

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036156.D
 Acq On : 14 Jun 2023 15:13
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 15 01:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74818	19.297	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.600%#		
35) Dibromofluoromethane	5.379	113	52331	19.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.640%#		
50) Toluene-d8	8.647	98	186859	19.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.280%#		
62) 4-Bromofluorobenzene	11.079	95	70304	19.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36167	16.518	ug/l	98
3) Chloromethane	1.294	50	44218	18.748	ug/l	98
4) Vinyl Chloride	1.374	62	40198	18.098	ug/l	96
5) Bromomethane	1.618	94	26215	18.328	ug/l	94
6) Chloroethane	1.691	64	26107	18.636	ug/l	97
7) Trichlorofluoromethane	1.886	101	56367	17.760	ug/l	96
8) Diethyl Ether	2.136	74	24527	18.545	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	33593	17.418	ug/l	99
10) Methyl Iodide	2.453	142	39406	18.308	ug/l	98
11) Tert butyl alcohol	3.026	59	52966	94.746	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32898	17.158	ug/l	95
13) Acrolein	2.246	56	55295	85.080	ug/l	98
14) Allyl chloride	2.666	41	71371	18.297	ug/l	98
15) Acrylonitrile	3.075	53	125924	94.557	ug/l	99
16) Acetone	2.404	43	128993	98.957	ug/l	99
17) Carbon Disulfide	2.514	76	80540	16.506	ug/l	99
18) Methyl Acetate	2.709	43	99556	18.169	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	141922	18.657	ug/l	97
20) Methylene Chloride	2.788	84	44158	18.299	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	39078	17.870	ug/l	96
22) Diisopropyl ether	3.757	45	148187	19.304	ug/l	99
23) Vinyl Acetate	3.721	43	533942	95.147	ug/l	100
24) 1,1-Dichloroethane	3.611	63	80380	18.979	ug/l	99
25) 2-Butanone	4.574	43	181621	95.369	ug/l	100
26) 2,2-Dichloropropane	4.477	77	59040	17.419	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	46371	18.378	ug/l	99
28) Bromochloromethane	4.904	49	39345	17.949	ug/l	99
29) Tetrahydrofuran	5.019	42	116962	95.473	ug/l	99
30) Chloroform	5.093	83	81935	18.476	ug/l	96
31) Cyclohexane	5.471	56	56656	16.737	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	67599	18.034	ug/l	99
36) 1,1-Dichloropropene	5.690	75	54630	17.440	ug/l	99
37) Ethyl Acetate	4.721	43	70021	18.201	ug/l	99
38) Carbon Tetrachloride	5.678	117	52885	17.488	ug/l	100
39) Methylcyclohexane	7.379	83	53442	16.063	ug/l	97
40) Benzene	6.038	78	169031	18.803	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40188	18.734	ug/l	99
42) 1,2-Dichloroethane	6.092	62	73786	19.027	ug/l	99
43) Isopropyl Acetate	6.342	43	110164	18.464	ug/l	99
44) Trichloroethene	7.129	130	41879	18.158	ug/l	99
45) 1,2-Dichloropropane	7.428	63	44577	18.942	ug/l	99
46) Dibromomethane	7.580	93	31617	18.398	ug/l	99
47) Bromodichloromethane	7.824	83	58715	18.320	ug/l	93
48) Methyl methacrylate	7.696	41	54737	18.428	ug/l	98
49) 1,4-Dioxane	7.732	88	23082	397.189	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	360361	100.186	ug/l	99
52) Toluene	8.720	92	105488	18.662	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	61149	18.046	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68449	18.609	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	43810	18.470	ug/l	92
56) Ethyl methacrylate	9.116	69	69440	18.942	ug/l	98
57) 1,3-Dichloropropane	9.305	76	79131	19.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	192024	99.211	ug/l	99
59) 2-Hexanone	9.433	43	267808	100.365	ug/l	100
60) Dibromochloromethane	9.519	129	41200	18.249	ug/l	100
61) 1,2-Dibromoethane	9.610	107	47531	19.109	ug/l	99
64) Tetrachloroethene	9.275	164	32462	17.545	ug/l	97
65) Chlorobenzene	10.079	112	114462	18.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40137	18.513	ug/l	99
67) Ethyl Benzene	10.195	91	201964	18.554	ug/l	98
68) m/p-Xylenes	10.299	106	156439	37.683	ug/l	99
69) o-Xylene	10.640	106	76972	18.784	ug/l	97
70) Styrene	10.653	104	127670	18.987	ug/l	99
71) Bromoform	10.799	173	26126	16.397	ug/l #	99
73) Isopropylbenzene	10.963	105	190007	18.020	ug/l	100
74) N-amyl acetate	10.842	43	93615	19.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	69142	19.194	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68652m	19.782	ug/l	
77) Bromobenzene	11.195	156	45692	18.464	ug/l	96
78) n-propylbenzene	11.305	91	222410	18.120	ug/l	100
79) 2-Chlorotoluene	11.366	91	144146	18.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	167687	18.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16848	17.174	ug/l	86
82) 4-Chlorotoluene	11.451	91	164657	18.591	ug/l	99
83) tert-Butylbenzene	11.713	119	152474	18.070	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	170231	19.044	ug/l	97
85) sec-Butylbenzene	11.890	105	183013	17.836	ug/l	100
86) p-Isopropyltoluene	12.006	119	157649	18.151	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	86831	18.392	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	89091	18.289	ug/l	98
89) n-Butylbenzene	12.329	91	128080	17.161	ug/l	99
90) Hexachloroethane	12.536	117	22851	16.808	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	86691	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15340	18.601	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	45595	17.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	16225	16.009	ug/l	99
95) Naphthalene	13.774	128	170930	18.430	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	45677	17.509	ug/l	98

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

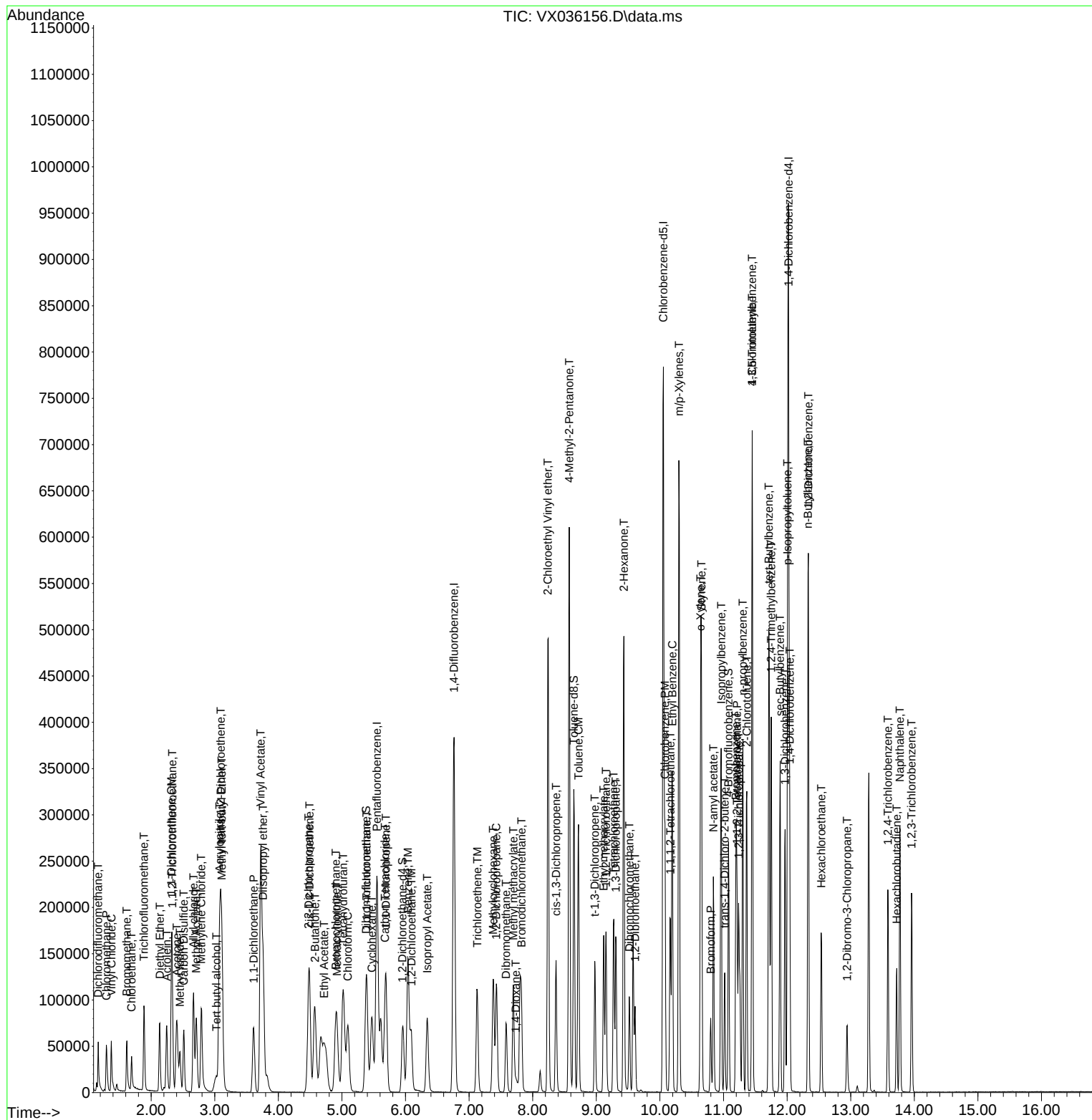
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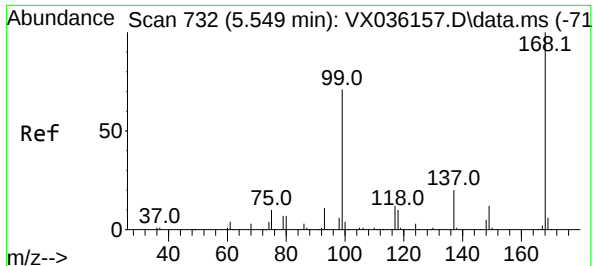
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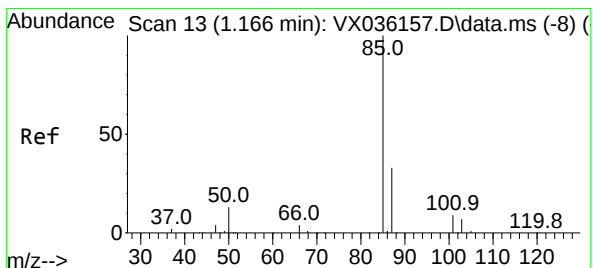
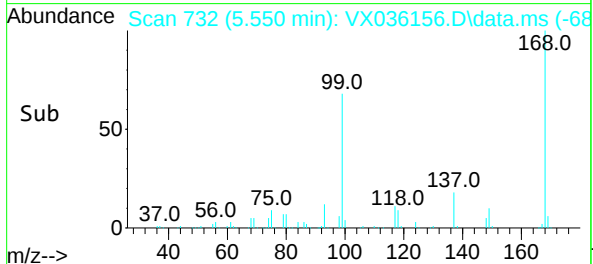
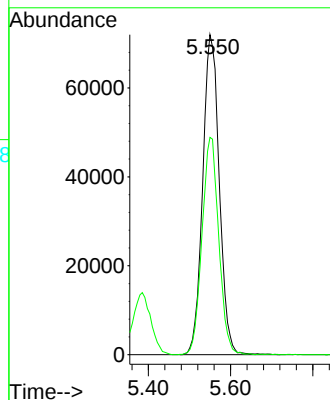
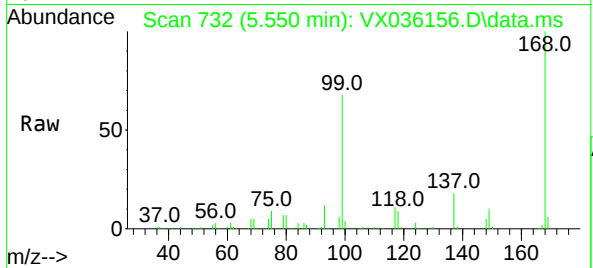
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036156.D
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ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 201438
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0

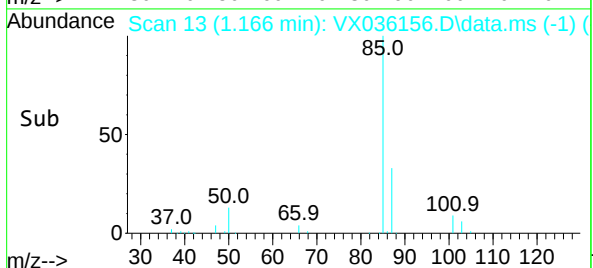
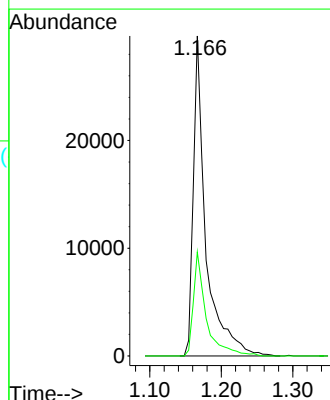
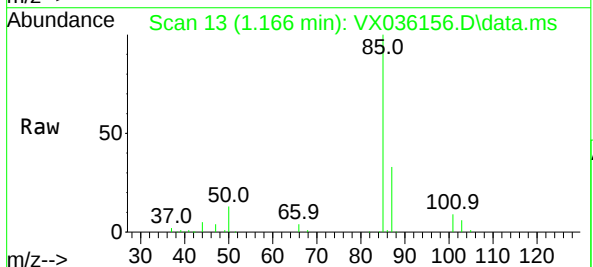
Manual Integrations
APPROVED

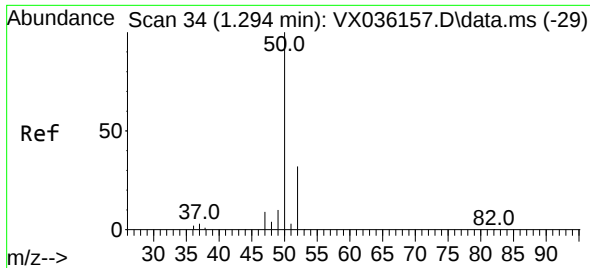
Reviewed By :John Carlone 06/15/2023
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#2
Dichlorodifluoromethane
Concen: 16.518 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

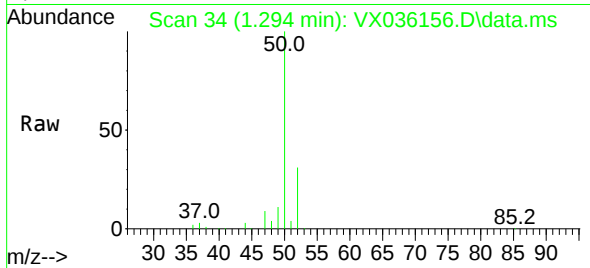
Tgt Ion: 85 Resp: 36167
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 18.748 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

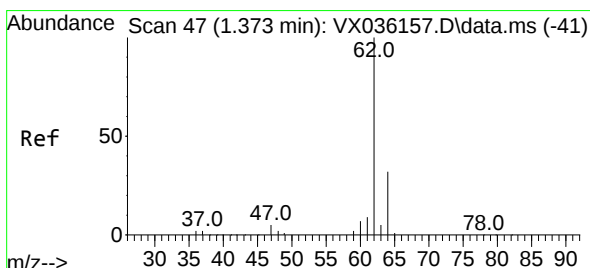
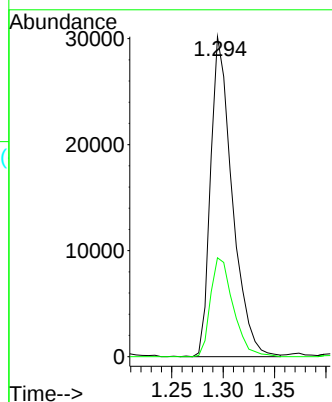
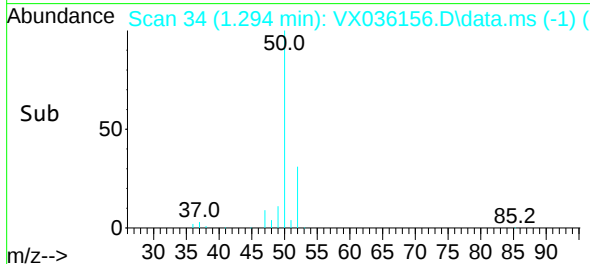
Instrument :
MSVOA_X
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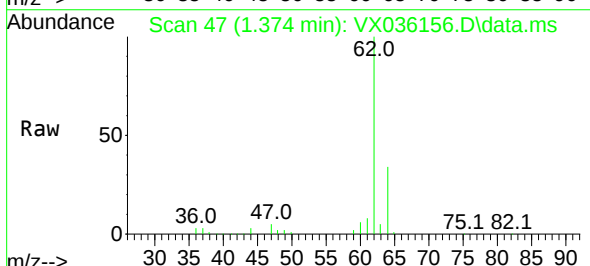
Tgt Ion: 50 Resp: 44218
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

Manual Integrations
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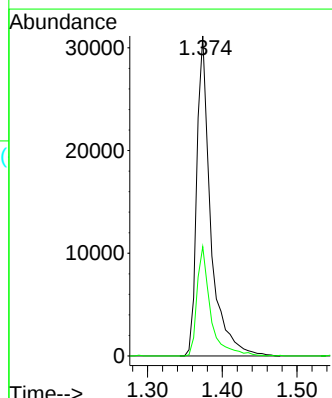
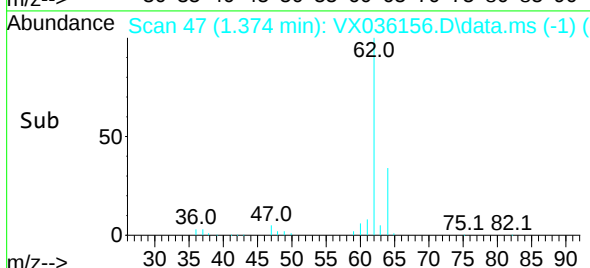
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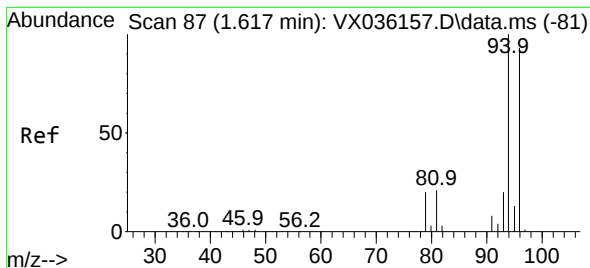


#4
Vinyl Chloride
Concen: 18.098 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 62 Resp: 40198
Ion Ratio Lower Upper
62 100
64 34.2 25.4 38.0





#5

Bromomethane

Concen: 18.328 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 2621

Ion Ratio Lower Upper

94 100

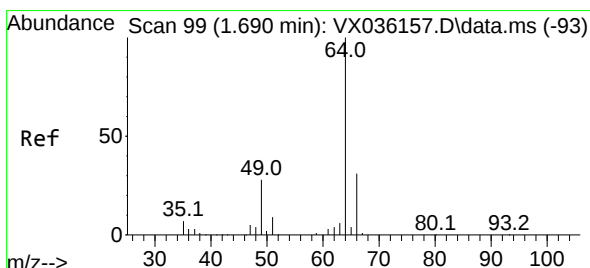
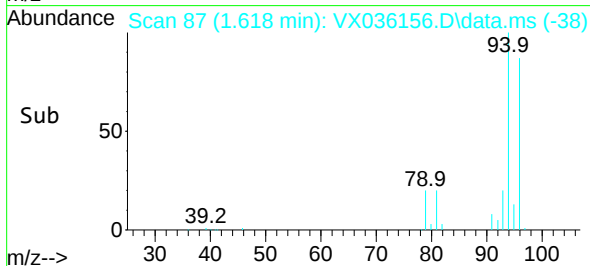
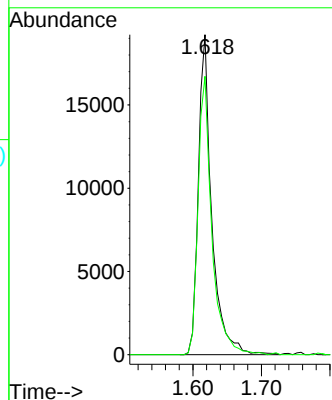
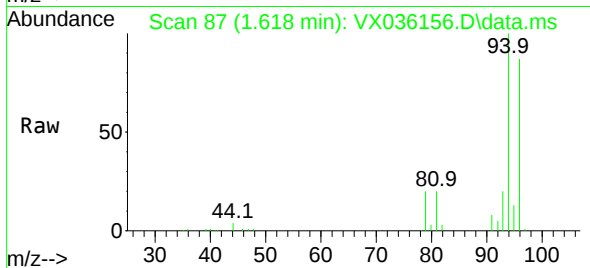
96 87.0 74.6 111.8

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#6

Chloroethane

Concen: 18.636 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX036156.D

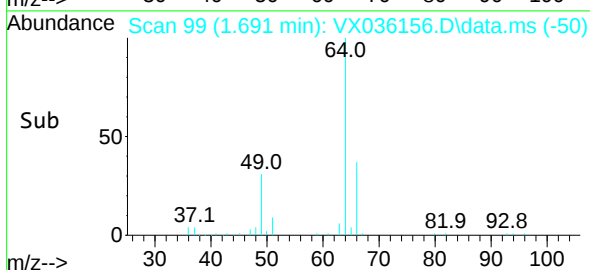
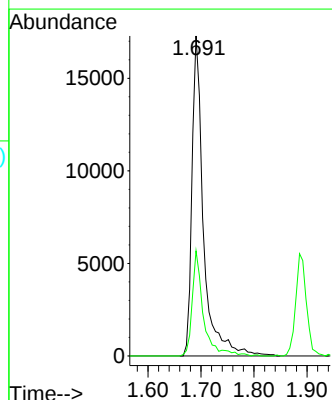
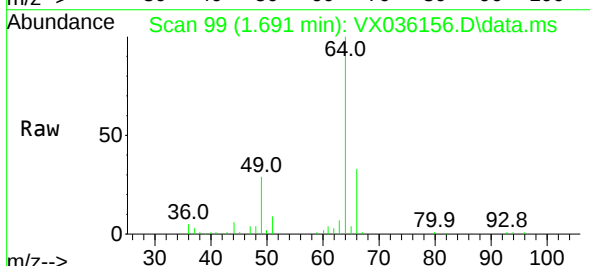
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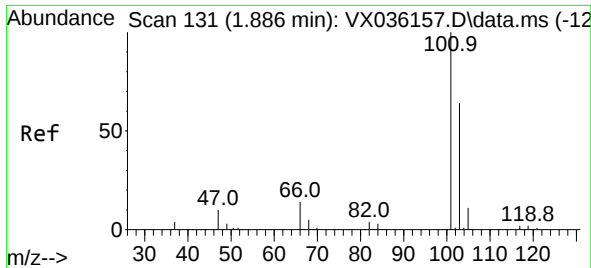
Tgt Ion: 64 Resp: 26107

Ion Ratio Lower Upper

64 100

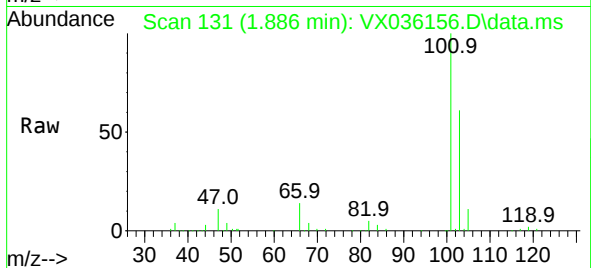
66 32.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 17.760 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

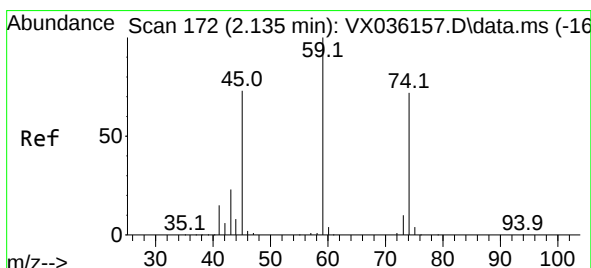
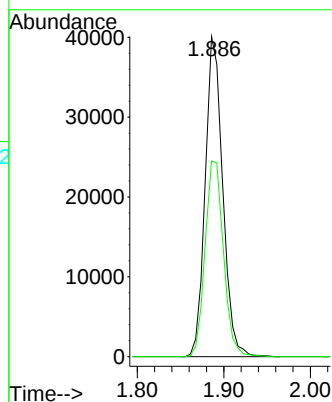
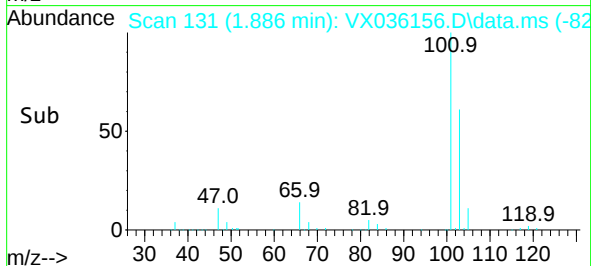
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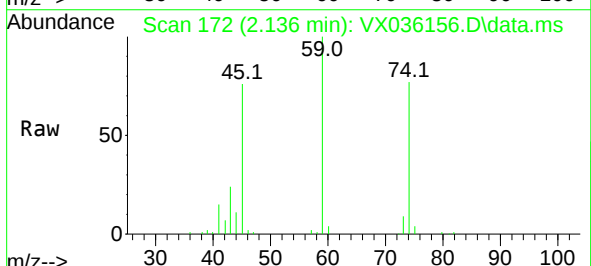
Tgt Ion:101 Resp: 5636
Ion Ratio Lower Upper
101 100
103 61.1 51.4 77.2

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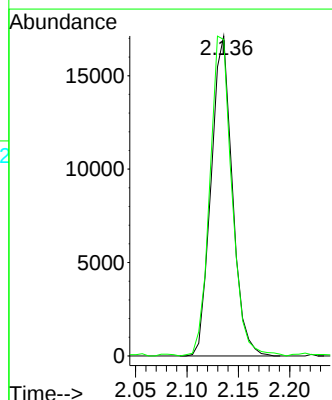
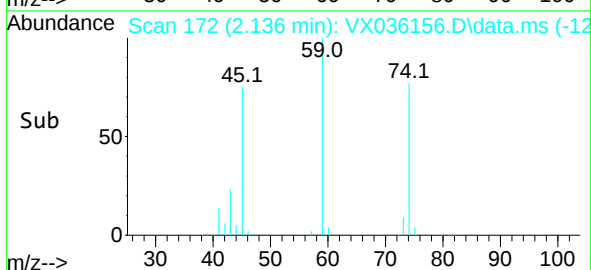
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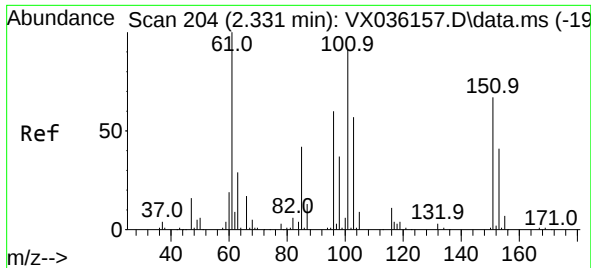


