

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038227.D
 Acq On : 11 Oct 2023 14:23
 Operator : JC/MD
 Sample : 04803-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:44:59 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)

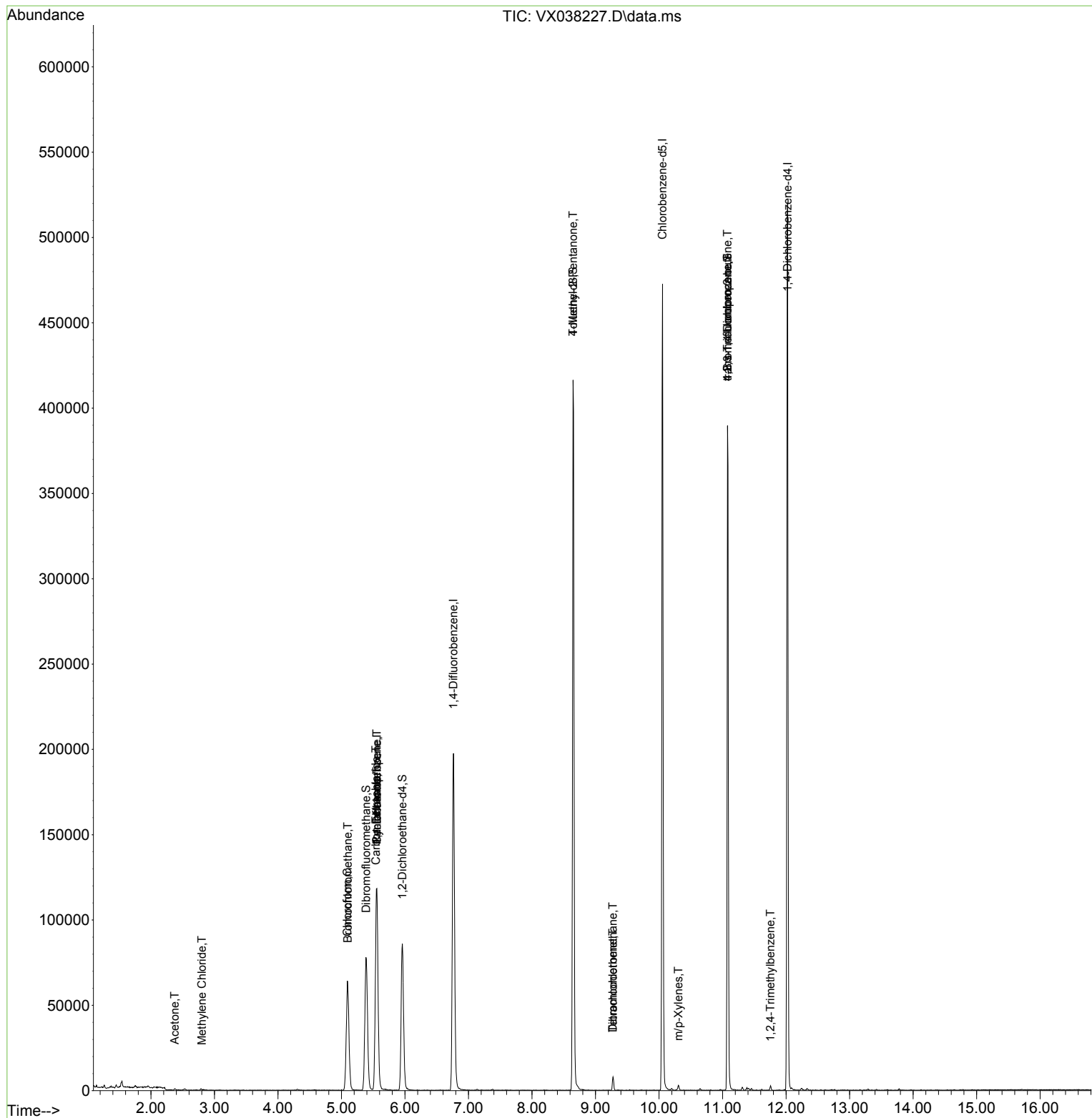
Internal Standards						
1) Pentafluorobenzene	5.556	168	113288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83900	46.044	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.080%
35) Dibromofluoromethane	5.385	113	67476	46.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.647	98	252721	45.614	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	98947	47.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.721	94	20	Below Cal	#	3
6) Chloroethane	1.672	64	119	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	21	Below Cal	#	78
16) Acetone	2.373	43	914	1.202	ug/l	92
20) Methylene Chloride	2.800	84	389	0.272	ug/l #	41
28) Bromochloromethane	5.098	49	6230	5.853	ug/l #	16
30) Chloroform	5.092	83	72942	28.287	ug/l	99
31) Cyclohexane	5.556	56	2994	1.517	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	9113	4.558	ug/l #	51
38) Carbon Tetrachloride	5.543	117	11709	5.953	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1195	0.489	ug/l #	1
60) Dibromochloromethane	9.274	129	1277	0.837	ug/l #	11
64) Tetrachloroethene	9.274	164	1289	0.962	ug/l	92
68) m/p-Xylenes	10.305	106	787	0.263	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	54294	21.951	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54294	62.958	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1493	0.238	ug/l	100

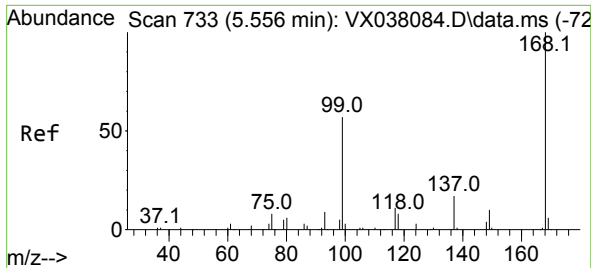
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

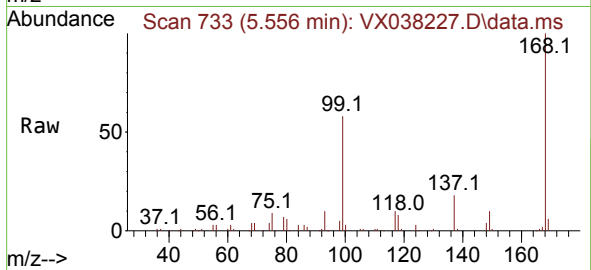
Quant Time: Oct 12 02:44:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



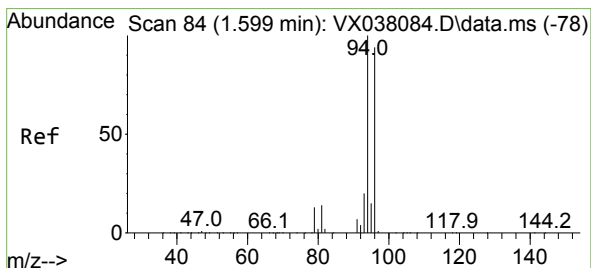
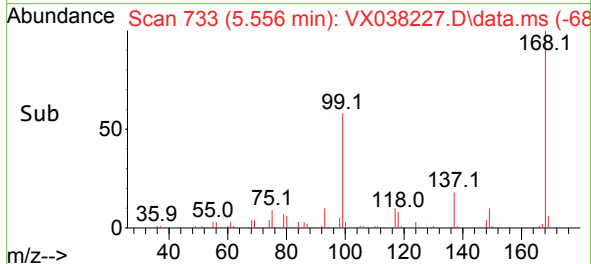
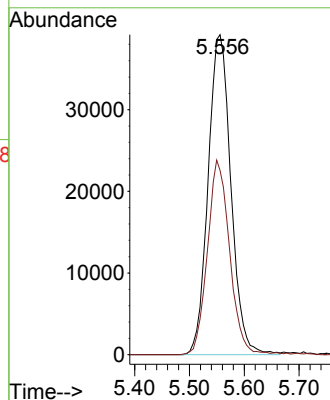


