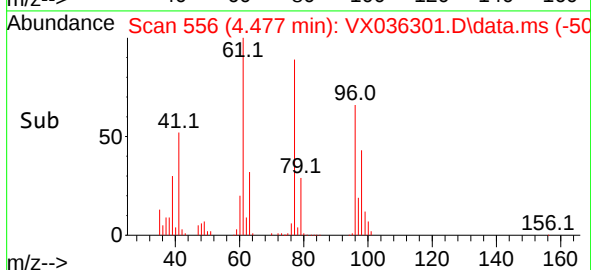
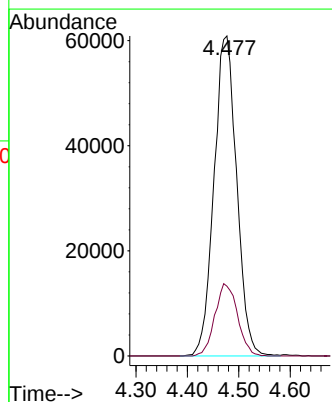
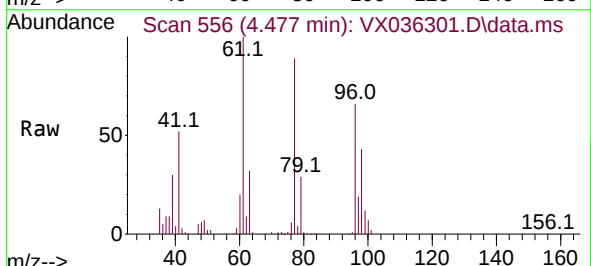
Manual Integrations
APPROVED

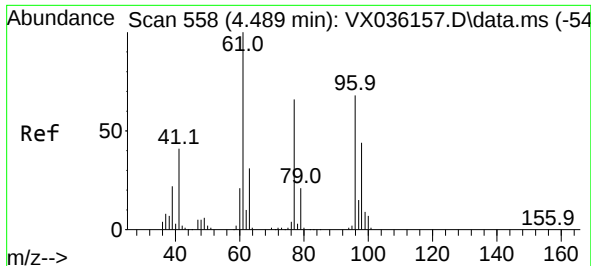
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#26
2,2-Dichloropropane
Concen: 59.379 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 77 Resp: 186479
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.297 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 14164

Ion Ratio Lower Upper

96 100

61 147.9 0.0 312.2

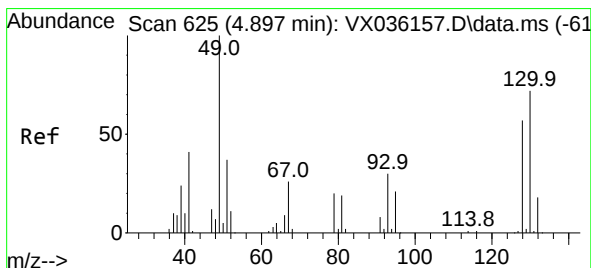
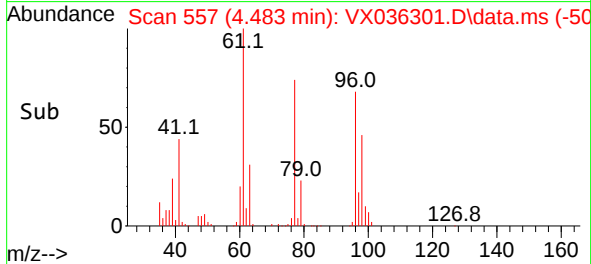
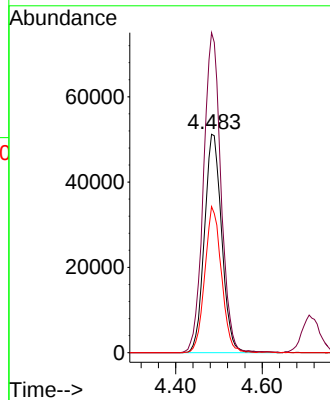
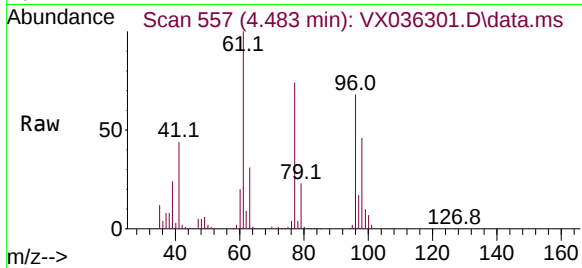
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#28

Bromochloromethane

Concen: 42.913 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

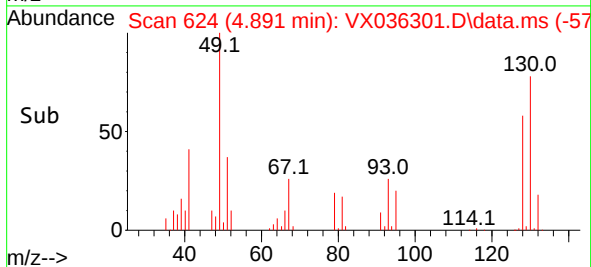
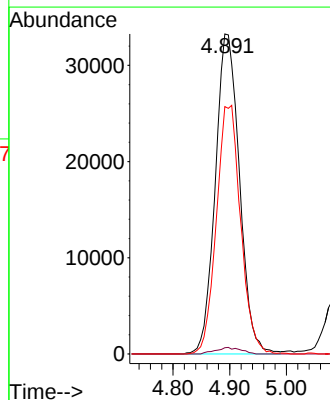
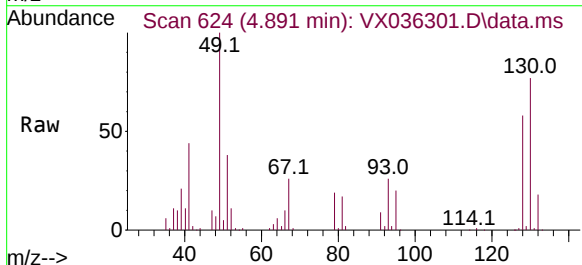
Tgt Ion: 49 Resp: 98550

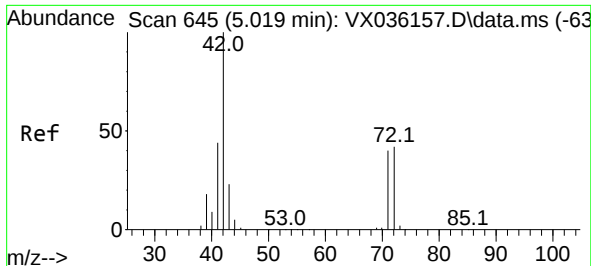
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 77.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.830 ug/l

RT: 5.013 min Scan# 645

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 29110

Ion Ratio Lower Upper

42 100

72 46.0 34.2 51.4

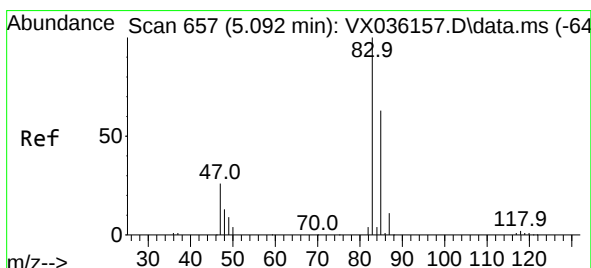
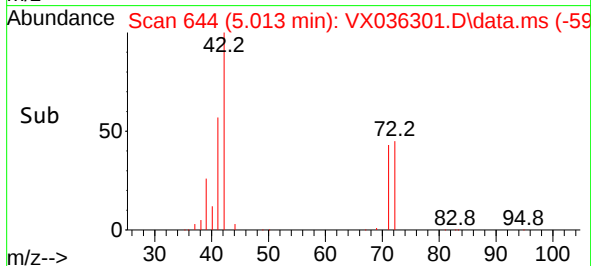
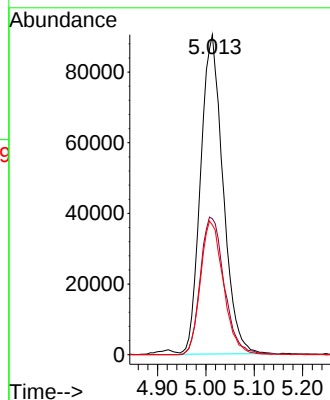
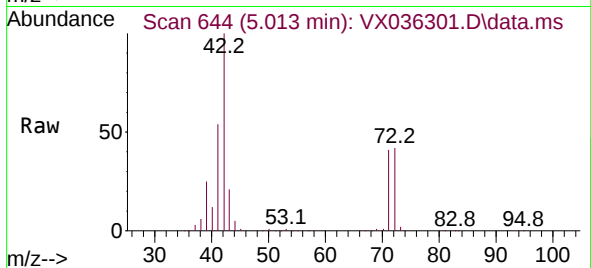
71 42.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

Chloroform

Concen: 51.271 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX036301.D

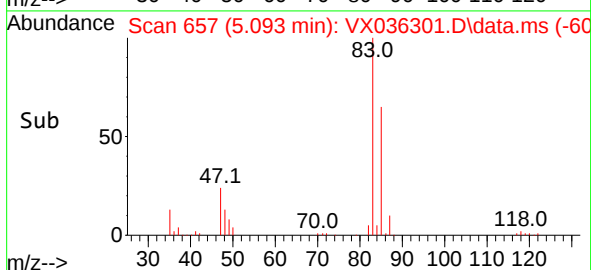
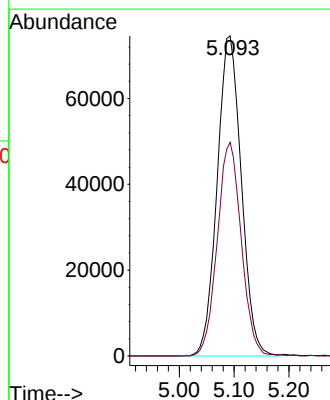
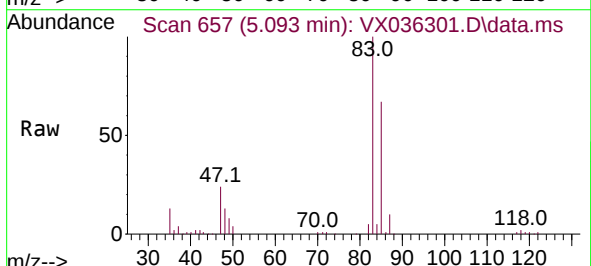
Acq: 24 Jun 2023 11:04

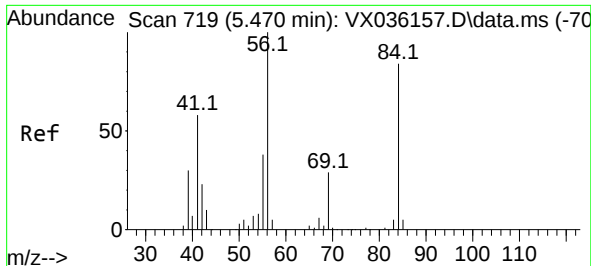
Tgt Ion: 83 Resp: 228669

Ion Ratio Lower Upper

83 100

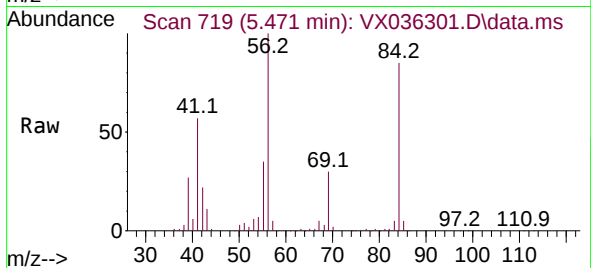
85 66.8 50.3 75.5





#31
Cyclohexane
Concen: 52.480 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

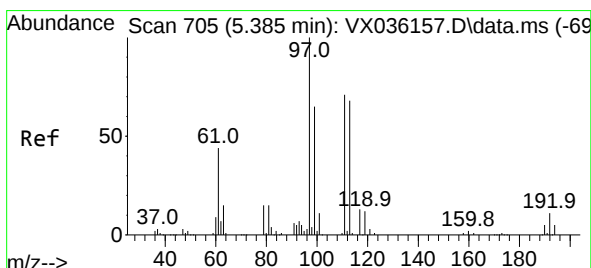
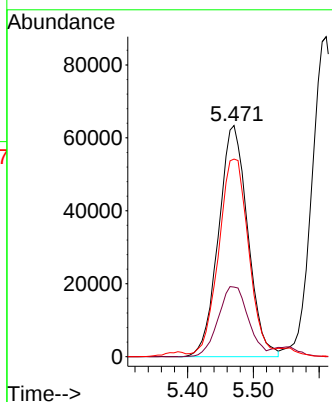
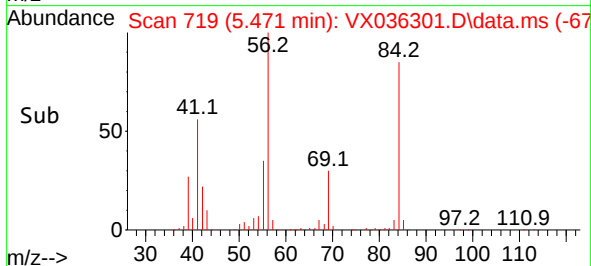
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 195720
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 83.3 65.9 98.9

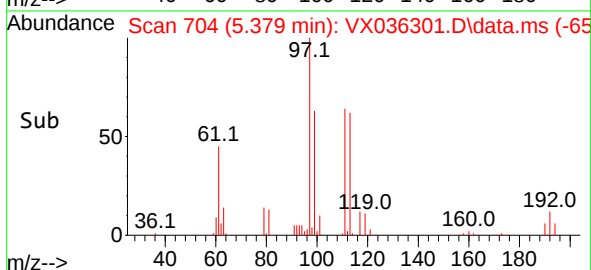
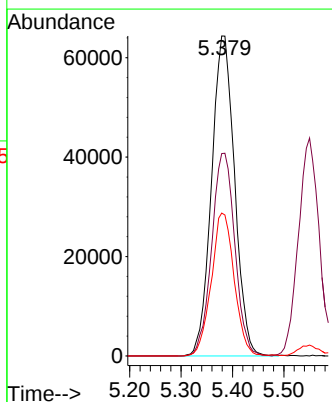
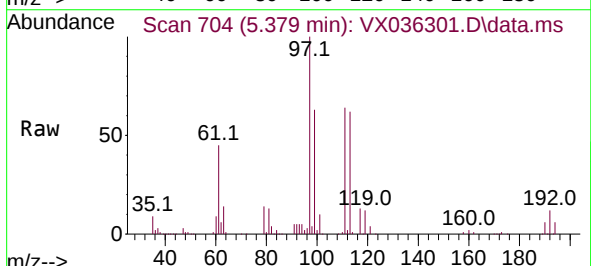
Manual Integrations
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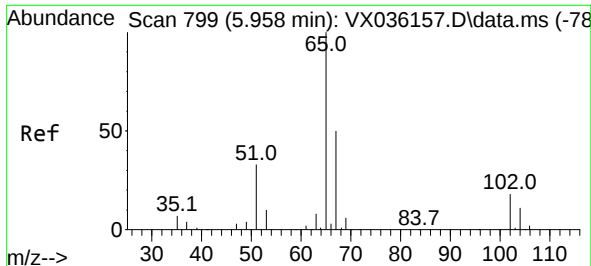
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 53.920 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 97 Resp: 200877
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 44.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 15390

Ion Ratio Lower Upper

65 100

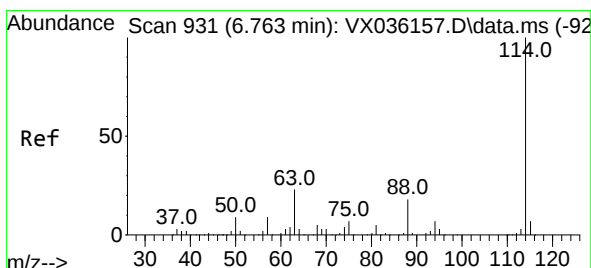
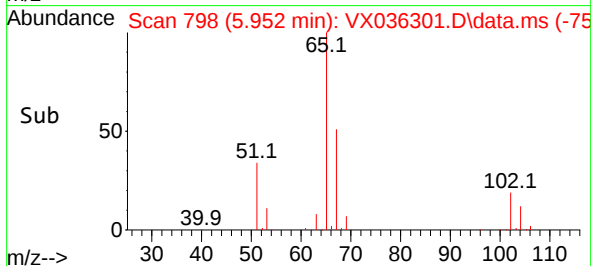
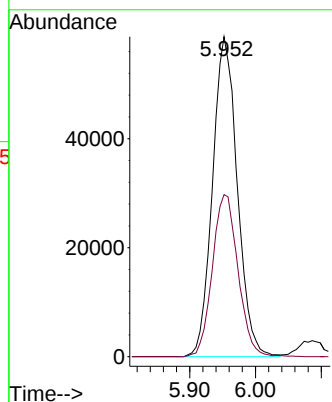
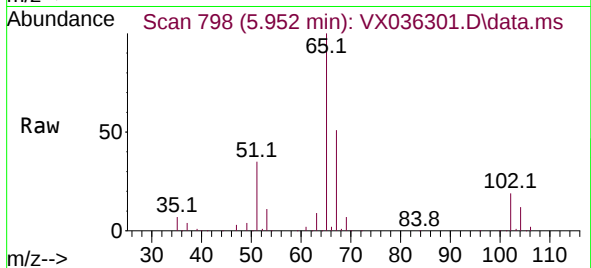
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

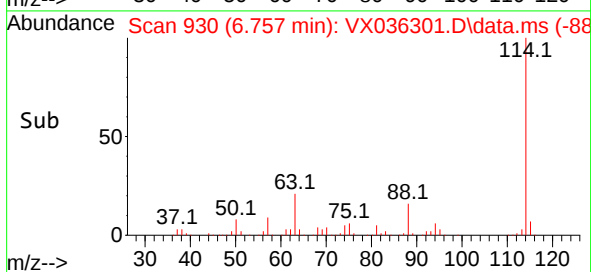
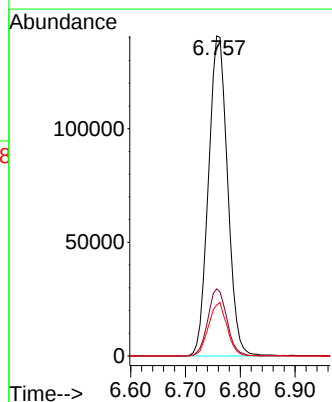
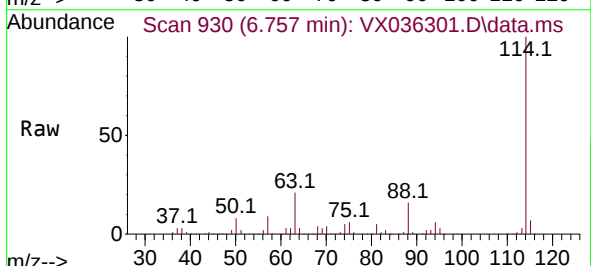
Tgt Ion:114 Resp: 340660

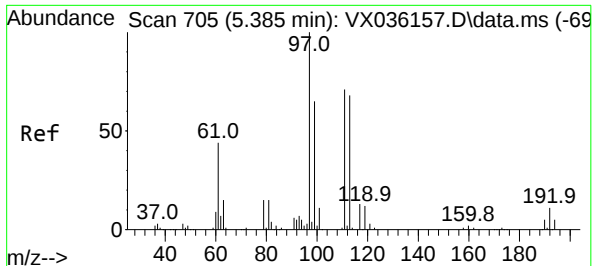
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

