

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038437.D
 Acq On : 23 Oct 2023 17:01
 Operator : JC/MD
 Sample : 05007-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:04:53 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)

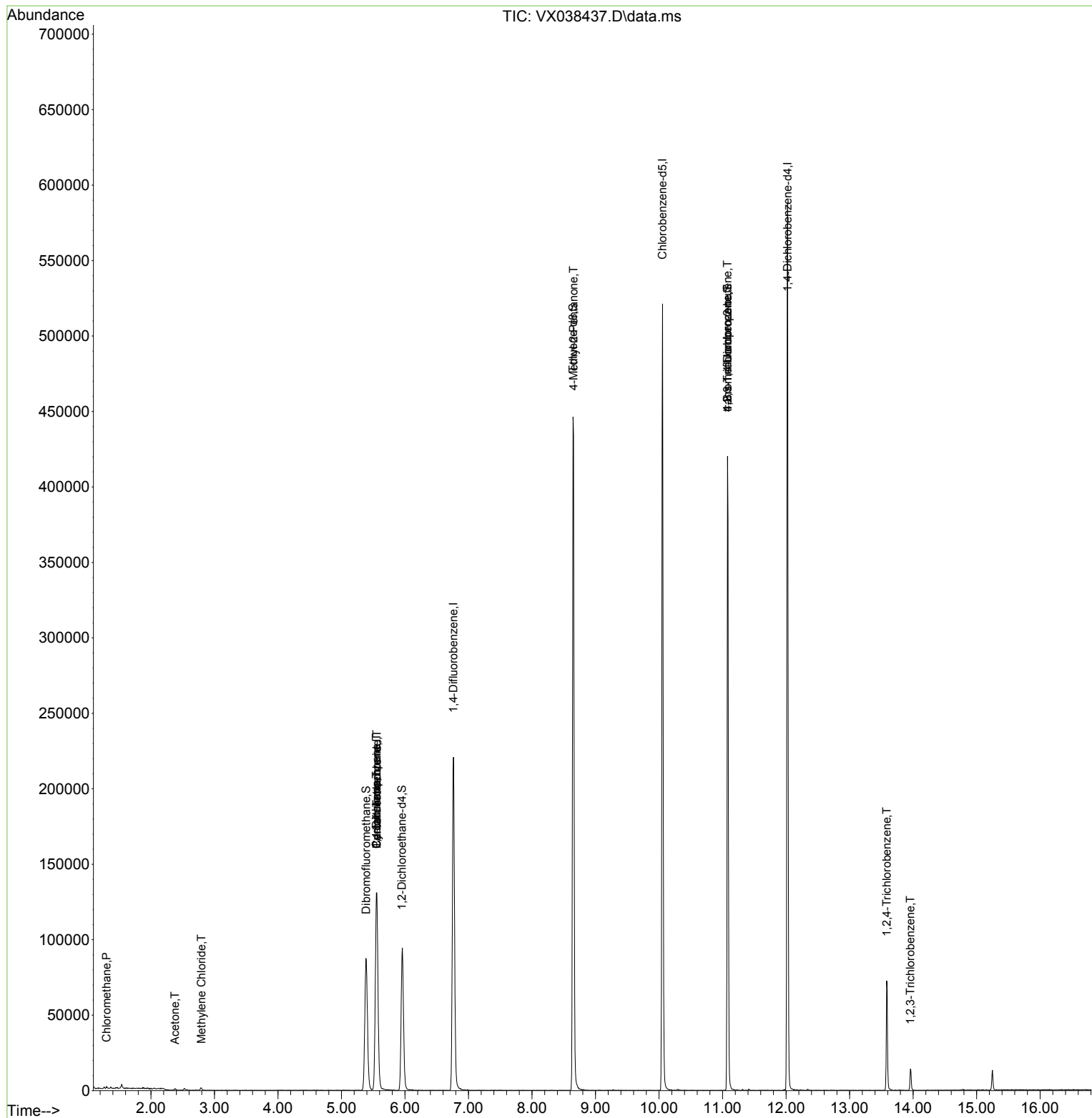
Internal Standards						
1) Pentafluorobenzene	5.556	168	125919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88923	43.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.820%
35) Dibromofluoromethane	5.385	113	76587	46.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	283428	45.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.500%#
62) 4-Bromofluorobenzene	11.079	95	107659	45.338	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1070	0.864	ug/l	91
5) Bromomethane	1.623	94	20	Below Cal	#	3
6) Chloroethane	1.666	64	25	Below Cal	#	43
16) Acetone	2.379	43	1041	1.232	ug/l	97
20) Methylene Chloride	2.794	84	843	0.530	ug/l #	83
31) Cyclohexane	5.550	56	2705	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10188	4.507	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13445	6.047	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1082	0.391	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57467	20.718	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57467	59.650	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	18518	7.159	ug/l	95
96) 1,2,3-Trichlorobenzene	13.957	180	3908	1.560	ug/l	94

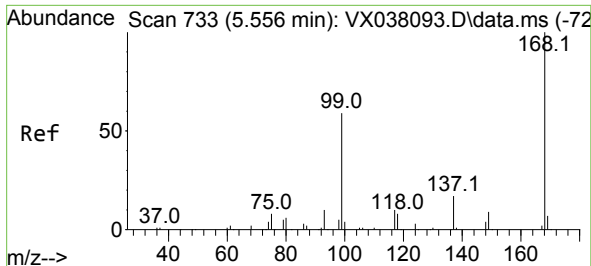
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
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MSVOA_X
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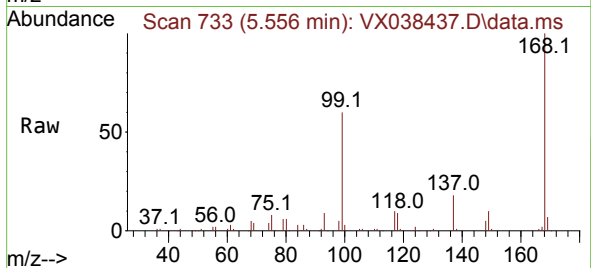
Quant Time: Oct 24 00:04:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



