

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022555.D
 Acq On : 08 Jun 2021 11:46
 Operator : JC/MD
 Sample : VX0608WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 03:58:49 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)

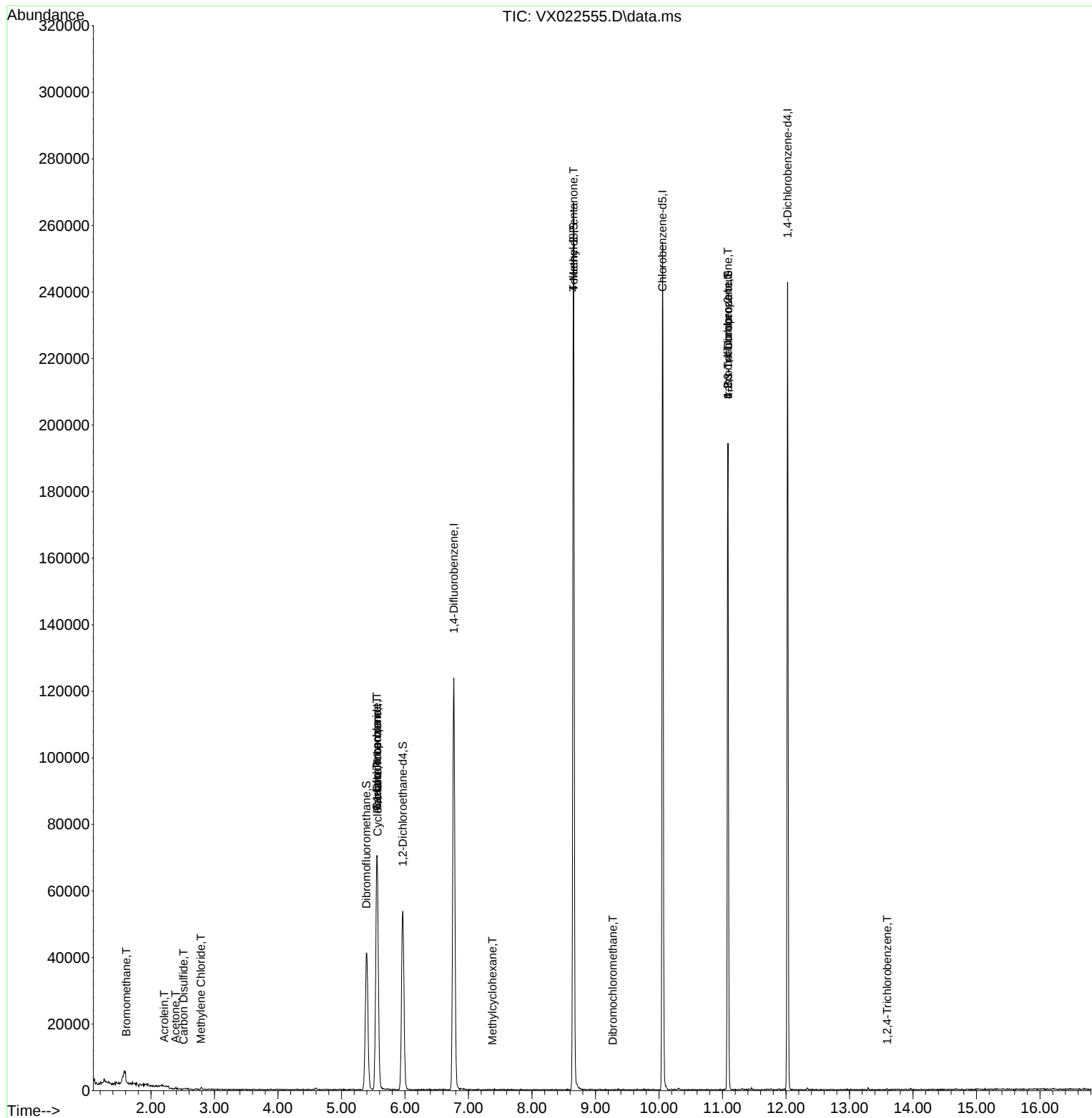
Internal Standards						
1) Pentafluorobenzene	5.562	168	60191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	121023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50335	47.040	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	36571	48.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	8.653	98	148829	49.260	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.086	95	54040	48.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	255	0.587	ug/l	# 28
13) Acrolein	2.209	56	18	3.275	ug/l	# 57
16) Acetone	2.386	43	337	0.701	ug/l	# 40
17) Carbon Disulfide	2.514	76	301	3.531	ug/l	# 75
20) Methylene Chloride	2.788	84	294	0.293	ug/l	# 51
31) Cyclohexane	5.568	56	1639	1.295	ug/l	# 9
36) 1,1-Dichloropropene	5.556	75	6061	5.177	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	7058	8.300	ug/l	# 17
39) Methylcyclohexane	7.379	83	22	1.859	ug/l	# 19
51) 4-Methyl-2-Pentanone	8.653	43	700	0.461	ug/l	# 1
60) Dibromochloromethane	9.275	129	46	3.621	ug/l	# 11
76) 1,2,3-Trichloropropane	11.086	75	28429	25.769	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	28429	63.589	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.591	180	188	0.227	ug/l	# 32

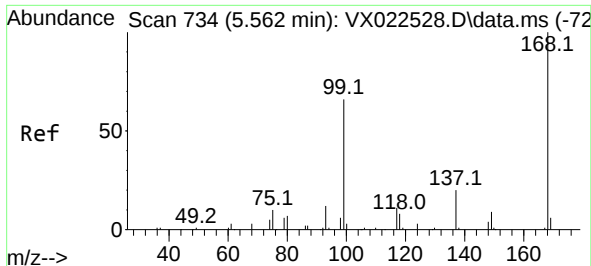
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 03:58:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
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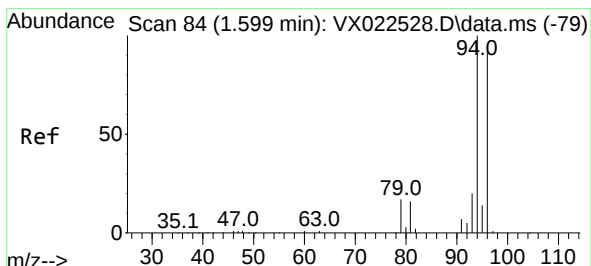
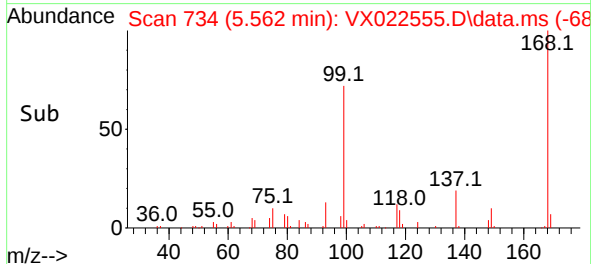
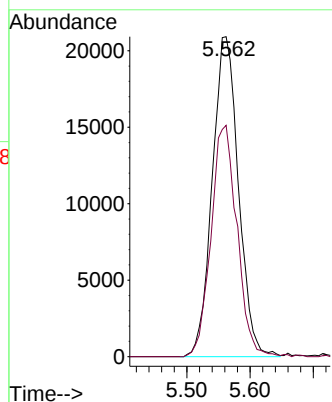
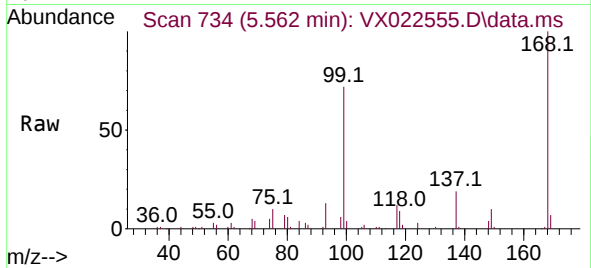




