

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038074.D
 Acq On : 04 Oct 2023 18:42
 Operator : JC/MD
 Sample : 04682-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:06:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

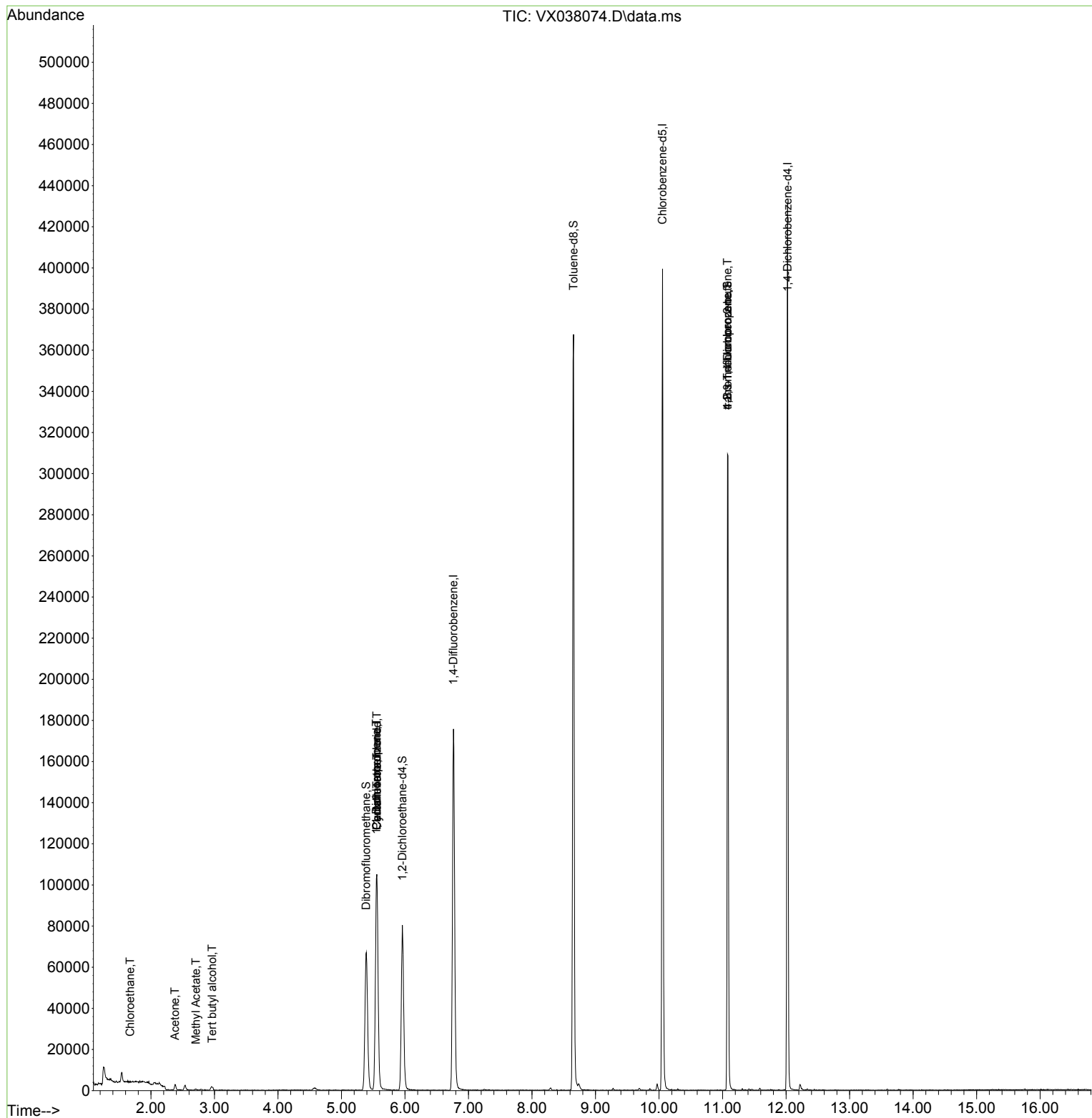
Internal Standards						
1) Pentafluorobenzene	5.556	168	98924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74904	48.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.320%
35) Dibromofluoromethane	5.385	113	57562	47.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.653	98	222856	47.951	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	80259	47.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.900%
Target Compounds						
					Qvalue	
6) Chloroethane	1.673	64	283	0.322	ug/l #	62
11) Tert butyl alcohol	2.965	59	1761	5.093	ug/l #	90
16) Acetone	2.380	43	2831	4.188	ug/l	98
18) Methyl Acetate	2.709	43	667	0.230	ug/l	97
20) Methylene Chloride	2.788	84	172	Below Cal	#	70
31) Cyclohexane	5.556	56	2469	1.372	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8687	4.854	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10375	5.957	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	44429	22.851	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44429	77.174	ug/l #	5

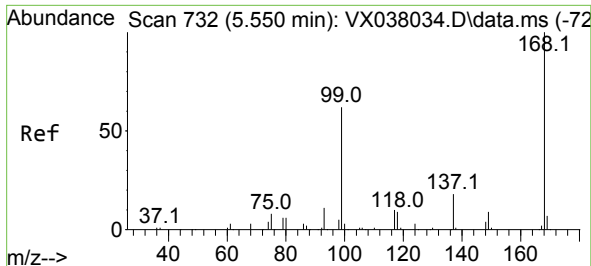
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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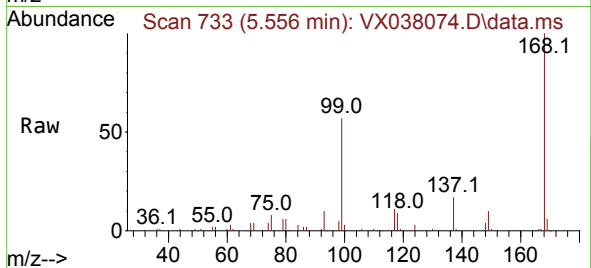
Quant Time: Oct 05 01:06:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



