

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024103.D
 Acq On : 03 Sep 2021 15:29
 Operator : JC/MD
 Sample : M3646-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:29:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

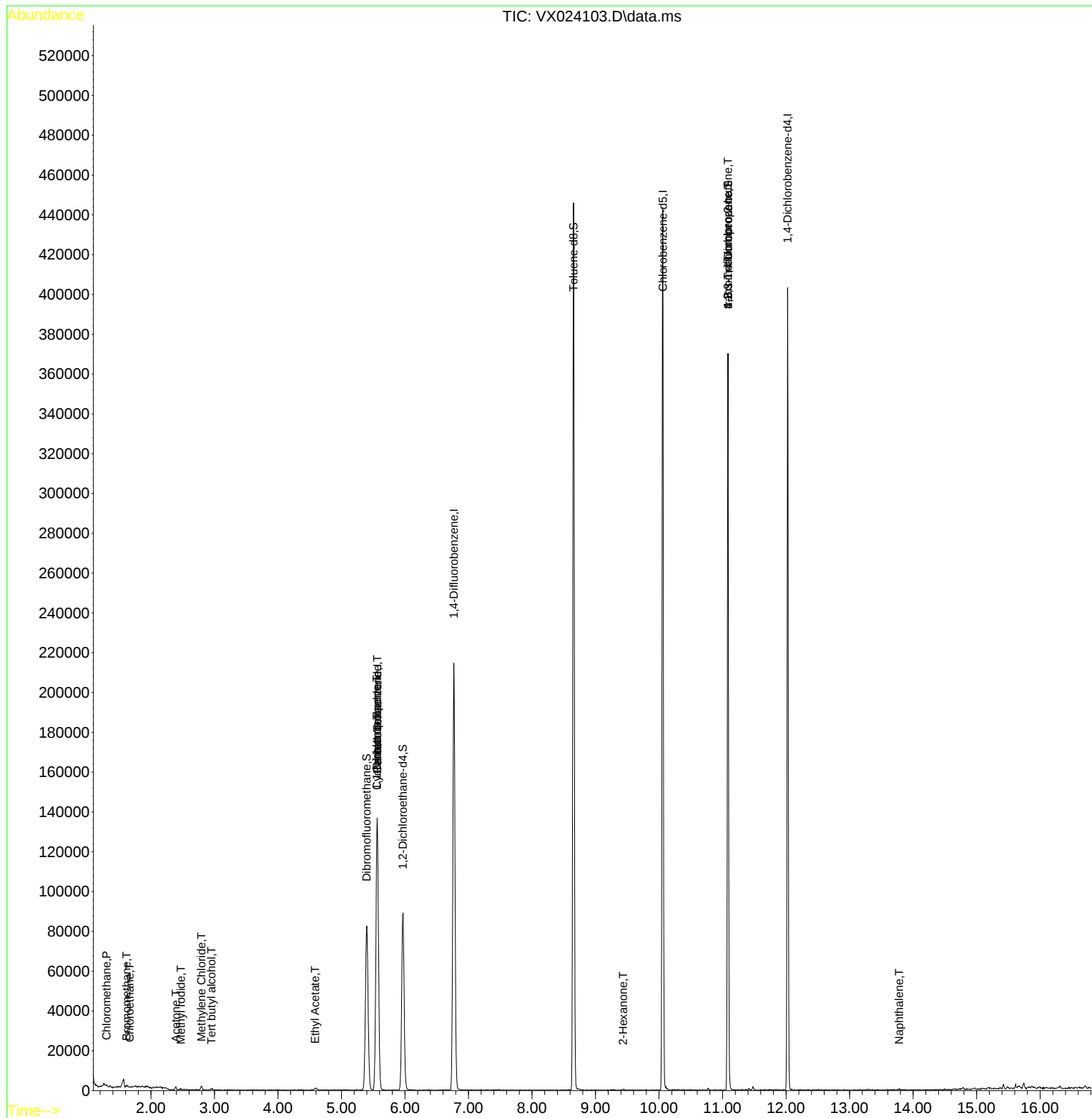
Internal Standards						
1) Pentafluorobenzene	5.562	168	126082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	197655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91124	51.784	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.560%	
35) Dibromofluoromethane	5.397	113	69530	50.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	8.653	98	257976	48.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	11.085	95	90252	46.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	342	0.234	ug/l #	82
5) Bromomethane	1.617	94	586	0.654	ug/l #	64
6) Chloroethane	1.666	64	127	2.320	ug/l #	43
10) Methyl Iodide	2.471	142	647	0.367	ug/l #	79
11) Tert butyl alcohol	2.953	59	600	1.686	ug/l #	73
16) Acetone	2.392	43	1651	2.098	ug/l	98
20) Methylene Chloride	2.794	84	882	0.587	ug/l	87
31) Cyclohexane	5.556	56	2810	1.243	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	9903	5.093	ug/l #	50
37) Ethyl Acetate	4.586	43	511	0.214	ug/l #	64
38) Carbon Tetrachloride	5.562	117	13009	6.416	ug/l #	16
59) 2-Hexanone	9.433	43	393	0.212	ug/l	75
76) 1,2,3-Trichloropropane	11.085	75	49702	27.188	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	49702	79.974	ug/l #	12
95) Naphthalene	13.780	128	573	1.380	ug/l #	74

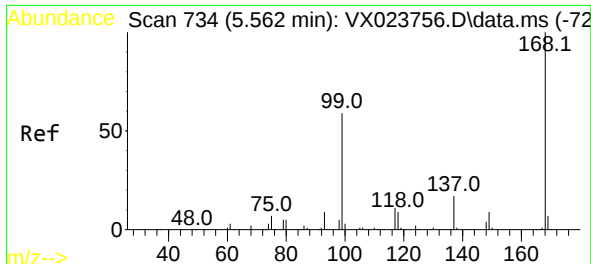
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Sep 04 01:29:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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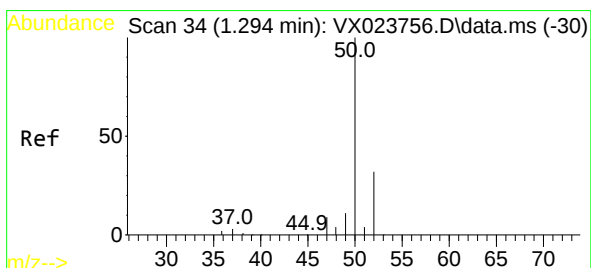
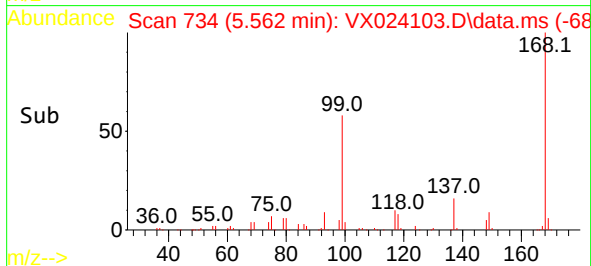
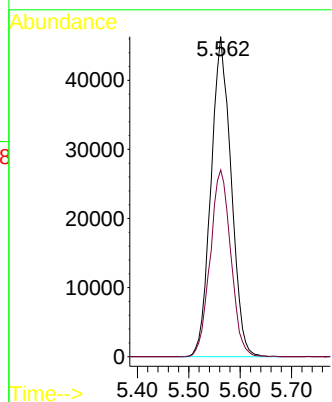
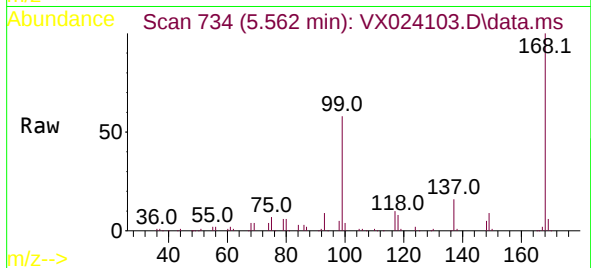




