

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035592.D
 Acq On : 10 May 2023 17:33
 Operator : JC/MD
 Sample : 02719-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01_20230509

Quant Time: May 11 04:29:01 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)

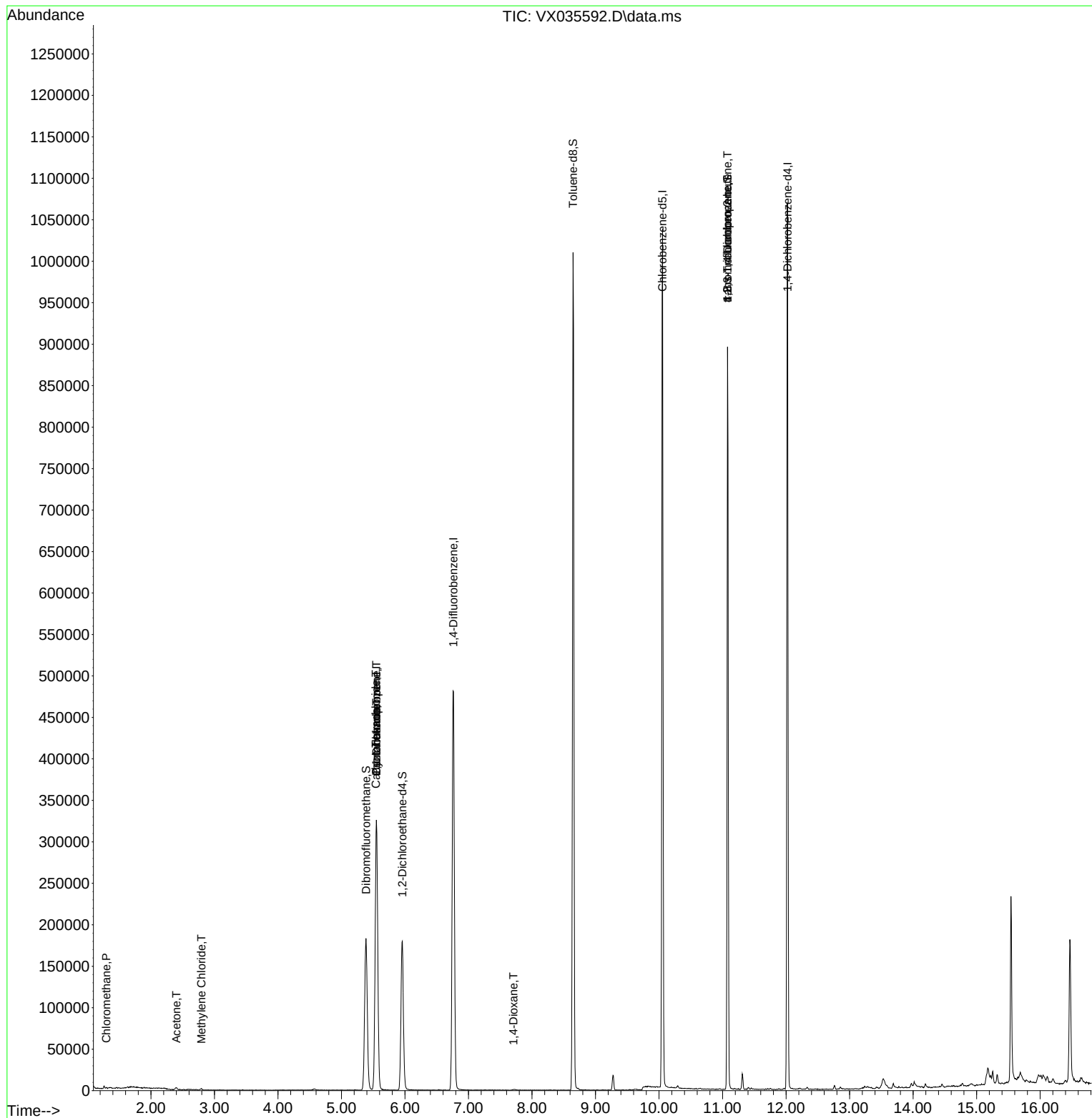
Internal Standards						
1) Pentafluorobenzene	5.549	168	337456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	539083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169373	41.603	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	83.200%	
35) Dibromofluoromethane	5.385	113	165529	50.028	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.060%	
50) Toluene-d8	8.646	98	620052	49.677	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.360%	
62) 4-Bromofluorobenzene	11.079	95	244433	52.058	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1182	0.364	ug/l	90
16) Acetone	2.398	43	3795	2.146	ug/l	89
20) Methylene Chloride	2.794	84	936	0.231	ug/l #	63
31) Cyclohexane	5.549	56	5214	0.903	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	21854	4.230	ug/l #	51
38) Carbon Tetrachloride	5.543	117	30575	6.234	ug/l #	16
49) 1,4-Dioxane	7.708	88	1292	13.628	ug/l #	61
76) 1,2,3-Trichloropropane	11.079	75	113120	22.783	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	113120	73.788	ug/l #	8

