

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022610.D
 Acq On : 09 Jun 2021 13:50
 Operator : JC/MD
 Sample : M2644-09 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1847

Quant Time: Jun 10 05:41:48 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)

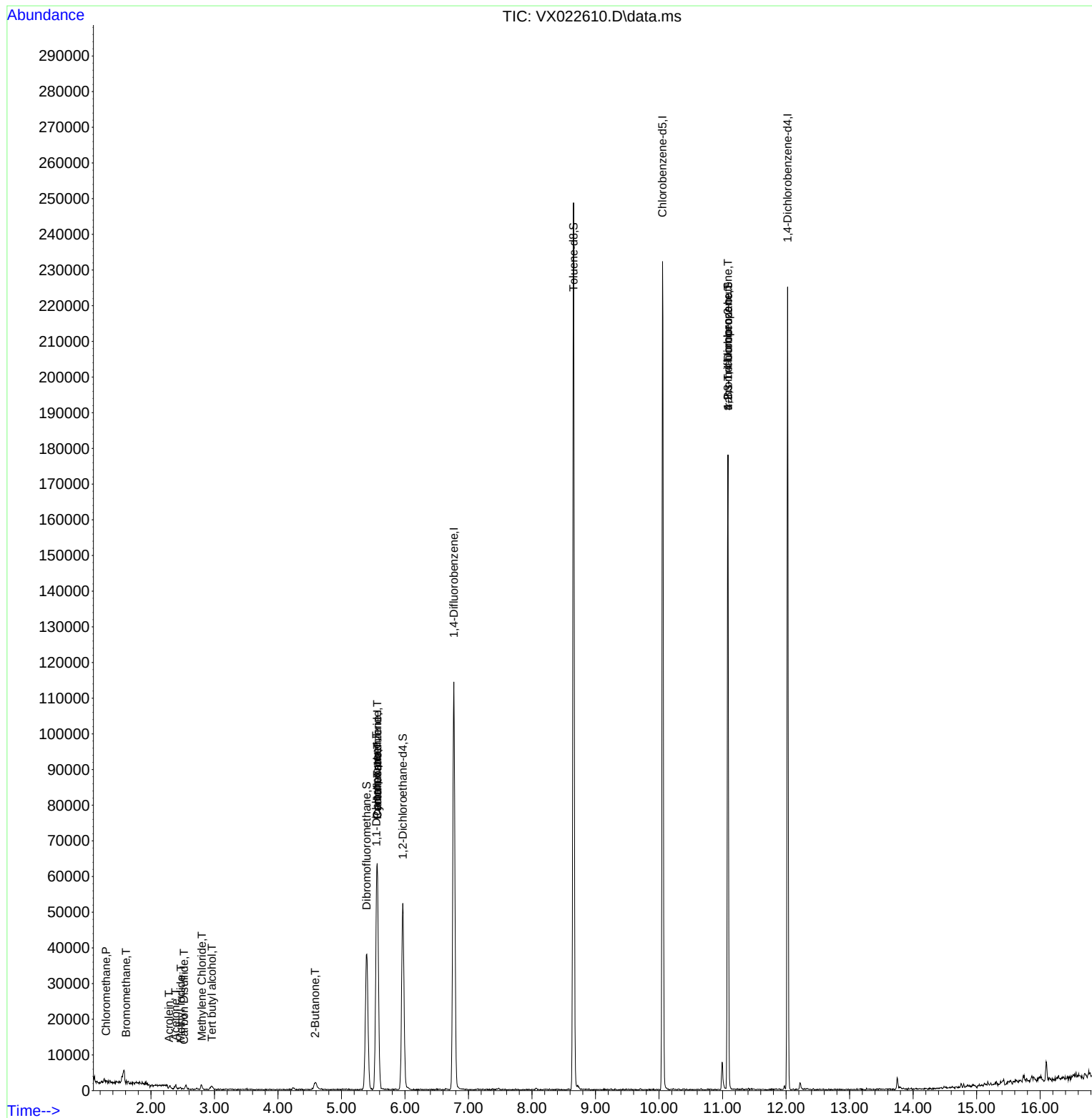
Internal Standards						
1) Pentafluorobenzene	5.562	168	56188	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47044	47.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.20%		
35) Dibromofluoromethane	5.397	113	32973	47.31	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.62%		
50) Toluene-d8	8.653	98	137463	49.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.085	95	48411	46.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.68%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	289	0.37	ug/l	90
5) Bromomethane	1.605	94	106	0.26	ug/l #	60
10) Methyl Iodide	2.471	142	371	0.46	ug/l #	87
11) Tert butyl alcohol	2.959	59	771	3.44	ug/l #	73
13) Acrolein	2.282	56	31	3.41	ug/l #	14
16) Acetone	2.386	43	1277	2.85	ug/l	93
17) Carbon Disulfide	2.520	76	241	3.51	ug/l #	75
20) Methylene Chloride	2.800	84	561	0.60	ug/l	91
25) 2-Butanone	4.587	43	327	0.44	ug/l #	45
31) Cyclohexane	5.562	56	1617	1.37	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	5750	5.34	ug/l #	41
38) Carbon Tetrachloride	5.562	117	6341	8.15	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	25571	24.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25571	61.63	ug/l #	12

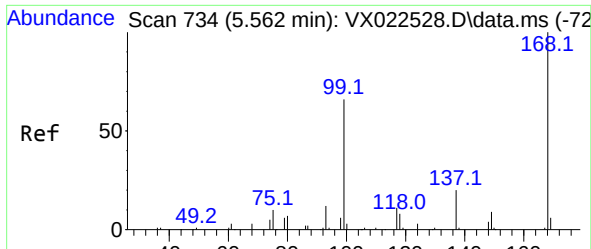
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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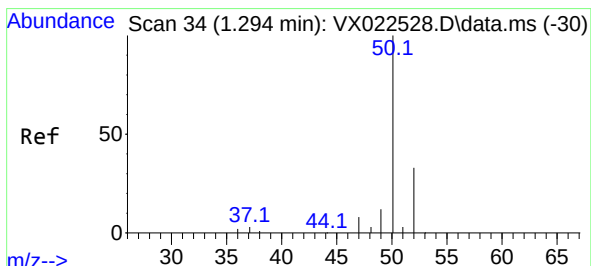
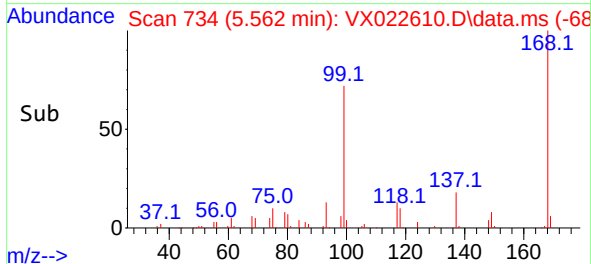
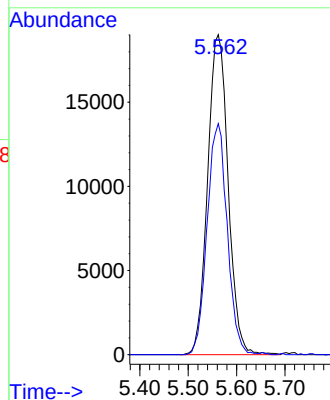
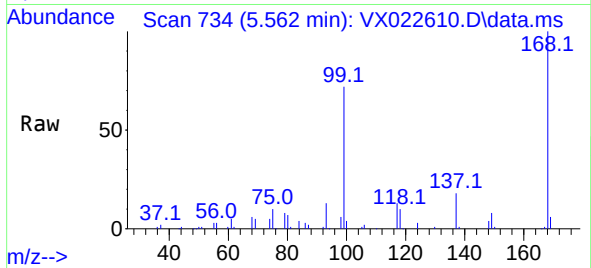




