

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039166.D
 Acq On : 12 Dec 2023 15:25
 Operator : JC/MD
 Sample : 05729-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 13 04:17:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

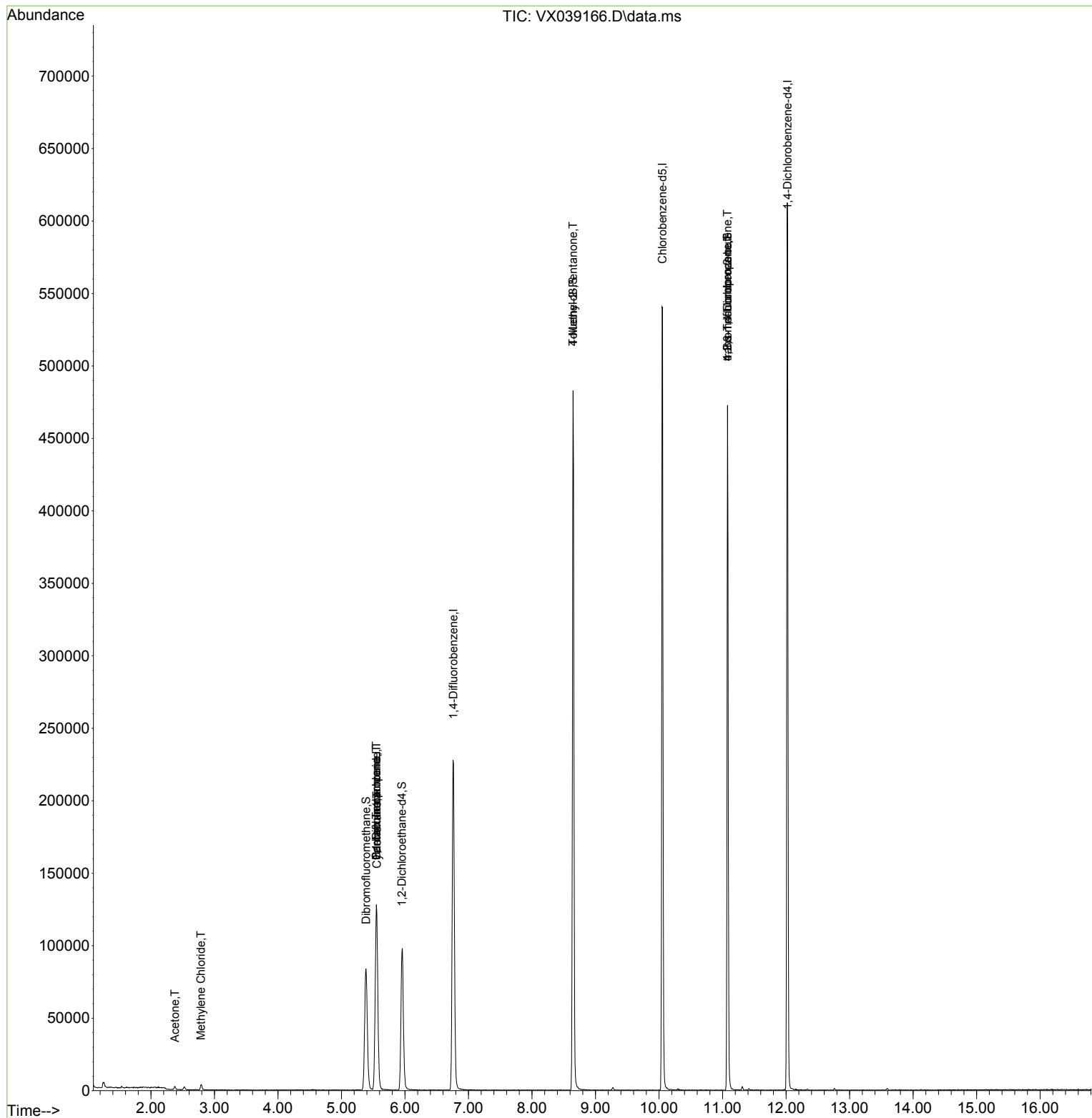
Internal Standards						
1) Pentafluorobenzene	5.550	168	109760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95118	53.781	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.560%		
35) Dibromofluoromethane	5.385	113	74651	45.765	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.540%		
50) Toluene-d8	8.647	98	283694	45.457	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 90.920%#		
62) 4-Bromofluorobenzene	11.079	95	130050	52.056	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.120%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	2359	2.506	ug/l	99
20) Methylene Chloride	2.788	84	1800	1.061	ug/l	94
31) Cyclohexane	5.556	56	3097	1.226	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	10693	4.574	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12664	5.861	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1365	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71319	24.346	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	71319	54.003	ug/l #	5