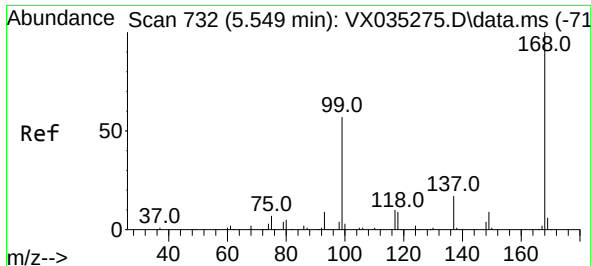
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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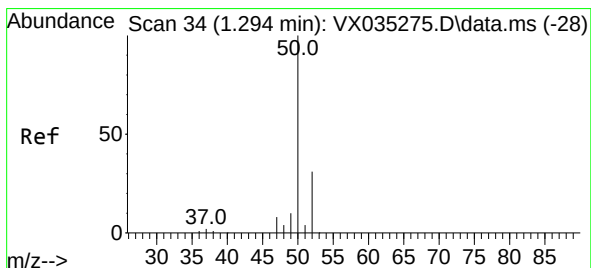
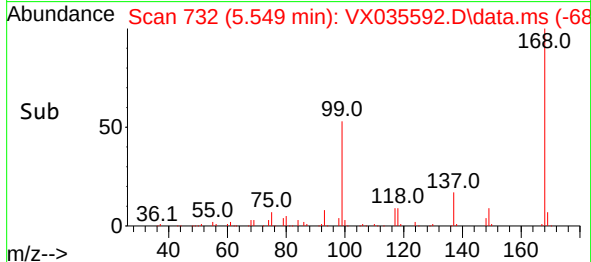
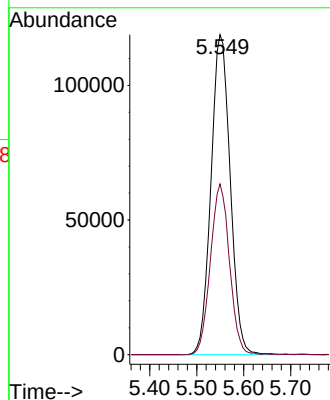
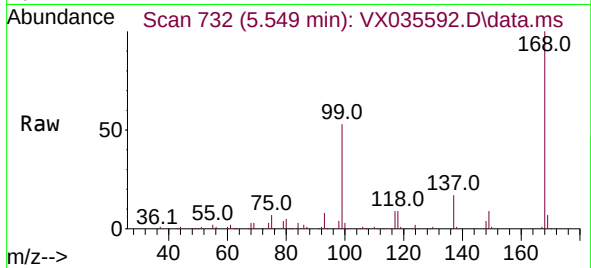




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

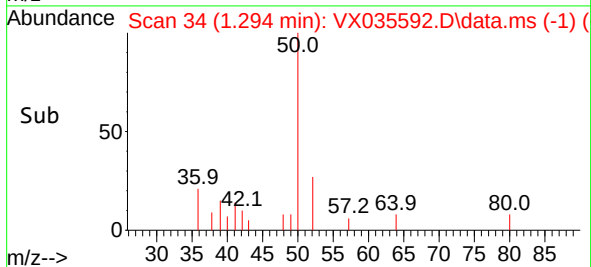
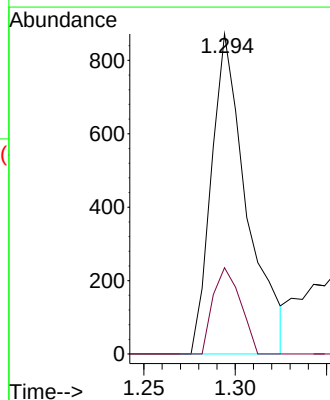
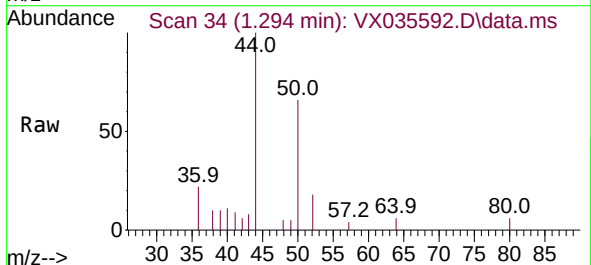
Instrument :
MSVOA_X
ClientSampleId :
FB-01_20230509

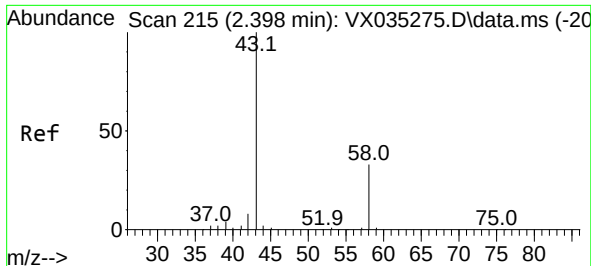
Tgt Ion:168 Resp: 337456
Ion Ratio Lower Upper
168 100
99 53.4 45.7 68.5



