

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038062.D
 Acq On : 04 Oct 2023 14:01
 Operator : JC/MD
 Sample : 04685-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:02:00 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)

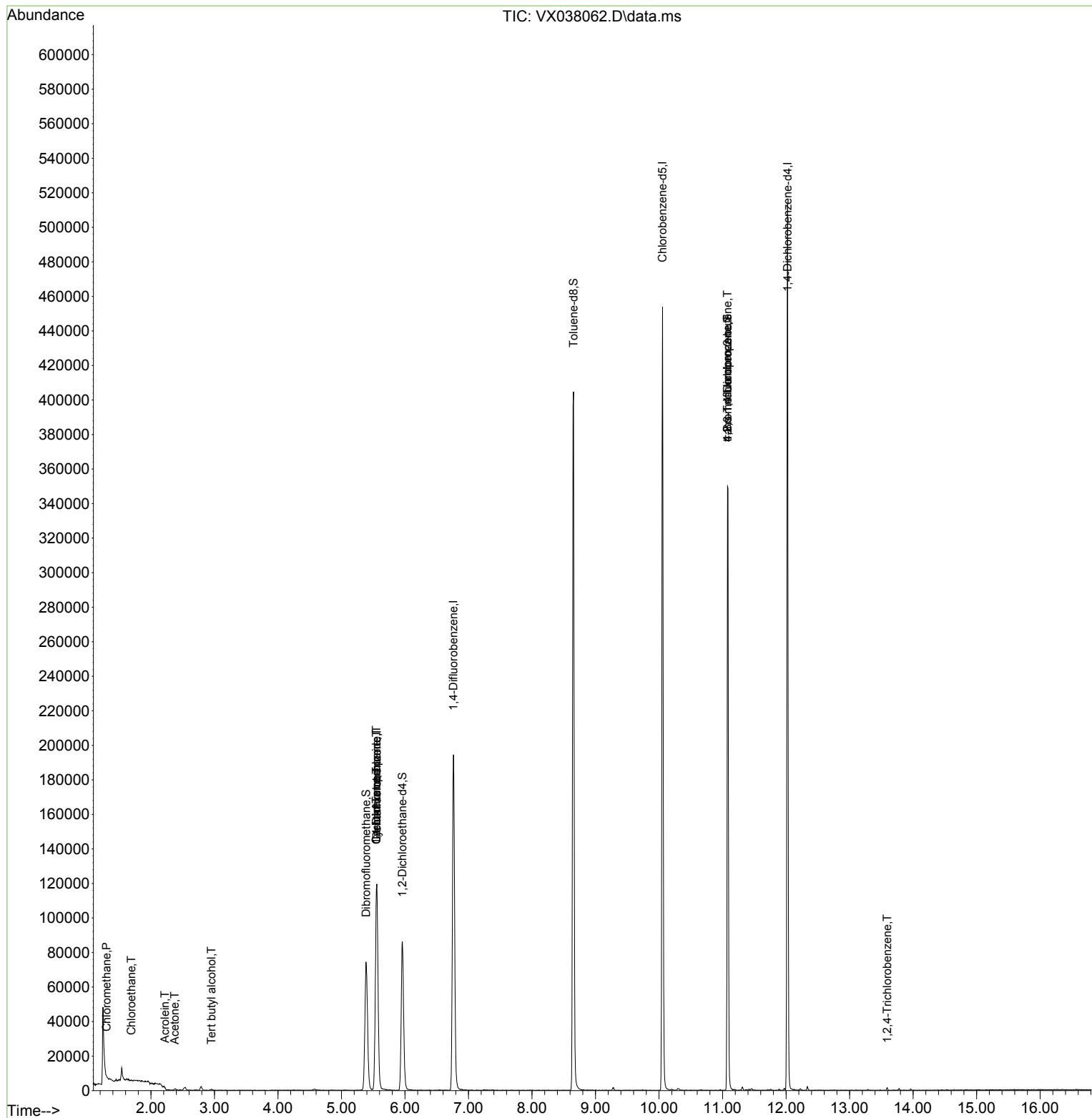
Internal Standards						
1) Pentafluorobenzene	5.556	168	111385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81426	46.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.385	113	63575	46.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.653	98	249118	47.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.079	95	91702	48.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	590	0.404	ug/l	91
6) Chloroethane	1.691	64	1230	1.242	ug/l #	63
11) Tert butyl alcohol	2.953	59	308	0.791	ug/l #	78
13) Acrolein	2.221	56	59	0.265	ug/l #	14
16) Acetone	2.373	43	999	1.313	ug/l #	77
31) Cyclohexane	5.550	56	2715	1.340	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	9728	4.841	ug/l #	47
38) Carbon Tetrachloride	5.550	117	12042	6.158	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	52061	22.881	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52061	77.275	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	446	0.206	ug/l	91

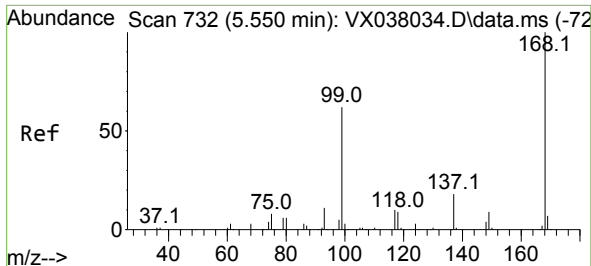
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 05 01:02:00 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

