

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024069.D
 Acq On : 02 Sep 2021 13:18
 Operator : JC/MD
 Sample : VX0902WBL01
 Misc : 5.00mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL01

Quant Time: Sep 02 16:11:09 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)

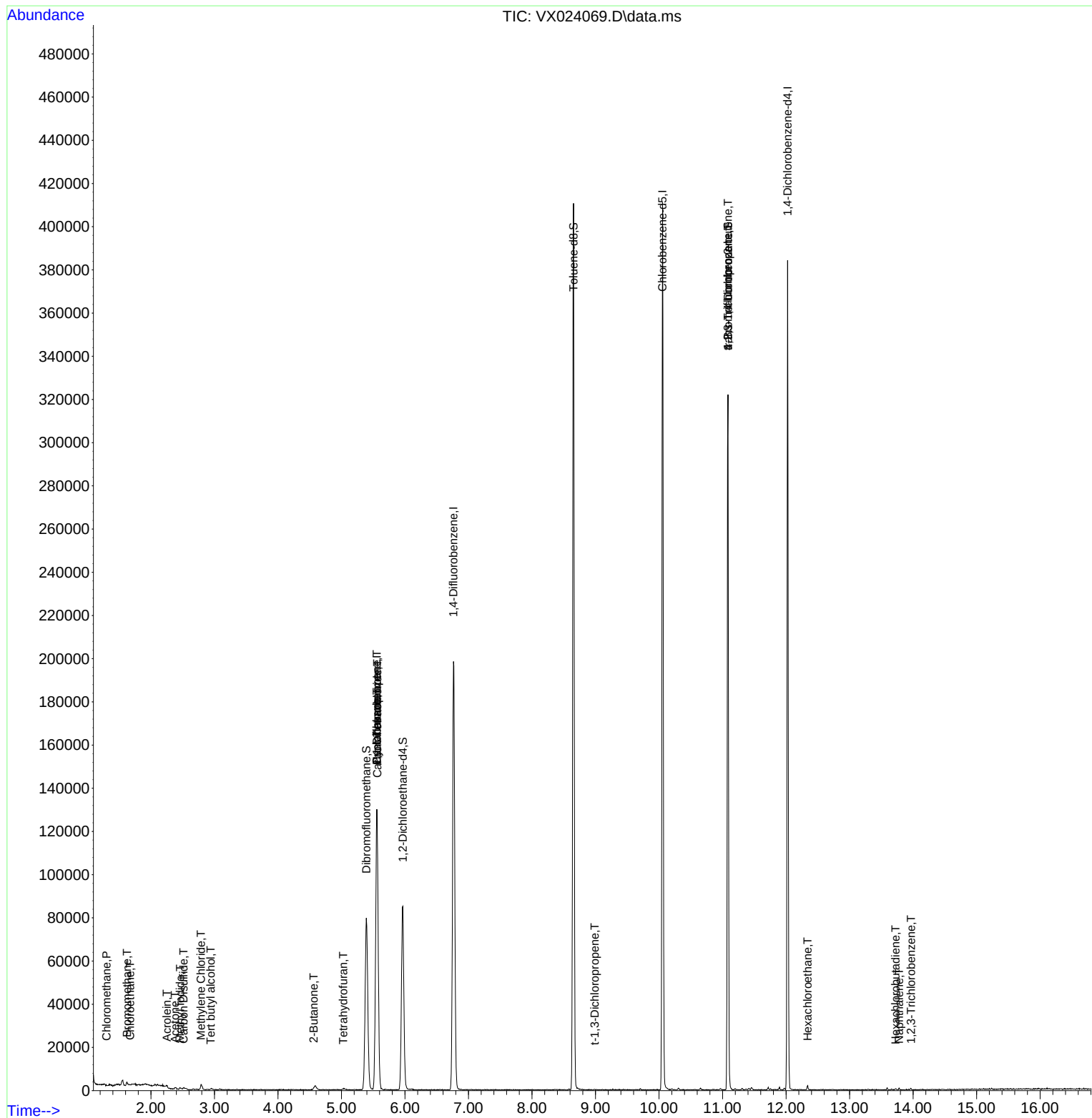
Internal Standards						
1) Pentafluorobenzene	5.556	168	119006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	86207	51.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.80%			
35) Dibromofluoromethane	5.391	113	67815	51.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.66%			
50) Toluene-d8	8.653	98	238451	47.89	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.78%			
62) 4-Bromofluorobenzene	11.085	95	82294	44.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.78%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	316	0.23	ug/l	90
5) Bromomethane	1.624	94	599	0.71	ug/l	99
6) Chloroethane	1.672	64	39	2.25	ug/l #	43
10) Methyl Iodide	2.459	142	817	0.49	ug/l #	90
11) Tert butyl alcohol	2.941	59	173	0.52	ug/l #	73
13) Acrolein	2.252	56	59	0.30	ug/l #	1
16) Acetone	2.380	43	980	1.32	ug/l #	79
17) Carbon Disulfide	2.514	76	868	0.32	ug/l #	75
20) Methylene Chloride	2.788	84	1133	0.80	ug/l #	90
25) 2-Butanone	4.562	43	227	0.20	ug/l #	45
29) Tetrahydrofuran	5.026	42	520	0.71	ug/l #	36
31) Cyclohexane	5.556	56	2898	1.36	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	9470	5.17	ug/l #	44
38) Carbon Tetrachloride	5.562	117	12345	6.47	ug/l #	18
53) t-1,3-Dichloropropene	8.988	75	120	2.19	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	45113	26.08	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	45113	76.72	ug/l #	12
90) Hexachloroethane	12.341	117	41	1.51	ug/l #	9
94) Hexachlorobutadiene	13.725	225	152	0.23	ug/l #	67
95) Naphthalene	13.780	128	593	1.39	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.969	180	302	0.21	ug/l #	79

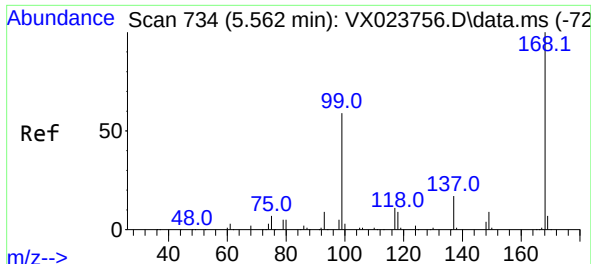
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

Quant Time: Sep 02 16:11:09 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

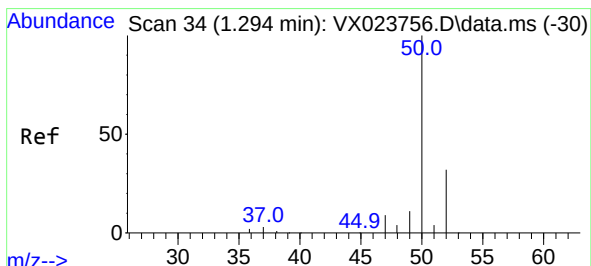
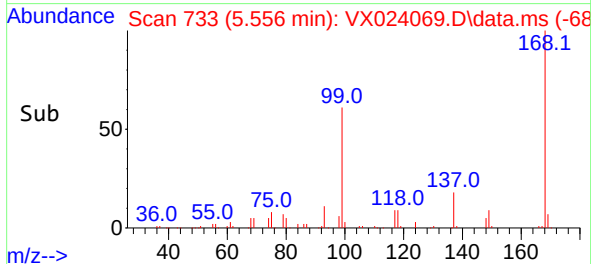
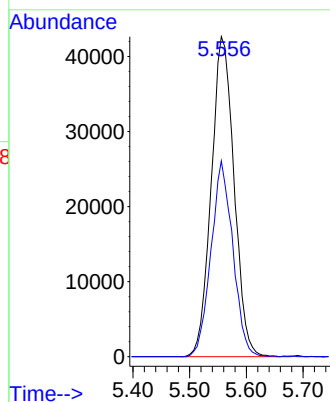
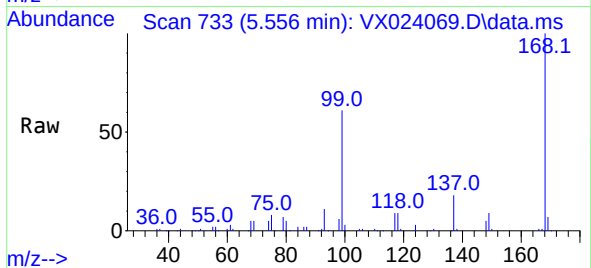




