

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045089.D
 Acq On : 28 Feb 2025 15:20
 Operator : JC/MD
 Sample : Q1403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 28 23:08:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

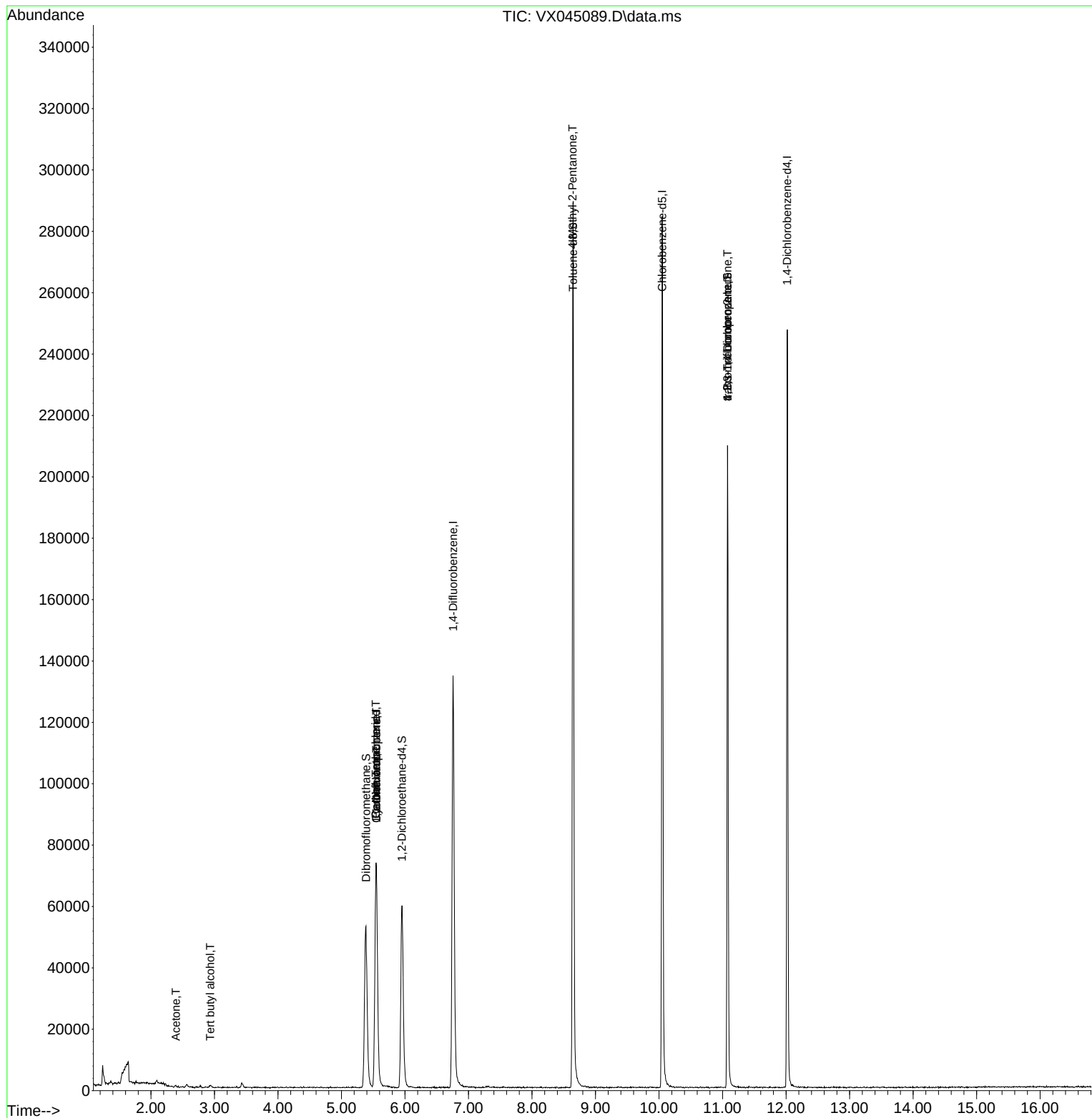
Internal Standards						
1) Pentafluorobenzene	5.544	168	69183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56248	51.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.220%	
35) Dibromofluoromethane	5.385	113	46601	50.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.580%	
50) Toluene-d8	8.647	98	169788	51.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	11.079	95	54990	49.893	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	330	1.583	ug/l #	73
16) Acetone	2.392	43	570	1.116	ug/l #	44
31) Cyclohexane	5.550	56	1655	1.105	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	6054	4.812	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7445	5.828	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	921	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30189	26.592	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30189	91.003	ug/l #	6

