

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038478.D
 Acq On : 25 Oct 2023 14:34
 Operator : JC/MD
 Sample : 05007-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:05:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

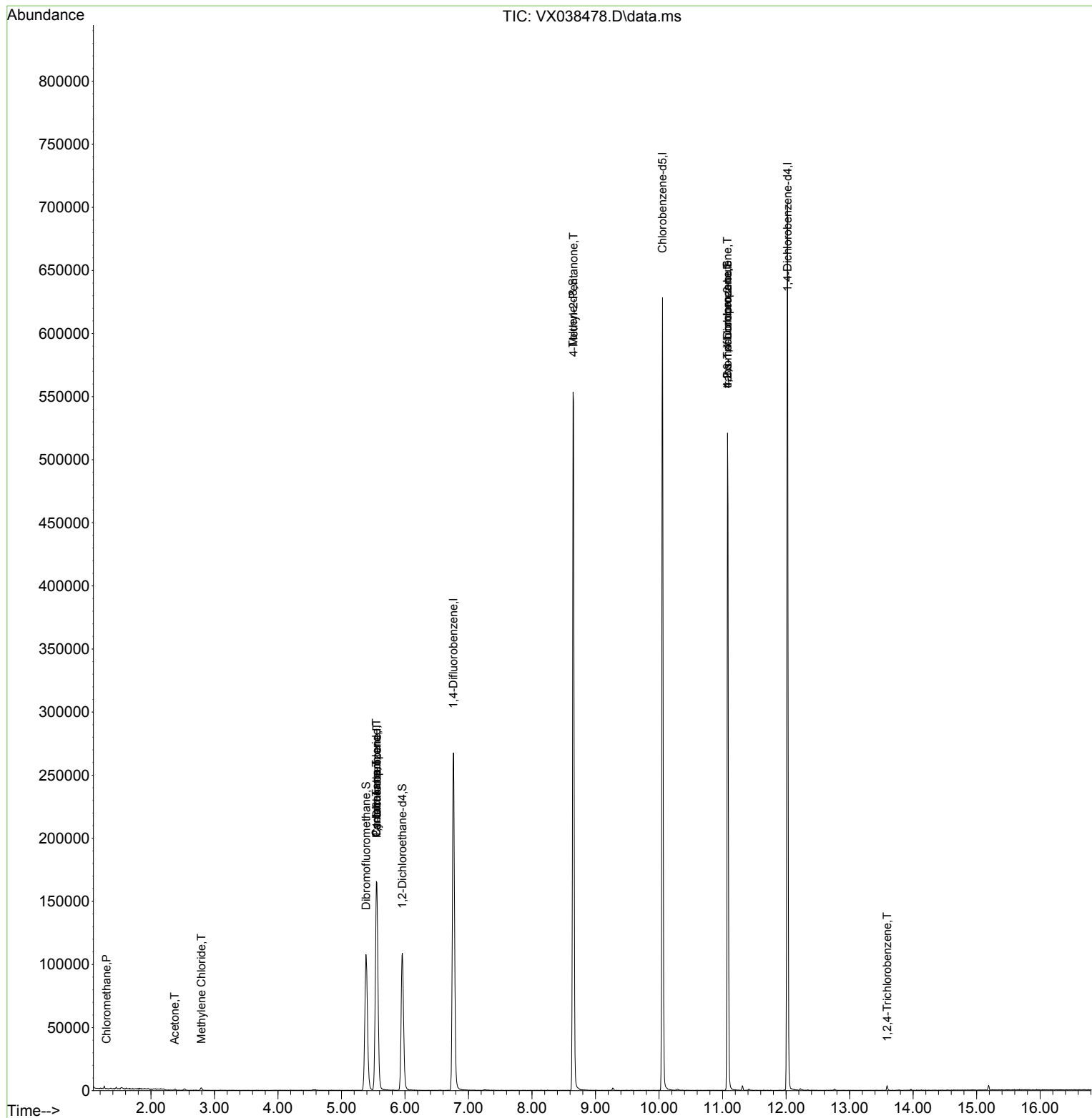
Internal Standards						
1) Pentafluorobenzene	5.556	168	163561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	286027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104324	39.655	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.320%		
35) Dibromofluoromethane	5.385	113	93670	45.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.900%		
50) Toluene-d8	8.647	98	348605	44.264	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.520%#		
62) 4-Bromofluorobenzene	11.079	95	134660	45.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.200%		
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	466	0.290	ug/l #	69
5) Bromomethane	1.563	94	49	Below Cal	#	3
6) Chloroethane	1.678	64	44	Below Cal	#	43
16) Acetone	2.373	43	964	0.878	ug/l #	75
20) Methylene Chloride	2.794	84	1046	0.506	ug/l #	68
31) Cyclohexane	5.550	56	3353	1.176	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12256	4.312	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16581	5.931	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1446	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69854	19.791	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69854	57.160	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1160	0.352	ug/l	97