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

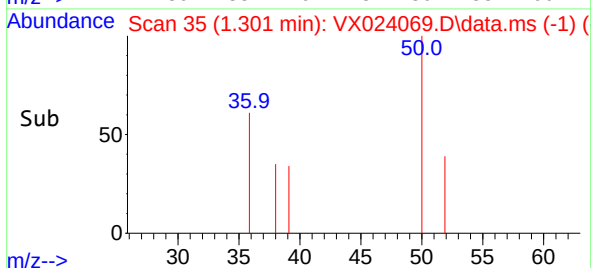
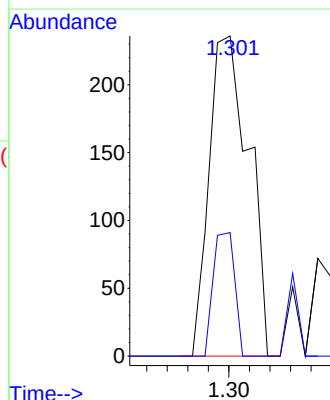
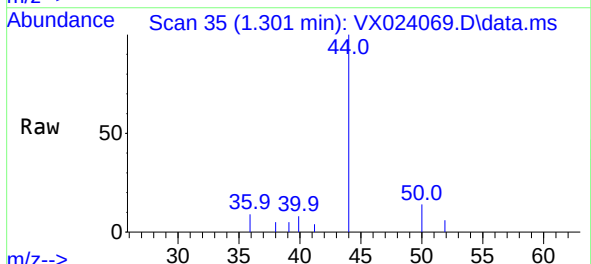
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

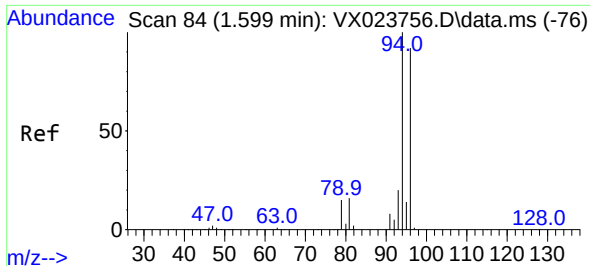
Tgt Ion:168 Resp: 119006
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 50 Resp: 316
Ion Ratio Lower Upper
50 100
52 38.6 26.4 39.6

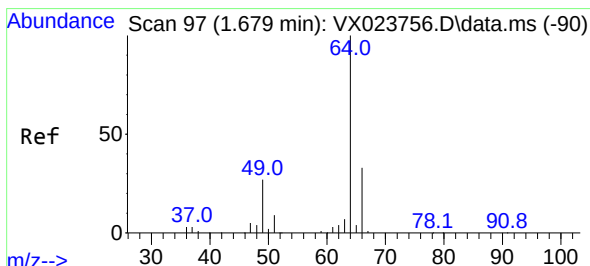
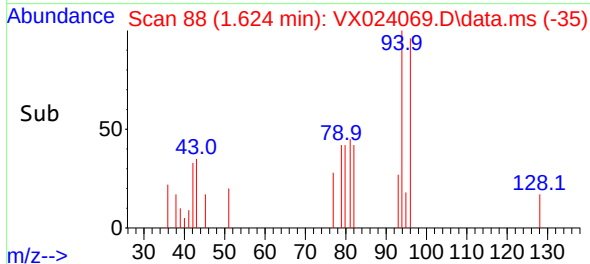
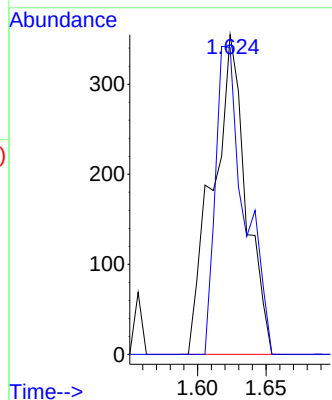
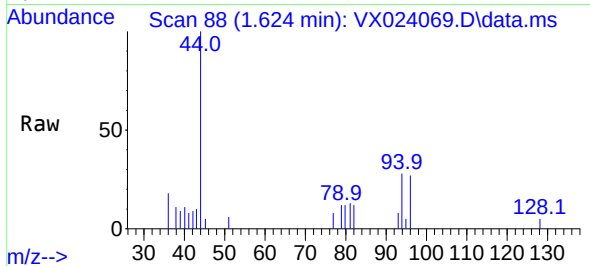




#5
Bromomethane
Concen: 0.71 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

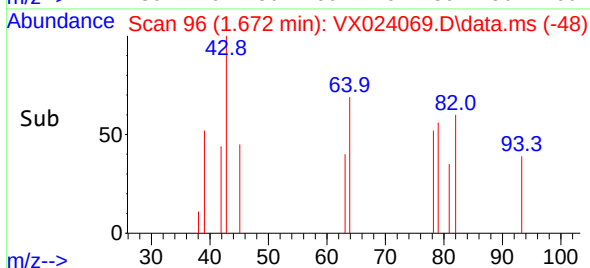
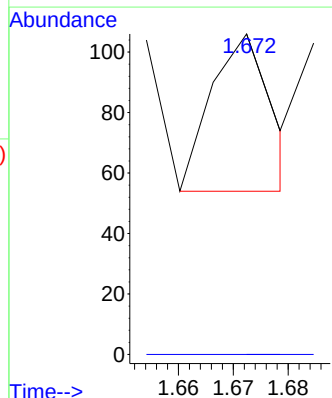
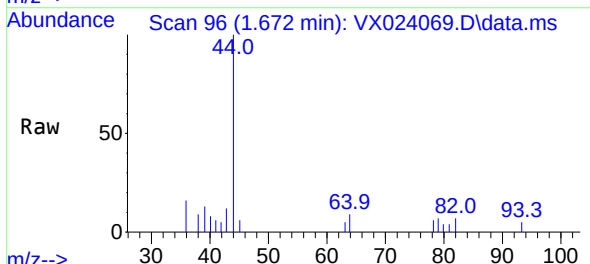
Instrument :
MSVOA_X
ClientSampled :
VX0902WBL01

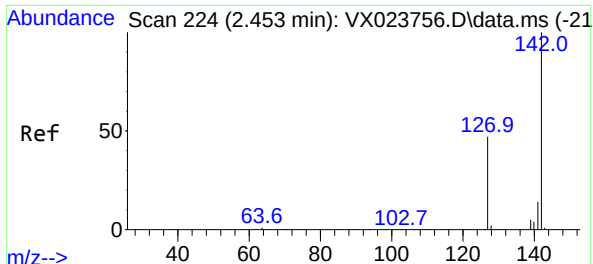
Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 96.1 76.4 114.6



#6
Chloroethane
Concen: 2.25 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

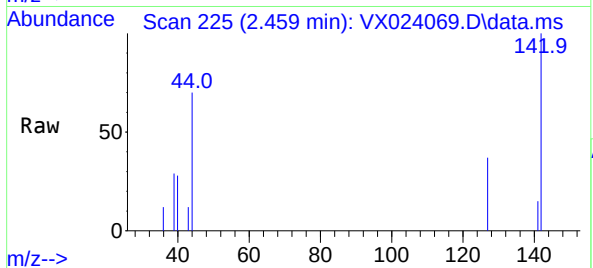
Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



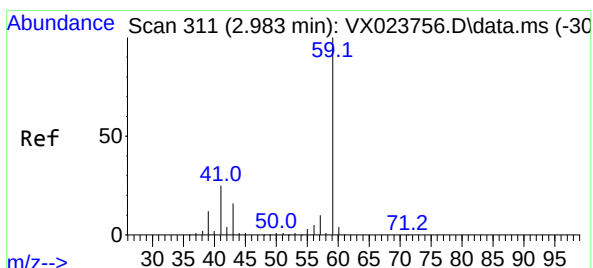
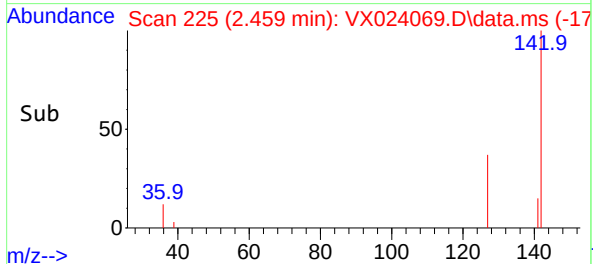
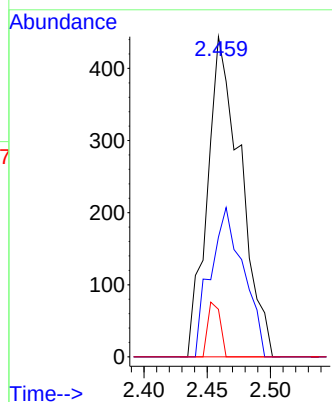


