

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022554.D
 Acq On : 08 Jun 2021 11:23
 Operator : JC/MD
 Sample : VX0608MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 03:58:38 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)

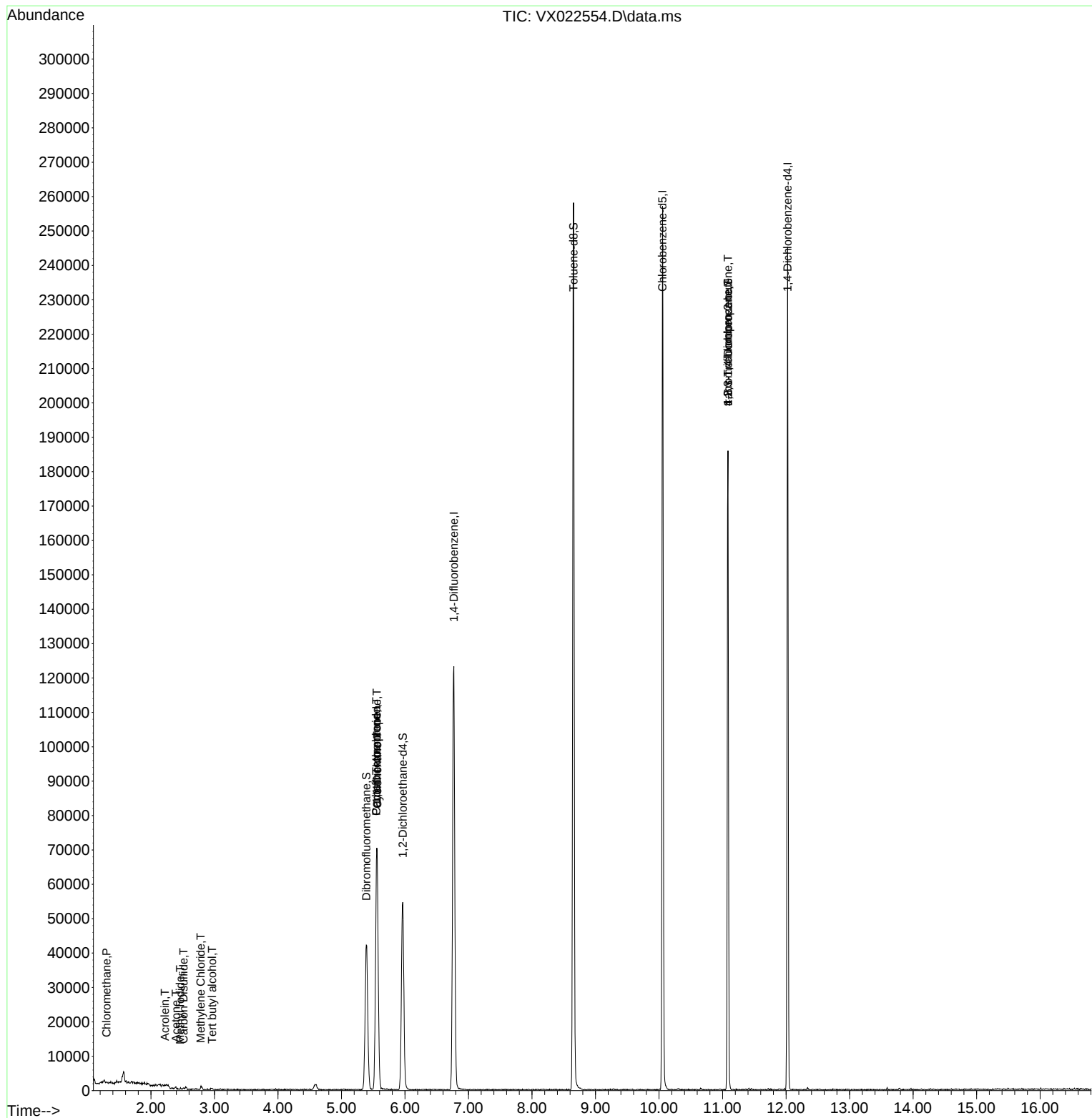
Internal Standards						
1) Pentafluorobenzene	5.550	168	59376	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	123846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50639	47.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.940%
35) Dibromofluoromethane	5.391	113	36441	47.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.060%
50) Toluene-d8	8.653	98	149147	48.240	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.085	95	52860	45.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	177	0.212	ug/l #	42
10) Methyl Iodide	2.459	142	229	0.267	ug/l #	52
11) Tert butyl alcohol	2.965	59	195	0.824	ug/l #	73
13) Acrolein	2.221	56	20	3.294	ug/l #	14
16) Acetone	2.392	43	461	0.972	ug/l #	62
17) Carbon Disulfide	2.514	76	333	3.549	ug/l #	75
20) Methylene Chloride	2.782	84	428	0.432	ug/l #	74
31) Cyclohexane	5.562	56	1723	1.380	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5757	4.805	ug/l #	45
38) Carbon Tetrachloride	5.550	117	6874	8.005	ug/l #	12
76) 1,2,3-Trichloropropane	11.085	75	27613	24.491	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27613	60.724	ug/l #	12

