

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038361.D
 Acq On : 18 Oct 2023 14:39
 Operator : JC/MD
 Sample : 04940-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:40:41 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)

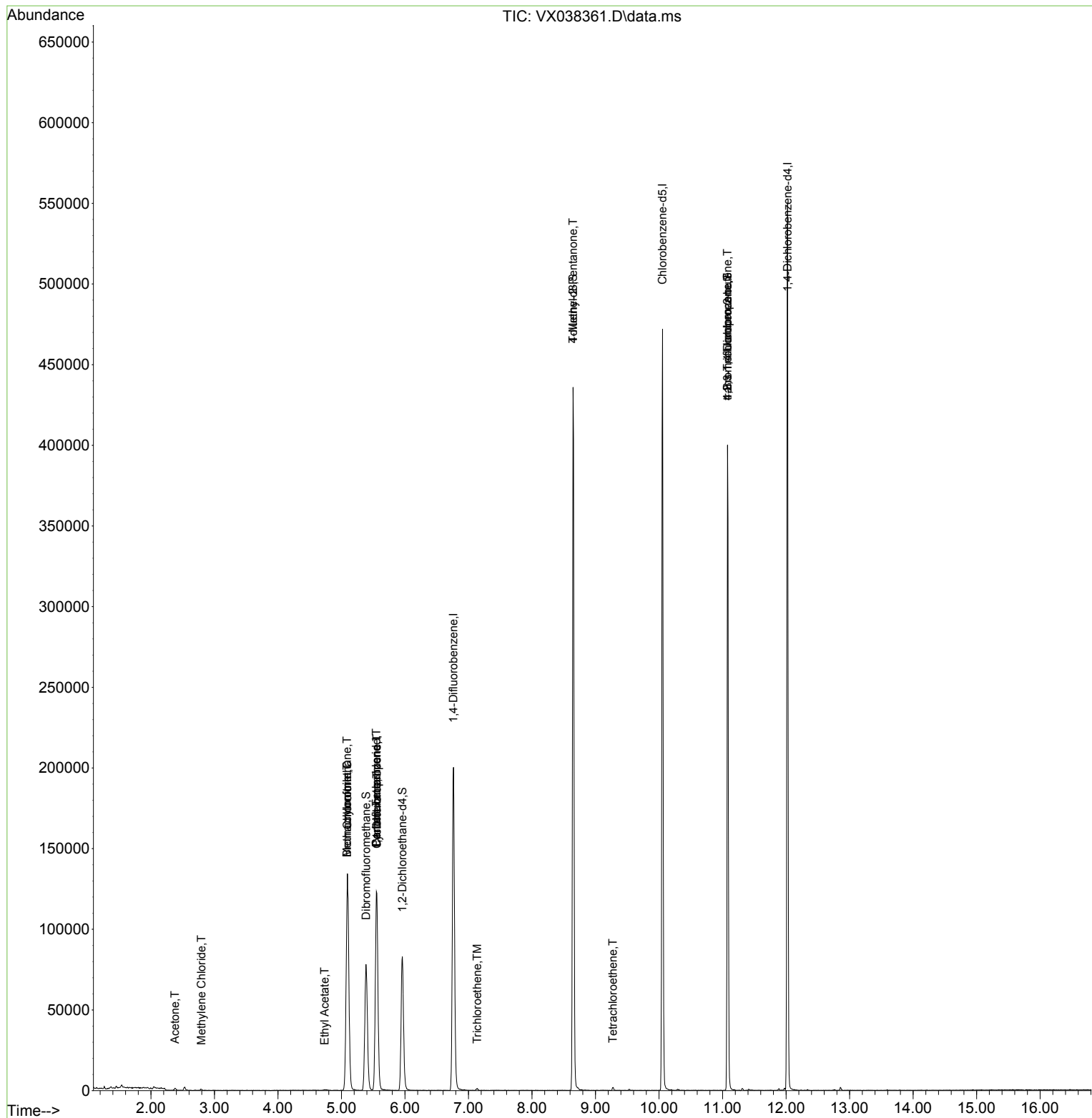
Internal Standards						
1) Pentafluorobenzene	5.550	168	115240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81203	43.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.620%
35) Dibromofluoromethane	5.385	113	65872	44.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.400%
50) Toluene-d8	8.647	98	260610	45.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.079	95	99751	46.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	204	Below Cal	#	72
16) Acetone	2.380	43	1336	1.727	ug/l	95
20) Methylene Chloride	2.794	84	326	0.224	ug/l #	52
28) Bromochloromethane	5.086	49	12221	11.286	ug/l #	16
30) Chloroform	5.093	83	150394	57.336	ug/l	100
31) Cyclohexane	5.556	56	2921	1.455	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	9797	4.767	ug/l #	49
37) Ethyl Acetate	4.733	43	1181	0.484	ug/l #	69
38) Carbon Tetrachloride	5.550	117	11827	5.850	ug/l #	17
41) Methacrylonitrile	5.086	41	486	0.400	ug/l #	25
44) Trichloroethene	7.135	130	559	0.372	ug/l	82
51) 4-Methyl-2-Pentanone	8.647	43	1140	0.454	ug/l #	1
64) Tetrachloroethene	9.275	164	309	0.229	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	55871	22.009	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55871	63.116	ug/l #	5

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

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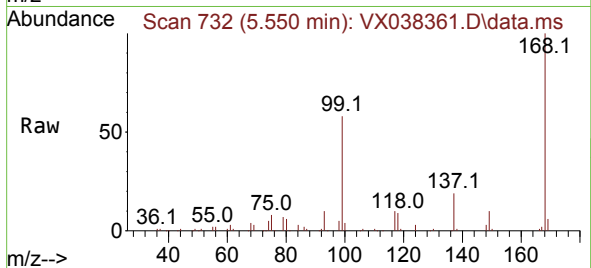
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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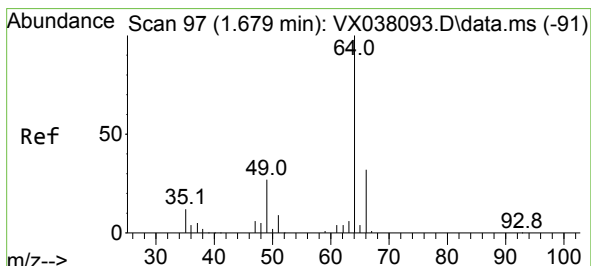
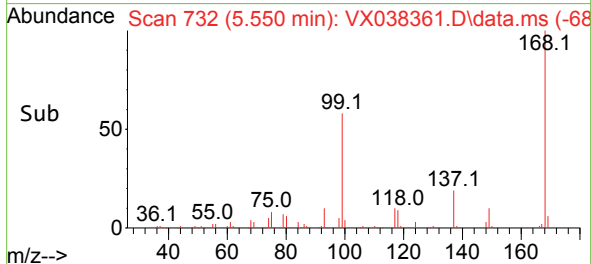
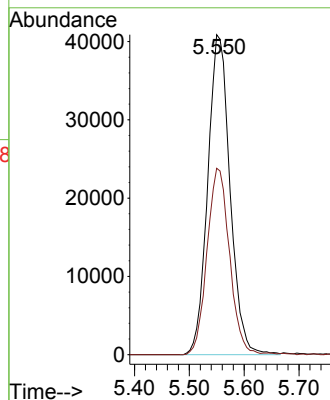