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

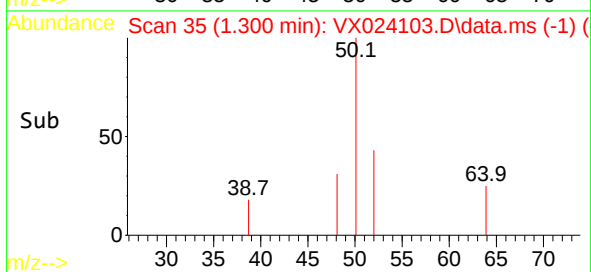
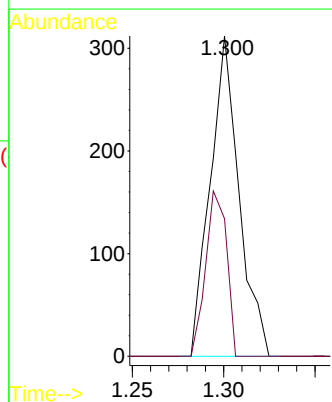
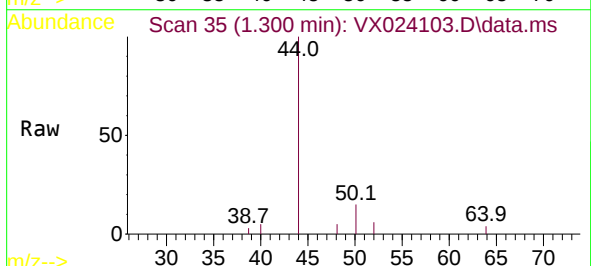
Instrument :
MSVOA_X
ClientSampled :

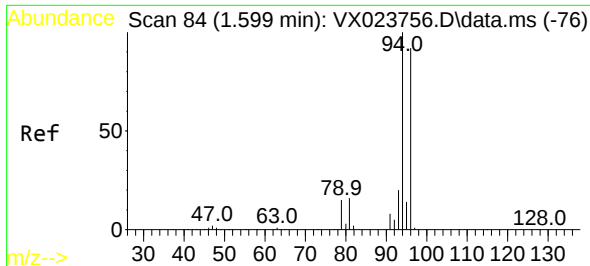
Tgt Ion:168 Resp: 126082
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 42.9 26.4 39.6#

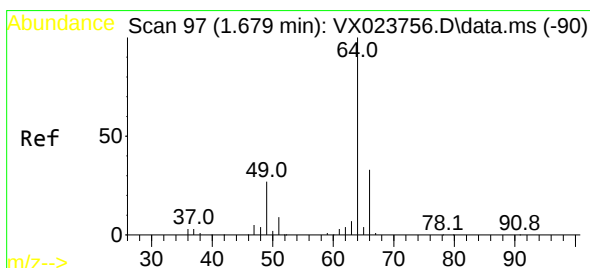
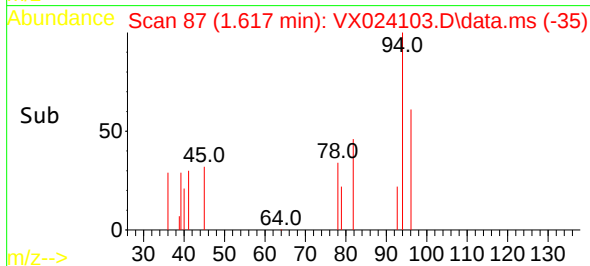
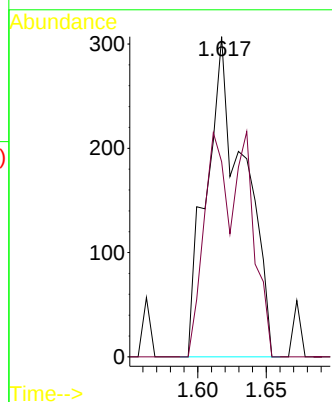
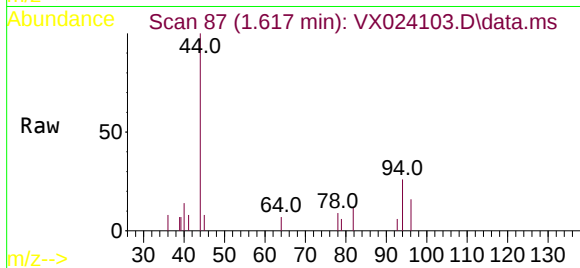




#5
Bromomethane
Concen: 0.654 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

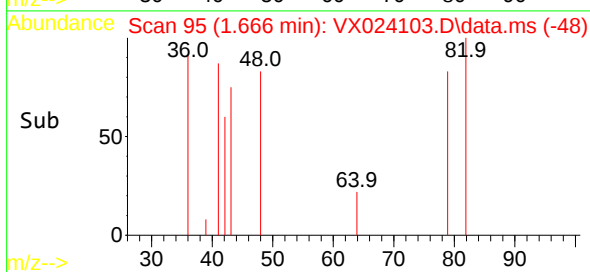
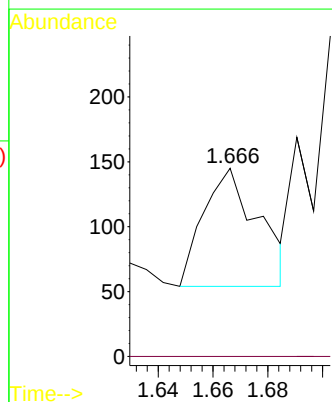
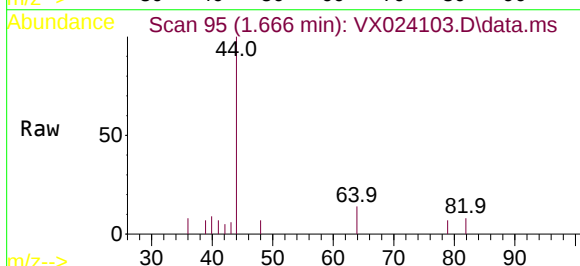
Instrument :
MSVOA_X
ClientSampled :