#10
Methyl Iodide
Concen: 0.49 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

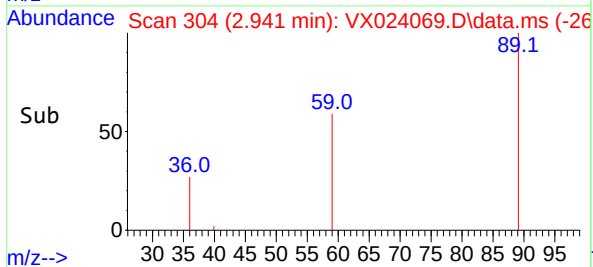
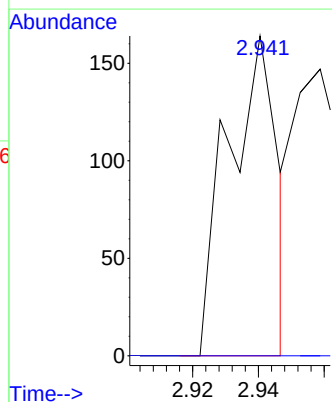
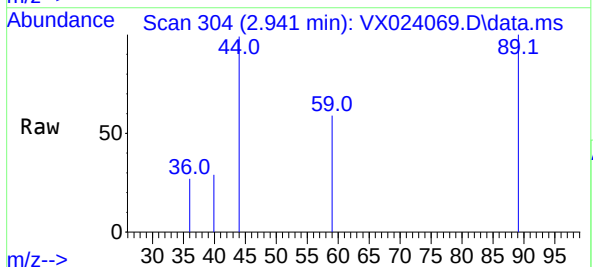


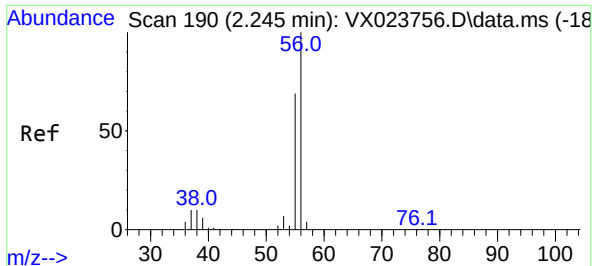
Tgt Ion:142 Resp: 817
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 6.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

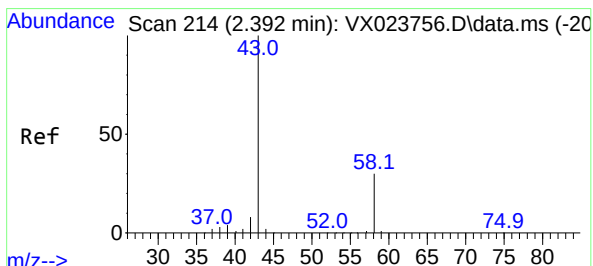
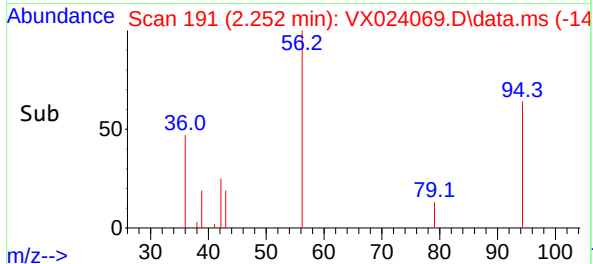
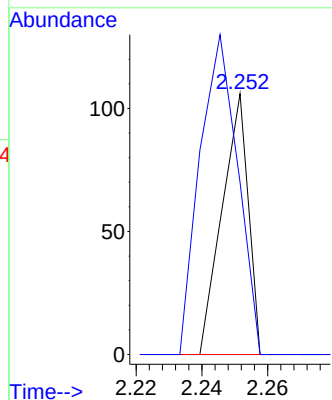
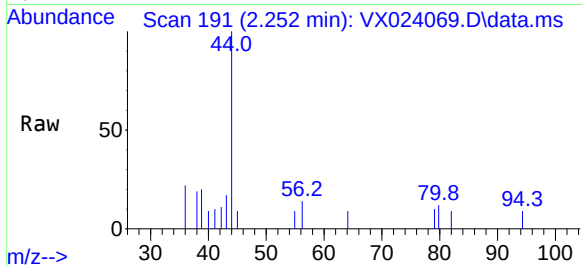




#13
Acrolein
Concen: 0.30 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

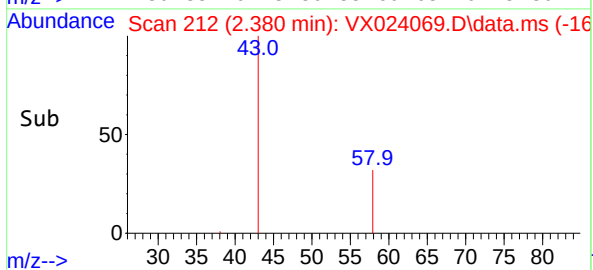
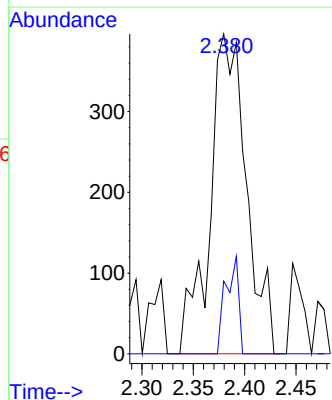
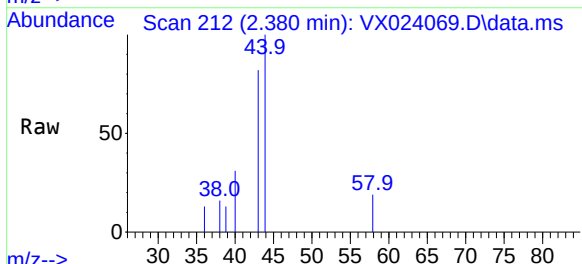
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

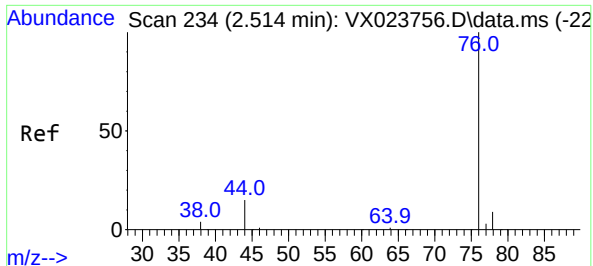
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 176.3 56.4 84.6#



#16
Acetone
Concen: 1.32 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#

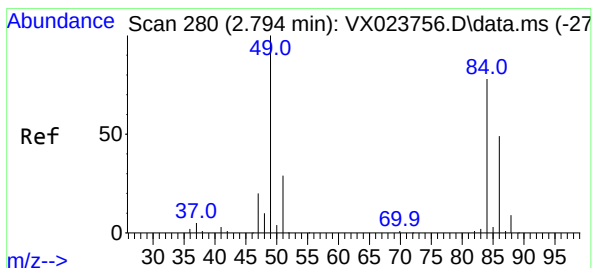
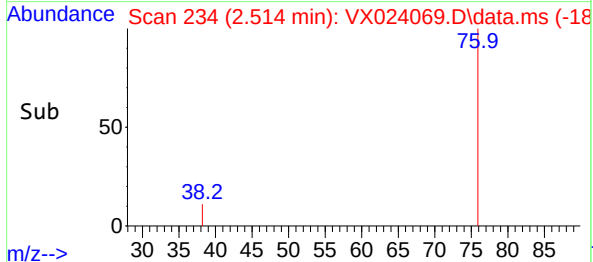
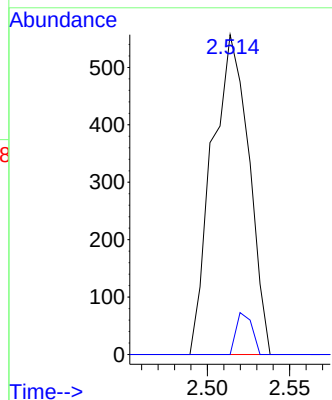
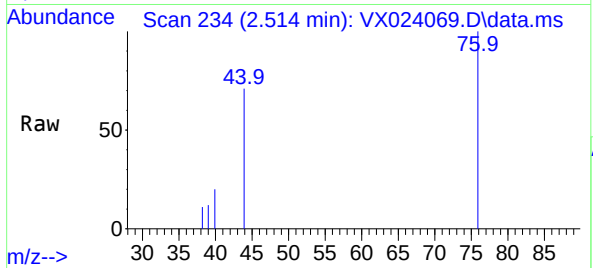