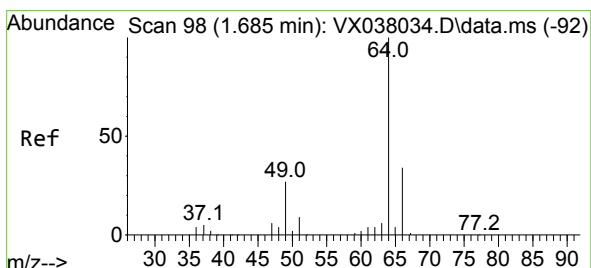
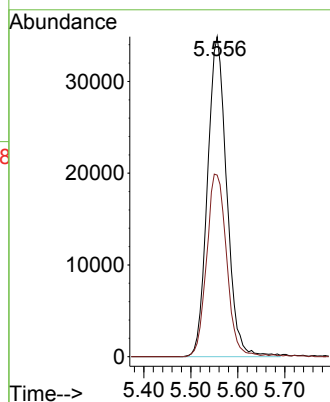
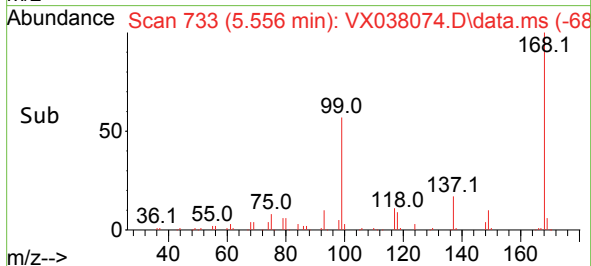


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :

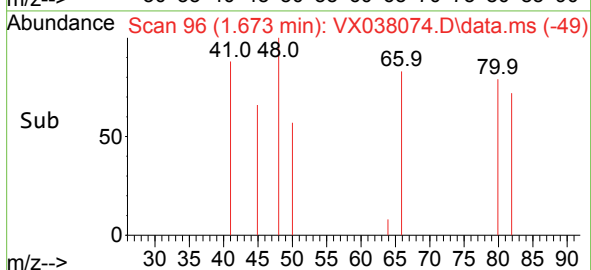
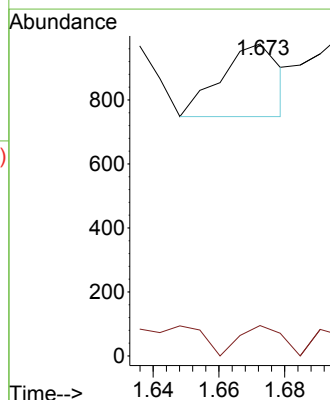
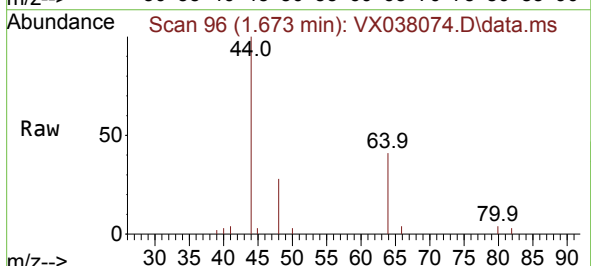


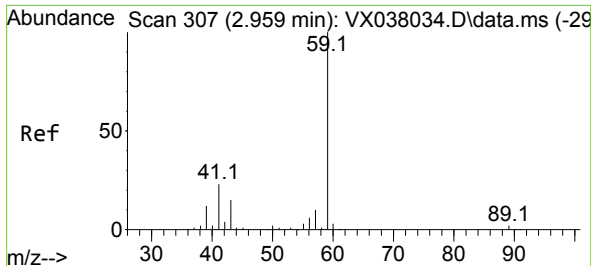
Tgt Ion:168 Resp: 98924
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#6
Chloroethane
Concen: 0.322 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Tgt Ion: 64 Resp: 283
Ion Ratio Lower Upper
64 100
66 10.6 25.1 37.7#