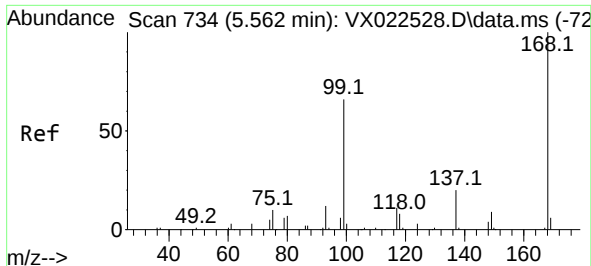
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
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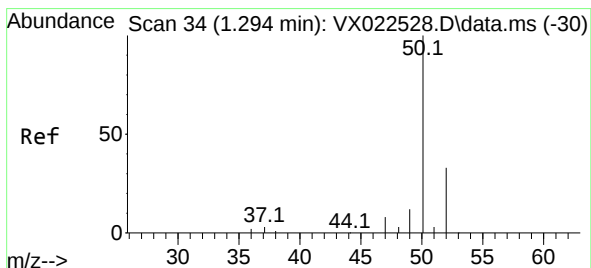
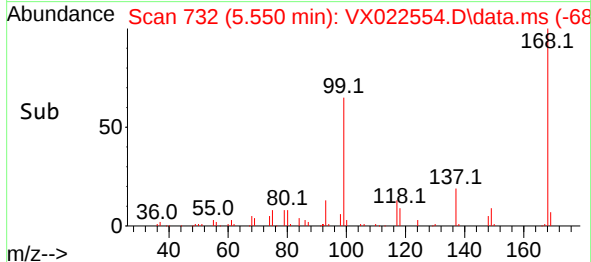
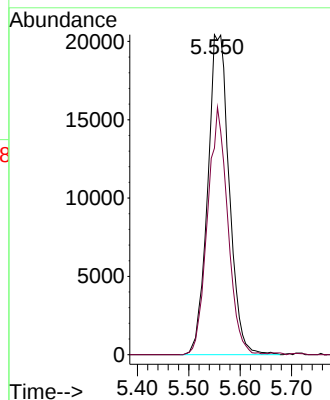
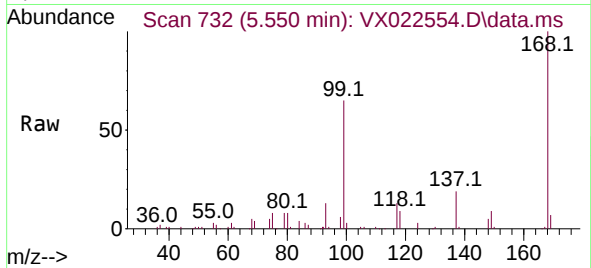




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.012 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

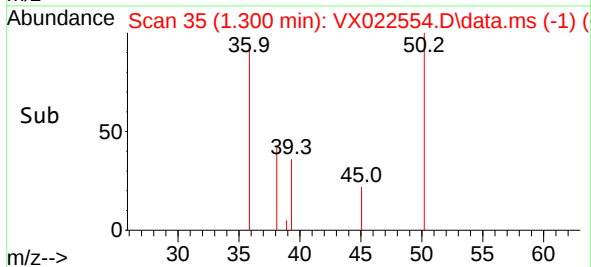
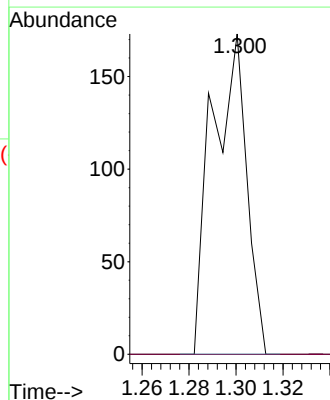
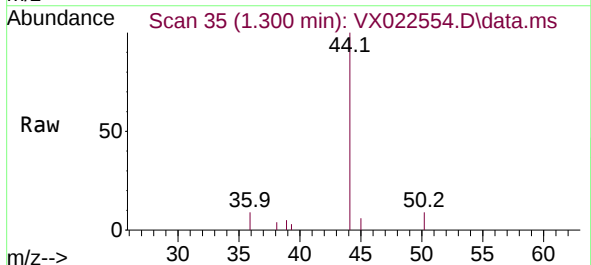
Instrument :
MSVOA_X
ClientSampled :

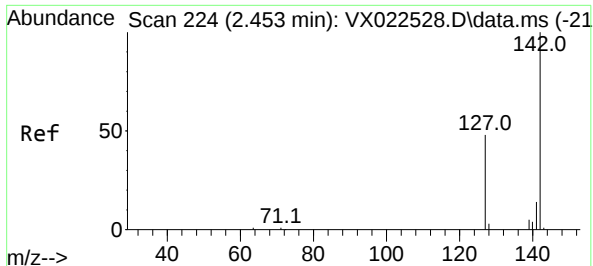
Tgt Ion:168 Resp: 59376
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

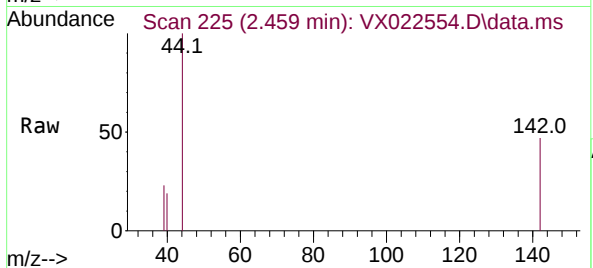
Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



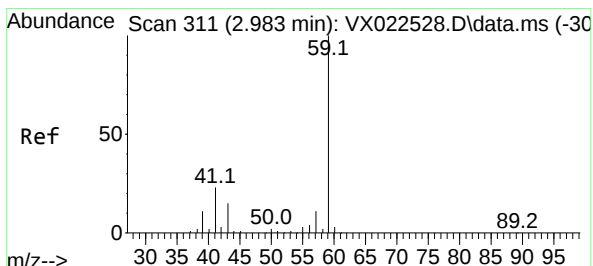
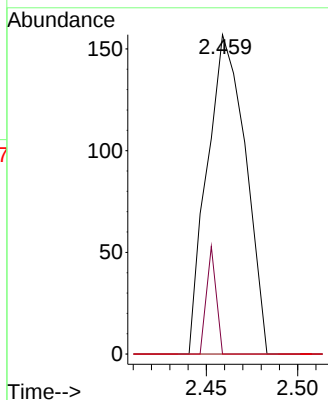
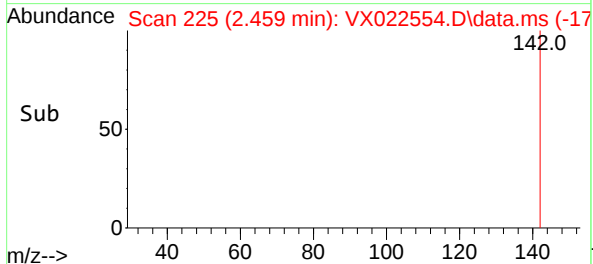


