

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026353.D
 Acq On : 06 Jan 2022 03:57
 Operator : JC/MD
 Sample : N1019-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 05:06:06 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

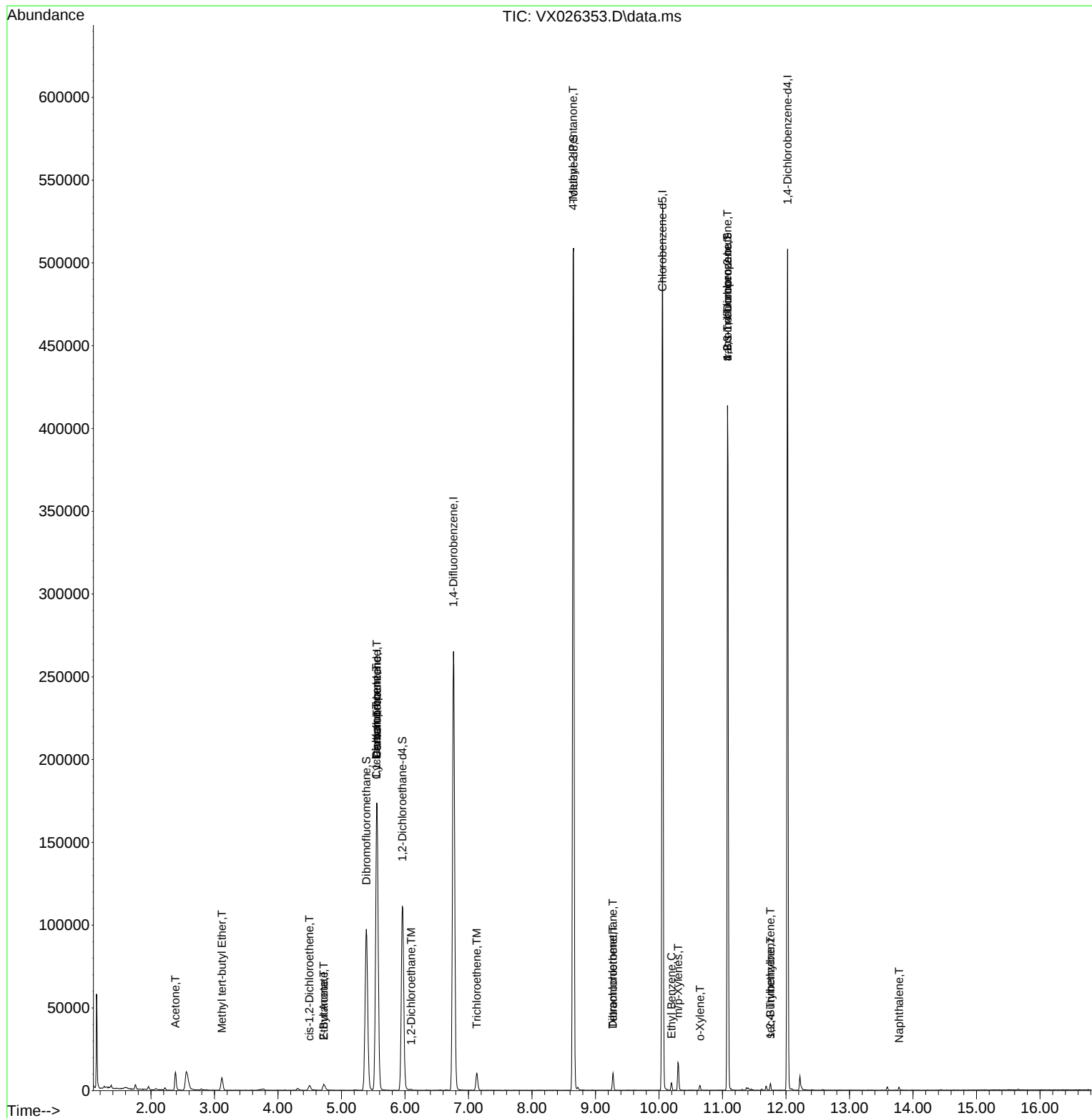
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	156983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114334	50.343	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.680%		
35) Dibromofluoromethane	5.391	113	84663	49.121	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.240%		
50) Toluene-d8	8.653	98	304664	47.522	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.040%		
62) 4-Bromofluorobenzene	11.079	95	112959	49.495	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.000%		
Target Compounds						Qvalue
16) Acetone	2.386	43	12533	10.185	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	7959	1.311	ug/l	96
20) Methylene Chloride	2.794	84	259	Below Cal	#	83
25) 2-Butanone	4.721	43	6394	3.730	ug/l #	49
27) cis-1,2-Dichloroethene	4.495	96	1906	0.883	ug/l	96
31) Cyclohexane	5.550	56	3587	1.109	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13322	4.792	ug/l #	49
37) Ethyl Acetate	4.721	43	6414	1.990	ug/l	99
38) Carbon Tetrachloride	5.556	117	16805	5.435	ug/l #	16
42) 1,2-Dichloroethane	6.099	62	727	0.226	ug/l #	74
44) Trichloroethene	7.129	130	3942	1.846	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1439	0.440	ug/l #	1
60) Dibromochloromethane	9.275	129	1954	0.859	ug/l #	11
64) Tetrachloroethene	9.275	164	1932	1.007	ug/l	95
67) Ethyl Benzene	10.195	91	2726	0.305	ug/l	95
68) m/p-Xylenes	10.299	106	3913	1.174	ug/l	91
69) o-Xylene	10.647	106	699	0.214	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	58797	24.525	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58797	70.952	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	2131	0.333	ug/l	95
85) sec-Butylbenzene	11.756	105	2131	0.275	ug/l #	56
95) Naphthalene	13.780	128	1543	0.201	ug/l #	96

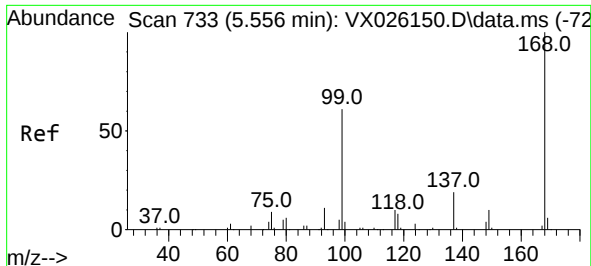
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026353.D
Acq On : 06 Jan 2022 03:57
Operator : JC/MD
Sample : N1019-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

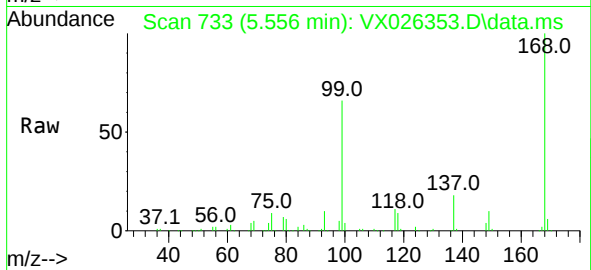
Quant Time: Jan 06 05:06:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



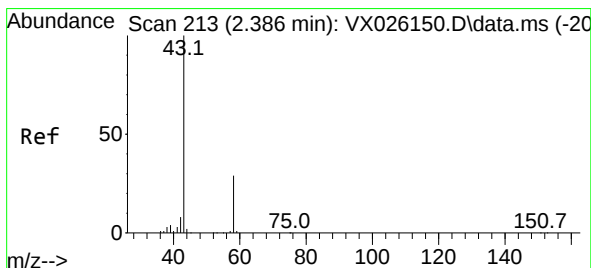
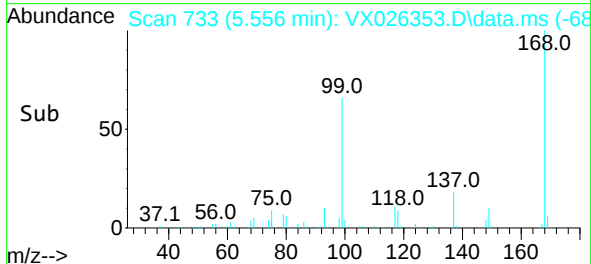
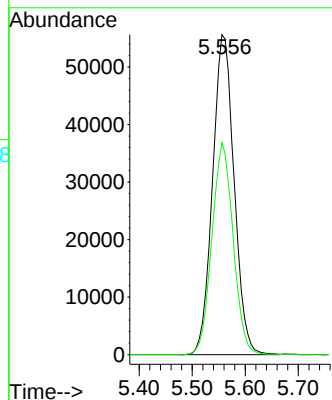