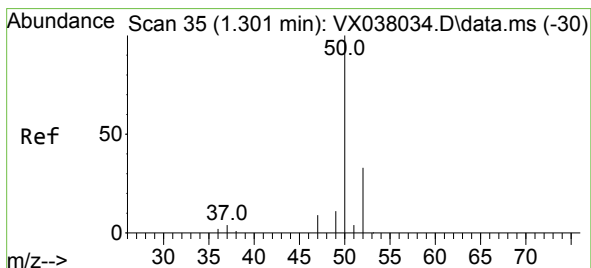
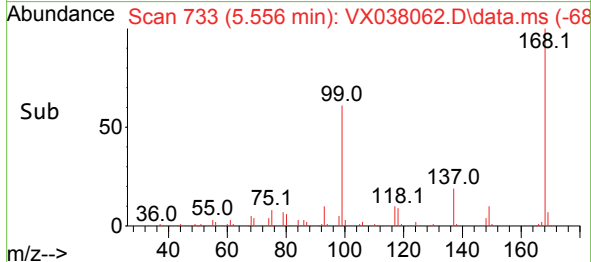
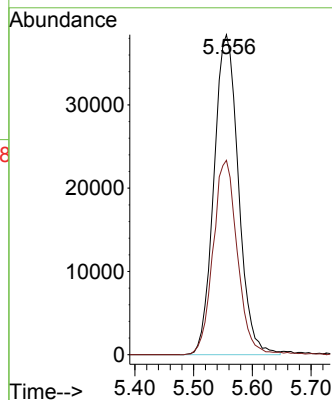
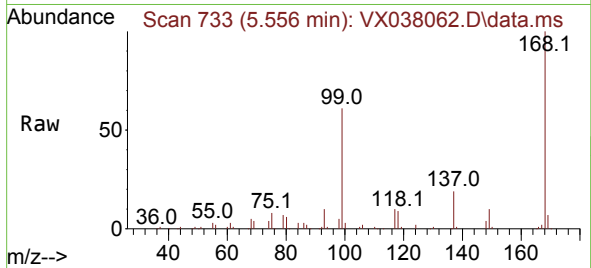




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

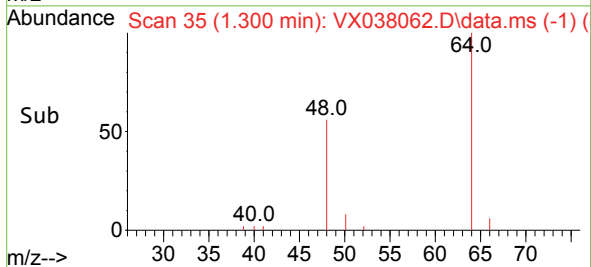
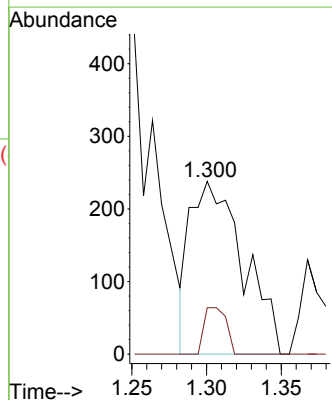
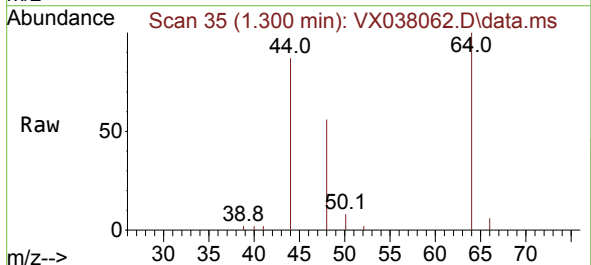
Instrument :
MSVOA_X
ClientSampleId :

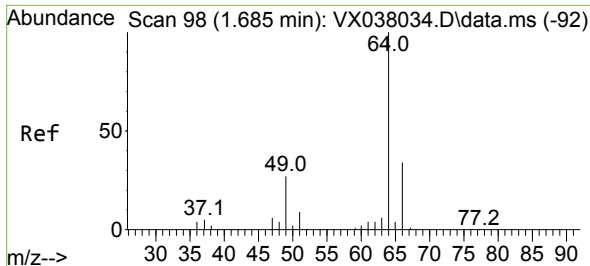
Tgt Ion:168 Resp: 111385
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#3
Chloromethane
Concen: 0.404 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

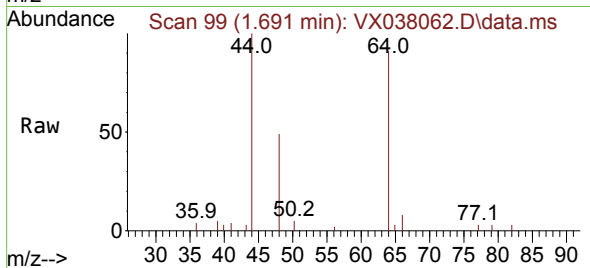
Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 26.9 25.5 38.3



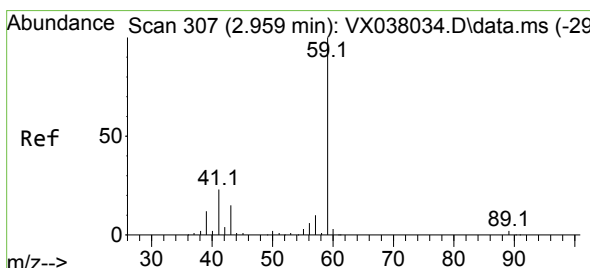
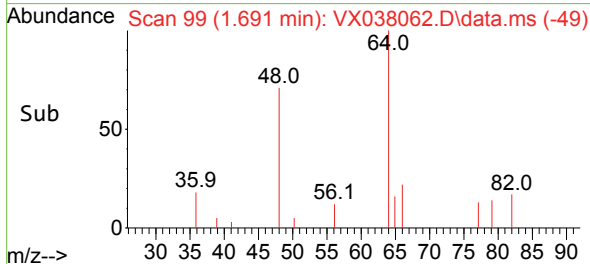
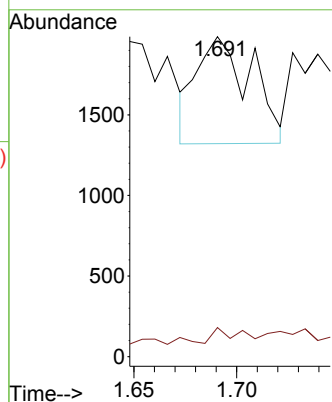


