

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038065.D
 Acq On : 04 Oct 2023 15:11
 Operator : JC/MD
 Sample : 04656-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:02:54 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)

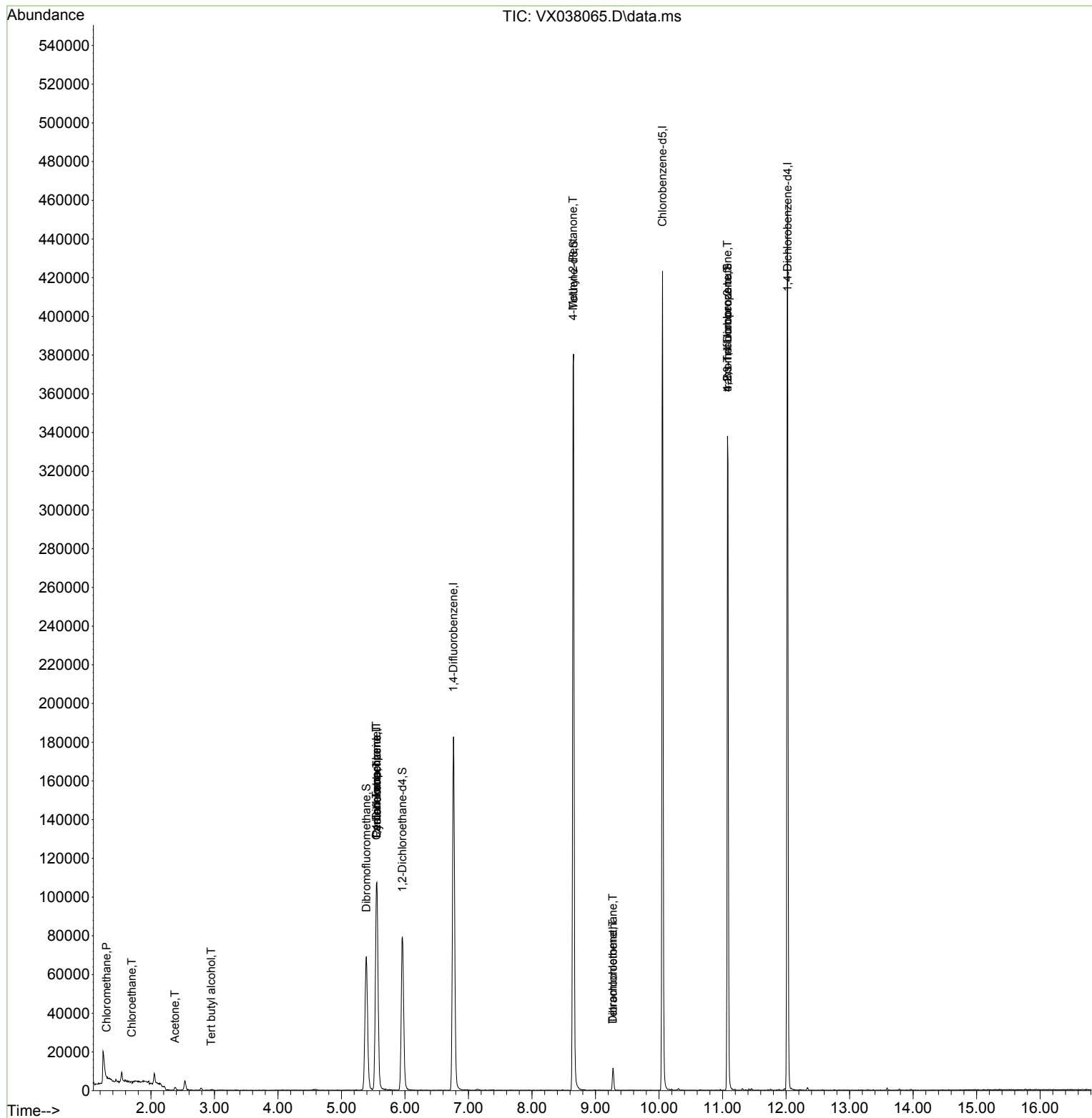
Internal Standards						
1) Pentafluorobenzene	5.556	168	101773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76729	48.454	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.900%		
35) Dibromofluoromethane	5.391	113	59288	47.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.653	98	233262	48.885	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	85756	49.381	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	398	0.298	ug/l #	43
6) Chloroethane	1.697	64	301	0.333	ug/l	93
11) Tert butyl alcohol	2.946	59	241	0.678	ug/l #	78
16) Acetone	2.380	43	1517	2.181	ug/l	92
20) Methylene Chloride	2.794	84	459	Below Cal	#	72
31) Cyclohexane	5.556	56	2683	1.449	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	8752	4.763	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10653	5.958	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1116	0.502	ug/l #	1
60) Dibromochloromethane	9.275	129	1839	1.403	ug/l #	11
64) Tetrachloroethene	9.275	164	2014	1.678	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	48261	22.485	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48261	75.938	ug/l #	5

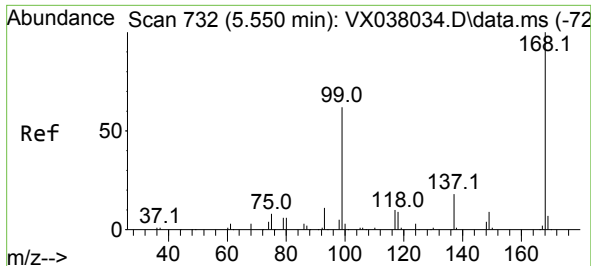
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

