

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039440.D
 Acq On : 22 Dec 2023 15:18
 Operator : JC/MD
 Sample : 05966-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:25:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

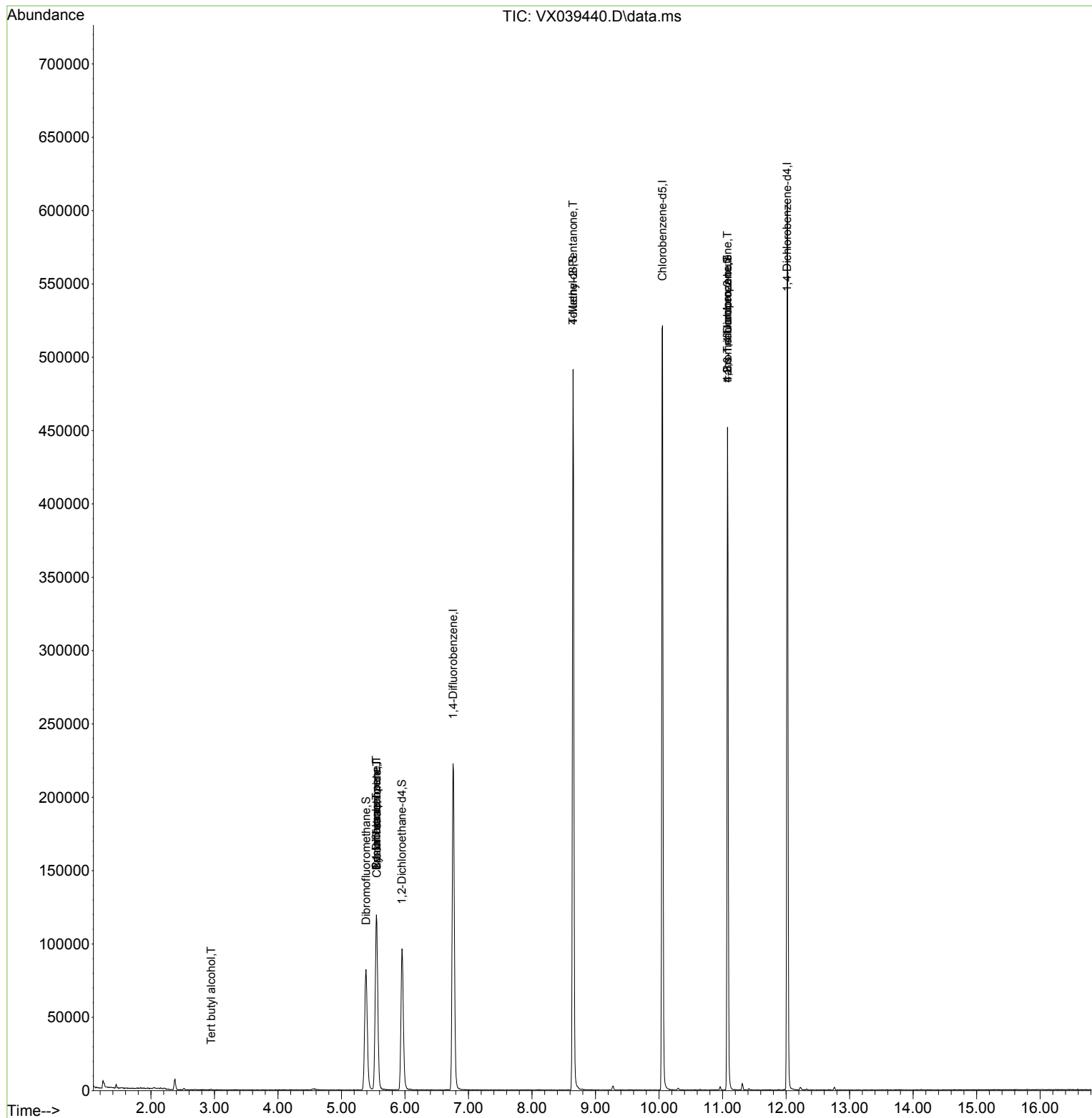
Internal Standards						
1) Pentafluorobenzene	5.550	168	100028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92049	50.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.460%
35) Dibromofluoromethane	5.385	113	71802	48.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	8.647	98	279916	50.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	124490	54.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	188	0.409	ug/l #	78
16) Acetone	2.373	43	8082	Below Cal		96
31) Cyclohexane	5.550	56	3209	1.356	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	9778	4.143	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12059	5.355	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1355	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68433	23.334	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68433	65.825	ug/l #	5

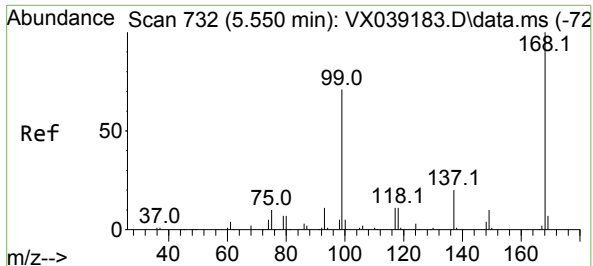
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
Data File : VX039440.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

