

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038060.D
 Acq On : 04 Oct 2023 13:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:01:18 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)

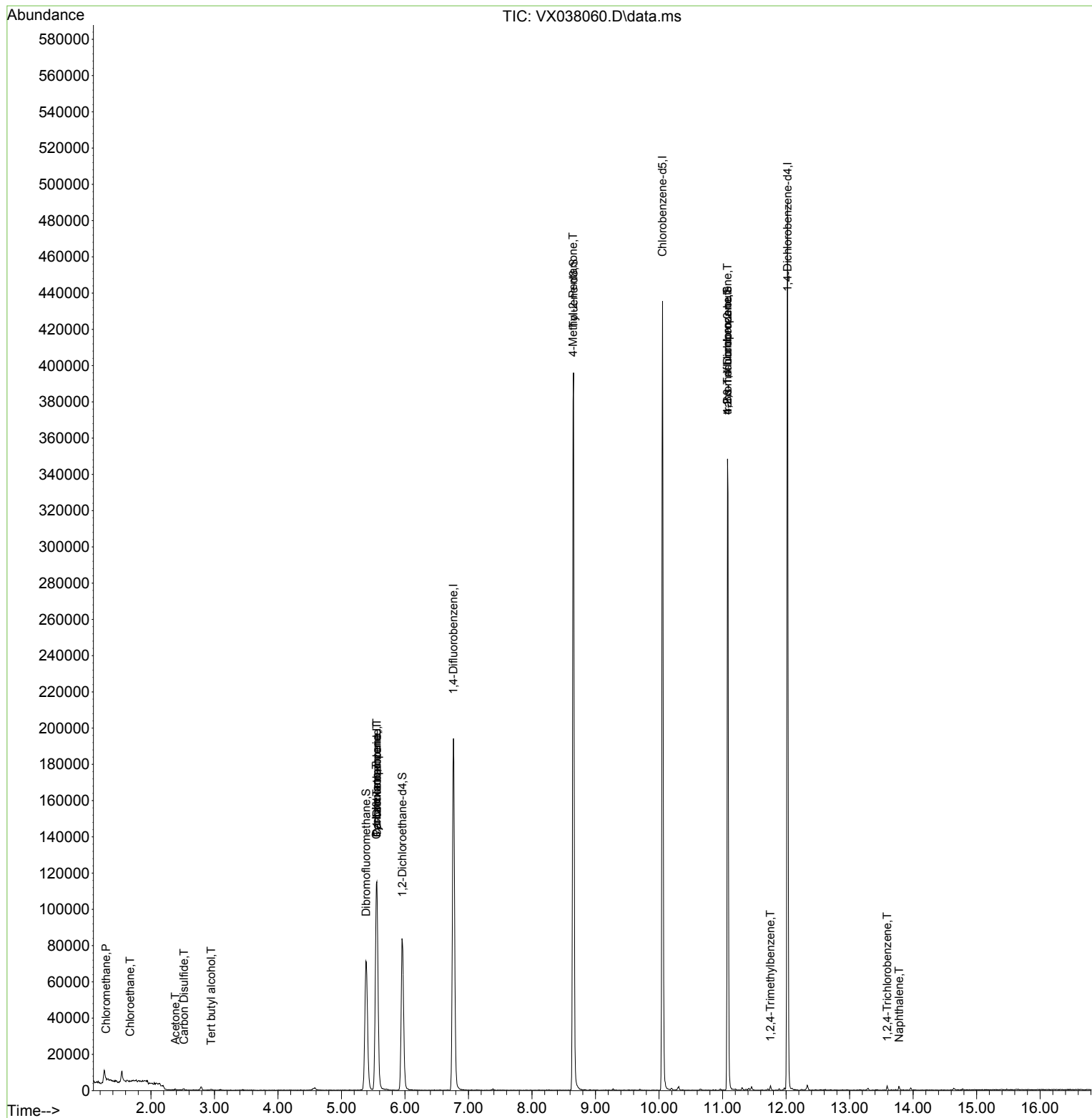
Internal Standards						
1) Pentafluorobenzene	5.556	168	108907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81292	47.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.940%		
35) Dibromofluoromethane	5.385	113	62410	46.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	8.652	98	243162	47.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	89305	48.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	294	0.206	ug/l #	43
6) Chloroethane	1.672	64	397	0.410	ug/l #	45
11) Tert butyl alcohol	2.946	59	262	0.688	ug/l #	78
16) Acetone	2.385	43	531	0.714	ug/l #	85
17) Carbon Disulfide	2.519	76	862	0.296	ug/l #	83
31) Cyclohexane	5.549	56	2911	1.469	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	9691	4.946	ug/l #	45
38) Carbon Tetrachloride	5.556	117	11656	6.113	ug/l #	14
51) 4-Methyl-2-Pentanone	8.646	43	1038	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49314	22.467	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49314	75.875	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1248	0.226	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	627	0.300	ug/l	82
95) Naphthalene	13.780	128	1759	0.250	ug/l #	94

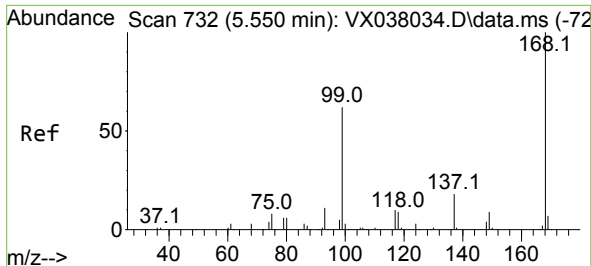
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 04 09:08:35 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX038060.D

Acq: 04 Oct 2023 13:15

Instrument :