#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

Tgt Ion: 50 Resp: 1182
Ion Ratio Lower Upper
50 100
52 26.9 25.9 38.9

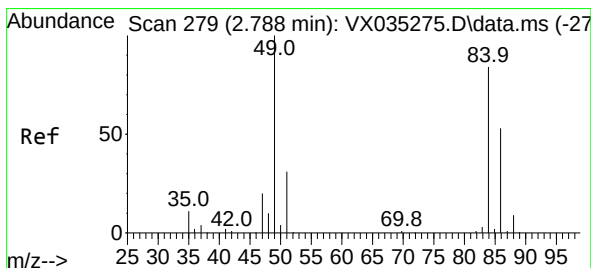
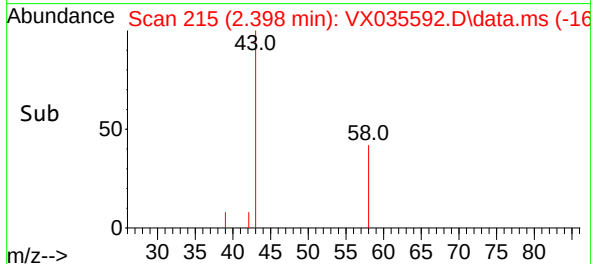
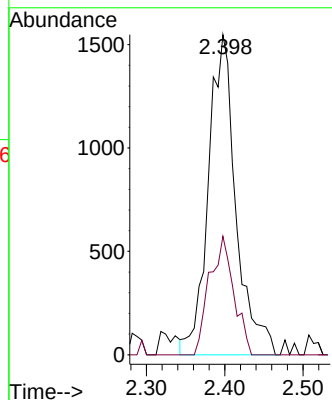
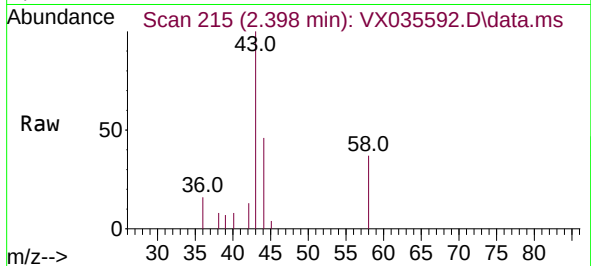




#16
Acetone
Concen: 2.146 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

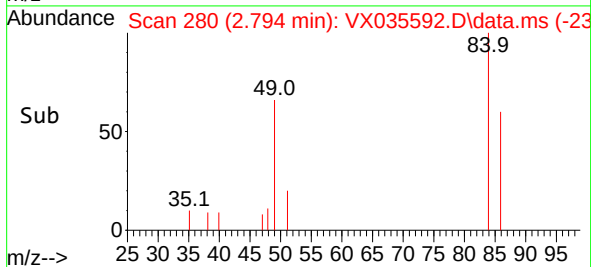
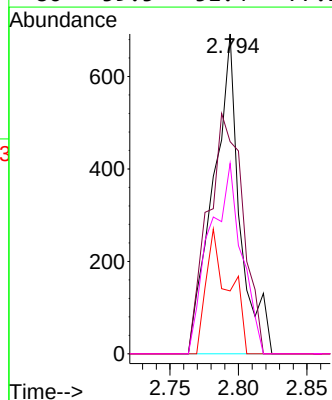
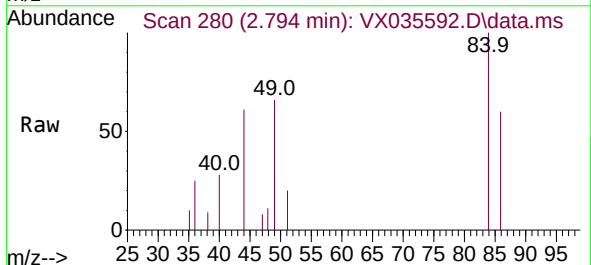
Instrument :
MSVOA_X
ClientSampleId :
FB-01_20230509

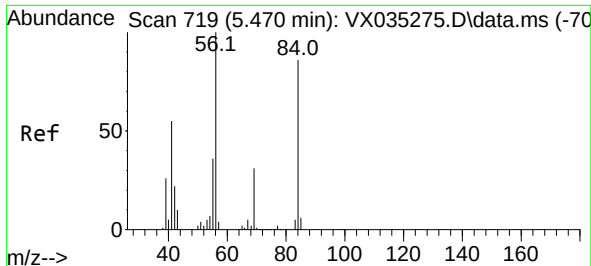
Tgt Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
58 37.0 24.7 37.1



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

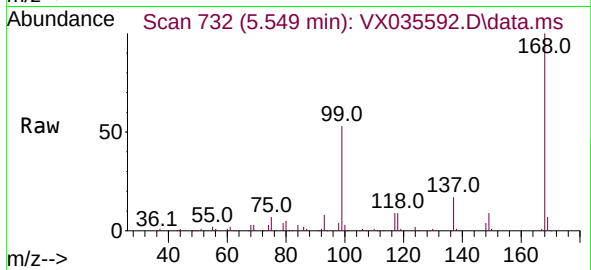
Tgt Ion: 84 Resp: 936
Ion Ratio Lower Upper
84 100
49 66.3 103.8 155.8#
51 19.7 31.8 47.8#
86 59.5 51.4 77.2



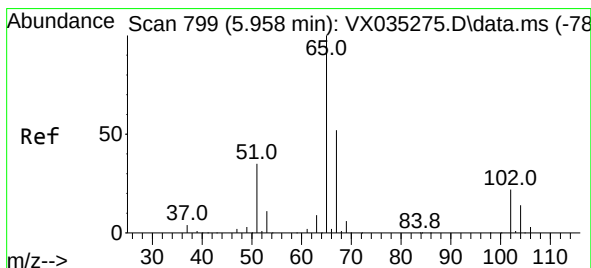
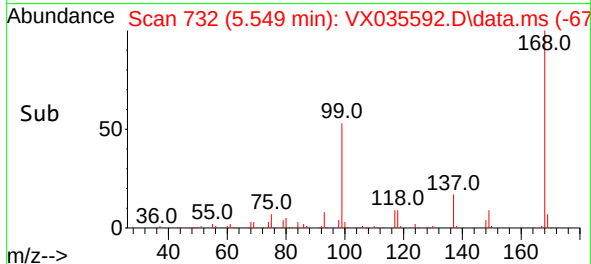
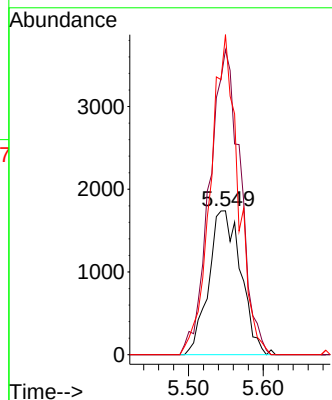