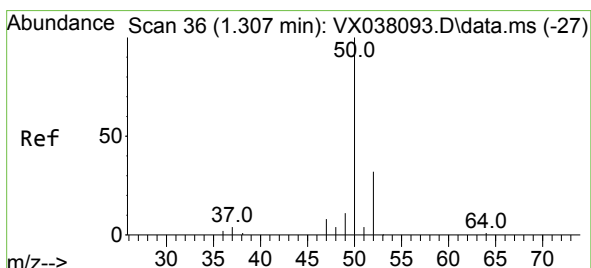
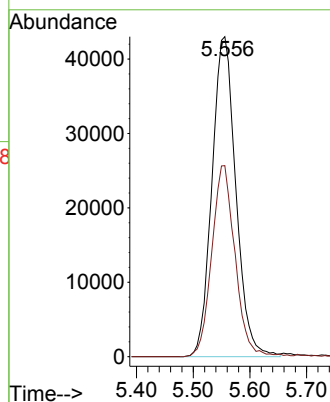
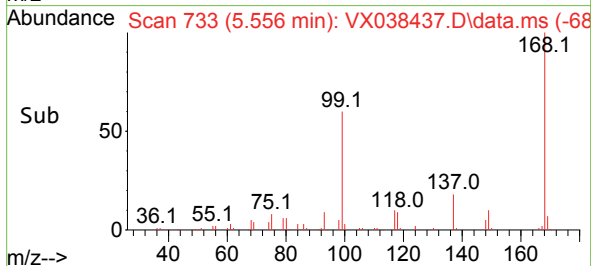


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :

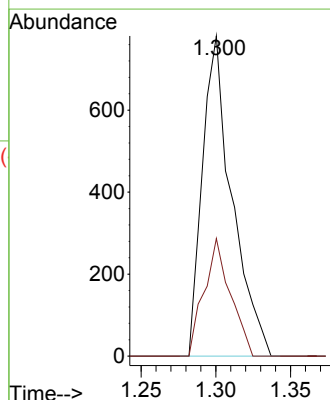
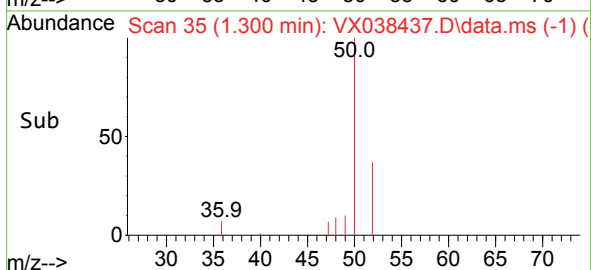
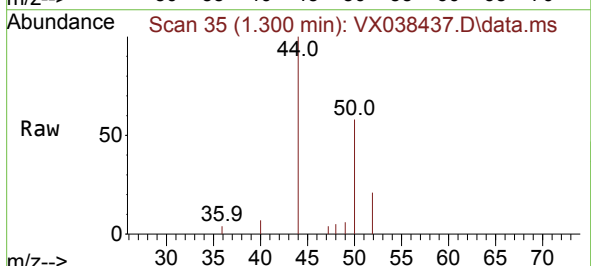


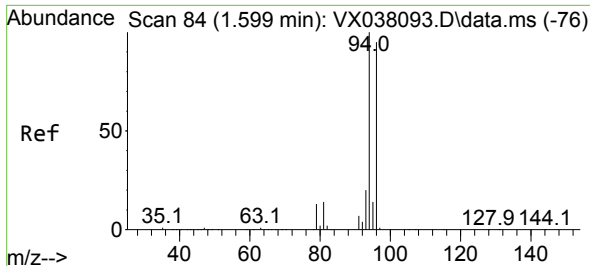
Tgt Ion:168 Resp: 125919
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#3
Chloromethane
Concen: 0.864 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 36.7 25.5 38.3

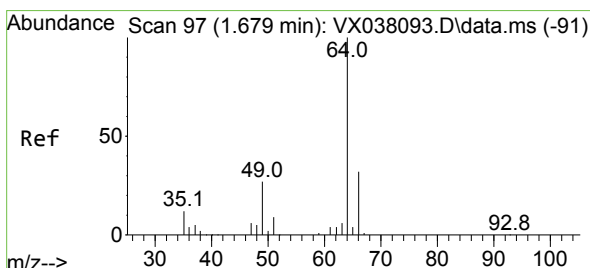
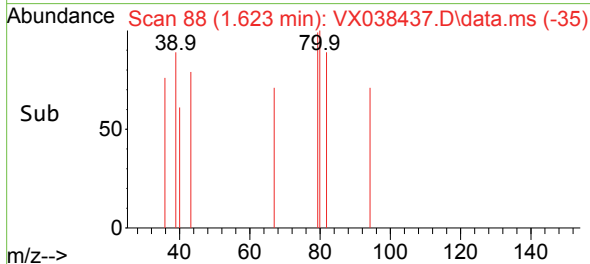
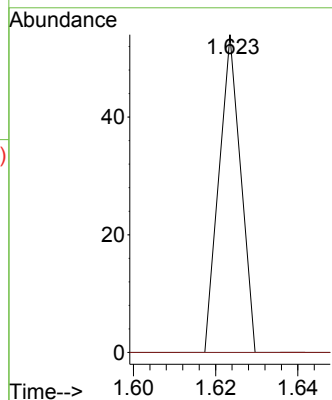
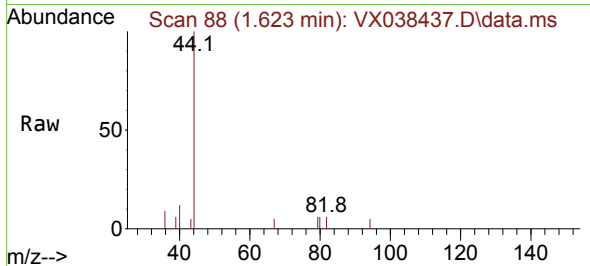




#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 84
Delta R.T. 0.024 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

