

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029589.D
 Acq On : 18 Jun 2022 23:11
 Operator : JC/MD
 Sample : VX0618WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL02

Quant Time: Jun 20 01:38:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

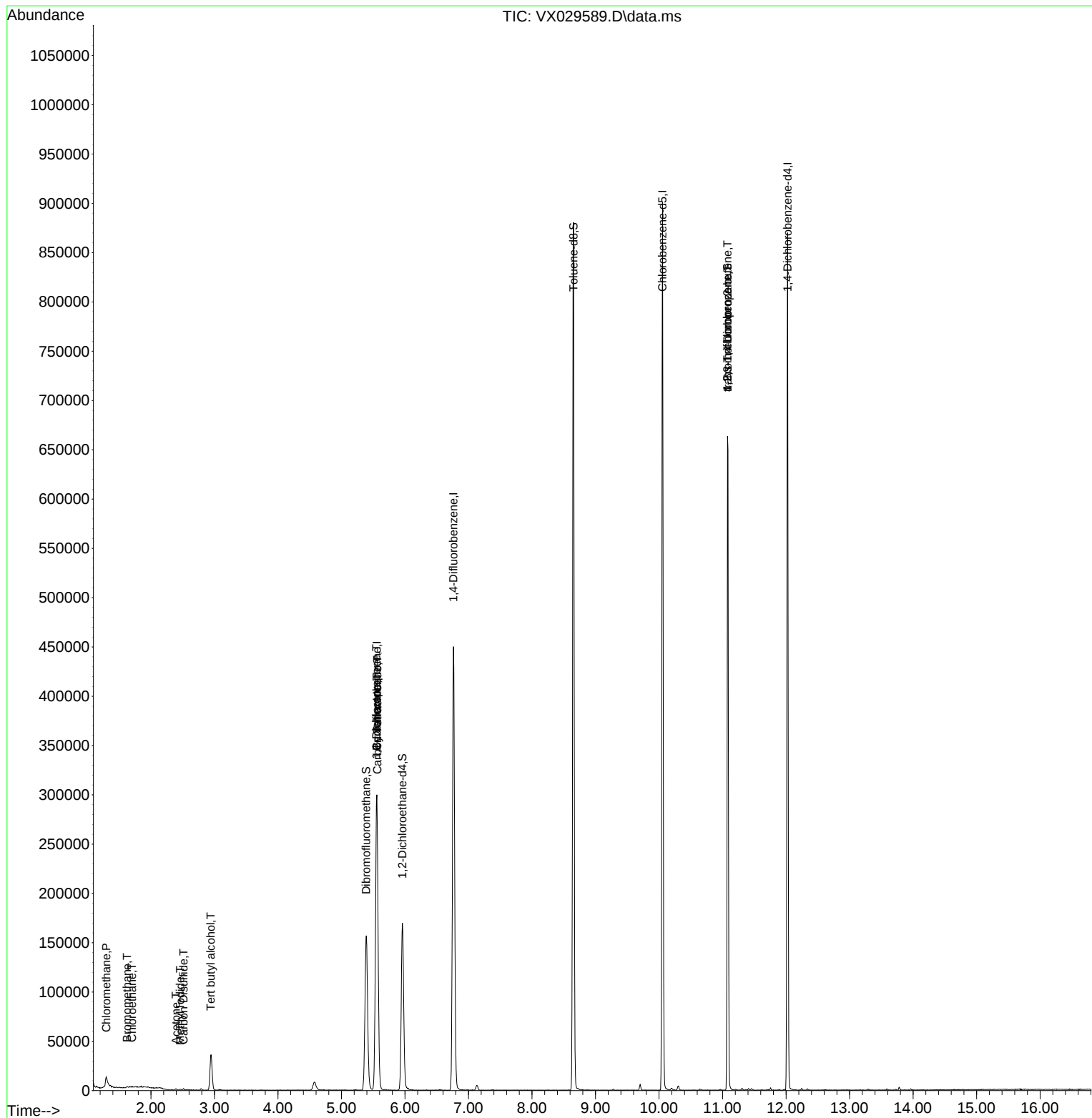
Internal Standards						
1) Pentafluorobenzene	5.556	168	285867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162363	42.907	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.820%		
35) Dibromofluoromethane	5.385	113	142187	45.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.200%		
50) Toluene-d8	8.653	98	542002	47.585	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	11.079	95	197500	45.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.960%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1277	0.342	ug/l	89
5) Bromomethane	1.624	94	574	0.328	ug/l	84
6) Chloroethane	1.703	64	829	1.593	ug/l #	43
10) Methyl Iodide	2.459	142	877	3.259	ug/l #	88
11) Tert butyl alcohol	2.941	59	21731	17.756	ug/l #	75
16) Acetone	2.392	43	1063	0.705	ug/l	89
17) Carbon Disulfide	2.514	76	1742	0.232	ug/l	99
31) Cyclohexane	5.556	56	5504	1.083	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21220	5.029	ug/l #	49
38) Carbon Tetrachloride	5.562	117	29663	7.148	ug/l #	15
44) Trichloroethene	7.141	130	2155	Below Cal		88
76) 1,2,3-Trichloropropane	11.079	75	94042	23.793	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94042	79.153	ug/l #	15