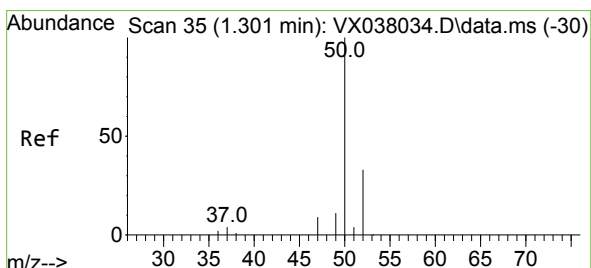
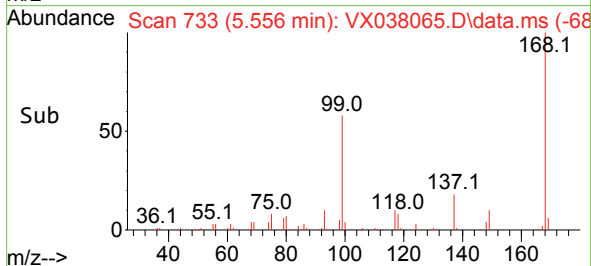
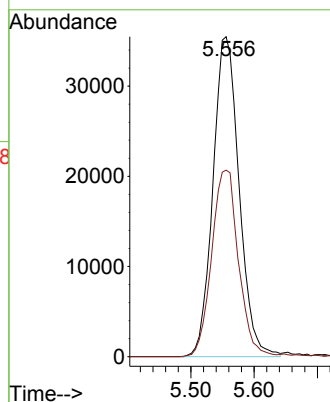
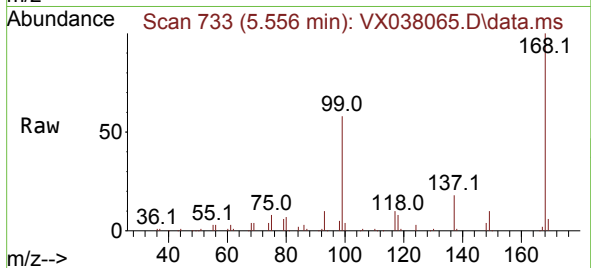




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

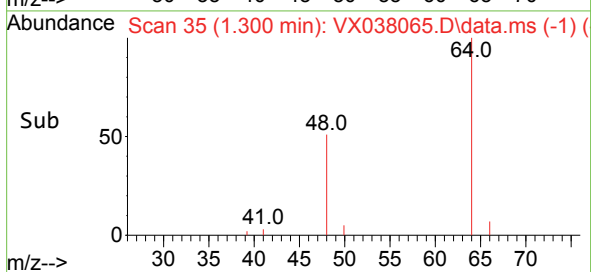
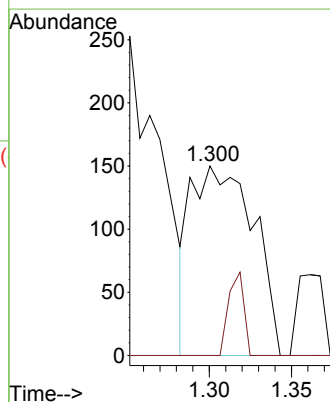
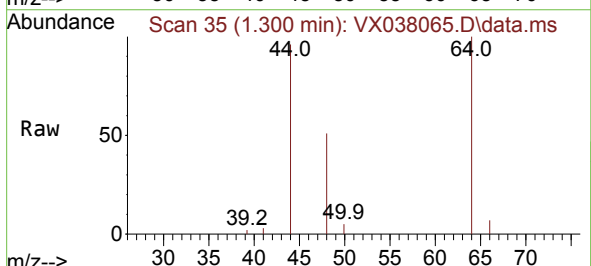
Instrument :
MSVOA_X
ClientSampleId :

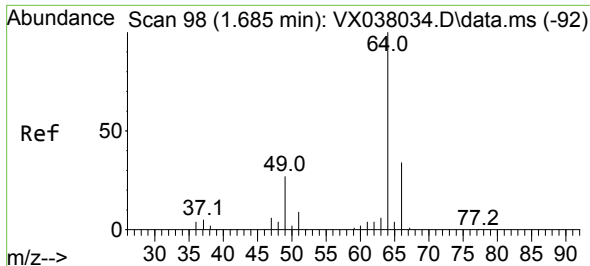
Tgt Ion:168 Resp: 101773
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#3
Chloromethane
Concen: 0.298 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

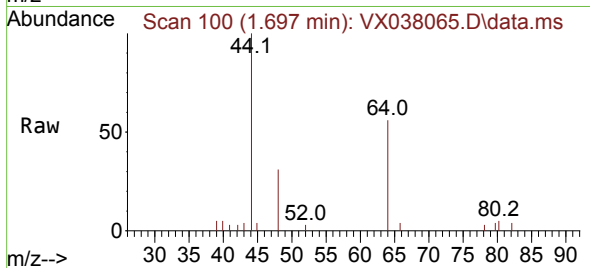
Tgt Ion: 50 Resp: 398
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



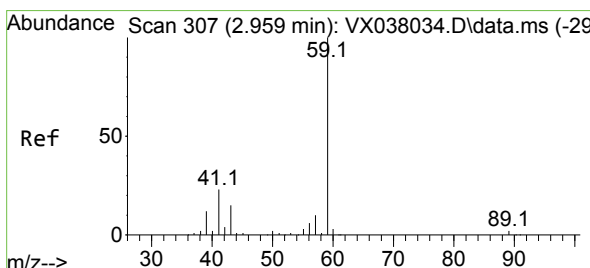
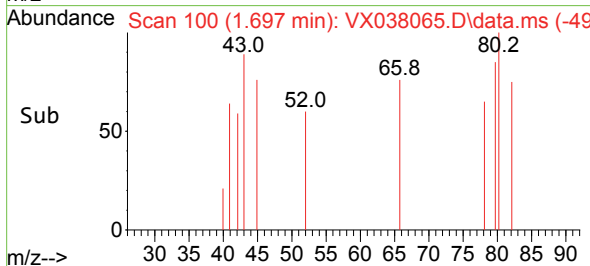
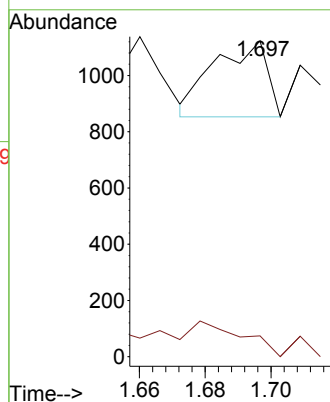


#6
Chloroethane
Concen: 0.333 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