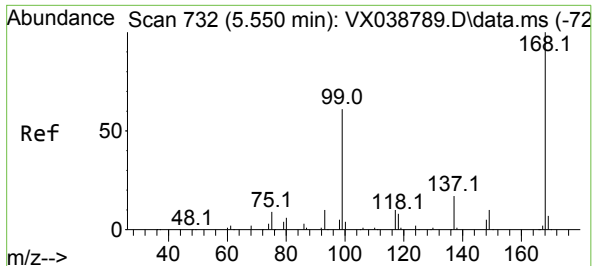
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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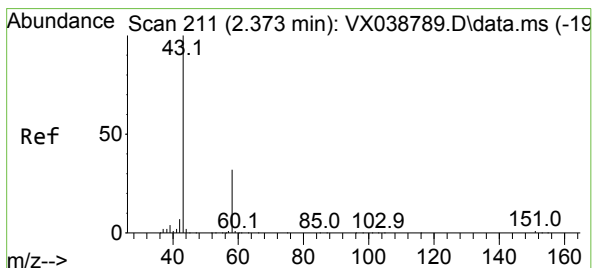
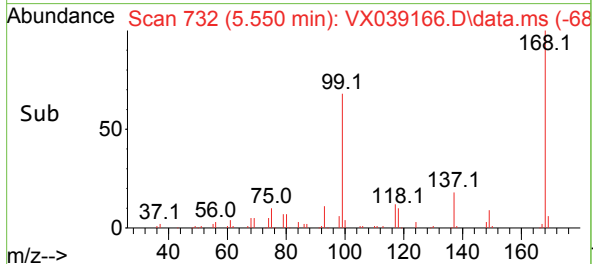
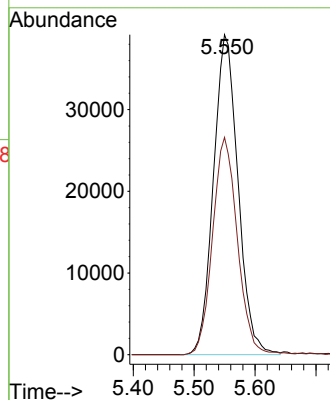
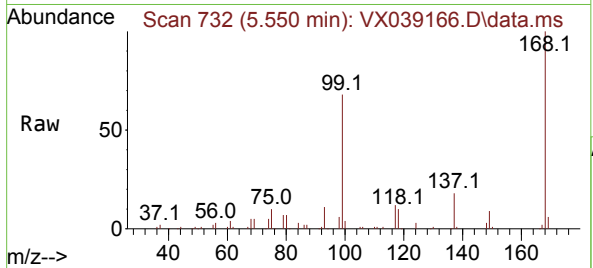




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

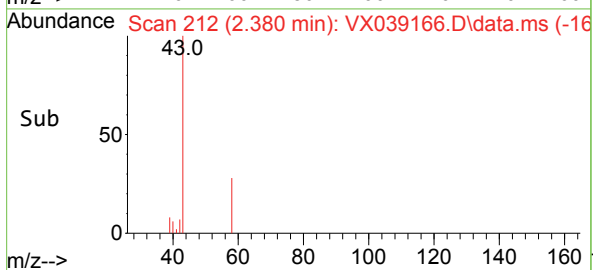
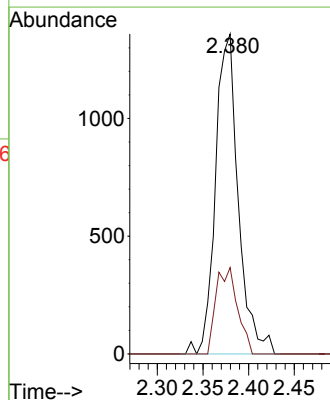
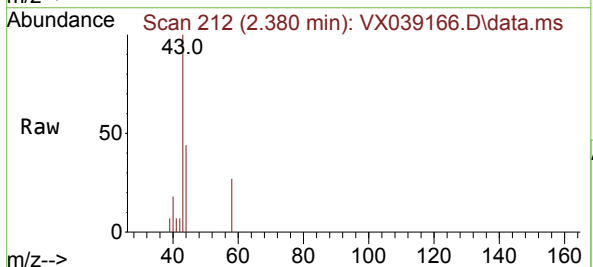
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

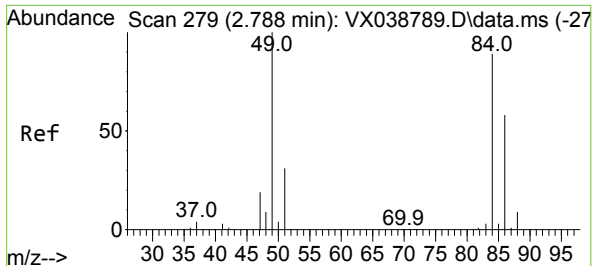
Tgt Ion:168 Resp: 109760
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#16
Acetone
Concen: 2.506 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion: 43 Resp: 2359
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9