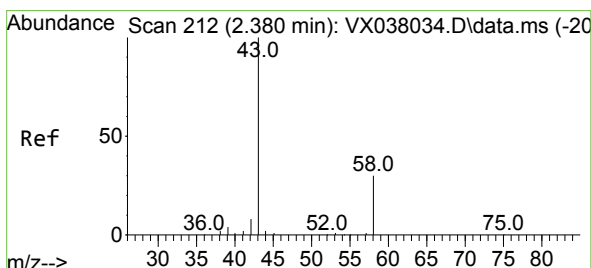
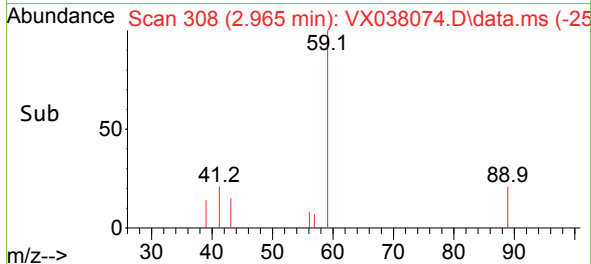
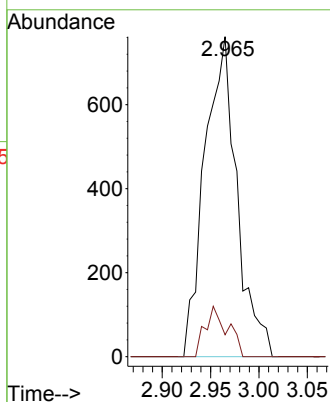
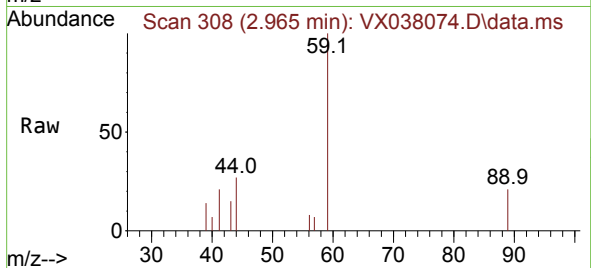




#11
Tert butyl alcohol
Concen: 5.093 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

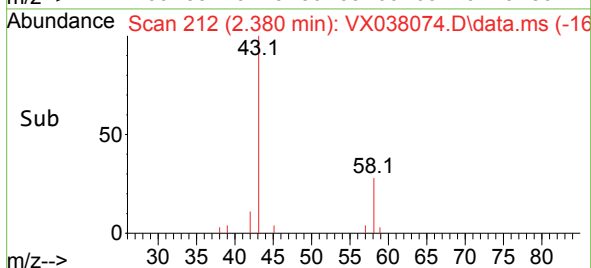
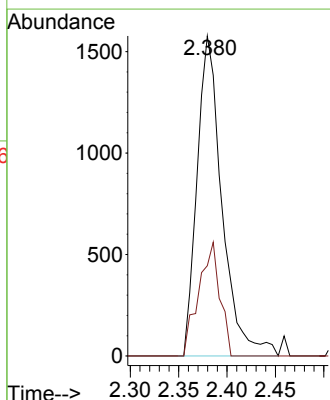
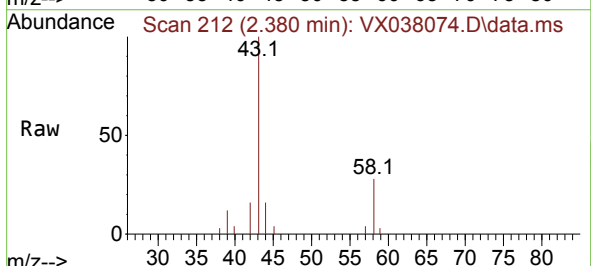
Instrument :
MSVOA_X
ClientSampleId :

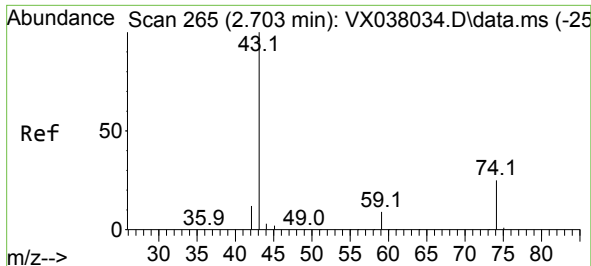
Tgt Ion: 59 Resp: 1761
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0#



#16
Acetone
Concen: 4.188 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Tgt Ion: 43 Resp: 2831
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9

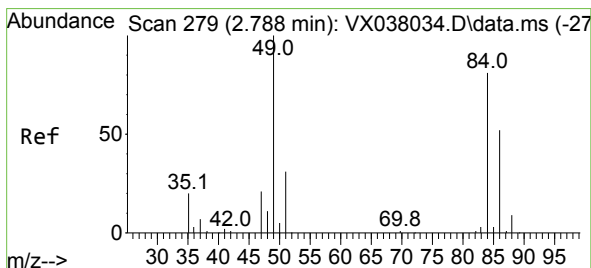
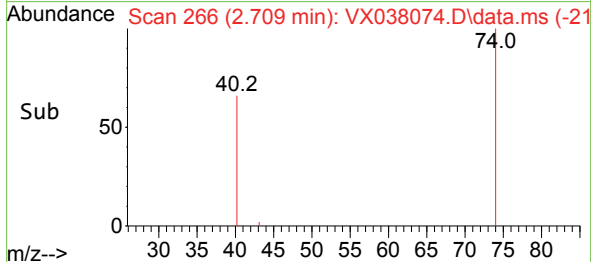
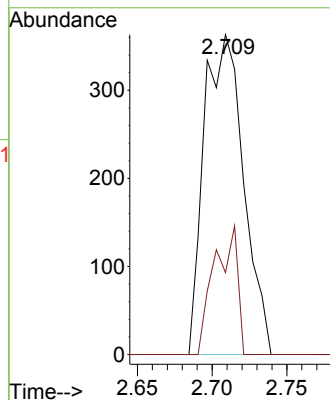
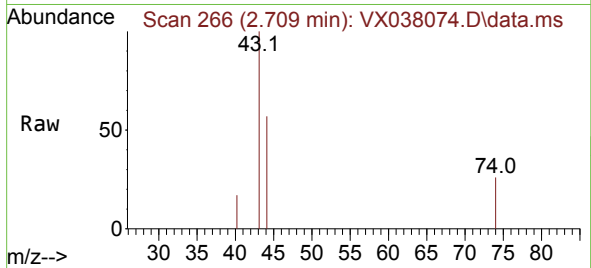