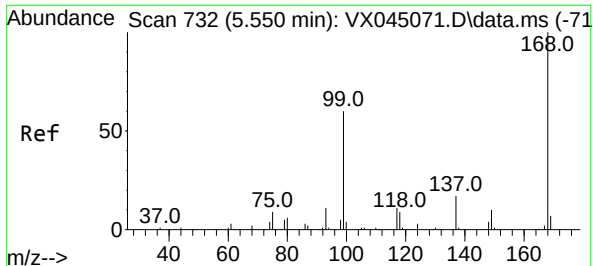
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 28 23:08:51 2025
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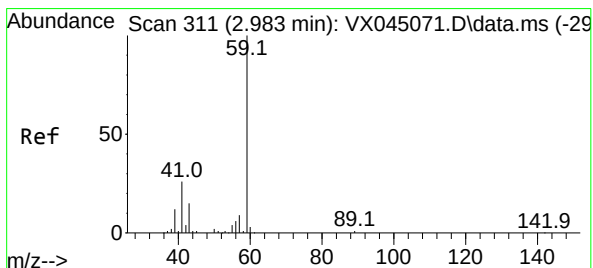
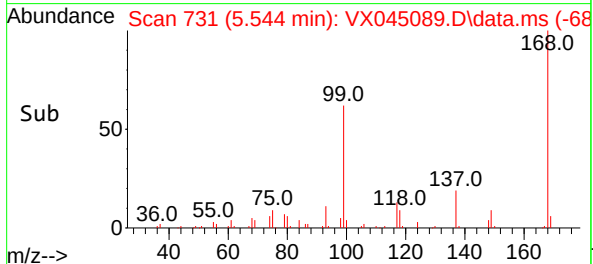
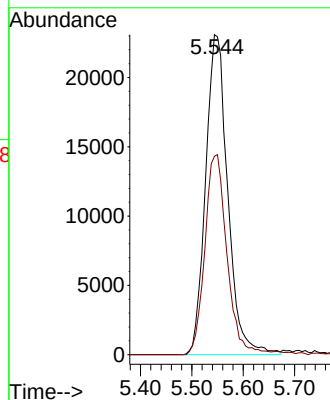
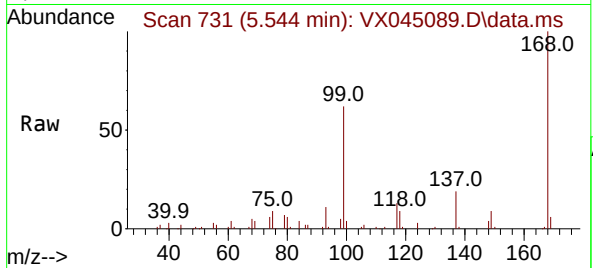




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

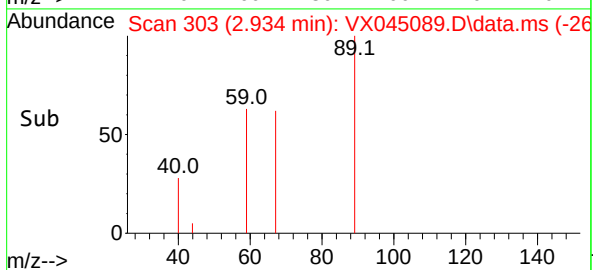
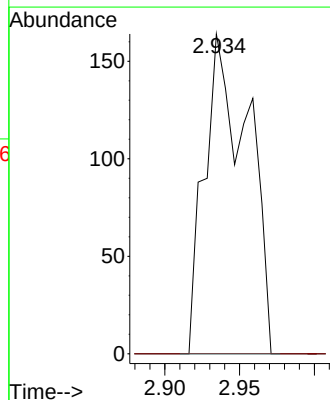
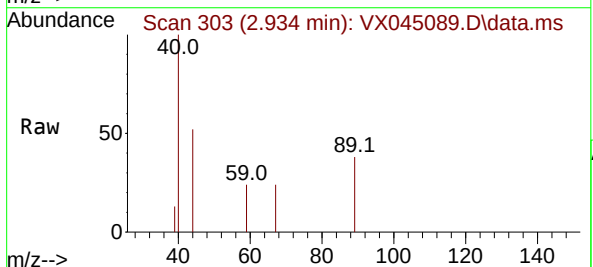
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

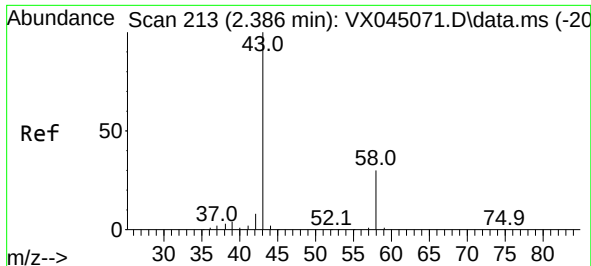
Tgt Ion:168 Resp: 69183
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.583 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