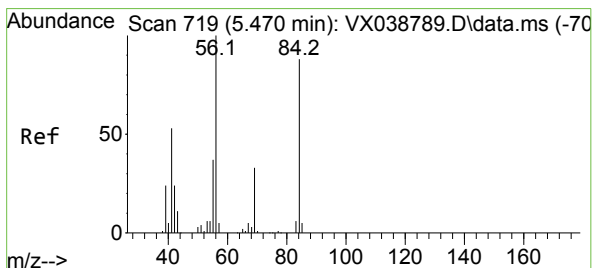
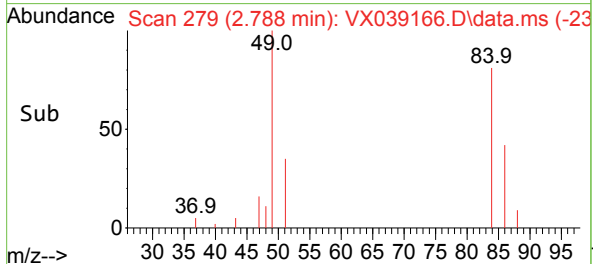
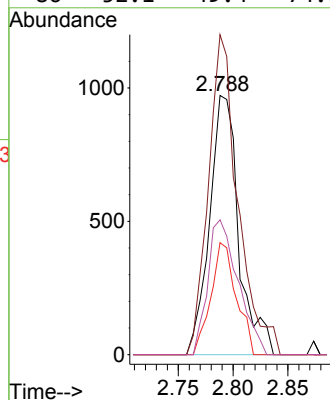
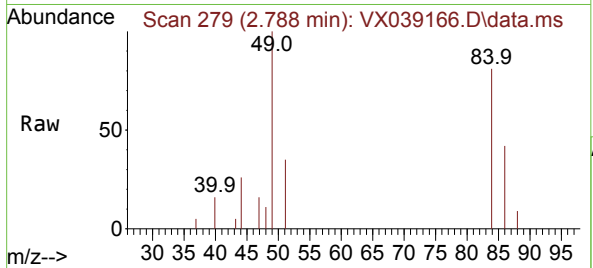




#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

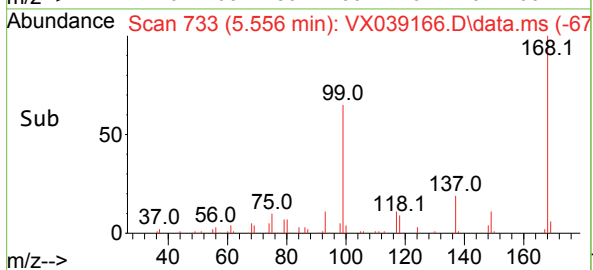
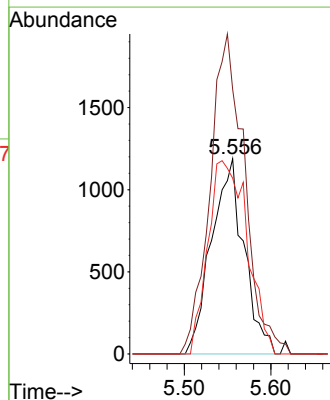
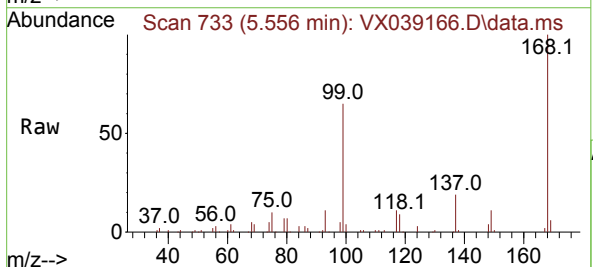
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

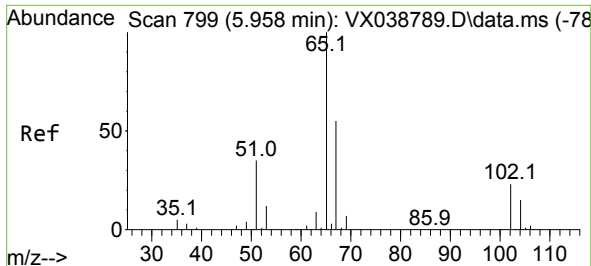
Tgt Ion: 84	Resp: 1800
Ion Ratio	Lower Upper
84 100	
49 123.5	103.6 155.4
51 43.2	33.8 50.6
86 52.1	49.4 74.0



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion: 56	Resp: 3097
Ion Ratio	Lower Upper
56 100	
69 135.5	23.4 35.2#
84 90.1	65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 53.781 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039166.D