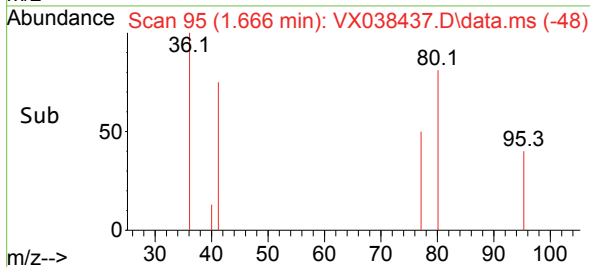
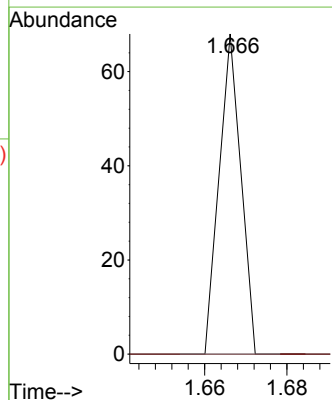
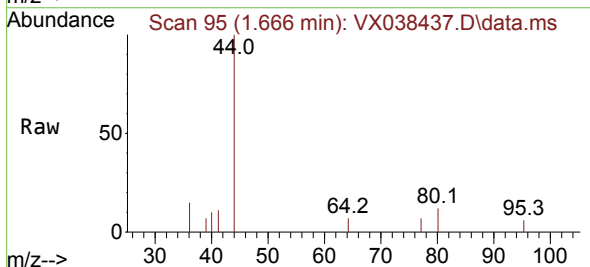
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

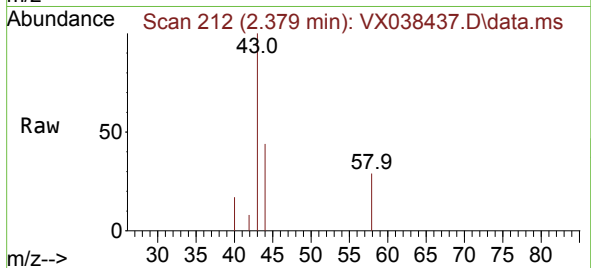
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



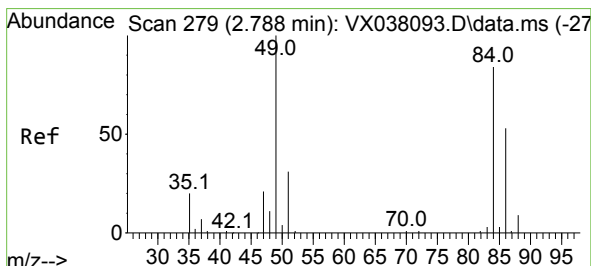
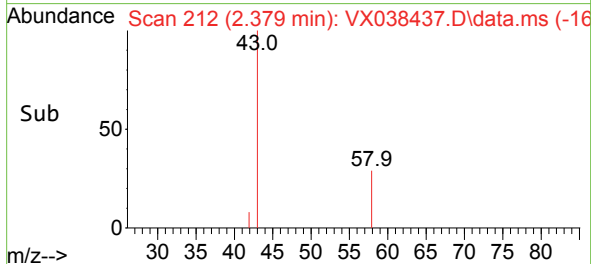
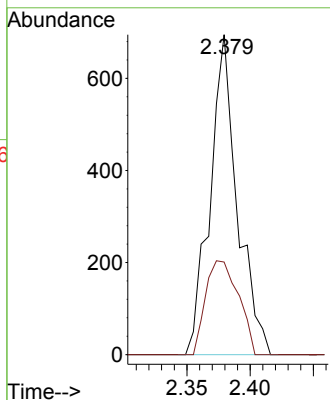


#16
Acetone
Concen: 1.232 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :

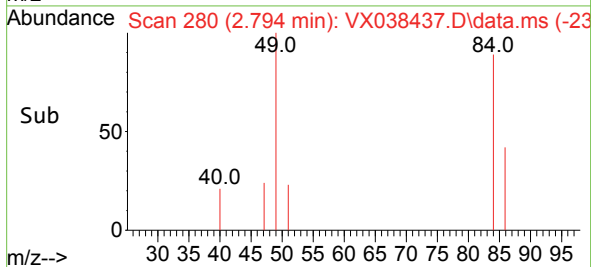
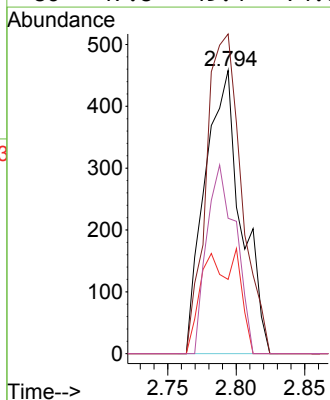
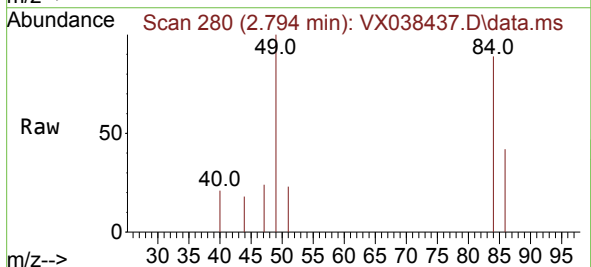


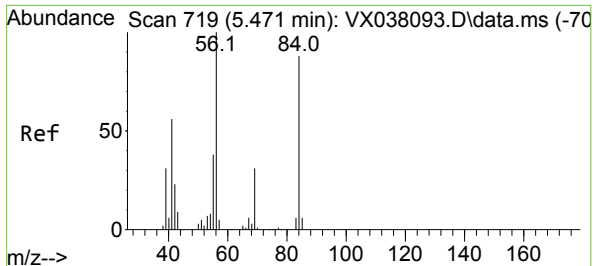
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.530 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

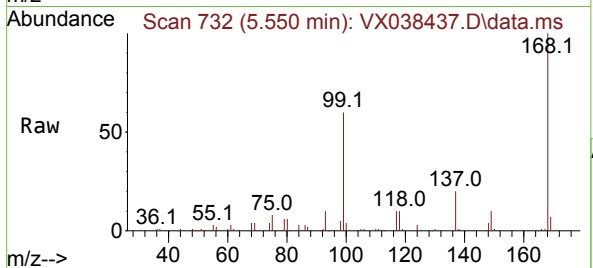
Tgt Ion: 84 Resp: 843
Ion Ratio Lower Upper
84 100
49 112.9 103.6 155.4
51 26.2 33.8 50.6#
86 47.8 49.4 74.0#



