

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035518.D
 Acq On : 03 May 2023 18:30
 Operator : JC/MD
 Sample : 02597-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20230503

Quant Time: May 04 04:01:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

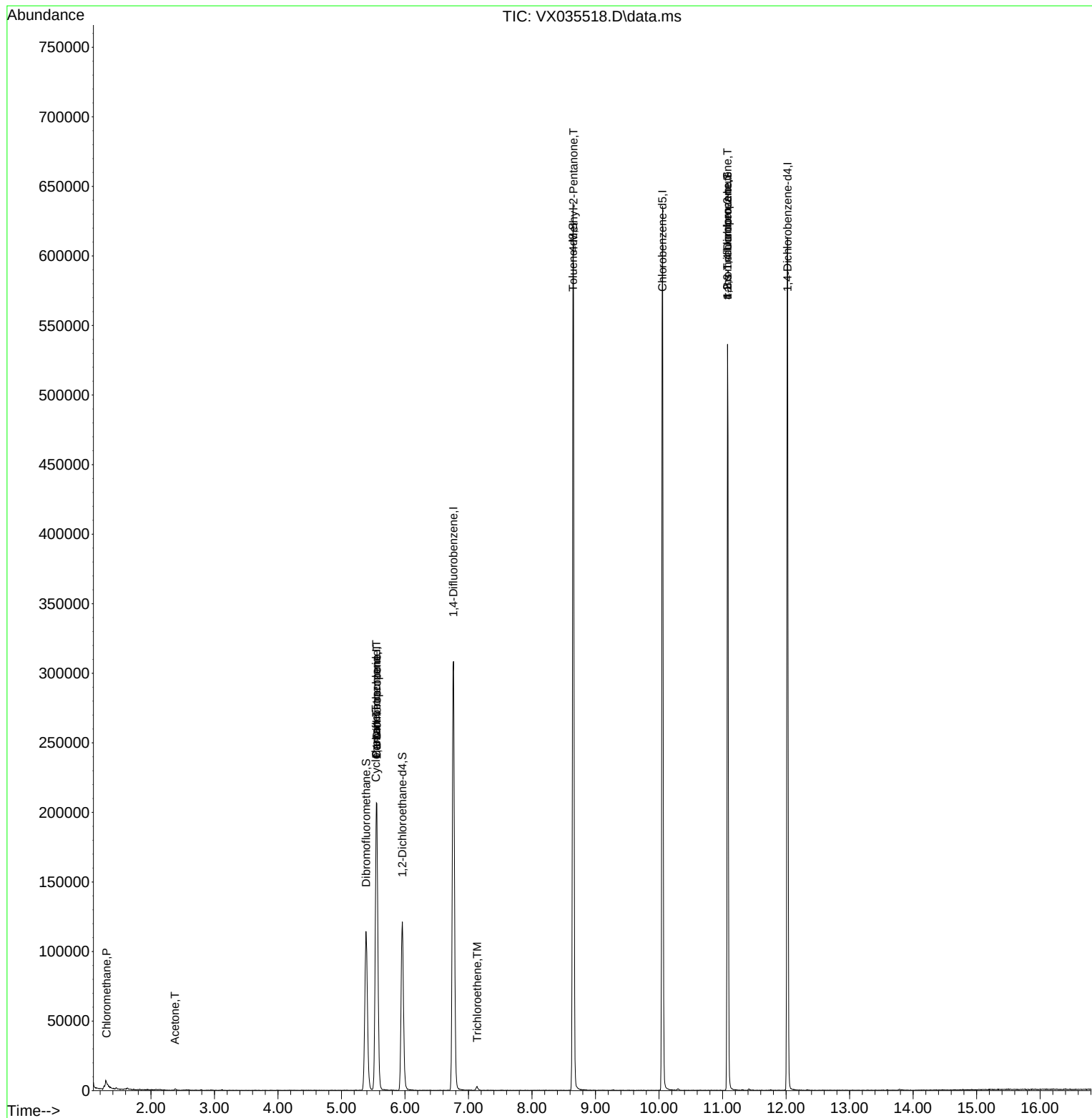
Internal Standards						
1) Pentafluorobenzene	5.550	168	204699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	326817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121119	49.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.080%
35) Dibromofluoromethane	5.385	113	100562	50.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.647	98	376608	49.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.540%
62) 4-Bromofluorobenzene	11.079	95	144615	50.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	425	0.216	ug/l #	42
16) Acetone	2.380	43	1165	1.086	ug/l #	88
31) Cyclohexane	5.544	56	3630	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14787	4.721	ug/l #	51
38) Carbon Tetrachloride	5.550	117	19657	6.611	ug/l #	15
44) Trichloroethene	7.135	130	1226	0.495	ug/l	87
51) 4-Methyl-2-Pentanone	8.653	43	1264	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71611	25.854	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	71611	83.736	ug/l #	8