#6
Chloroethane
Concen: 1.242 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Instrument :
MSVOA_X
ClientSampleId :

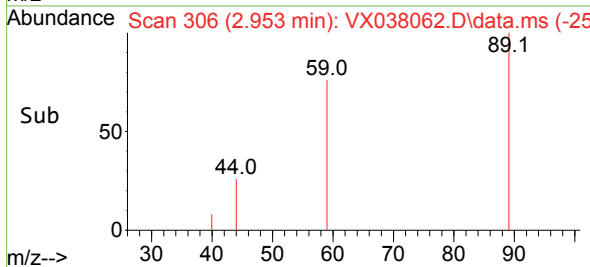
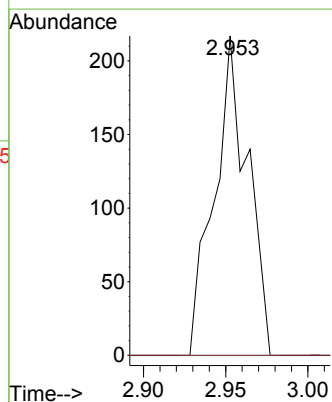
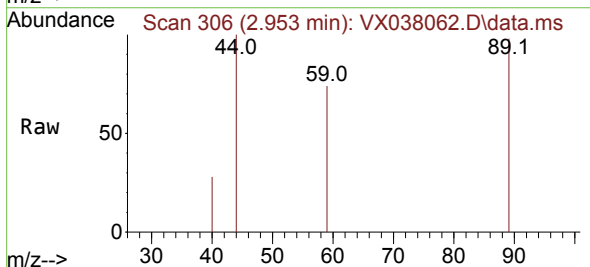


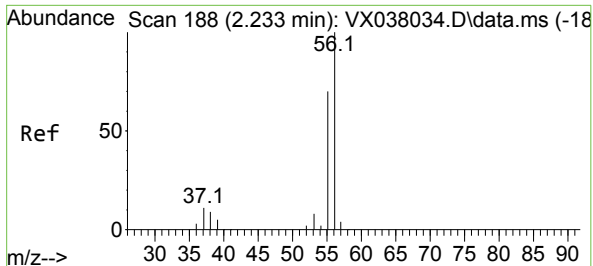
Tgt Ion: 64 Resp: 1230
Ion Ratio Lower Upper
64 100
66 10.9 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.791 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

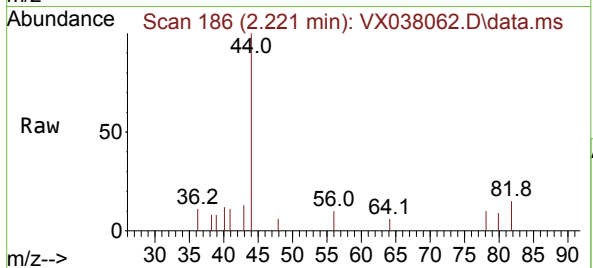
Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



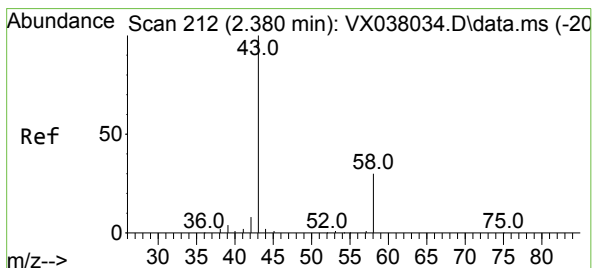
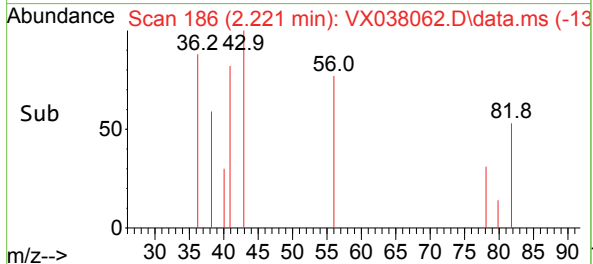
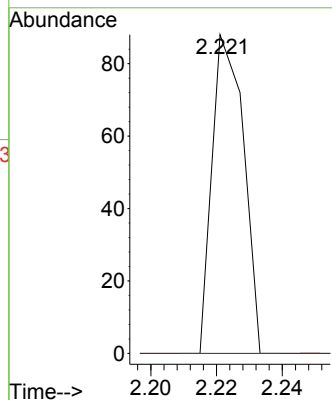


#13
Acrolein
Concen: 0.265 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Instrument :
MSVOA_X
ClientSampleId :

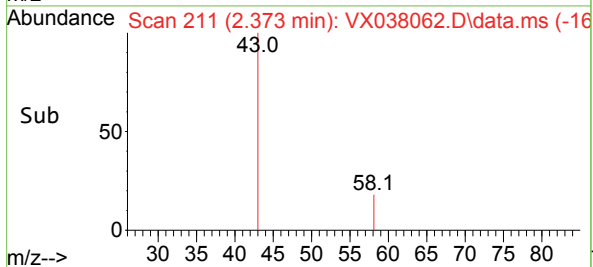
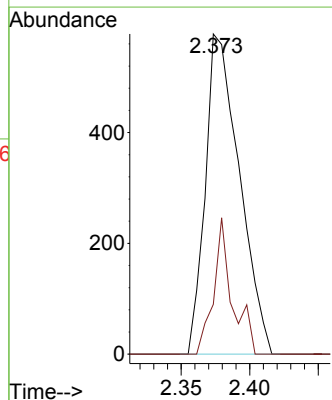
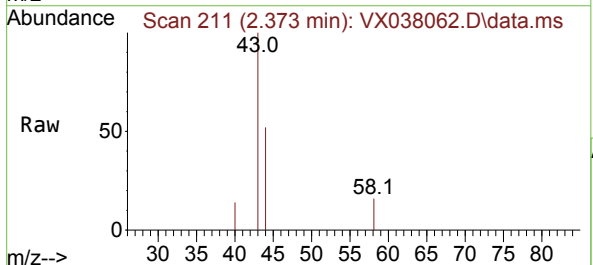