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

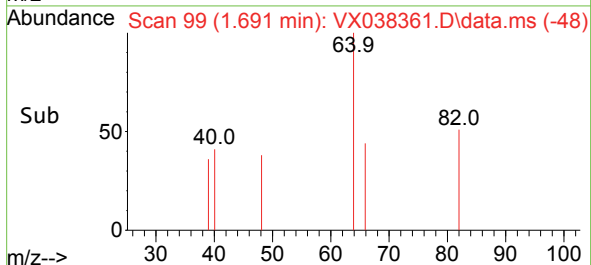
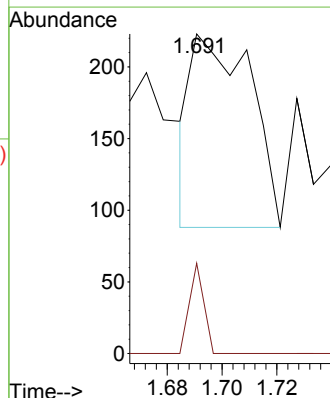
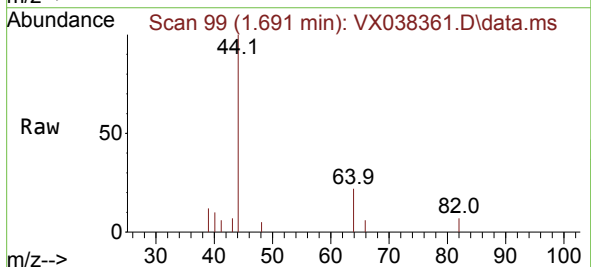


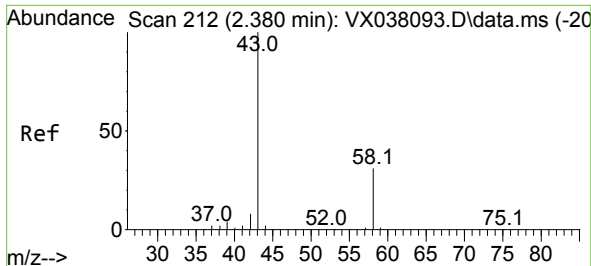
Tgt Ion:168 Resp: 115240
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 46.7 25.1 37.7#

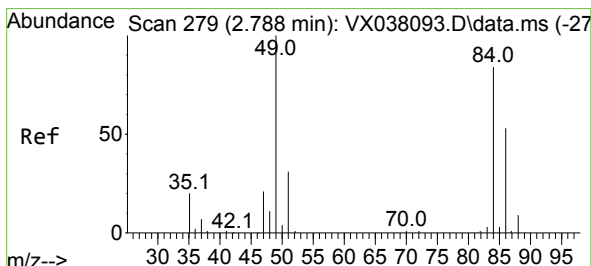
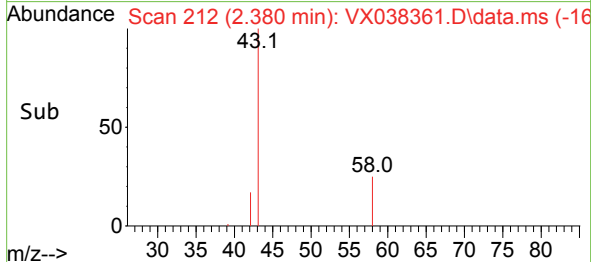
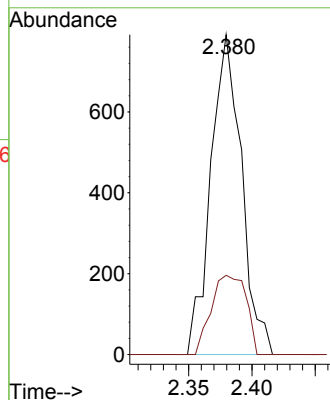
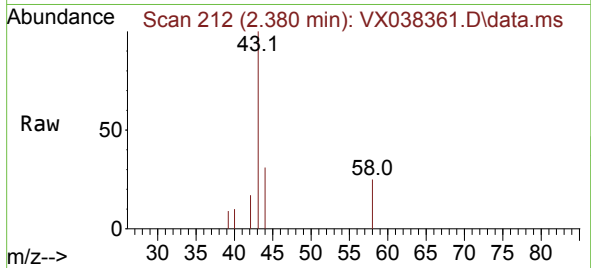




#16
Acetone
Concen: 1.727 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

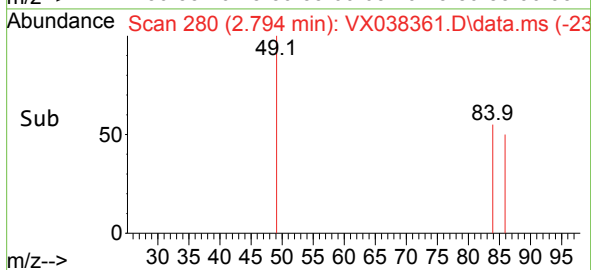
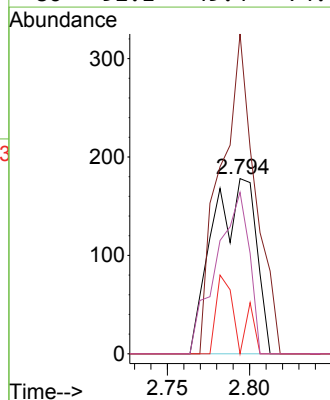
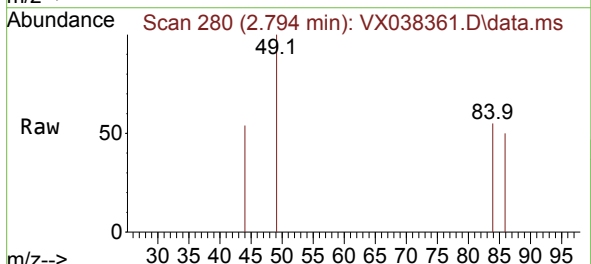
Instrument :
MSVOA_X
ClientSampleId :

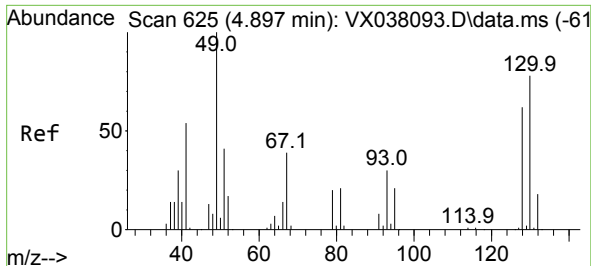
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 24.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Tgt Ion: 84 Resp: 326
Ion Ratio Lower Upper
84 100
49 182.6 103.6 155.4#
51 0.0 33.8 50.6#
86 92.1 49.4 74.0#