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :

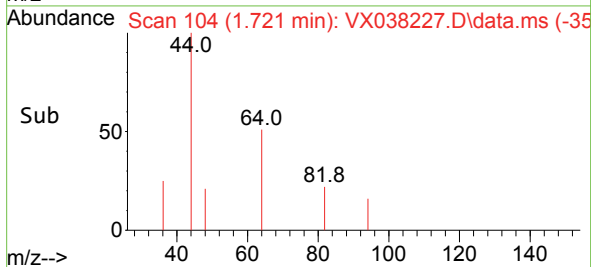
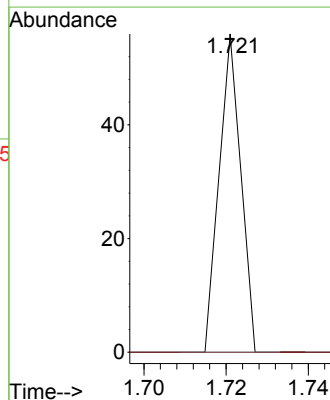
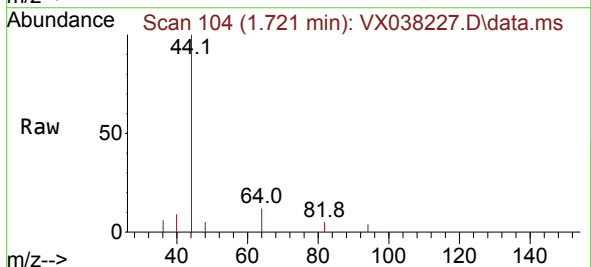


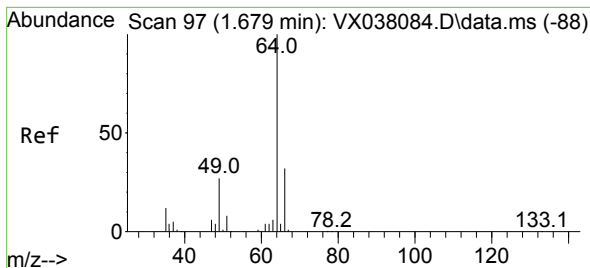
Tgt Ion:168 Resp: 113288
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.122 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

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





#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 90

Delta R.T. -0.007 min

Lab File: VX038227.D

Acq: 11 Oct 2023 14:23

Instrument :

MSVOA_X

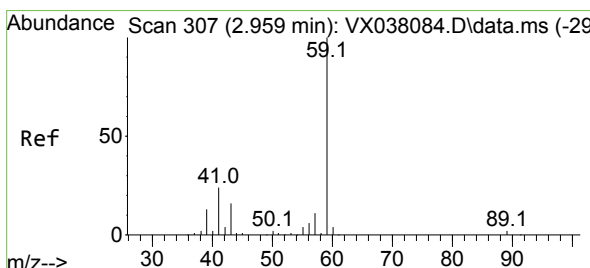
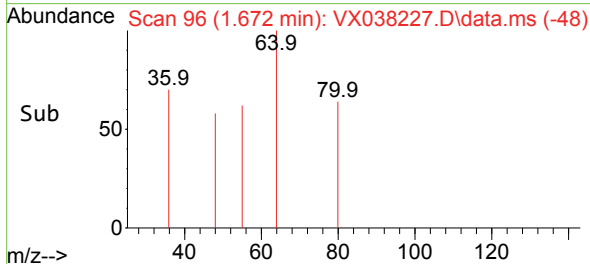
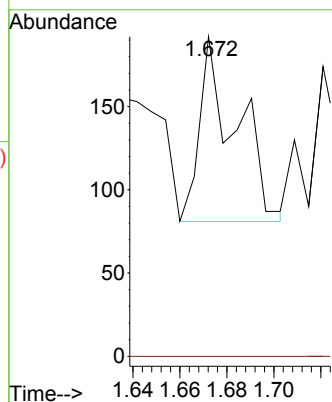
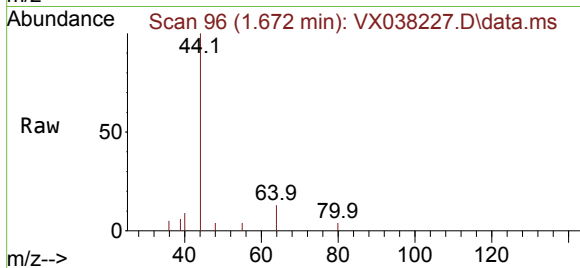
ClientSampleId :

Tgt Ion: 64 Resp: 119

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: VX038227.D

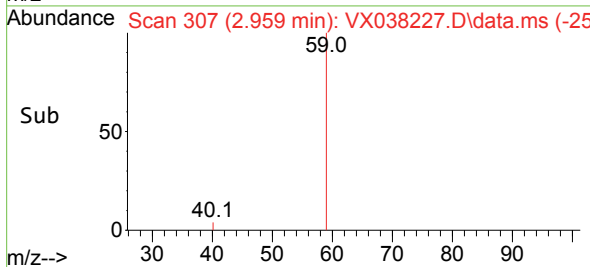
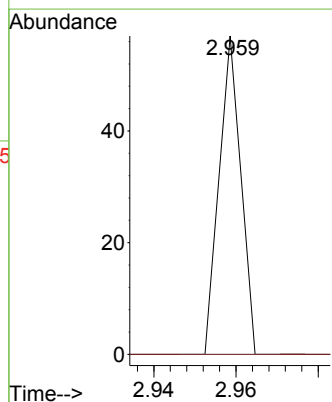
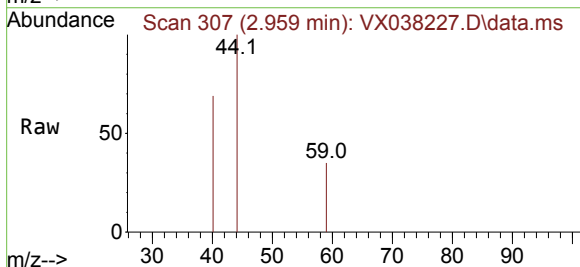
Acq: 11 Oct 2023 14:23

