

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035639.D
 Acq On : 12 May 2023 15:41
 Operator : JC/MD
 Sample : 02777-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 15 01:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

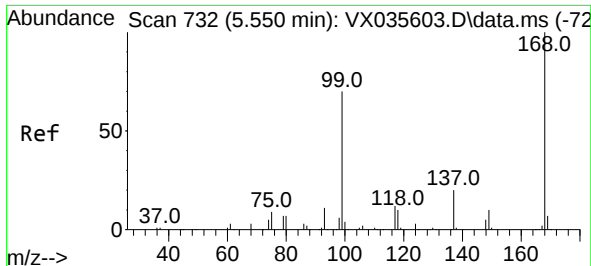
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	198165	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	364619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164141	47.480	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.960%
35) Dibromofluoromethane	5.385	113	116186	47.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	431420	47.492	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.980%
62) 4-Bromofluorobenzene	11.079	95	179824	49.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	658	0.210	ug/l	93
16) Acetone	2.392	43	1774	1.194	ug/l	92
31) Cyclohexane	5.550	56	5370	1.229	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	19043	4.906	ug/l #	51
38) Carbon Tetrachloride	5.544	117	23411	6.367	ug/l #	17
49) 1,4-Dioxane	7.720	88	309	5.998	ug/l #	70
51) 4-Methyl-2-Pentanone	8.647	43	2275	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	99661	27.074	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99661	87.256	ug/l #	8

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

Quant Time: May 15 01:57:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

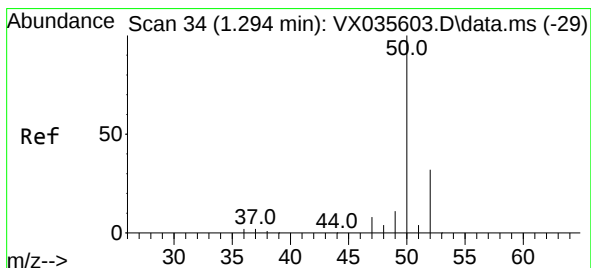
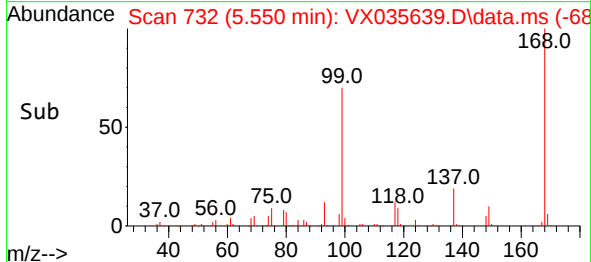
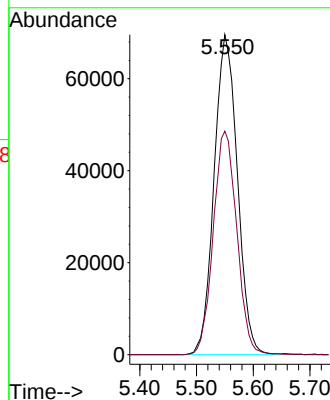
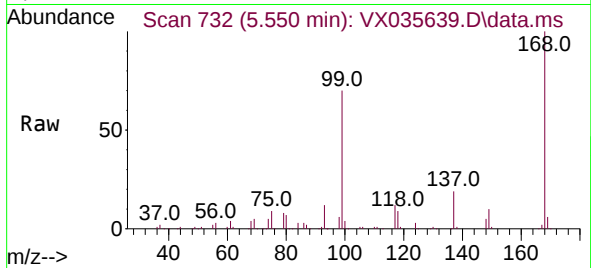




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

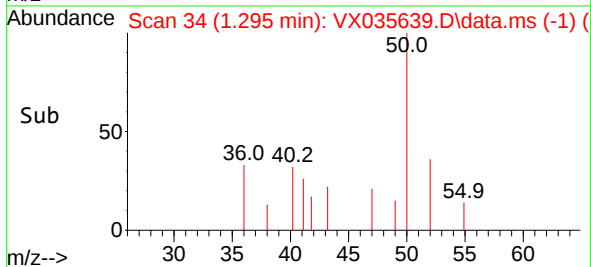
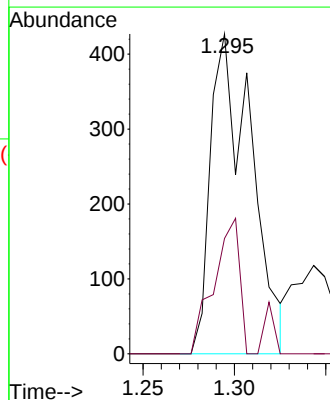
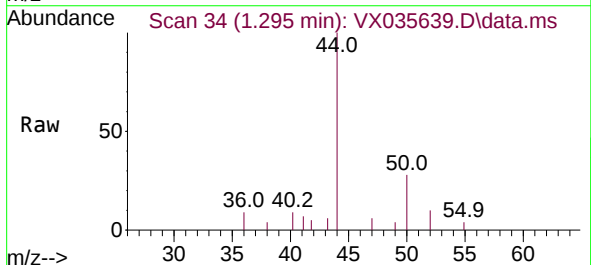
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