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

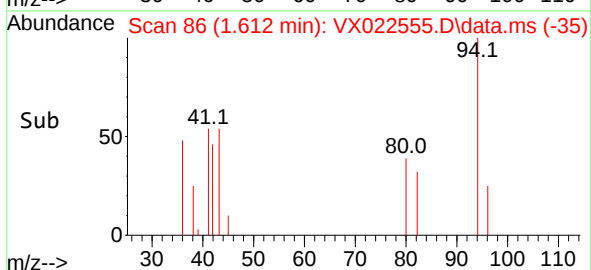
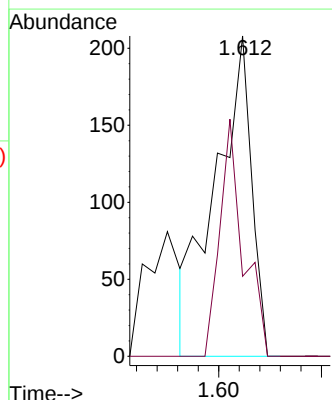
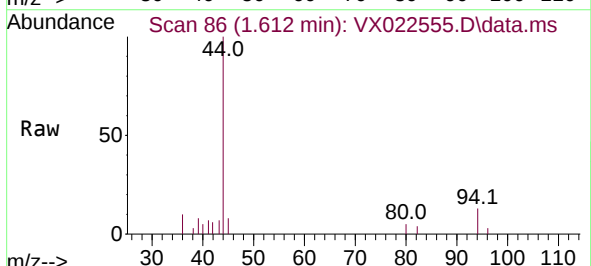
Instrument :
MSVOA_X
ClientSampled :

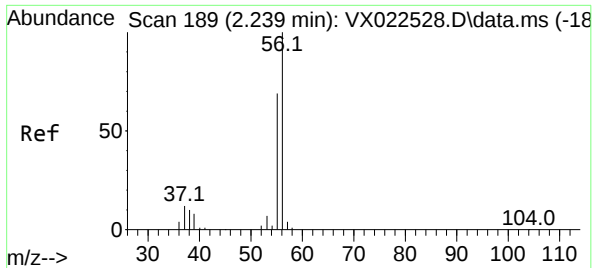
Tgt Ion:168 Resp: 60191
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#5
Bromomethane
Concen: 0.587 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 25.0 76.4 114.6#

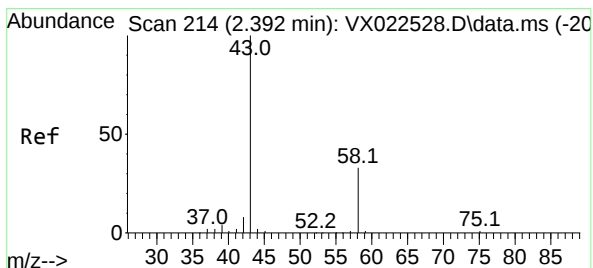
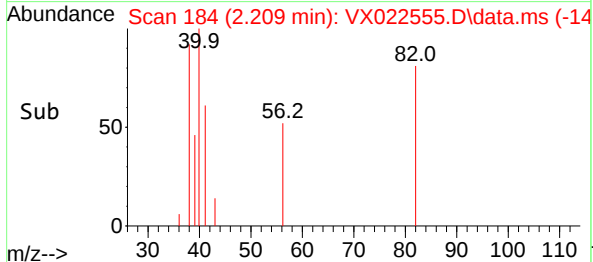
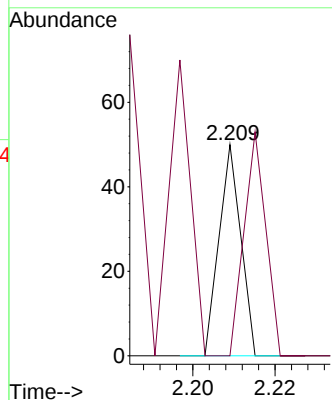
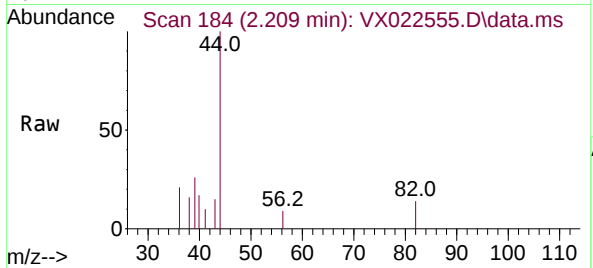




#13
Acrolein
Concen: 3.275 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

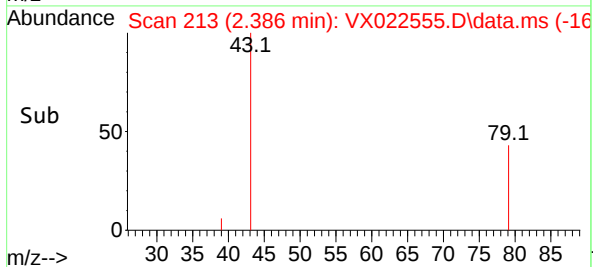
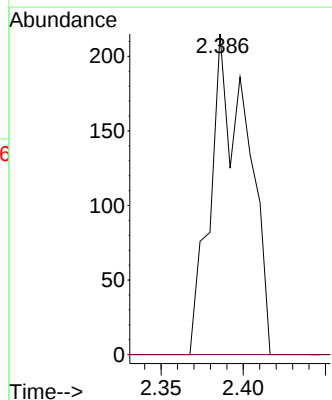
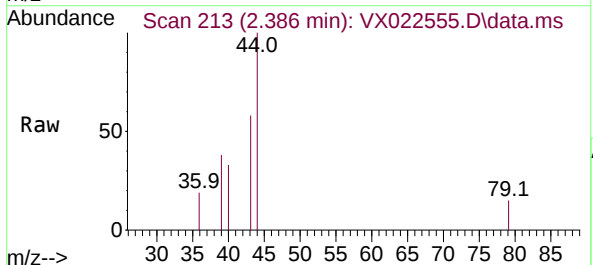
Instrument :
MSVOA_X
ClientSampled :