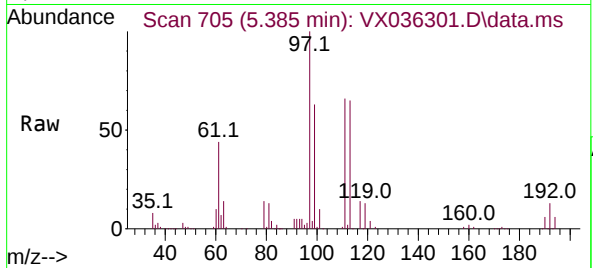
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 54.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

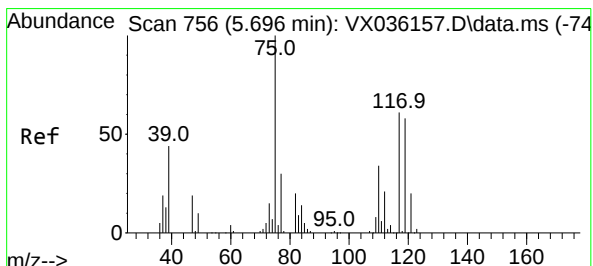
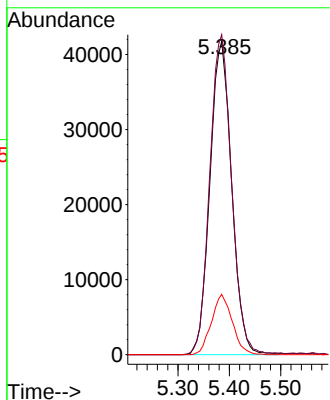
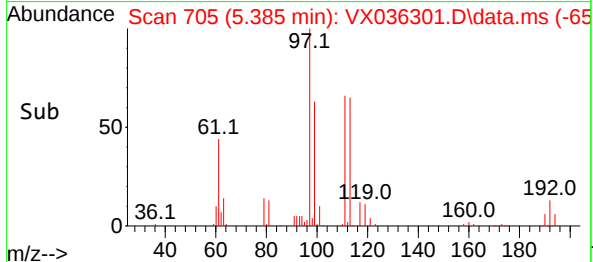
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



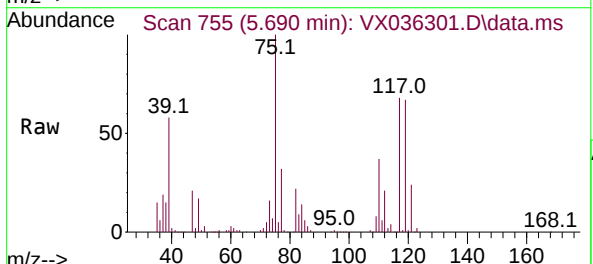
Tgt Ion:113 Resp: 12283
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.5 13.3 19.9

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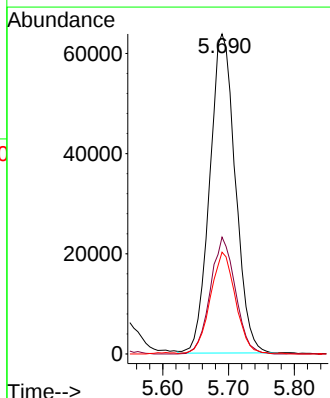
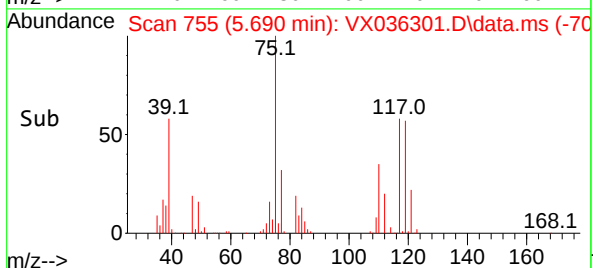
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

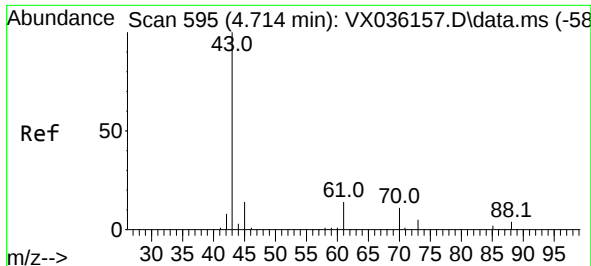


#36
1,1-Dichloropropene
Concen: 51.527 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



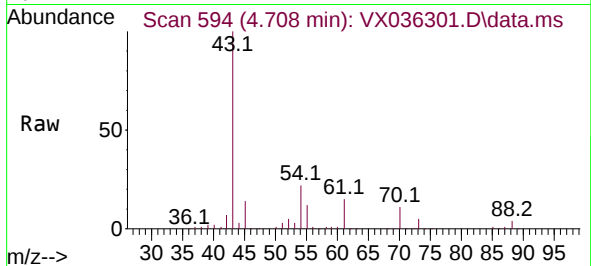
Tgt Ion: 75 Resp: 172525
Ion Ratio Lower Upper
75 100
110 35.7 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 53.212 ug/l
RT: 4.708 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

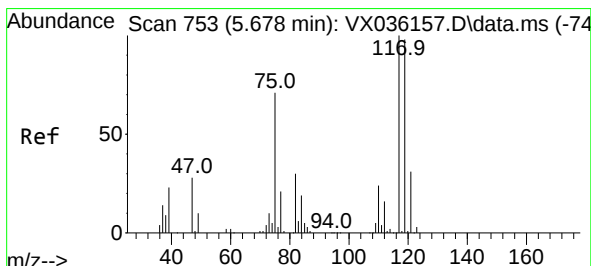
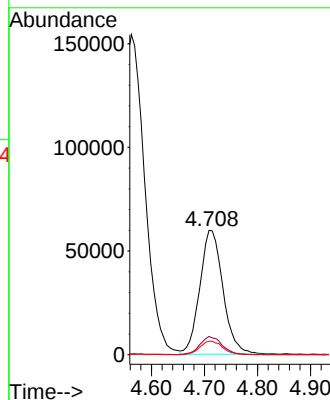
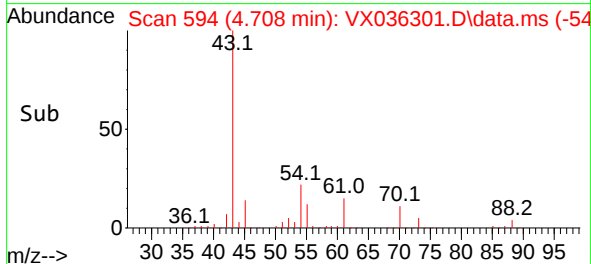
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 181593
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.7 8.3 12.5

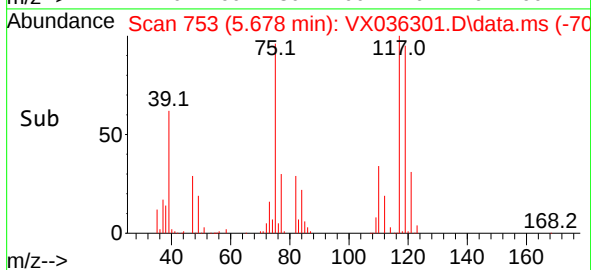
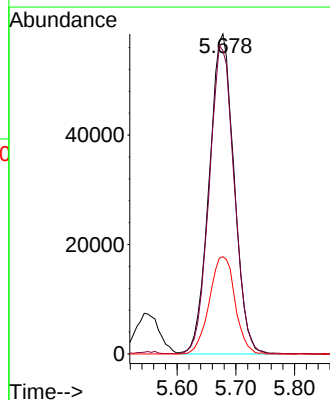
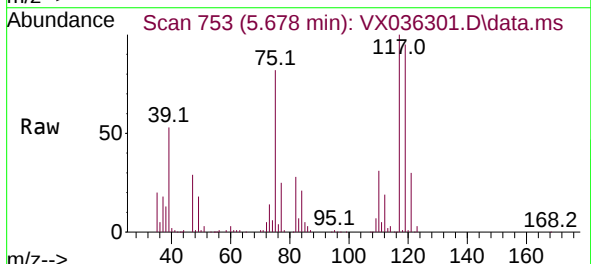
Manual Integrations
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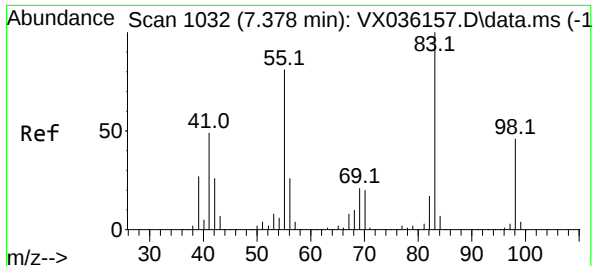
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#38
Carbon Tetrachloride
Concen: 56.329 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion:117 Resp: 172257
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.2
121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 55.472 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 222464

Ion Ratio Lower Upper

83 100

55 75.4 64.6 97.0

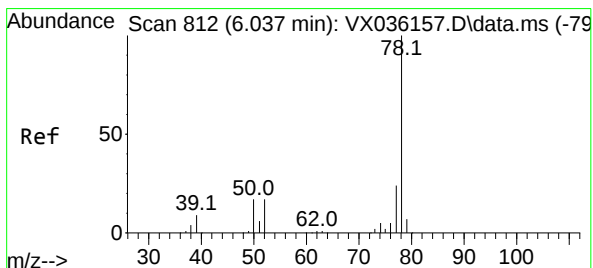
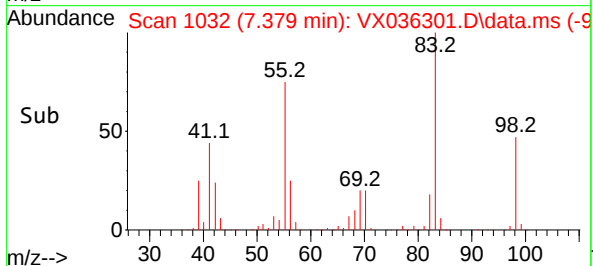
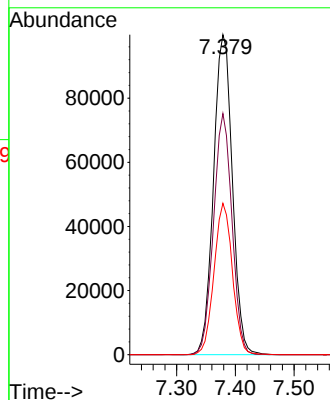
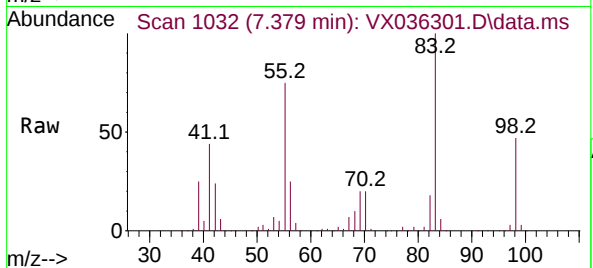
98 47.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Benzene

Concen: 52.822 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036301.D

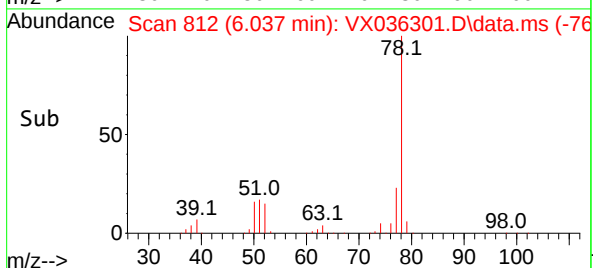
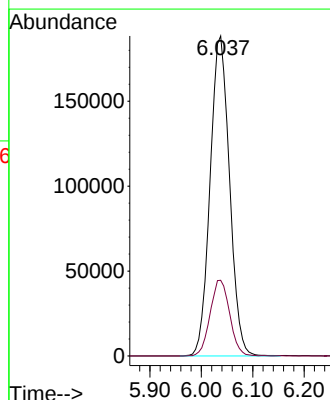
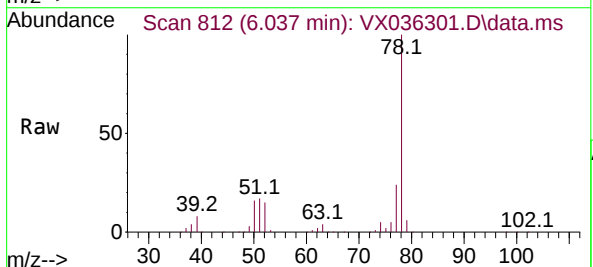
Acq: 24 Jun 2023 11:04

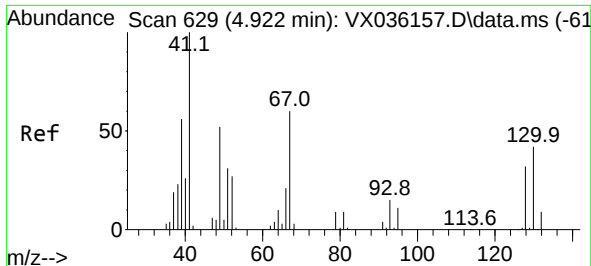
Tgt Ion: 78 Resp: 494062

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9





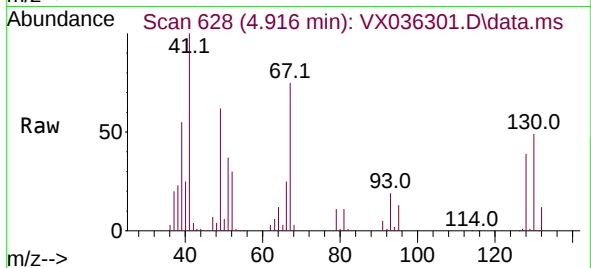
#41
Methacrylonitrile
Concen: 52.900 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



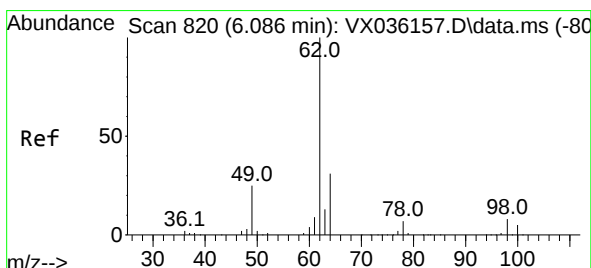
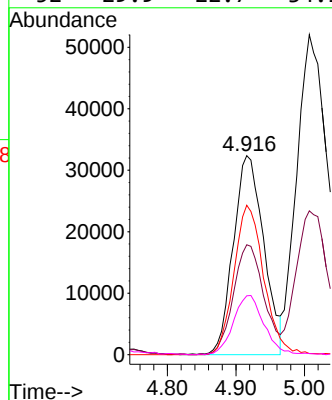
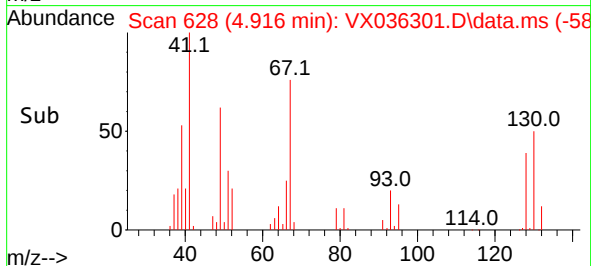
Tgt Ion: 41 Resp: 100140
Ion Ratio Lower Upper
41 100
39 55.2 45.2 67.8
67 73.8 52.6 78.8
52 29.9 22.7 34.1

Manual Integrations

APPROVED

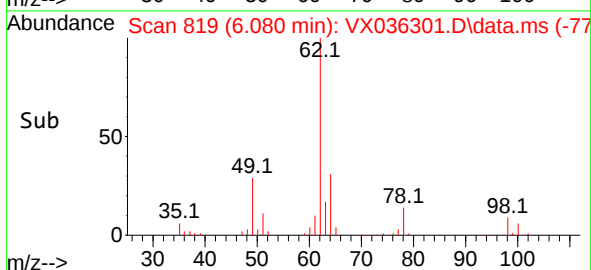
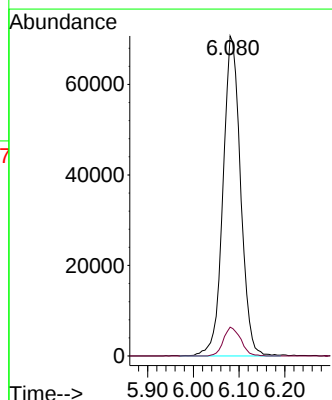
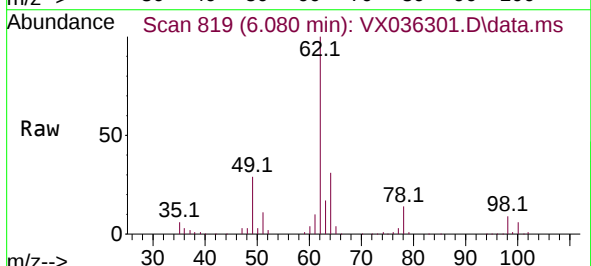
Reviewed By :John Carlone 06/26/2023

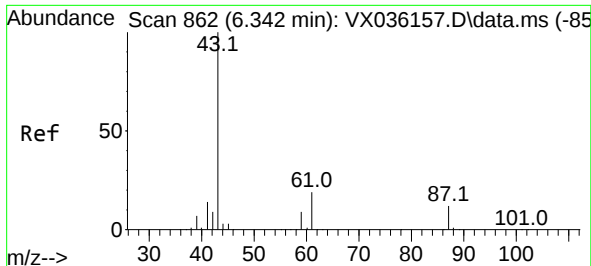
Supervised By :Mahesh Dadoda 06/26/2023



#42
1,2-Dichloroethane
Concen: 53.074 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 62 Resp: 188815
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 54.296 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036301.D

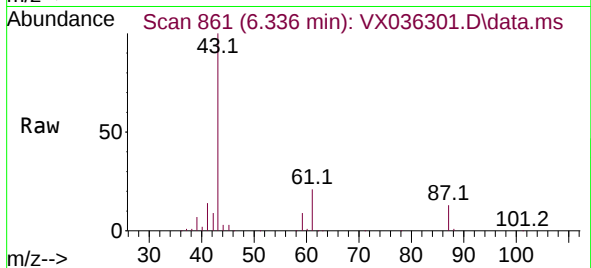
Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



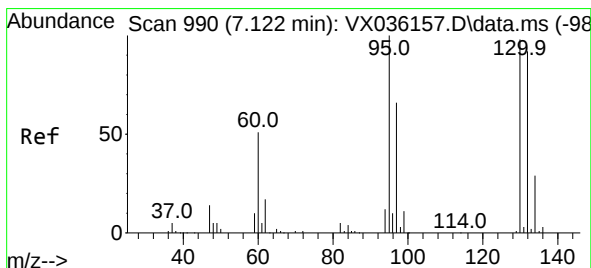
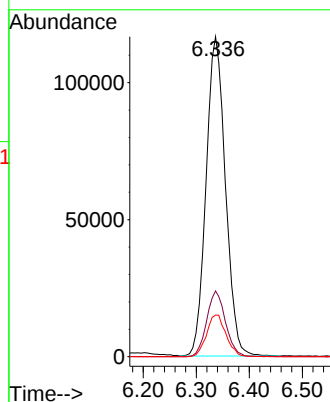
Tgt Ion: 43	Resp: 295590
Ion Ratio	Lower Upper
43	100
61	19.9 15.2 22.8
87	13.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#44