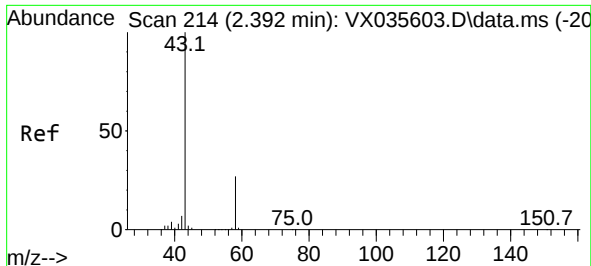
Tgt Ion:168 Resp: 198165
Ion Ratio Lower Upper
168 100
99 69.9 45.7 68.5#



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 36.1 25.9 38.9

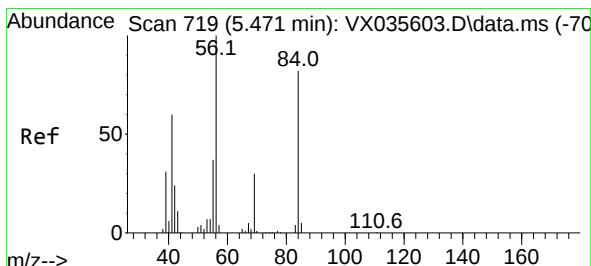
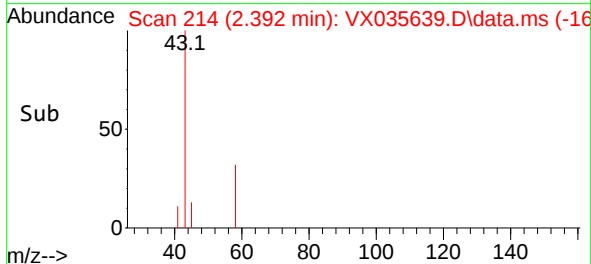
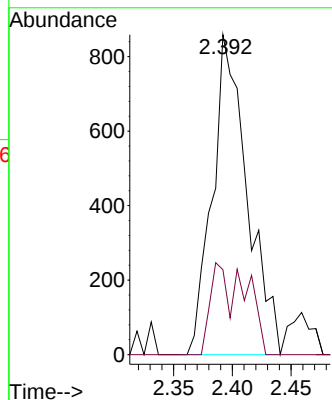
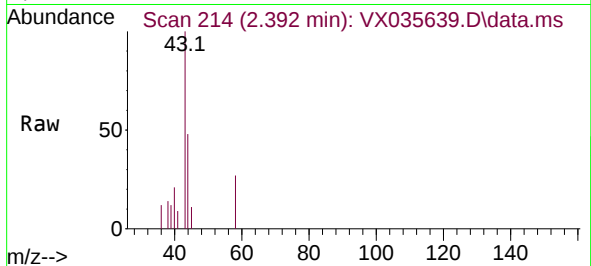




#16
Acetone
Concen: 1.194 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

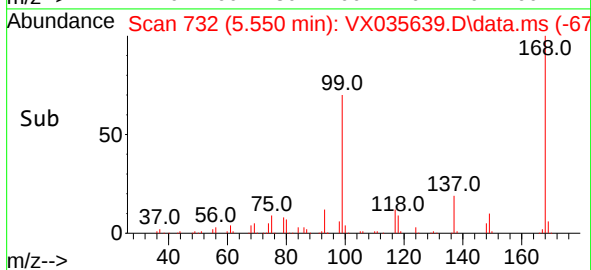
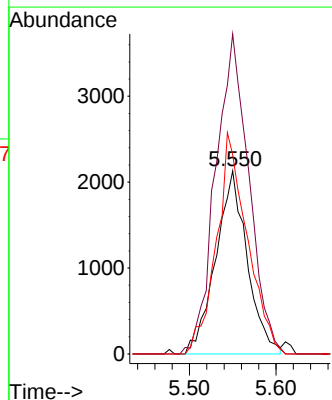
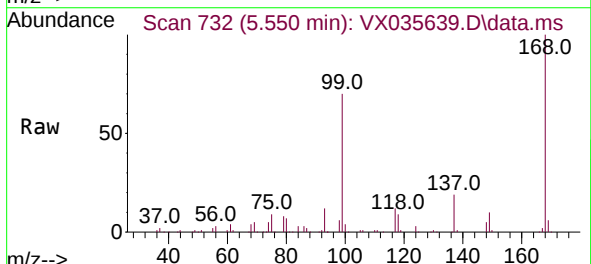
Instrument :
MSVOA_X
ClientSampleId :
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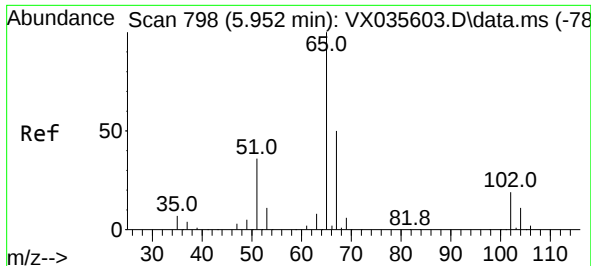
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