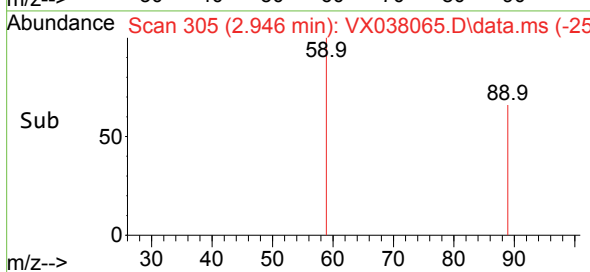
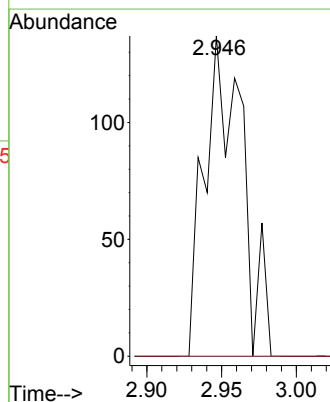
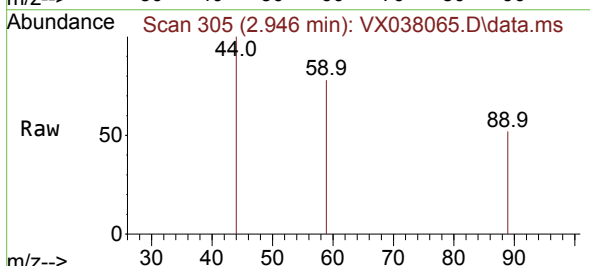


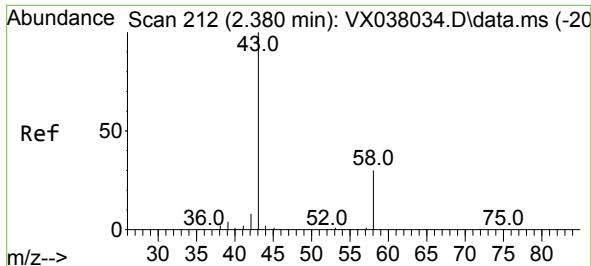
Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 27.4 25.1 37.7



#11
Tert butyl alcohol
Concen: 0.678 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

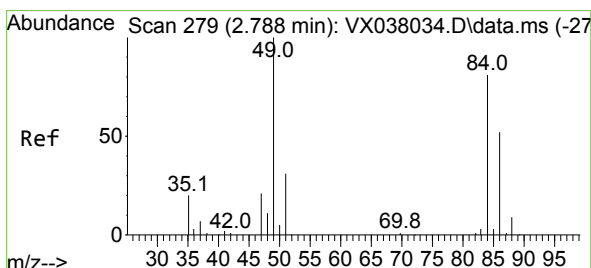
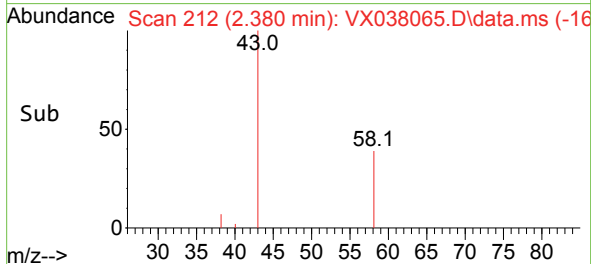
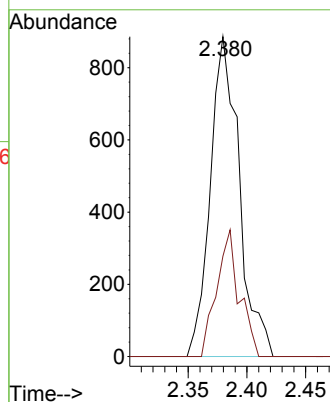
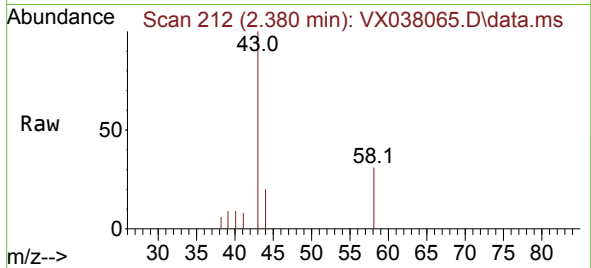




#16
Acetone
Concen: 2.181 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

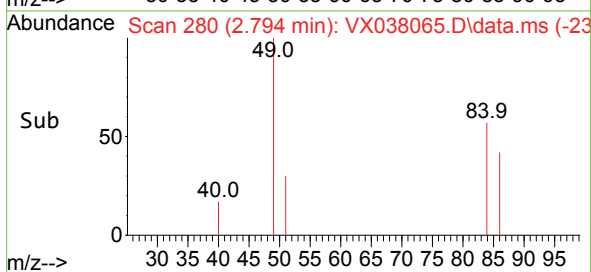
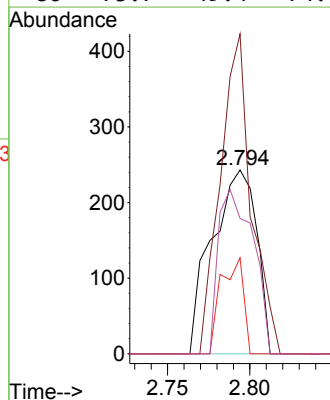
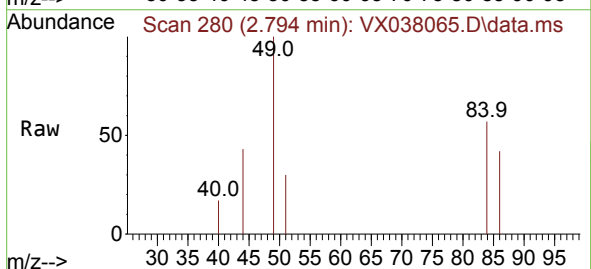
Instrument :
MSVOA_X
ClientSampleId :

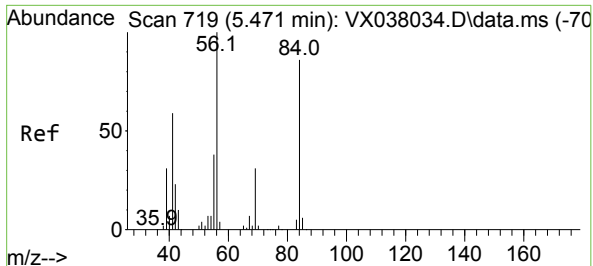
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

