

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035940.D
 Acq On : 31 May 2023 16:45
 Operator : JC/MD
 Sample : 02970-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 01 05:16:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

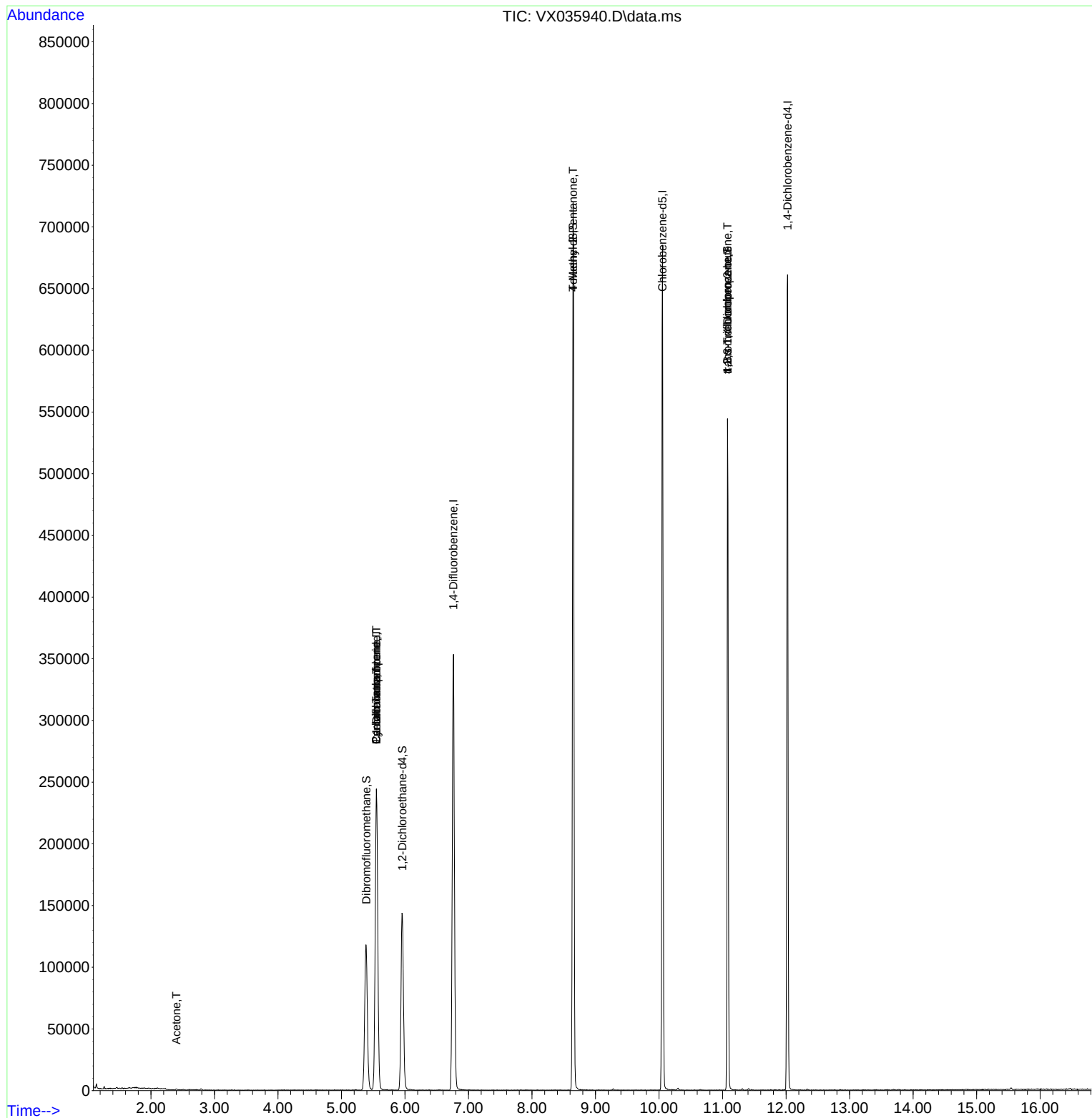
Internal Standards						
1) Pentafluorobenzene	5.550	168	217292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144371	40.916	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.840%
35) Dibromofluoromethane	5.391	113	105149	44.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.400%
50) Toluene-d8	8.647	98	405589	48.039	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.080%
62) 4-Bromofluorobenzene	11.079	95	149566	44.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1091	0.749	ug/l #	86
31) Cyclohexane	5.550	56	5164	1.398	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18189	5.799	ug/l #	52
38) Carbon Tetrachloride	5.550	117	24218	7.923	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1983	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77206	25.423	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	77206	85.634	ug/l #	3