Tgt Ion: 56 Resp: 5370
Ion Ratio Lower Upper
56 100
69 174.8 23.7 35.5#
84 108.8 68.5 102.7#

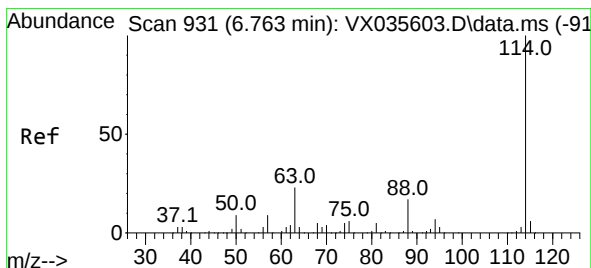
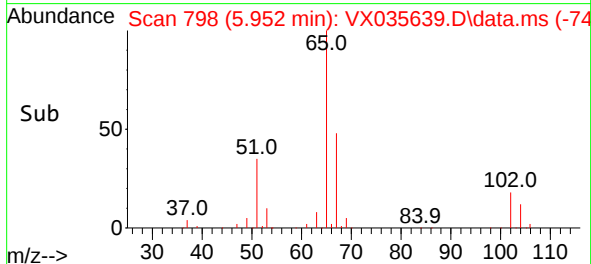
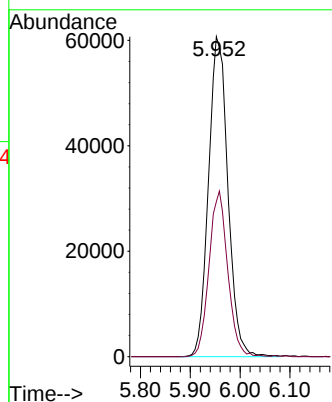
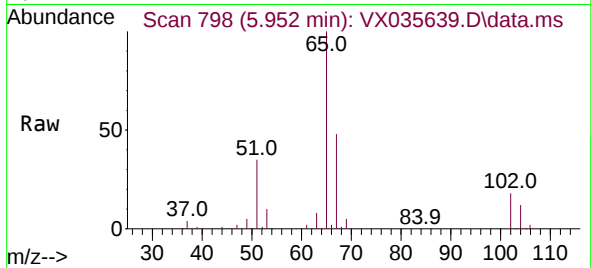




#33
 1,2-Dichloroethane-d4
 Concen: 47.480 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035639.D
 Acq: 12 May 2023 15:41

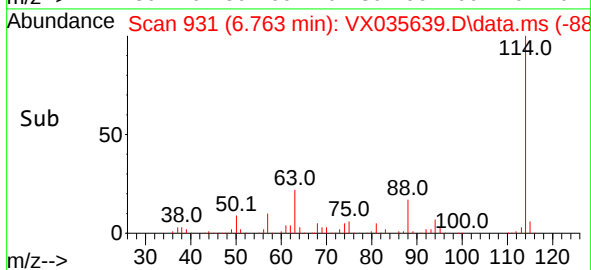
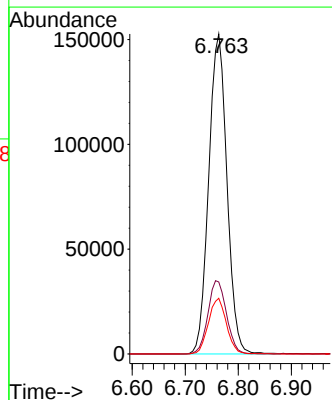
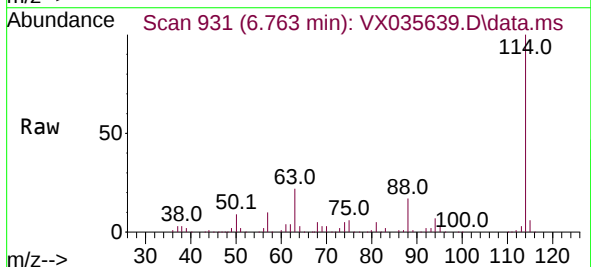
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