Trichloroethene

Concen: 51.332 ug/l

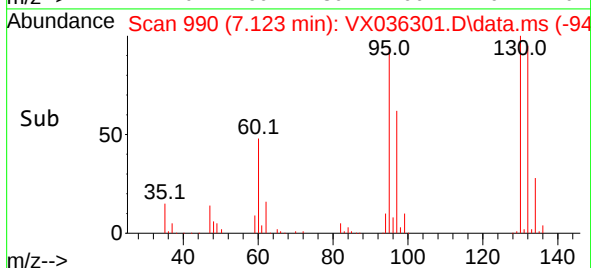
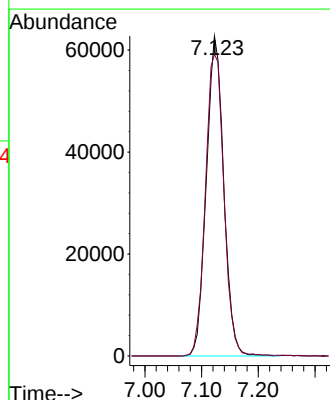
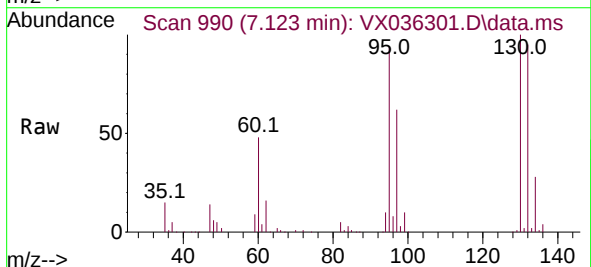
RT: 7.123 min Scan# 990

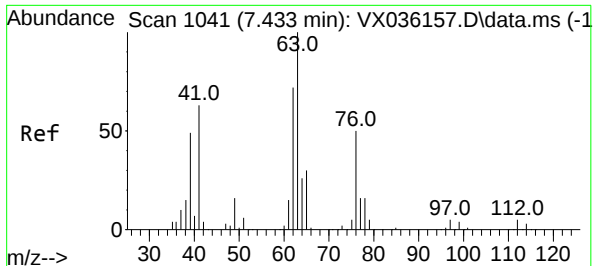
Delta R.T. 0.001 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Tgt Ion:130	Resp: 133545
Ion Ratio	Lower Upper
130	100
95	94.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.217 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13556

Ion Ratio Lower Upper

63 100

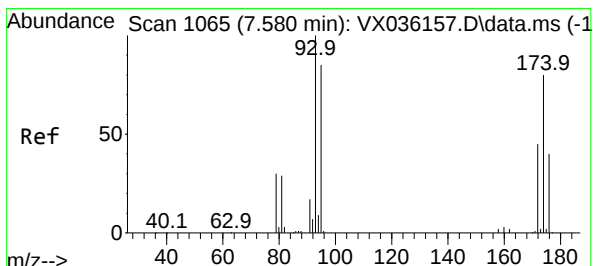
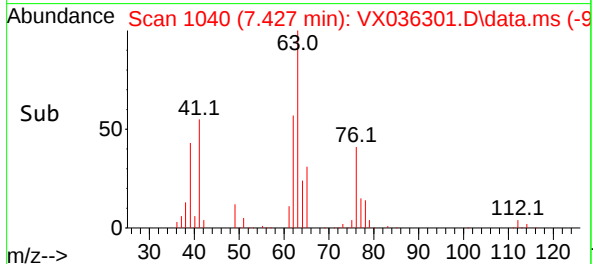
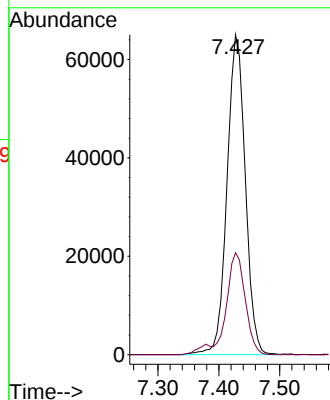
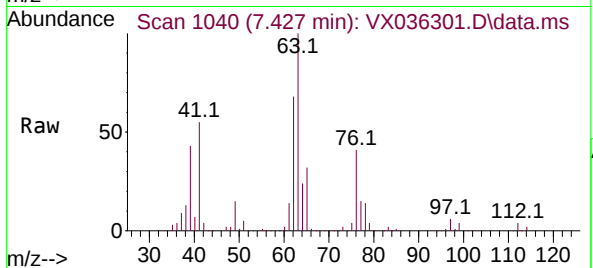
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#46

Dibromomethane

Concen: 52.405 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

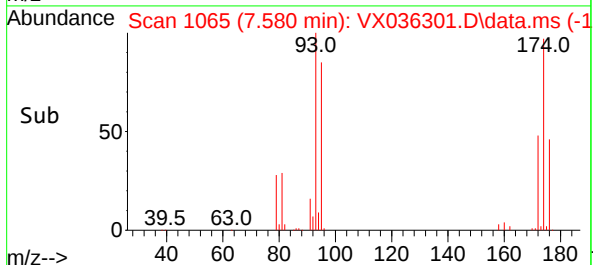
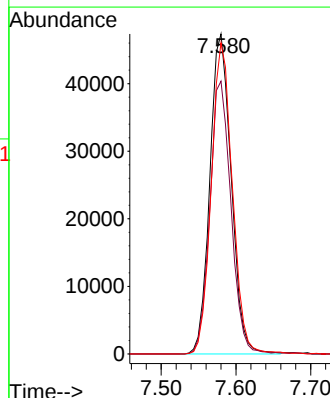
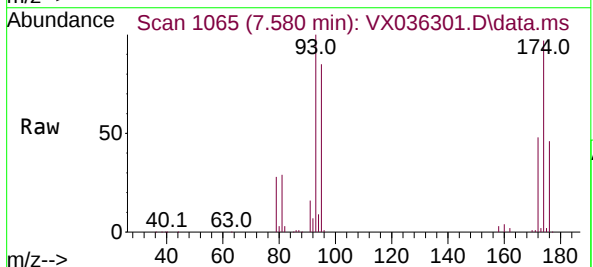
Tgt Ion: 93 Resp: 93970

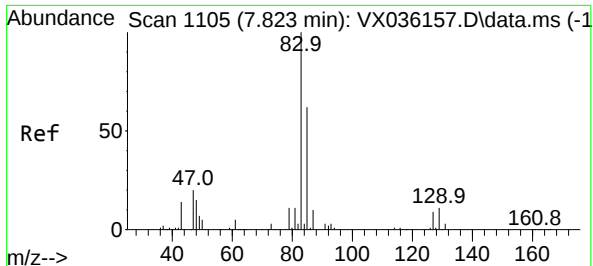
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

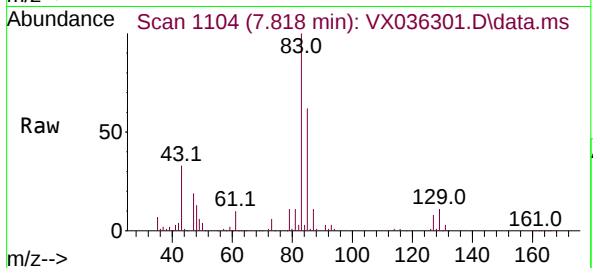
174 96.2 69.4 104.0





#47
Bromodichloromethane
Concen: 55.067 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

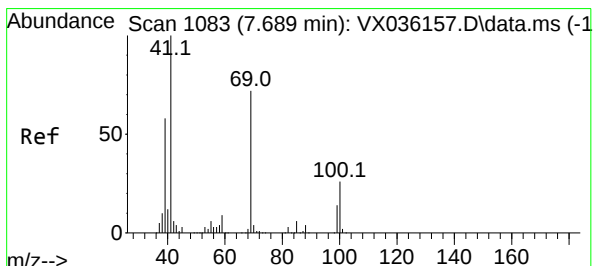
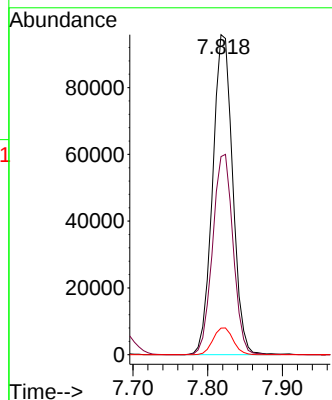
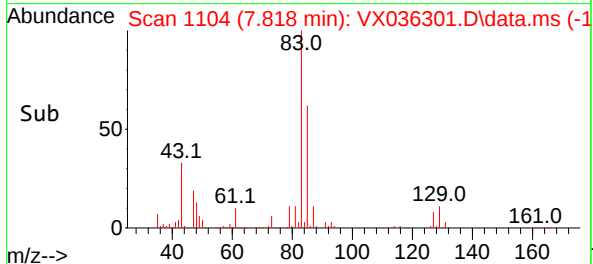
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 178560
Ion Ratio Lower Upper
83 100
85 61.9 49.8 74.6
127 8.3 7.1 10.7

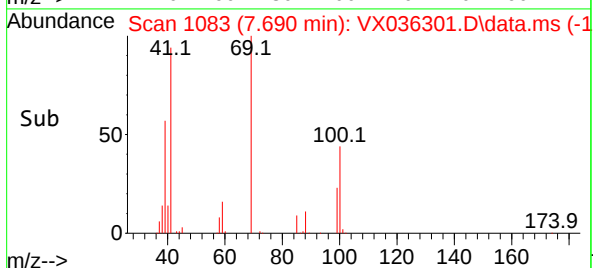
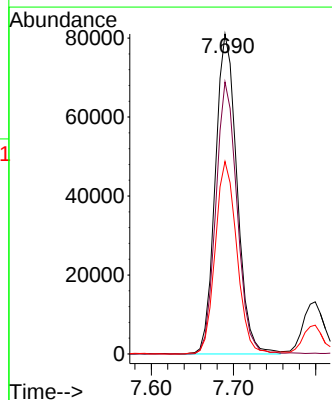
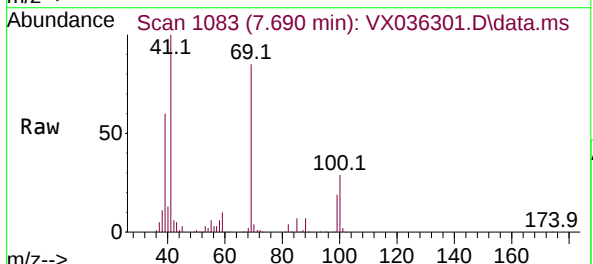
Manual Integrations
APPROVED

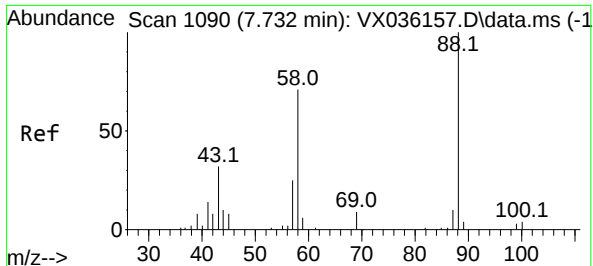
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
Methyl methacrylate
Concen: 54.756 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 41 Resp: 148630
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 59.8 47.7 71.5





#49

1,4-Dioxane

Concen: 905.761 ug/l

RT: 7.714 min Scan# 1090

Delta R.T. -0.018 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

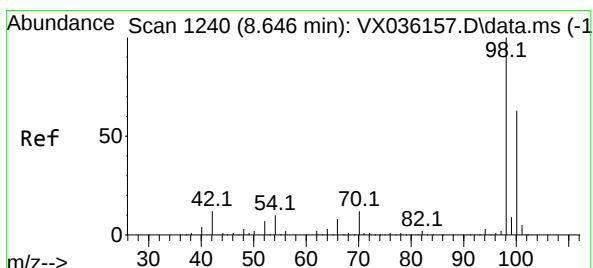
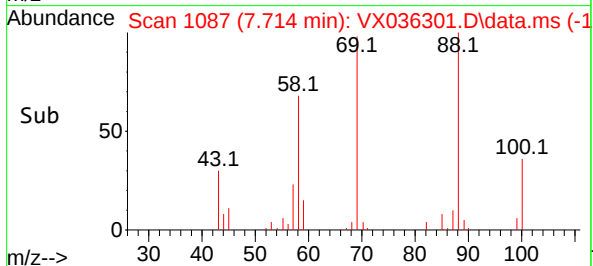
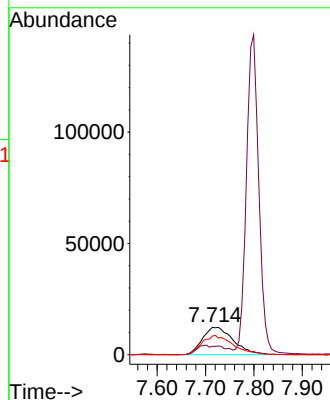
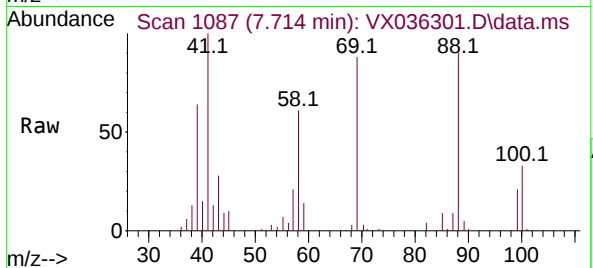
Tgt Ion: 88 Resp: 54504
 Ion Ratio Lower Upper
 88 100
 43 19.6 0.0 0.0
 58 71.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#50

Toluene-d8

Concen: 53.698 ug/l

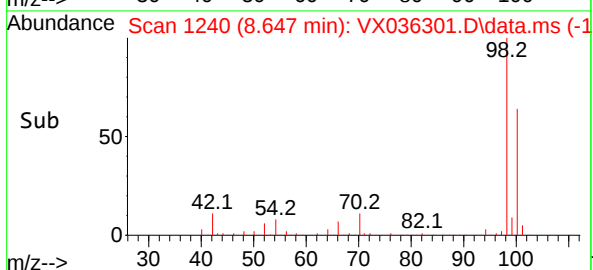
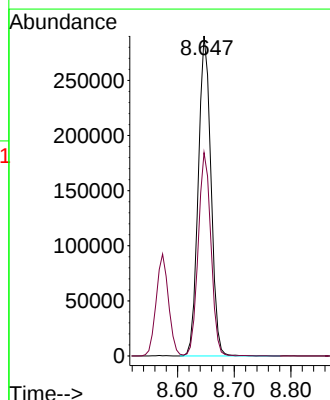
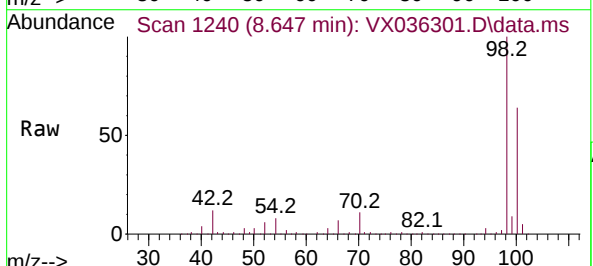
RT: 8.647 min Scan# 1240

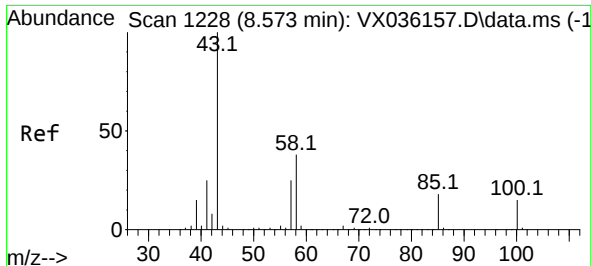
Delta R.T. 0.001 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

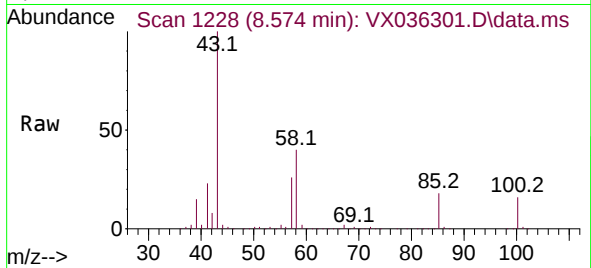
Tgt Ion: 98 Resp: 450506
 Ion Ratio Lower Upper
 98 100
 100 63.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 266.130 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

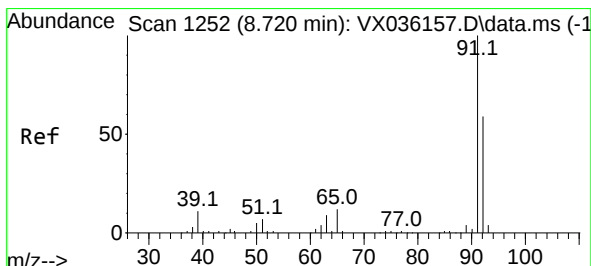
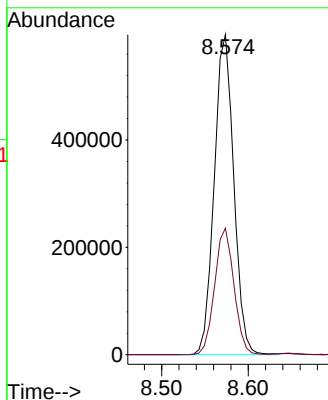
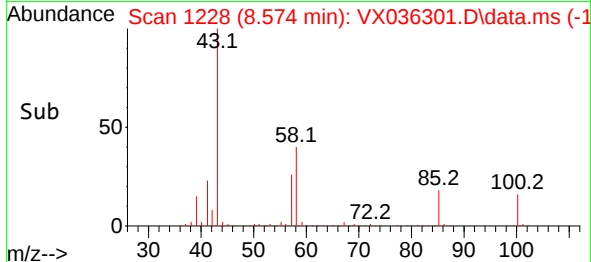
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 933420
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

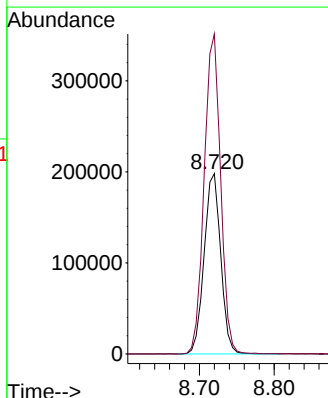
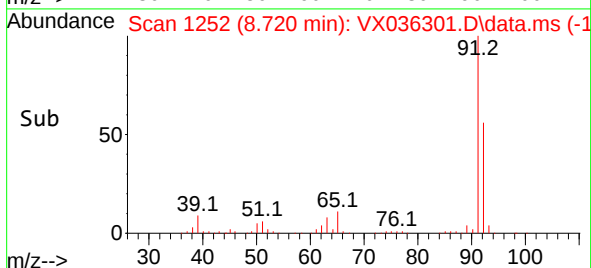
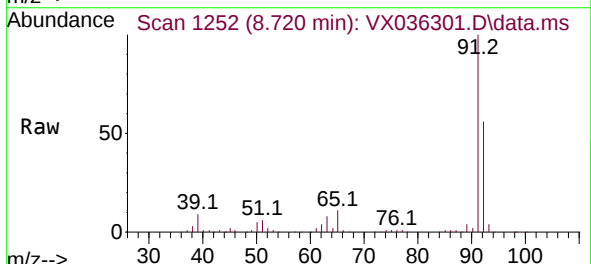
Manual Integrations
APPROVED

