

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021991.D
 Acq On : 14 May 2021 13:33
 Operator : JC/MD
 Sample : M2383-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTW-03

Quant Time: May 15 01:04:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	79712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	186387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68330	52.09	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.18%
35) Dibromofluoromethane	5.397	113	58959	48.48	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.96%
50) Toluene-d8	8.653	98	232594	50.12	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.24%
62) 4-Bromofluorobenzene	11.085	95	102748	56.10	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.20%

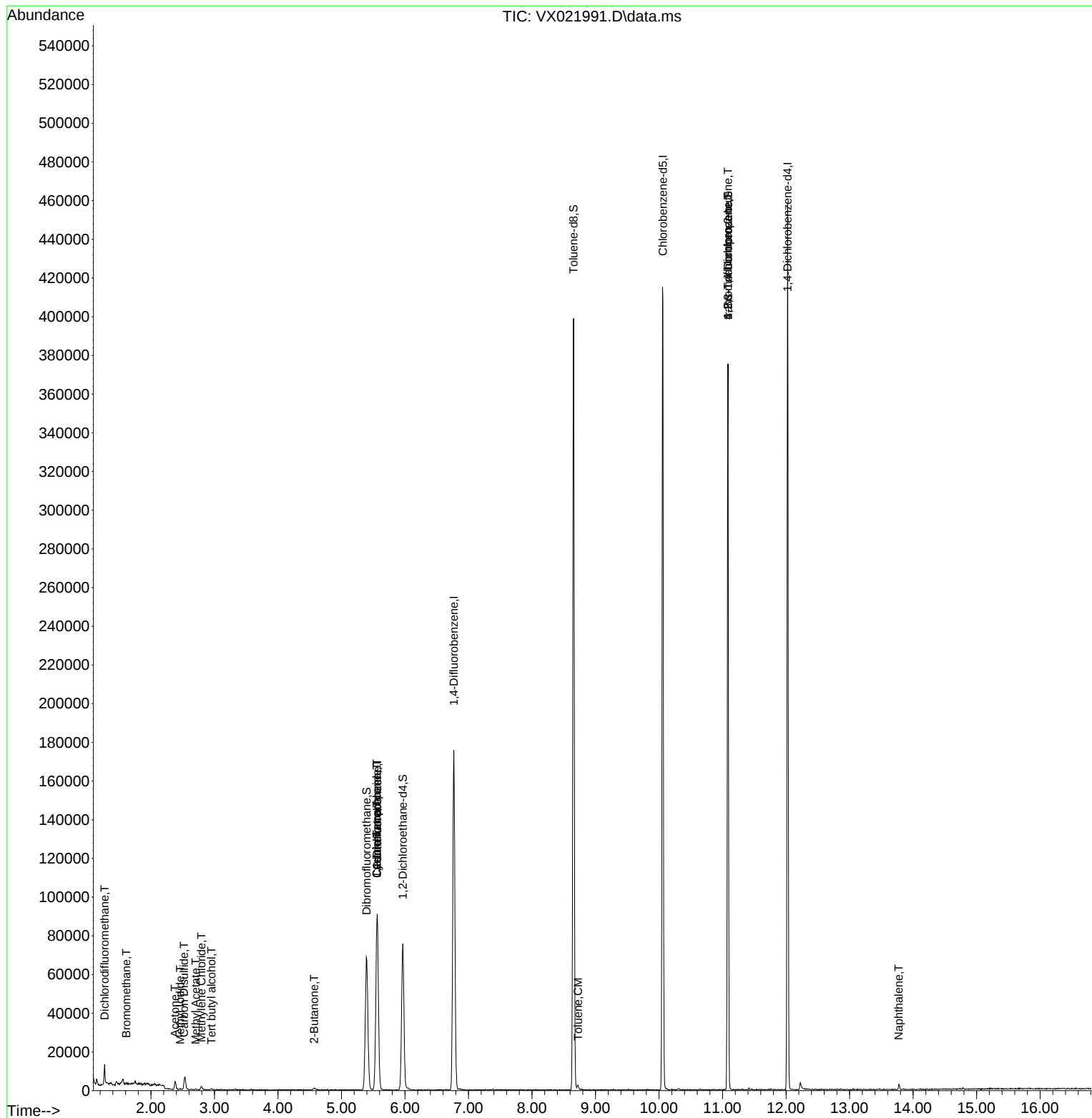
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	390	0.37	ug/l	91
5) Bromomethane	1.611	94	179	0.34	ug/l	100
10) Methyl Iodide	2.459	142	523	0.43	ug/l #	88
11) Tert butyl alcohol	2.953	59	189	0.54	ug/l #	73
13) Acrolein	2.227	56	78	Below	Cal #	14
16) Acetone	2.380	43	4261	7.24	ug/l	92
17) Carbon Disulfide	2.520	76	1288	0.43	ug/l #	86
18) Methyl Acetate	2.703	43	428	0.26	ug/l #	57
20) Methylene Chloride	2.794	84	760	0.77	ug/l	96
25) 2-Butanone	4.568	43	645	0.64	ug/l #	45
31) Cyclohexane	5.556	56	2153	1.24	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	7559	4.02	ug/l #	46
38) Carbon Tetrachloride	5.556	117	9110	4.84	ug/l #	16
52) Toluene	8.726	92	882	0.24	ug/l	84
76) 1,2,3-Trichloropropane	11.085	75	51947	21.69	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51947	50.32	ug/l #	12
95) Naphthalene	13.774	128	2054	0.27	ug/l #	88

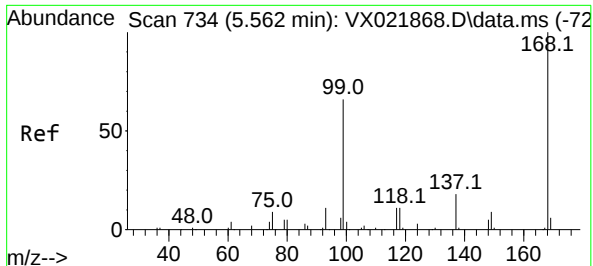
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
Data File : VX021991.D
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KTW-03

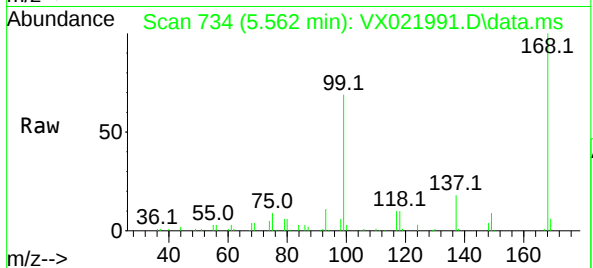
Quant Time: May 15 01:04:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
Response via : Initial Calibration



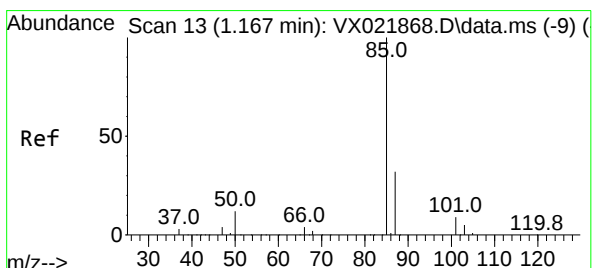
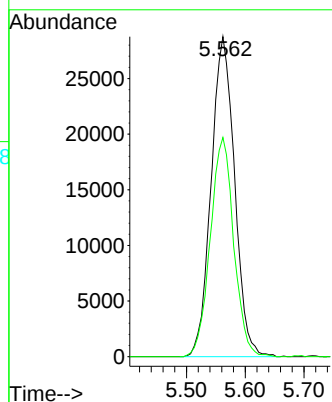
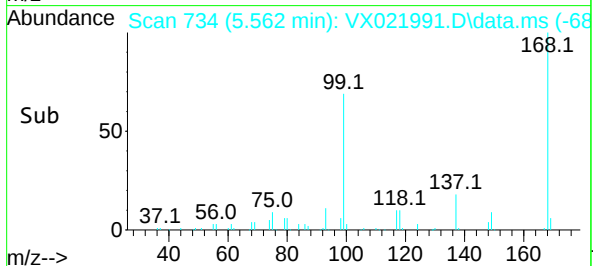