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

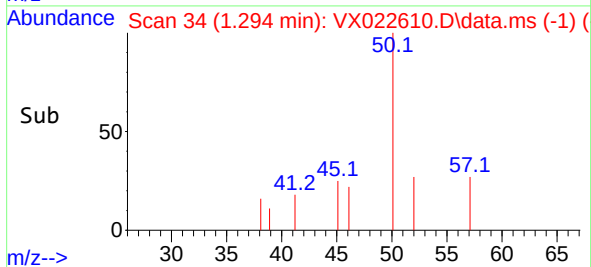
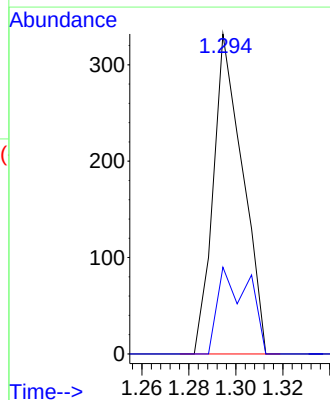
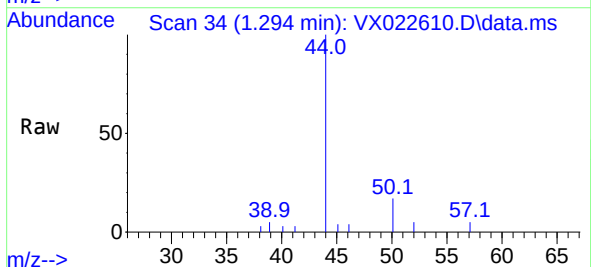
Instrument :
MSVOA_X
ClientSampleId :
1847

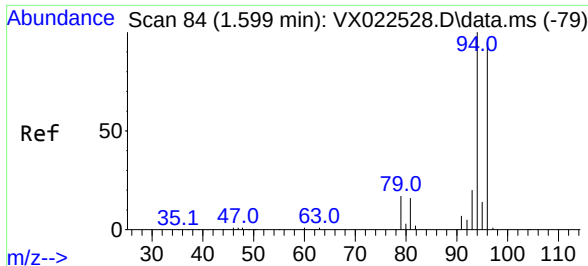
Tgt Ion:168 Resp: 56188
Ion Ratio Lower Upper
168 100
99 72.2 45.8 68.6#



#3
Chloromethane
Concen: 0.37 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 27.1 26.4 39.6

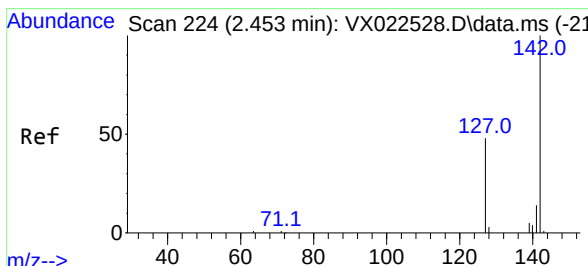
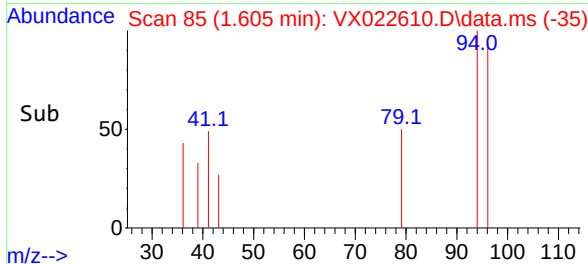
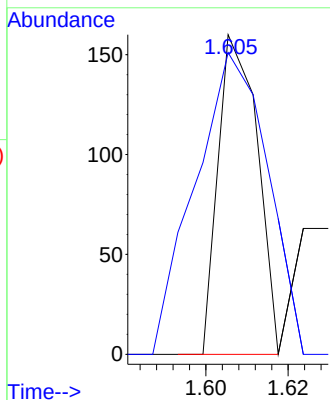
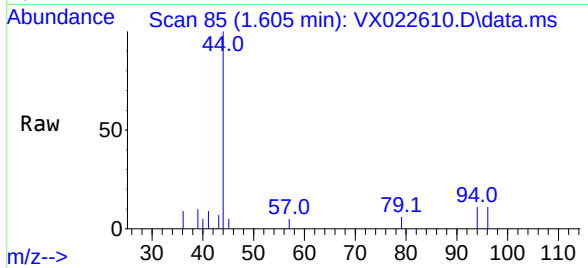




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

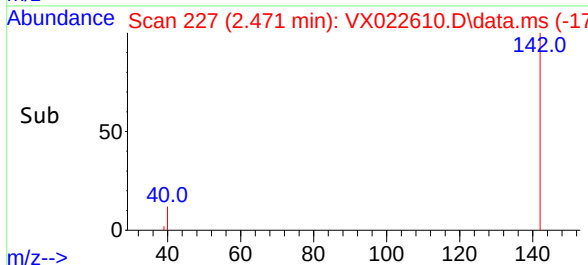
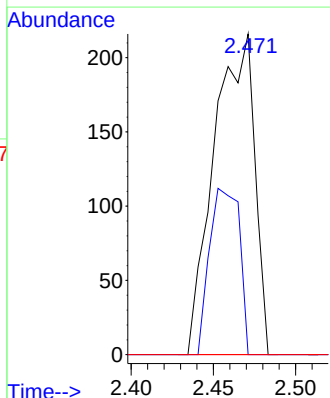
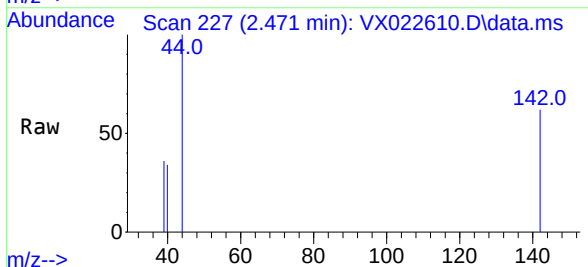
Instrument :
MSVOA_X
ClientSampled :
1847