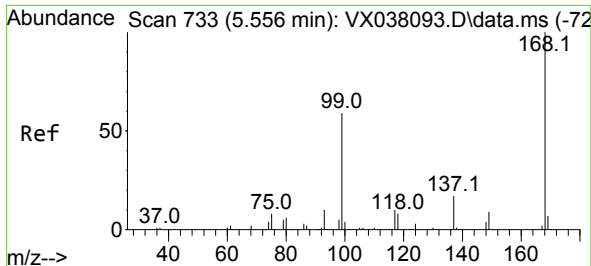
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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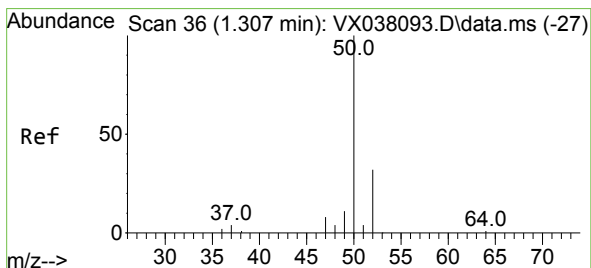
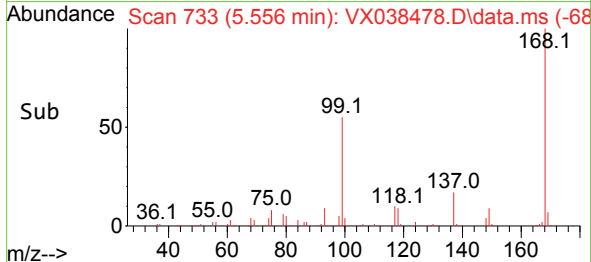
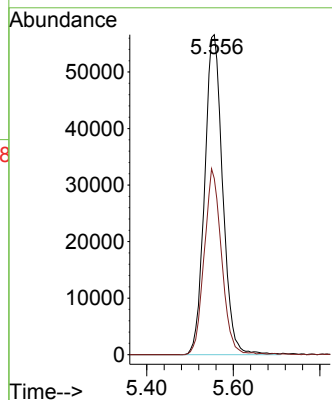
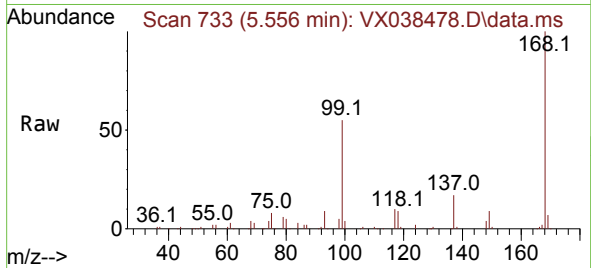




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

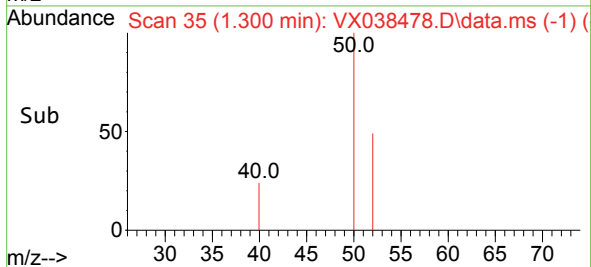
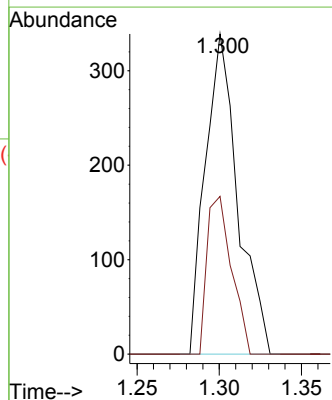
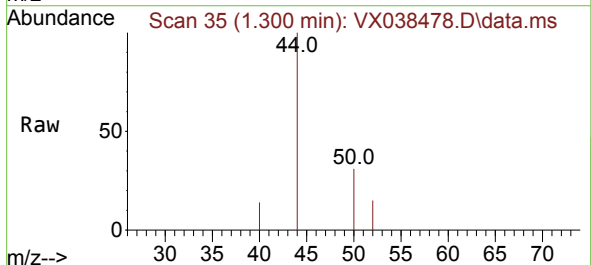
Instrument :
MSVOA_X
ClientSampleId :

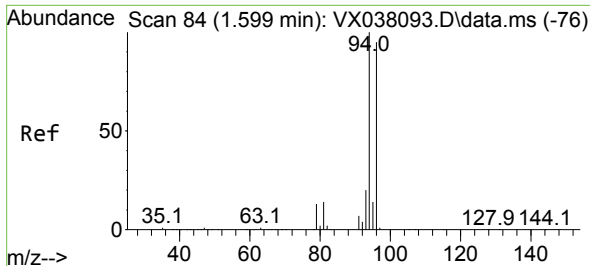
Tgt Ion:168 Resp: 163561
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 49.3 25.5 38.3#

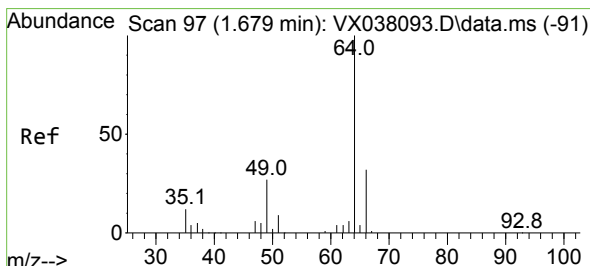
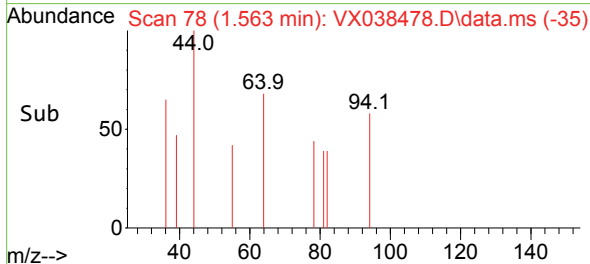
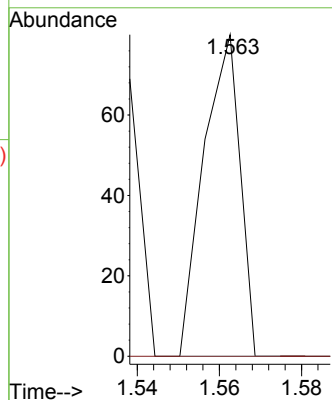
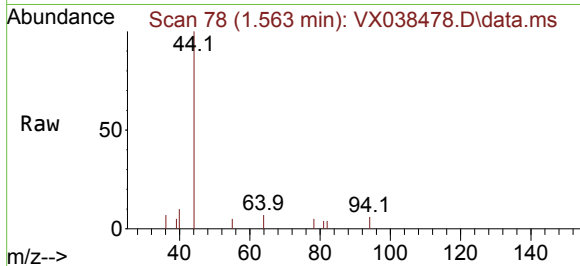




#5
Bromomethane
Concen: Below Cal
RT: 1.563 min Scan# 71
Delta R.T. -0.036 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