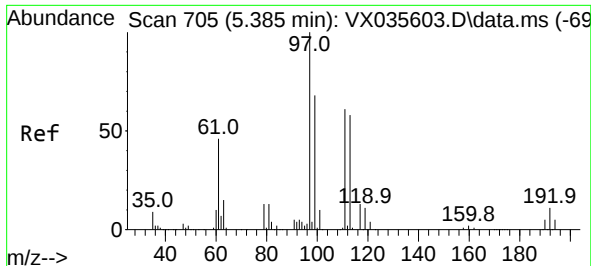
Tgt Ion: 65 Resp: 164141
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035639.D
 Acq: 12 May 2023 15:41

Tgt Ion: 114 Resp: 364619
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 42.2
 88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.250 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035639.D

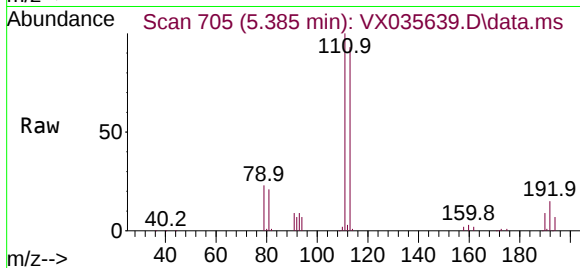
Acq: 12 May 2023 15:41

Instrument :

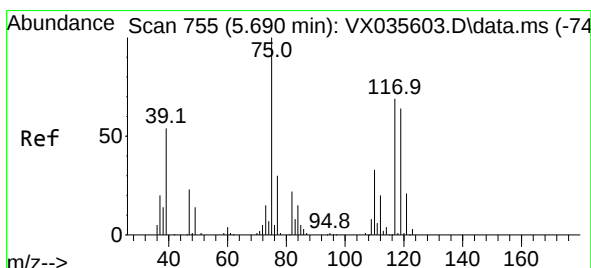
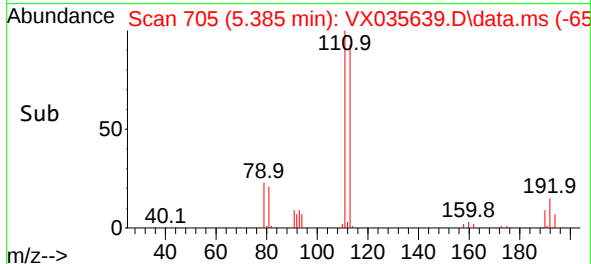
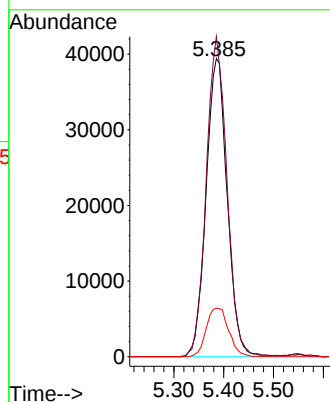
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	113	Resp:	116186
Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.7	125.5
192	17.2	15.4	23.2



#36

1,1-Dichloropropene

Concen: 4.906 ug/l

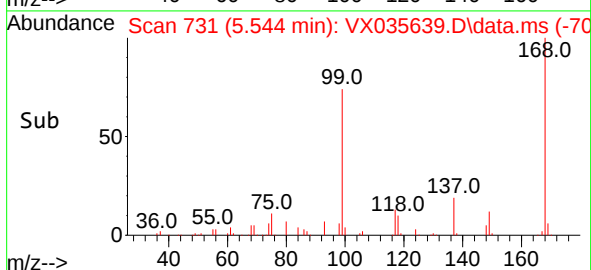
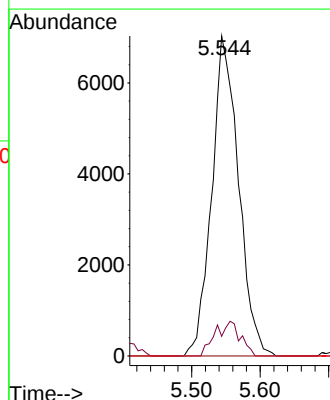
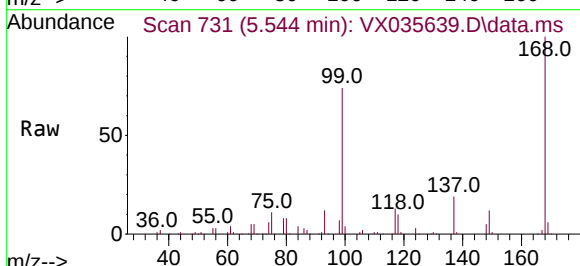
RT: 5.544 min Scan# 731