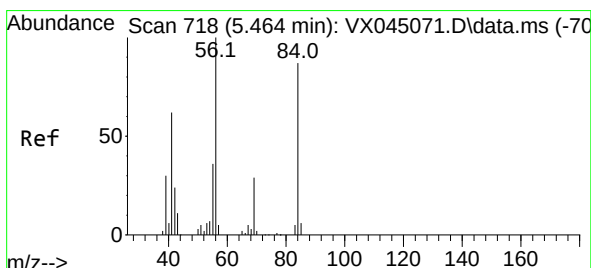
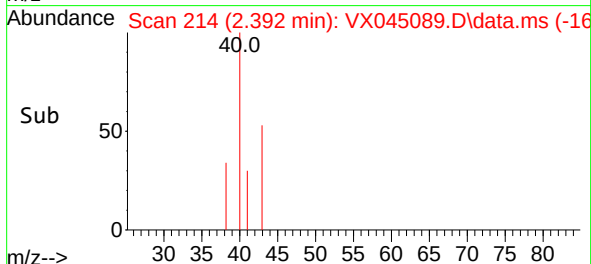
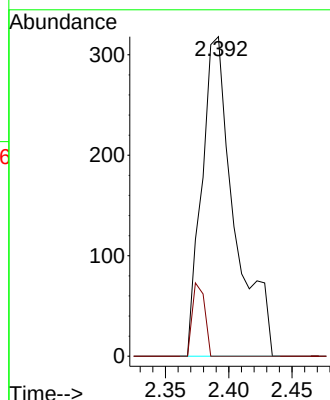
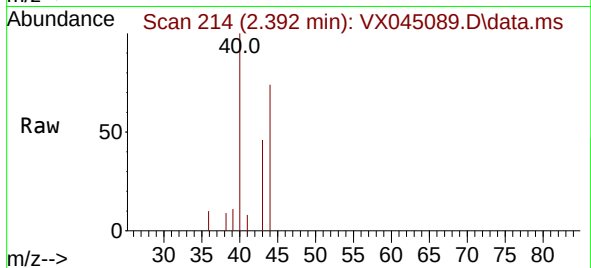




#16
Acetone
Concen: 1.116 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

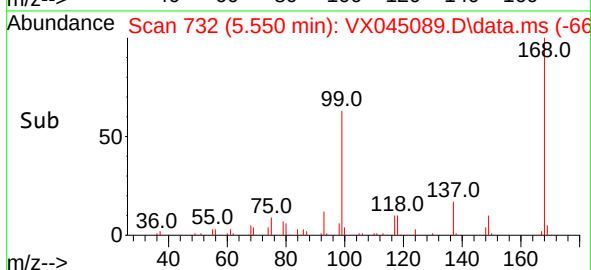
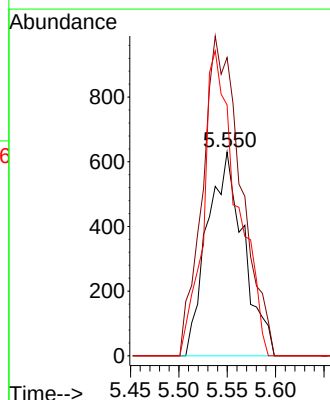
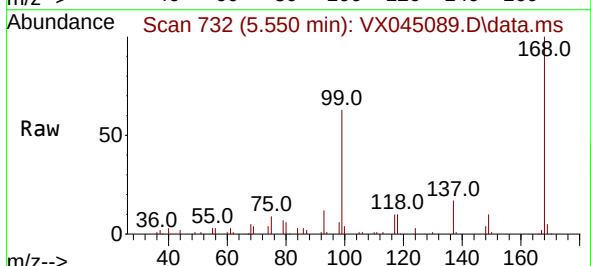
Instrument : MSVOA_X
ClientSampleId :
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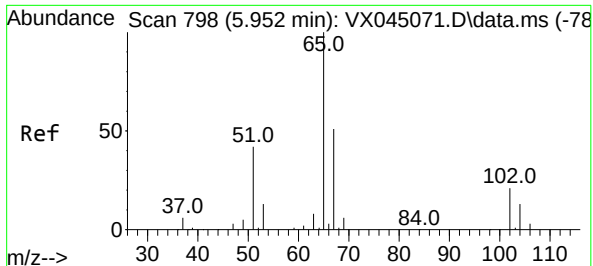
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Tgt Ion: 56 Resp: 1655
Ion Ratio Lower Upper
56 100
69 146.3 23.4 35.2#
84 123.2 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.113 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045089.D

Acq: 28 Feb 2025 15:20

Instrument :

MSVOA_X

ClientSampleId :

