

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022611.D
 Acq On : 09 Jun 2021 14:13
 Operator : JC/MD
 Sample : M2645-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 05:42:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

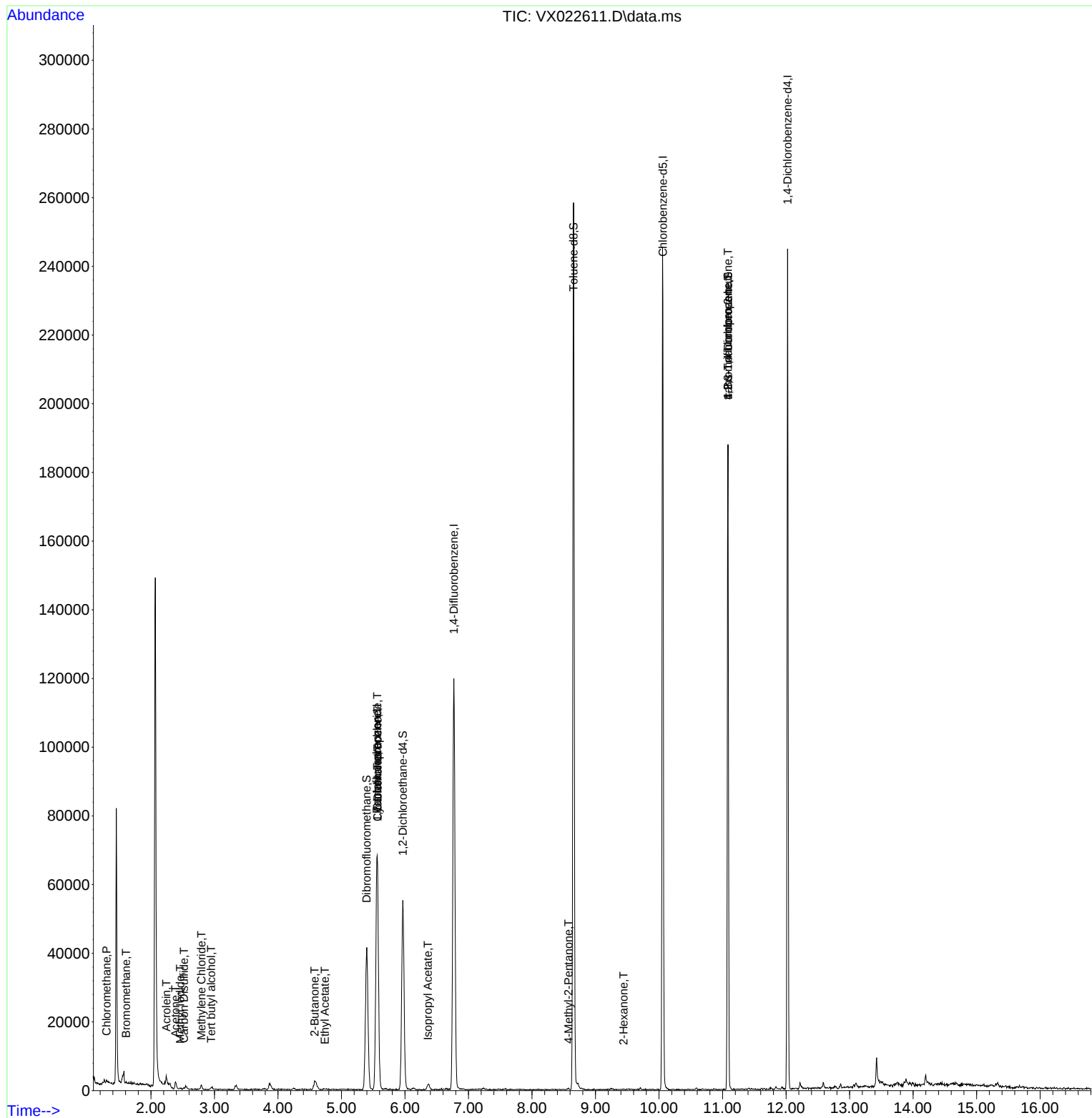
Internal Standards						
1) Pentafluorobenzene	5.556	168	58666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	119164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	105344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49043	47.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.04%		
35) Dibromofluoromethane	5.397	113	33610	45.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.16%		
50) Toluene-d8	8.653	98	144309	48.51	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.02%		
62) 4-Bromofluorobenzene	11.085	95	51251	46.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.70%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	290	0.35	ug/l	91
5) Bromomethane	1.605	94	104	0.25	ug/l #	1
10) Methyl Iodide	2.459	142	288	0.34	ug/l #	82
11) Tert butyl alcohol	2.946	59	502	2.15	ug/l #	73
13) Acrolein	2.239	56	1404	15.54	ug/l	83
16) Acetone	2.386	43	2272	4.85	ug/l #	87
17) Carbon Disulfide	2.520	76	280	3.52	ug/l #	75
20) Methylene Chloride	2.794	84	434	0.44	ug/l #	81
25) 2-Butanone	4.574	43	2445	3.16	ug/l	90
31) Cyclohexane	5.568	56	1704	1.38	ug/l #	6
36) 1,1-Dichloropropene	5.568	75	5960	5.17	ug/l #	48
37) Ethyl Acetate	4.739	43	720	0.49	ug/l #	64
38) Carbon Tetrachloride	5.562	117	6796	8.17	ug/l #	15
43) Isopropyl Acetate	6.360	43	766	0.32	ug/l #	57
51) 4-Methyl-2-Pentanone	8.573	43	333	0.22	ug/l #	60
59) 2-Hexanone	9.439	43	249	0.22	ug/l #	35
76) 1,2,3-Trichloropropane	11.085	75	26101	24.35	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26101	60.41	ug/l #	12

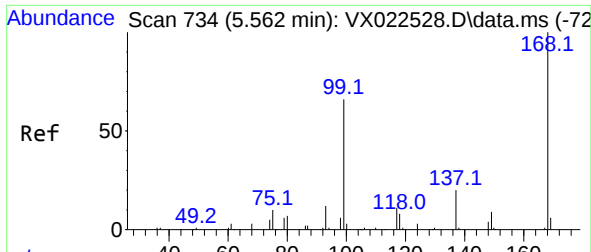
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

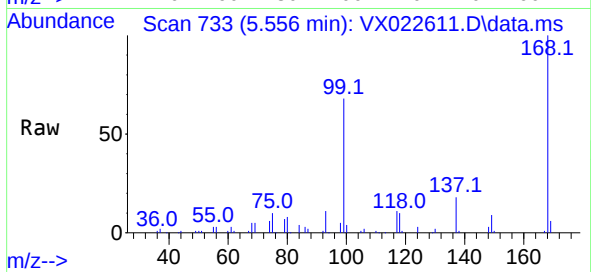
Quant Time: Jun 10 05:42:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



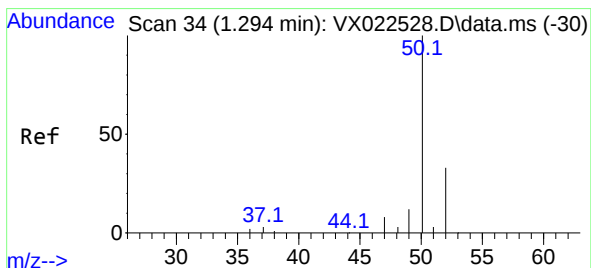
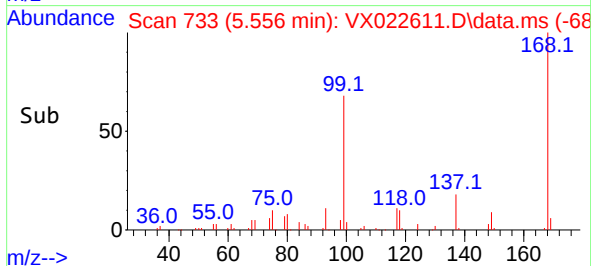
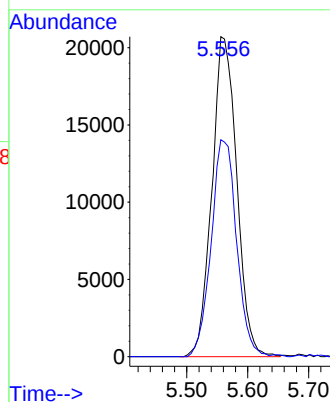