#8
Diethyl Ether
Concen: 18.545 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 24527
Ion Ratio Lower Upper
74 100
45 104.4 53.3 159.8





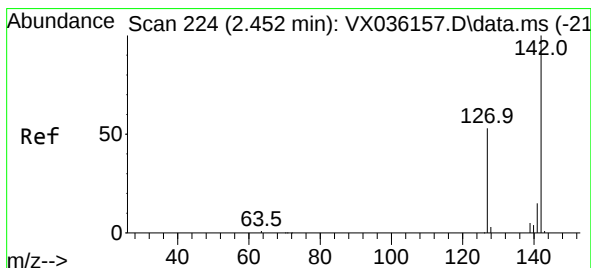
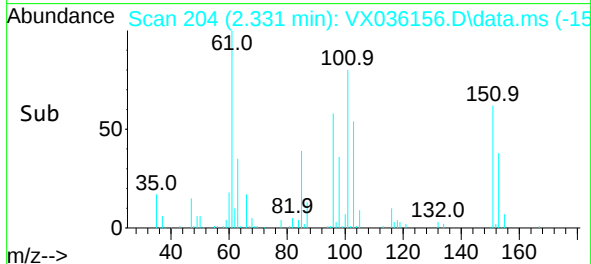
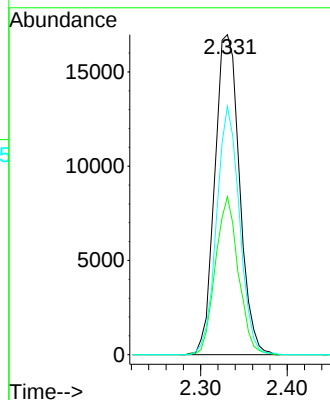
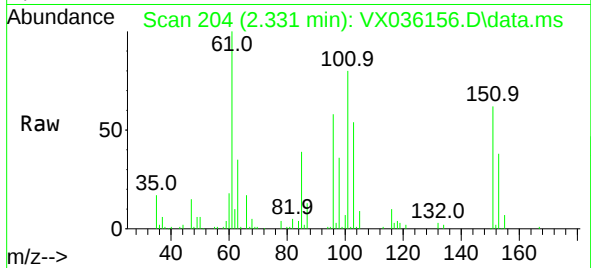
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.418 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3359
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 71.9 58.6 87.8

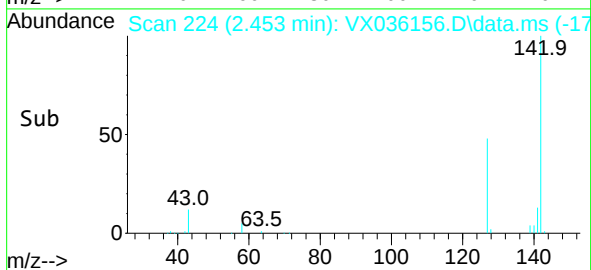
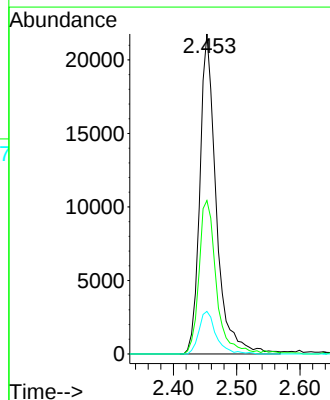
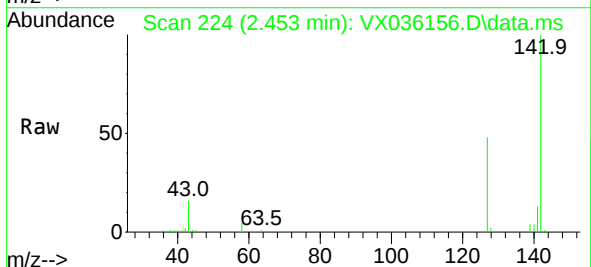
Manual Integrations
APPROVED

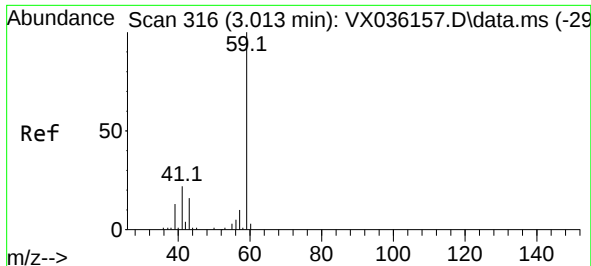
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#10
Methyl Iodide
Concen: 18.308 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

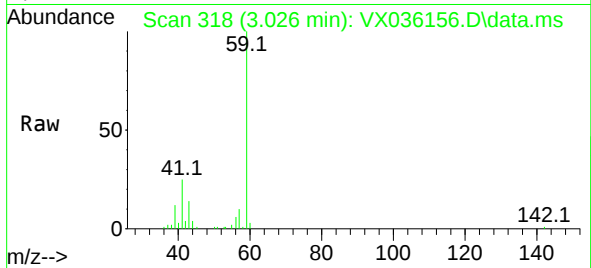
Tgt Ion:142 Resp: 39406
Ion Ratio Lower Upper
142 100
127 50.4 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 94.746 ug/l
RT: 3.026 min Scan# 316
Delta R.T. 0.013 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

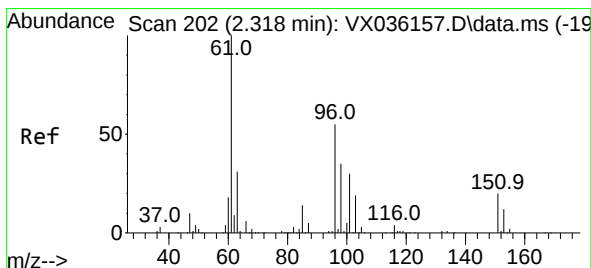
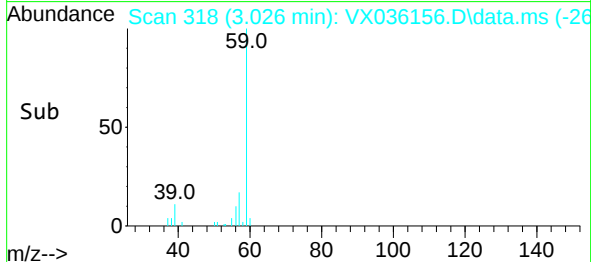
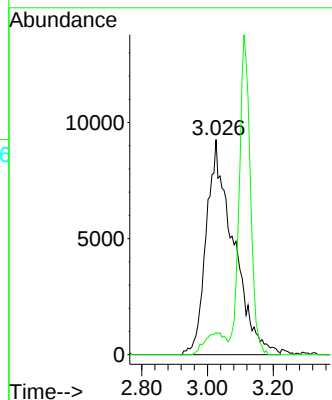
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 52960
Ion Ratio Lower Upper
59 100
57 7.8 6.0 9.0

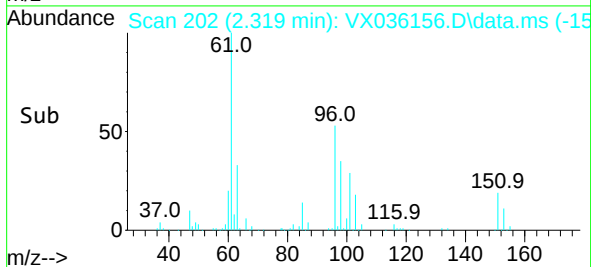
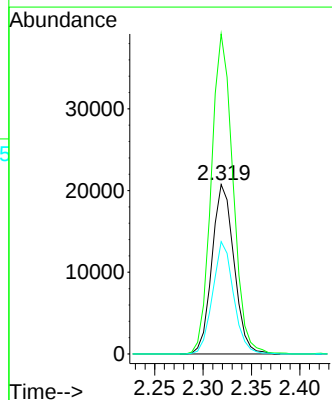
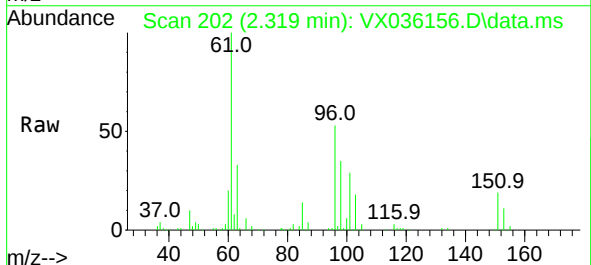
Manual Integrations
APPROVED

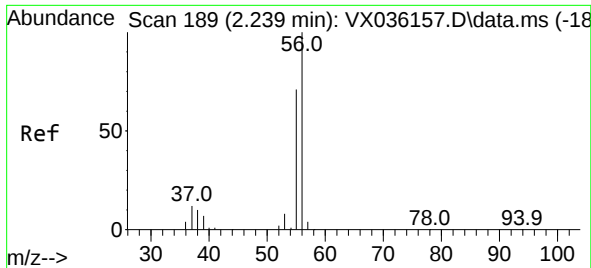
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#12
1,1-Dichloroethene
Concen: 17.158 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 96 Resp: 32898
Ion Ratio Lower Upper
96 100
61 188.9 144.6 216.8
98 66.3 50.4 75.6





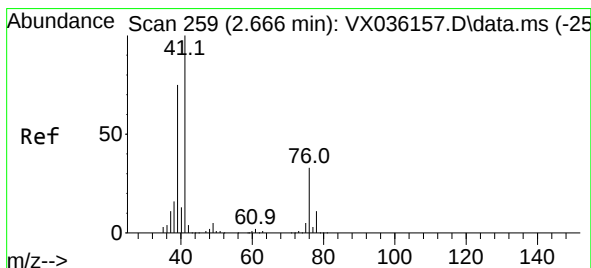
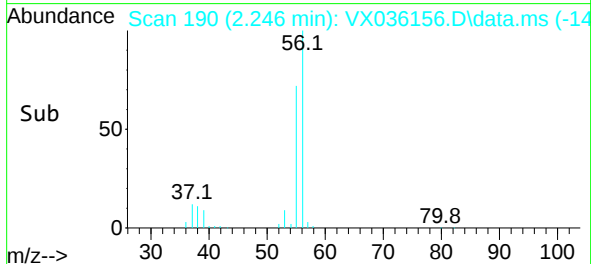
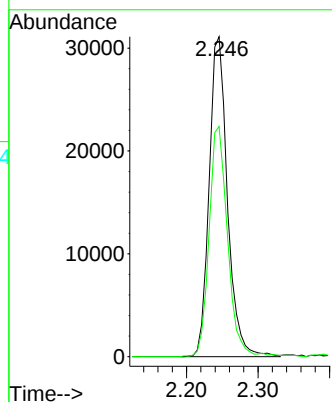
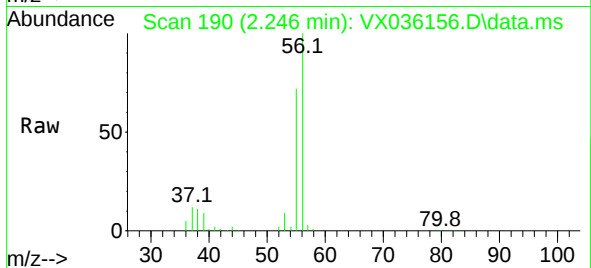
#13
Acrolein
Concen: 85.080 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 55295
Ion Ratio Lower Upper
56 100
55 73.1 57.1 85.7

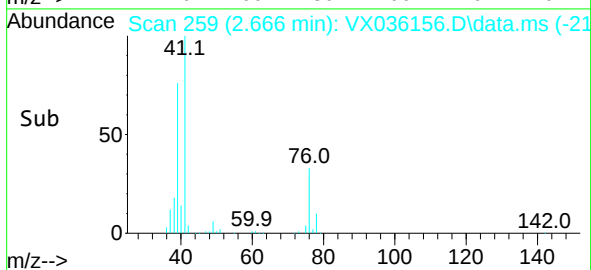
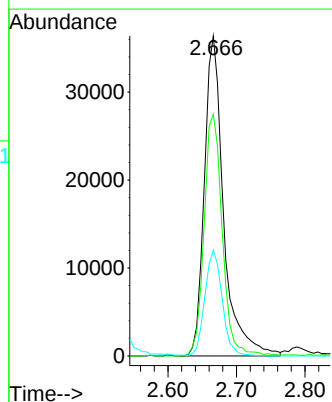
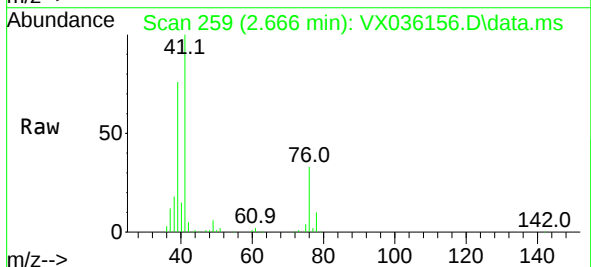
Manual Integrations
APPROVED

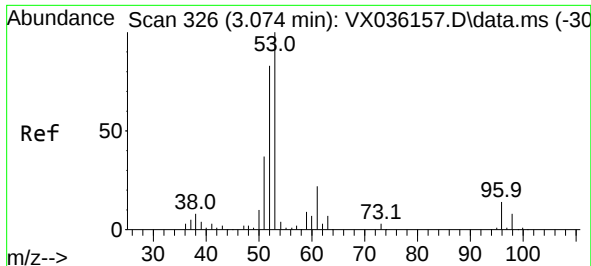
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#14
Allyl chloride
Concen: 18.297 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

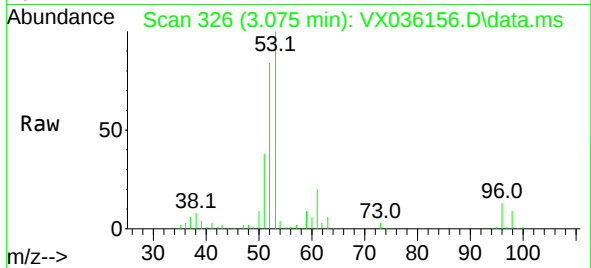
Tgt Ion: 41 Resp: 71371
Ion Ratio Lower Upper
41 100
39 71.3 55.8 83.6
76 29.8 24.3 36.5





#15
Acrylonitrile
Concen: 94.557 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

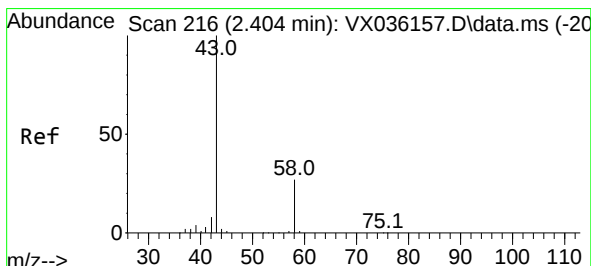
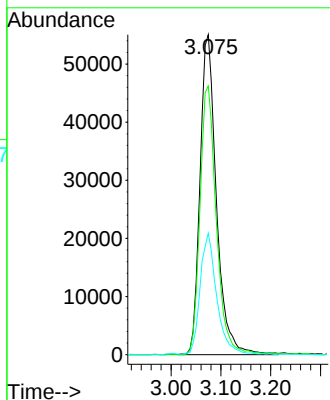
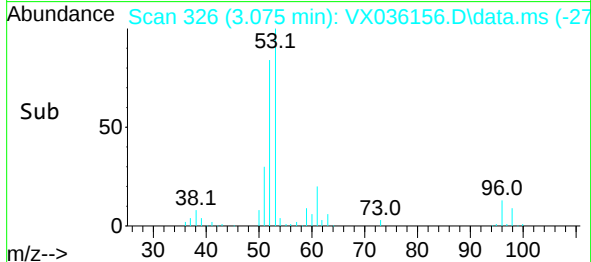
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



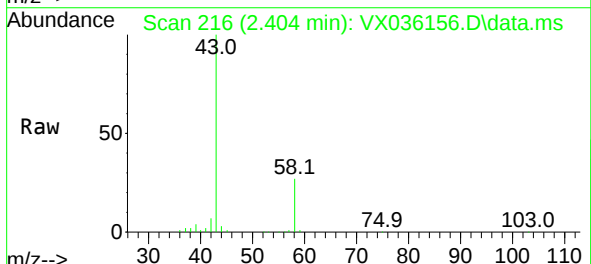
Tgt Ion: 53 Resp: 125924
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 38.5 29.8 44.6

Manual Integrations
APPROVED

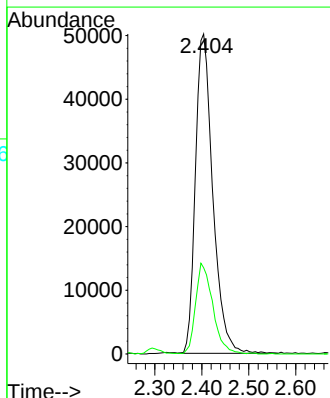
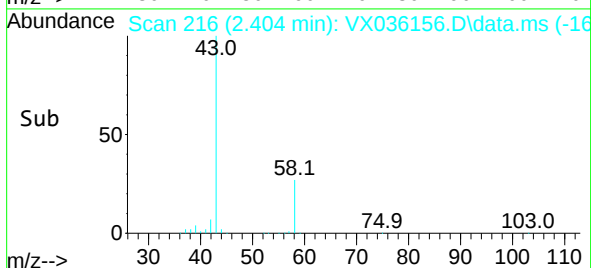
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

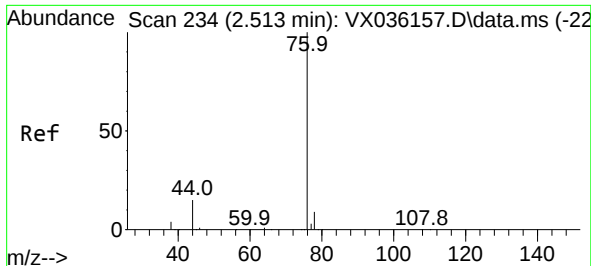


#16
Acetone
Concen: 98.957 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 43 Resp: 128993
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9





#17

Carbon Disulfide

Concen: 16.506 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 80540

Ion Ratio Lower Upper

76 100

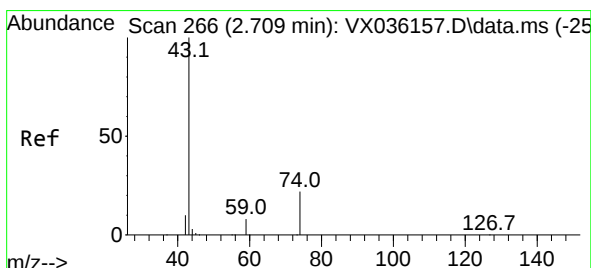
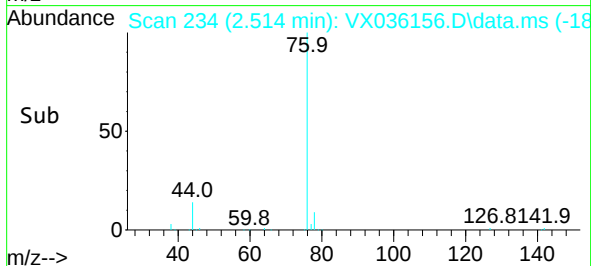
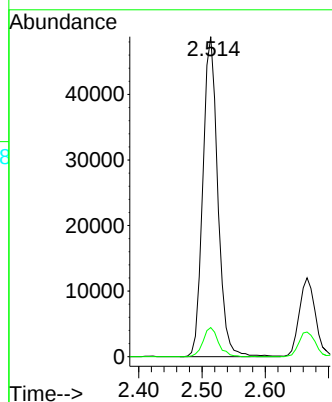
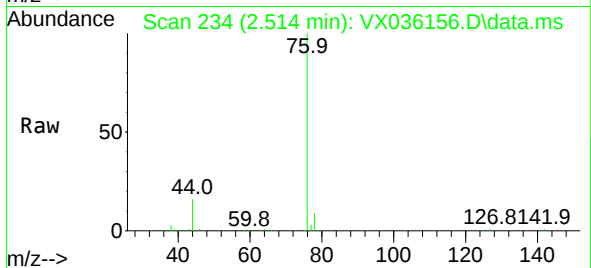
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#18

Methyl Acetate

Concen: 18.169 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036156.D

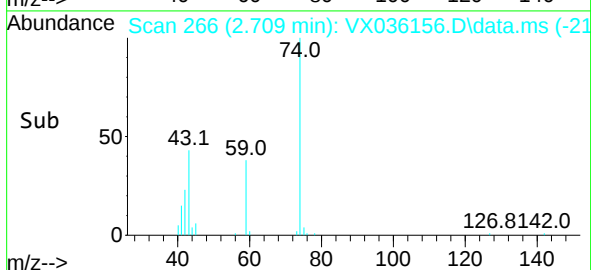
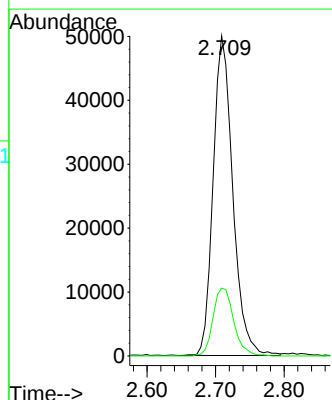
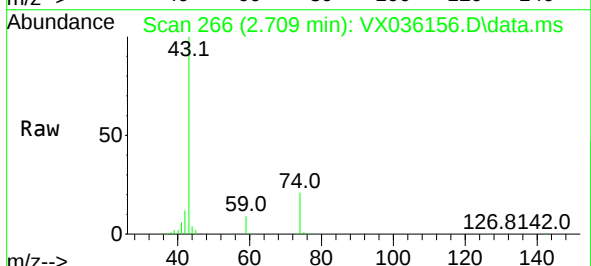
Acq: 14 Jun 2023 15:13

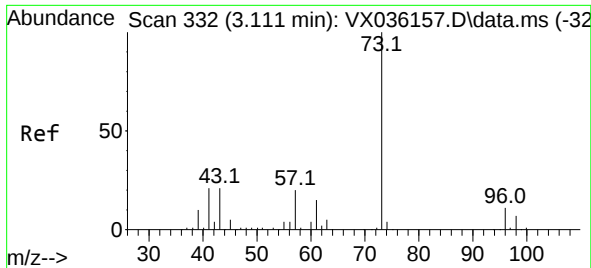
Tgt Ion: 43 Resp: 99556

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8





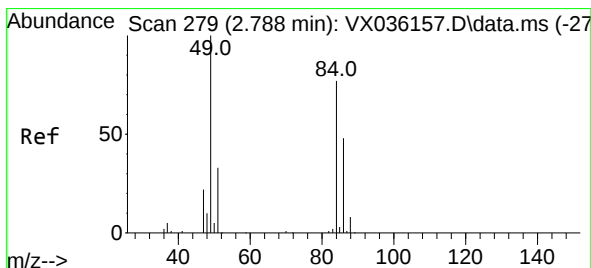
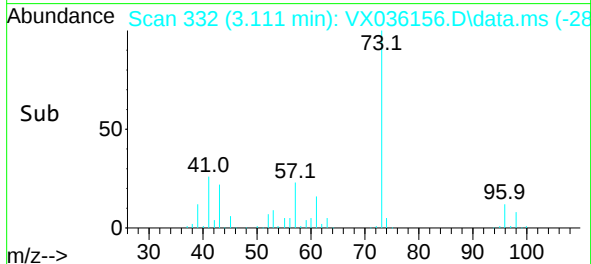
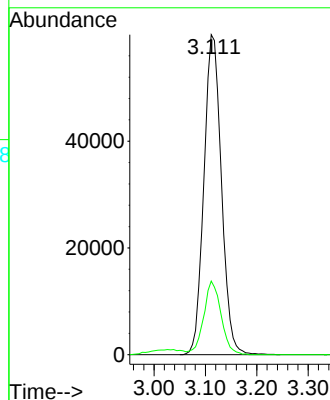
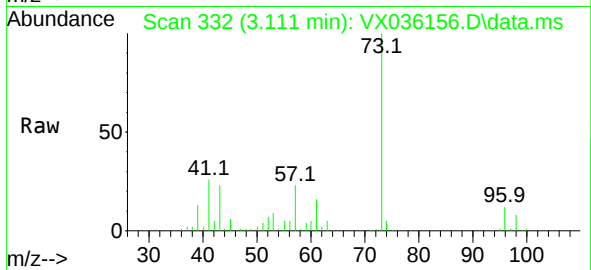
#19
Methyl tert-butyl Ether
Concen: 18.657 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 14192
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

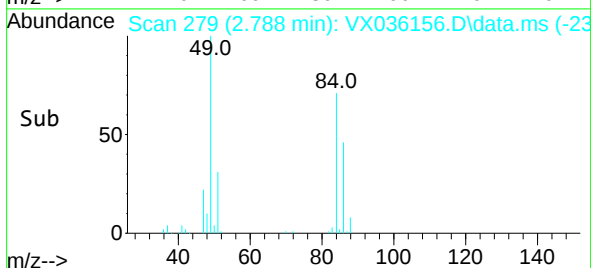
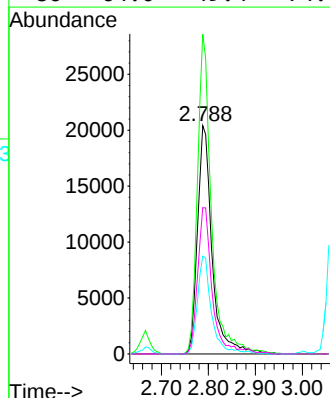
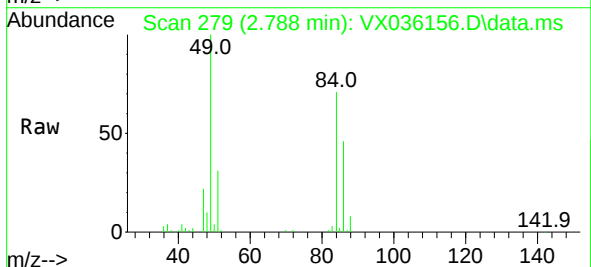
Manual Integrations
APPROVED

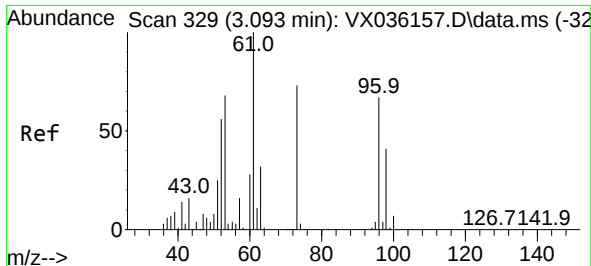
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#20
Methylene Chloride
Concen: 18.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 84 Resp: 44158
Ion Ratio Lower Upper
84 100
49 140.1 103.6 155.4
51 42.8 33.8 50.6
86 64.0 49.4 74.0