Tgt Ion: 59 Resp: 21

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

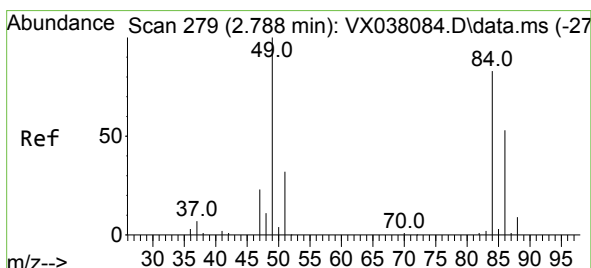
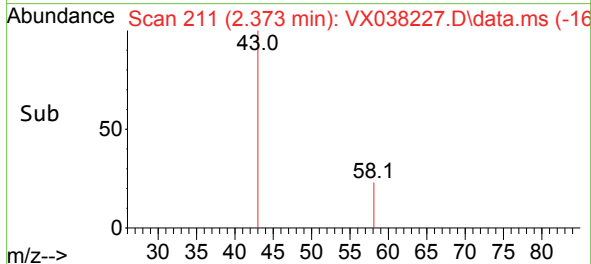
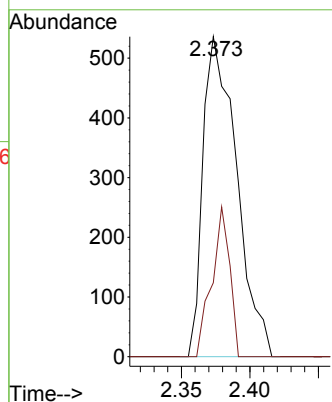
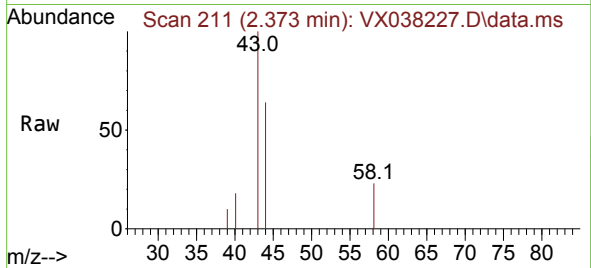




#16
Acetone
Concen: 1.202 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

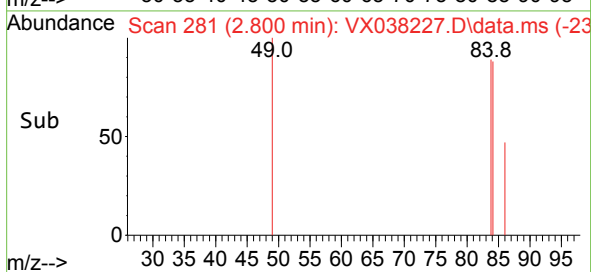
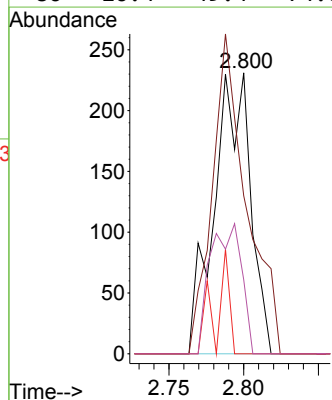
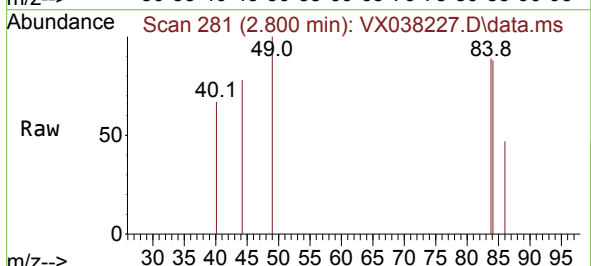
Instrument :
MSVOA_X
ClientSampleId :

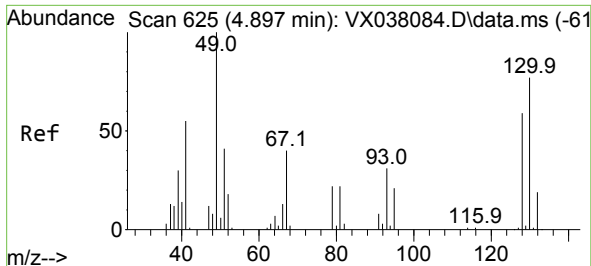
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 23.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

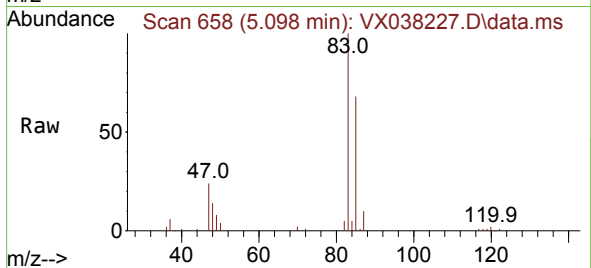
Tgt Ion: 84 Resp: 389
Ion Ratio Lower Upper
84 100
49 56.3 103.6 155.4#
51 0.0 33.8 50.6#
86 26.4 49.4 74.0#



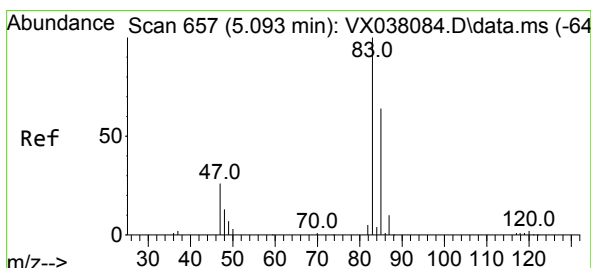
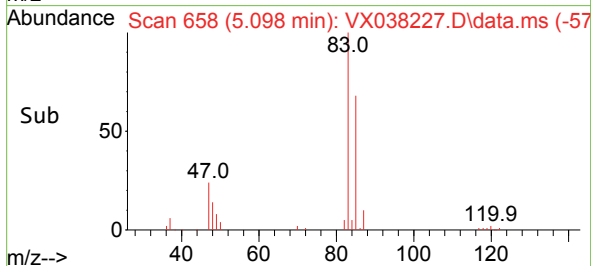
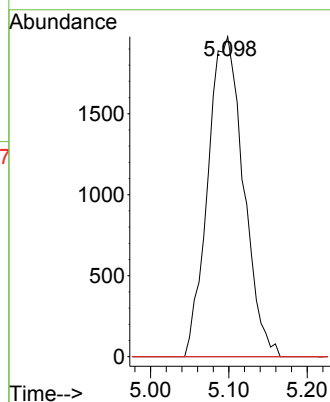


#28
Bromochloromethane
Concen: 5.853 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :

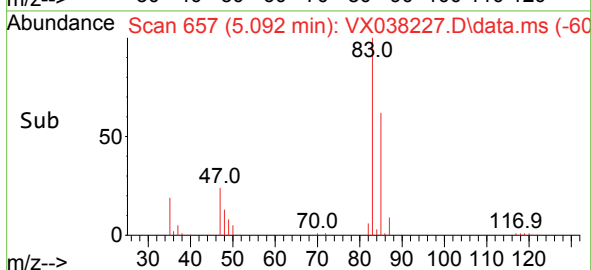
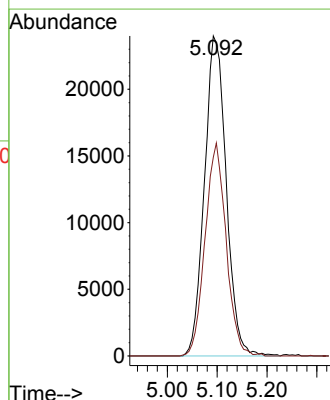
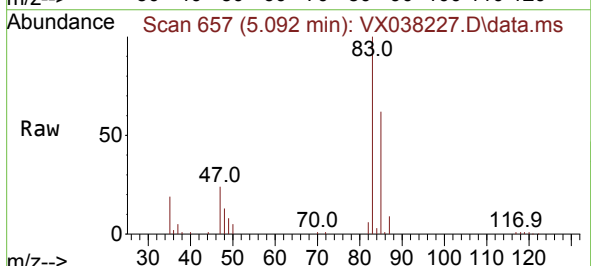