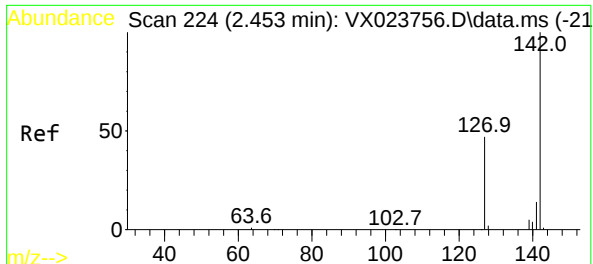
Tgt Ion: 94 Resp: 586
Ion Ratio Lower Upper
94 100
96 60.9 76.4 114.6#



#6
Chloroethane
Concen: 2.320 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

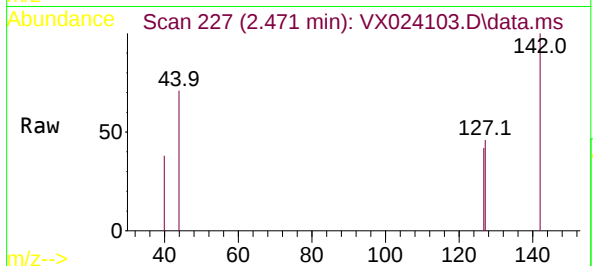
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



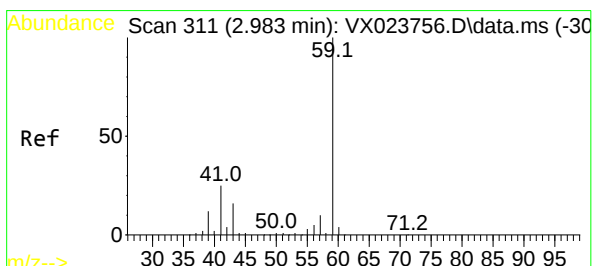
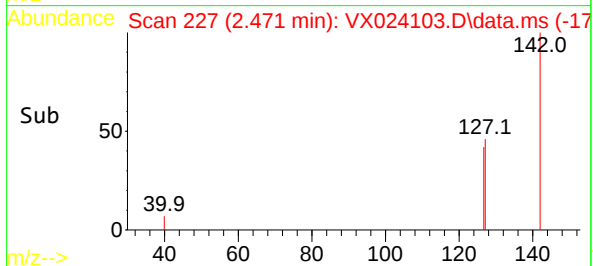
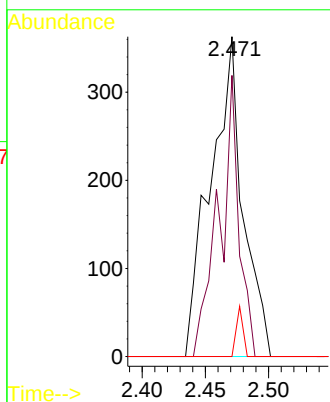


#10
Methyl Iodide
Concen: 0.367 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Instrument :
MSVOA_X
ClientSampled :

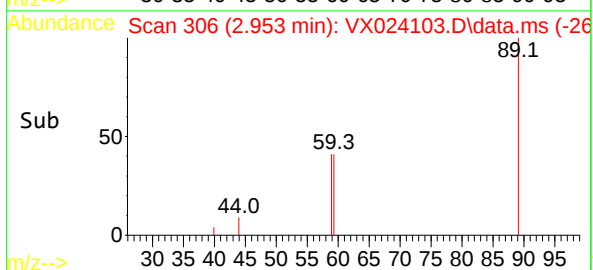
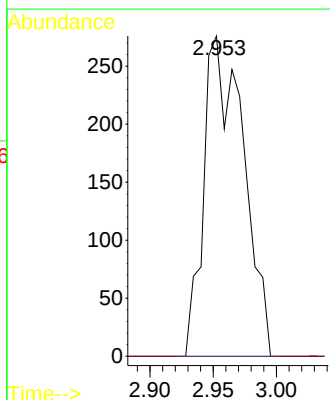
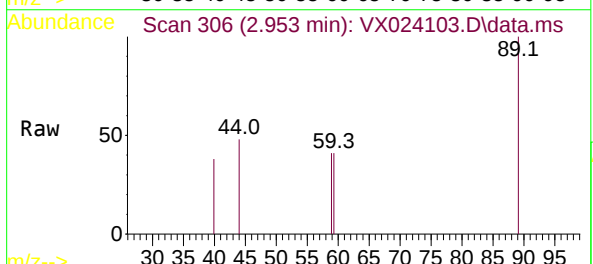


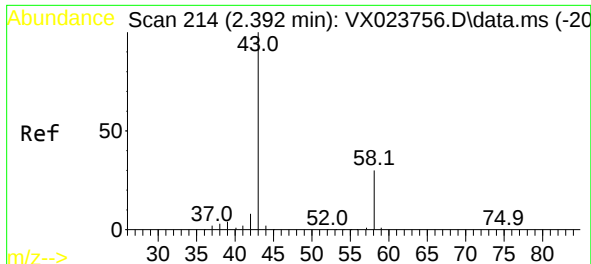
Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
142 100
127 53.5 33.3 49.9#
141 3.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.686 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion: 59 Resp: 600
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

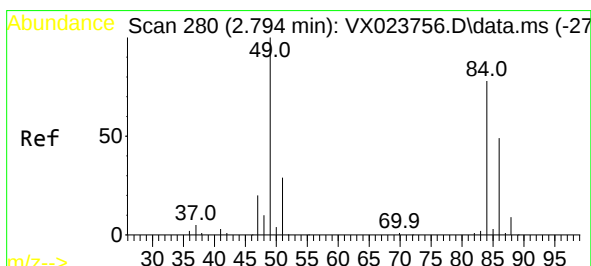
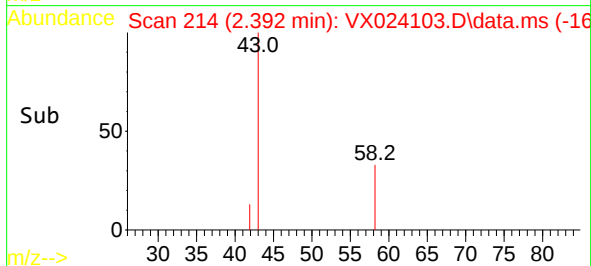
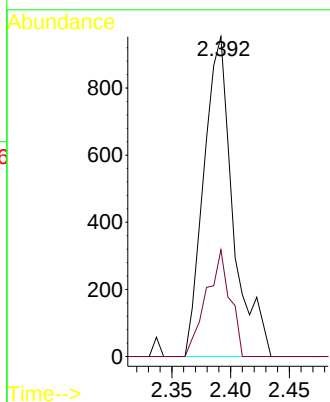
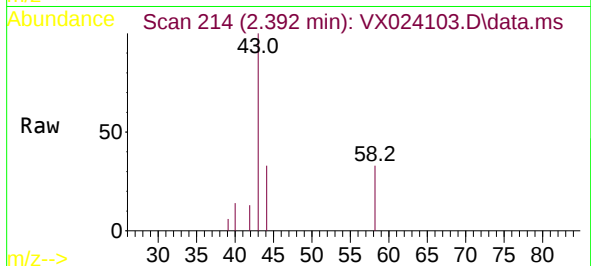