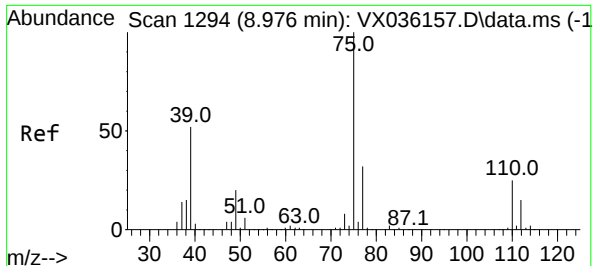
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
Toluene
Concen: 51.545 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 92 Resp: 305538
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 59.583 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 195169

Ion Ratio Lower Upper

75 100

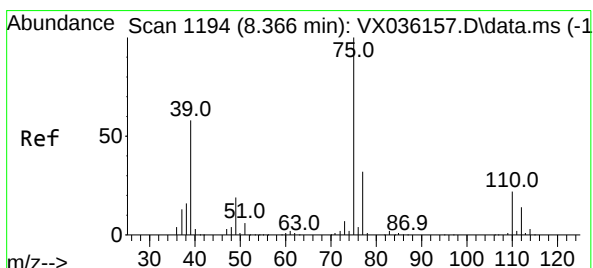
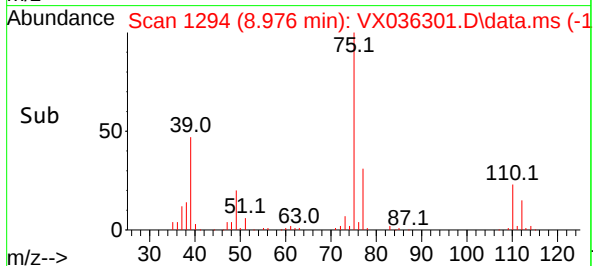
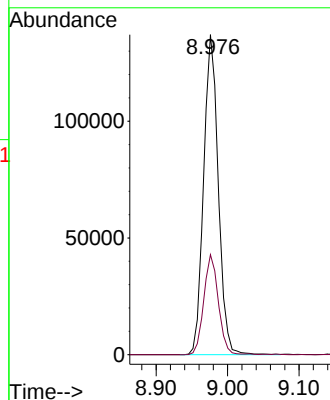
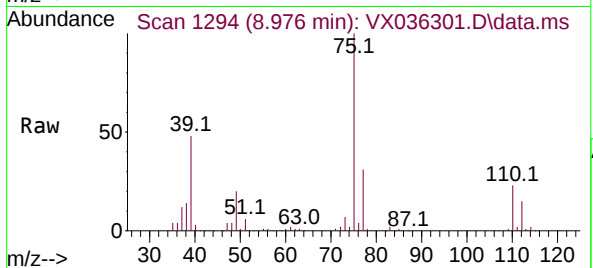
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#54

cis-1,3-Dichloropropene

Concen: 57.148 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

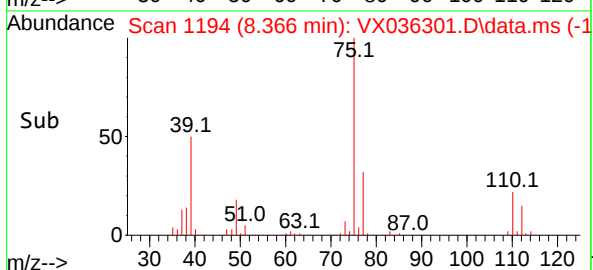
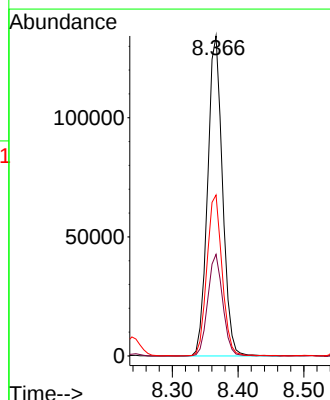
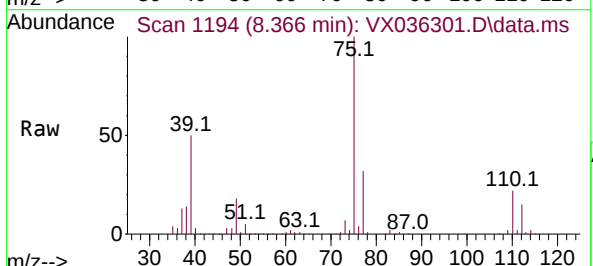
Tgt Ion: 75 Resp: 211612

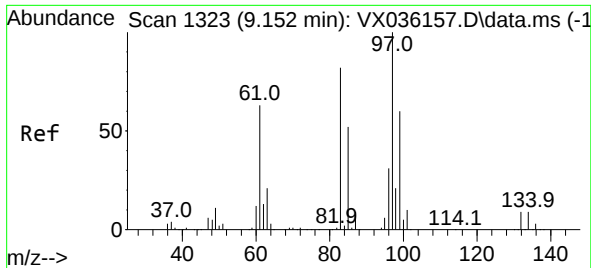
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

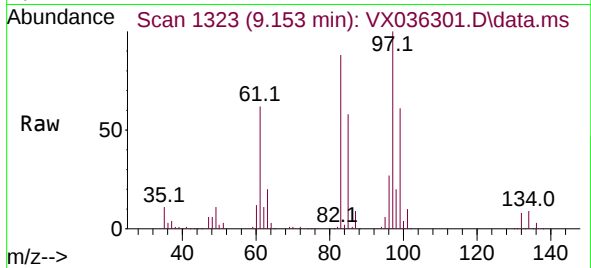
39 50.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.712 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

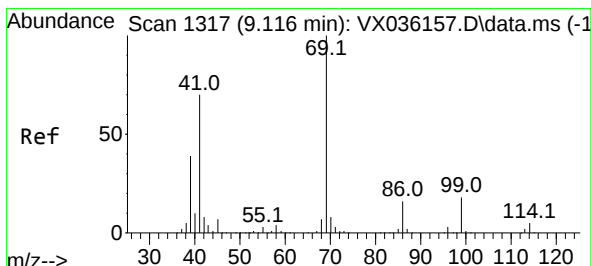
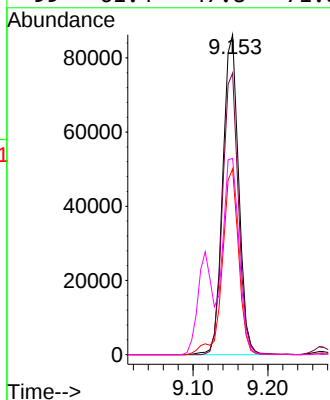
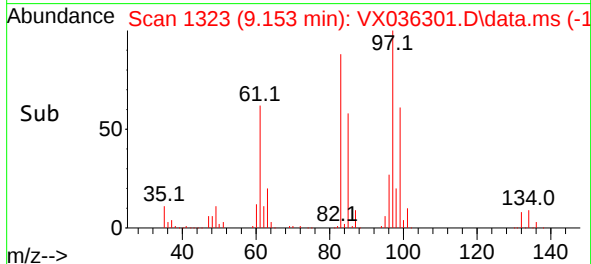
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



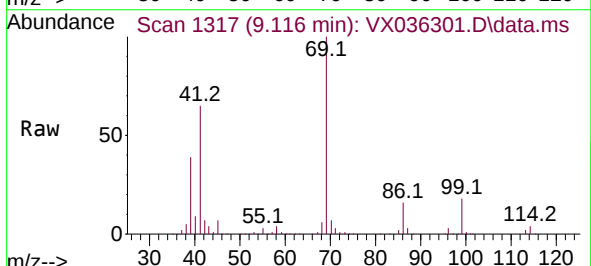
Tgt Ion: 97 Resp: 12739
Ion Ratio Lower Upper
97 100
83 88.0 65.8 98.8
85 58.0 41.6 62.4
99 61.4 47.8 71.8

Manual Integrations
APPROVED

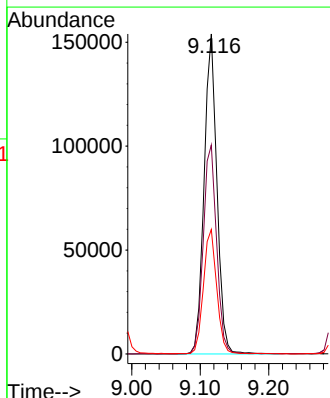
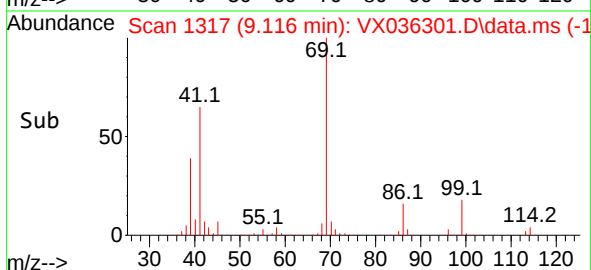
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

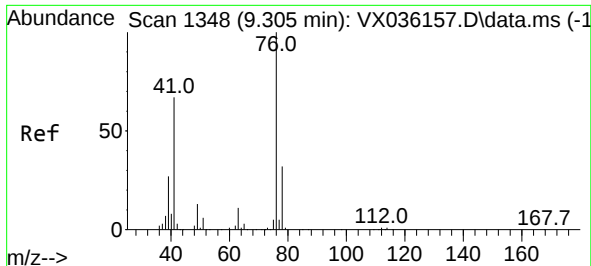


#56
Ethyl methacrylate
Concen: 54.571 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



Tgt Ion: 69 Resp: 201081
Ion Ratio Lower Upper
69 100
41 67.8 56.8 85.2
39 40.1 32.0 48.0





#57
1,3-Dichloropropane
Concen: 51.490 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

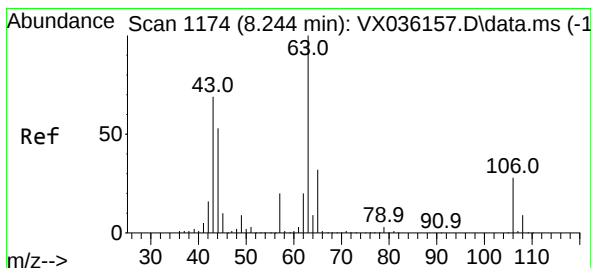
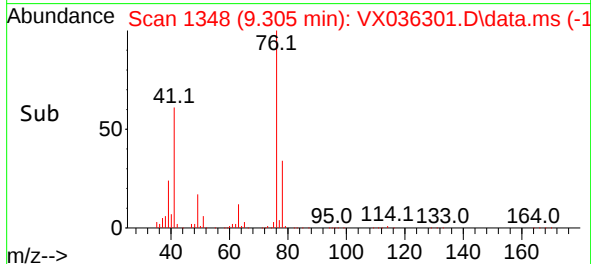
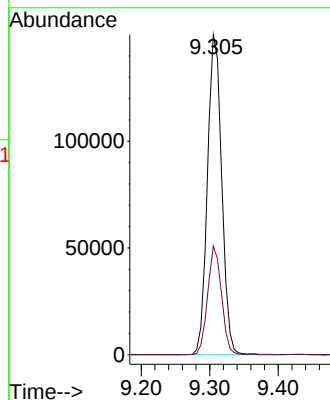
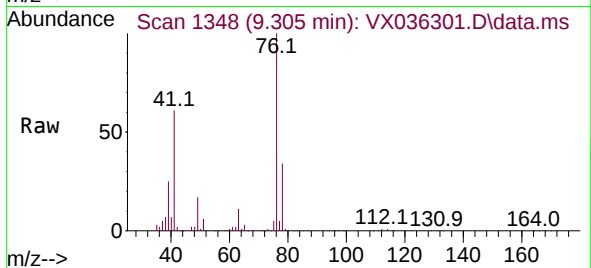
VSTDCCC050

Tgt Ion: 76 Resp: 21738
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations

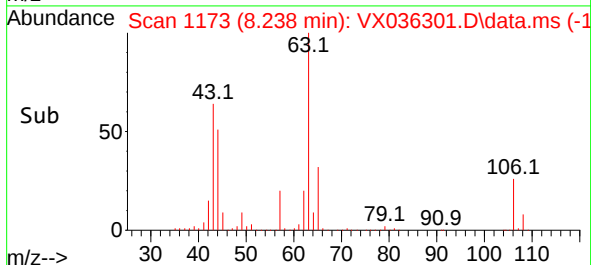
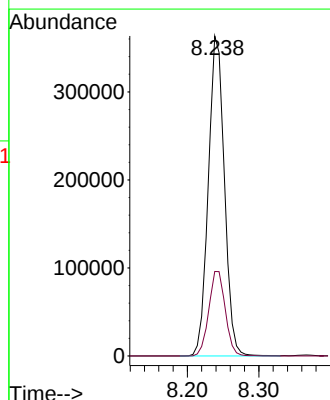
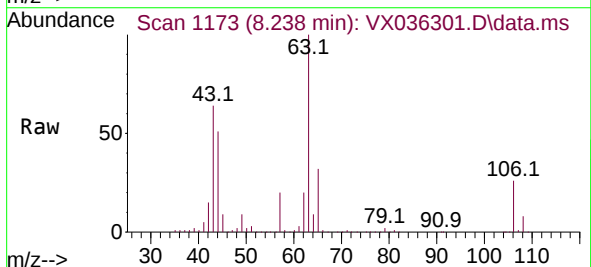
APPROVED

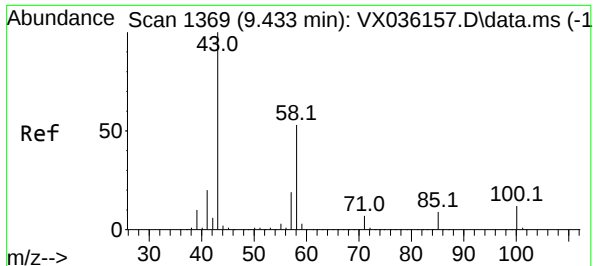
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
2-Chloroethyl Vinyl ether
Concen: 274.136 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

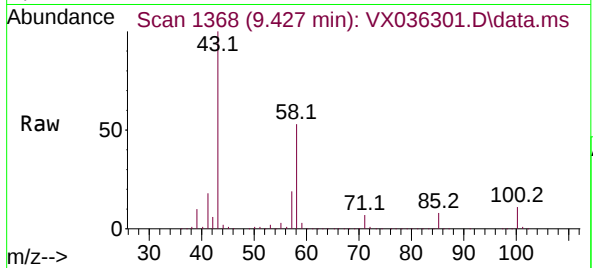
Tgt Ion: 63 Resp: 567677
Ion Ratio Lower Upper
63 100
106 27.0 22.5 33.7





#59
2-Hexanone
Concen: 277.812 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

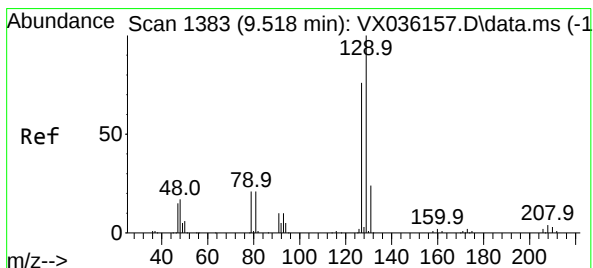
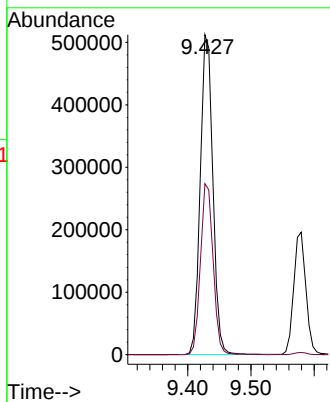
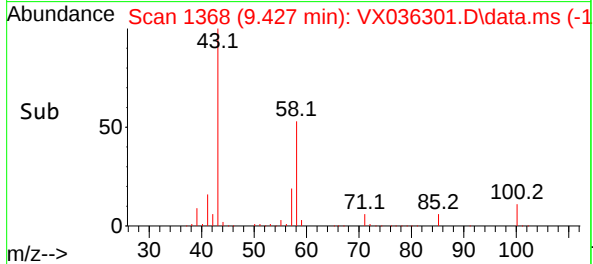
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 711558
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.5

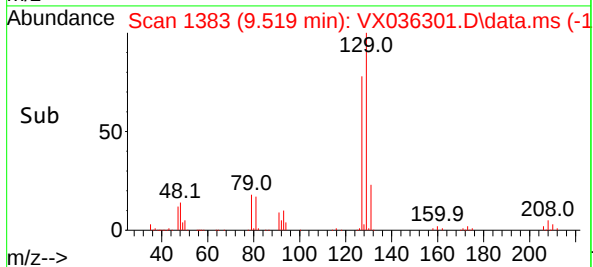
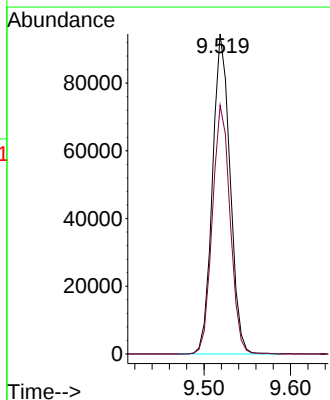
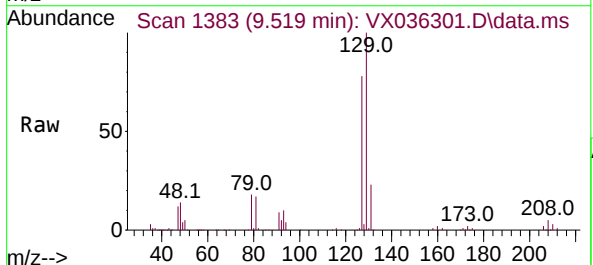
Manual Integrations
APPROVED

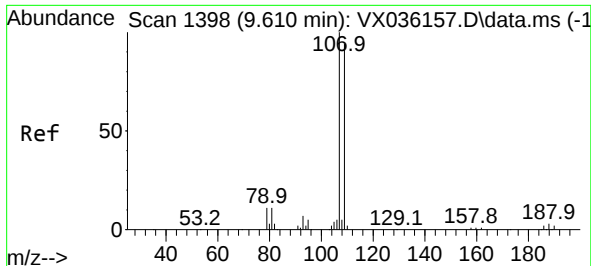
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
Dibromochloromethane
Concen: 55.588 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

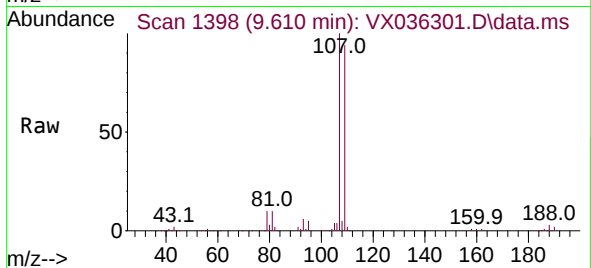
Tgt Ion:129 Resp: 133051
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.399 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