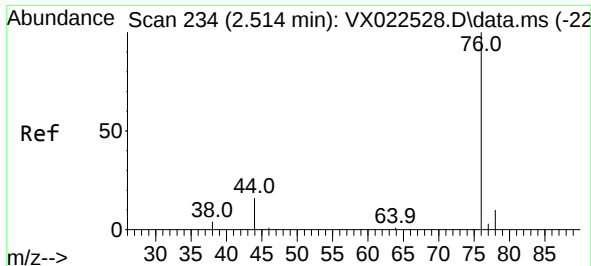
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 105.6 56.4 84.6#



#16
Acetone
Concen: 0.701 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

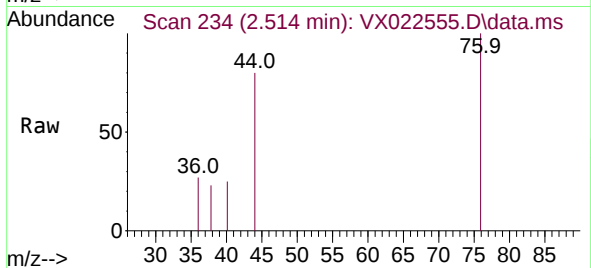
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



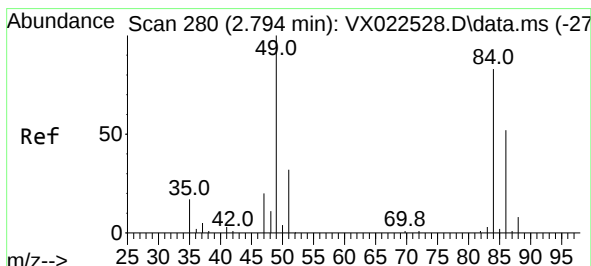
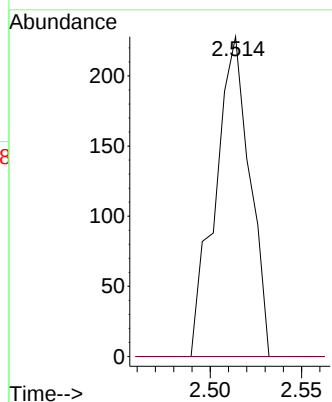
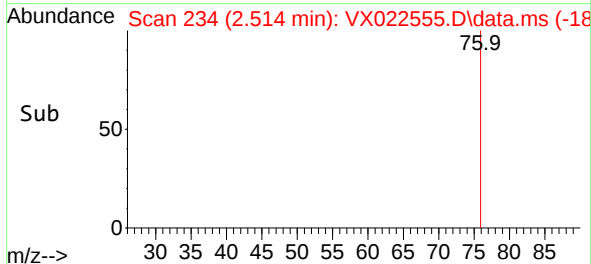


#17
Carbon Disulfide
Concen: 3.531 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

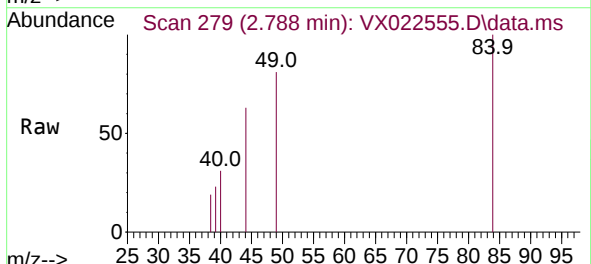
Instrument :
MSVOA_X
ClientSampled :



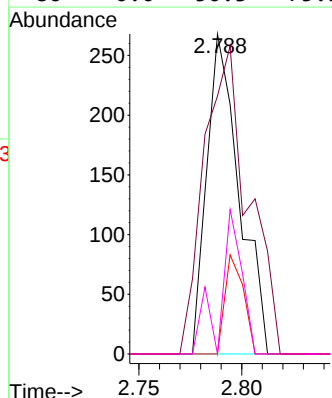
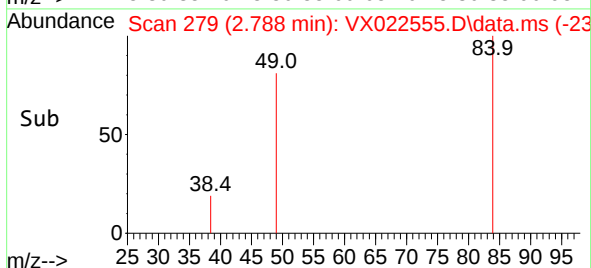
Tgt Ion: 76 Resp: 301
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

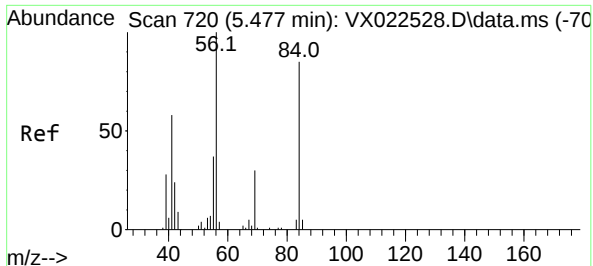


#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46



Tgt Ion: 84 Resp: 294
Ion Ratio Lower Upper
84 100
49 80.6 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#