Acq: 12 Dec 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

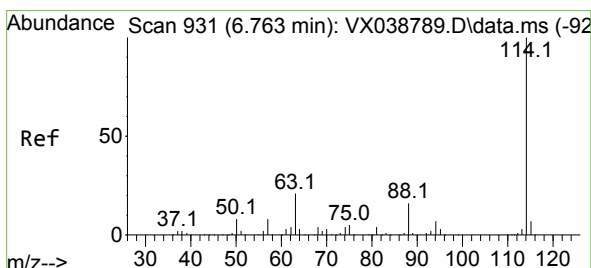
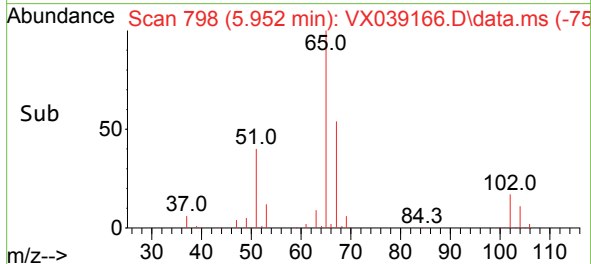
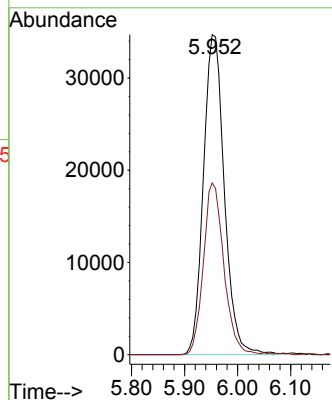
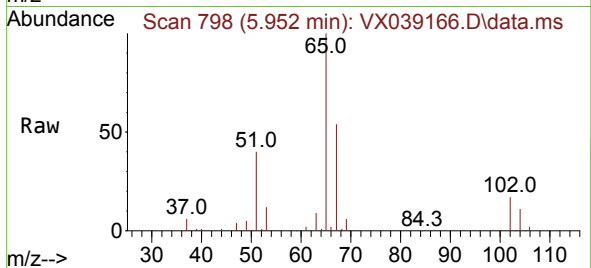
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 95118

Ion Ratio Lower Upper

65 100

67 52.5 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: VX039166.D

Acq: 12 Dec 2023 15:25

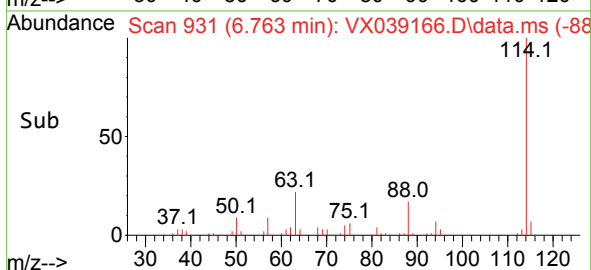
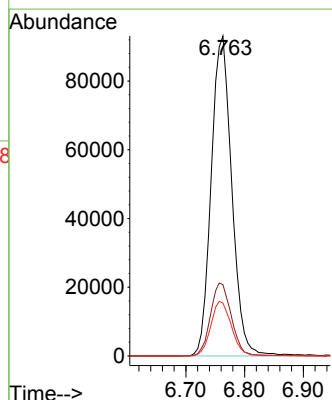
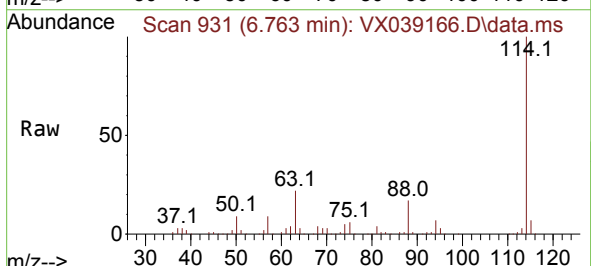
Tgt Ion:114 Resp: 225853

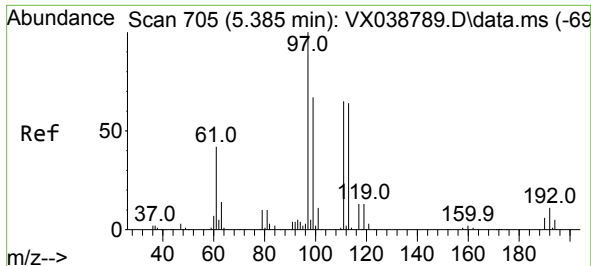
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.5 0.0 36.6