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

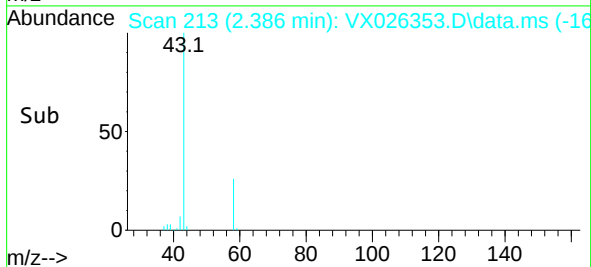
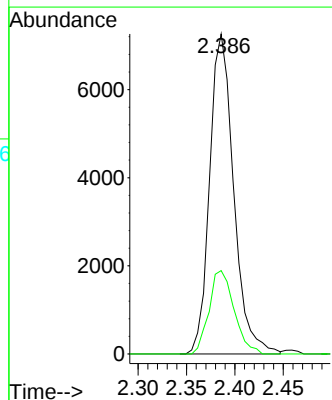
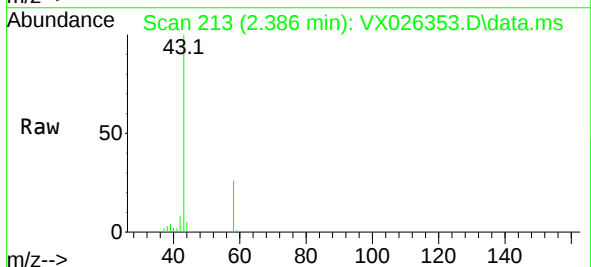


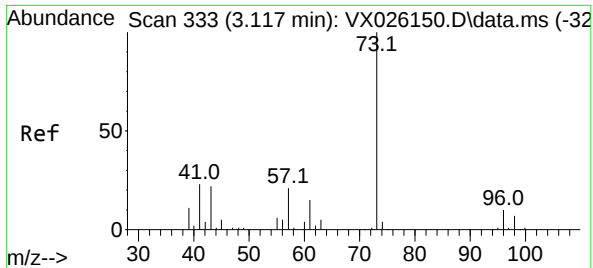
Tgt Ion:168 Resp: 156983
Ion Ratio Lower Upper
168 100
99 66.3 45.8 68.8



#16
Acetone
Concen: 10.185 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Tgt Ion: 43 Resp: 12533
Ion Ratio Lower Upper
43 100
58 26.0 24.8 37.2

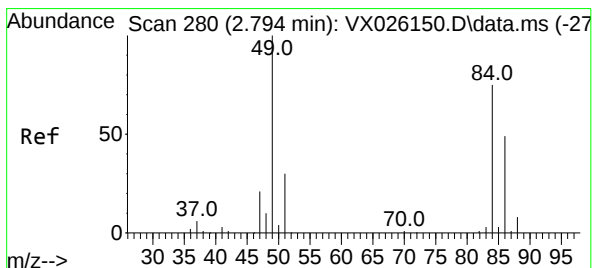
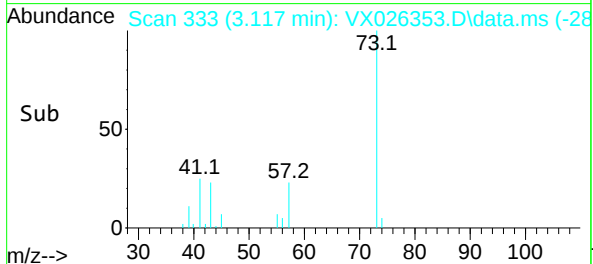
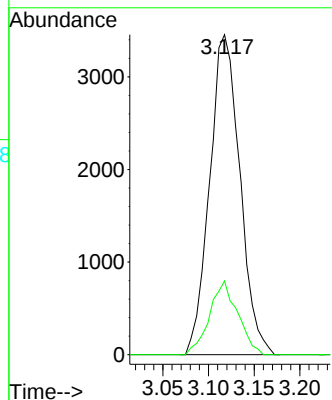
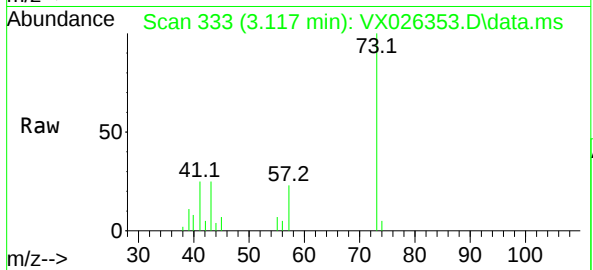




#19
Methyl tert-butyl Ether
Concen: 1.311 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

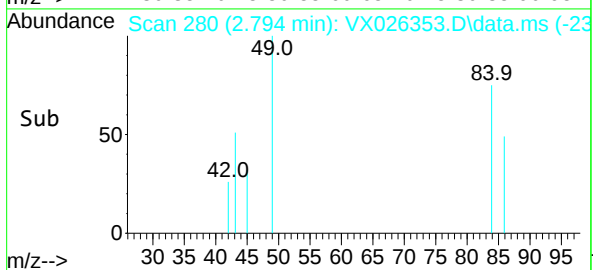
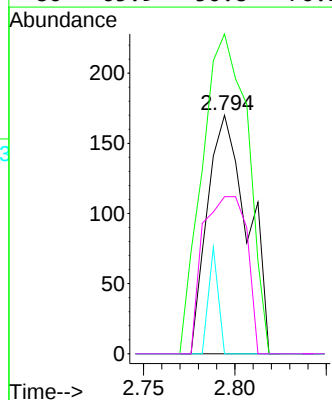
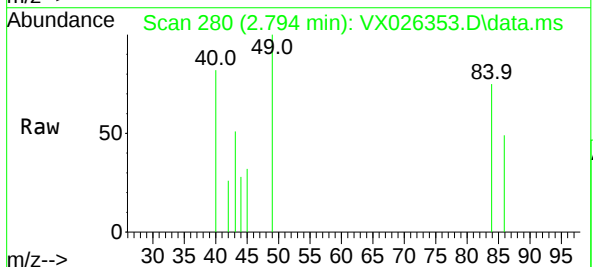
Instrument :
MSVOA_X
ClientSampleId :

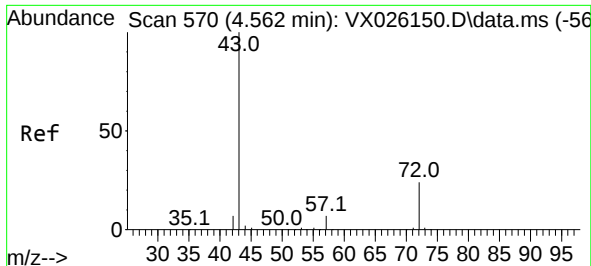
Tgt Ion: 73 Resp: 7959
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Tgt Ion: 84 Resp: 259
Ion Ratio Lower Upper
84 100
49 134.1 97.1 145.7
51 0.0 29.3 43.9#
86 65.9 50.8 76.2

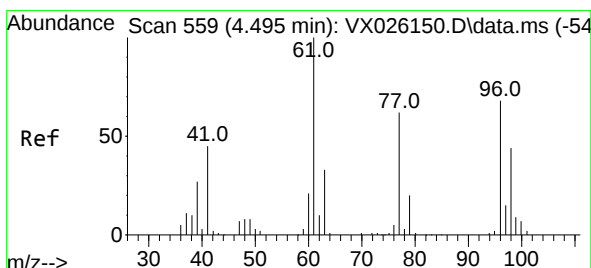
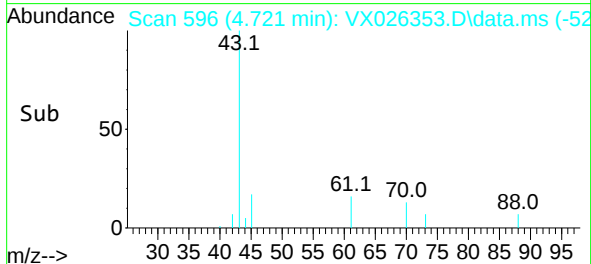
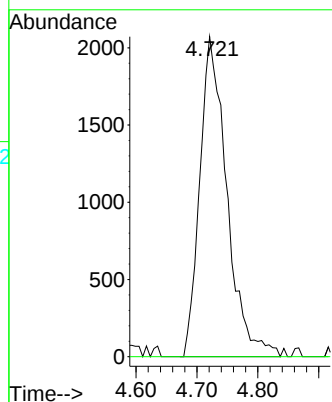
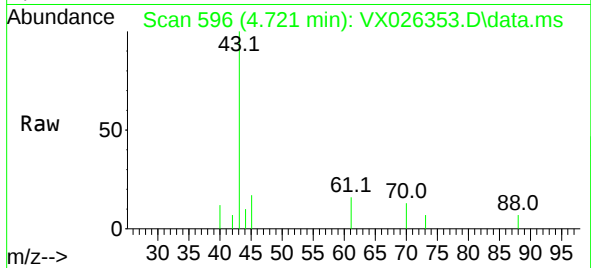




#25
2-Butanone
Concen: 3.730 ug/l
RT: 4.721 min Scan# 51
Delta R.T. 0.159 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