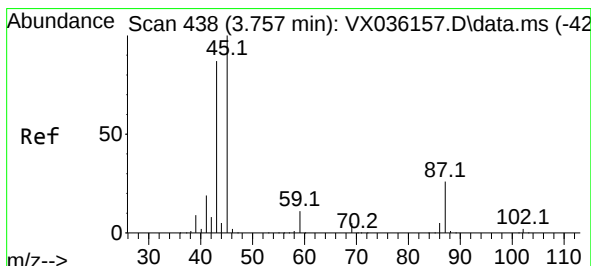
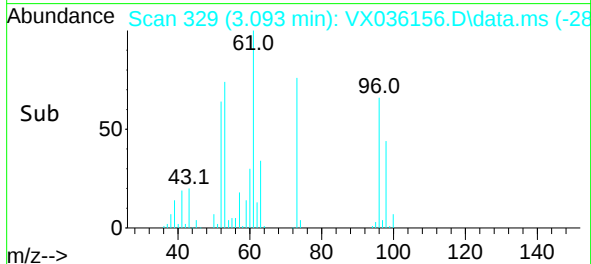
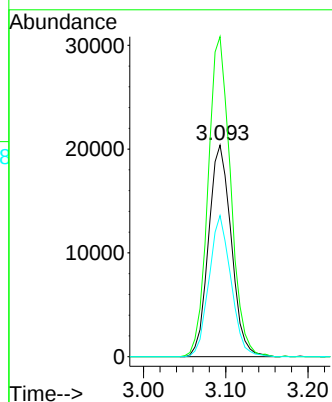
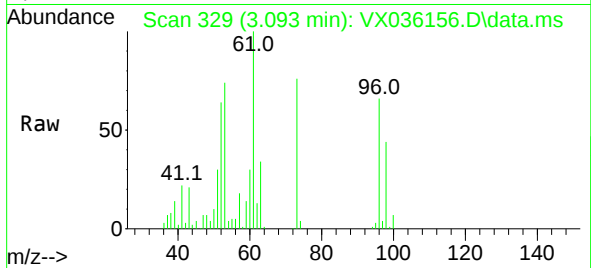
#21
trans-1,2-Dichloroethene
Concen: 17.870 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 39078
Ion Ratio Lower Upper
96 100
61 151.3 119.2 178.8
98 66.8 48.7 73.1

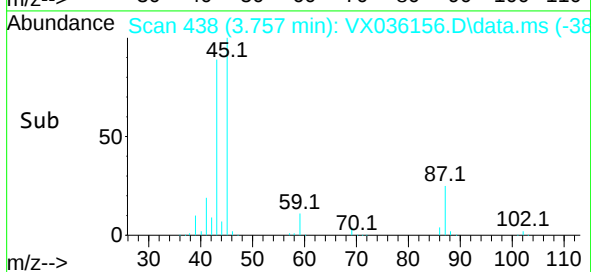
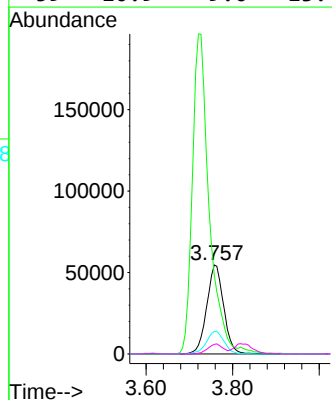
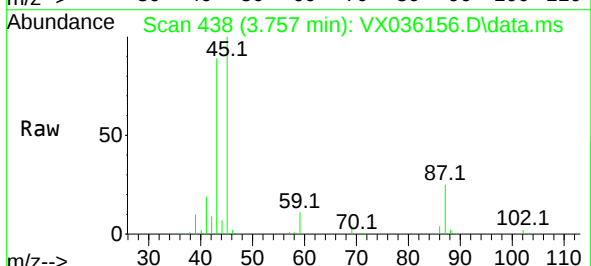
Manual Integrations
APPROVED

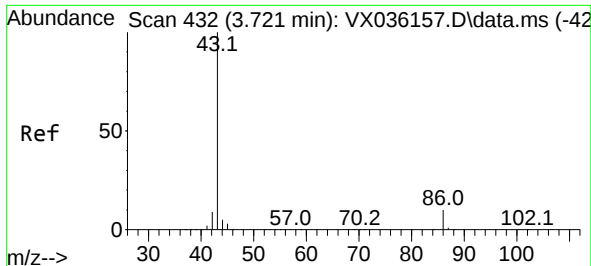
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#22
Diisopropyl ether
Concen: 19.304 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 45 Resp: 148187
Ion Ratio Lower Upper
45 100
43 87.8 69.7 104.5
87 25.4 20.8 31.2
59 10.9 9.0 13.4





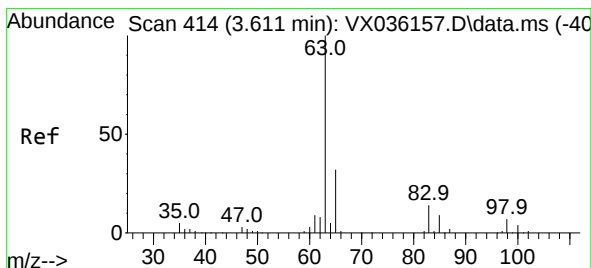
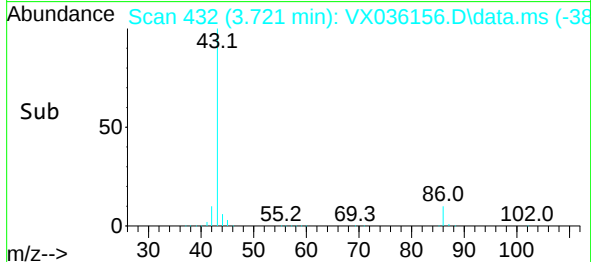
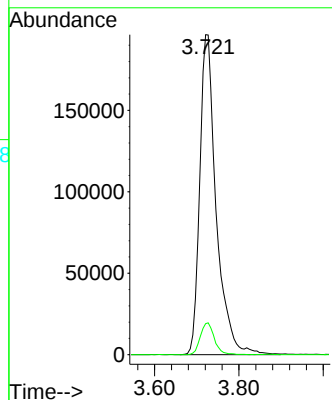
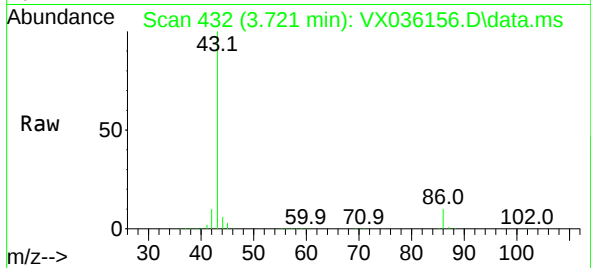
#23
 Vinyl Acetate
 Concen: 95.147 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 53394
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

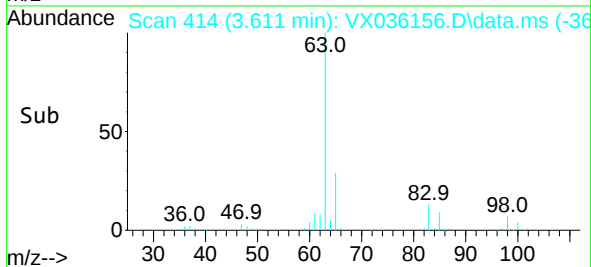
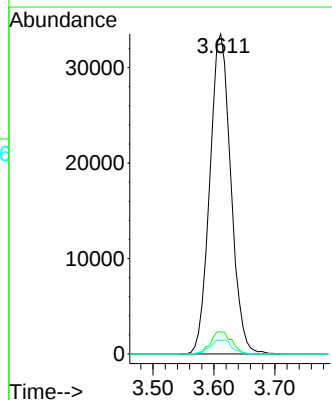
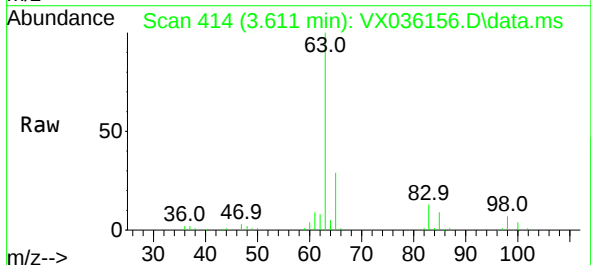
Manual Integrations
 APPROVED

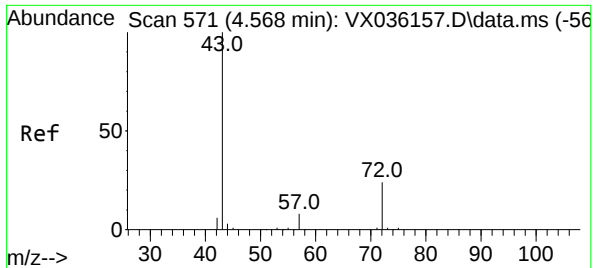
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023



#24
 1,1-Dichloroethane
 Concen: 18.979 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13

Tgt Ion: 63 Resp: 80380
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.2 2.1 6.5





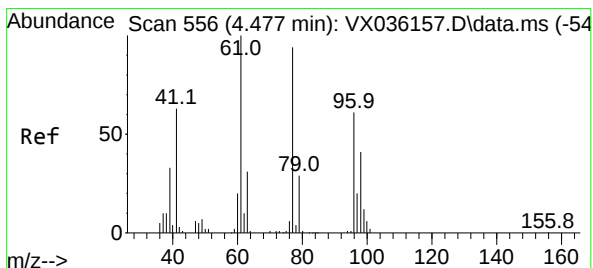
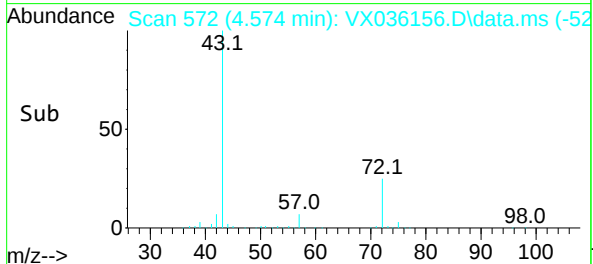
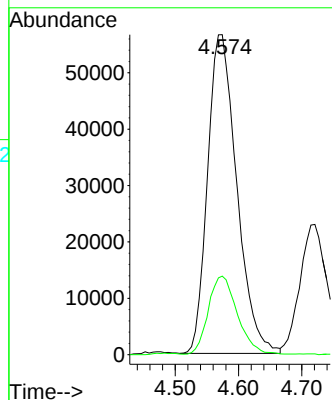
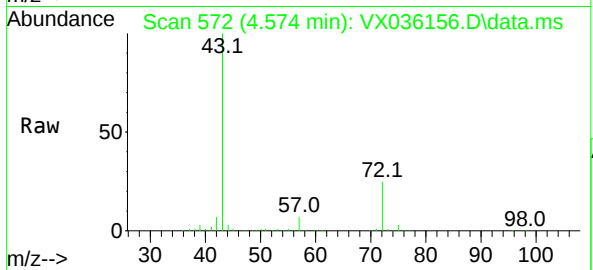
#25
2-Butanone
Concen: 95.369 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 18162
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2

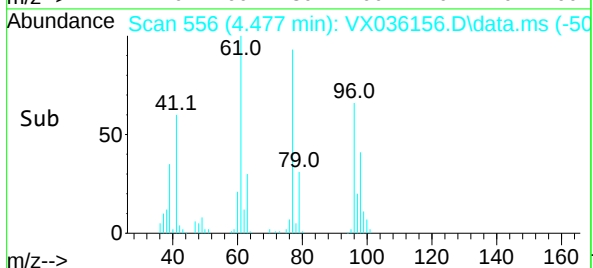
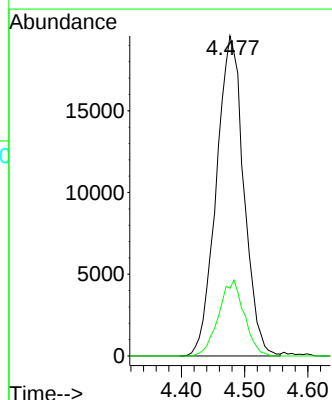
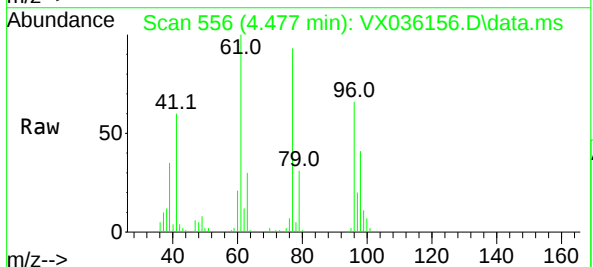
Manual Integrations
APPROVED

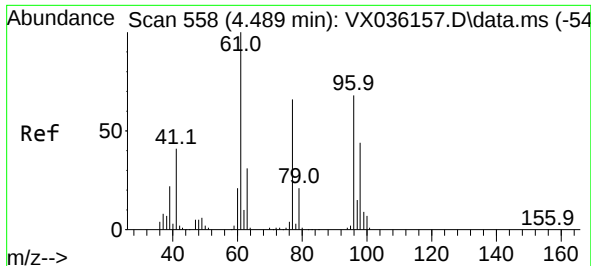
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#26
2,2-Dichloropropane
Concen: 17.419 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

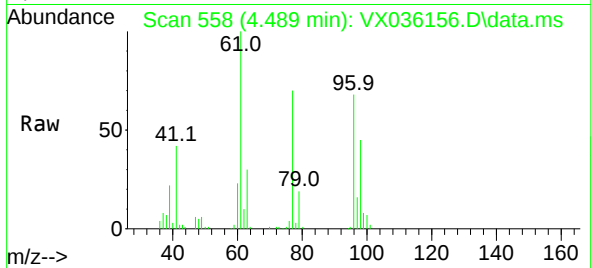
Tgt Ion: 77 Resp: 59040
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.378 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13

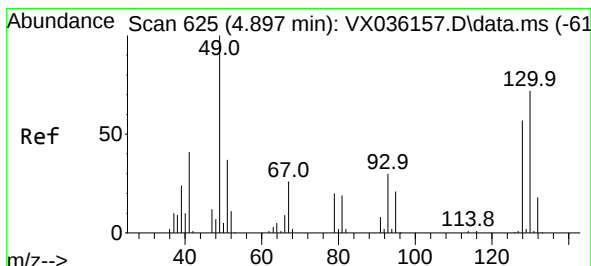
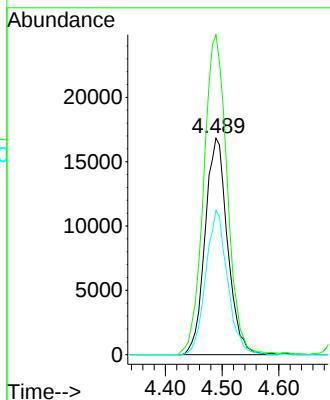
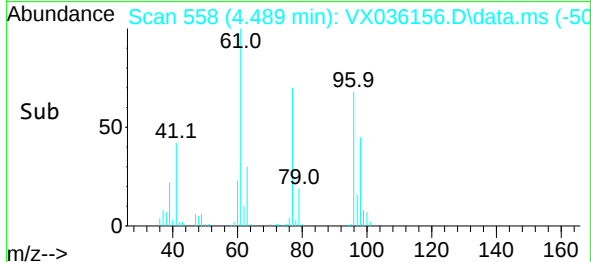
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



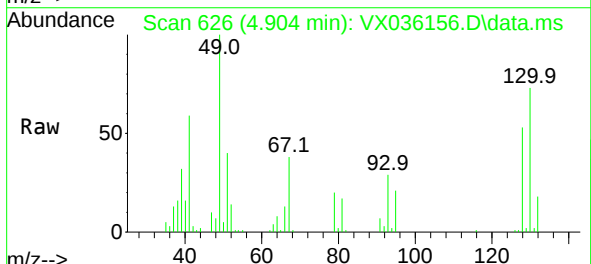
Tgt Ion: 96 Resp: 4637
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 312.2
 98 64.4 0.0 129.0

Manual Integrations
 APPROVED

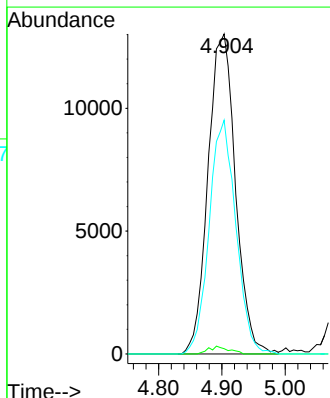
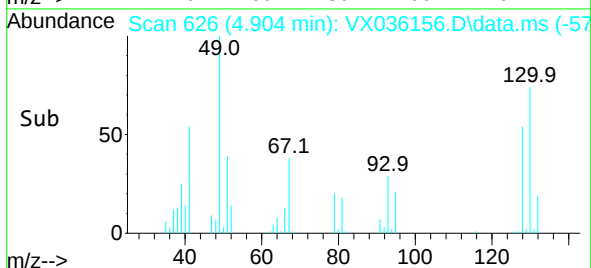
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

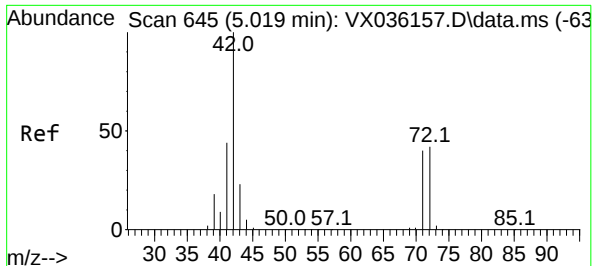


#28
 Bromochloromethane
 Concen: 17.949 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13



Tgt Ion: 49 Resp: 39345
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 71.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.473 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 116962

Ion Ratio Lower Upper

42 100

72 42.8 34.2 51.4

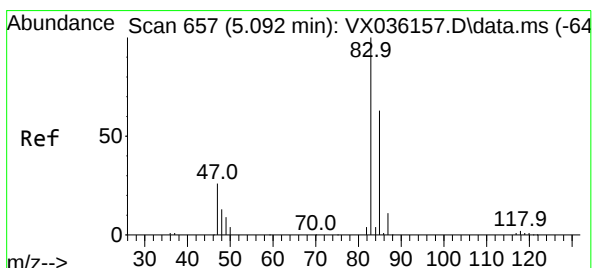
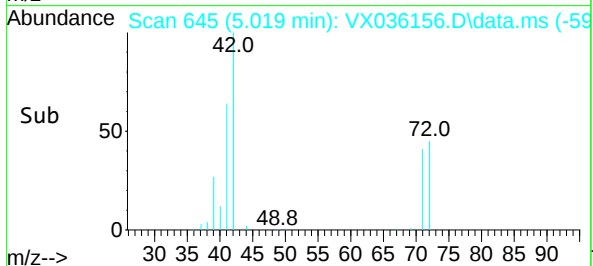
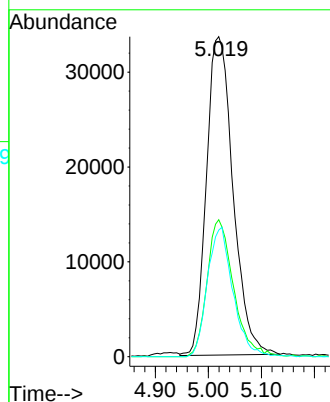
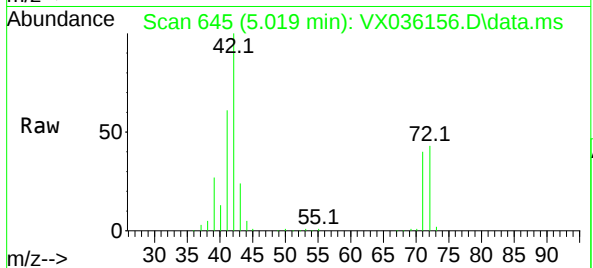
71 39.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#30

Chloroform

Concen: 18.476 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036156.D

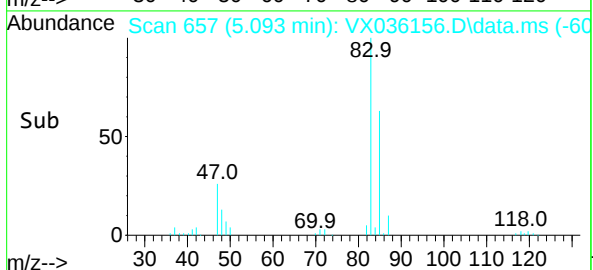
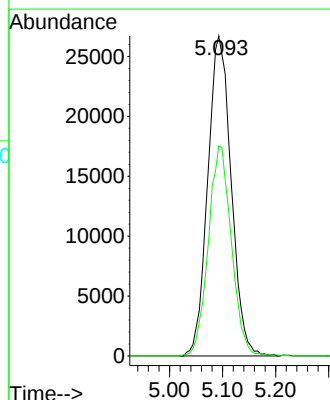
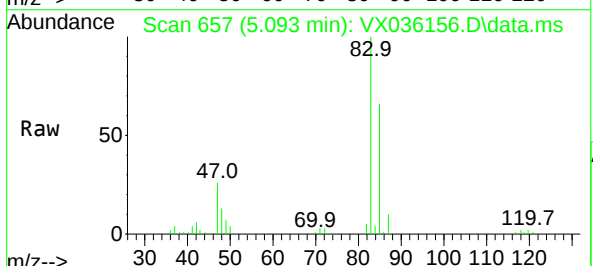
Acq: 14 Jun 2023 15:13

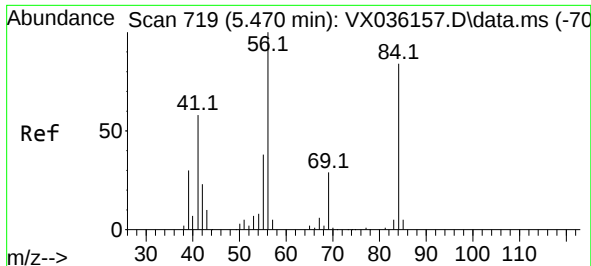
Tgt Ion: 83 Resp: 81935

Ion Ratio Lower Upper

83 100

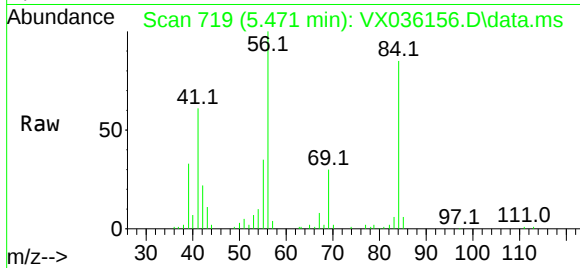
85 65.6 50.3 75.5





#31
Cyclohexane
Concen: 16.737 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

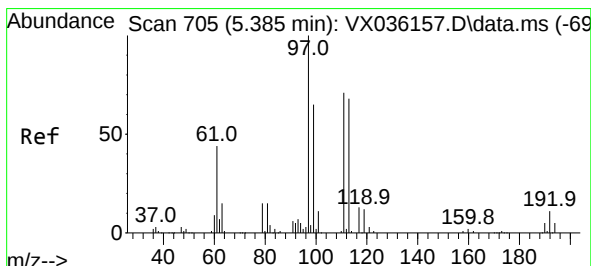
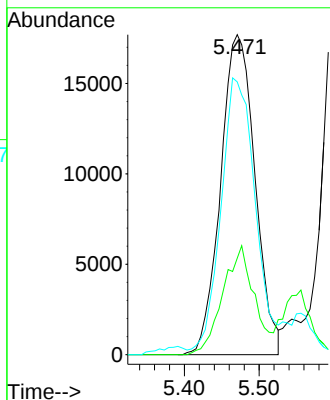
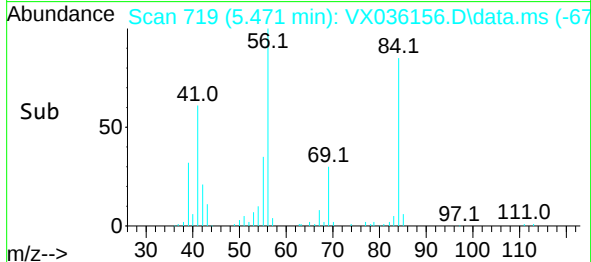
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



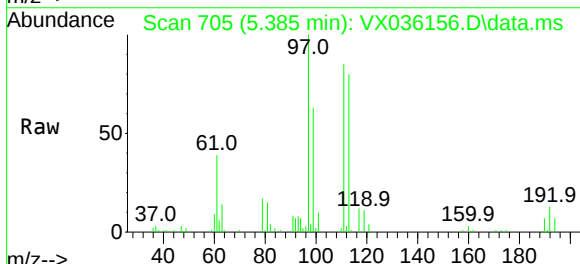
Tgt Ion: 56 Resp: 56650
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 82.7 65.9 98.9

Manual Integrations
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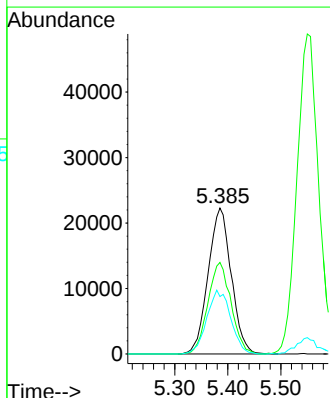
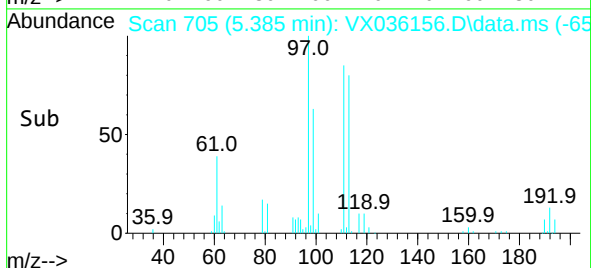
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

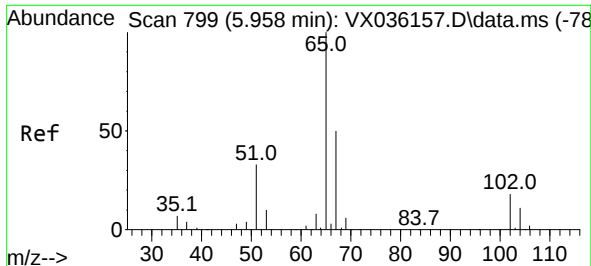


#32
1,1,1-Trichloroethane
Concen: 18.034 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 97 Resp: 67599
Ion Ratio Lower Upper
97 100
99 62.7 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.297 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 74818

Ion Ratio Lower Upper

65 100

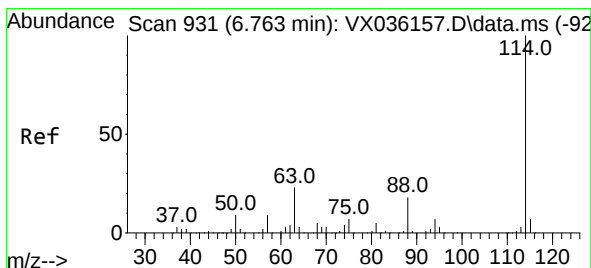
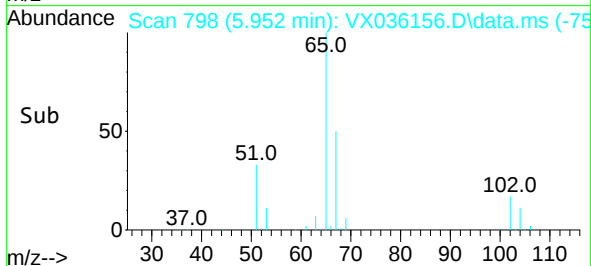
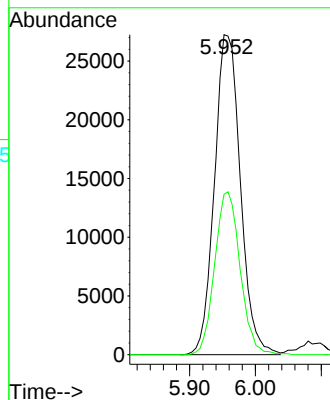
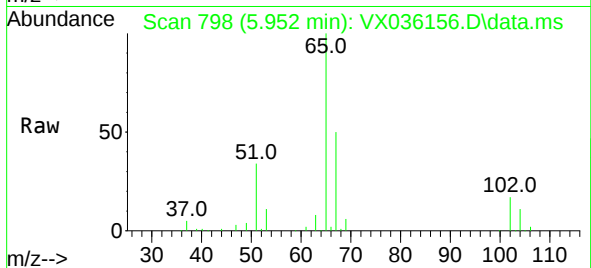
67 49.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