MSVOA_X

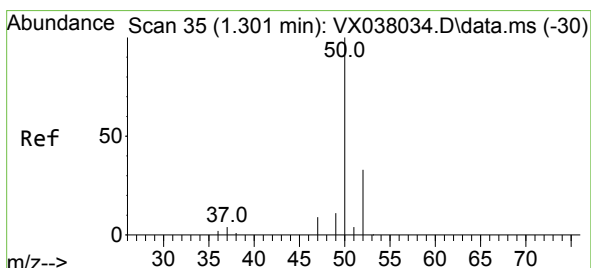
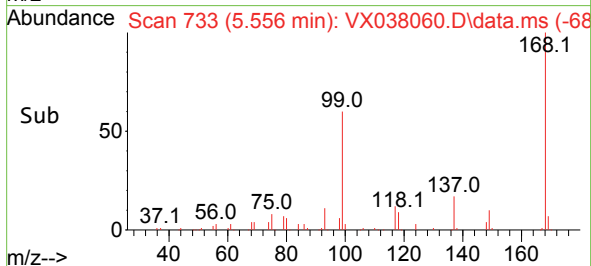
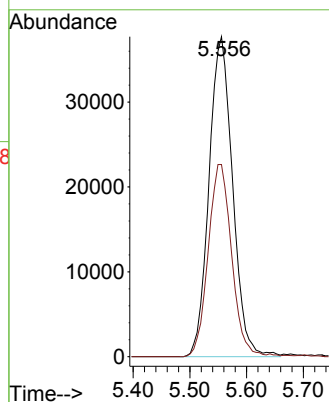
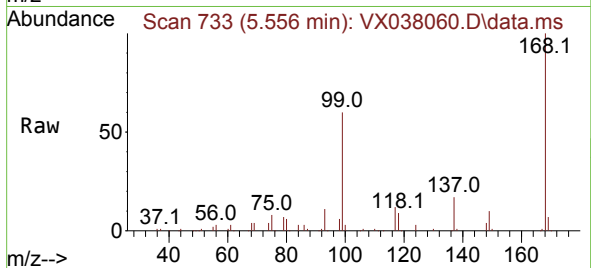
ClientSampleId :

Tgt Ion:168 Resp: 108907

Ion Ratio Lower Upper

168 100

99 60.0 56.6 85.0



#3

Chloromethane

Concen: 0.206 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038060.D

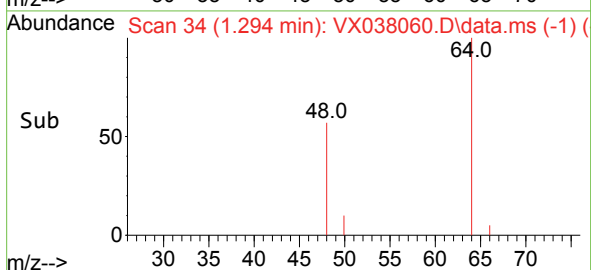
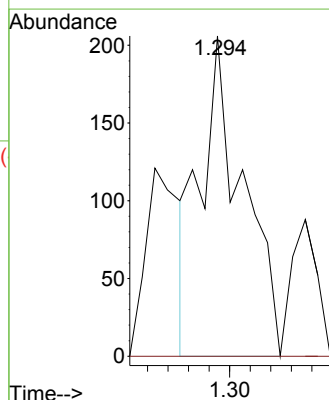
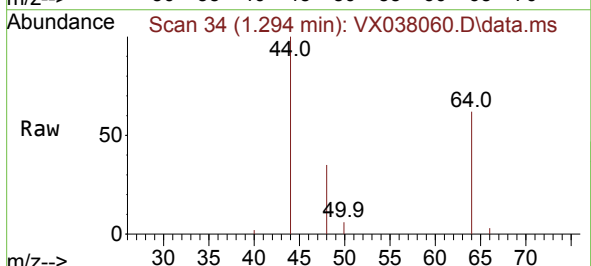
Acq: 04 Oct 2023 13:15

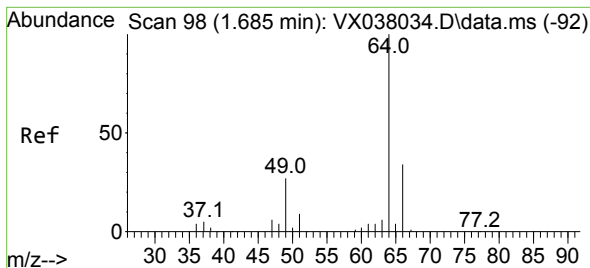
Tgt Ion: 50 Resp: 294

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#





#6

Chloroethane

Concen: 0.410 ug/l

RT: 1.672 min Scan# 90

Delta R.T. -0.013 min

Lab File: VX038060.D

Acq: 04 Oct 2023 13:15

Instrument :

MSVOA_X

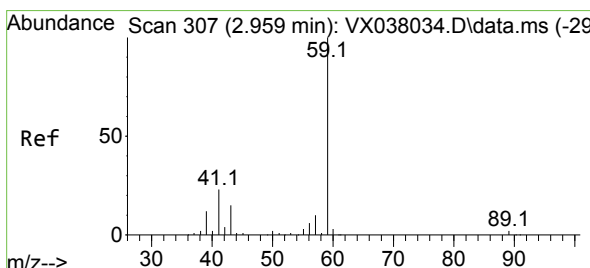
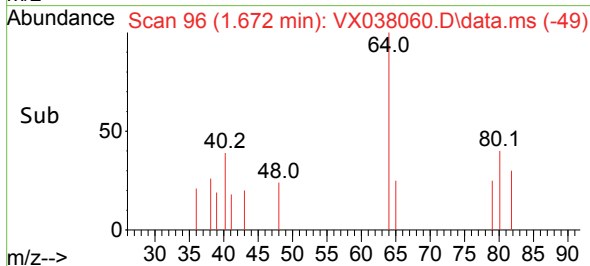
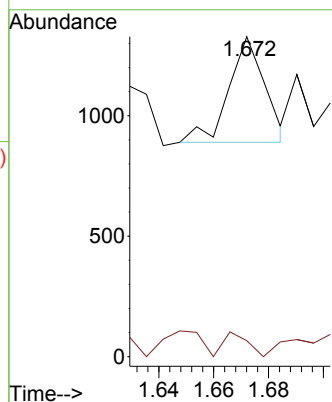
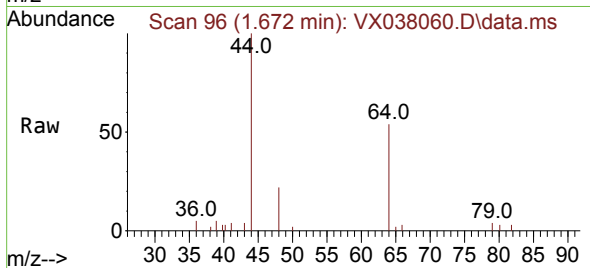
ClientSampleId :

Tgt Ion: 64 Resp: 397

Ion Ratio Lower Upper

64 100

66 1.1 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.688 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.013 min