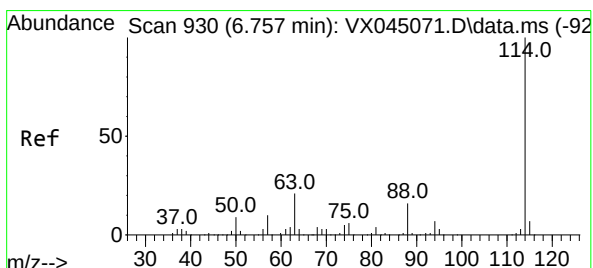
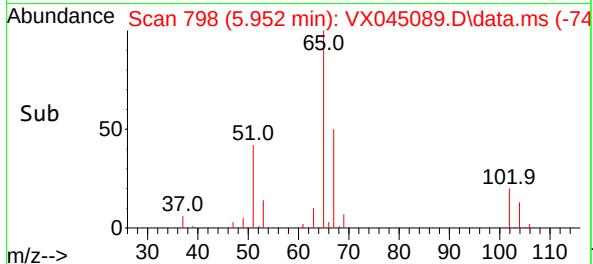
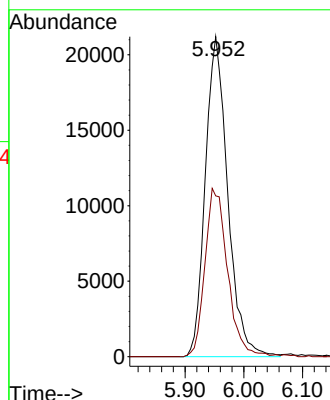
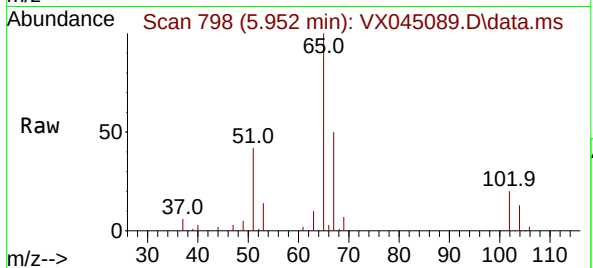
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 56248

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045089.D

Acq: 28 Feb 2025 15:20

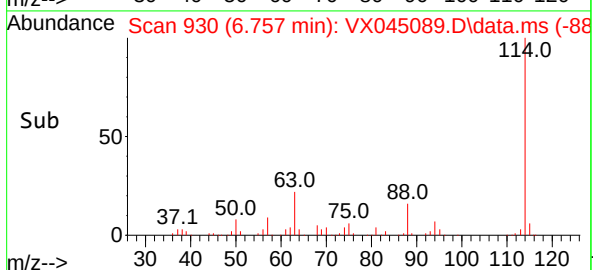
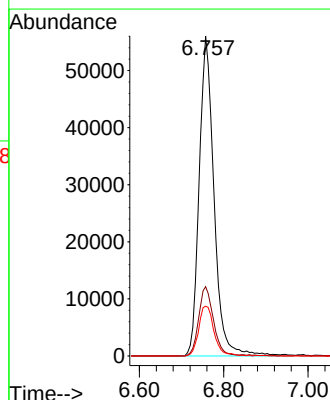
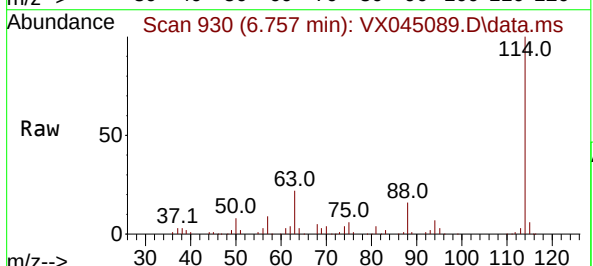
Tgt Ion: 114 Resp: 137205

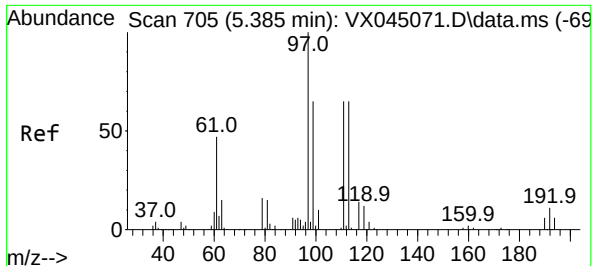
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.6 0.0 32.8