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

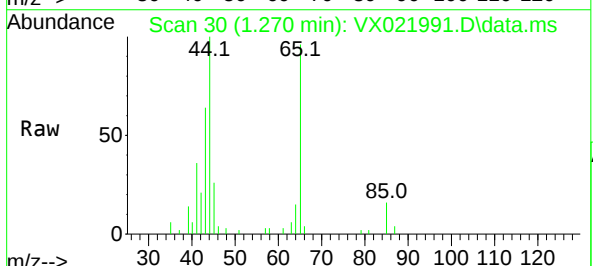
Instrument :
MSVOA_X
ClientSampleId :
KTW-03



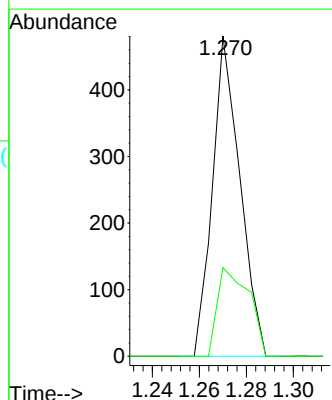
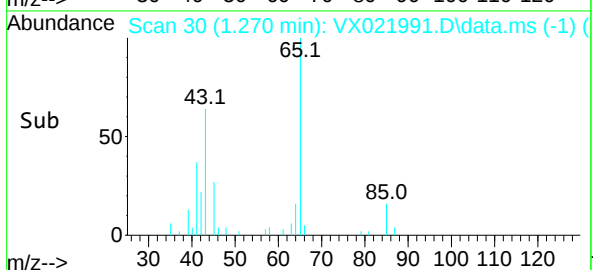
Tgt Ion:168 Resp: 79712
Ion Ratio Lower Upper
168 100
99 68.5 45.8 68.6

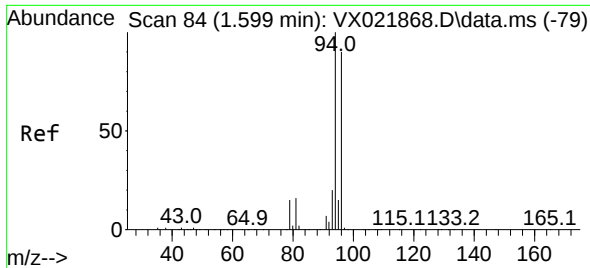


#2
Dichlorodifluoromethane
Concen: 0.37 ug/l
RT: 1.270 min Scan# 30
Delta R.T. 0.103 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33



Tgt Ion: 85 Resp: 390
Ion Ratio Lower Upper
85 100
87 27.7 16.4 49.2

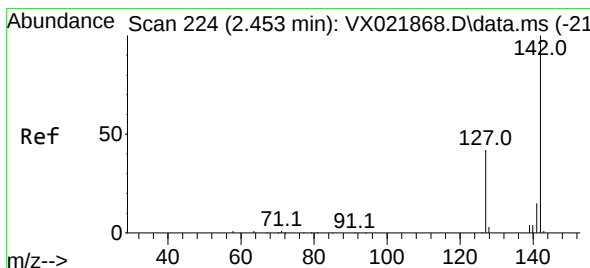
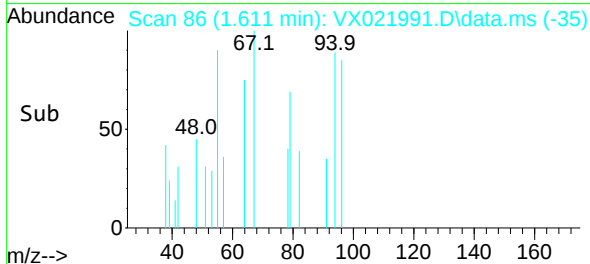
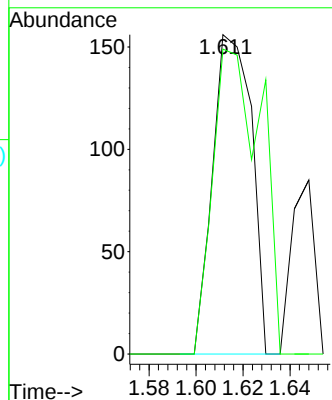
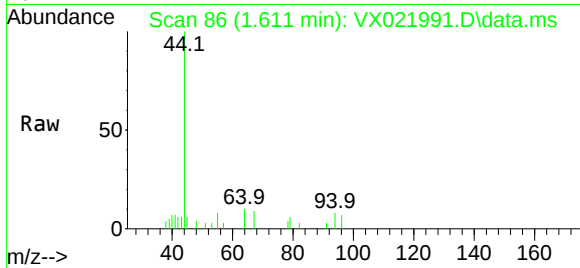




#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

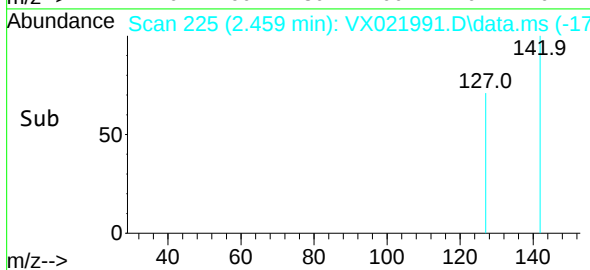
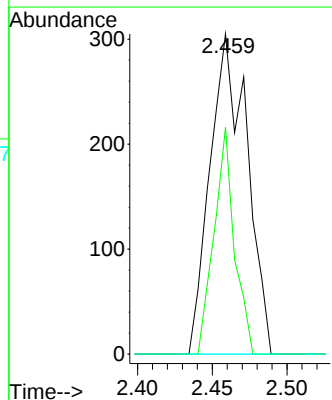
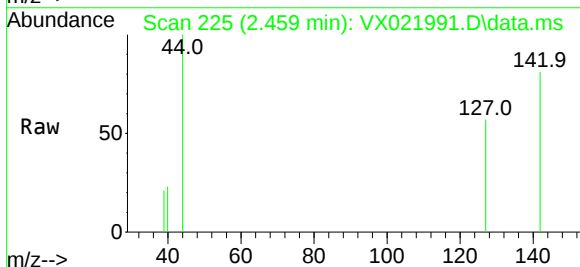
Instrument :
MSVOA_X
ClientSampled :
KTW-03

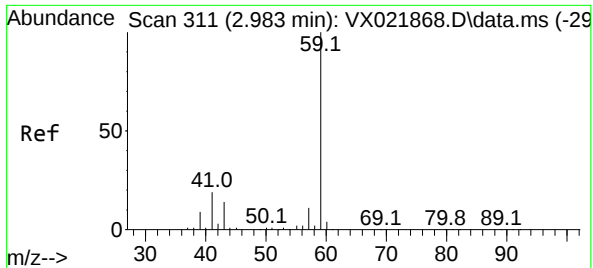
Tgt Ion: 94 Resp: 179
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6