#16
Acetone
Concen: 2.098 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

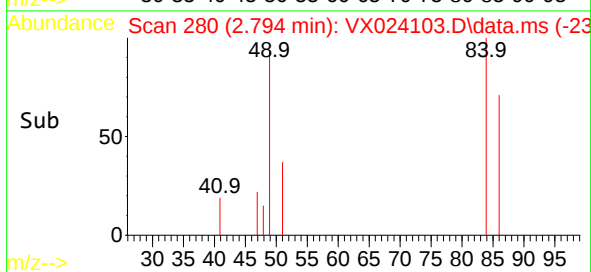
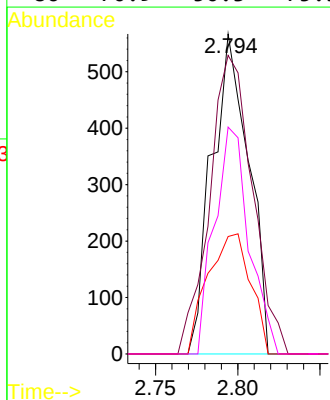
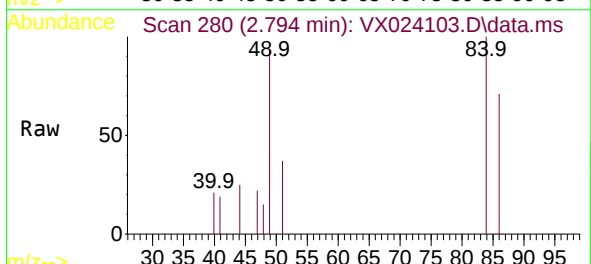
Instrument :
MSVOA_X
ClientSampled :

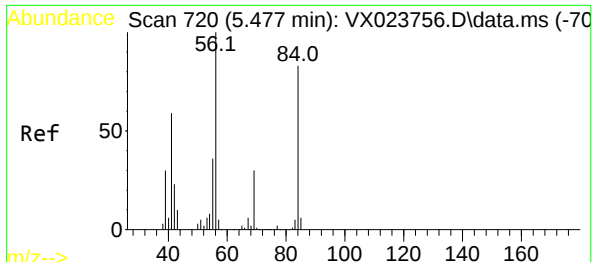
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



#20
Methylene Chloride
Concen: 0.587 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

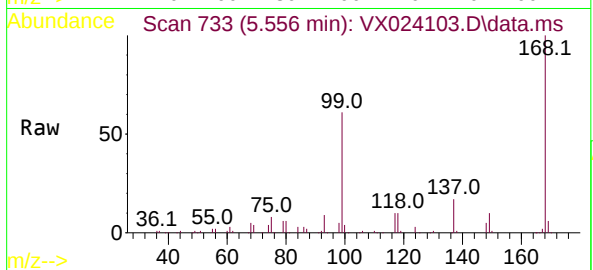
Tgt Ion: 84 Resp: 882
Ion Ratio Lower Upper
84 100
49 93.3 88.6 132.8
51 36.7 27.0 40.6
86 70.9 50.3 75.5



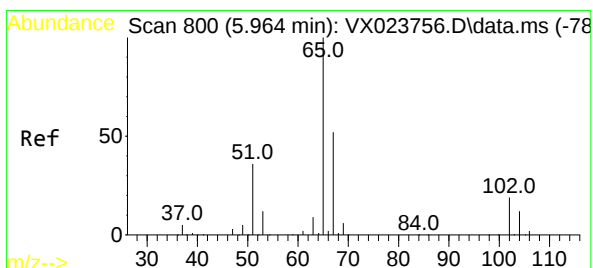
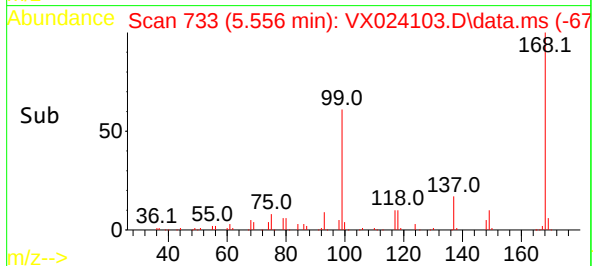
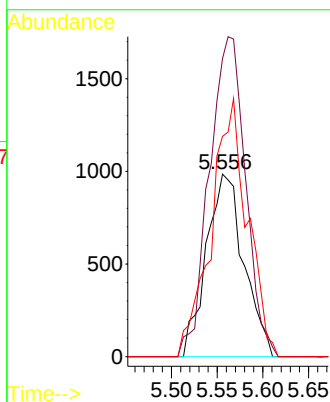


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Instrument :
MSVOA_X
ClientSampleId :

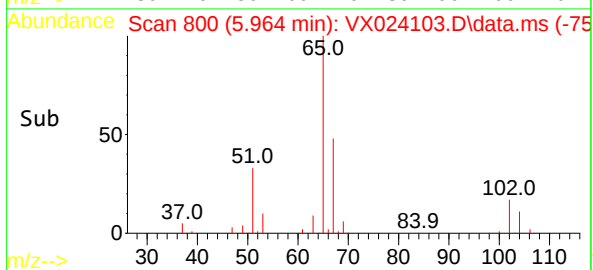
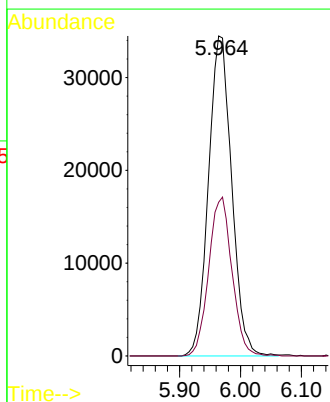
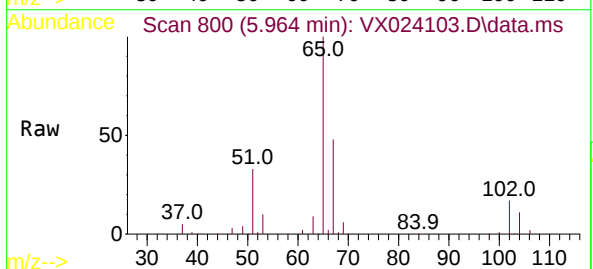