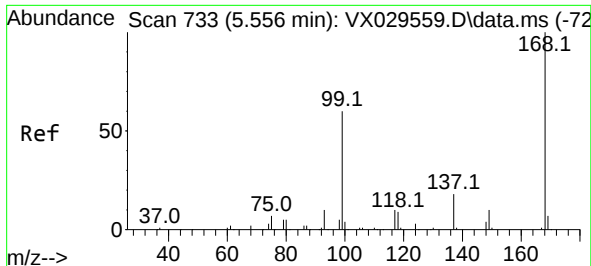
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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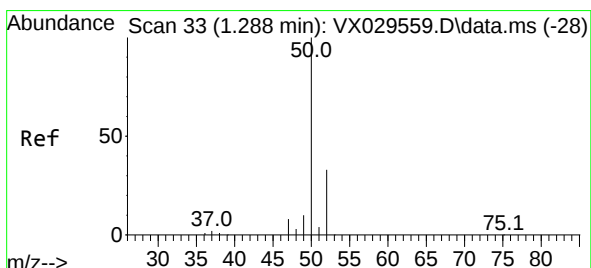
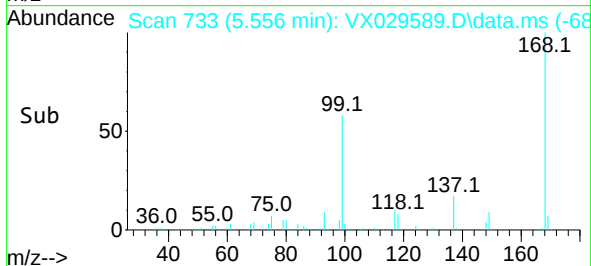
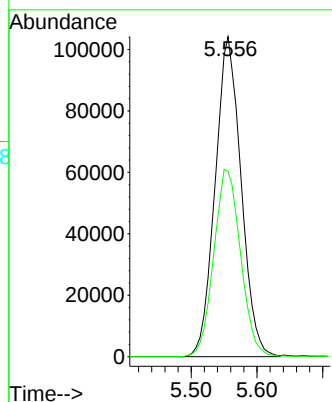
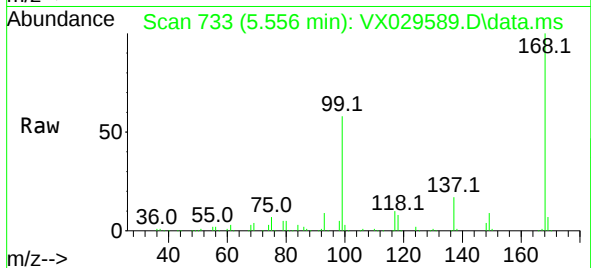




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

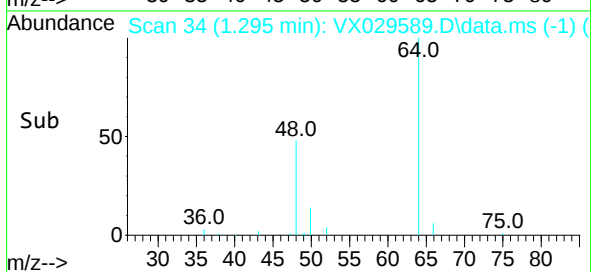
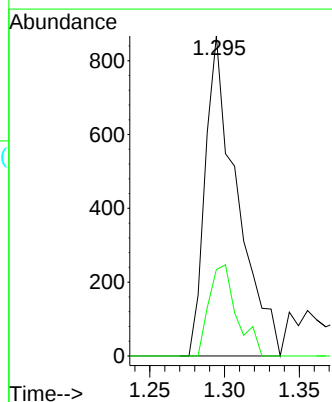
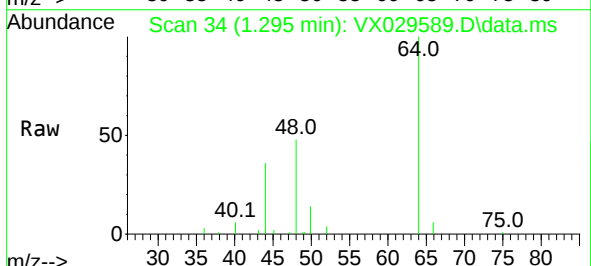
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

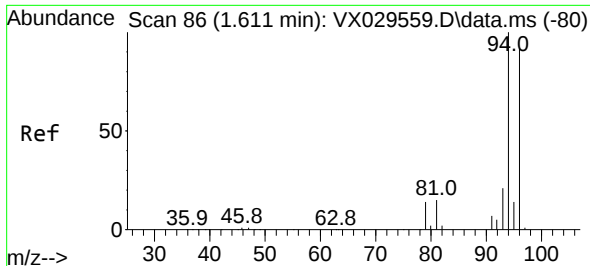
Tgt Ion:168 Resp: 285867
Ion Ratio Lower Upper
168 100
99 57.9 41.7 62.5



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion: 50 Resp: 1277
Ion Ratio Lower Upper
50 100
52 27.0 26.4 39.6

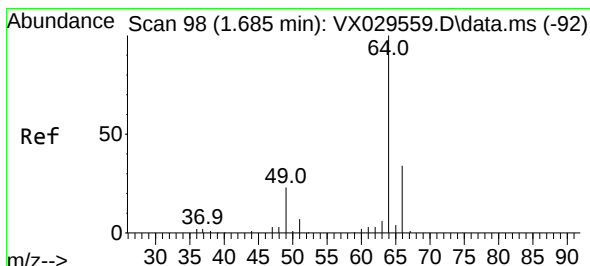
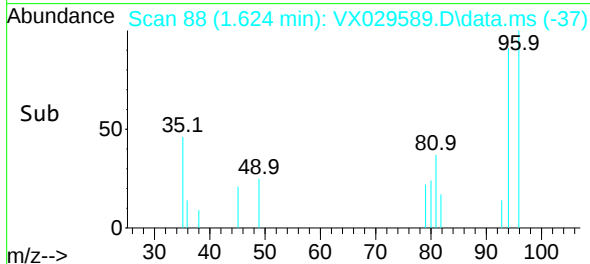
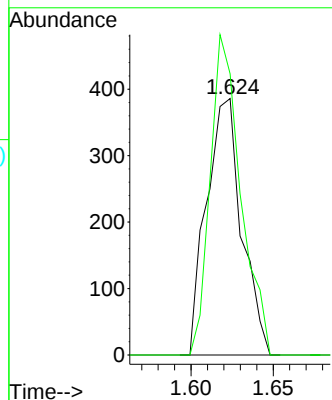
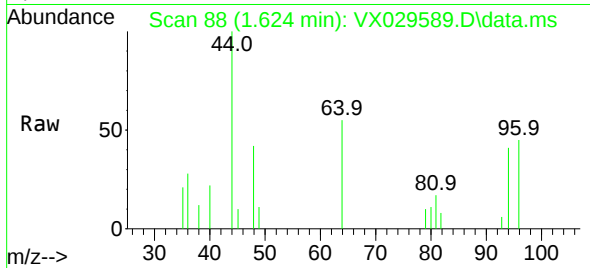




#5
Bromomethane
Concen: 0.328 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

