

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038237.D
 Acq On : 11 Oct 2023 18:15
 Operator : JC/MD
 Sample : 04803-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:48:53 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)

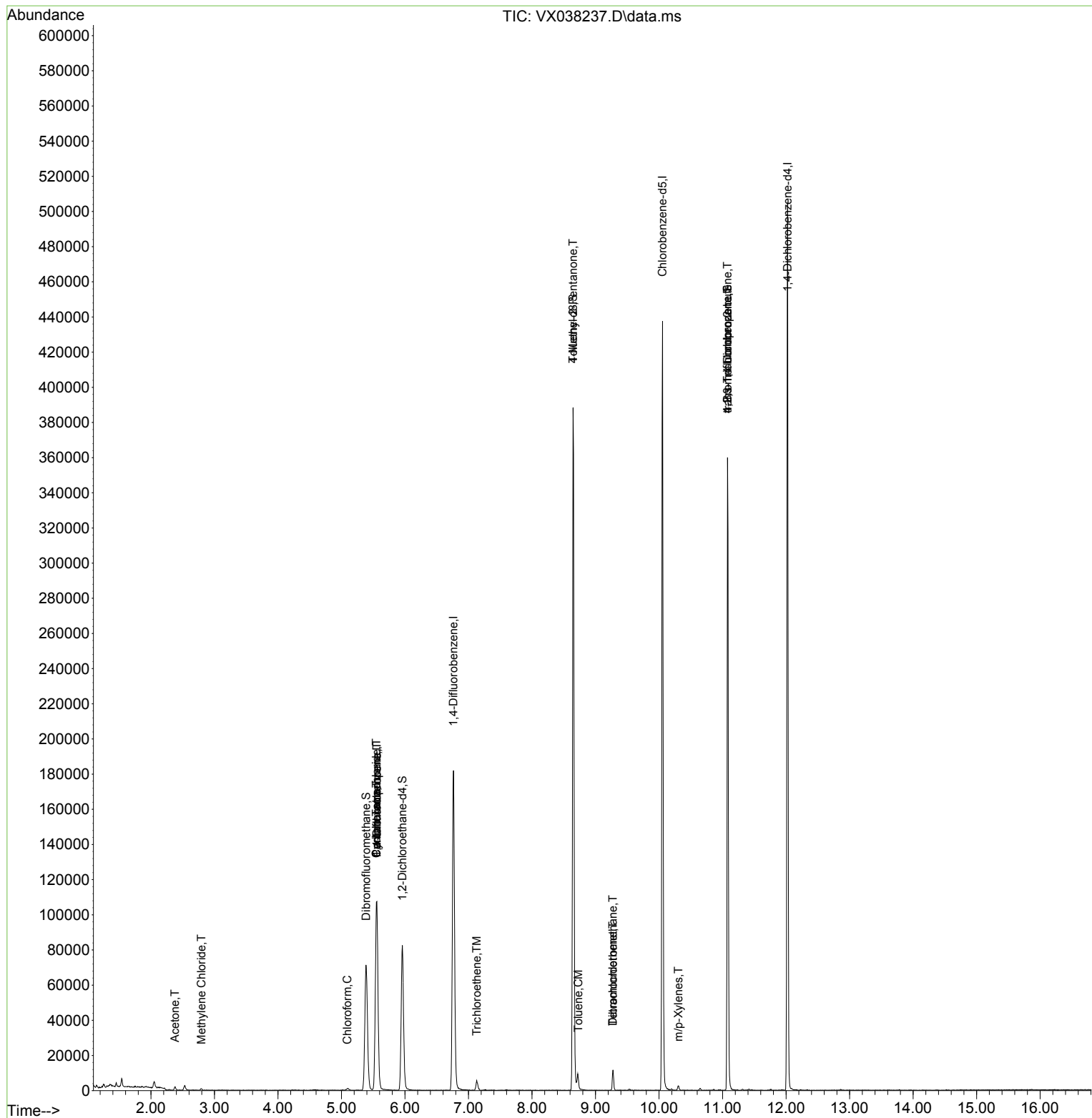
Internal Standards						
1) Pentafluorobenzene	5.556	168	102033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77181	47.029	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.385	113	61040	46.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	235741	46.742	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.480%
62) 4-Bromofluorobenzene	11.079	95	89902	47.019	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.544	94	22	Below Cal	#	3
6) Chloroethane	1.672	64	102	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	50	Below Cal	#	78
16) Acetone	2.380	43	2022	2.952	ug/l	90
20) Methylene Chloride	2.794	84	440	0.342	ug/l #	89
30) Chloroform	5.092	83	1325	0.571	ug/l #	58
31) Cyclohexane	5.550	56	2649	1.490	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	8509	4.675	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10606	5.924	ug/l #	15
44) Trichloroethene	7.129	130	1876	1.409	ug/l	68
51) 4-Methyl-2-Pentanone	8.647	43	1167	0.524	ug/l #	1
52) Toluene	8.726	92	2664	0.803	ug/l	78
60) Dibromochloromethane	9.275	129	1980	1.426	ug/l #	11
64) Tetrachloroethene	9.275	164	1940	1.556	ug/l #	87
68) m/p-Xylenes	10.305	106	719	0.259	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	50932	22.135	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50932	63.453	ug/l #	5

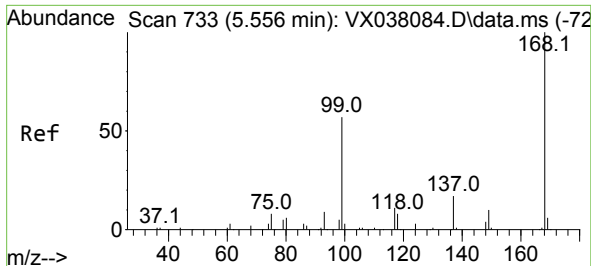
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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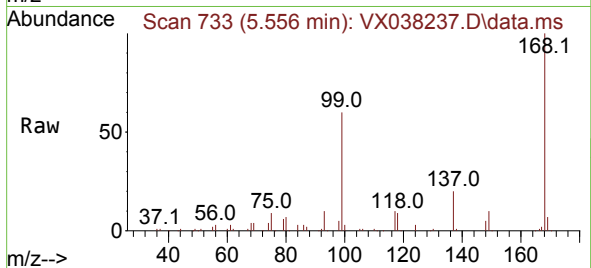
Quant Time: Oct 12 02:48:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



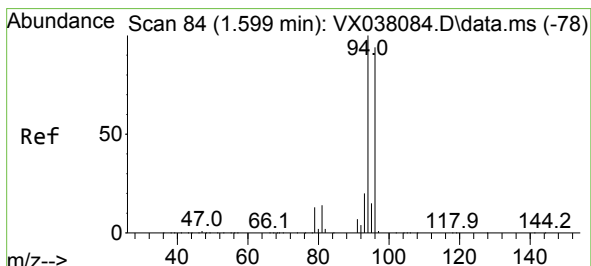
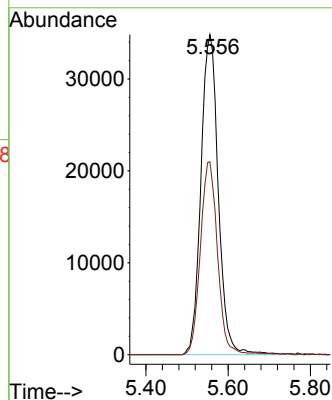
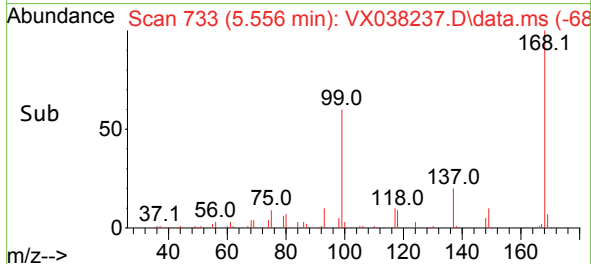


