

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026337.D
 Acq On : 05 Jan 2022 21:01
 Operator : JC/MD
 Sample : PB141832TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 03:12:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

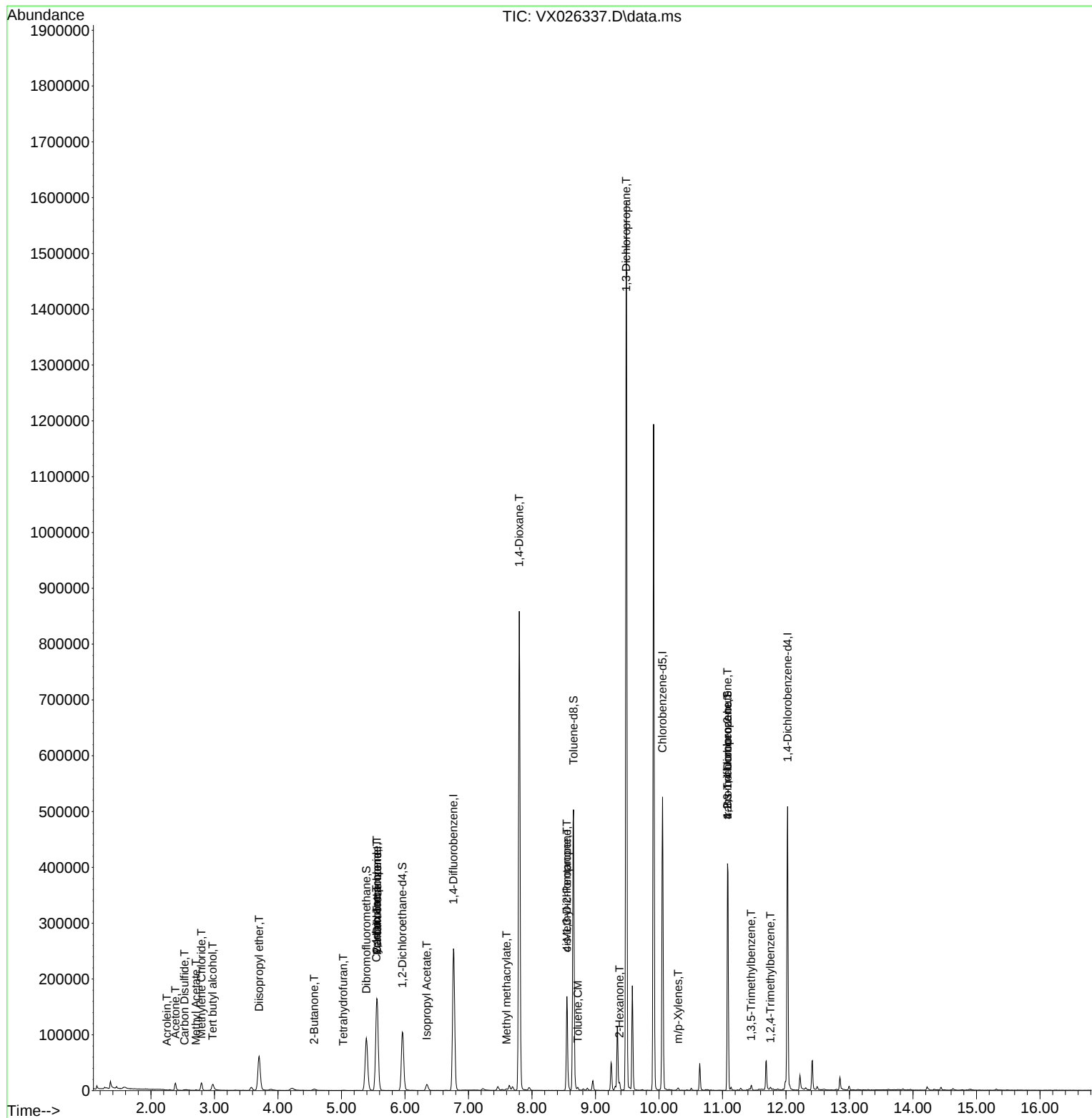
Internal Standards						
1) Pentafluorobenzene	5.562	168	154515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104641	46.811	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.391	113	81251	48.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.653	98	297562	47.713	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.420%		
62) 4-Bromofluorobenzene	11.079	95	115035	51.815	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	1945	4.356	ug/l #	84
13) Acrolein	2.252	56	115	0.720	ug/l #	1
16) Acetone	2.386	43	13752	11.354	ug/l	97
17) Carbon Disulfide	2.526	76	1662	0.338	ug/l #	79
18) Methyl Acetate	2.709	43	911	0.232	ug/l	92
20) Methylene Chloride	2.794	84	5834	2.107	ug/l	99
22) Diisopropyl ether	3.703	45	2228	0.345	ug/l #	1
25) 2-Butanone	4.568	43	2675	1.586	ug/l	96
29) Tetrahydrofuran	5.026	42	236	0.222	ug/l #	62
31) Cyclohexane	5.550	56	3344	1.050	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	12178	4.503	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16372	5.443	ug/l #	15
43) Isopropyl Acetate	6.342	43	16059	3.142	ug/l	96
48) Methyl methacrylate	7.598	41	3936	1.606	ug/l #	12
49) 1,4-Dioxane	7.800	88	116	2.568	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	56945	17.906	ug/l #	49
52) Toluene	8.720	92	1453	0.306	ug/l	95
54) cis-1,3-Dichloropropene	8.549	75	25661	8.150	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	14150	4.230	ug/l #	42
59) 2-Hexanone	9.378	43	7957	3.303	ug/l #	25
68) m/p-Xylenes	10.299	106	1017	0.306	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	57634	22.979	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3711	0.554	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	57634	66.477	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	1613	0.241	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB141832TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

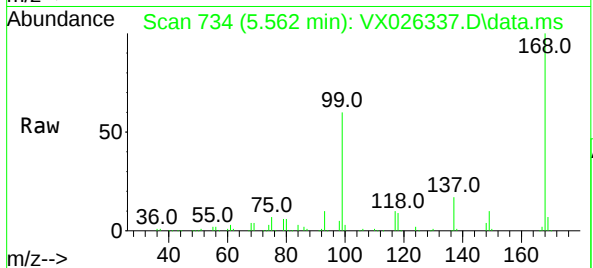
Quant Time: Jan 06 03:12:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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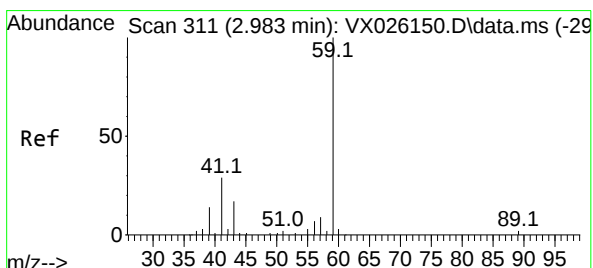
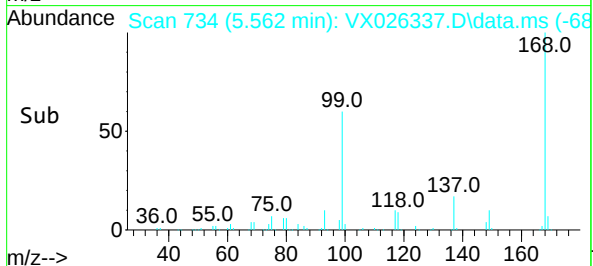
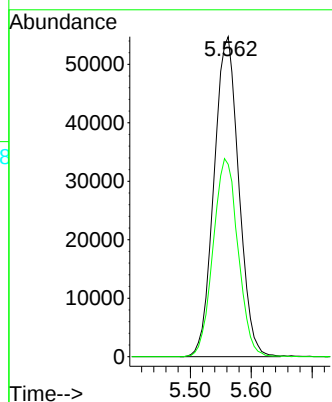


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :

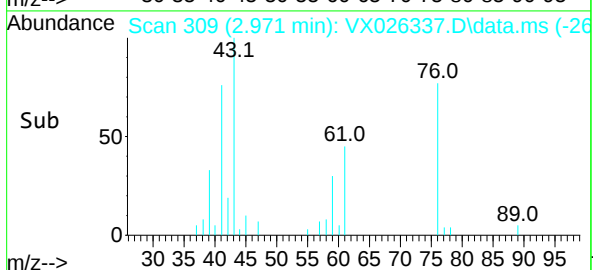
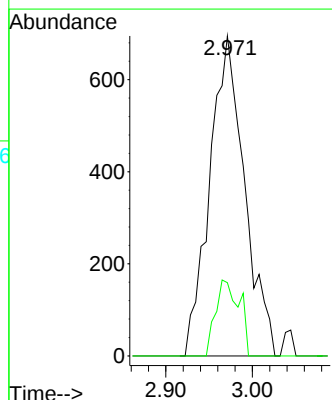
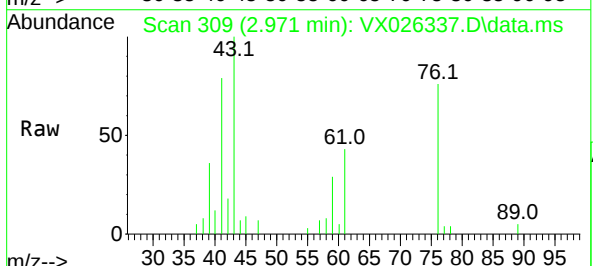


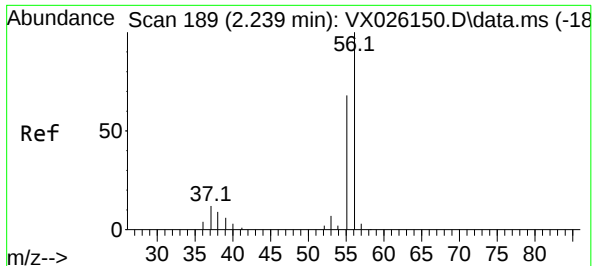
Tgt Ion:168 Resp: 154515
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 4.356 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