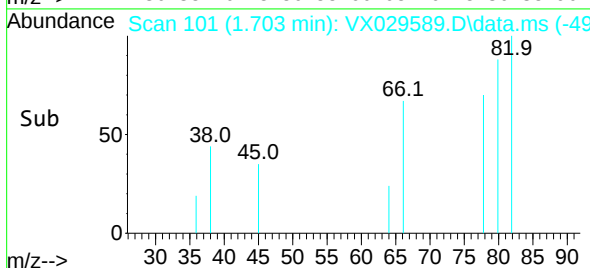
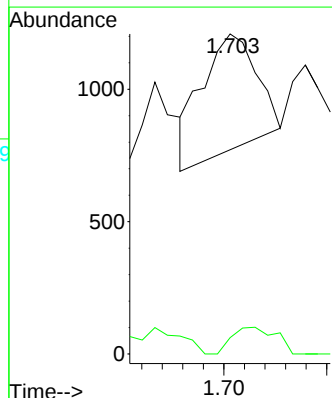
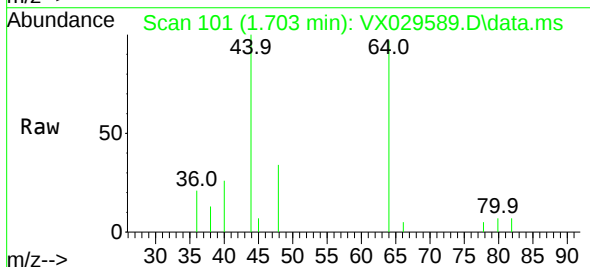
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

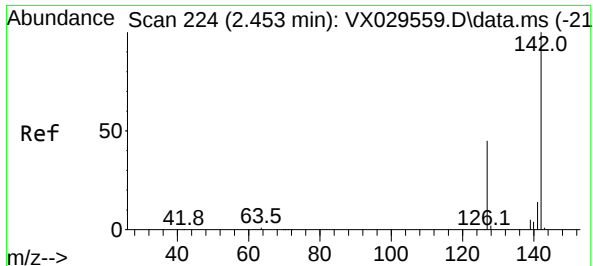
Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 109.6 75.3 112.9



#6
Chloroethane
Concen: 1.593 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

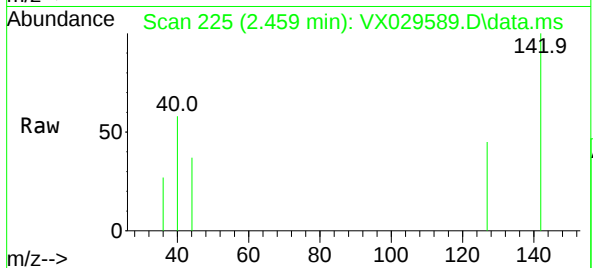
Tgt Ion: 64 Resp: 829
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



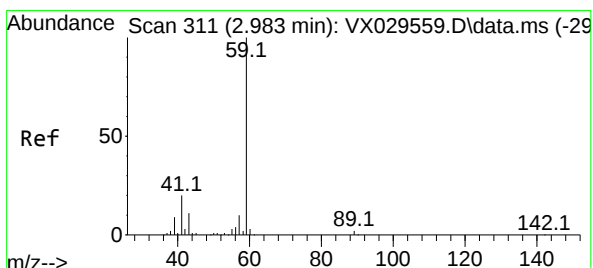
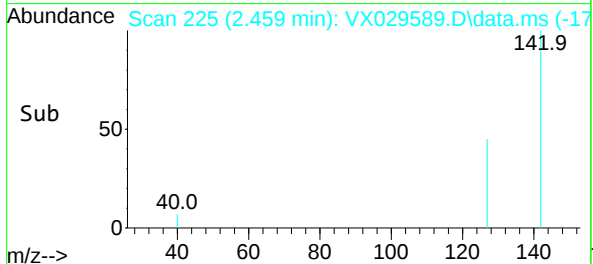
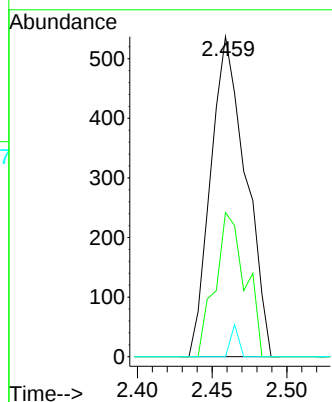


#10
Methyl Iodide
Concen: 3.259 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

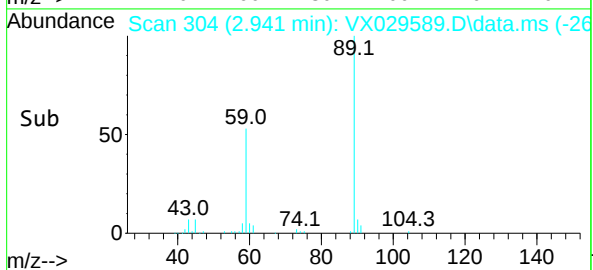
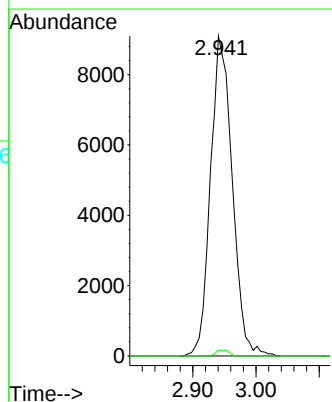
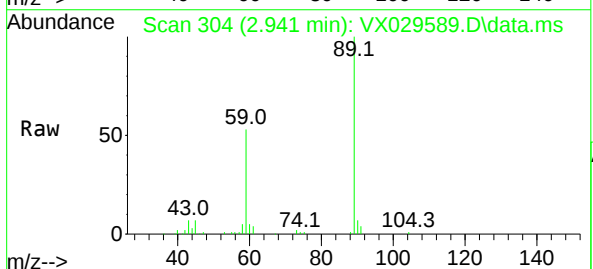


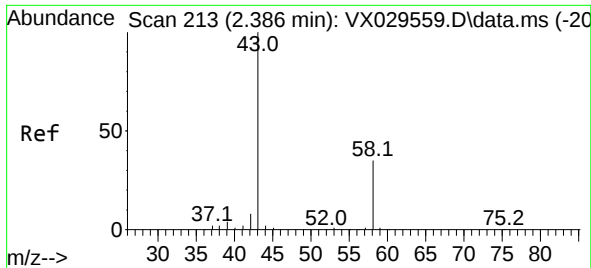
Tgt Ion:142 Resp: 877
Ion Ratio Lower Upper
142 100
127 38.4 33.9 50.9
141 2.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 17.756 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion: 59 Resp: 21731
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#