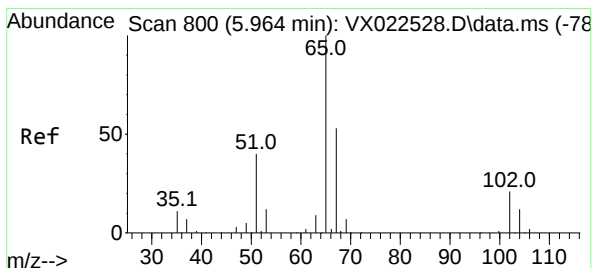
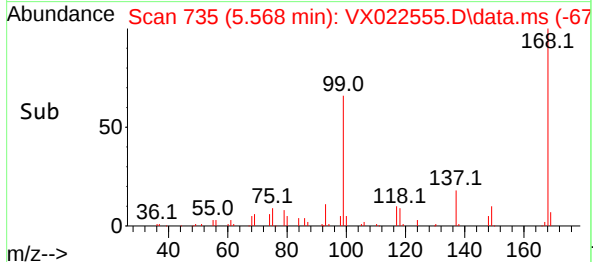
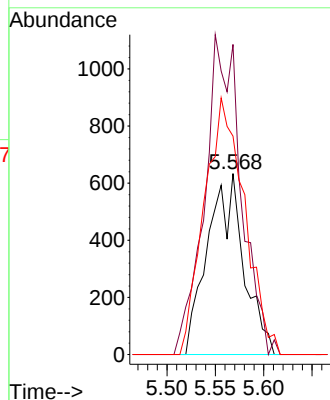
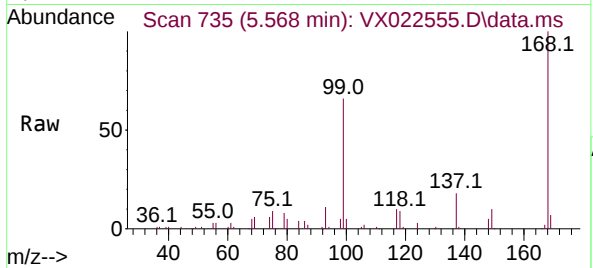




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

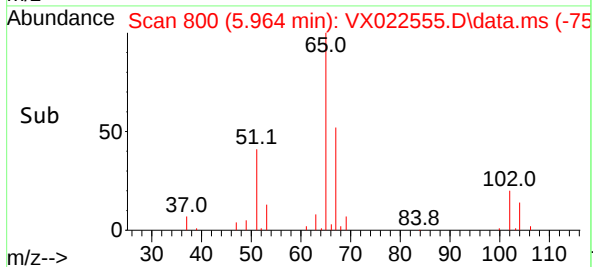
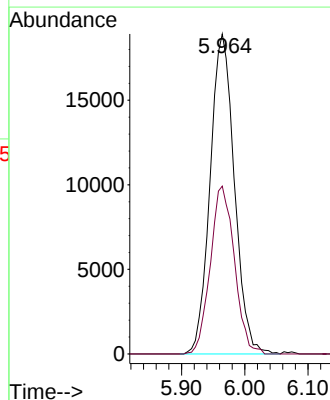
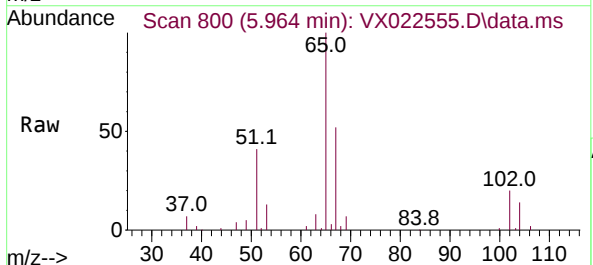
Instrument :
MSVOA_X
ClientSampleId :

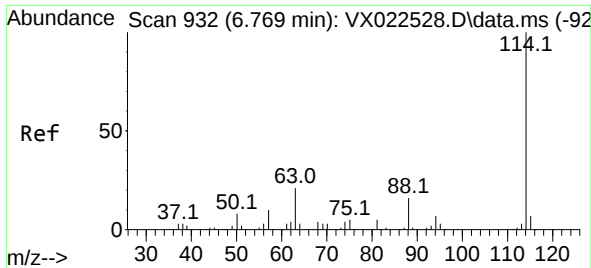
Tgt Ion: 56 Resp: 1639
Ion Ratio Lower Upper
56 100
69 171.3 25.3 37.9#
84 120.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.040 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion: 65 Resp: 50335
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

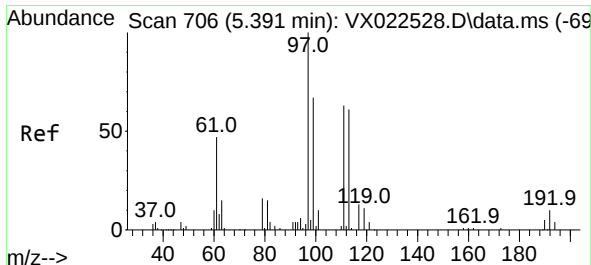
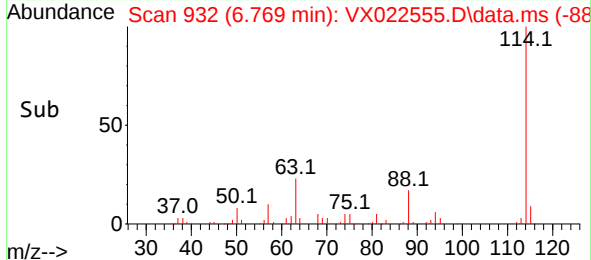
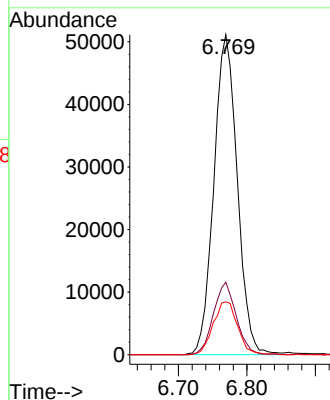
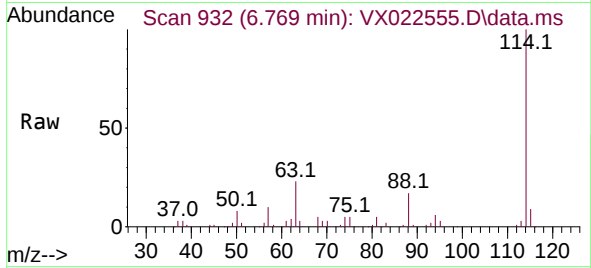