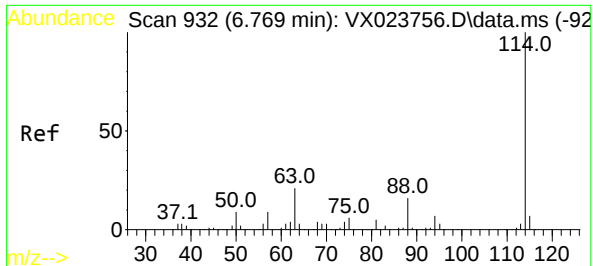
Tgt Ion: 56 Resp: 2810
Ion Ratio Lower Upper
56 100
69 163.4 25.3 37.9#
84 120.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.784 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion: 65 Resp: 91124
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

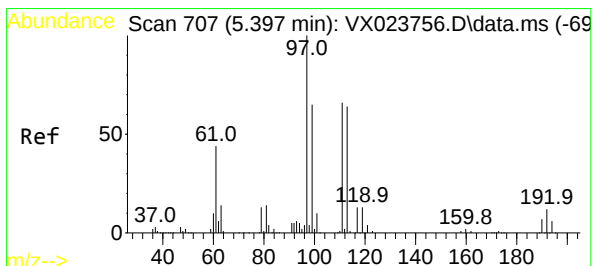
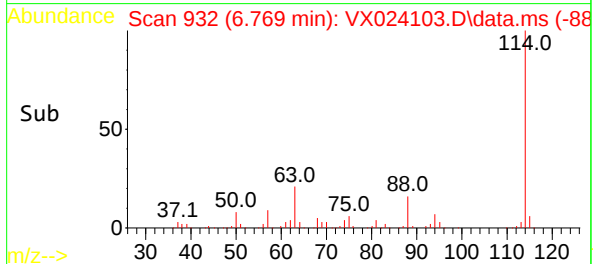
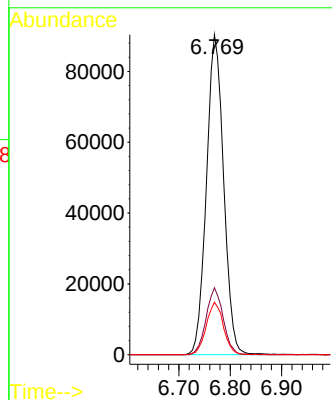
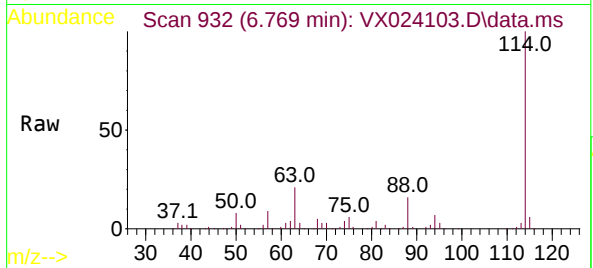




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

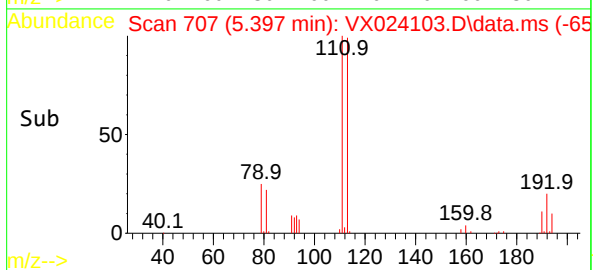
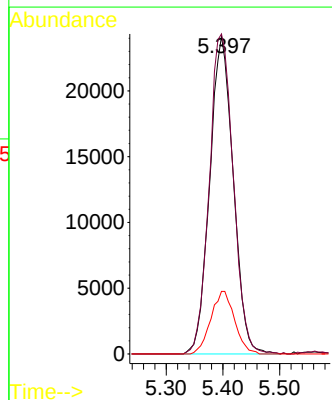
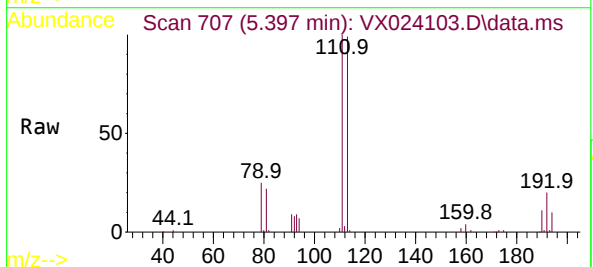
Instrument :
MSVOA_X
ClientSampled :

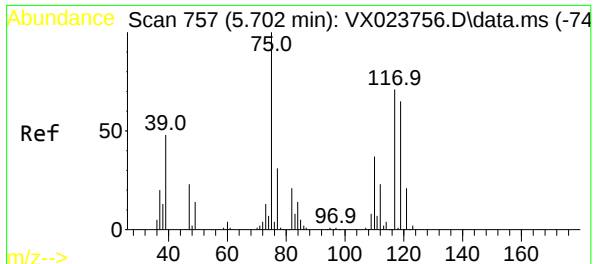
Tgt Ion:114 Resp: 209949
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.036 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion:113 Resp: 69530
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.9 16.7 25.1

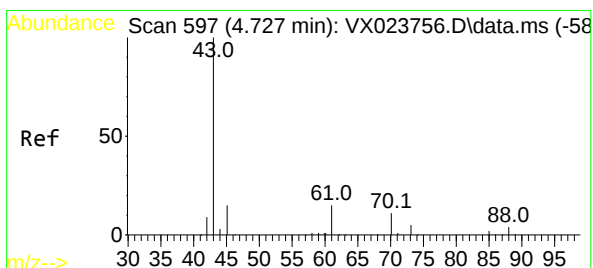
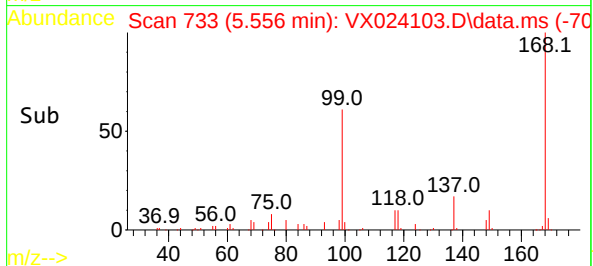
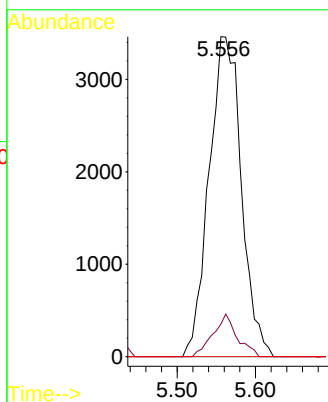
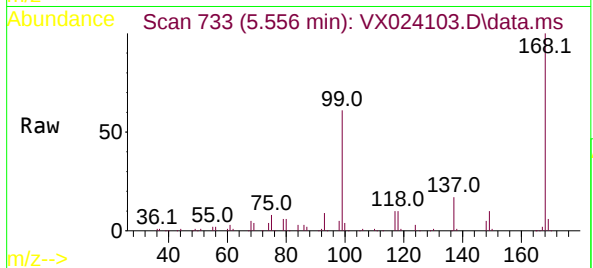