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

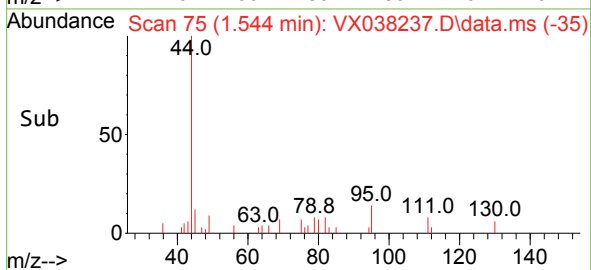
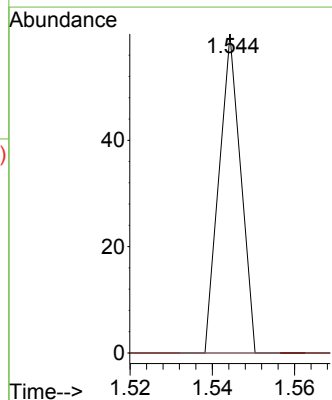
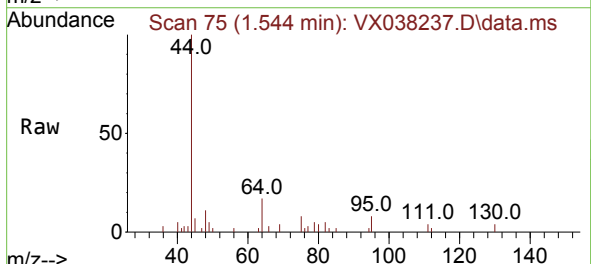


Tgt Ion:168 Resp: 102033
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

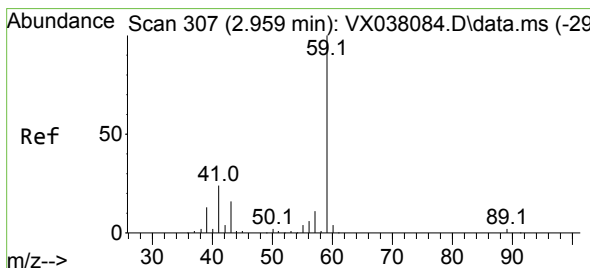
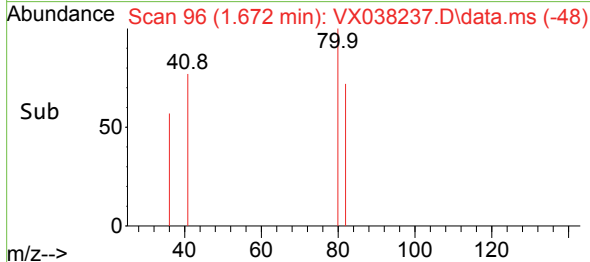
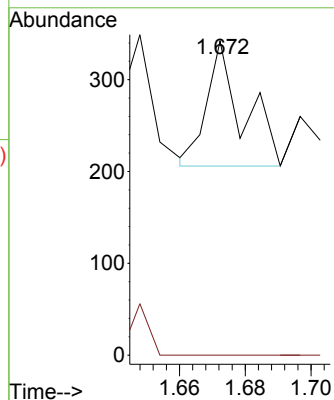
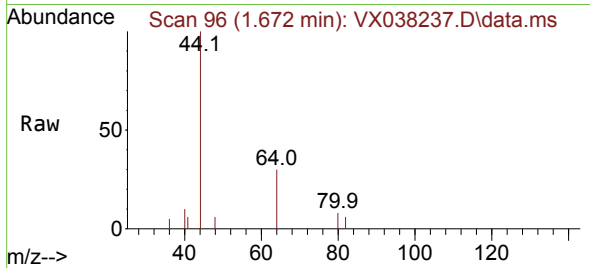




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

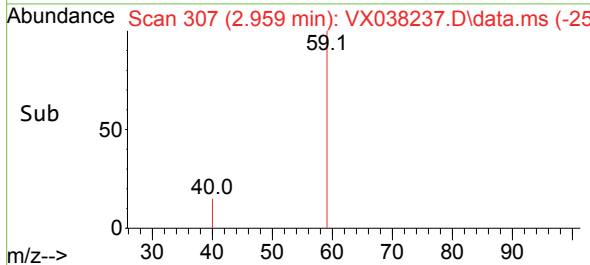
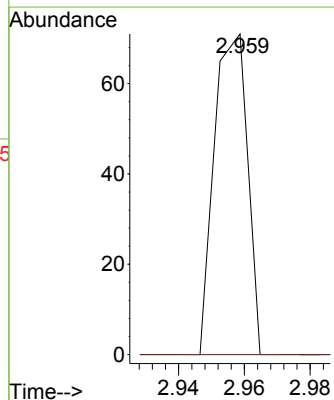
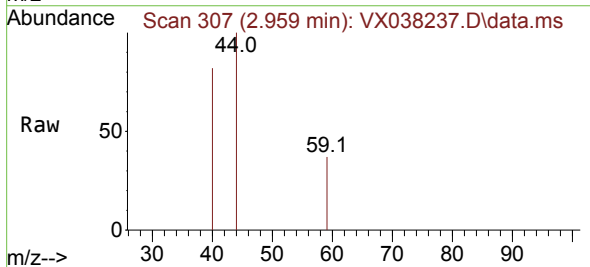
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 59 Resp: 50
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

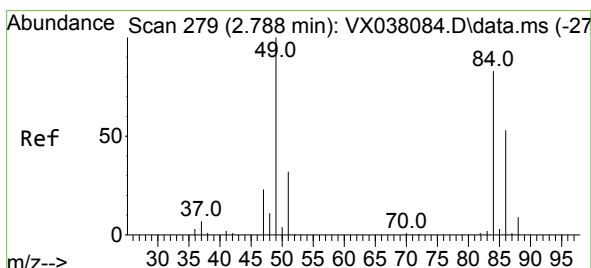
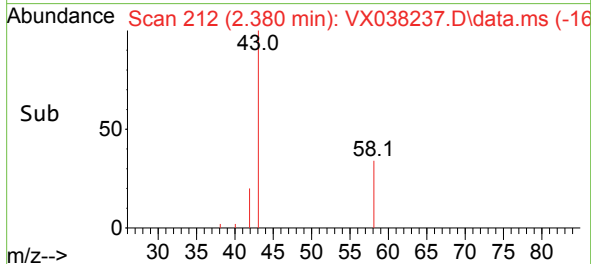
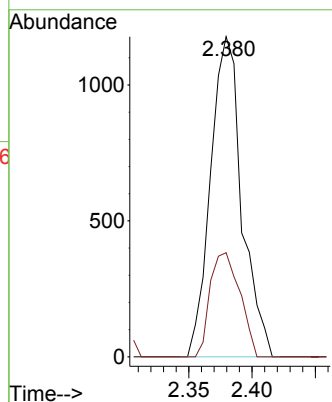
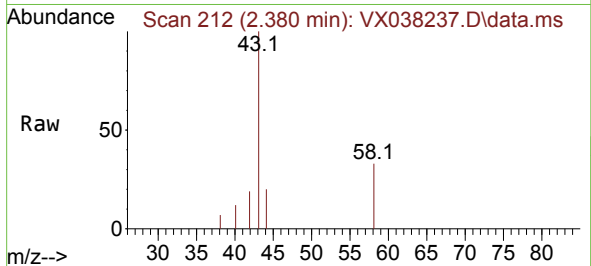