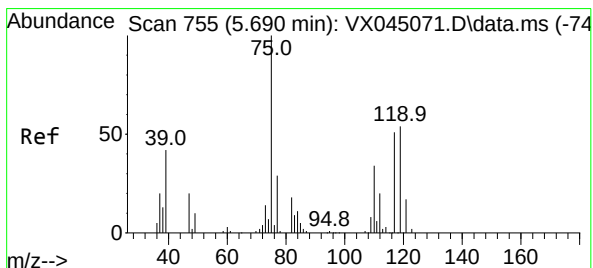
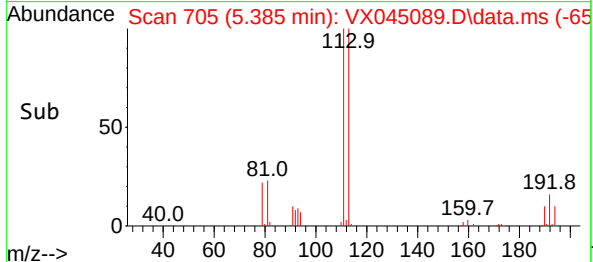
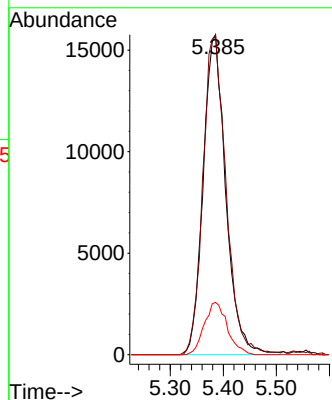
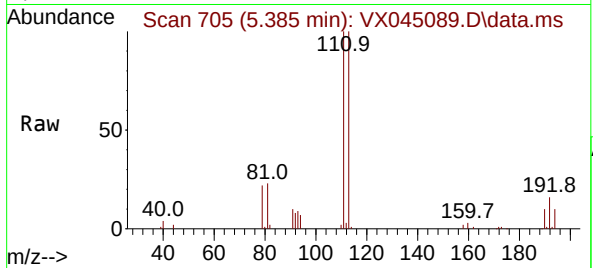




#35
Dibromofluoromethane
Concen: 50.794 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

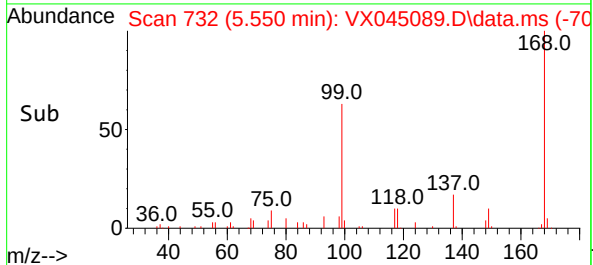
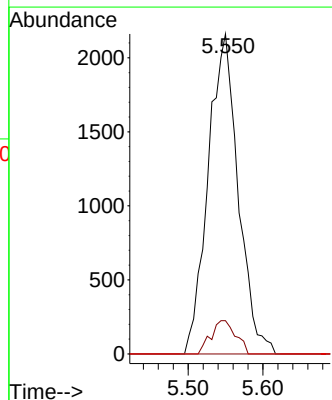
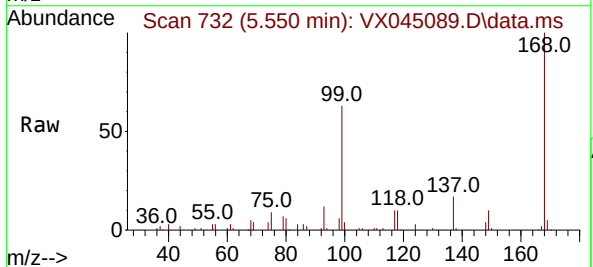
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

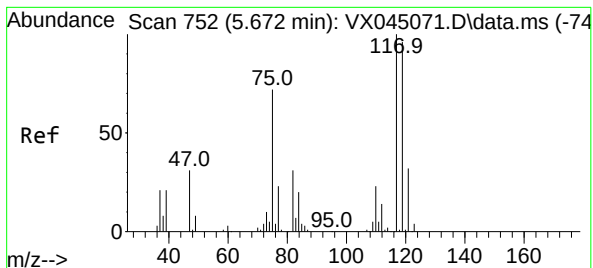
Tgt Ion:113 Resp: 46601
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 16.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Tgt Ion: 75 Resp: 6054
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.6#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.828 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX045089.D