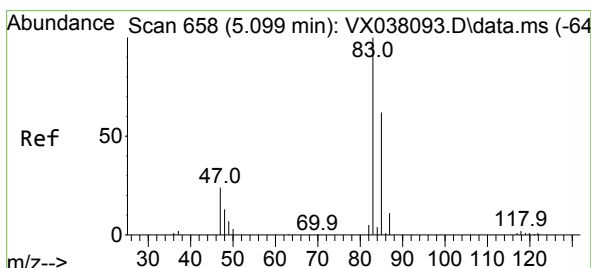
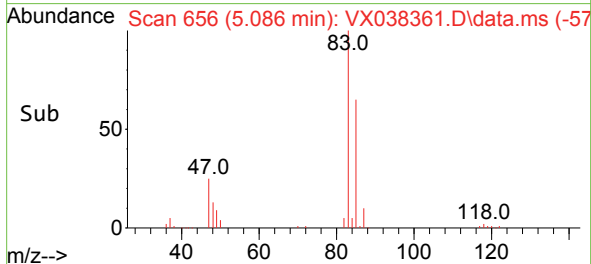
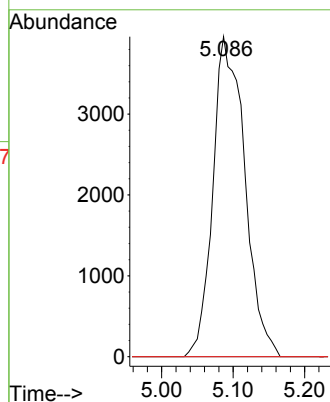
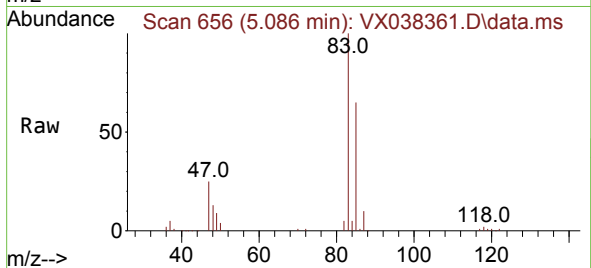




#28
Bromochloromethane
Concen: 11.286 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

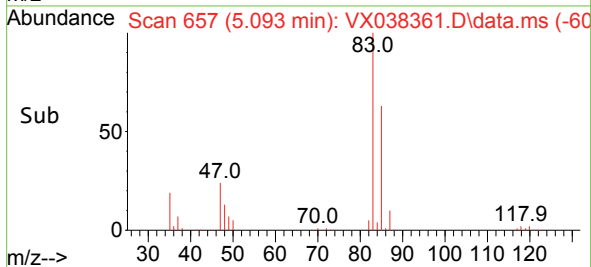
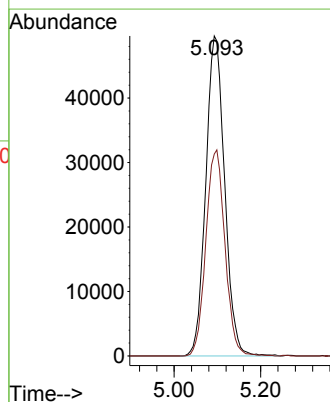
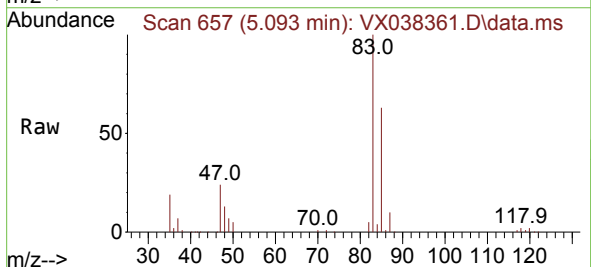
Instrument :
MSVOA_X
ClientSampleId :

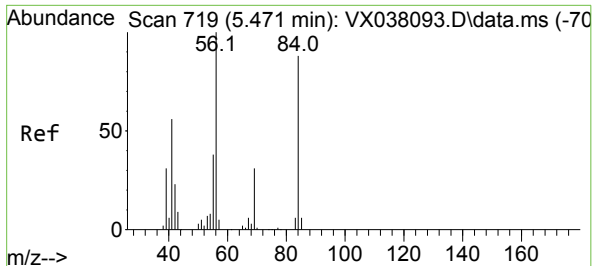
Tgt Ion: 49 Resp: 12221
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 57.336 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

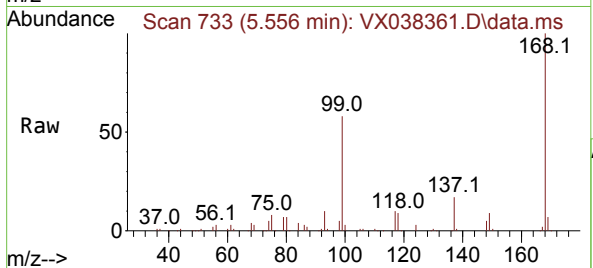
Tgt Ion: 83 Resp: 150394
Ion Ratio Lower Upper
83 100
85 63.1 50.3 75.5



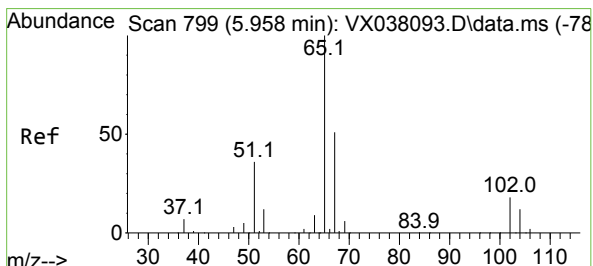
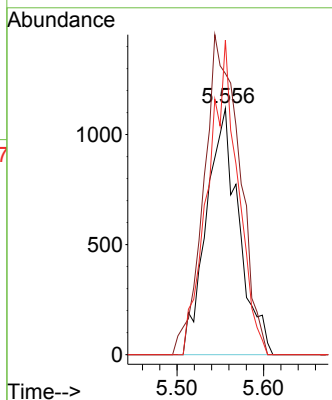
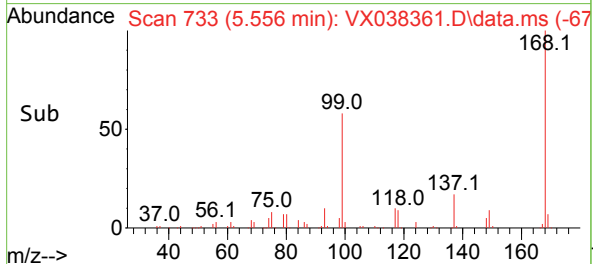