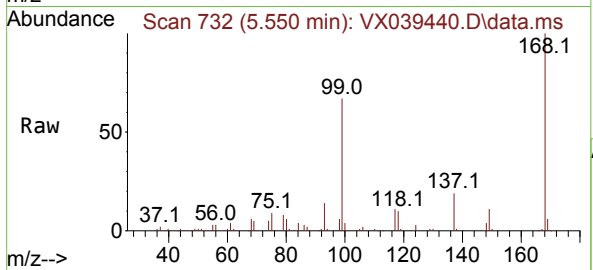
Quant Time: Dec 23 06:25:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



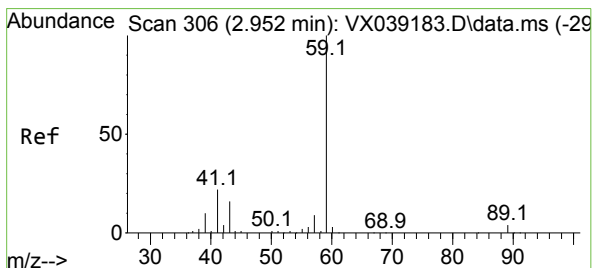
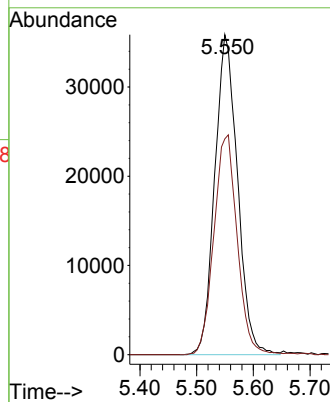
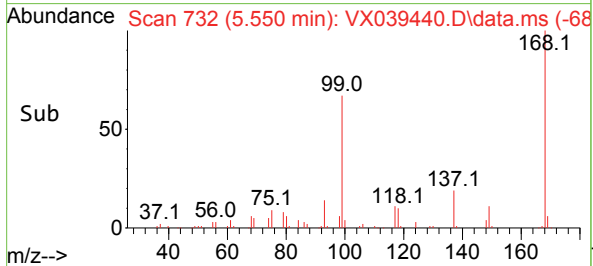


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Instrument :
MSVOA_X
ClientSampleId :

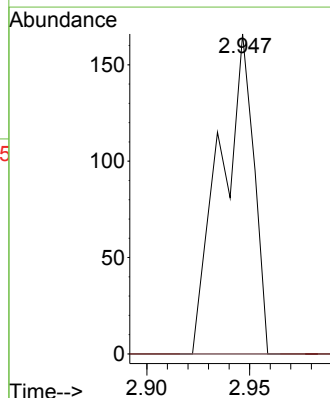
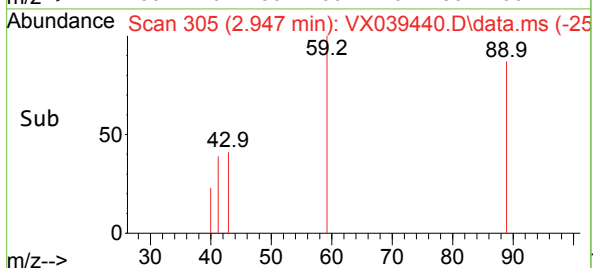
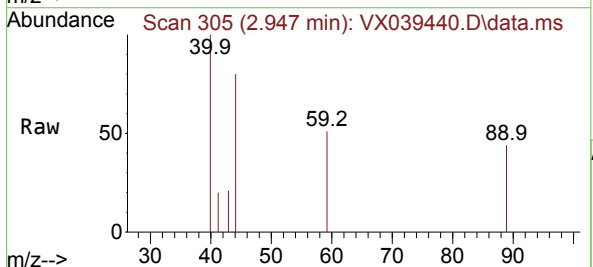


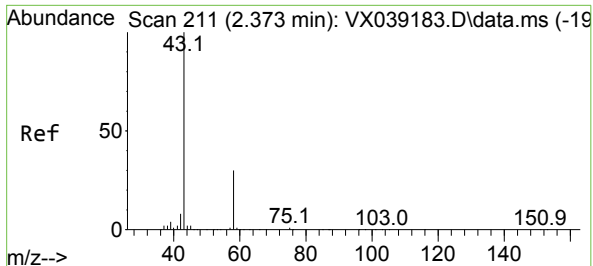
Tgt Ion:168 Resp: 100028
Ion Ratio Lower Upper
168 100
99 67.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.409 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