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

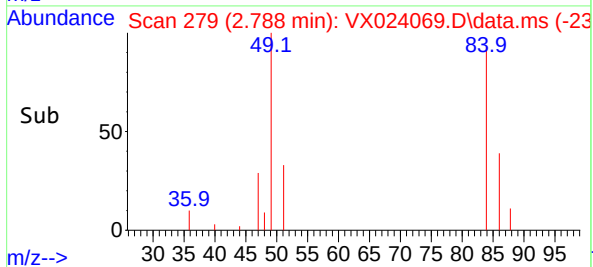
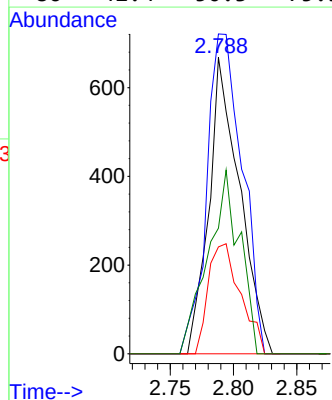
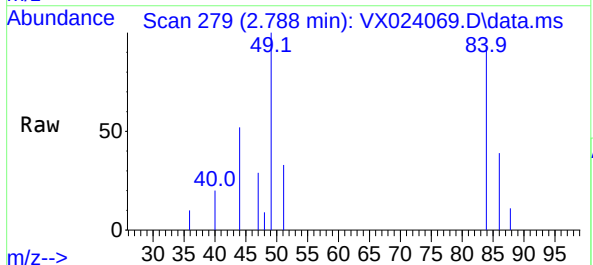
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

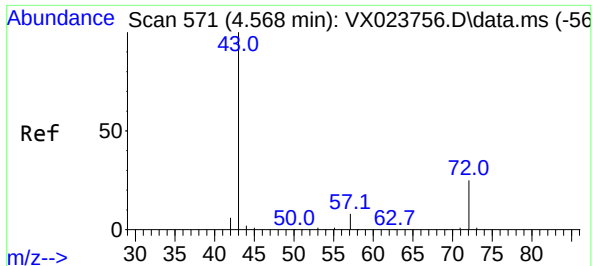
Tgt Ion: 76 Resp: 868
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.80 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 84 Resp: 1133
Ion Ratio Lower Upper
84 100
49 107.9 88.6 132.8
51 36.1 27.0 40.6
86 42.4 50.3 75.5#

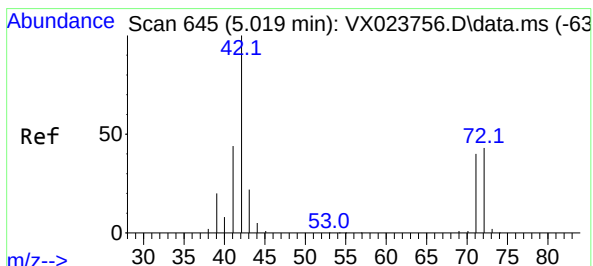
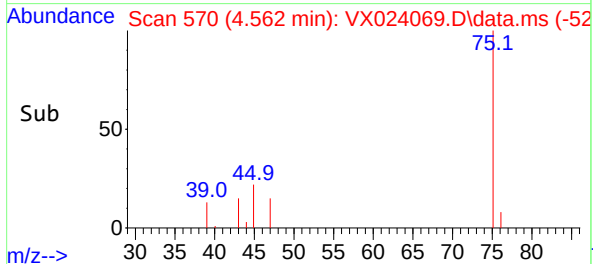
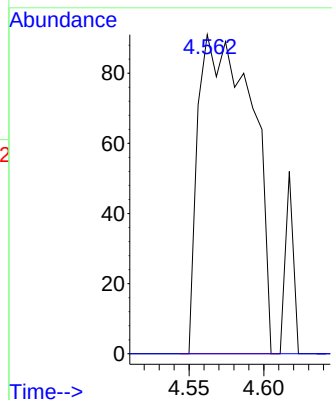
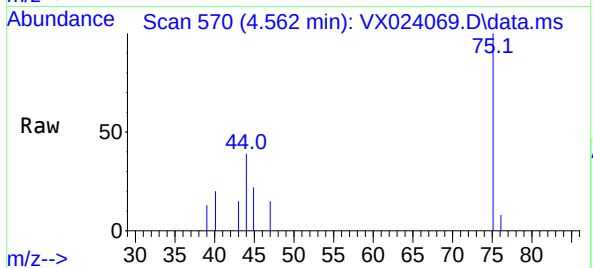




#25
2-Butanone
Concen: 0.20 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

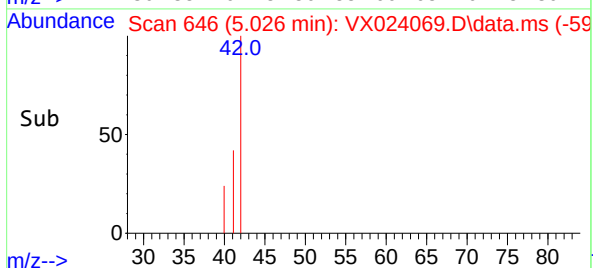
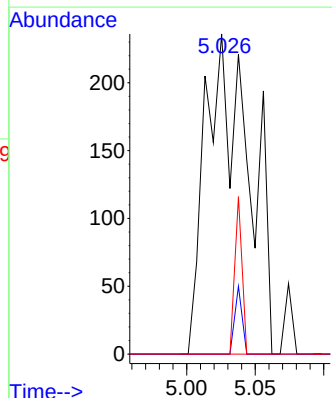
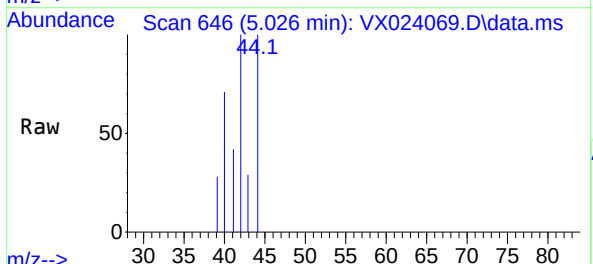
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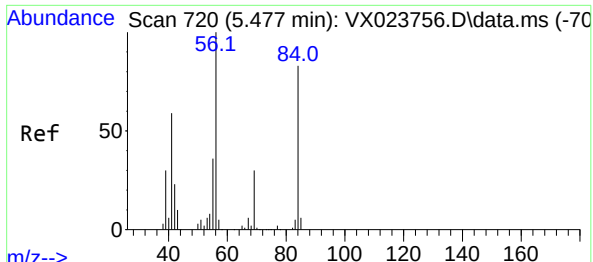
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 42 Resp: 520
Ion Ratio Lower Upper
42 100
72 3.5 41.7 62.5#
71 8.1 38.4 57.6#

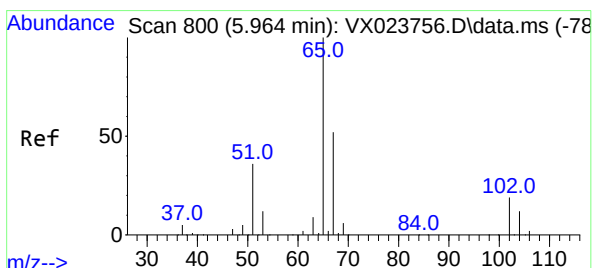
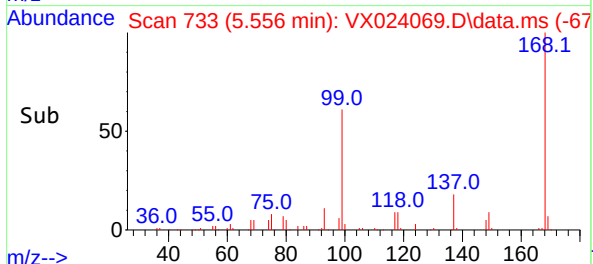
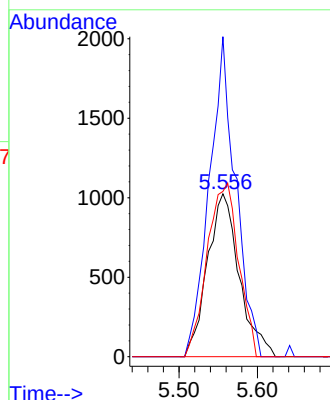
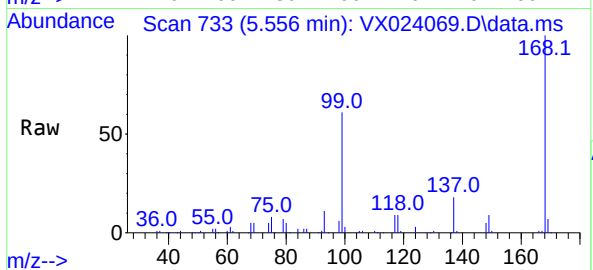