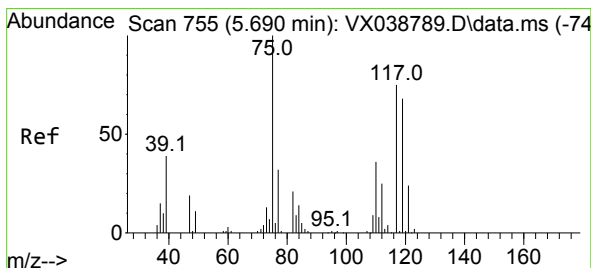
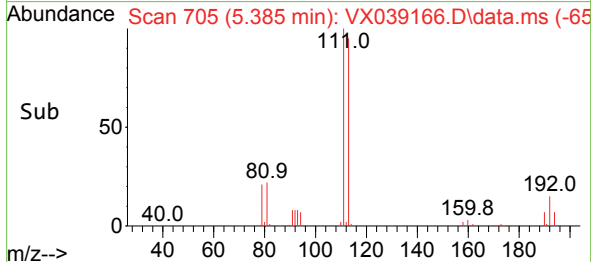
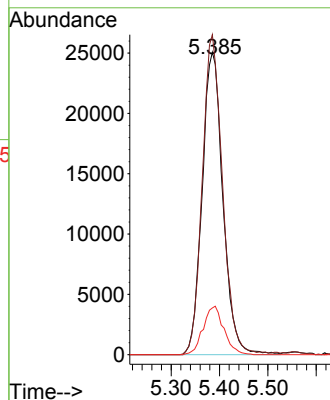
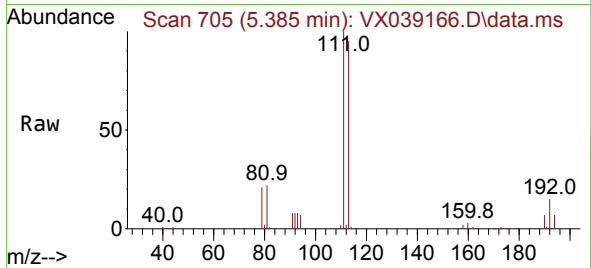




#35
Dibromofluoromethane
Concen: 45.765 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

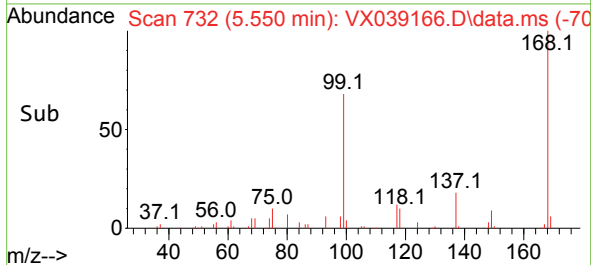
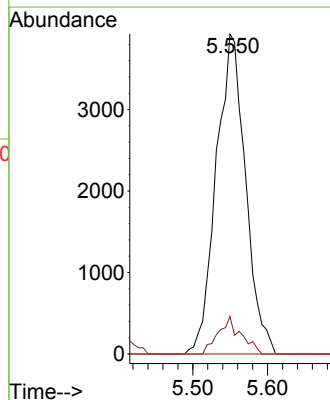
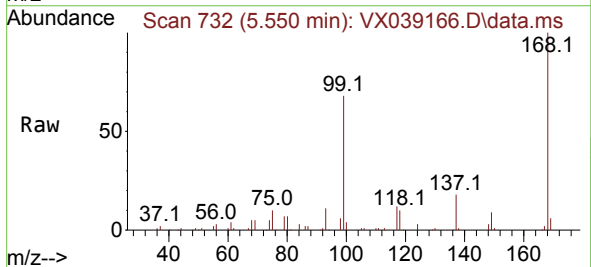
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

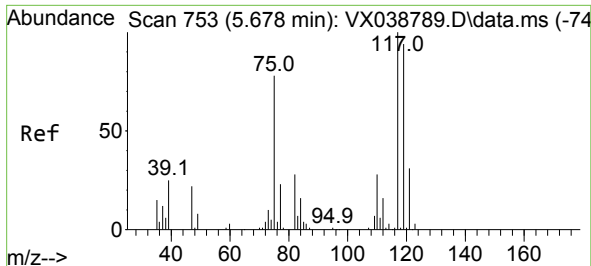
Tgt Ion:113 Resp: 74651
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

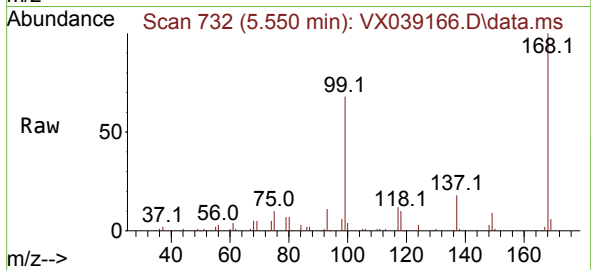
Tgt Ion: 75 Resp: 10693
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