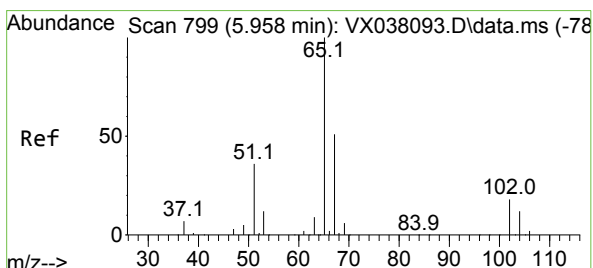
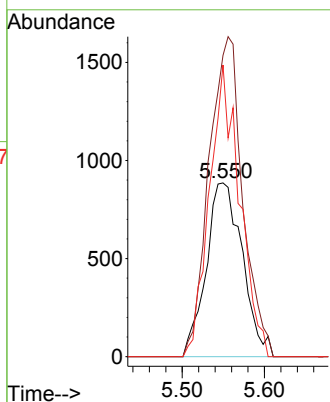
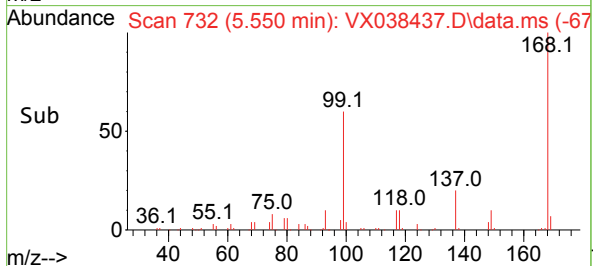


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :

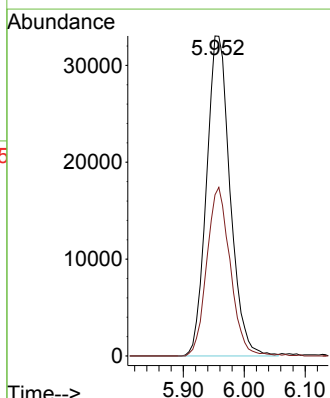
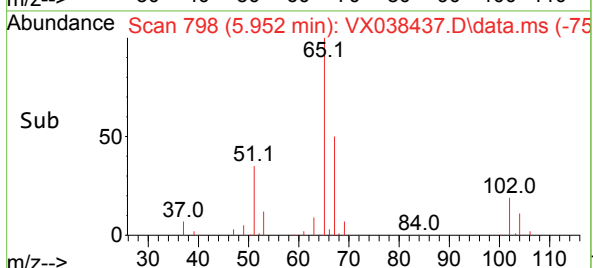
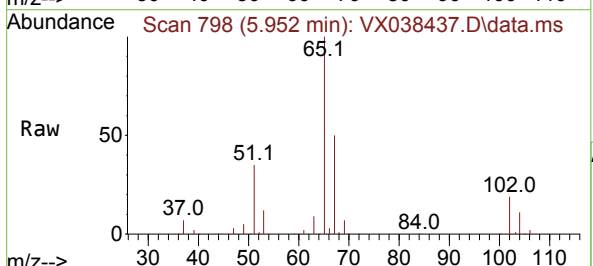


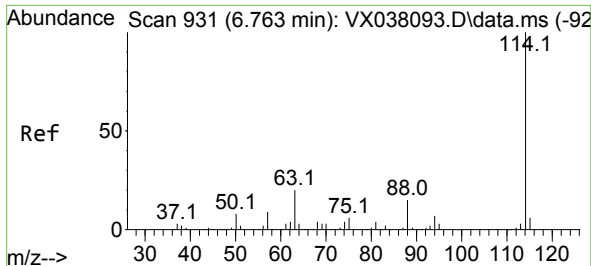
Tgt Ion: 56 Resp: 2705
Ion Ratio Lower Upper
56 100
69 173.4 23.4 35.2#
84 167.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.905 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

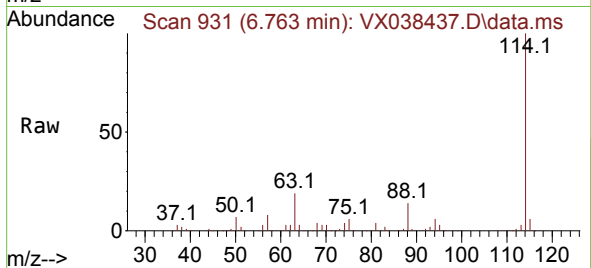
Tgt Ion: 65 Resp: 88923
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



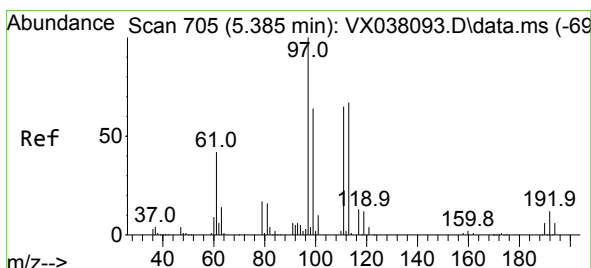
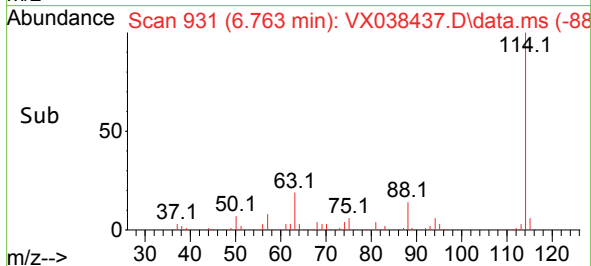
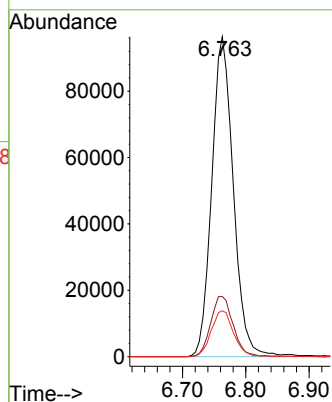


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :

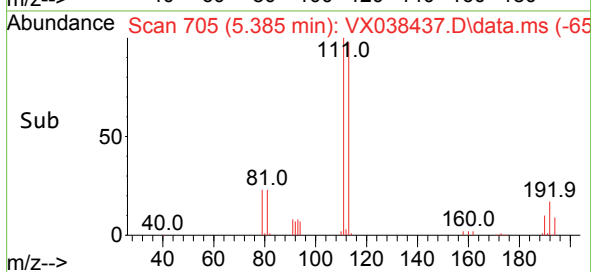
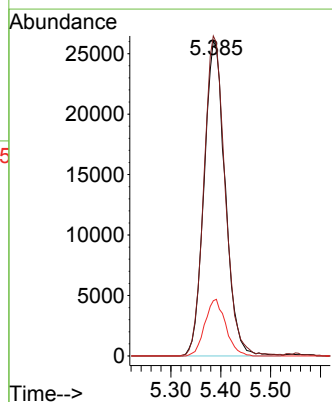
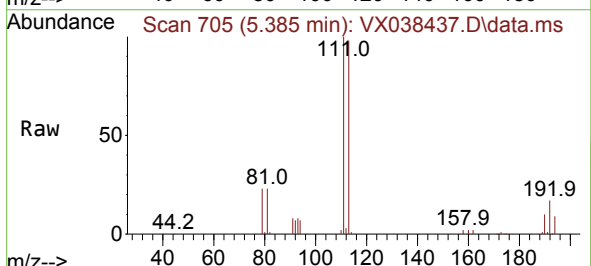


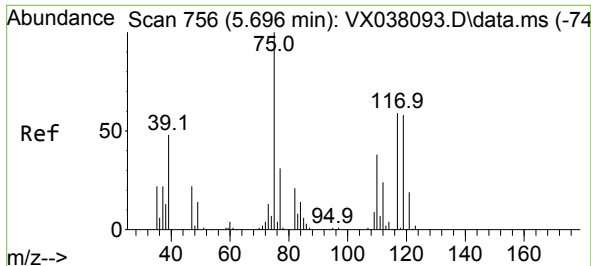
Tgt Ion:114 Resp: 227480
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.724 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

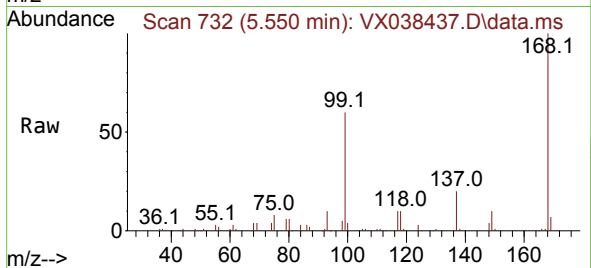
Tgt Ion:113 Resp: 76587
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 17.8 13.3 19.9



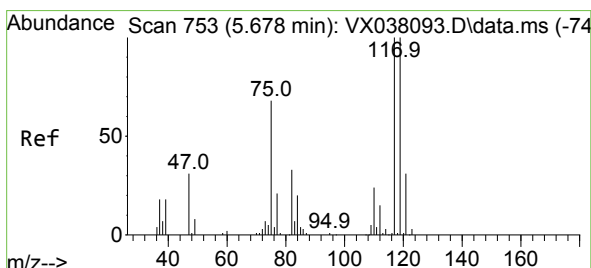
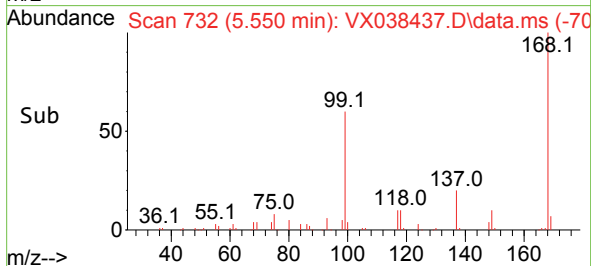
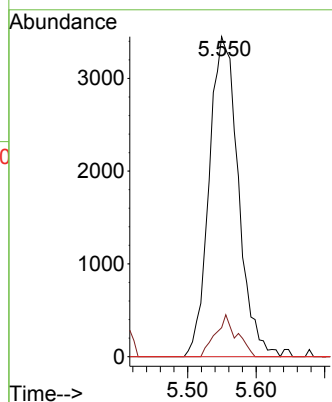


#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX038437.D
 Acq: 23 Oct 2023 17:01

Instrument :
 MSVOA_X
 ClientSampleId :

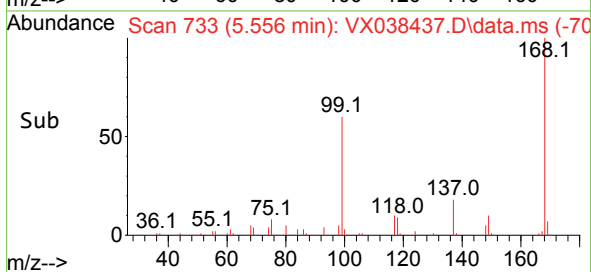
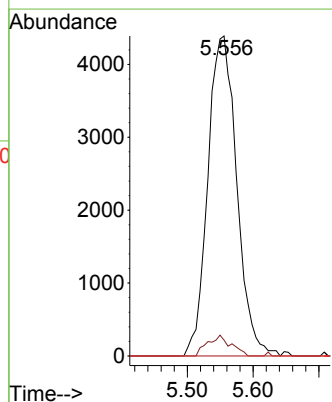
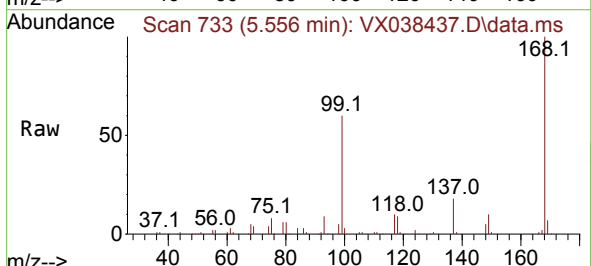


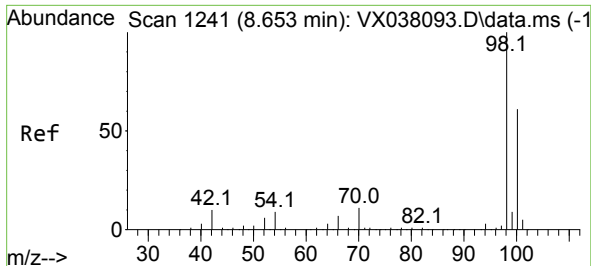
Tgt Ion: 75 Resp: 10188
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.047 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX038437.D
 Acq: 23 Oct 2023 17:01