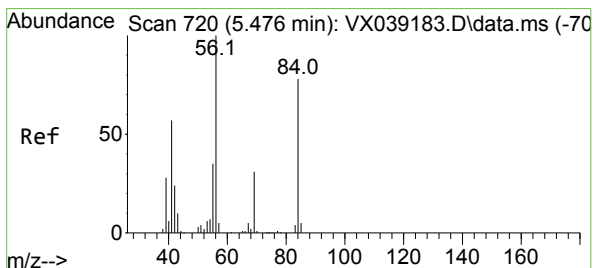
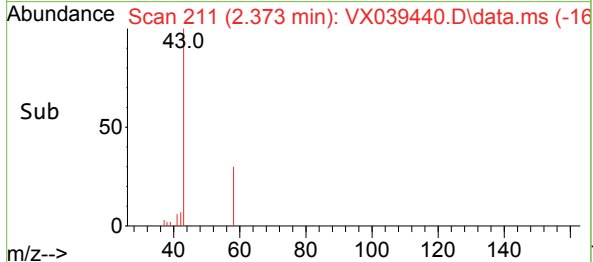
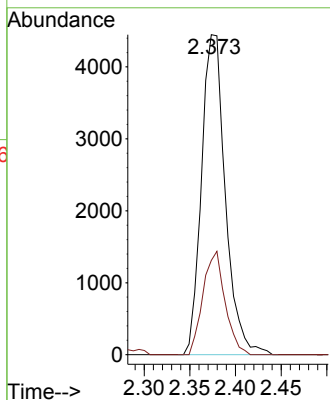
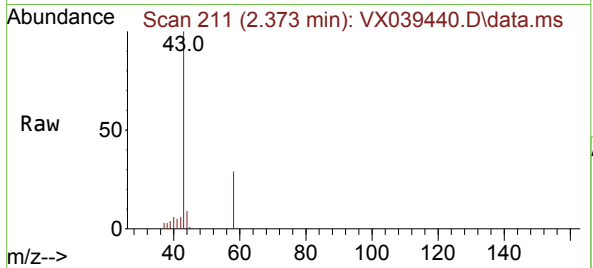




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

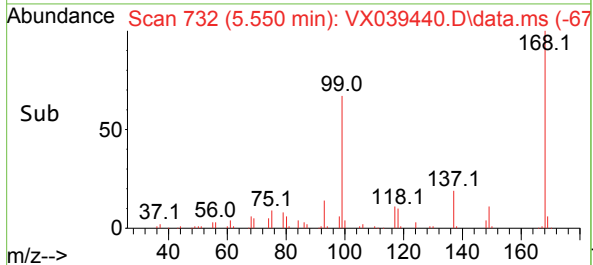
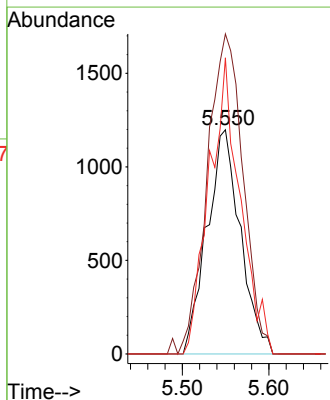
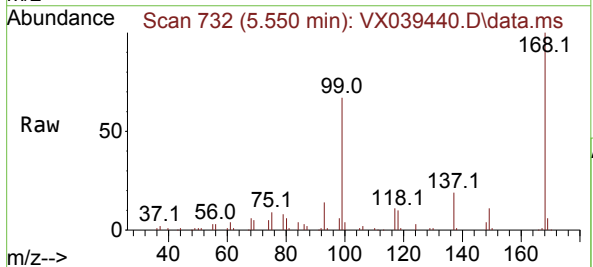
Instrument :
MSVOA_X
ClientSampleId :

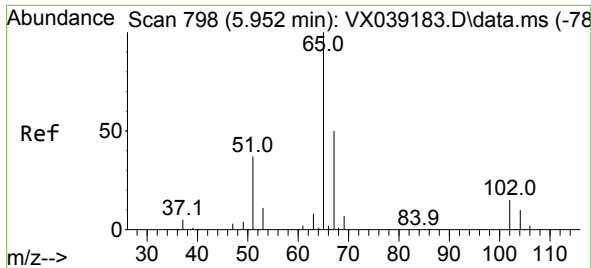
Tgt Ion: 43 Resp: 8082
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Tgt Ion: 56 Resp: 3209
Ion Ratio Lower Upper
56 100
69 142.7 23.4 35.2#
84 132.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.233 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039440.D

Acq: 22 Dec 2023 15:18

Instrument :