#16
Acetone
Concen: 2.952 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

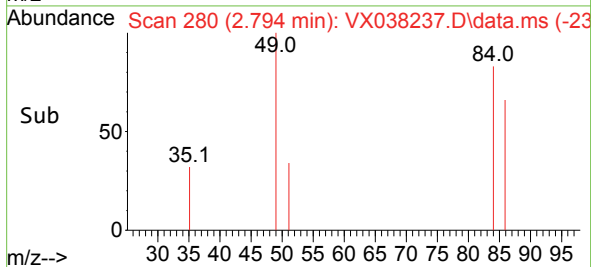
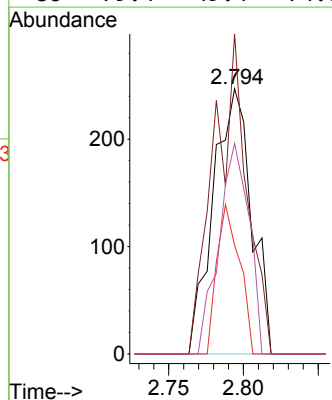
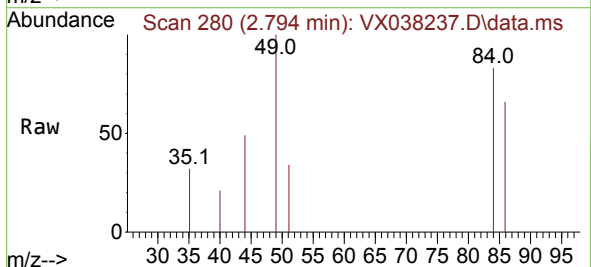
Instrument :
MSVOA_X
ClientSampleId :

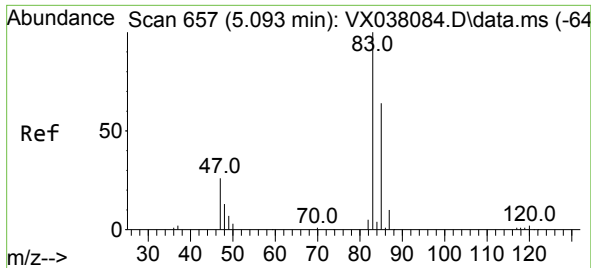
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 84 Resp: 440
Ion Ratio Lower Upper
84 100
49 120.6 103.6 155.4
51 40.9 33.8 50.6
86 79.4 49.4 74.0#

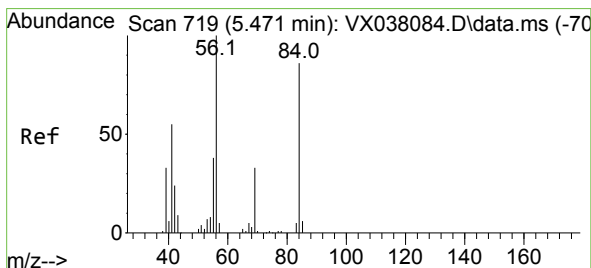
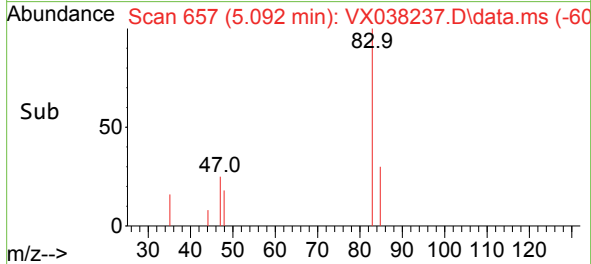
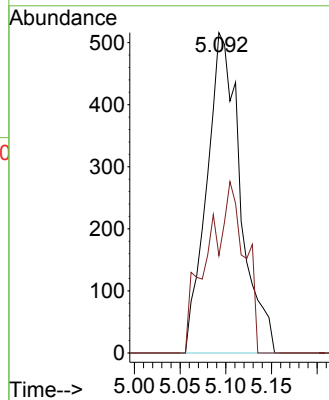
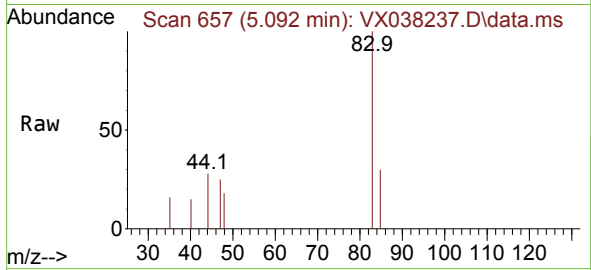




#30
Chloroform
Concen: 0.571 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

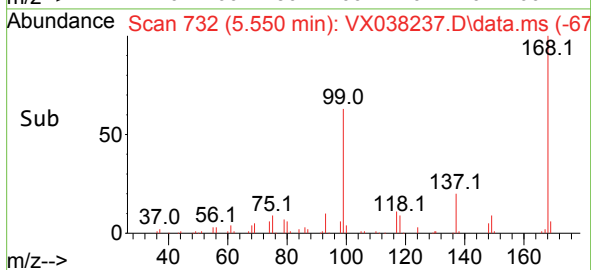
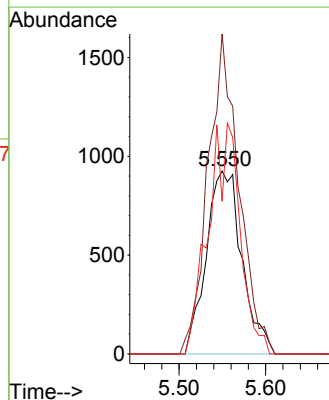
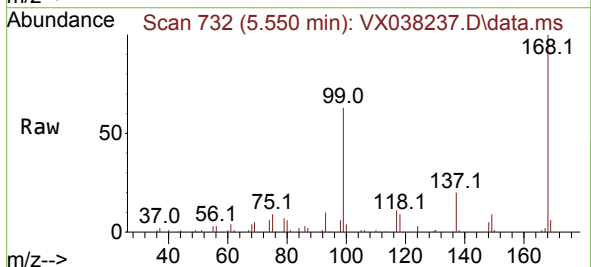
Instrument :
MSVOA_X
ClientSampleId :

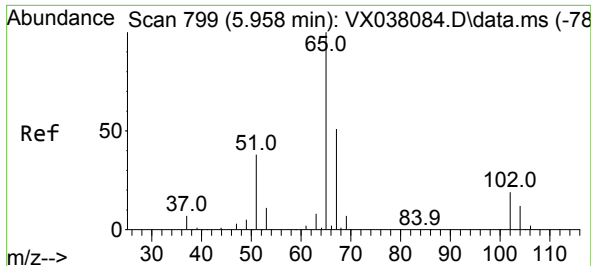
Tgt Ion: 83 Resp: 1325
Ion Ratio Lower Upper
83 100
85 30.4 50.3 75.5#