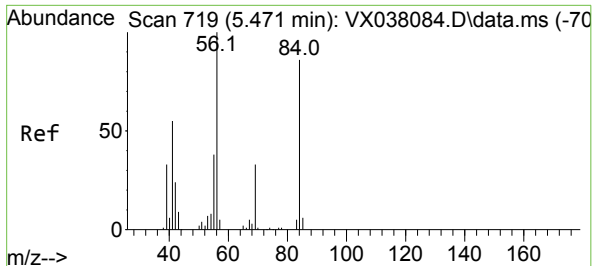
Tgt Ion: 49 Resp: 6230
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 28.287 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

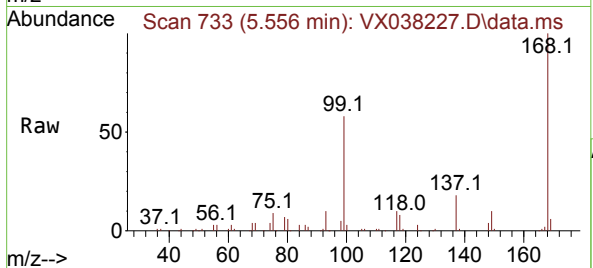
Tgt Ion: 83 Resp: 72942
Ion Ratio Lower Upper
83 100
85 62.1 50.3 75.5



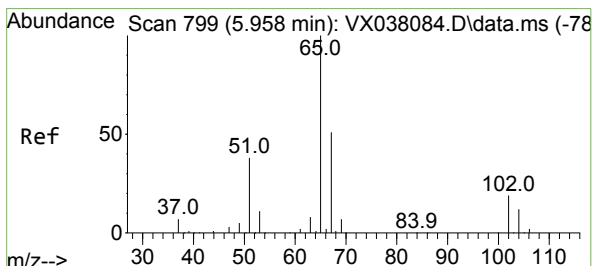
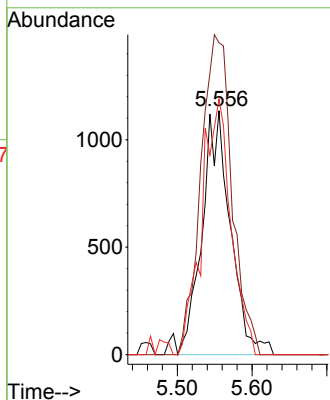
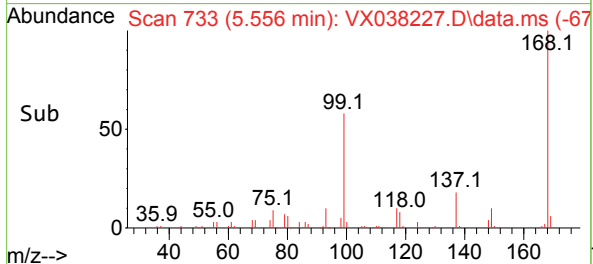


#31
Cyclohexane
Concen: 1.517 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :

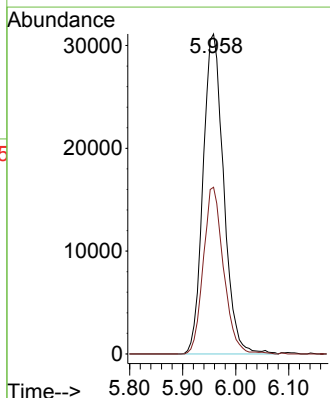
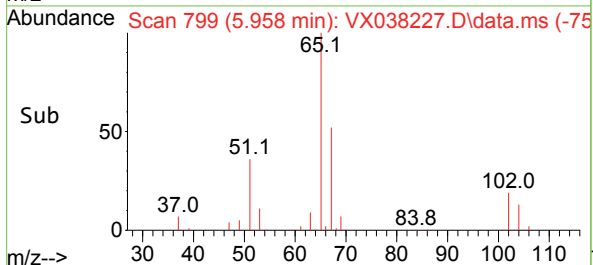
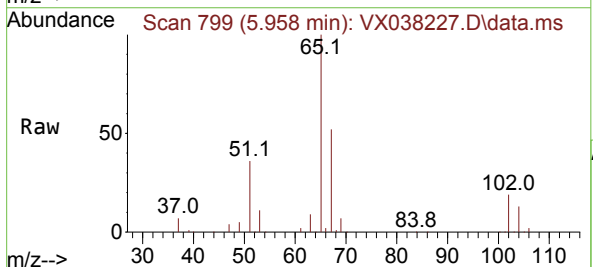


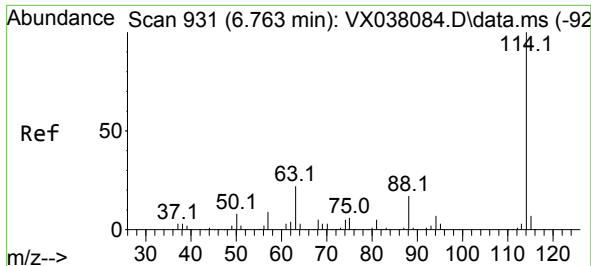
Tgt Ion: 56 Resp: 2994
Ion Ratio Lower Upper
56 100
69 127.9 23.4 35.2#
84 104.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.044 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

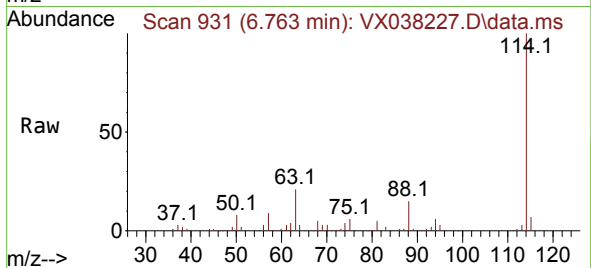
Tgt Ion: 65 Resp: 83900
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



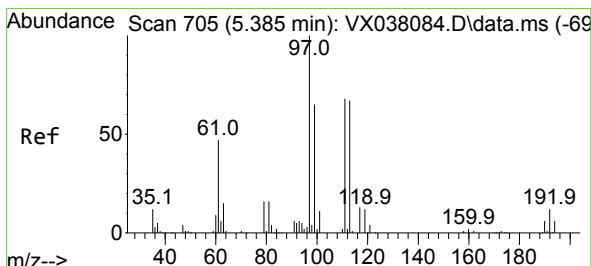
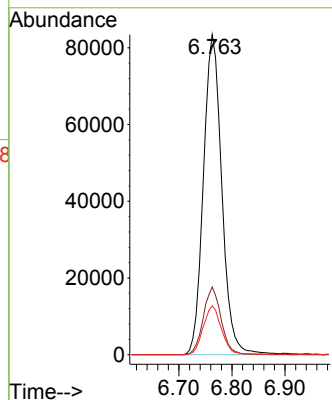
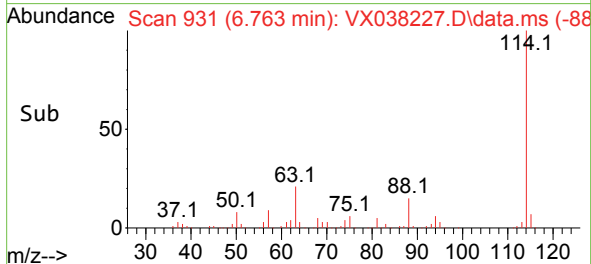


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :

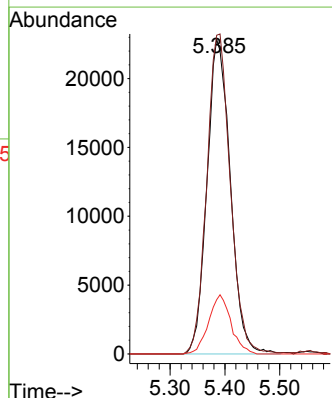
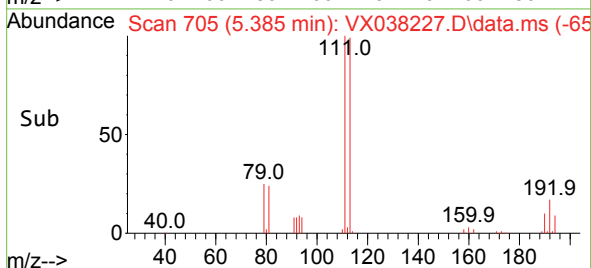
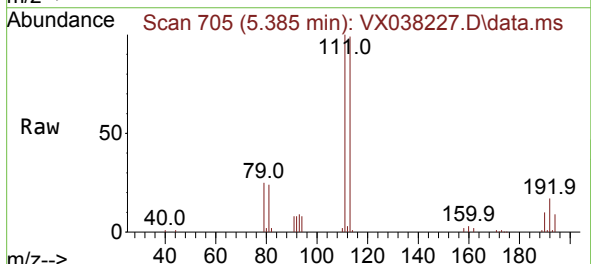


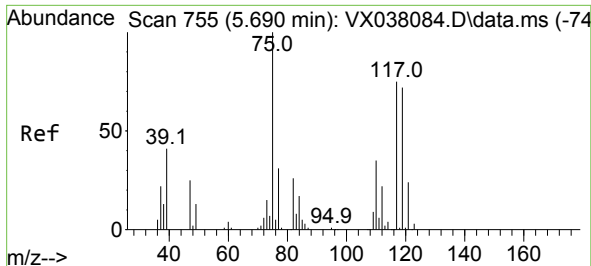
Tgt Ion:114 Resp: 201217
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

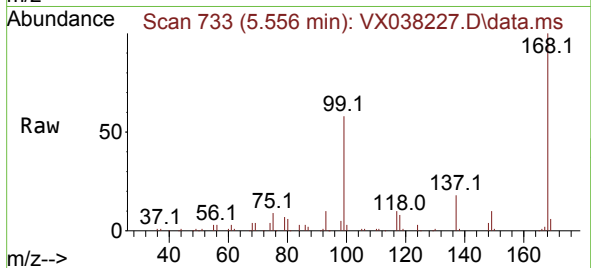
Tgt Ion:113 Resp: 67476
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.0 13.3 19.9



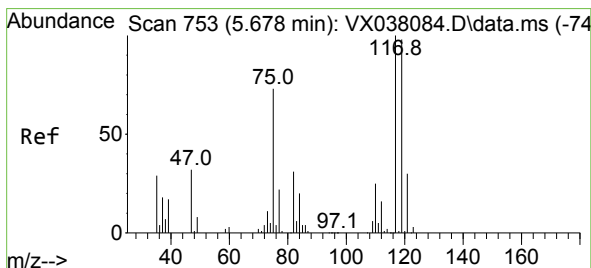
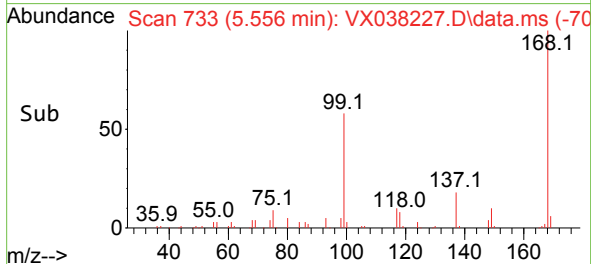
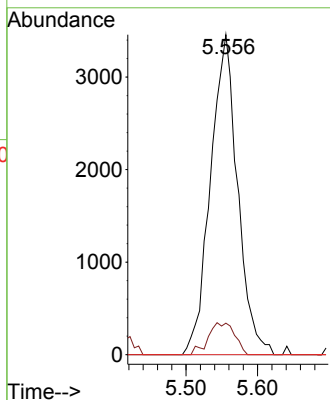


#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :

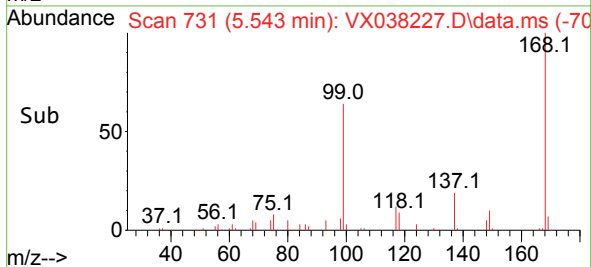
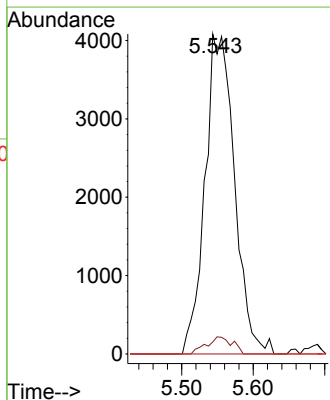
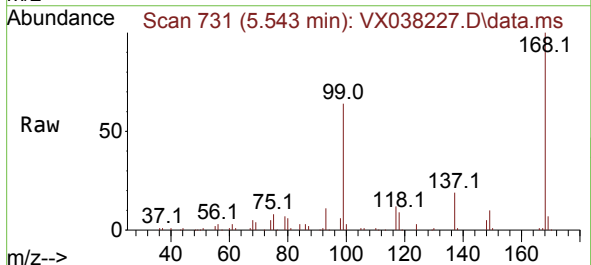


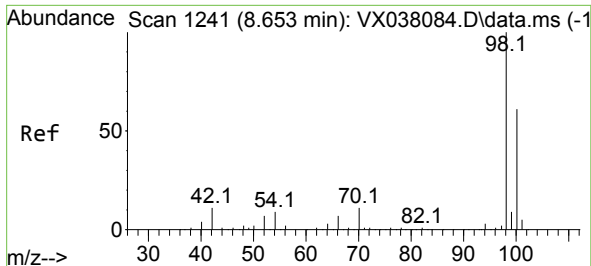
Tgt Ion: 75 Resp: 9113
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.135 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Tgt Ion: 117 Resp: 11709
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.614 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038227.D

Acq: 11 Oct 2023 14:23

Instrument :

