

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028955.D
 Acq On : 25 May 2022 17:01
 Operator : JC/MD
 Sample : N3034-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-1

Quant Time: May 26 05:45:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

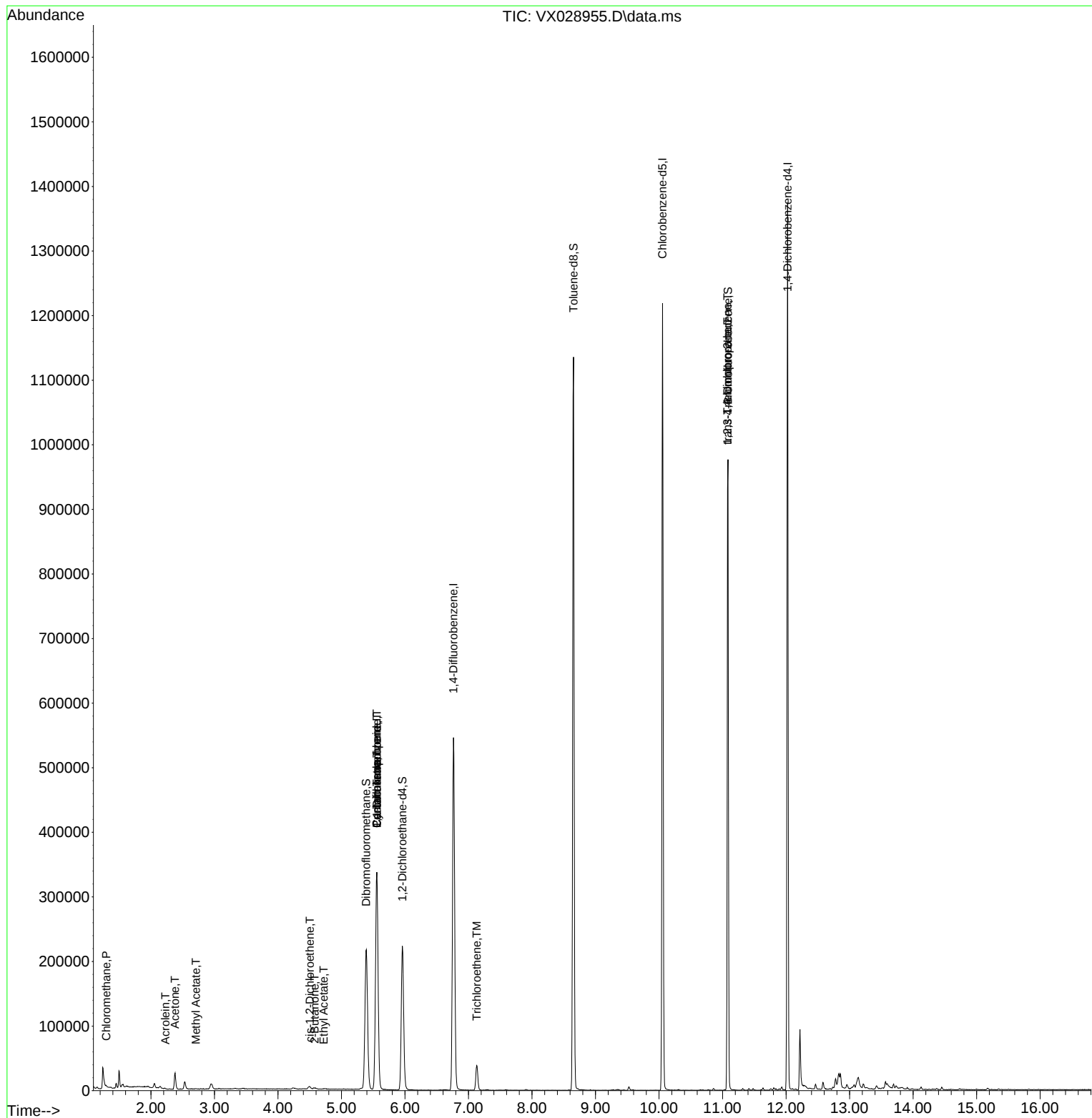
Internal Standards						
1) Pentafluorobenzene	5.556	168	314591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	565187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220838	51.211	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.420%	
35) Dibromofluoromethane	5.385	113	192671	52.031	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.060%	
50) Toluene-d8	8.653	98	679272	48.655	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	11.085	95	272065	52.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	929	0.239	ug/l	99
5) Bromomethane	1.611	94	880	Below Cal	#	78
6) Chloroethane	1.691	64	396	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	6743	Below Cal	#	88
13) Acrolein	2.227	56	374	0.528	ug/l	# 82
16) Acetone	2.379	43	26198	14.155	ug/l	96
18) Methyl Acetate	2.709	43	1217	0.263	ug/l	# 78
25) 2-Butanone	4.574	43	2390	0.823	ug/l	# 86
27) cis-1,2-Dichloroethene	4.501	96	2535	0.592	ug/l	80
31) Cyclohexane	5.556	56	6139	1.026	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	24374	4.382	ug/l	# 46
37) Ethyl Acetate	4.720	43	1795	0.309	ug/l	# 78
38) Carbon Tetrachloride	5.556	117	33595	6.002	ug/l	# 15
44) Trichloroethene	7.129	130	15473	3.569	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	137328	21.659	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	137328	63.483	ug/l	# 15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028955.D
Acq On : 25 May 2022 17:01
Operator : JC/MD
Sample : N3034-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-1

Quant Time: May 26 05:45:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

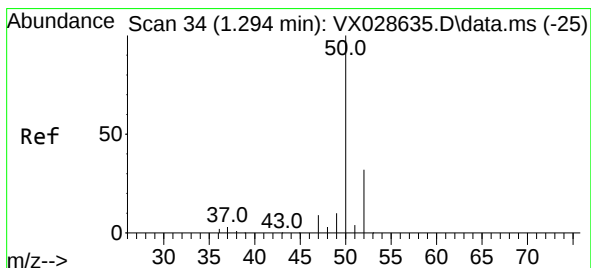
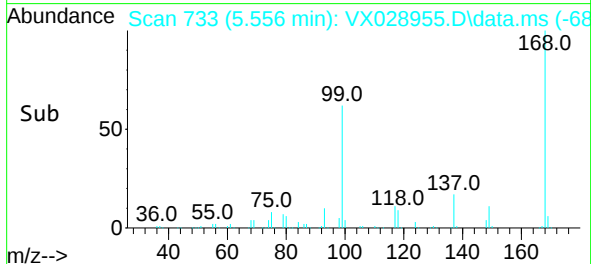
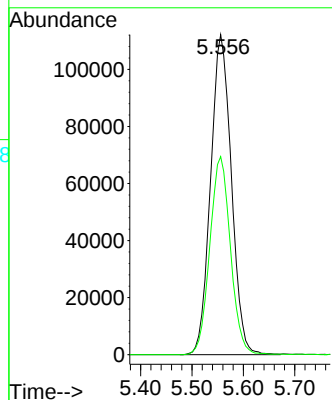
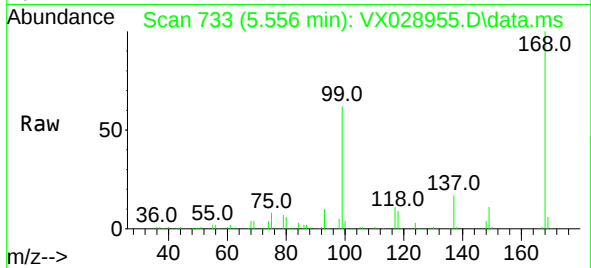