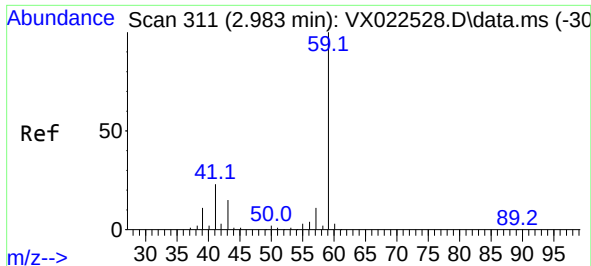
Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 56.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.46 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 142 Resp: 371
Ion Ratio Lower Upper
142 100
127 38.3 33.3 49.9
141 0.0 11.4 17.0#

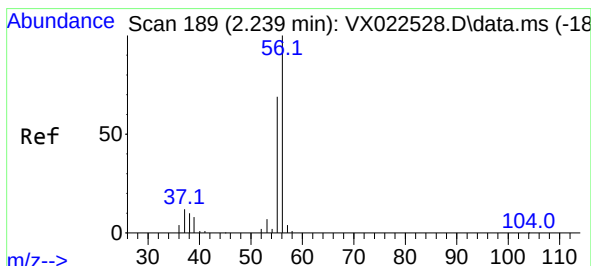
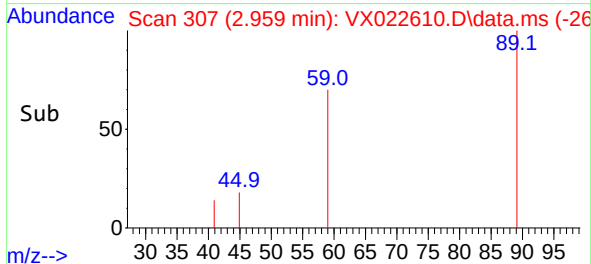
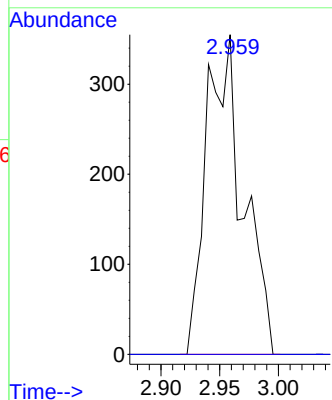
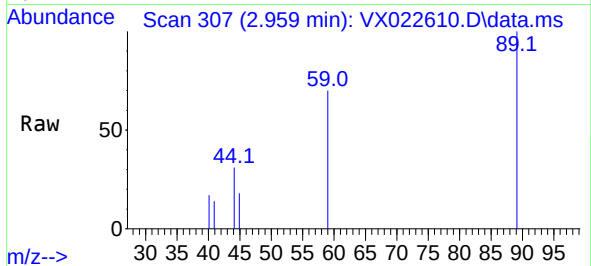




#11
Tert butyl alcohol
Concen: 3.44 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

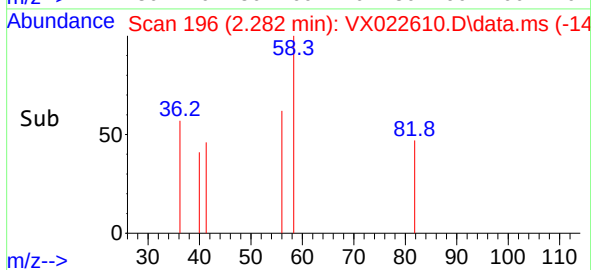
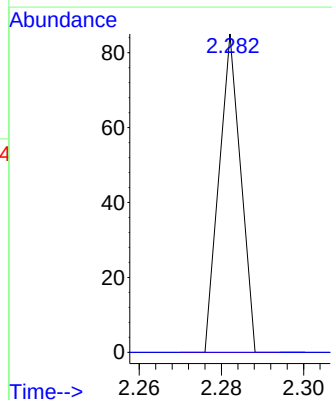
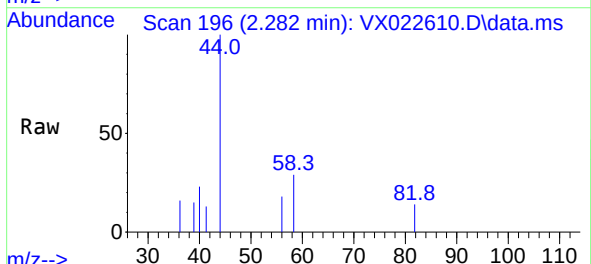
Instrument :
MSVOA_X
ClientSampled :
1847

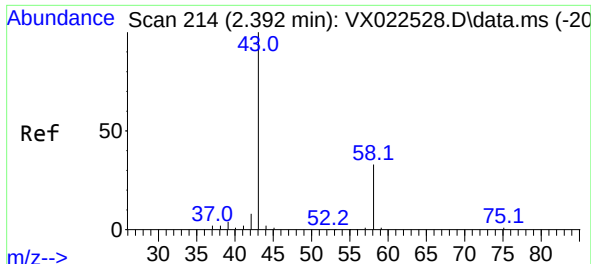
Tgt Ion: 59 Resp: 771
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.41 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.043 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