#31
Cyclohexane
Concen: 0.903 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

Instrument :
MSVOA_X
ClientSampleId :
FB-01_20230509

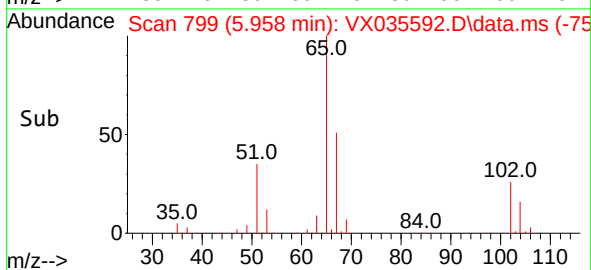
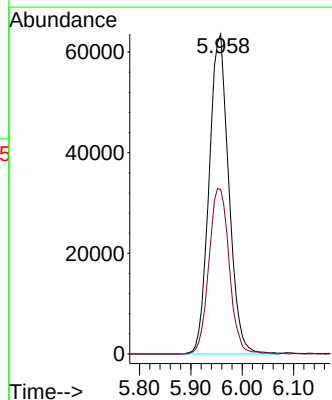
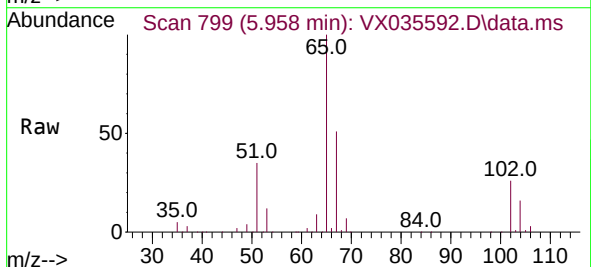


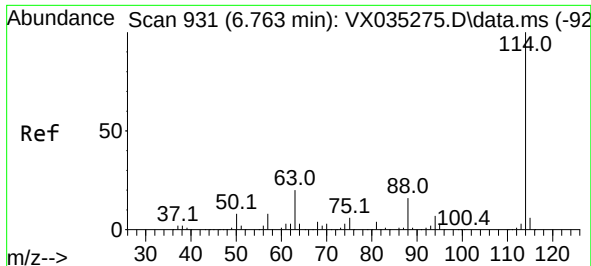
Tgt Ion: 56 Resp: 5214
Ion Ratio Lower Upper
56 100
69 211.8 23.7 35.5#
84 222.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 41.603 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

Tgt Ion: 65 Resp: 169373
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0

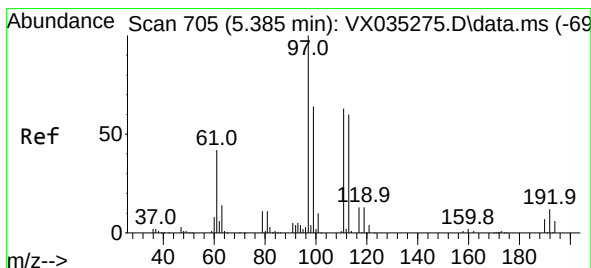
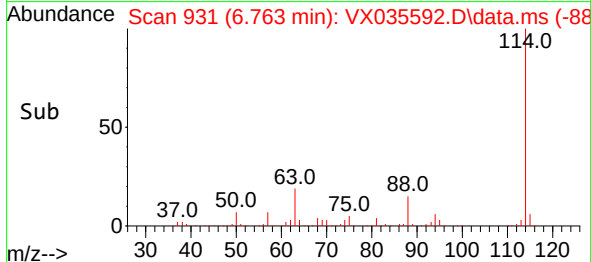
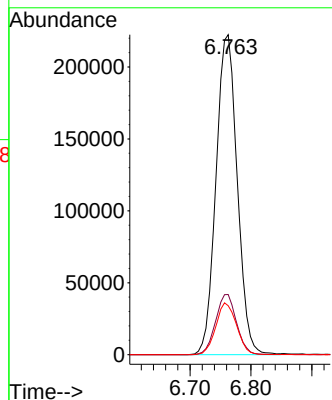
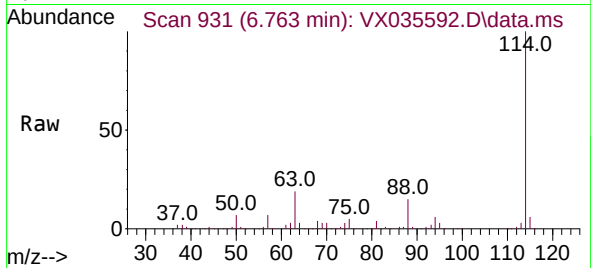