#10
Methyl Iodide
Concen: 0.43 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 142 Resp: 523
Ion Ratio Lower Upper
142 100
127 39.0 33.3 49.9
141 0.0 11.4 17.0#



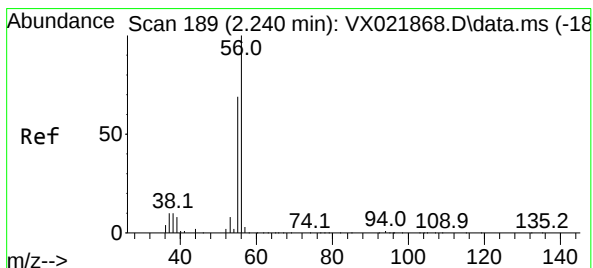
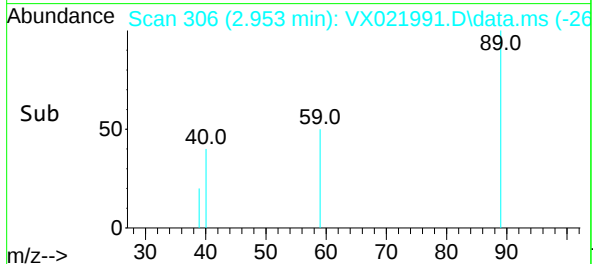
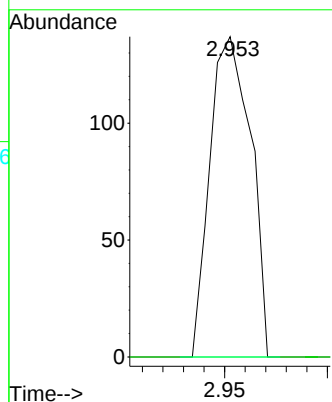
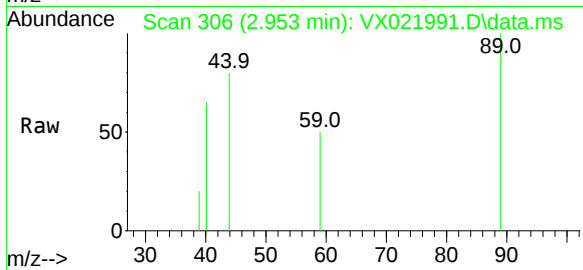


#11

Tert butyl alcohol
Concen: 0.54 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Instrument :
MSVOA_X
ClientSampled :
KTW-03

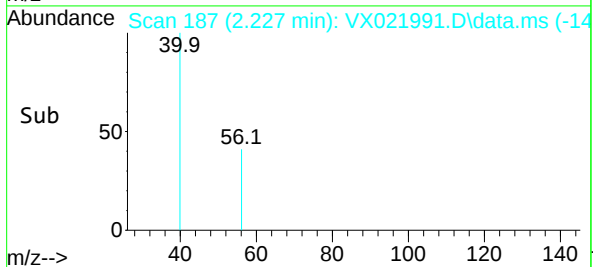
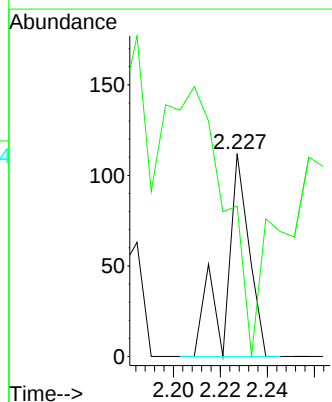
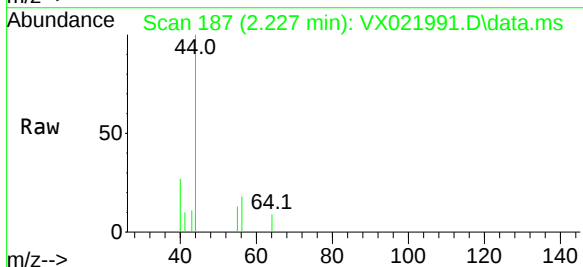
Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

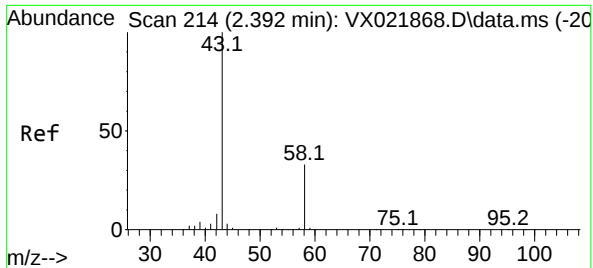


#13

Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

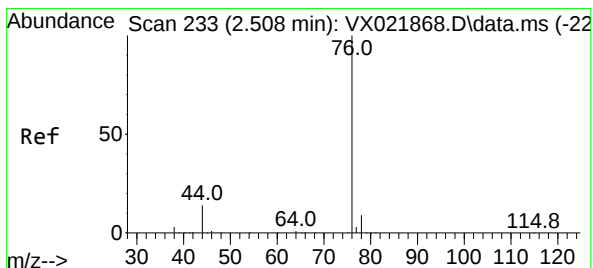
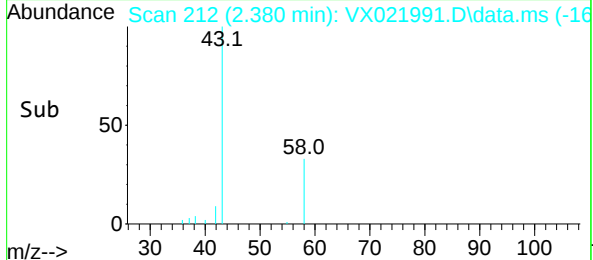
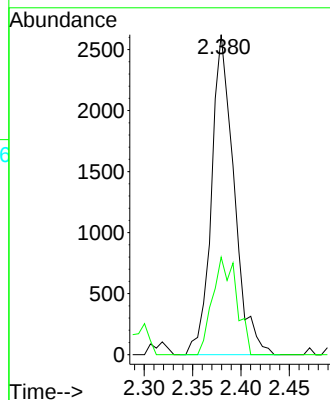
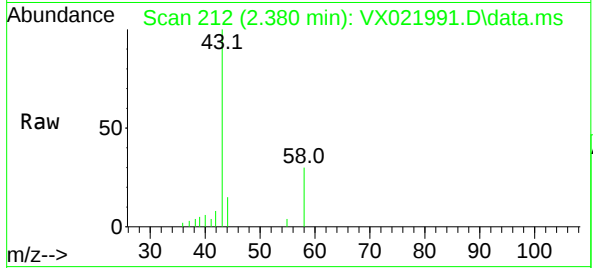