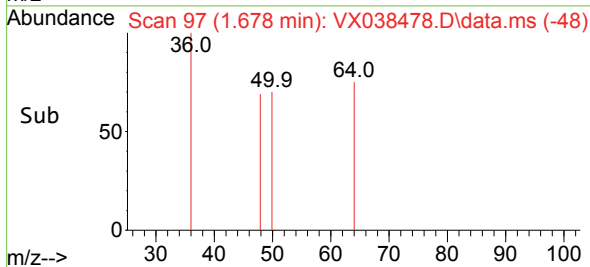
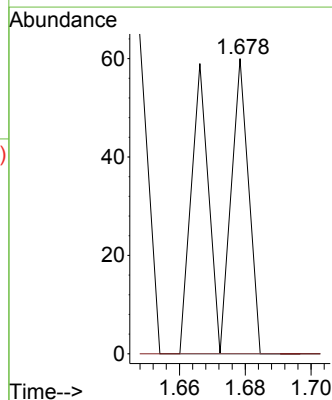
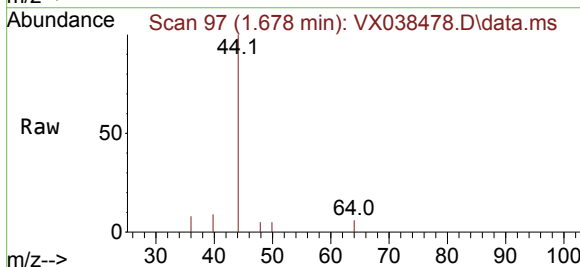
Instrument :
MSVOA_X
ClientSampleId :

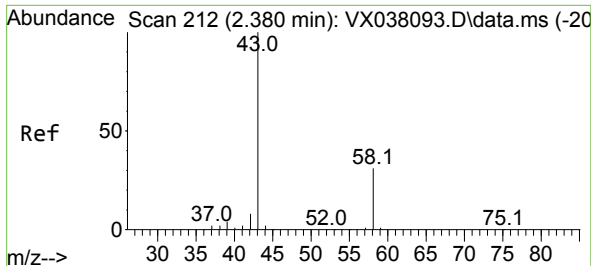
Tgt Ion: 94 Resp: 49
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

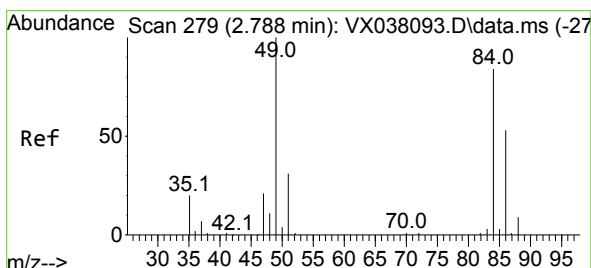
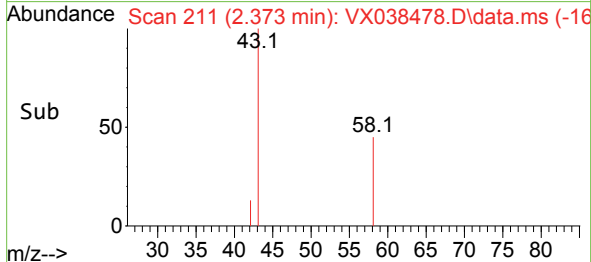
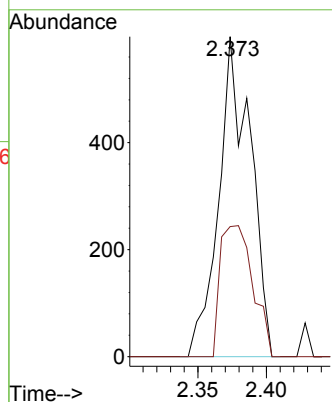
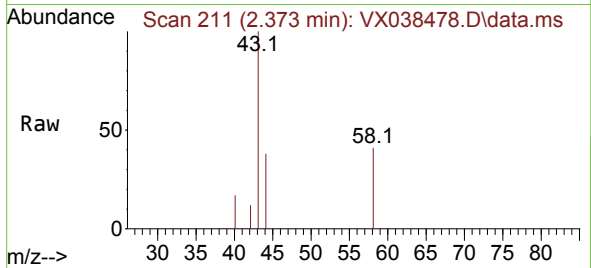




#16
Acetone
Concen: 0.878 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

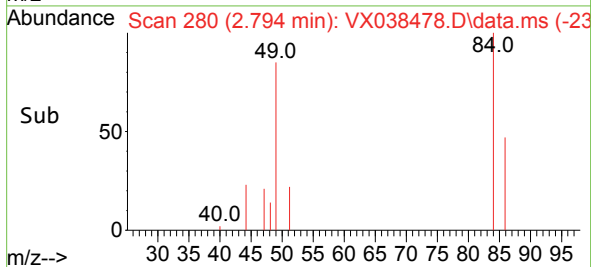
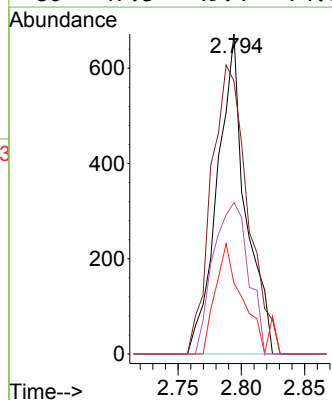
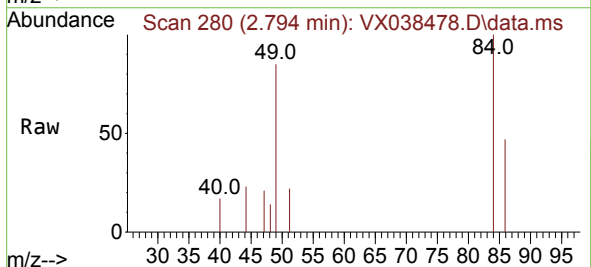
Instrument :
MSVOA_X
ClientSampleId :