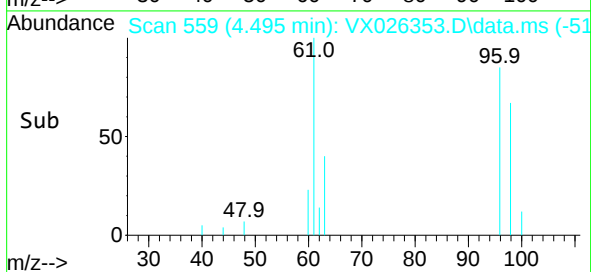
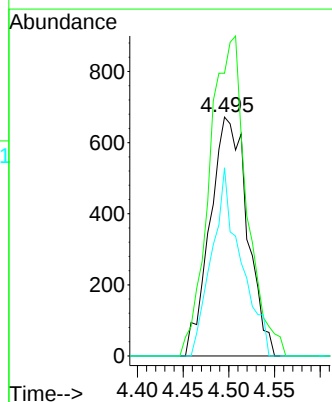
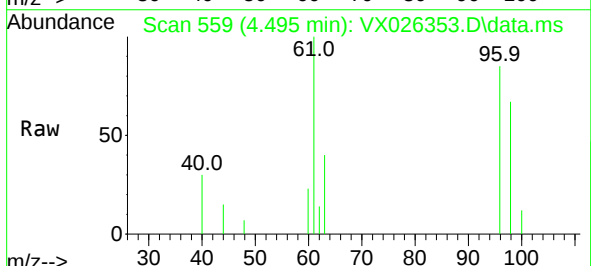
Instrument :
MSVOA_X
ClientSampleId :

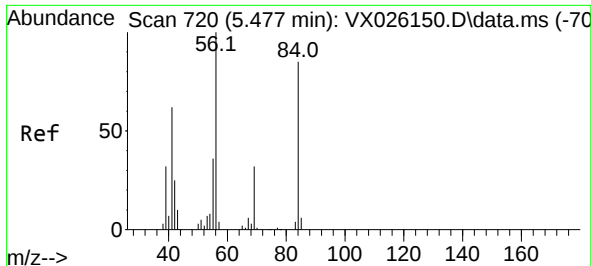
Tgt Ion: 43 Resp: 6394
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#27
cis-1,2-Dichloroethene
Concen: 0.883 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

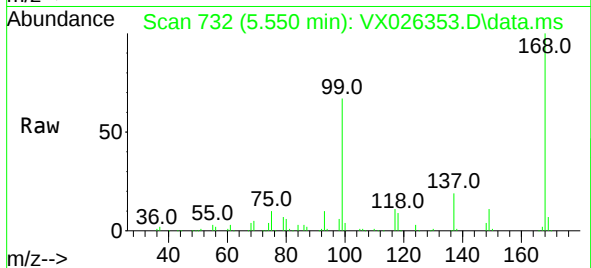
Tgt Ion: 96 Resp: 1906
Ion Ratio Lower Upper
96 100
61 133.7 0.0 276.8
98 61.2 0.0 130.6



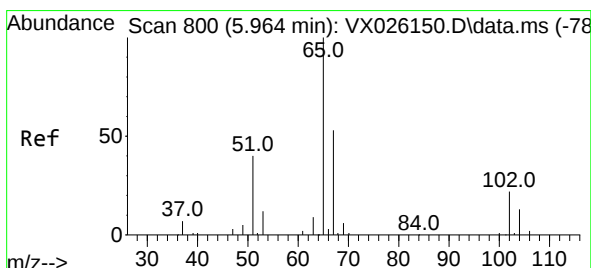
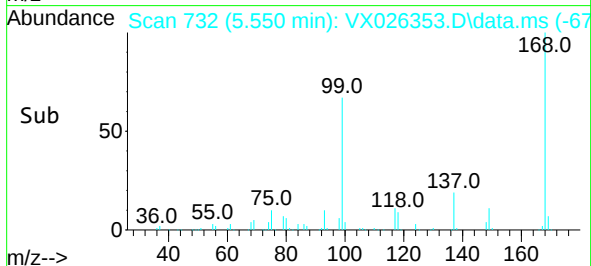
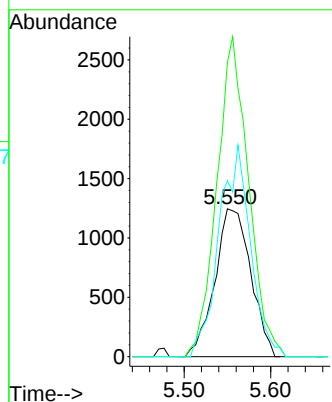


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

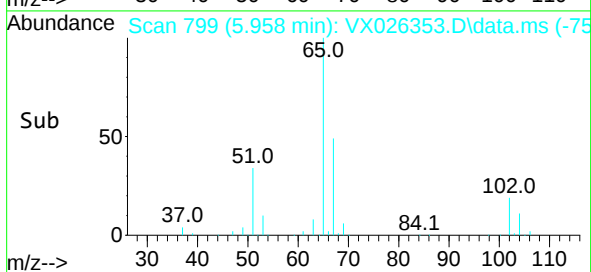
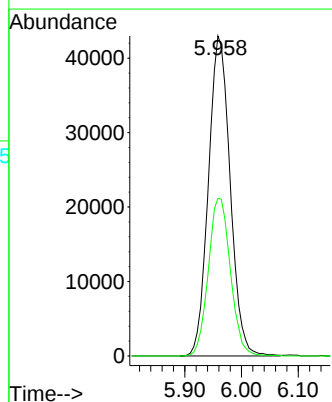
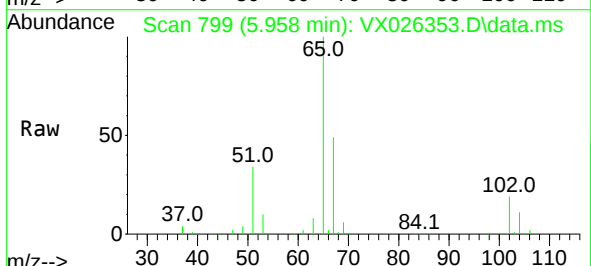


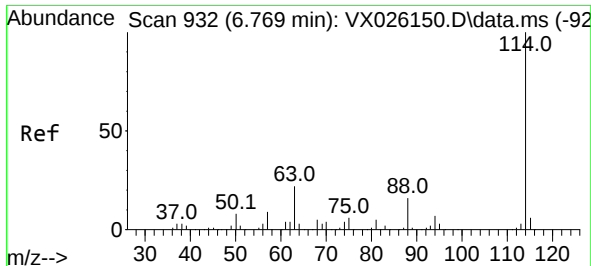
Tgt Ion: 56 Resp: 3587
Ion Ratio Lower Upper
56 100
69 199.0 23.9 35.9#
84 119.1 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 50.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Tgt Ion: 65 Resp: 114334
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4

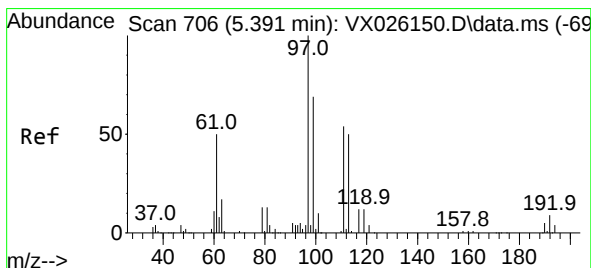
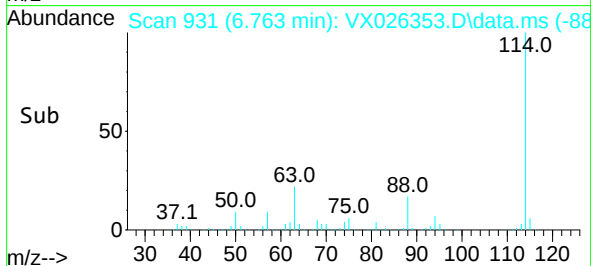
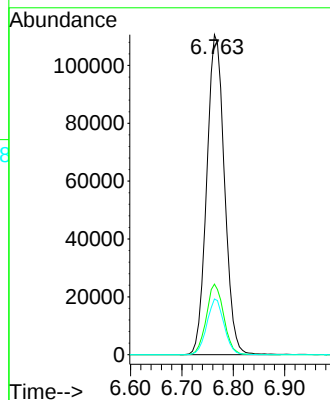
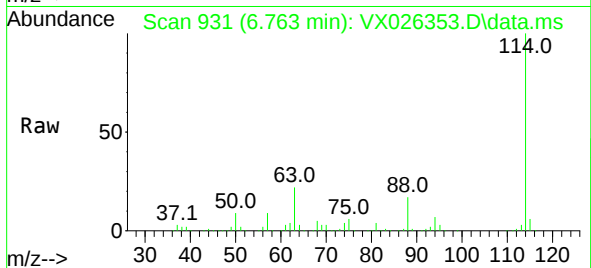