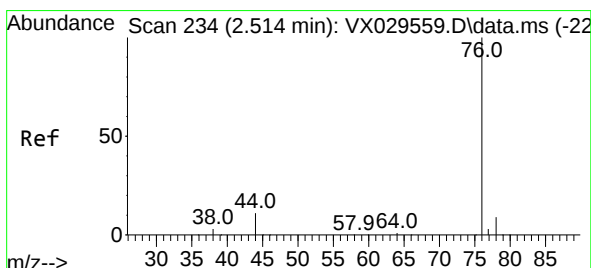
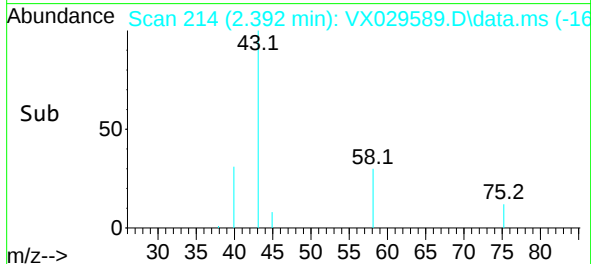
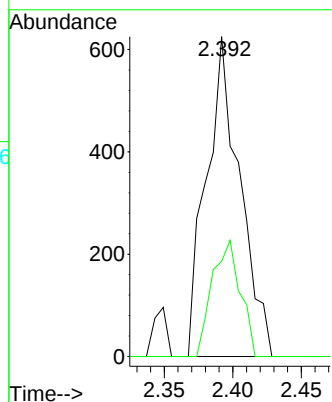
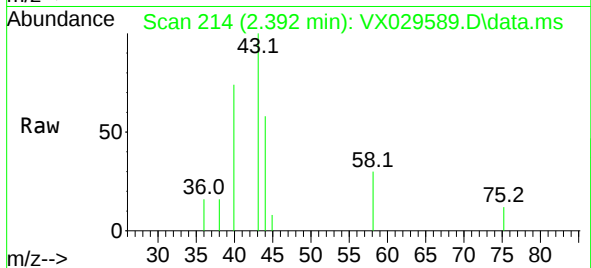




#16
Acetone
Concen: 0.705 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

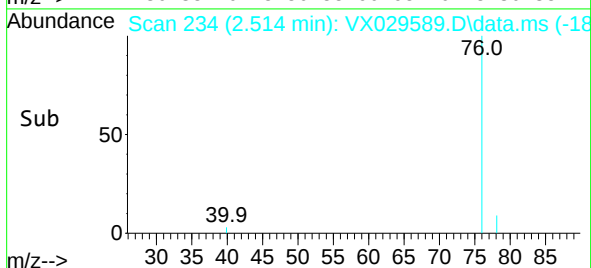
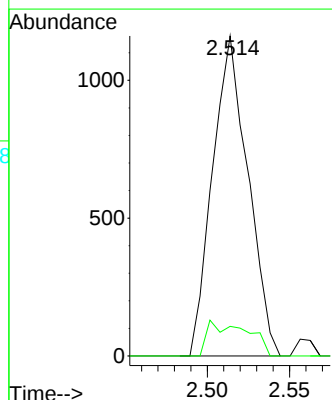
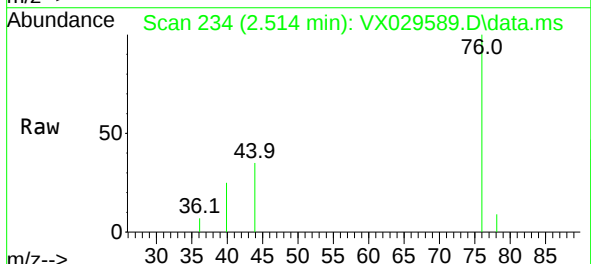
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

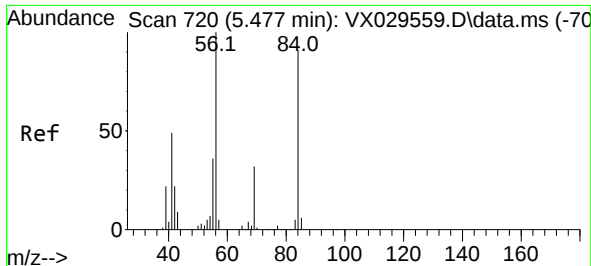
Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
58 29.8 28.8 43.2



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion: 76 Resp: 1742
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

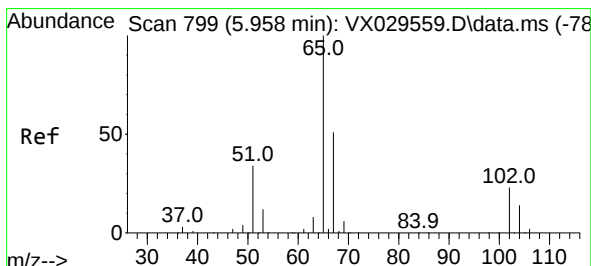
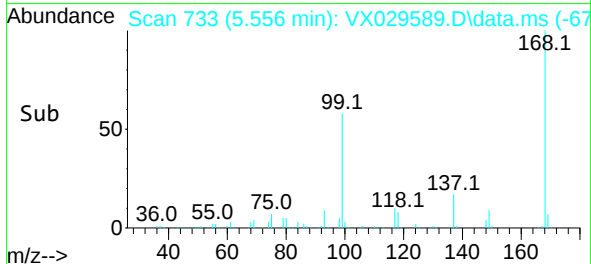
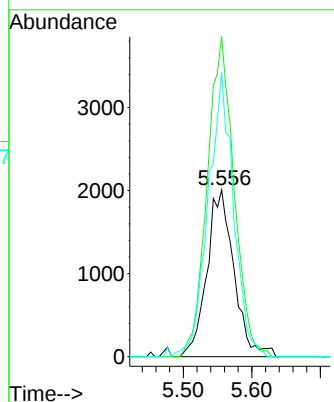
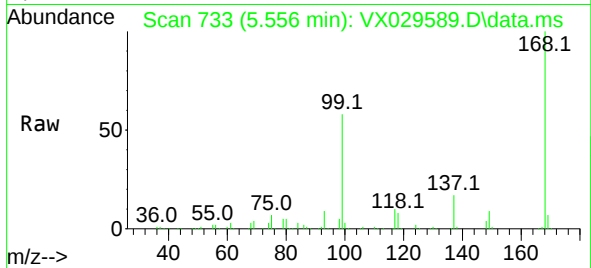