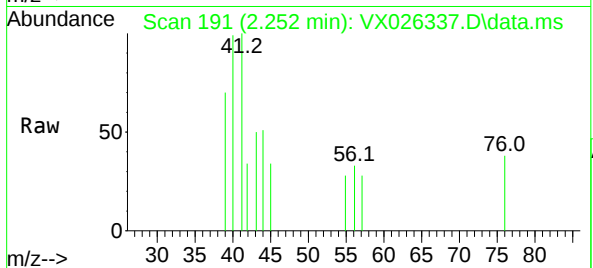
Tgt Ion: 59 Resp: 1945
Ion Ratio Lower Upper
59 100
57 16.1 8.2 12.2#



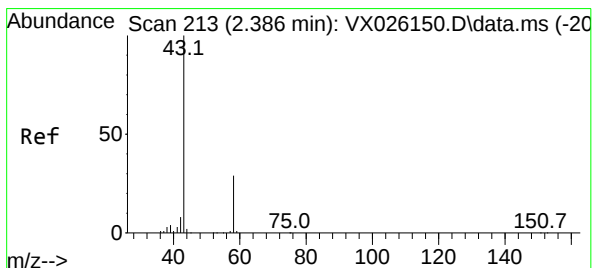
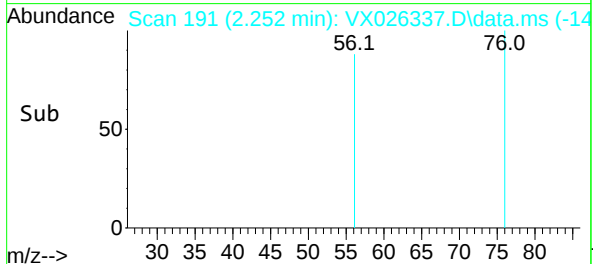
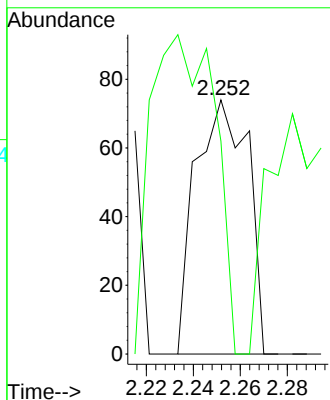


#13
Acrolein
Concen: 0.720 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :

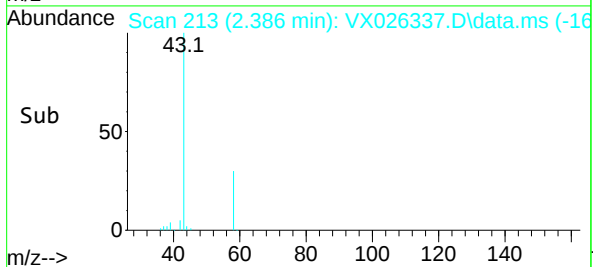
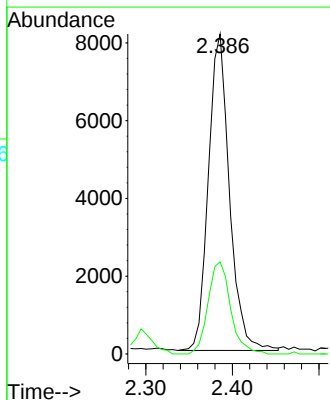
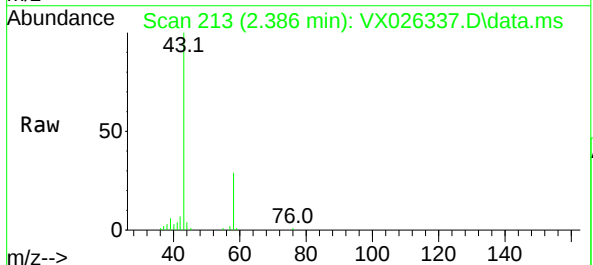


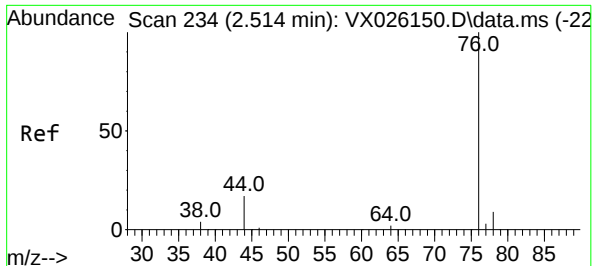
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 153.9 57.4 86.2#



#16
Acetone
Concen: 11.354 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

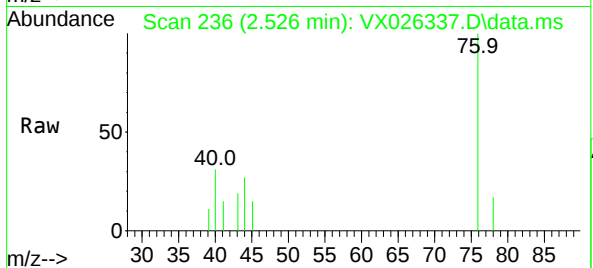
Tgt Ion: 43 Resp: 13752
Ion Ratio Lower Upper
43 100
58 29.1 24.8 37.2



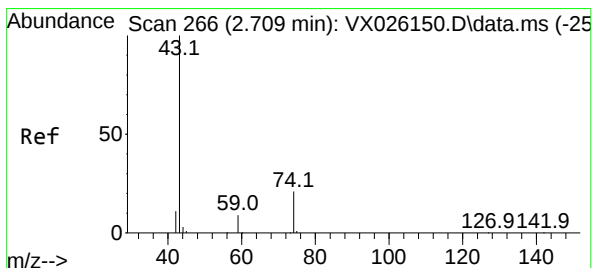
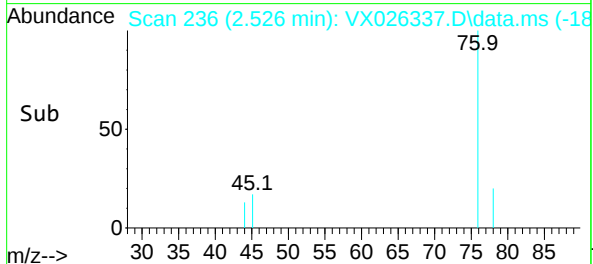
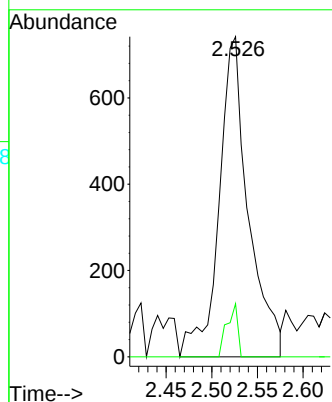


#17
Carbon Disulfide
Concen: 0.338 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :

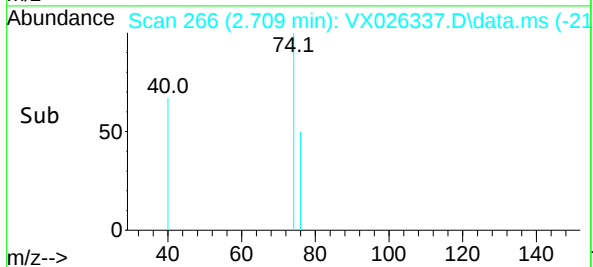
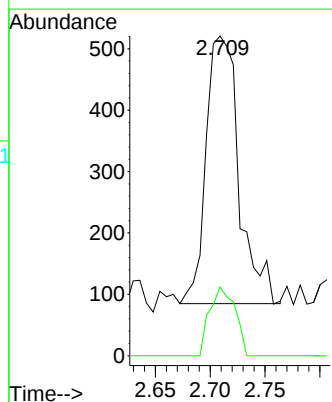
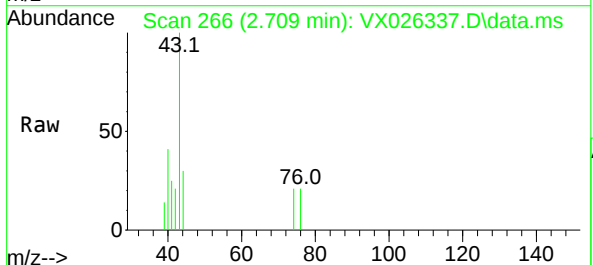


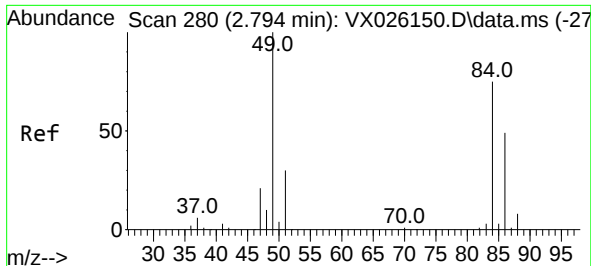
Tgt Ion: 76 Resp: 1662
Ion Ratio Lower Upper
76 100
78 16.6 7.2 10.8#



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

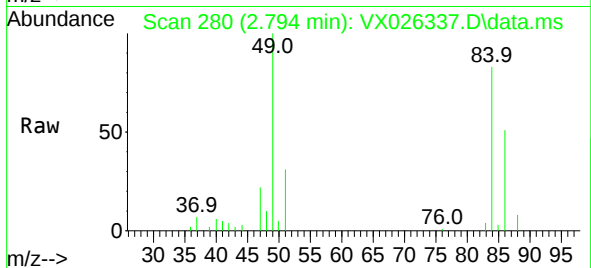
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
74 19.9 19.1 28.7