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

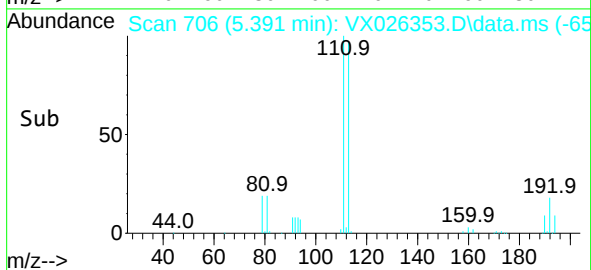
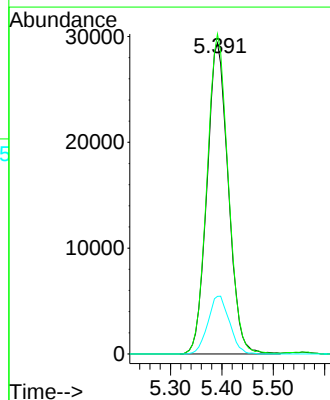
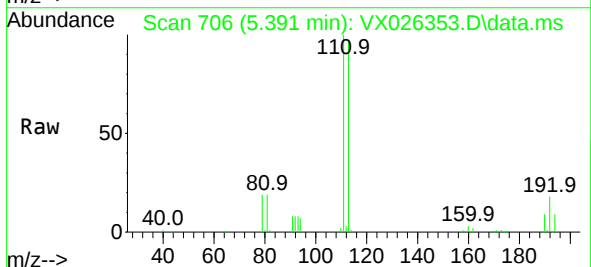
Instrument :
MSVOA_X
ClientSampleId :

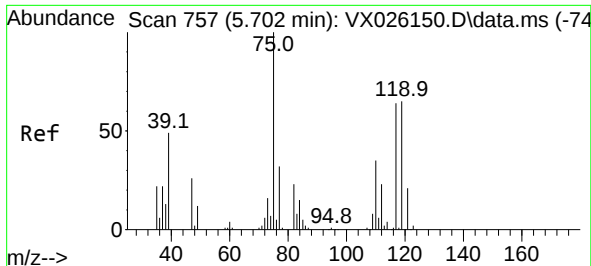
Tgt Ion:114 Resp: 265108
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.0
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.121 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

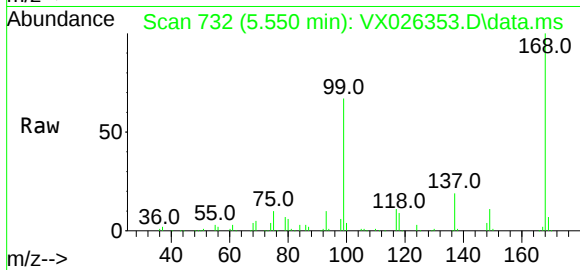
Tgt Ion:113 Resp: 84663
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 18.8 15.0 22.4



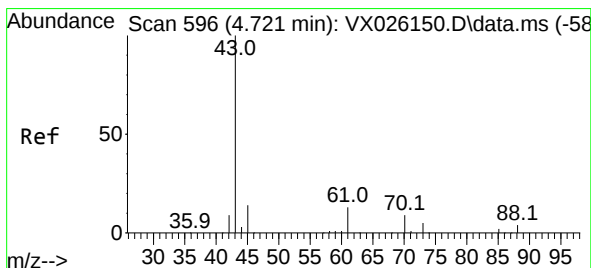
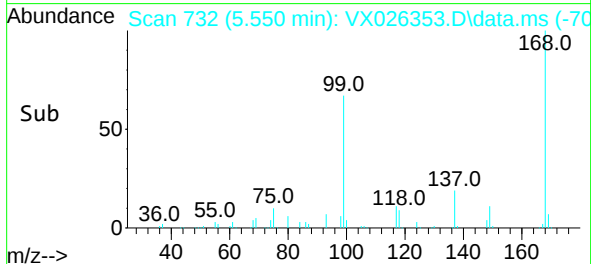
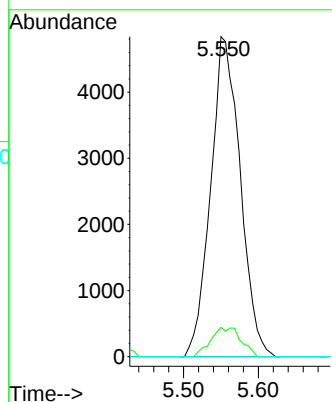


#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

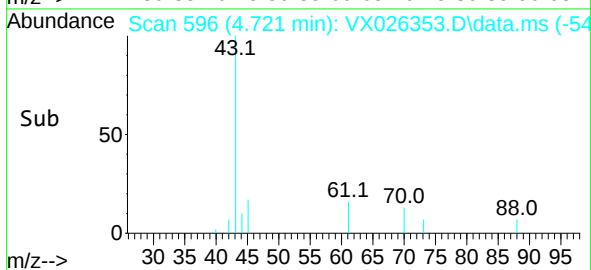
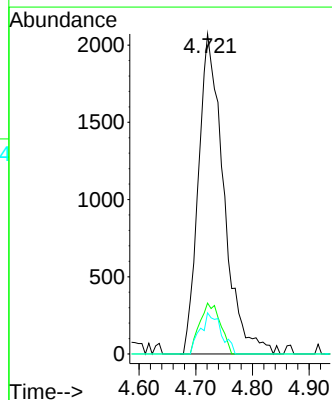
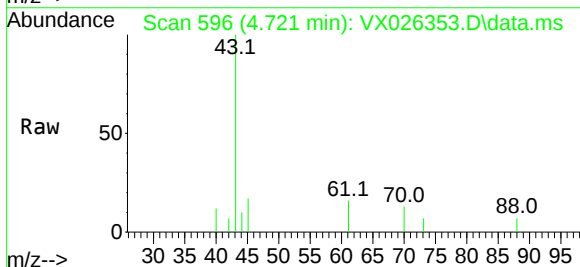


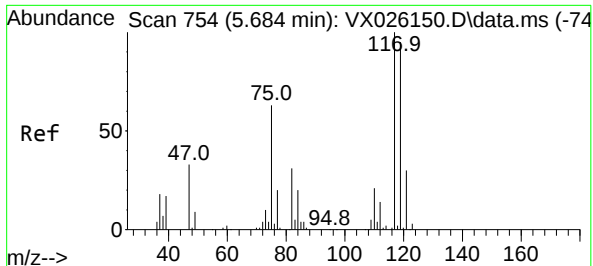
Tgt Ion: 75 Resp: 13322
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.990 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

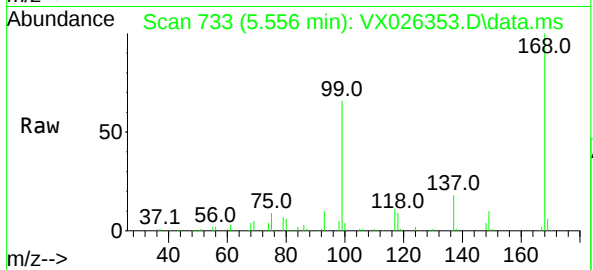
Tgt Ion: 43 Resp: 6414
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 10.6 8.5 12.7



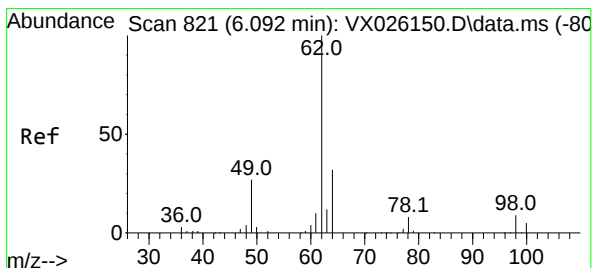
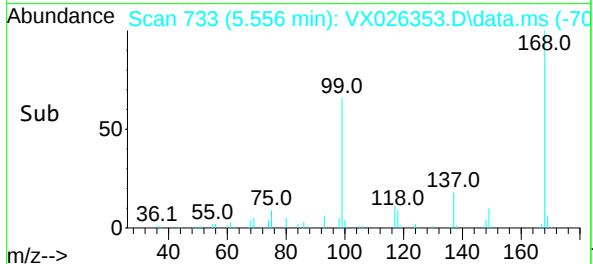
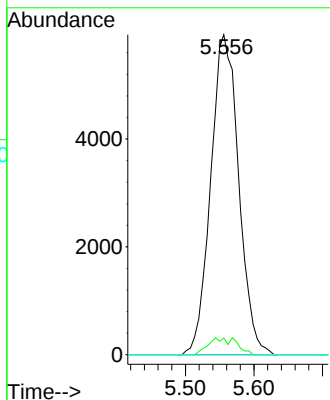


#38
Carbon Tetrachloride
Concen: 5.435 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

