

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039066.D
 Acq On : 30 Nov 2023 14:27
 Operator : JC/MD
 Sample : 05585-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 01 01:58:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

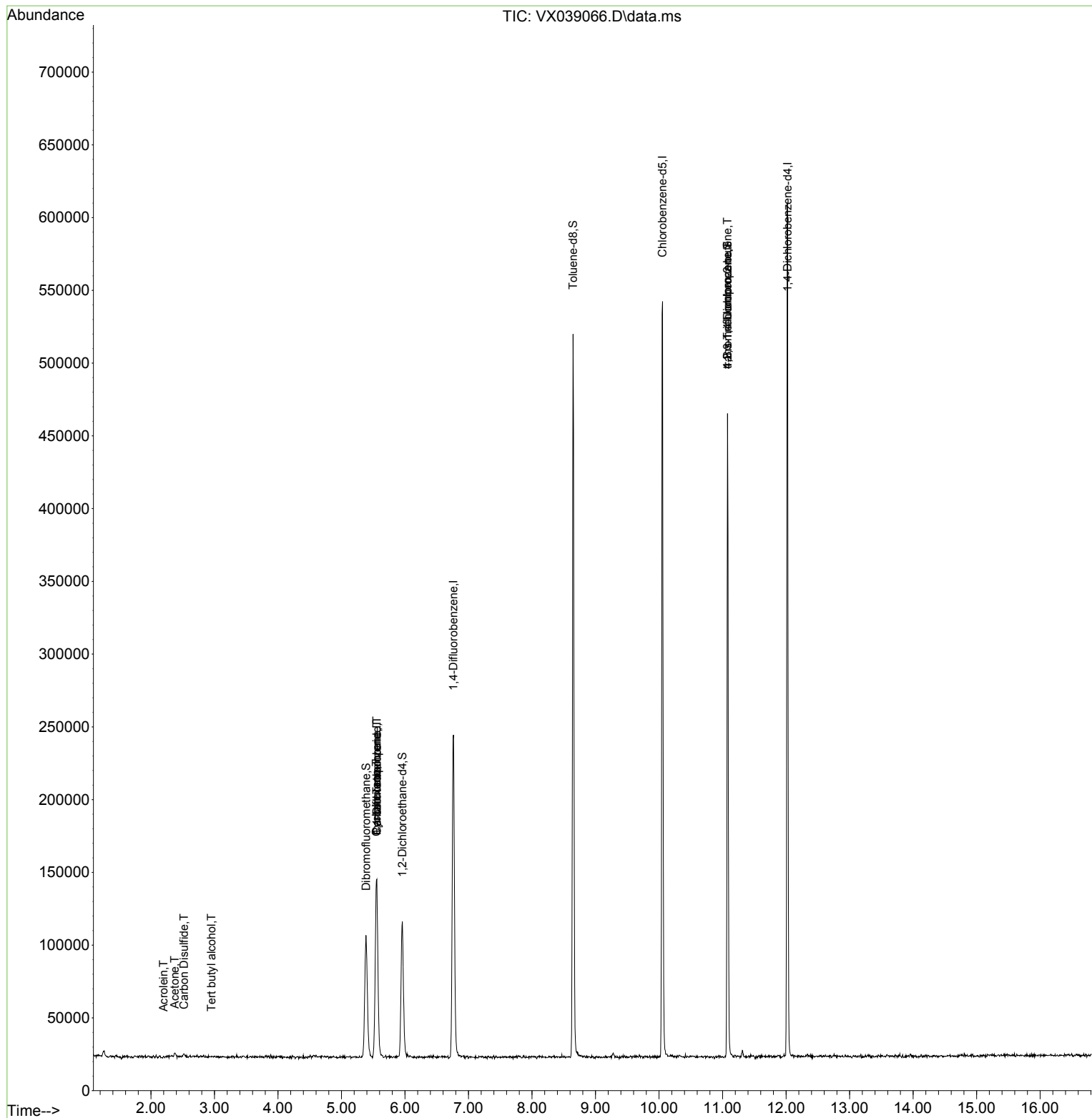
Internal Standards						
1) Pentafluorobenzene	5.556	168	112634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86903	47.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.760%
35) Dibromofluoromethane	5.385	113	72565	43.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.140%
50) Toluene-d8	8.647	98	291543	45.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.460%#
62) 4-Bromofluorobenzene	11.079	95	123833	47.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	168	0.333	ug/l #	78
13) Acrolein	2.197	56	79	0.296	ug/l #	14
16) Acetone	2.374	43	2586	2.677	ug/l	97
17) Carbon Disulfide	2.520	76	963	0.221	ug/l #	78
31) Cyclohexane	5.550	56	3032	1.170	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	10273	4.255	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12614	5.652	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	65126	22.121	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65126	49.067	ug/l #	5

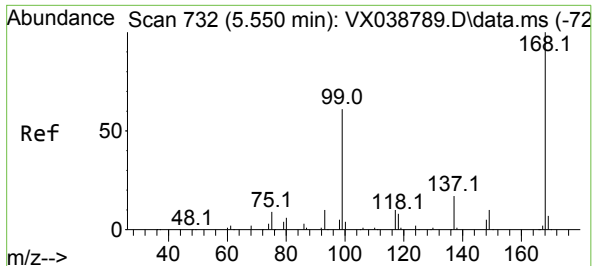
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Dec 01 01:58:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