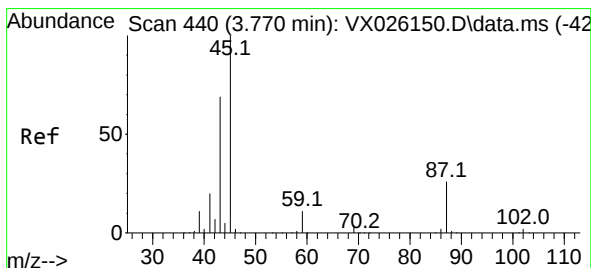
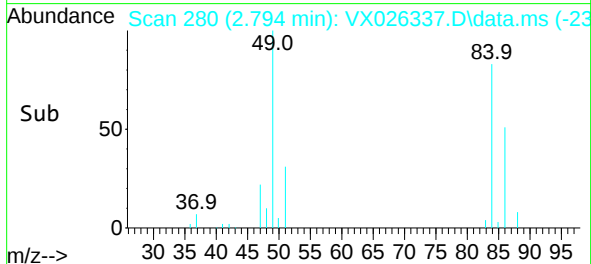
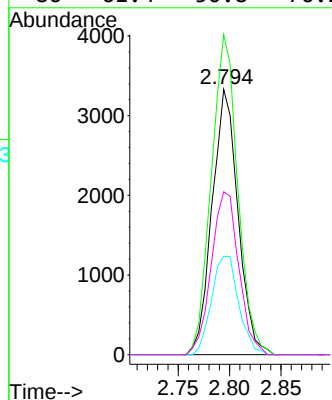


#20
Methylene Chloride
Concen: 2.107 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :

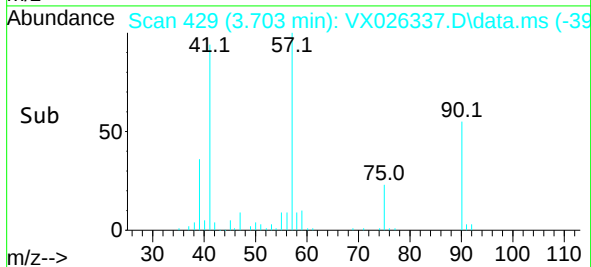
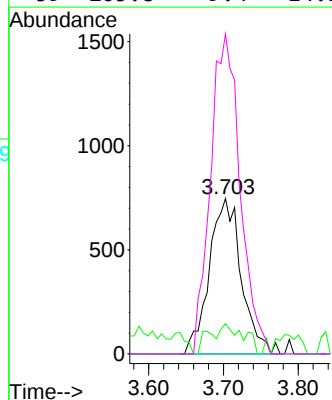
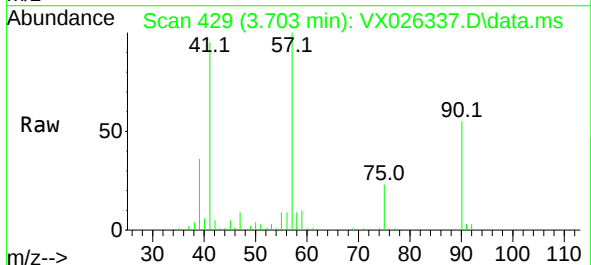


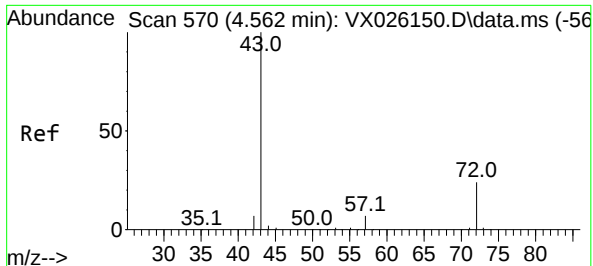
Tgt Ion: 84	Resp: 5834
Ion Ratio	Lower Upper
84 100	
49 120.6	97.1 145.7
51 37.1	29.3 43.9
86 61.4	50.8 76.2



#22
Diisopropyl ether
Concen: 0.345 ug/l
RT: 3.703 min Scan# 429
Delta R.T. -0.067 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Tgt Ion: 45	Resp: 2228
Ion Ratio	Lower Upper
45 100	
43 10.7	63.8 95.6#
87 0.0	24.2 36.4#
59 205.8	9.4 14.2#





#25

2-Butanone

Concen: 1.586 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

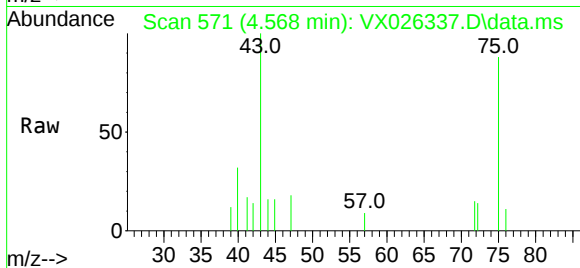
Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

Instrument :

MSVOA_X

ClientSampleId :

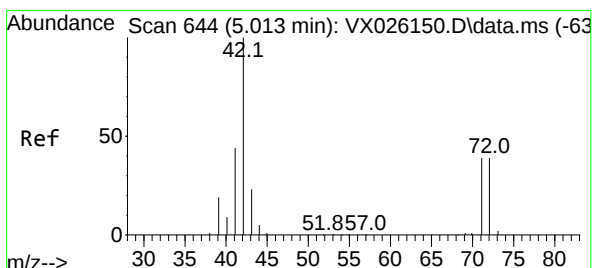
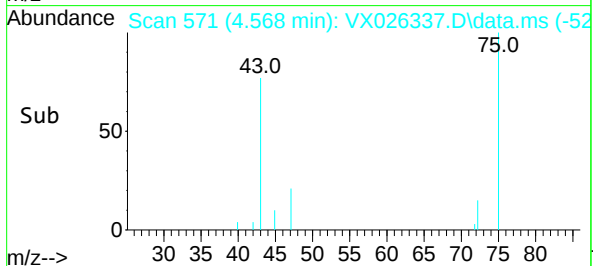
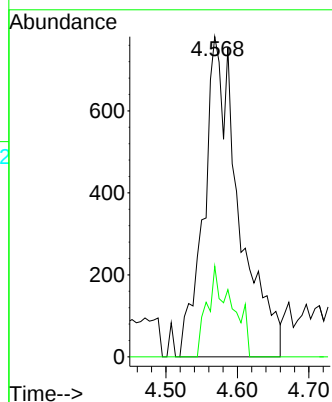


Tgt Ion: 43 Resp: 2675

Ion Ratio Lower Upper

43 100

72 28.3 21.0 31.4



#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.013 min

Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

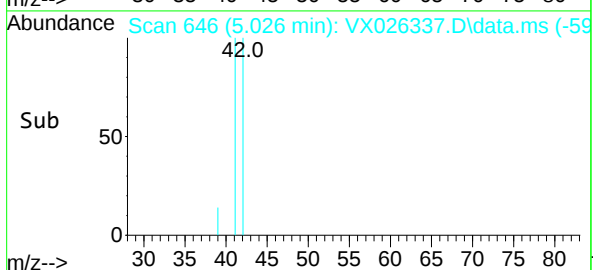
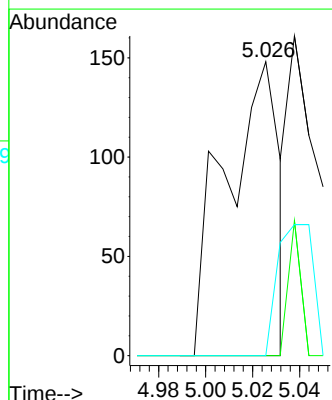
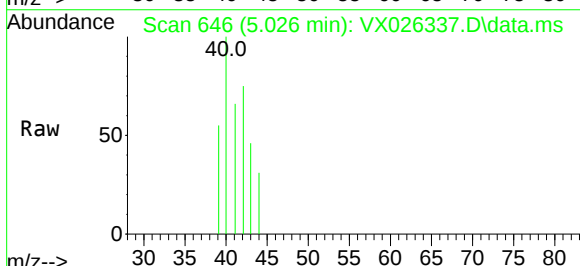
Tgt Ion: 42 Resp: 236

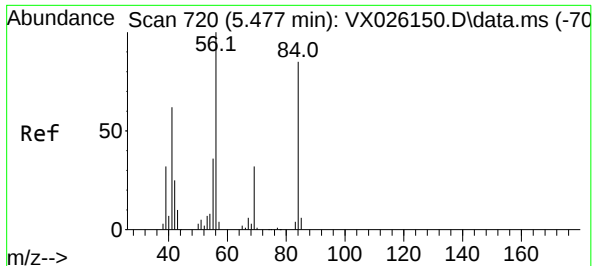
Ion Ratio Lower Upper

42 100

72 10.6 37.0 55.6#

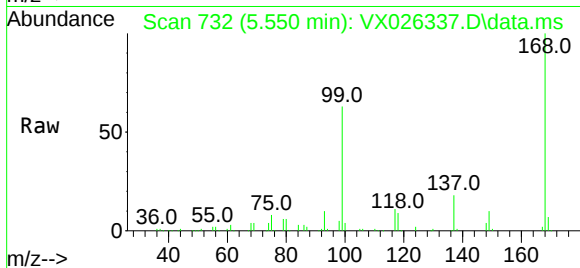
71 29.2 34.1 51.1#



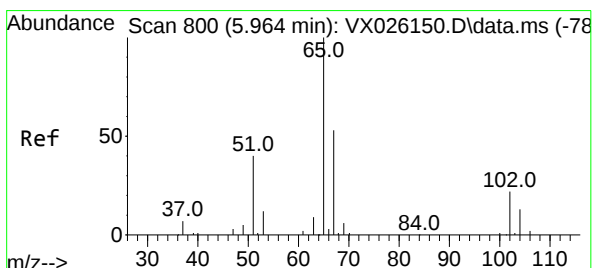
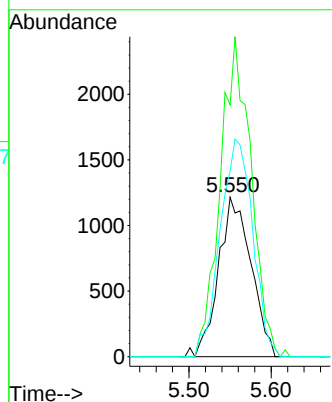
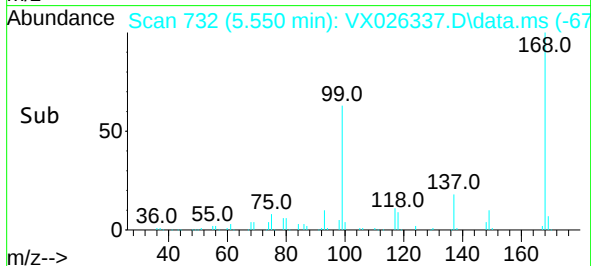