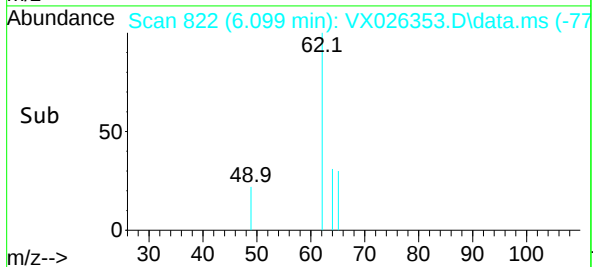
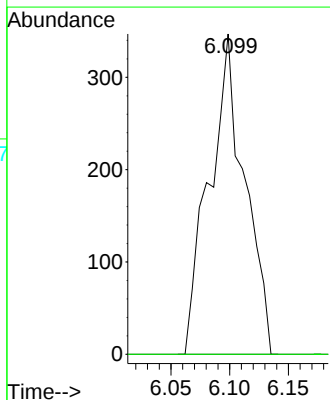
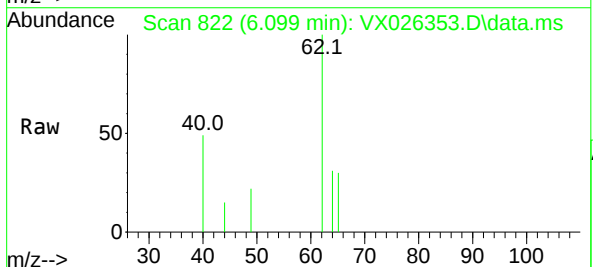


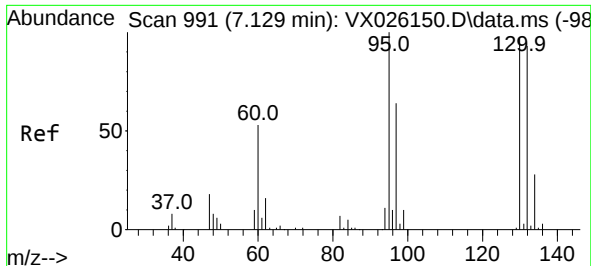
Tgt Ion:117 Resp: 16805
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 0.226 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.007 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

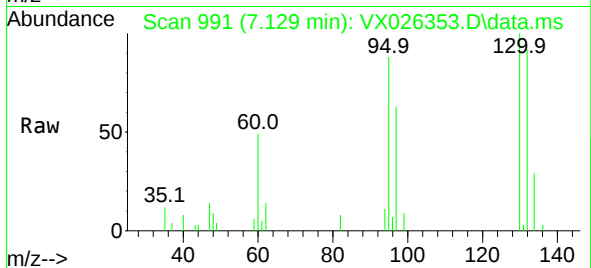
Tgt Ion: 62 Resp: 727
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.8



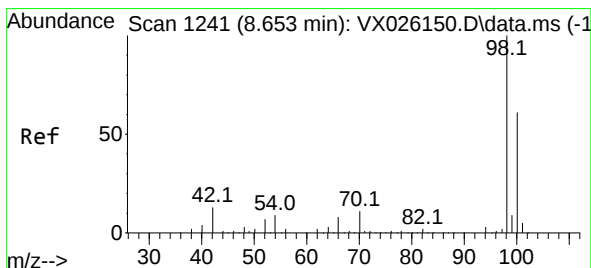
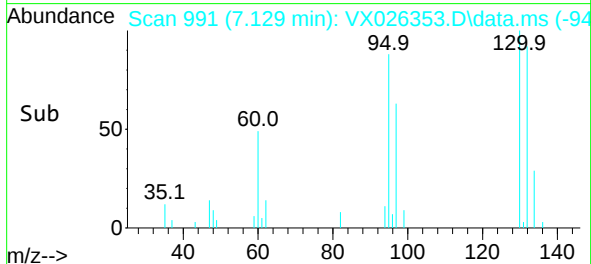
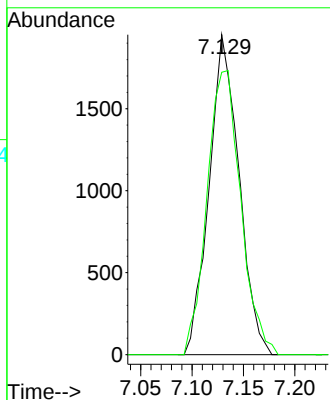


#44
Trichloroethene
Concen: 1.846 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

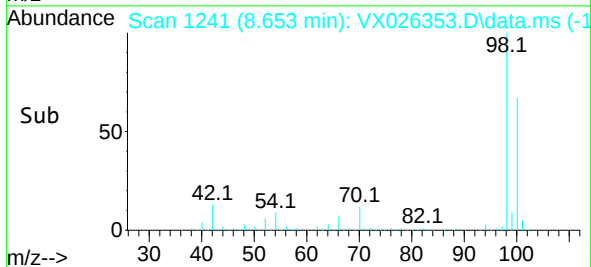
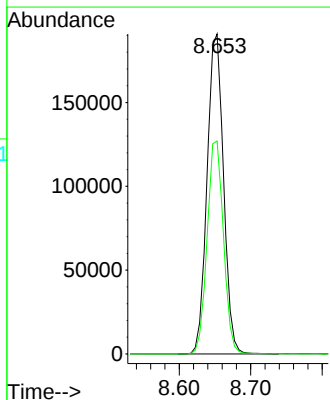
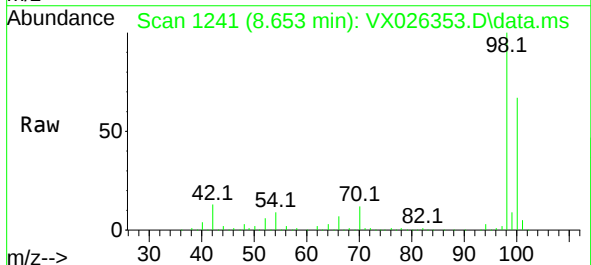


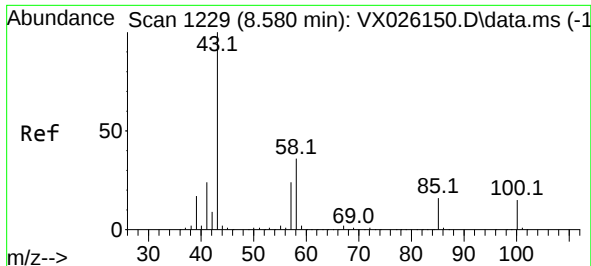
Tgt Ion:130 Resp: 3942
Ion Ratio Lower Upper
130 100
95 88.3 0.0 186.4



#50
Toluene-d8
Concen: 47.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Tgt Ion: 98 Resp: 304664
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.440 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX026353.D

Acq: 06 Jan 2022 03:57

Instrument :

MSVOA_X

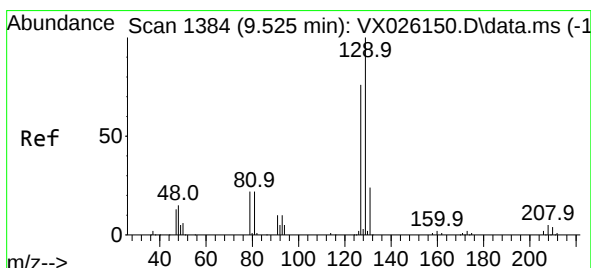
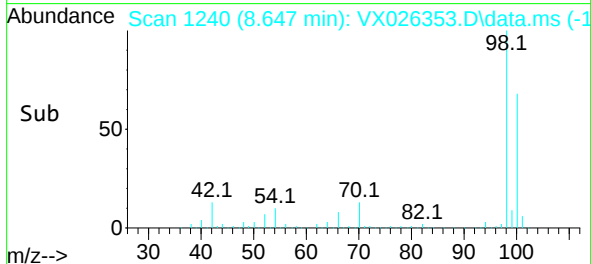
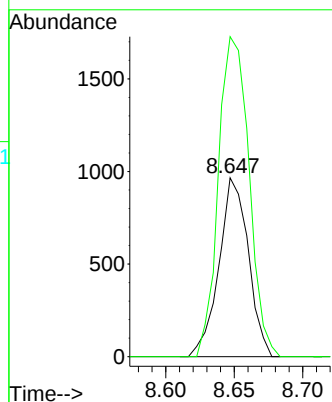
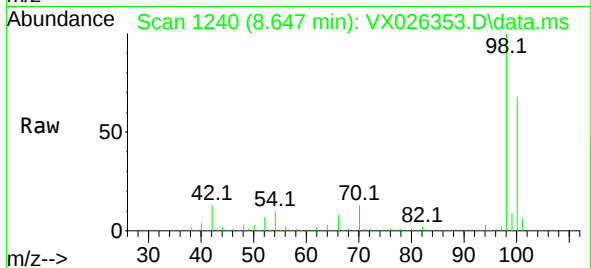
ClientSampleId :