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

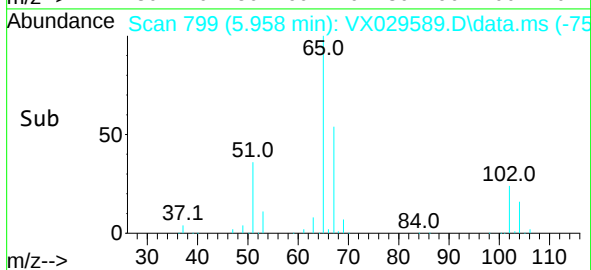
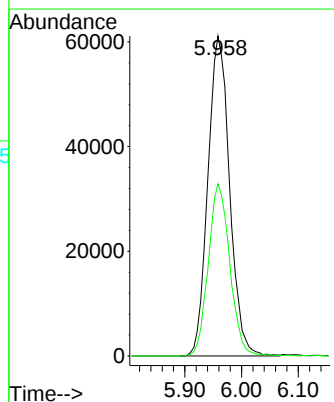
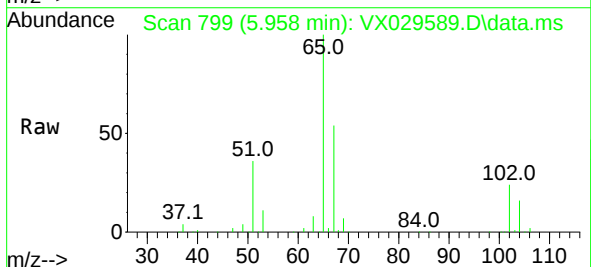
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

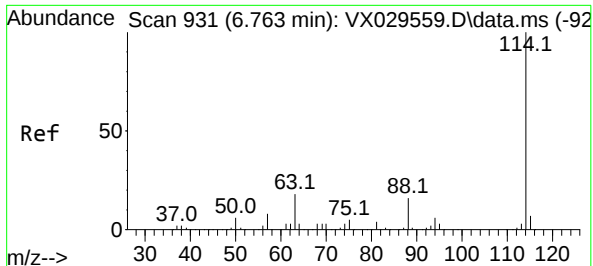
Tgt Ion: 56 Resp: 5504
Ion Ratio Lower Upper
56 100
69 191.9 26.7 40.1#
84 170.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.907 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion: 65 Resp: 162363
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

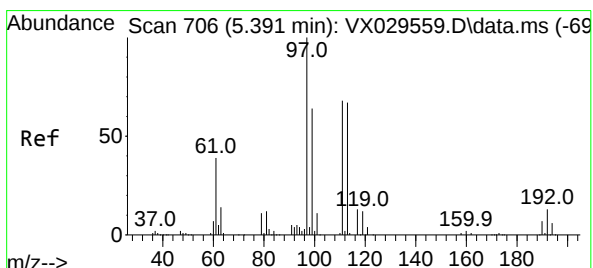
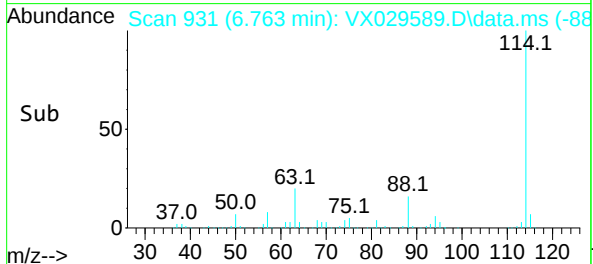
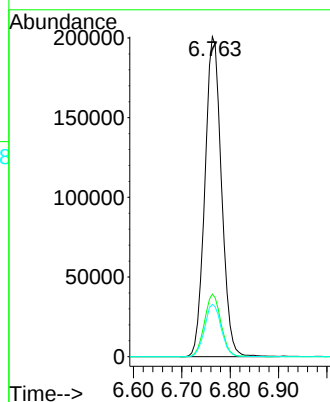
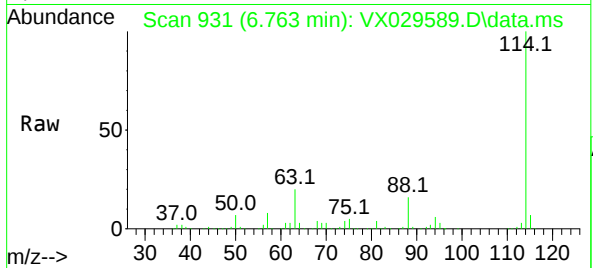




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

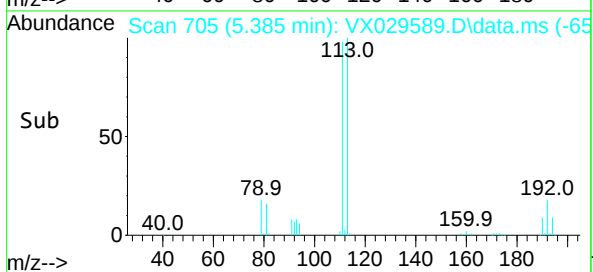
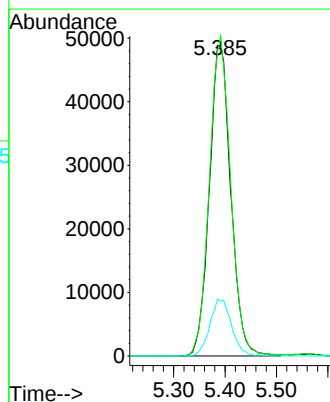
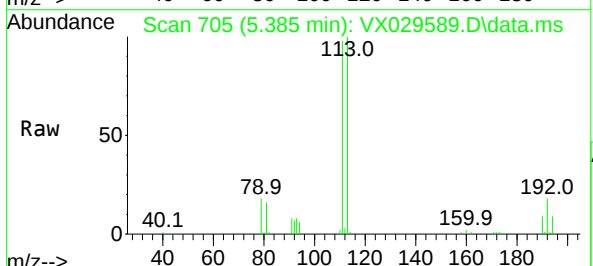
Instrument :
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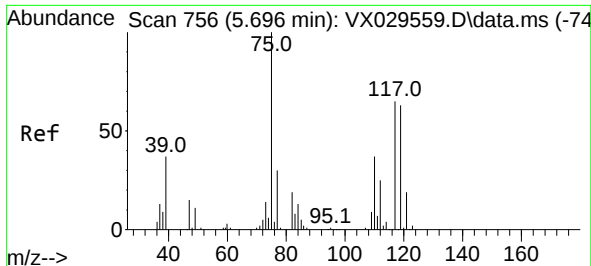
Tgt Ion:114 Resp: 478431
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.604 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion:113 Resp: 142187
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.029 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029589.D