#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

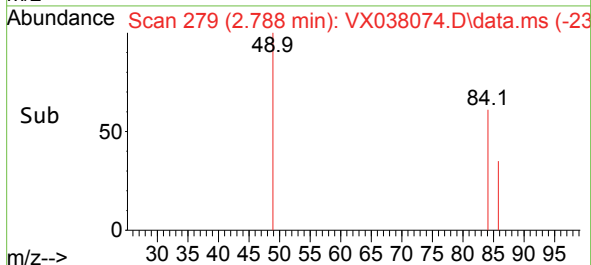
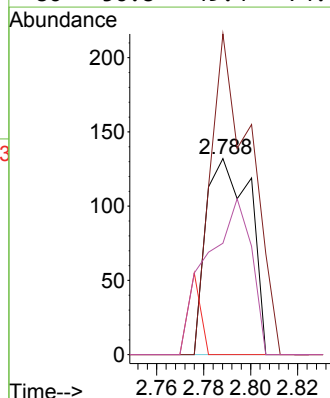
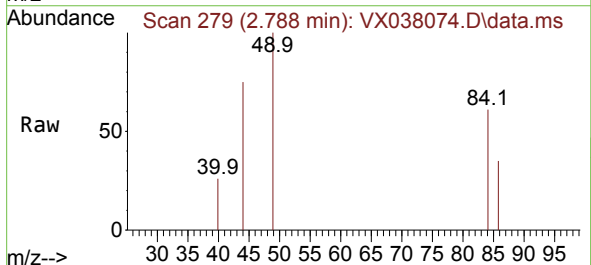
Instrument :
MSVOA_X
ClientSampleId :

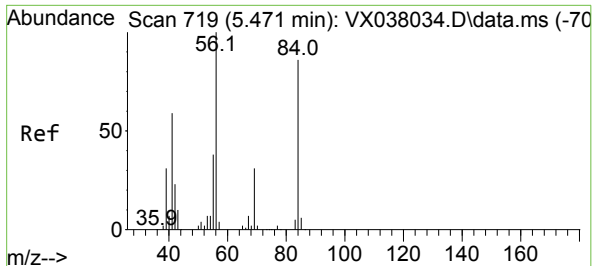
Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

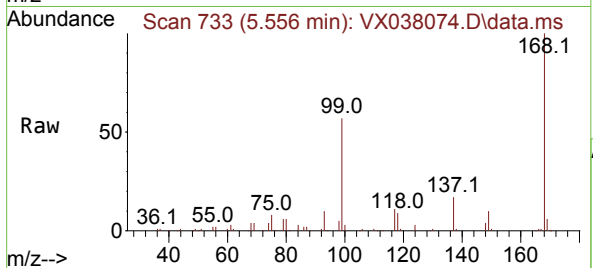
Tgt Ion: 84 Resp: 172
Ion Ratio Lower Upper
84 100
49 163.6 103.6 155.4#
51 0.0 33.8 50.6#
86 56.8 49.4 74.0



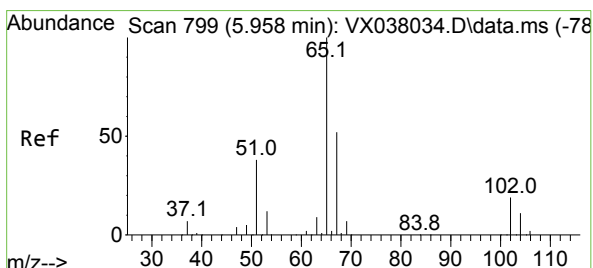
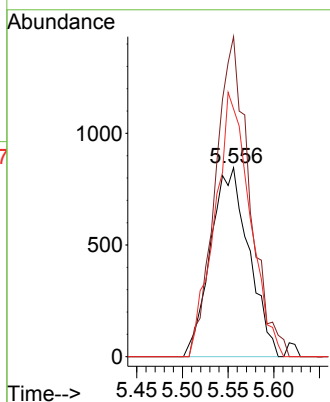
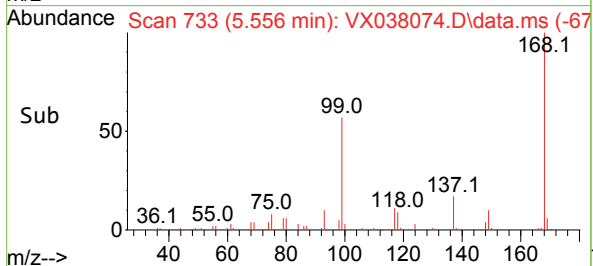


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :

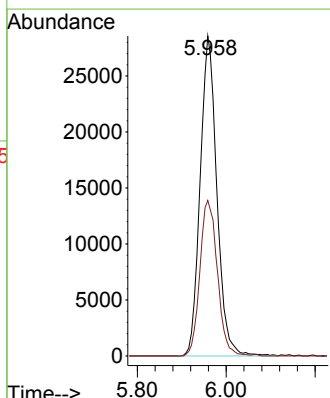
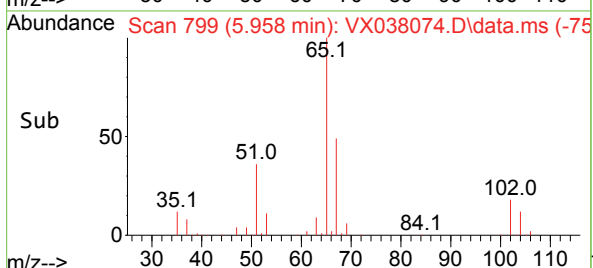
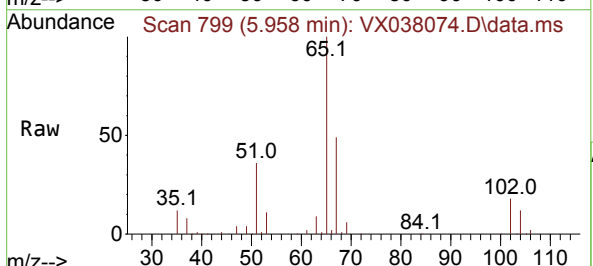


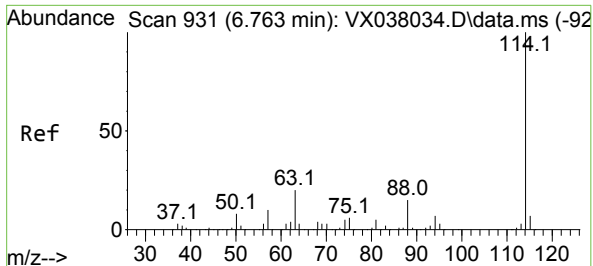
Tgt Ion: 56 Resp: 2469
Ion Ratio Lower Upper
56 100
69 169.4 23.4 35.2#
84 131.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.664 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Tgt Ion: 65 Resp: 74904
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

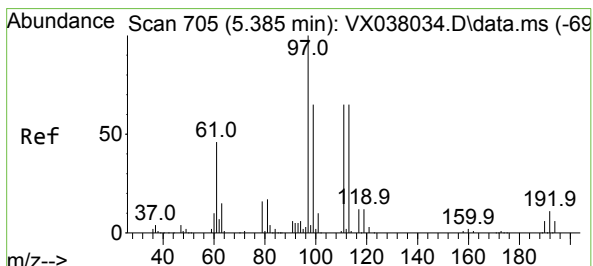
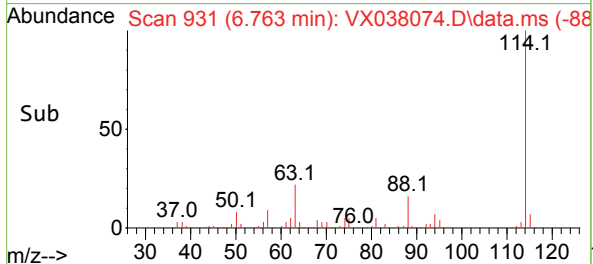
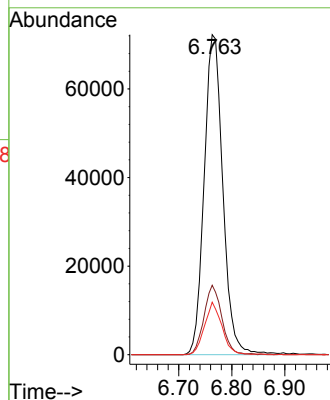
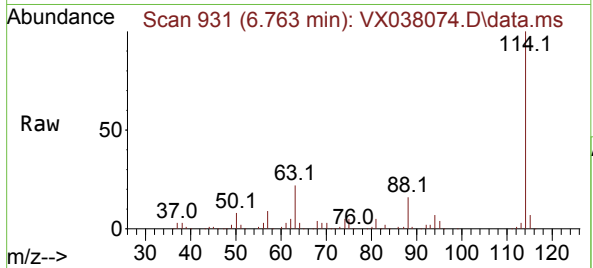




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

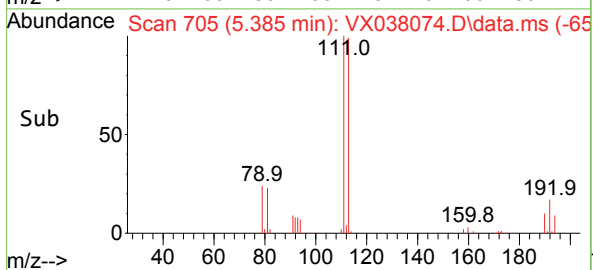
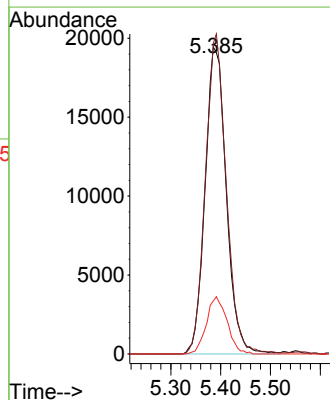
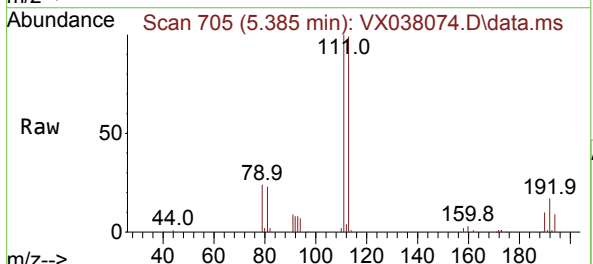
Instrument :
MSVOA_X
ClientSampleId :