Tgt Ion: 43 Resp: 1439

Ion Ratio Lower Upper

43 100

58 186.4 30.8 46.2#



#60

Dibromochloromethane

Concen: 0.859 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX026353.D

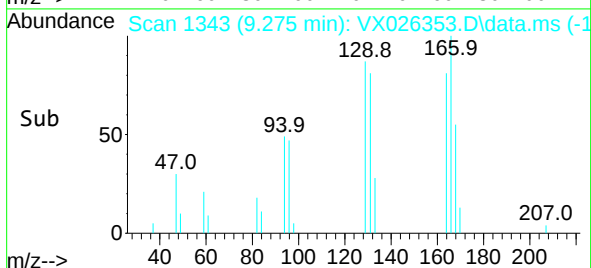
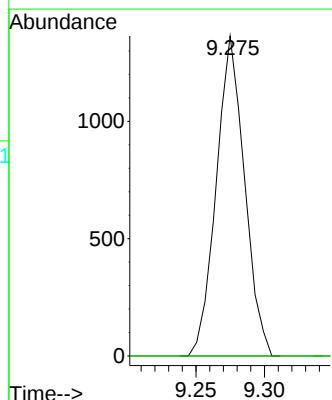
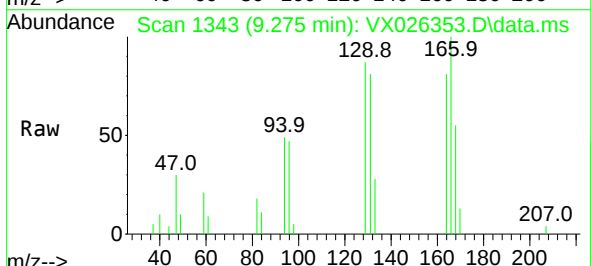
Acq: 06 Jan 2022 03:57

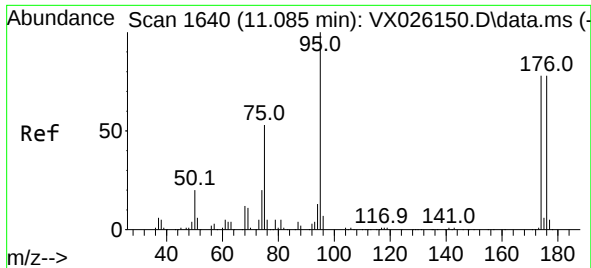
Tgt Ion: 129 Resp: 1954

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.7#

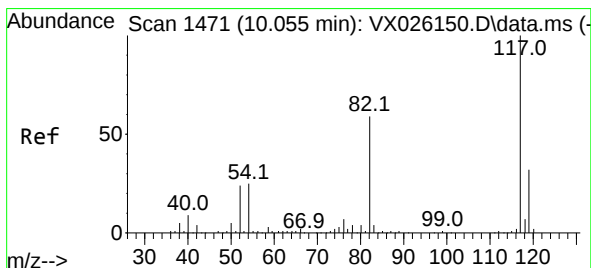
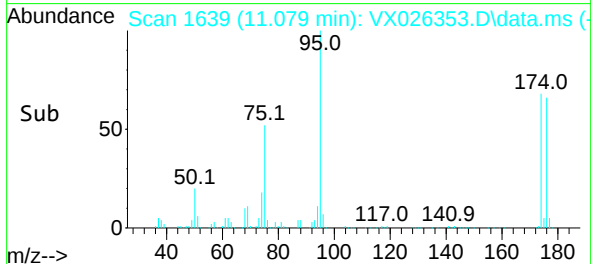
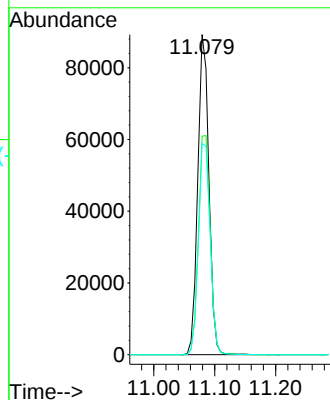
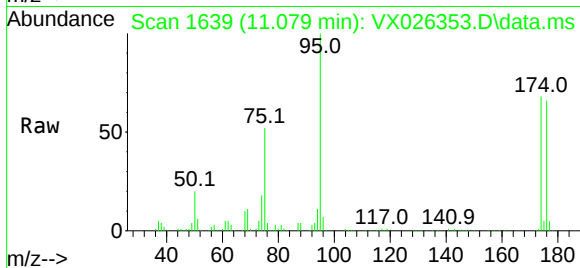




#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

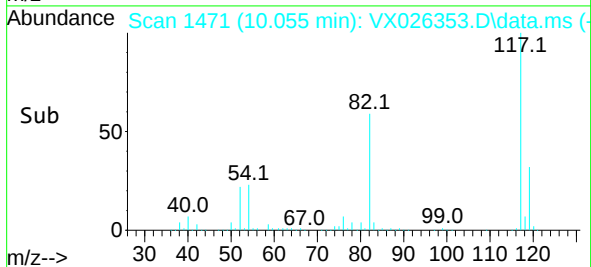
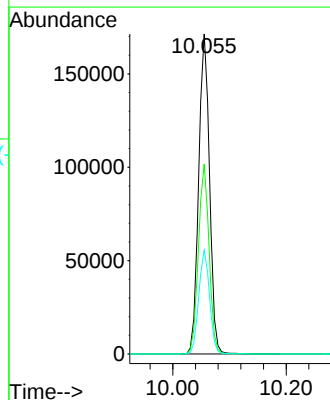
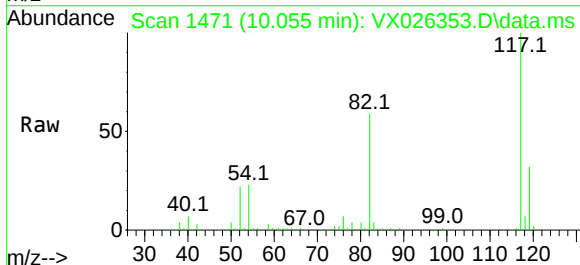
Instrument :
MSVOA_X
ClientSampleId :

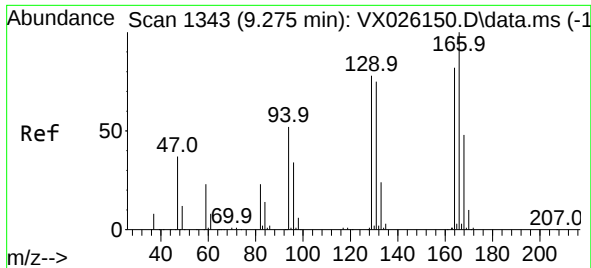
Tgt Ion: 95 Resp: 112959
Ion Ratio Lower Upper
95 100
174 72.8 0.0 157.4
176 69.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

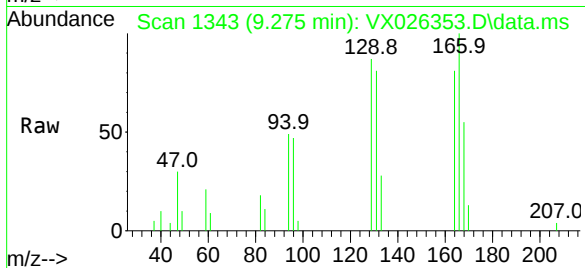
Tgt Ion: 117 Resp: 227306
Ion Ratio Lower Upper
117 100
82 59.4 43.8 65.6
119 32.4 25.2 37.8



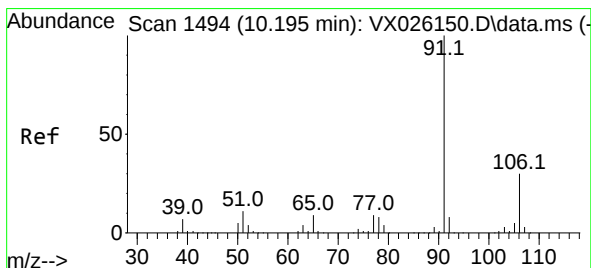
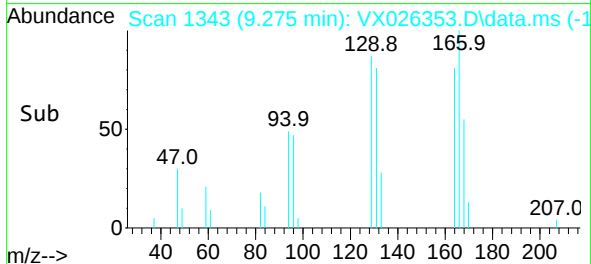
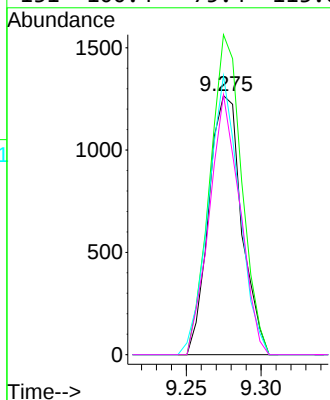


#64
Tetrachloroethene
Concen: 1.007 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