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampleId :

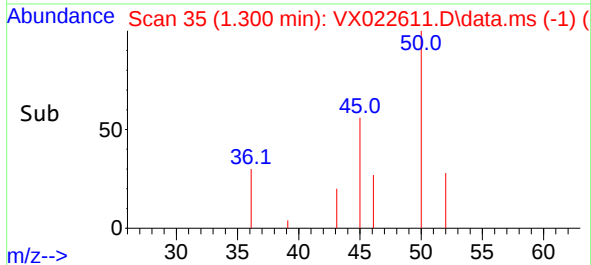
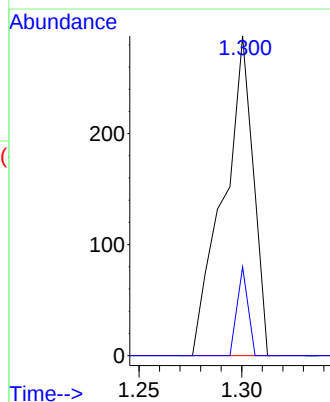
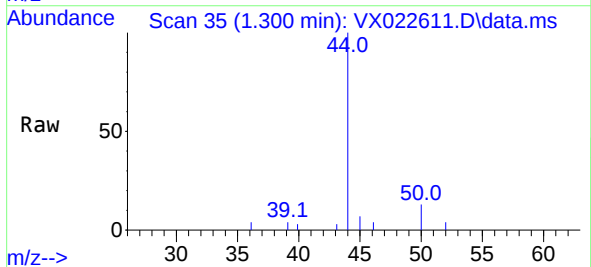


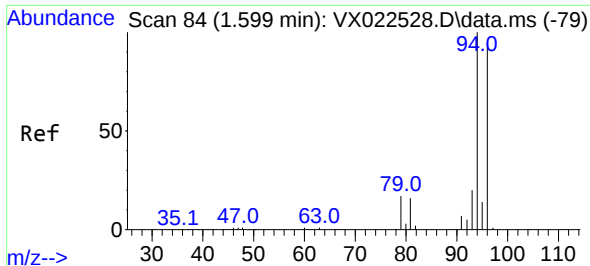
Tgt Ion:168 Resp: 58666
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#3
Chloromethane
Concen: 0.35 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 27.8 26.4 39.6

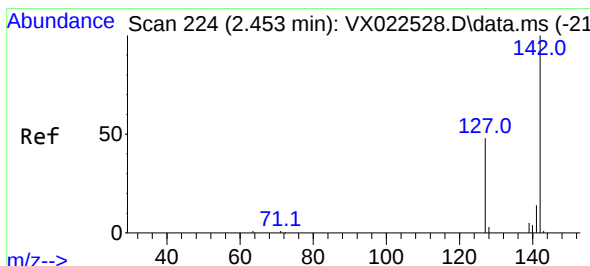
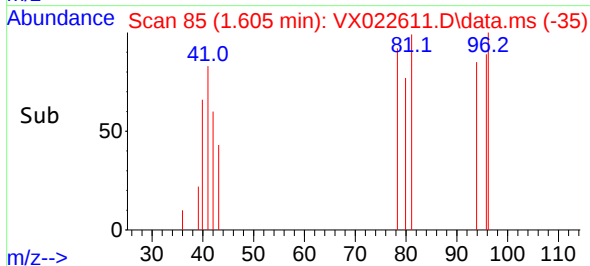
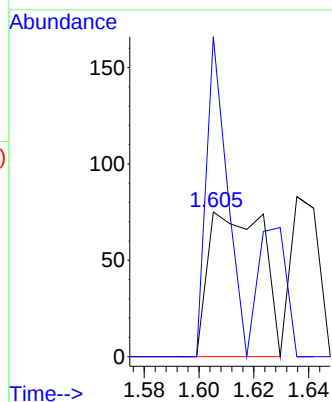
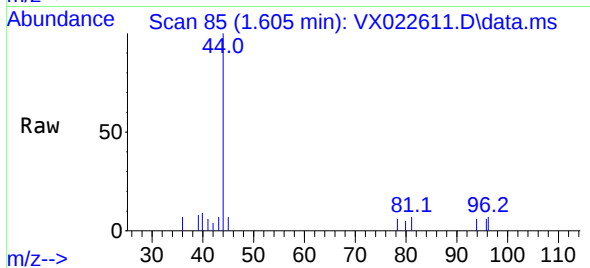




#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

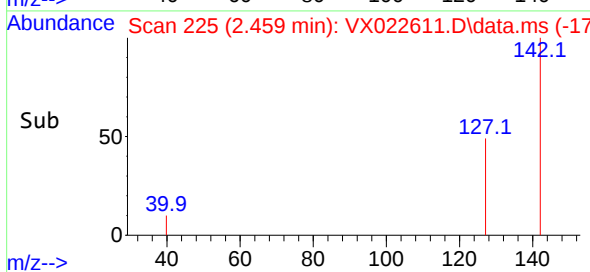
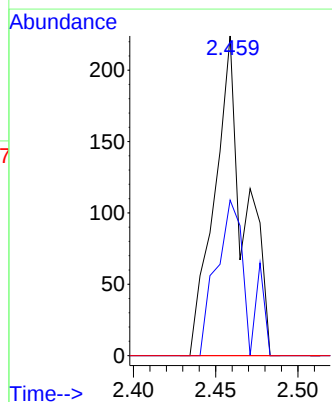
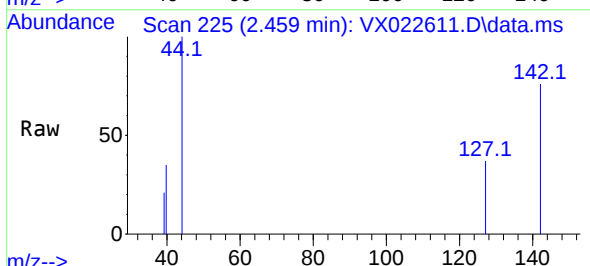
Instrument :
MSVOA_X
ClientSampled :

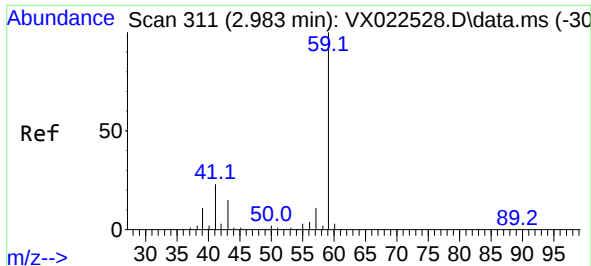
Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 221.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 49.0 33.3 49.9
141 0.0 11.4 17.0#