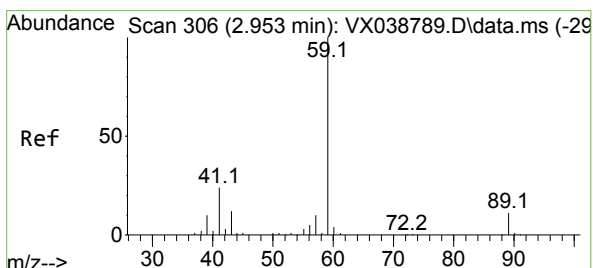
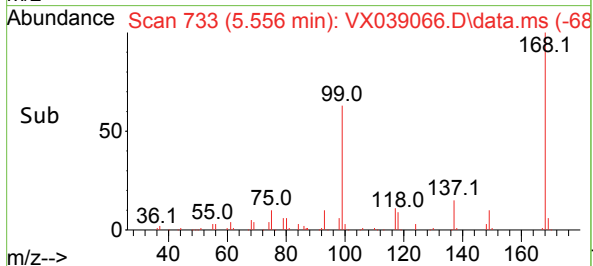
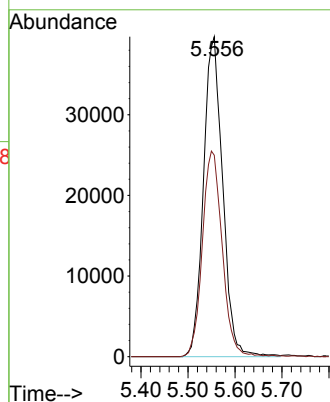
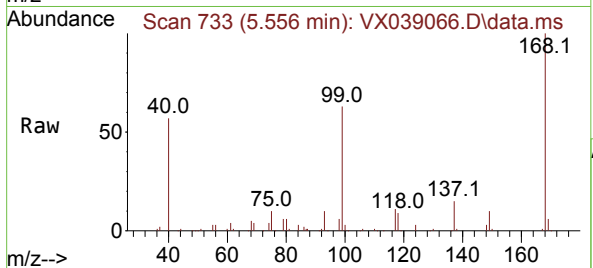




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

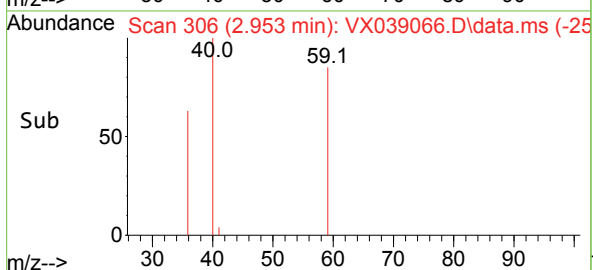
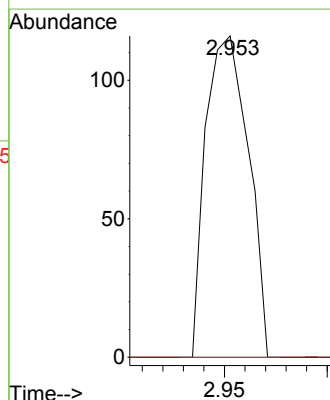
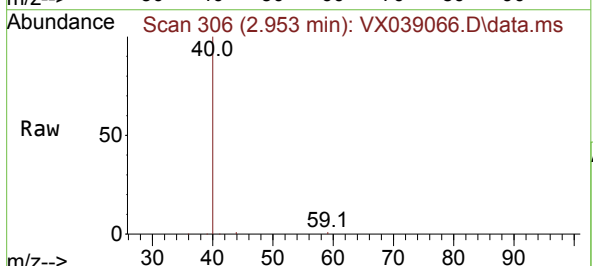
Instrument :
MSVOA_X
ClientSampleId :

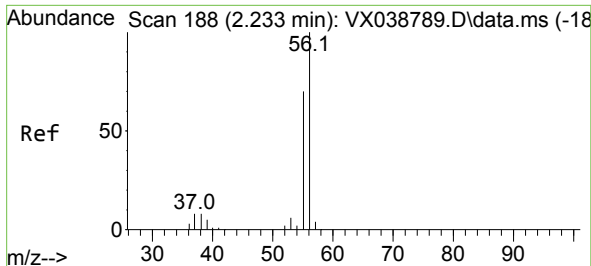
Tgt Ion:168 Resp: 112634
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.333 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

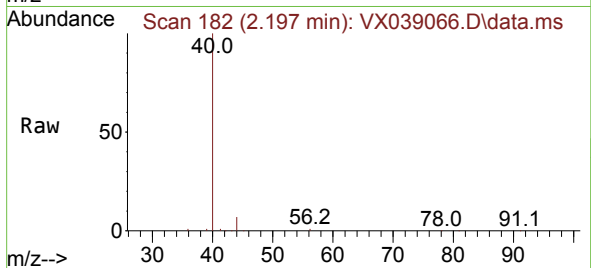
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