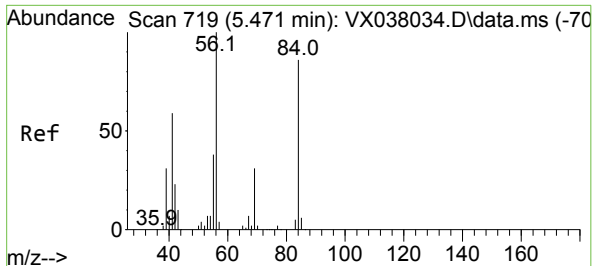
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.313 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

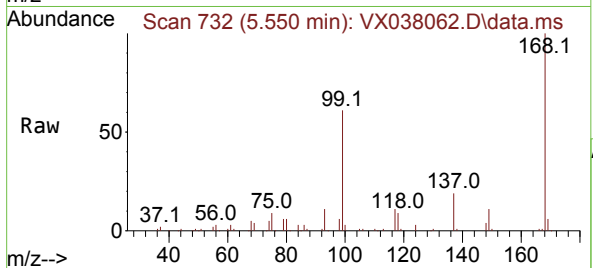
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 15.6 21.9 32.9#



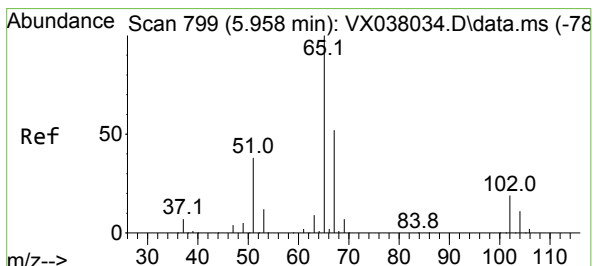
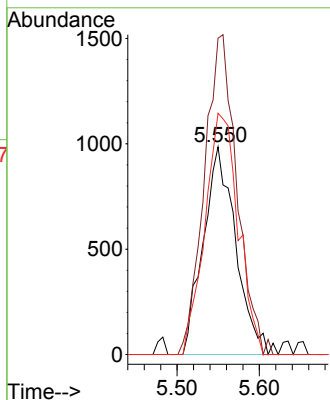
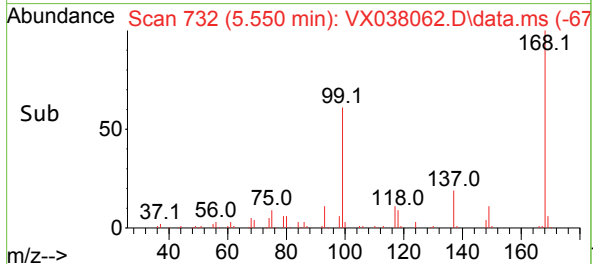


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Instrument :
MSVOA_X
ClientSampleId :

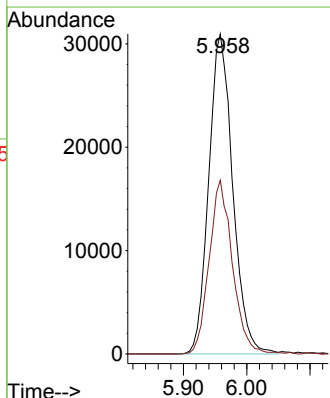
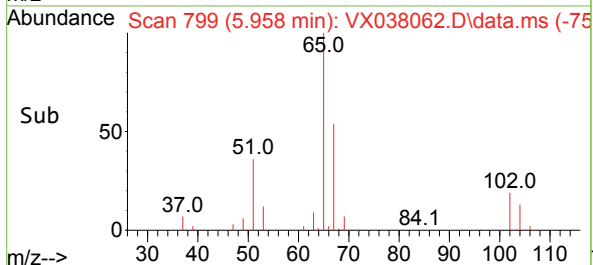
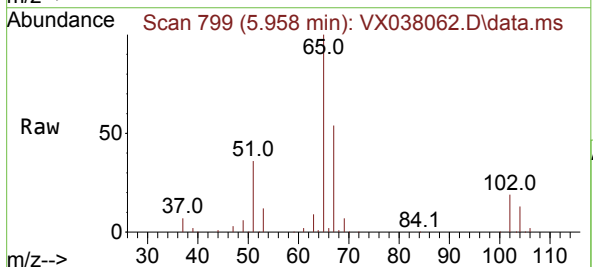


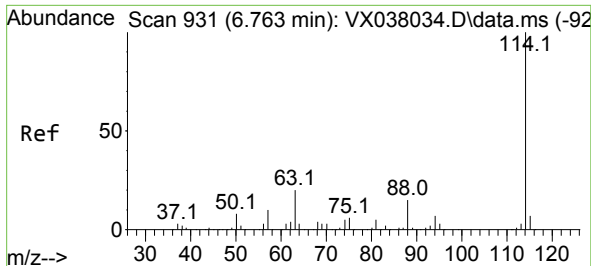
Tgt Ion: 56 Resp: 2715
Ion Ratio Lower Upper
56 100
69 152.2 23.4 35.2#
84 116.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.983 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Tgt Ion: 65 Resp: 81426
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