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

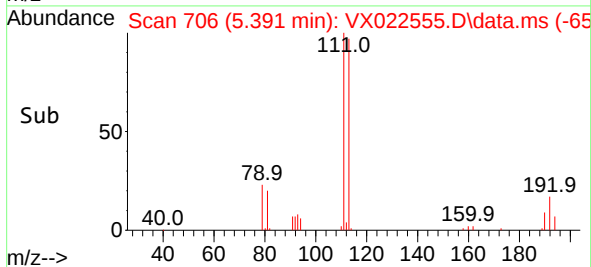
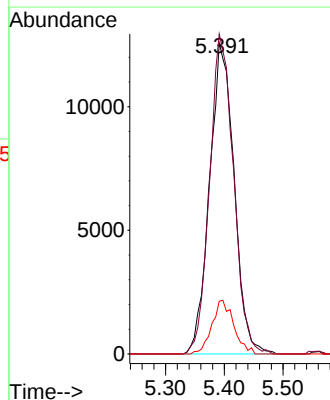
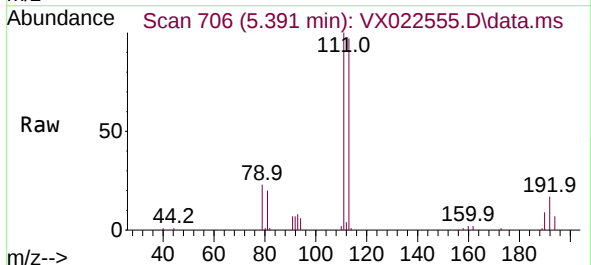
Instrument :
MSVOA_X
ClientSampleId :

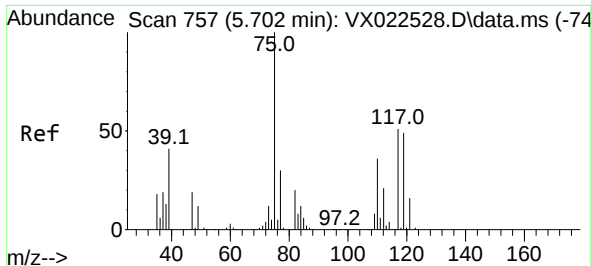
Tgt Ion:114 Resp: 121023
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.298 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion:113 Resp: 36571
Ion Ratio Lower Upper
113 100
111 99.9 81.9 122.9
192 15.4 16.7 25.1#

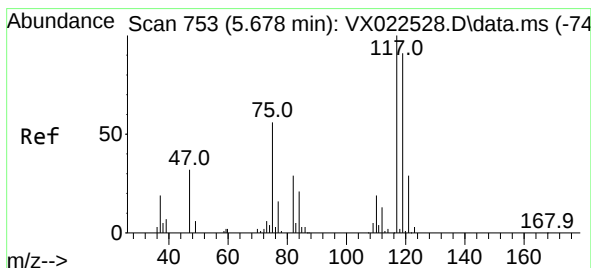
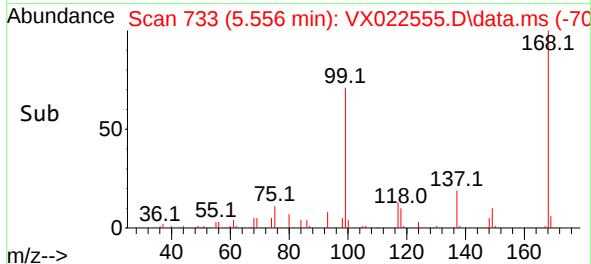
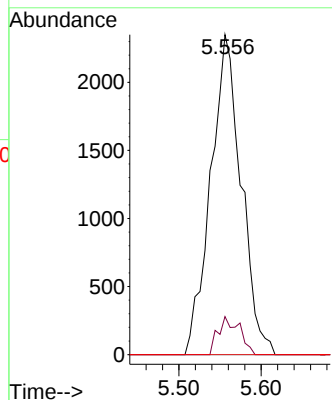
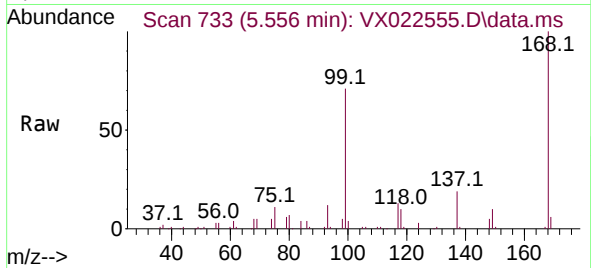




#36
1,1-Dichloropropene
Concen: 5.177 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

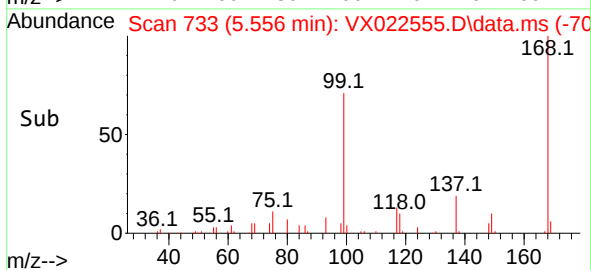
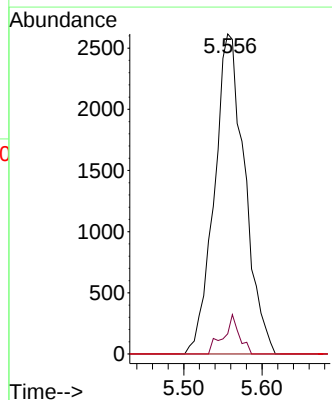
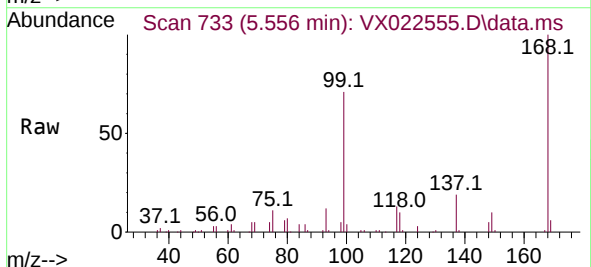
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ClientSampled :

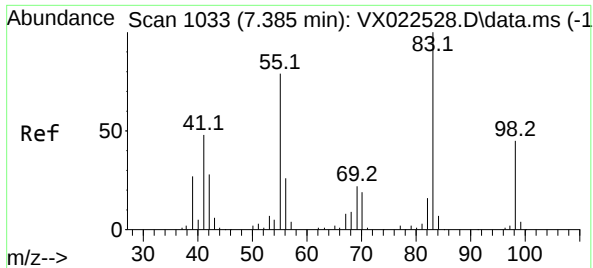
Tgt Ion: 75 Resp: 6061
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.300 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion: 117 Resp: 7058
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.859 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX022555.D