#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

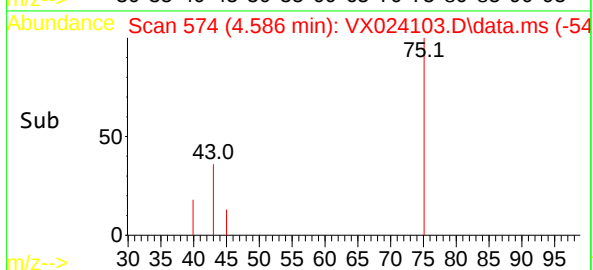
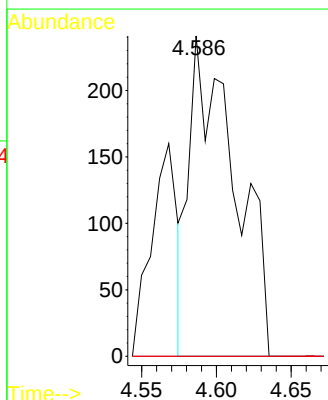
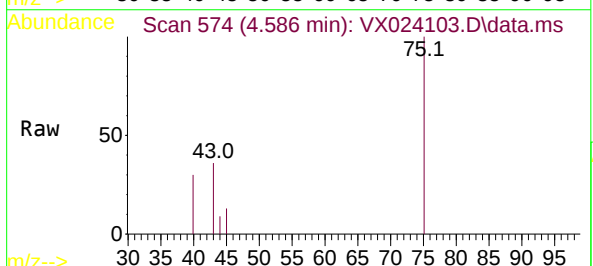
Instrument :
MSVOA_X
ClientSampled :

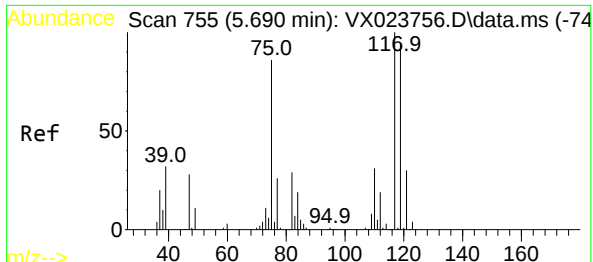
Tgt Ion: 75 Resp: 9903
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.214 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.141 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

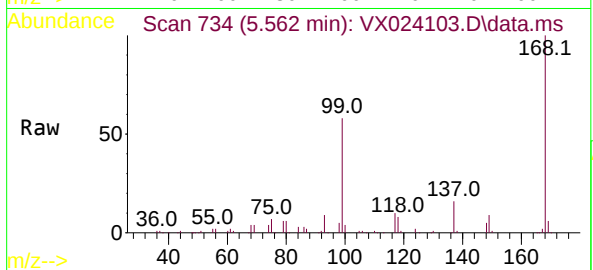
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Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



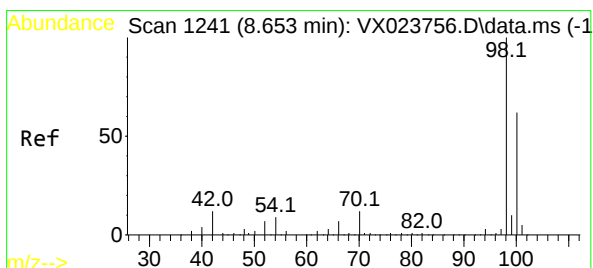
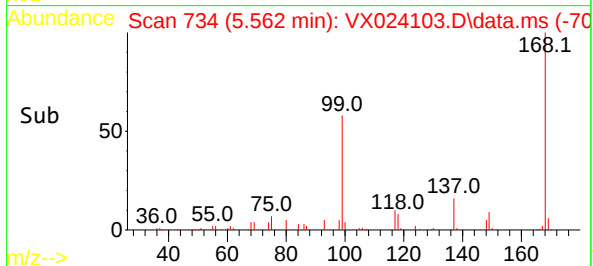
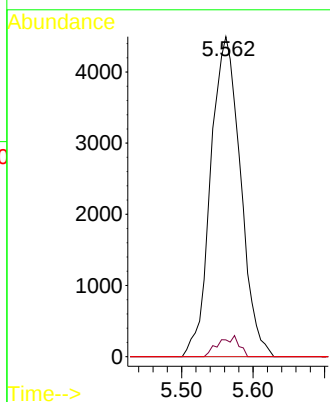


#38
Carbon Tetrachloride
Concen: 6.416 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Instrument :
MSVOA_X
ClientSampled :

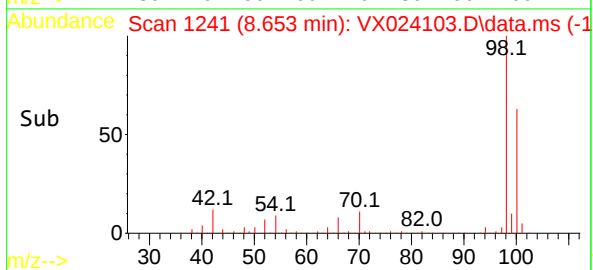
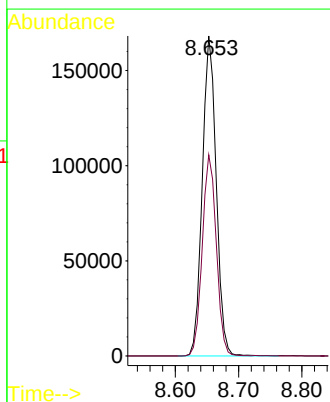
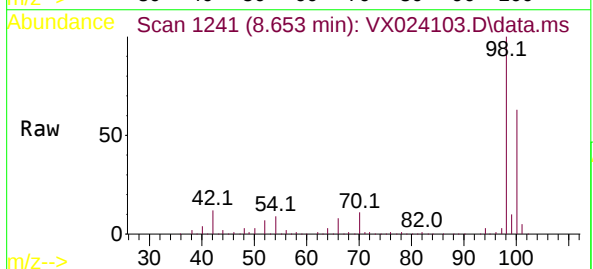