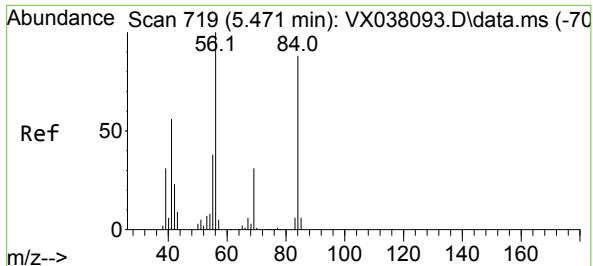
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 40.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.506 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

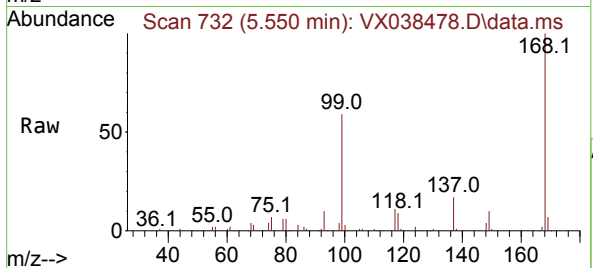
Tgt Ion: 84 Resp: 1046
Ion Ratio Lower Upper
84 100
49 85.3 103.6 155.4#
51 22.2 33.8 50.6#
86 47.3 49.4 74.0#



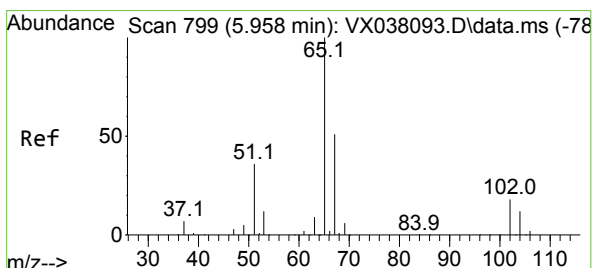
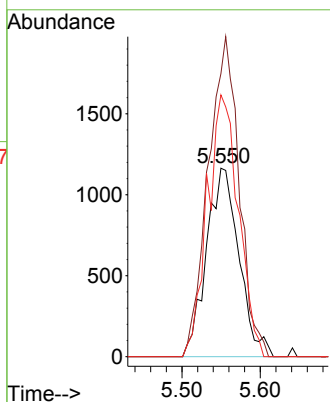
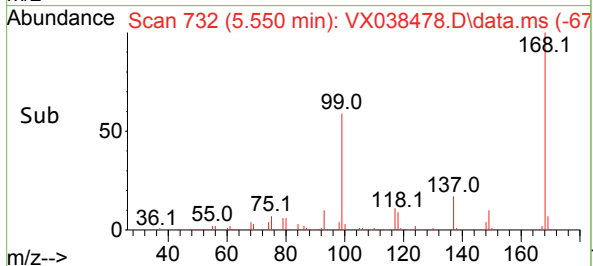


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Instrument :
MSVOA_X
ClientSampleId :

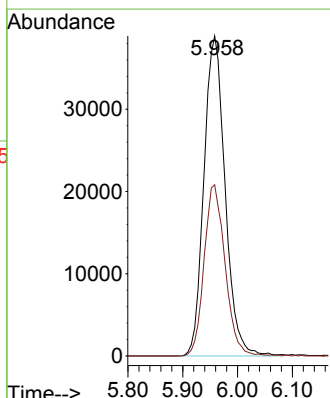
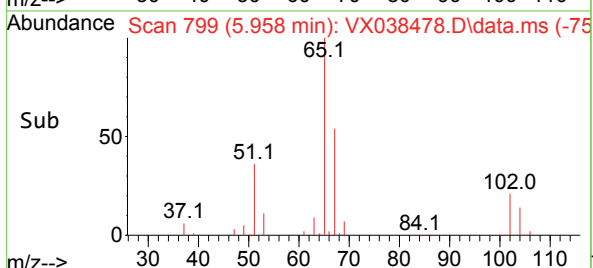
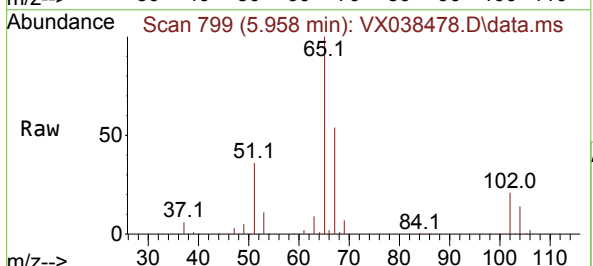


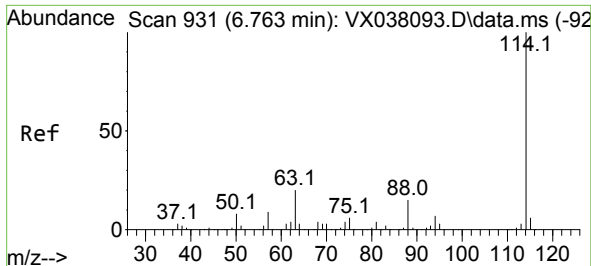
Tgt Ion: 56 Resp: 3353
Ion Ratio Lower Upper
56 100
69 150.2 23.4 35.2#
84 138.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.655 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Tgt Ion: 65 Resp: 104324
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