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

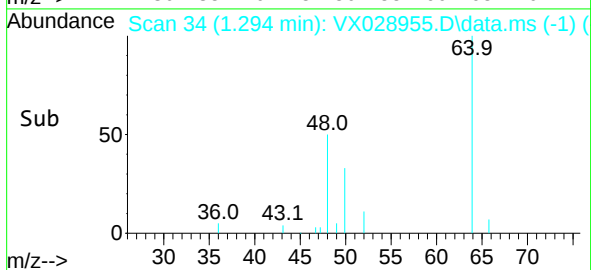
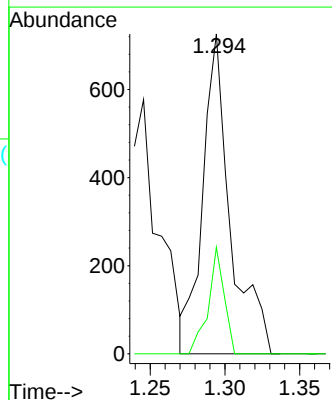
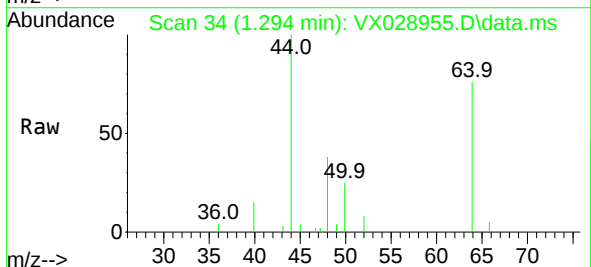
Instrument :
MSVOA_X
ClientSampleId :
FD-1

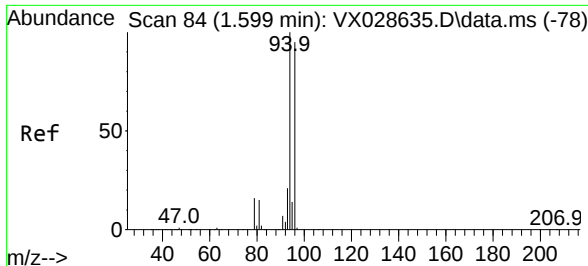
Tgt Ion:168 Resp: 314591
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

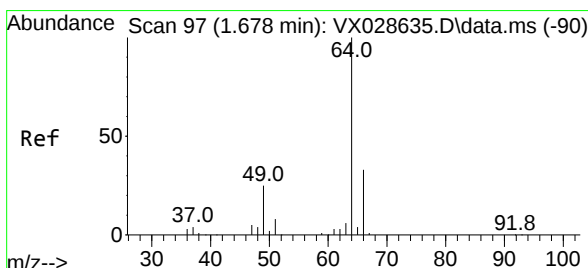
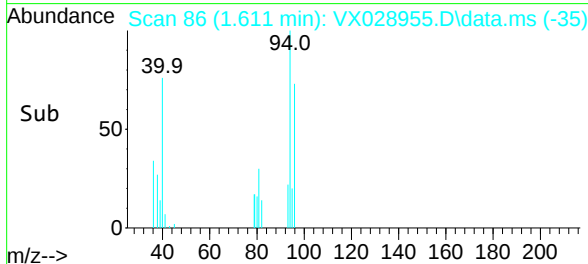
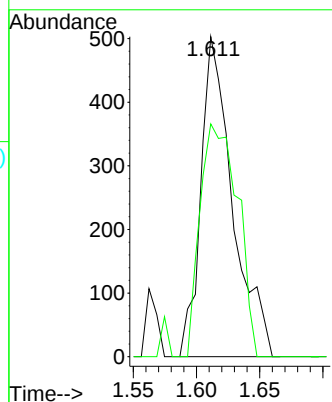
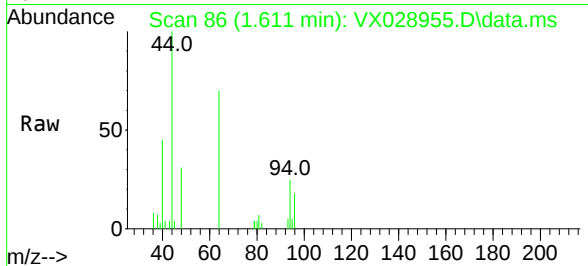




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

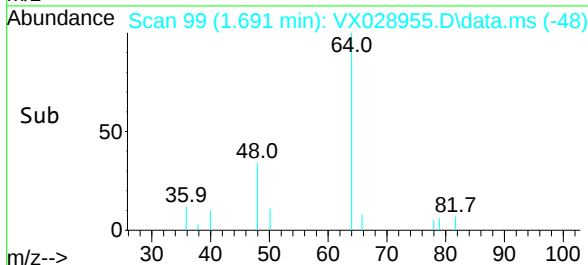
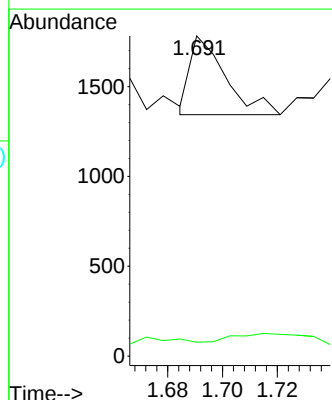
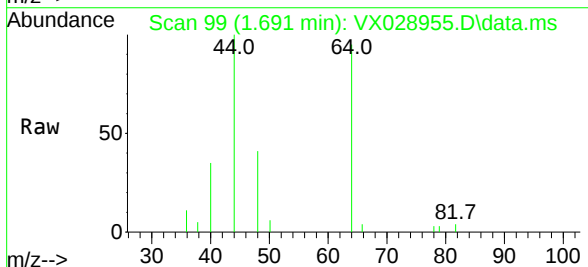
Instrument :
MSVOA_X
ClientSampleId :
FD-1

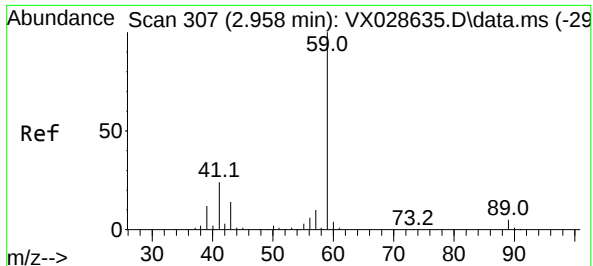
Tgt Ion: 94 Resp: 880
Ion Ratio Lower Upper
94 100
96 72.8 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX028955.D