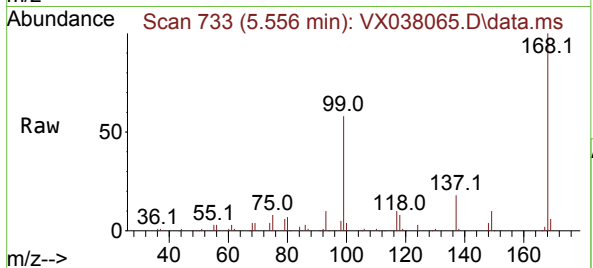
Tgt Ion: 84 Resp: 459
Ion Ratio Lower Upper
84 100
49 174.1 103.6 155.4#
51 52.3 33.8 50.6#
86 73.7 49.4 74.0



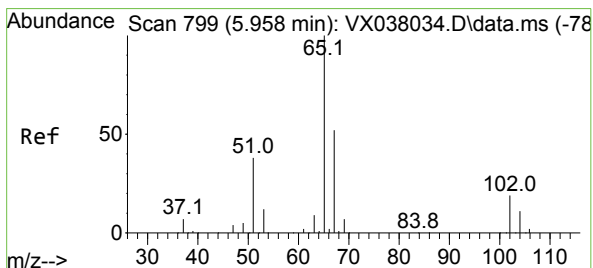
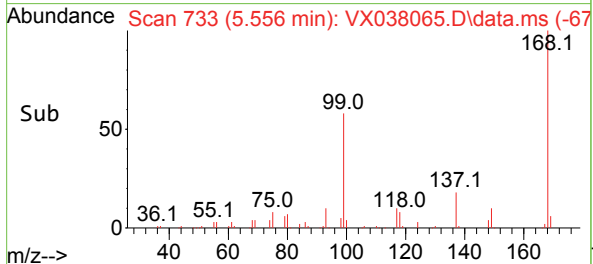
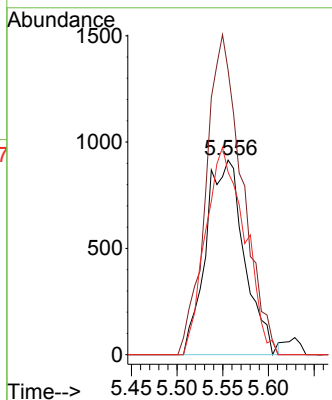


#31
Cyclohexane
Concen: 1.449 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

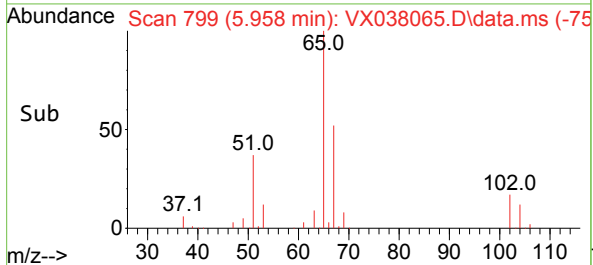
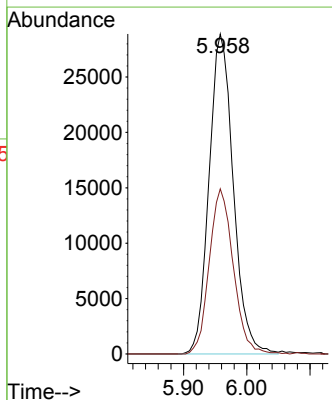
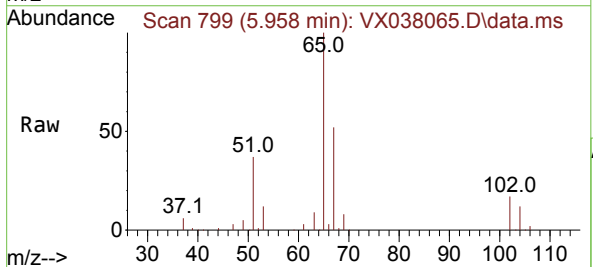


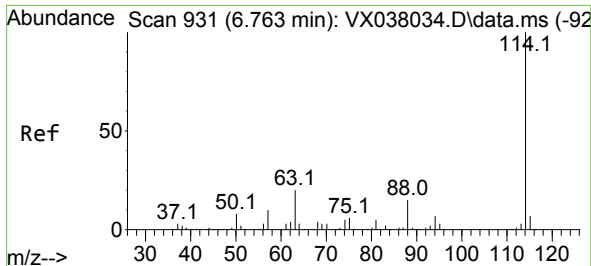
Tgt Ion: 56 Resp: 2683
Ion Ratio Lower Upper
56 100
69 146.1 23.4 35.2#
84 93.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.454 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 65 Resp: 76729
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

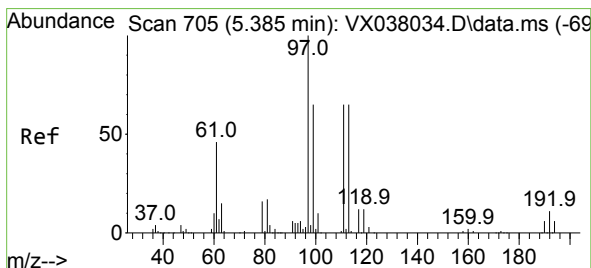
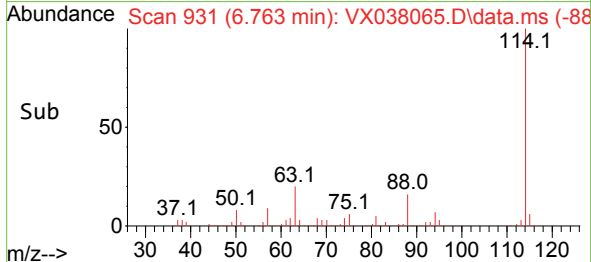
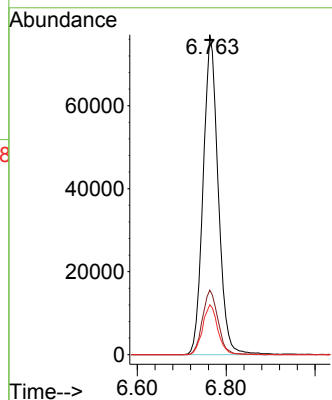
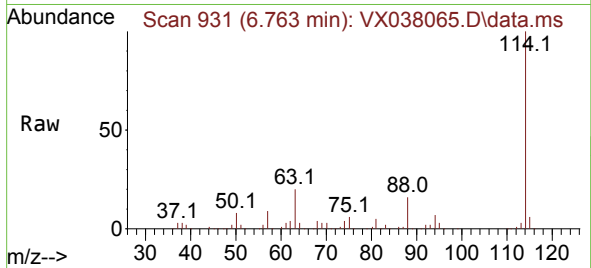