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

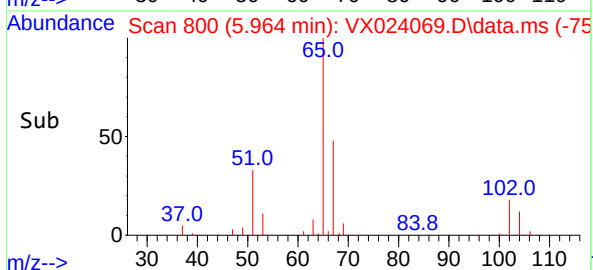
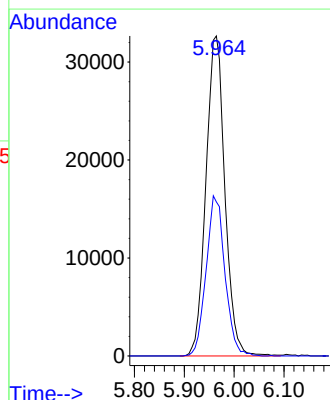
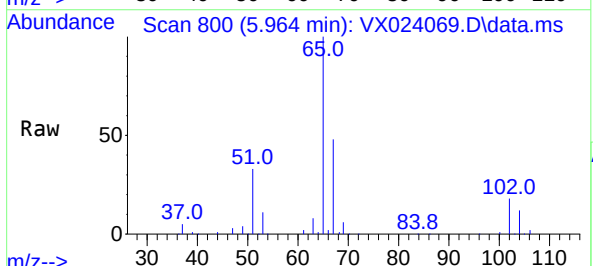
Instrument :
MSVOA_X
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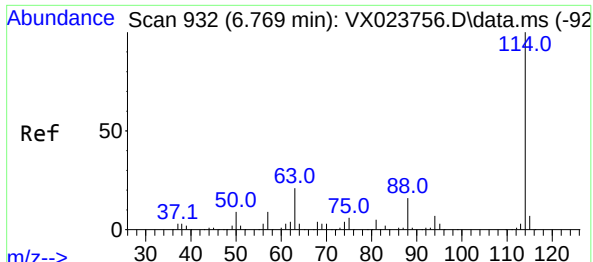
Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 196.4 25.3 37.9#
84 101.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.90 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 65 Resp: 86207
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

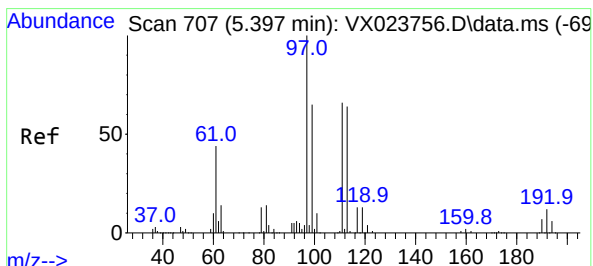
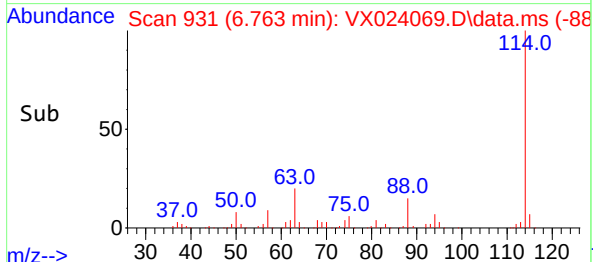
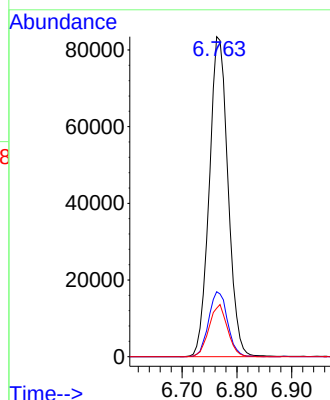
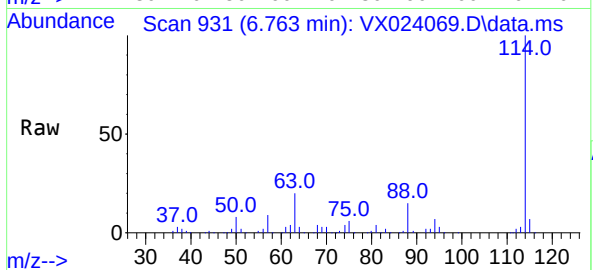




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

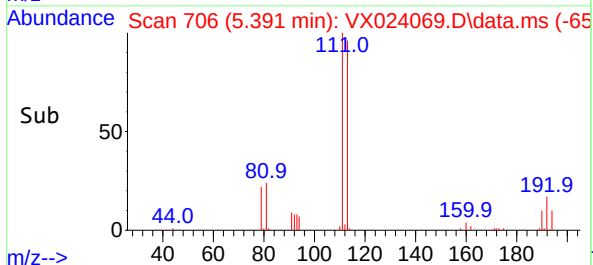
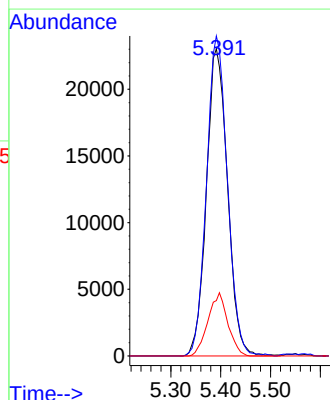
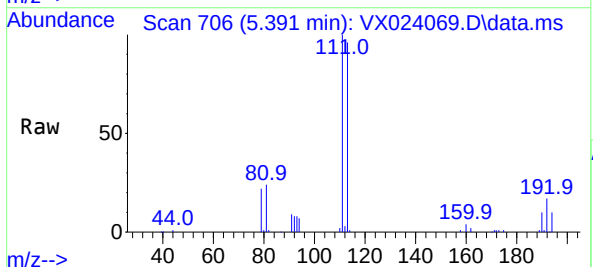
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

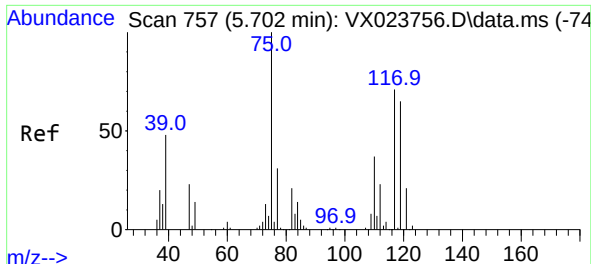
Tgt Ion:114 Resp: 197670
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.83 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion:113 Resp: 67815
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.3 16.7 25.1

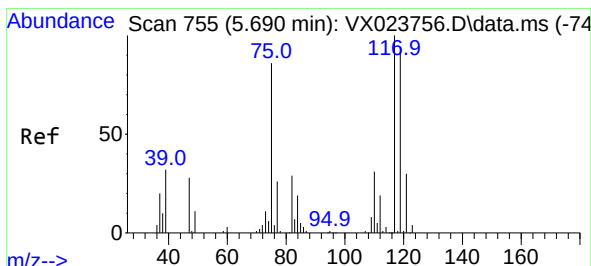
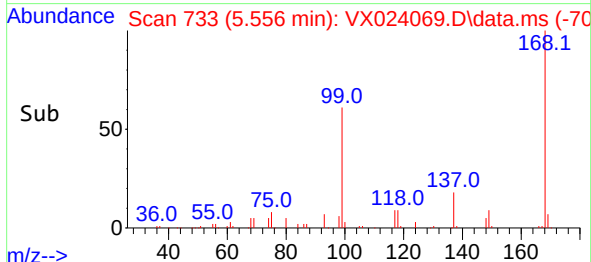
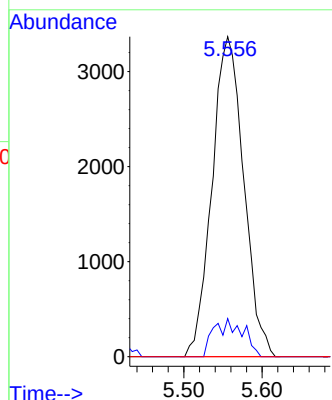
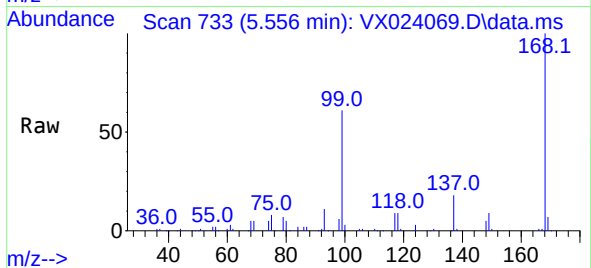