#10
Methyl Iodide
Concen: 0.267 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

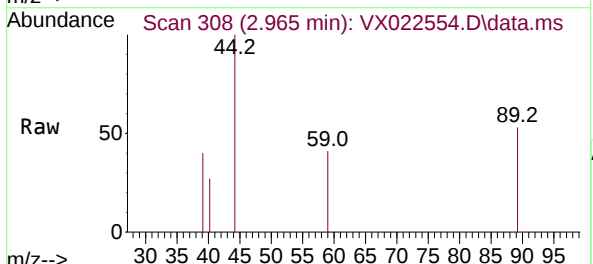
Instrument :
MSVOA_X
ClientSampleId :



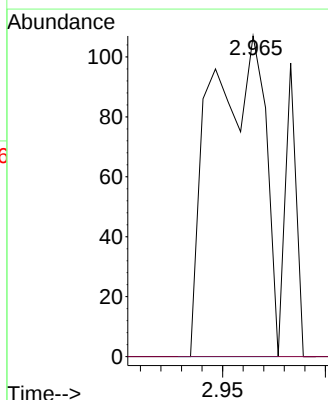
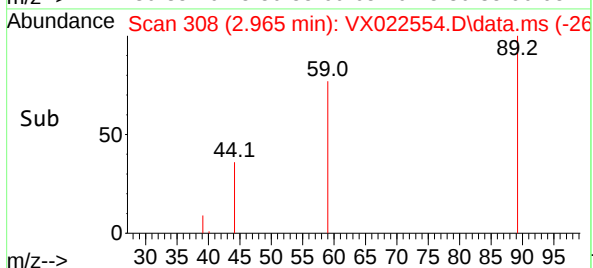
Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
127 8.3 33.3 49.9#
141 0.0 11.4 17.0#

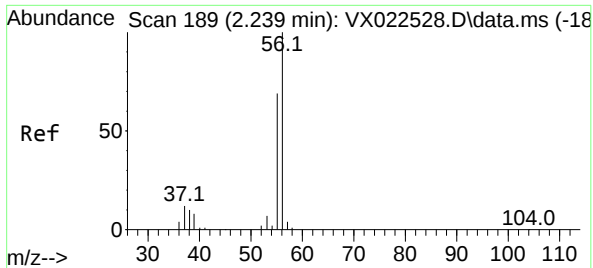


#11
Tert butyl alcohol
Concen: 0.824 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23



Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

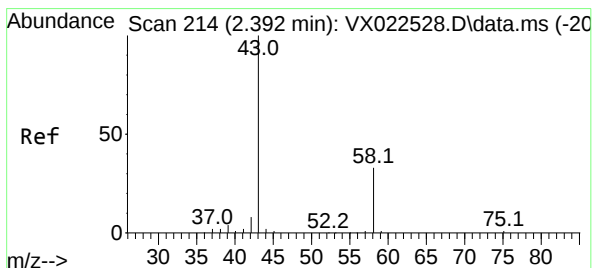
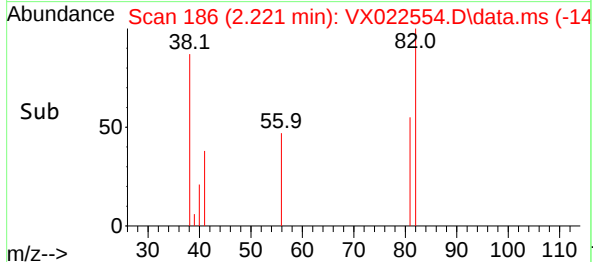
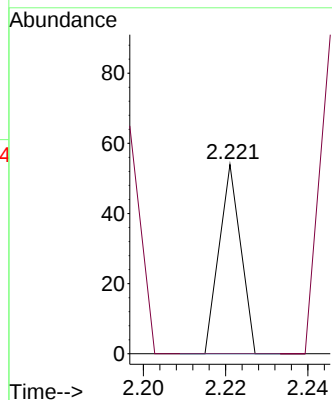
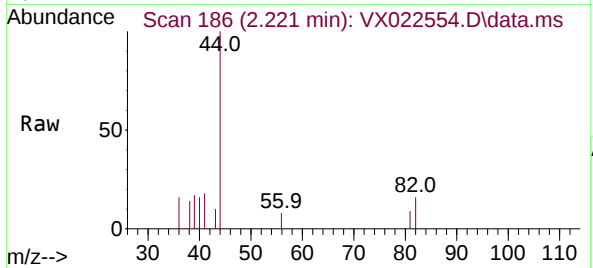




#13
Acrolein
Concen: 3.294 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

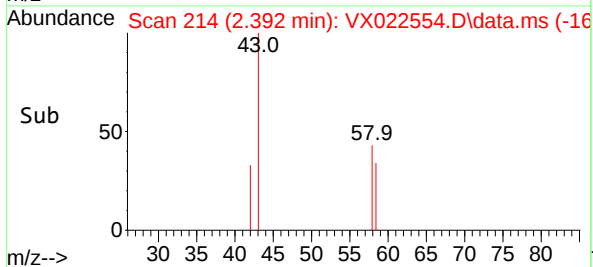
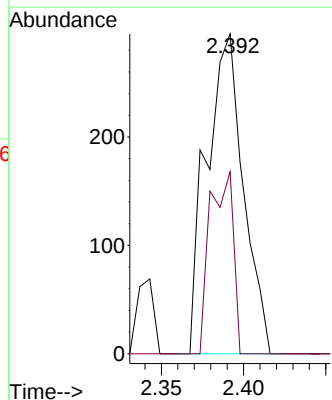
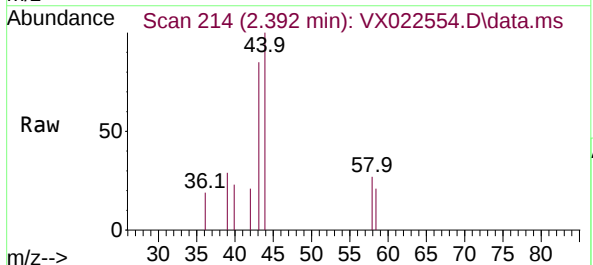
Instrument :
MSVOA_X
ClientSampled :