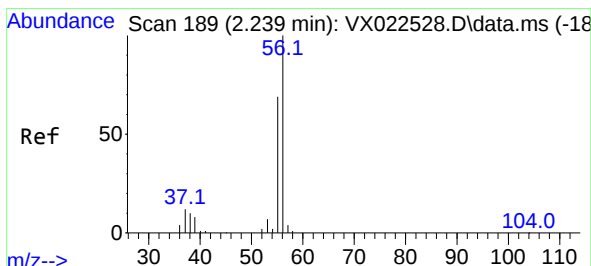
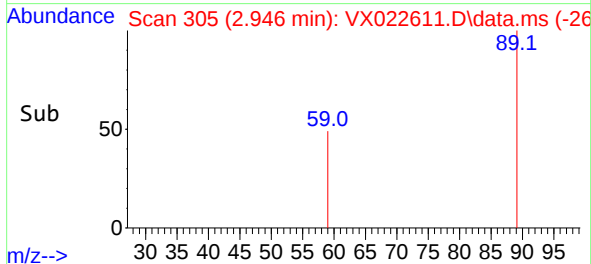
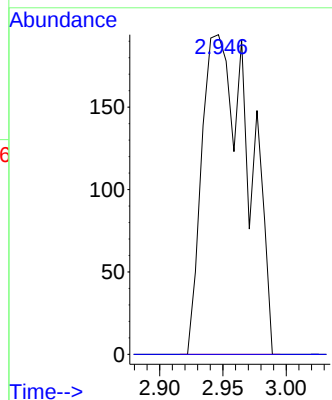
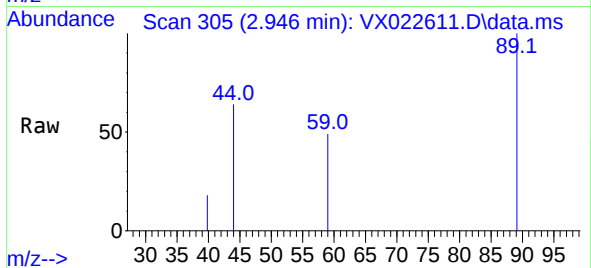


#11

Tert butyl alcohol
Concen: 2.15 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampled :

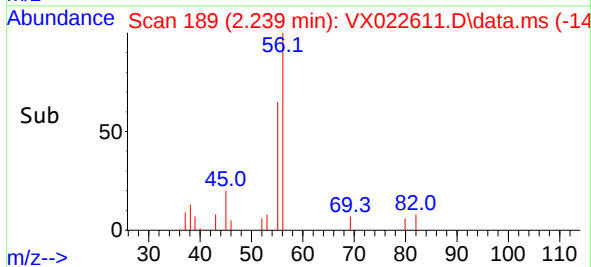
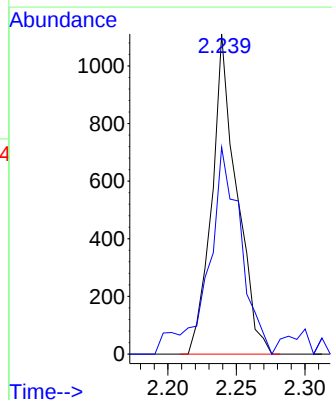
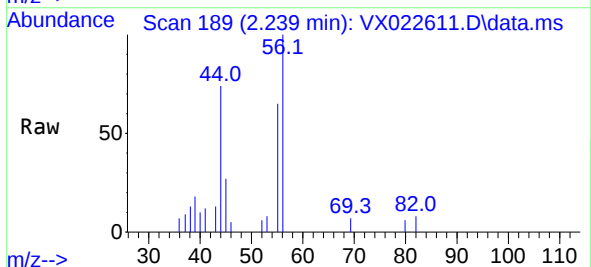
Tgt Ion: 59 Resp: 502
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

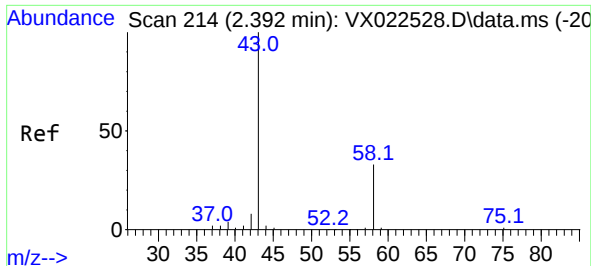


#13

Acrolein
Concen: 15.54 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion: 56 Resp: 1404
Ion Ratio Lower Upper
56 100
55 84.2 56.4 84.6

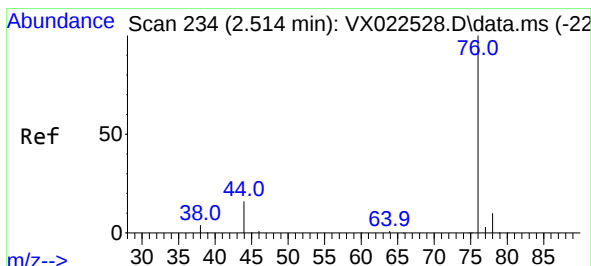
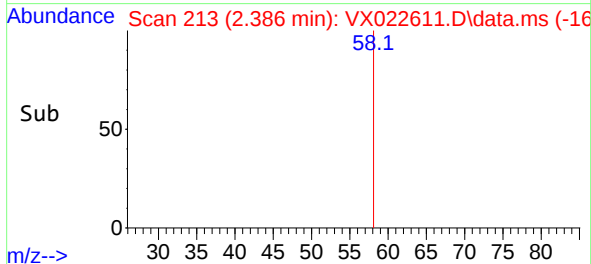
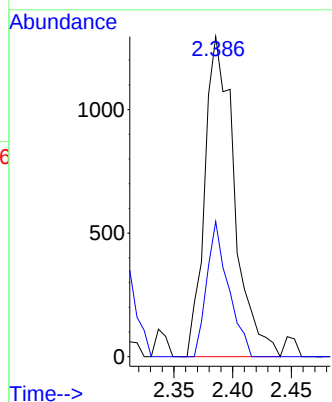
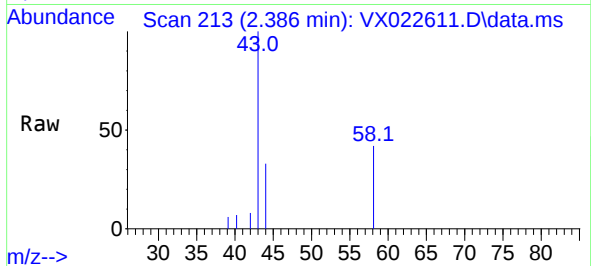




#16
Acetone
Concen: 4.85 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

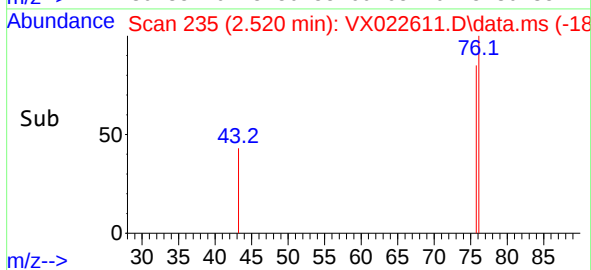
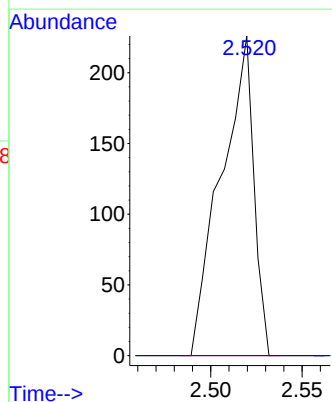
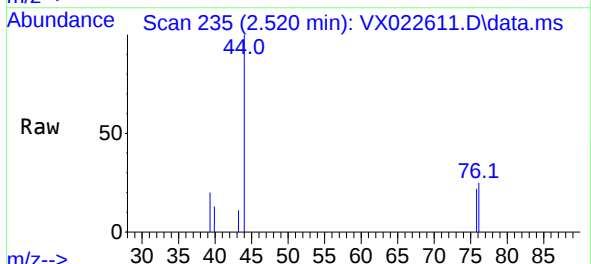
Instrument :
MSVOA_X
ClientSampled :