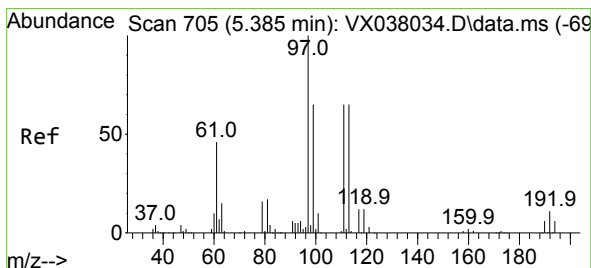
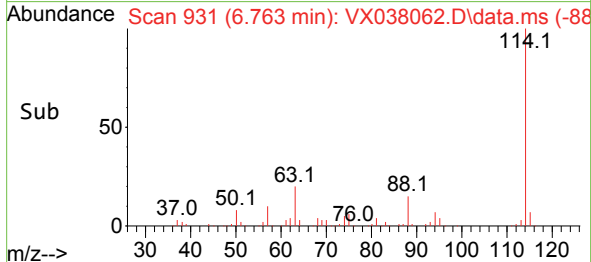
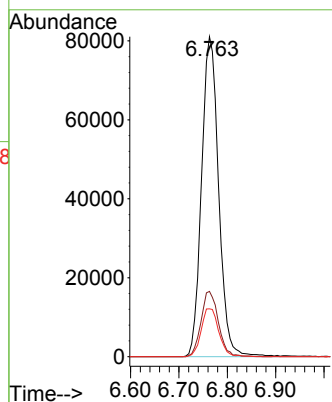
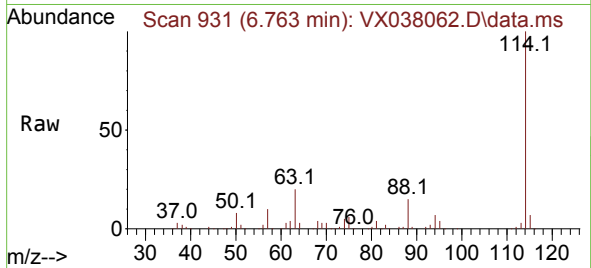




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

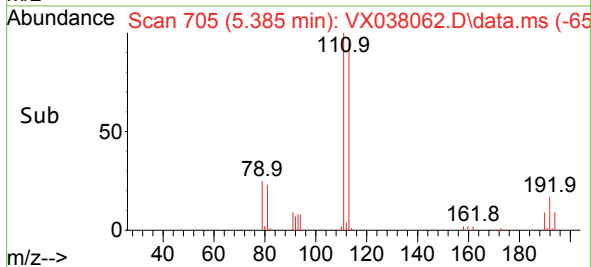
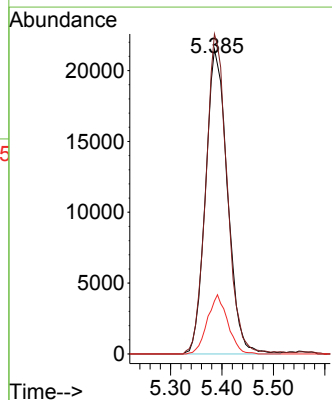
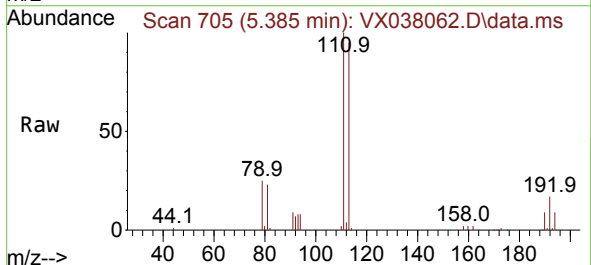
Instrument :
MSVOA_X
ClientSampleId :

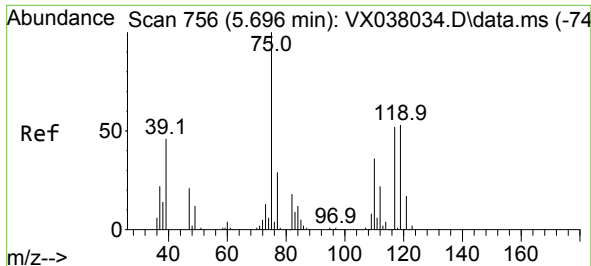
Tgt Ion:114 Resp: 198779
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.619 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Tgt Ion:113 Resp: 63575
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9

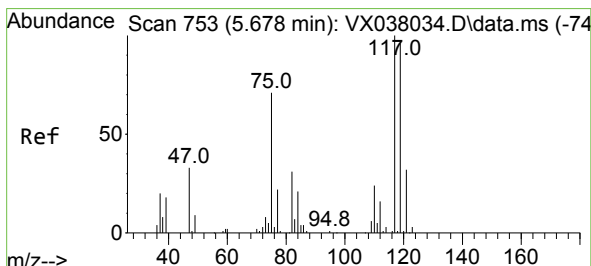
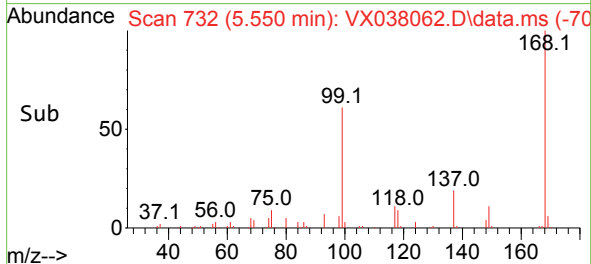
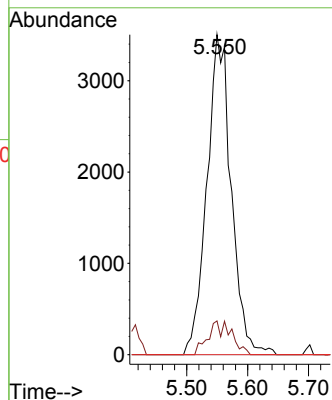
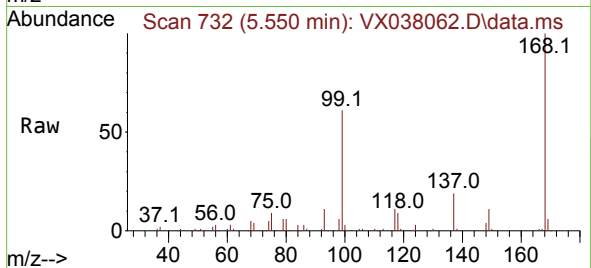