MSVOA_X

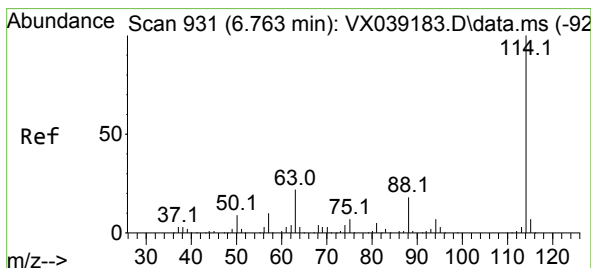
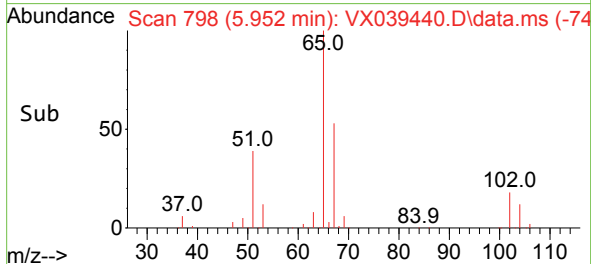
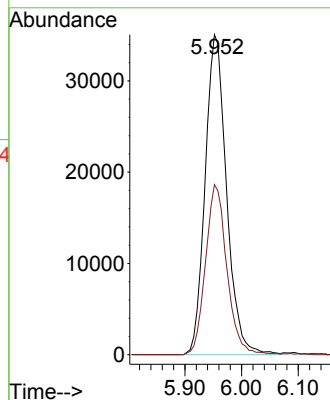
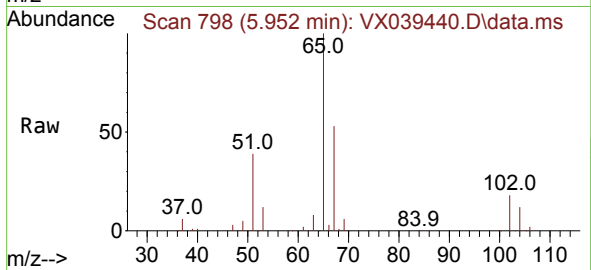
ClientSampleId :

Tgt Ion: 65 Resp: 92049

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039440.D

Acq: 22 Dec 2023 15:18

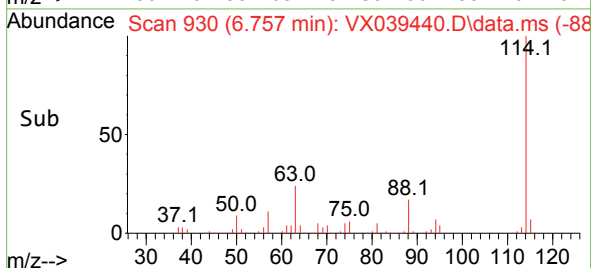
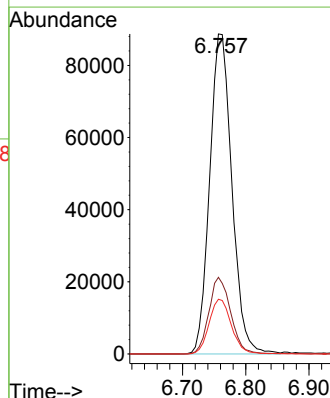
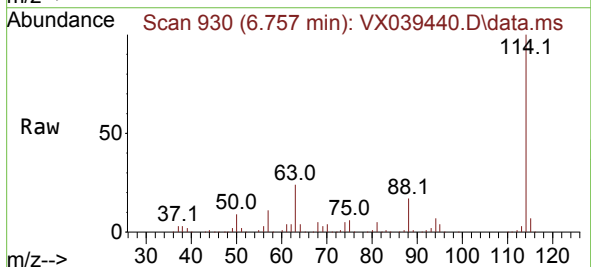
Tgt Ion: 114 Resp: 216468

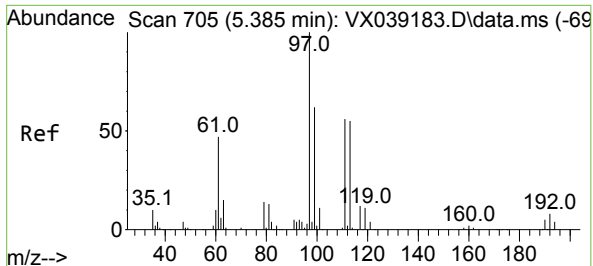
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