#16
Acetone
Concen: 7.24 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

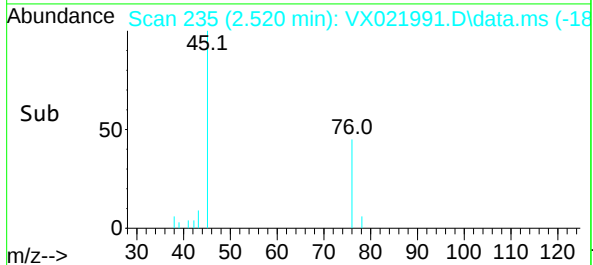
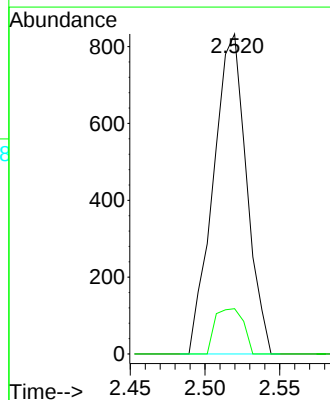
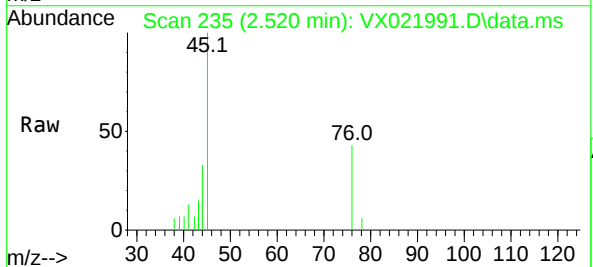
Instrument :
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ClientSampleId :
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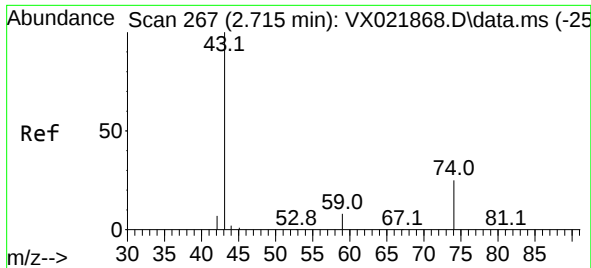
Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 76 Resp: 1288
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#

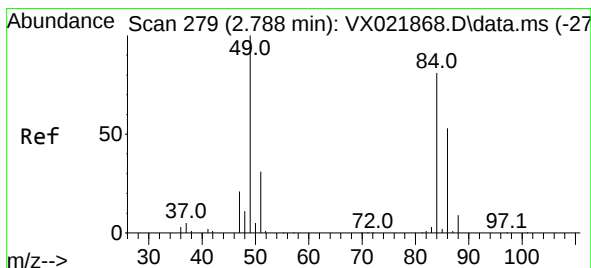
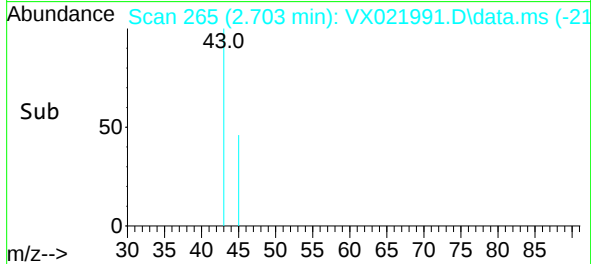
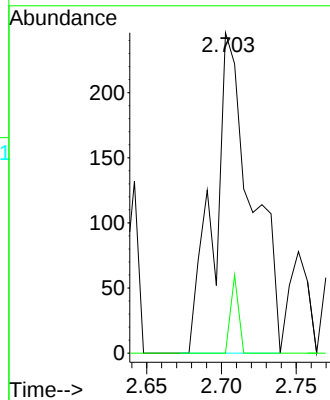
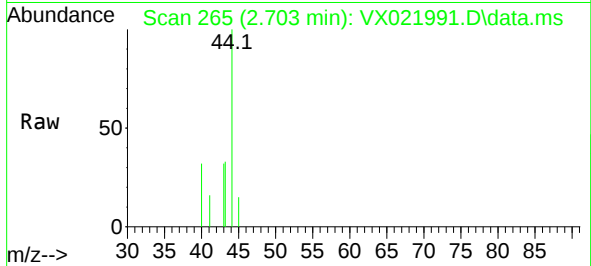




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

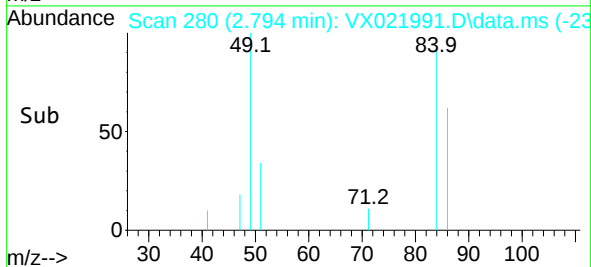
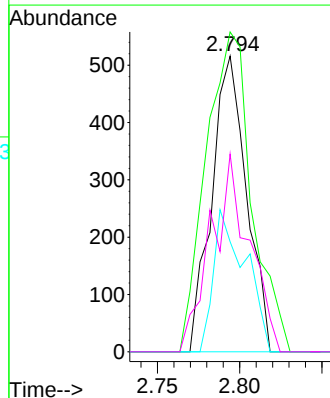
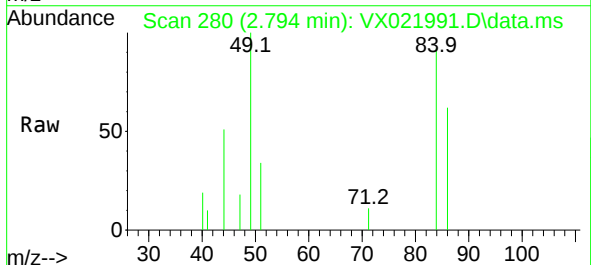
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ClientSampled :
KTW-03

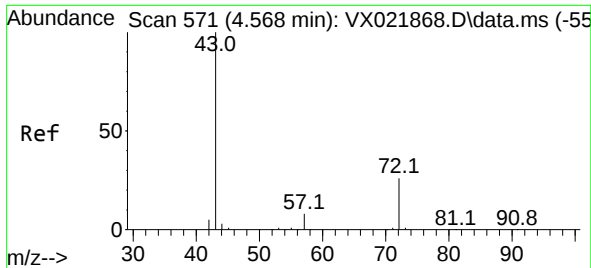
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
74 5.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.77 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 84 Resp: 760
Ion Ratio Lower Upper
84 100
49 108.1 88.6 132.8
51 37.2 27.0 40.6
86 66.9 50.3 75.5

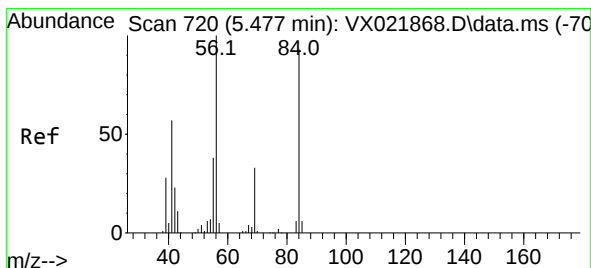
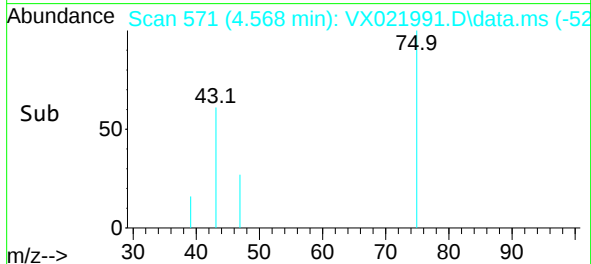
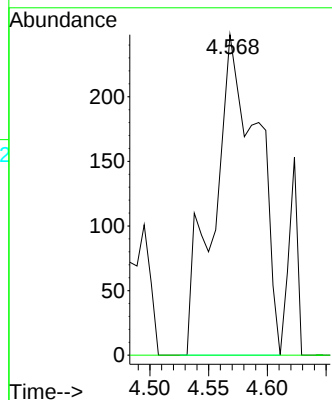
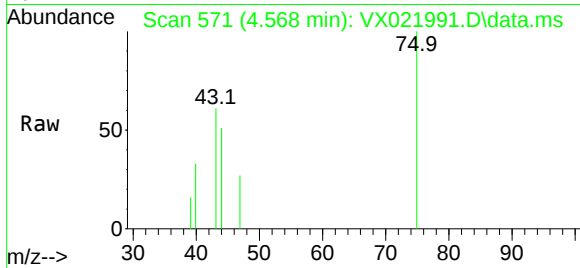