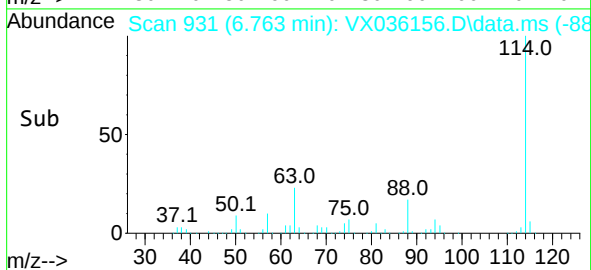
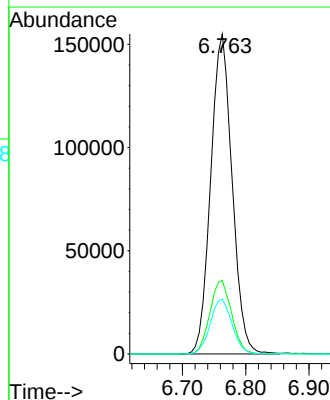
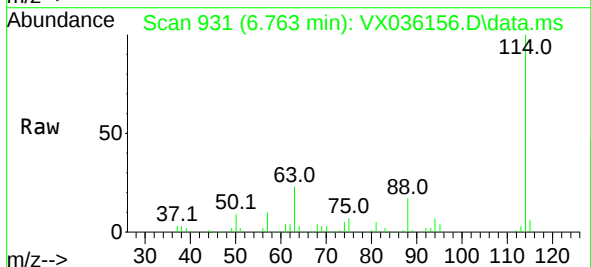
Tgt Ion:114 Resp: 364087

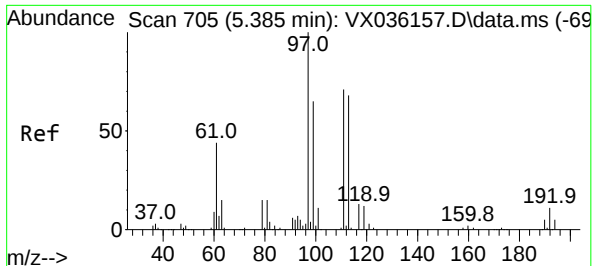
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 19.323 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 5233

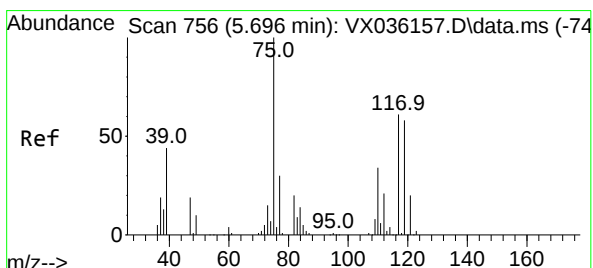
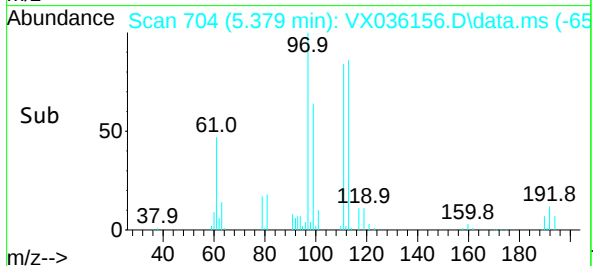
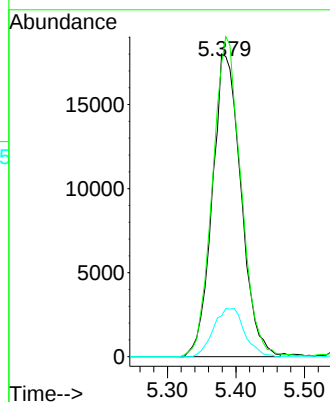
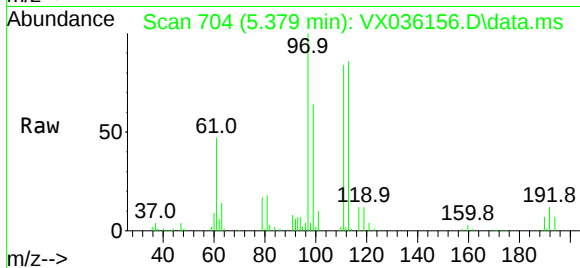
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.9	124.3
192	17.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#36

1,1-Dichloropropene

Concen: 17.440 ug/l

RT: 5.690 min Scan# 755

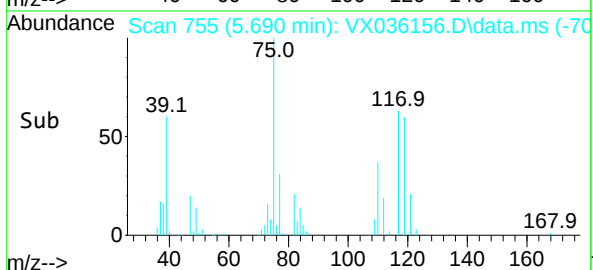
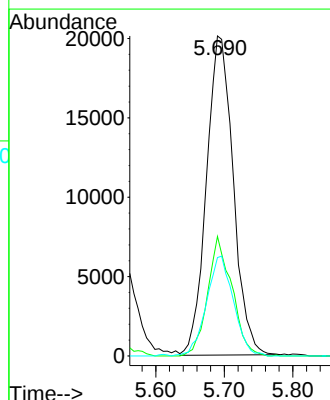
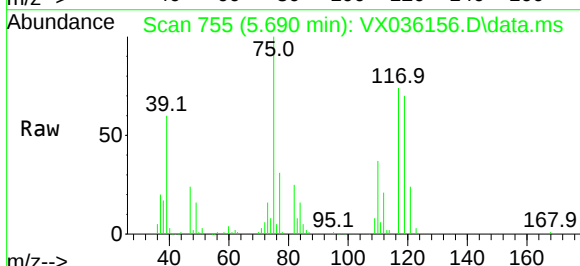
Delta R.T. -0.006 min

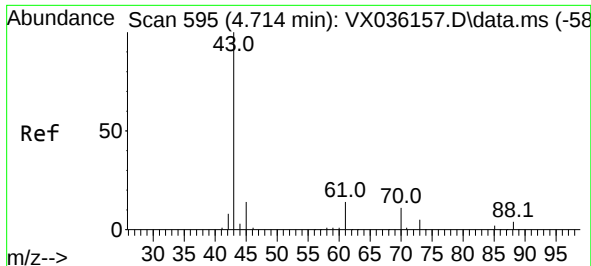
Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Tgt Ion: 75 Resp: 54630

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	50.9
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 18.201 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 7002

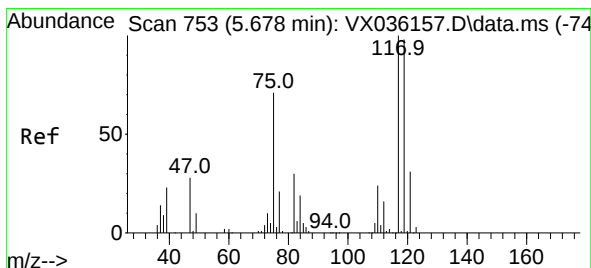
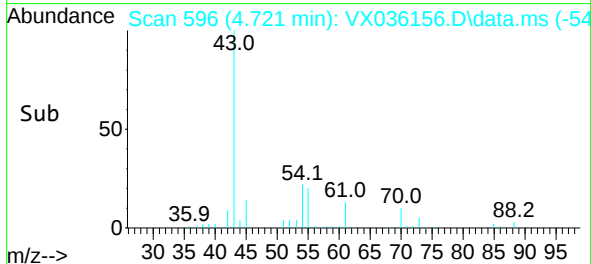
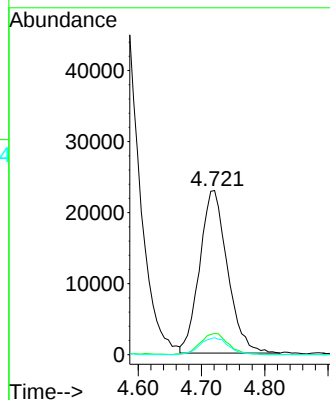
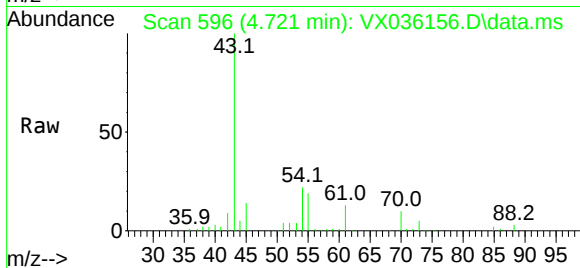
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	16.0
70	10.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#38

Carbon Tetrachloride

Concen: 17.488 ug/l

RT: 5.678 min Scan# 753

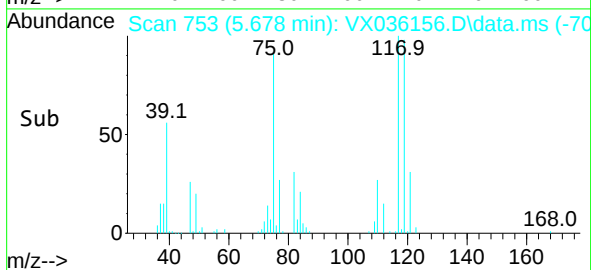
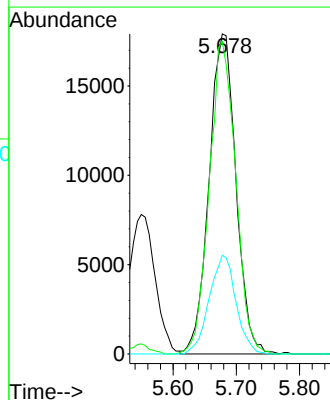
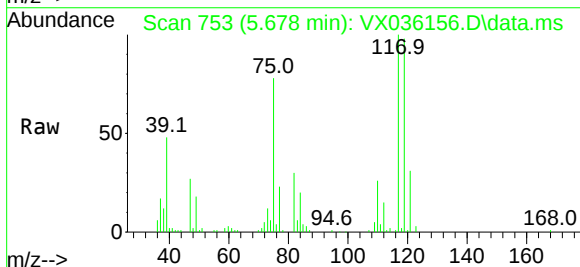
Delta R.T. 0.000 min

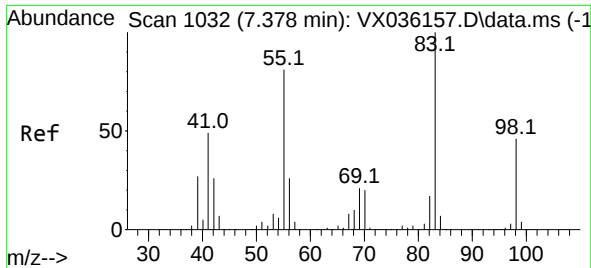
Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Tgt Ion:117 Resp: 52885

Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.2	117.2
121	30.9	24.4	36.6





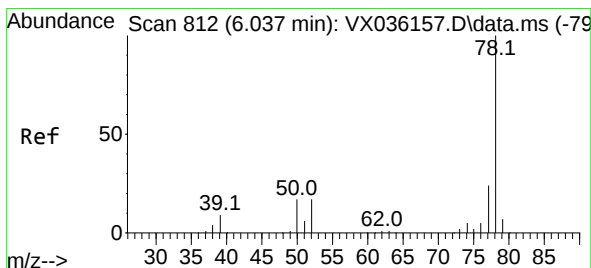
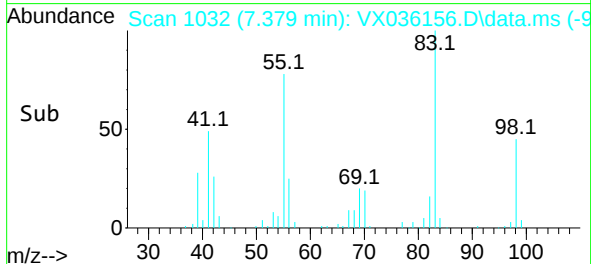
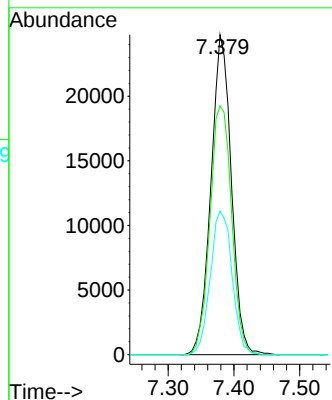
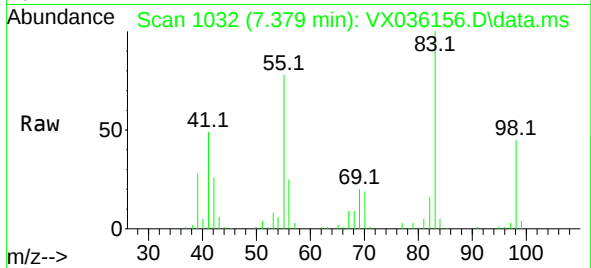
#39
Methylcyclohexane
Concen: 16.063 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5344
Ion Ratio Lower Upper
83 100
55 77.8 64.6 97.0
98 44.9 36.7 55.1

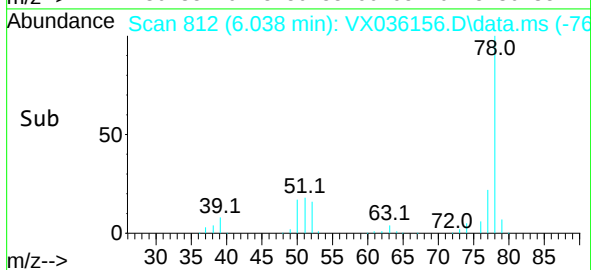
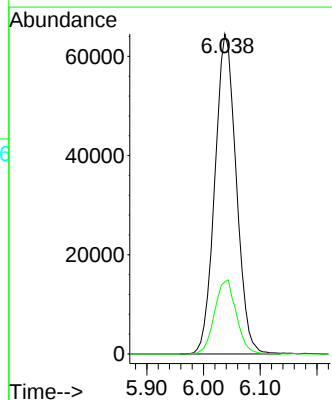
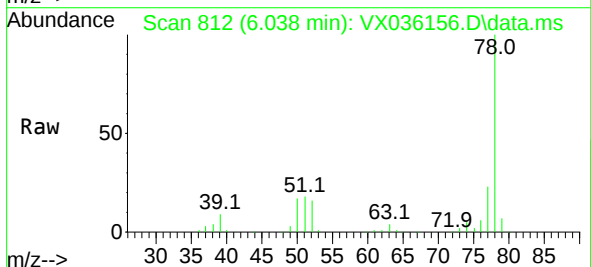
Manual Integrations
APPROVED

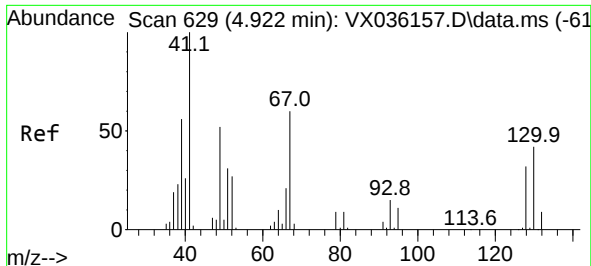
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#40
Benzene
Concen: 18.803 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 78 Resp: 169031
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9





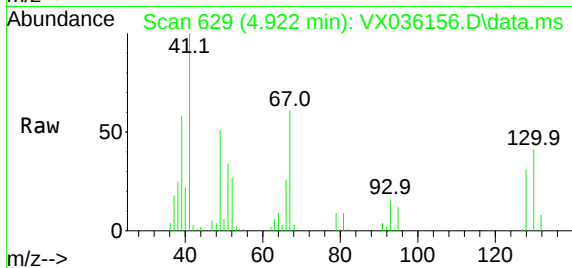
#41
Methacrylonitrile
Concen: 18.734 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



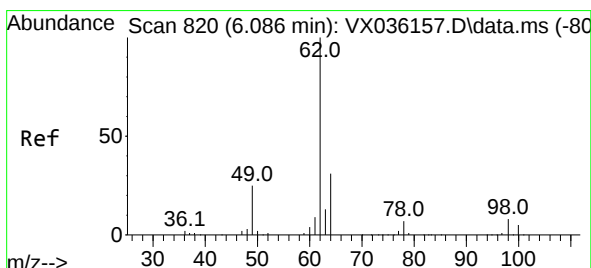
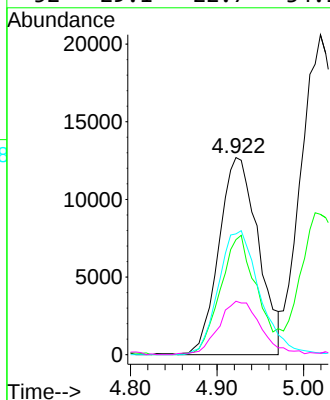
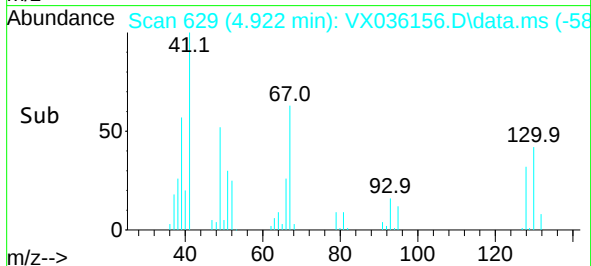
Tgt Ion: 41 Resp: 40188
Ion Ratio Lower Upper
41 100
39 57.8 45.2 67.8
67 65.7 52.6 78.8
52 29.1 22.7 34.1

Manual Integrations

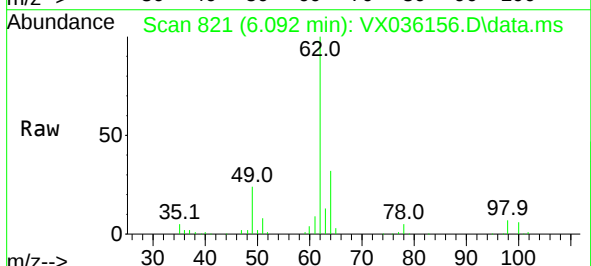
APPROVED

Reviewed By :John Carlone 06/15/2023

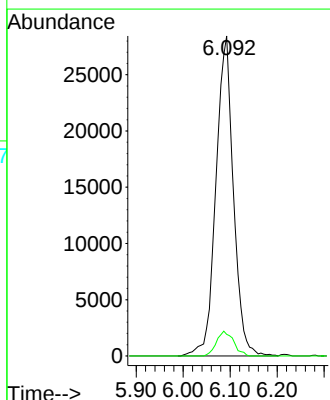
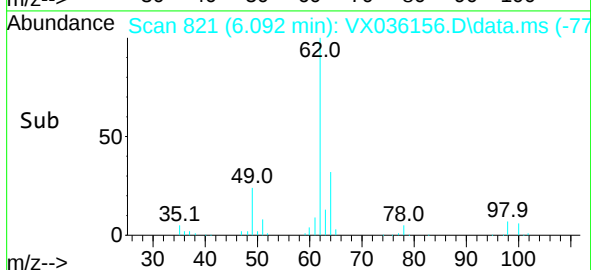
Supervised By :Mahesh Dadoda 06/15/2023

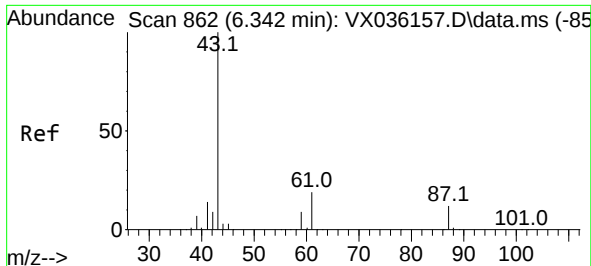


#42
1,2-Dichloroethane
Concen: 19.027 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 62 Resp: 73786
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.464 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036156.D

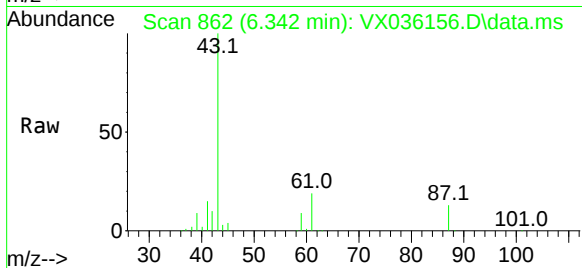
Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



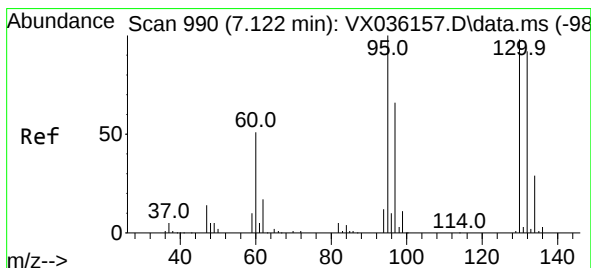
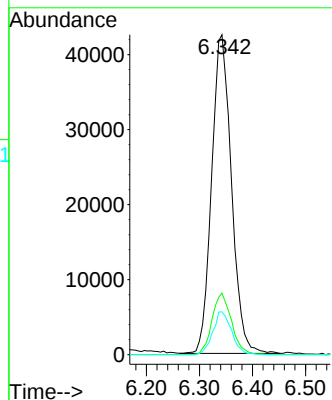
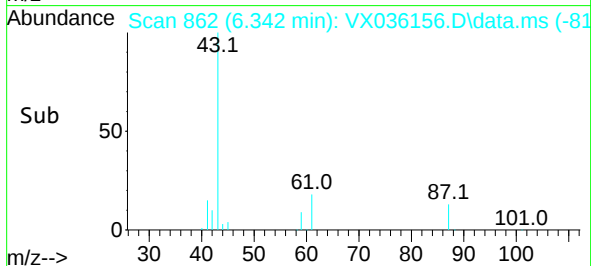
Tgt Ion: 43	Resp: 110164
Ion Ratio	Lower Upper
43	100
61	19.1 15.2 22.8
87	12.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#44

Trichloroethene

Concen: 18.158 ug/l

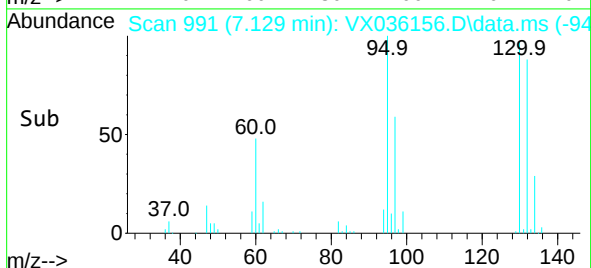
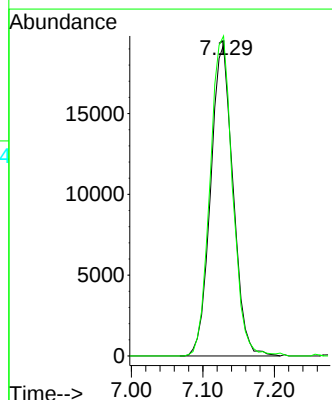
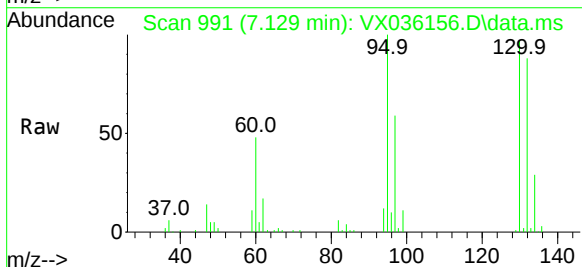
RT: 7.129 min Scan# 991

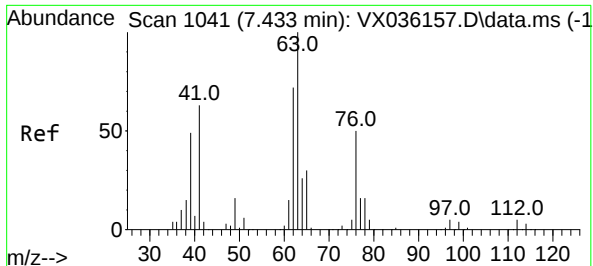
Delta R.T. 0.006 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Tgt Ion:130	Resp: 41879
Ion Ratio	Lower Upper
130	100
95	102.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.942 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4457

Ion Ratio Lower Upper

63 100

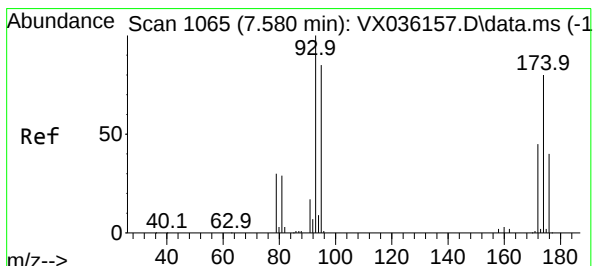
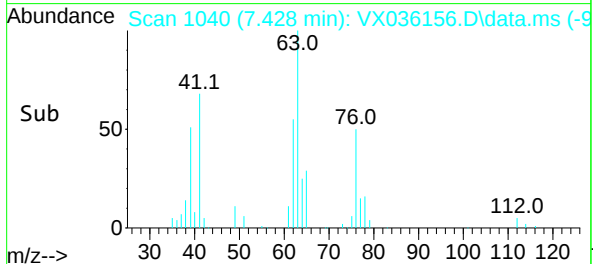
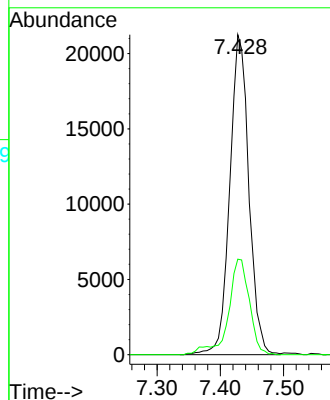
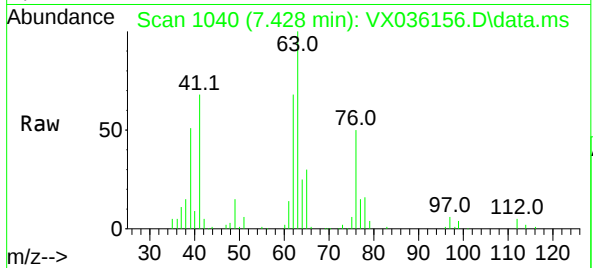
65 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#46