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :

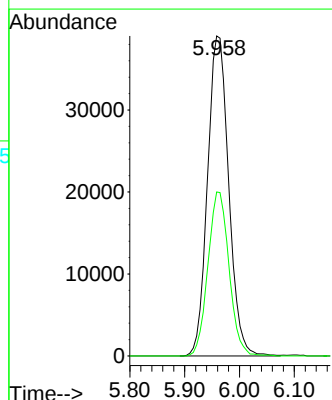
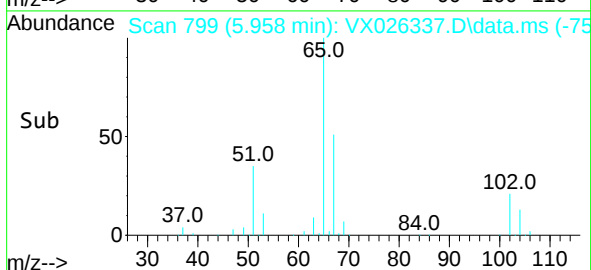
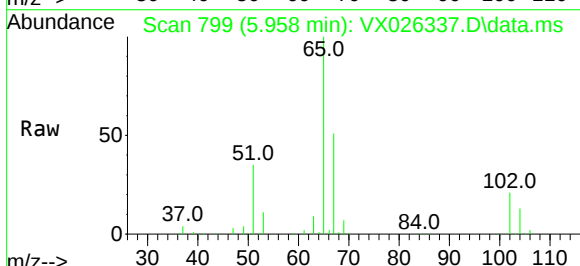


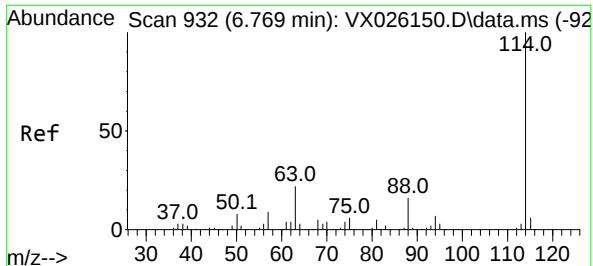
Tgt Ion: 56 Resp: 3344
Ion Ratio Lower Upper
56 100
69 158.0 23.9 35.9#
84 116.6 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 46.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

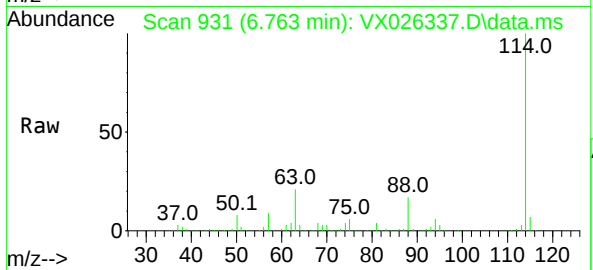
Tgt Ion: 65 Resp: 104641
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



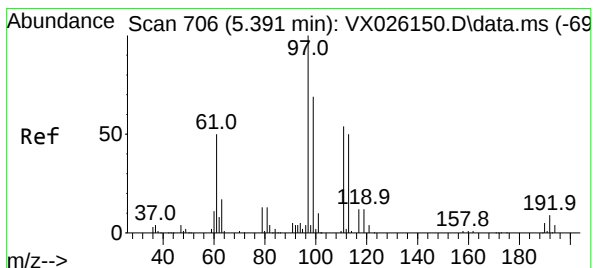
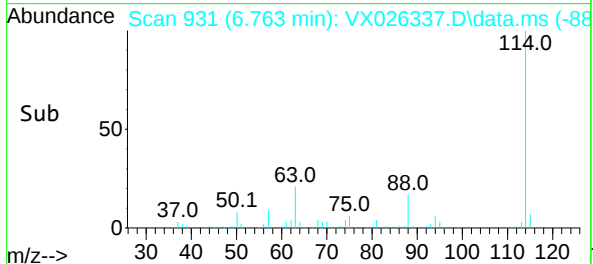
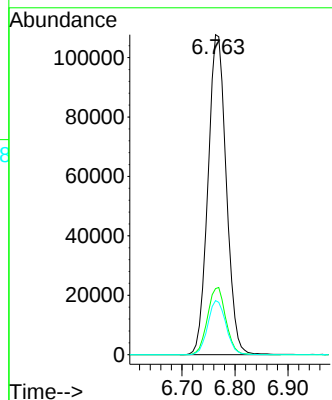


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Instrument :
MSVOA_X
ClientSampleId :

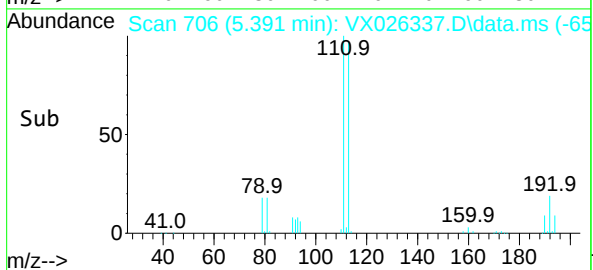
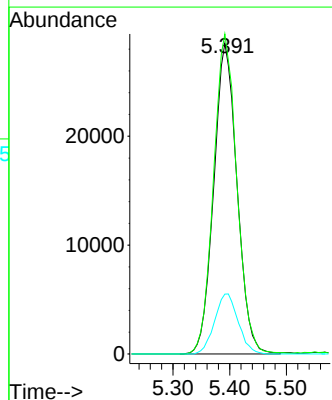
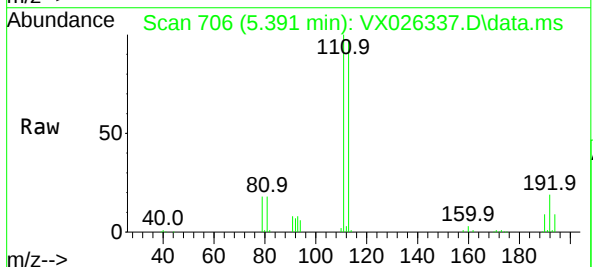


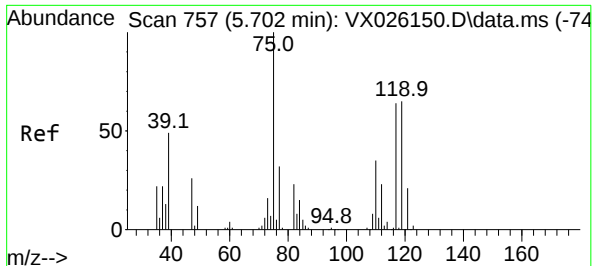
Tgt Ion:114 Resp: 257893
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.460 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Tgt Ion:113 Resp: 81251
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 19.5 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

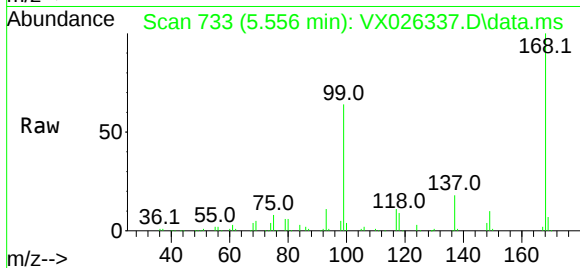
Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

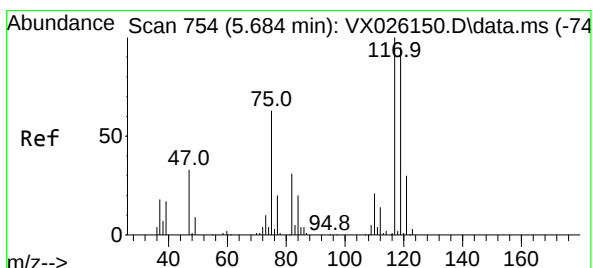
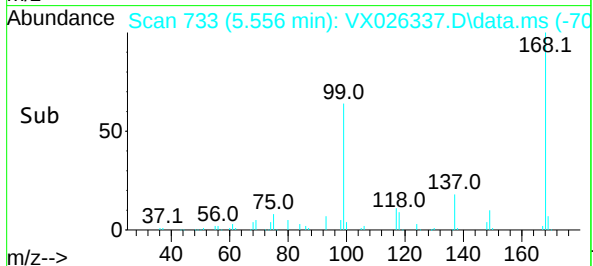
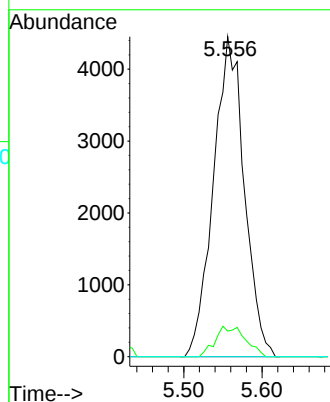
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 12178
Ion Ratio	Lower Upper
75	100
110	9.2 18.2 54.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.443 ug/l