Lab File: VX038060.D

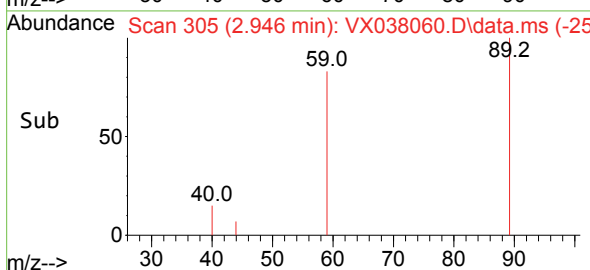
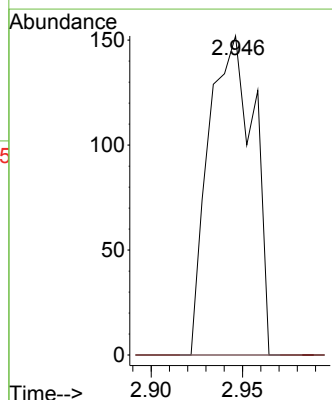
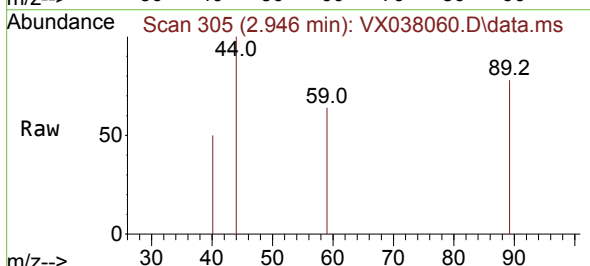
Acq: 04 Oct 2023 13:15

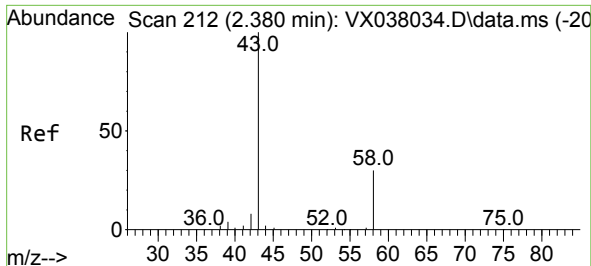
Tgt Ion: 59 Resp: 262

Ion Ratio Lower Upper

59 100

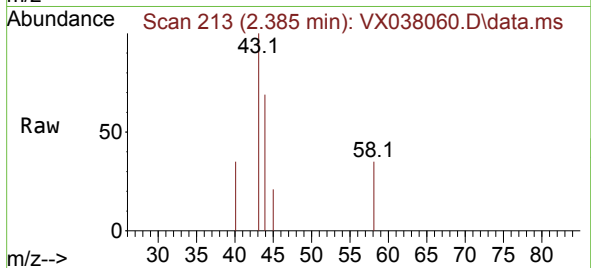
57 0.0 6.0 9.0#



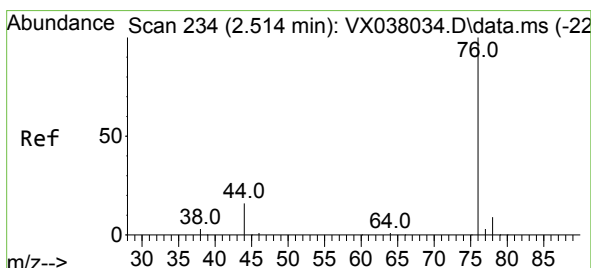
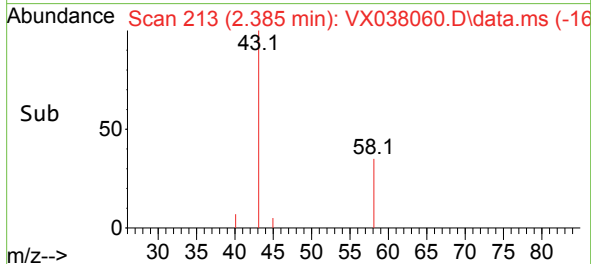
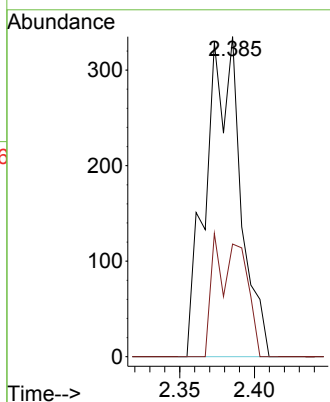


#16
Acetone
Concen: 0.714 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

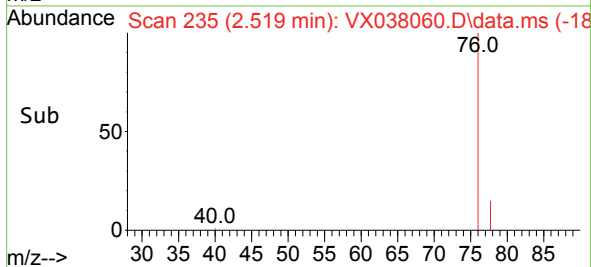
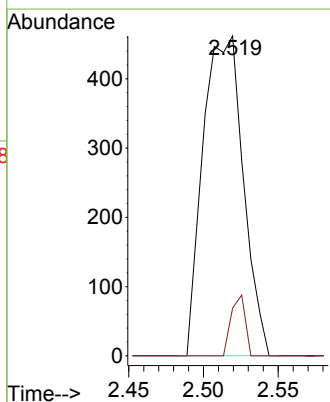
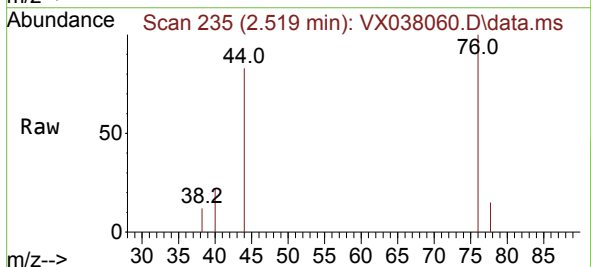


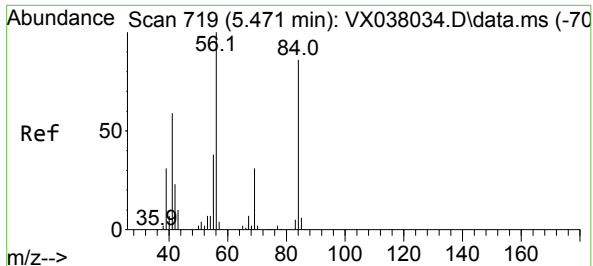
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.296 ug/l
RT: 2.519 min Scan# 235
Delta R.T. 0.005 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

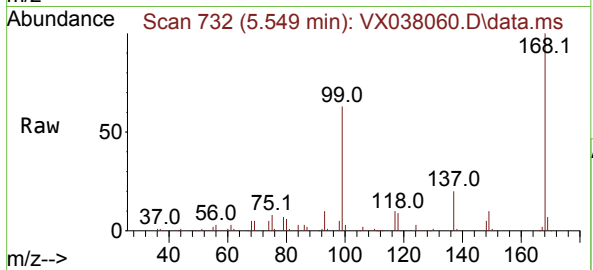
Tgt Ion: 76 Resp: 862
Ion Ratio Lower Upper
76 100
78 14.9 7.0 10.6#