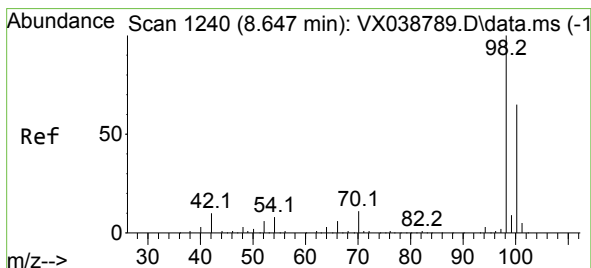
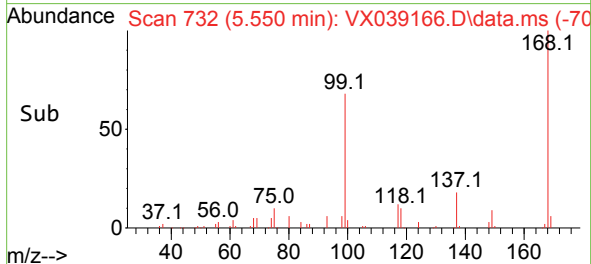
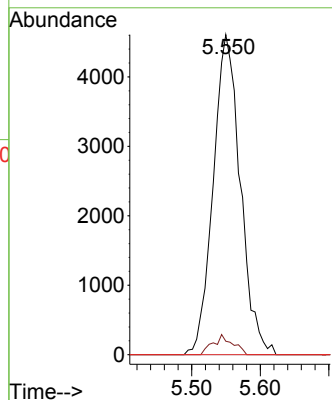


#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

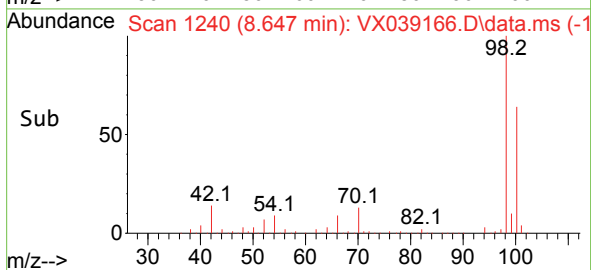
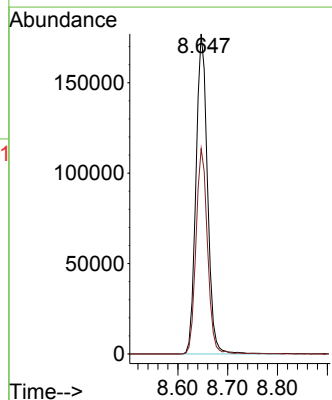
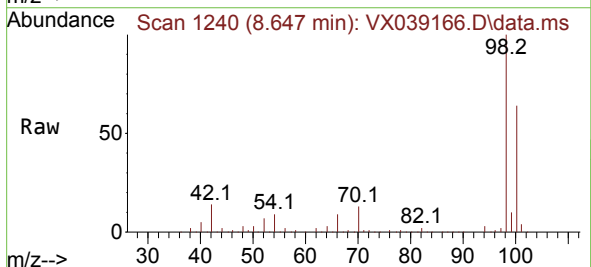


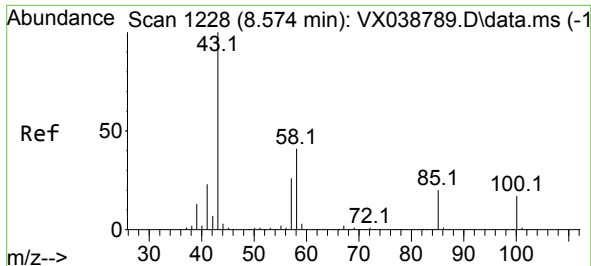
Tgt Ion:117 Resp: 12664
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.457 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion: 98 Resp: 283694
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

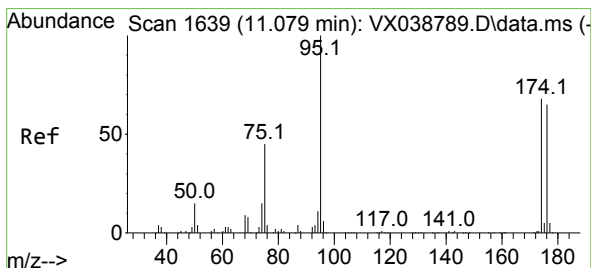
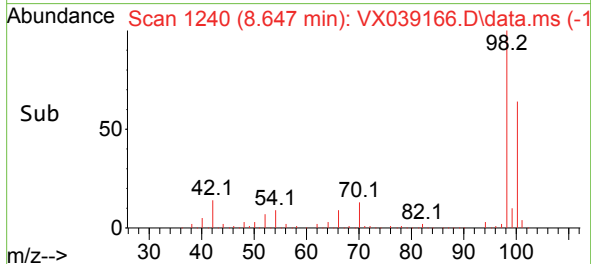
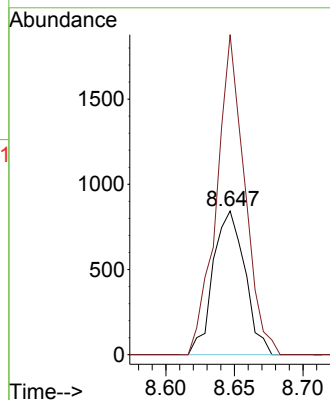
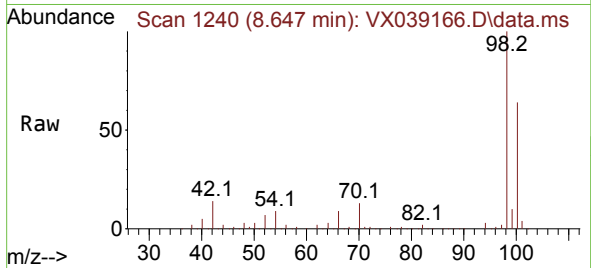