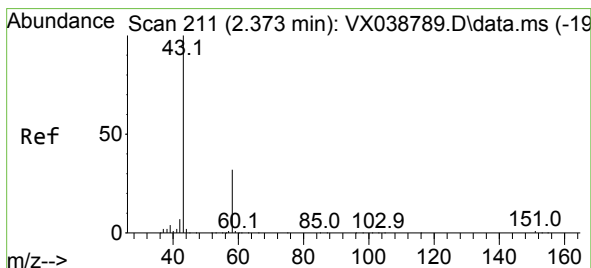
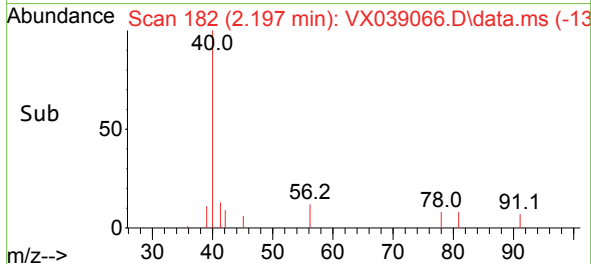
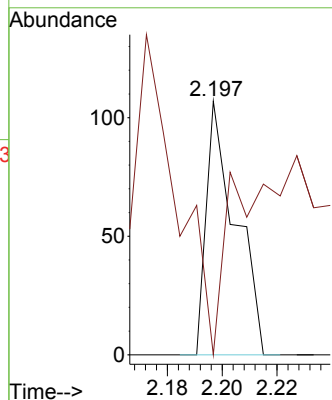


#13
Acrolein
Concen: 0.296 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.036 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :

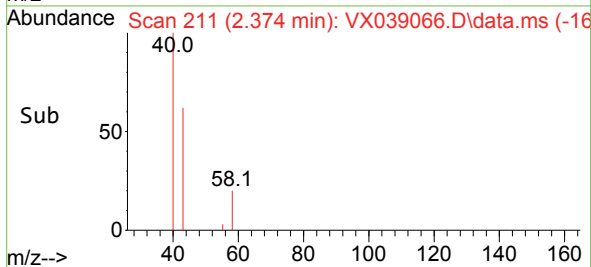
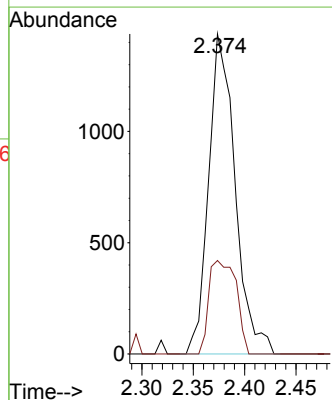
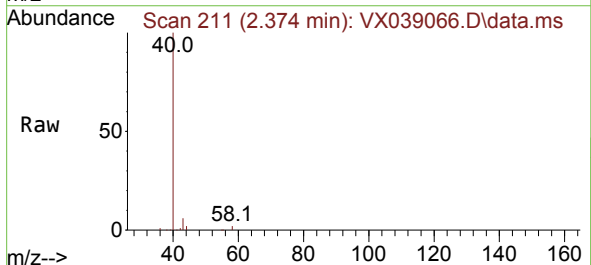


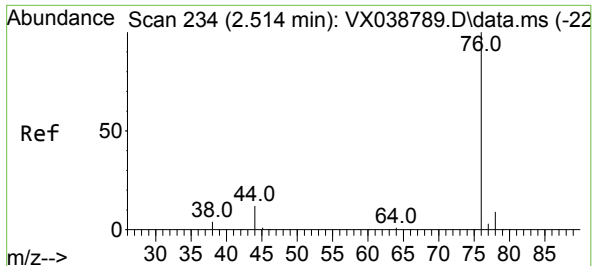
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.677 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

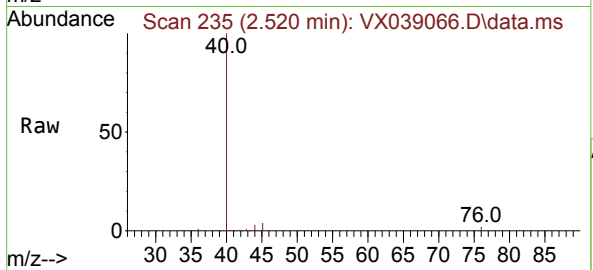
Tgt Ion: 43 Resp: 2586
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9