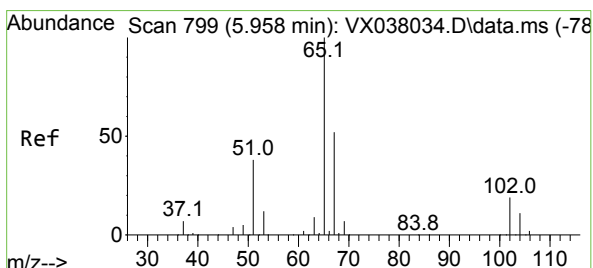
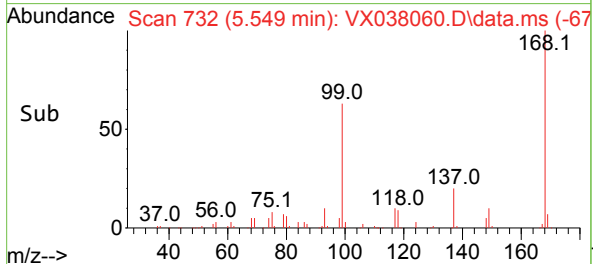
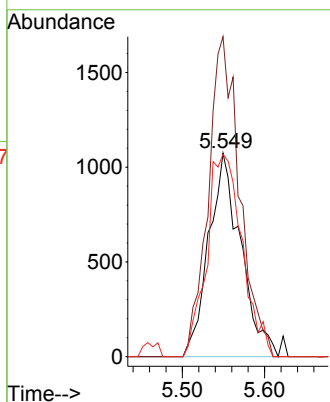


#31
Cyclohexane
Concen: 1.469 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

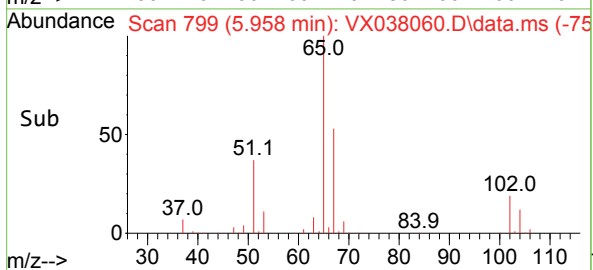
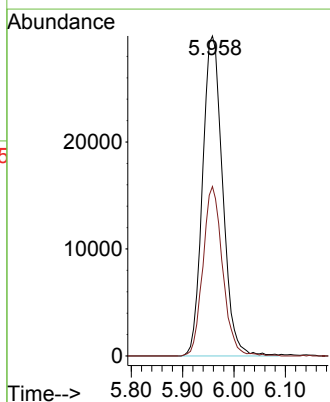
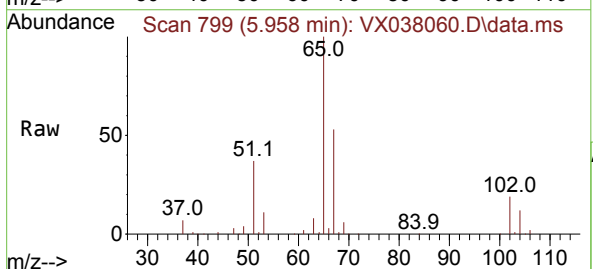


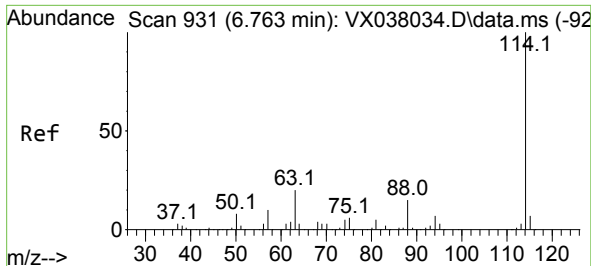
Tgt Ion: 56 Resp: 2911
Ion Ratio Lower Upper
56 100
69 157.3 23.4 35.2#
84 99.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.973 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

Tgt Ion: 65 Resp: 81292
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

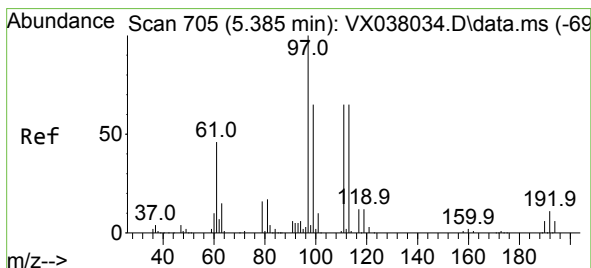
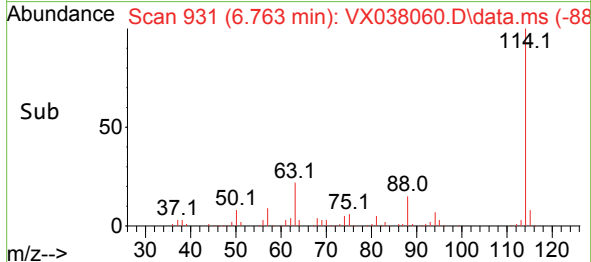
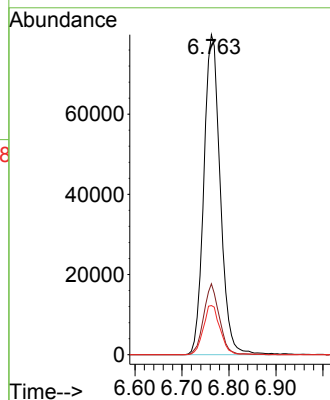
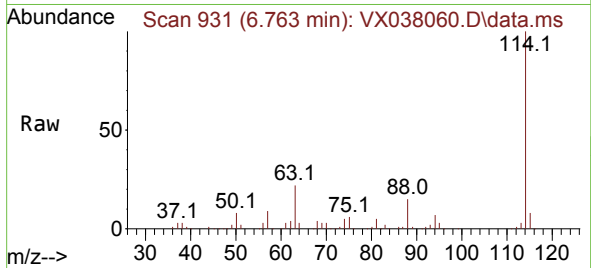