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

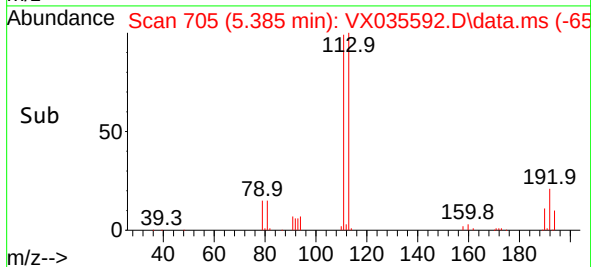
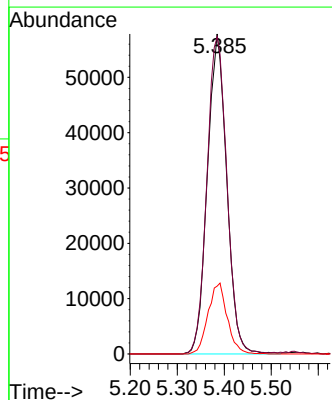
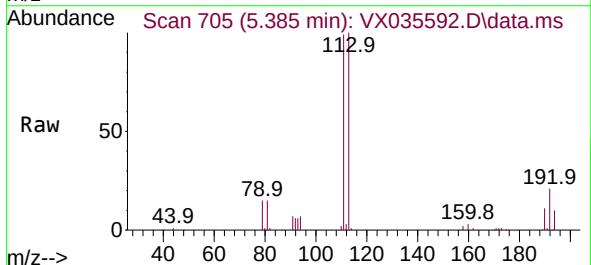
Instrument :
MSVOA_X
ClientSampleId :
FB-01_20230509

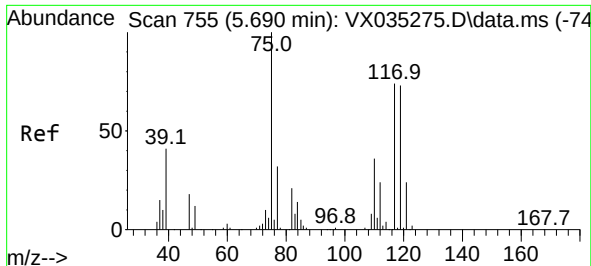
Tgt Ion:114 Resp: 539083
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.2
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.028 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

Tgt Ion:113 Resp: 165529
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 22.0 15.4 23.2

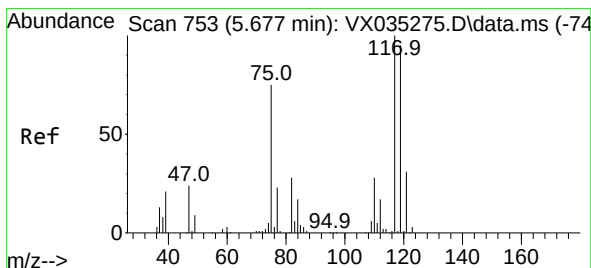
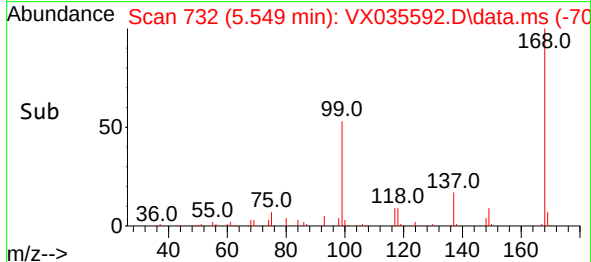
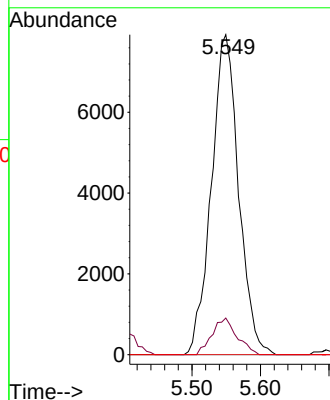
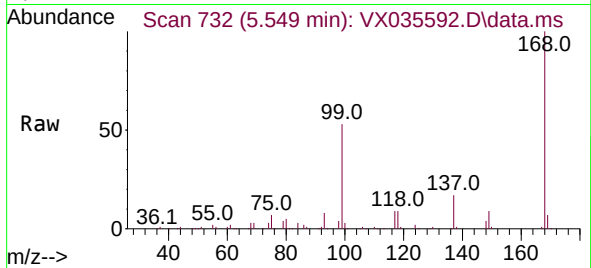




#36
1,1-Dichloropropene
Concen: 4.230 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

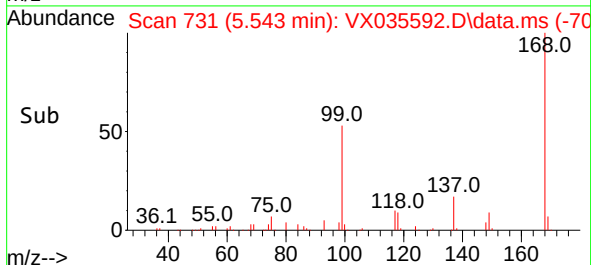
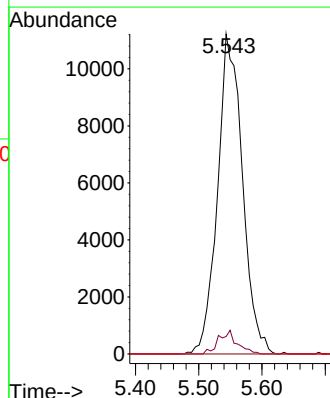
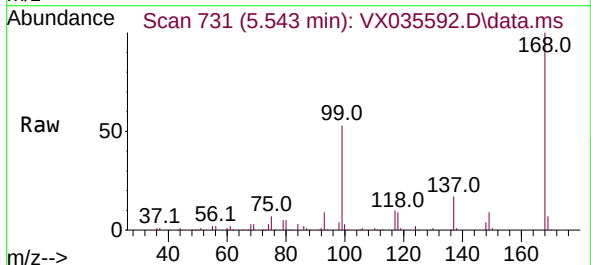
Instrument :
MSVOA_X
ClientSampleId :
FB-01_20230509