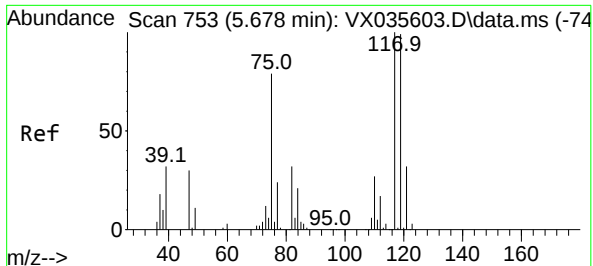
Delta R.T. -0.146 min

Lab File: VX035639.D

Acq: 12 May 2023 15:41

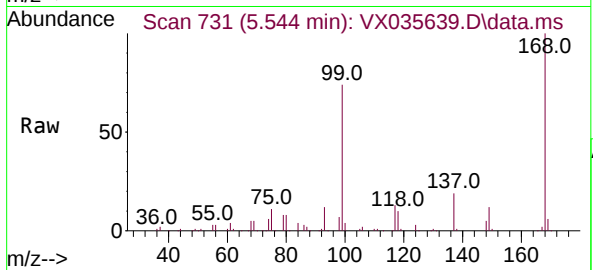
Tgt Ion:	75	Resp:	19043
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.5	52.5#
77	0.0	24.3	36.5#



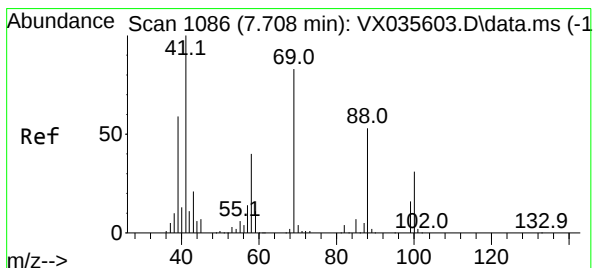
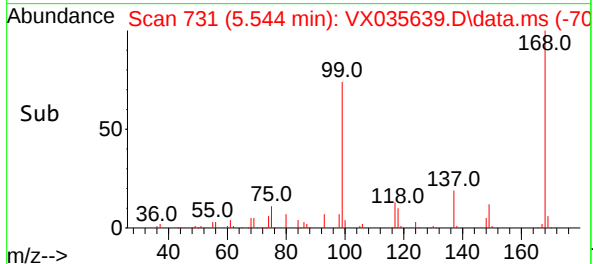
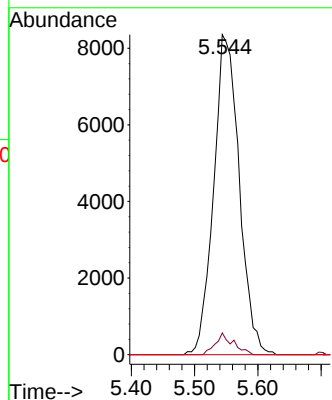


#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

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

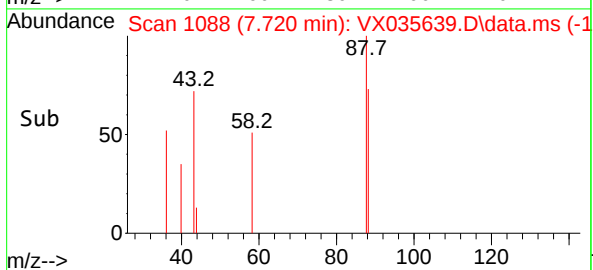
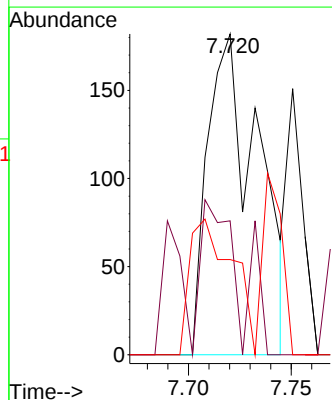
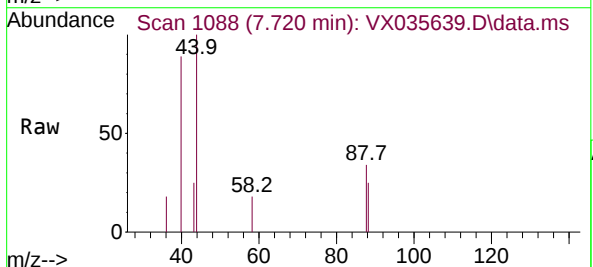