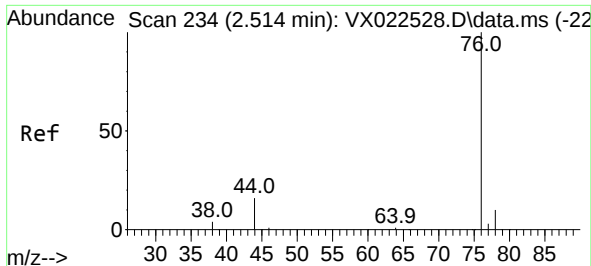
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.972 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

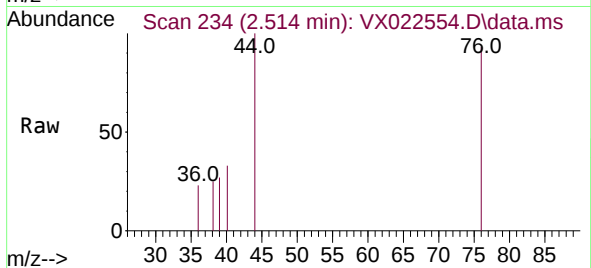
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 56.9 27.8 41.8#



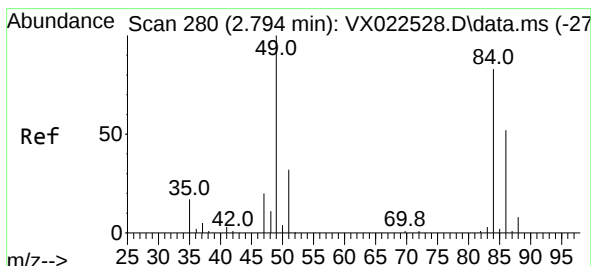
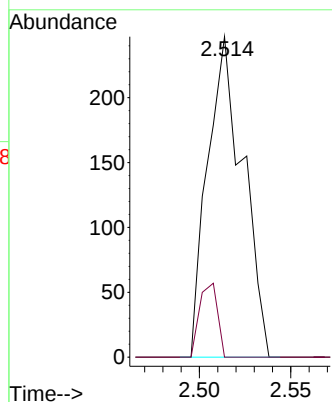
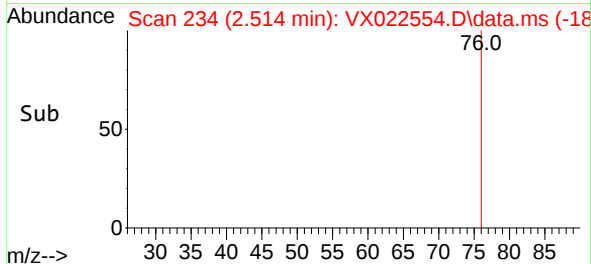


#17
Carbon Disulfide
Concen: 3.549 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

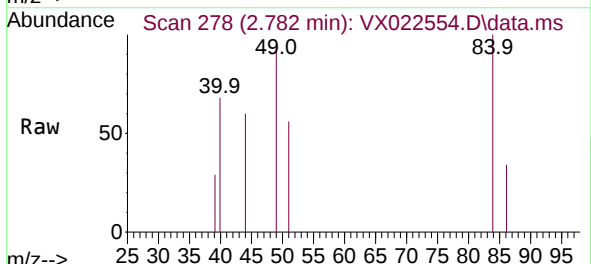
Instrument :
MSVOA_X
ClientSampled :



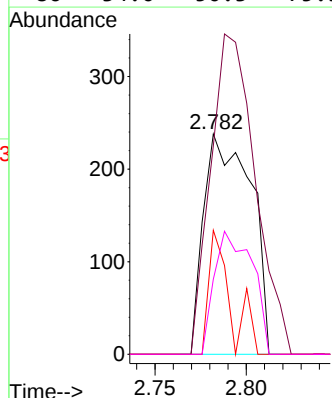
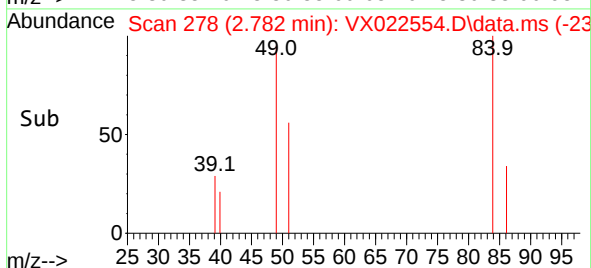
Tgt Ion: 76 Resp: 333
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

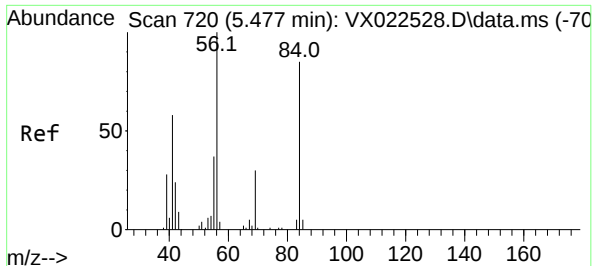


#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23



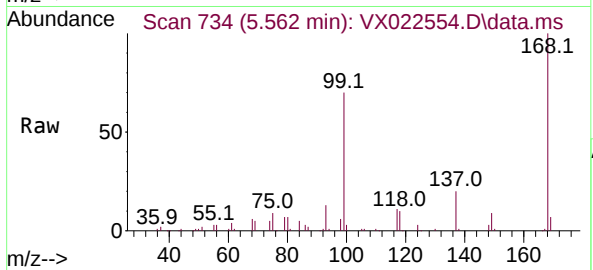
Tgt Ion: 84 Resp: 428
Ion Ratio Lower Upper
84 100
49 94.5 88.6 132.8
51 56.3 27.0 40.6#
86 34.0 50.3 75.5#