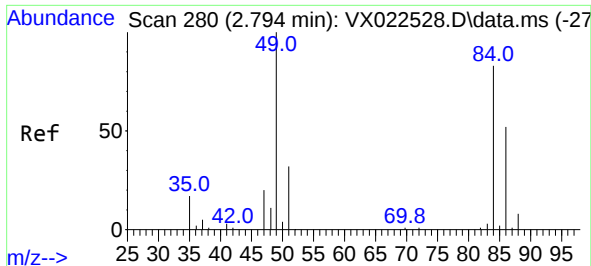
Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
58 42.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.52 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion: 76 Resp: 280
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.44 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022611.D

Acq: 09 Jun 2021 14:13

Tgt Ion: 84 Resp: 434

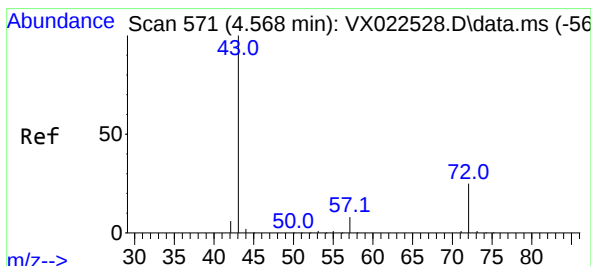
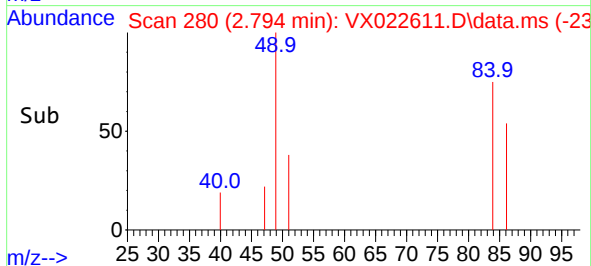
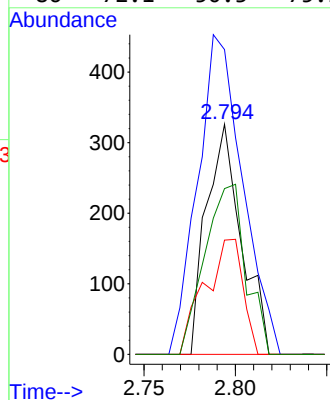
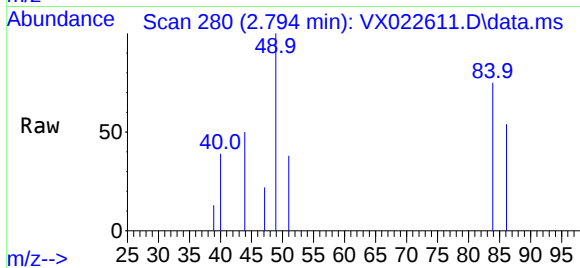
Ion Ratio Lower Upper

84 100

49 132.5 88.6 132.8

51 49.7 27.0 40.6#

86 72.1 50.3 75.5



#25

2-Butanone

Concen: 3.16 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022611.D

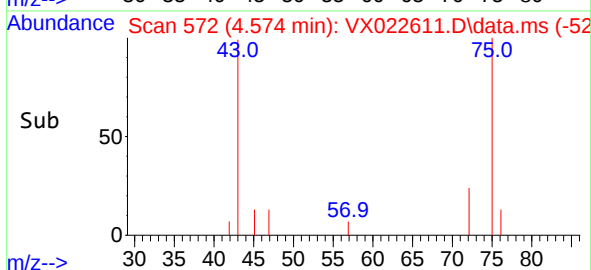
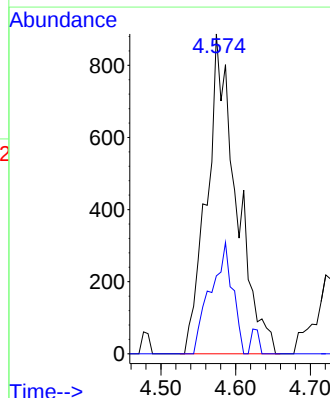
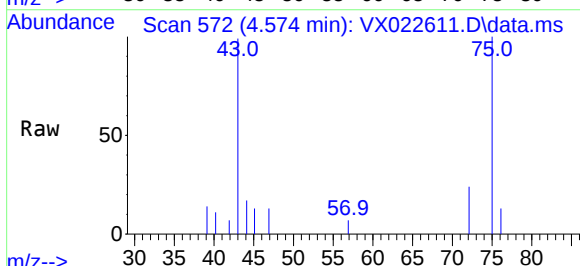
Acq: 09 Jun 2021 14:13

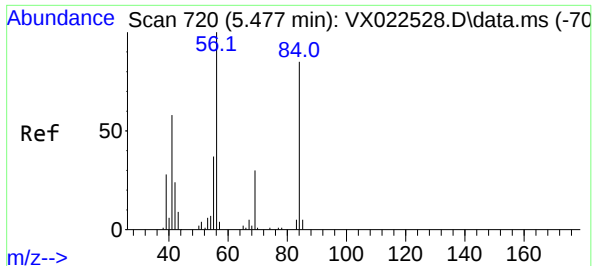
Tgt Ion: 43 Resp: 2445

Ion Ratio Lower Upper

43 100

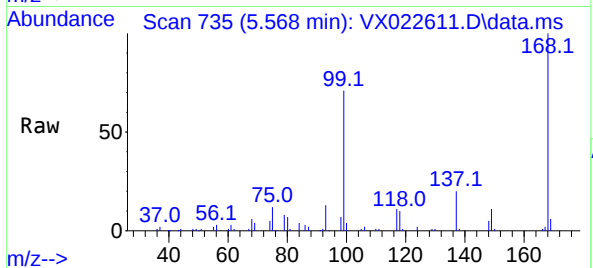
72 24.4 23.7 35.5



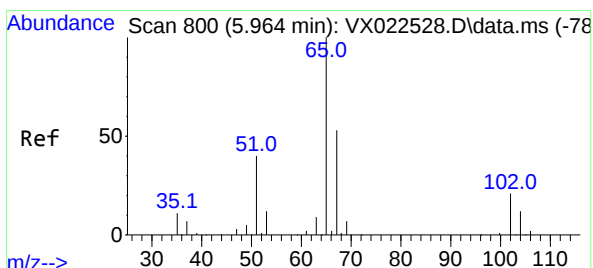
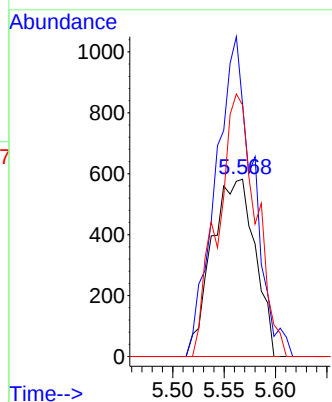
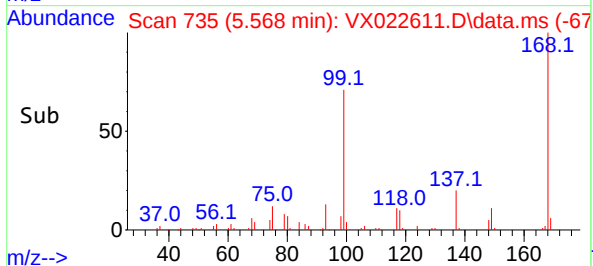