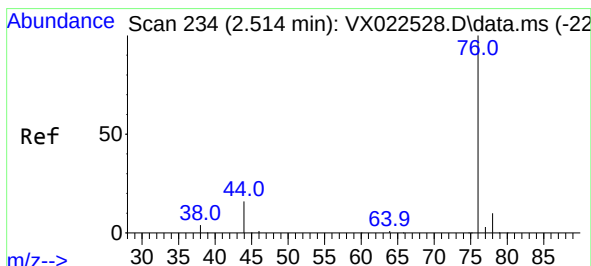
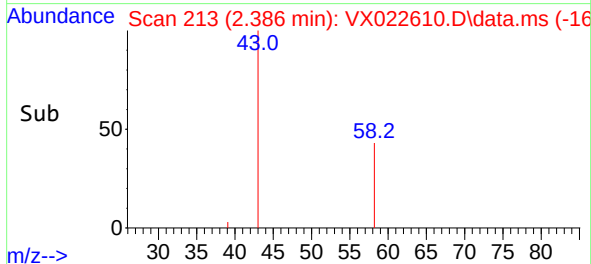
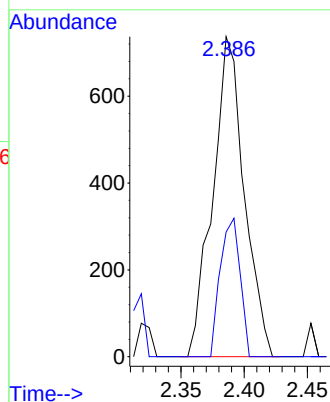
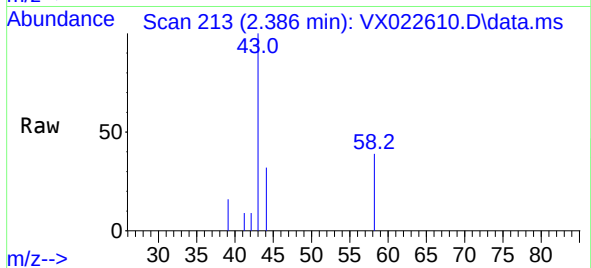




#16
Acetone
Concen: 2.85 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

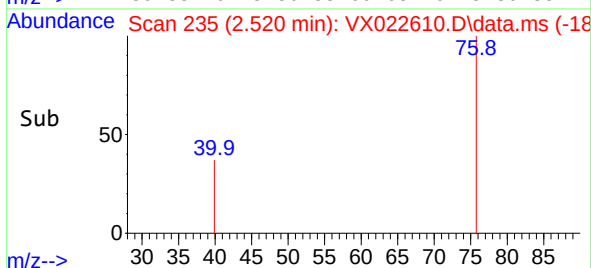
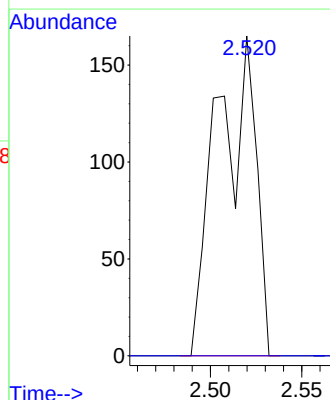
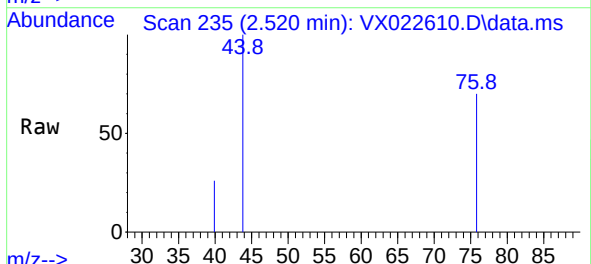
Instrument :
MSVOA_X
ClientSampleId :
1847

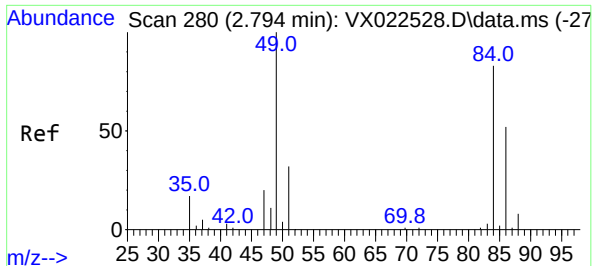
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 38.9 27.8 41.8



#17
Carbon Disulfide
Concen: 3.51 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 76 Resp: 241
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.60 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022610.D

Acq: 09 Jun 2021 13:50

Tgt Ion: 84 Resp: 561

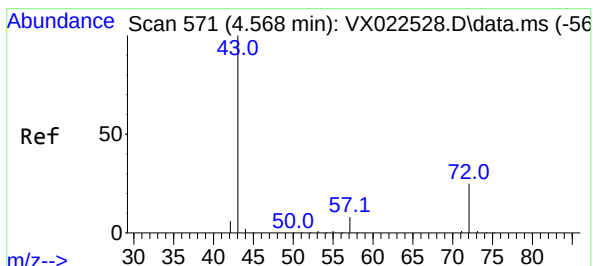
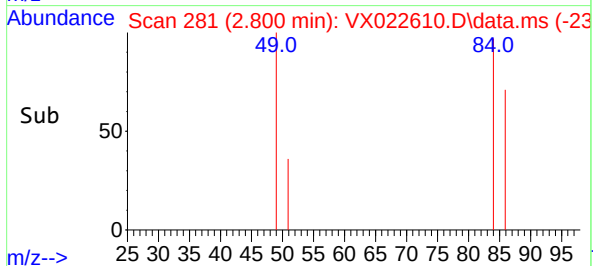
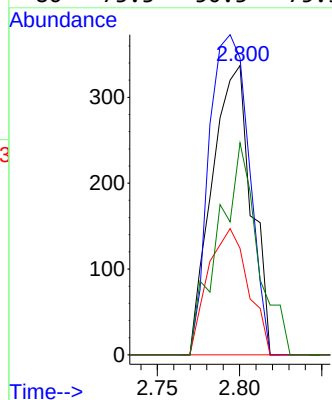
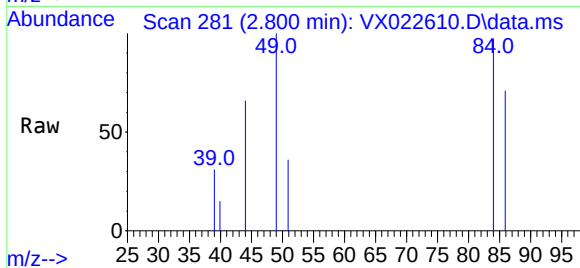
Ion Ratio Lower Upper