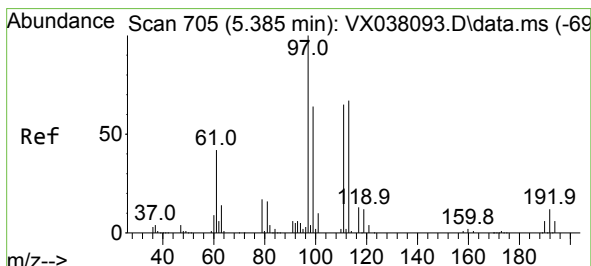
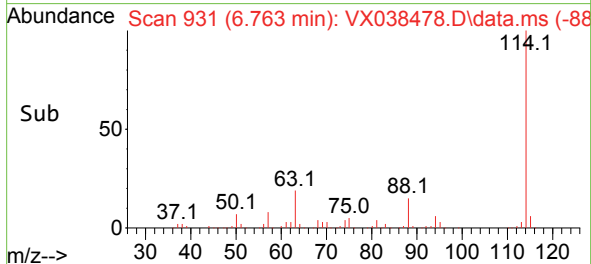
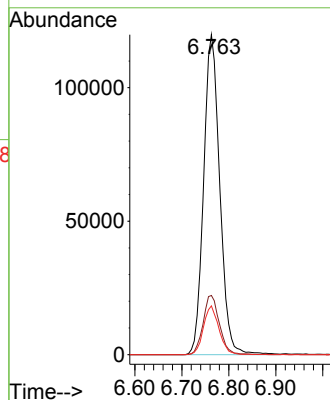
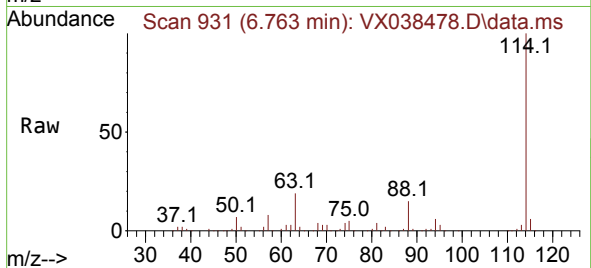




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

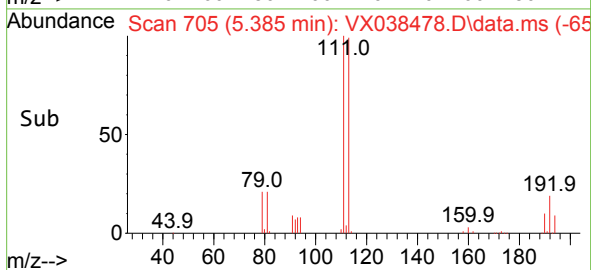
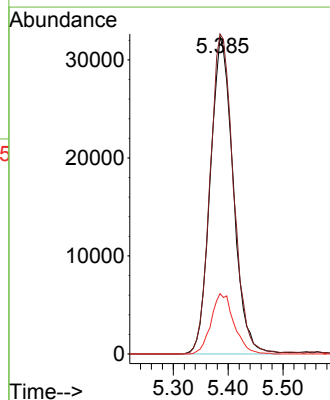
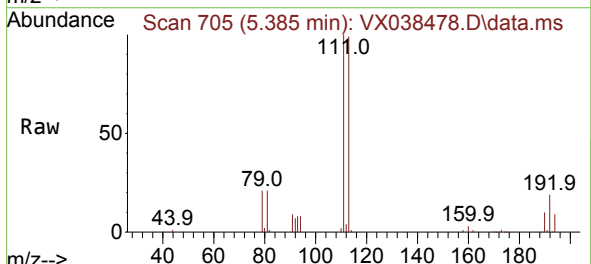
Instrument :
MSVOA_X
ClientSampleId :

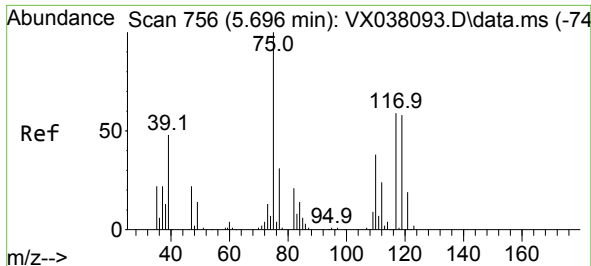
Tgt Ion:114 Resp: 286027
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.449 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Tgt Ion:113 Resp: 93670
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.312 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

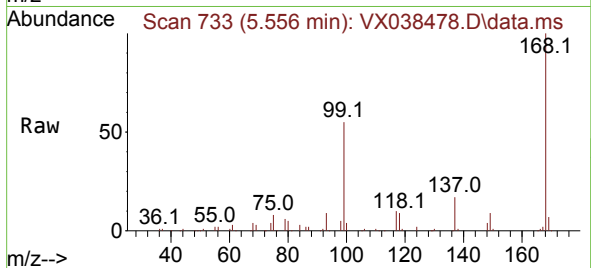
Lab File: VX038478.D

Acq: 25 Oct 2023 14:34

Instrument :

MSVOA_X

ClientSampleId :



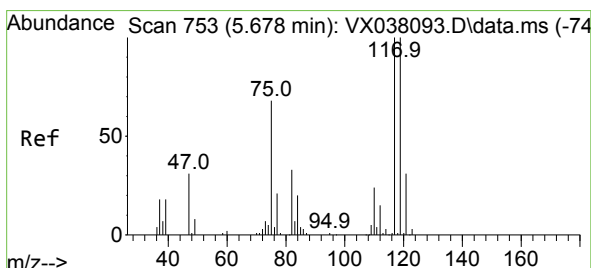
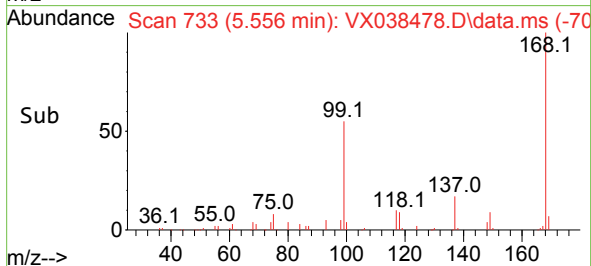
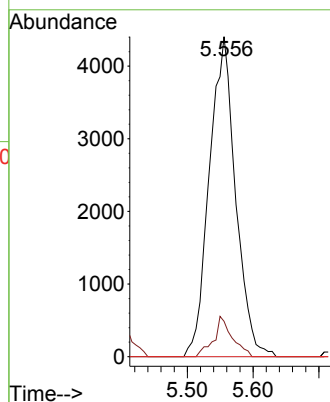
Tgt Ion: 75 Resp: 12256

Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.931 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038478.D