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

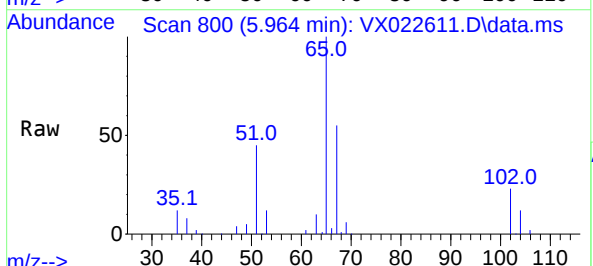
Instrument :
MSVOA_X
ClientSampled :



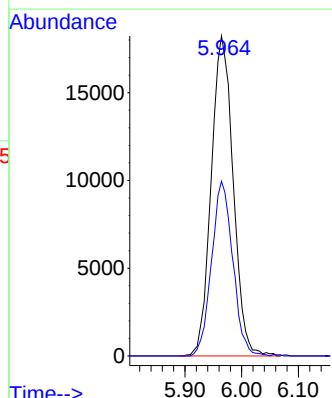
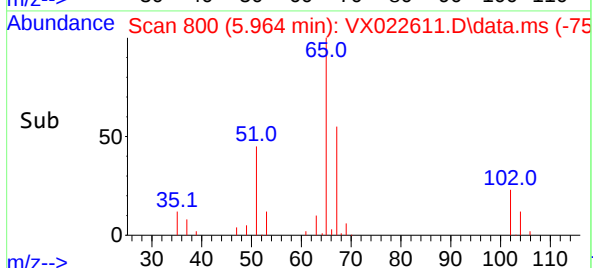
Tgt Ion: 56 Resp: 1704
Ion Ratio Lower Upper
56 100
69 142.1 25.3 37.9#
84 141.8 71.4 107.0#

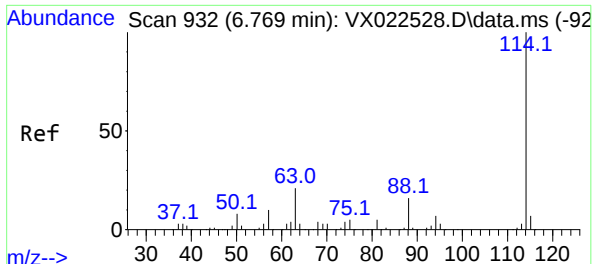


#33
1,2-Dichloroethane-d4
Concen: 47.02 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13



Tgt Ion: 65 Resp: 49043
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

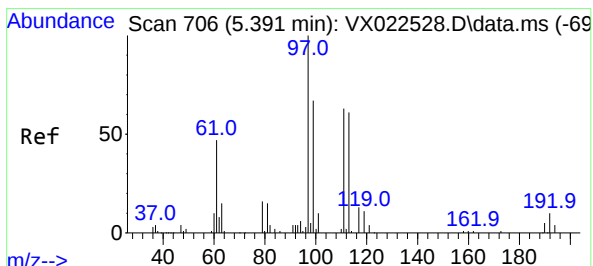
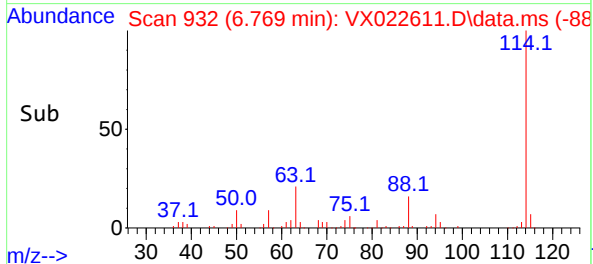
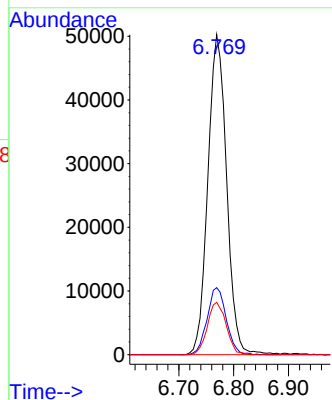
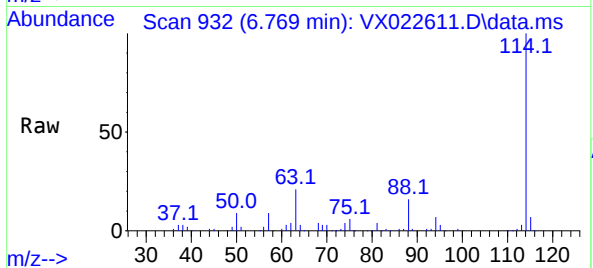




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

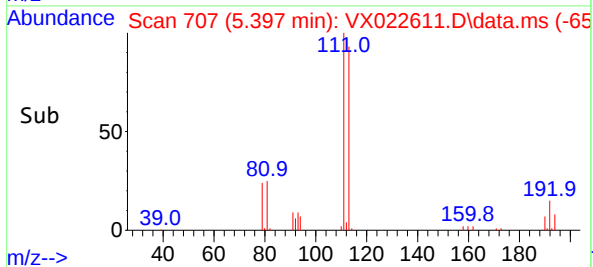
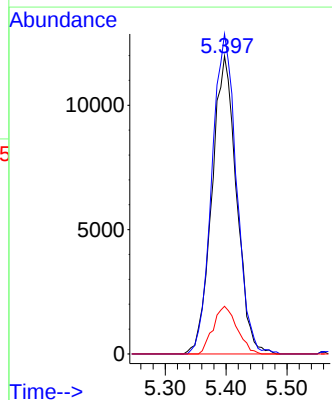
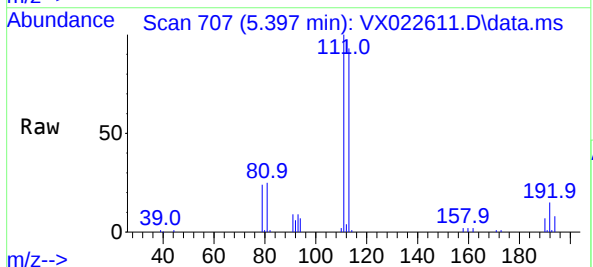
Instrument :
MSVOA_X
ClientSampleId :

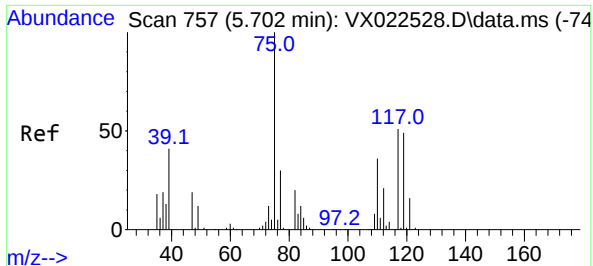
Tgt Ion:114 Resp: 119164
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.08 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

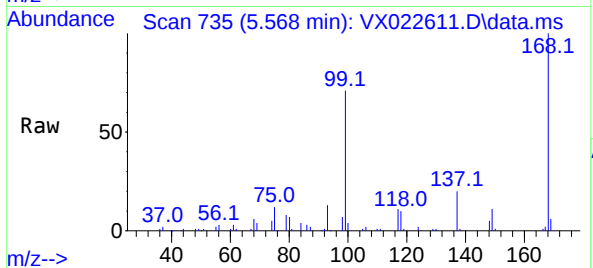
Tgt Ion:113 Resp: 33610
Ion Ratio Lower Upper
113 100
111 107.4 81.9 122.9
192 15.5 16.7 25.1#