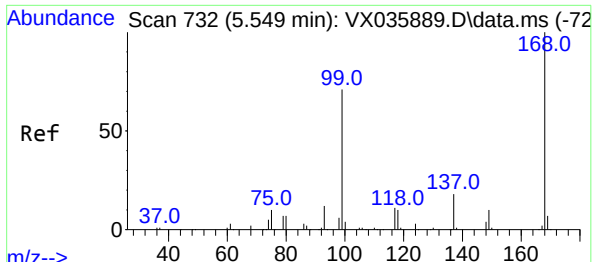
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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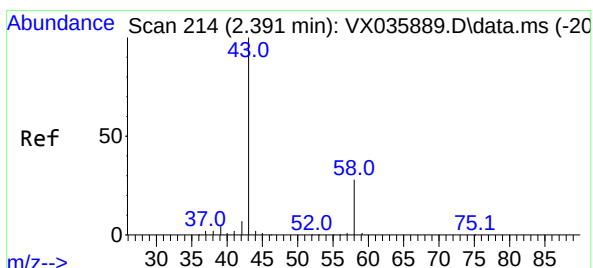
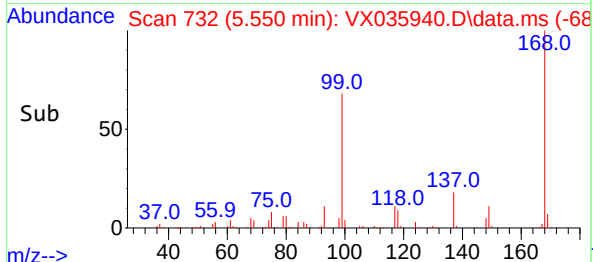
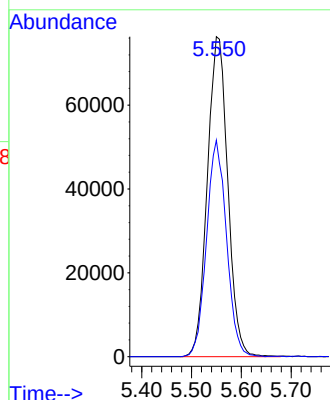
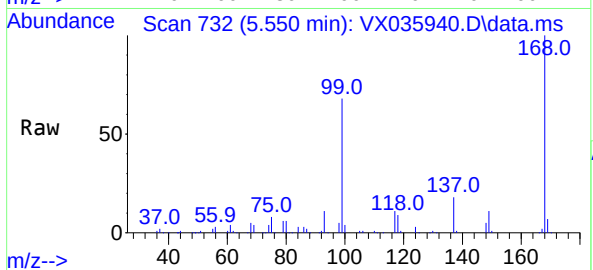




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

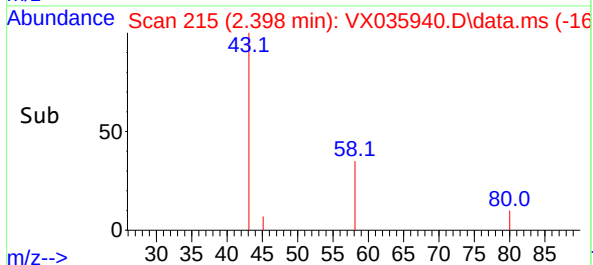
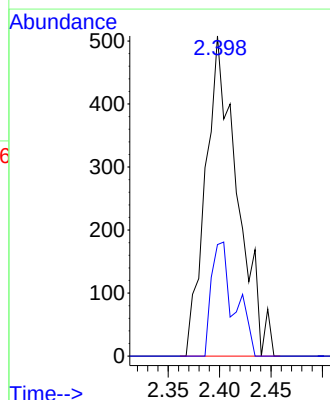
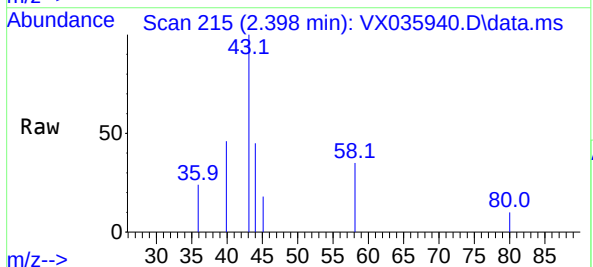
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