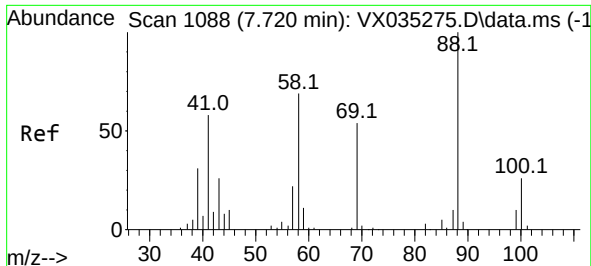
Tgt Ion: 75 Resp: 21854
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.234 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

Tgt Ion: 117 Resp: 30575
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 13.628 ug/l

RT: 7.708 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VX035592.D

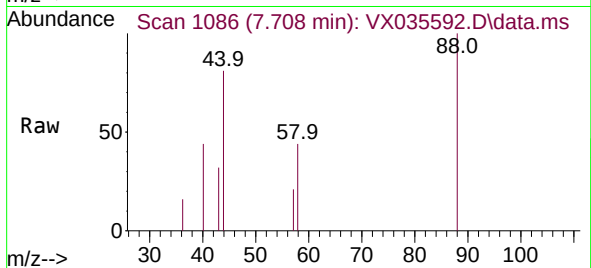
Acq: 10 May 2023 17:33

Instrument :

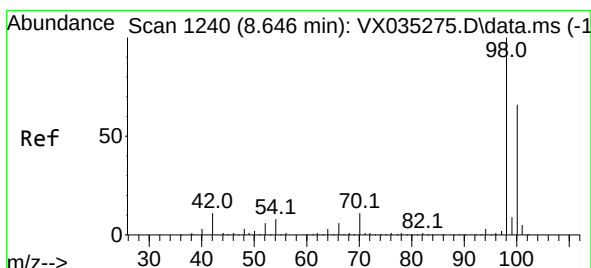
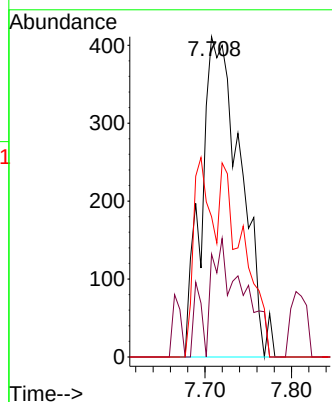
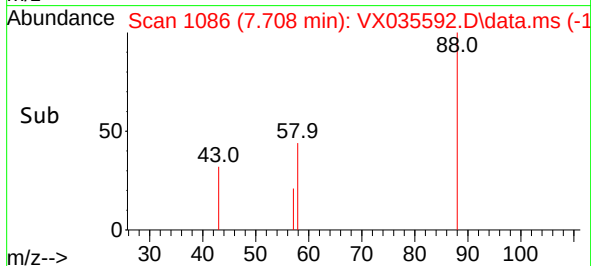
MSVOA_X

ClientSampleId :

FB-01_20230509



Tgt Ion: 88	Resp: 1292
Ion Ratio	Lower Upper
88	100
43	16.1 27.7 41.5#
58	36.4 56.8 85.2#



#50

Toluene-d8

Concen: 49.677 ug/l

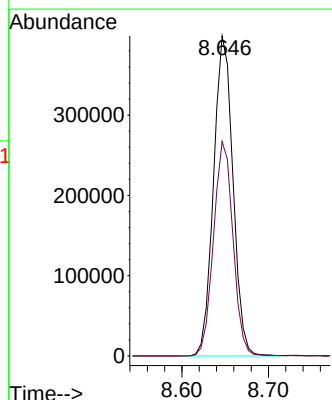
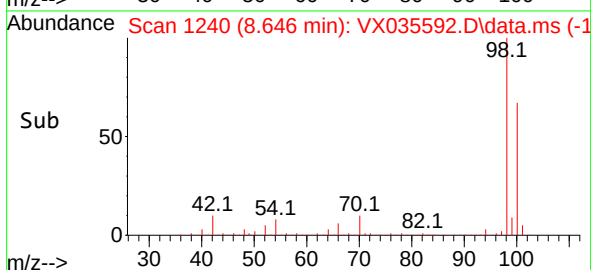
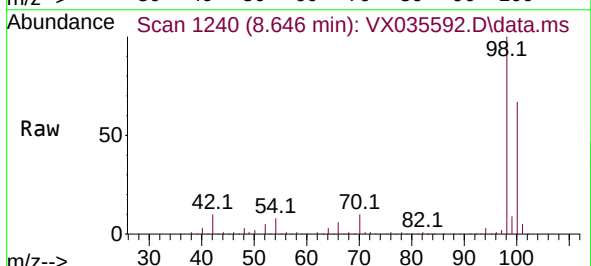
RT: 8.646 min Scan# 1240