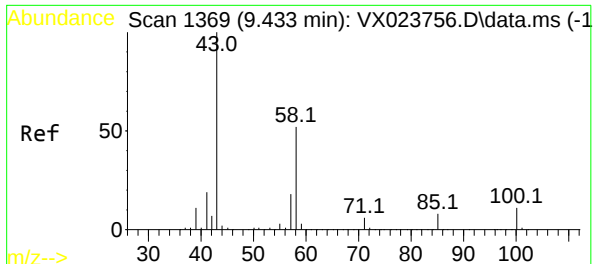
Tgt Ion:117 Resp: 13009
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion: 98 Resp: 257976
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

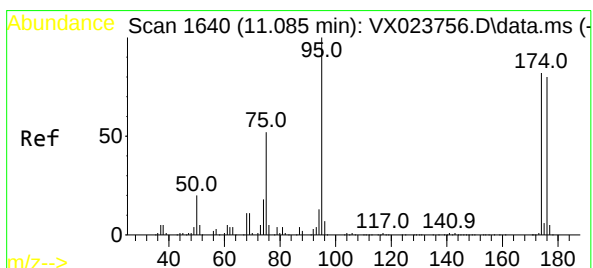
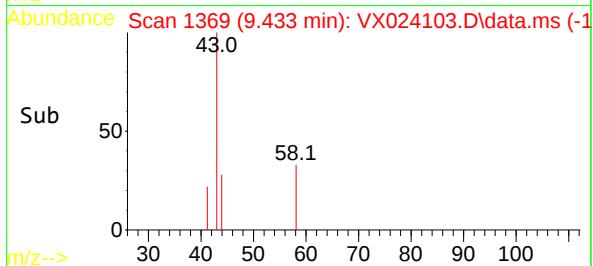
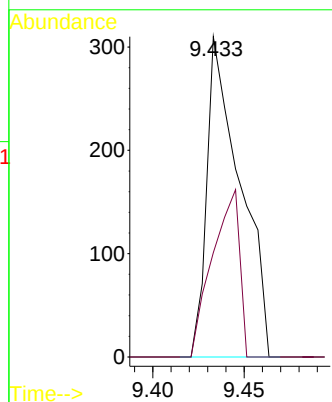
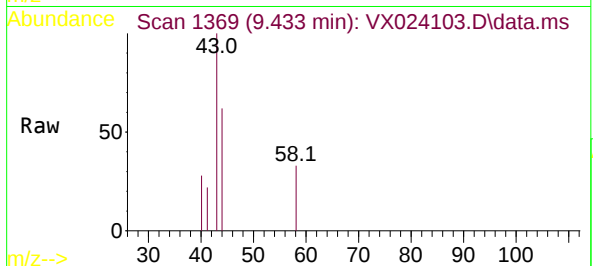




#59
2-Hexanone
Concen: 0.212 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

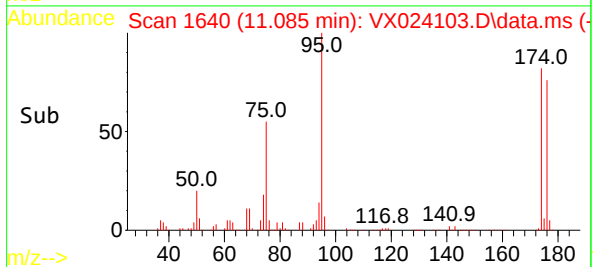
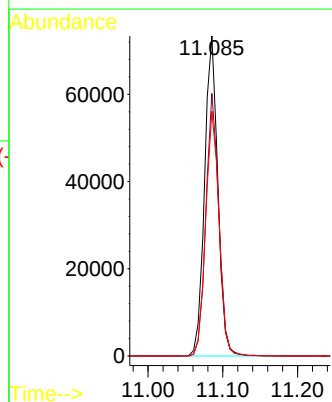
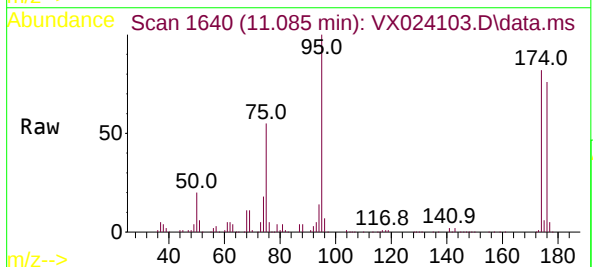
Instrument :
MSVOA_X
ClientSampled :

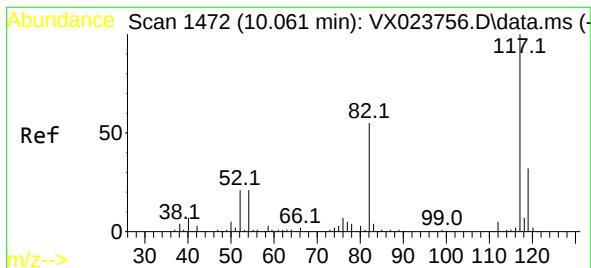
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 42.7 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 46.355 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion: 95 Resp: 90252
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 77.3 0.0 155.8

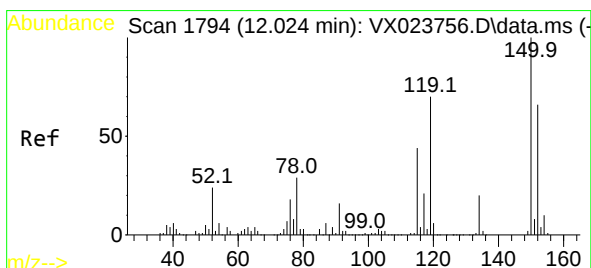
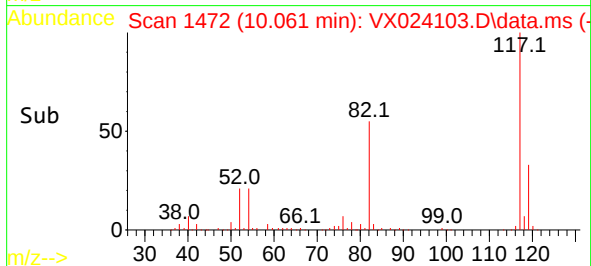
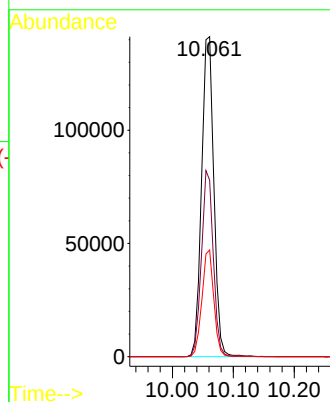
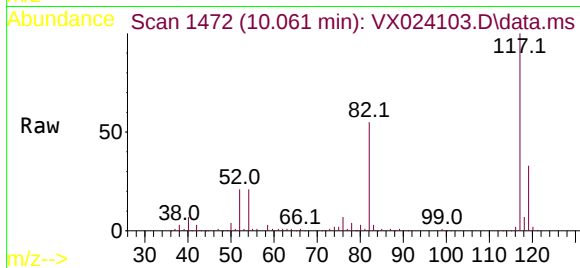