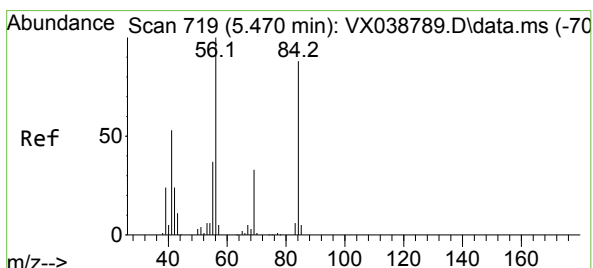
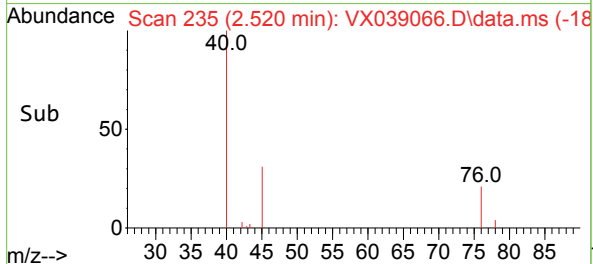
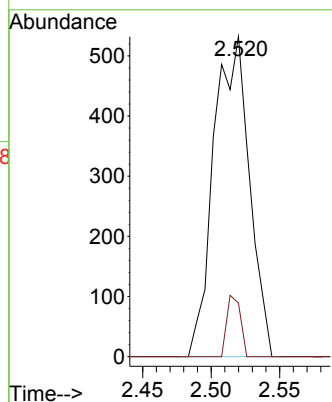


#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :

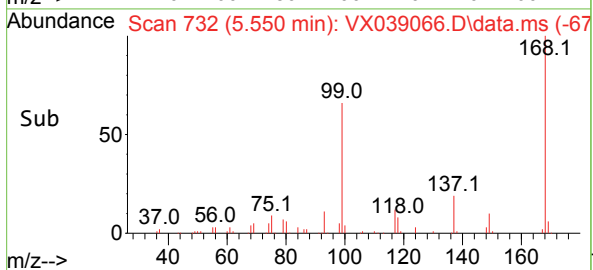
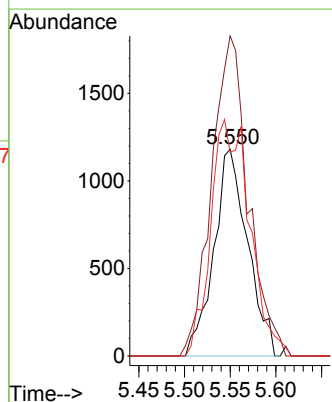
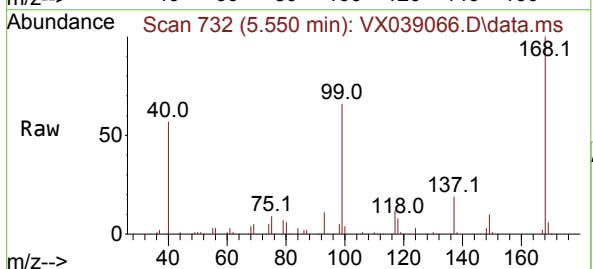


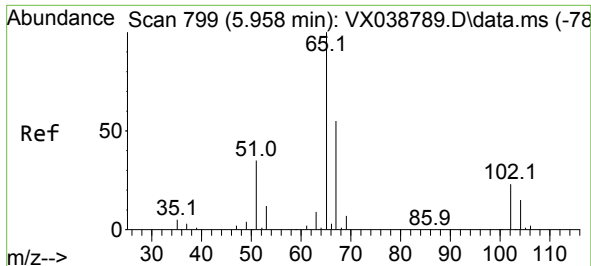
Tgt Ion: 76 Resp: 963
Ion Ratio Lower Upper
76 100
78 16.7 7.0 10.6#



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Tgt Ion: 56 Resp: 3032
Ion Ratio Lower Upper
56 100
69 154.8 23.4 35.2#
84 98.6 65.9 98.9

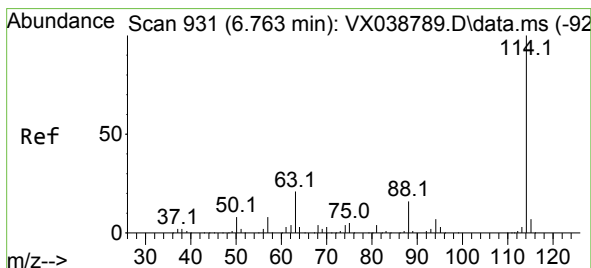
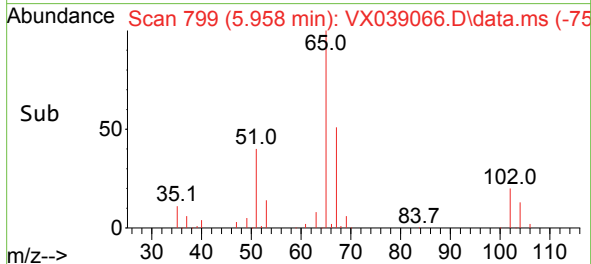
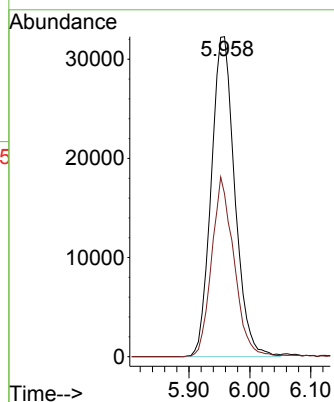
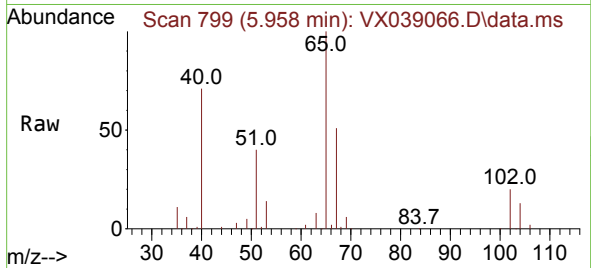