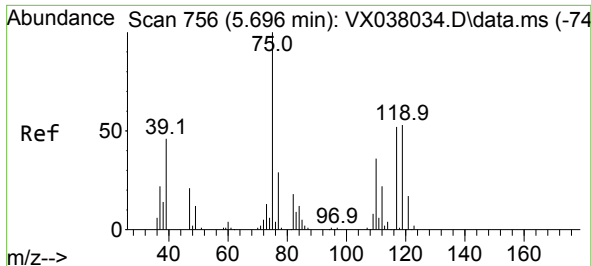
Tgt Ion:114 Resp: 177017
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.399 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

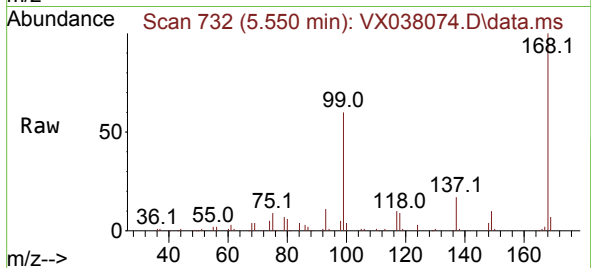
Tgt Ion:113 Resp: 57562
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.1 13.3 19.9



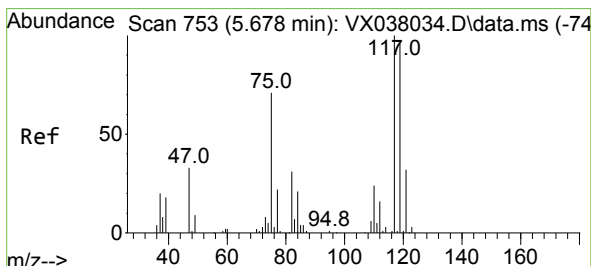
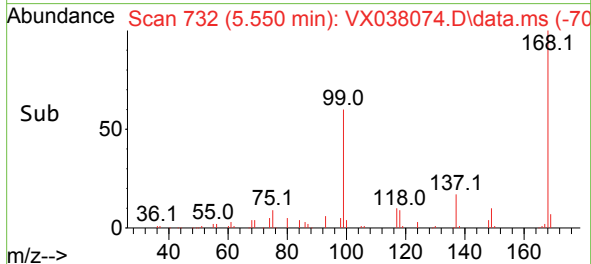
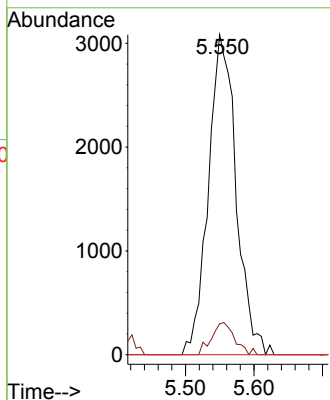


#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :

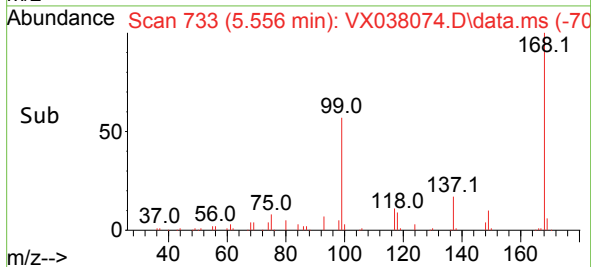
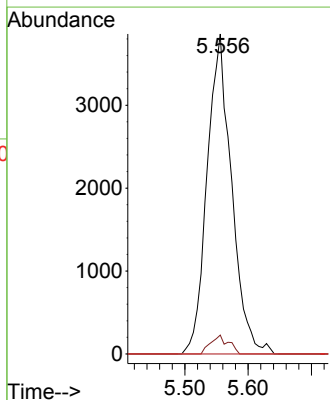
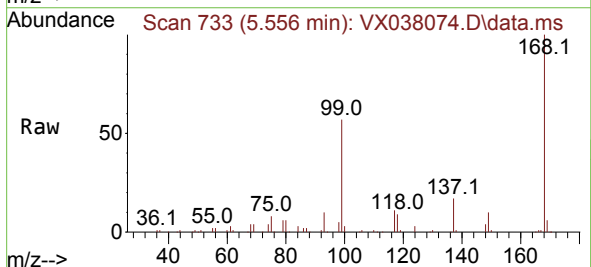


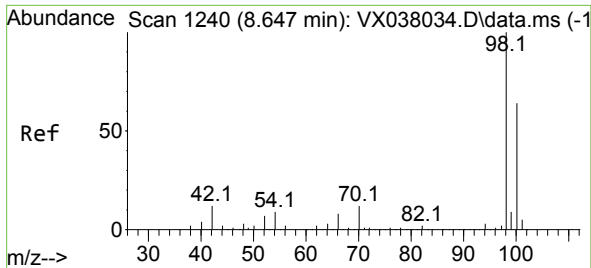
Tgt Ion: 75 Resp: 8687
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Tgt Ion: 117 Resp: 10375
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