#31
Cyclohexane
Concen: 1.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 56 Resp: 2649
Ion Ratio Lower Upper
56 100
69 175.0 23.4 35.2#
84 83.6 65.9 98.9

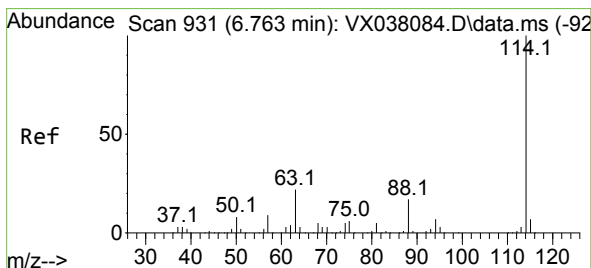
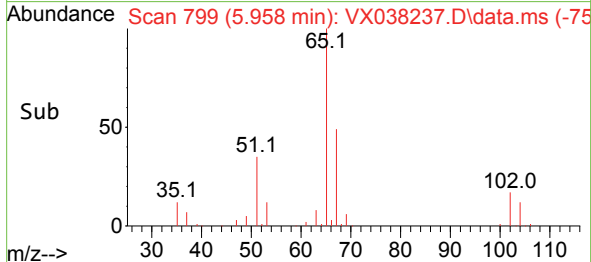
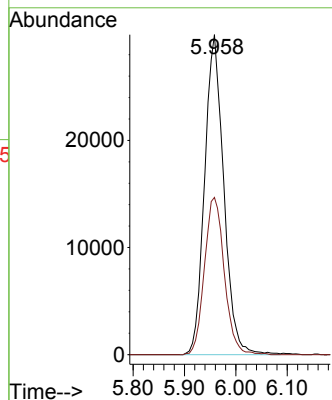
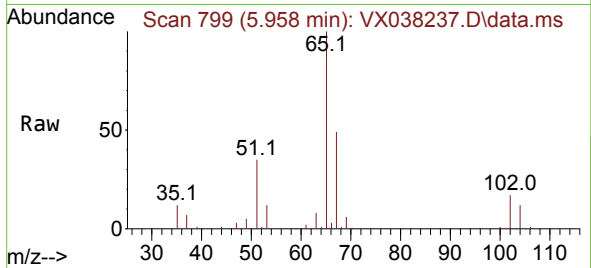




#33
1,2-Dichloroethane-d4
Concen: 47.029 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

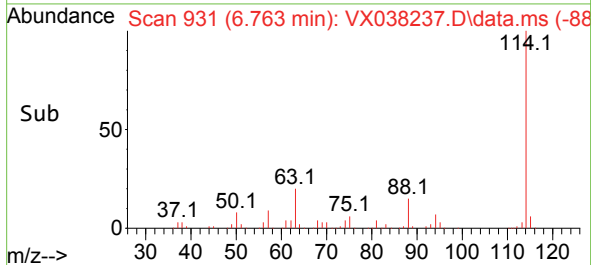
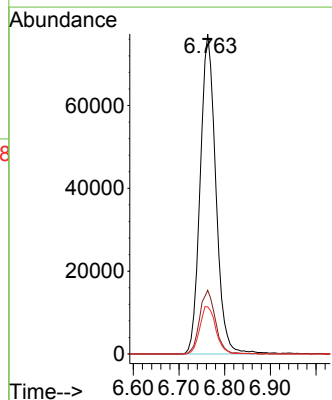
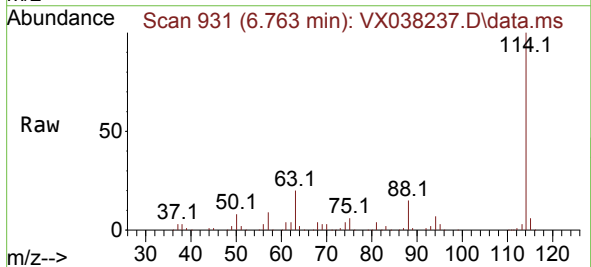
Instrument :
MSVOA_X
ClientSampleId :

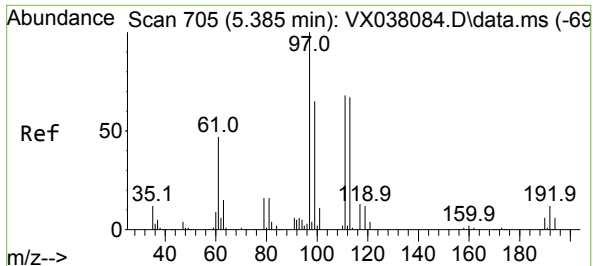
Tgt Ion: 65 Resp: 77181
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

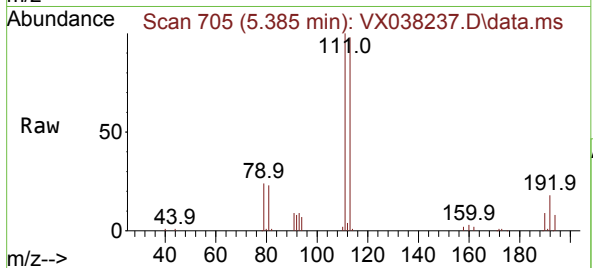
Tgt Ion:114 Resp: 183169
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 14.7 0.0 36.6



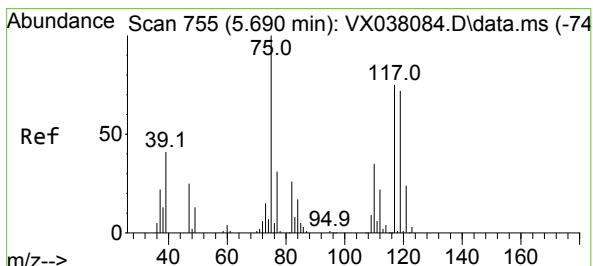
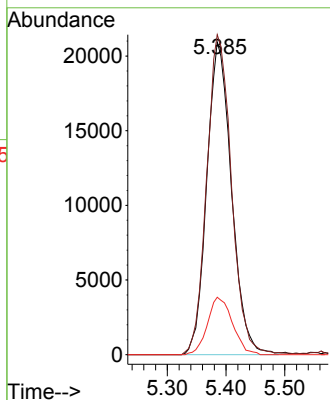
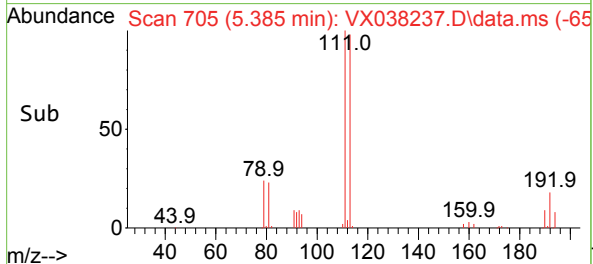


#35
Dibromofluoromethane
Concen: 46.248 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