#25
2-Butanone
Concen: 0.64 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

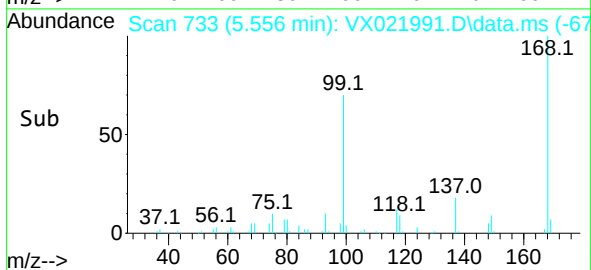
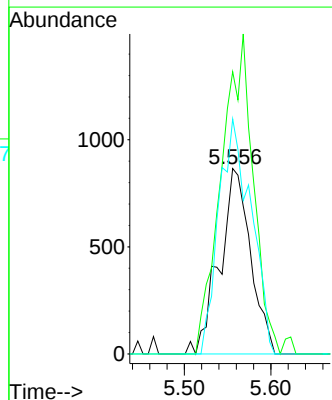
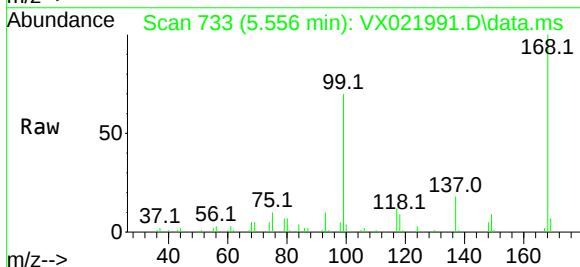
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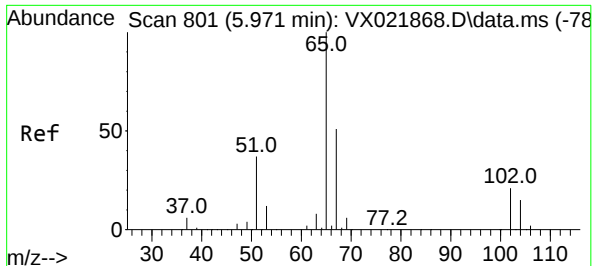
Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 56 Resp: 2153
Ion Ratio Lower Upper
56 100
69 152.2 25.3 37.9#
84 126.7 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.09 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021991.D

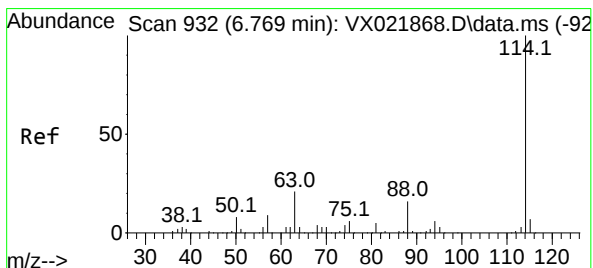
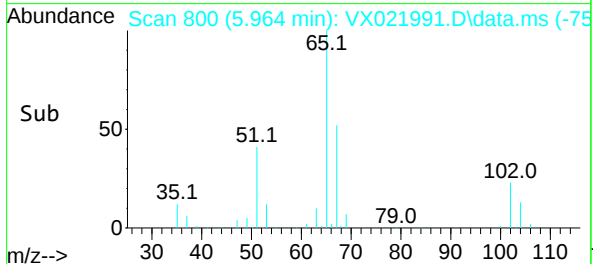
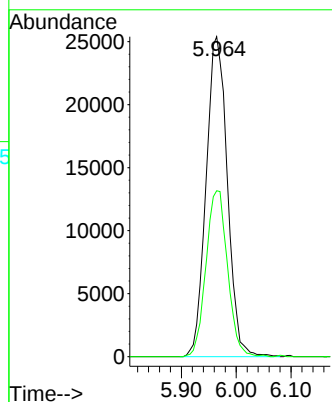
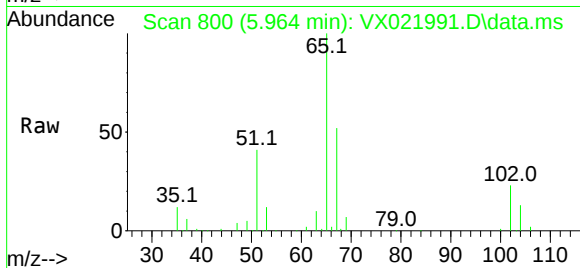
Acq: 14 May 2021 13:33

Tgt Ion: 65 Resp: 68330

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021991.D

Acq: 14 May 2021 13:33

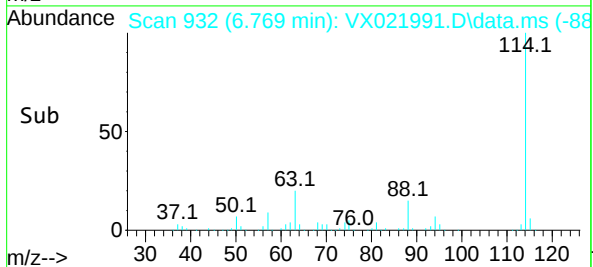
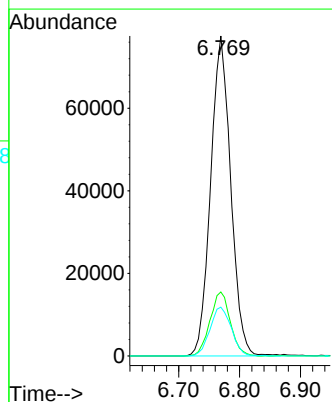
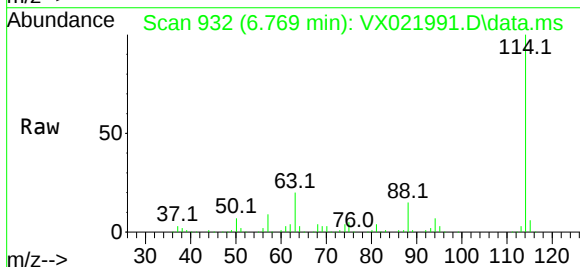
Tgt Ion: 114 Resp: 177466

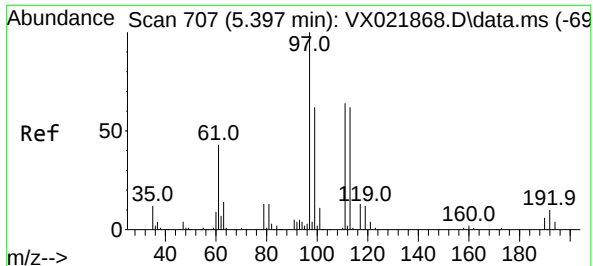
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.2 0.0 32.8