84 100

49 102.7 88.6 132.8

51 36.8 27.0 40.6

86 73.3 50.3 75.5



#25

2-Butanone

Concen: 0.44 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022610.D

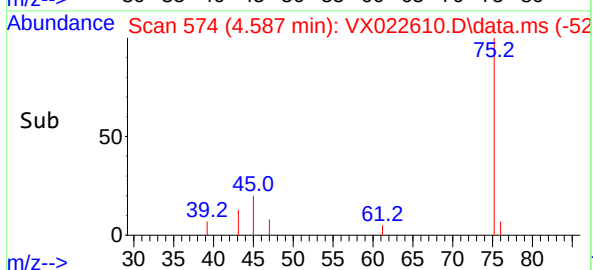
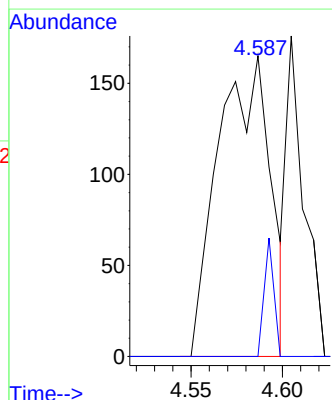
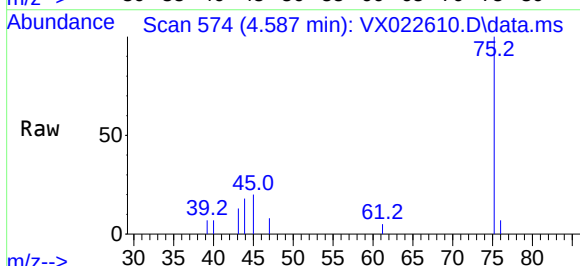
Acq: 09 Jun 2021 13:50

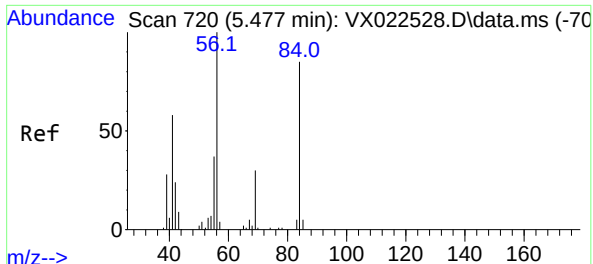
Tgt Ion: 43 Resp: 327

Ion Ratio Lower Upper

43 100

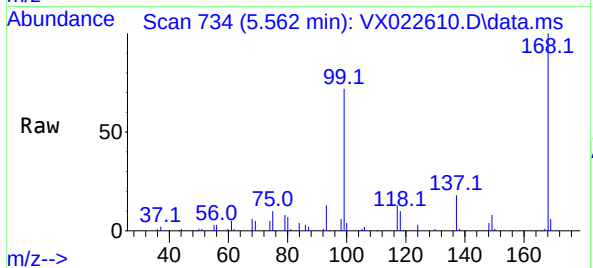
72 0.0 23.7 35.5#



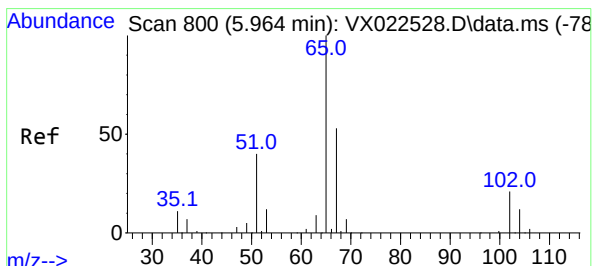
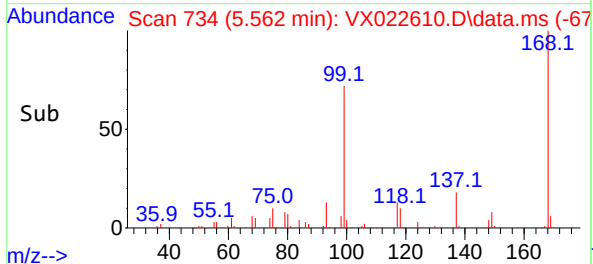
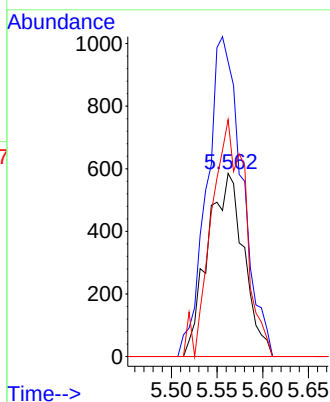


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Instrument :
MSVOA_X
ClientSampled :
1847

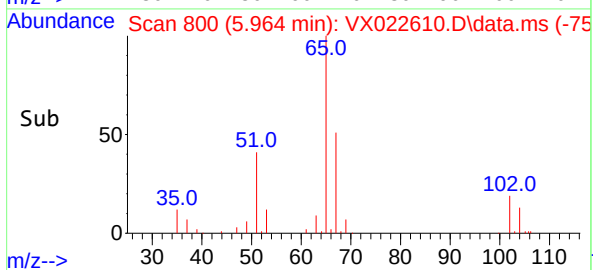
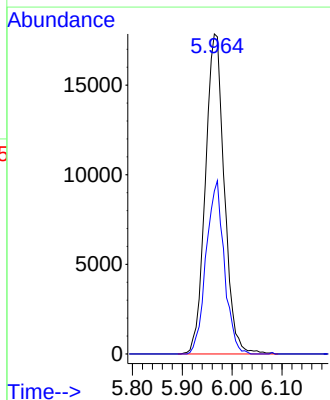
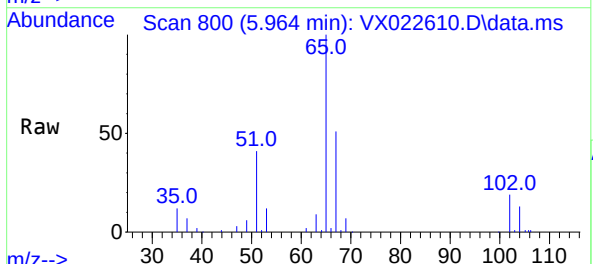


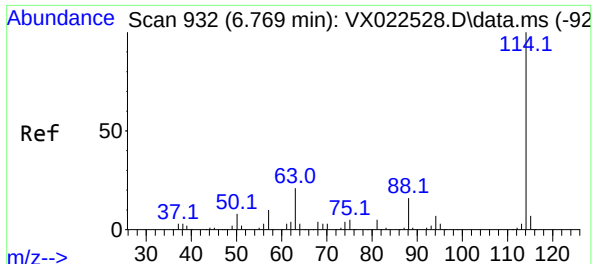
Tgt Ion: 56 Resp: 1617
Ion Ratio Lower Upper
56 100
69 161.0 25.3 37.9#
84 129.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.10 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 65 Resp: 47044
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