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

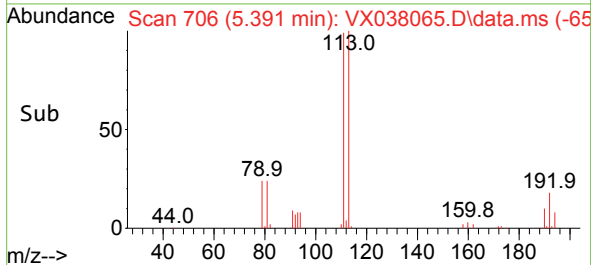
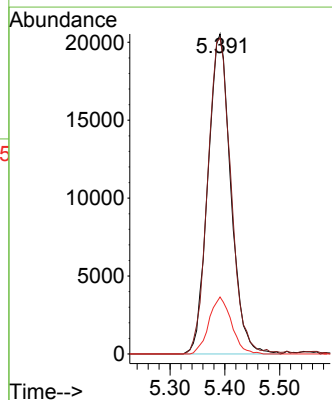
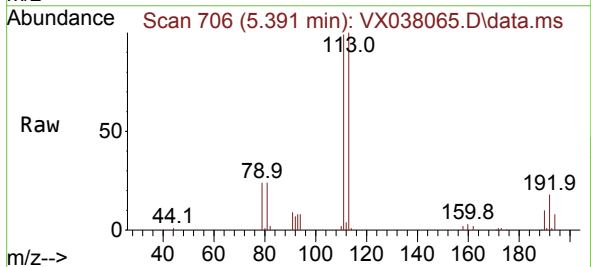
Instrument :
MSVOA_X
ClientSampleId :

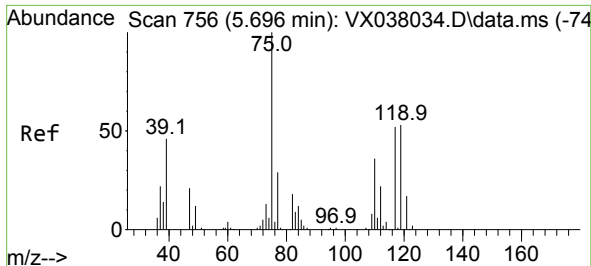
Tgt Ion:114 Resp: 181744
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.551 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

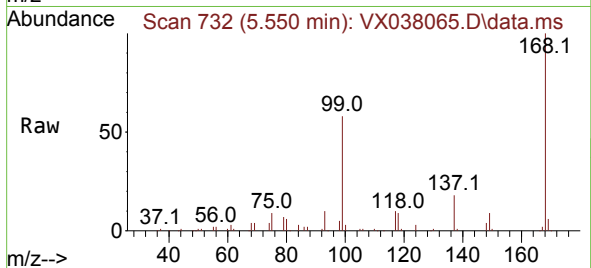
Tgt Ion:113 Resp: 59288
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 17.5 13.3 19.9



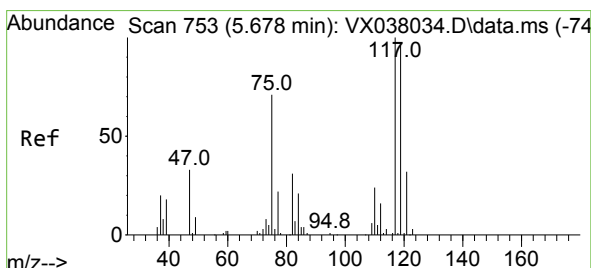
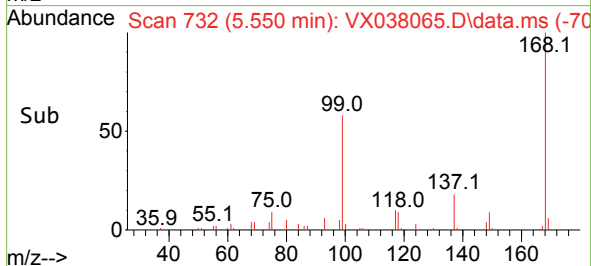
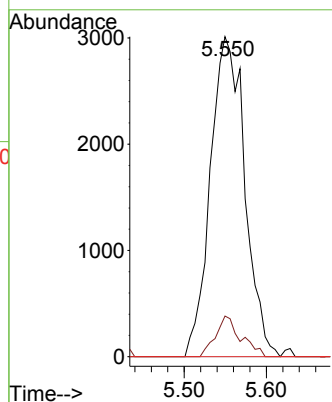


#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

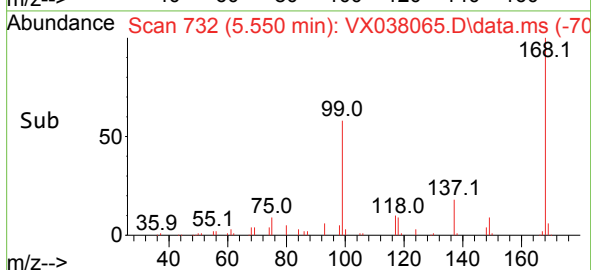
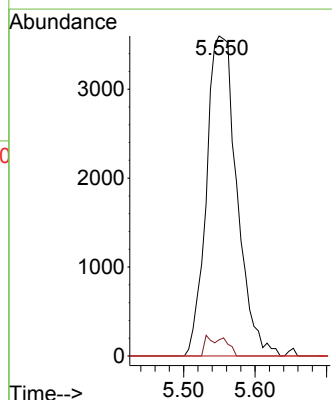
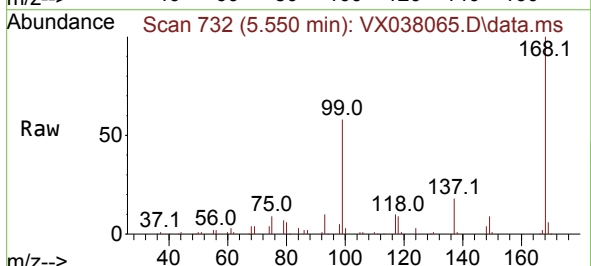