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

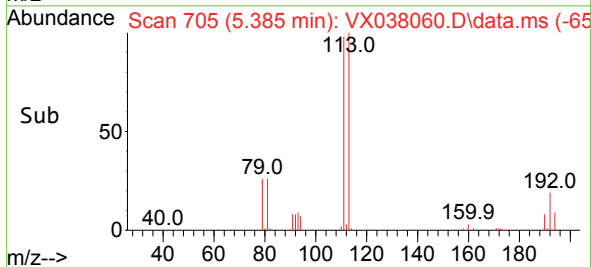
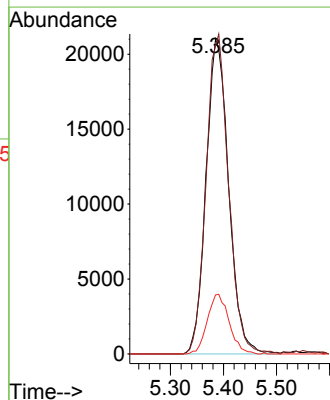
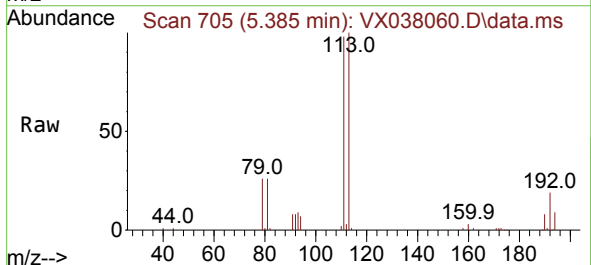
Instrument :
MSVOA_X
ClientSampleId :

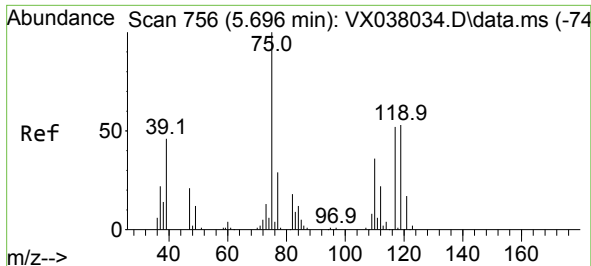
Tgt Ion:114 Resp: 193796
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.942 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

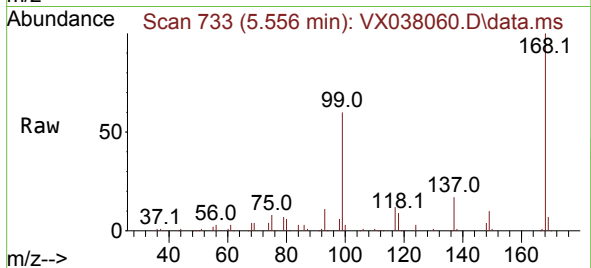
Tgt Ion:113 Resp: 62410
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 18.2 13.3 19.9



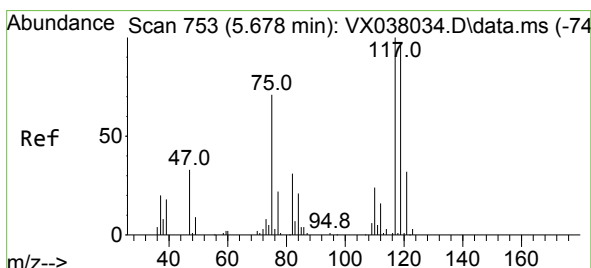
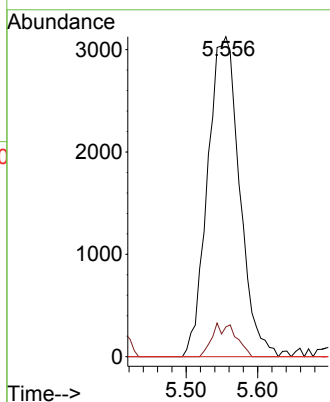
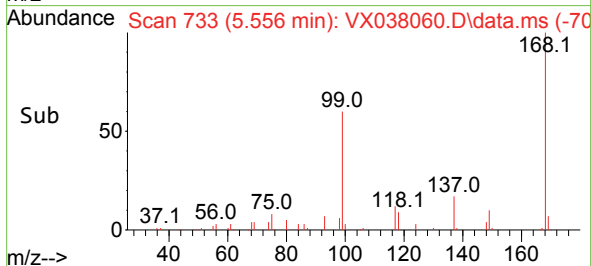


#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

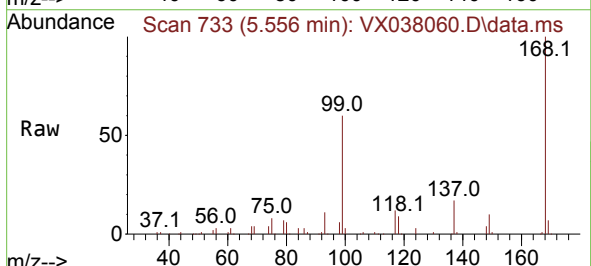
Instrument :
MSVOA_X
ClientSampleId :



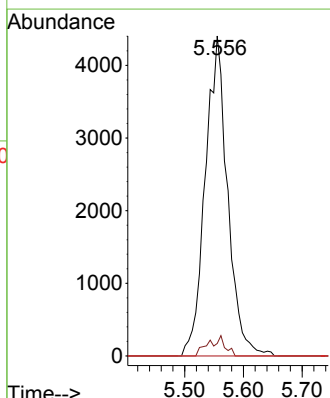
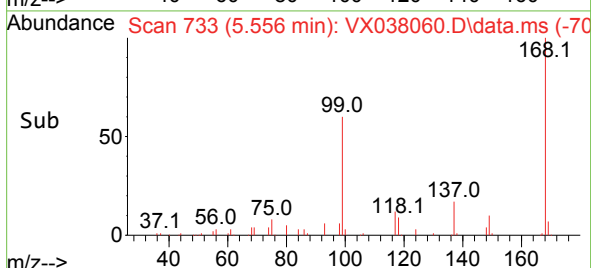
Tgt Ion: 75 Resp: 9691
Ion Ratio Lower Upper
75 100
110 3.5 17.0 50.9#
77 0.0 24.7 37.1#