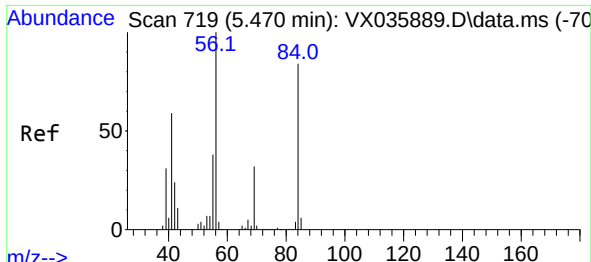
Tgt Ion:168 Resp: 217292
Ion Ratio Lower Upper
168 100
99 67.7 57.0 85.6



#16
Acetone
Concen: 0.749 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

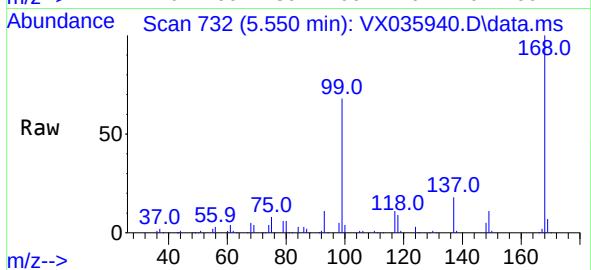
Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 34.8 22.2 33.2#



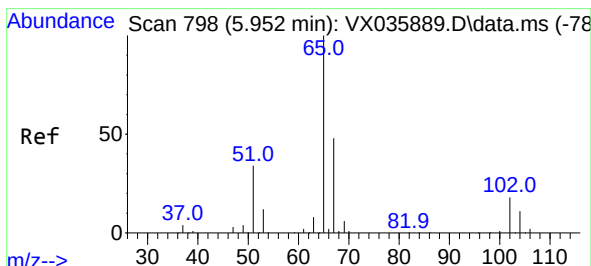
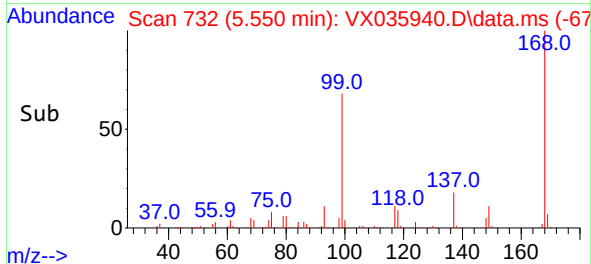
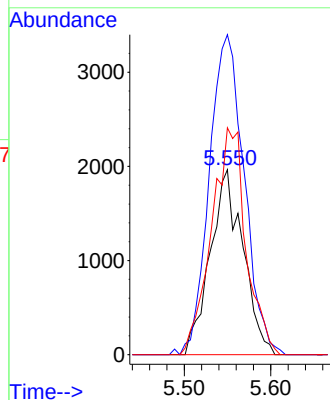


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

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

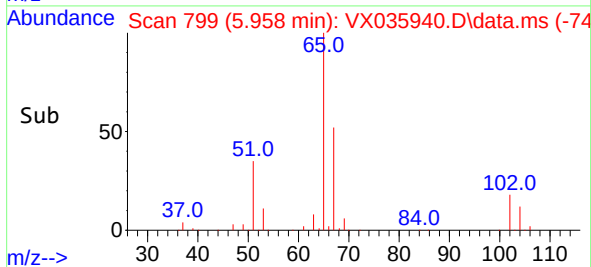
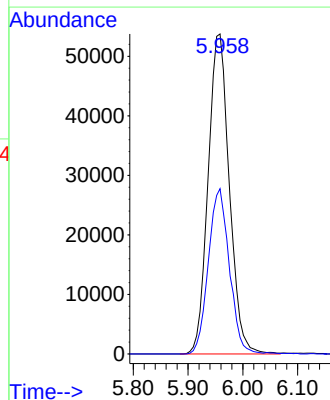
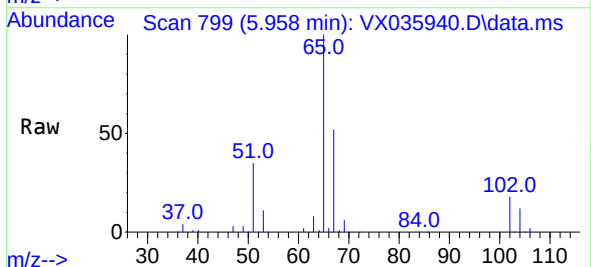