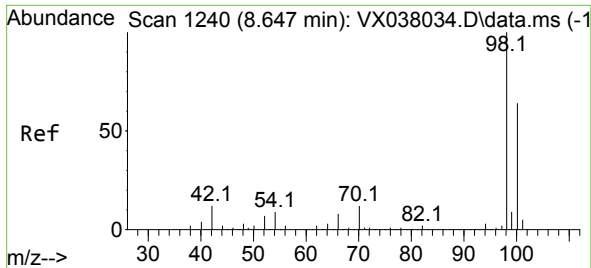
Tgt Ion: 75 Resp: 8752
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 117 Resp: 10653
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

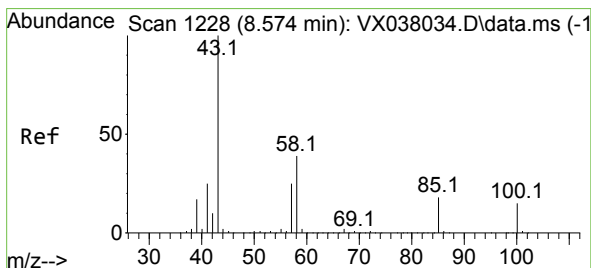
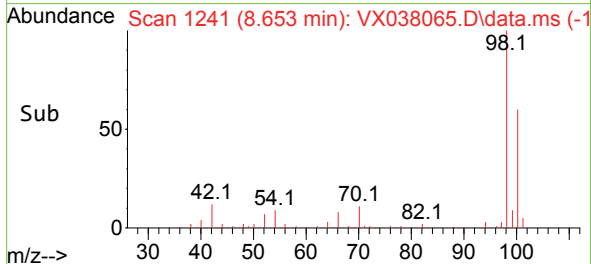
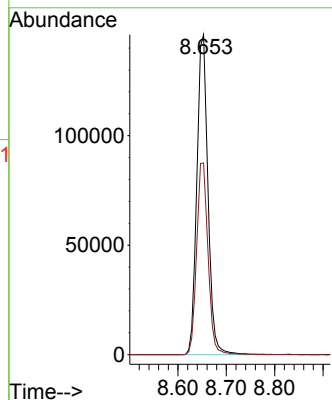
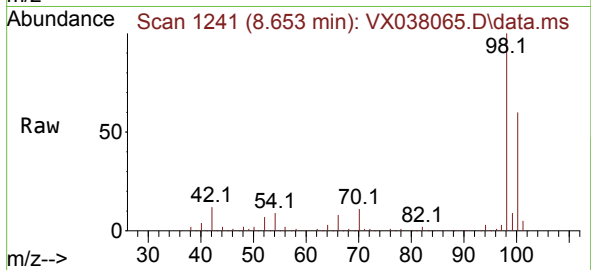




#50
Toluene-d8
Concen: 48.885 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

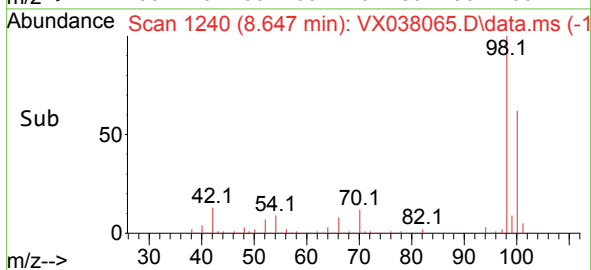
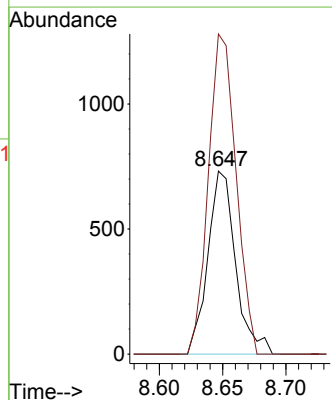
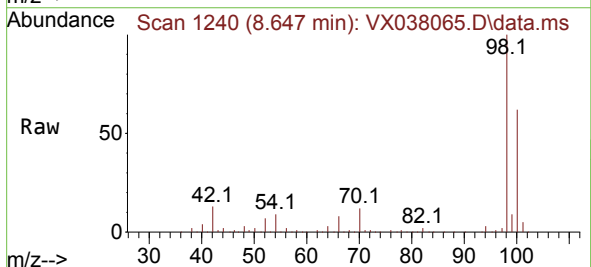
Instrument :
MSVOA_X
ClientSampleId :

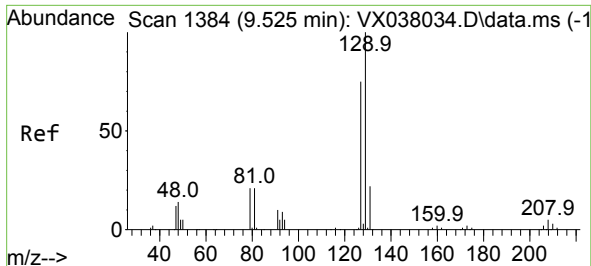
Tgt Ion: 98 Resp: 233262
Ion Ratio Lower Upper
98 100
100 61.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 174.6 30.4 45.6#

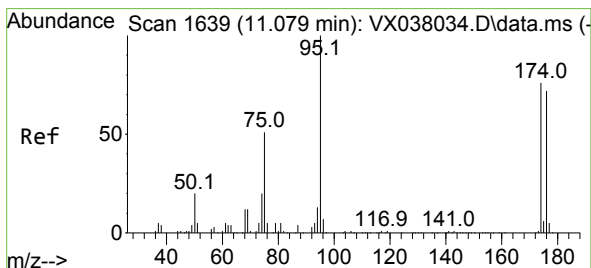
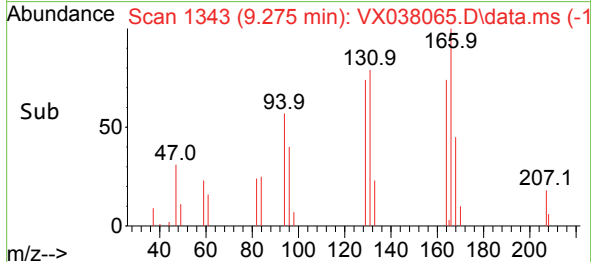
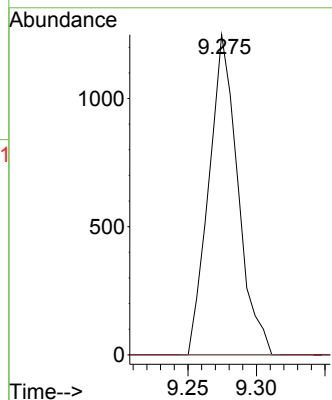
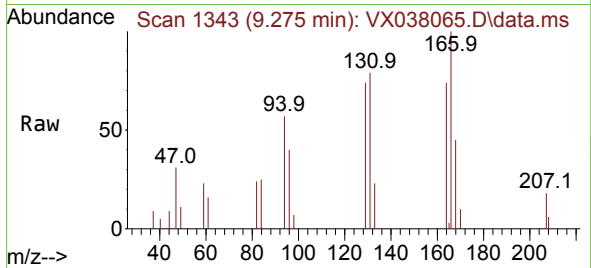