#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

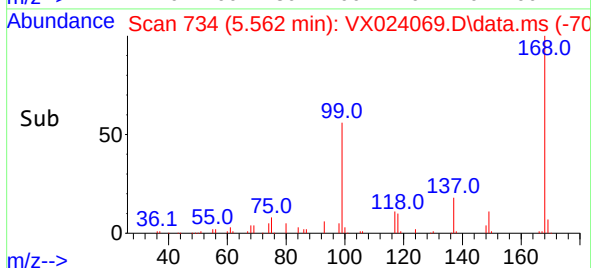
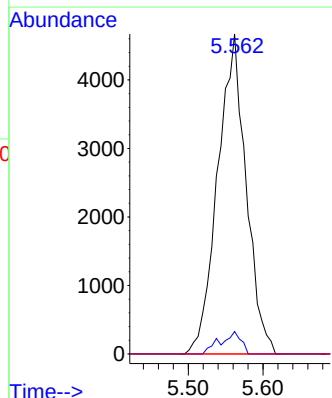
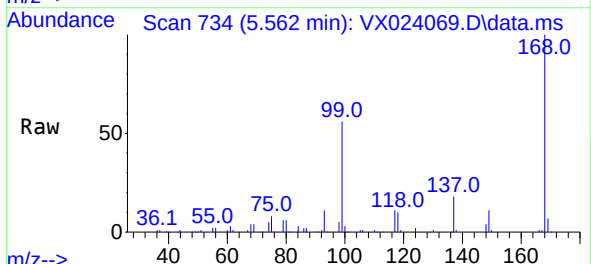
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

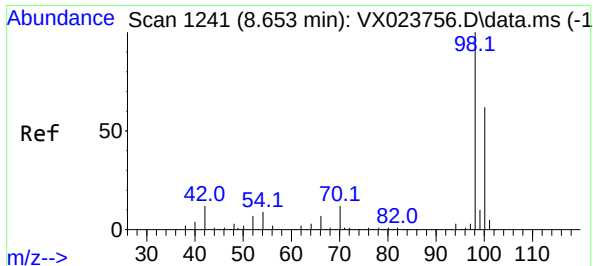
Tgt Ion: 75 Resp: 9470
Ion Ratio Lower Upper
75 100
110 4.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 117 Resp: 12345
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#

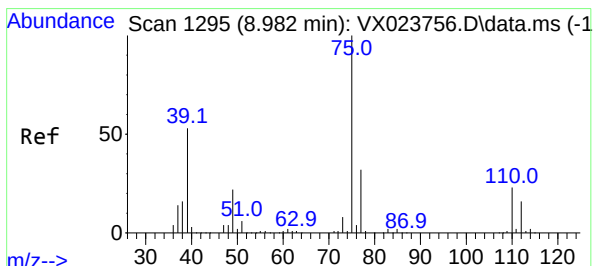
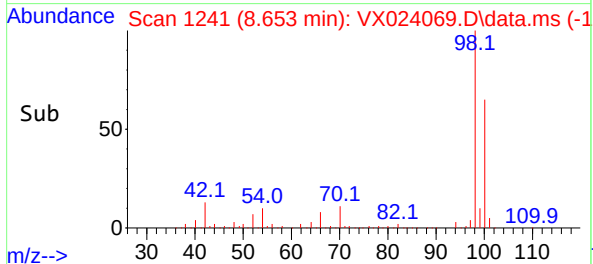
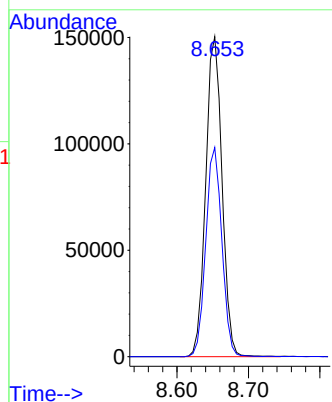
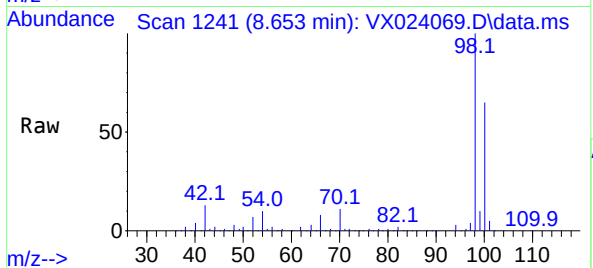




#50
Toluene-d8
Concen: 47.89 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

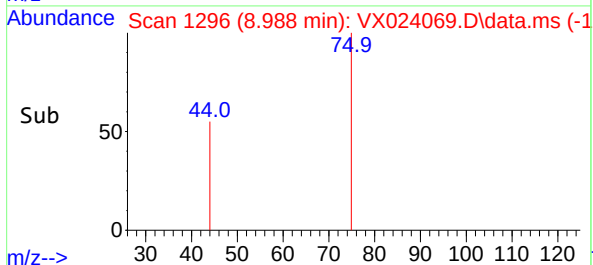
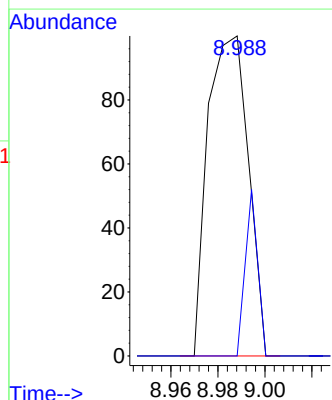
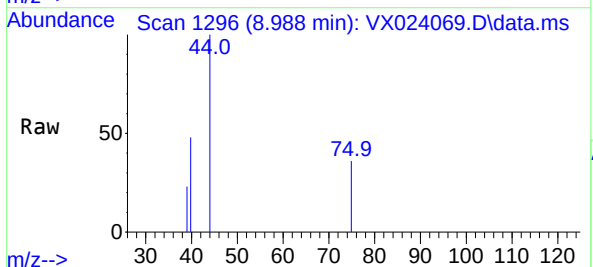
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

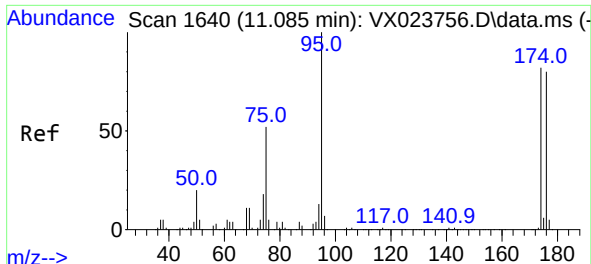
Tgt Ion: 98 Resp: 238451
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.19 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 75 Resp: 120
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

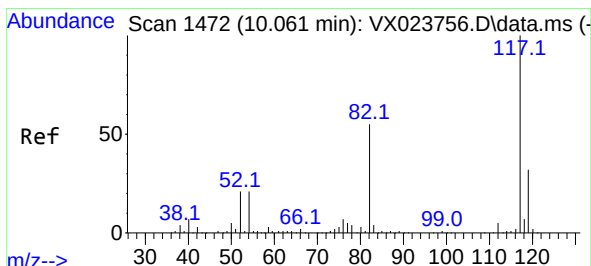
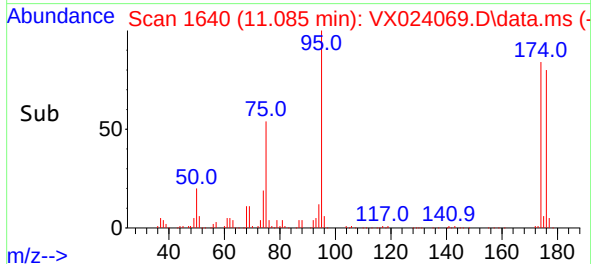
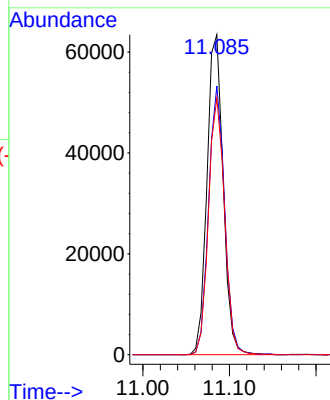
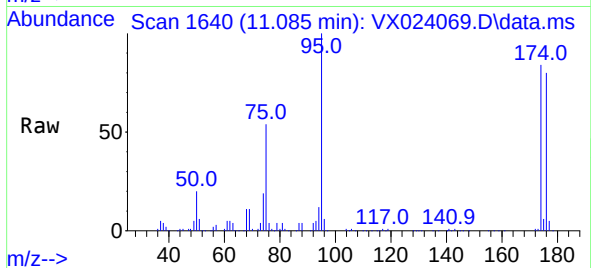