Dibromomethane

Concen: 18.398 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

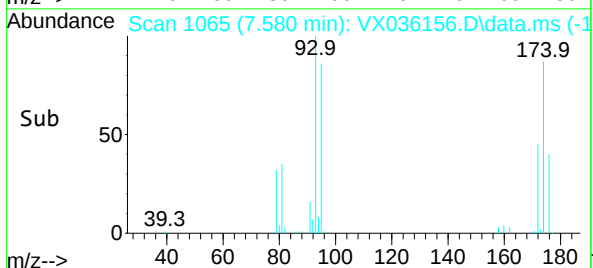
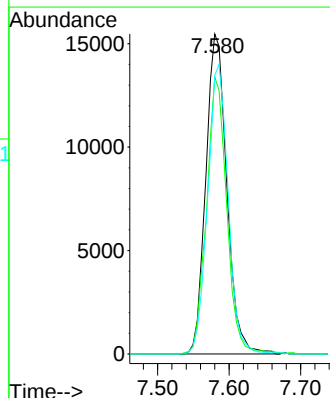
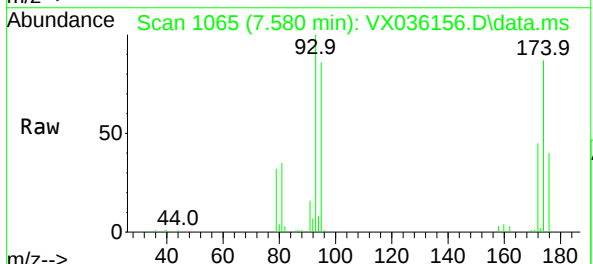
Tgt Ion: 93 Resp: 31617

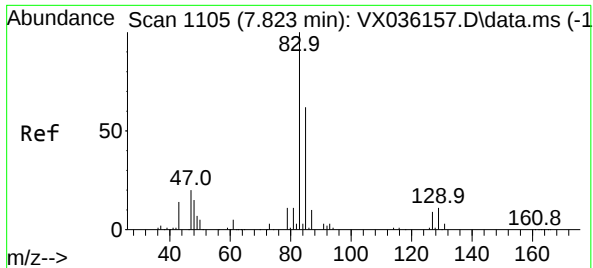
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 88.4 69.4 104.0





#47
Bromodichloromethane
Concen: 18.320 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

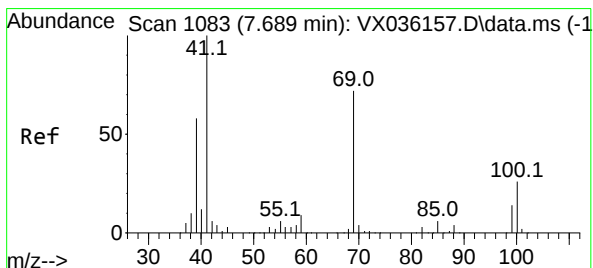
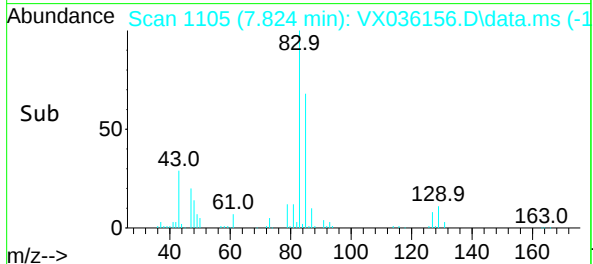
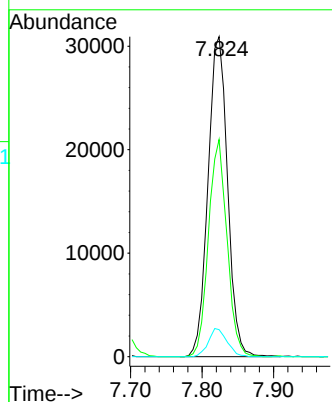
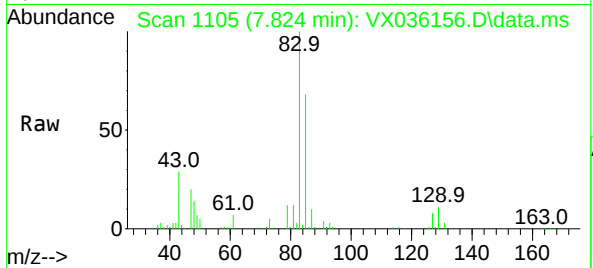
VSTDICC020

Tgt Ion: 83 Resp: 58715
Ion Ratio Lower Upper
83 100
85 67.8 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations

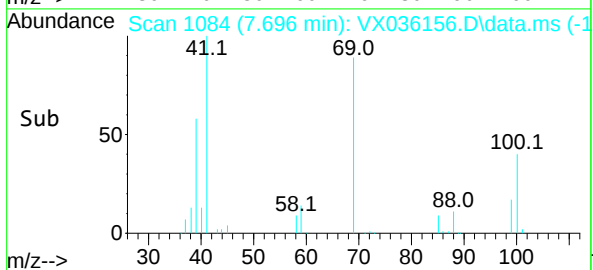
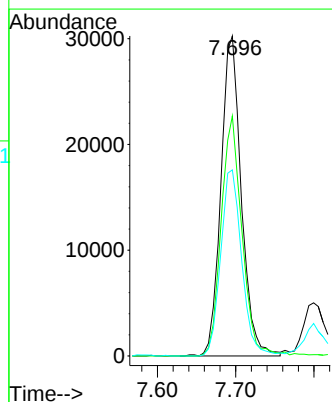
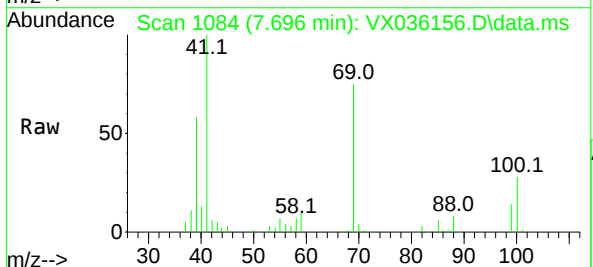
APPROVED

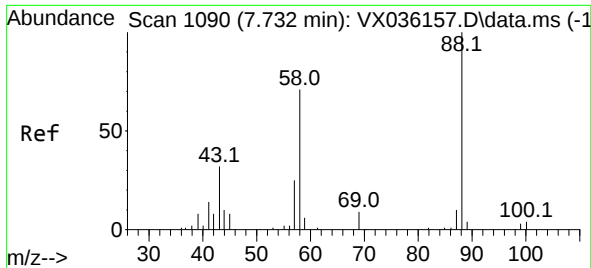
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#48
Methyl methacrylate
Concen: 18.428 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

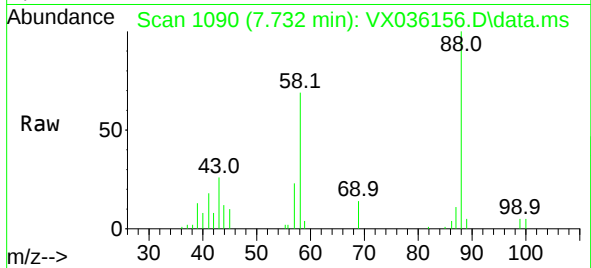
Tgt Ion: 41 Resp: 54737
Ion Ratio Lower Upper
41 100
69 76.8 59.2 88.8
39 59.8 47.7 71.5





#49
1,4-Dioxane
Concen: 397.189 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

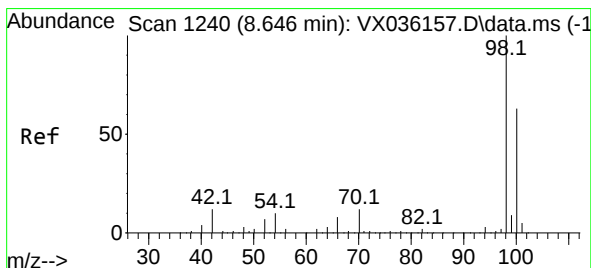
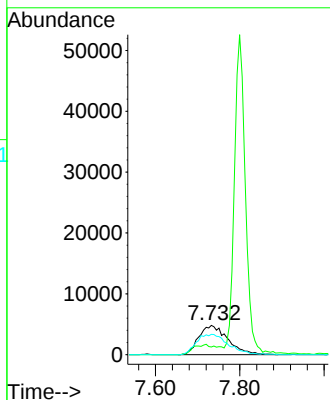
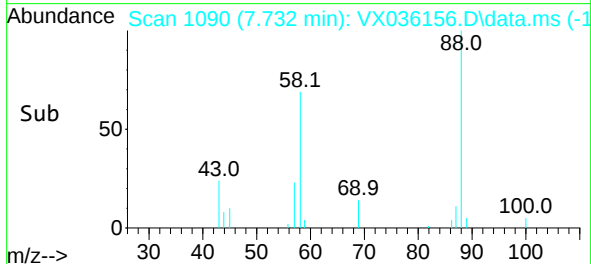
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



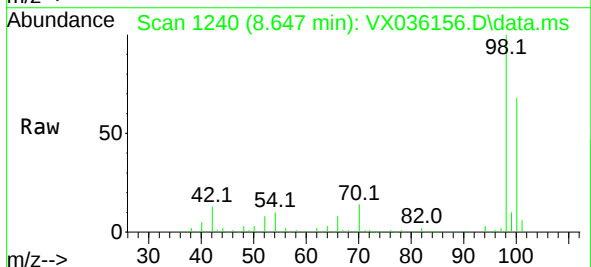
Tgt Ion: 88 Resp: 2308
Ion Ratio Lower Upper
88 100
43 20.4 0.0 0.0
58 75.5 60.1 90.1

Manual Integrations
APPROVED

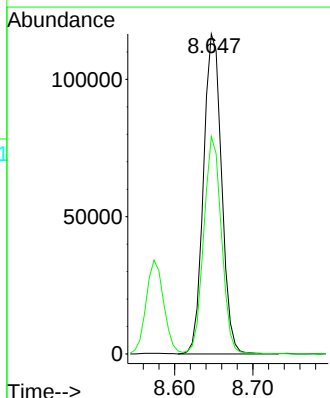
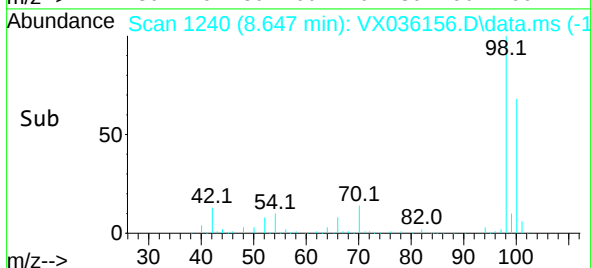
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

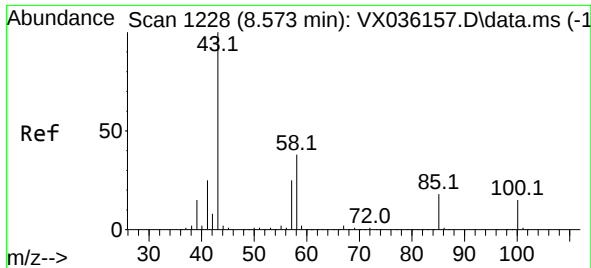


#50
Toluene-d8
Concen: 19.136 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 98 Resp: 186859
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





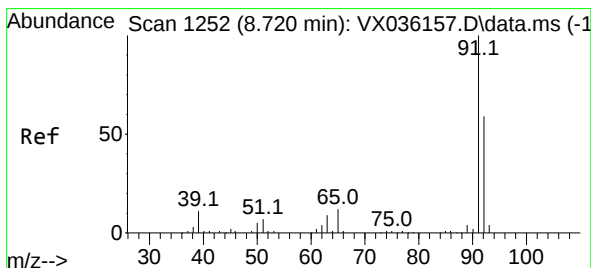
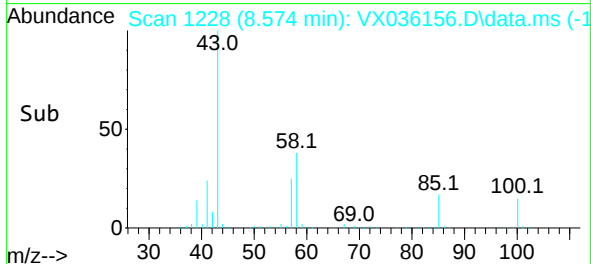
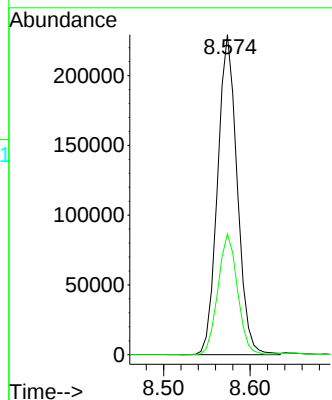
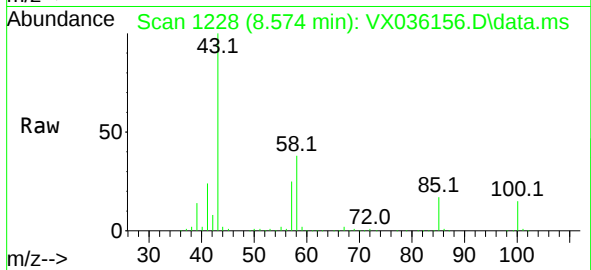
#51
4-Methyl-2-Pentanone
Concen: 100.186 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 36036
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

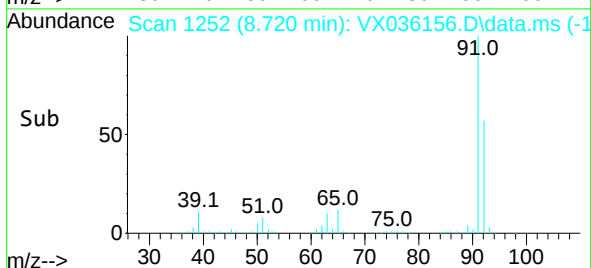
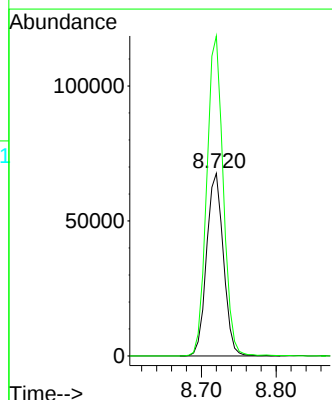
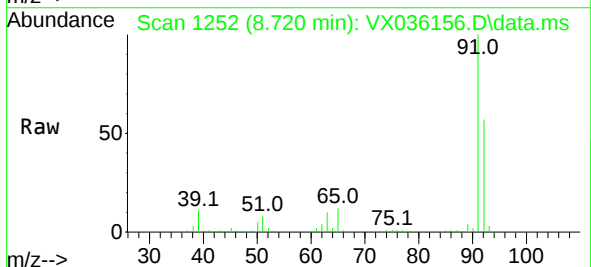
Manual Integrations
APPROVED

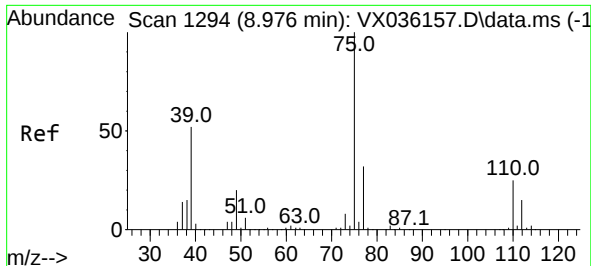
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#52
Toluene
Concen: 18.662 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

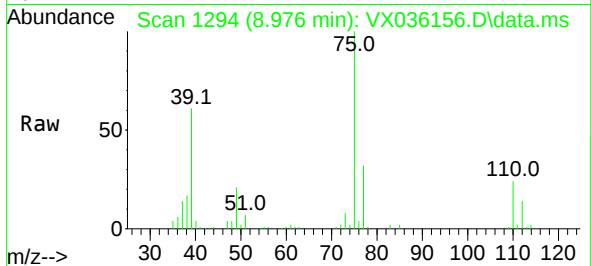
Tgt Ion: 92 Resp: 105488
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 18.046 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13

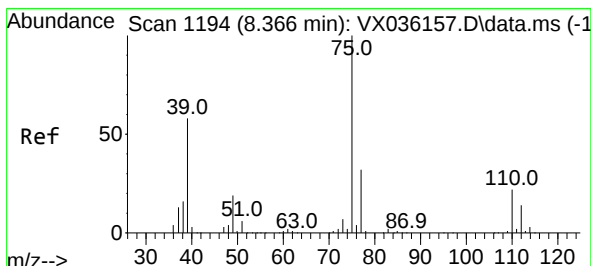
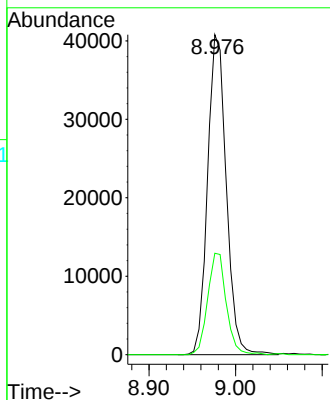
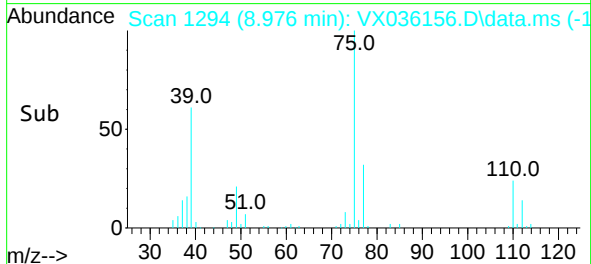
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



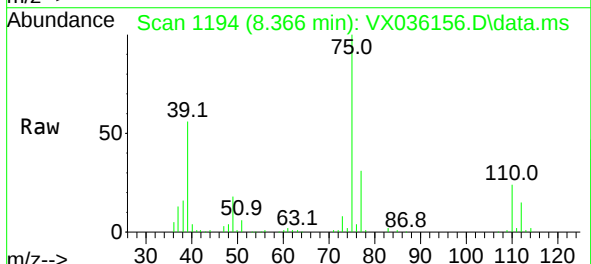
Tgt Ion: 75 Resp: 61149
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5

Manual Integrations
 APPROVED

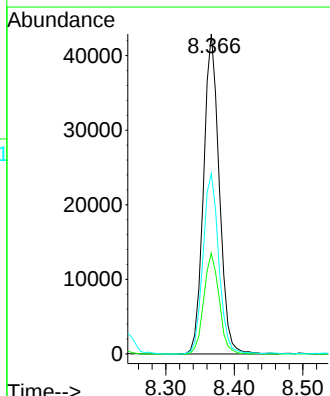
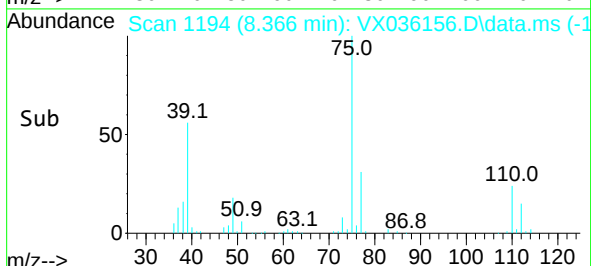
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

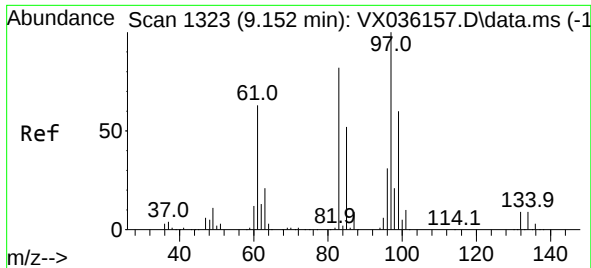


#54
 cis-1,3-Dichloropropene
 Concen: 18.609 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13



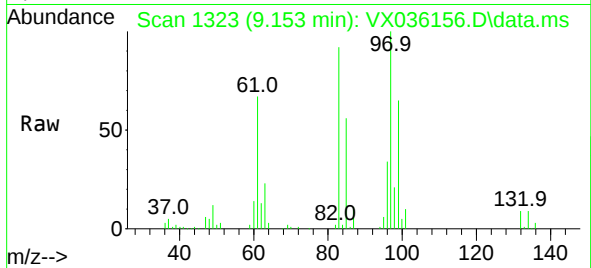
Tgt Ion: 75 Resp: 68449
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 56.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.470 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

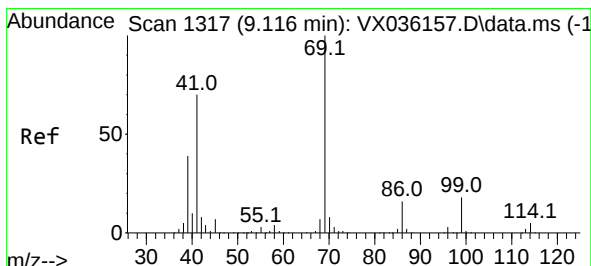
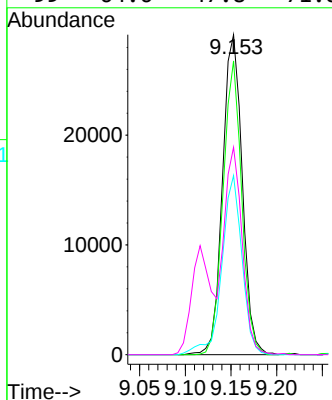
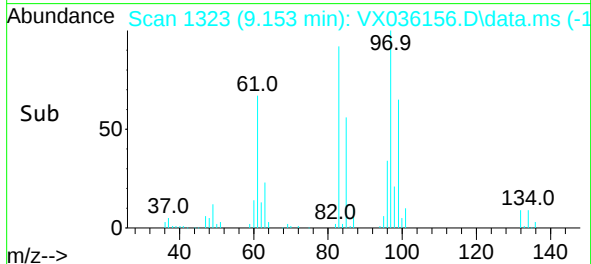
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



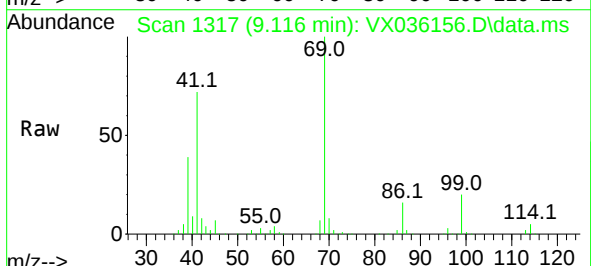
Tgt Ion: 97 Resp: 43810
Ion Ratio Lower Upper
97 100
83 91.8 65.8 98.8
85 55.9 41.6 62.4
99 64.6 47.8 71.8

Manual Integrations
APPROVED

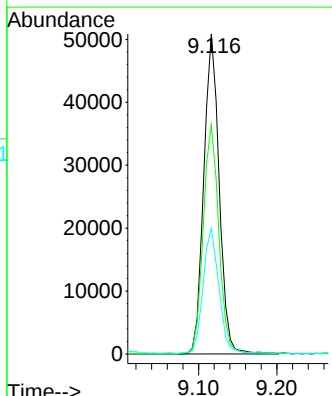
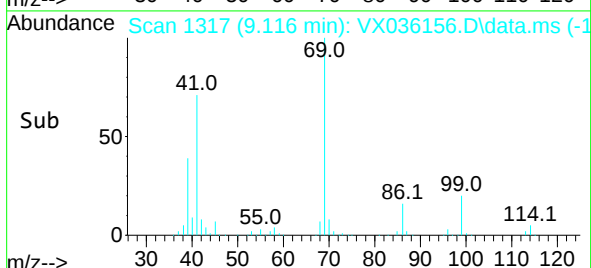
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

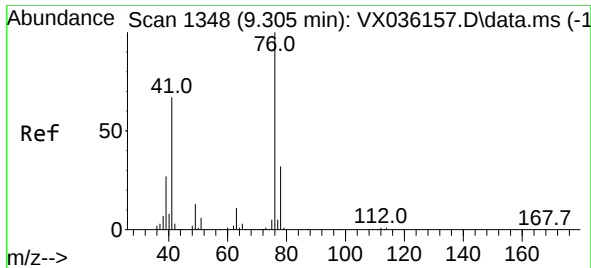


#56
Ethyl methacrylate
Concen: 18.942 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 69 Resp: 69440
Ion Ratio Lower Upper
69 100
41 73.0 56.8 85.2
39 39.8 32.0 48.0





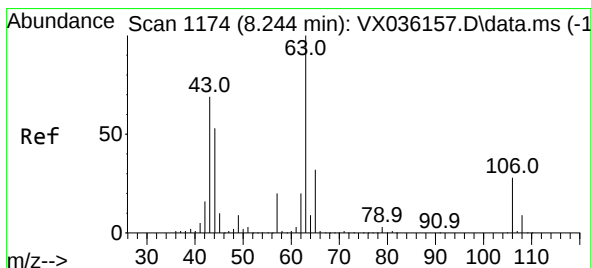
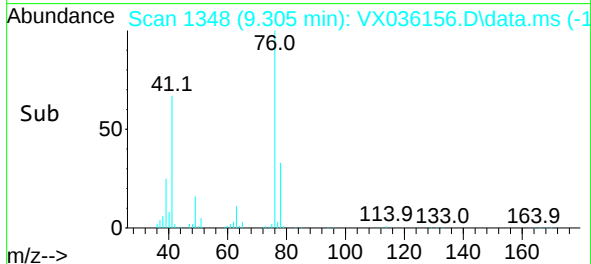
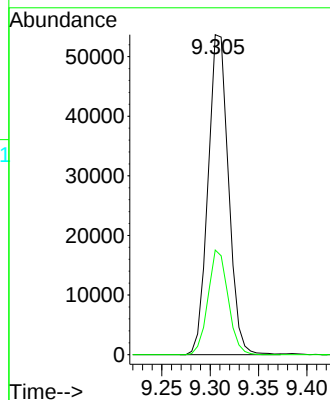
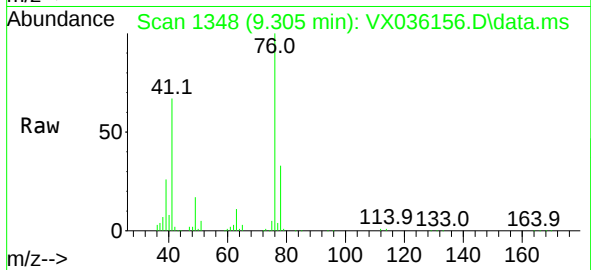
#57
1,3-Dichloropropane
Concen: 19.317 ug/l
RT: 9.305 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 7913
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

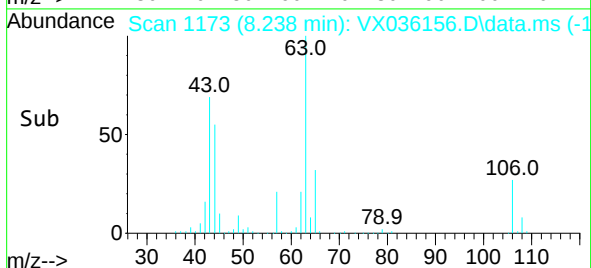
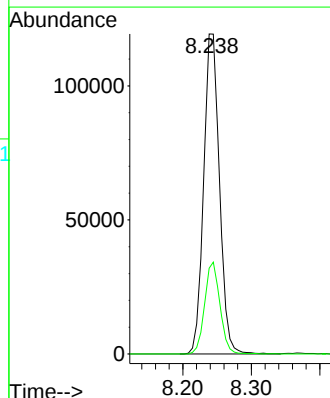
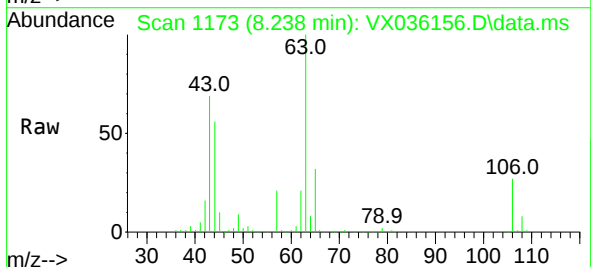
Manual Integrations
APPROVED