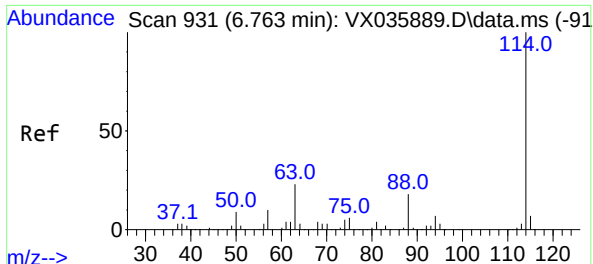
Tgt Ion: 56 Resp: 5164
Ion Ratio Lower Upper
56 100
69 173.1 25.9 38.9#
84 122.7 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 40.916 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

Tgt Ion: 65 Resp: 144371
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.6

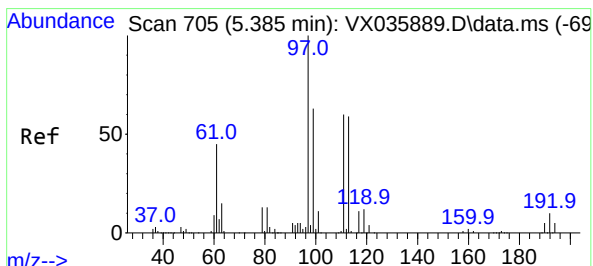
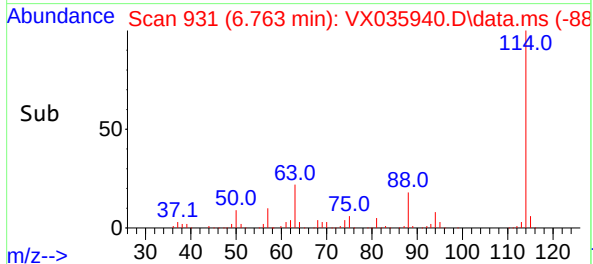
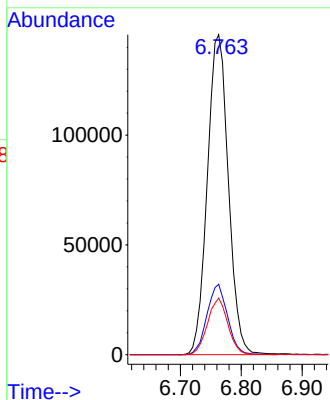
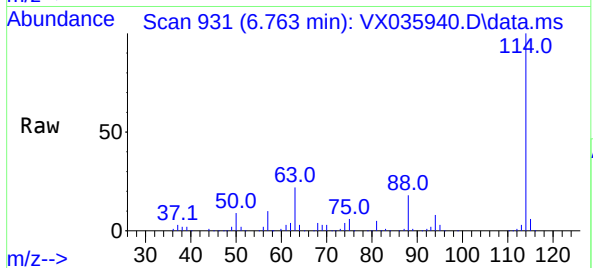




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

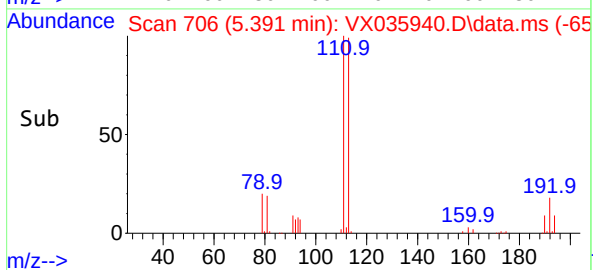
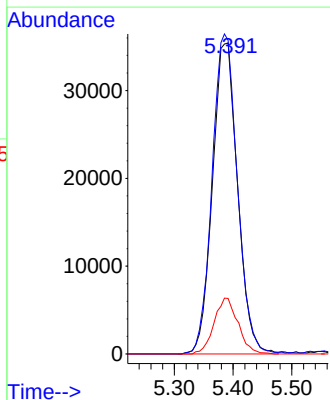
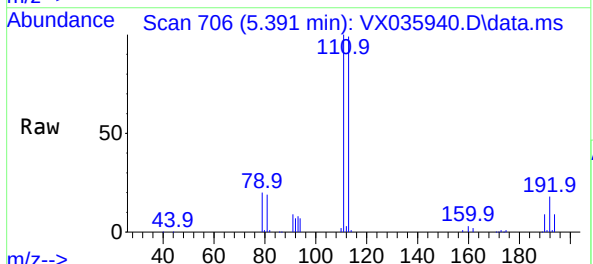
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