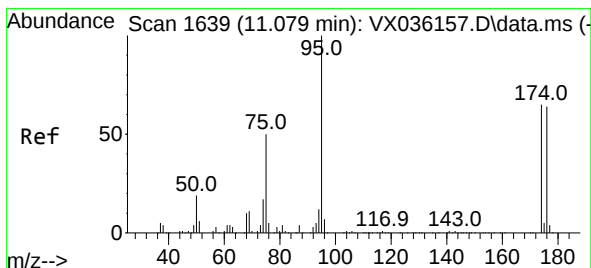
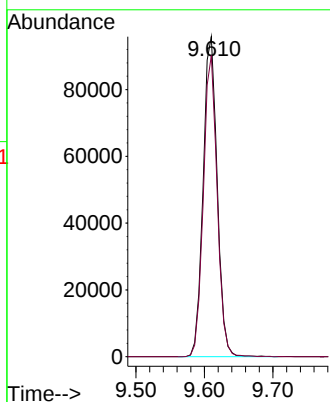
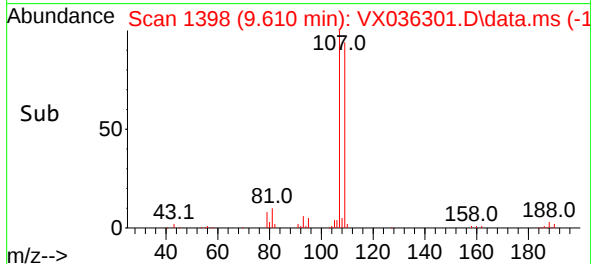
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



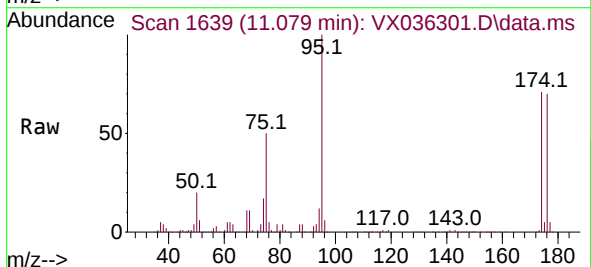
Tgt Ion:107 Resp: 136989
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8

Manual Integrations
APPROVED

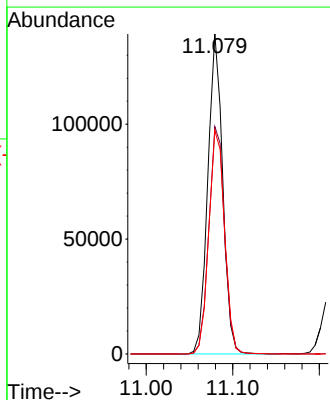
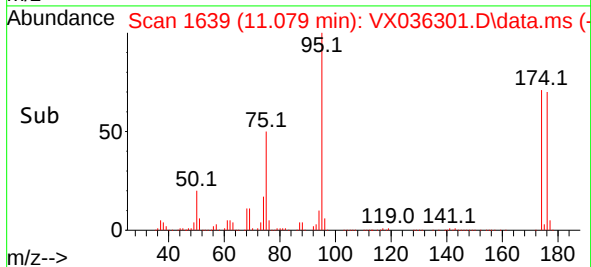
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

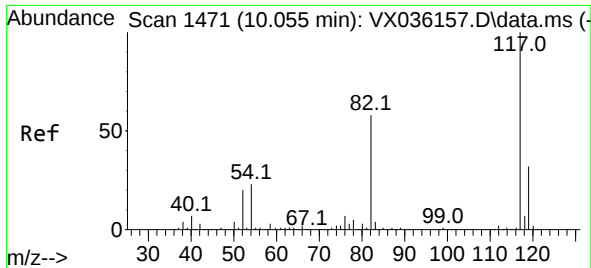


#62
4-Bromofluorobenzene
Concen: 56.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



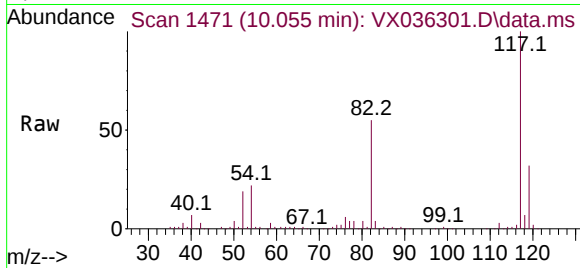
Tgt Ion: 95 Resp: 165914
Ion Ratio Lower Upper
95 100
174 75.0 0.0 135.6
176 74.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

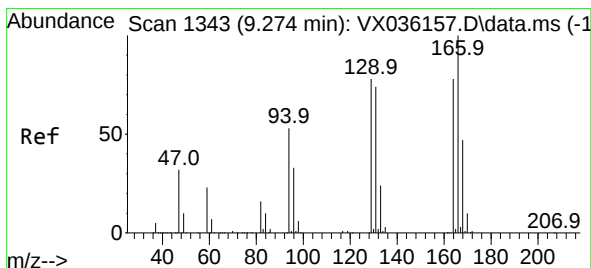
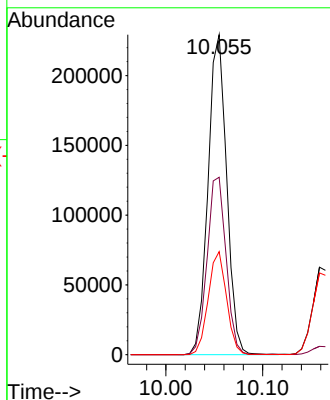
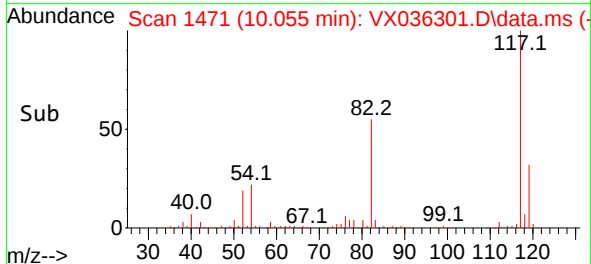
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 306590
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.2 25.5 38.3

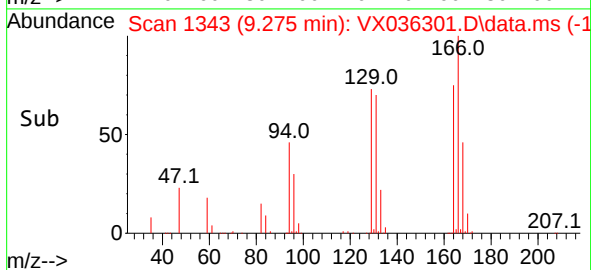
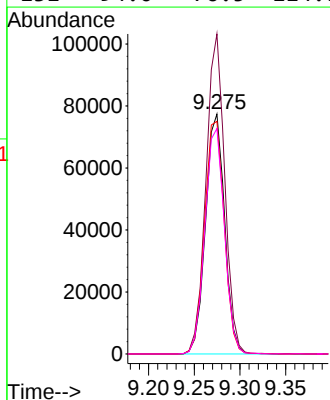
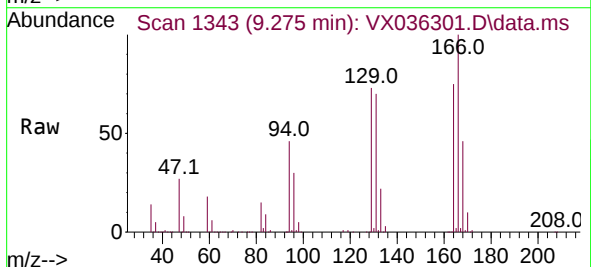
Manual Integrations
APPROVED

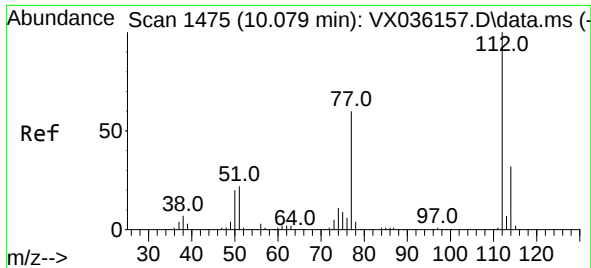
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Tetrachloroethene
Concen: 51.647 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

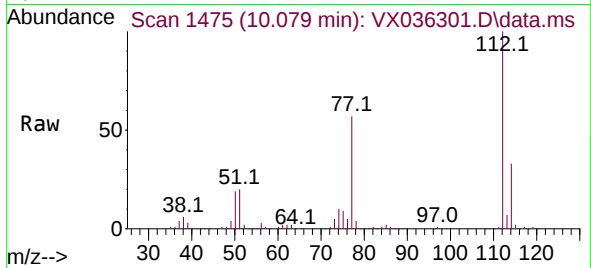
Tgt Ion:164 Resp: 111807
Ion Ratio Lower Upper
164 100
166 133.5 102.7 154.1
129 97.0 80.4 120.6
131 94.0 76.5 114.7





#65
Chlorobenzene
Concen: 52.954 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

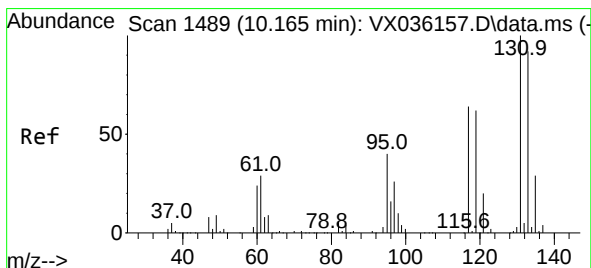
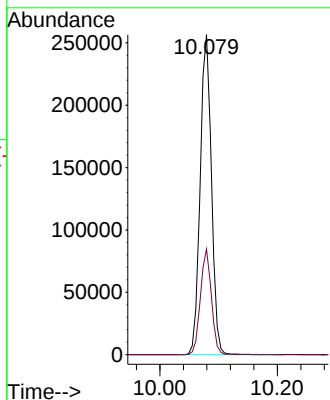
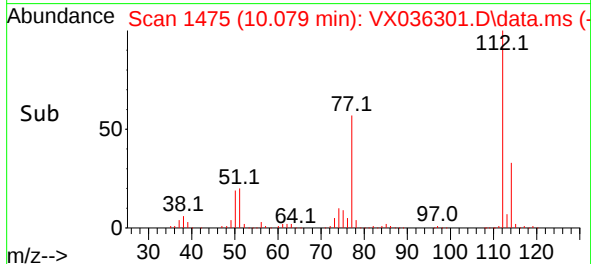
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



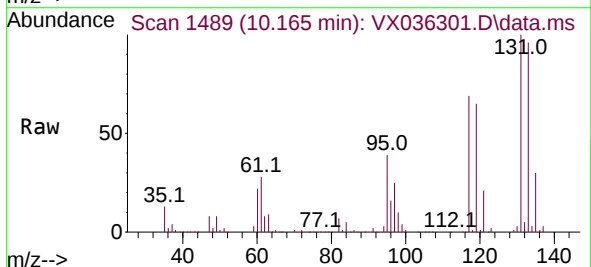
Tgt Ion:112 Resp: 341295
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

Manual Integrations
APPROVED

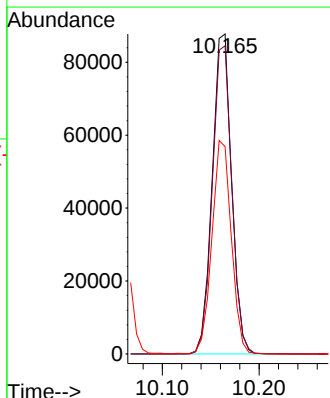
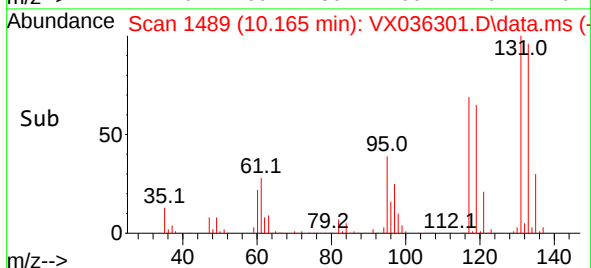
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

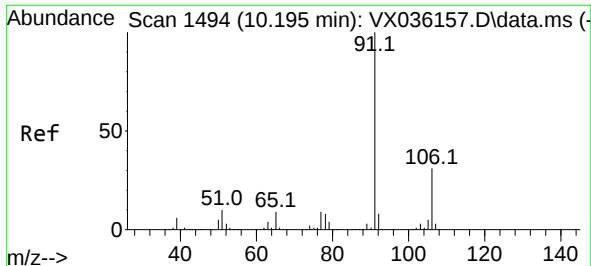


#66
1,1,1,2-Tetrachloroethane
Concen: 55.900 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



Tgt Ion:131 Resp: 121778
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 67.0 32.2 96.6





#67

Ethyl Benzene

Concen: 53.582 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 613948

Ion Ratio Lower Upper

91 100

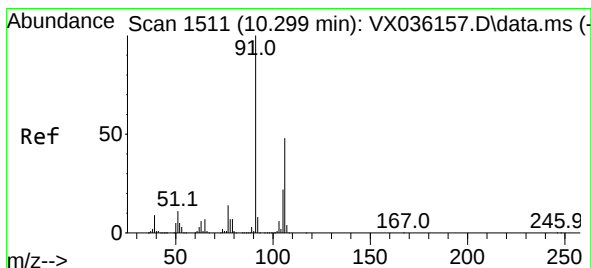
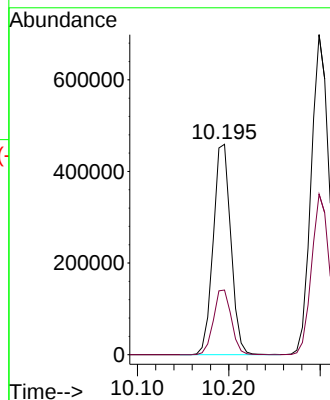
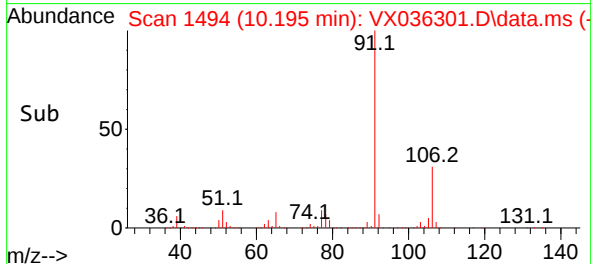
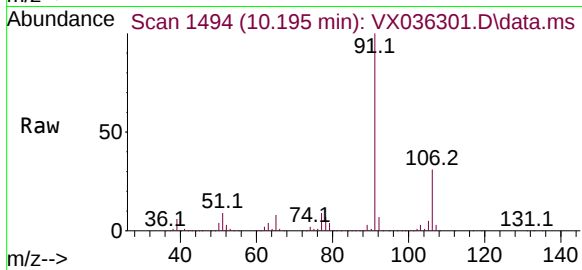
106 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#68

m/p-Xylenes

Concen: 106.337 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036301.D

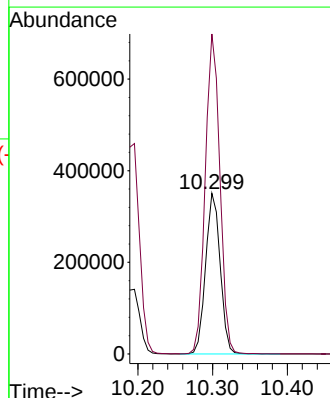
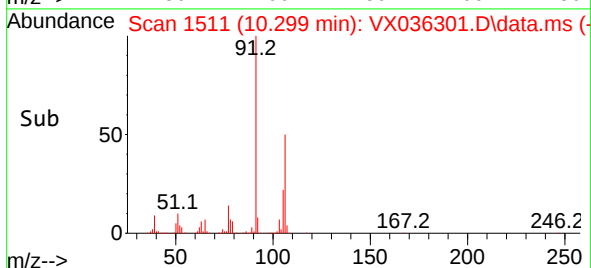
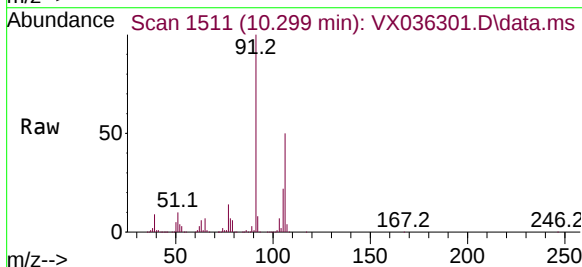
Acq: 24 Jun 2023 11:04

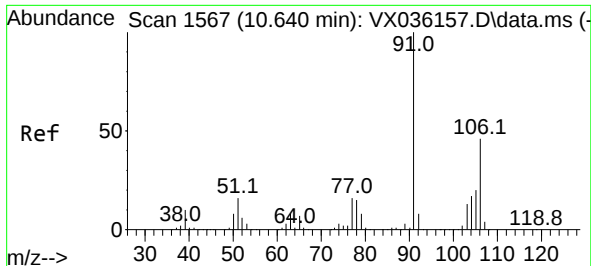
Tgt Ion:106 Resp: 473378

Ion Ratio Lower Upper

106 100

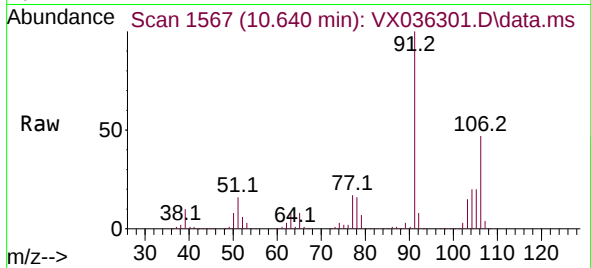
91 200.5 165.5 248.3





#69
o-Xylene
Concen: 53.634 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

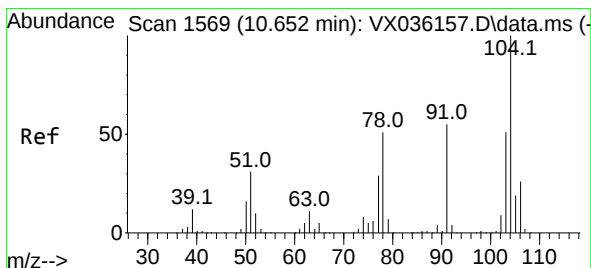
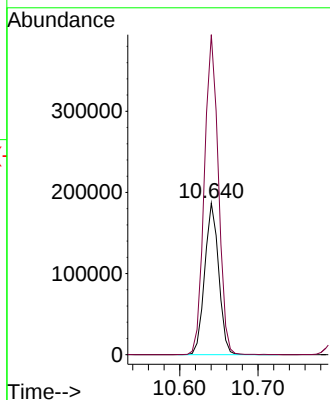
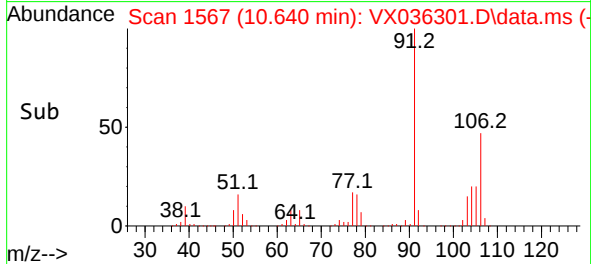
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 230568
Ion Ratio Lower Upper
106 100
91 212.6 108.9 326.8