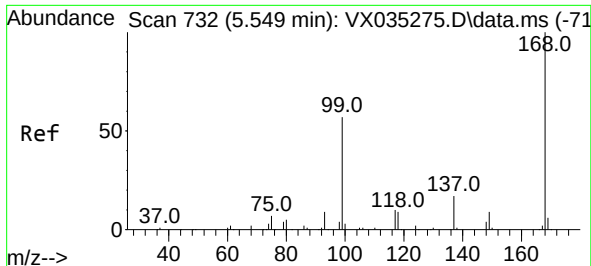
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
Data File : VX035518.D
Acq On : 03 May 2023 18:30
Operator : JC/MD
Sample : 02597-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

Quant Time: May 04 04:01:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

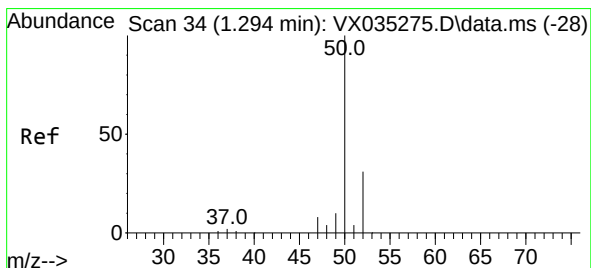
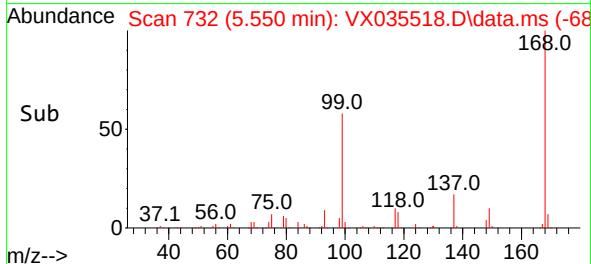
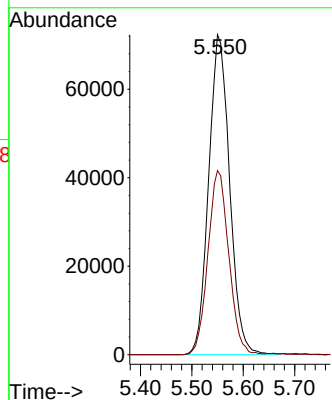
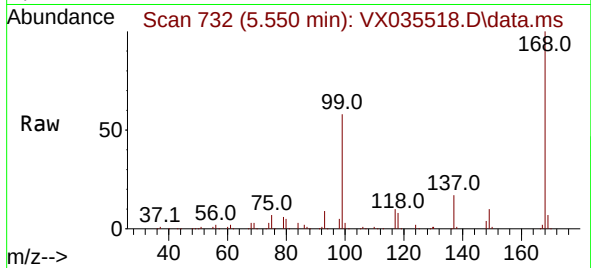




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

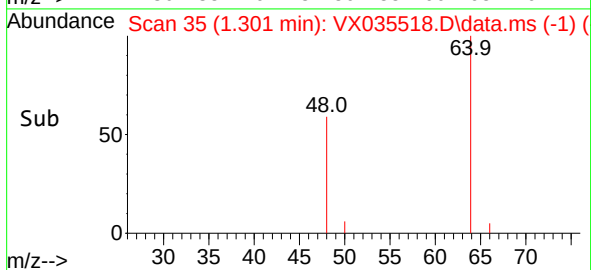
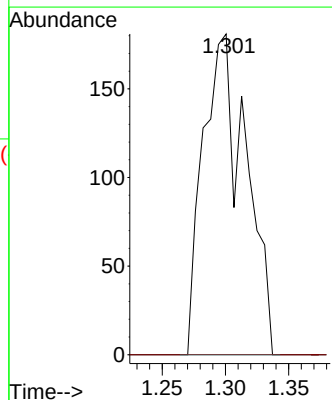
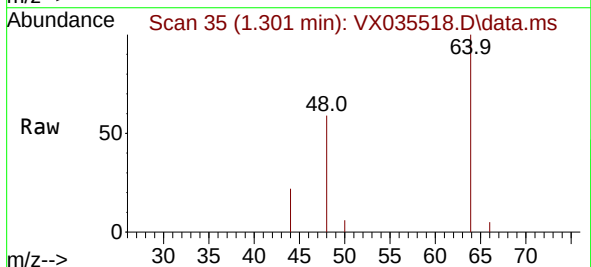
Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

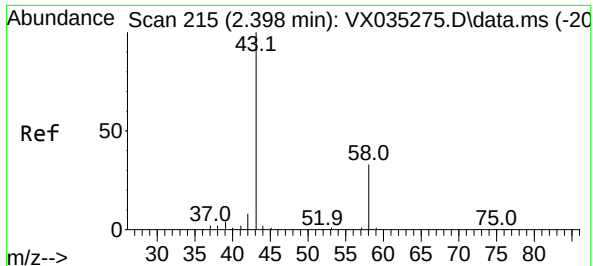
Tgt Ion:168 Resp: 204699
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