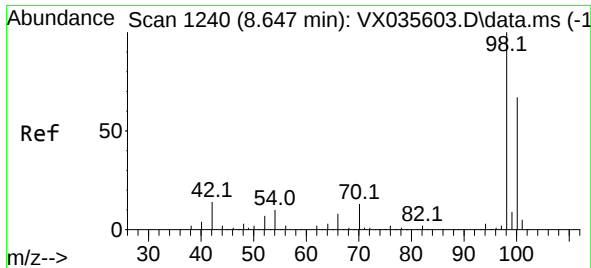
Tgt Ion:117 Resp: 23411
Ion Ratio Lower Upper
117 100
119 6.8 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 5.998 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 37.2 27.7 41.5
58 36.2 56.8 85.2#

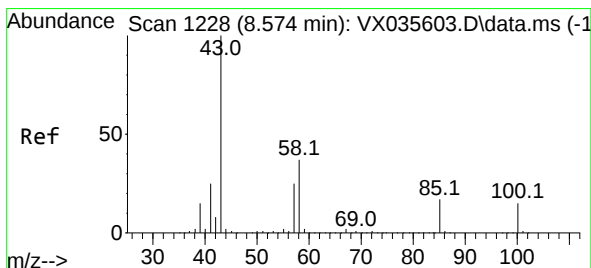
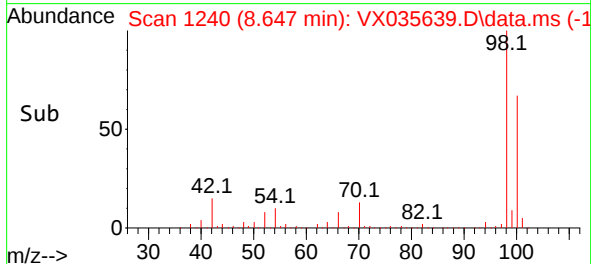
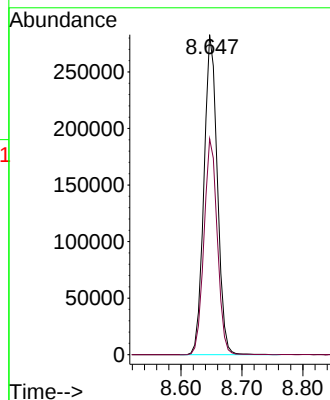
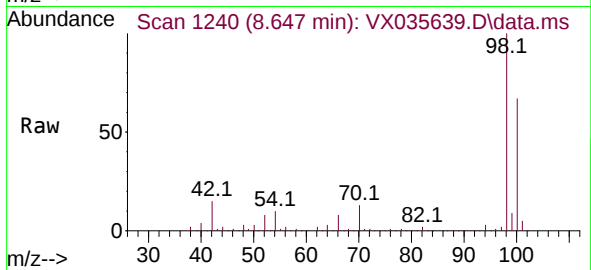




#50
Toluene-d8
Concen: 47.492 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

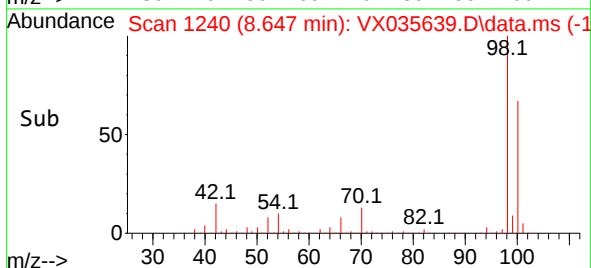
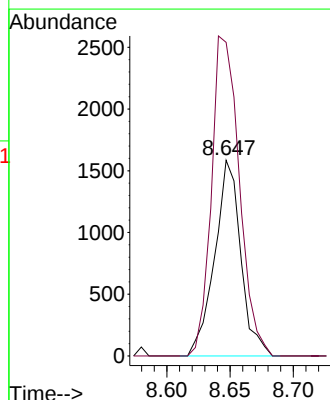
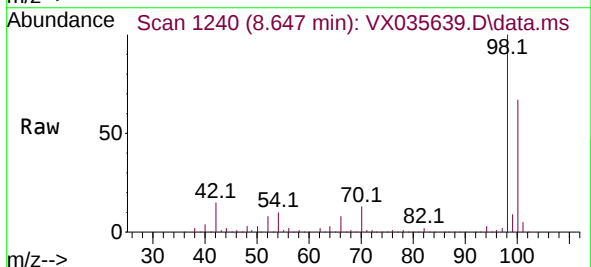
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