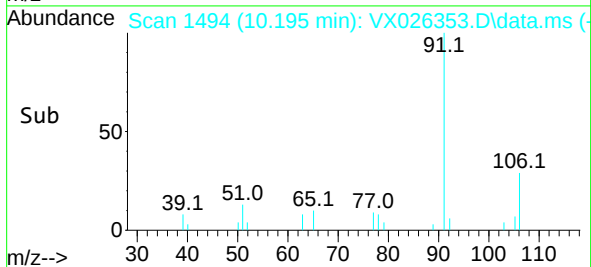
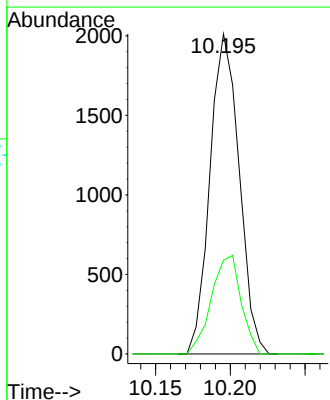
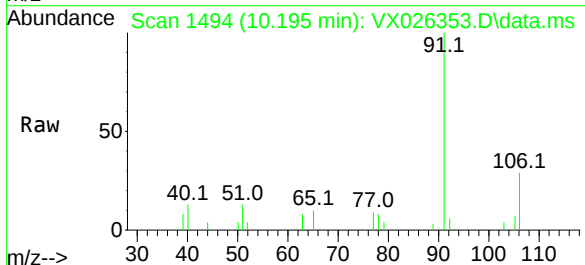


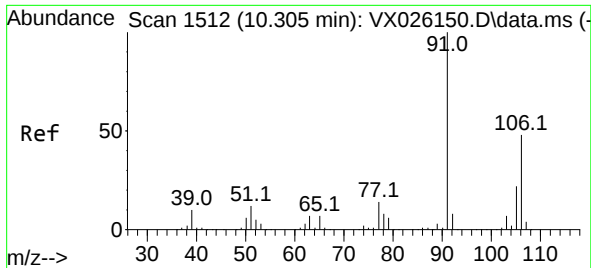
Tgt Ion:164	Resp:	1932
Ion	Ratio	Lower Upper
164	100	
166	123.5	99.4 149.0
129	107.7	78.6 118.0
131	100.4	75.4 113.0



#67
Ethyl Benzene
Concen: 0.305 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Tgt Ion: 91	Resp:	2726
Ion	Ratio	Lower Upper
91	100	
106	29.3	25.7 38.5

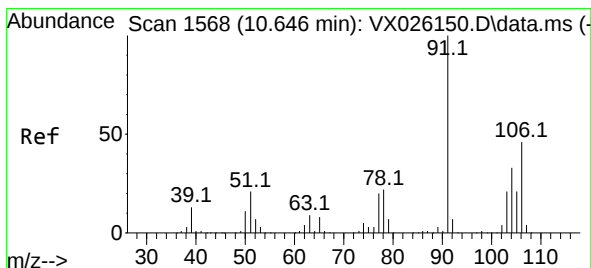
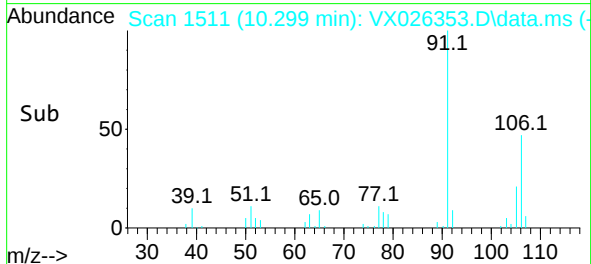
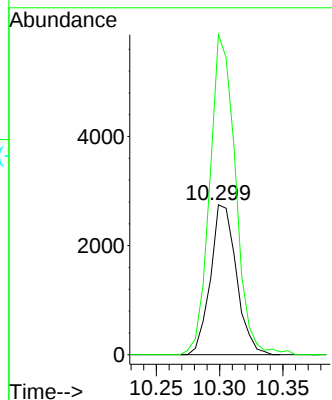
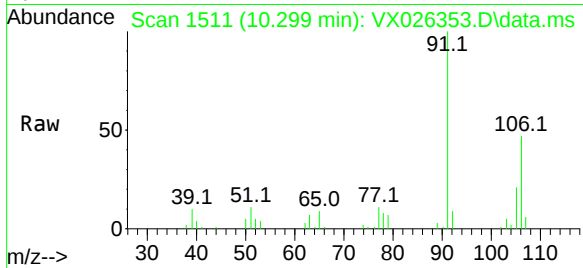




#68
m/p-Xylenes
Concen: 1.174 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

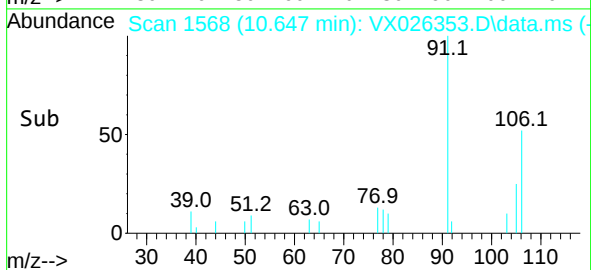
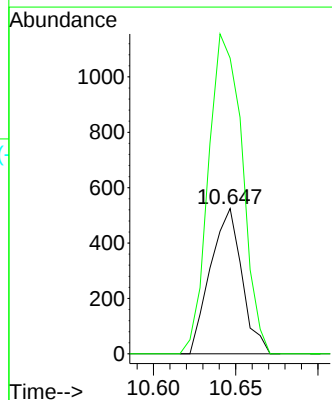
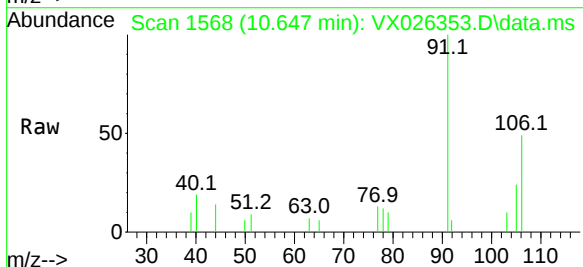
Instrument :
MSVOA_X
ClientSampleId :

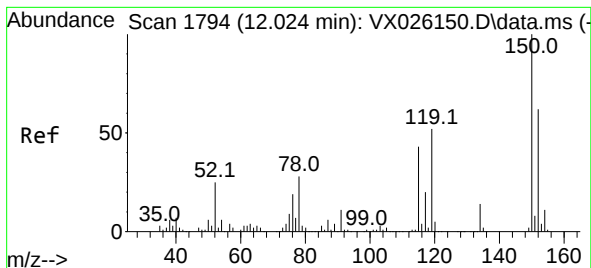
Tgt Ion:106 Resp: 3913
Ion Ratio Lower Upper
106 100
91 212.0 158.6 238.0



#69
o-Xylene
Concen: 0.214 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

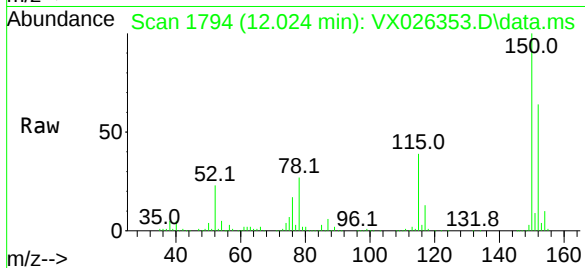
Tgt Ion:106 Resp: 699
Ion Ratio Lower Upper
106 100
91 236.5 105.5 316.4



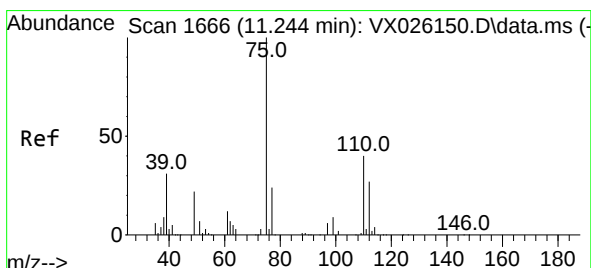
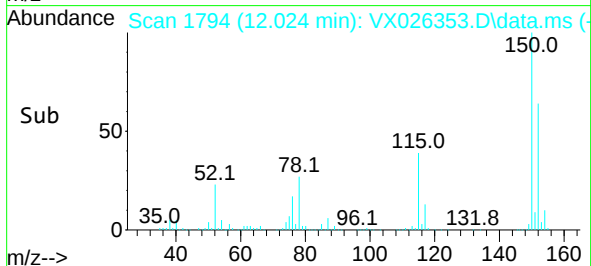
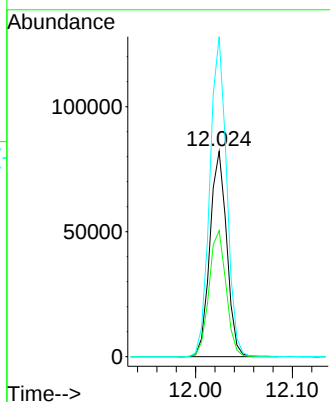


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026353.D
 Acq: 06 Jan 2022 03:57

Instrument :
 MSVOA_X
 ClientSampleId :