#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

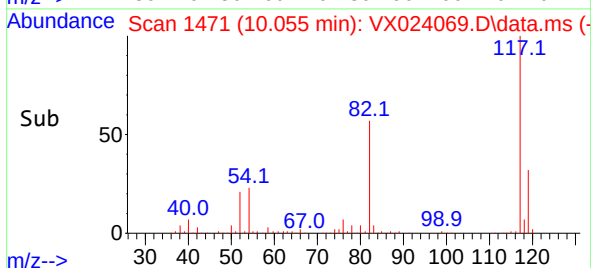
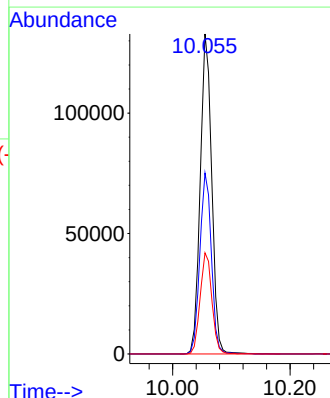
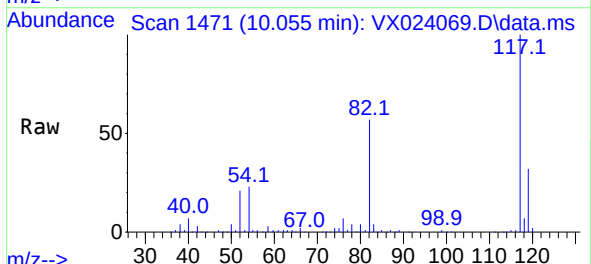
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

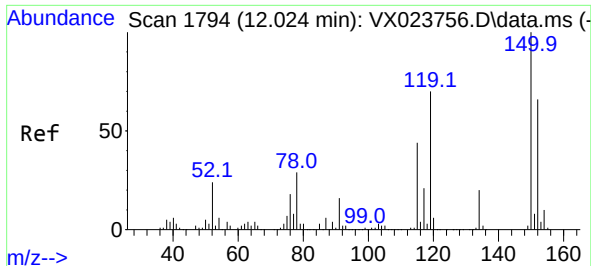
Tgt Ion: 95 Resp: 82294
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.6
176 80.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 117 Resp: 180497
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.6 26.6 39.8

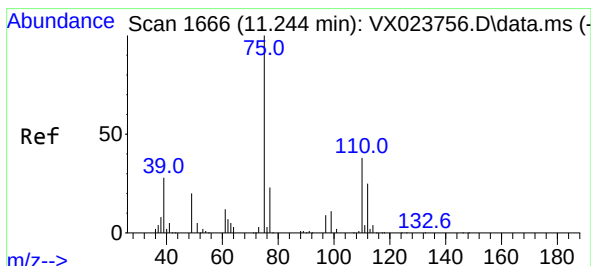
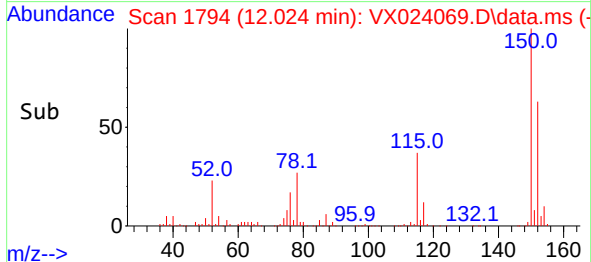
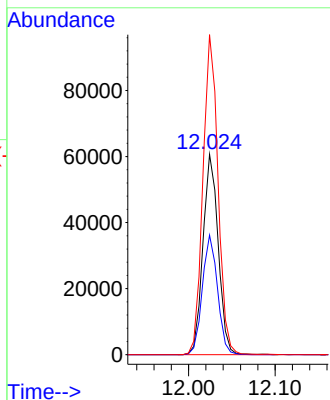
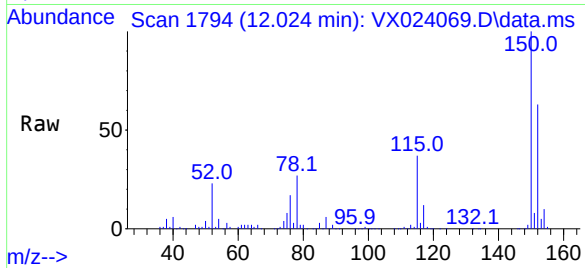




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

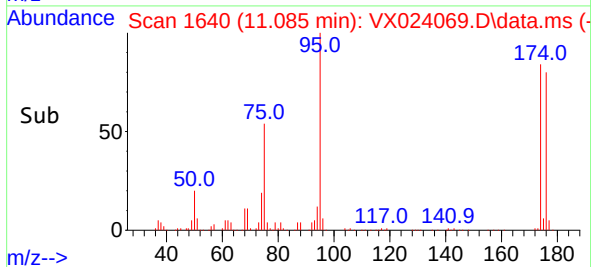
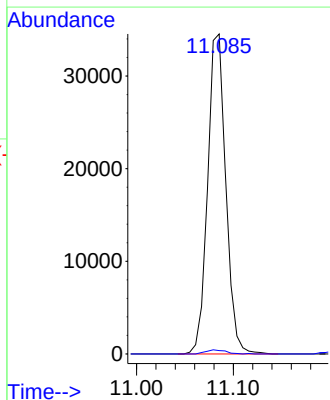
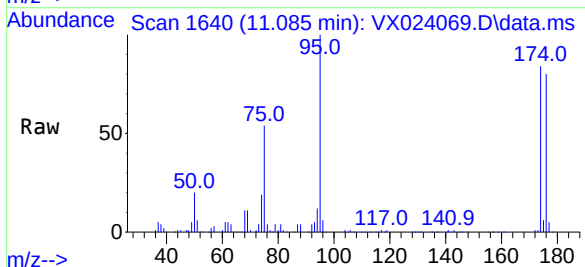
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

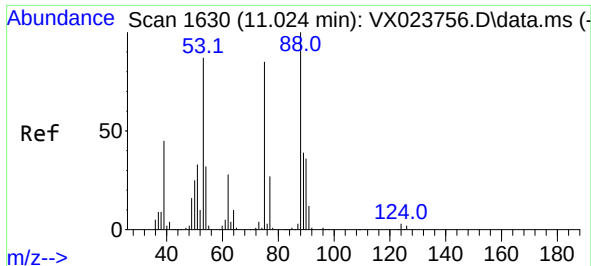
Tgt Ion:152 Resp: 74150
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 75 Resp: 45113
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

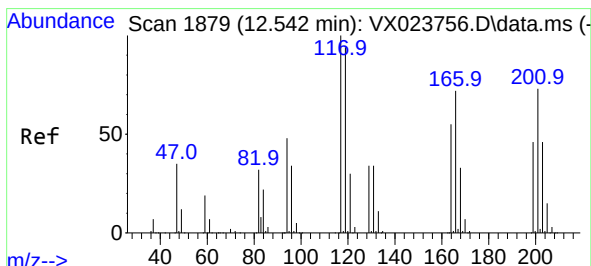
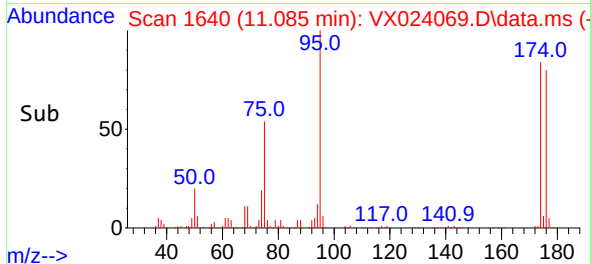
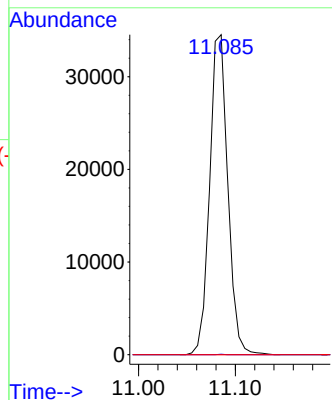
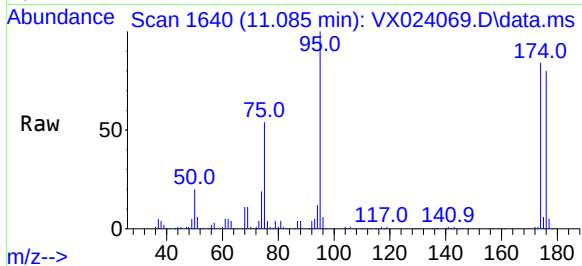