#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

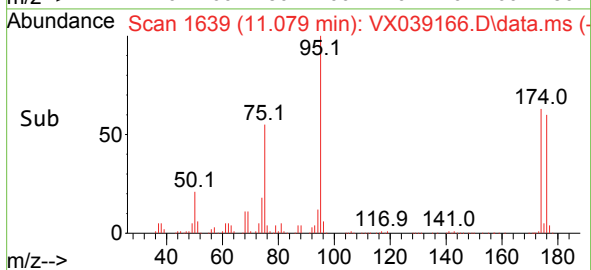
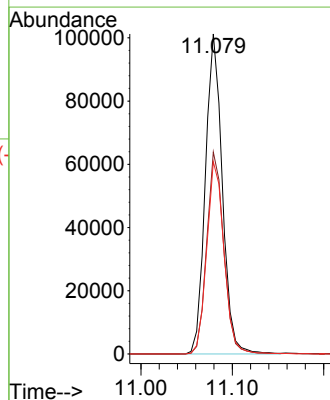
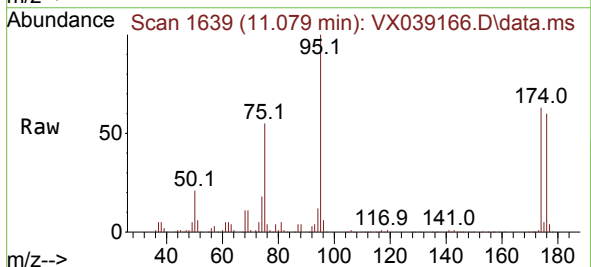
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

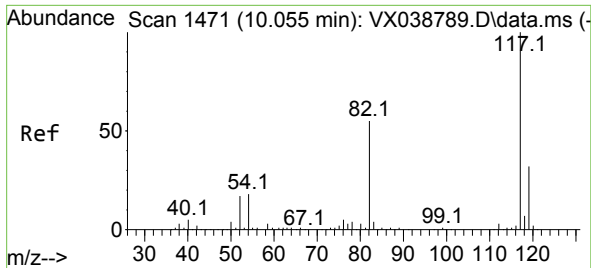
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 196.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion: 95 Resp: 130050
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 61.4 0.0 131.0

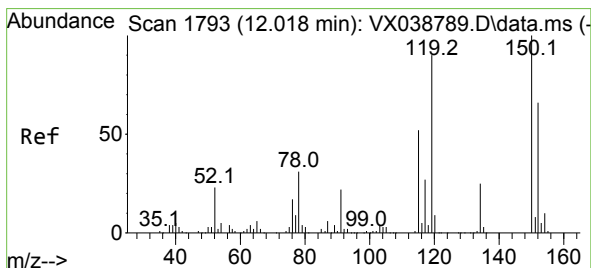
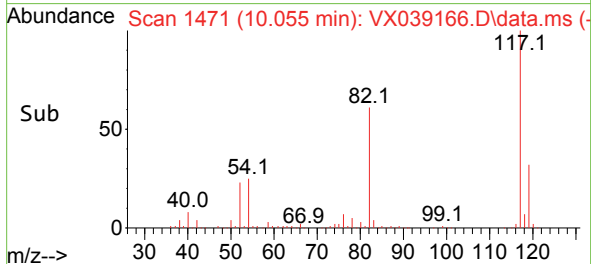
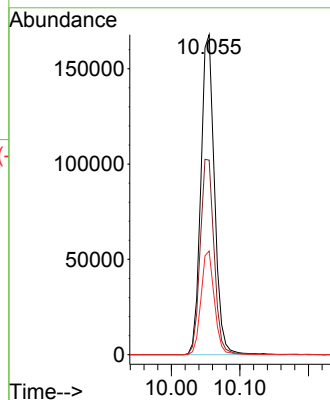
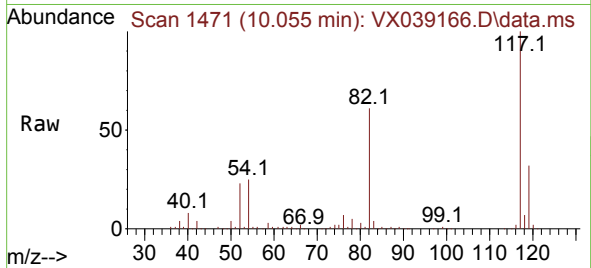