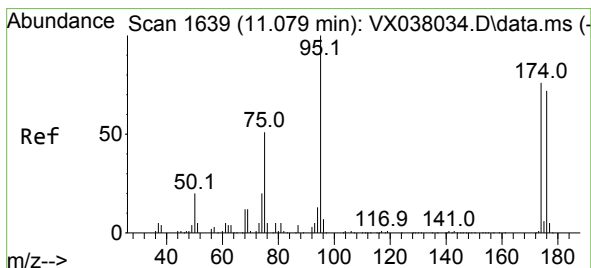
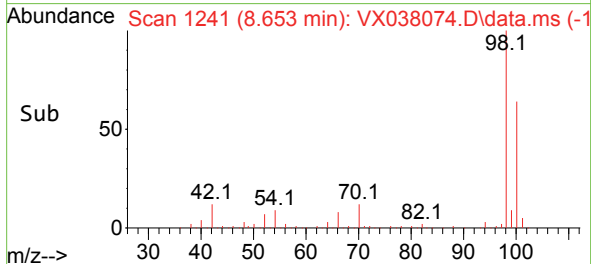
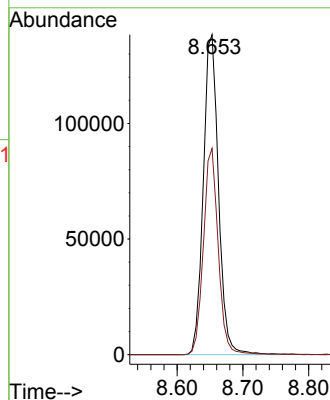
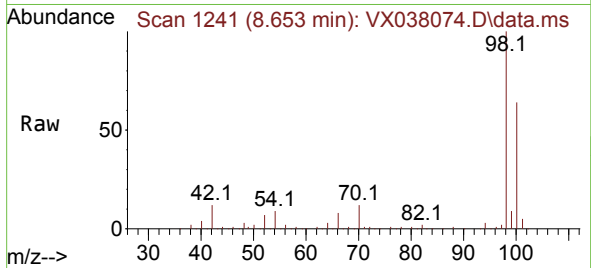




#50
Toluene-d8
Concen: 47.951 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

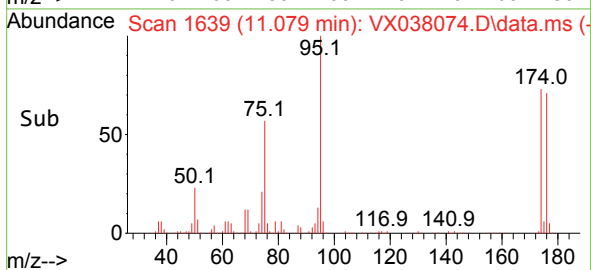
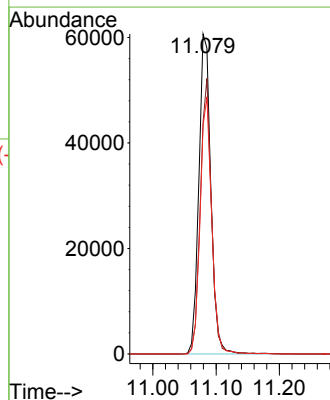
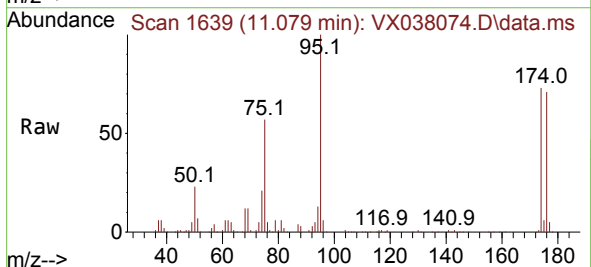
Instrument :
MSVOA_X
ClientSampleId :

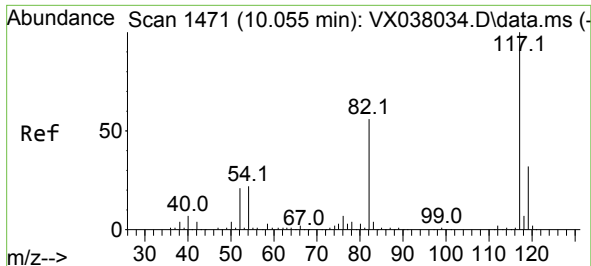
Tgt Ion: 98 Resp: 222856
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

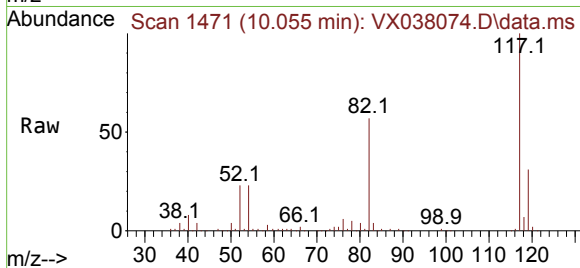
Tgt Ion: 95 Resp: 80259
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 77.6 0.0 131.0



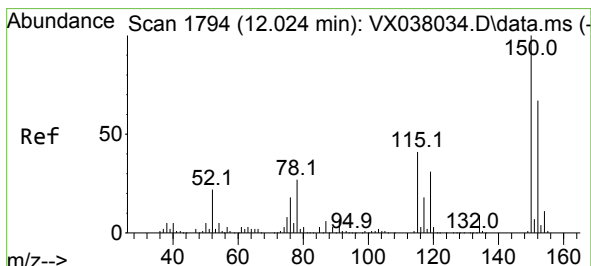
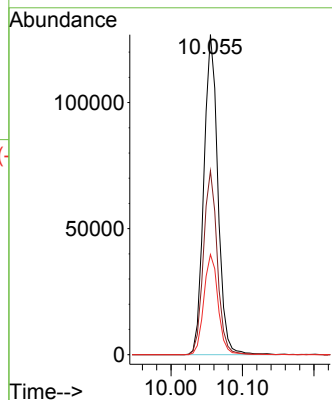
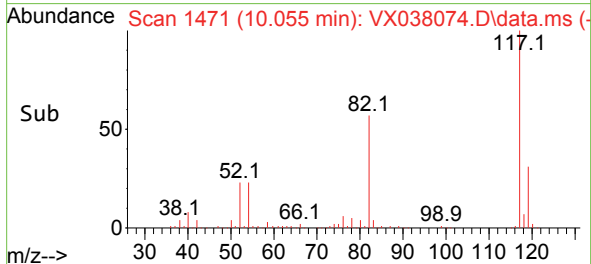