MSVOA_X

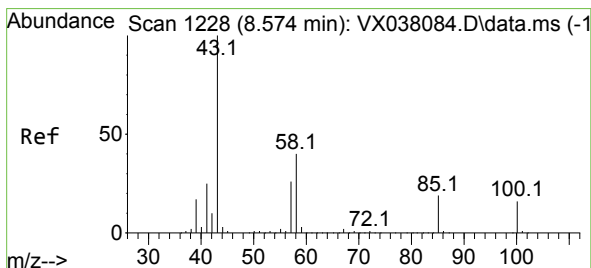
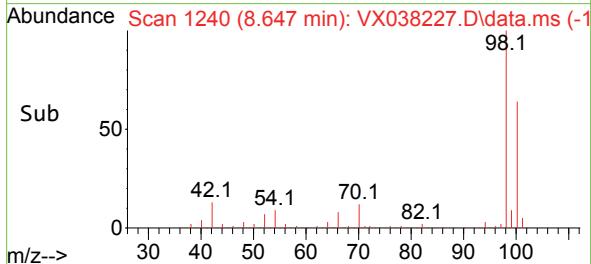
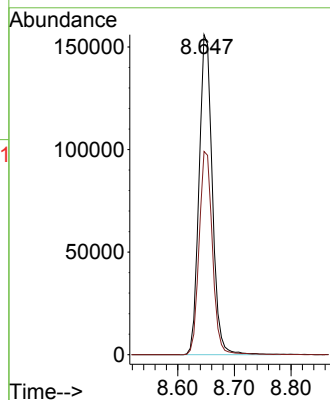
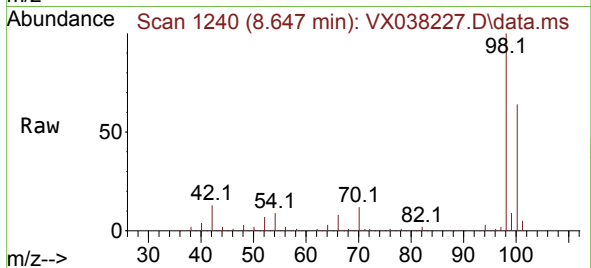
ClientSampleId :

Tgt Ion: 98 Resp: 252721

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038227.D

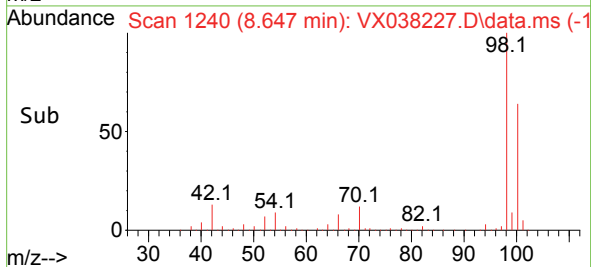
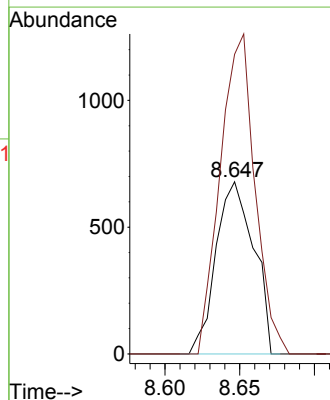
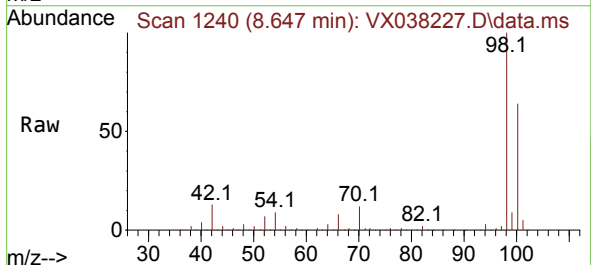
Acq: 11 Oct 2023 14:23

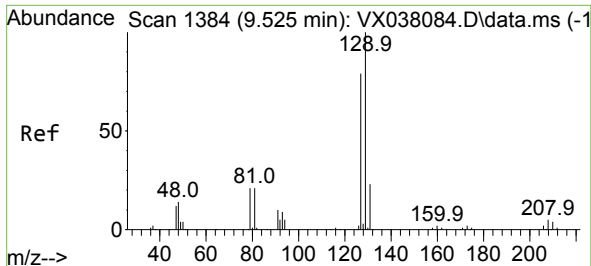
Tgt Ion: 43 Resp: 1195

Ion Ratio Lower Upper

43 100

58 170.9 30.4 45.6#

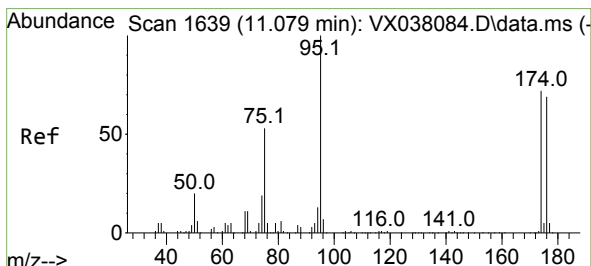
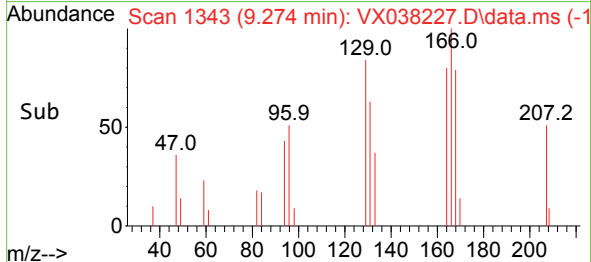
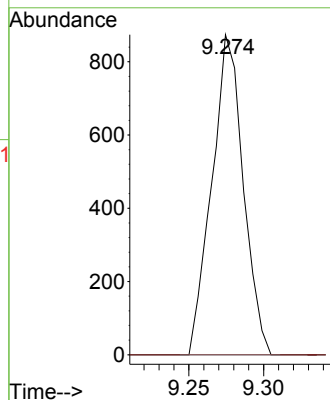
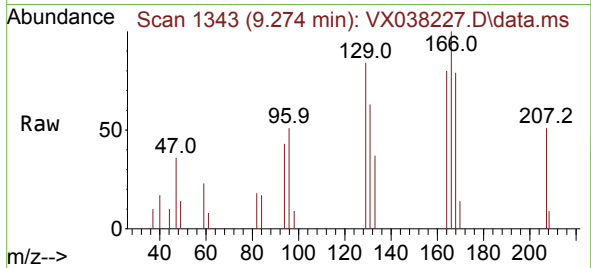




#60
Dibromochloromethane
Concen: 0.837 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

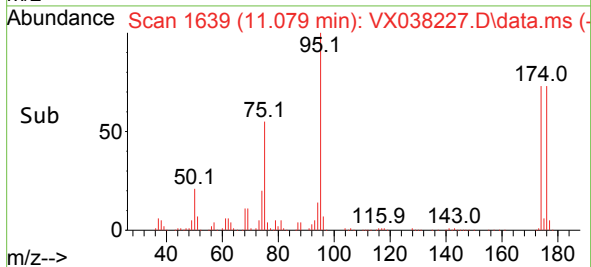
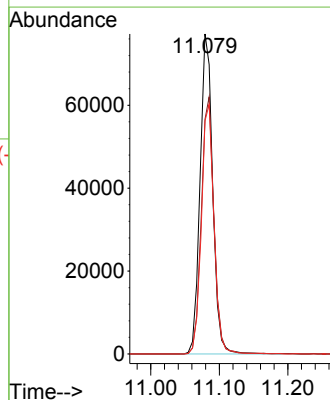
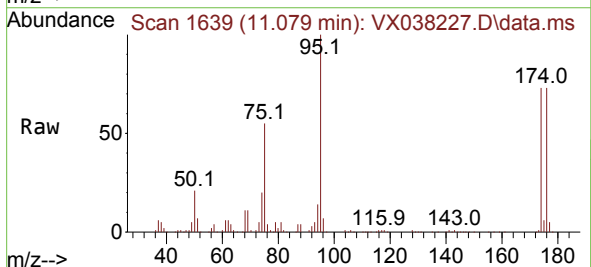
Instrument :
MSVOA_X
ClientSampleId :