#31
Cyclohexane
Concen: 1.455 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

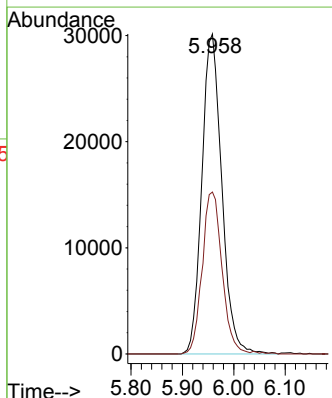
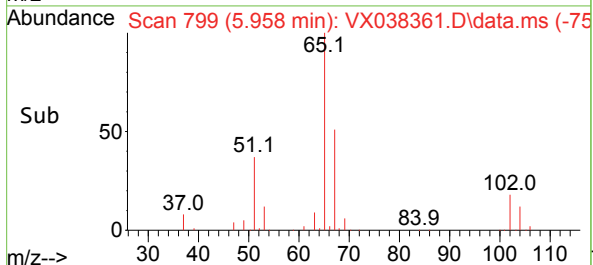
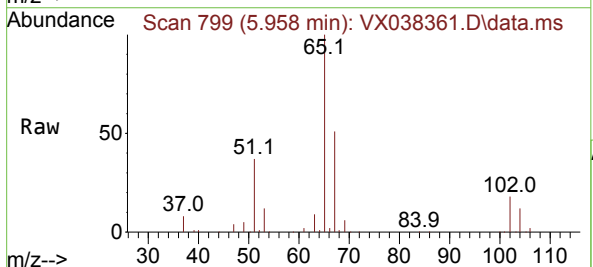


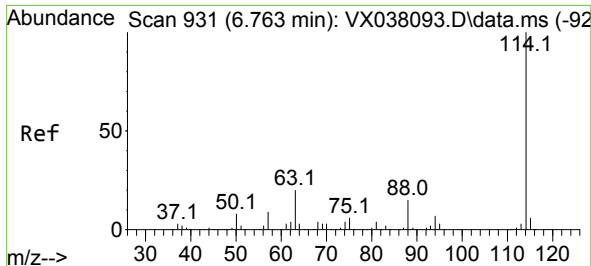
Tgt Ion: 56 Resp: 2921
Ion Ratio Lower Upper
56 100
69 114.1 23.4 35.2#
84 127.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.809 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Tgt Ion: 65 Resp: 81203
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

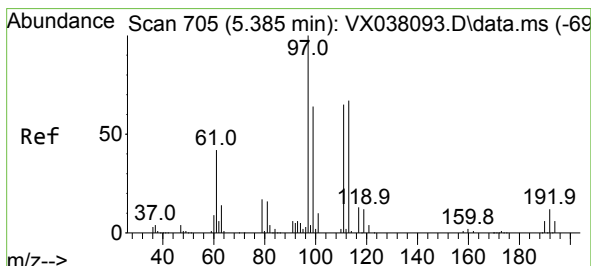
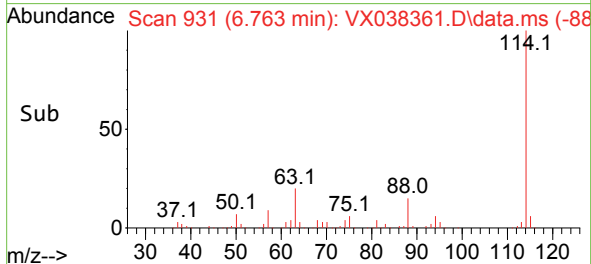
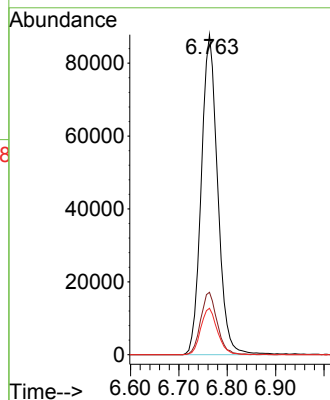
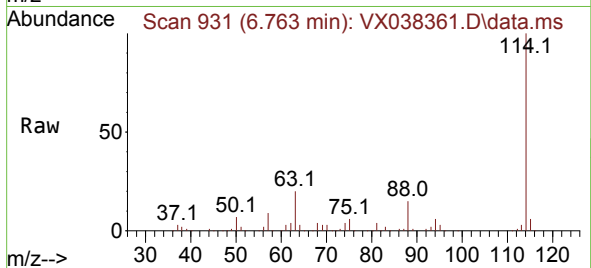




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

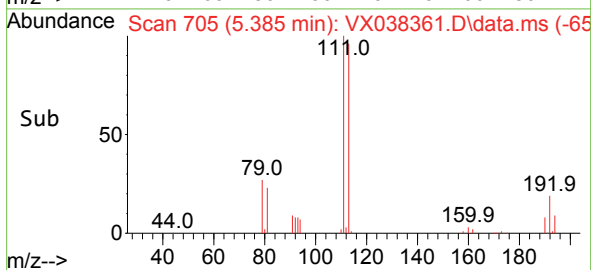
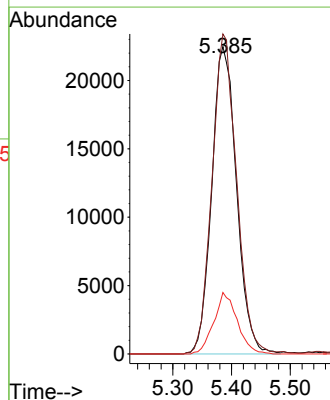
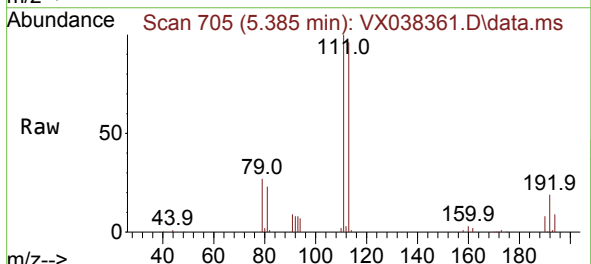
Instrument :
MSVOA_X
ClientSampleId :

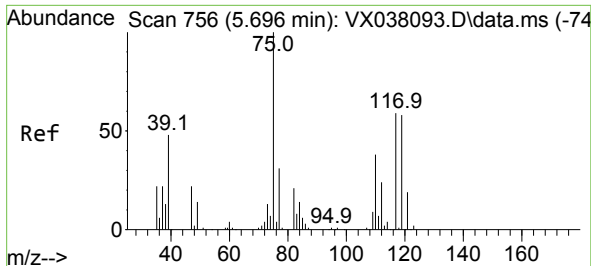
Tgt Ion:114 Resp: 206843
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.197 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