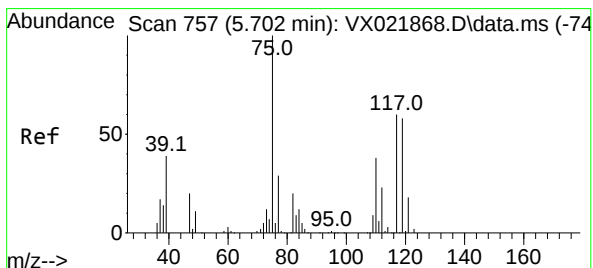
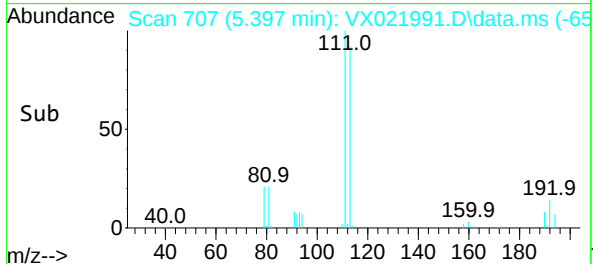
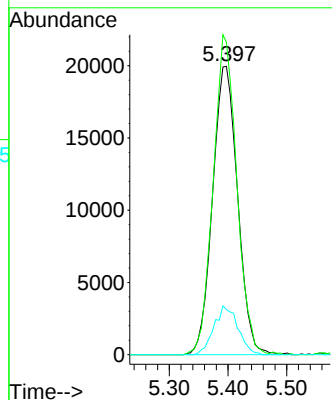
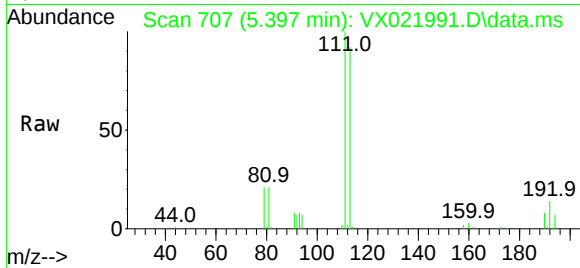




#35
Dibromofluoromethane
Concen: 48.48 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

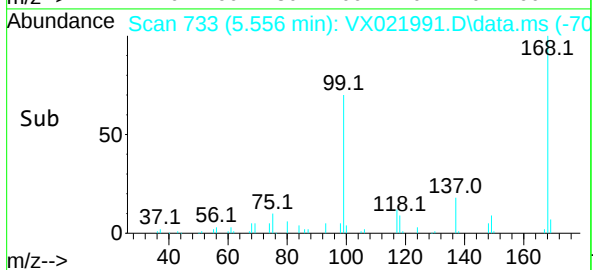
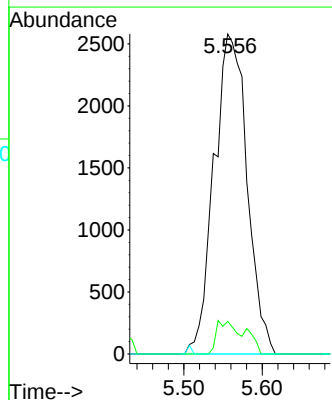
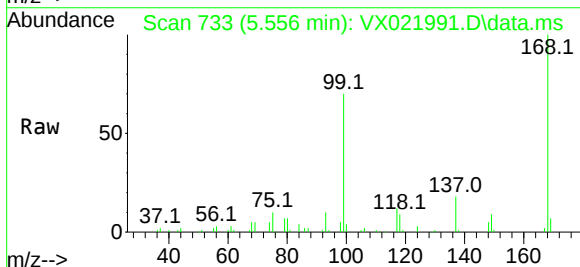
Instrument :
MSVOA_X
ClientSampleId :
KTW-03

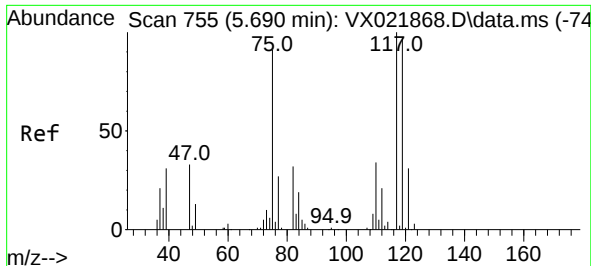
Tgt Ion:113 Resp: 58959
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 16.2 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.02 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

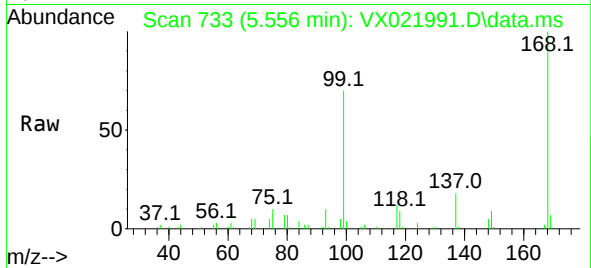
Tgt Ion: 75 Resp: 7559
Ion Ratio Lower Upper
75 100
110 6.5 18.1 54.4#
77 0.0 25.3 37.9#



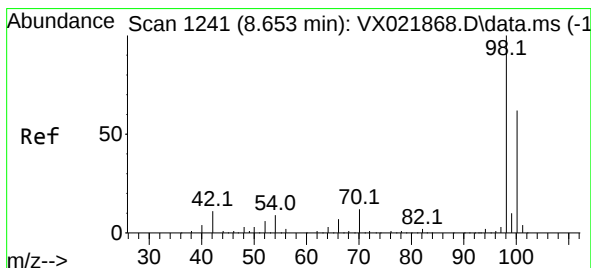
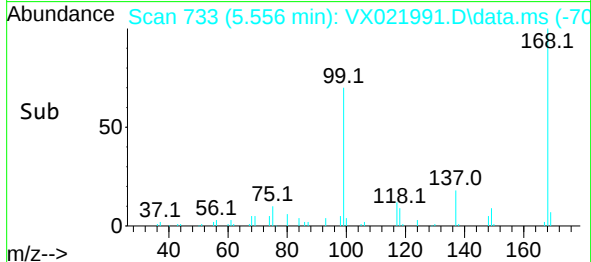
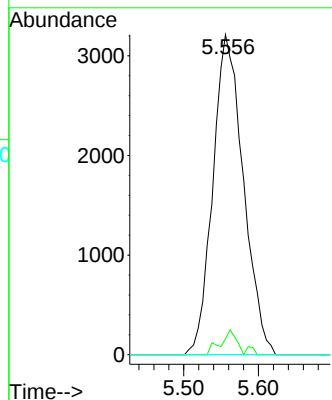


#38
Carbon Tetrachloride
Concen: 4.84 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Instrument :
MSVOA_X
ClientSampled :
KTW-03

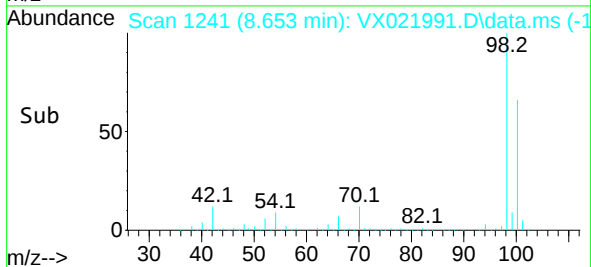
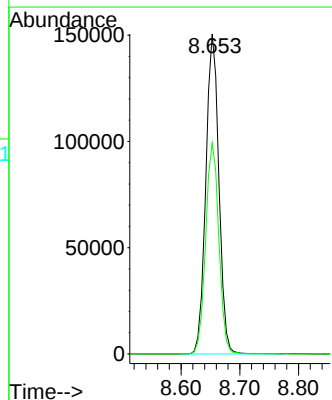
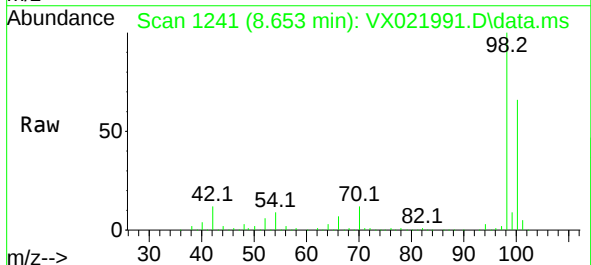