Tgt Ion: 117 Resp: 13445
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.2 117.2#
 121 0.0 24.4 36.6#

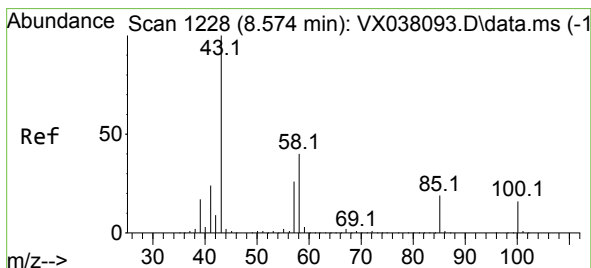
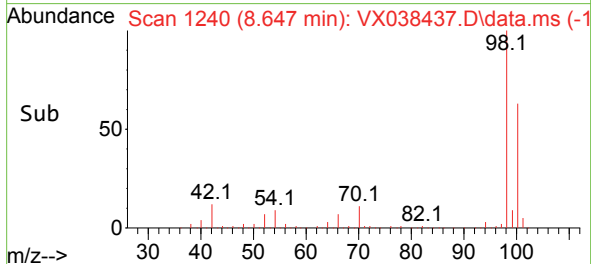
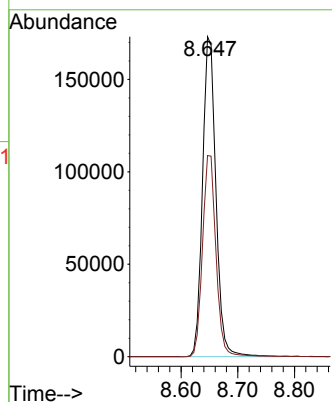
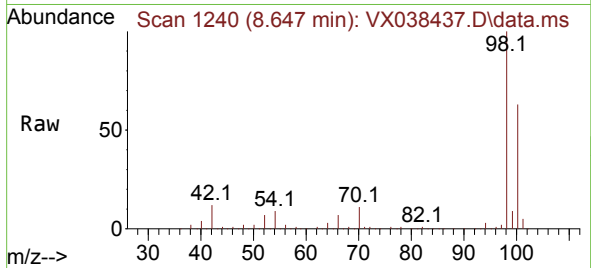




#50
Toluene-d8
Concen: 45.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

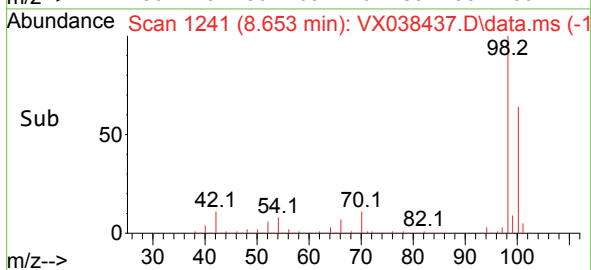
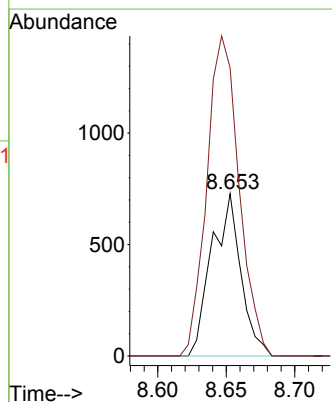
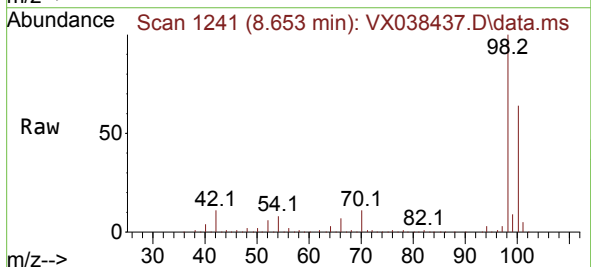
Instrument :
MSVOA_X
ClientSampleId :

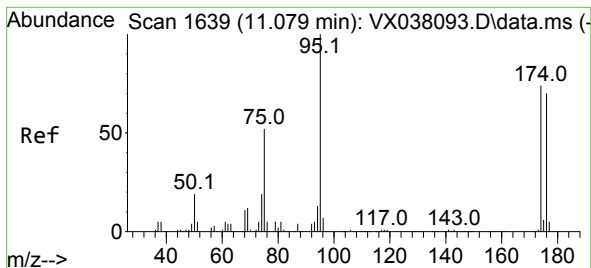
Tgt Ion: 98 Resp: 283428
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.391 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 217.5 30.4 45.6#

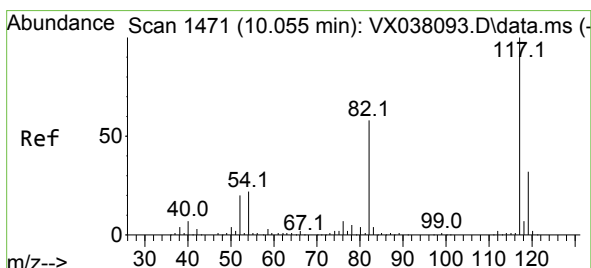
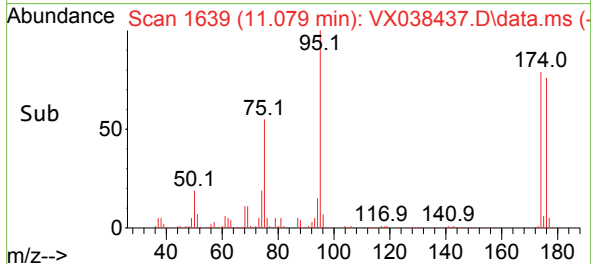
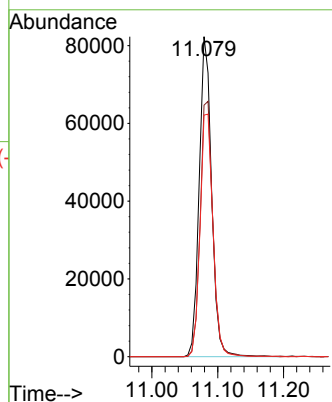
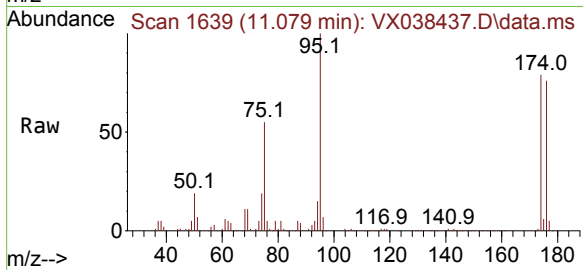