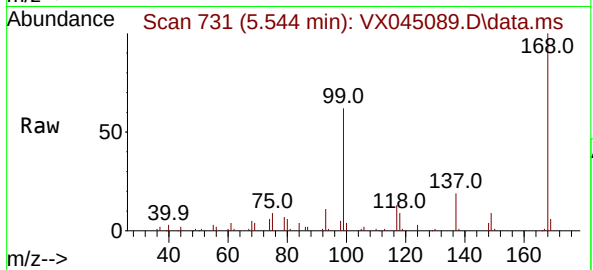
Acq: 28 Feb 2025 15:20

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



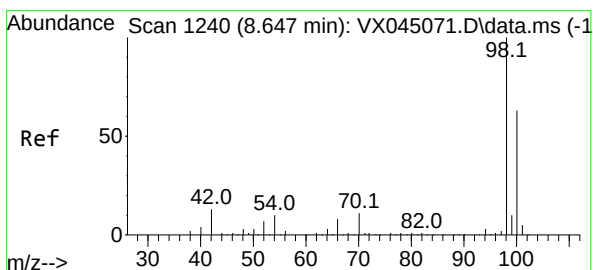
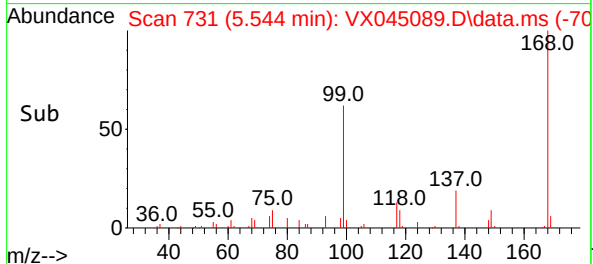
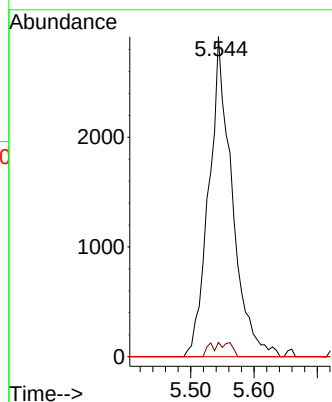
Tgt Ion:117 Resp: 7445

Ion Ratio Lower Upper

117 100

119 4.5 76.7 115.1#

121 0.0 25.5 38.3#



#50

Toluene-d8

Concen: 51.047 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045089.D

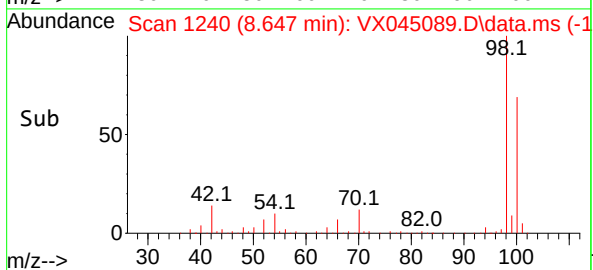
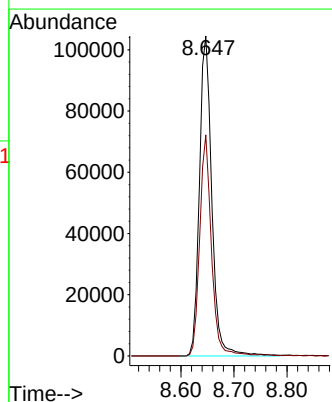
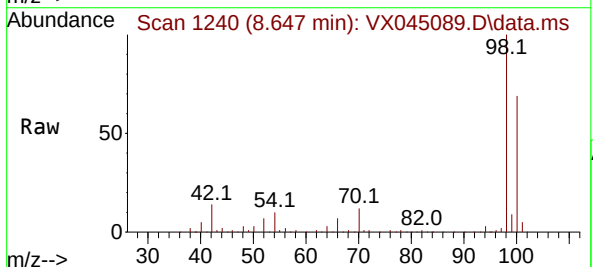
Acq: 28 Feb 2025 15:20

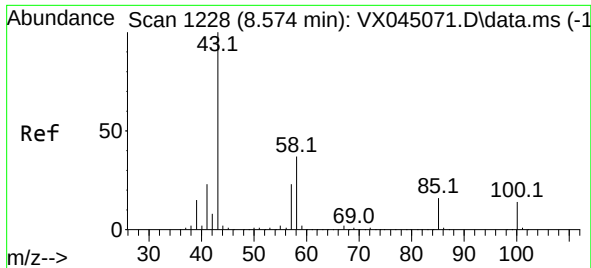
Tgt Ion: 98 Resp: 169788

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

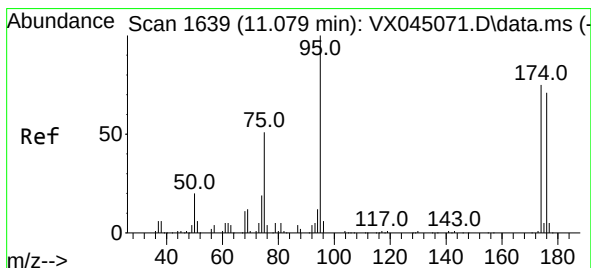
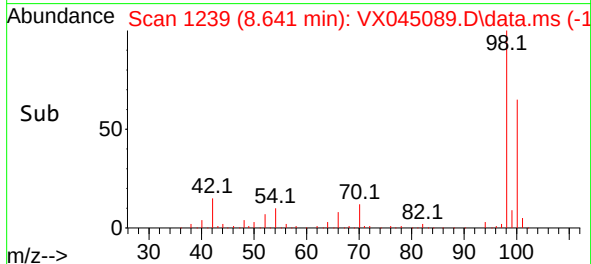
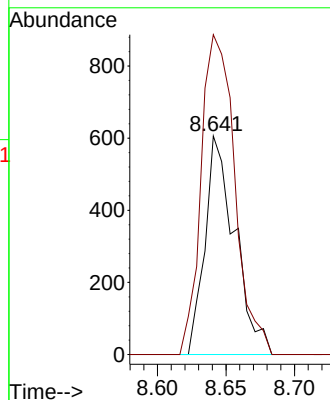
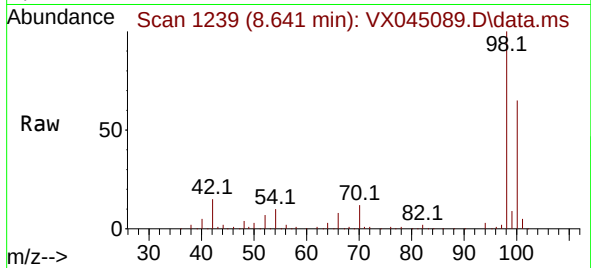