#33
1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

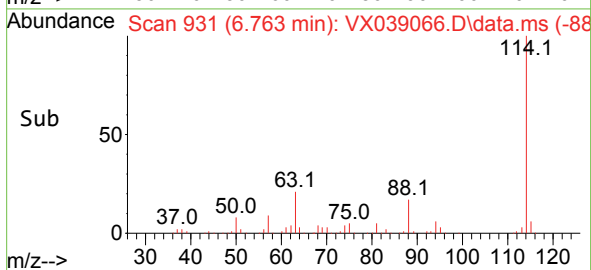
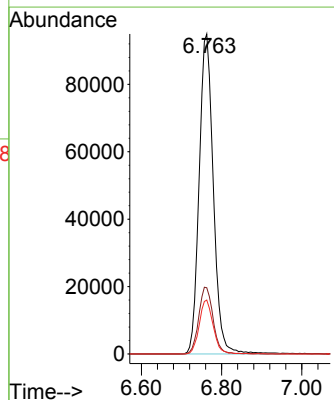
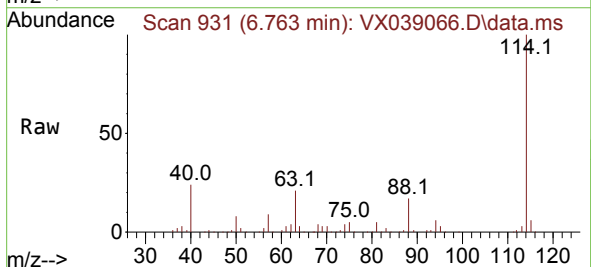
Instrument :
MSVOA_X
ClientSampleId :

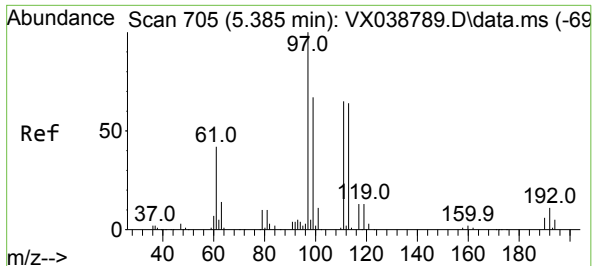
Tgt Ion: 65 Resp: 86903
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Tgt Ion:114 Resp: 233264
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.073 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

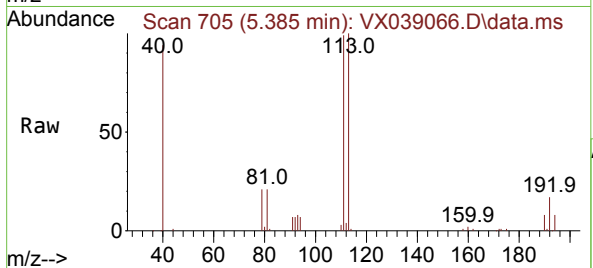
Lab File: VX039066.D

Acq: 30 Nov 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :



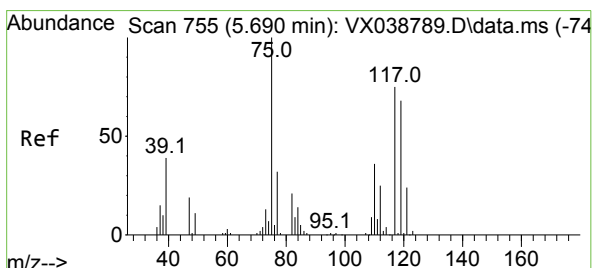
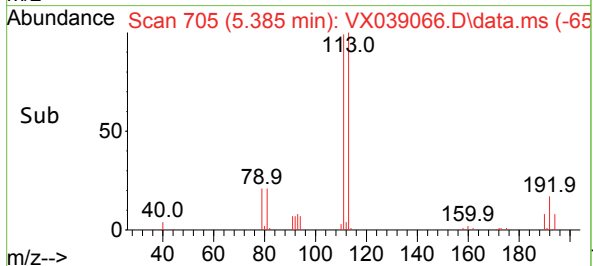
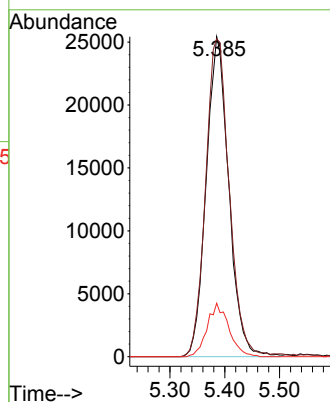
Tgt Ion:113 Resp: 72565

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 16.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.255 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX039066.D