Acq: 18 Jun 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBL02

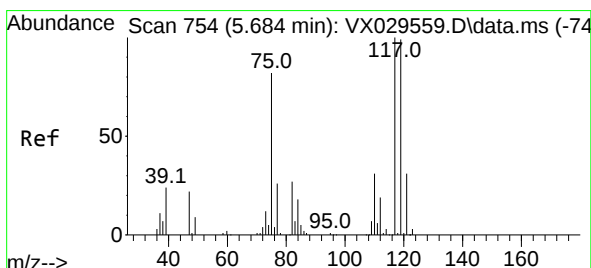
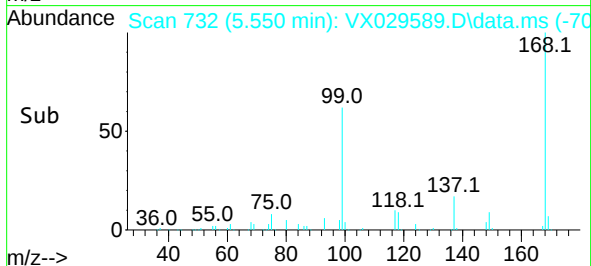
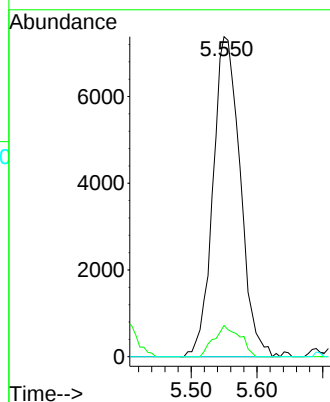
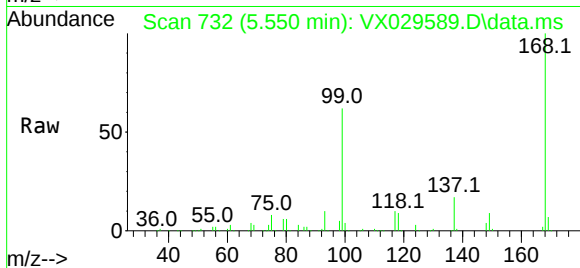
Tgt Ion: 75 Resp: 21220

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.148 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX029589.D

Acq: 18 Jun 2022 23:11

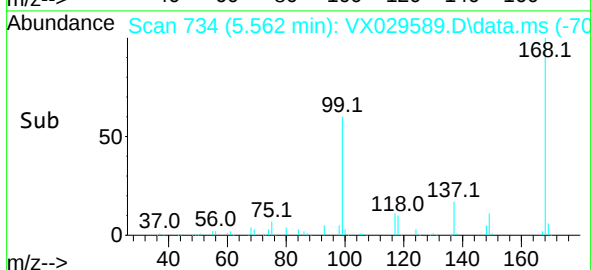
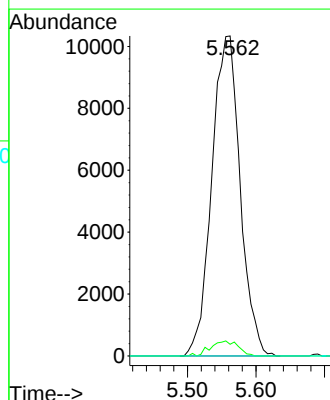
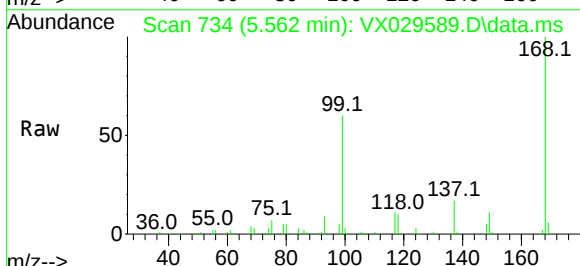
Tgt Ion: 117 Resp: 29663