Acq: 25 Oct 2023 14:34

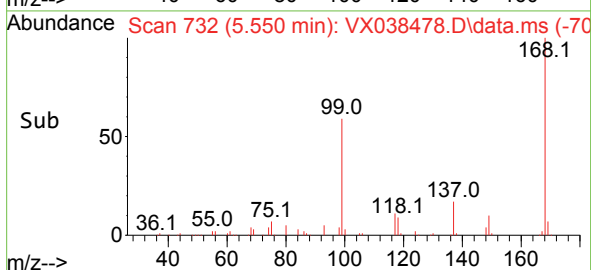
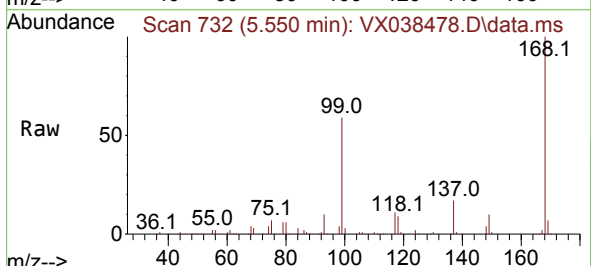
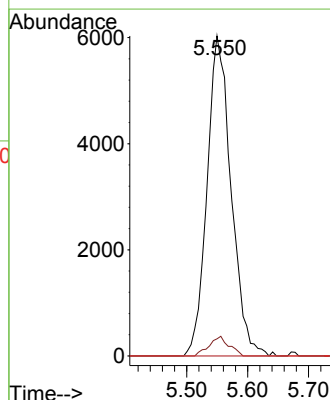
Tgt Ion: 117 Resp: 16581

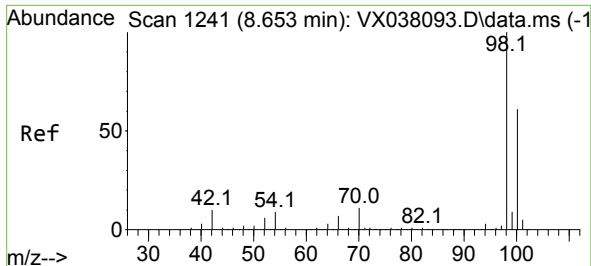
Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#

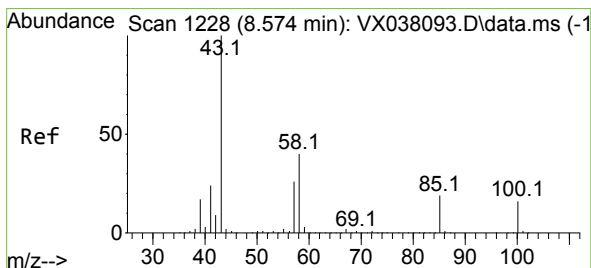
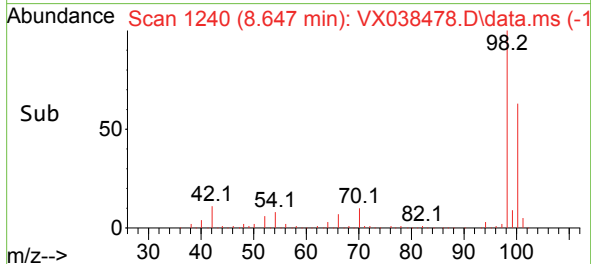
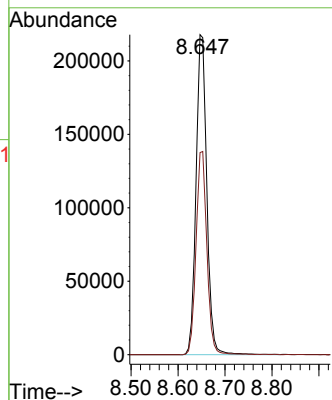
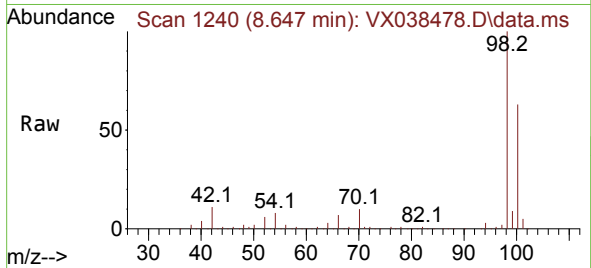




#50
Toluene-d8
Concen: 44.264 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

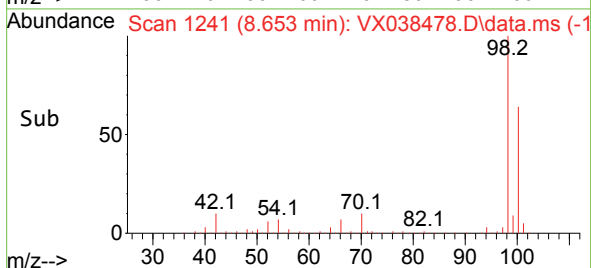
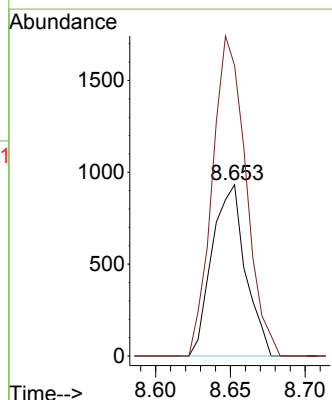
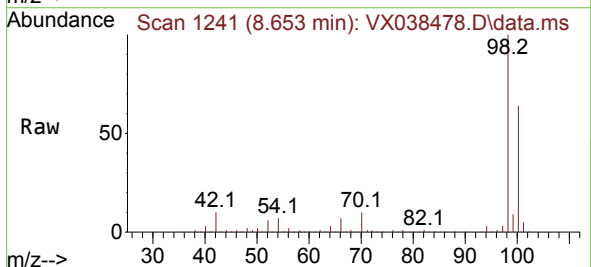
Instrument :
MSVOA_X
ClientSampleId :