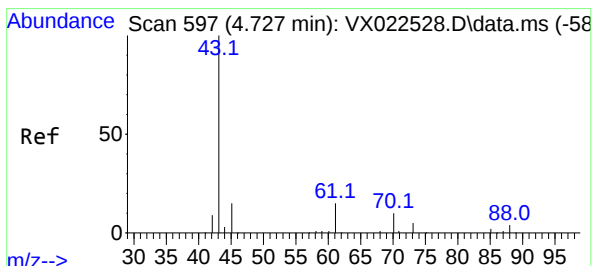
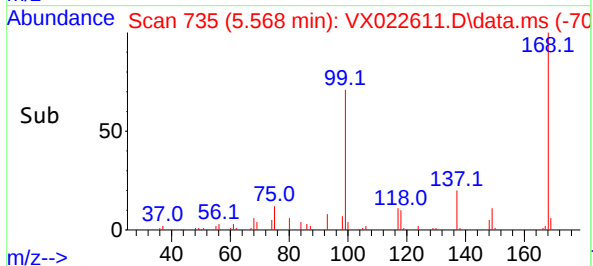
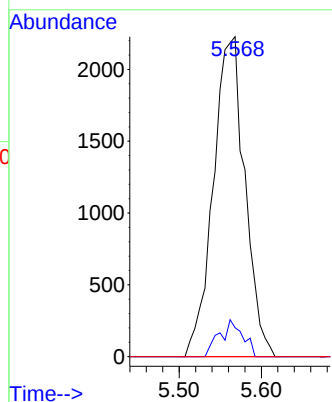


#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampleId :

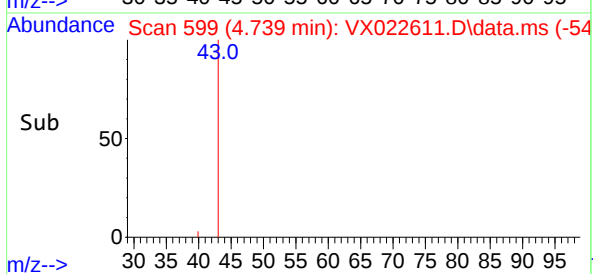
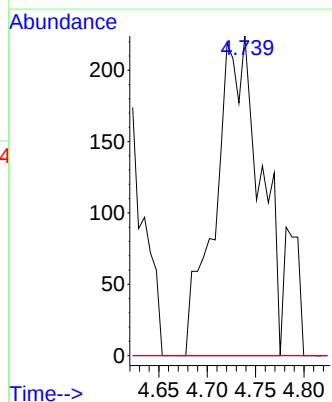
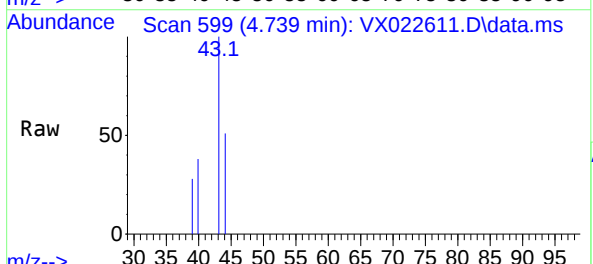


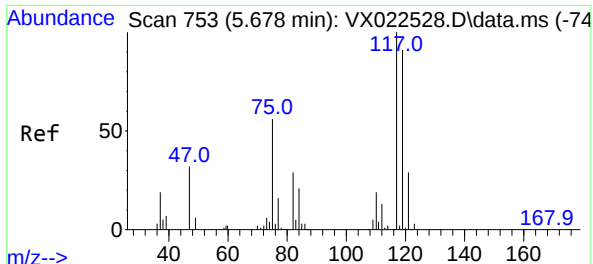
Tgt Ion: 75 Resp: 5960
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.49 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.012 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

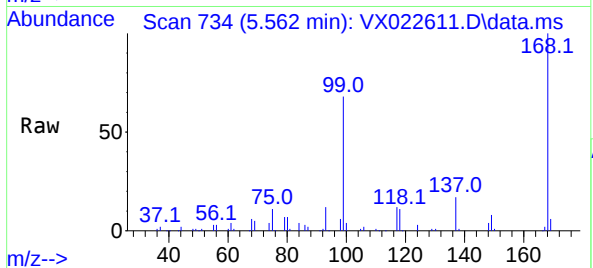
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



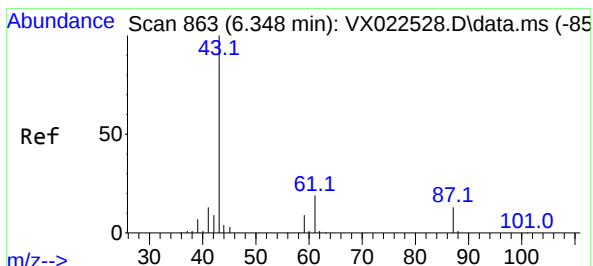
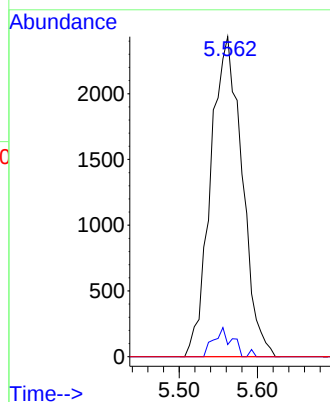
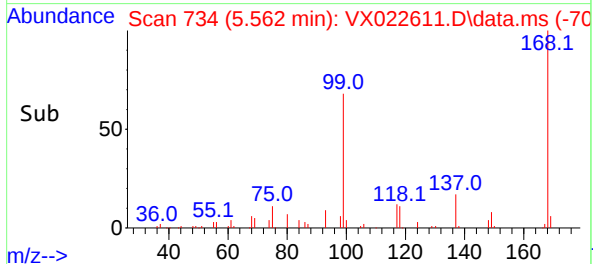


#38
Carbon Tetrachloride
Concen: 8.17 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

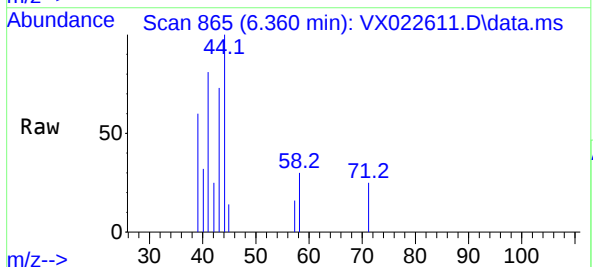
Instrument :
MSVOA_X
ClientSampleId :



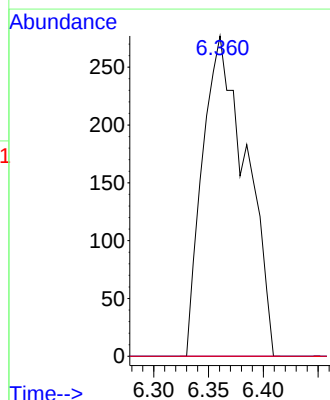
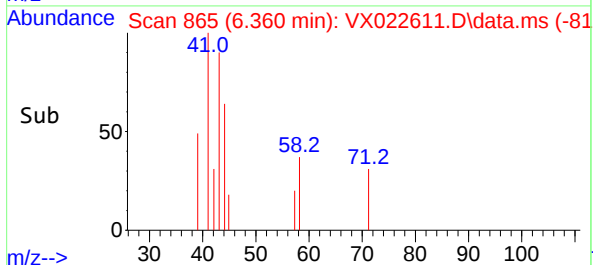
Tgt Ion:117 Resp: 6796
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

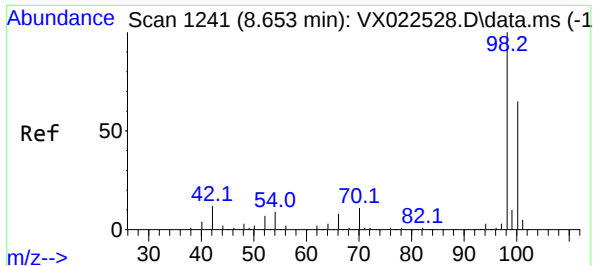


#43
Isopropyl Acetate
Concen: 0.32 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.012 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13



Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

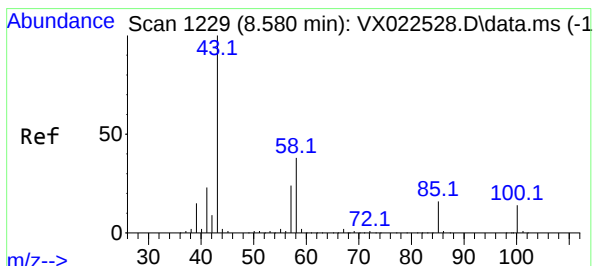
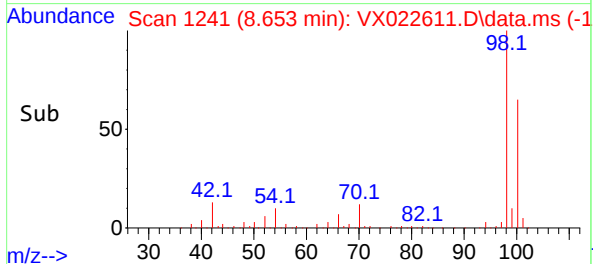
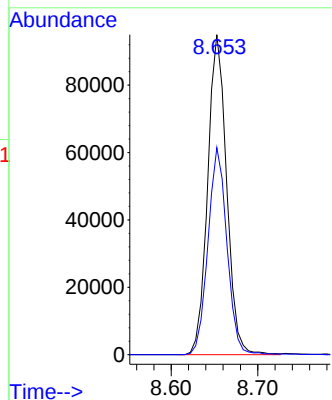
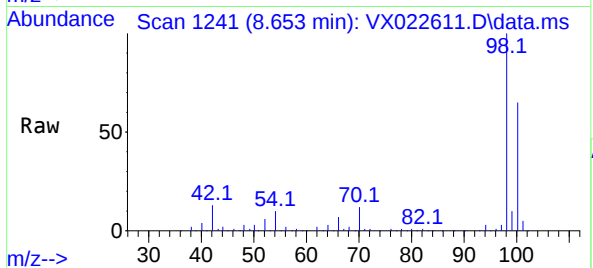




#50
Toluene-d8
Concen: 48.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

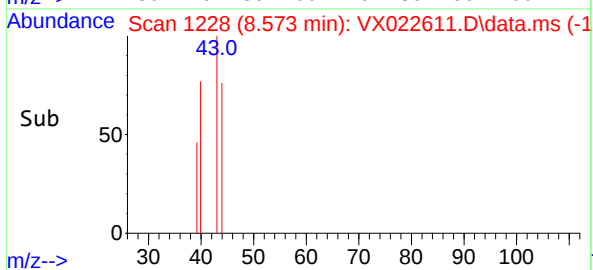
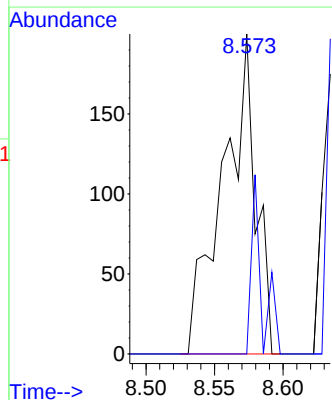
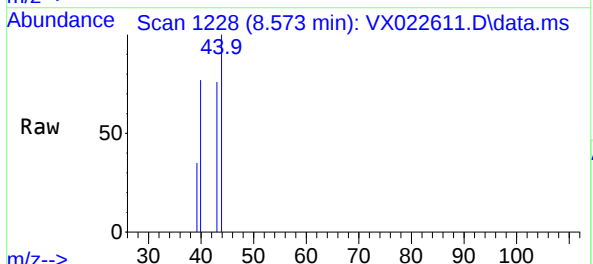
Instrument :
MSVOA_X
ClientSampled :

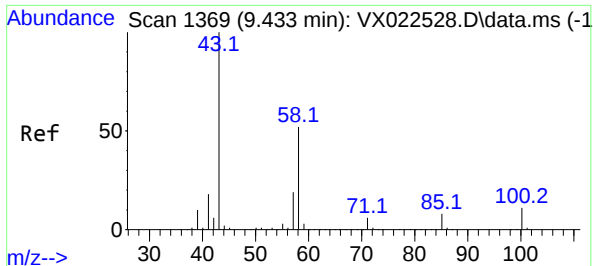
Tgt Ion: 98 Resp: 144309
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 18.0 35.4 53.0#

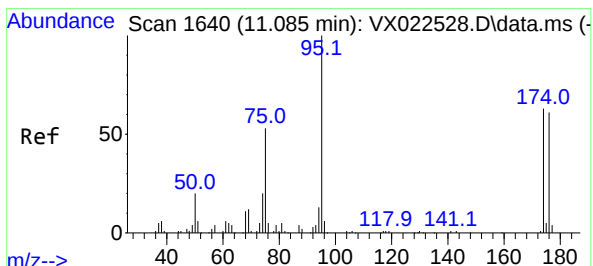
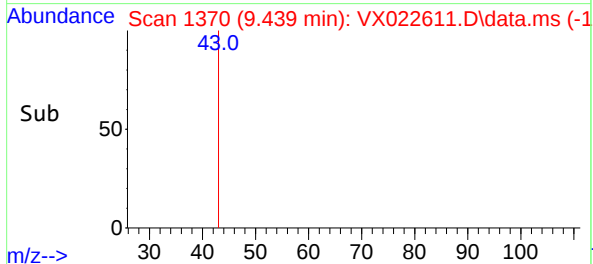
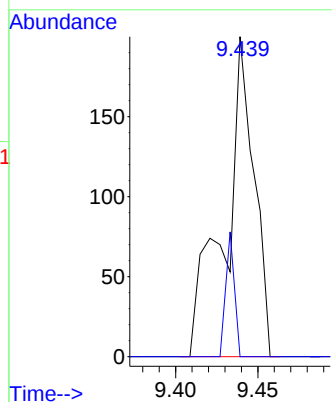
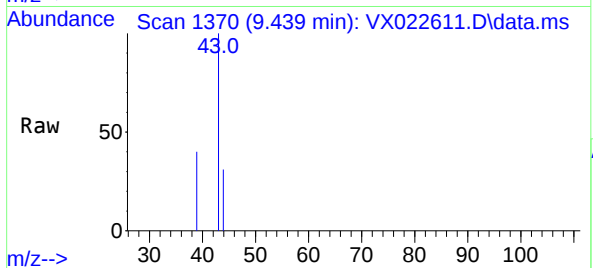




#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

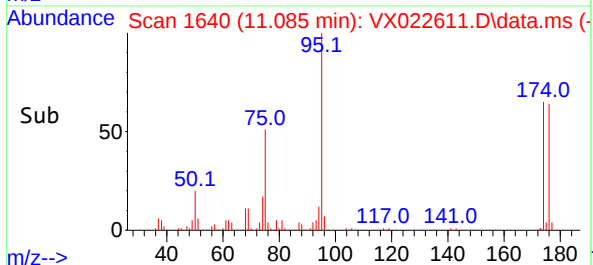
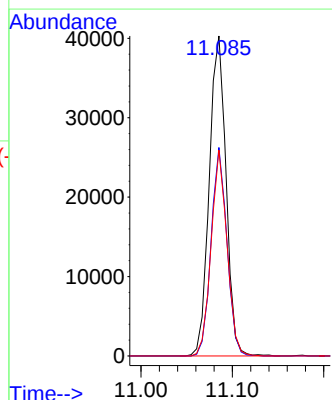
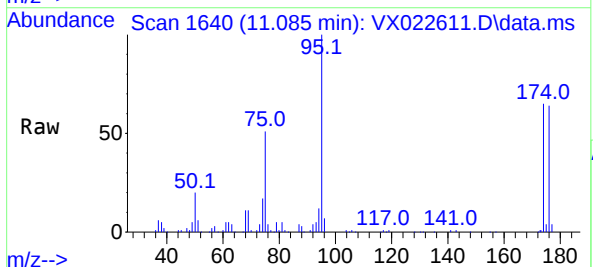
Instrument :
MSVOA_X
ClientSampled :