#36
1,1-Dichloropropene
Concen: 4.841 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

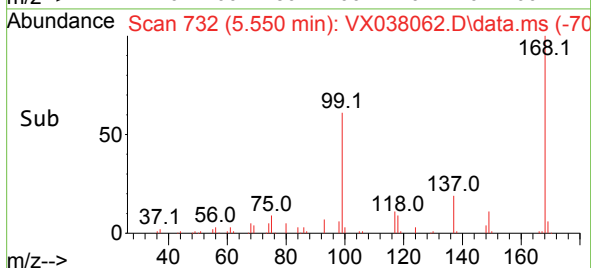
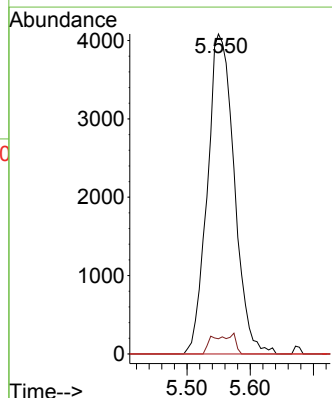
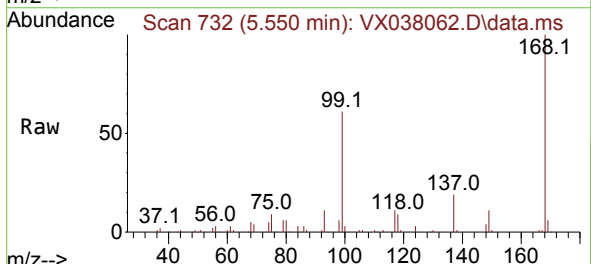
Instrument :
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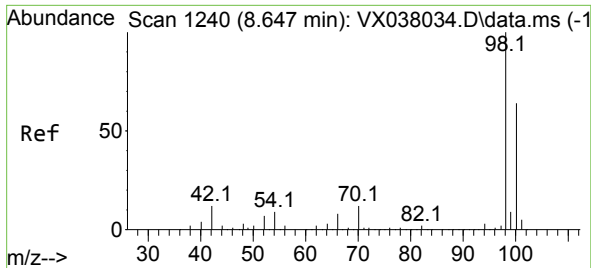
Tgt Ion: 75 Resp: 9728
Ion Ratio Lower Upper
75 100
110 5.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.158 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Tgt Ion: 117 Resp: 12042
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

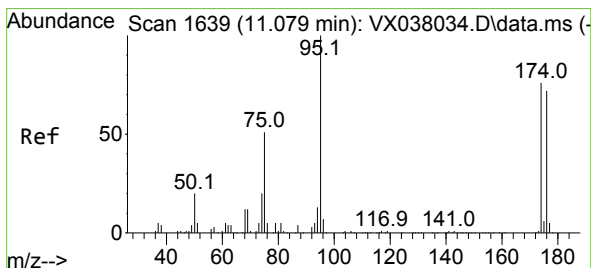
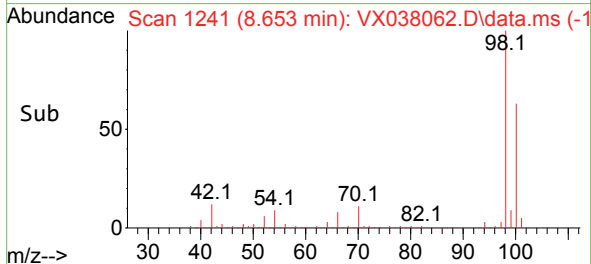
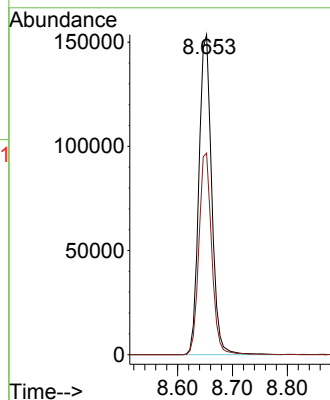
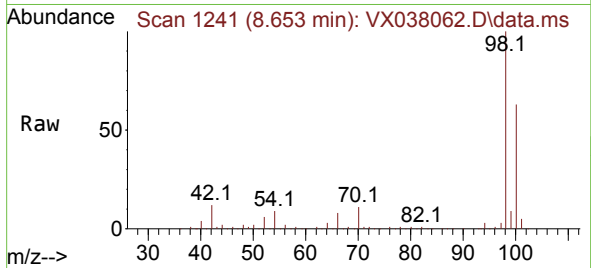




#50
Toluene-d8
Concen: 47.734 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