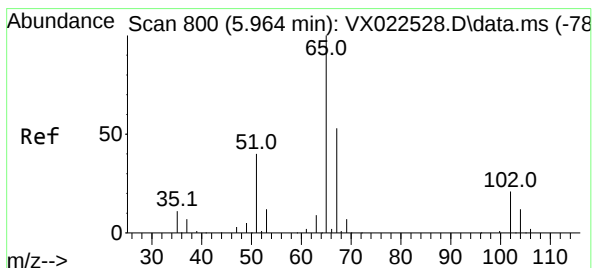
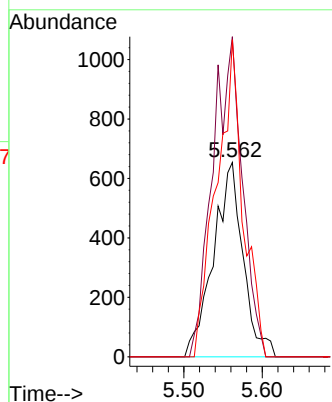
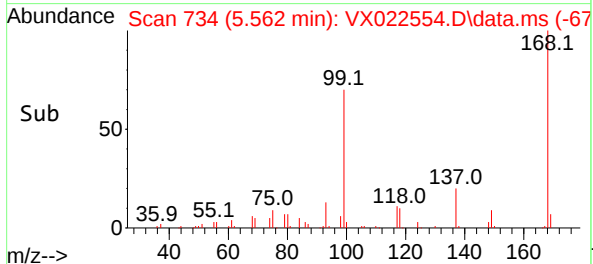


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

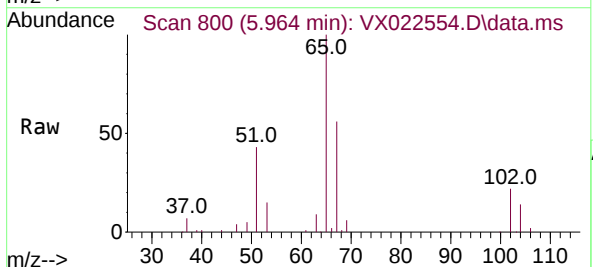
Instrument :
MSVOA_X
ClientSampleId :



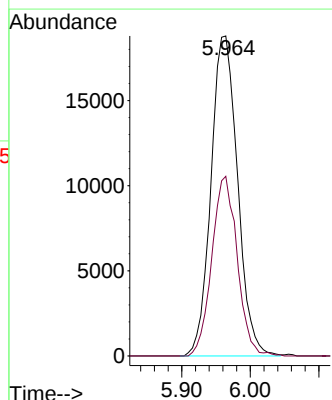
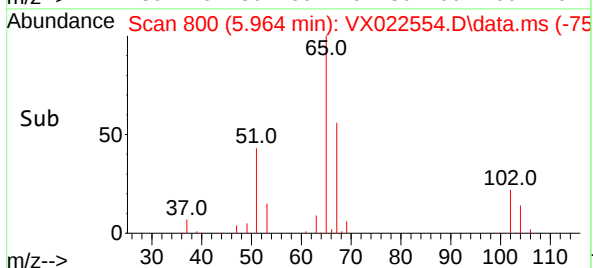
Tgt Ion: 56 Resp: 1723
Ion Ratio Lower Upper
56 100
69 164.7 25.3 37.9#
84 163.1 71.4 107.0#

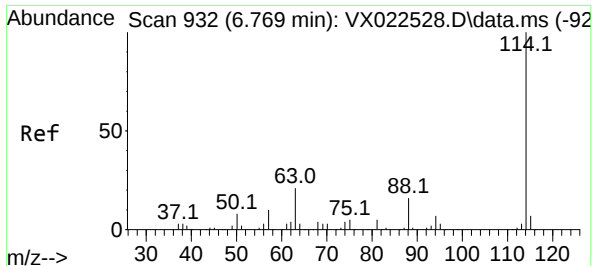


#33
1,2-Dichloroethane-d4
Concen: 47.974 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23



Tgt Ion: 65 Resp: 50639
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

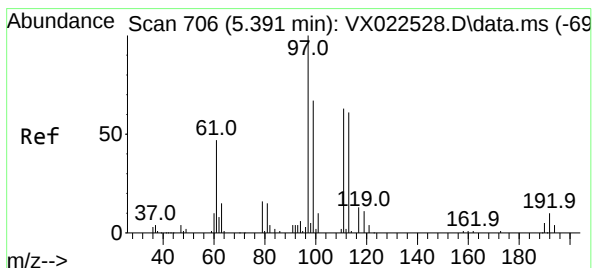
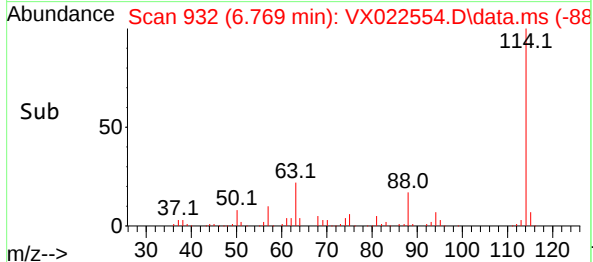
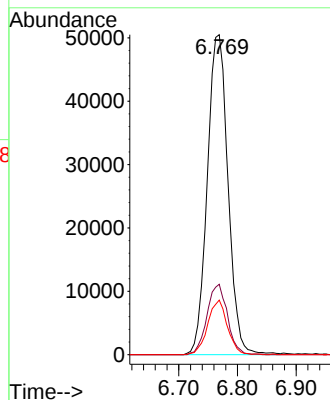
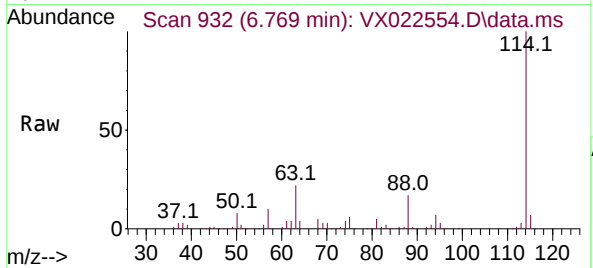