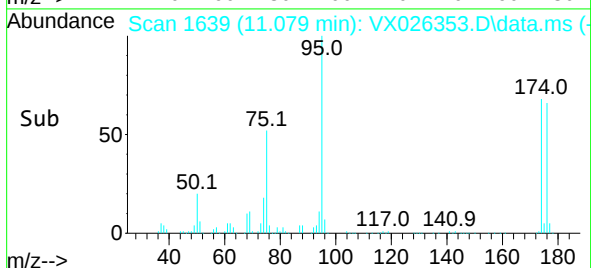
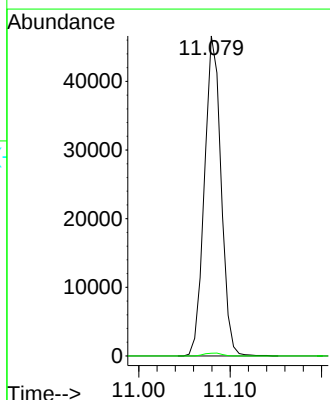
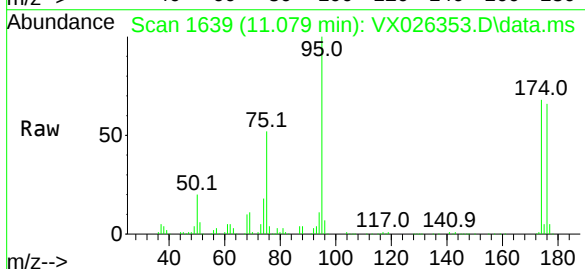


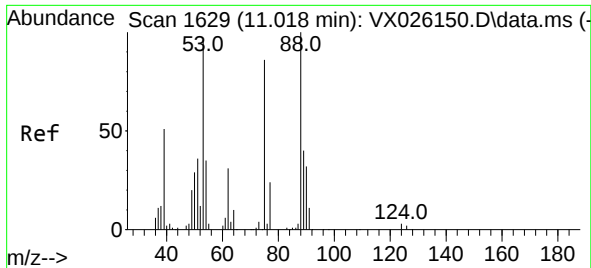
Tgt Ion:152 Resp: 99322
 Ion Ratio Lower Upper
 152 100
 115 62.5 41.3 123.9
 150 156.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.525 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026353.D
 Acq: 06 Jan 2022 03:57

Tgt Ion: 75 Resp: 58797
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#

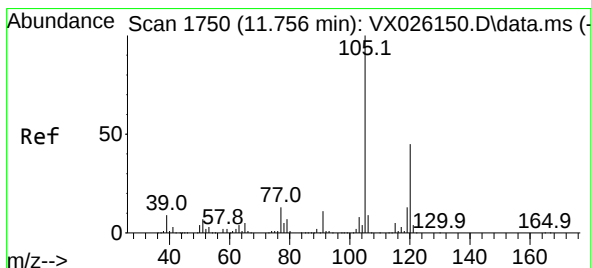
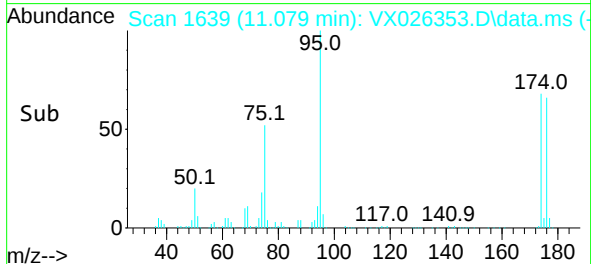
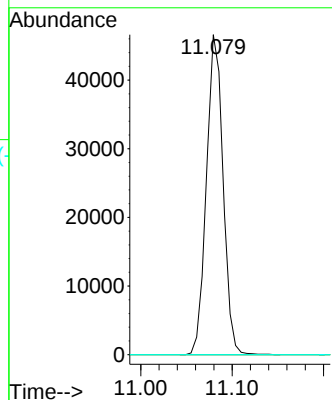
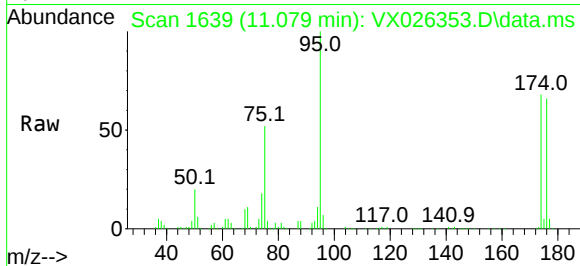




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.952 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026353.D
 Acq: 06 Jan 2022 03:57

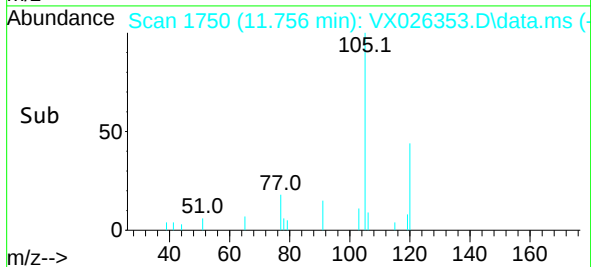
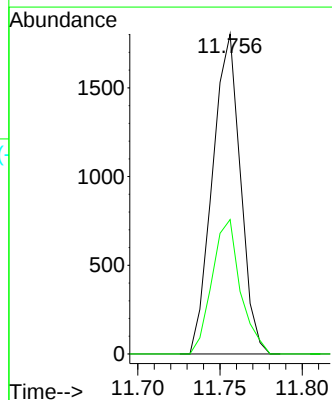
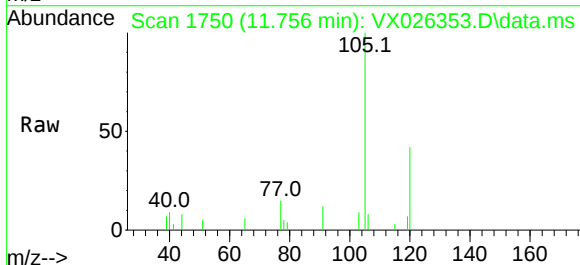
Instrument :
 MSVOA_X
 ClientSampleId :

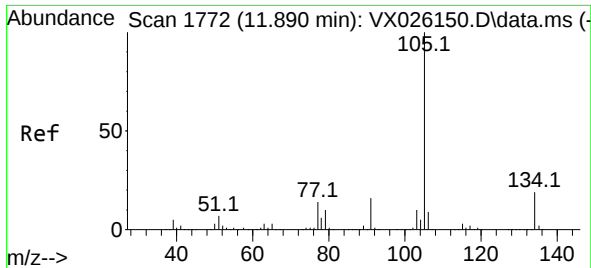
Tgt Ion: 75 Resp: 58797
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.333 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX026353.D
 Acq: 06 Jan 2022 03:57

Tgt Ion: 105 Resp: 2131
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.9 68.7

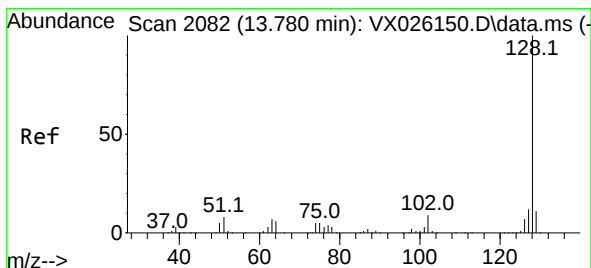
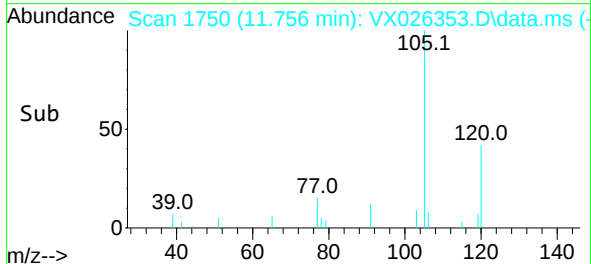
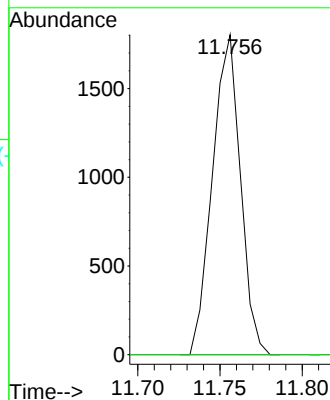
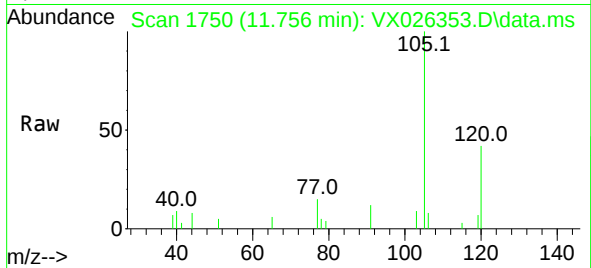




#85
sec-Butylbenzene
Concen: 0.275 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.134 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2131
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#



#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026353.D
Acq: 06 Jan 2022 03:57

Tgt Ion:128 Resp: 1543
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 7.8 8.8 13.2#