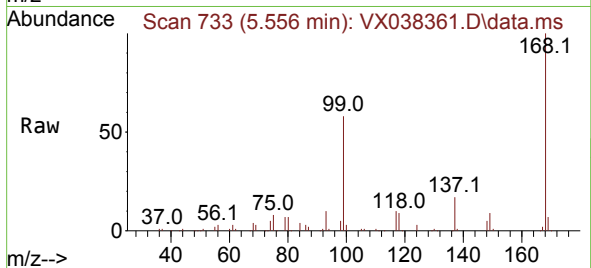
Tgt Ion:113 Resp: 65872
Ion Ratio Lower Upper
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111 103.5 82.9 124.3
192 18.9 13.3 19.9



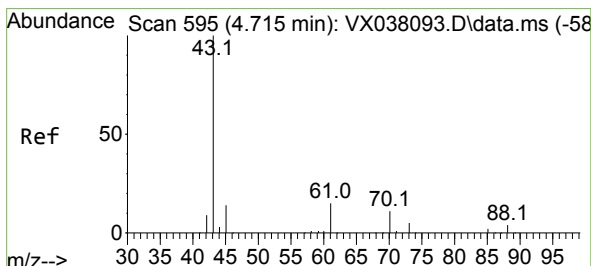
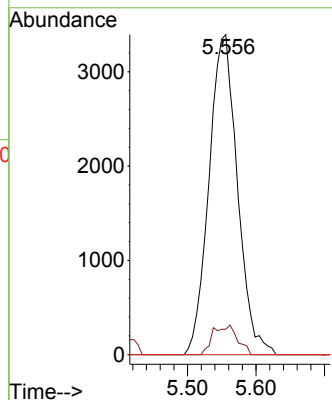
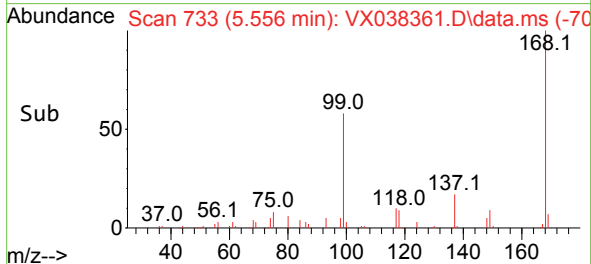


#36
1,1-Dichloropropene
Concen: 4.767 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

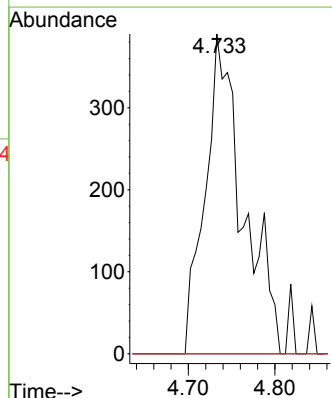
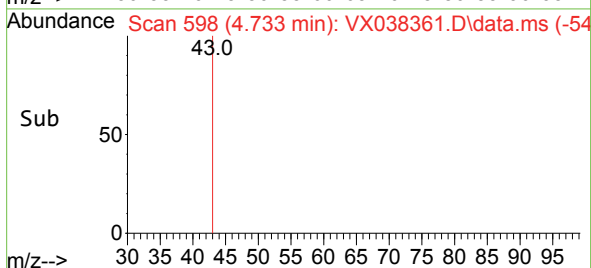
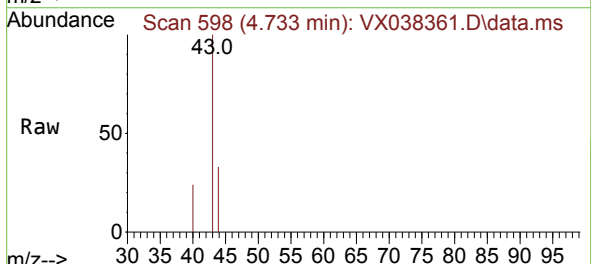


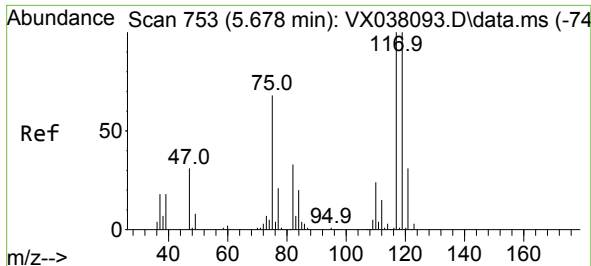
Tgt Ion: 75 Resp: 9797
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.484 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

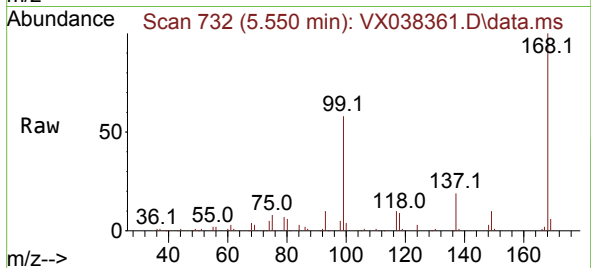
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



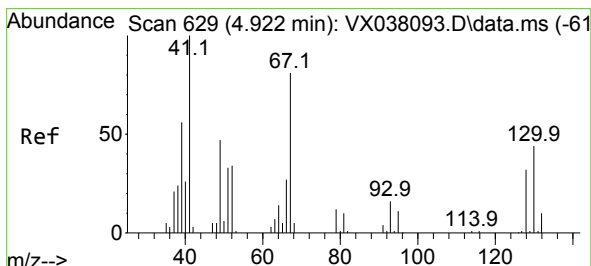
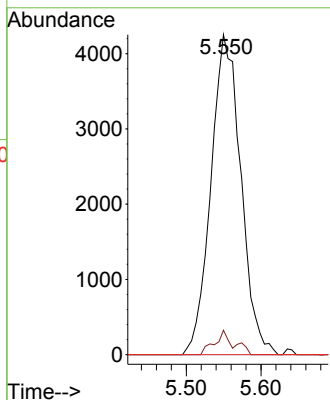
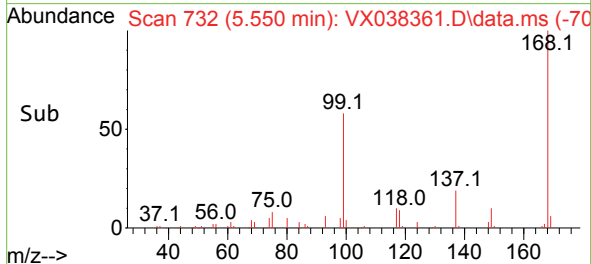