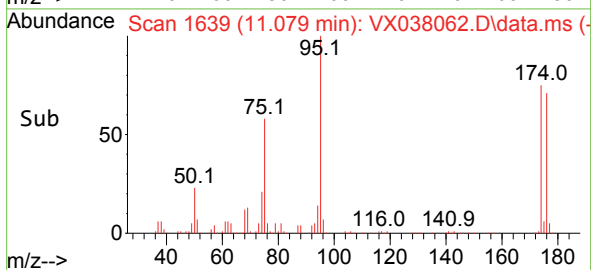
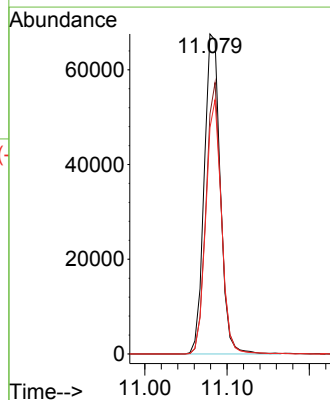
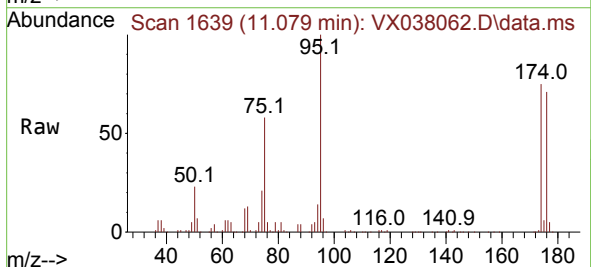
Instrument :
MSVOA_X
ClientSampleId :

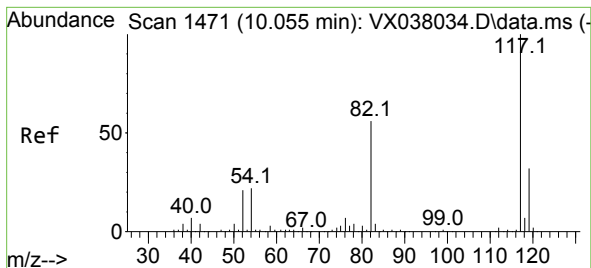
Tgt Ion: 98 Resp: 249118
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

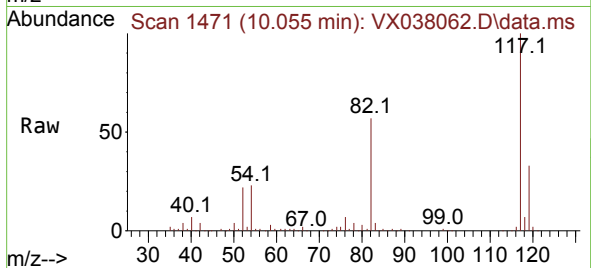
Tgt Ion: 95 Resp: 91702
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 77.3 0.0 131.0



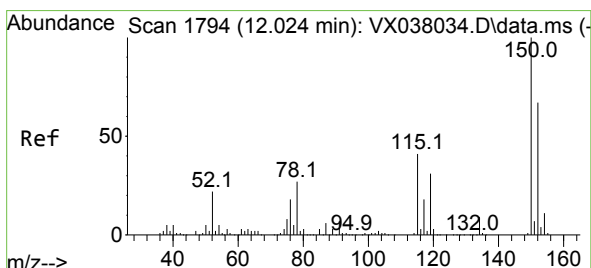
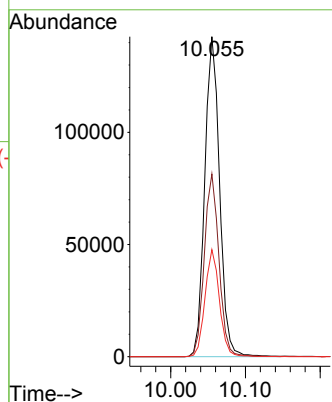
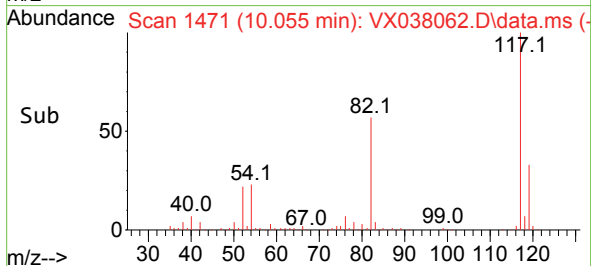


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

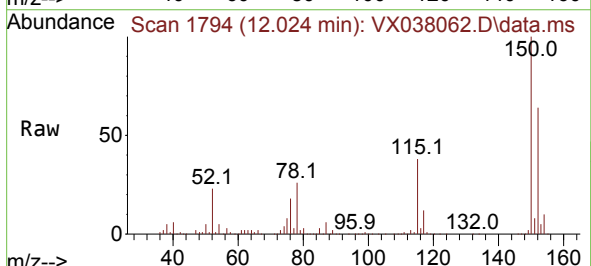
Instrument :
MSVOA_X
ClientSampleId :



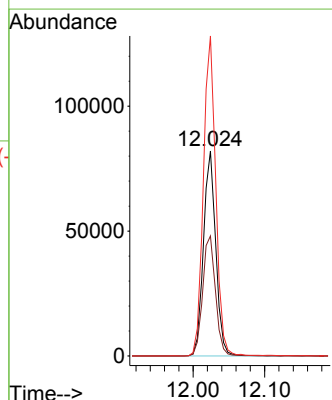
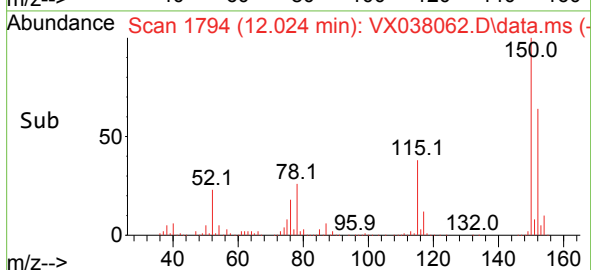
Tgt Ion:117 Resp: 196625
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 33.4 25.5 38.3