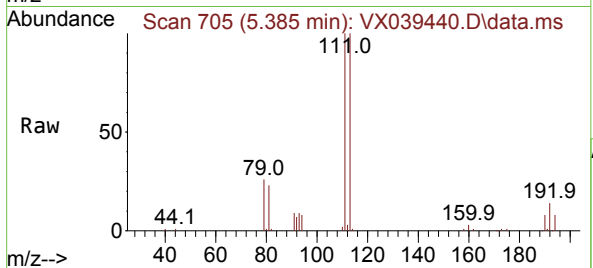
88 17.1 0.0 36.6



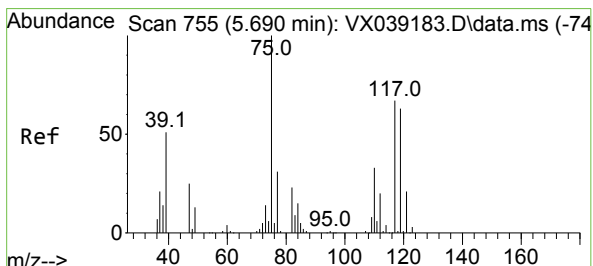
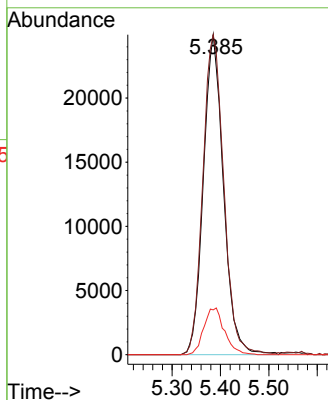
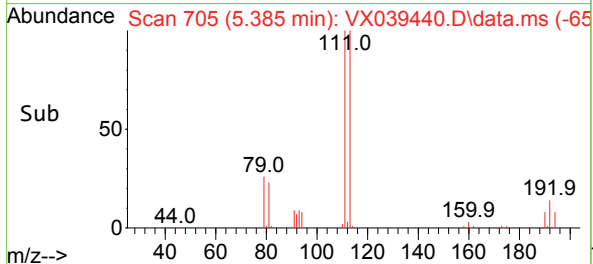


#35
Dibromofluoromethane
Concen: 48.013 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Instrument :
MSVOA_X
ClientSampleId :

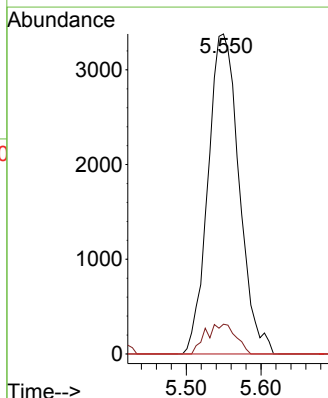
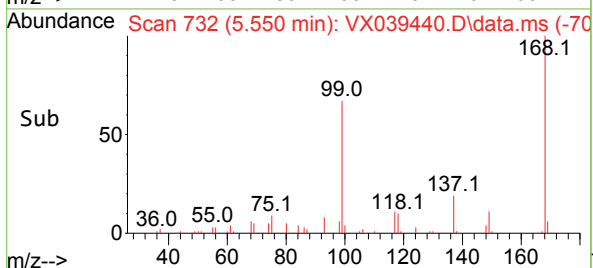
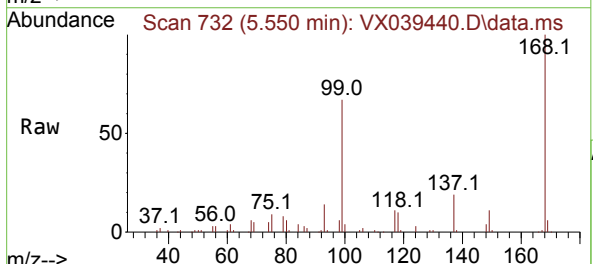


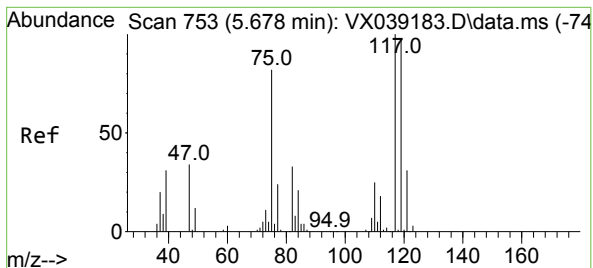
Tgt Ion:113 Resp: 71802
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.143 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Tgt Ion: 75 Resp: 9778
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.355 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

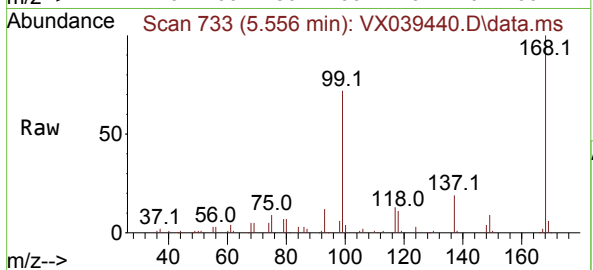
Lab File: VX039440.D

Acq: 22 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :