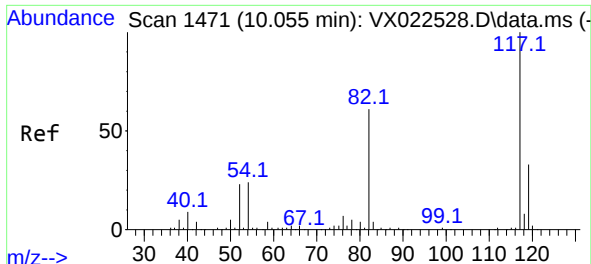
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 11.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion: 95 Resp: 51251
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 60.8 0.0 155.8

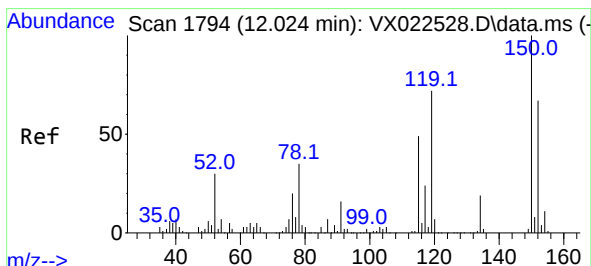
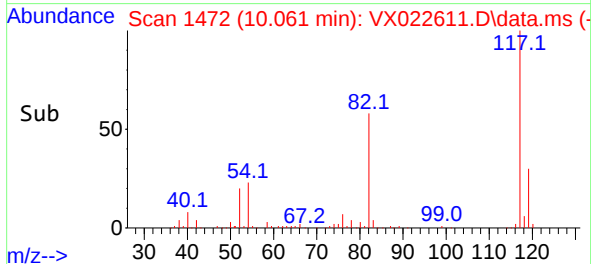
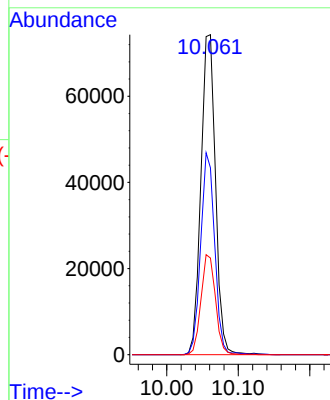
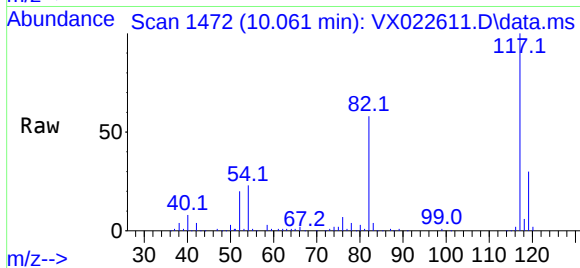




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

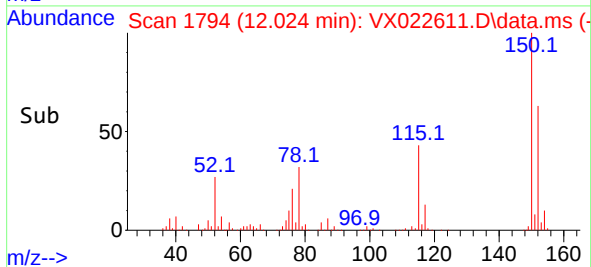
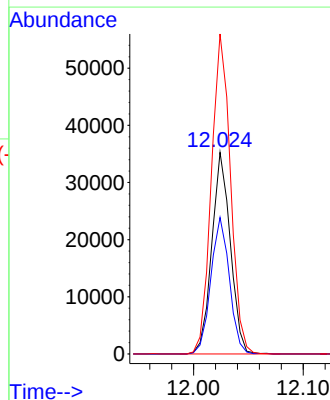
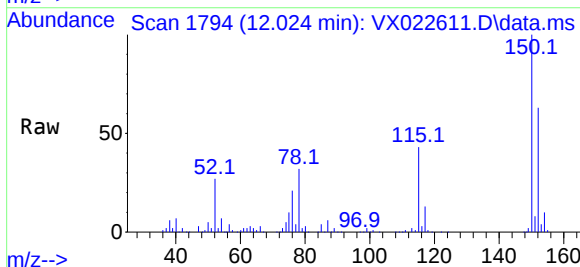
Instrument :
MSVOA_X
ClientSampleId :

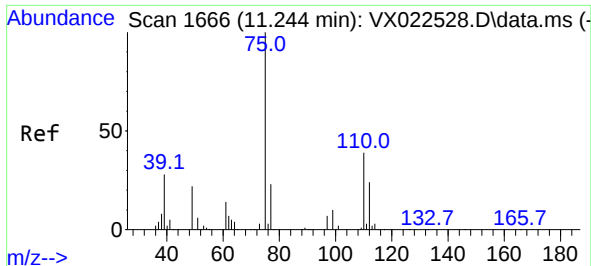
Tgt Ion:117 Resp: 105344
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 30.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion:152 Resp: 41372
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 163.9 0.0 349.0

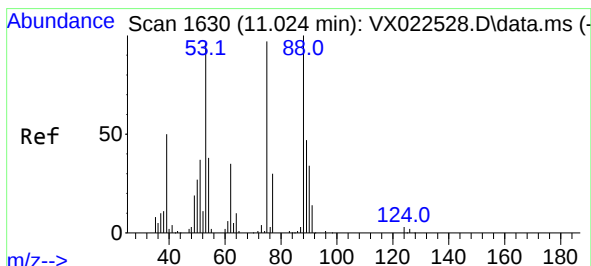
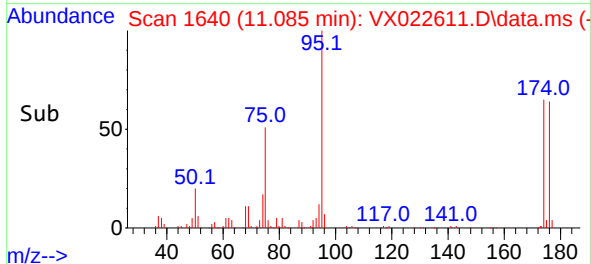
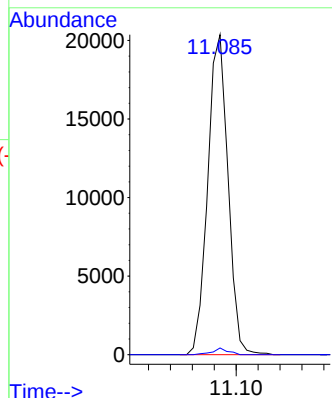
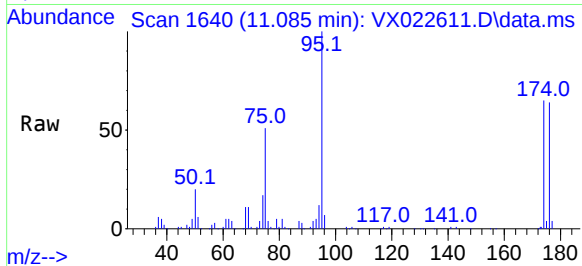




#76
1,2,3-Trichloropropane
Concen: 24.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26101
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022611.D
Acq: 09 Jun 2021 14:13

Tgt Ion: 75 Resp: 26101
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