#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

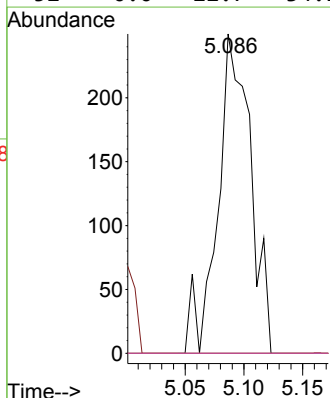
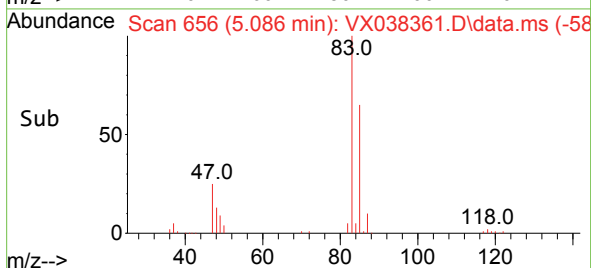
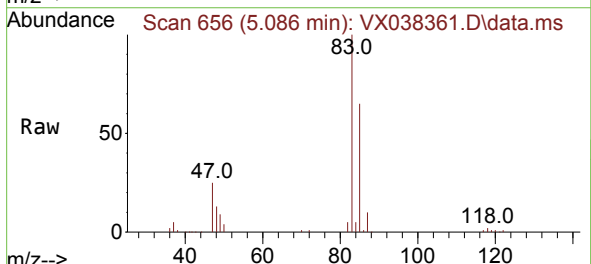


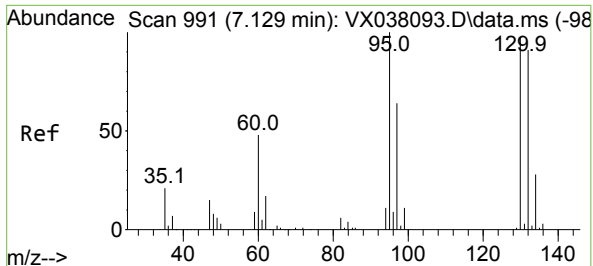
Tgt Ion:117 Resp: 11827
Ion Ratio Lower Upper
117 100
119 7.7 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.400 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.164 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Tgt Ion: 41 Resp: 486
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

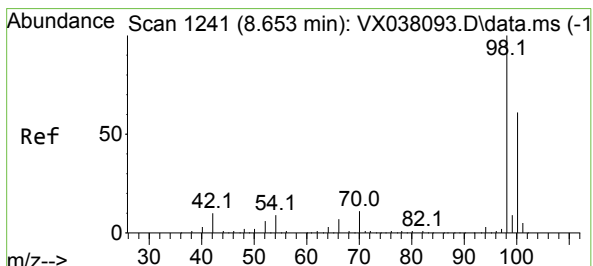
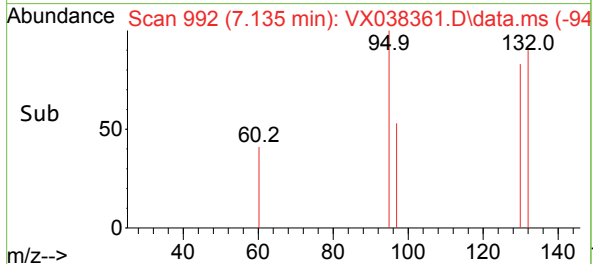
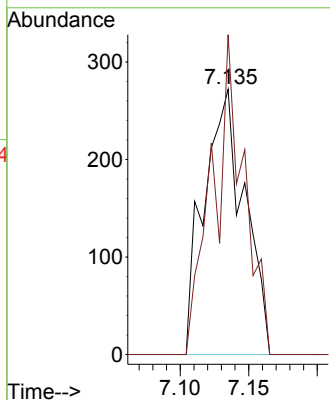
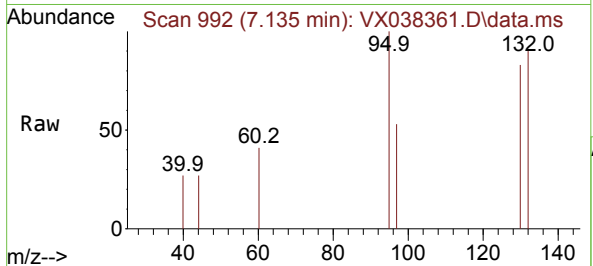




#44
Trichloroethene
Concen: 0.372 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

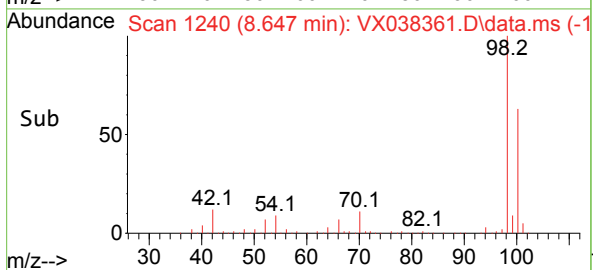
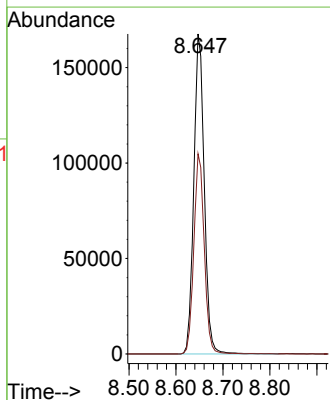
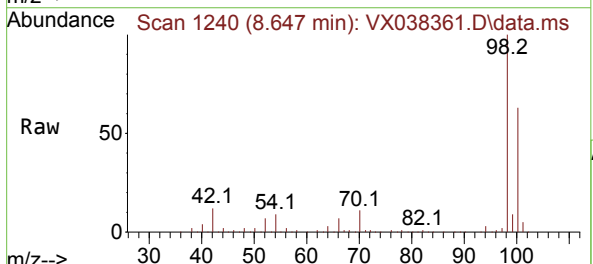
Instrument :
MSVOA_X
ClientSampleId :

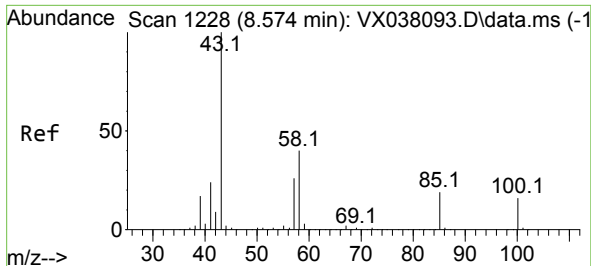
Tgt Ion:130 Resp: 559
Ion Ratio Lower Upper
130 100
95 120.6 0.0 204.4



#50
Toluene-d8
Concen: 45.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Tgt Ion: 98 Resp: 260610
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7