Acq: 30 Nov 2023 14:27

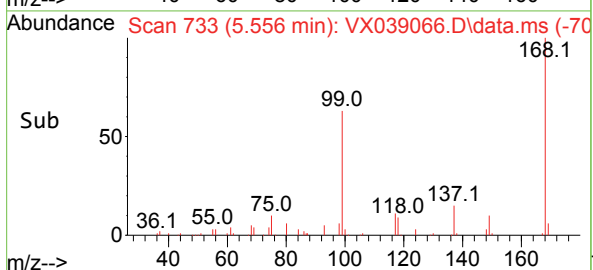
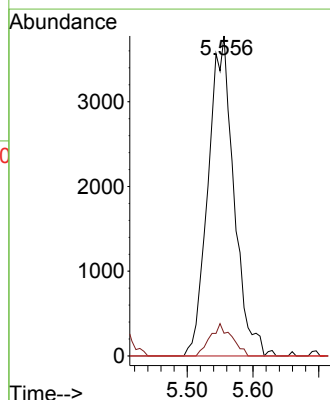
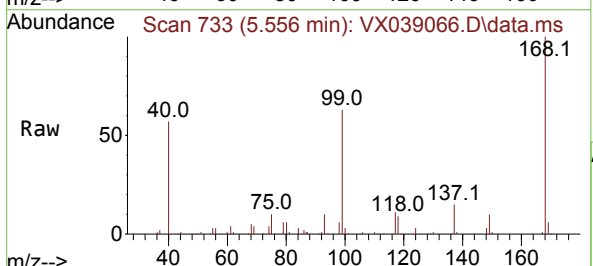
Tgt Ion: 75 Resp: 10273

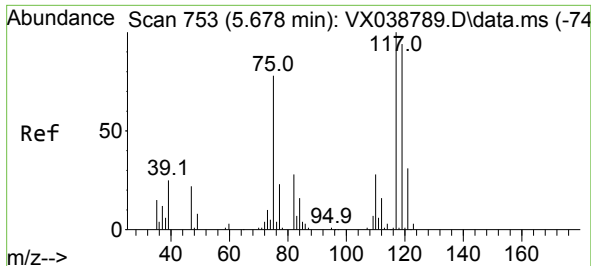
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

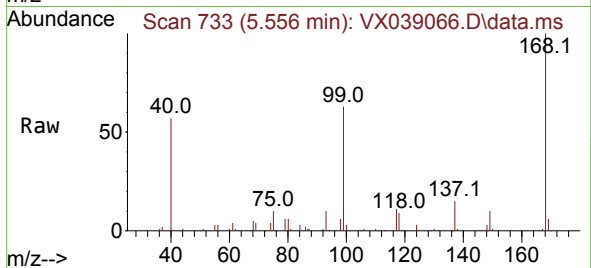
77 0.0 24.7 37.1#



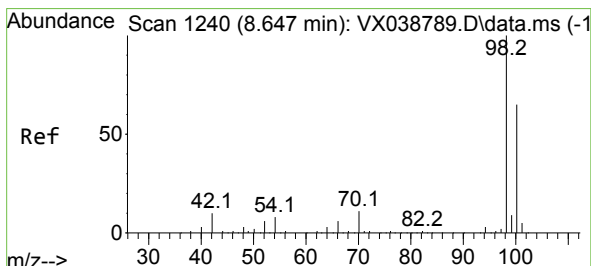
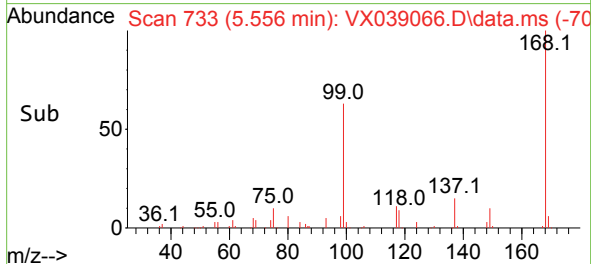
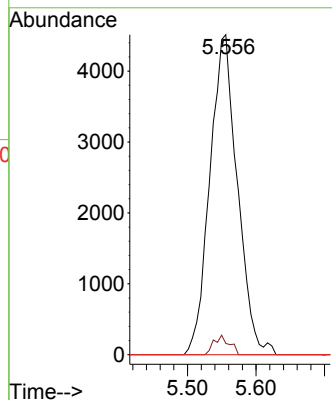


#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :

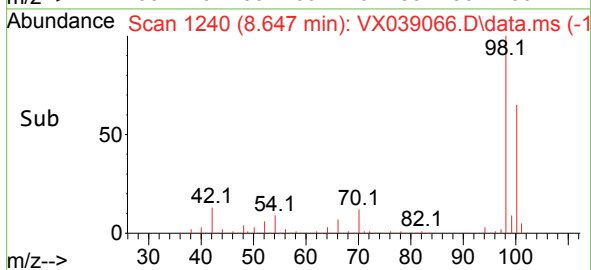
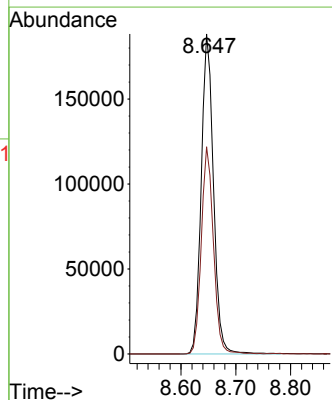
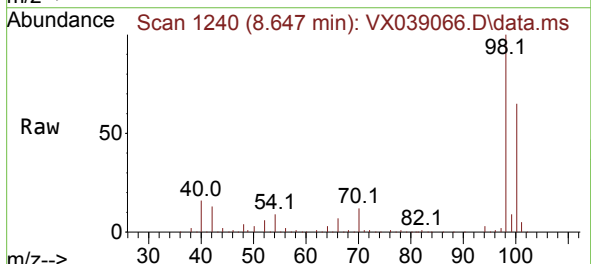