Acq: 25 May 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

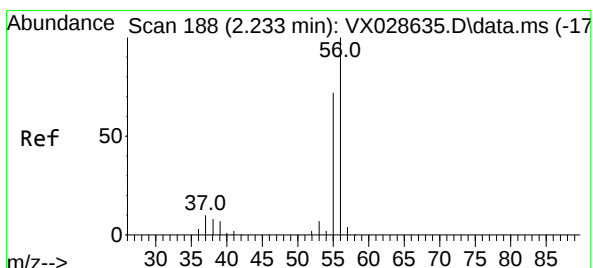
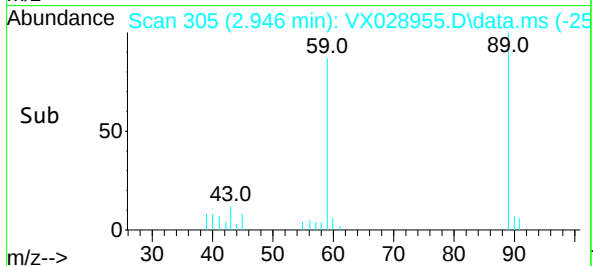
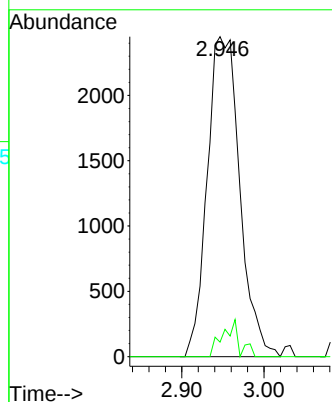
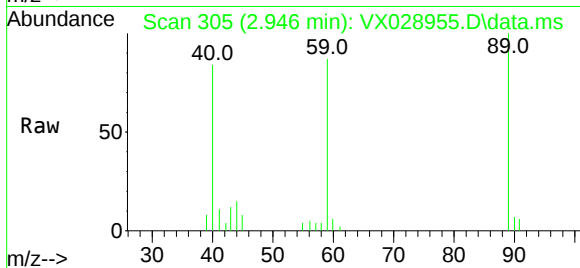
FD-1

Tgt Ion: 59 Resp: 6743

Ion Ratio Lower Upper

59 100

57 5.9 8.3 12.5#



#13

Acrolein

Concen: 0.528 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX028955.D

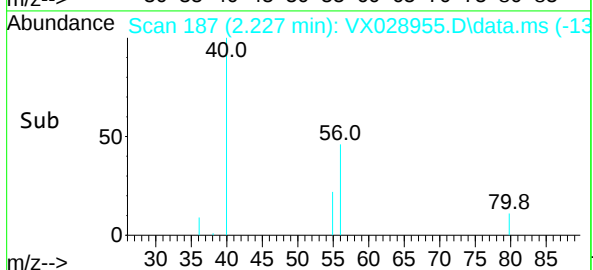
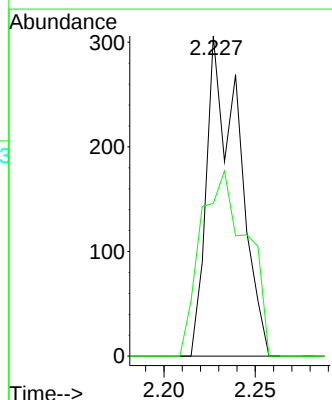
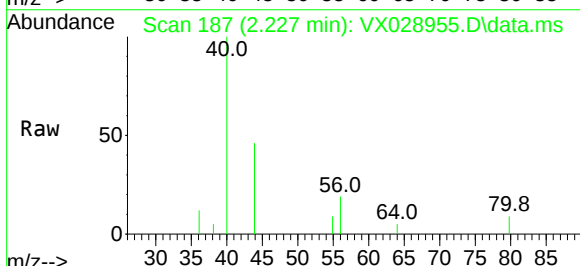
Acq: 25 May 2022 17:01

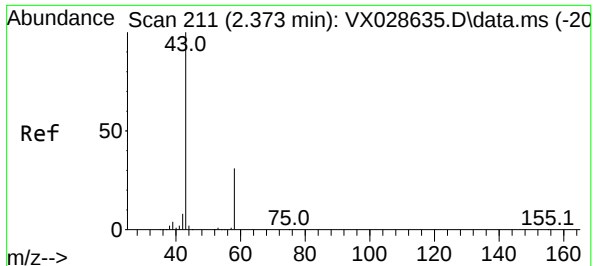
Tgt Ion: 56 Resp: 374

Ion Ratio Lower Upper

56 100

55 83.7 55.0 82.6#

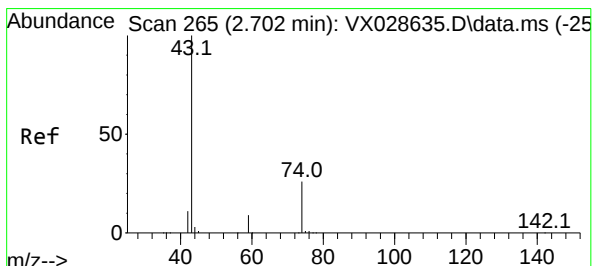
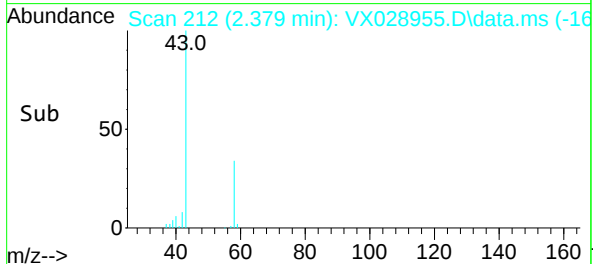
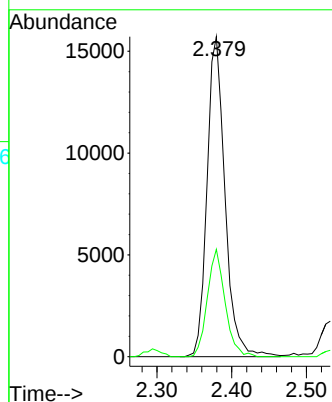
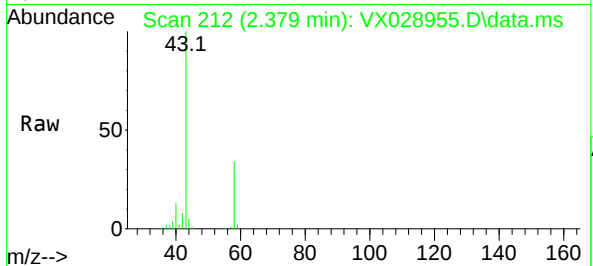