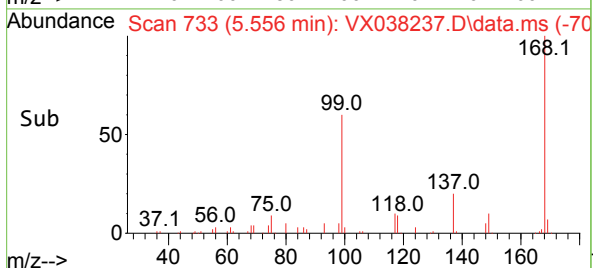
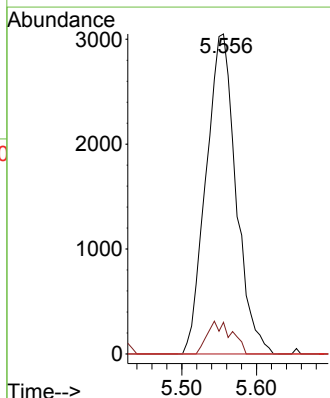
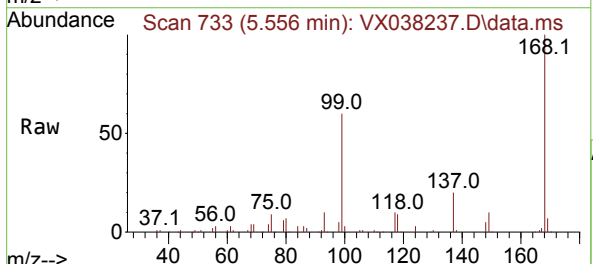


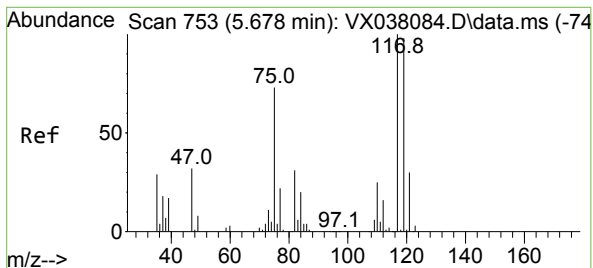
Tgt Ion:113 Resp: 61040
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 75 Resp: 8509
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.924 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

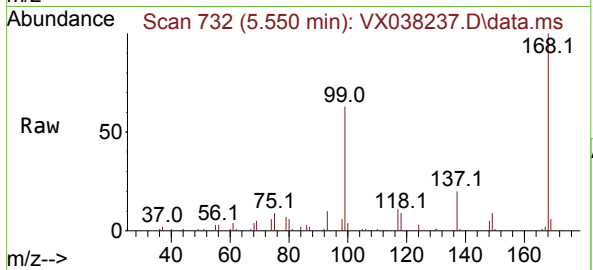
Lab File: VX038237.D

Acq: 11 Oct 2023 18:15

Instrument :

MSVOA_X

ClientSampleId :



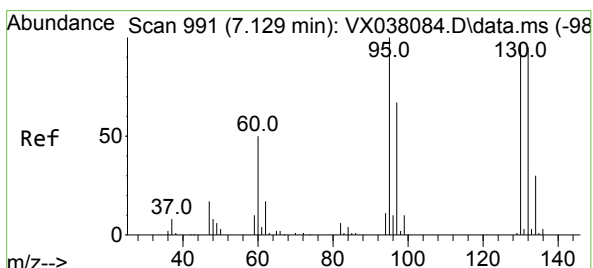
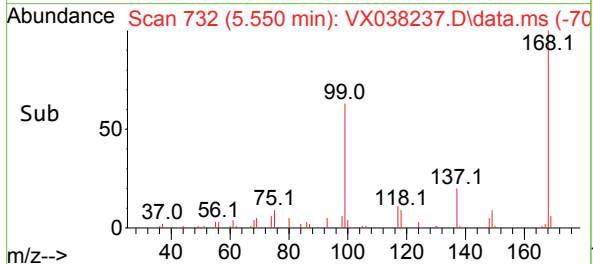
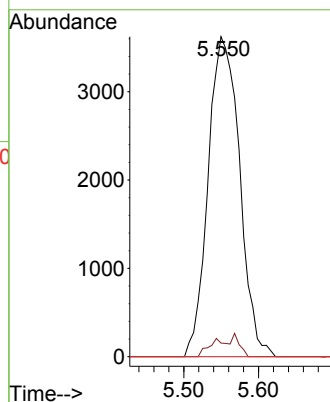
Tgt Ion:117 Resp: 10606

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 1.409 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038237.D

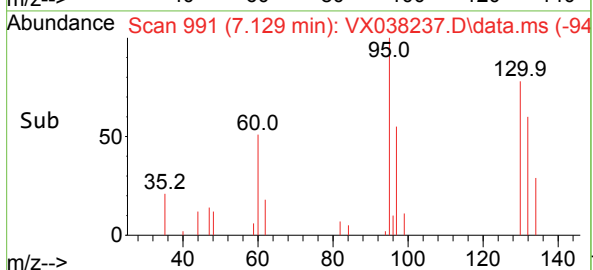
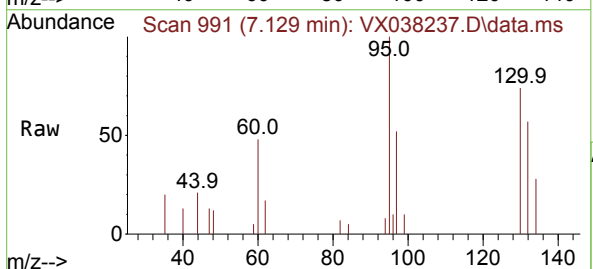
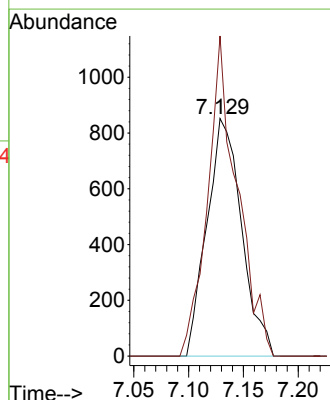
Acq: 11 Oct 2023 18:15