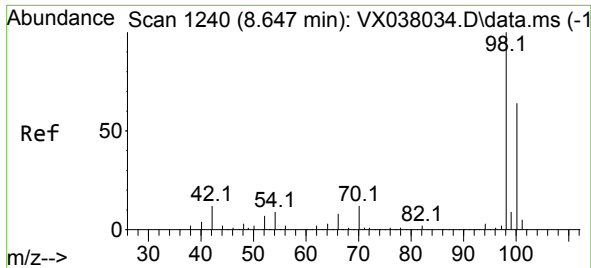


#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15



Tgt Ion: 117 Resp: 11656
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

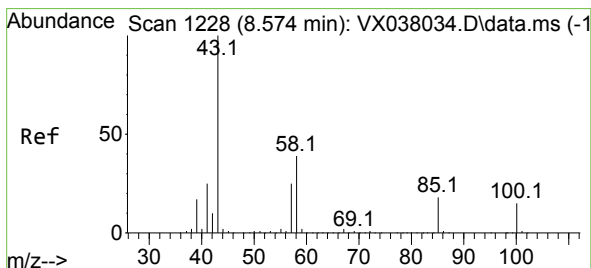
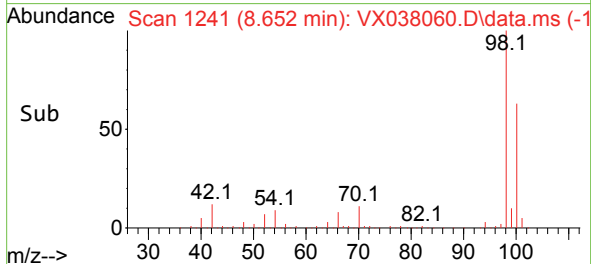
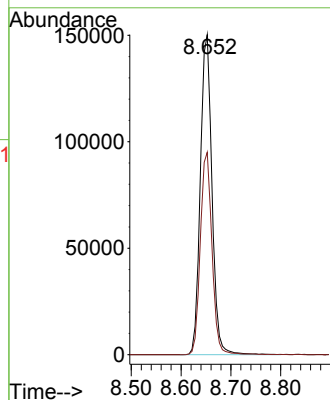
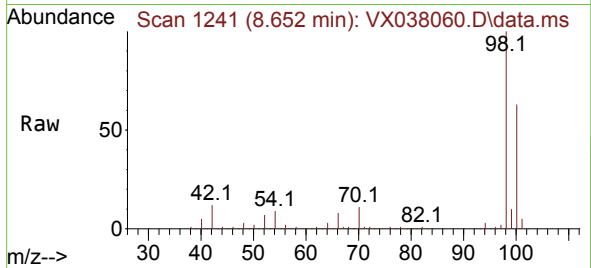




#50
Toluene-d8
Concen: 47.791 ug/l
RT: 8.652 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

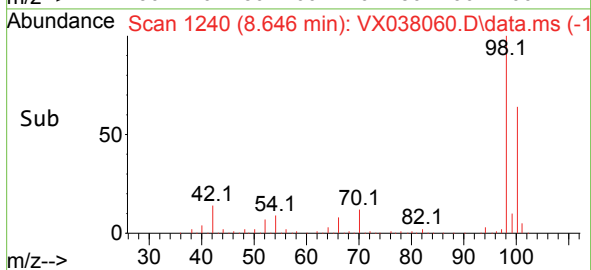
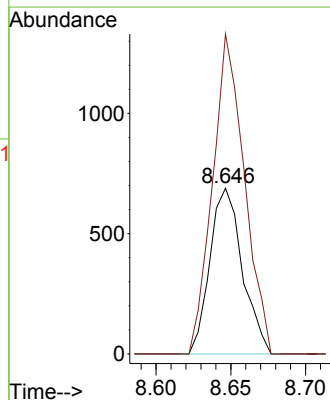
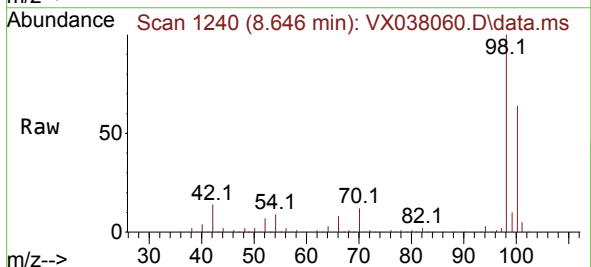
Instrument :
MSVOA_X
ClientSampleId :

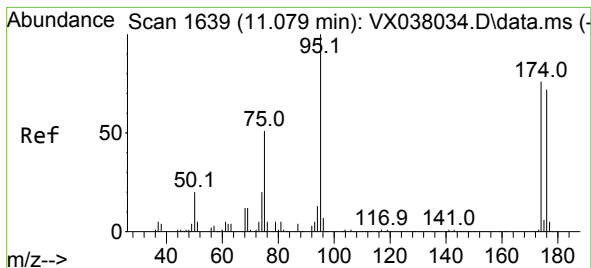
Tgt Ion: 98 Resp: 243162
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 189.6 30.4 45.6#

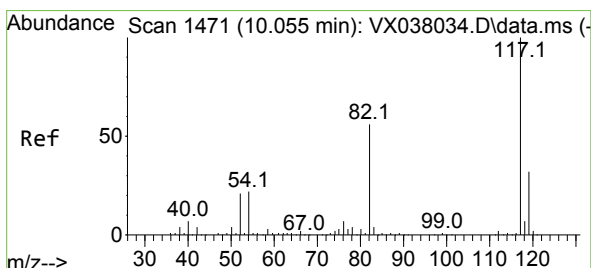
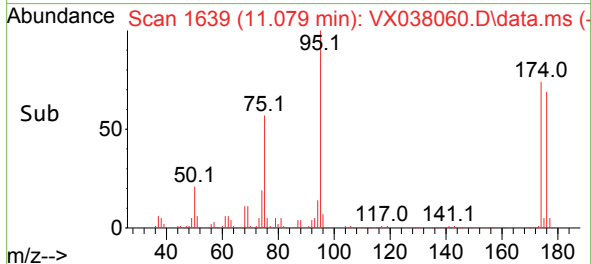
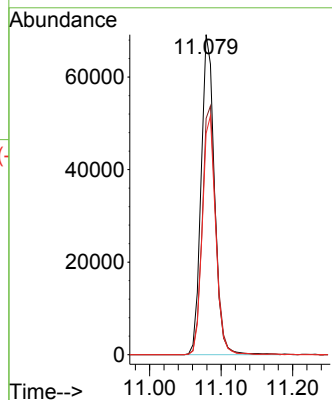
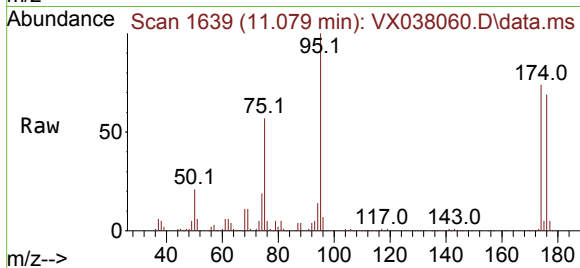




#62
4-Bromofluorobenzene
Concen: 48.227 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