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

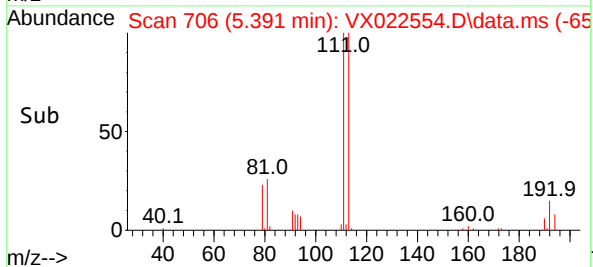
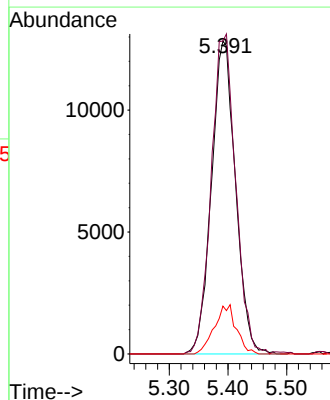
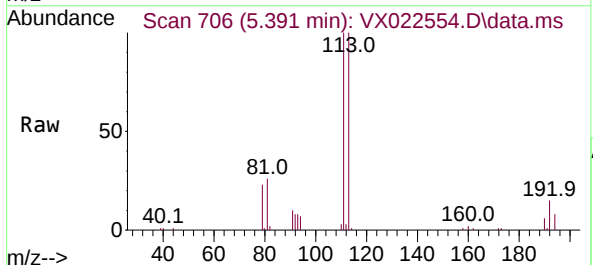
Instrument :
MSVOA_X
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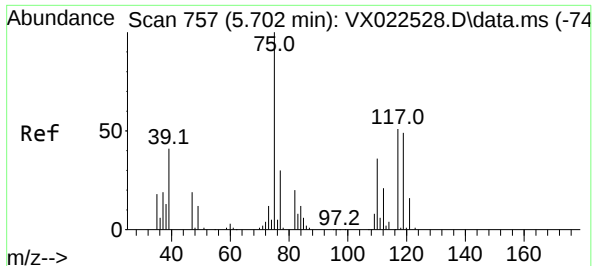
Tgt Ion:114 Resp: 123846
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.029 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

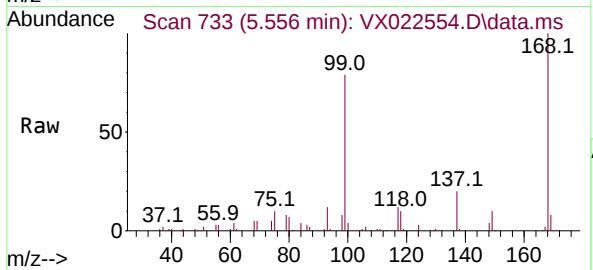
Tgt Ion:113 Resp: 36441
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 14.3 16.7 25.1#



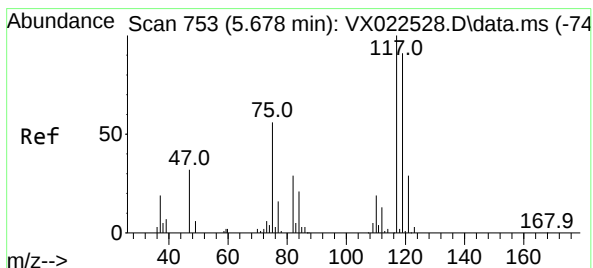
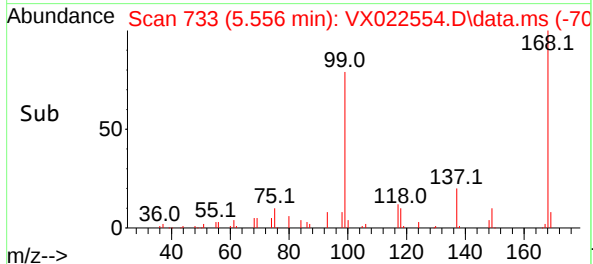
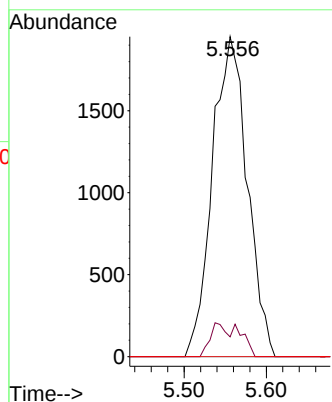


#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

Instrument :
MSVOA_X
ClientSampled :

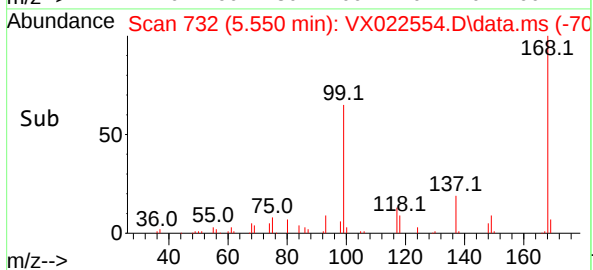
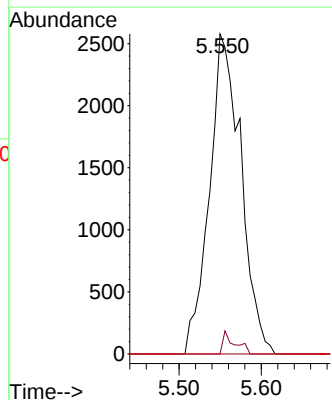
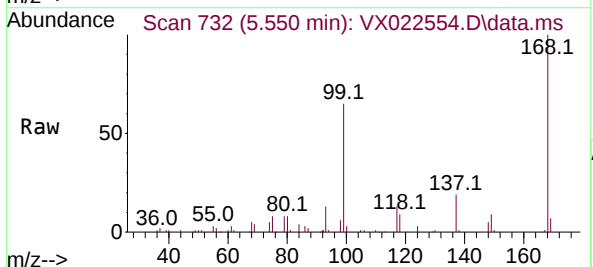