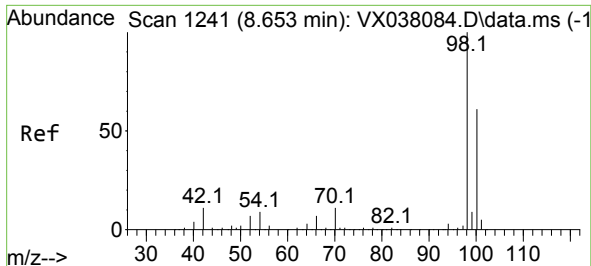
Tgt Ion:130 Resp: 1876

Ion Ratio Lower Upper

130 100

95 134.7 0.0 204.4

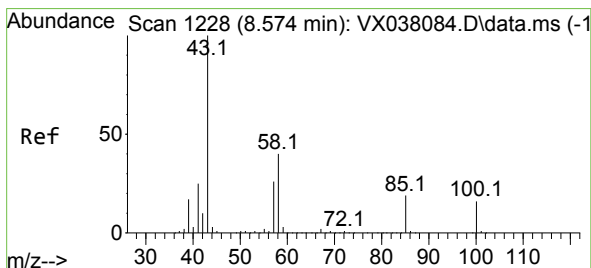
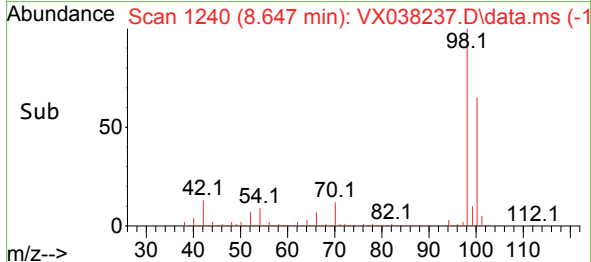
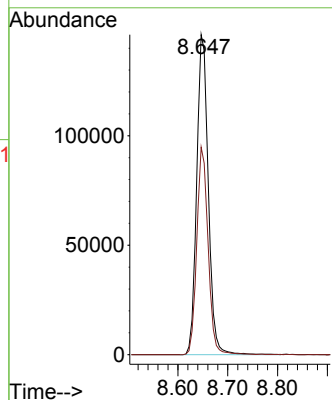
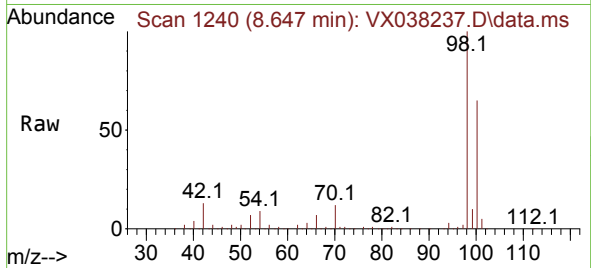




#50
Toluene-d8
Concen: 46.742 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

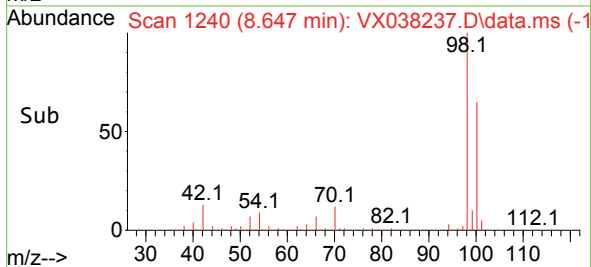
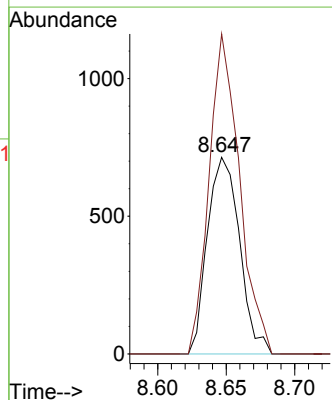
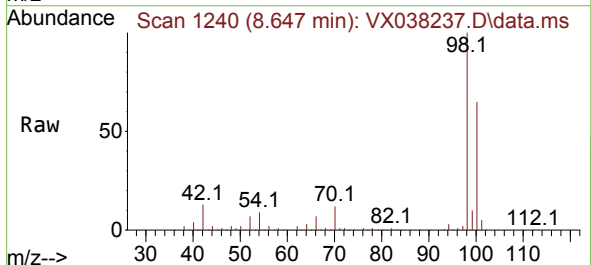
Instrument :
MSVOA_X
ClientSampleId :

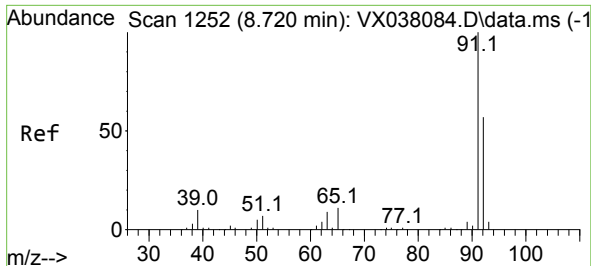
Tgt Ion: 98 Resp: 235741
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 153.7 30.4 45.6#

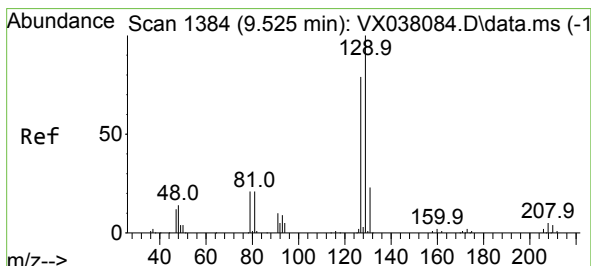
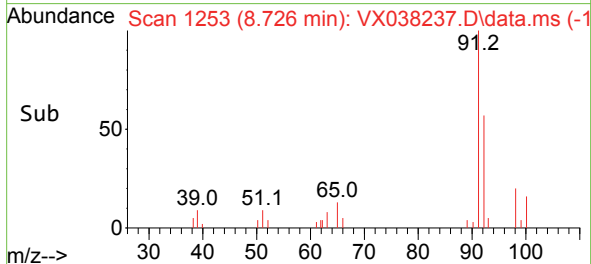
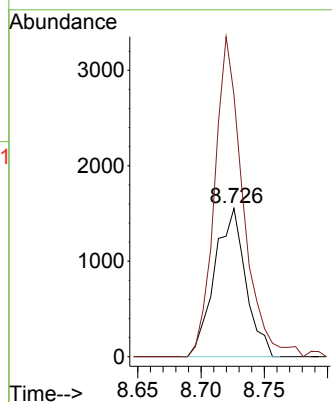
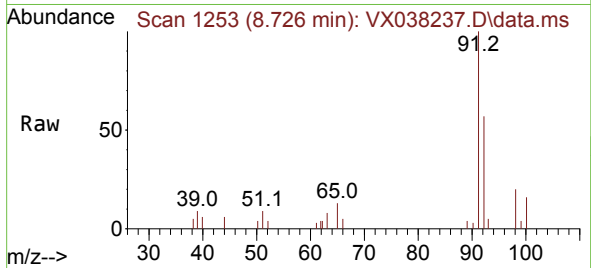




#52
Toluene
Concen: 0.803 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

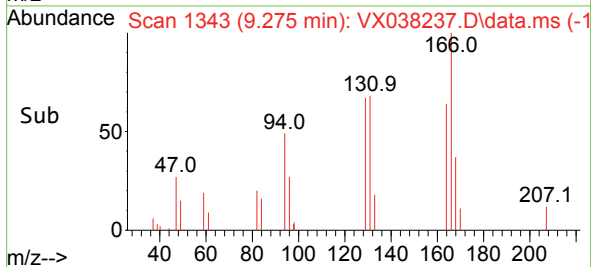
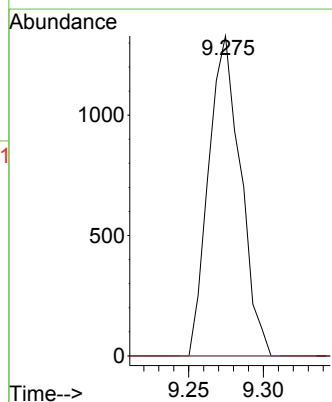
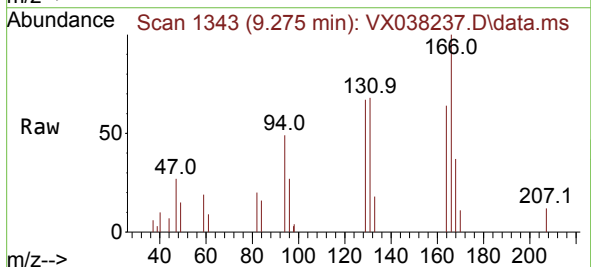
Instrument :
MSVOA_X
ClientSampleId :