#60
Dibromochloromethane
Concen: 1.403 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

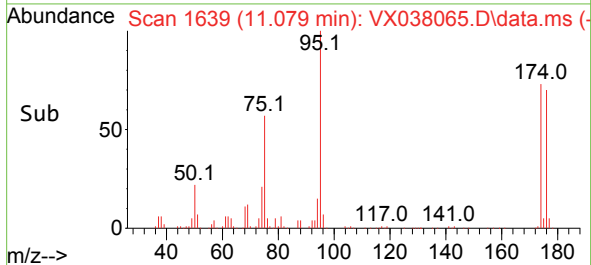
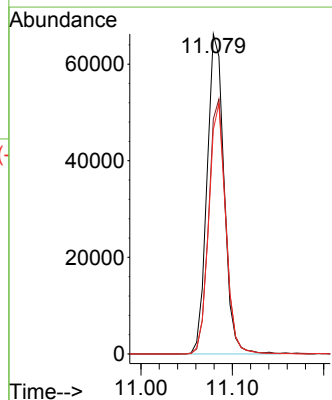
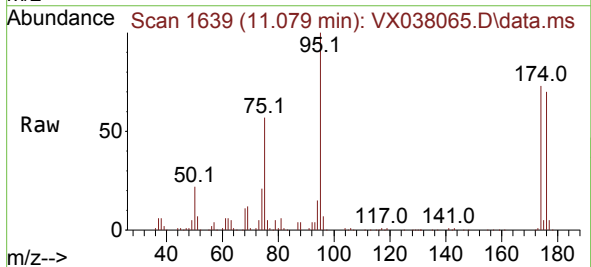
Instrument :
MSVOA_X
ClientSampleId :

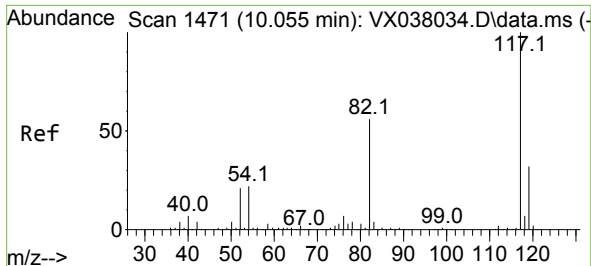
Tgt Ion:129 Resp: 1839
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

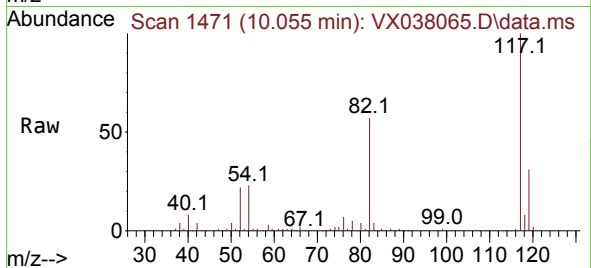
Tgt Ion: 95 Resp: 85756
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 77.8 0.0 131.0



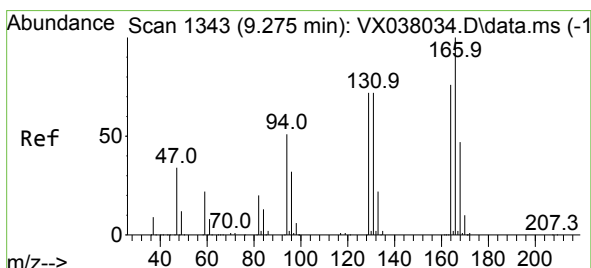
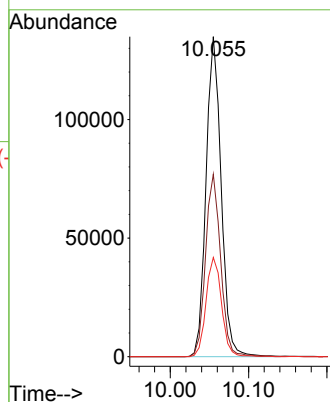
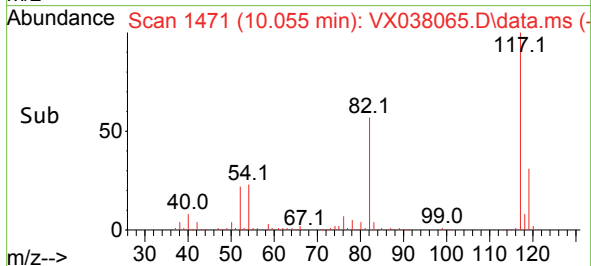


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

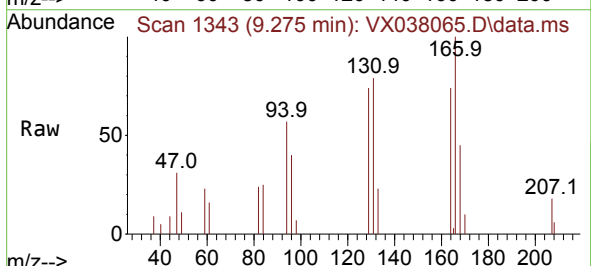
Instrument :
MSVOA_X
ClientSampleId :



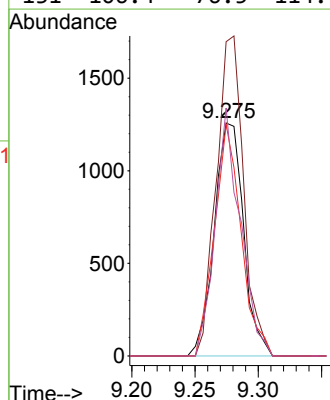
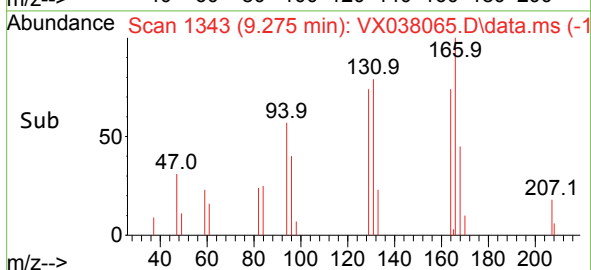
Tgt Ion:117 Resp: 180359
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.0 25.5 38.3