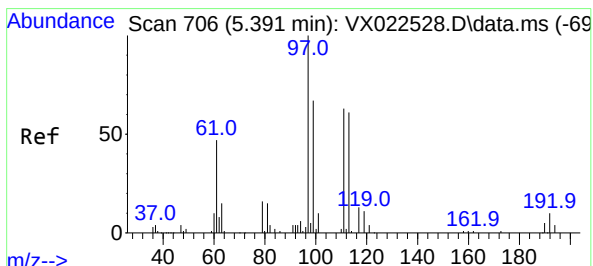
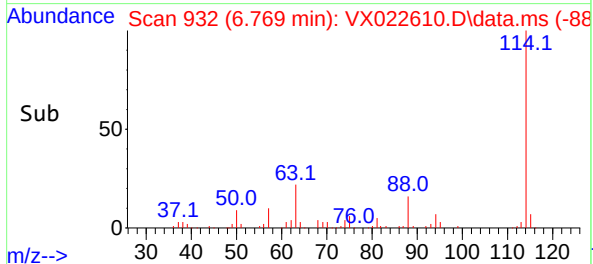
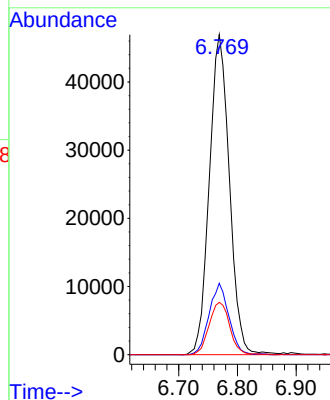
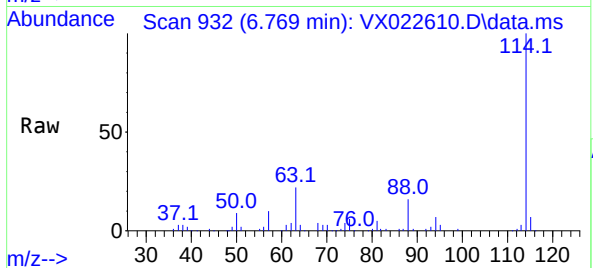




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

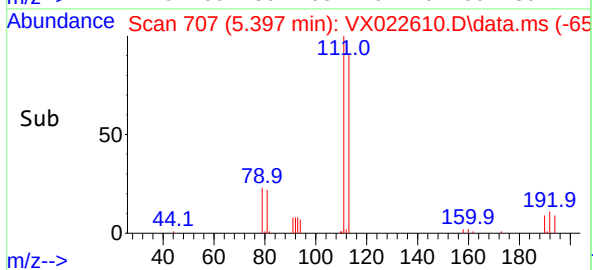
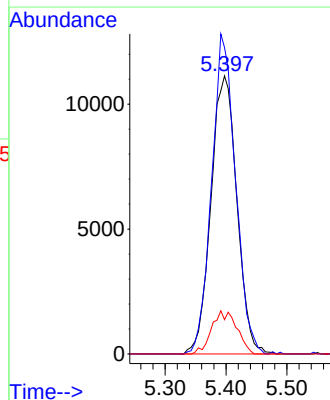
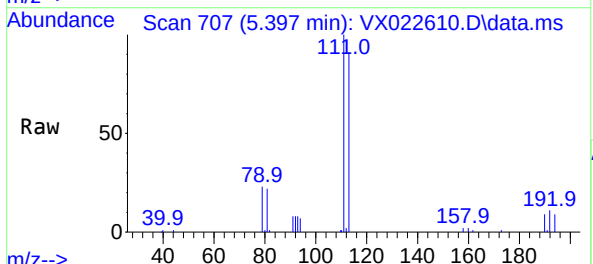
Instrument :
MSVOA_X
ClientSampleId :
1847

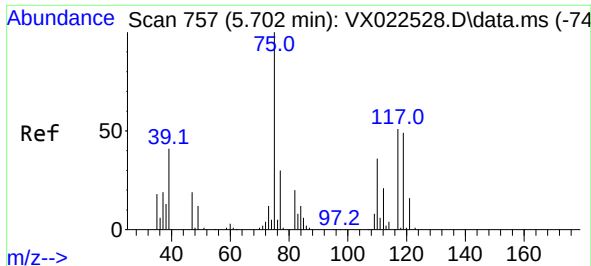
Tgt Ion:114 Resp: 111387
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.31 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

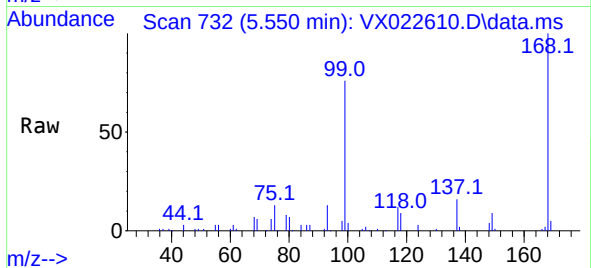
Tgt Ion:113 Resp: 32973
Ion Ratio Lower Upper
113 100
111 105.6 81.9 122.9
192 15.0 16.7 25.1#



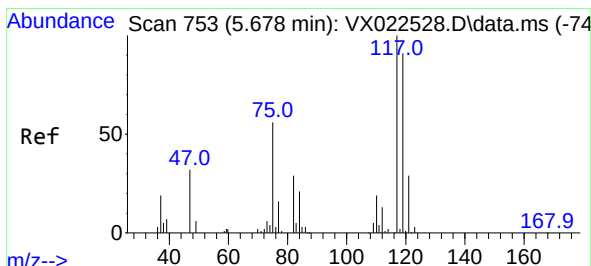
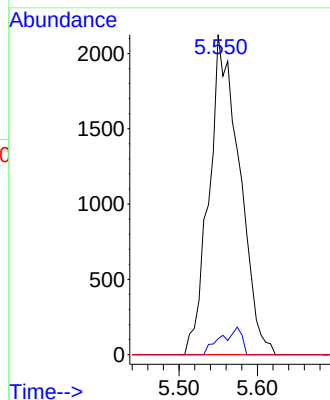
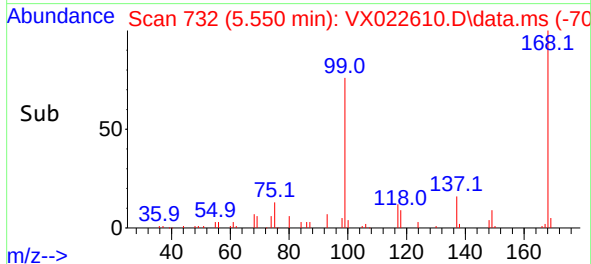


#36
1,1-Dichloropropene
Concen: 5.34 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

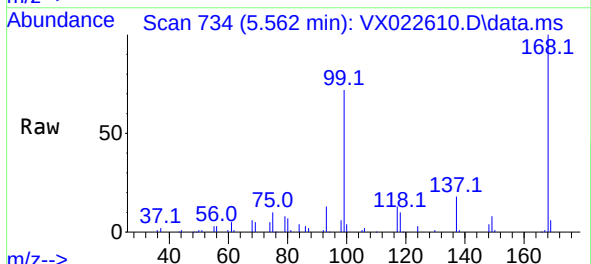
Instrument :
MSVOA_X
ClientSampleId :
1847