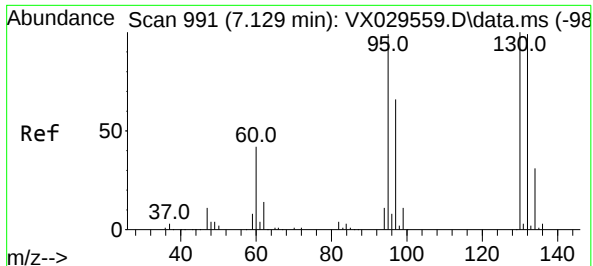
Ion Ratio Lower Upper

117 100

119 3.6 77.3 115.9#

121 0.0 24.2 36.2#

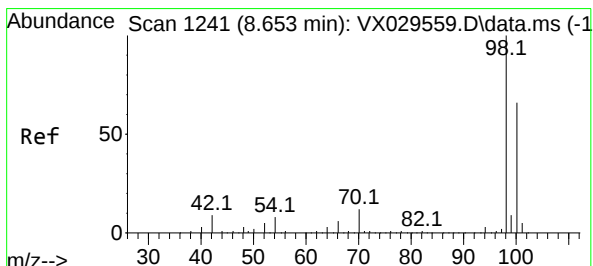
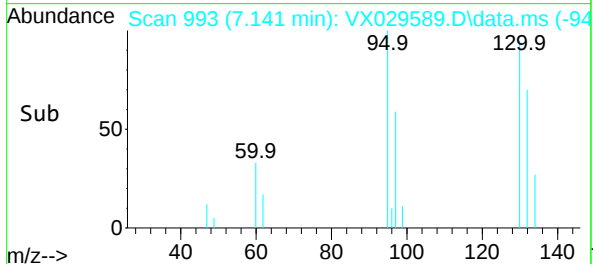
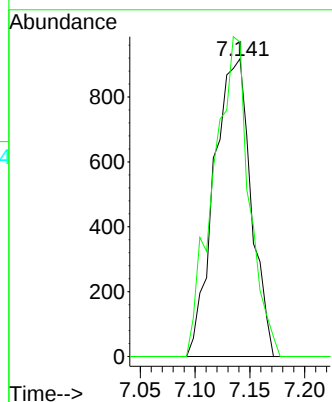
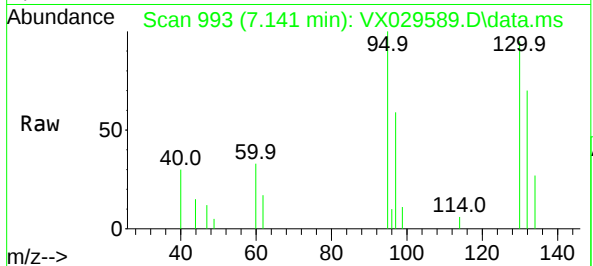




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 94
Delta R.T. 0.012 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

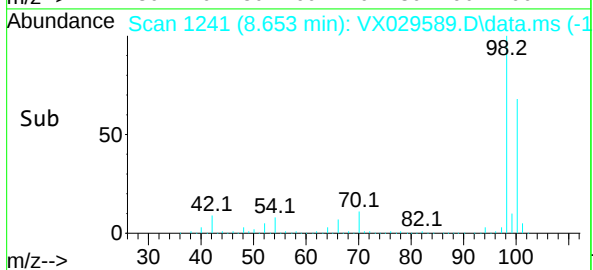
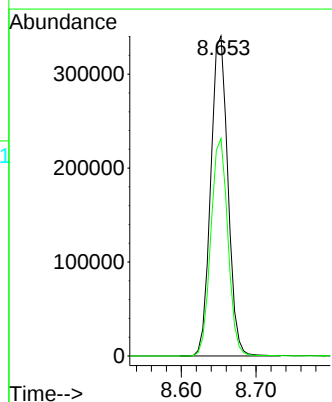
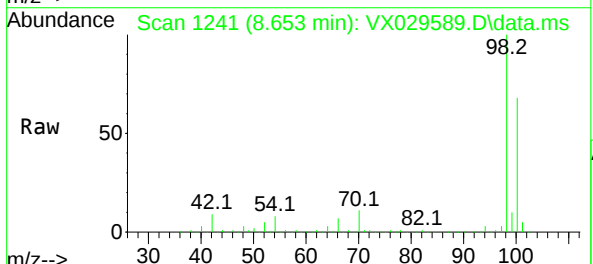
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

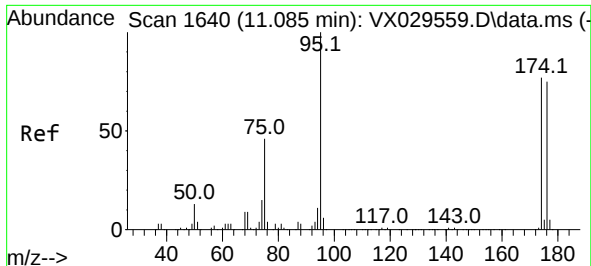
Tgt Ion:130 Resp: 2155
Ion Ratio Lower Upper
130 100
95 105.6 0.0 188.8



#50
Toluene-d8
Concen: 47.585 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion: 98 Resp: 542002
Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 45.980 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029589.D

Acq: 18 Jun 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBL02

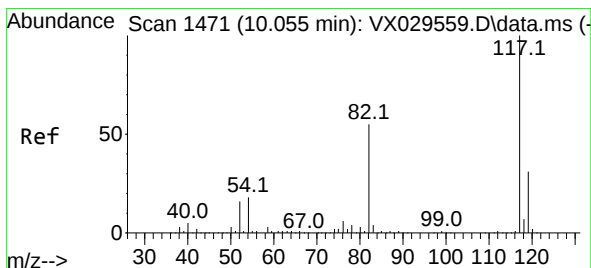
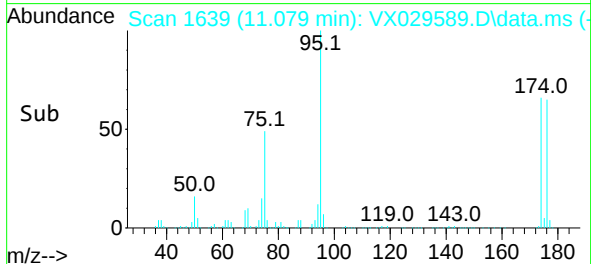
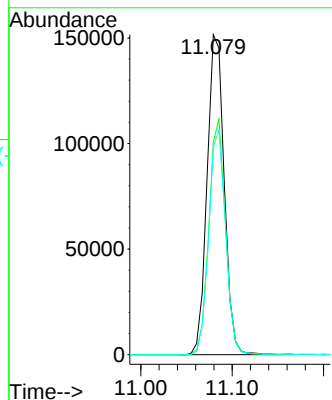
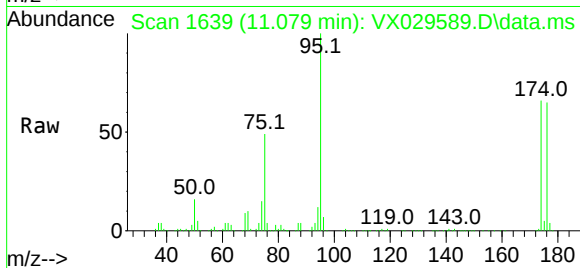
Tgt Ion: 95 Resp: 197500