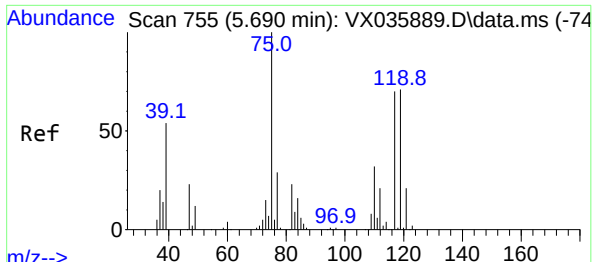
Tgt Ion:114 Resp: 349760
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.0
88 17.7 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.697 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

Tgt Ion:113 Resp: 105149
Ion Ratio Lower Upper
113 100
111 103.7 81.7 122.5
192 17.1 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.799 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX035940.D

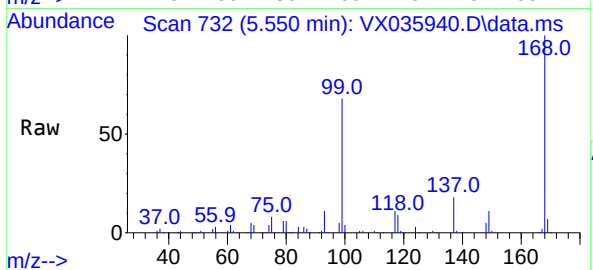
Acq: 31 May 2023 16:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



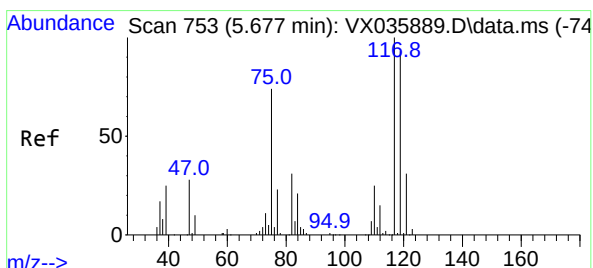
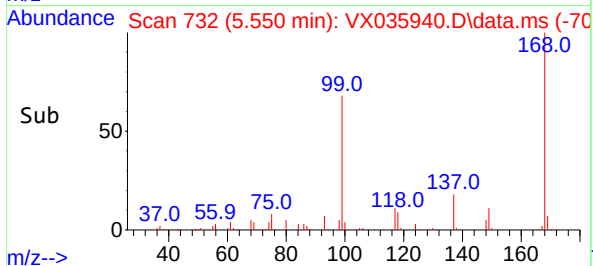
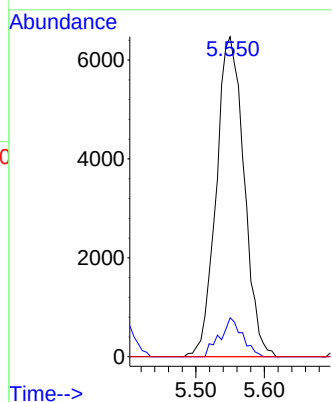
Tgt Ion: 75 Resp: 18189

Ion Ratio Lower Upper

75 100

110 9.8 16.6 49.7#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.923 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX035940.D