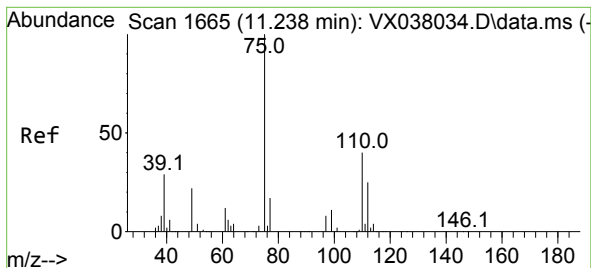


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01



Tgt Ion:152 Resp: 98220
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 156.6 0.0 345.0

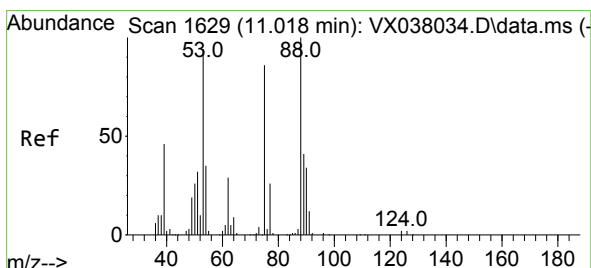
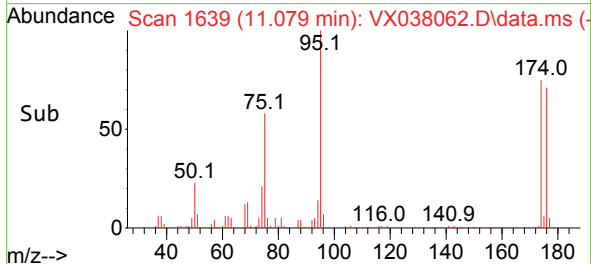
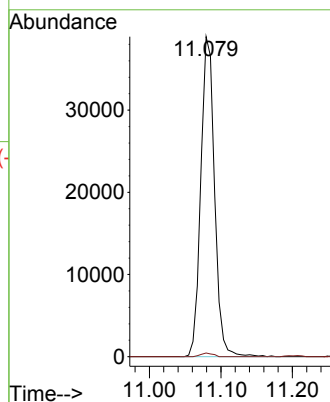
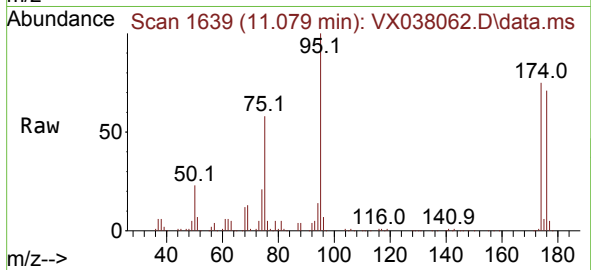




#76
1,2,3-Trichloropropane
Concen: 22.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

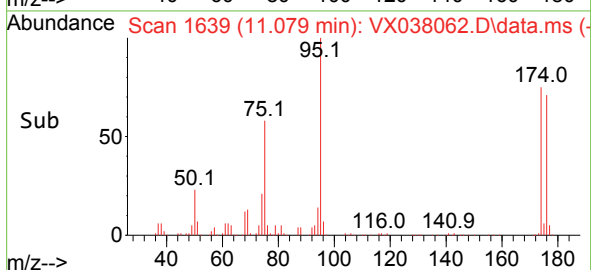
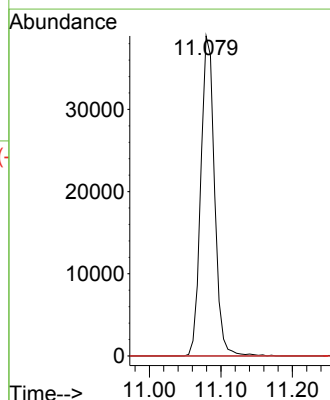
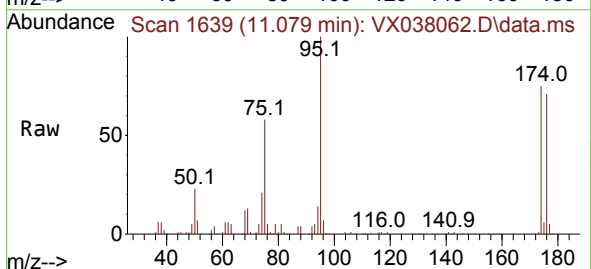
Instrument :
MSVOA_X
ClientSampleId :

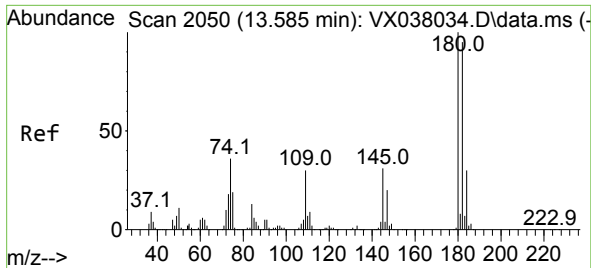
Tgt Ion: 75 Resp: 52061
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038062.D
Acq: 04 Oct 2023 14:01

Tgt Ion: 75 Resp: 52061
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.206 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

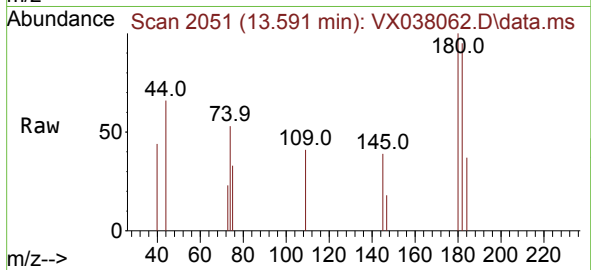
Lab File: VX038062.D

Acq: 04 Oct 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 446

Ion Ratio Lower Upper

180 100

182 100.9 48.3 144.8

145 23.8 18.0 54.0