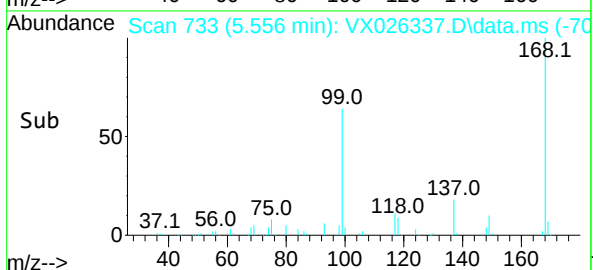
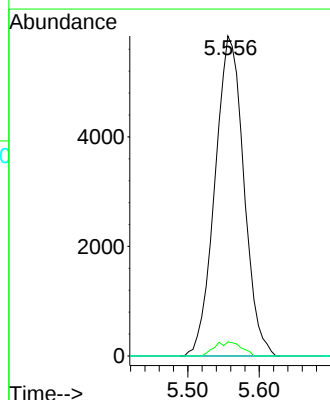
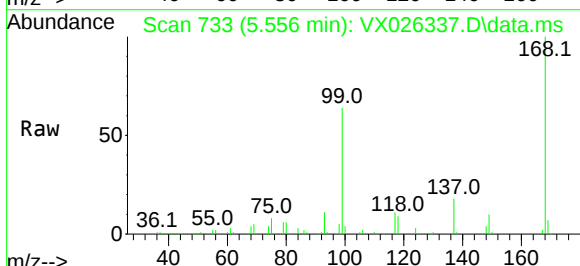
RT: 5.556 min Scan# 733

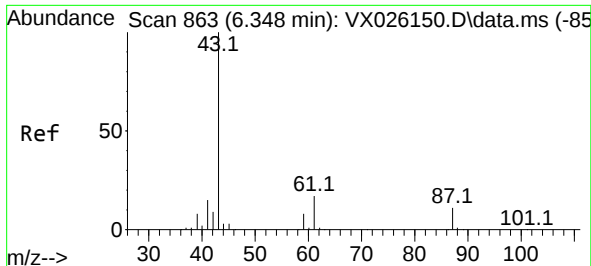
Delta R.T. -0.128 min

Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

Tgt Ion: 117	Resp: 16372
Ion Ratio	Lower Upper
117	100
119	4.4 77.2 115.8#
121	0.0 23.8 35.8#

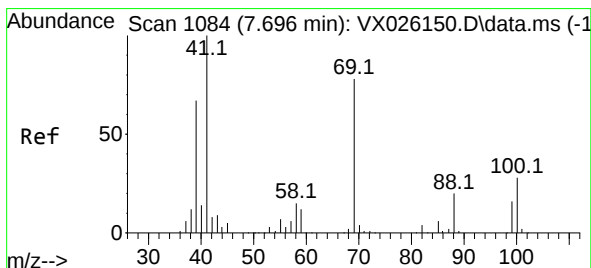
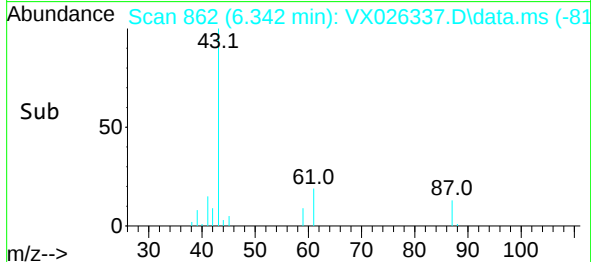
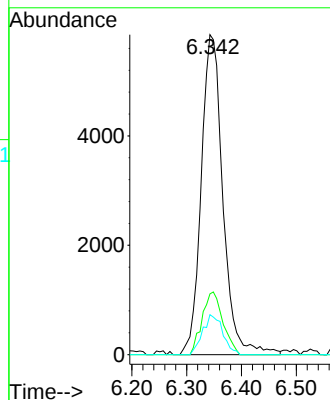
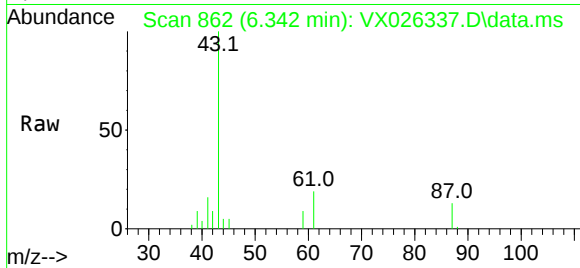




#43
Isopropyl Acetate
Concen: 3.142 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

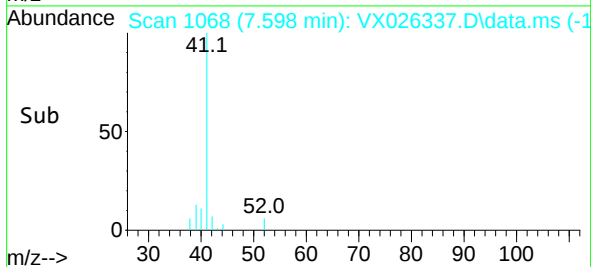
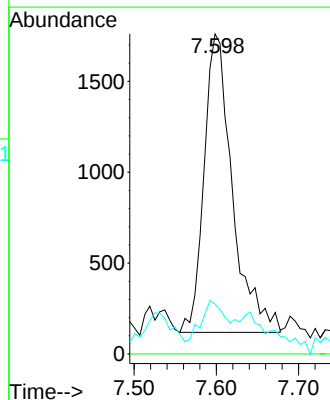
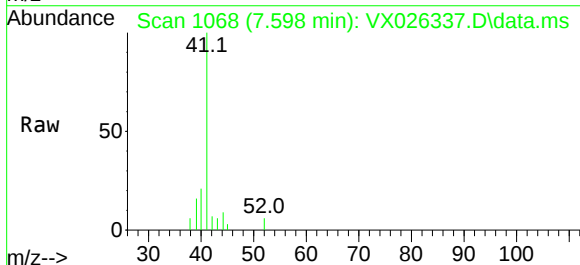
Instrument :
MSVOA_X
ClientSampleId :

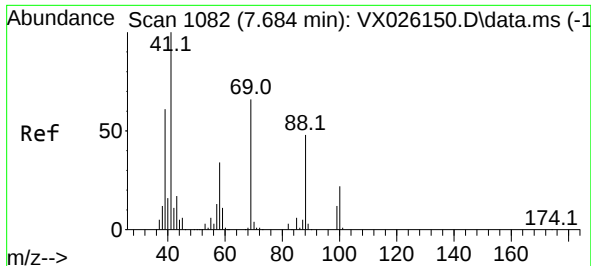
Tgt Ion: 43 Resp: 16059
Ion Ratio Lower Upper
43 100
61 18.8 15.7 23.5
87 11.6 11.2 16.8



#48
Methyl methacrylate
Concen: 1.606 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Tgt Ion: 41 Resp: 3936
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#





#49

1,4-Dioxane

Concen: 2.568 ug/l

RT: 7.800 min Scan# 1101

Delta R.T. 0.115 min

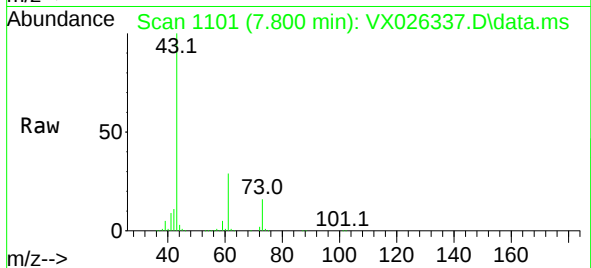
Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

Instrument :

MSVOA_X

ClientSampleId :



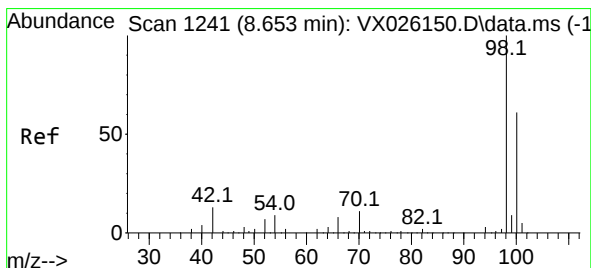
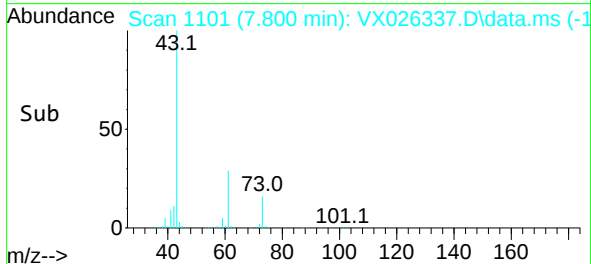
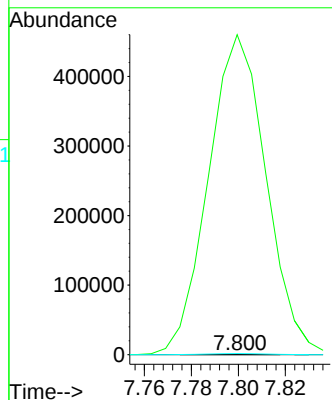
Tgt Ion: 88 Resp: 116