Acq: 31 May 2023 16:45

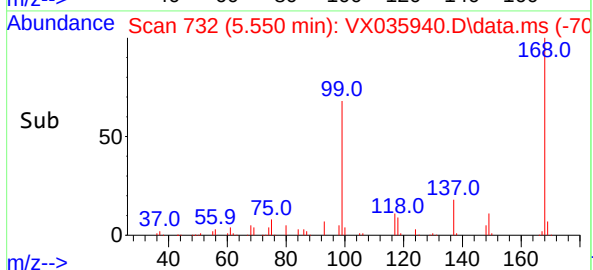
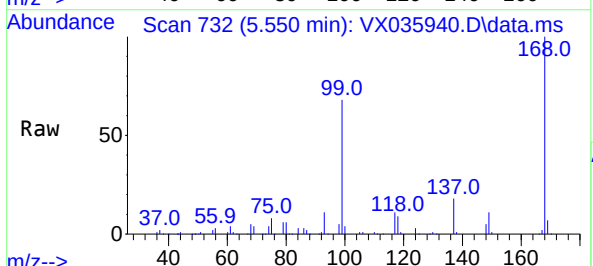
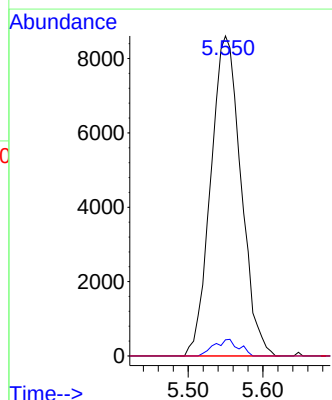
Tgt Ion: 117 Resp: 24218

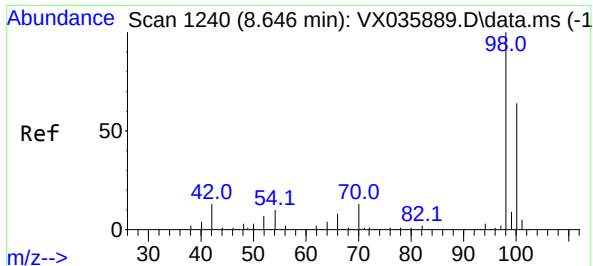
Ion Ratio Lower Upper

117 100

119 5.1 74.1 111.1#

121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 48.039 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035940.D

Acq: 31 May 2023 16:45

Instrument :

MSVOA_X

ClientSampleId :

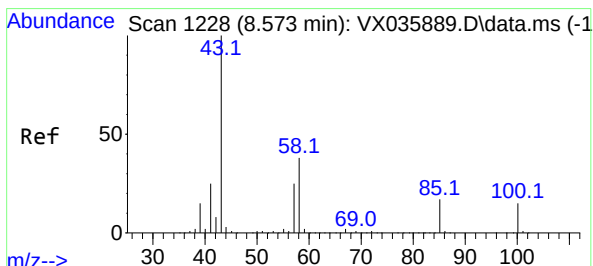
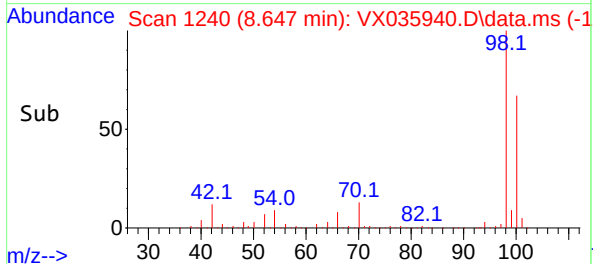
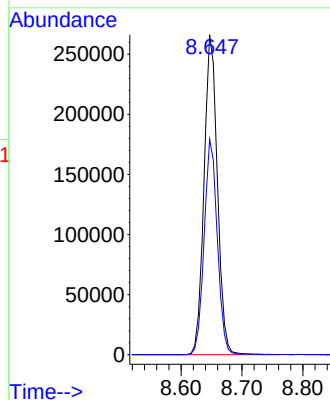
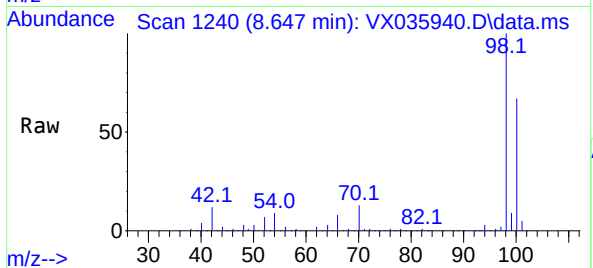
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 405589

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.566 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035940.D