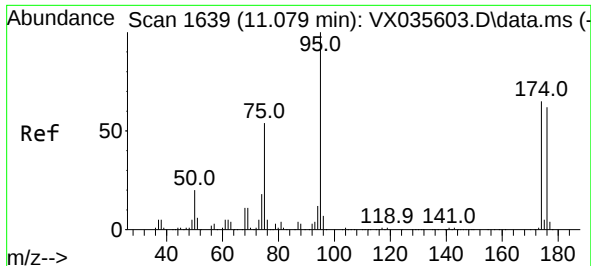
Tgt Ion: 98 Resp: 431420
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
58 174.3 30.6 46.0#

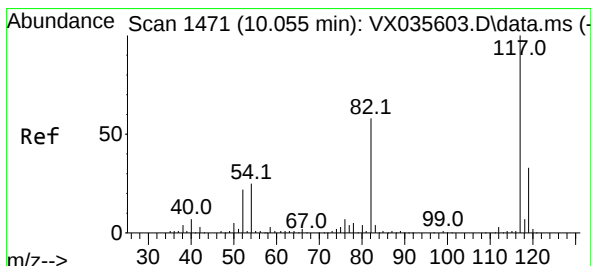
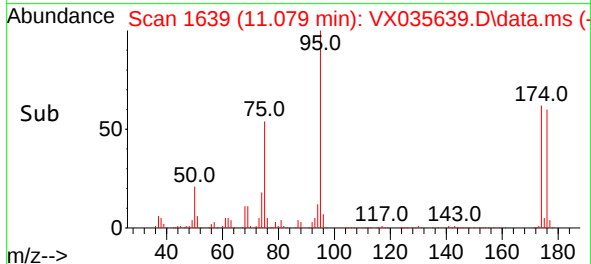
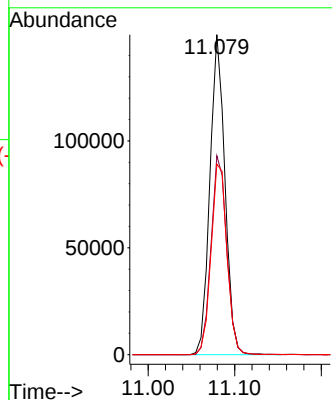
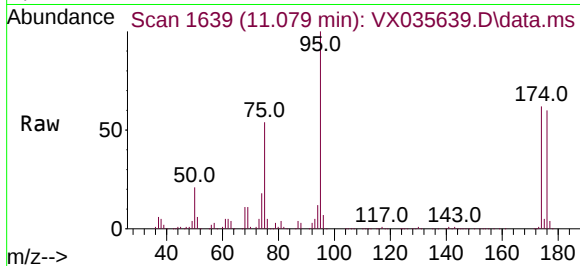




#62
4-Bromofluorobenzene
Concen: 49.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

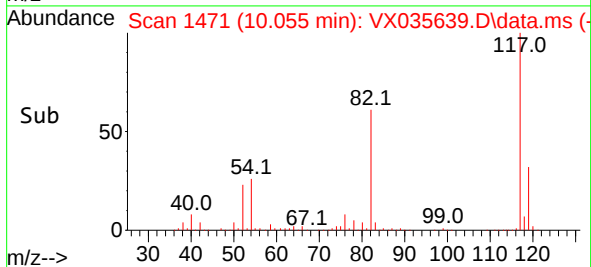
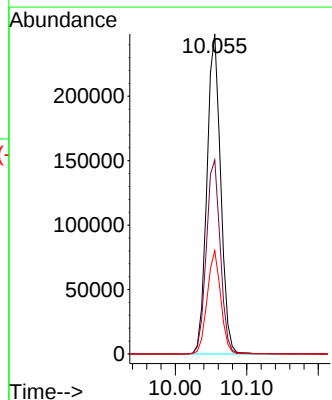
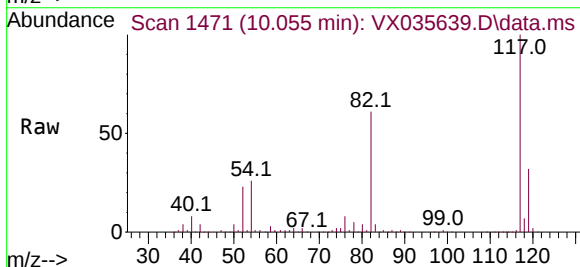
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

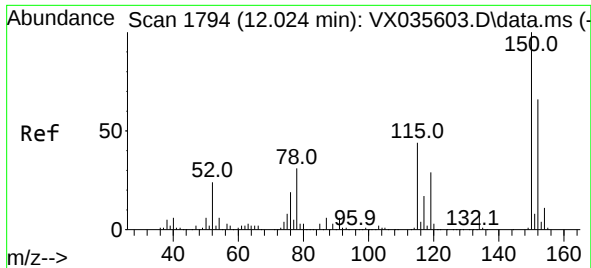
Tgt Ion: 95 Resp: 179824
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 63.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