Acq: 08 Jun 2021 11:46

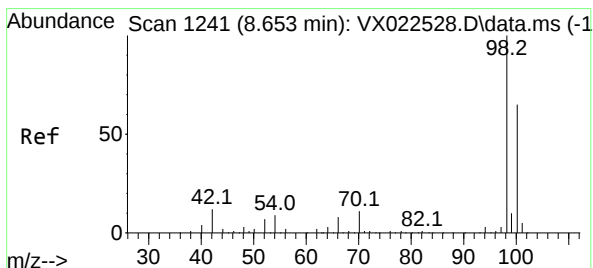
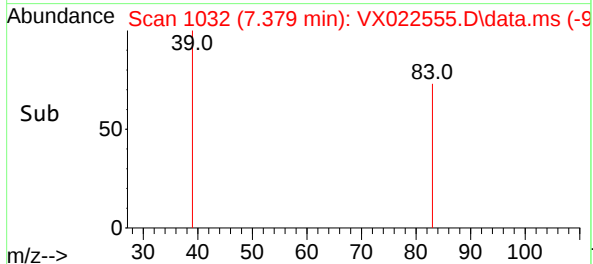
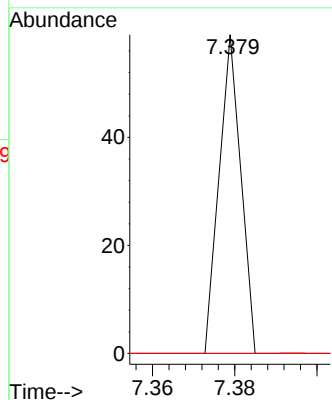
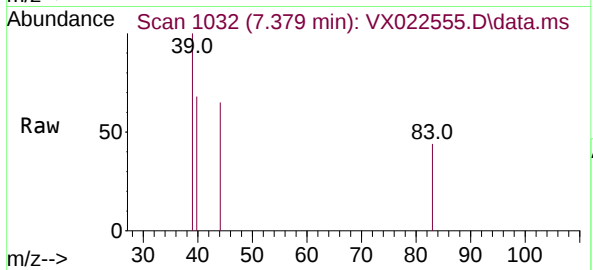
Tgt Ion: 83 Resp: 22

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 0.0 38.1 57.1#



#50

Toluene-d8

Concen: 49.260 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX022555.D

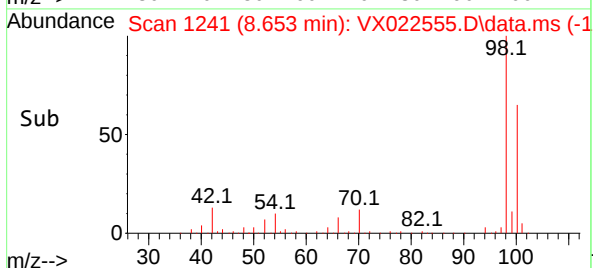
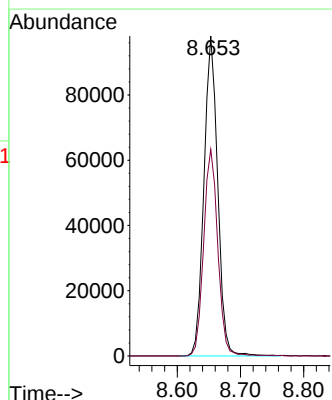
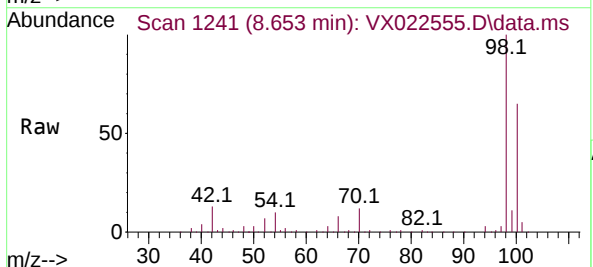
Acq: 08 Jun 2021 11:46

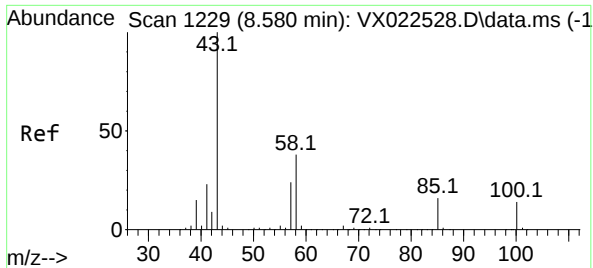
Tgt Ion: 98 Resp: 148829

Ion Ratio Lower Upper

98 100

100 66.2 51.9 77.9

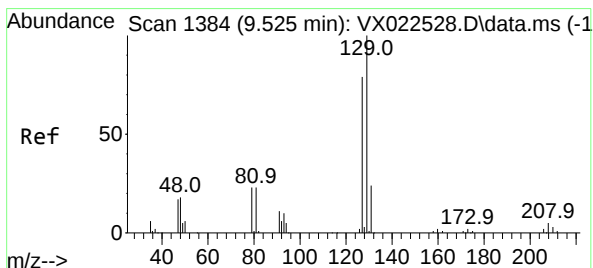
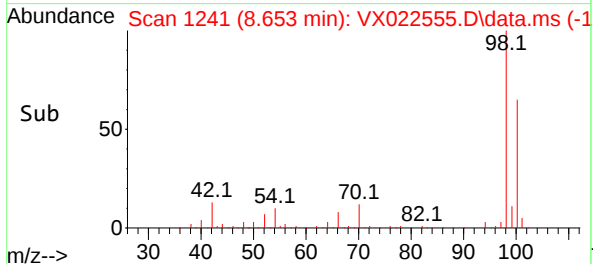
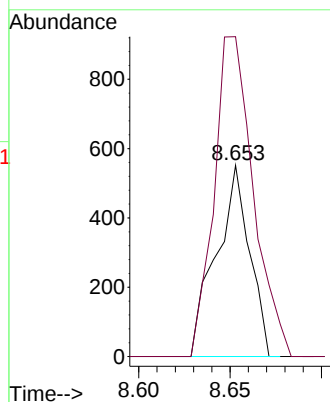
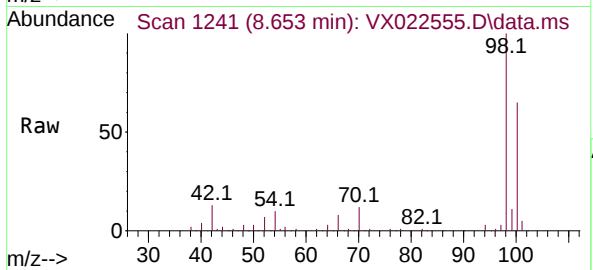