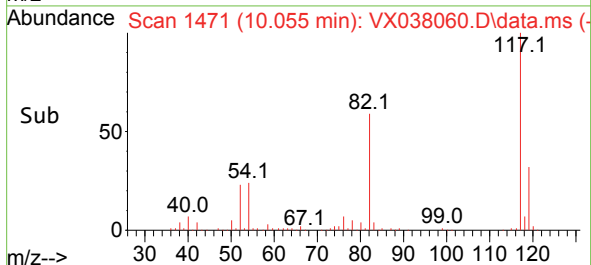
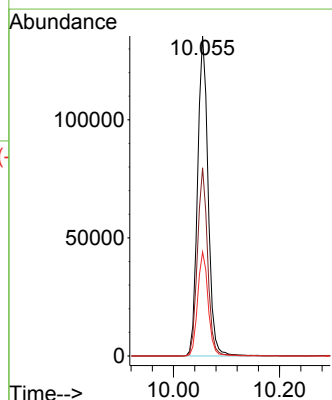
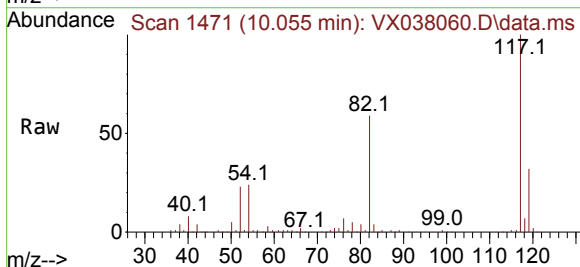
Instrument :
MSVOA_X
ClientSampleId :

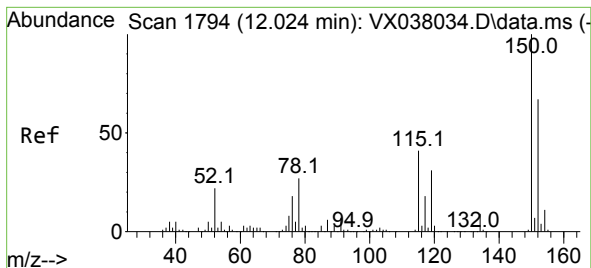
Tgt Ion: 95 Resp: 89305
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 75.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038060.D
Acq: 04 Oct 2023 13:15

Tgt Ion: 117 Resp: 186687
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038060.D

Acq: 04 Oct 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

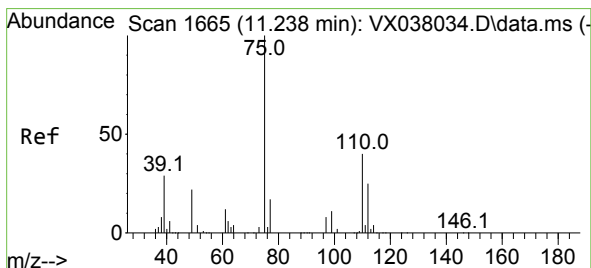
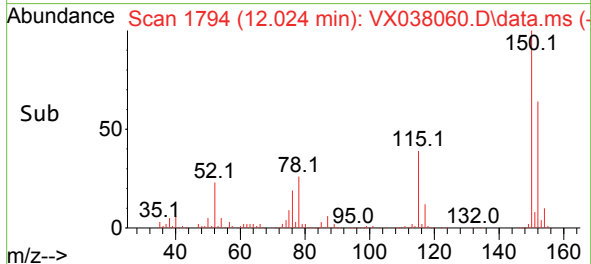
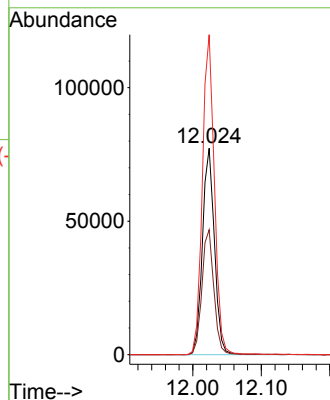
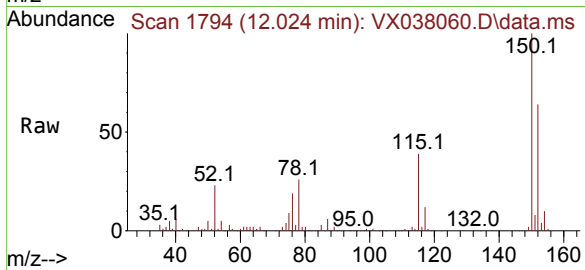
Tgt Ion:152 Resp: 94754

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 154.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.467 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038060.D

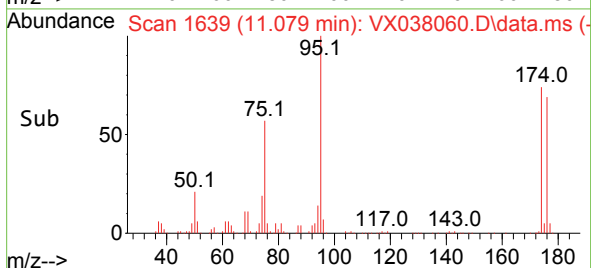
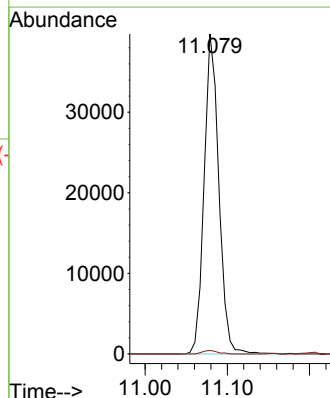
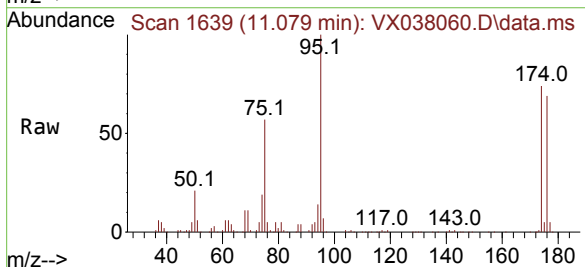
Acq: 04 Oct 2023 13:15