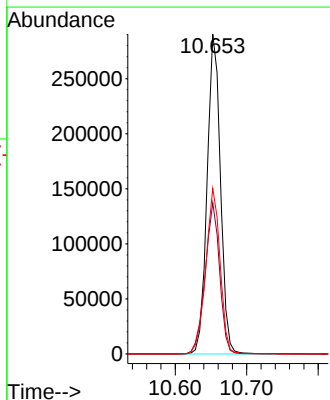
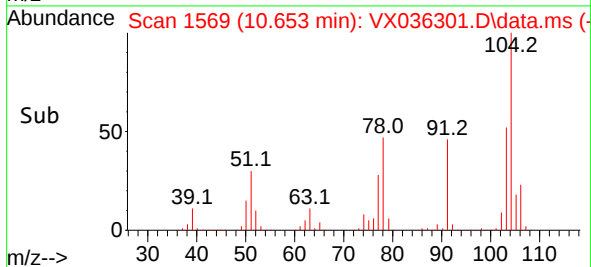
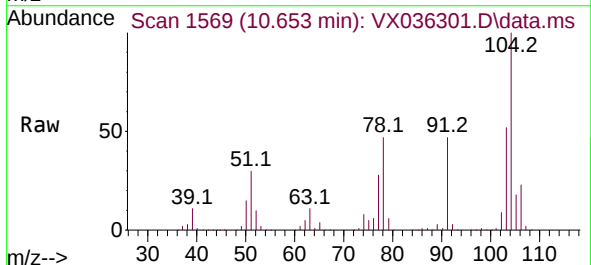
Manual Integrations
APPROVED

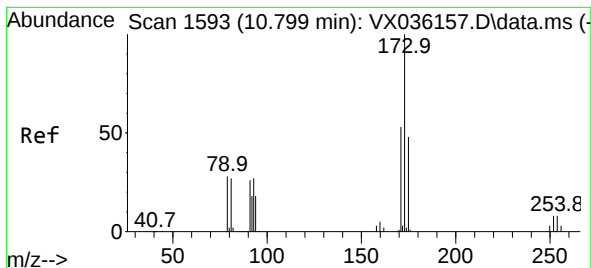
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Styrene
Concen: 53.455 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

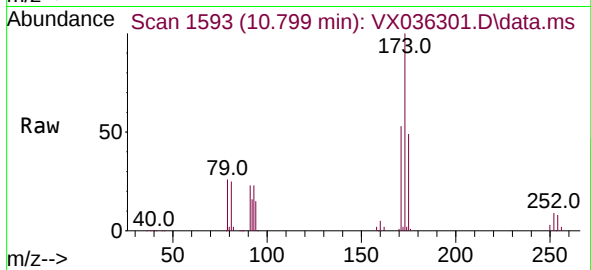
Tgt Ion:104 Resp: 376249
Ion Ratio Lower Upper
104 100
78 51.4 43.6 65.4
103 55.6 43.6 65.4





#71
Bromoform
Concen: 59.292 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

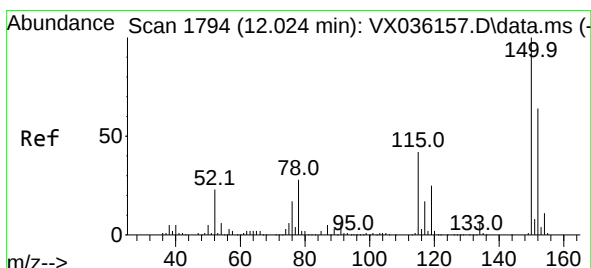
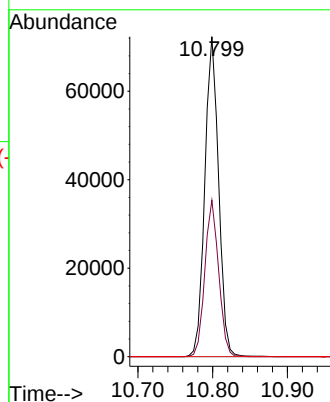
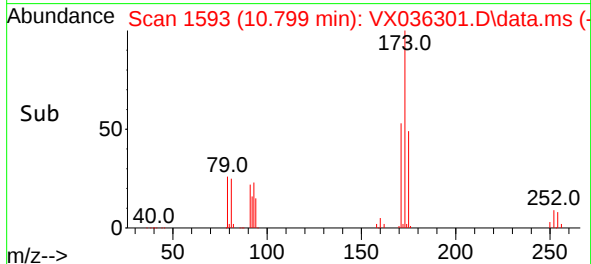
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



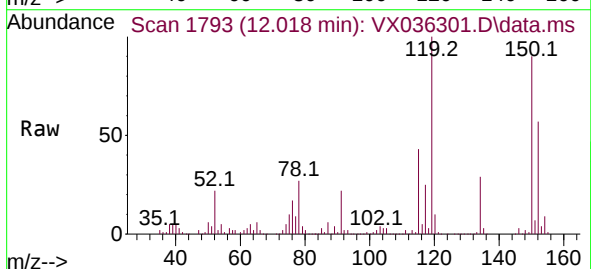
Tgt Ion:173 Resp: 92648
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

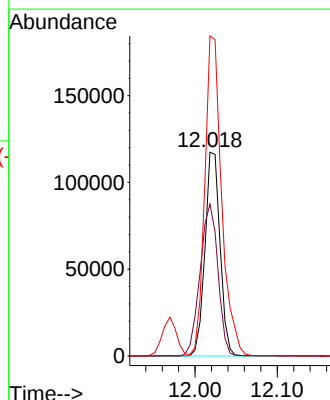
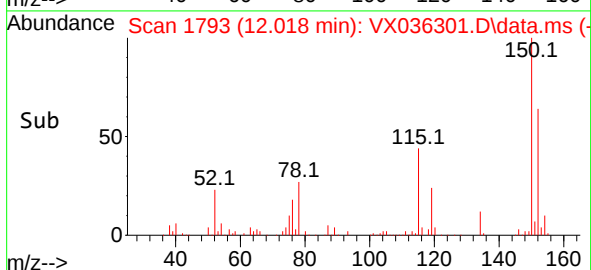
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

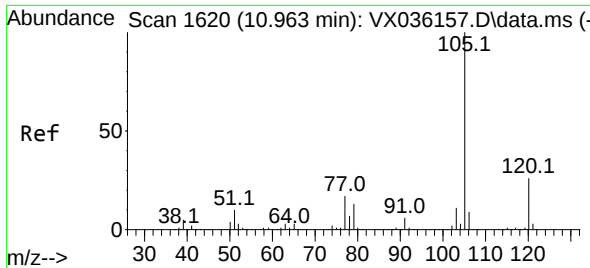


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



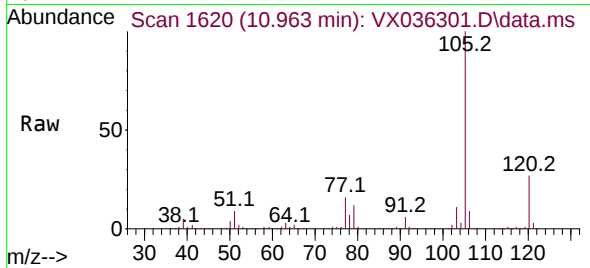
Tgt Ion:152 Resp: 149356
Ion Ratio Lower Upper
152 100
115 88.4 43.3 129.9
150 175.8 0.0 345.0





#73
Isopropylbenzene
Concen: 52.912 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

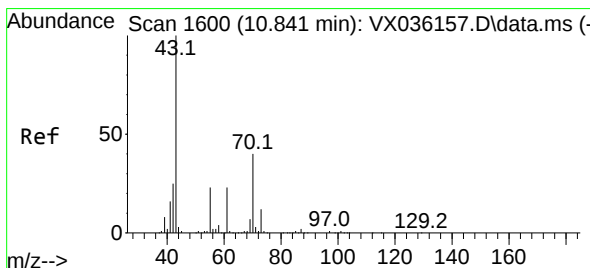
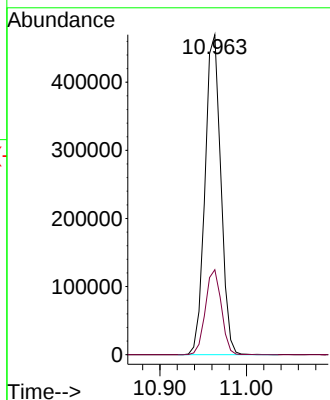
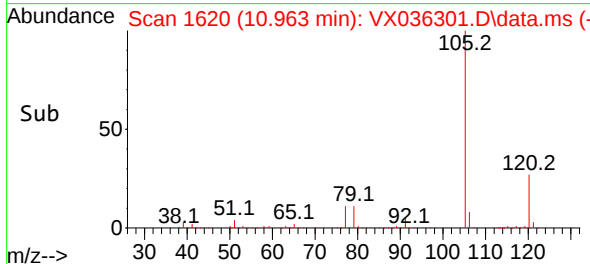
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



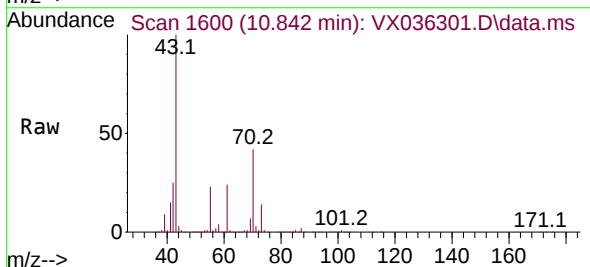
Tgt Ion:105 Resp: 595560
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

Manual Integrations
APPROVED

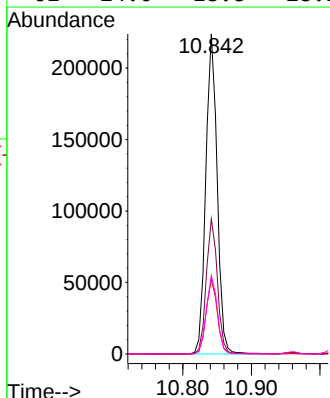
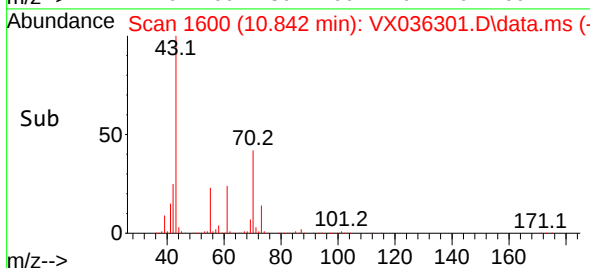
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

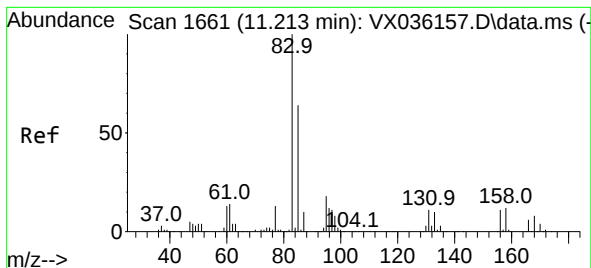


#74
N-ethyl acetate
Concen: 58.167 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



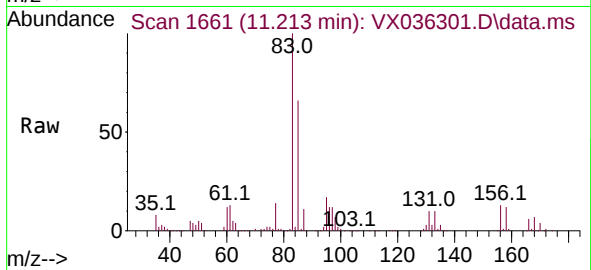
Tgt Ion: 43 Resp: 258966
Ion Ratio Lower Upper
43 100
70 41.5 32.9 49.3
55 23.1 19.3 28.9
61 24.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.442 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

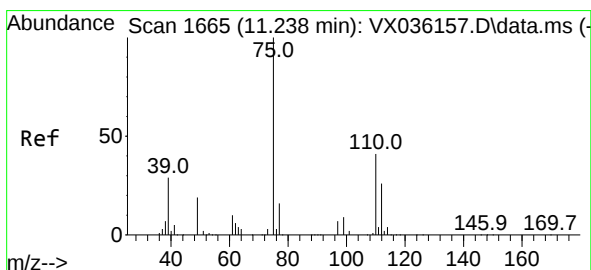
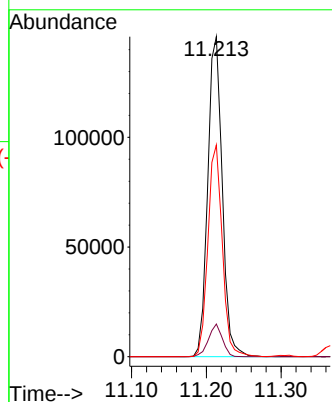
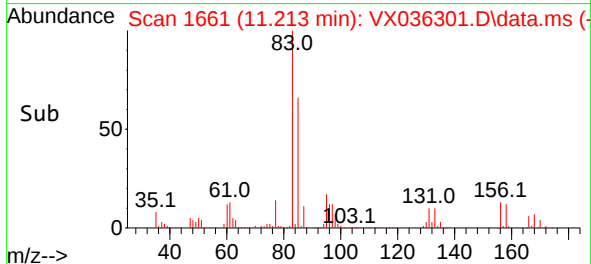
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 196070
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.6 32.0 96.2

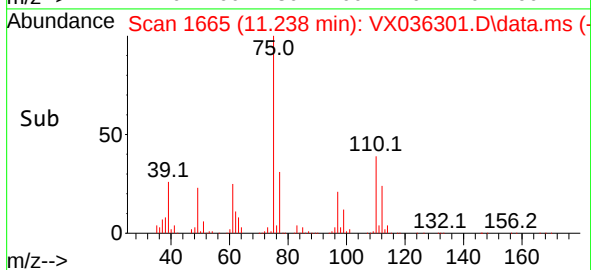
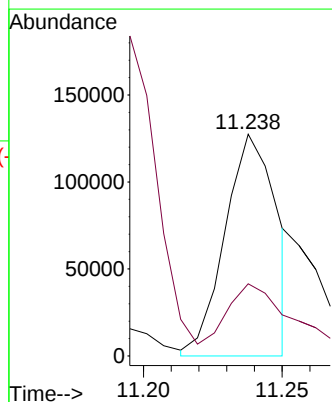
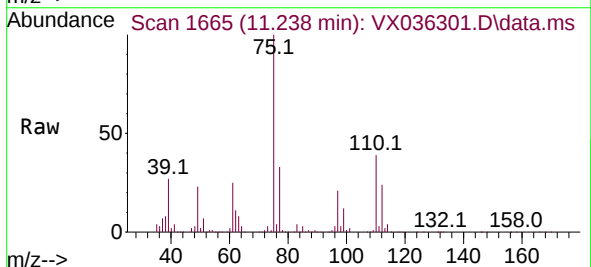
Manual Integrations
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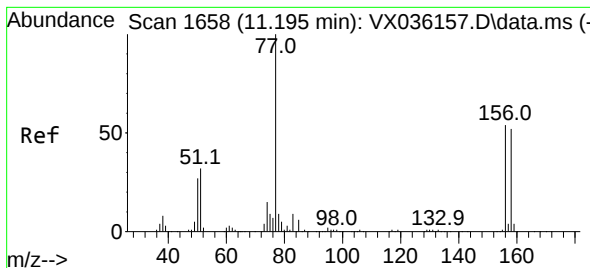
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,2,3-Trichloropropane
Concen: 51.840 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 75 Resp: 165152
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 51.320 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 142035

Ion Ratio Lower Upper

156 100

77 164.9 88.4 265.3

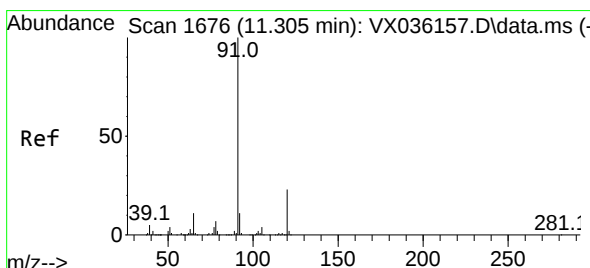
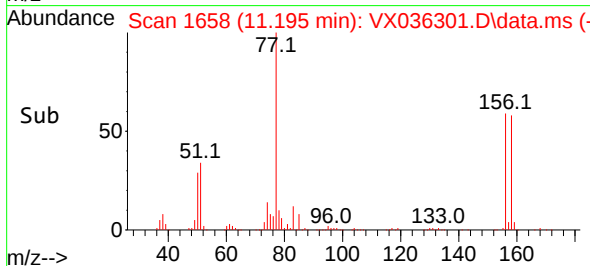
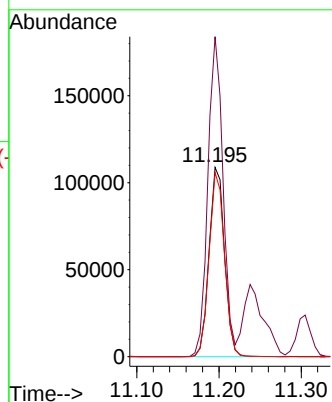
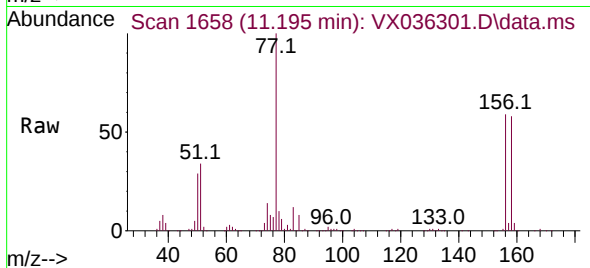
158 96.7 48.0 144.0

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Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#78

n-propylbenzene

Concen: 53.749 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036301.D

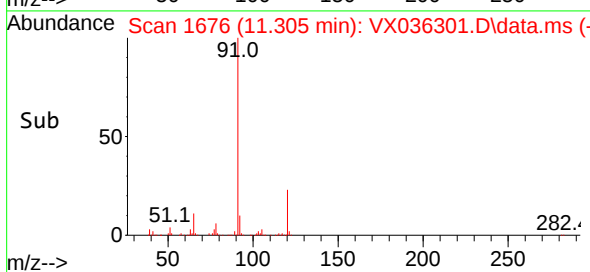
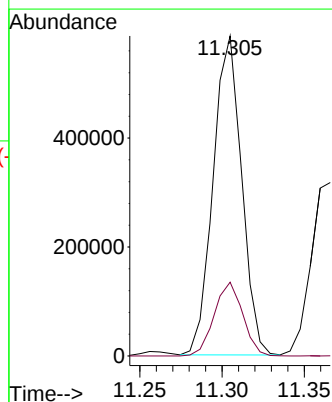
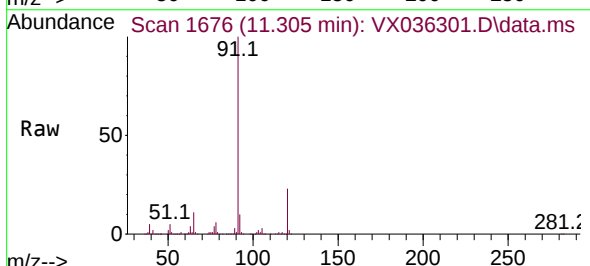
Acq: 24 Jun 2023 11:04