Ion Ratio Lower Upper

88 100

43 682999.1 25.3 37.9#

58 2401.7 51.8 77.6#



#50

Toluene-d8

Concen: 47.713 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026337.D

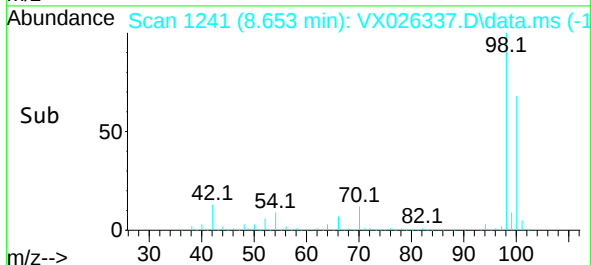
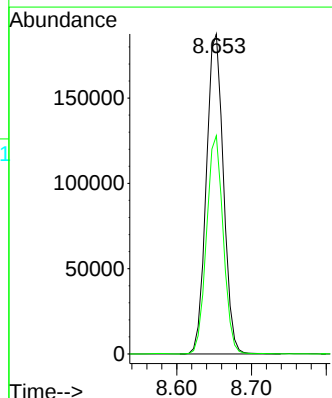
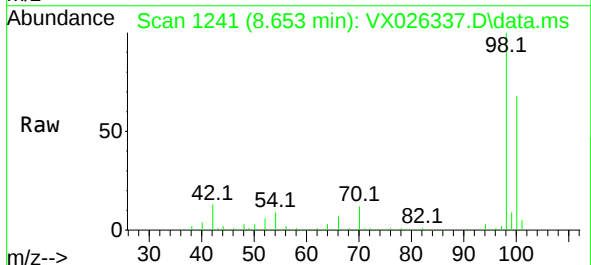
Acq: 05 Jan 2022 21:01

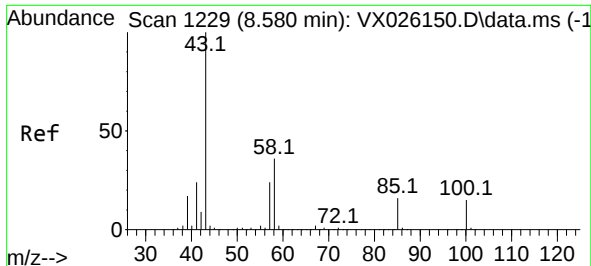
Tgt Ion: 98 Resp: 297562

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 17.906 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

Instrument :

MSVOA_X

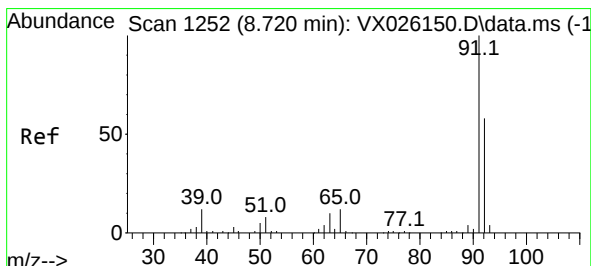
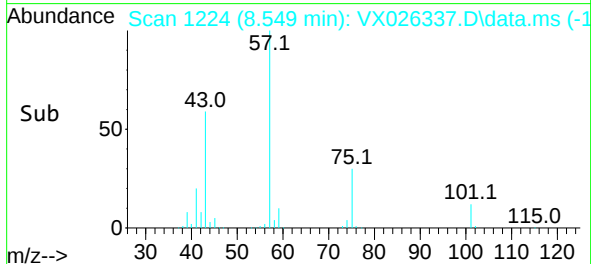
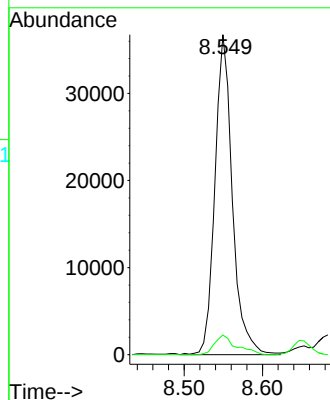
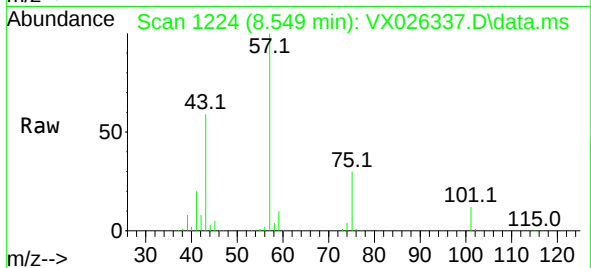
ClientSampleId :

Tgt Ion: 43 Resp: 56945

Ion Ratio Lower Upper

43 100

58 7.6 30.8 46.2#



#52

Toluene

Concen: 0.306 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026337.D

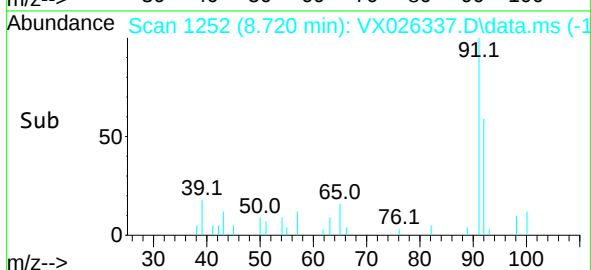
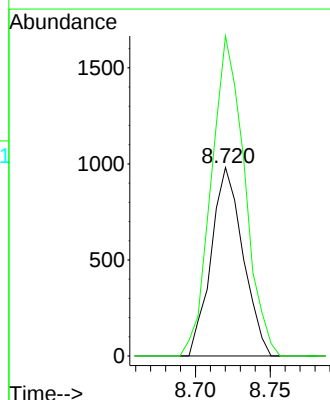
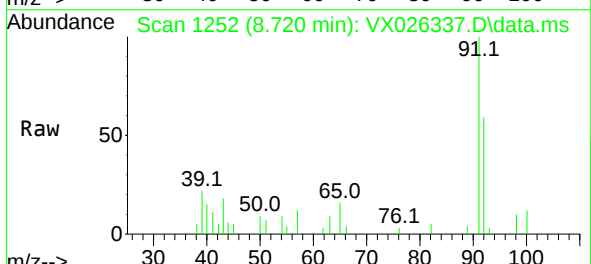
Acq: 05 Jan 2022 21:01

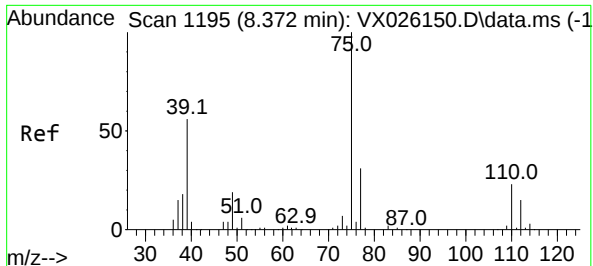
Tgt Ion: 92 Resp: 1453

Ion Ratio Lower Upper

92 100

91 177.0 136.0 204.0

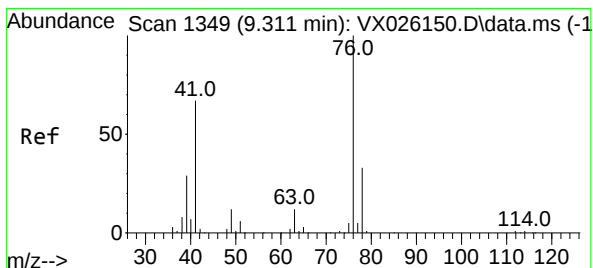
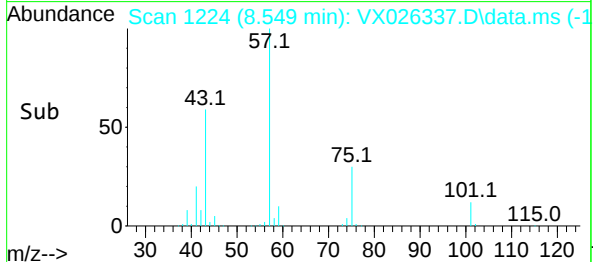
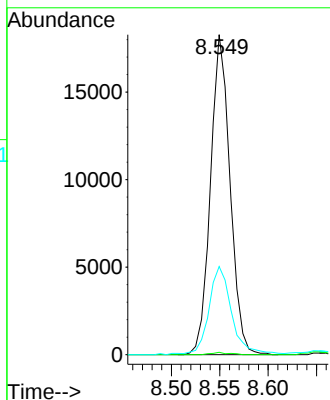
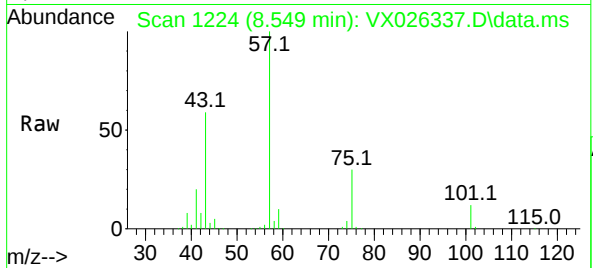




#54
 cis-1,3-Dichloropropene
 Concen: 8.150 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026337.D
 Acq: 05 Jan 2022 21:01

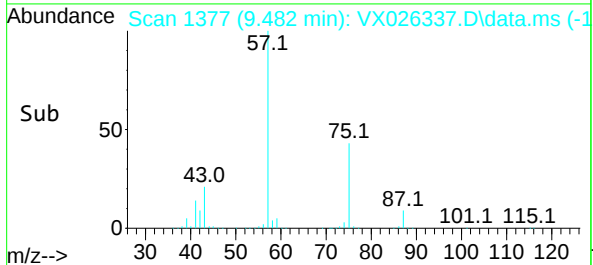
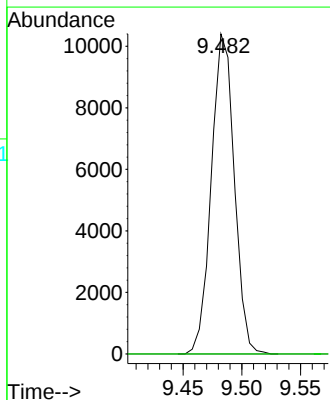
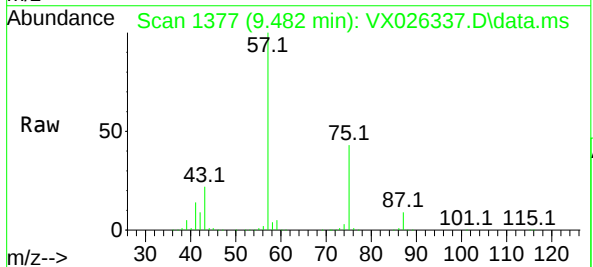
Instrument :
 MSVOA_X
 ClientSampleId :