#62
4-Bromofluorobenzene
Concen: 45.338 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

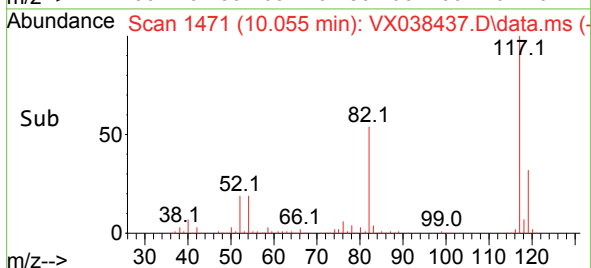
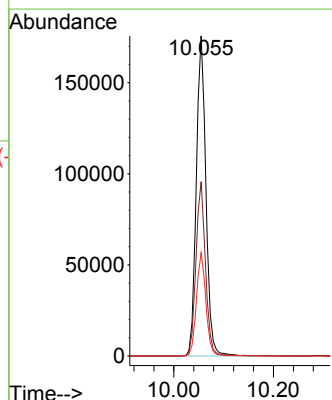
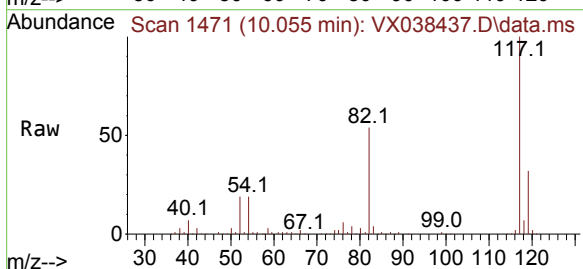
Instrument :
MSVOA_X
ClientSampleId :

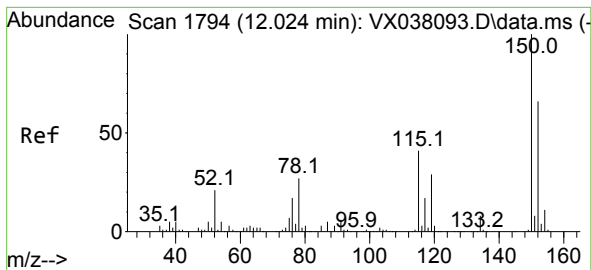
Tgt Ion: 95 Resp: 107659
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 79.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Tgt Ion: 117 Resp: 235805
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.3 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: VX038437.D

Acq: 23 Oct 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

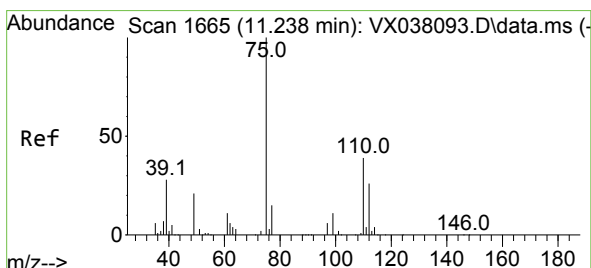
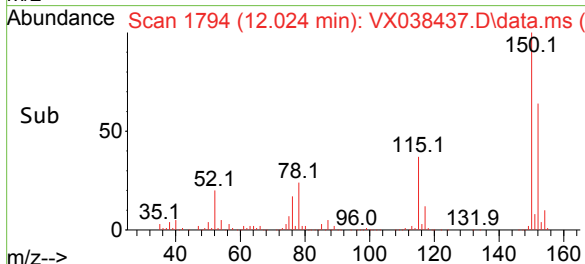
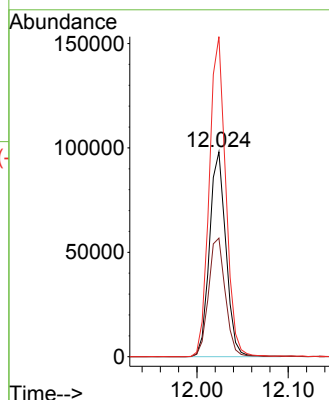
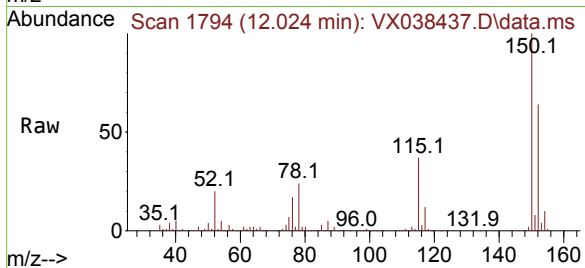
Tgt Ion:152 Resp: 122009

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.718 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038437.D

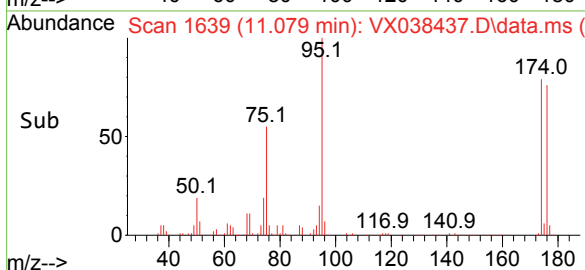
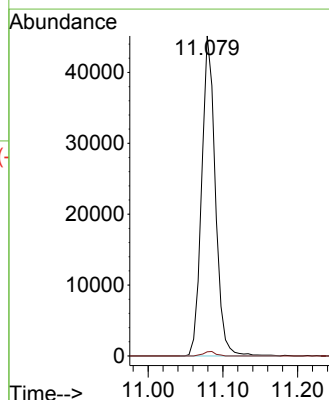
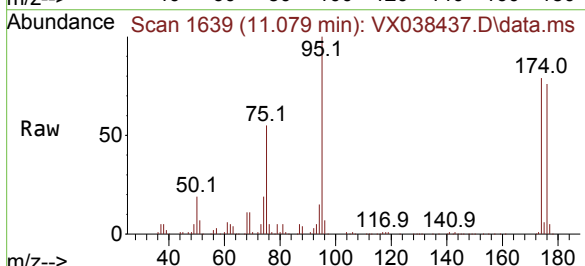
Acq: 23 Oct 2023 17:01