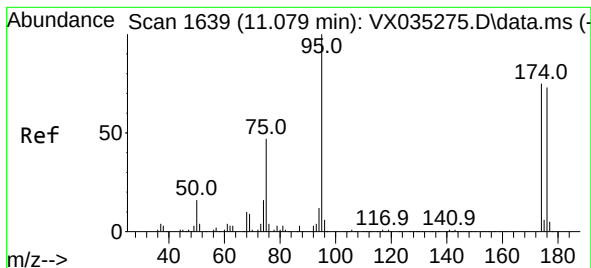
Delta R.T. 0.000 min

Lab File: VX035592.D

Acq: 10 May 2023 17:33

Tgt Ion: 98	Resp: 620052
Ion Ratio	Lower Upper
98	100
100	67.3 52.5 78.7

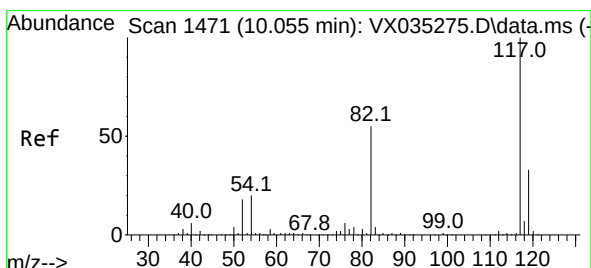
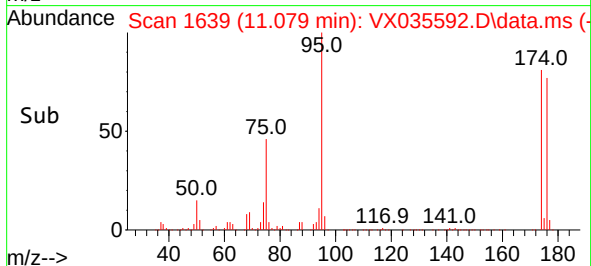
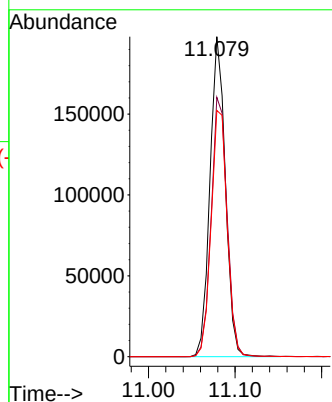
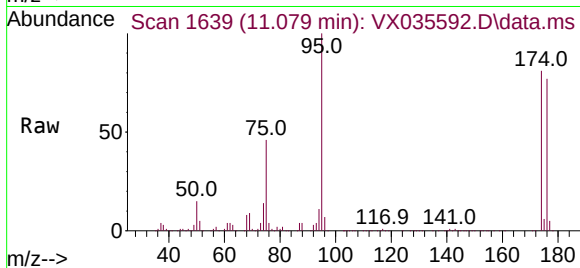




#62
4-Bromofluorobenzene
Concen: 52.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

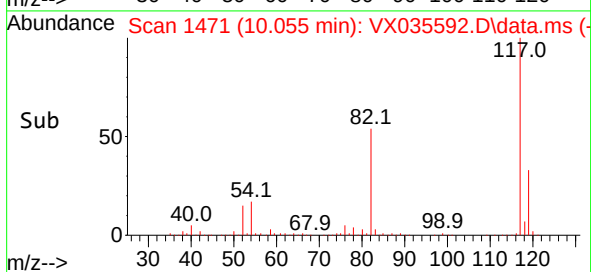
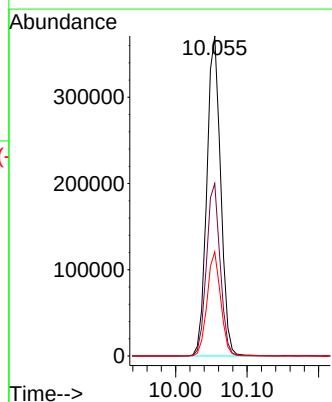
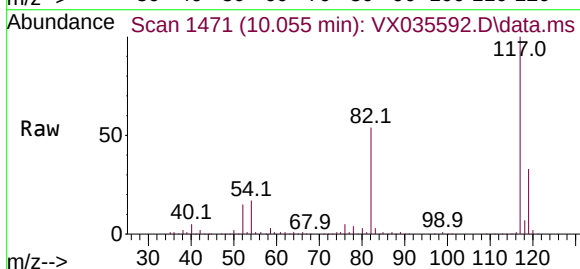
Instrument :
MSVOA_X
ClientSampleId :
FB-01_20230509

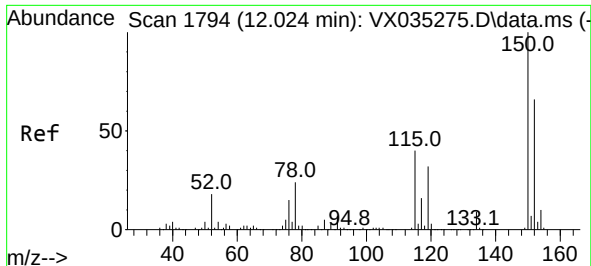
Tgt Ion: 95 Resp: 244433
Ion Ratio Lower Upper
95 100
174 83.7 0.0 147.4
176 80.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035592.D
Acq: 10 May 2023 17:33