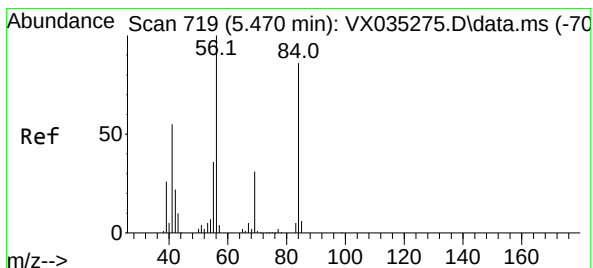
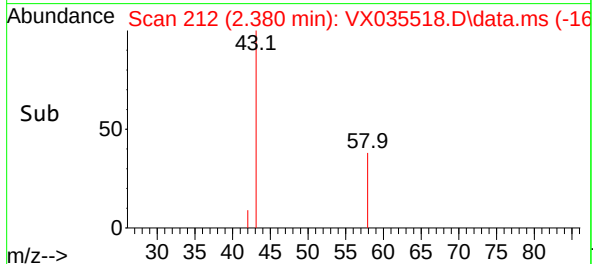
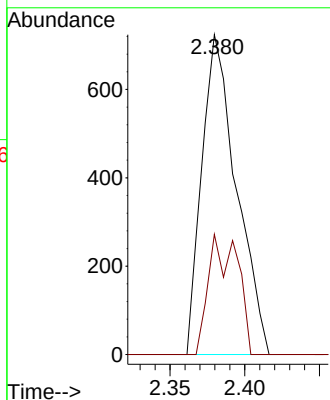
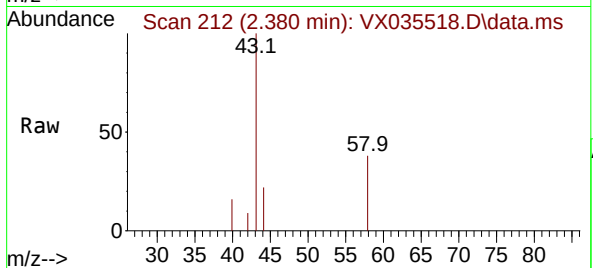




#16
Acetone
Concen: 1.086 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

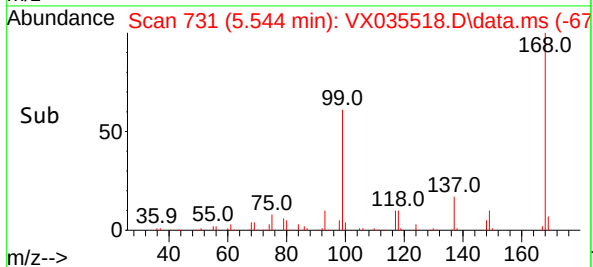
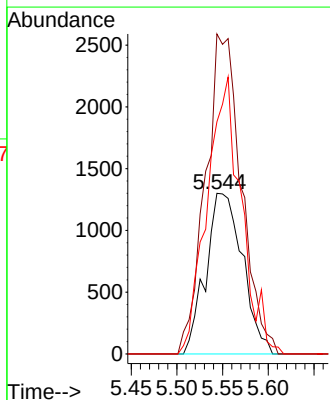
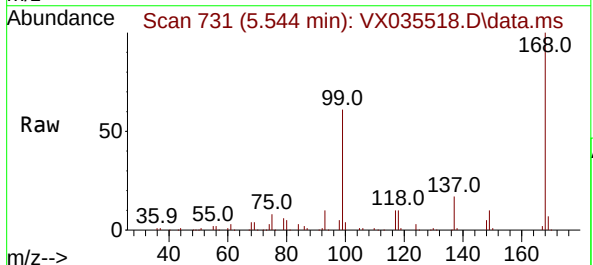
Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

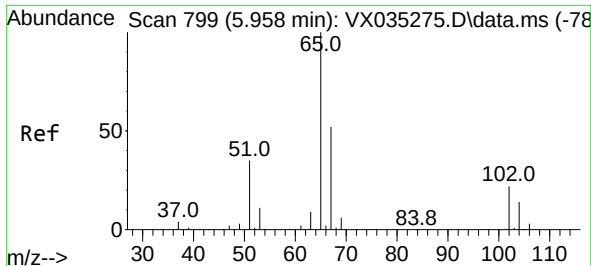
Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 37.6 24.7 37.1#



#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

Tgt Ion: 56 Resp: 3630
Ion Ratio Lower Upper
56 100
69 199.2 23.7 35.5#
84 144.5 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035518.D

Acq: 03 May 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

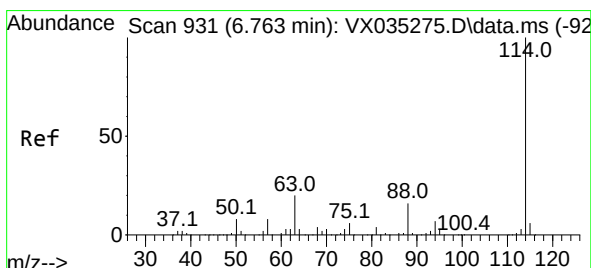
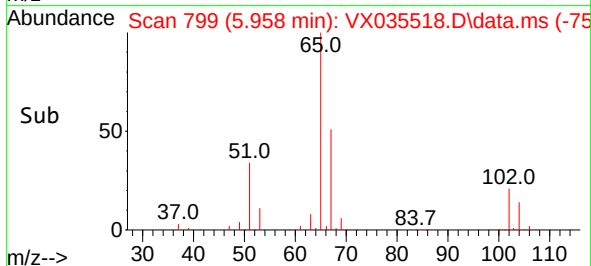
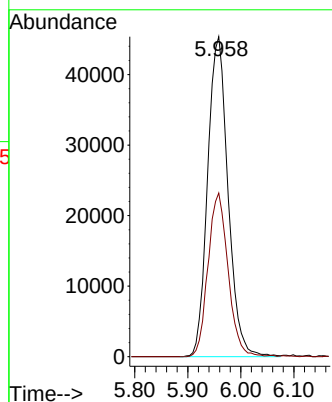
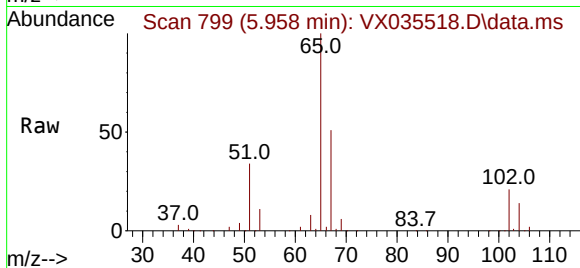
MW-4-20230503