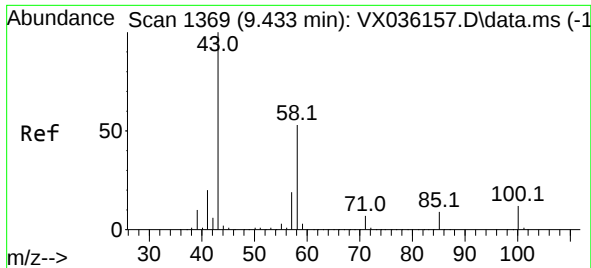
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.211 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 63 Resp: 192024
Ion Ratio Lower Upper
63 100
106 27.7 22.5 33.7





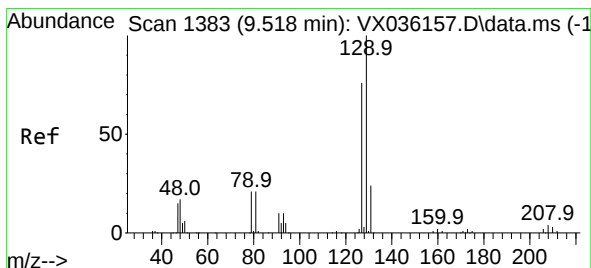
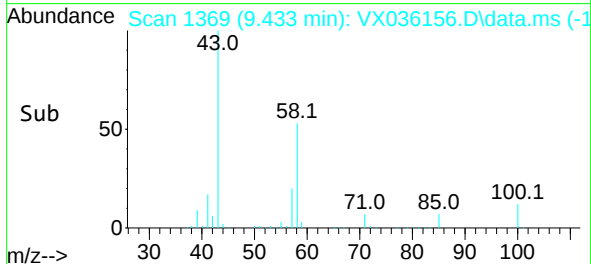
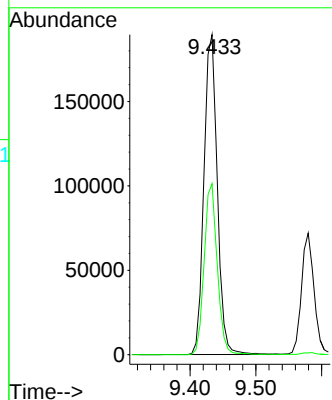
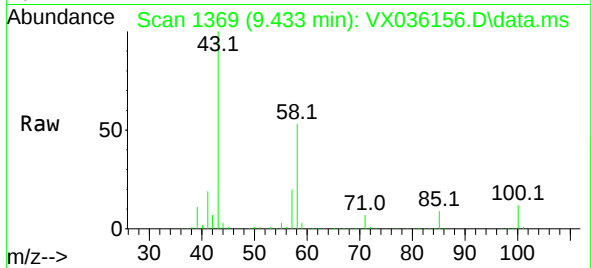
#59
2-Hexanone
Concen: 100.365 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 267808
Ion Ratio Lower Upper
43 100
58 52.5 26.2 78.5

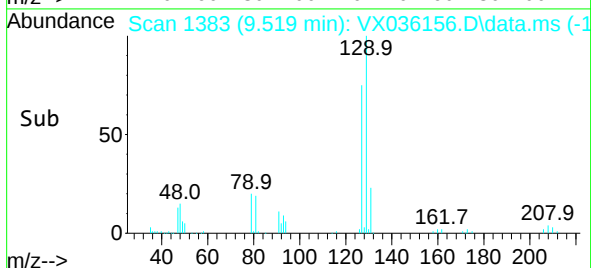
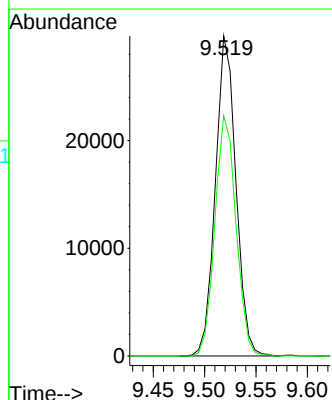
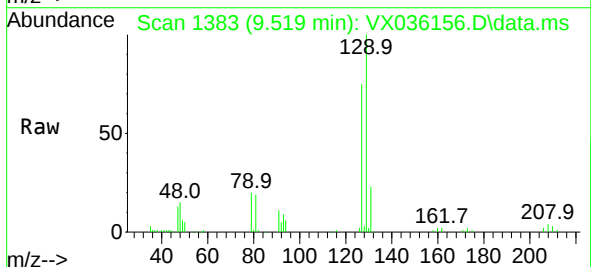
Manual Integrations
APPROVED

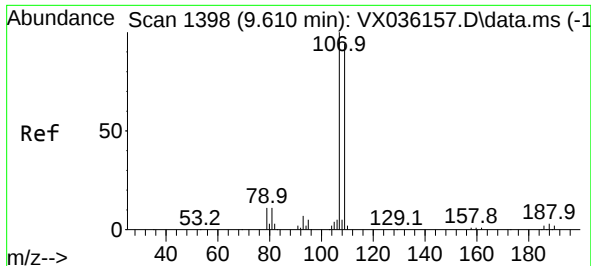
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#60
Dibromochloromethane
Concen: 18.249 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

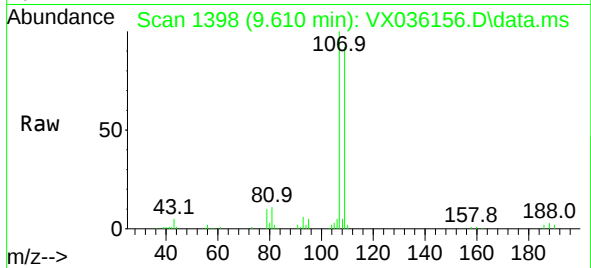
Tgt Ion:129 Resp: 41200
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.109 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

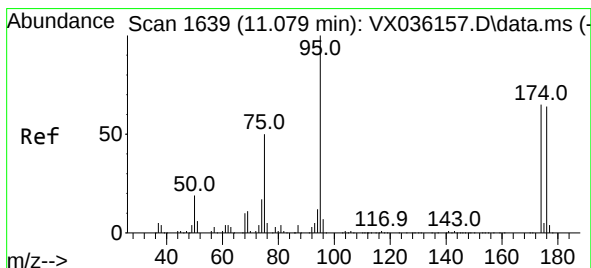
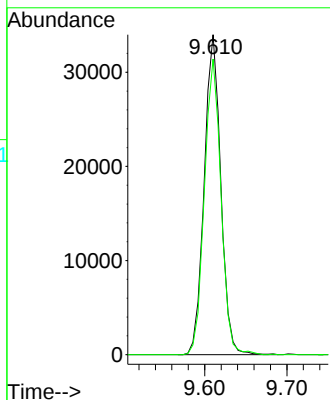
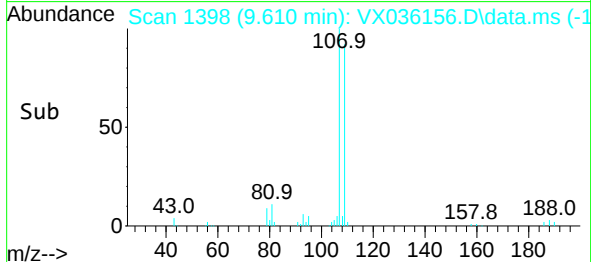
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



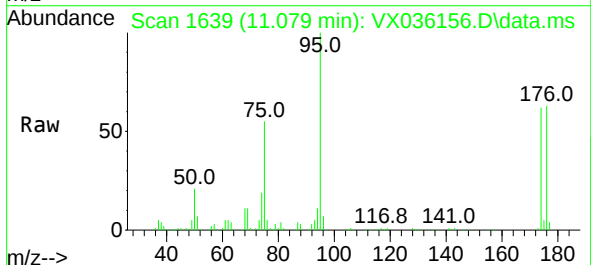
Tgt Ion:107 Resp: 4753
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8

Manual Integrations
APPROVED

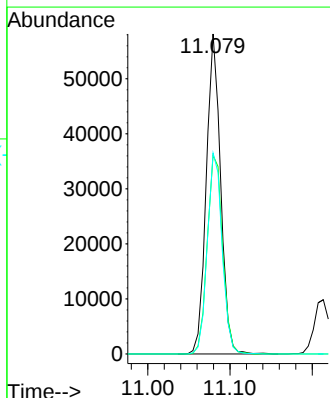
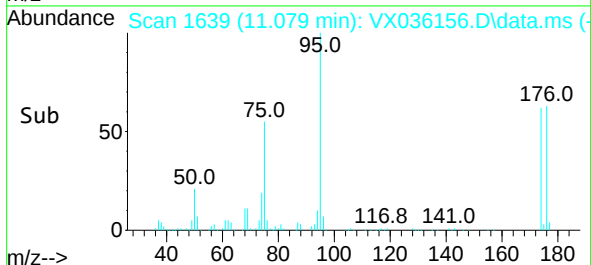
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

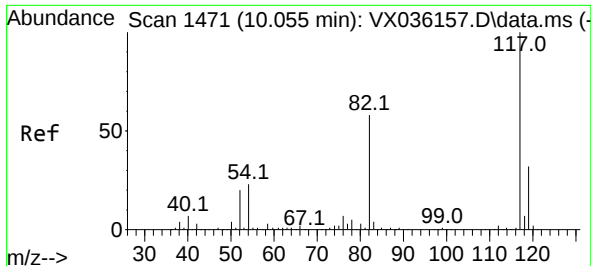


#62
4-Bromofluorobenzene
Concen: 19.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



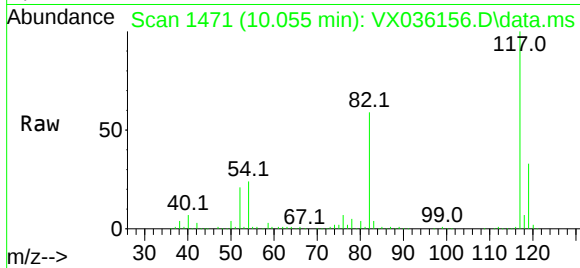
Tgt Ion: 95 Resp: 70304
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

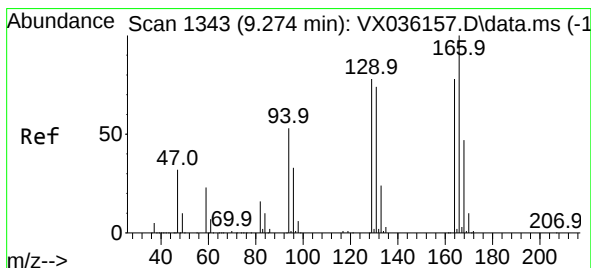
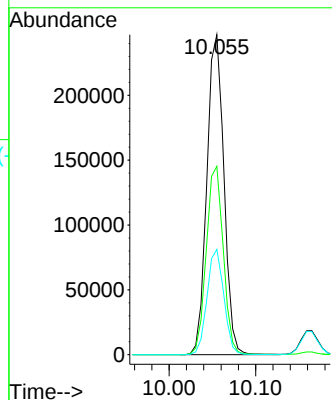
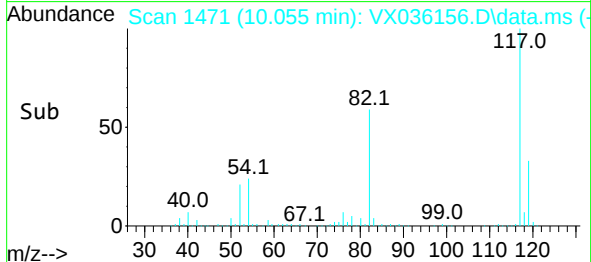
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



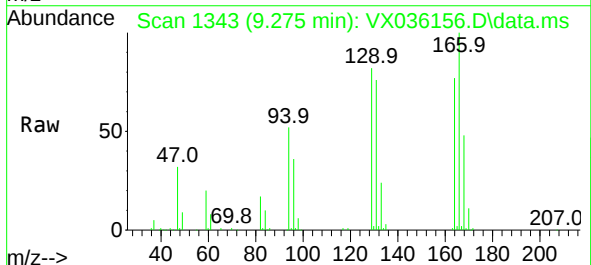
Tgt Ion:117 Resp: 33771
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.9 25.5 38.3

Manual Integrations
APPROVED

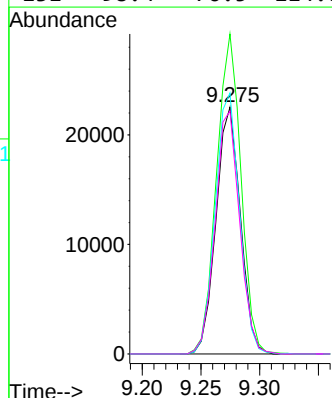
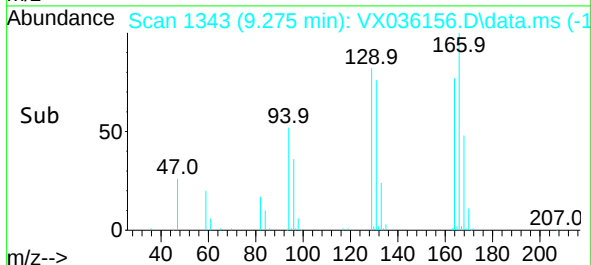
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

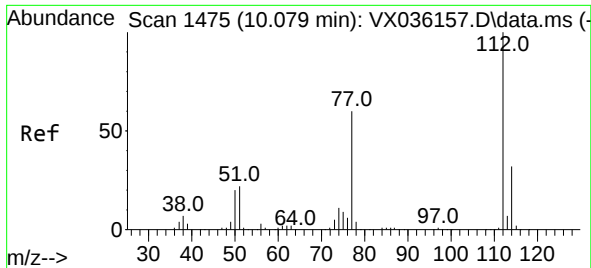


#64
Tetrachloroethene
Concen: 17.545 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion:164 Resp: 32462
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 105.8 80.4 120.6
131 98.4 76.5 114.7





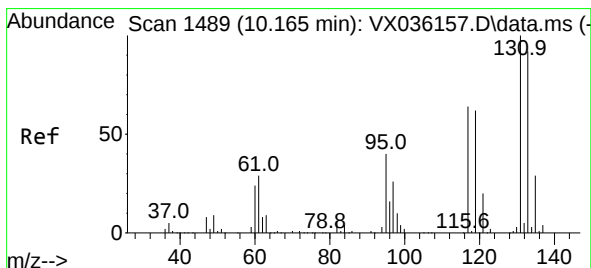
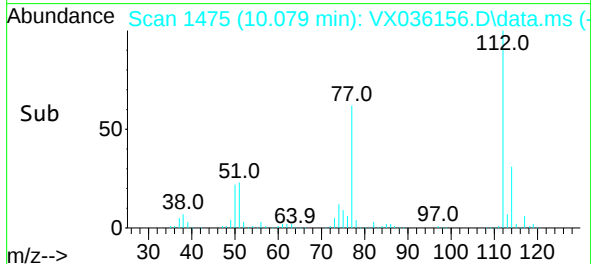
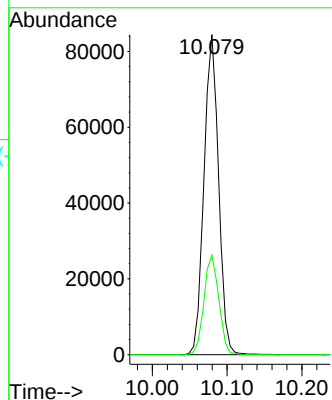
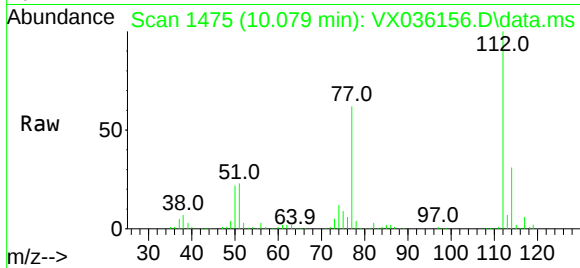
#65
Chlorobenzene
Concen: 18.574 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 114462
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

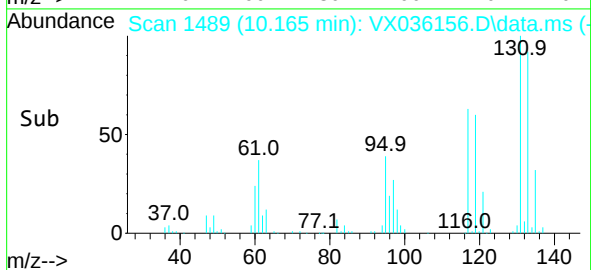
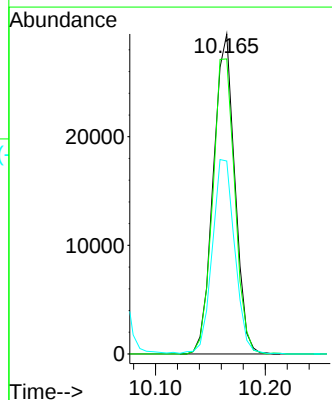
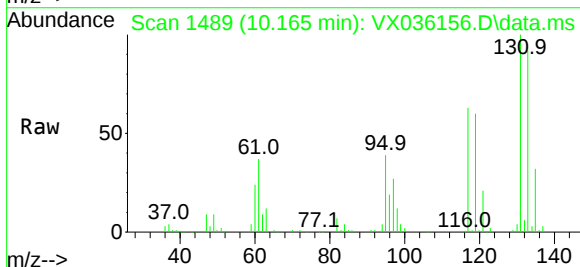
Manual Integrations
APPROVED

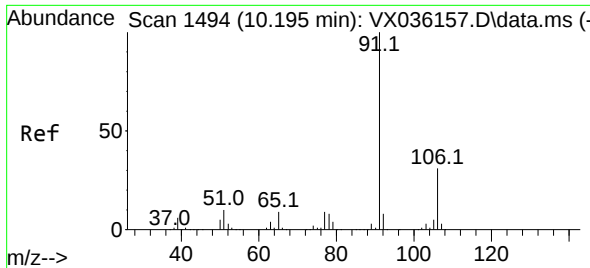
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.513 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion:131 Resp: 40137
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 63.5 32.2 96.6





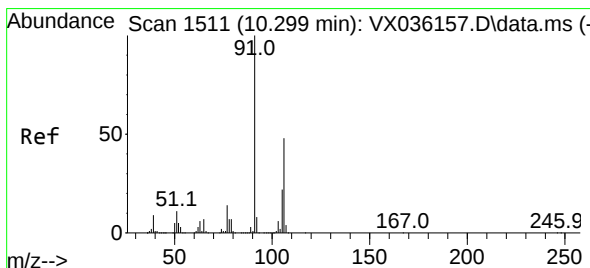
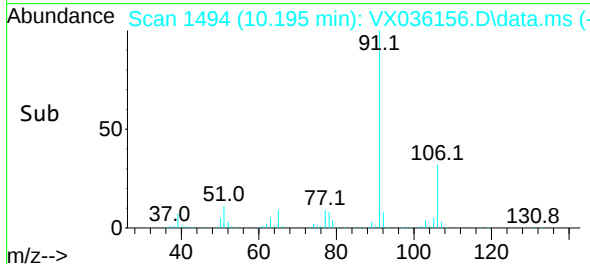
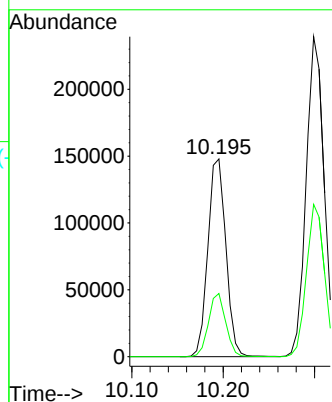
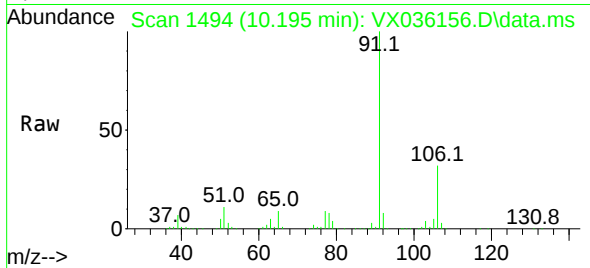
#67
Ethyl Benzene
Concen: 18.554 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 201964
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

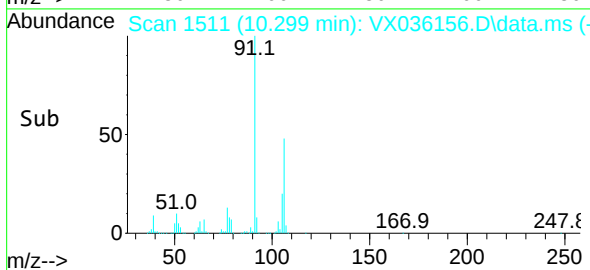
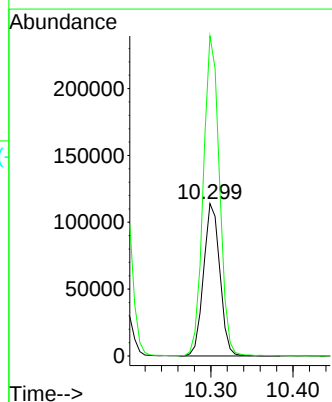
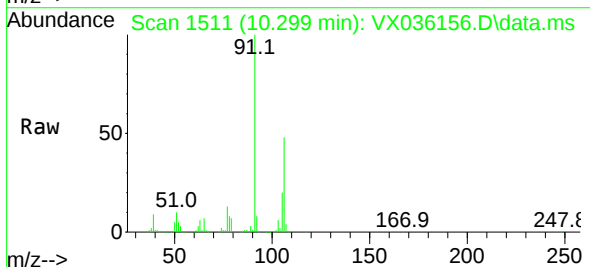
Manual Integrations
APPROVED

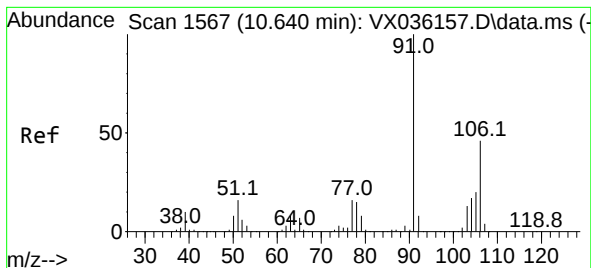
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#68
m/p-Xylenes
Concen: 37.683 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

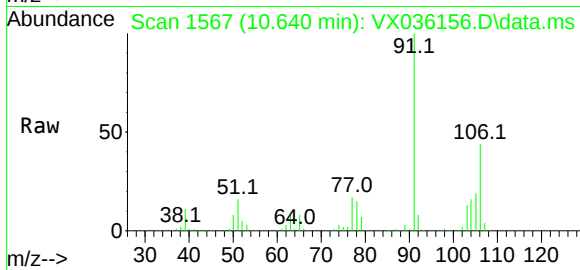
Tgt Ion:106 Resp: 156439
Ion Ratio Lower Upper
106 100
91 208.3 165.5 248.3





#69
o-Xylene
Concen: 18.784 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

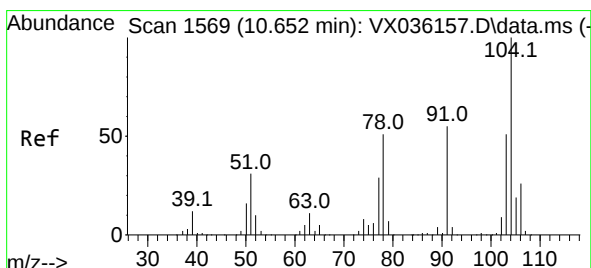
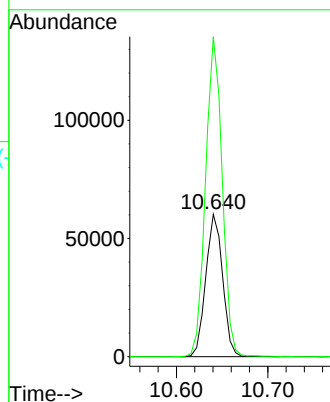
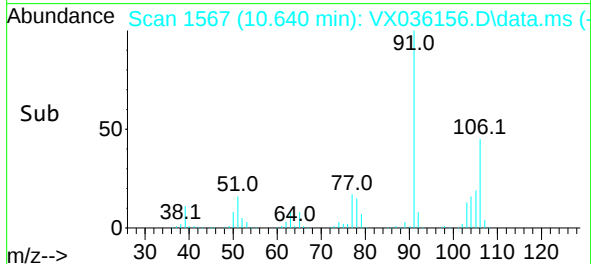
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 76972
Ion Ratio Lower Upper
106 100
91 222.2 108.9 326.8

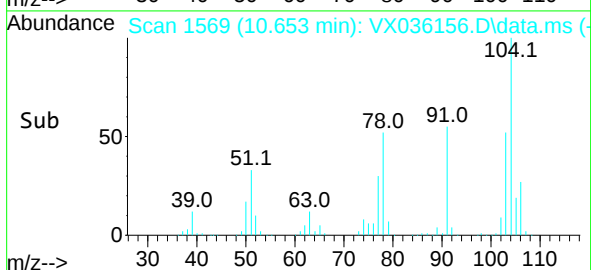
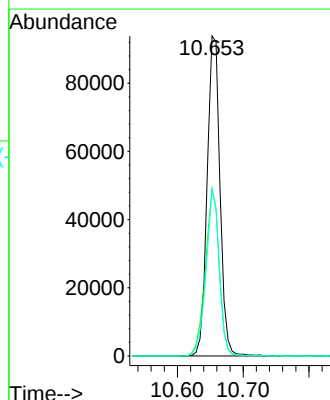
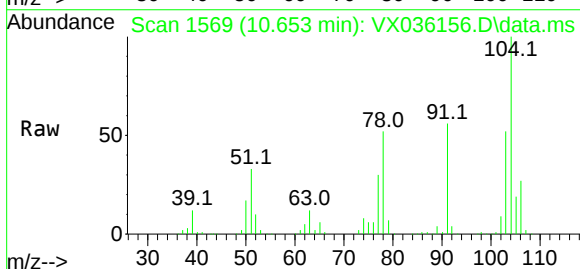
Manual Integrations
APPROVED

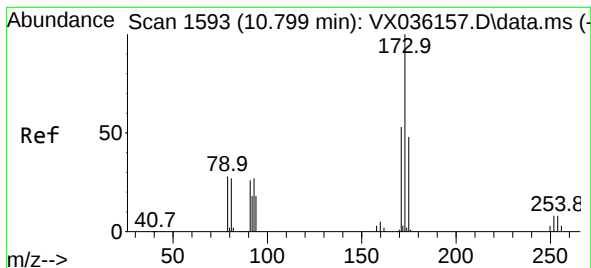
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#70
Styrene
Concen: 18.987 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