#16
Acetone
Concen: 14.155 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

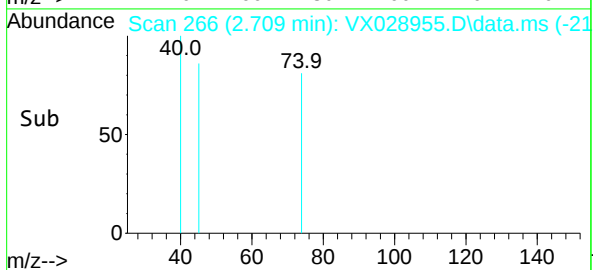
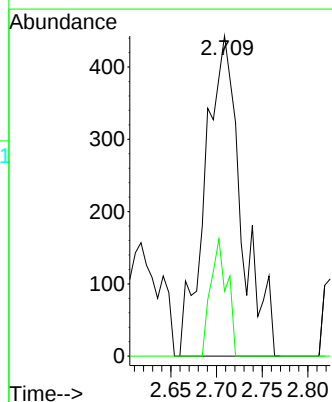
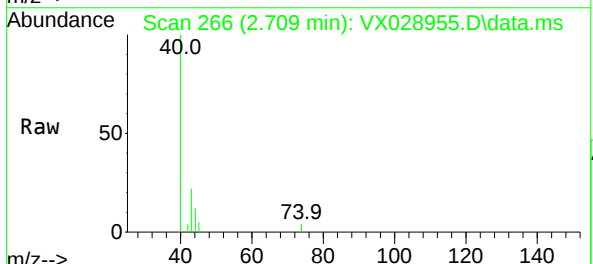
Instrument :
MSVOA_X
ClientSampleId :
FD-1

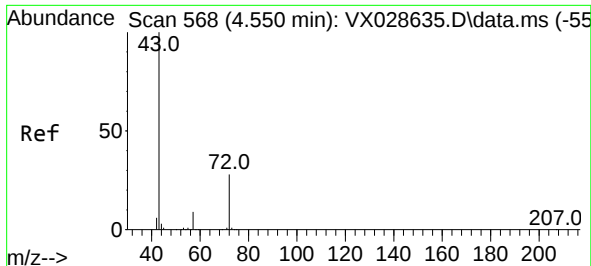
Tgt Ion: 43 Resp: 26198
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
74 16.8 22.8 34.2#

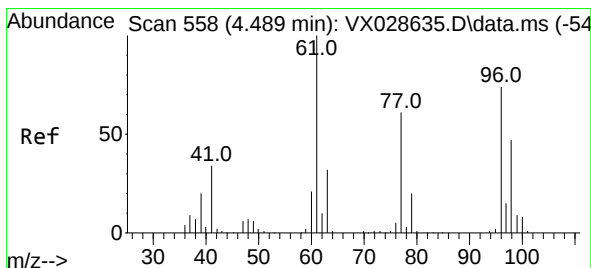
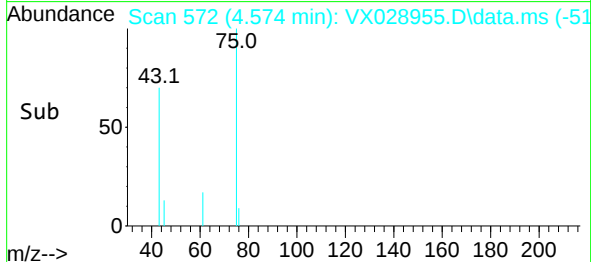
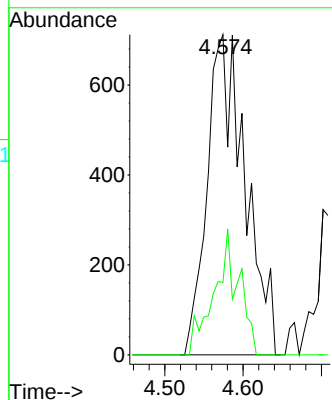
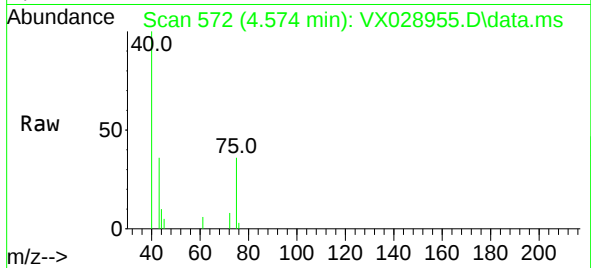




#25
2-Butanone
Concen: 0.823 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

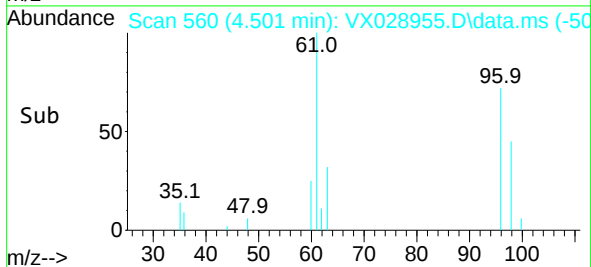
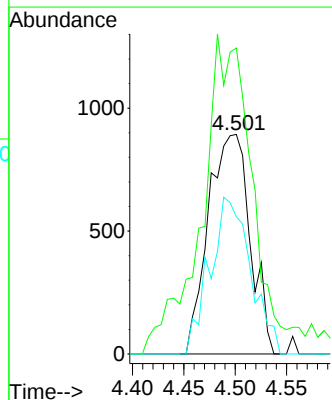
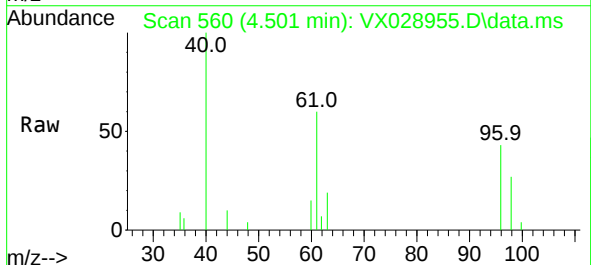
Instrument :
MSVOA_X
ClientSampleId :
FD-1

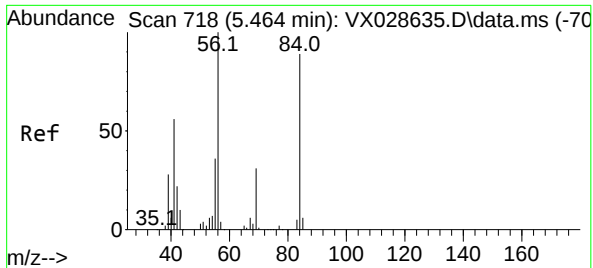
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
72 22.6 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 0.592 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

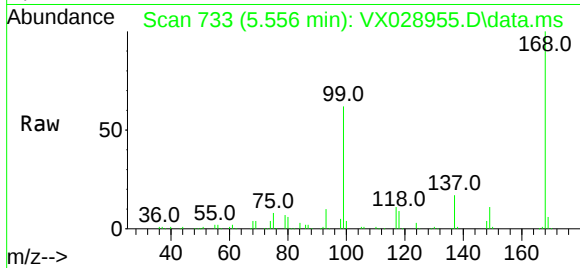
Tgt Ion: 96 Resp: 2535
Ion Ratio Lower Upper
96 100
61 175.4 0.0 283.8
98 69.1 0.0 129.8