Tgt Ion: 65 Resp: 121119

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035518.D

Acq: 03 May 2023 18:30

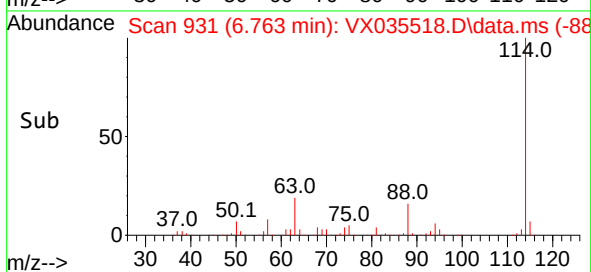
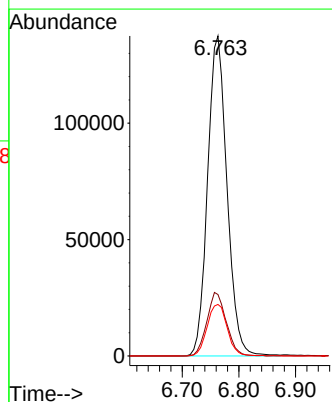
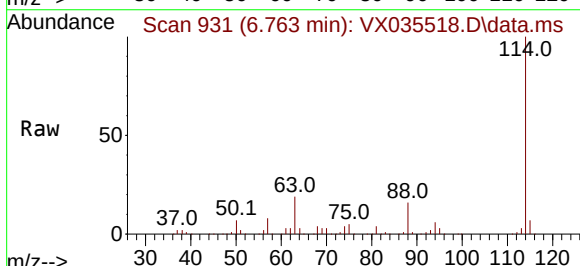
Tgt Ion: 114 Resp: 326817

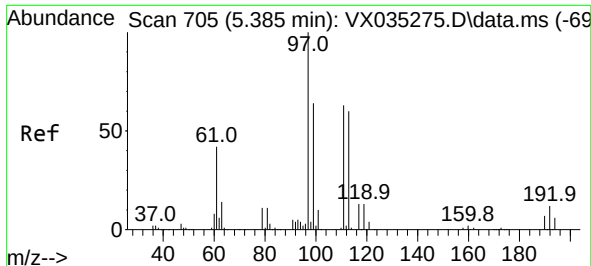
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.2

88 16.1 0.0 33.2

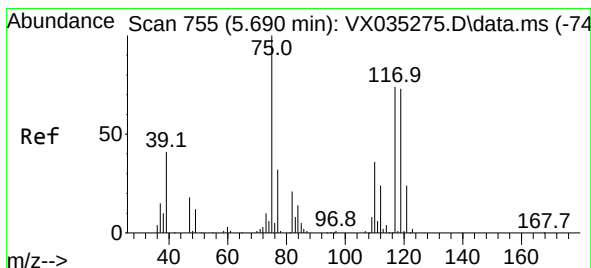
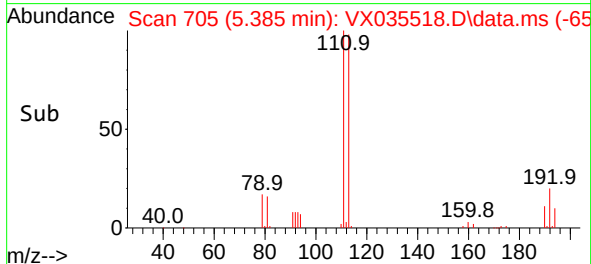
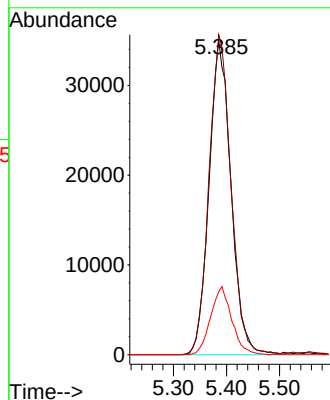
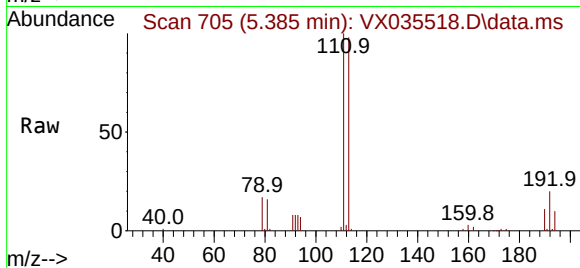