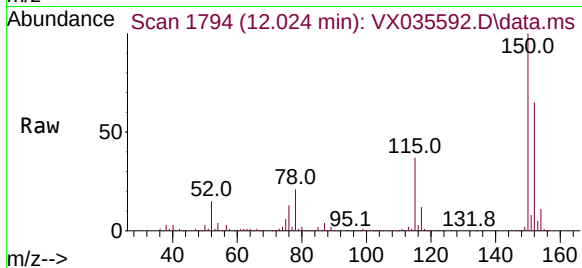
Tgt Ion: 117 Resp: 498506
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.6 26.0 39.0



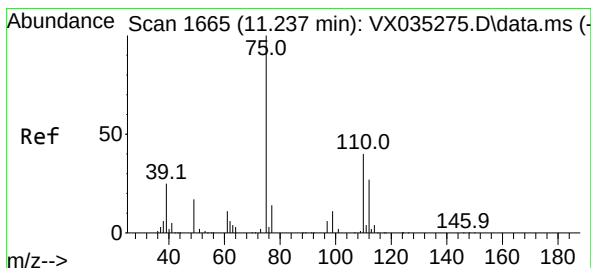
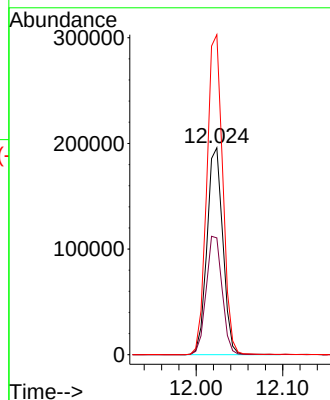
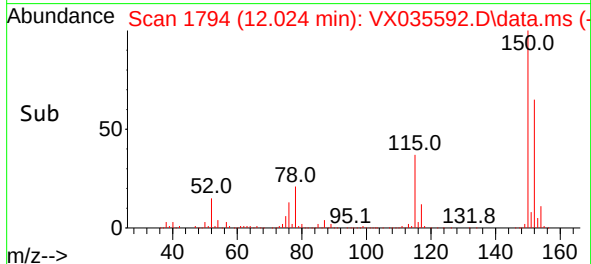


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035592.D
 Acq: 10 May 2023 17:33

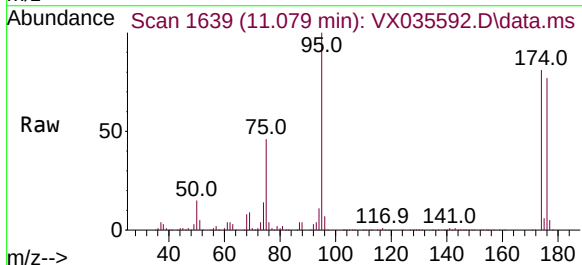
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01_20230509



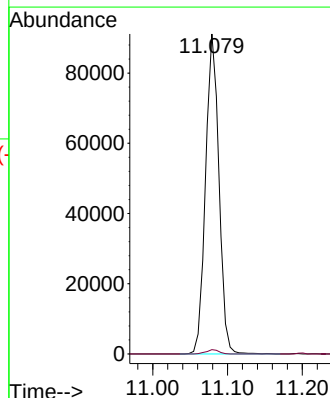
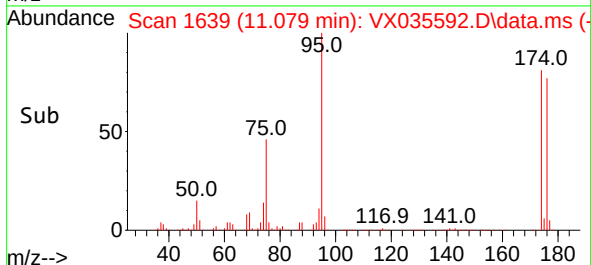
Tgt Ion:152 Resp: 248911
 Ion Ratio Lower Upper
 152 100
 115 57.6 45.0 135.0
 150 155.5 0.0 352.4

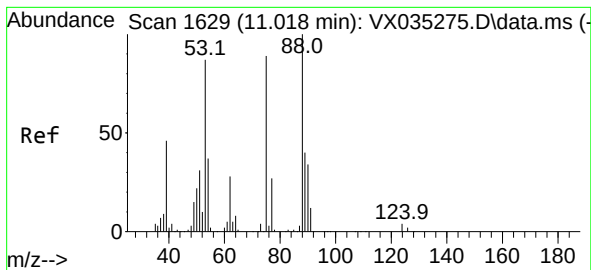


#76
 1,2,3-Trichloropropane
 Concen: 22.783 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035592.D
 Acq: 10 May 2023 17:33



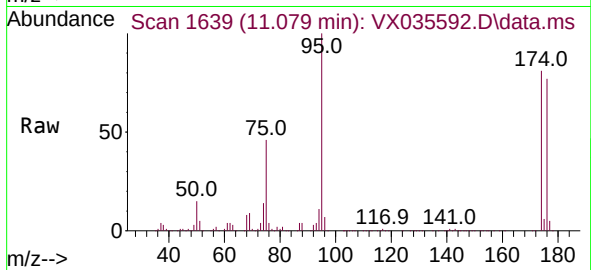
Tgt Ion: 75 Resp: 113120
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.788 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX035592.D
 Acq: 10 May 2023 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01_20230509



Tgt Ion: 75 Resp: 113120
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