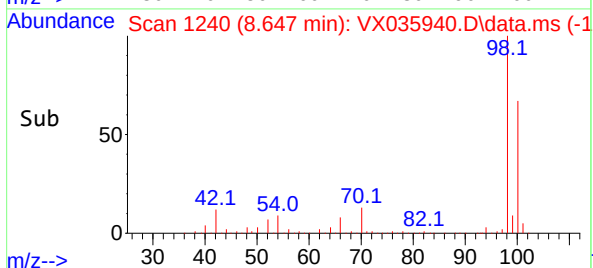
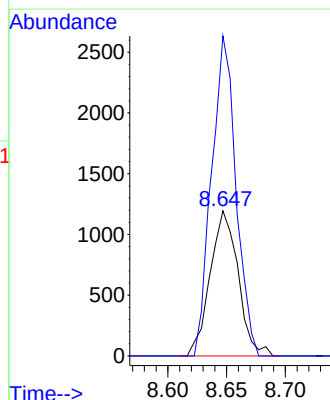
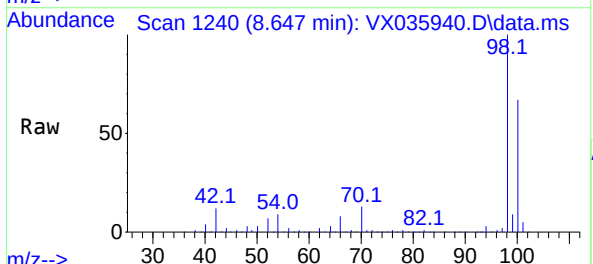
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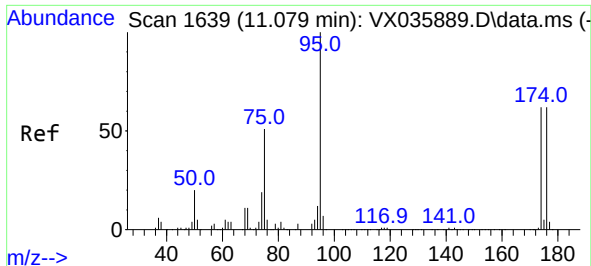
Tgt Ion: 43 Resp: 1983

Ion Ratio Lower Upper

43 100

58 192.1 30.1 45.1#

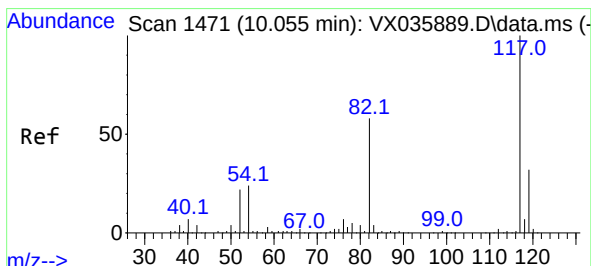
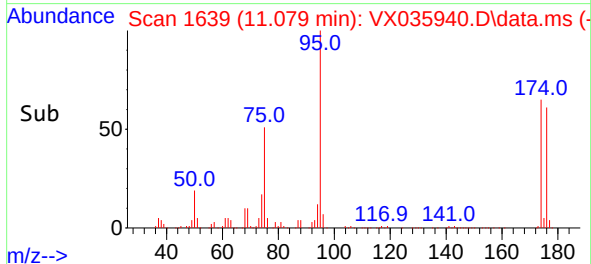
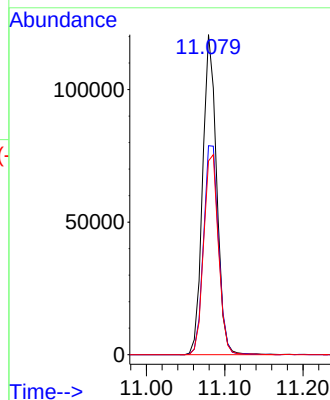
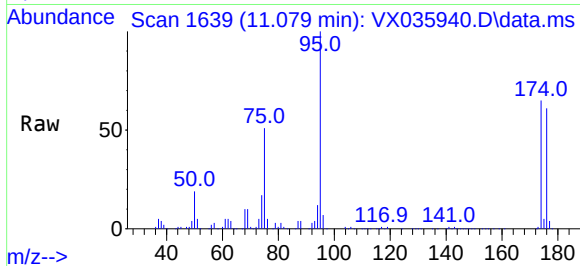




#62
4-Bromofluorobenzene
Concen: 44.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