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

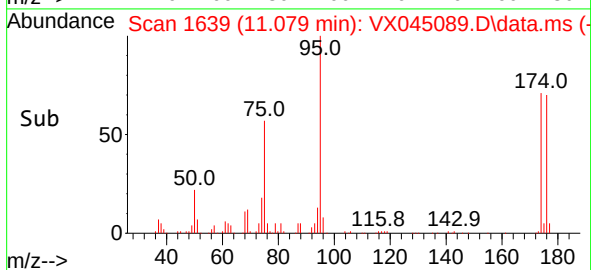
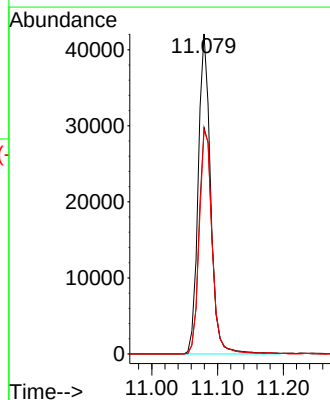
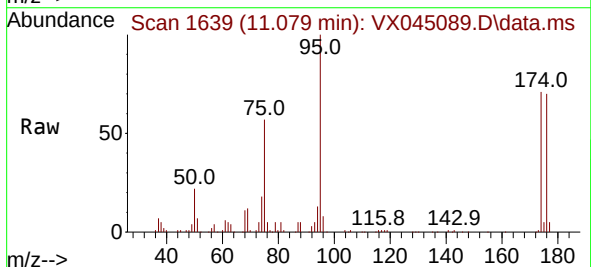
Instrument : MSVOA_X
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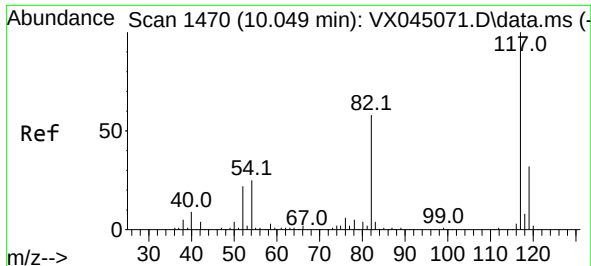
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 164.7 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 49.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Tgt Ion: 95 Resp: 54990
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.2
176 72.6 0.0 141.4

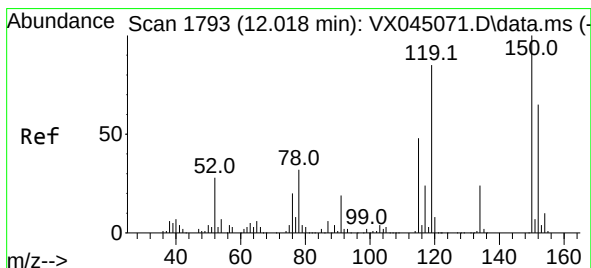
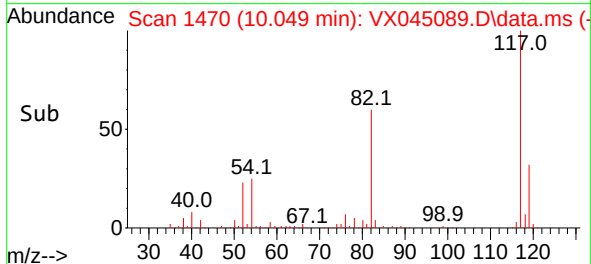
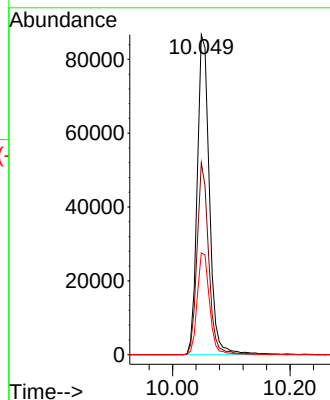
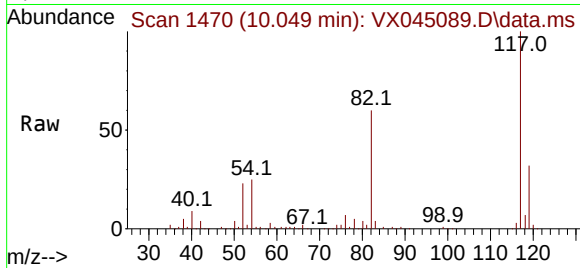