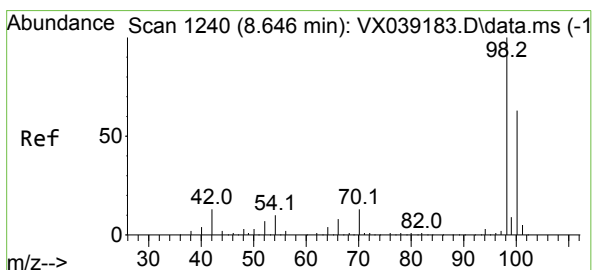
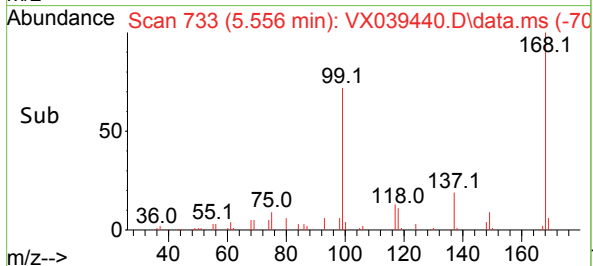
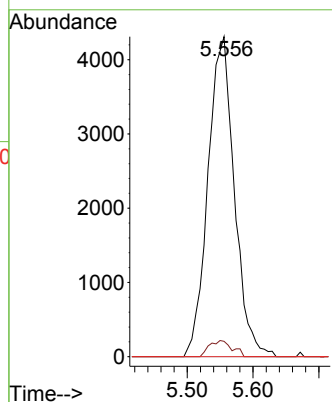
Tgt Ion:117 Resp: 12059

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 50.418 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039440.D

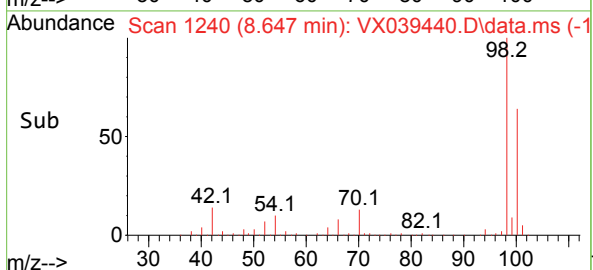
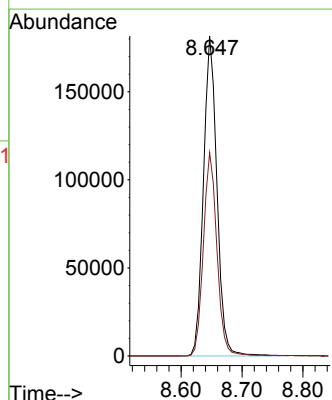
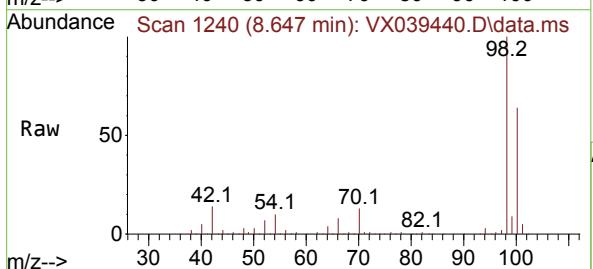
Acq: 22 Dec 2023 15:18

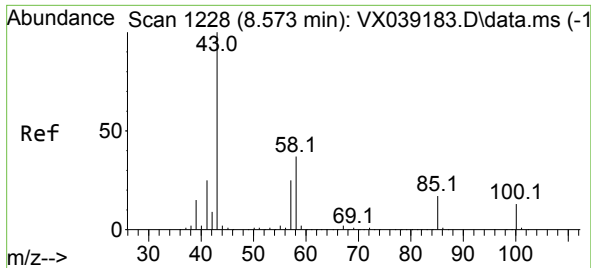
Tgt Ion: 98 Resp: 279916

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

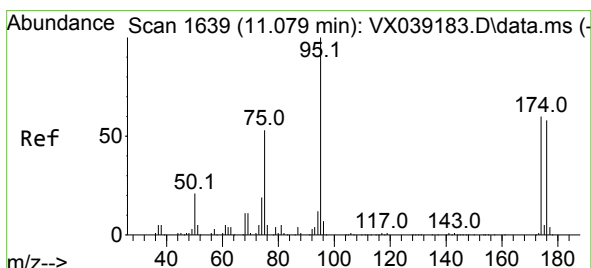
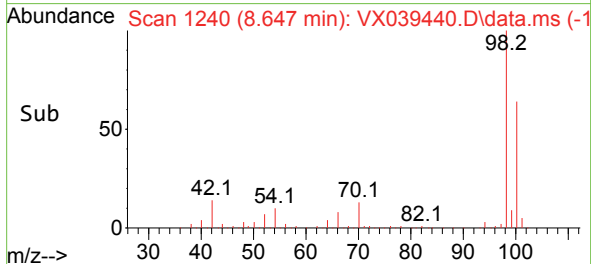
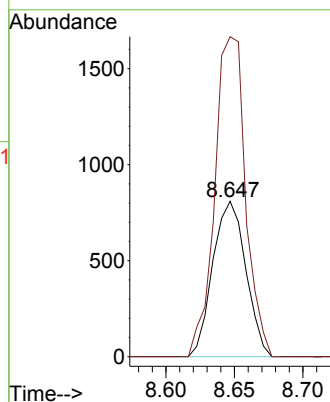
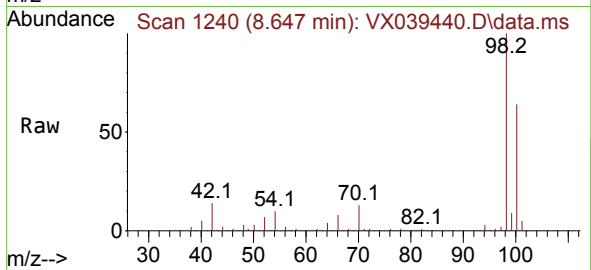