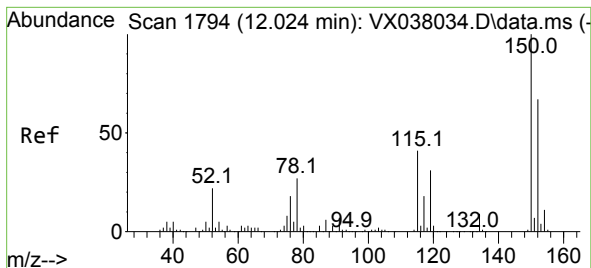


#64
Tetrachloroethene
Concen: 1.678 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11



Tgt Ion:164 Resp: 2014
Ion Ratio Lower Upper
164 100
166 134.9 102.7 154.1
129 99.3 80.4 120.6
131 106.4 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038065.D

Acq: 04 Oct 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

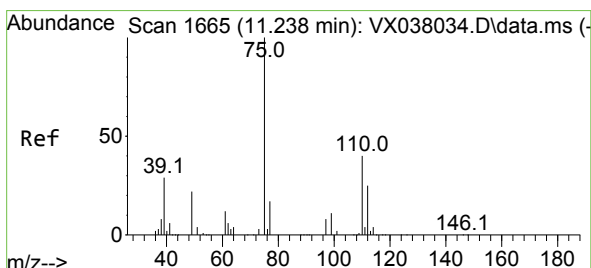
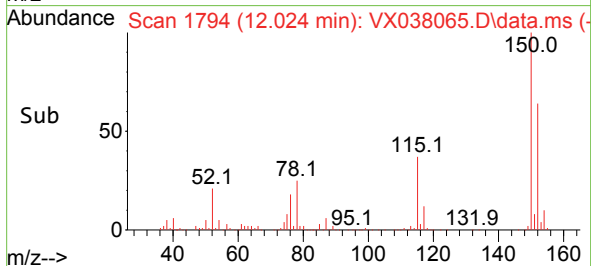
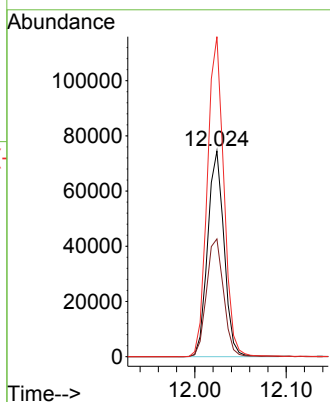
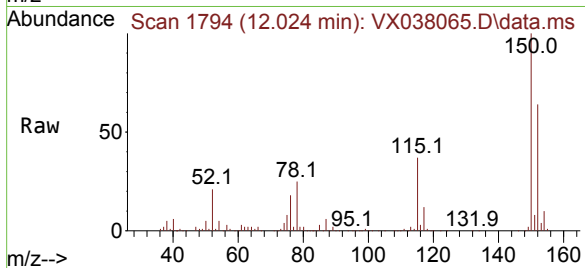
Tgt Ion:152 Resp: 92654

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.485 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038065.D

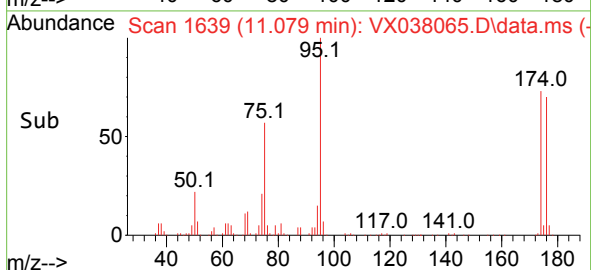
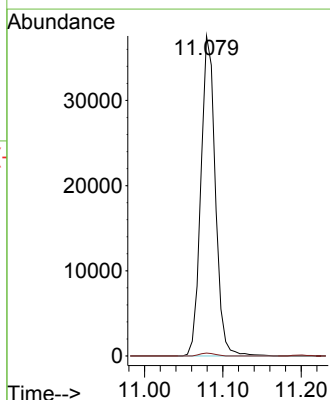
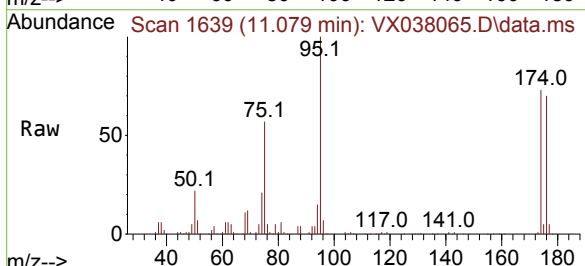
Acq: 04 Oct 2023 15:11

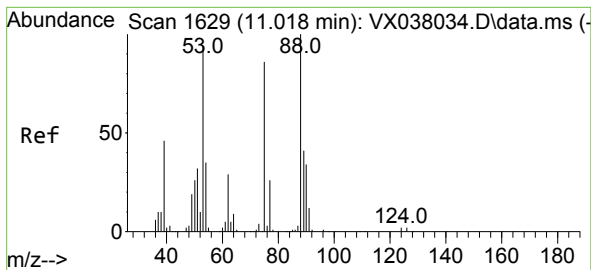
Tgt Ion: 75 Resp: 48261

Ion Ratio Lower Upper

75 100

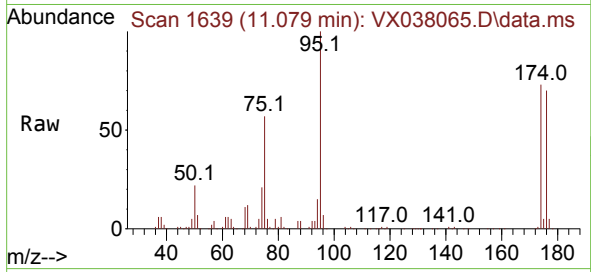
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.938 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038065.D
Acq: 04 Oct 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 48261
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