#35
Dibromofluoromethane
Concen: 50.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

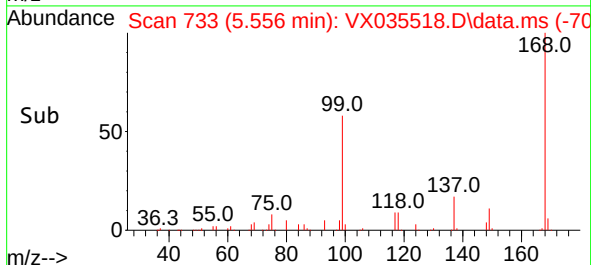
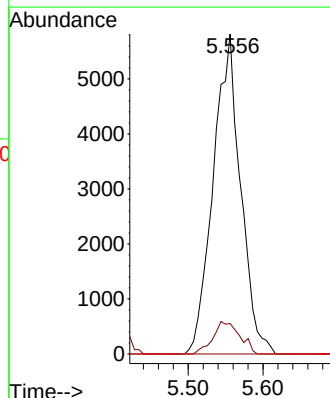
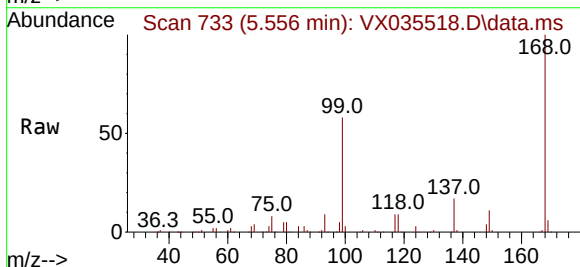
Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

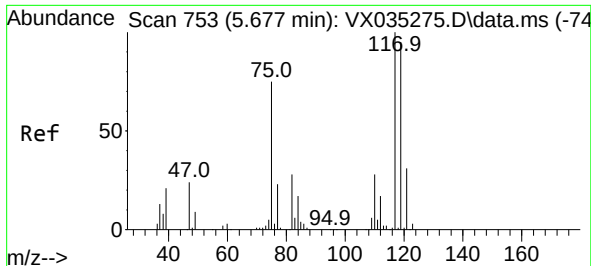
Tgt Ion:113 Resp: 100562
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.721 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

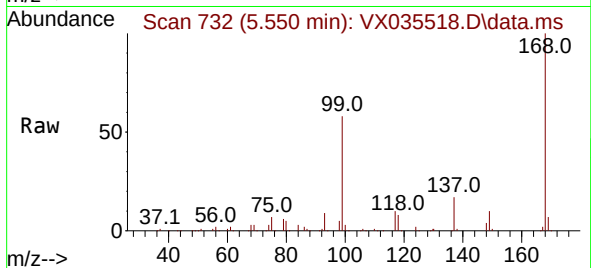
Tgt Ion: 75 Resp: 14787
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



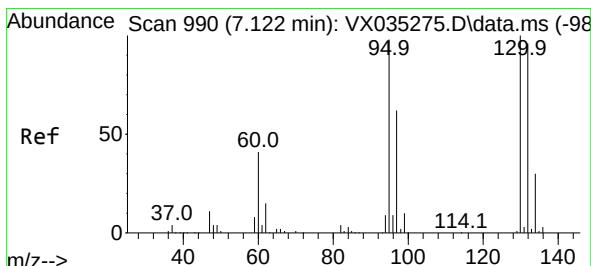
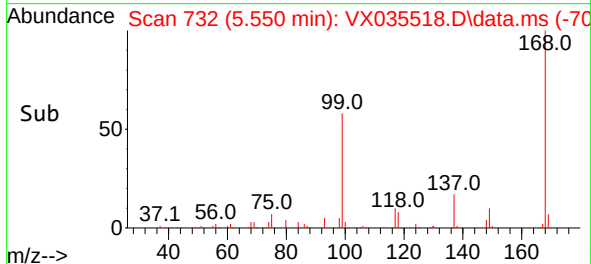
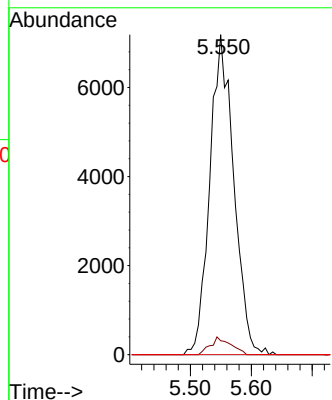


#38
Carbon Tetrachloride
Concen: 6.611 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