#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

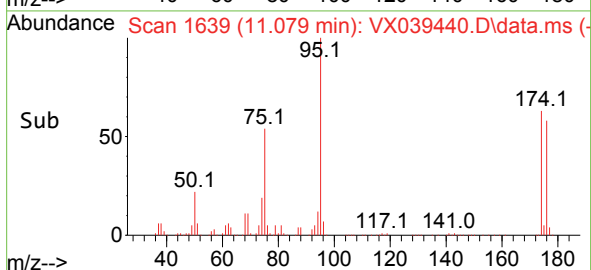
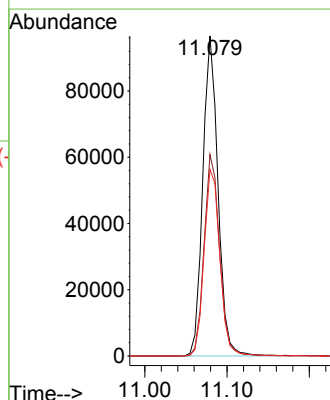
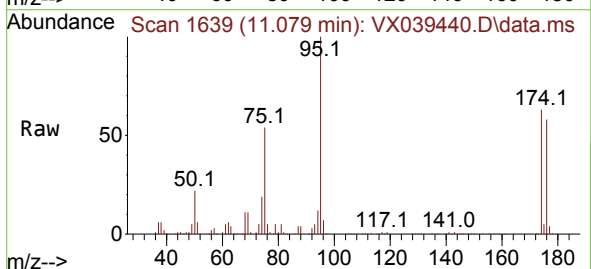
Instrument :
MSVOA_X
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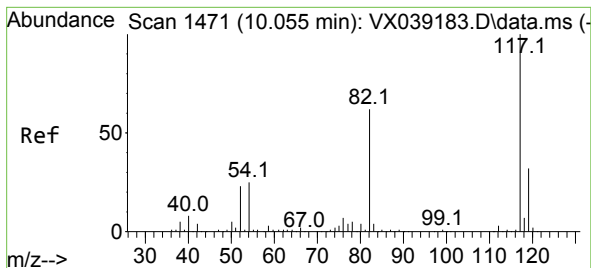
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 192.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 54.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Tgt Ion: 95 Resp: 124490
Ion Ratio Lower Upper
95 100
174 64.0 0.0 135.6
176 60.5 0.0 131.0

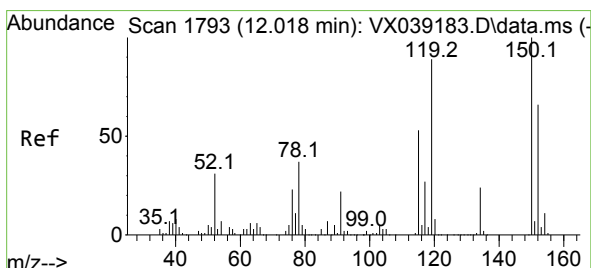
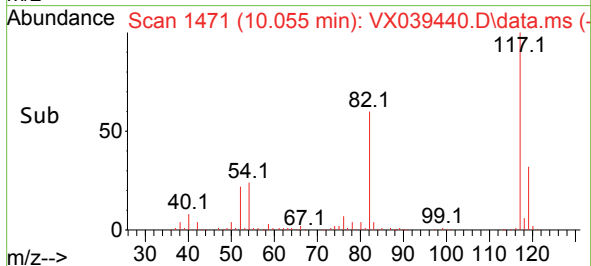
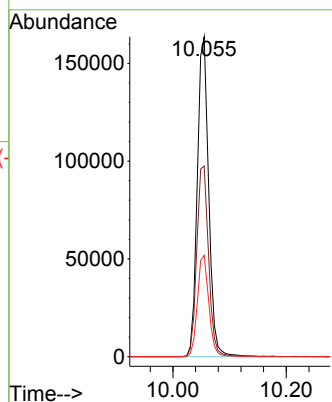
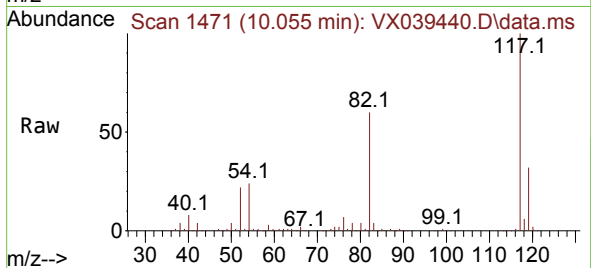