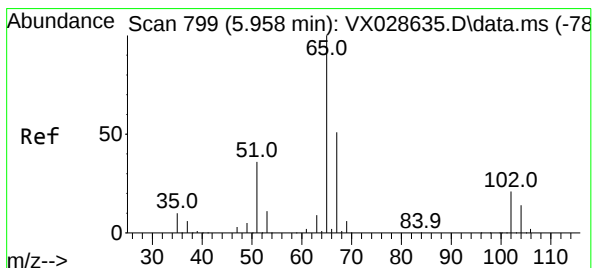
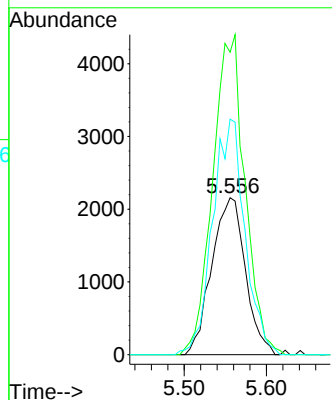
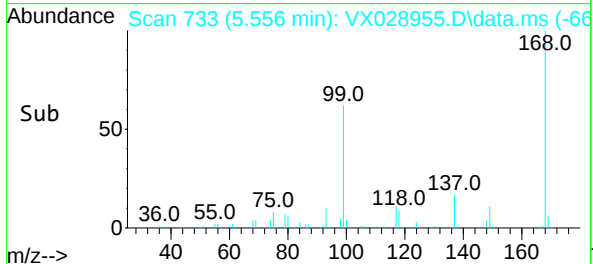


#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
FD-1

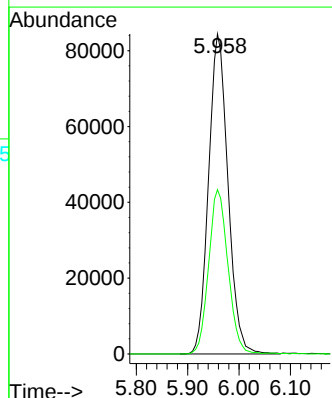
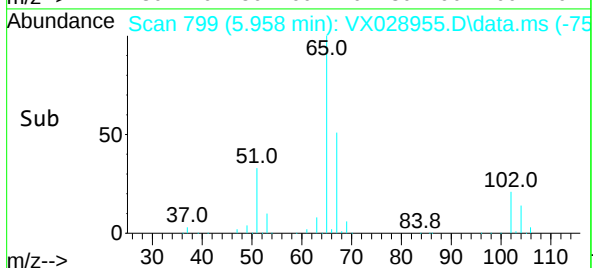
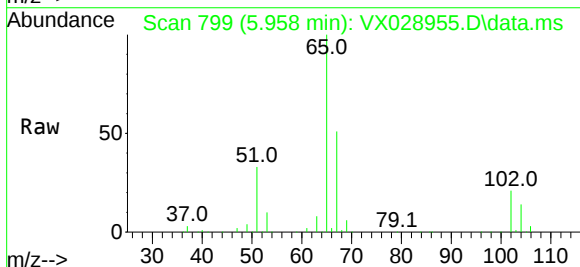


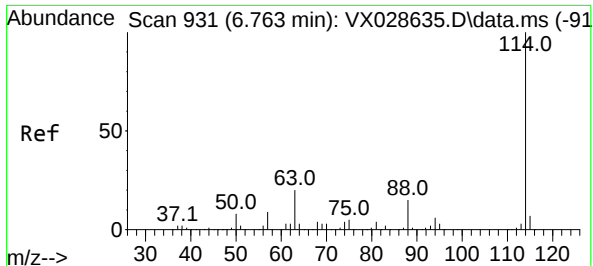
Tgt Ion: 56 Resp: 6139
Ion Ratio Lower Upper
56 100
69 192.6 26.7 40.1#
84 150.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.211 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 65 Resp: 220838
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4

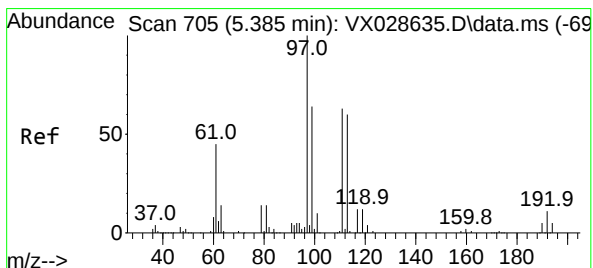
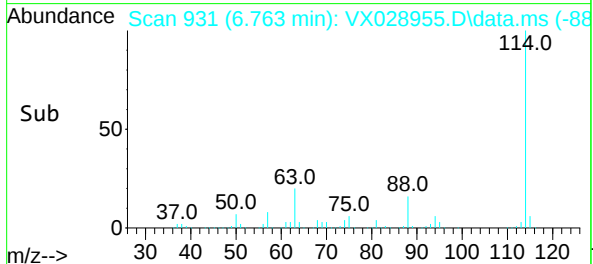
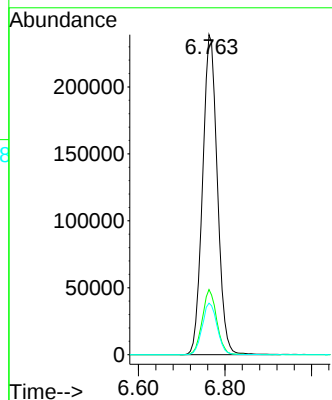
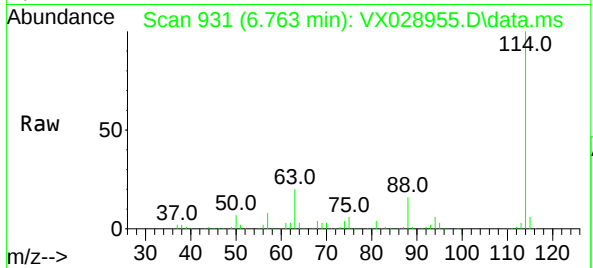




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

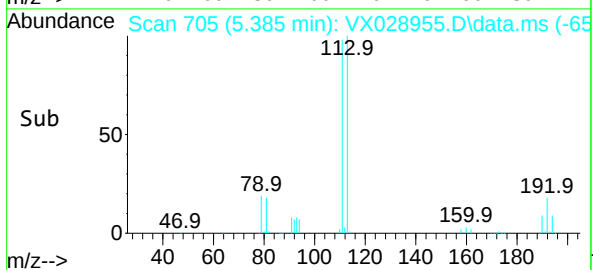
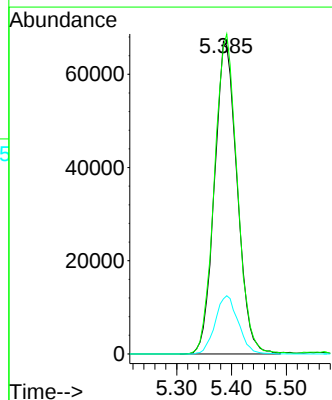
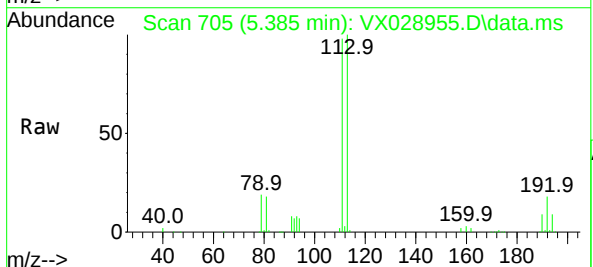
Instrument :
MSVOA_X
ClientSampleId :
FD-1