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

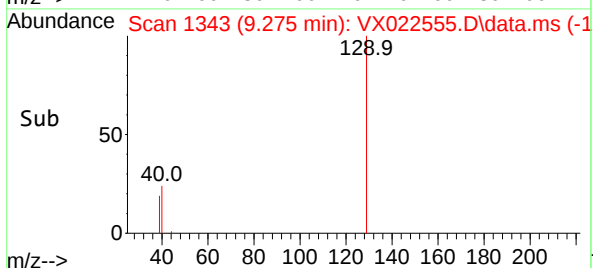
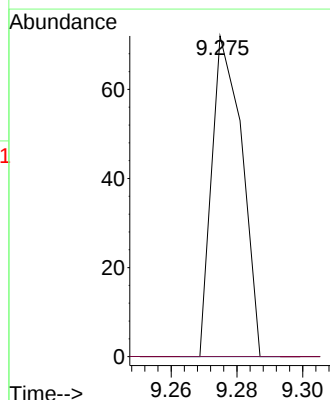
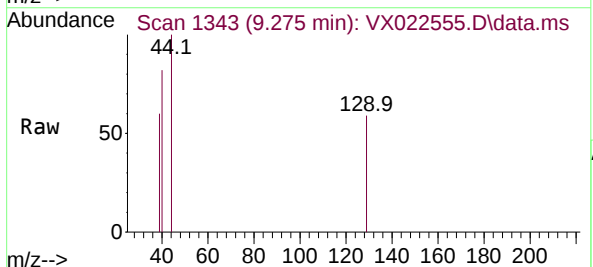
Instrument :
MSVOA_X
ClientSampled :

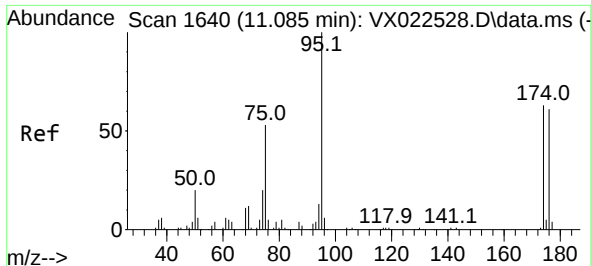
Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 197.1 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.621 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion: 129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

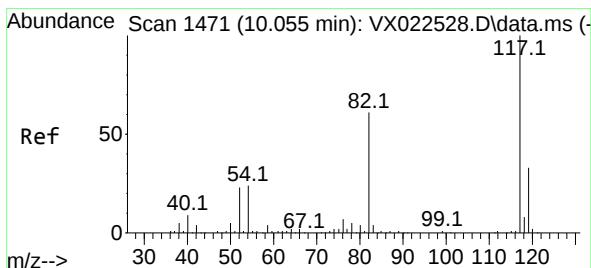
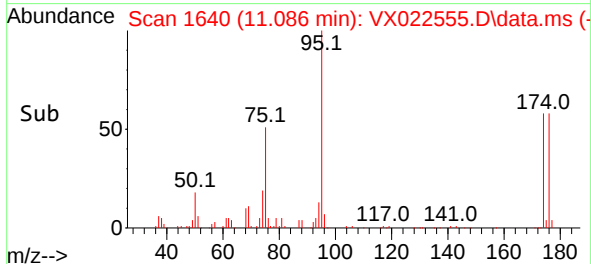
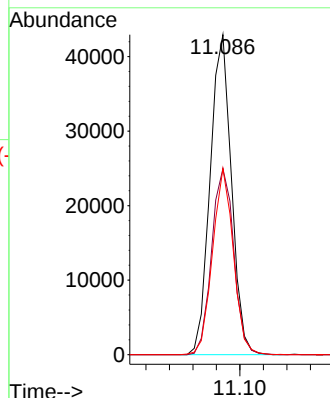
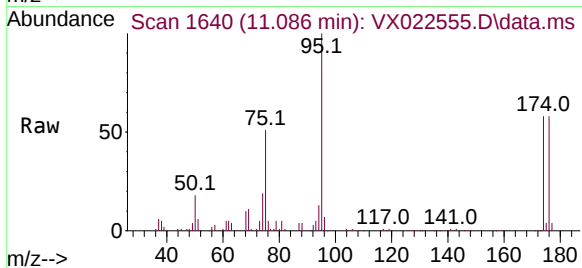




#62
4-Bromofluorobenzene
Concen: 48.121 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

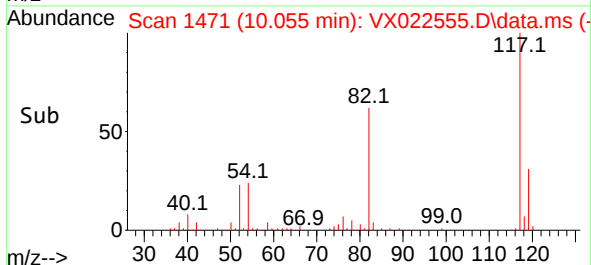
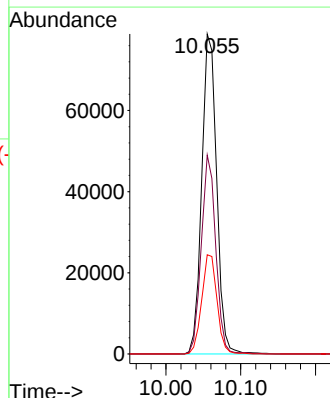
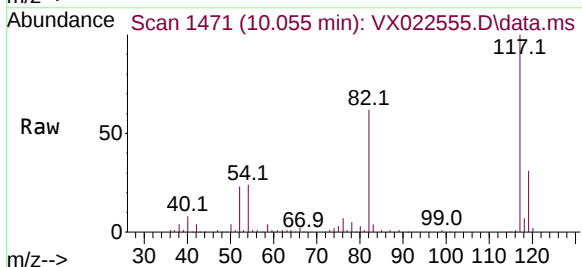
Instrument :
MSVOA_X
ClientSampleId :

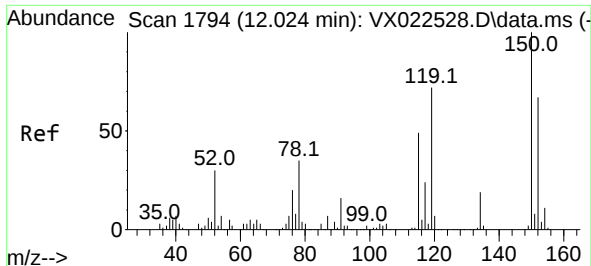
Tgt Ion: 95 Resp: 54040
Ion Ratio Lower Upper
95 100
174 60.4 0.0 154.6
176 57.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion: 117 Resp: 109109
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 31.0 26.6 39.8