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

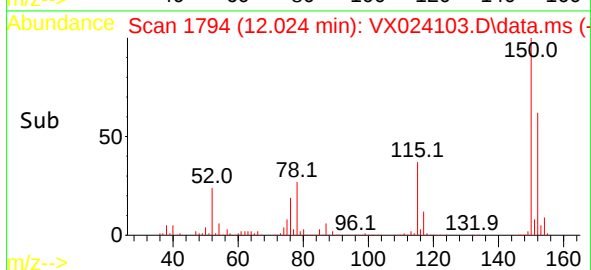
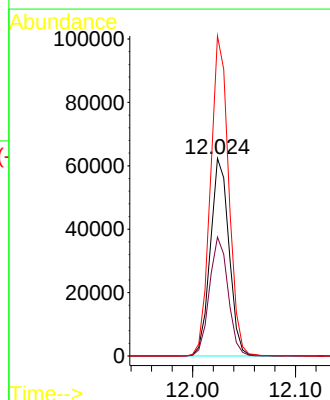
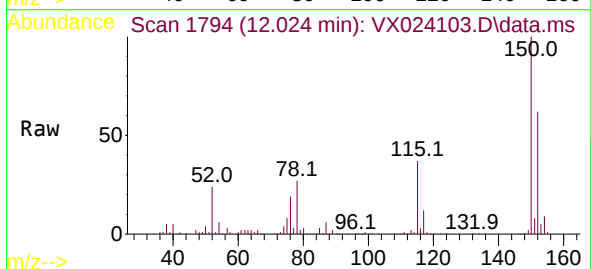
Instrument :
MSVOA_X
ClientSampled :

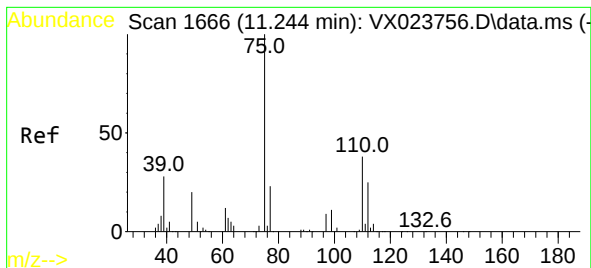
Tgt Ion:117 Resp: 197655
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion:152 Resp: 78367
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.8 0.0 349.0

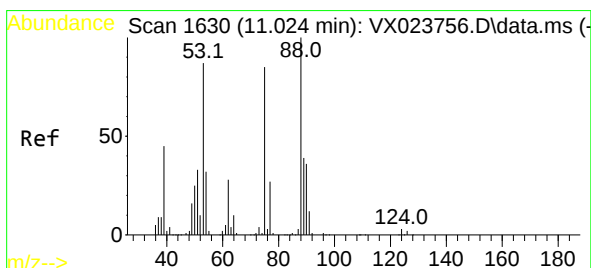
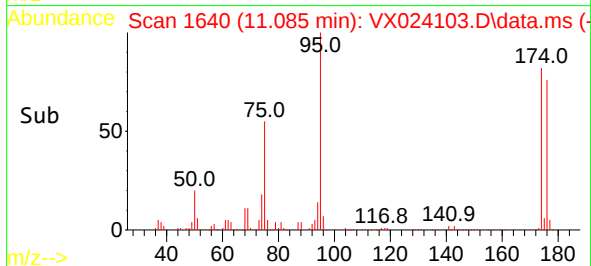
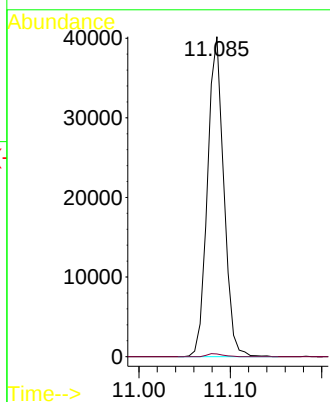
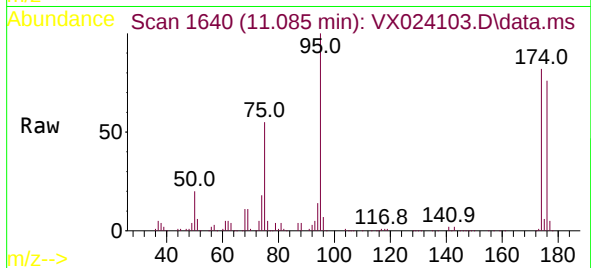




#76
1,2,3-Trichloropropane
Concen: 27.188 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

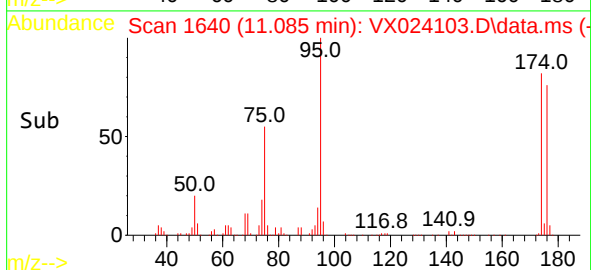
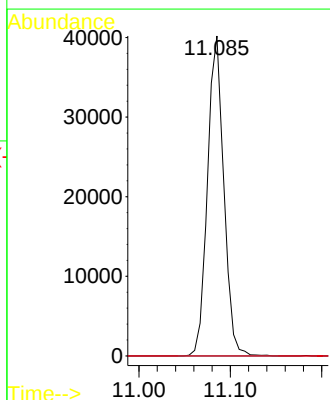
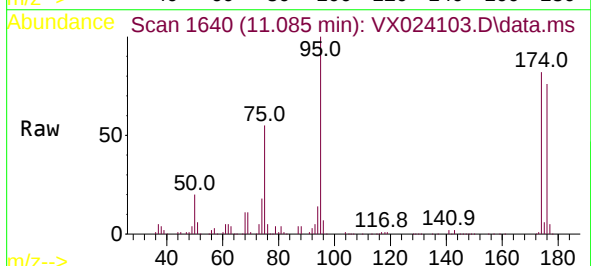
Instrument :
MSVOA_X
ClientSampled :

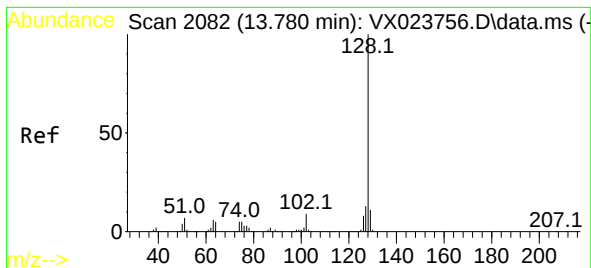
Tgt Ion: 75 Resp: 49702
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.974 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Tgt Ion: 75 Resp: 49702
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.380 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024103.D
Acq: 03 Sep 2021 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 573
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 4.2 8.8 13.2#