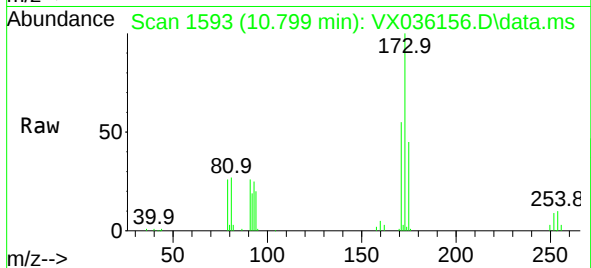
Tgt Ion:104 Resp: 127670
Ion Ratio Lower Upper
104 100
78 55.8 43.6 65.4
103 53.7 43.6 65.4





#71
Bromoform
Concen: 16.397 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

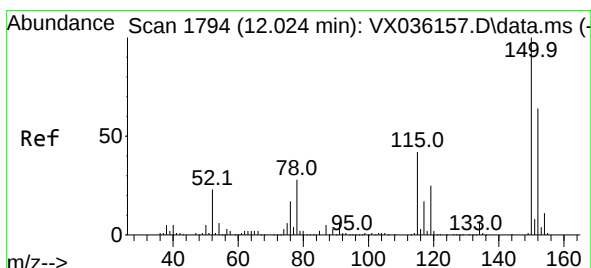
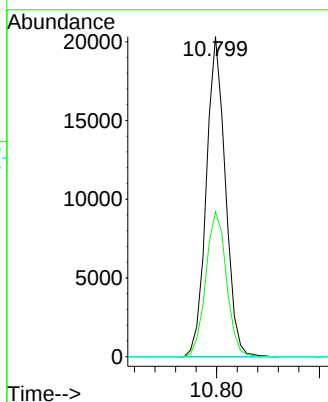
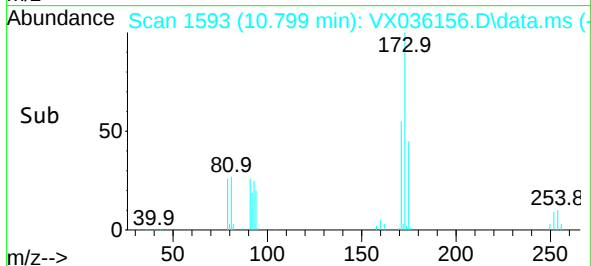
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



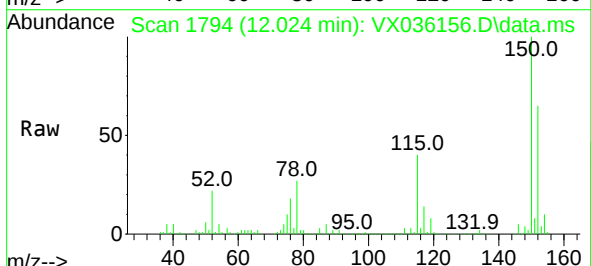
Tgt Ion:173 Resp: 26120
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

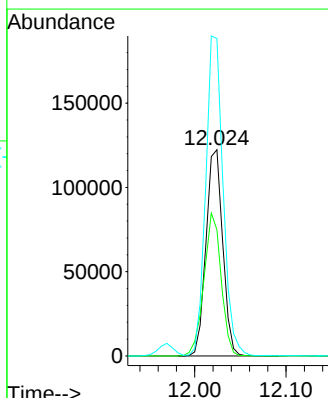
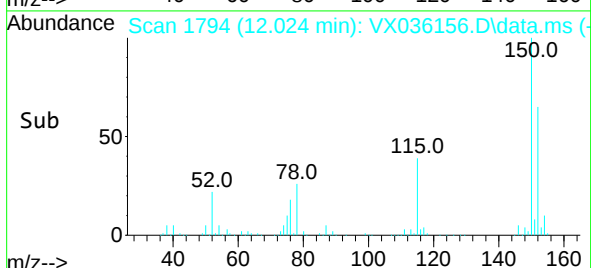
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

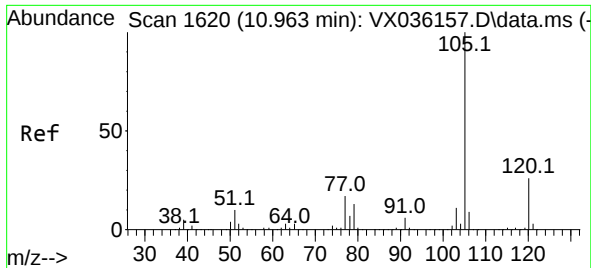


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



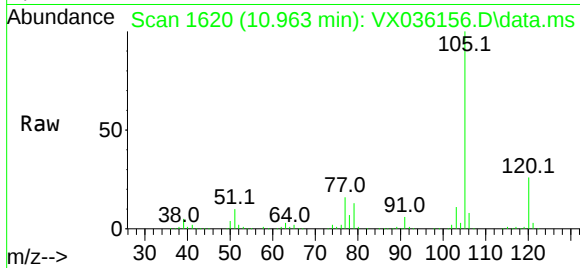
Tgt Ion:152 Resp: 155180
Ion Ratio Lower Upper
152 100
115 71.2 43.3 129.9
150 161.1 0.0 345.0





#73
Isopropylbenzene
Concen: 18.020 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

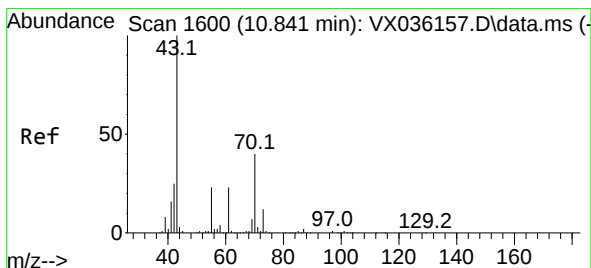
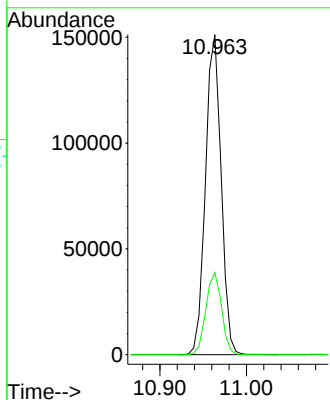
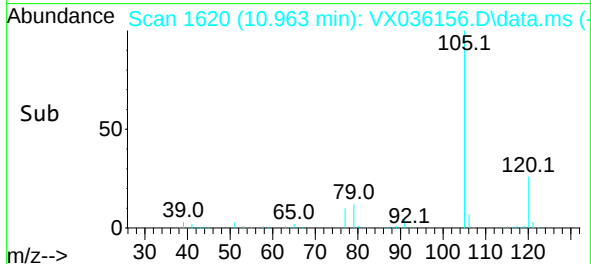
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



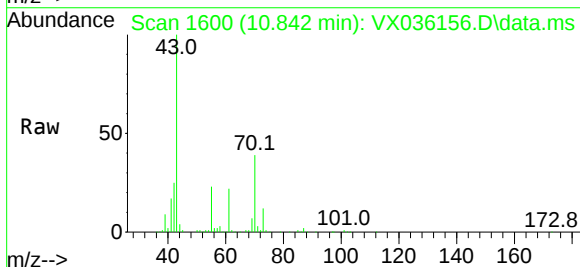
Tgt Ion:105 Resp: 19000
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
APPROVED

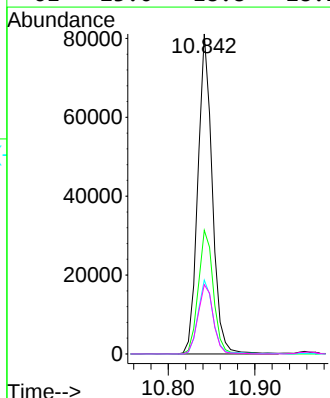
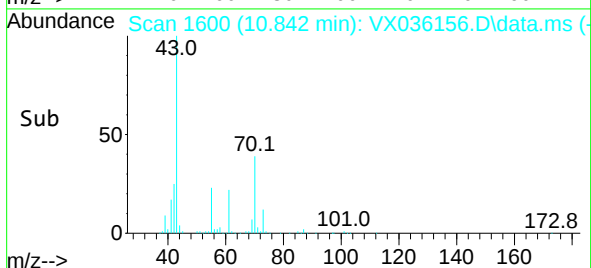
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

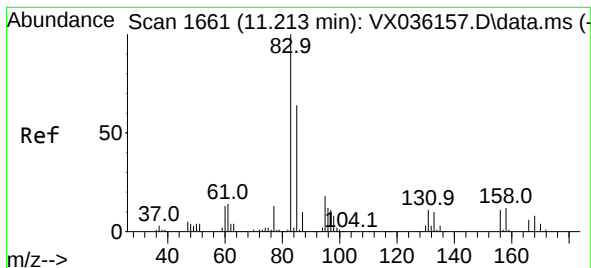


#74
N-ethyl acetate
Concen: 19.519 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13



Tgt Ion: 43 Resp: 93615
Ion Ratio Lower Upper
43 100
70 40.2 32.9 49.3
55 24.0 19.3 28.9
61 23.0 18.8 28.2





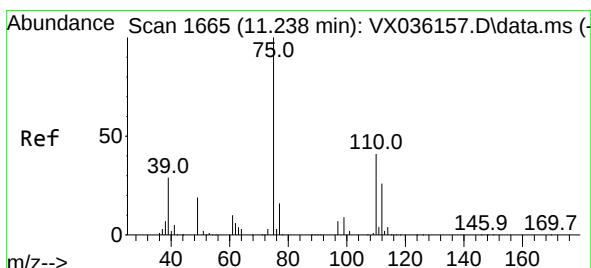
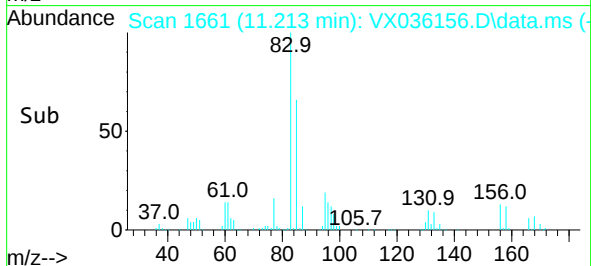
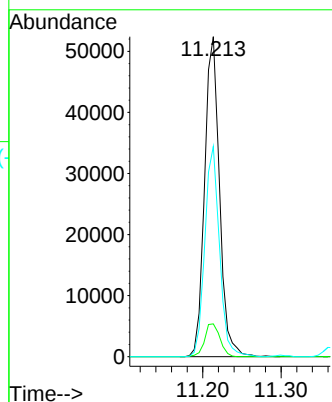
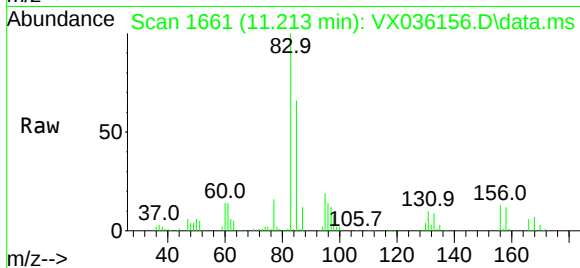
#75
1,1,2,2-Tetrachloroethane
Concen: 19.194 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 6914
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 64.8 32.0 96.2

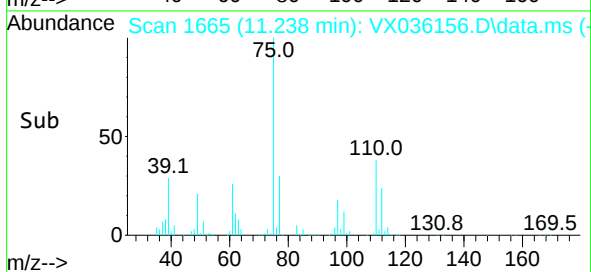
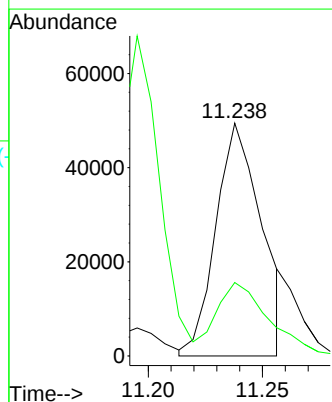
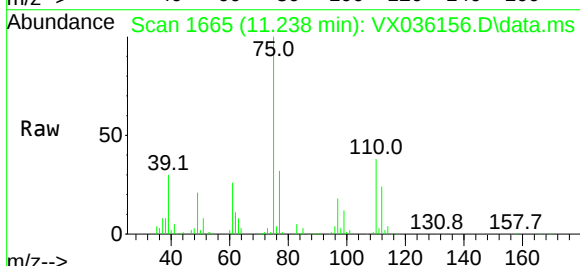
Manual Integrations
APPROVED

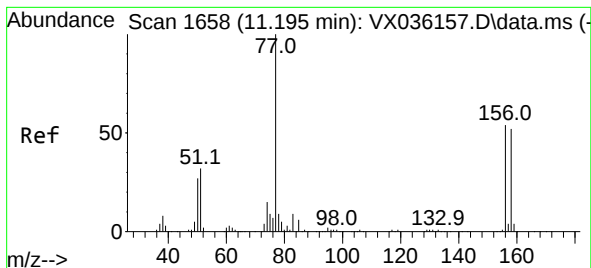
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#76
1,2,3-Trichloropropane
Concen: 19.782 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 75 Resp: 68652
Ion Ratio Lower Upper
75 100
77 36.6 19.1 57.5





#77

Bromobenzene

Concen: 18.464 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

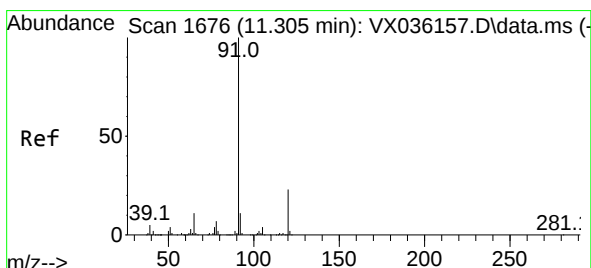
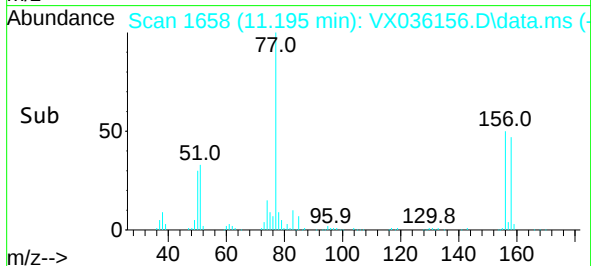
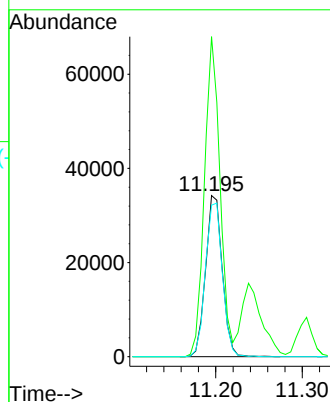
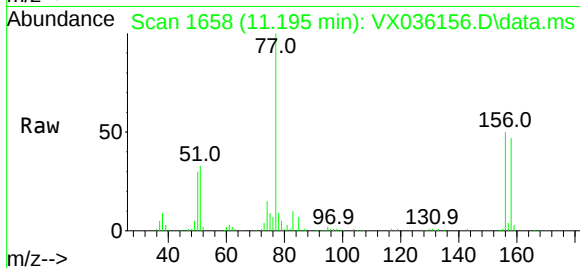
Tgt Ion:	156	Resp:	45692
Ion Ratio	Lower	Upper	
156	100		
77	185.3	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#78

n-propylbenzene

Concen: 18.120 ug/l

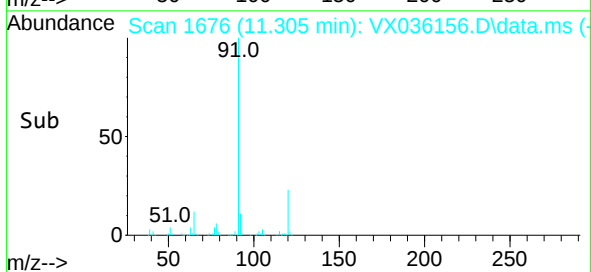
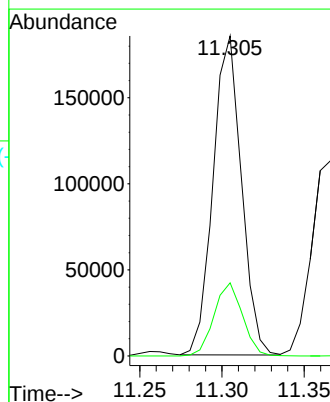
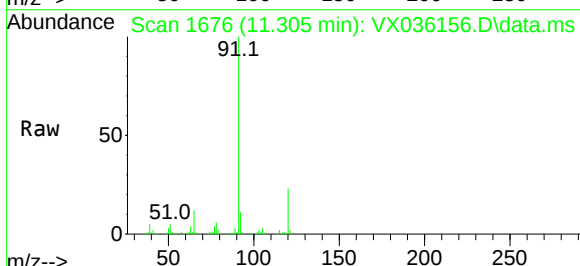
RT: 11.305 min Scan# 1676

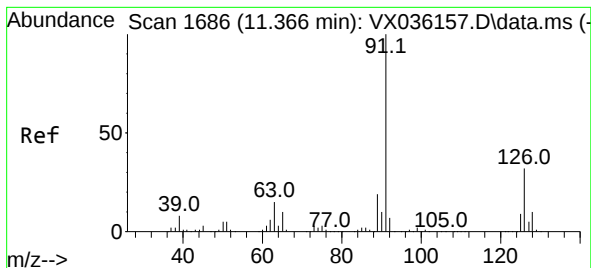
Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Tgt Ion:	91	Resp:	222410
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





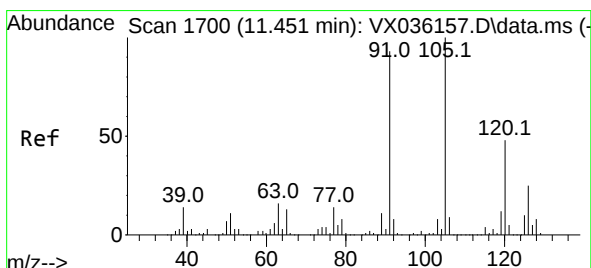
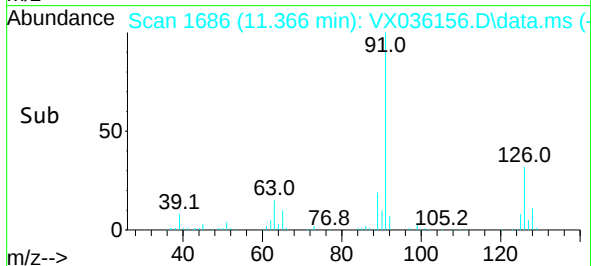
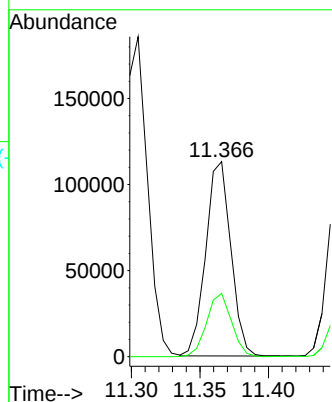
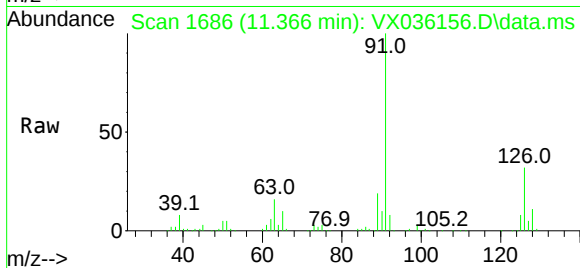
#79
2-Chlorotoluene
Concen: 18.546 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 144140
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

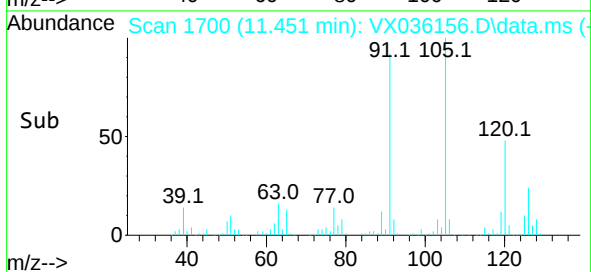
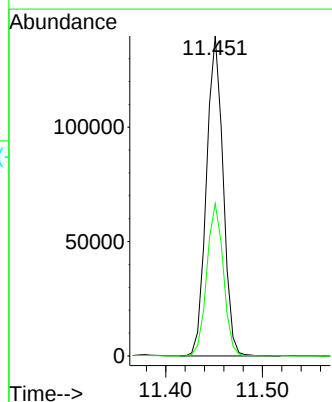
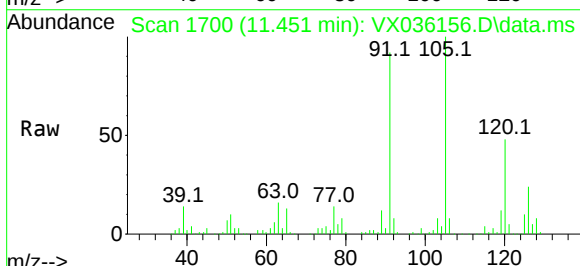
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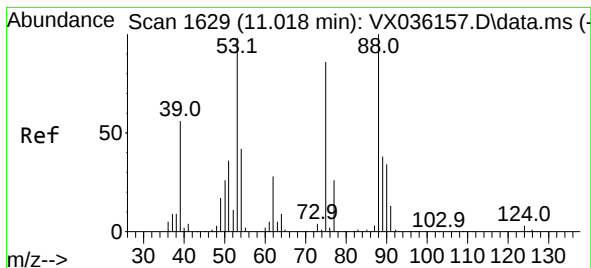
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.842 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion:105 Resp: 167687
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





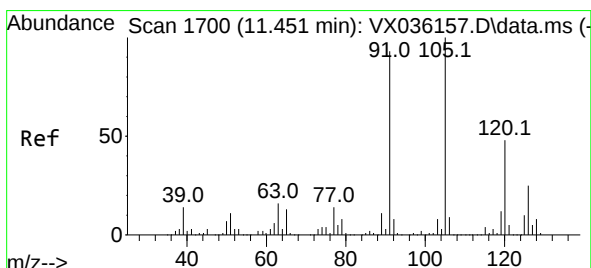
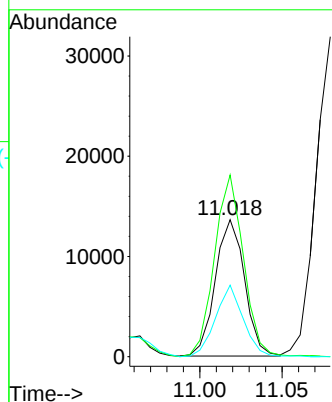
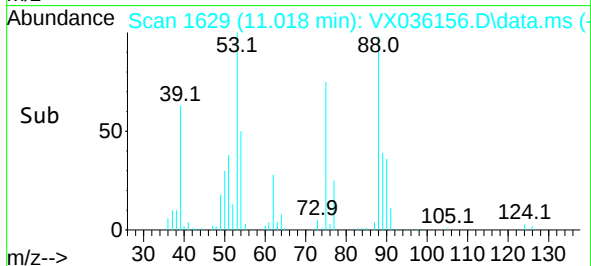
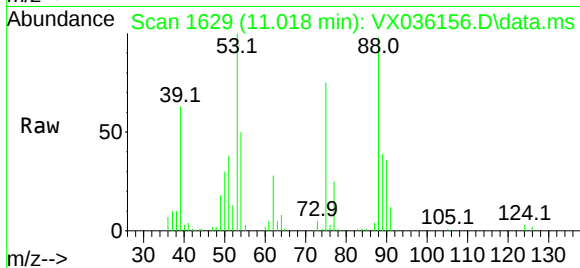
#81
trans-1,4-Dichloro-2-butene
Concen: 17.174 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 16848
Ion Ratio Lower Upper
75 100
53 132.1 90.5 135.7
89 49.9 36.9 55.3

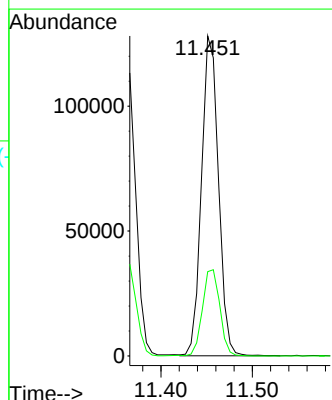
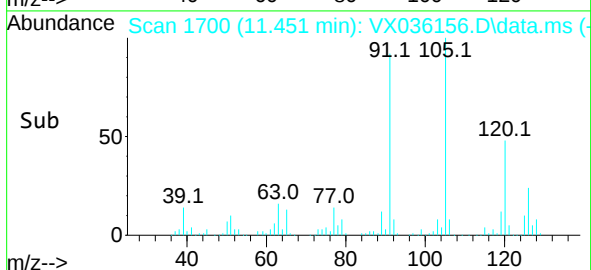
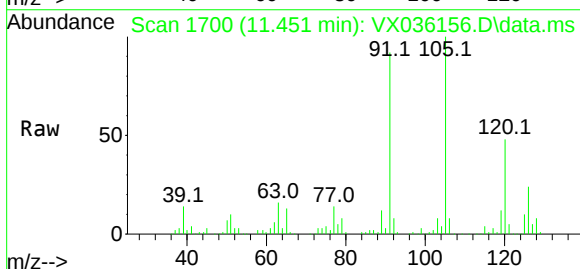
Manual Integrations
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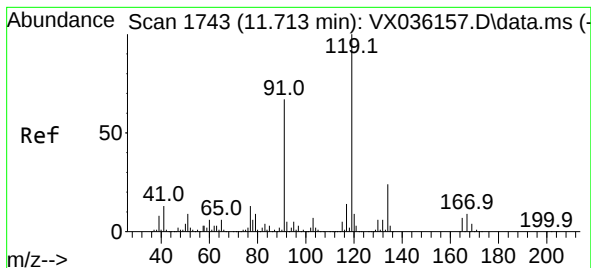
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#82
4-Chlorotoluene
Concen: 18.591 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 91 Resp: 164657
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.070 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 152474

Ion Ratio Lower Upper

119 100

91 63.9 31.2 93.6

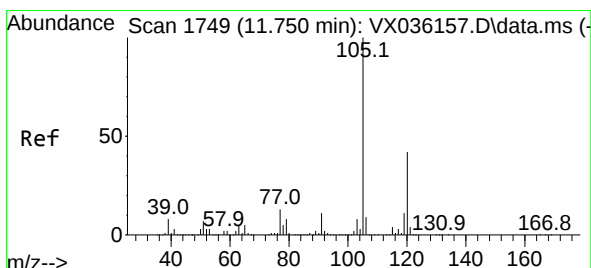
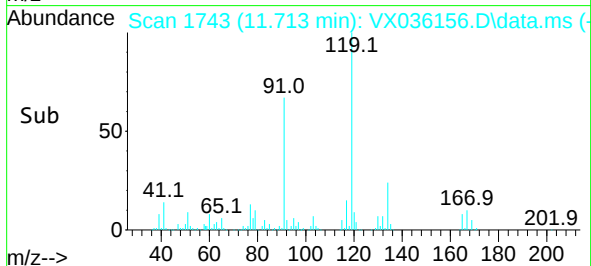
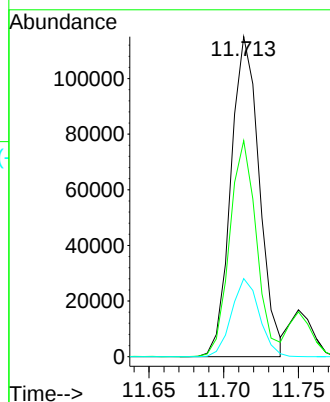
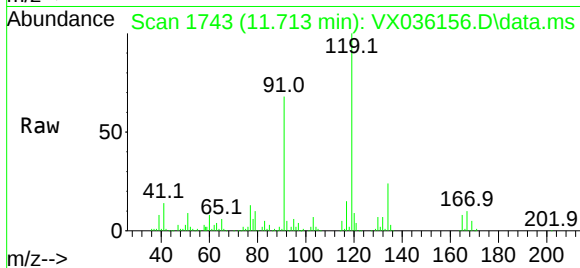
134 23.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.044 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036156.D