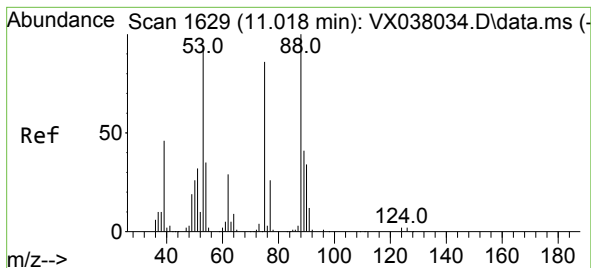
Tgt Ion: 75 Resp: 49314

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

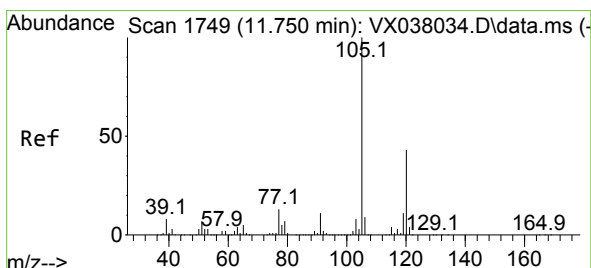
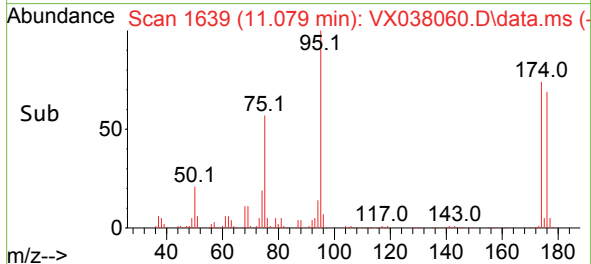
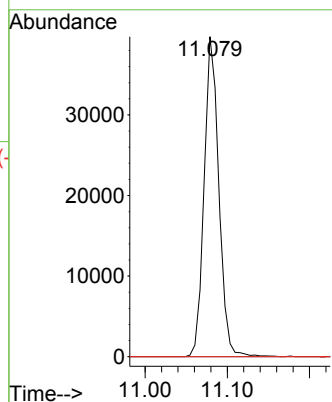
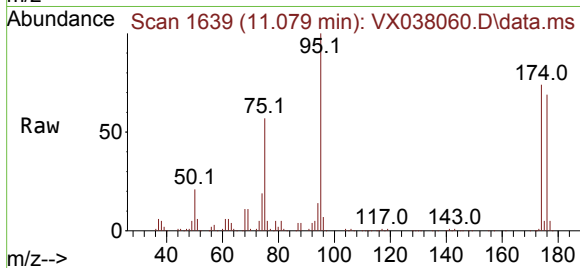




#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.875 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038060.D
 Acq: 04 Oct 2023 13:15

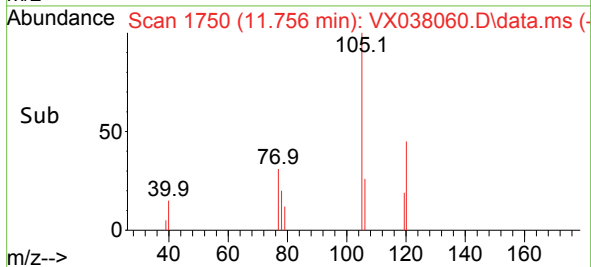
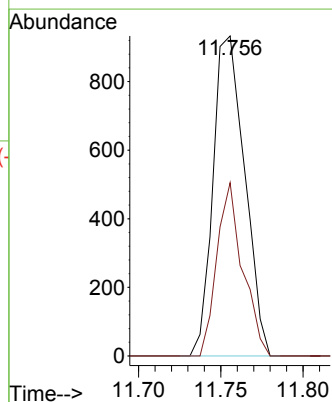
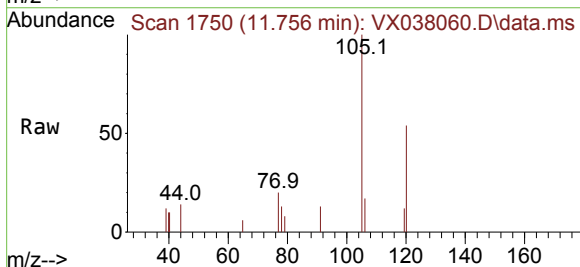
Instrument :
 MSVOA_X
 ClientSampleId :

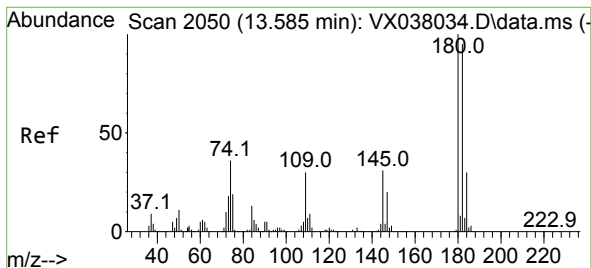
Tgt Ion: 75 Resp: 49314
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.226 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX038060.D
 Acq: 04 Oct 2023 13:15

Tgt Ion: 105 Resp: 1248
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.2 63.6





#93

1,2,4-Trichlorobenzene

Concen: 0.300 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038060.D

Acq: 04 Oct 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

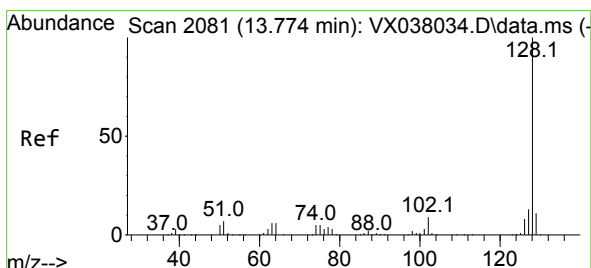
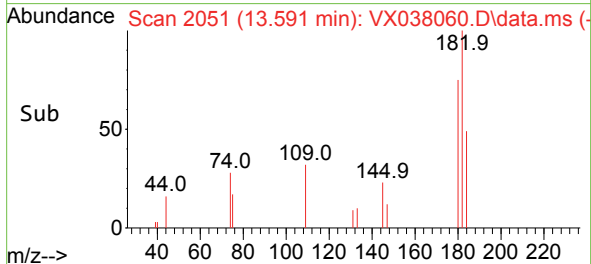
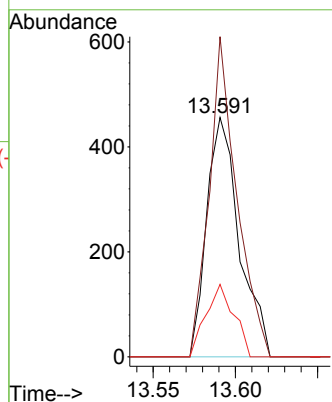
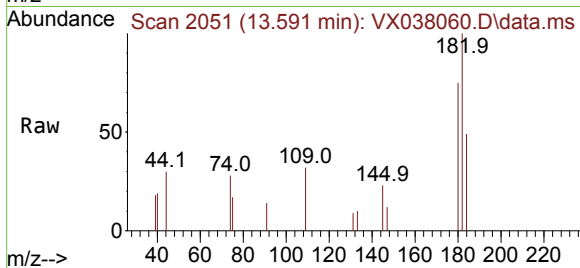
Tgt Ion:180 Resp: 627

Ion Ratio Lower Upper

180 100

182 113.9 48.3 144.8

145 26.0 18.0 54.0



#95

Naphthalene

Concen: 0.250 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX038060.D

Acq: 04 Oct 2023 13:15

Tgt Ion:128 Resp: 1759

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 6.7 8.8 13.2#