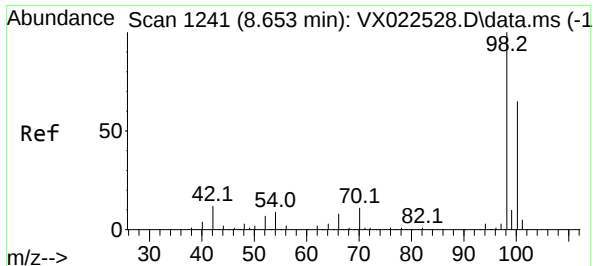
Tgt Ion: 75 Resp: 5757
Ion Ratio Lower Upper
75 100
110 5.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.005 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

Tgt Ion: 117 Resp: 6874
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.240 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022554.D

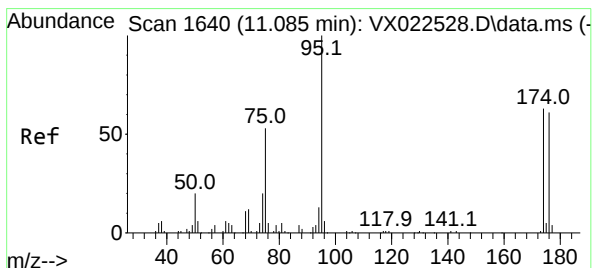
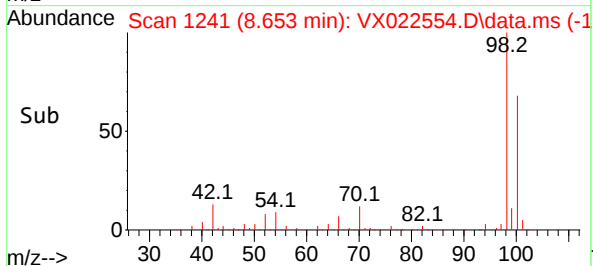
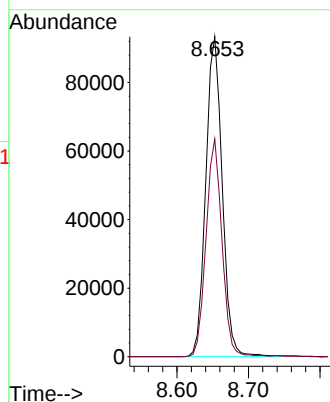
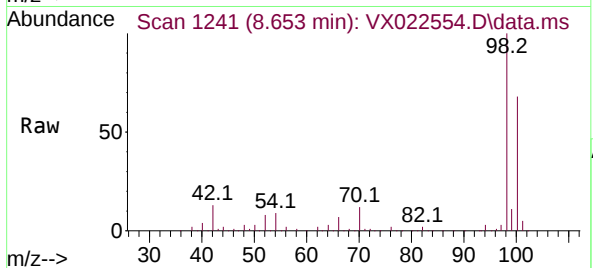
Acq: 08 Jun 2021 11:23

Tgt Ion: 98 Resp: 149147

Ion Ratio Lower Upper

98 100

100 66.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.998 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022554.D

Acq: 08 Jun 2021 11:23

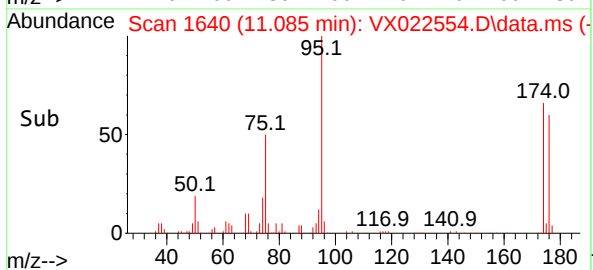
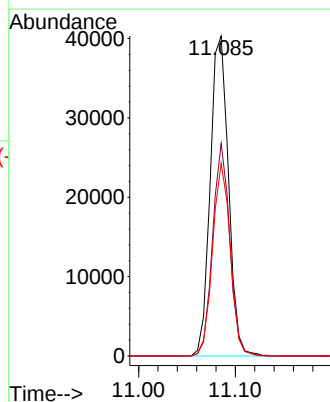
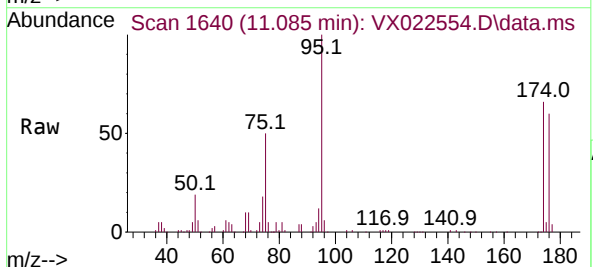
Tgt Ion: 95 Resp: 52860