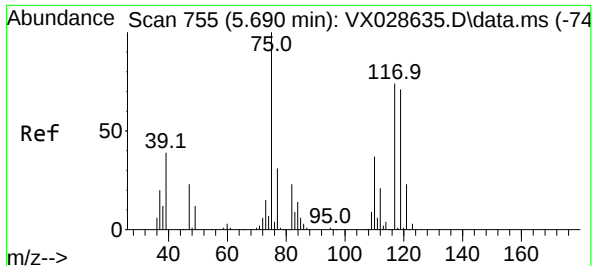
Tgt Ion:114 Resp: 565187
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.031 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion:113 Resp: 192671
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.9 16.9 25.3

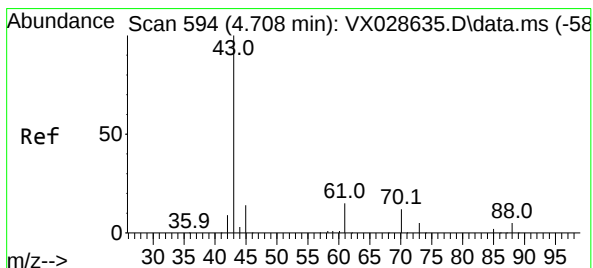
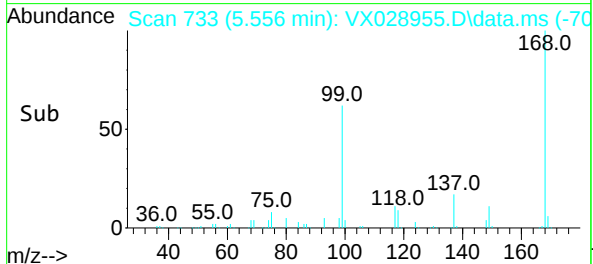
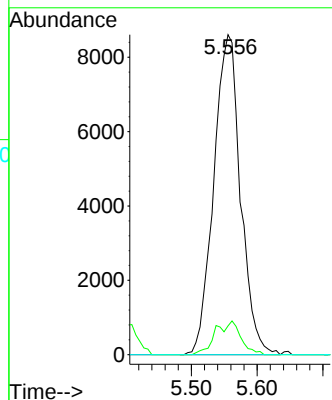
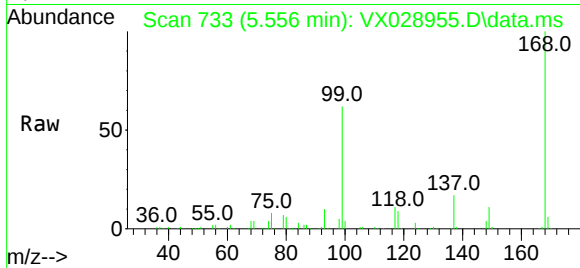




#36
1,1-Dichloropropene
Concen: 4.382 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

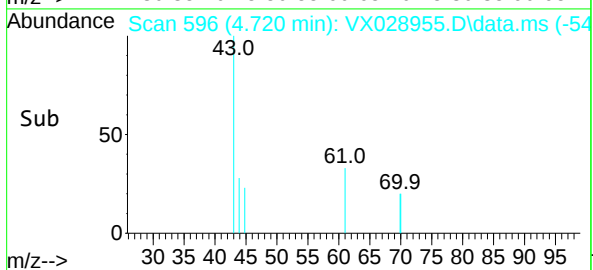
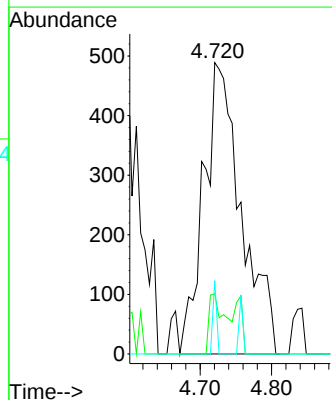
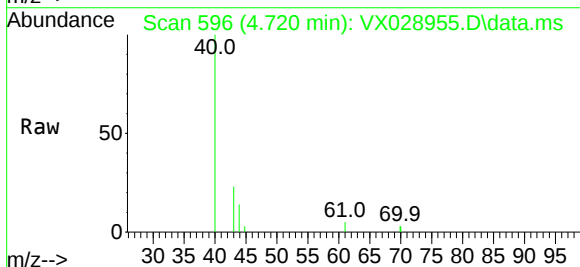
Instrument :
MSVOA_X
ClientSampleId :
FD-1

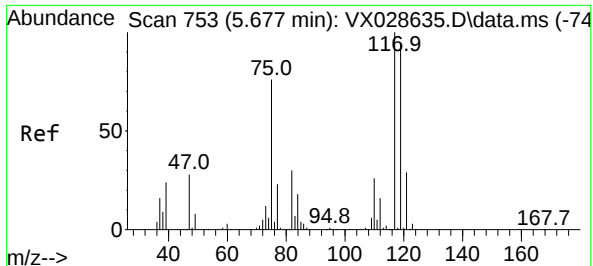
Tgt Ion: 75 Resp: 24374
Ion Ratio Lower Upper
75 100
110 5.6 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.309 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
61 7.9 12.6 19.0#
70 2.5 10.2 15.2#

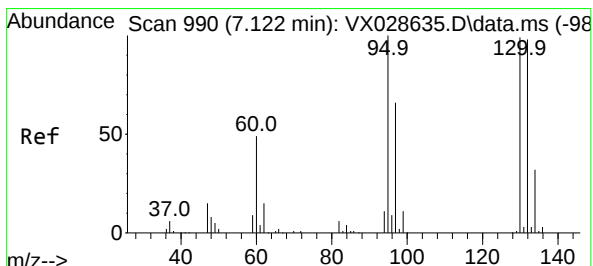
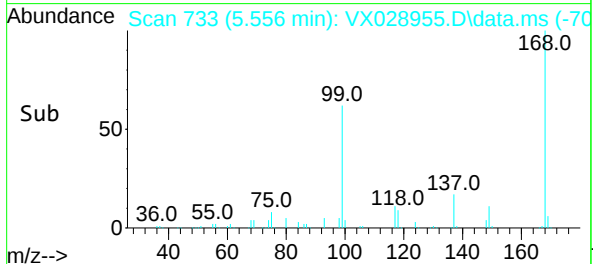
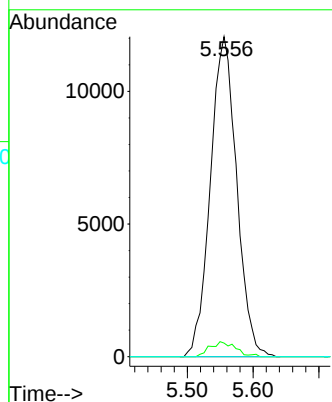
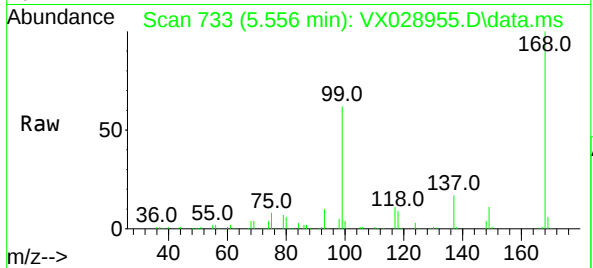