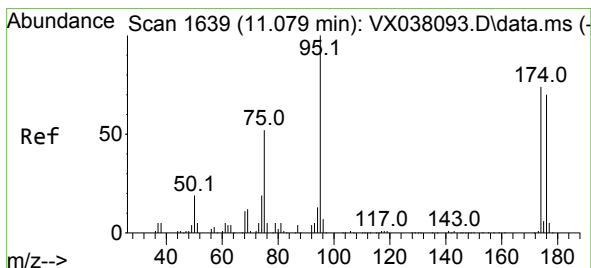
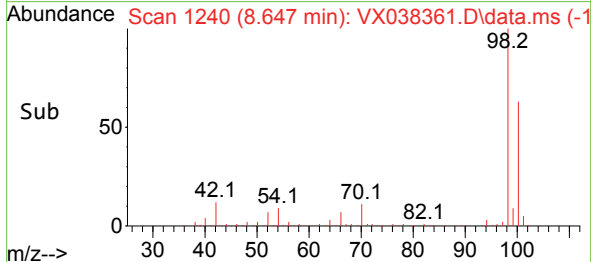
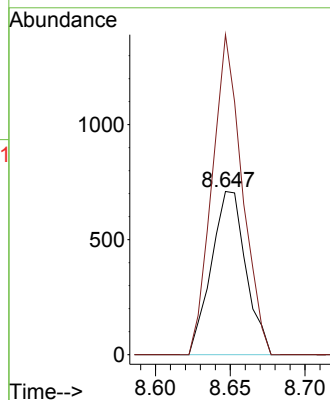
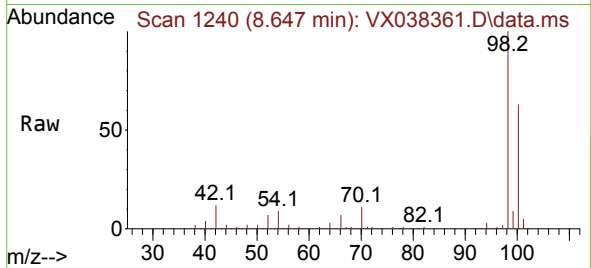




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

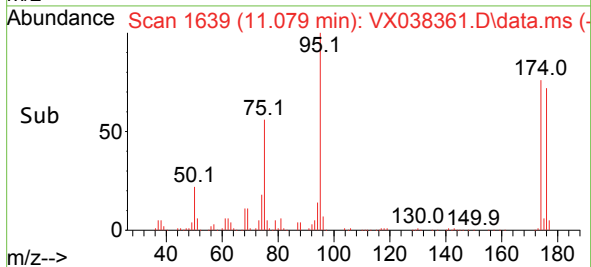
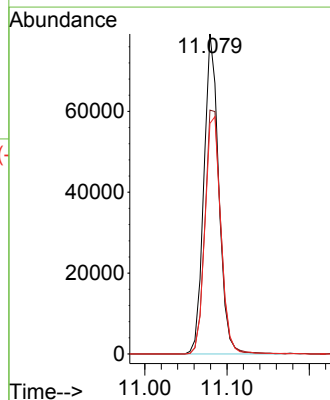
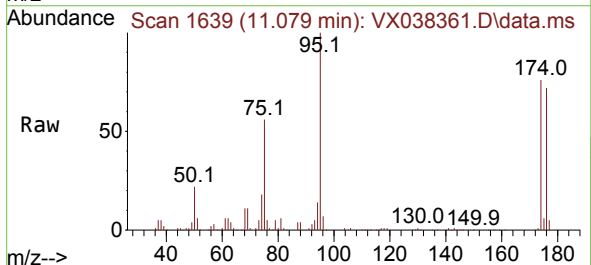
Instrument :
MSVOA_X
ClientSampleId :

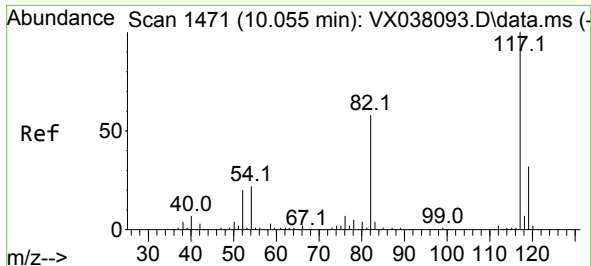
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 170.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

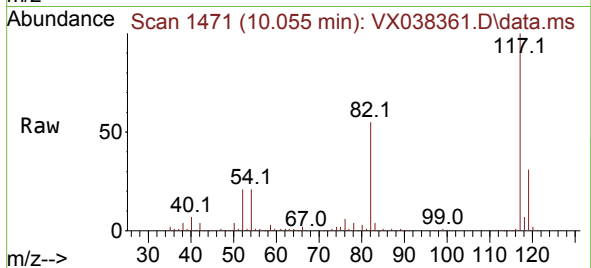
Tgt Ion: 95 Resp: 99751
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 79.2 0.0 131.0



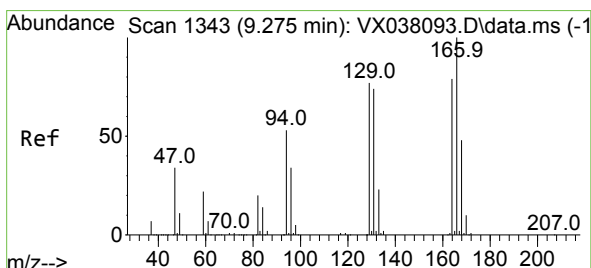
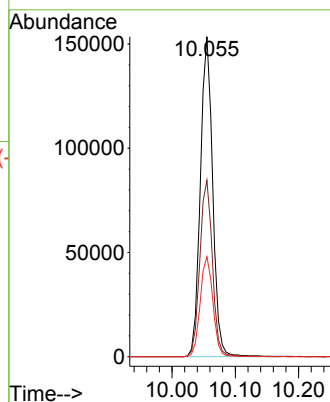
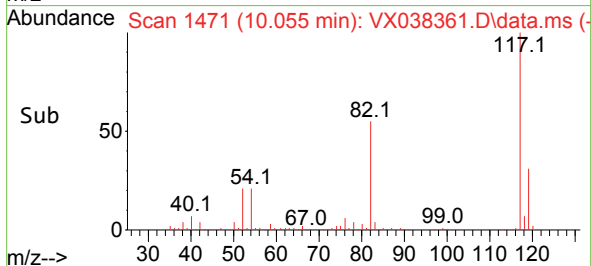


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

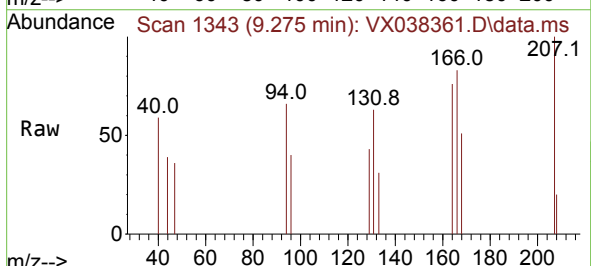
Instrument :
MSVOA_X
ClientSampleId :