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

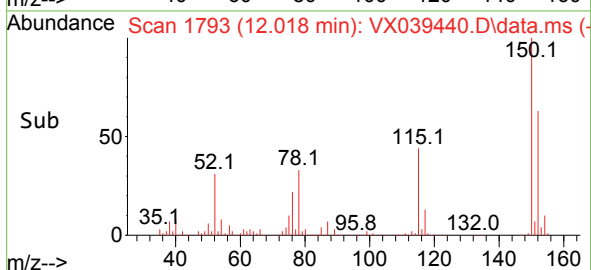
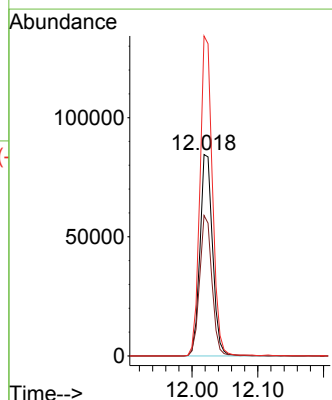
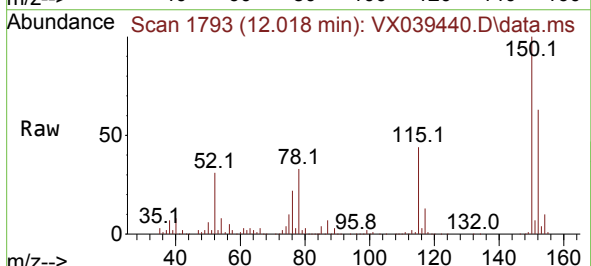
Instrument :
MSVOA_X
ClientSampleId :

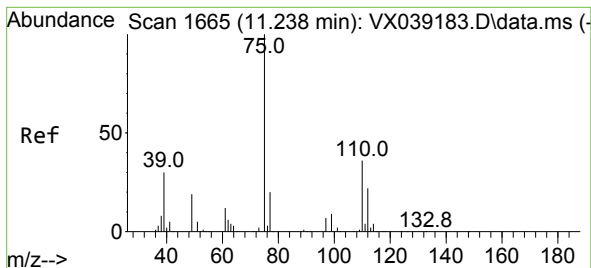
Tgt Ion:117 Resp: 228086
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039440.D
Acq: 22 Dec 2023 15:18

Tgt Ion:152 Resp: 113358
Ion Ratio Lower Upper
152 100
115 68.0 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.334 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039440.D

Acq: 22 Dec 2023 15:18

Instrument :

MSVOA_X

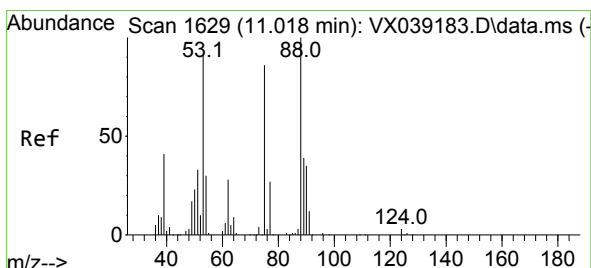
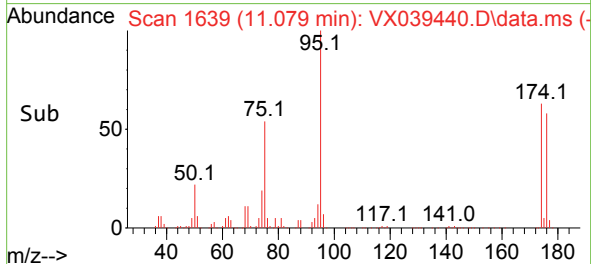
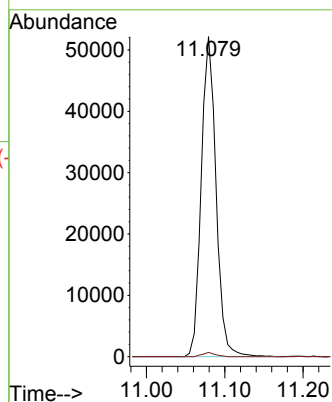
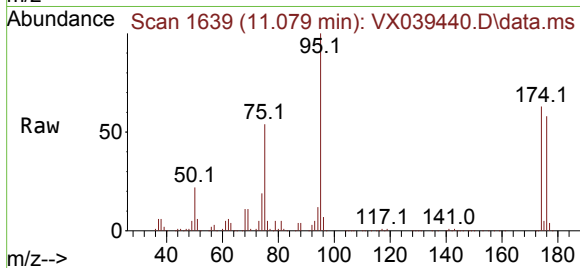
ClientSampleId :

Tgt Ion: 75 Resp: 68433

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.825 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039440.D

Acq: 22 Dec 2023 15:18

Tgt Ion: 75 Resp: 68433

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