Tgt Ion: 117 Resp: 331591
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 32.3 26.0 39.0

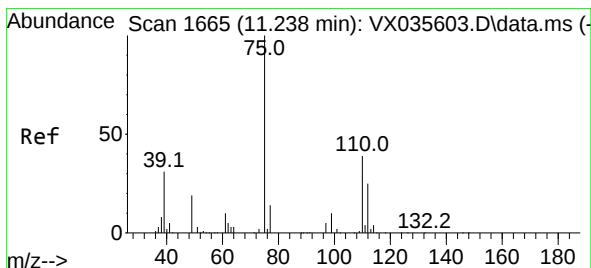
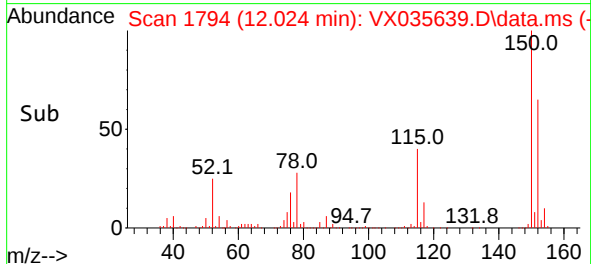
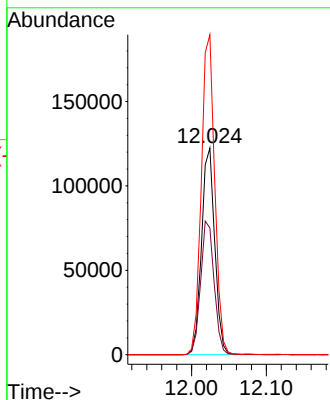
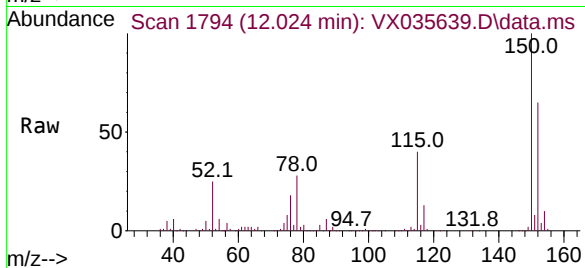




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

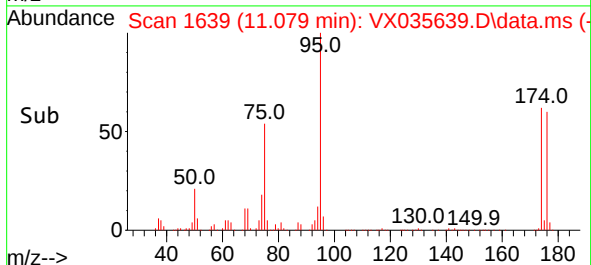
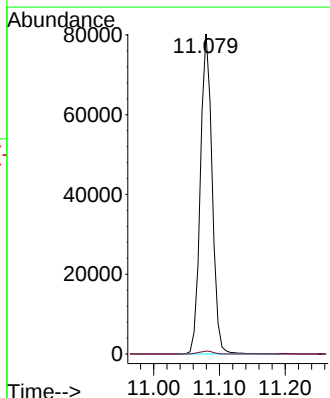
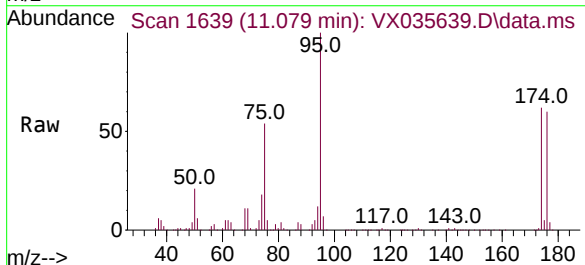
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

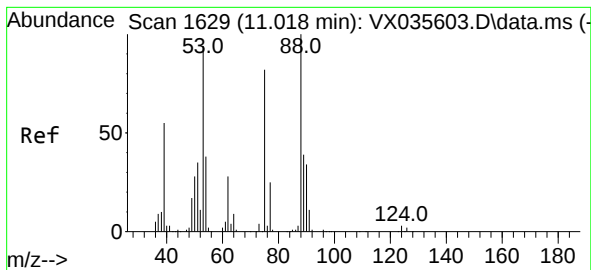
Tgt Ion:152 Resp: 150490
Ion Ratio Lower Upper
152 100
115 66.1 45.0 135.0
150 156.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.074 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035639.D
Acq: 12 May 2023 15:41

Tgt Ion: 75 Resp: 99661
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.256 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035639.D
 Acq: 12 May 2023 15:41

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

Tgt Ion: 75 Resp: 99661
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