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :

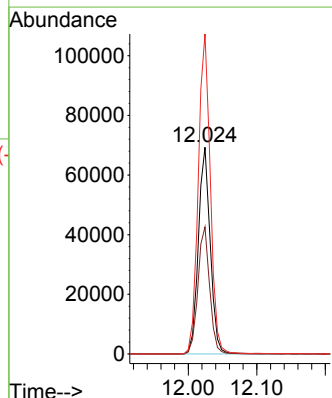
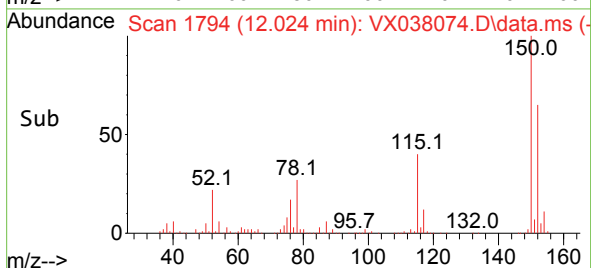
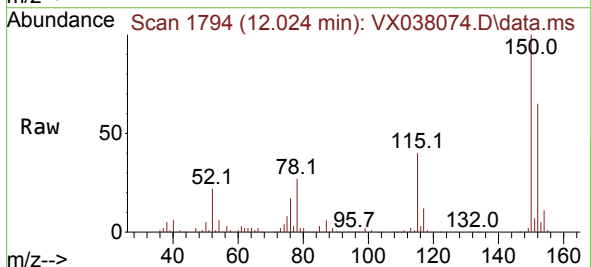


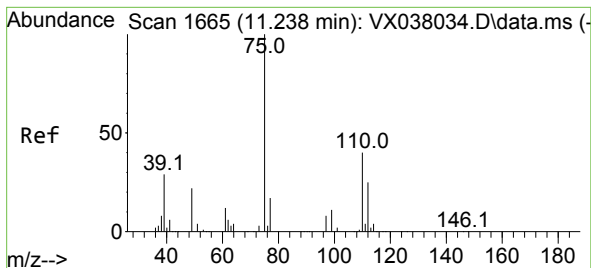
Tgt Ion:117 Resp: 173106
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038074.D
Acq: 04 Oct 2023 18:42

Tgt Ion:152 Resp: 83931
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.851 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX038074.D

Acq: 04 Oct 2023 18:42

Instrument :

MSVOA_X

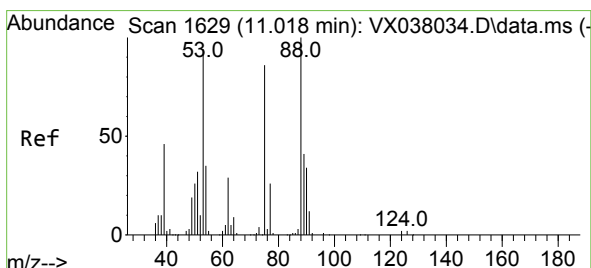
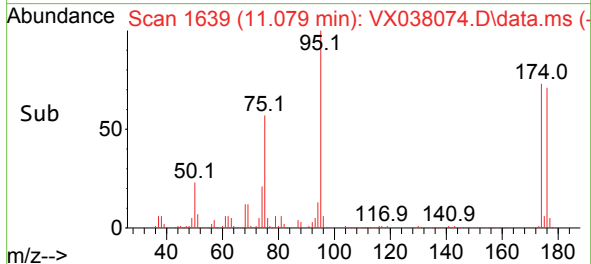
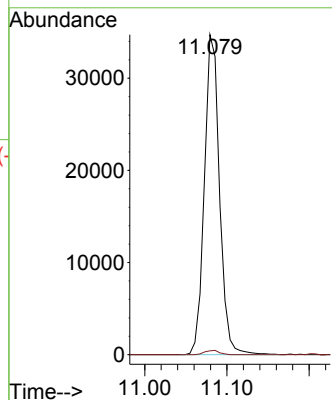
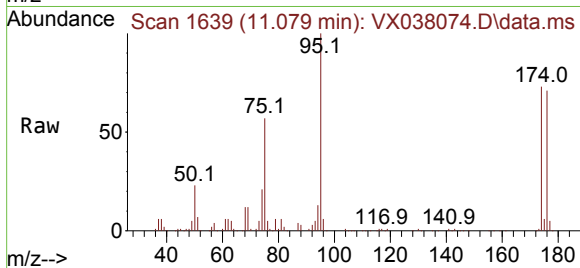
ClientSampleId :

Tgt Ion: 75 Resp: 44429

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.174 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038074.D

Acq: 04 Oct 2023 18:42

Tgt Ion: 75 Resp: 44429

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