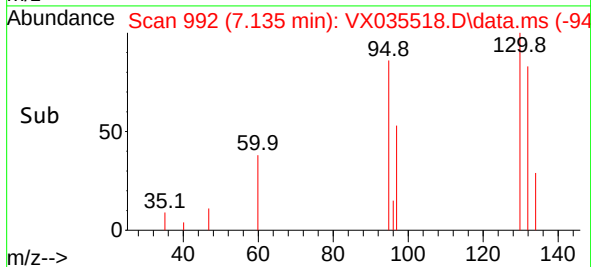
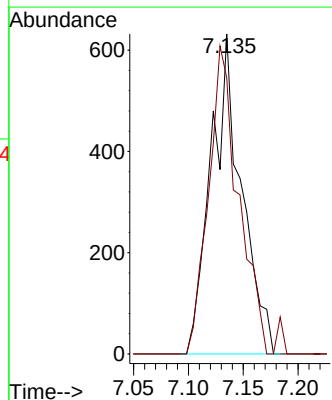
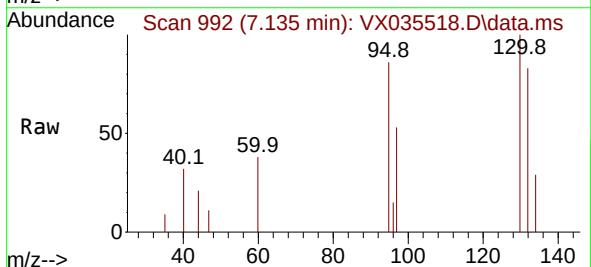


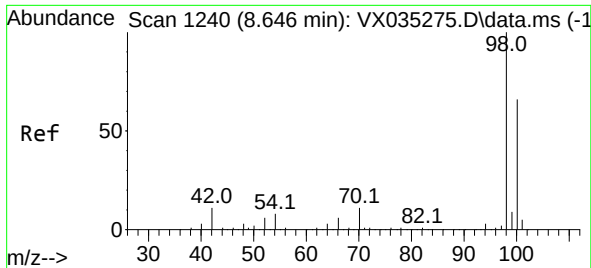
Tgt Ion:117 Resp: 19657
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.495 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.013 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

Tgt Ion:130 Resp: 1226
Ion Ratio Lower Upper
130 100
95 86.2 0.0 198.4

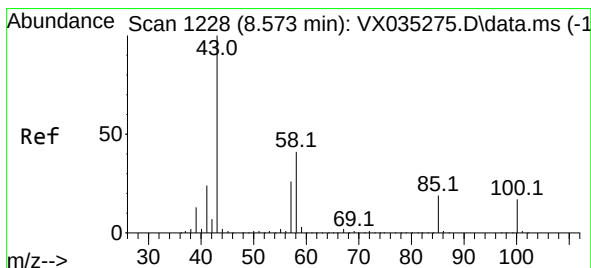
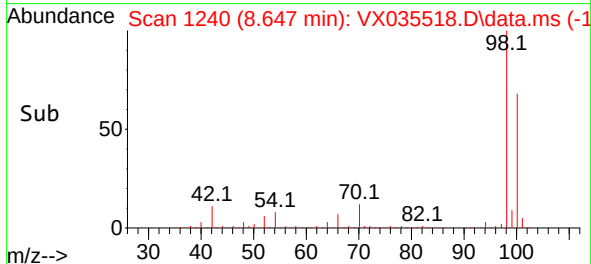
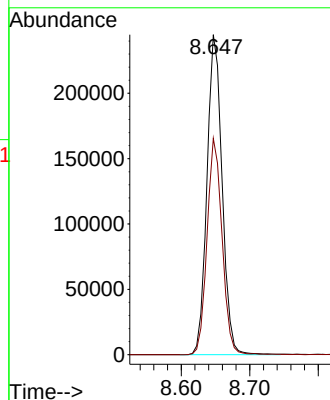
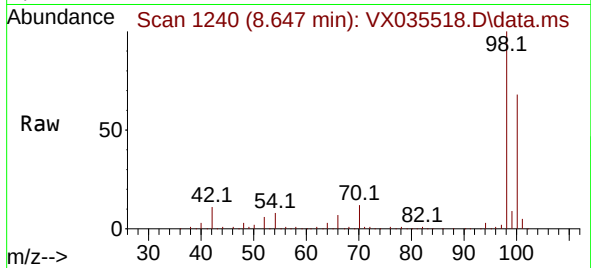




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

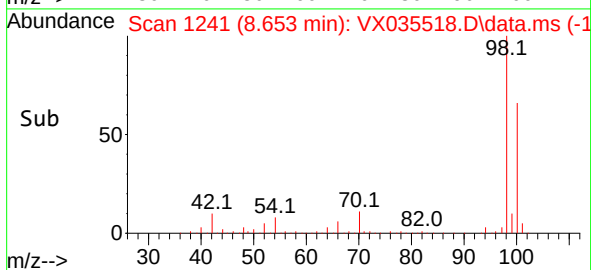
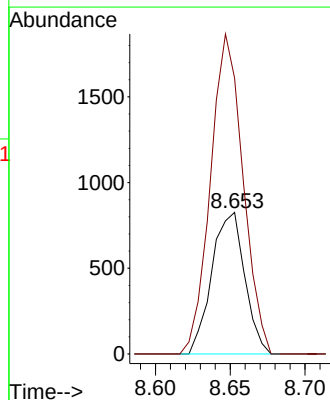
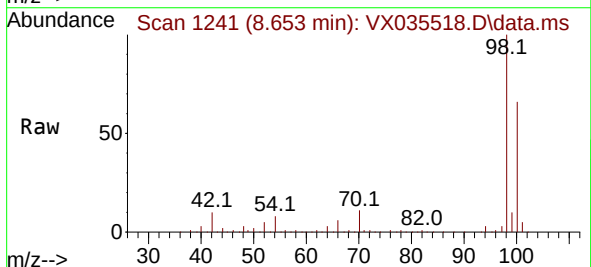
Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