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

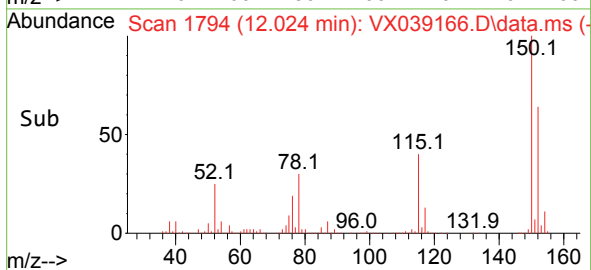
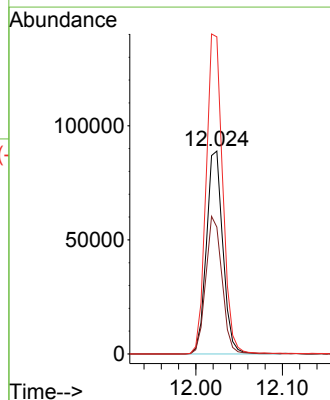
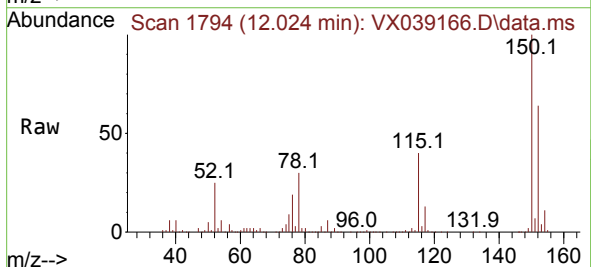
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

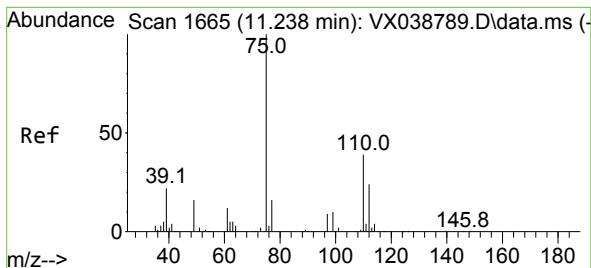
Tgt Ion:117 Resp: 232985
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion:152 Resp: 117409
Ion Ratio Lower Upper
152 100
115 66.8 43.3 129.9
150 158.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.346 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039166.D

Acq: 12 Dec 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

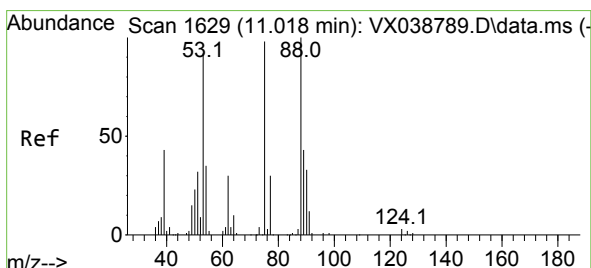
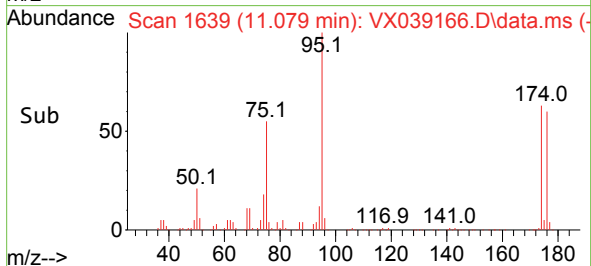
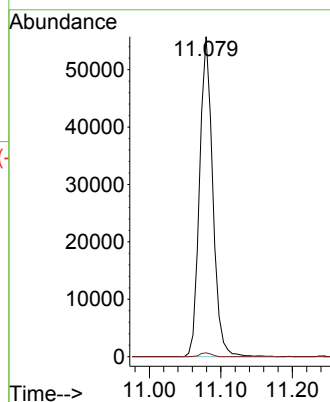
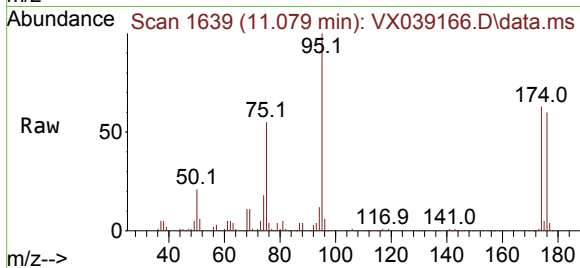
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 71319

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.003 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039166.D

Acq: 12 Dec 2023 15:25

Tgt Ion: 75 Resp: 71319

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