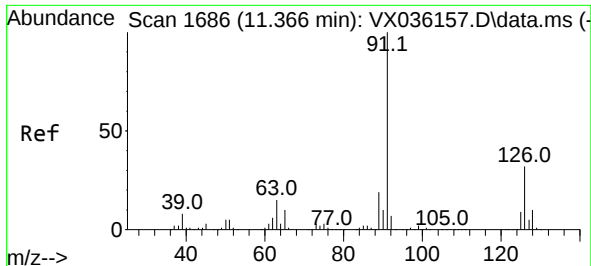
Tgt Ion: 91 Resp: 706533

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.804 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 405092

Ion Ratio Lower Upper

91 100

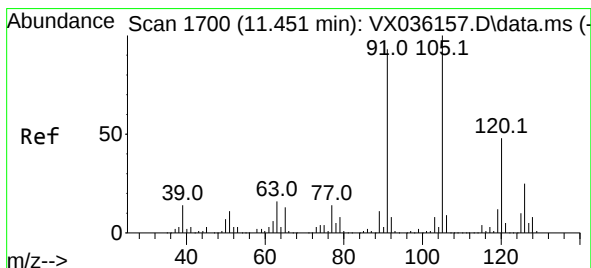
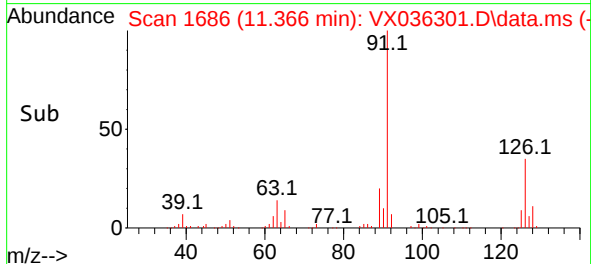
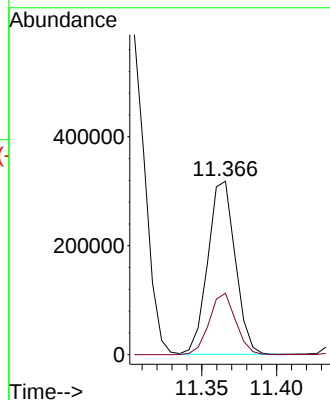
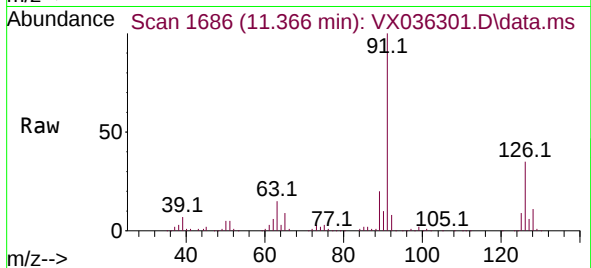
126 34.3 16.3 48.8

Manual Integrations

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Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#80

1,3,5-Trimethylbenzene

Concen: 53.299 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036301.D

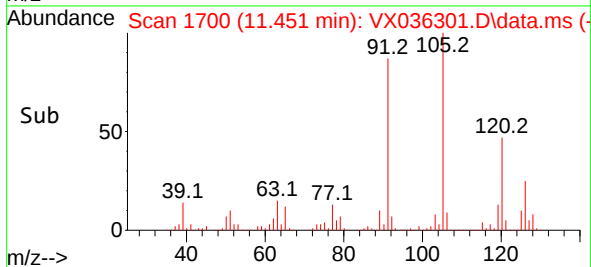
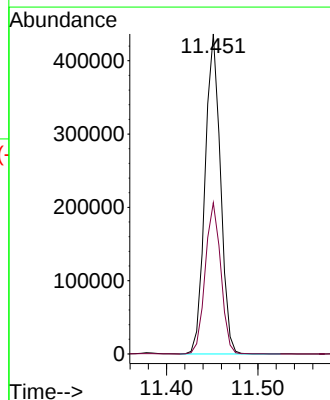
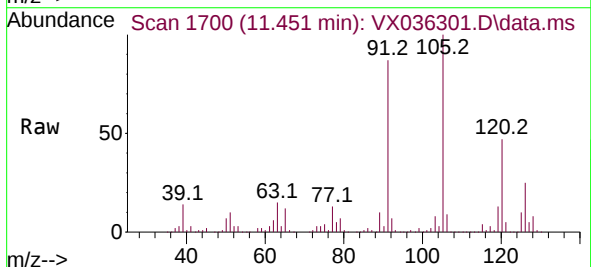
Acq: 24 Jun 2023 11:04

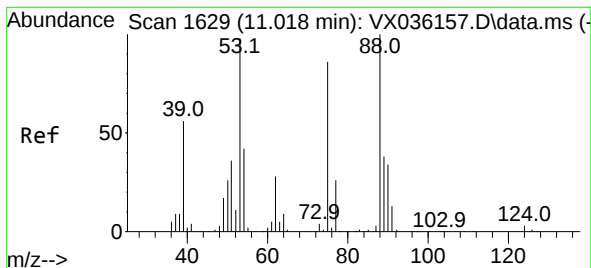
Tgt Ion:105 Resp: 508054

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3





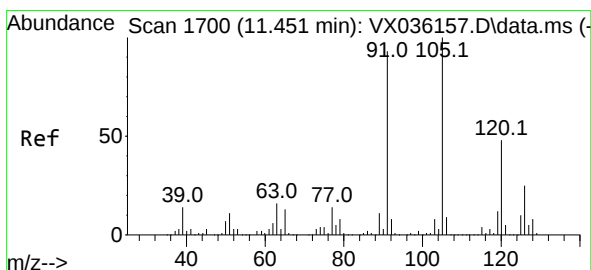
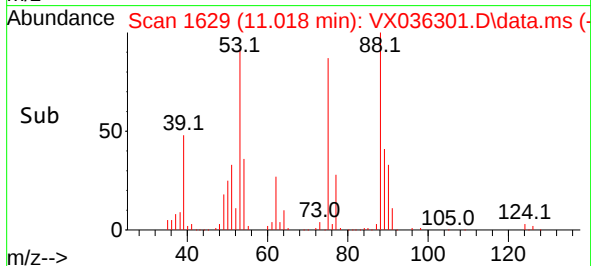
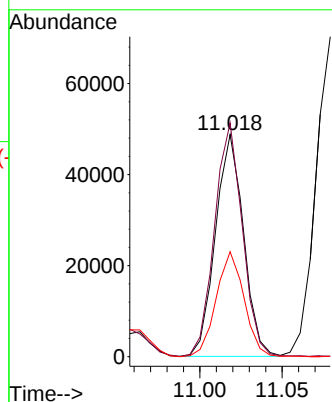
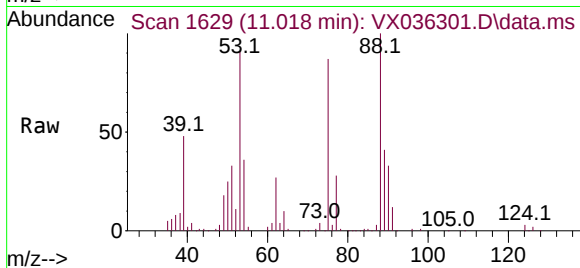
#81
trans-1,4-Dichloro-2-butene
Concen: 59.189 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 57840
Ion Ratio Lower Upper
75 100
53 105.1 90.5 135.7
89 47.1 36.9 55.3

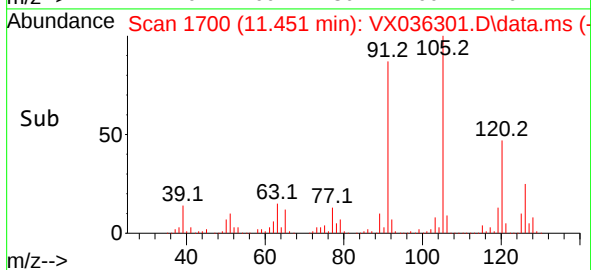
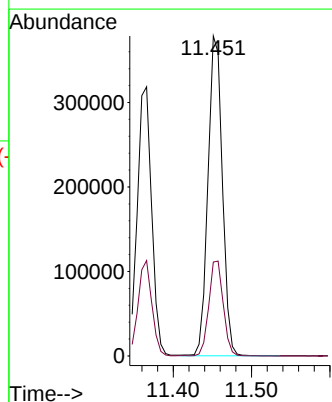
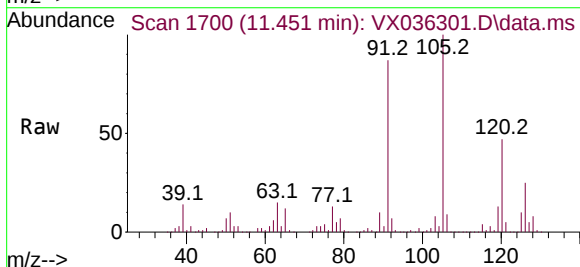
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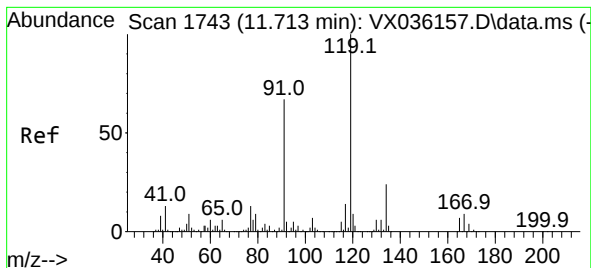
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#82
4-Chlorotoluene
Concen: 52.898 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

Tgt Ion: 91 Resp: 481571
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.072 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 49396

Ion Ratio Lower Upper

119 100

91 59.3 31.2 93.6

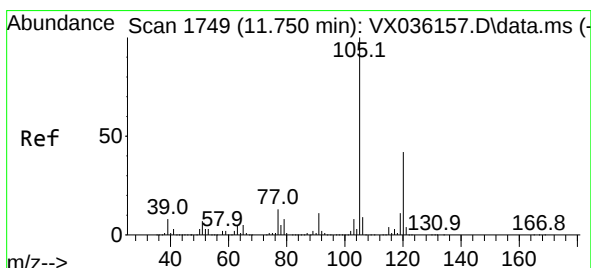
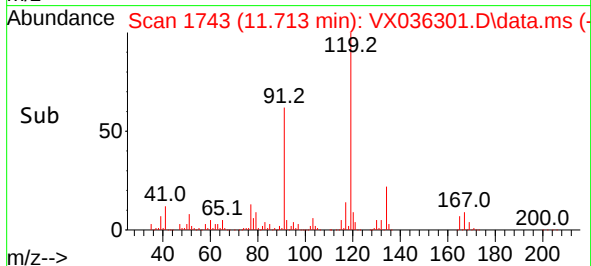
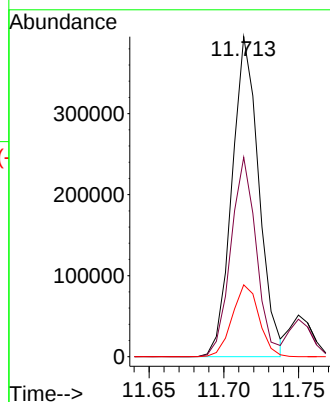
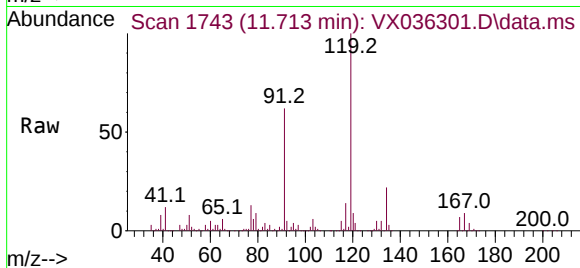
134 22.4 11.7 35.0

Manual Integrations

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Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 53.207 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036301.D

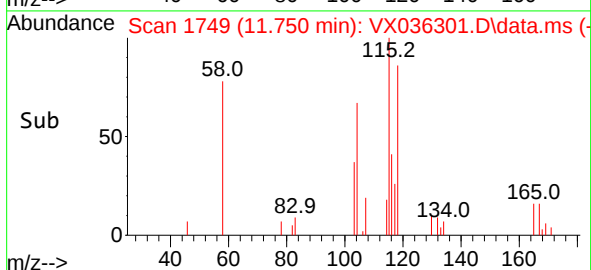
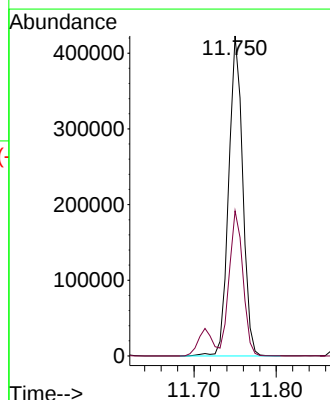
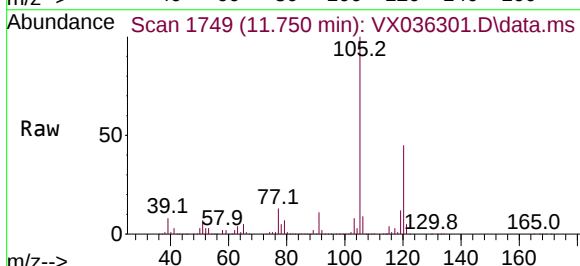
Acq: 24 Jun 2023 11:04

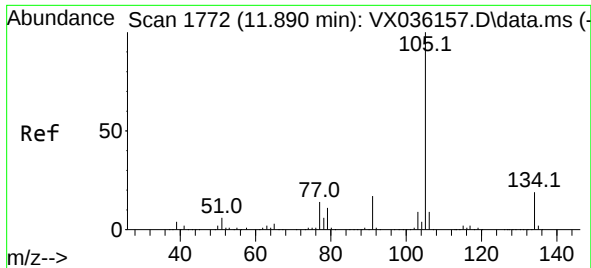
Tgt Ion:105 Resp: 501768

Ion Ratio Lower Upper

105 100

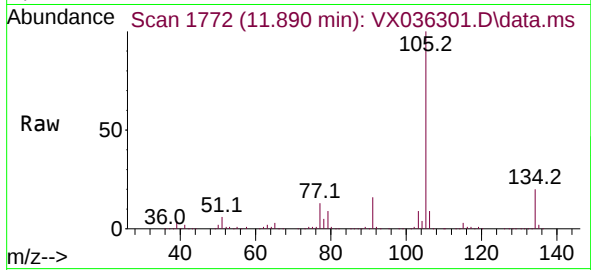
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.290 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036301.D
 Acq: 24 Jun 2023 11:04

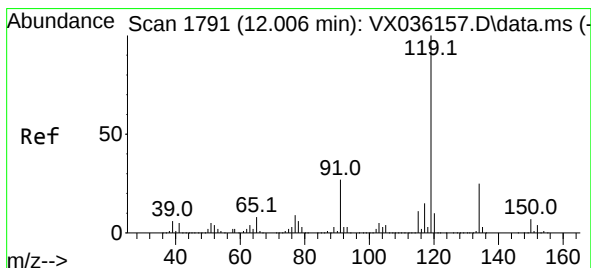
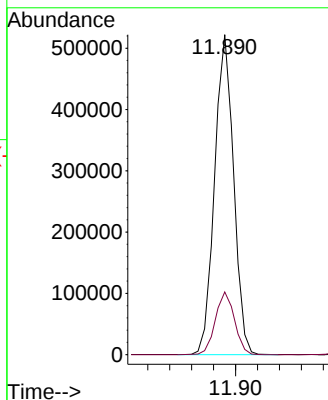
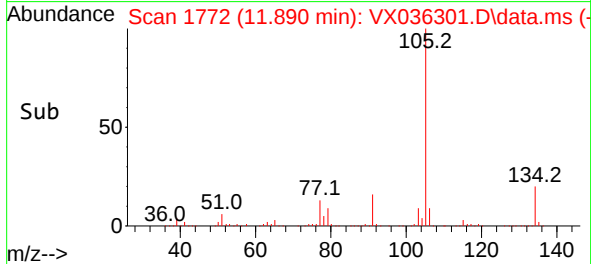
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



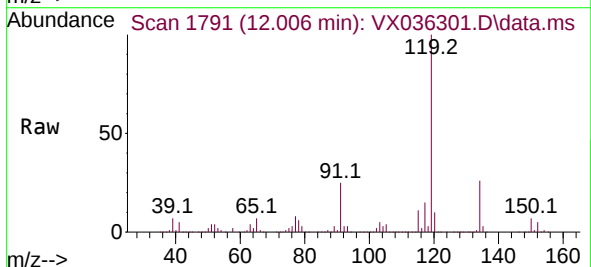
Tgt Ion:105 Resp: 628294
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

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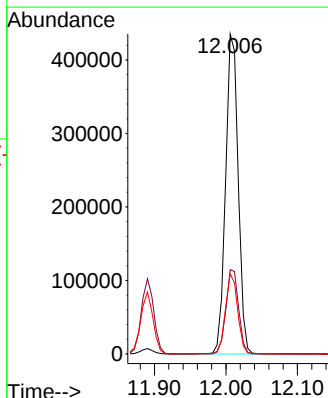
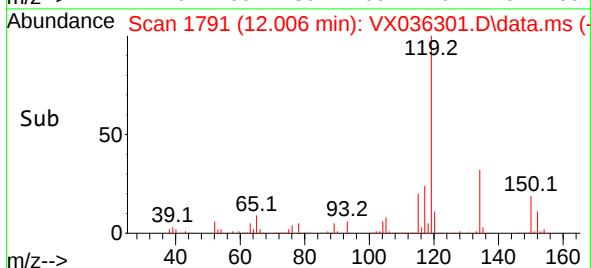
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

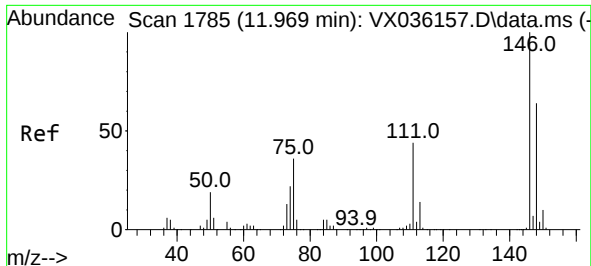


#86
 p-Isopropyltoluene
 Concen: 54.771 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036301.D
 Acq: 24 Jun 2023 11:04



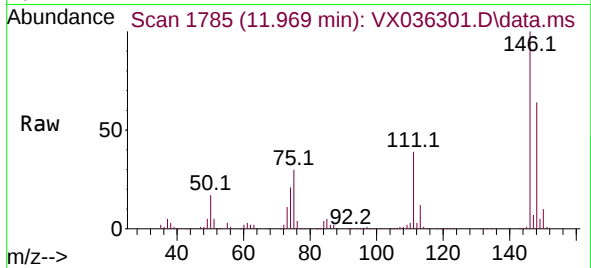
Tgt Ion:119 Resp: 531958
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 53.233 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

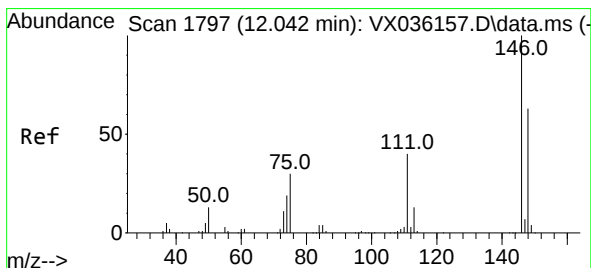
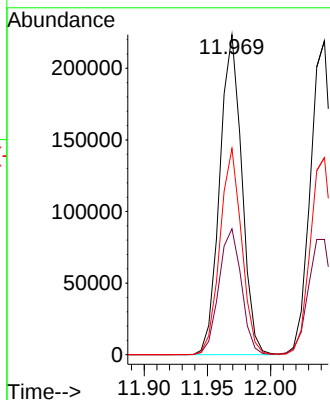
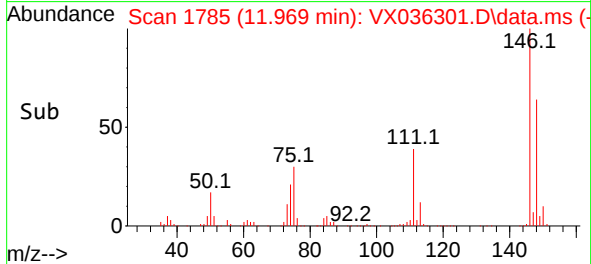
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