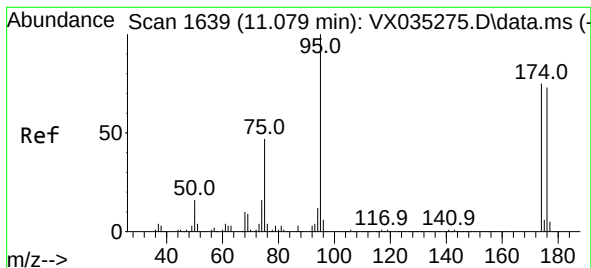
Tgt Ion: 98 Resp: 376608
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 223.5 30.6 46.0#

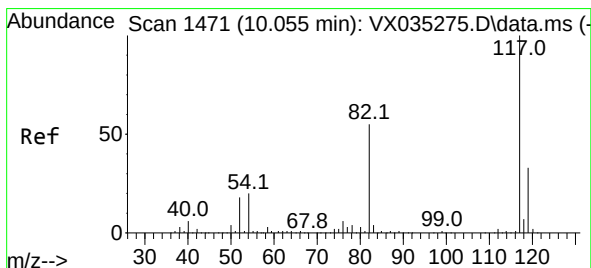
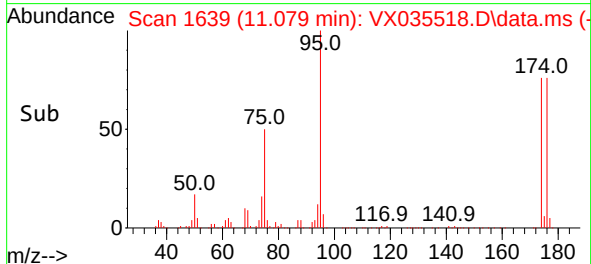
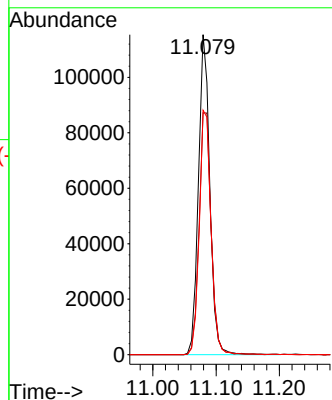
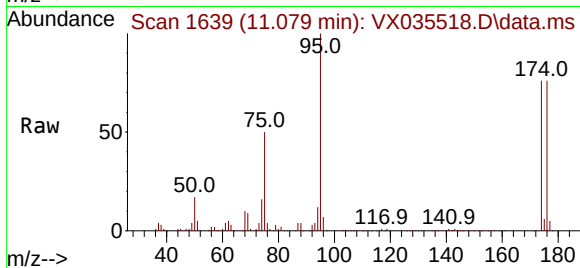




#62
4-Bromofluorobenzene
Concen: 50.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

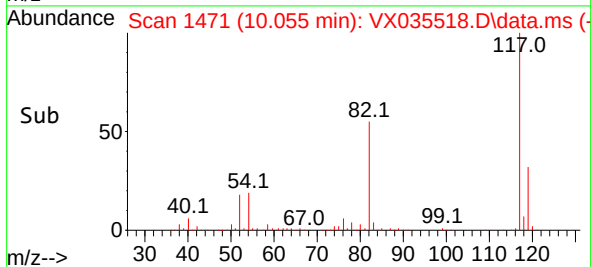
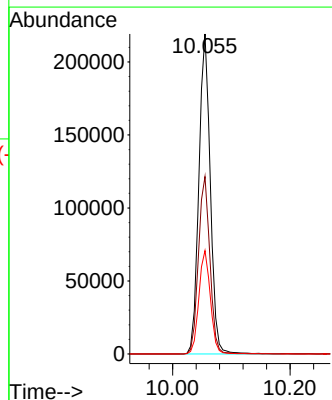
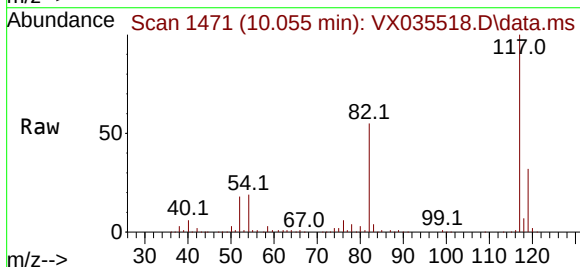
Instrument :
MSVOA_X
ClientSampleId :
MW-4-20230503