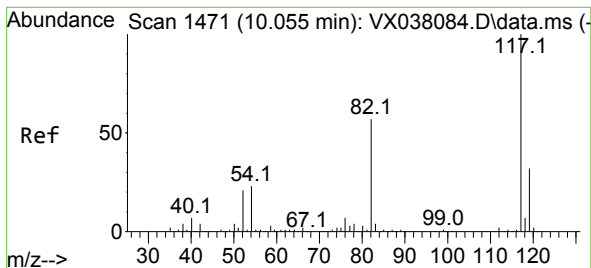
Tgt Ion:129 Resp: 1277
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

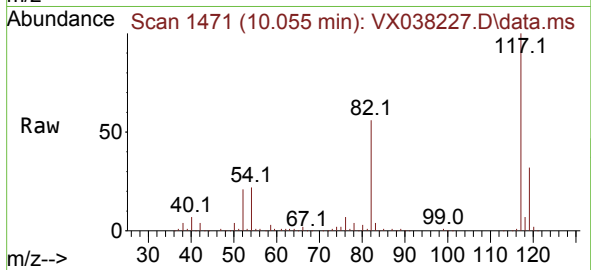
Tgt Ion: 95 Resp: 98947
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 78.1 0.0 131.0



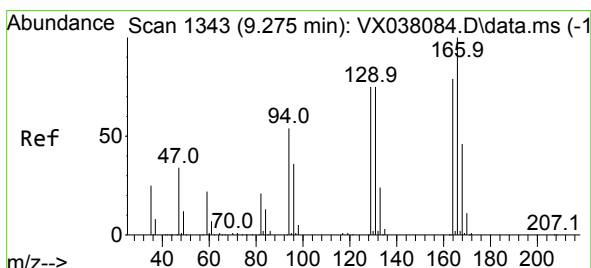
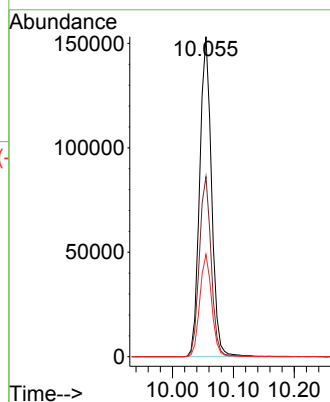
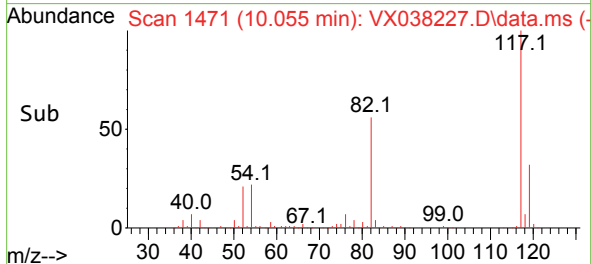


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

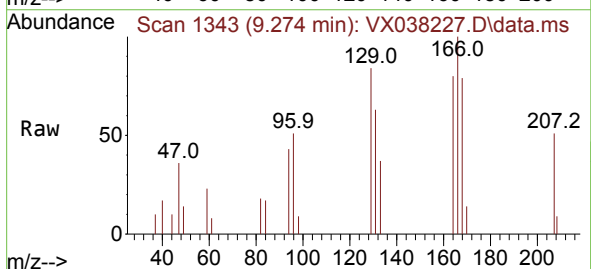
Instrument :
MSVOA_X
ClientSampleId :



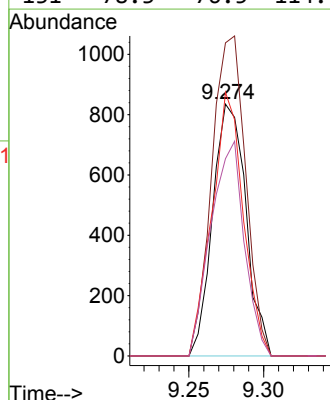
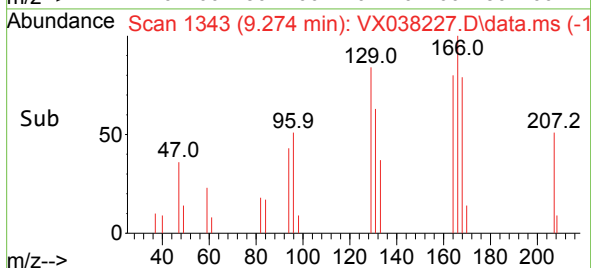
Tgt Ion:117 Resp: 206991
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.9 25.5 38.3

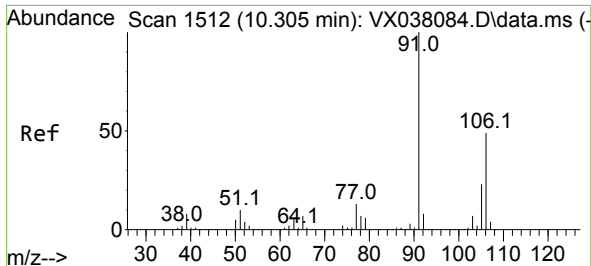


#64
Tetrachloroethene
Concen: 0.962 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23



Tgt Ion:164 Resp: 1289
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 104.7 80.4 120.6
131 78.3 76.5 114.7

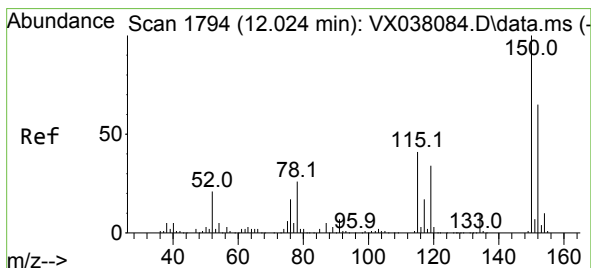
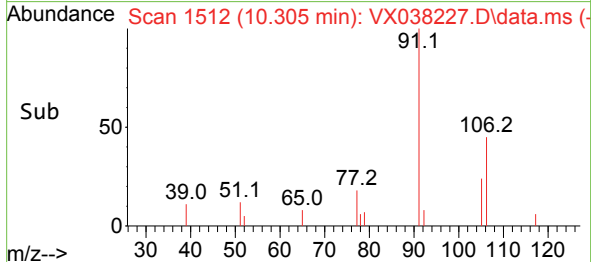
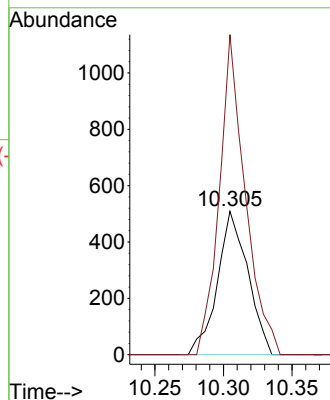
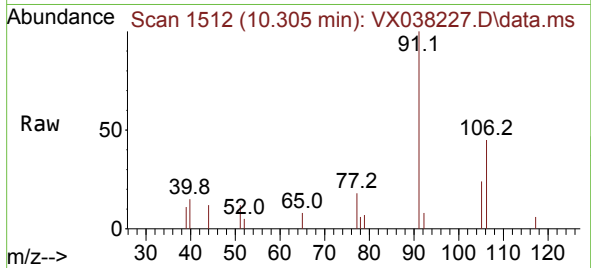




#68
m/p-Xylenes
Concen: 0.263 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