#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

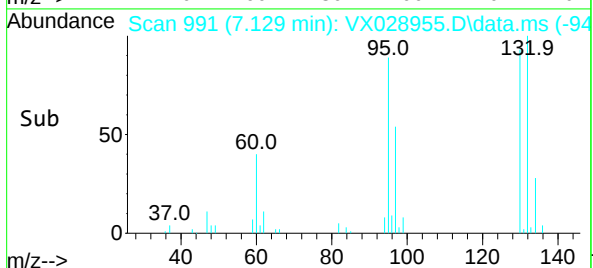
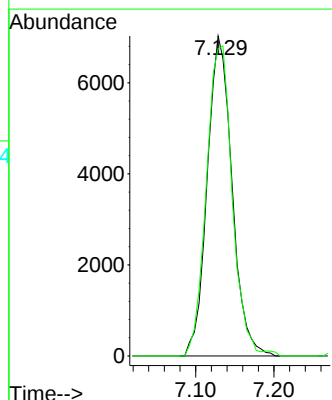
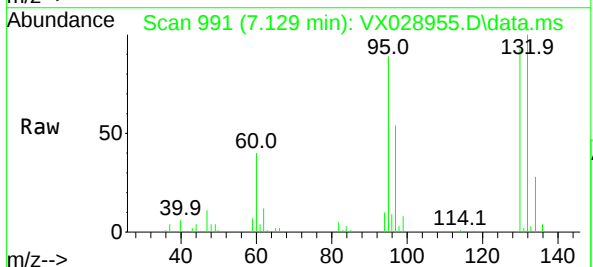
Instrument :
MSVOA_X
ClientSampleId :
FD-1

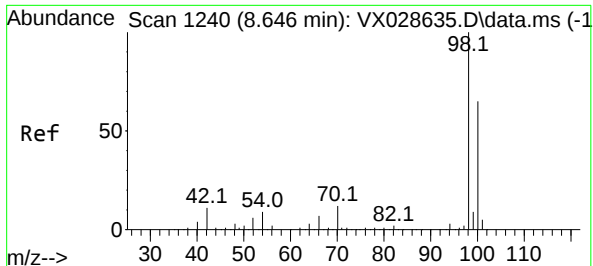
Tgt Ion:117 Resp: 33595
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 3.569 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion:130 Resp: 15473
Ion Ratio Lower Upper
130 100
95 96.1 0.0 188.8

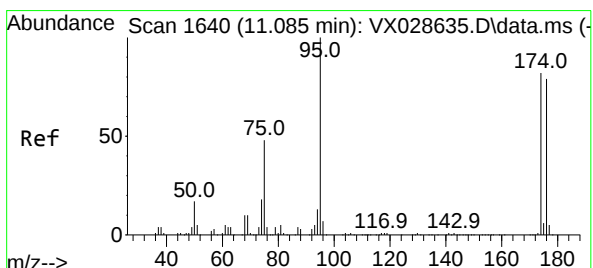
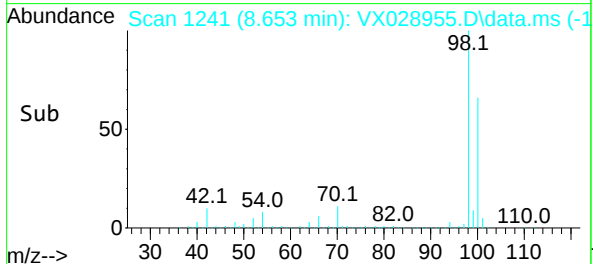
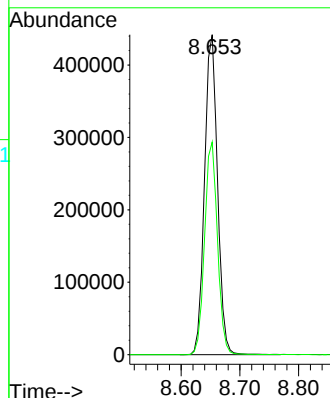
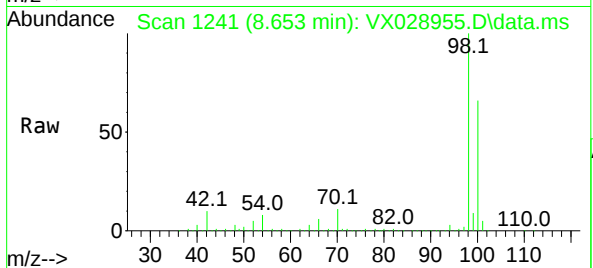




#50
Toluene-d8
Concen: 48.655 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

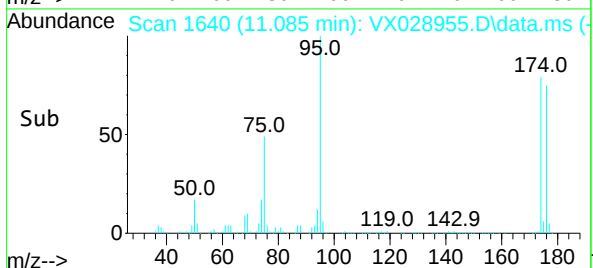
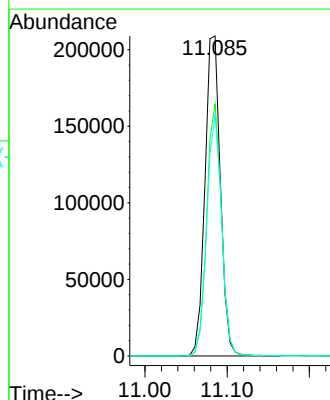
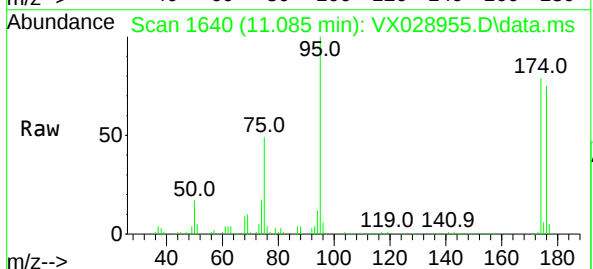
Instrument :
MSVOA_X
ClientSampleId :
FD-1

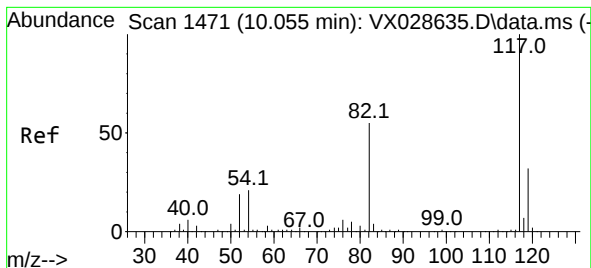
Tgt Ion: 98 Resp: 679272
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.174 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 95 Resp: 272065
Ion Ratio Lower Upper
95 100
174 75.7 0.0 163.0
176 72.7 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: VX028955.D