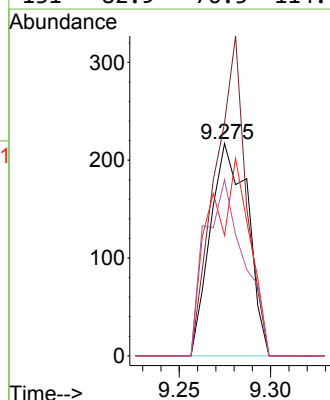
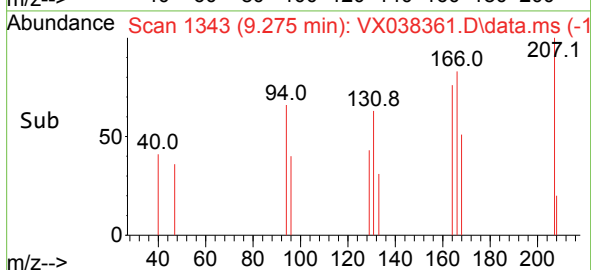
Tgt Ion:117 Resp: 208347
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.3 25.5 38.3

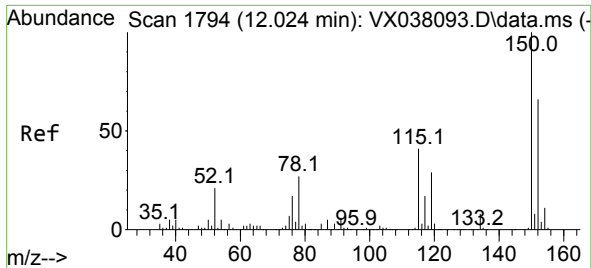


#64
Tetrachloroethene
Concen: 0.229 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39



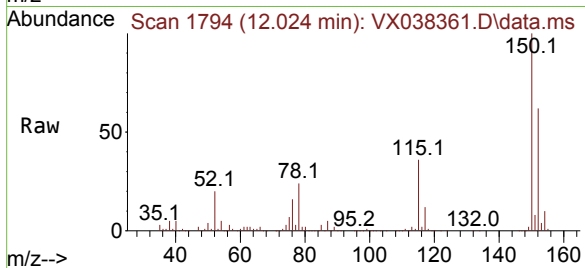
Tgt Ion:164 Resp: 309
Ion Ratio Lower Upper
164 100
166 109.7 102.7 154.1
129 56.7 80.4 120.6#
131 82.9 76.5 114.7



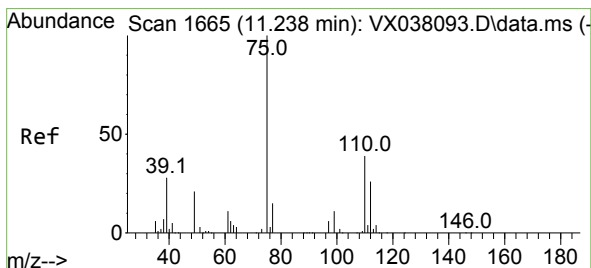
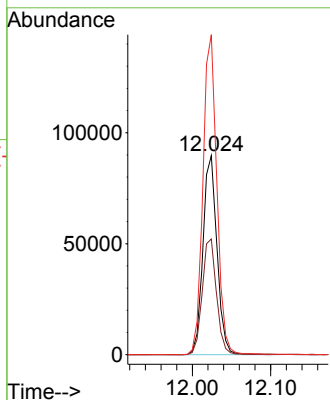
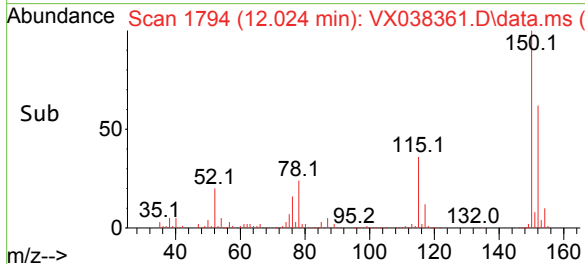


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038361.D
 Acq: 18 Oct 2023 14:39

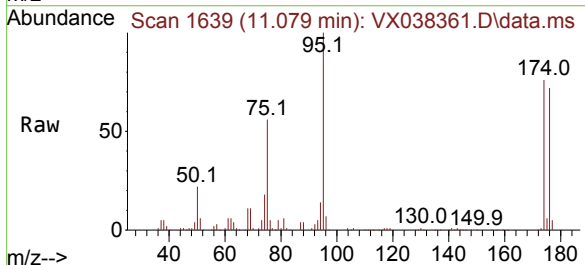
Instrument :
 MSVOA_X
 ClientSampleId :



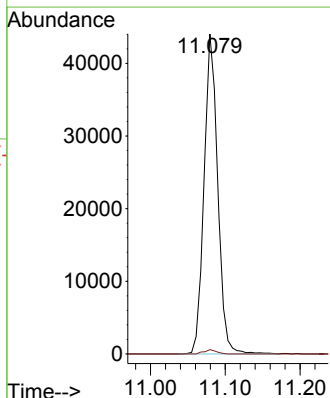
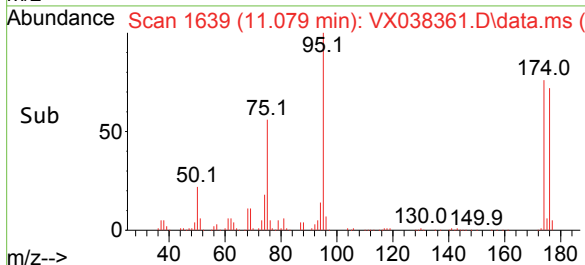
Tgt Ion:152 Resp: 111662
 Ion Ratio Lower Upper
 152 100
 115 59.0 43.3 129.9
 150 159.4 0.0 345.0

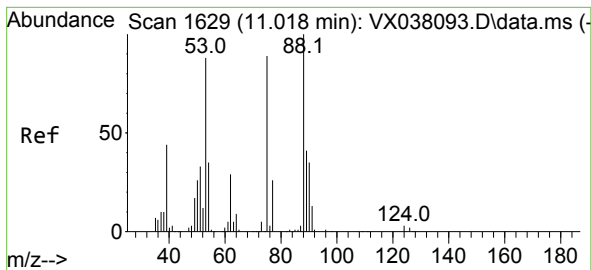


#76
 1,2,3-Trichloropropane
 Concen: 22.009 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038361.D
 Acq: 18 Oct 2023 14:39



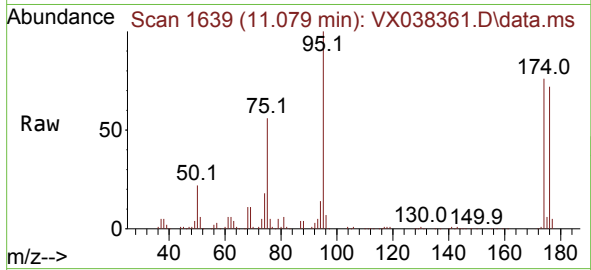
Tgt Ion: 75 Resp: 55871
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.116 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038361.D
Acq: 18 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 55871
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