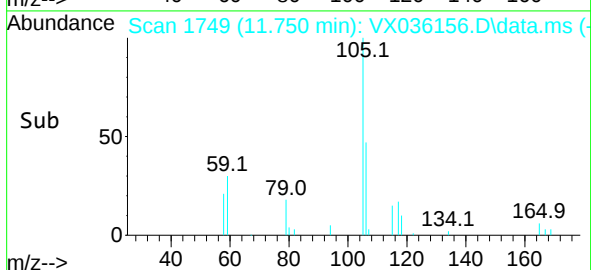
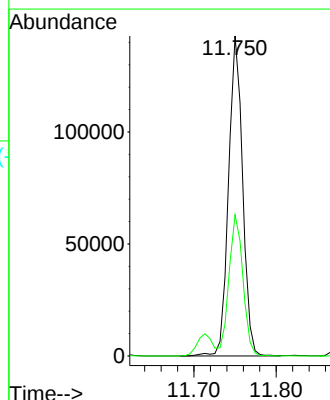
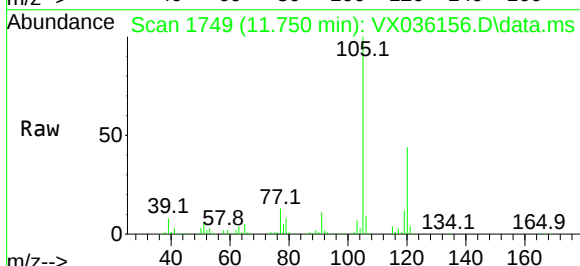
Acq: 14 Jun 2023 15:13

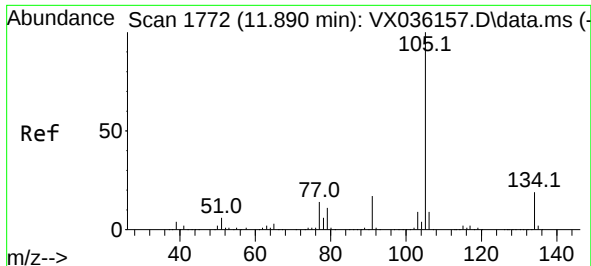
Tgt Ion:105 Resp: 170231

Ion Ratio Lower Upper

105 100

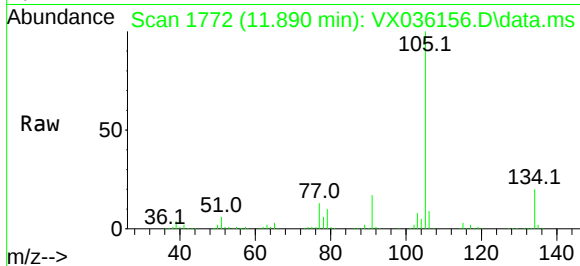
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 17.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13

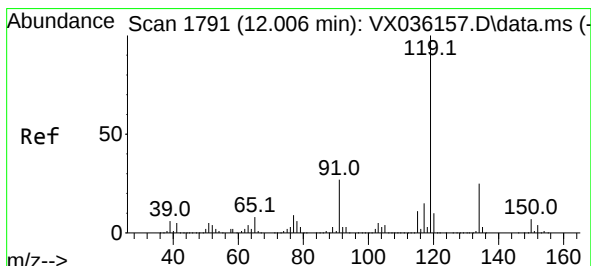
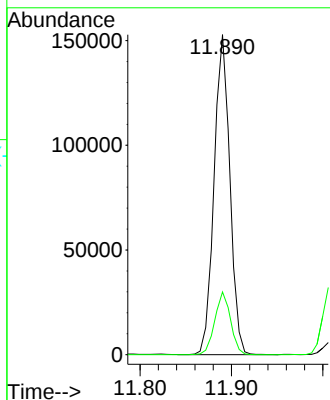
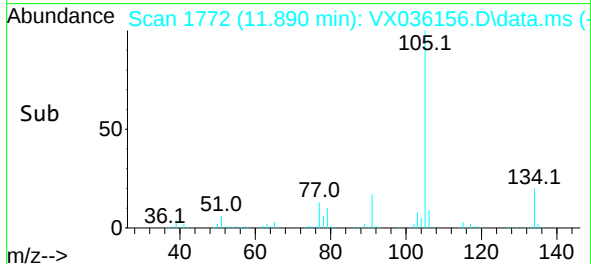
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 18301
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

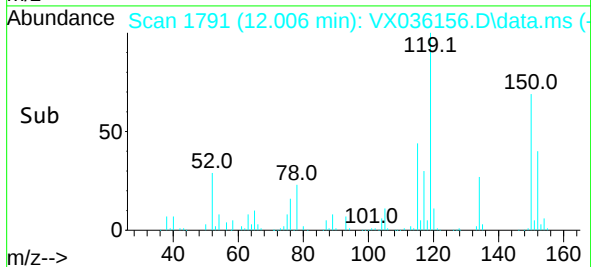
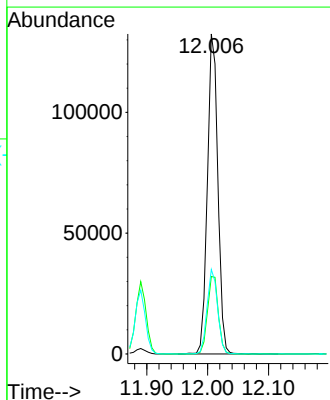
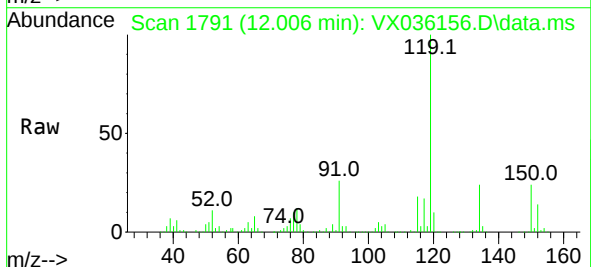
Manual Integrations
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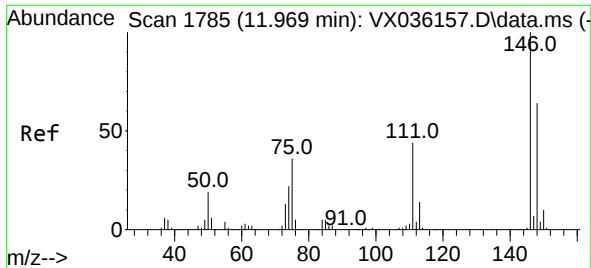
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023



#86
 p-Isopropyltoluene
 Concen: 18.151 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036156.D
 Acq: 14 Jun 2023 15:13

Tgt Ion:119 Resp: 157649
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.392 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 8683

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

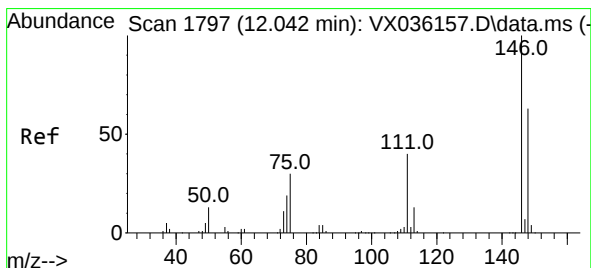
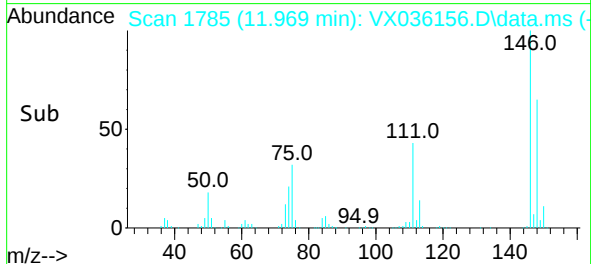
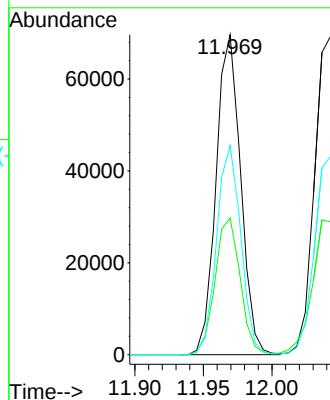
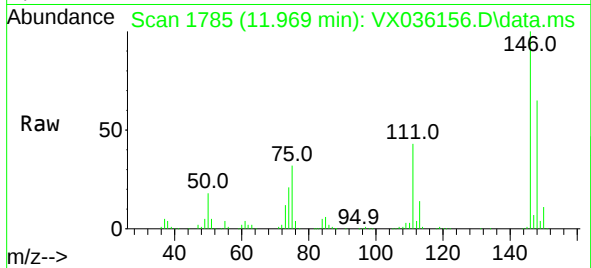
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#88

1,4-Dichlorobenzene

Concen: 18.289 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

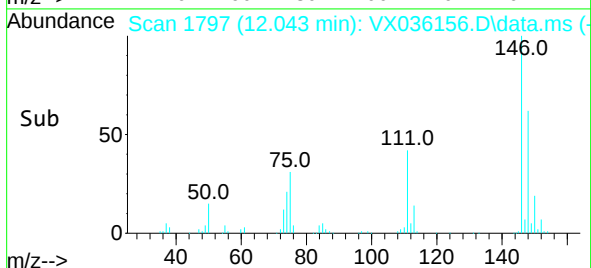
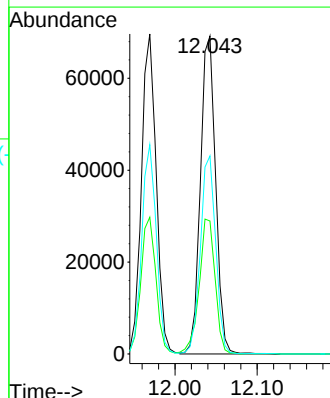
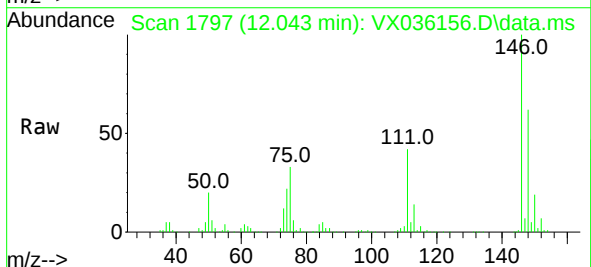
Tgt Ion:146 Resp: 89091

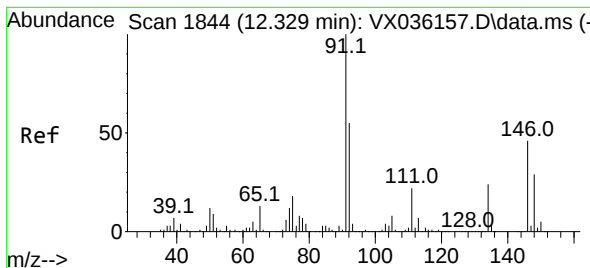
Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.7

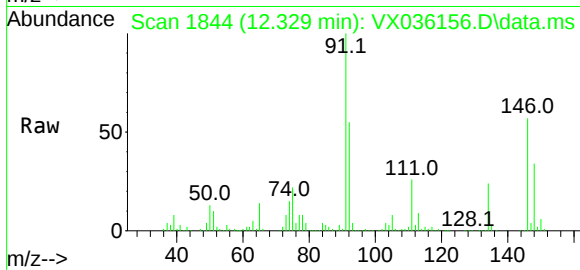
148 62.5 31.8 95.4





#89
n-Butylbenzene
Concen: 17.161 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

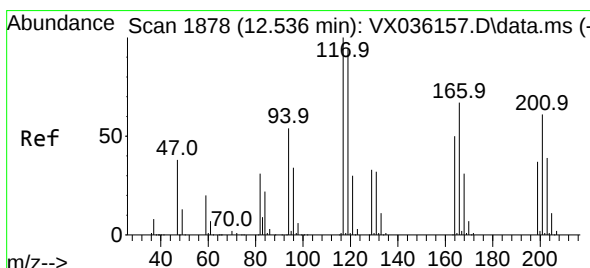
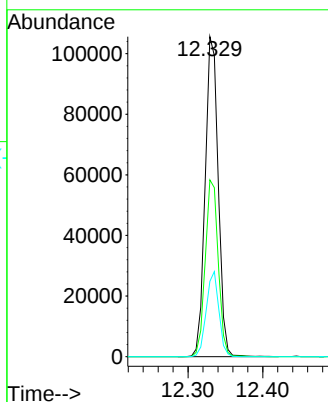
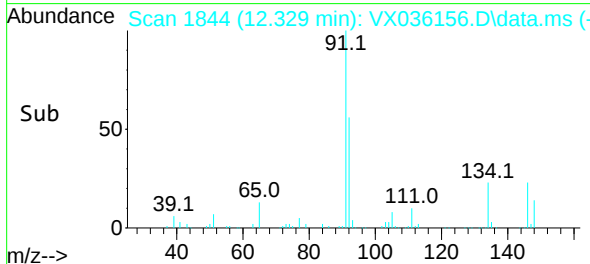
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 128080
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 25.6 12.6 37.8

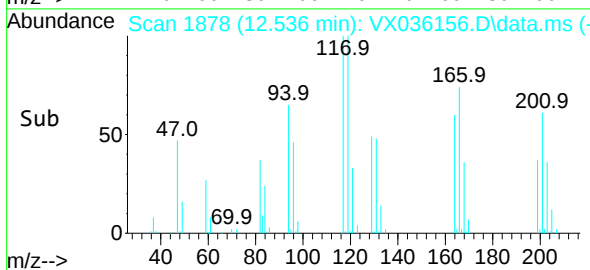
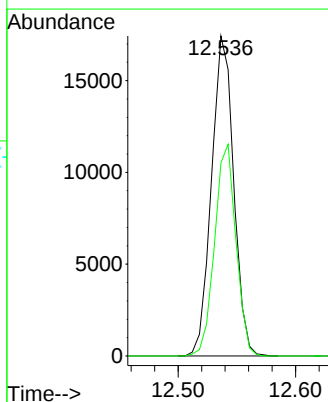
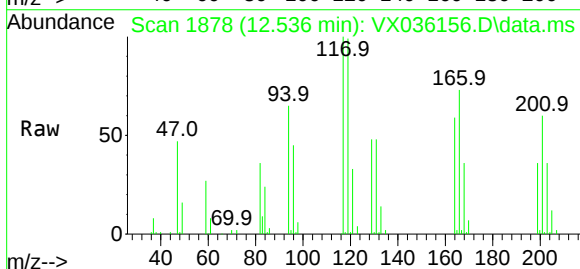
Manual Integrations
APPROVED

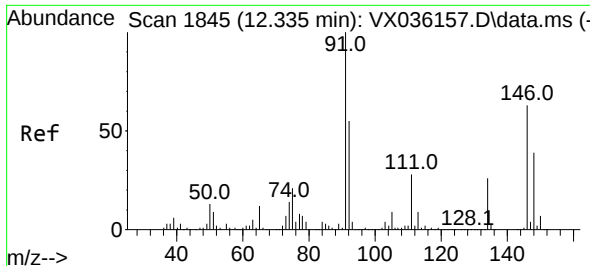
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#90
Hexachloroethane
Concen: 16.808 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion:117 Resp: 22851
Ion Ratio Lower Upper
117 100
201 63.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.750 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

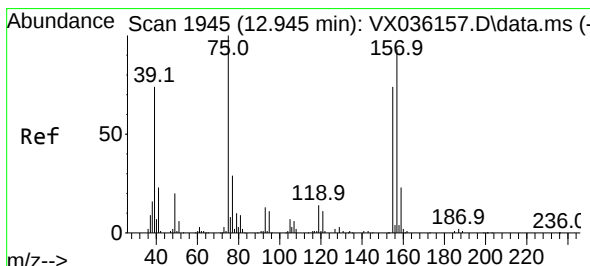
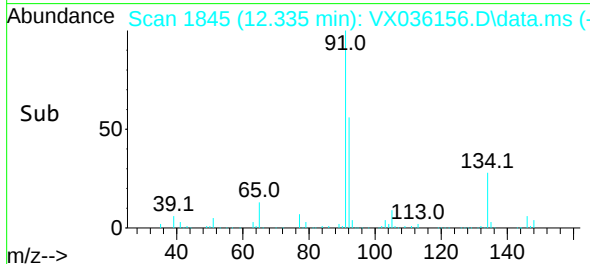
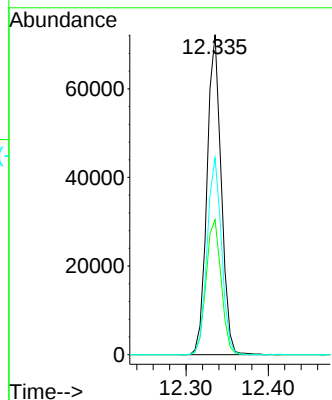
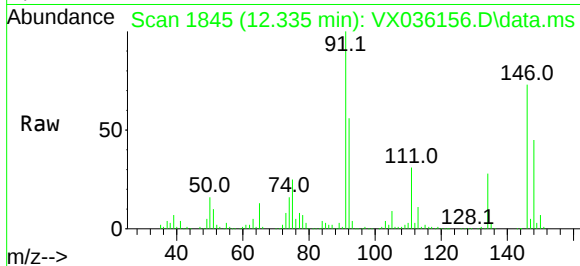
VSTDICC020

Tgt Ion:146 Resp: 8669
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 62.3 31.6 95.0

Manual Integrations

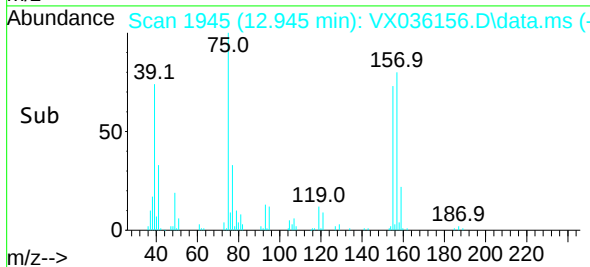
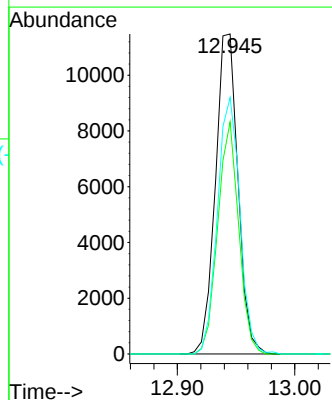
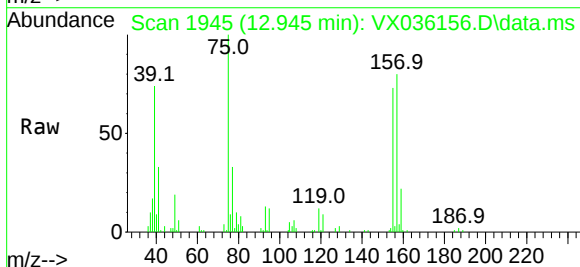
APPROVED

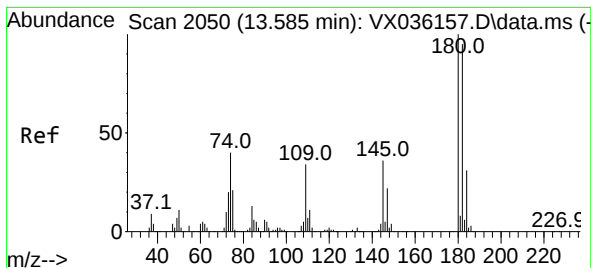
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.601 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036156.D
Acq: 14 Jun 2023 15:13

Tgt Ion: 75 Resp: 15340
Ion Ratio Lower Upper
75 100
155 67.2 36.1 108.5
157 79.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.347 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

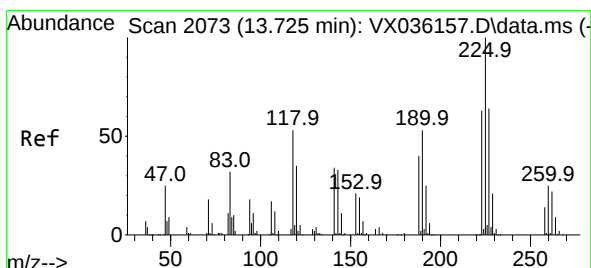
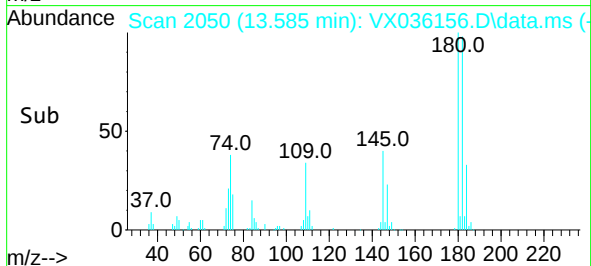
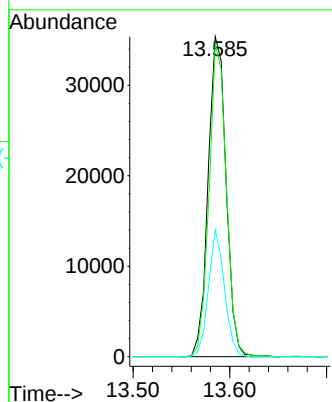
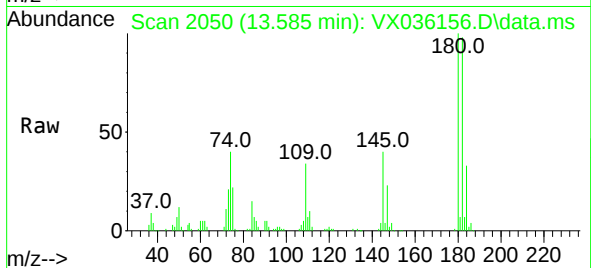
Tgt Ion:180	Resp:	4559
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.3 144.8
145	35.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#94

Hexachlorobutadiene

Concen: 16.009 ug/l

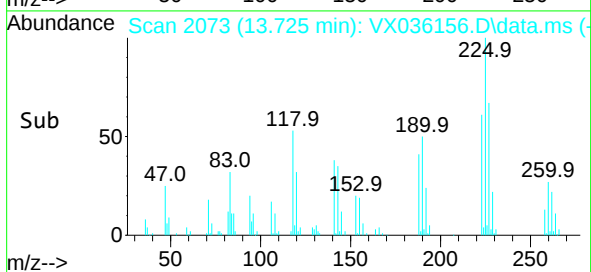
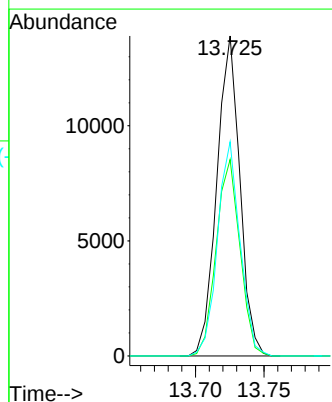
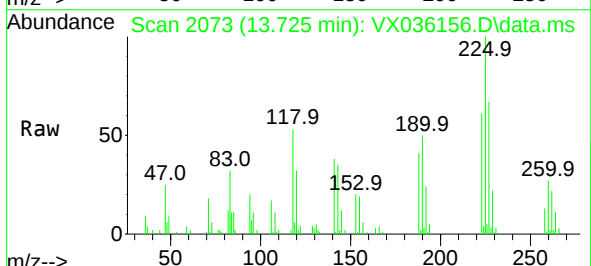
RT: 13.725 min Scan# 2073

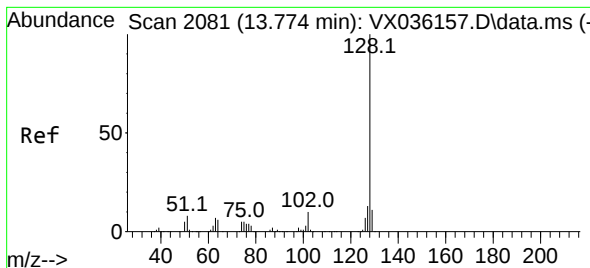
Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Tgt Ion:225	Resp:	16225
Ion Ratio	Lower	Upper
225	100	
223	63.2	31.1 93.2
227	65.7	32.5 97.5





#95

Naphthalene

Concen: 18.430 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

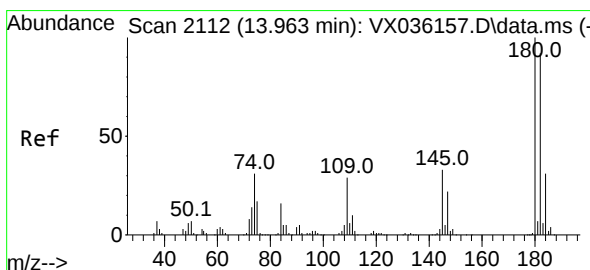
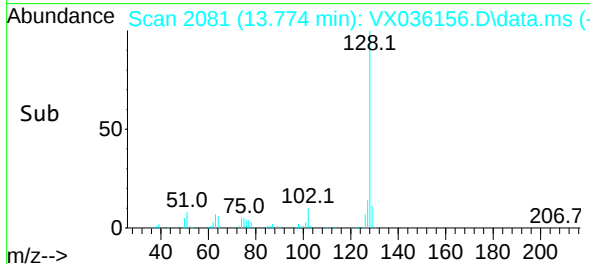
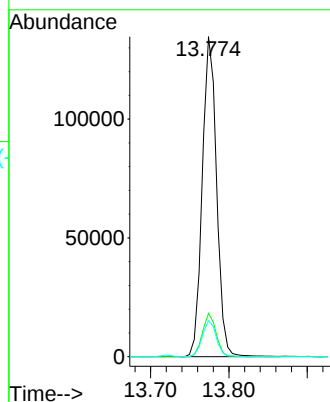
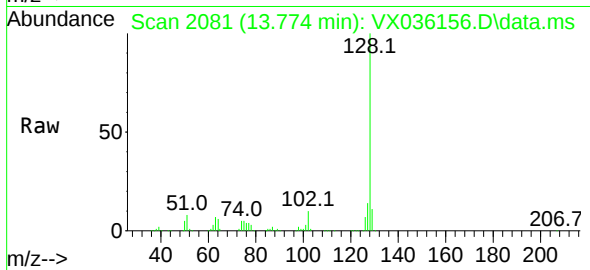
Tgt Ion:	128	Resp:	170930
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.509 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX036156.D

Acq: 14 Jun 2023 15:13

Tgt Ion:	180	Resp:	45677
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.9	140.6
145	35.7	17.8	53.5