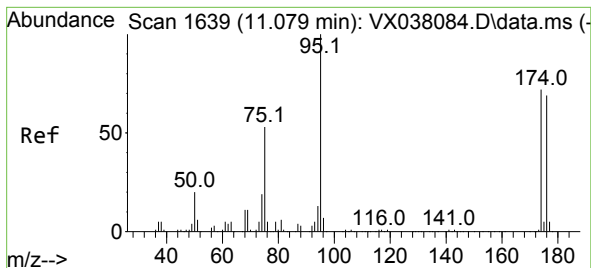
Tgt Ion: 92 Resp: 2664
Ion Ratio Lower Upper
92 100
91 197.9 134.2 201.2



#60
Dibromochloromethane
Concen: 1.426 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Tgt Ion: 129 Resp: 1980
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

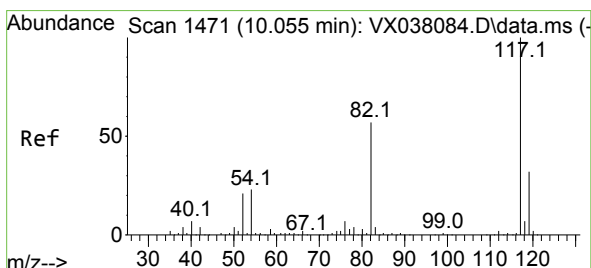
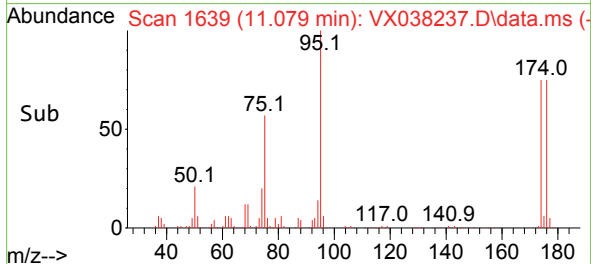
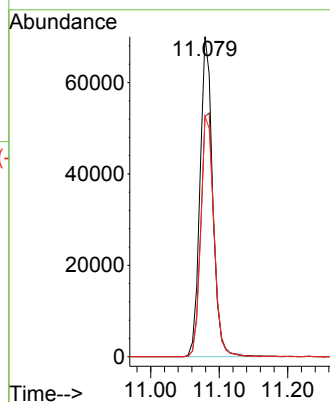
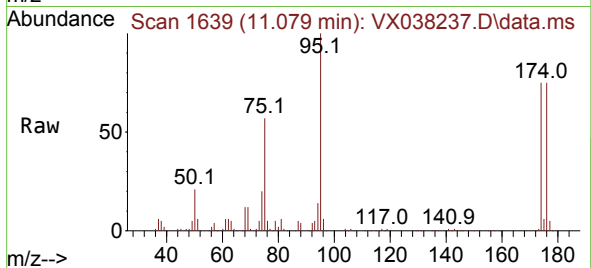




#62
4-Bromofluorobenzene
Concen: 47.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

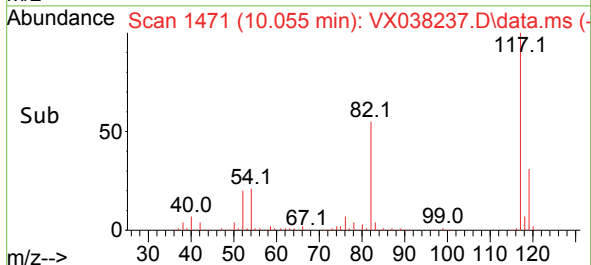
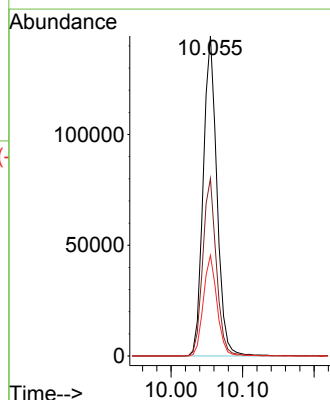
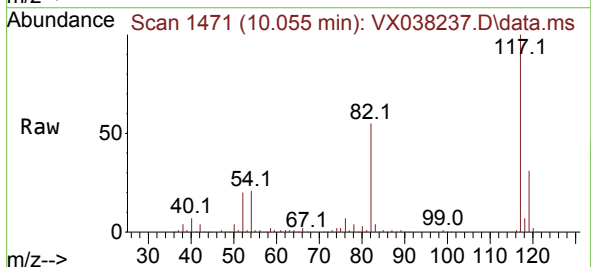
Instrument :
MSVOA_X
ClientSampleId :

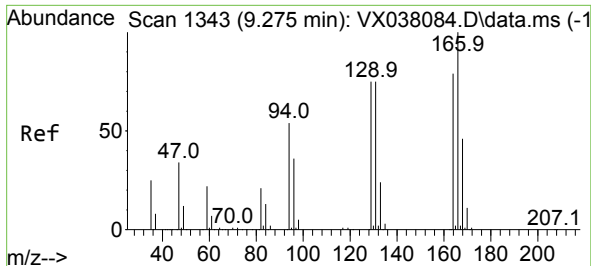
Tgt Ion: 95 Resp: 89902
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 77.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

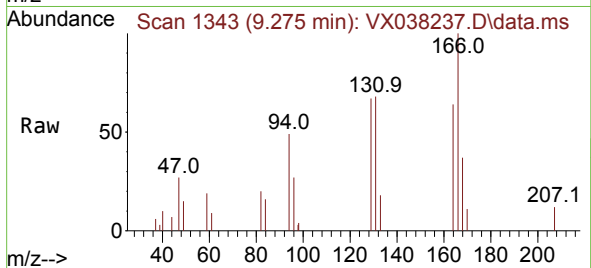
Tgt Ion: 117 Resp: 192536
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.5 25.5 38.3



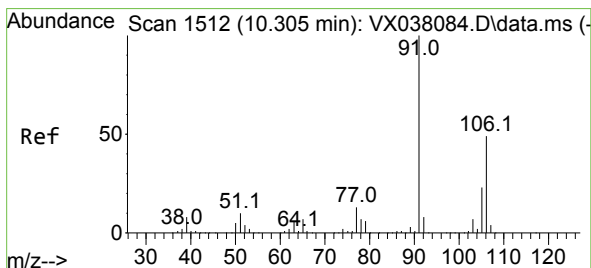
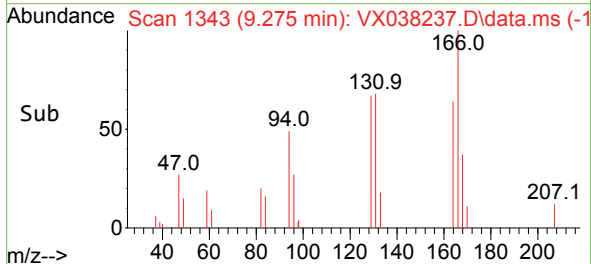
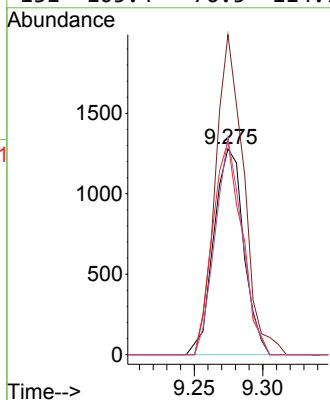