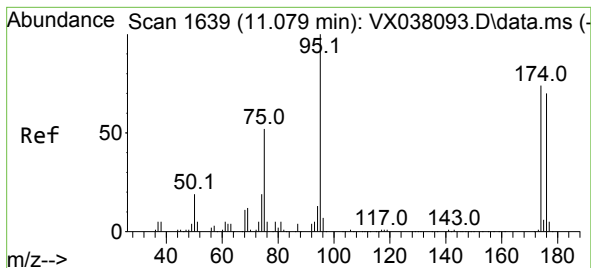
Tgt Ion: 98 Resp: 348605
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.416 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
58 188.2 30.4 45.6#

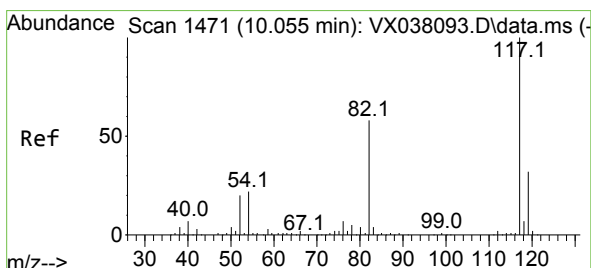
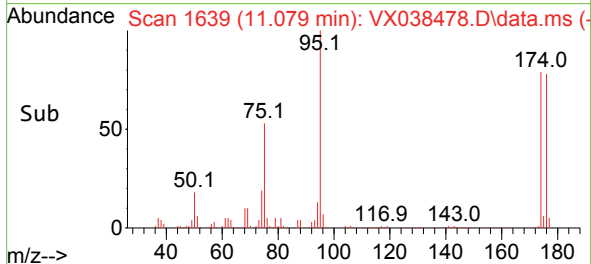
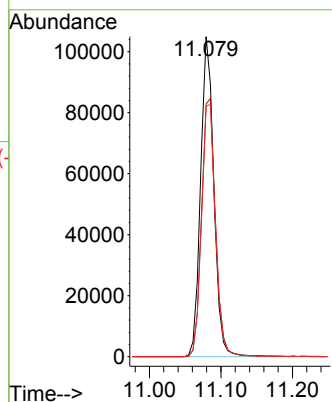
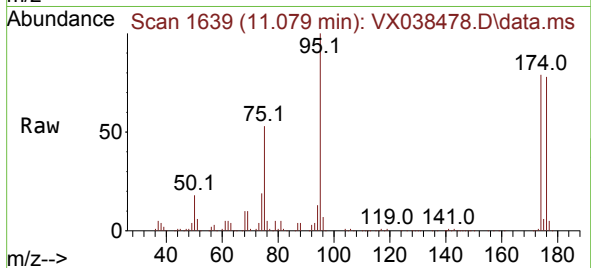




#62
4-Bromofluorobenzene
Concen: 45.101 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

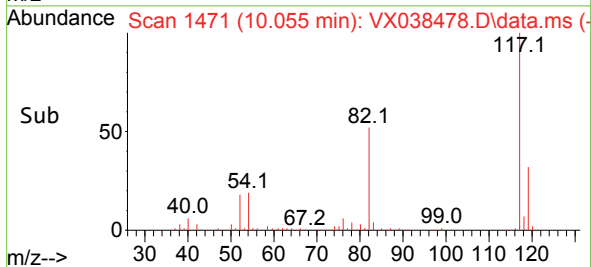
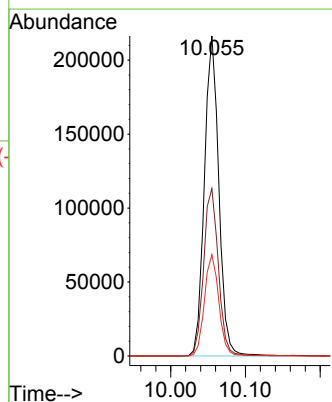
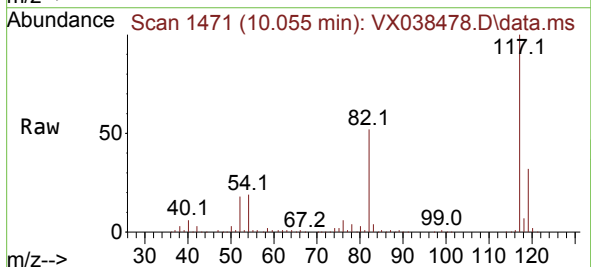
Instrument :
MSVOA_X
ClientSampleId :

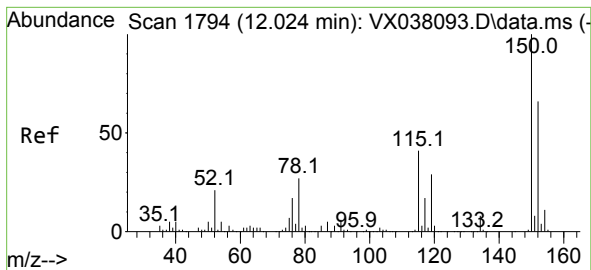
Tgt Ion: 95 Resp: 134660
Ion Ratio Lower Upper
95 100
174 85.4 0.0 135.6
176 83.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038478.D
Acq: 25 Oct 2023 14:34

Tgt Ion: 117 Resp: 290057
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038478.D

Acq: 25 Oct 2023 14:34

Instrument :

MSVOA_X

ClientSampleId :