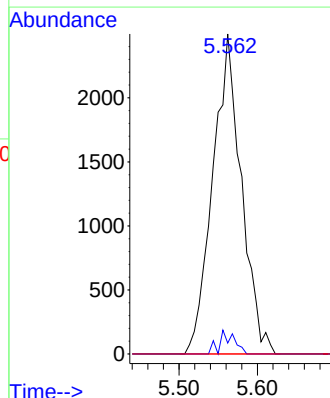
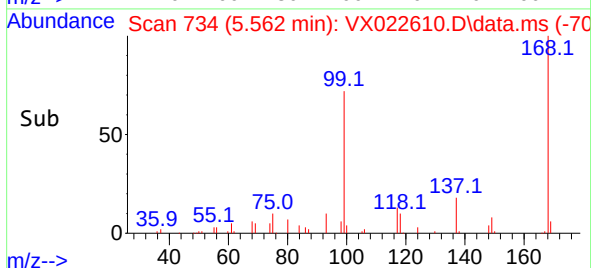
Tgt Ion: 75 Resp: 5750
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#

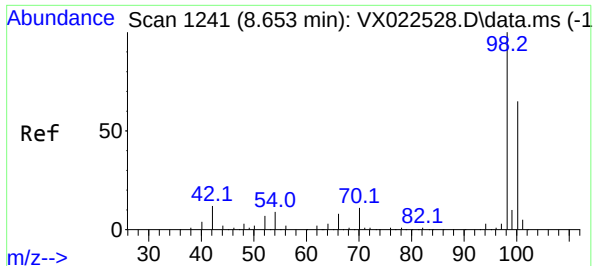


#38
Carbon Tetrachloride
Concen: 8.15 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50



Tgt Ion: 117 Resp: 6341
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

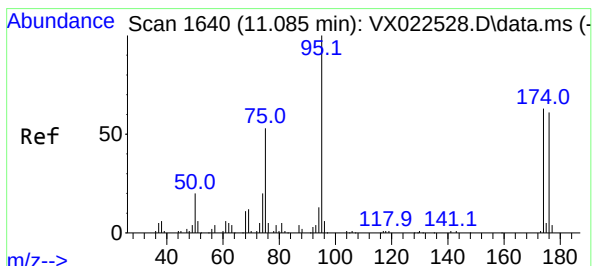
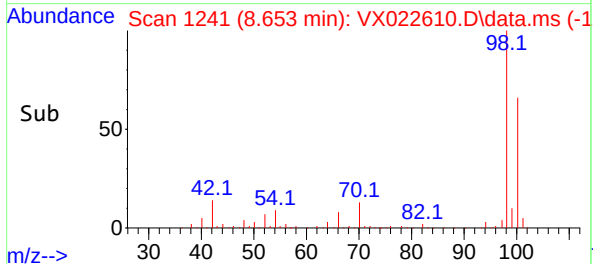
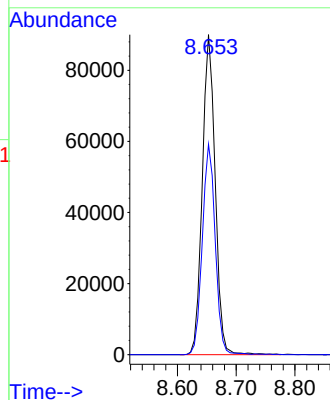
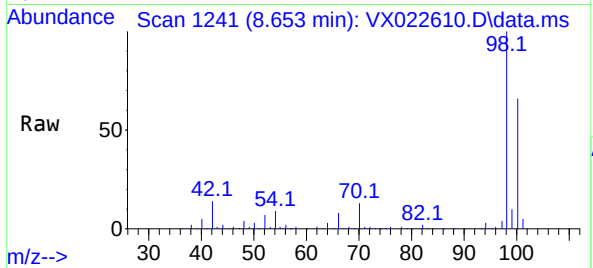




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

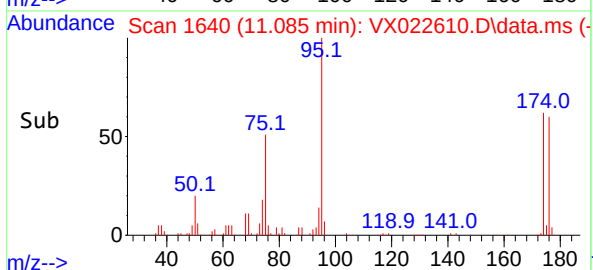
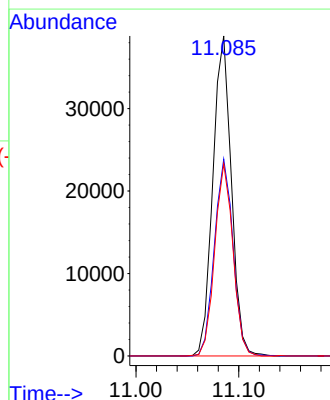
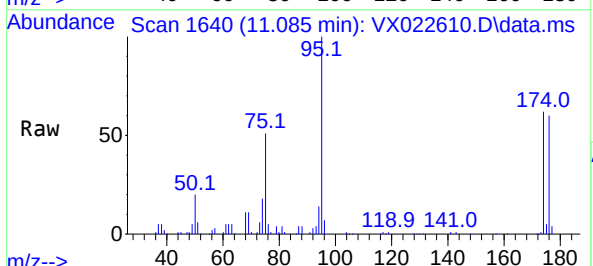
Instrument :
MSVOA_X
ClientSampled :
1847

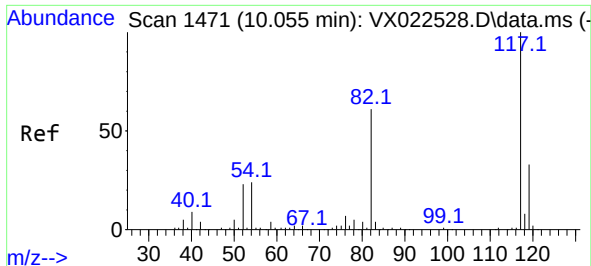
Tgt Ion: 98 Resp: 137463
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 95 Resp: 48411
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 59.2 0.0 155.8