Acq: 25 May 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

FD-1

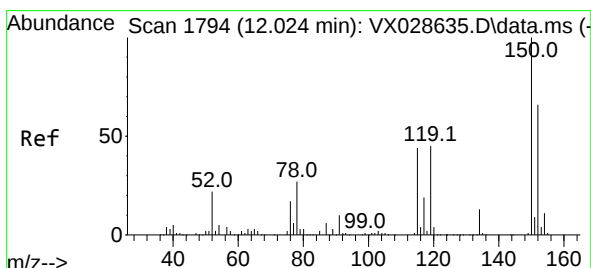
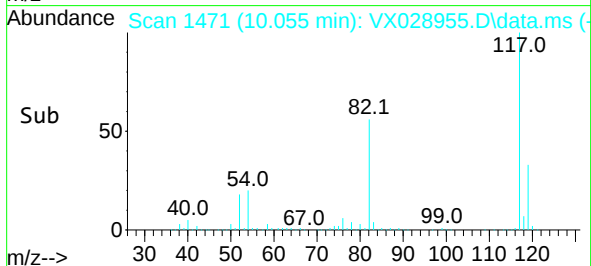
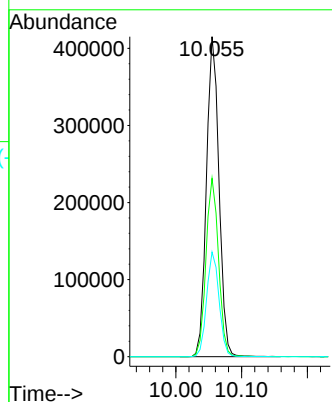
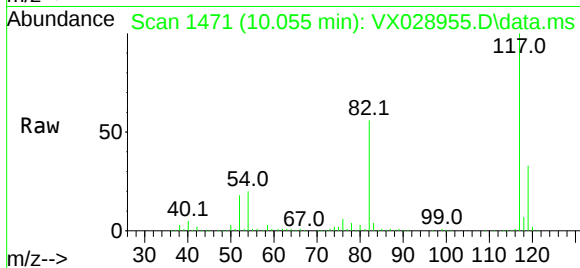
Tgt Ion:117 Resp: 551197

Ion Ratio Lower Upper

117 100

82 55.8 41.8 62.8

119 32.7 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028955.D

Acq: 25 May 2022 17:01

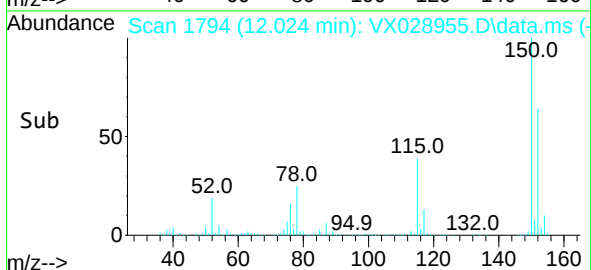
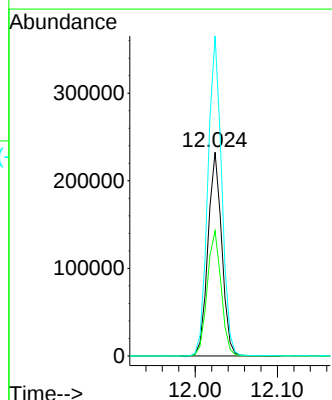
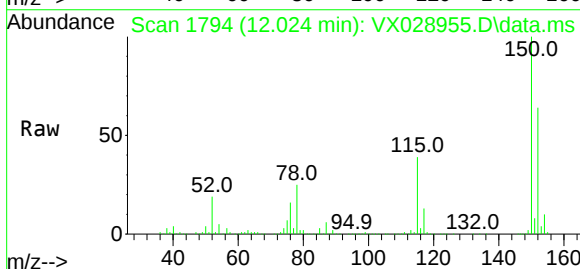
Tgt Ion:152 Resp: 270739

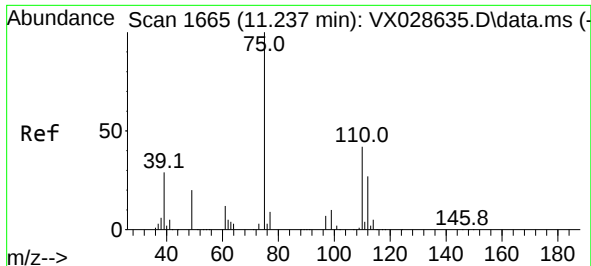
Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 157.0 0.0 338.2

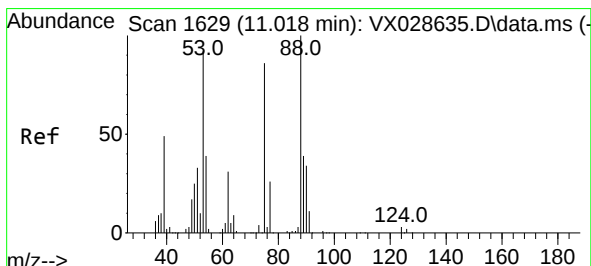
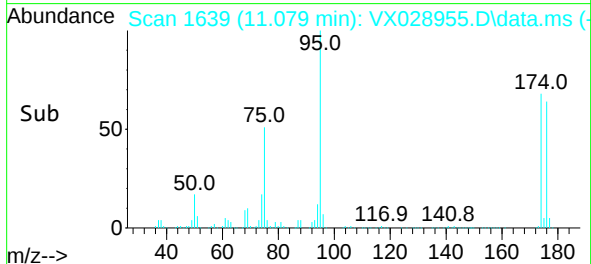
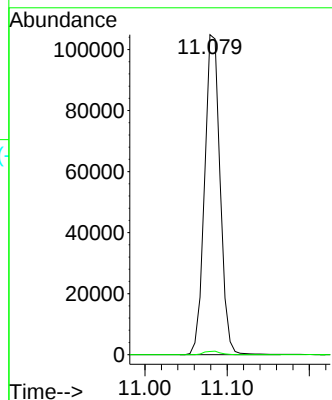
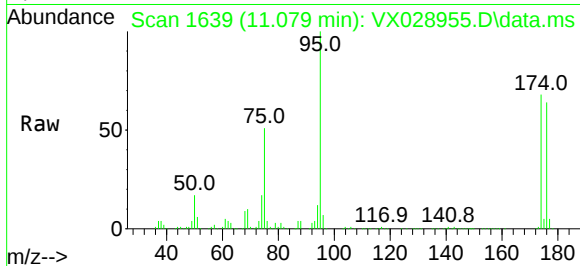




#76
1,2,3-Trichloropropane
Concen: 21.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
FD-1

Tgt Ion: 75 Resp: 137328
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028955.D
Acq: 25 May 2022 17:01

Tgt Ion: 75 Resp: 137328
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