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

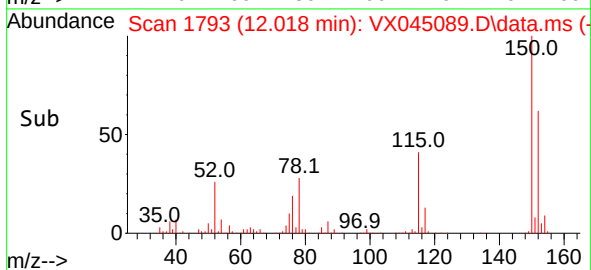
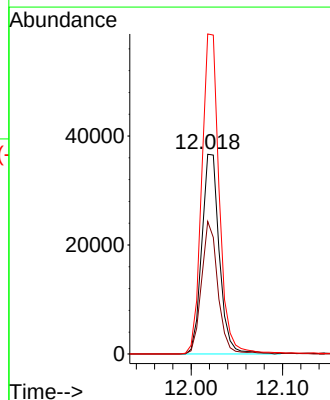
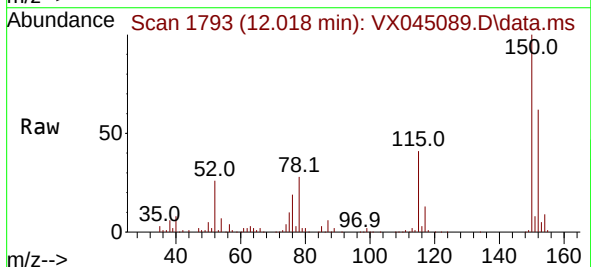
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

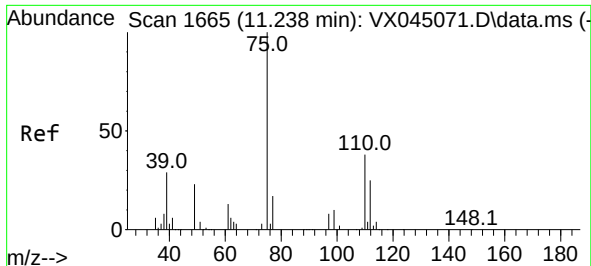
Tgt Ion:117 Resp: 124967
Ion Ratio Lower Upper
117 100
82 60.0 46.3 69.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Tgt Ion:152 Resp: 48776
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 160.3 0.0 349.0

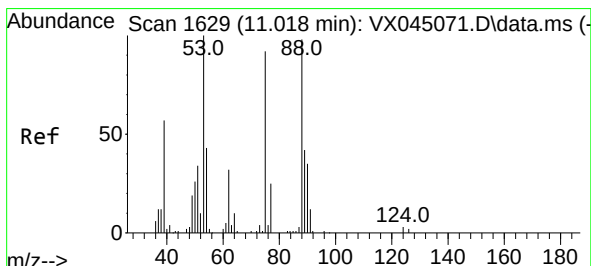
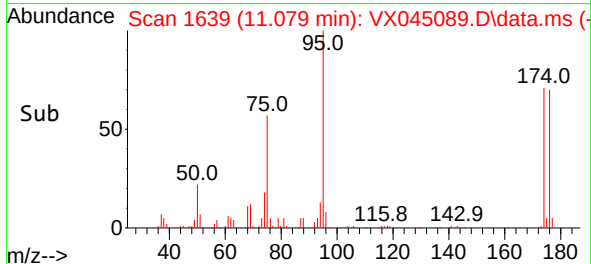
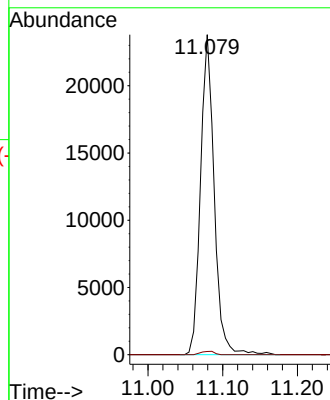
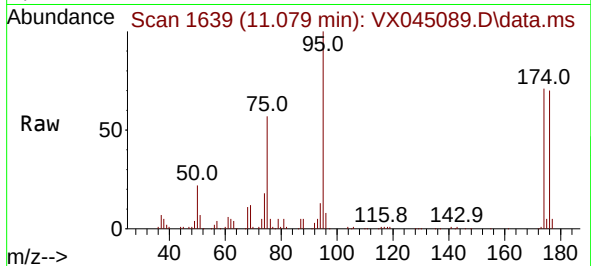




#76
1,2,3-Trichloropropane
Concen: 26.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 30189
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045089.D
Acq: 28 Feb 2025 15:20

Tgt Ion: 75 Resp: 30189
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