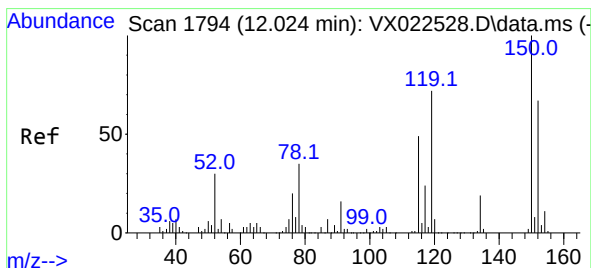
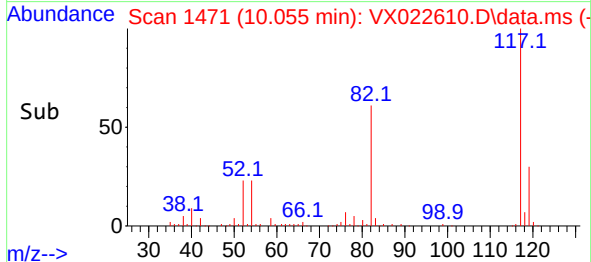
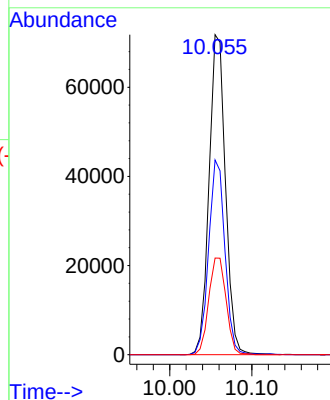
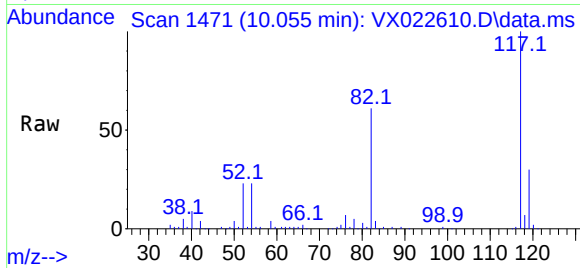




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

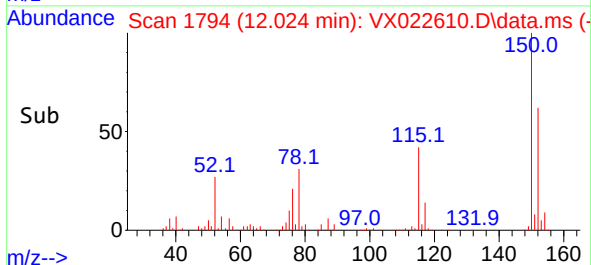
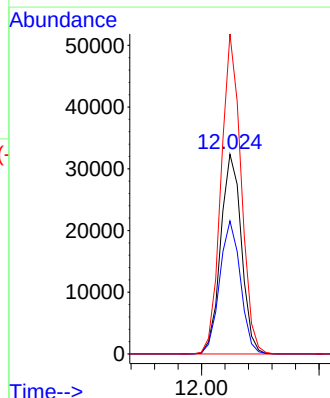
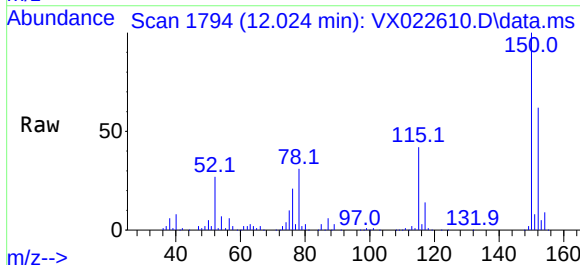
Instrument :
MSVOA_X
ClientSampled :
1847

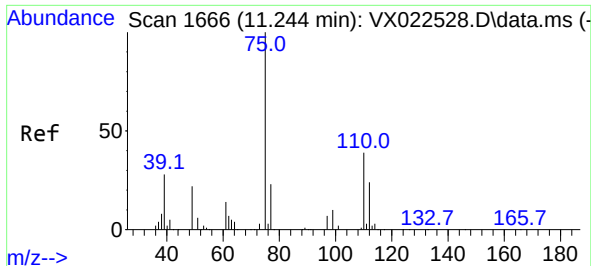
Tgt Ion:117 Resp: 99612
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 30.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion:152 Resp: 39649
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 154.8 0.0 349.0

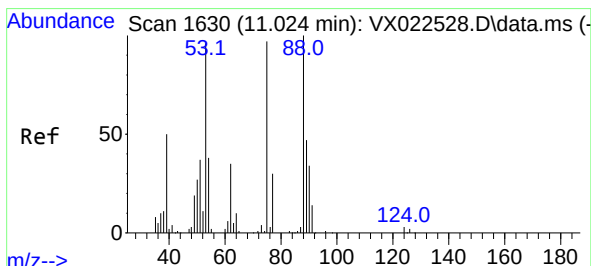
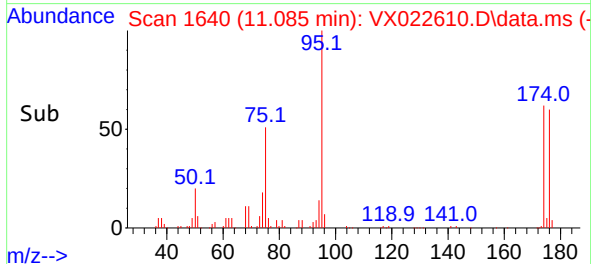
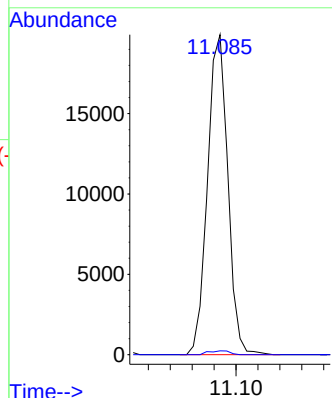
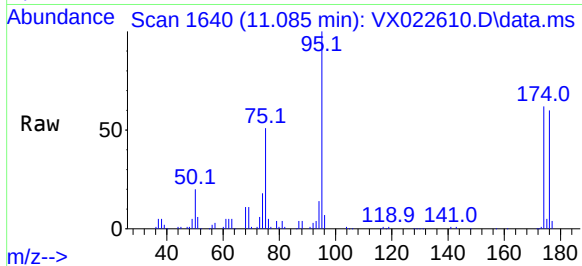




#76
1,2,3-Trichloropropane
Concen: 24.90 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Instrument :
MSVOA_X
ClientSampled :
1847

Tgt Ion: 75 Resp: 25571
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022610.D
Acq: 09 Jun 2021 13:50

Tgt Ion: 75 Resp: 25571
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