#64
Tetrachloroethene
Concen: 1.556 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

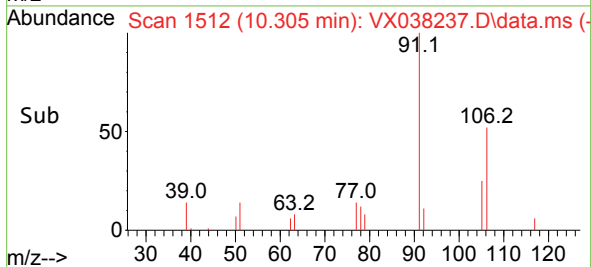
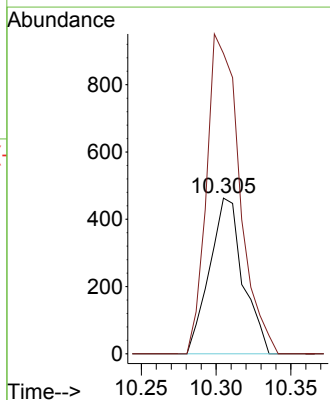
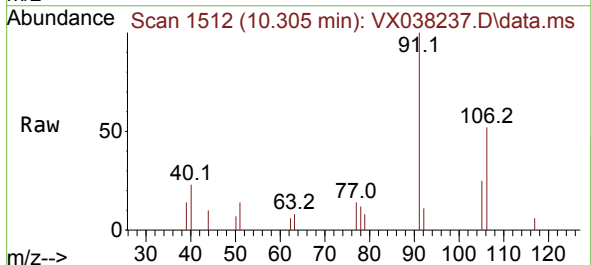


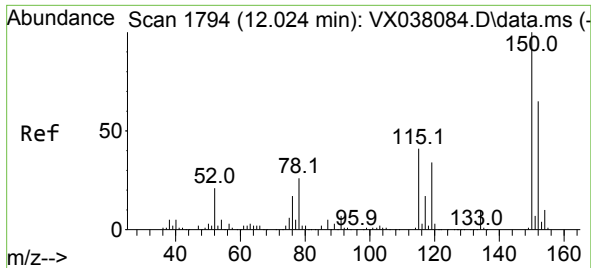
Tgt Ion:164 Resp: 1940
Ion Ratio Lower Upper
164 100
166 155.4 102.7 154.1#
129 103.8 80.4 120.6
131 105.4 76.5 114.7



#68
m/p-Xylenes
Concen: 0.259 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038237.D
Acq: 11 Oct 2023 18:15

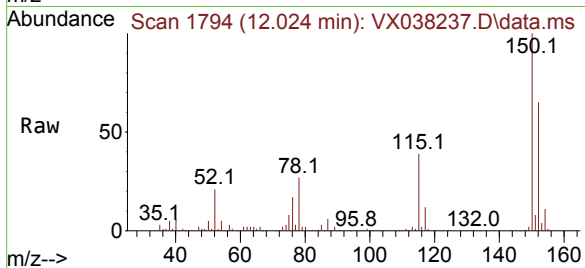
Tgt Ion:106 Resp: 719
Ion Ratio Lower Upper
106 100
91 202.6 165.5 248.3



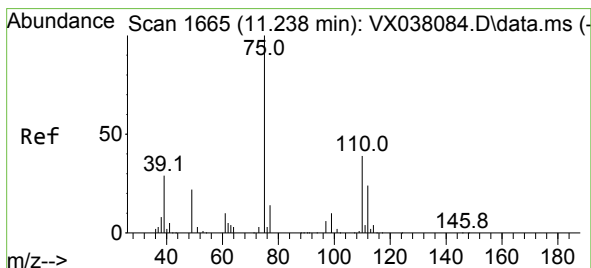
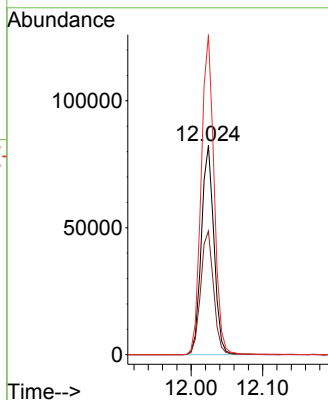
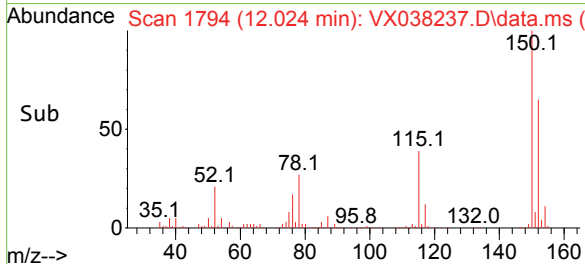


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038237.D
 Acq: 11 Oct 2023 18:15

Instrument :
 MSVOA_X
 ClientSampleId :

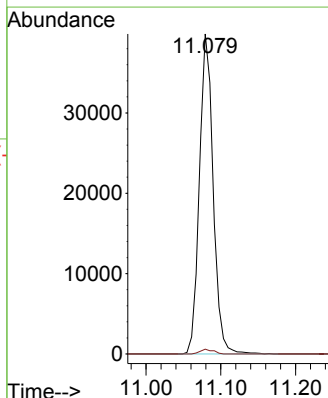
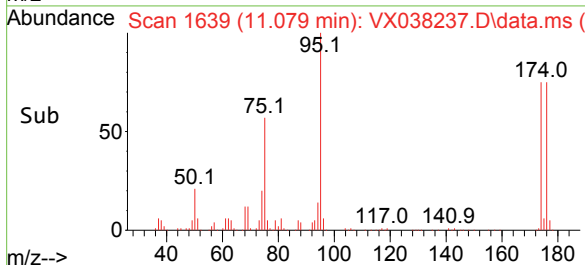
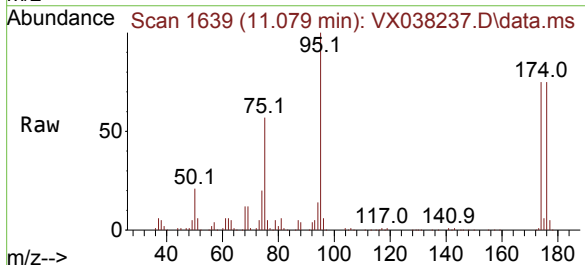


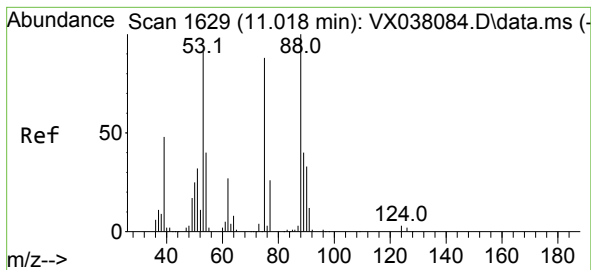
Tgt Ion:152 Resp: 101213
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.9
 150 155.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.135 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038237.D
 Acq: 11 Oct 2023 18:15

Tgt Ion: 75 Resp: 50932
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.453 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038237.D
 Acq: 11 Oct 2023 18:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 50932
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