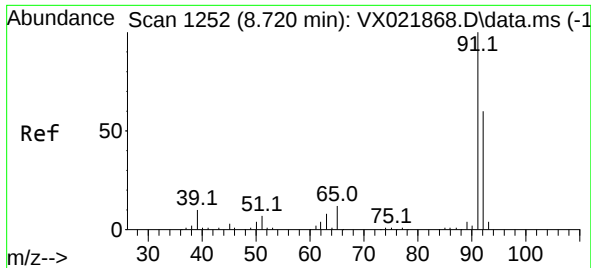
Tgt Ion: 117 Resp: 9110
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.12 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 98 Resp: 232594
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

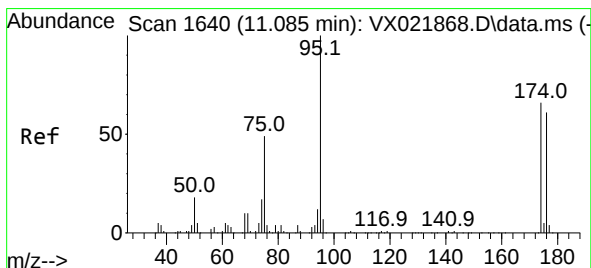
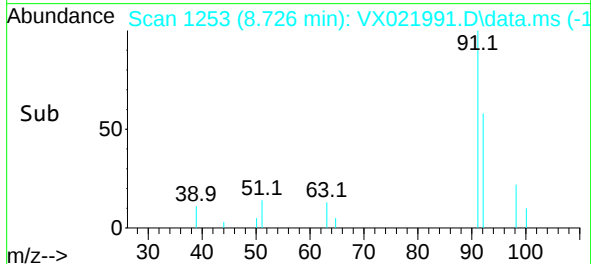
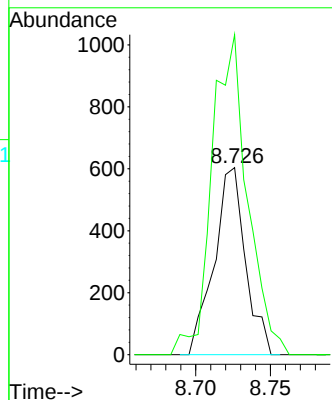
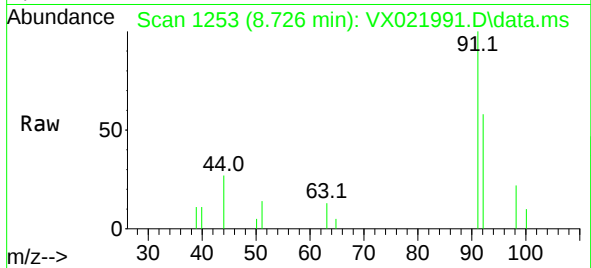




#52
Toluene
Concen: 0.24 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

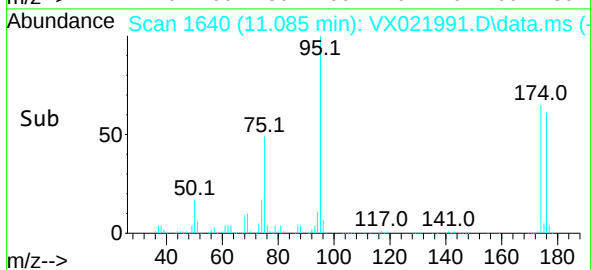
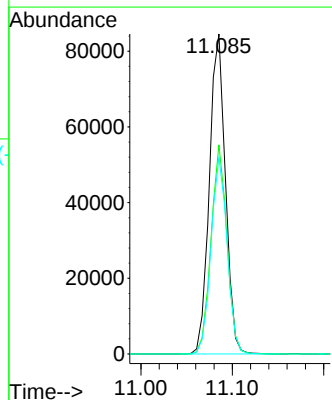
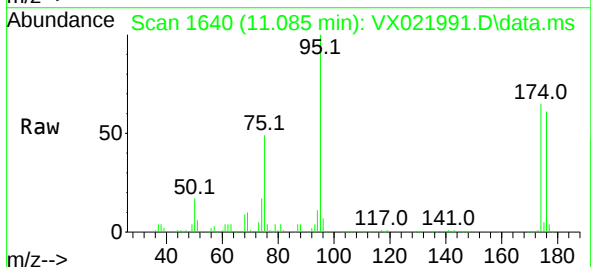
Instrument :
MSVOA_X
ClientSampled :
KTW-03

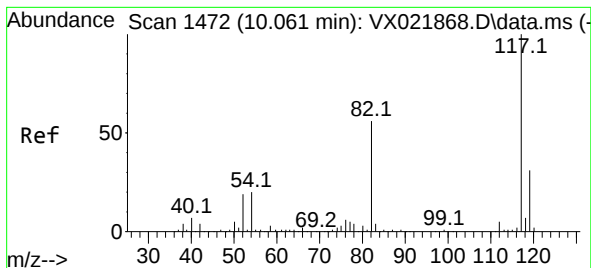
Tgt Ion: 92 Resp: 882
Ion Ratio Lower Upper
92 100
91 193.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 56.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion: 95 Resp: 102748
Ion Ratio Lower Upper
95 100
174 64.8 0.0 154.6
176 61.5 0.0 155.8

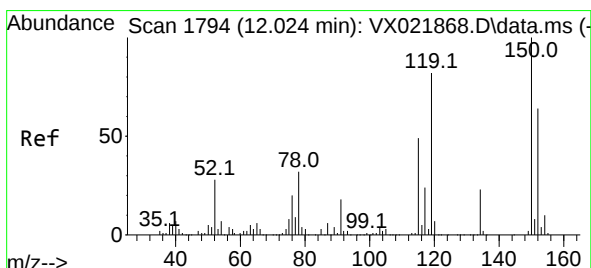
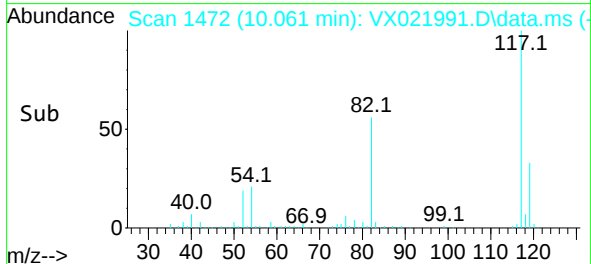
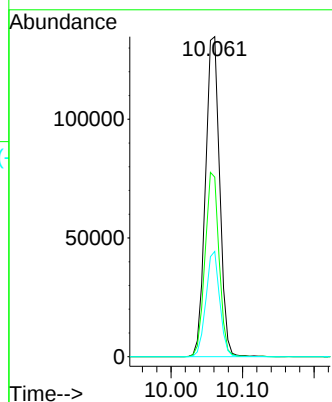
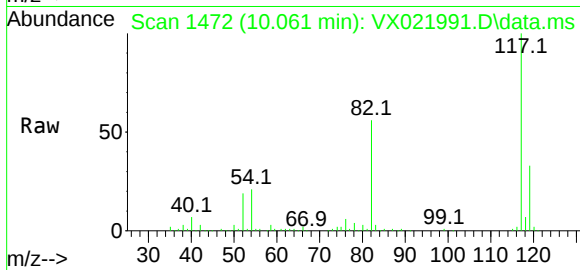