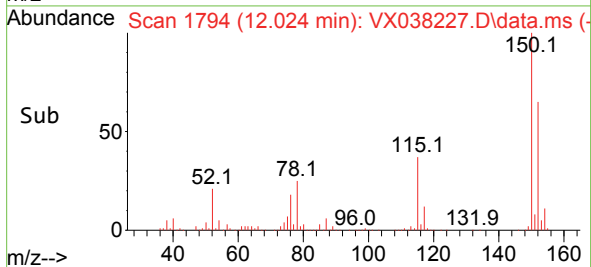
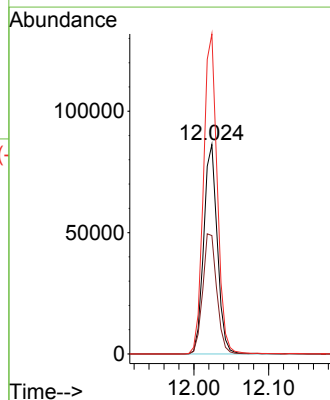
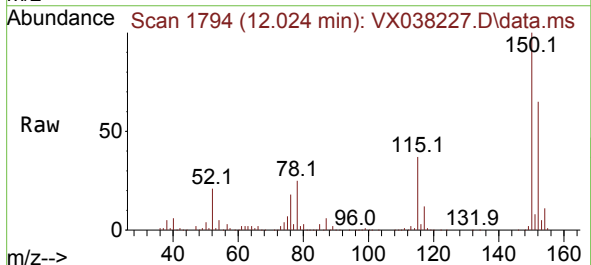
Instrument :
MSVOA_X
ClientSampleId :

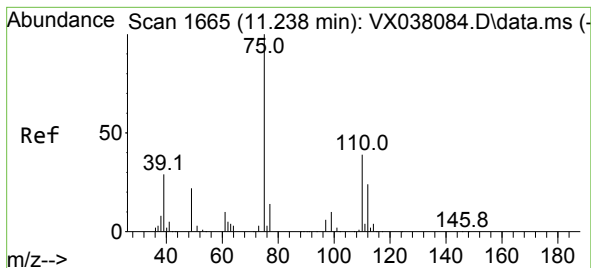
Tgt Ion:106 Resp: 787
Ion Ratio Lower Upper
106 100
91 190.3 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038227.D
Acq: 11 Oct 2023 14:23

Tgt Ion:152 Resp: 108801
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.951 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038227.D

Acq: 11 Oct 2023 14:23

Instrument :

MSVOA_X

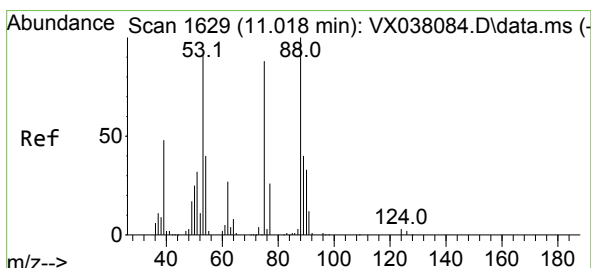
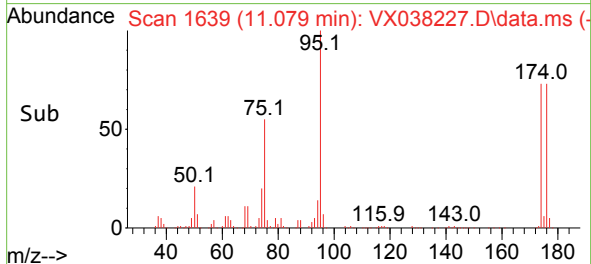
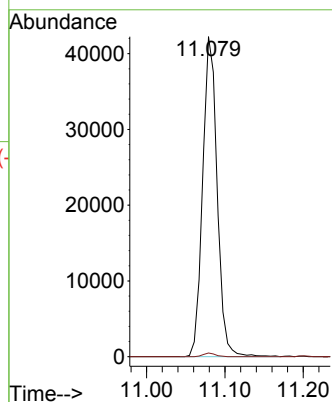
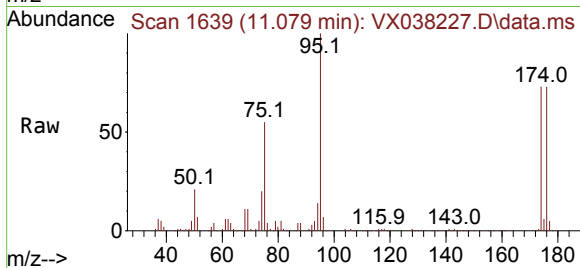
ClientSampleId :

Tgt Ion: 75 Resp: 54294

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.958 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038227.D

Acq: 11 Oct 2023 14:23

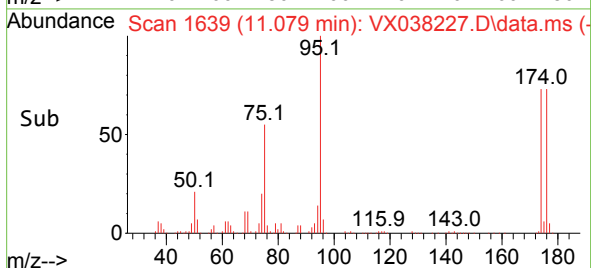
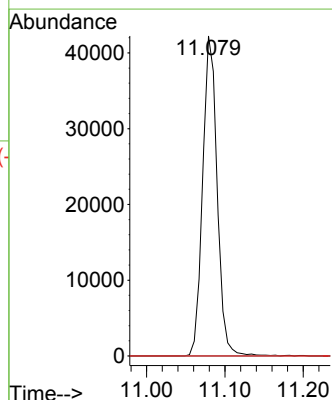
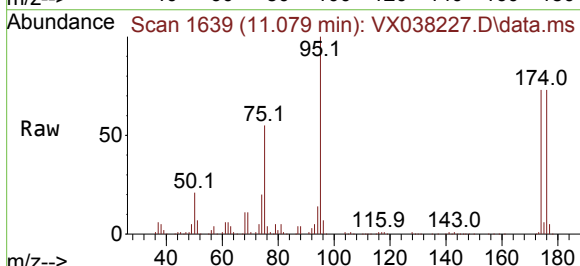
Tgt Ion: 75 Resp: 54294

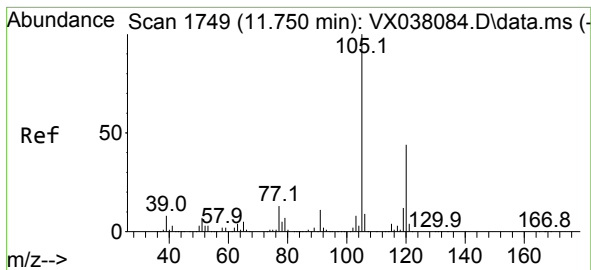
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

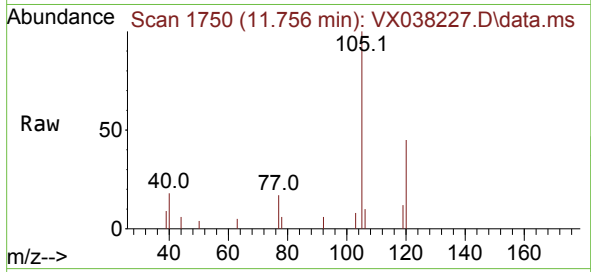
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.238 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038227.D
 Acq: 11 Oct 2023 14:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 1493
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.2 63.6