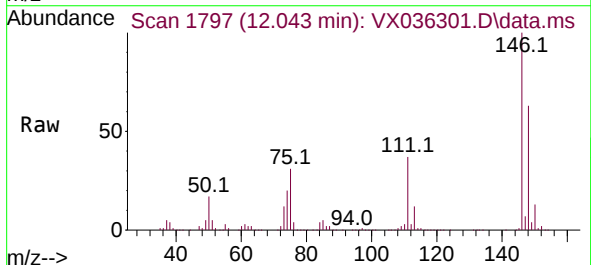
Tgt Ion:146 Resp: 270872
Ion Ratio Lower Upper
146 100
111 40.2 22.1 66.1
148 63.2 31.8 95.3

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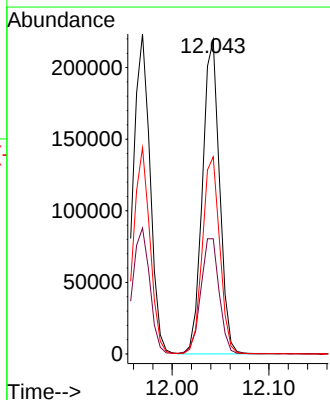
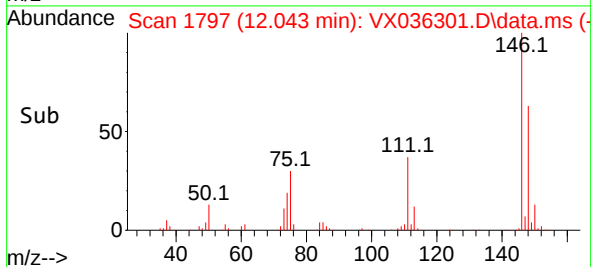
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

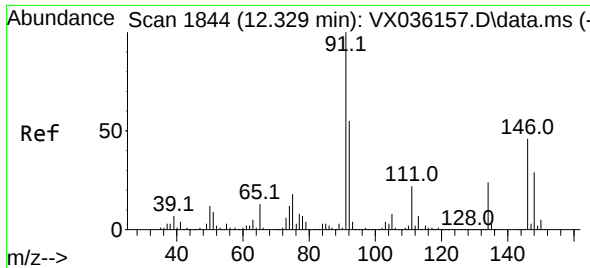


#88
1,4-Dichlorobenzene
Concen: 52.106 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



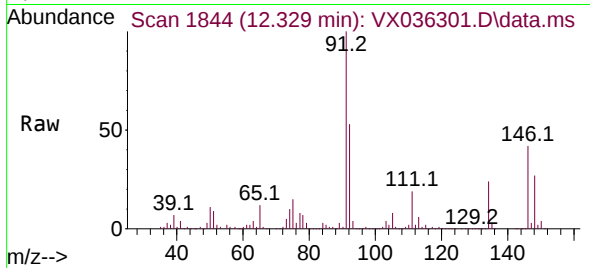
Tgt Ion:146 Resp: 269982
Ion Ratio Lower Upper
146 100
111 39.5 21.3 63.7
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 56.582 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

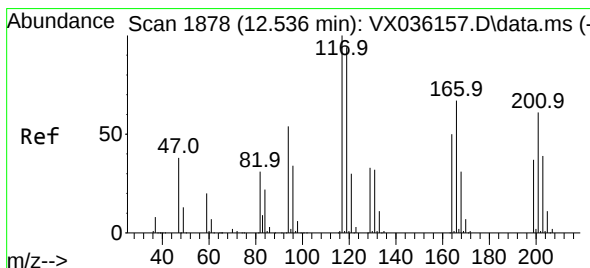
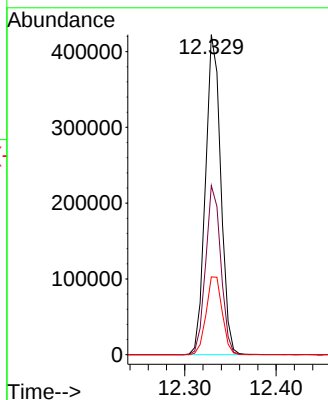
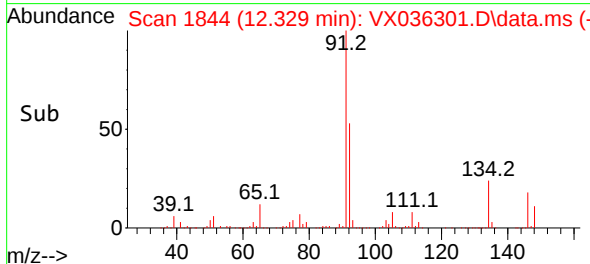
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



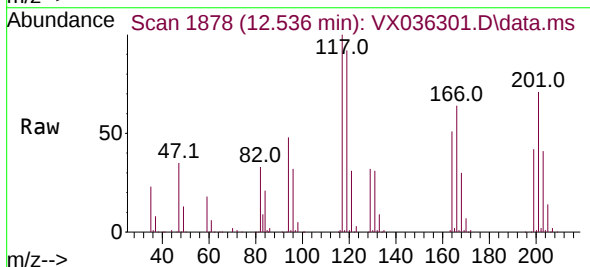
Tgt Ion: 91 Resp: 48907
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 25.6 12.6 37.8

Manual Integrations
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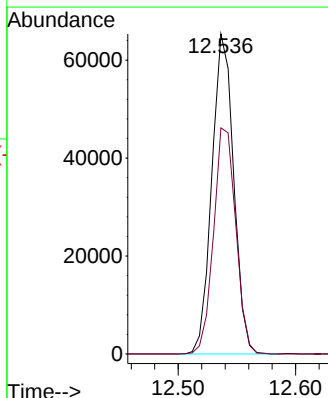
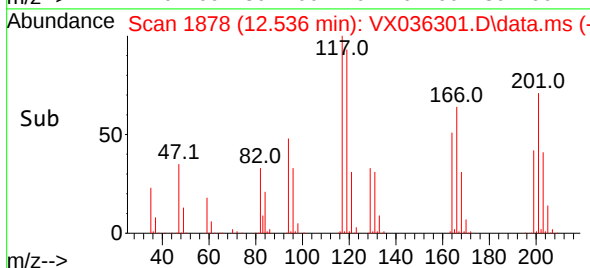
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

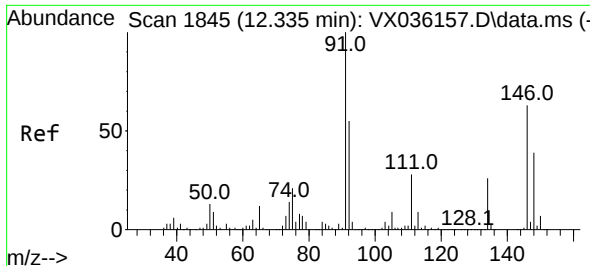


#90
Hexachloroethane
Concen: 57.217 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



Tgt Ion:117 Resp: 84168
Ion Ratio Lower Upper
117 100
201 72.2 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 52.782 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 26445

Ion Ratio Lower Upper

146 100

111 42.7 22.4 67.0

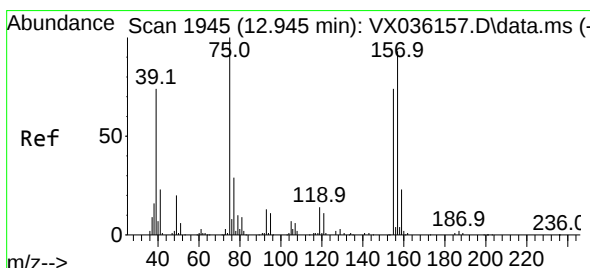
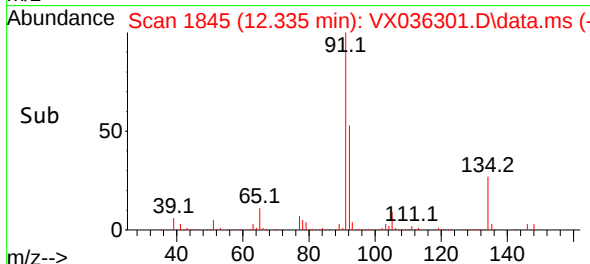
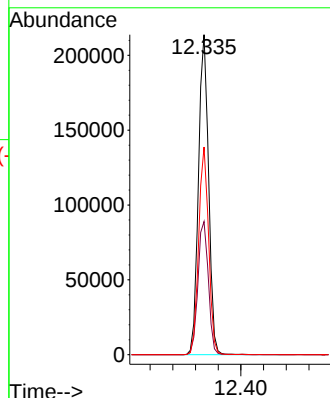
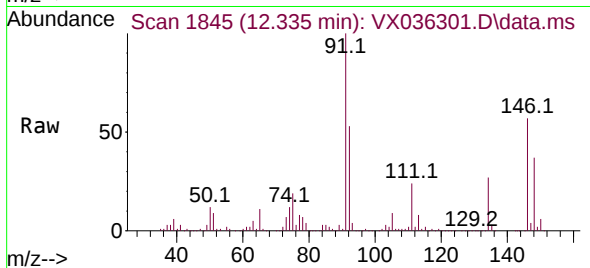
148 63.8 31.6 95.0

Manual Integrations

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Reviewed By :John Carlone 06/26/2023

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#92

1,2-Dibromo-3-Chloropropane

Concen: 57.387 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036301.D

Acq: 24 Jun 2023 11:04

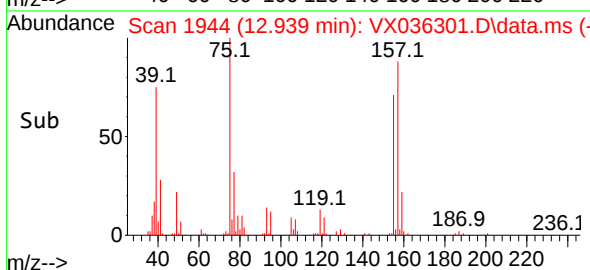
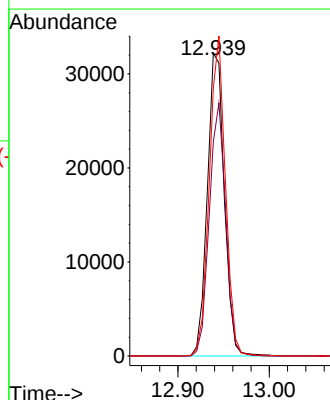
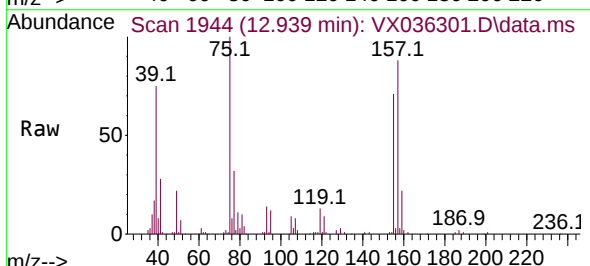
Tgt Ion: 75 Resp: 41547

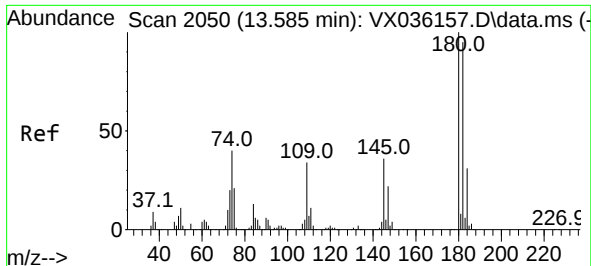
Ion Ratio Lower Upper

75 100

155 80.7 36.1 108.5

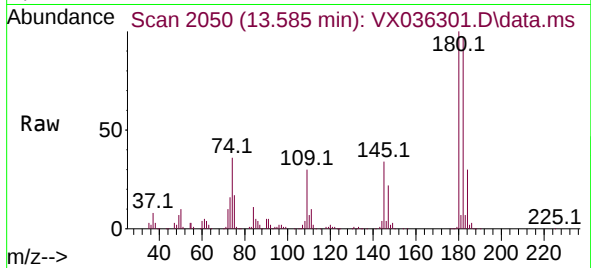
157 99.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 55.357 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

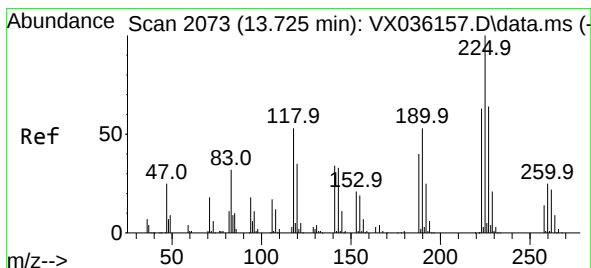
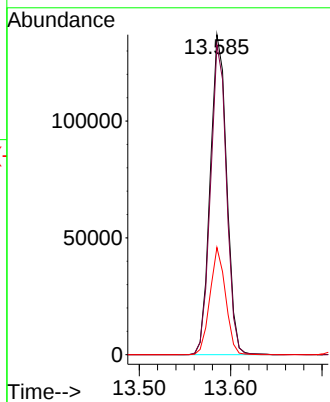
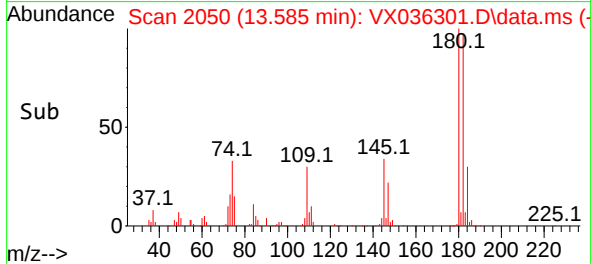
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



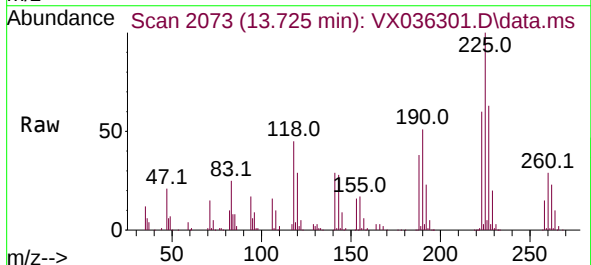
Tgt Ion:180 Resp: 170840
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.8
145 31.7 18.0 54.0

Manual Integrations
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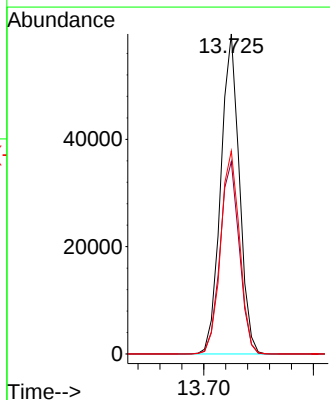
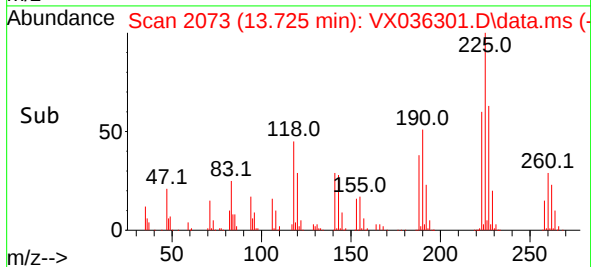
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

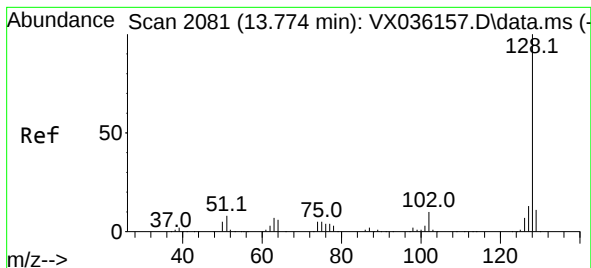


#94
Hexachlorobutadiene
Concen: 55.532 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



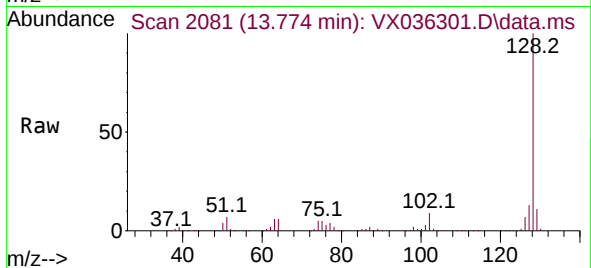
Tgt Ion:225 Resp: 70190
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 54.446 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04

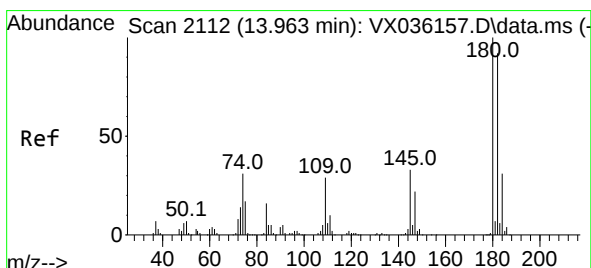
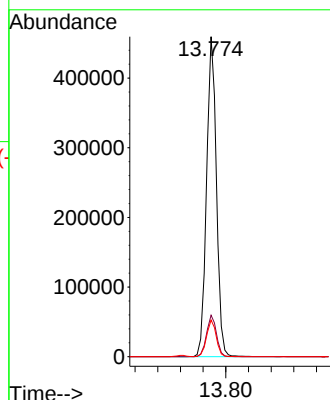
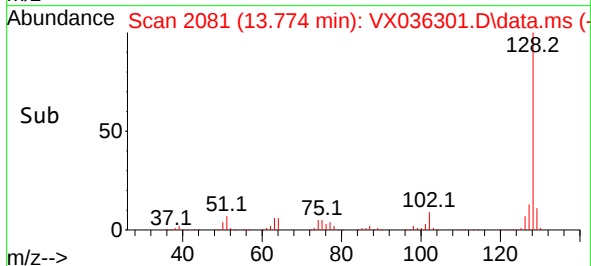
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



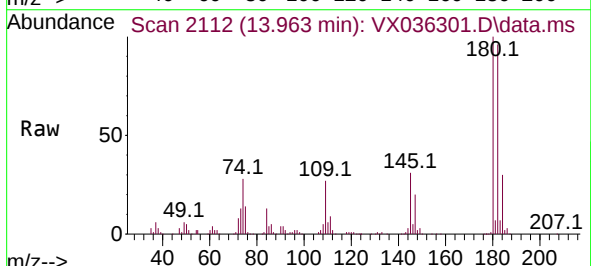
Tgt Ion:128 Resp: 555114
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.959 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036301.D
Acq: 24 Jun 2023 11:04



Tgt Ion:180 Resp: 165449
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 34.1 17.8 53.5