Ion Ratio Lower Upper

95 100

174 71.2 0.0 163.0

176 69.1 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029589.D

Acq: 18 Jun 2022 23:11

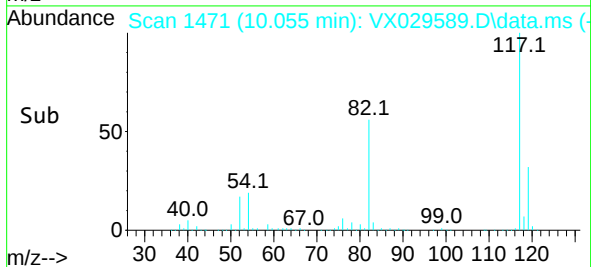
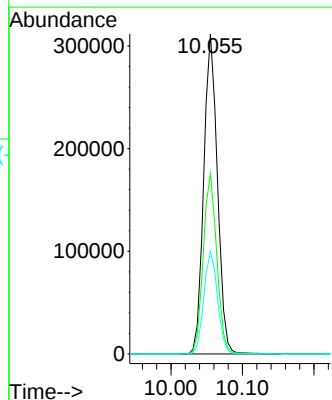
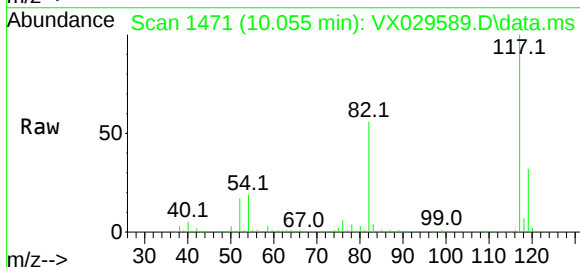
Tgt Ion: 117 Resp: 414654

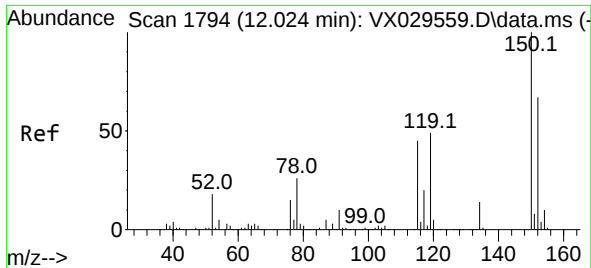
Ion Ratio Lower Upper

117 100

82 56.4 41.8 62.8

119 32.1 24.8 37.2

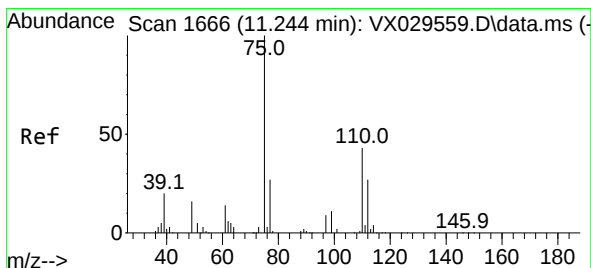
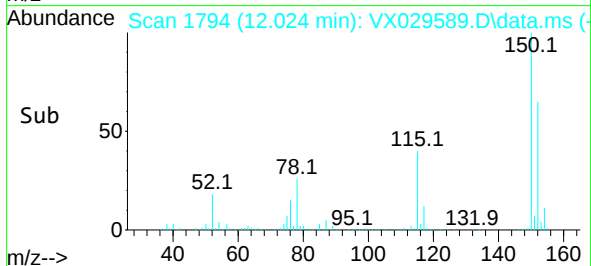
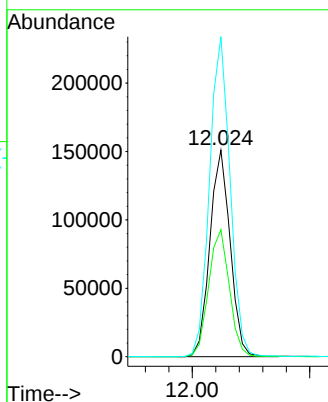
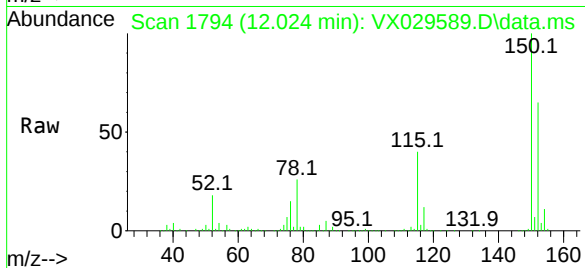




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

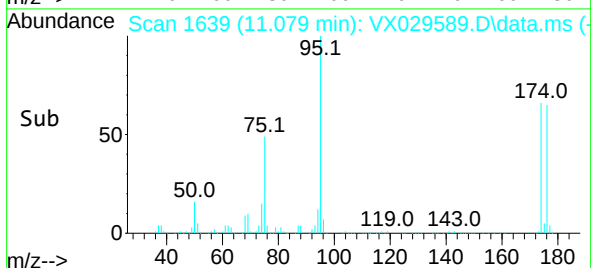
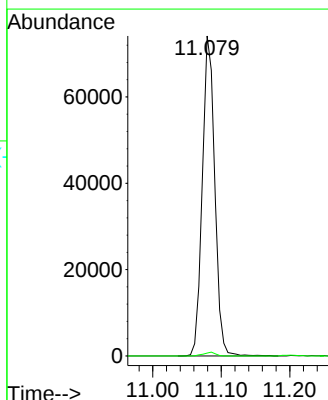
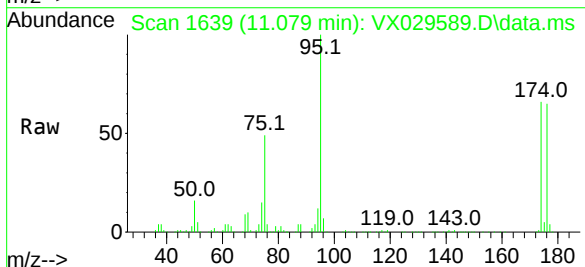
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

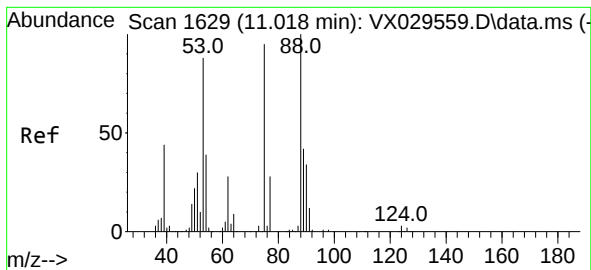
Tgt Ion:152 Resp: 181433
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Tgt Ion: 75 Resp: 94042
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.153 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029589.D
Acq: 18 Jun 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL02

Tgt Ion: 75 Resp: 94042
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