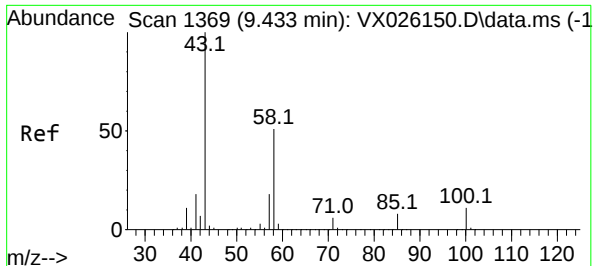
Tgt Ion: 75 Resp: 25661
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.3 37.9#
 39 27.2 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.230 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026337.D
 Acq: 05 Jan 2022 21:01

Tgt Ion: 76 Resp: 14150
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

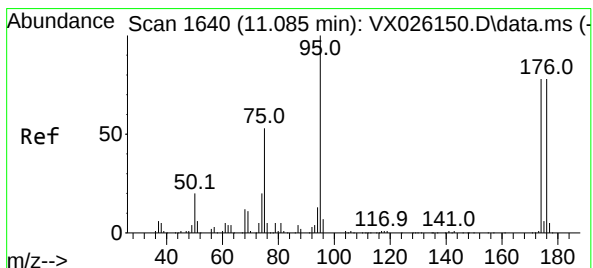
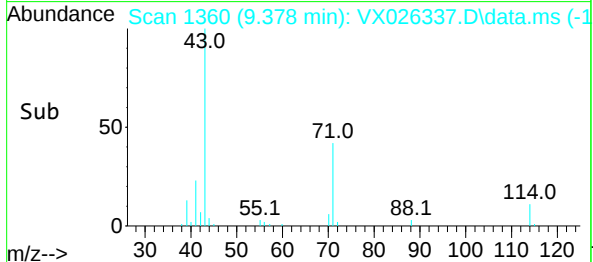
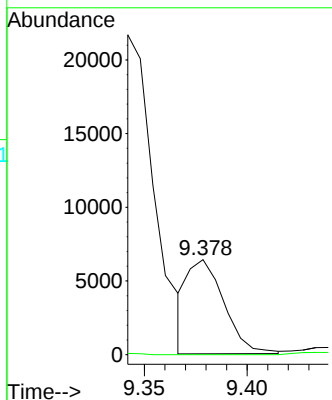
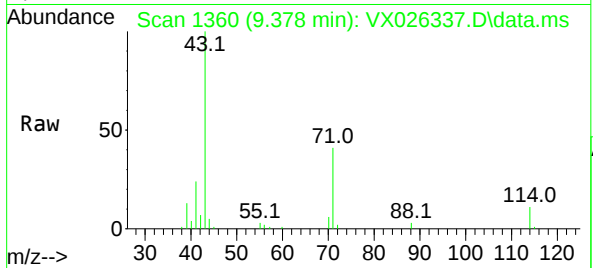




#59
2-Hexanone
Concen: 3.303 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

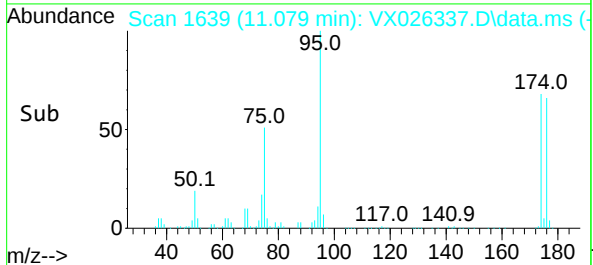
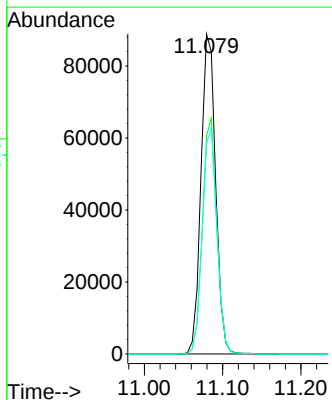
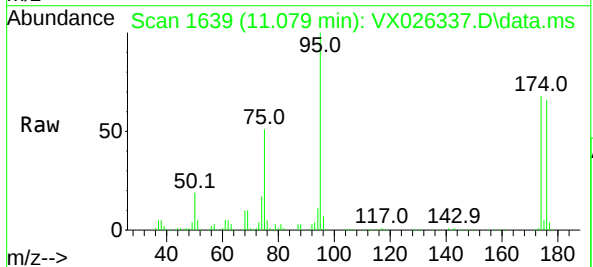
Instrument :
MSVOA_X
ClientSampleId :

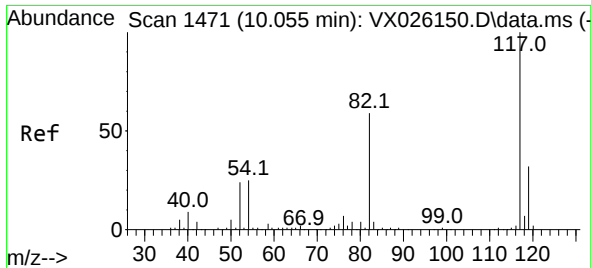
Tgt Ion: 43 Resp: 7957
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 51.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Tgt Ion: 95 Resp: 115035
Ion Ratio Lower Upper
95 100
174 72.1 0.0 157.4
176 70.3 0.0 154.6

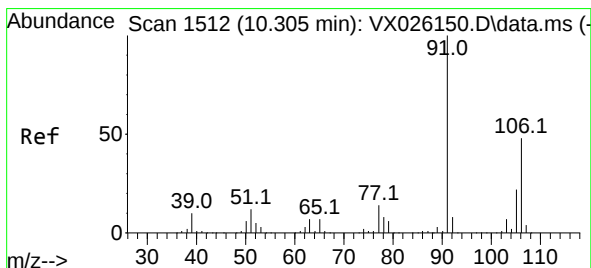
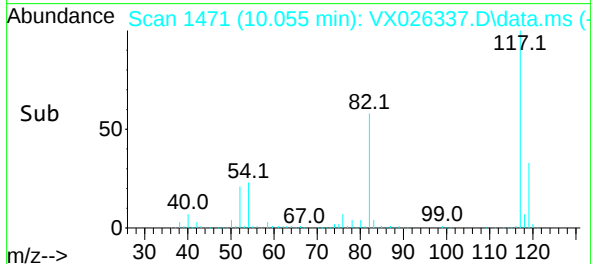
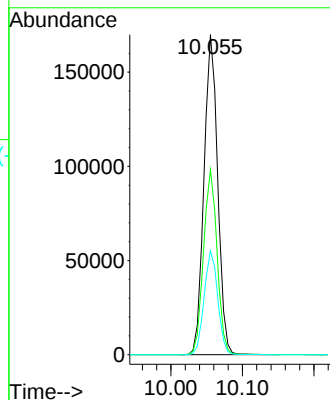
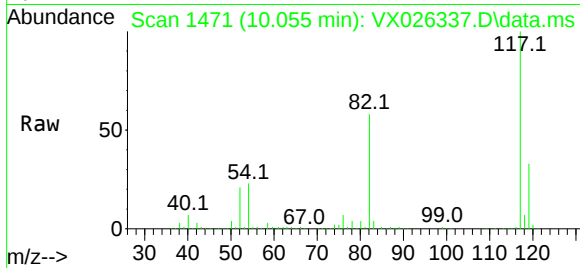




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

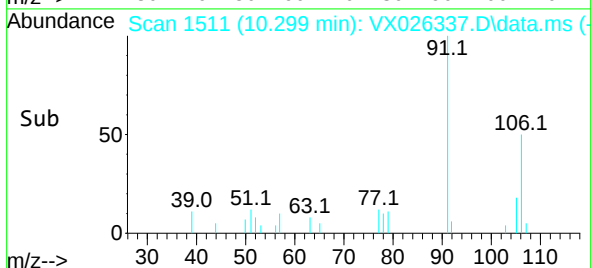
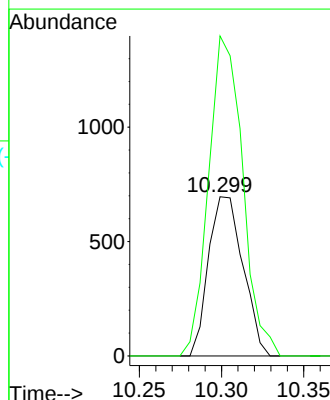
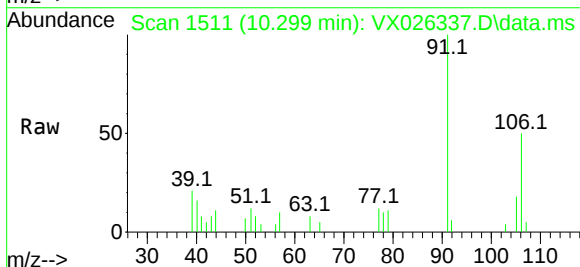
Instrument :
MSVOA_X
ClientSampleId :

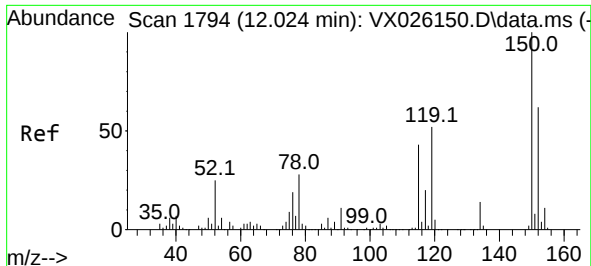
Tgt Ion:117 Resp: 226311
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.6
119 32.5 25.2 37.8



#68
m/p-Xylenes
Concen: 0.306 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