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

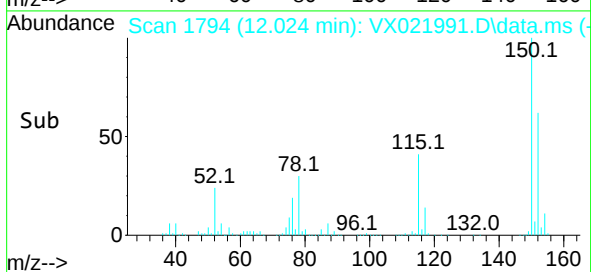
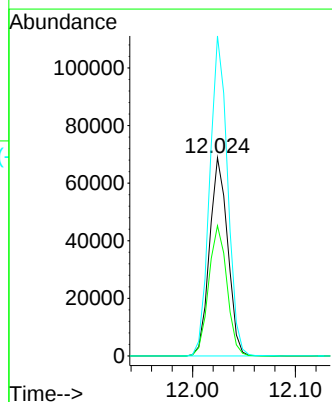
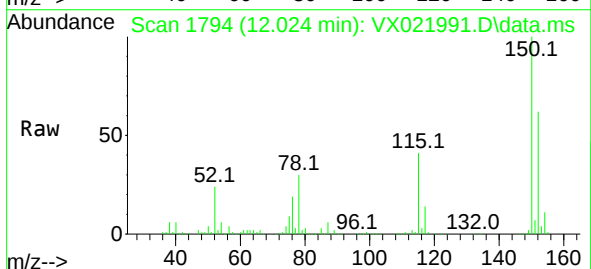
Instrument :
MSVOA_X
ClientSampled :
KTW-03

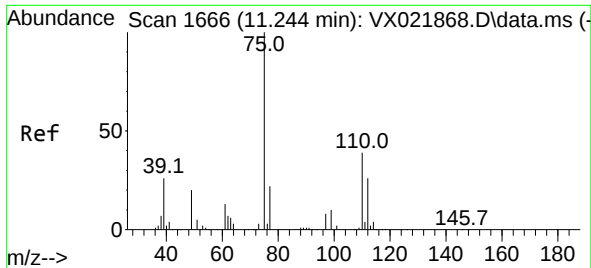
Tgt Ion:117 Resp: 186387
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Tgt Ion:152 Resp: 84236
Ion Ratio Lower Upper
152 100
115 66.0 41.1 123.3
150 158.9 0.0 349.0

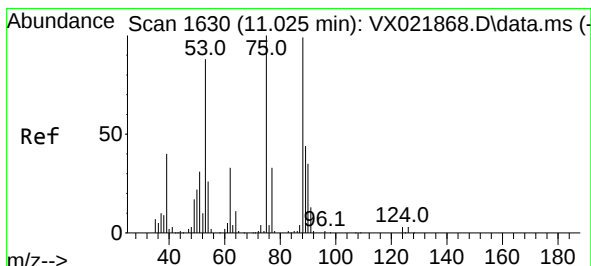
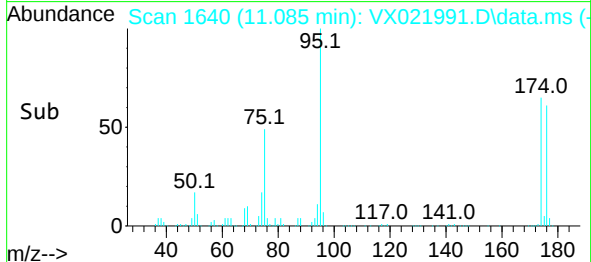
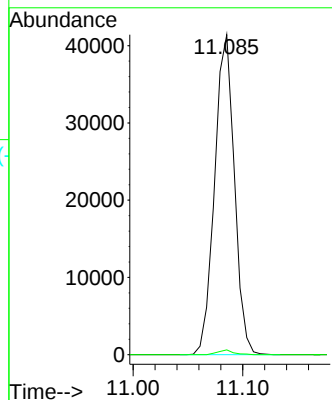
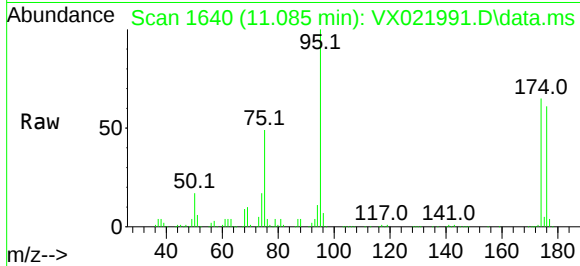




#76
1,2,3-Trichloropropane
Concen: 21.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

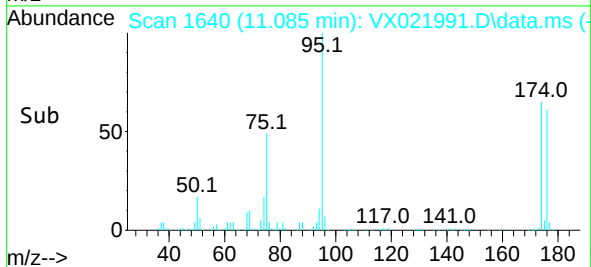
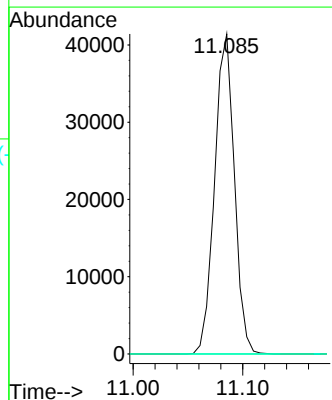
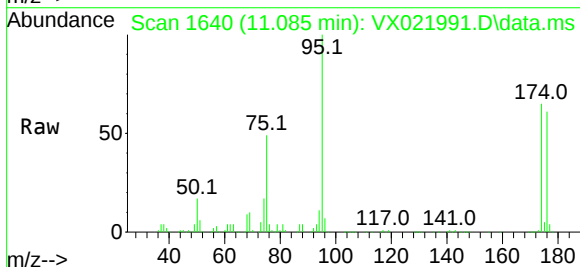
Instrument :
MSVOA_X
ClientSampled :
KTW-03

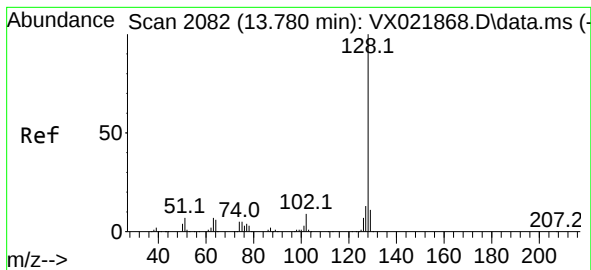
Tgt Ion: 75 Resp: 51947
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.32 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

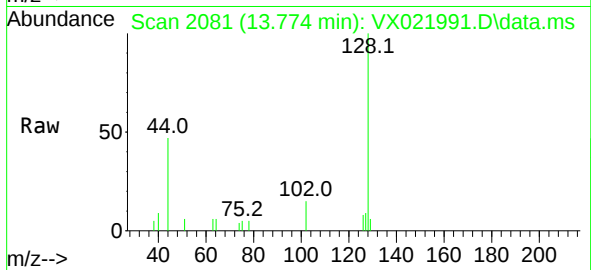
Tgt Ion: 75 Resp: 51947
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.27 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX021991.D
Acq: 14 May 2021 13:33

Instrument :
MSVOA_X
ClientSampleId :
KTW-03



Tgt Ion:128 Resp: 2054
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 5.2 8.8 13.2#