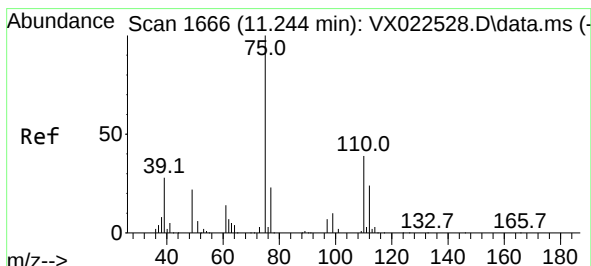
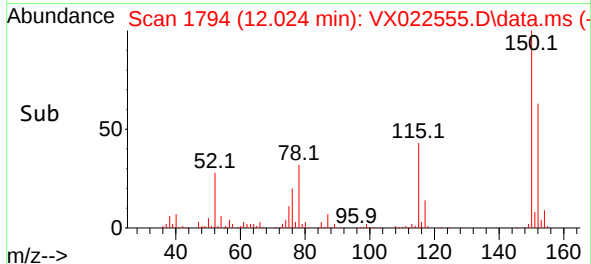
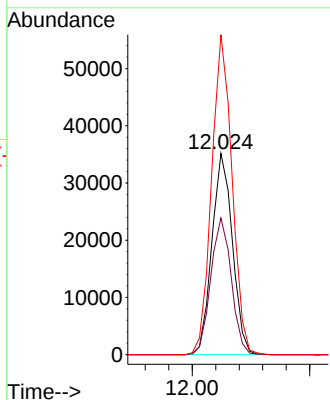
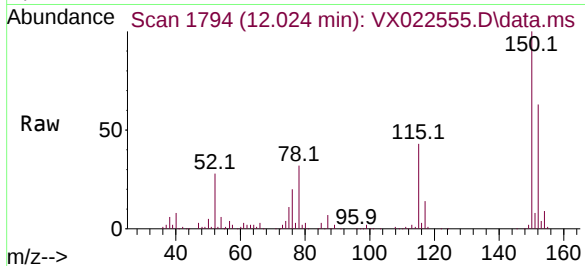




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022555.D
 Acq: 08 Jun 2021 11:46

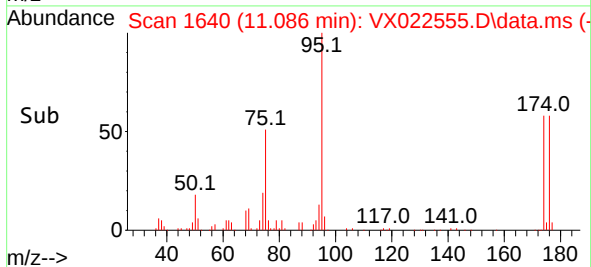
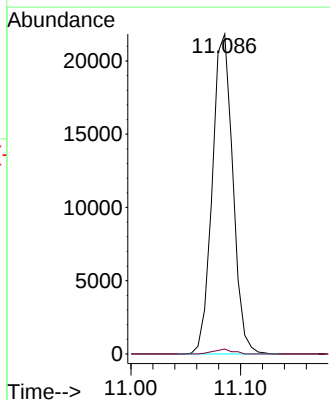
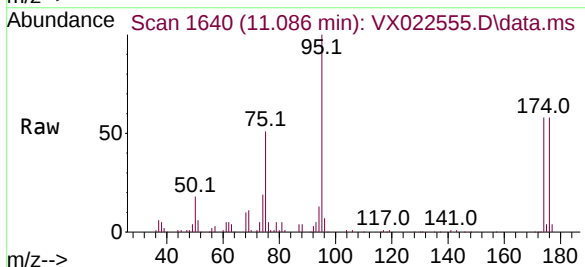
Instrument :
 MSVOA_X
 ClientSampled :

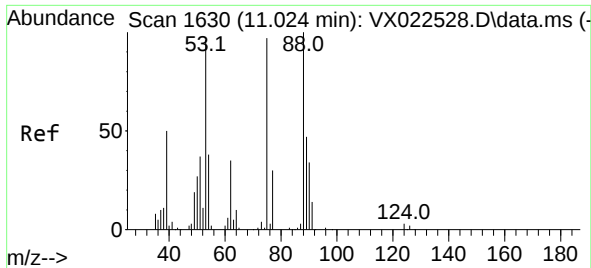
Tgt Ion:152 Resp: 42586
 Ion Ratio Lower Upper
 152 100
 115 68.0 41.1 123.3
 150 158.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.769 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022555.D
 Acq: 08 Jun 2021 11:46

Tgt Ion: 75 Resp: 28429
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

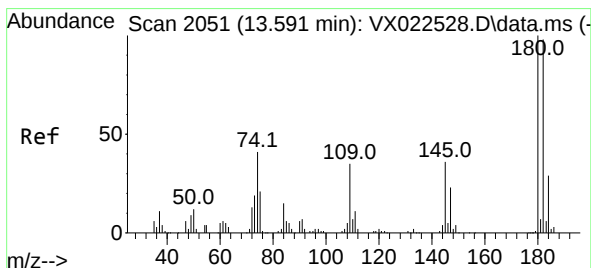
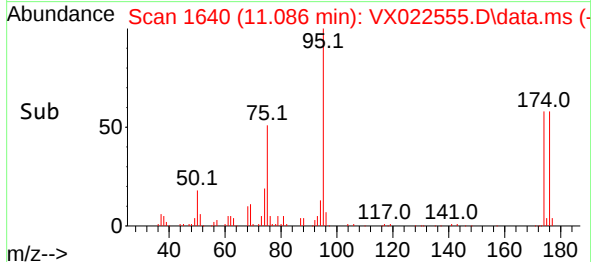
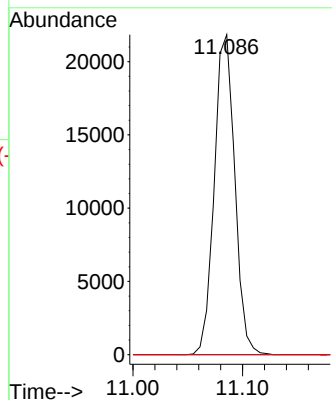
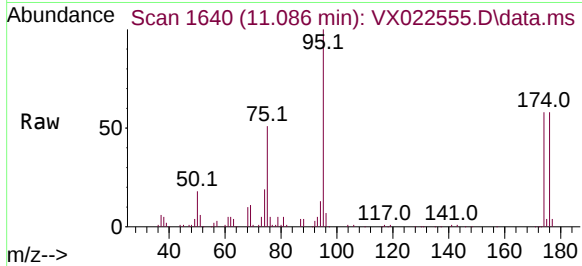




#81
trans-1,4-Dichloro-2-butene
Concen: 63.589 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28429
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022555.D
Acq: 08 Jun 2021 11:46

Tgt Ion:180 Resp: 188
Ion Ratio Lower Upper
180 100
182 25.0 47.7 143.1#
145 0.0 15.0 45.0#