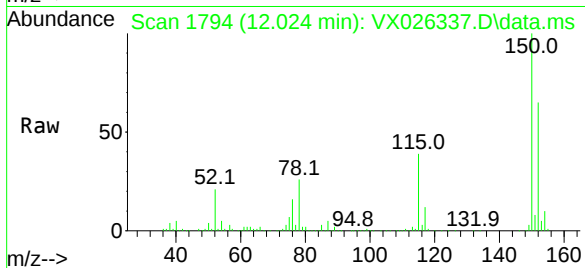
Tgt Ion:106 Resp: 1017
Ion Ratio Lower Upper
106 100
91 198.5 158.6 238.0



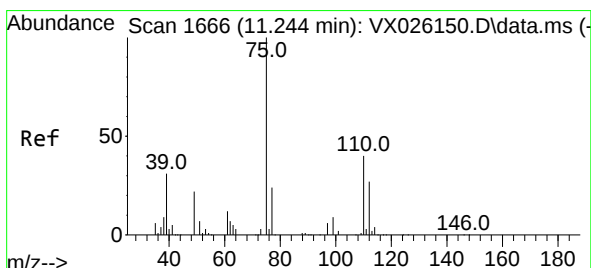
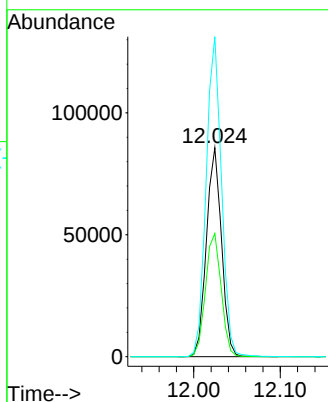
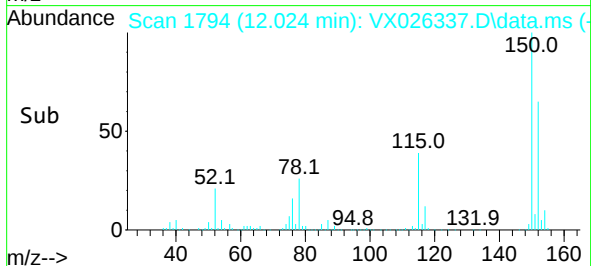


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026337.D
 Acq: 05 Jan 2022 21:01

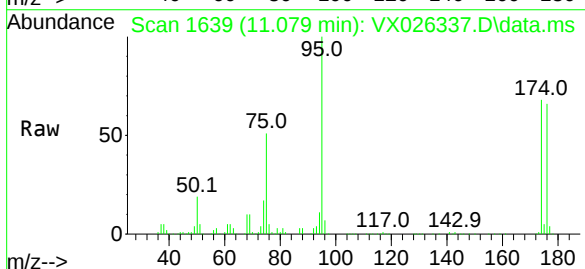
Instrument :
 MSVOA_X
 ClientSampleId :



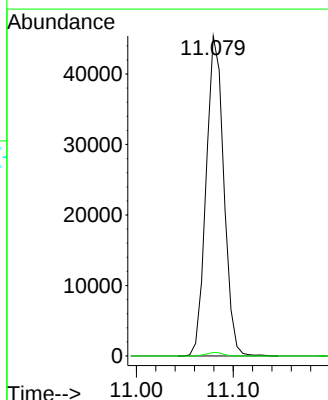
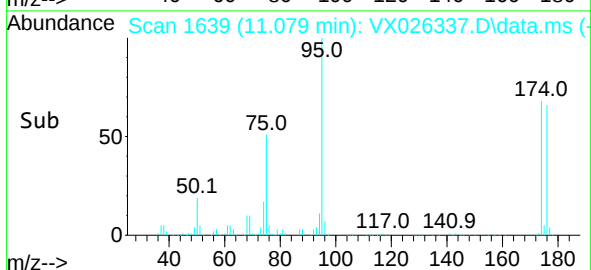
Tgt Ion:152 Resp: 103911
 Ion Ratio Lower Upper
 152 100
 115 61.1 41.3 123.9
 150 155.2 0.0 351.8

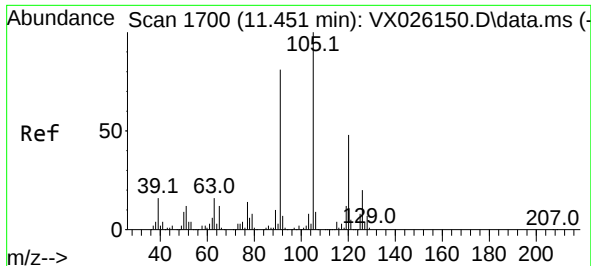


#76
 1,2,3-Trichloropropane
 Concen: 22.979 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026337.D
 Acq: 05 Jan 2022 21:01



Tgt Ion: 75 Resp: 57634
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#

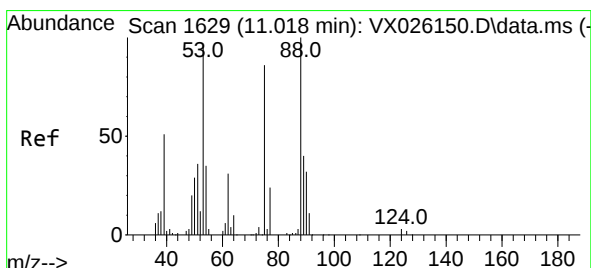
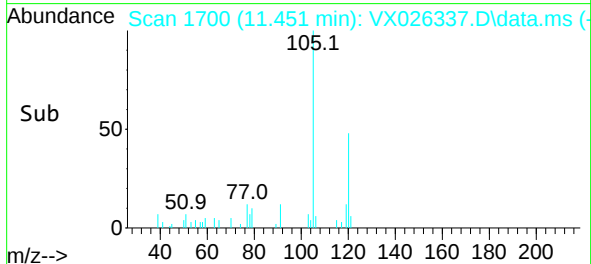
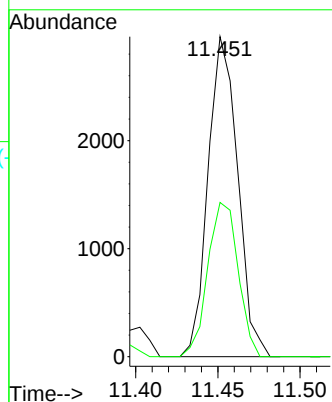
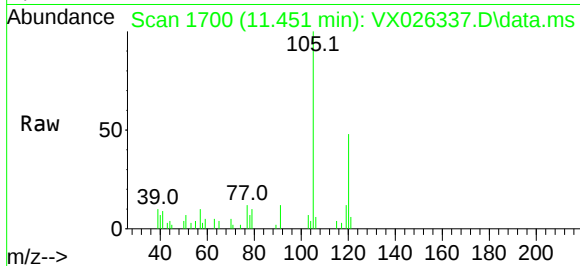




#80
1,3,5-Trimethylbenzene
Concen: 0.554 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

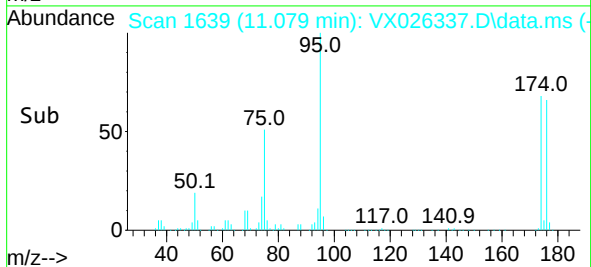
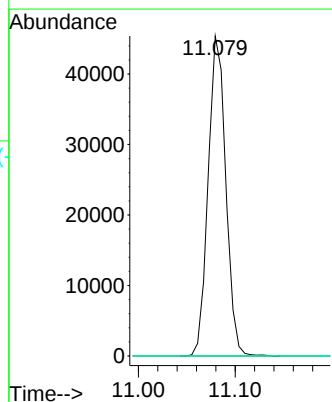
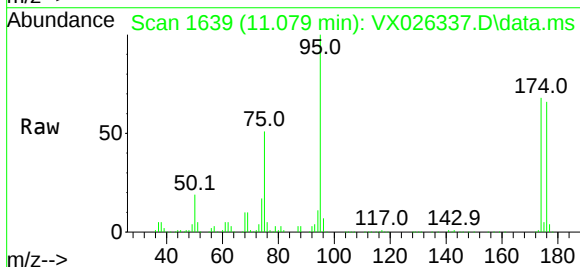
Instrument :
MSVOA_X
ClientSampleId :

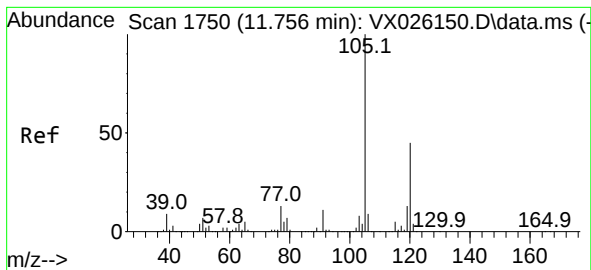
Tgt Ion:105 Resp: 3711
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 66.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026337.D
Acq: 05 Jan 2022 21:01

Tgt Ion: 75 Resp: 57634
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.241 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

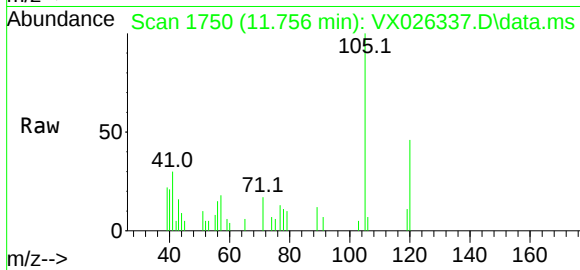
Lab File: VX026337.D

Acq: 05 Jan 2022 21:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:105 Resp: 1613

Ion Ratio Lower Upper

105 100

120 48.0 22.9 68.7