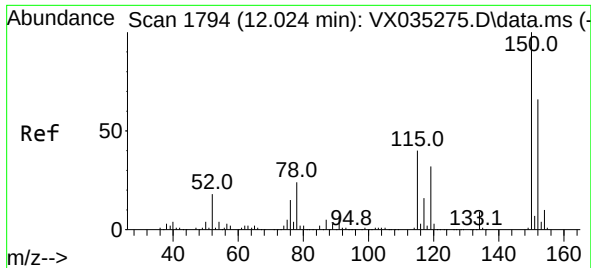
Tgt Ion: 95 Resp: 144615
Ion Ratio Lower Upper
95 100
174 80.4 0.0 147.4
176 78.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035518.D
Acq: 03 May 2023 18:30

Tgt Ion: 117 Resp: 295824
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.3 26.0 39.0

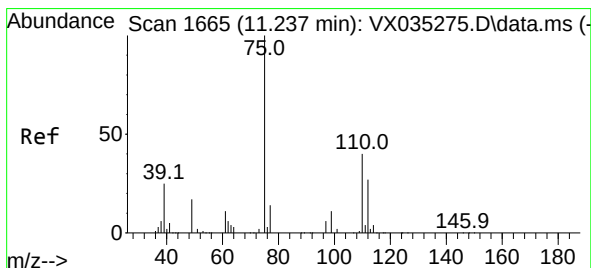
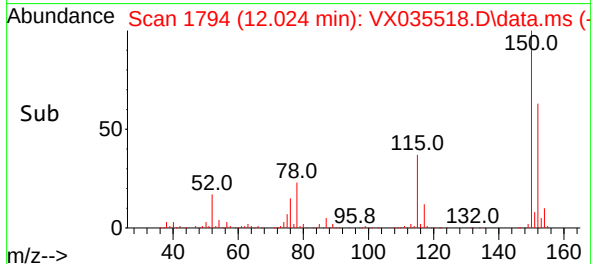
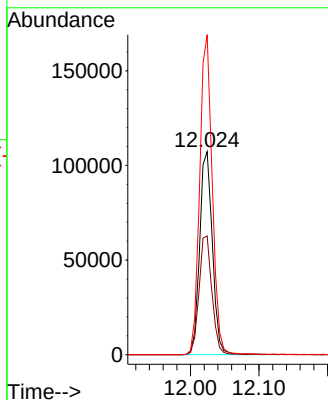
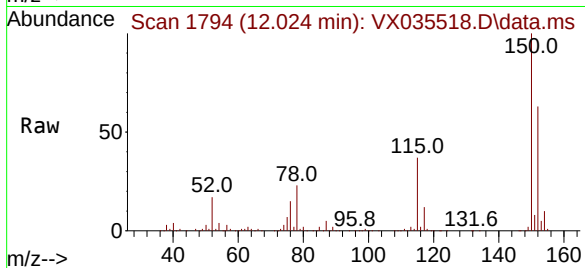




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035518.D
 Acq: 03 May 2023 18:30

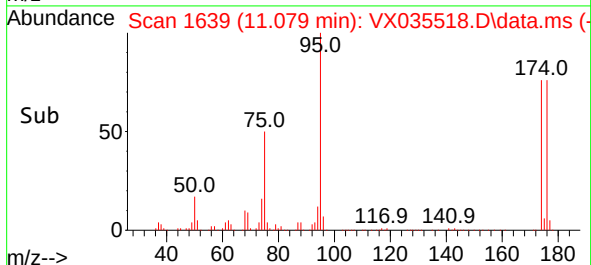
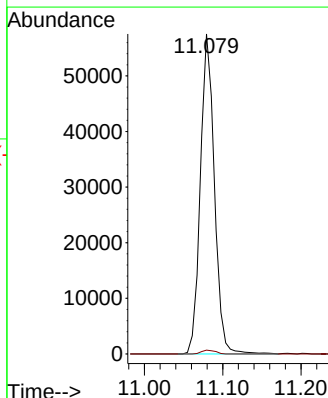
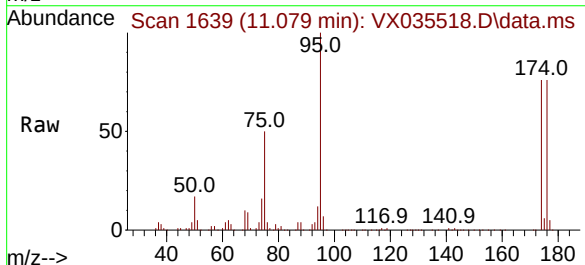
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20230503

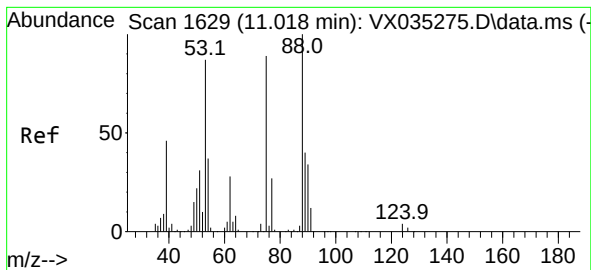
Tgt Ion:152 Resp: 138854
 Ion Ratio Lower Upper
 152 100
 115 59.2 45.0 135.0
 150 155.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.854 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035518.D
 Acq: 03 May 2023 18:30

Tgt Ion: 75 Resp: 71611
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.736 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035518.D
 Acq: 03 May 2023 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20230503

Tgt Ion: 75 Resp: 71611
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