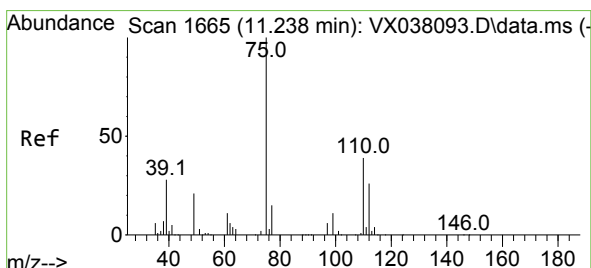
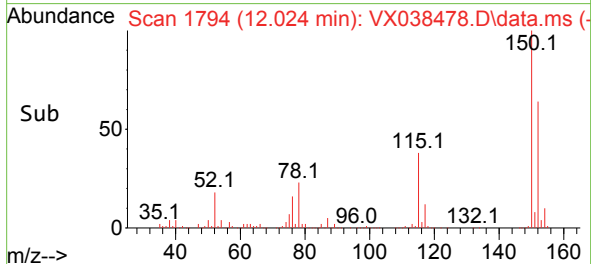
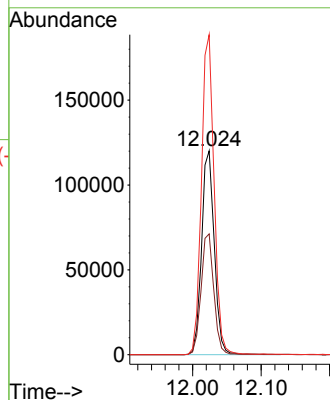
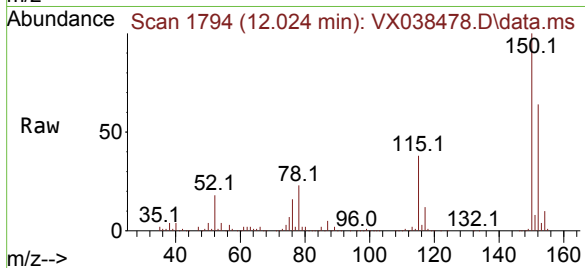
Tgt Ion:152 Resp: 155259

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.791 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038478.D

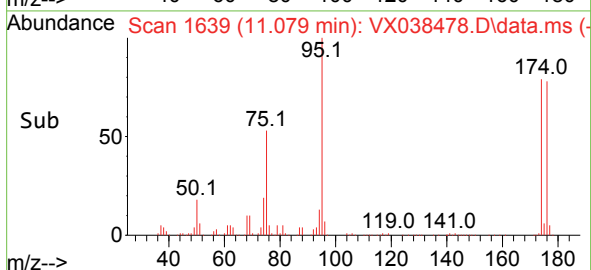
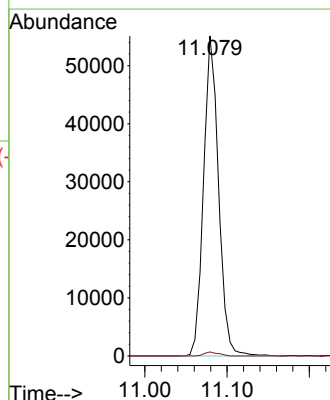
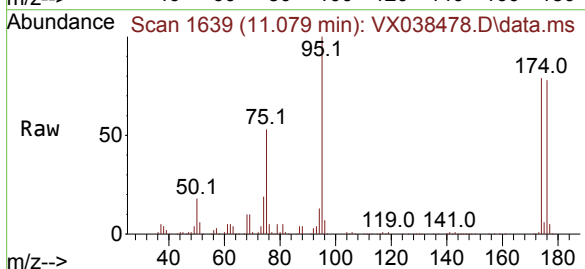
Acq: 25 Oct 2023 14:34

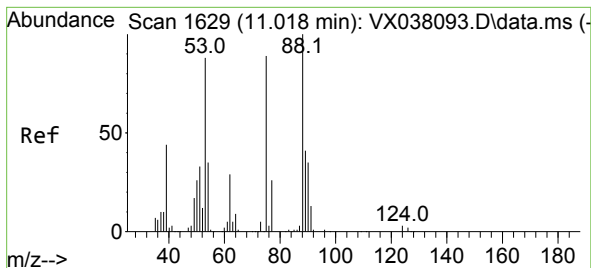
Tgt Ion: 75 Resp: 69854

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

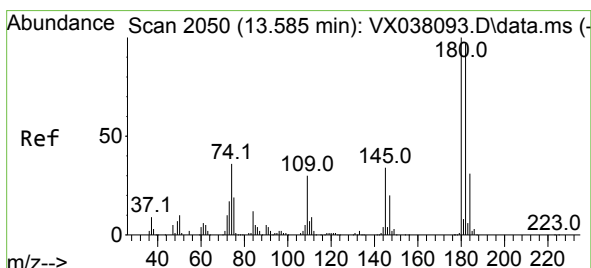
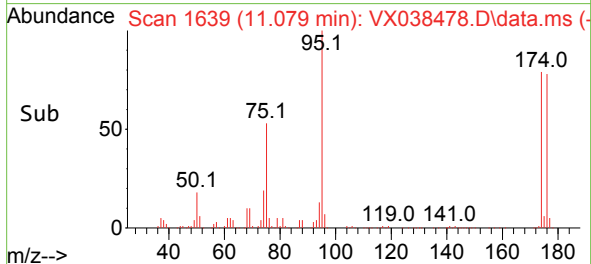
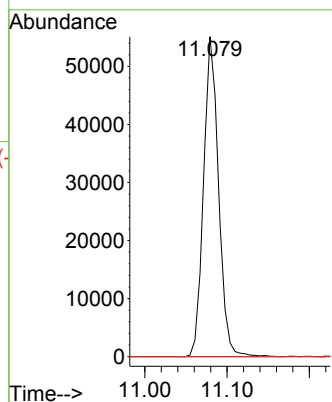
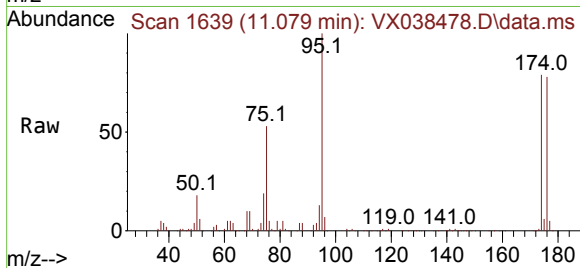




#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.160 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038478.D
 Acq: 25 Oct 2023 14:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 69854
 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: 0.352 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038478.D
 Acq: 25 Oct 2023 14:34

Tgt Ion:180 Resp: 1160
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.3 144.8
 145 30.4 18.0 54.0