#81
trans-1,4-Dichloro-2-butene
Concen: 76.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

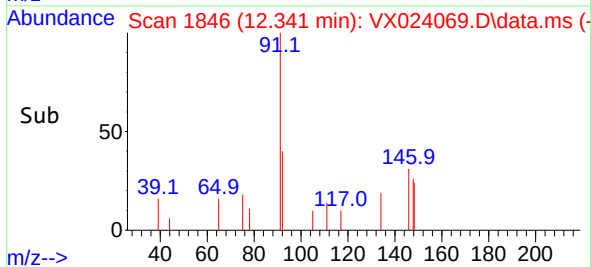
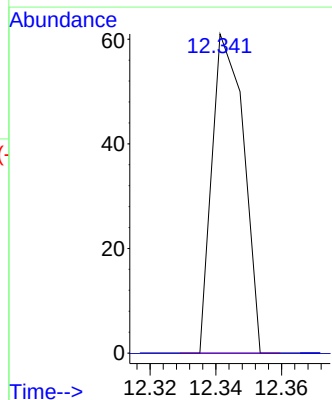
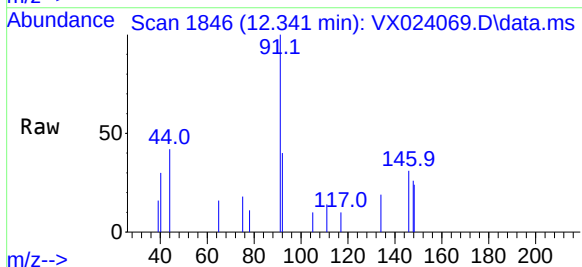
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

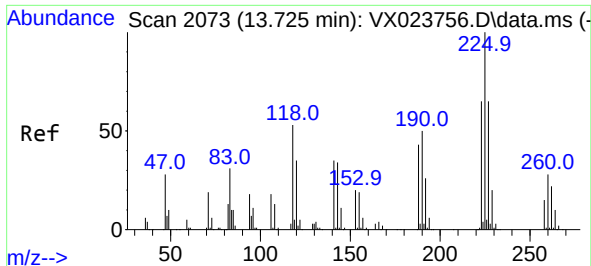
Tgt Ion: 75 Resp: 45113
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.51 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. -0.201 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

Tgt Ion: 117 Resp: 41
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

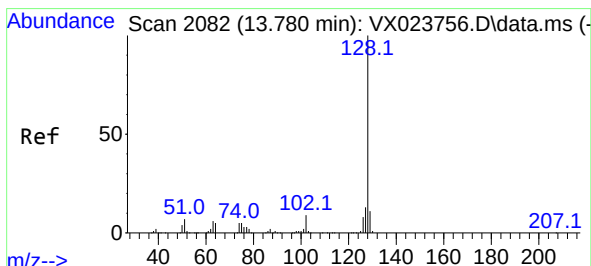
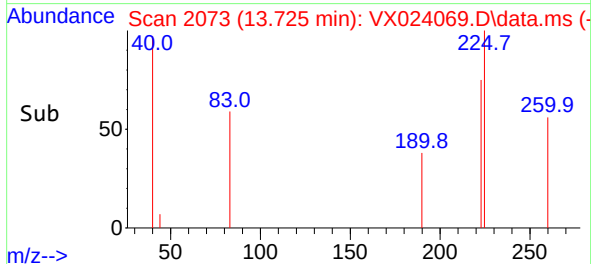
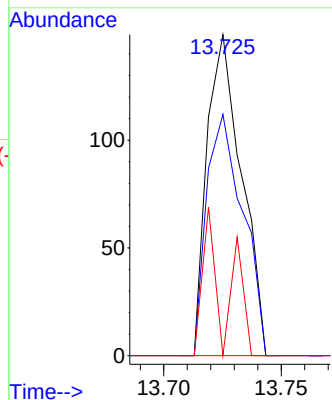
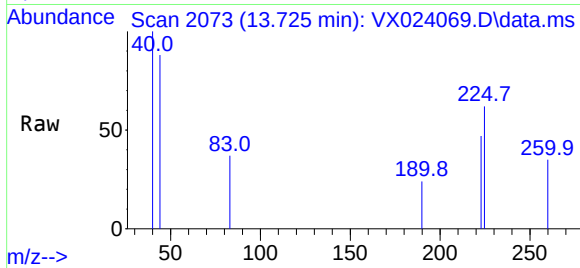




#94
Hexachlorobutadiene
Concen: 0.23 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

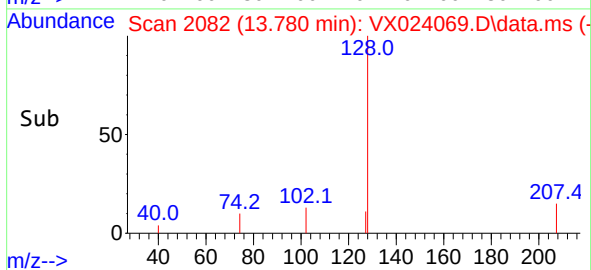
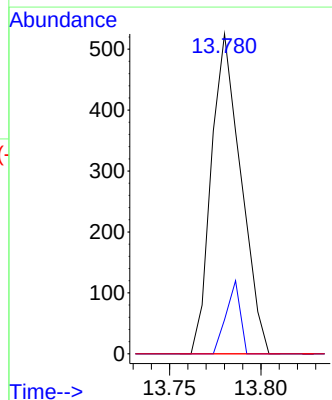
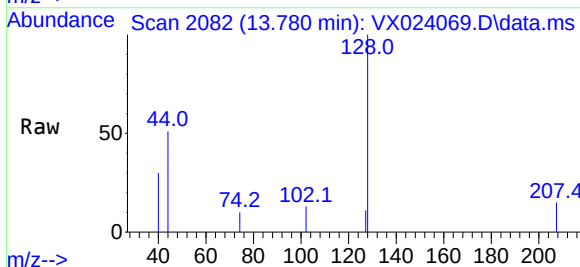
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

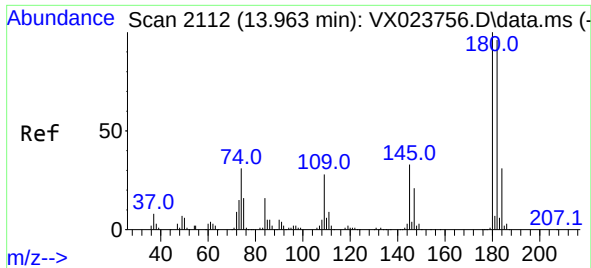
Tgt Ion:	225	Resp:	152
Ion	Ratio	Lower	Upper
225	100		
223	78.9	31.1	93.2
227	29.6	31.6	95.0#



#95
Naphthalene
Concen: 1.39 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024069.D
Acq: 02 Sep 2021 13:18

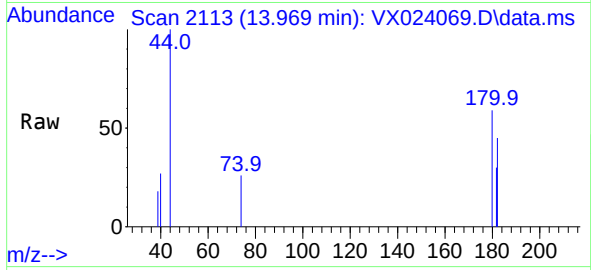
Tgt Ion:	128	Resp:	593
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.3	15.5
129	0.0	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX024069.D
 Acq: 02 Sep 2021 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL01



Tgt Ion:	180	Resp:	302
Ion	Ratio	Lower	Upper
180	100		
182	79.5	47.6	142.9
145	11.6	16.1	48.3#