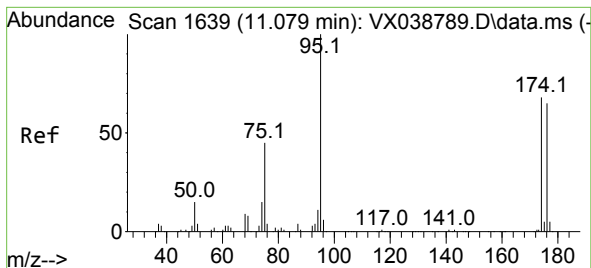
Tgt Ion:117 Resp: 12614
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Tgt Ion: 98 Resp: 291543
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

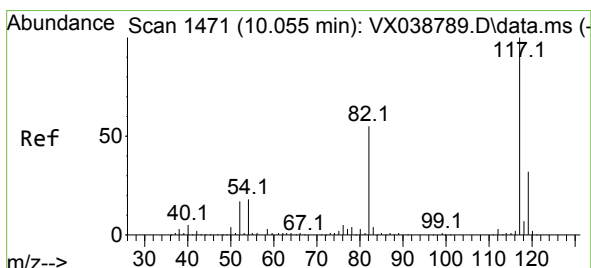
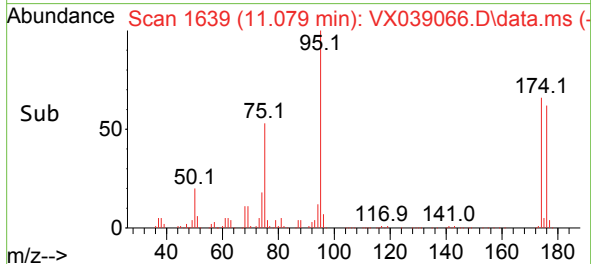
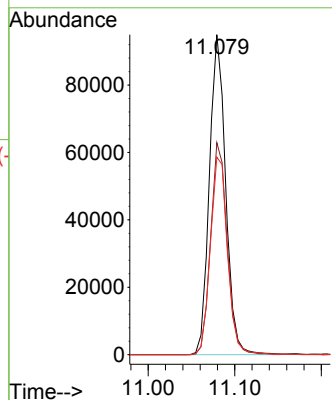
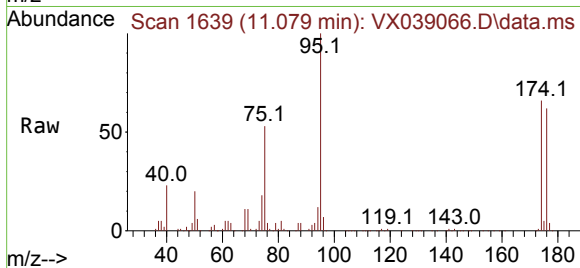




#62
4-Bromofluorobenzene
Concen: 47.992 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

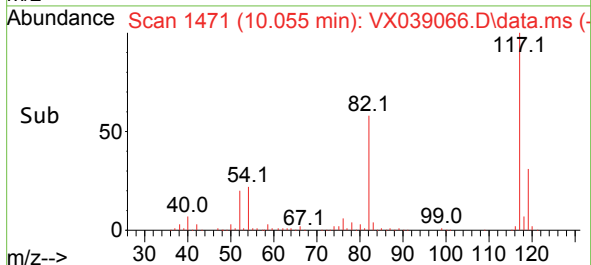
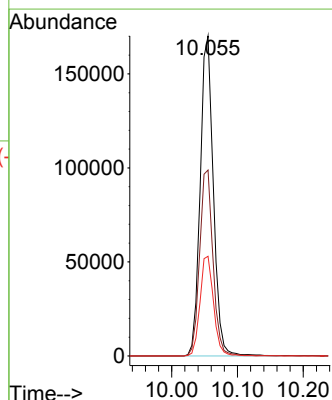
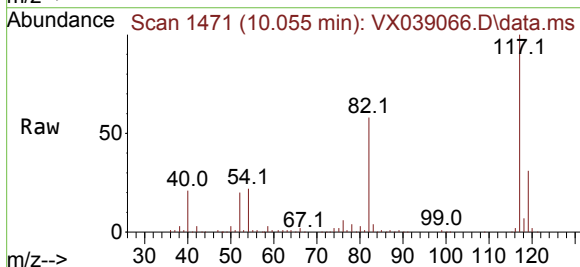
Instrument :
MSVOA_X
ClientSampleId :