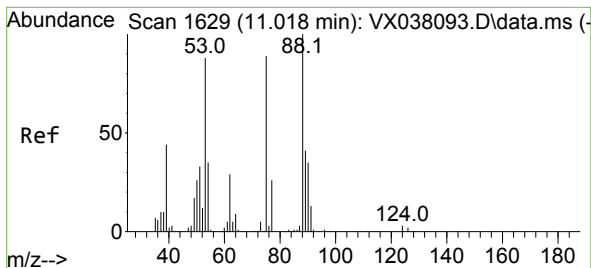
Tgt Ion: 75 Resp: 57467

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

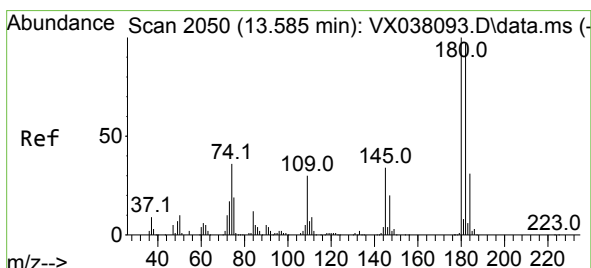
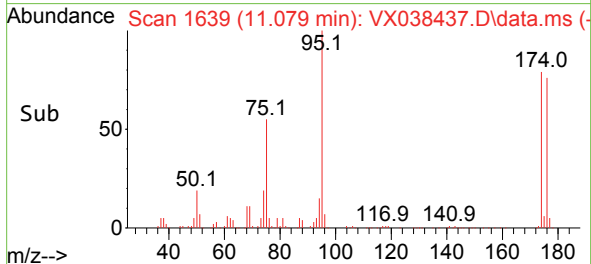
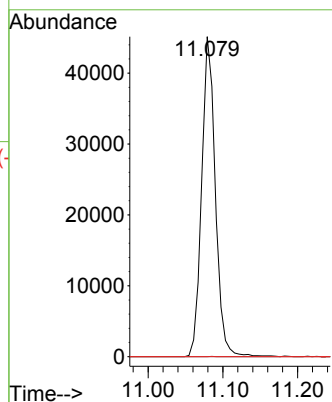
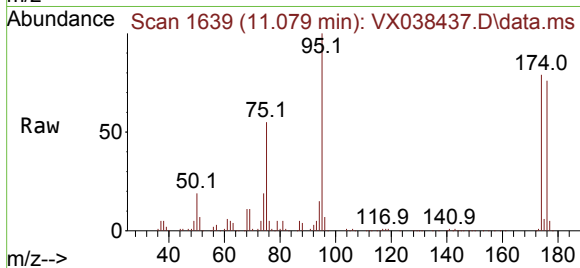




#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.650 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038437.D
 Acq: 23 Oct 2023 17:01

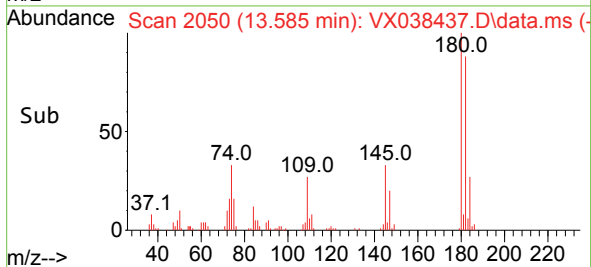
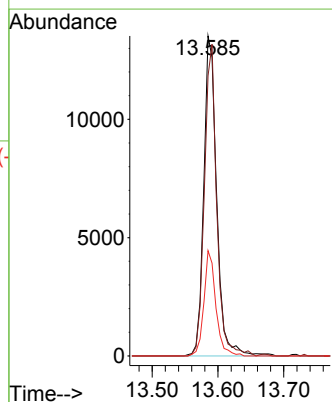
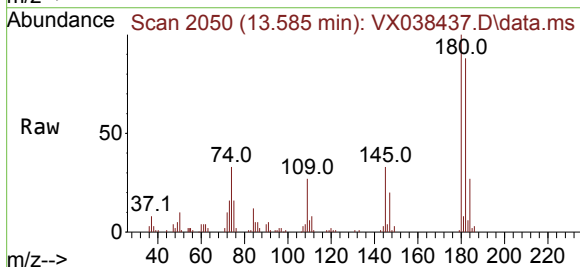
Instrument :
 MSVOA_X
 ClientSampleId :

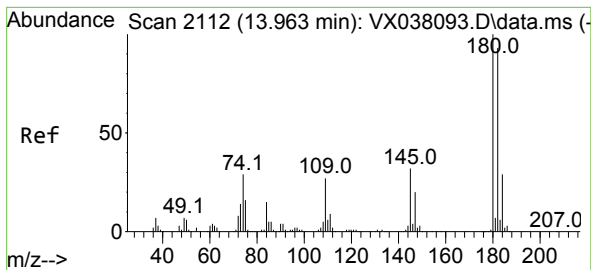
Tgt Ion: 75 Resp: 57467
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 7.159 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX038437.D
 Acq: 23 Oct 2023 17:01

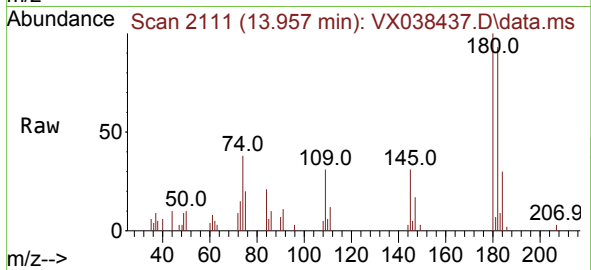
Tgt Ion:180 Resp: 18518
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.3 144.8
 145 30.5 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.560 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX038437.D
 Acq: 23 Oct 2023 17:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	3908
Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.9	140.6
145	31.9	17.8	53.5