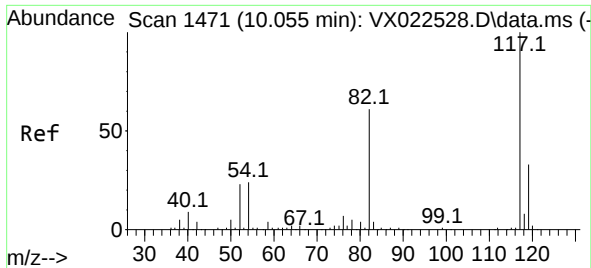
Ion Ratio Lower Upper

95 100

174 62.2 0.0 154.6

176 58.2 0.0 155.8

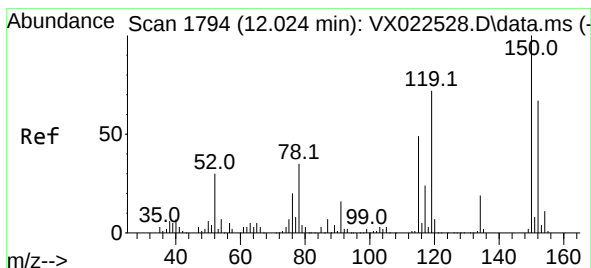
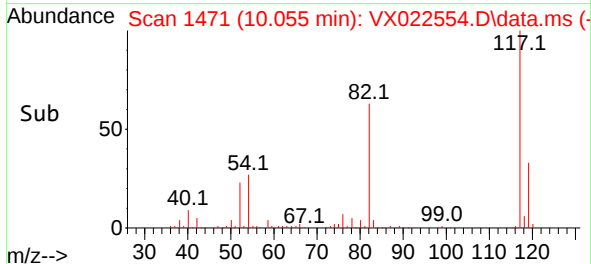
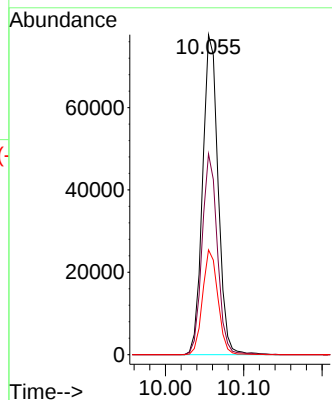
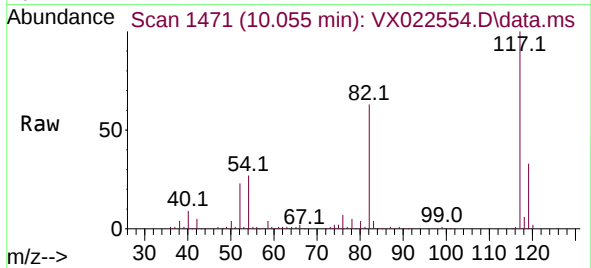




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

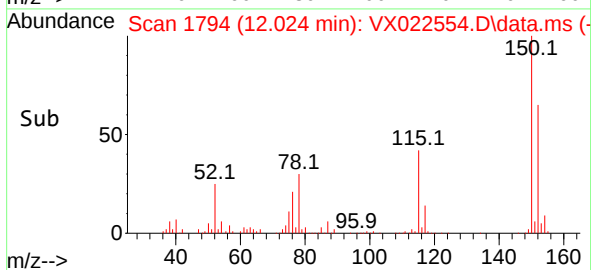
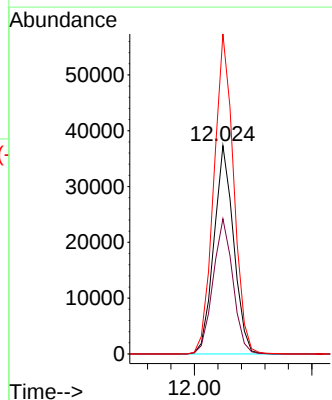
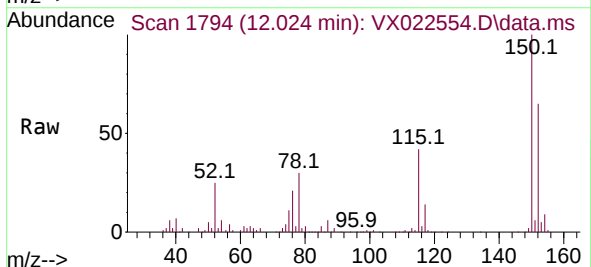
Instrument :
MSVOA_X
ClientSampleId :

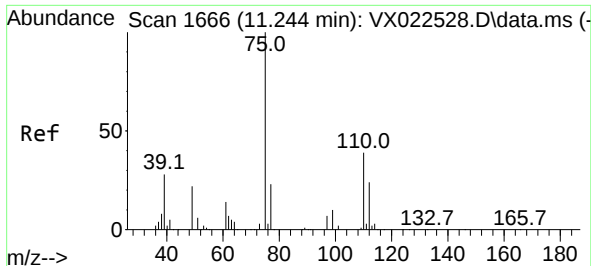
Tgt Ion:117 Resp: 106632
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

Tgt Ion:152 Resp: 43522
Ion Ratio Lower Upper
152 100
115 65.2 41.1 123.3
150 154.5 0.0 349.0

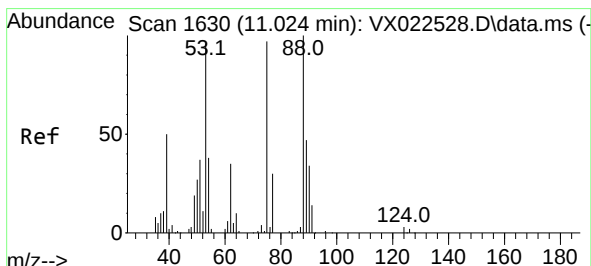
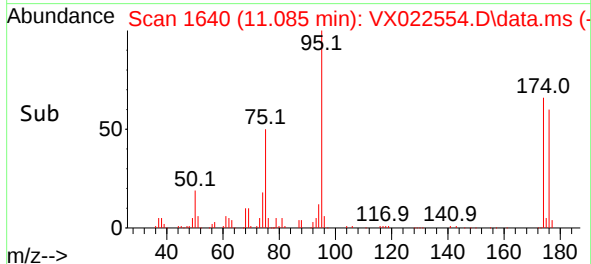
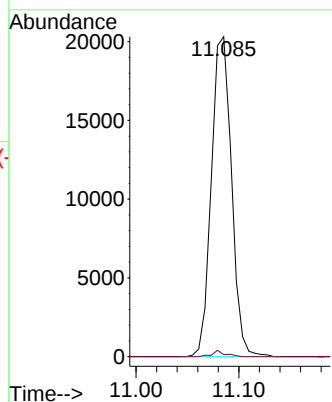
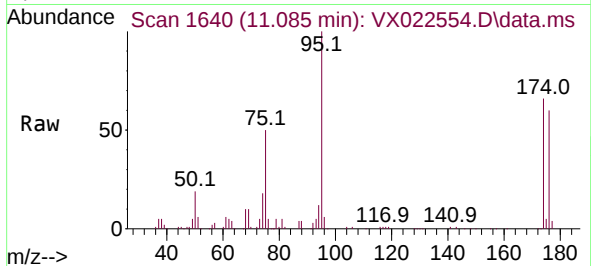




#76
1,2,3-Trichloropropane
Concen: 24.491 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27613
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.724 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022554.D
Acq: 08 Jun 2021 11:23

Tgt Ion: 75 Resp: 27613
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