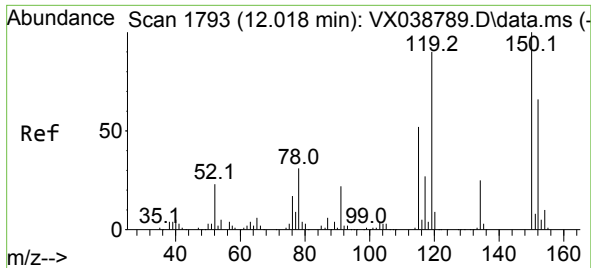
Tgt Ion: 95 Resp: 123833
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039066.D
Acq: 30 Nov 2023 14:27

Tgt Ion: 117 Resp: 236032
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.1 25.5 38.3

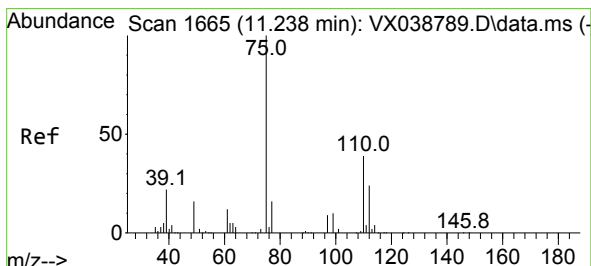
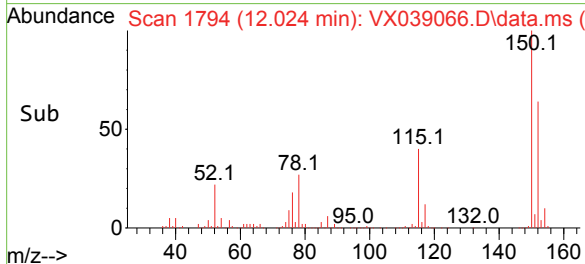
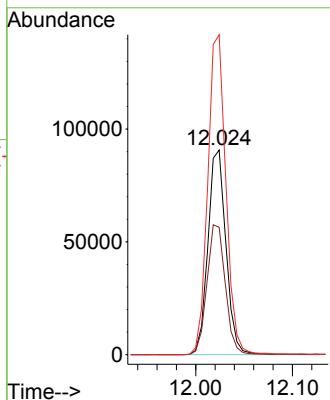
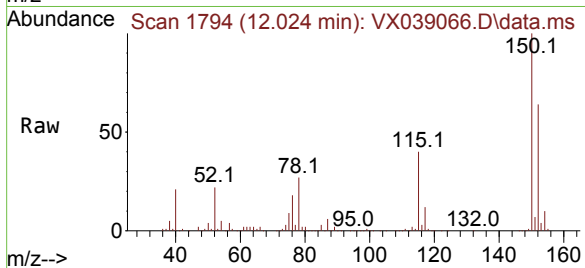




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039066.D
 Acq: 30 Nov 2023 14:27

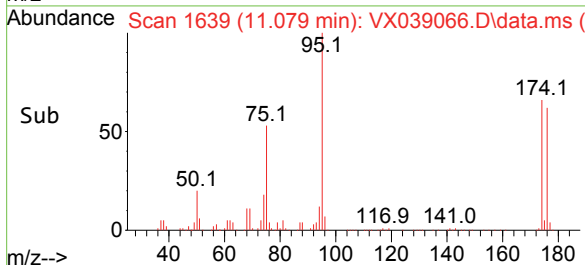
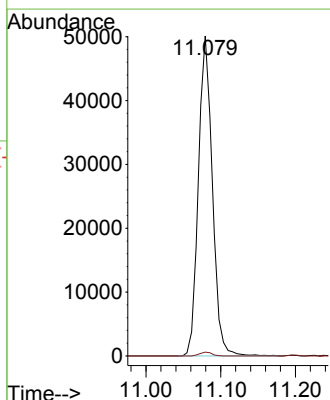
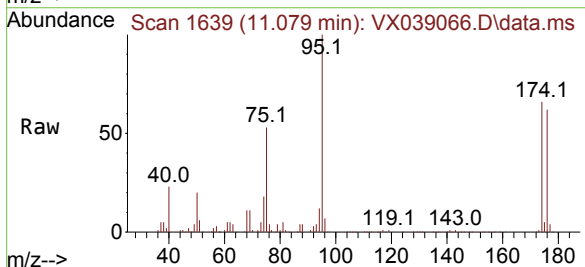
Instrument :
 MSVOA_X
 ClientSampleId :

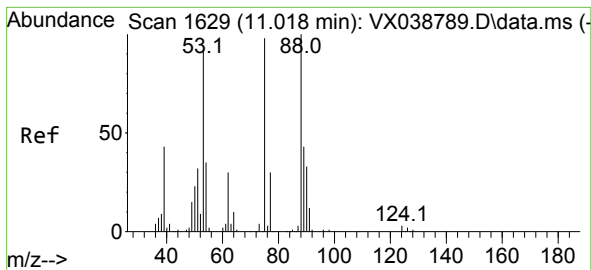
Tgt Ion:152 Resp: 118000
 Ion Ratio Lower Upper
 152 100
 115 64.9 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.121 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039066.D
 Acq: 30 Nov 2023 14:27

Tgt Ion: 75 Resp: 65126
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.067 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039066.D
 Acq: 30 Nov 2023 14:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 65126
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