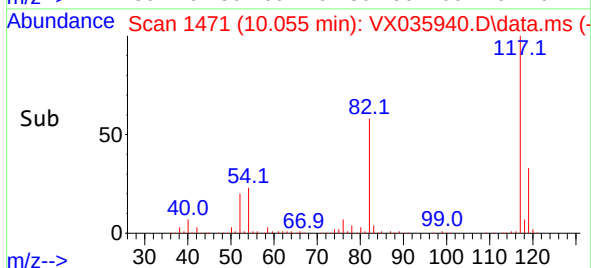
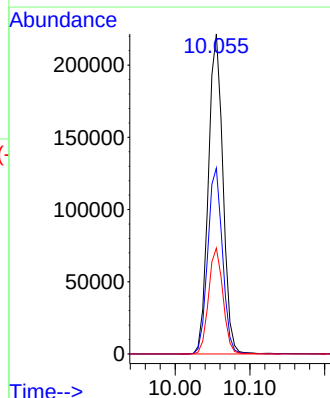
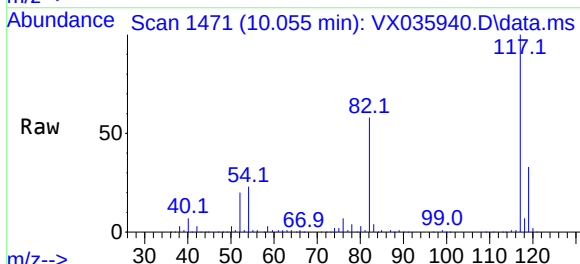
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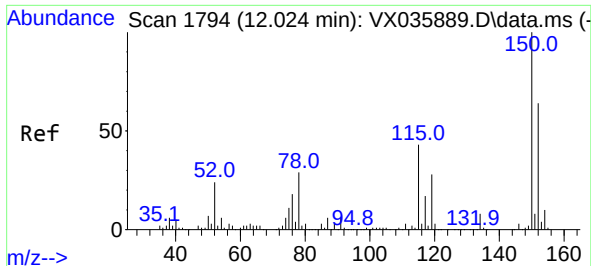
Tgt Ion: 95 Resp: 149566
Ion Ratio Lower Upper
95 100
174 69.8 0.0 132.6
176 66.1 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

Tgt Ion: 117 Resp: 300177
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 33.1 25.4 38.2

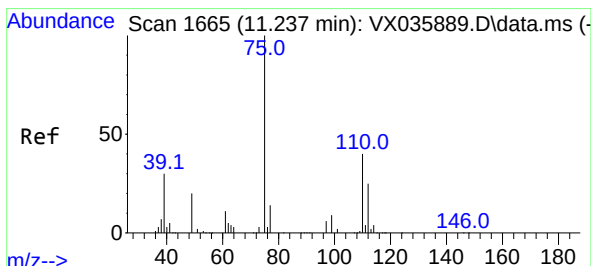
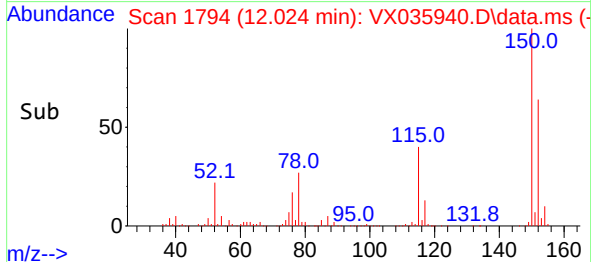
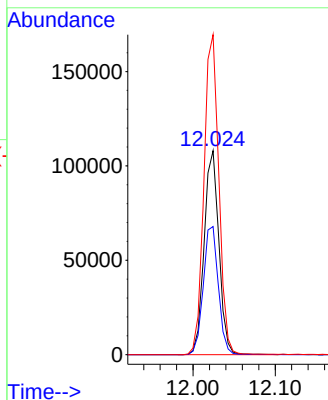
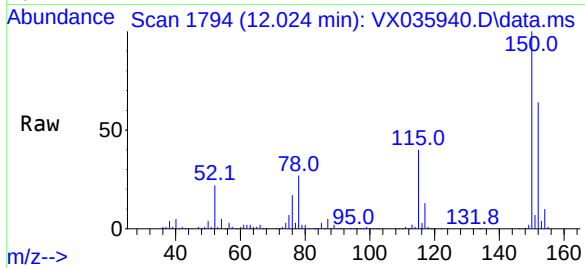




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

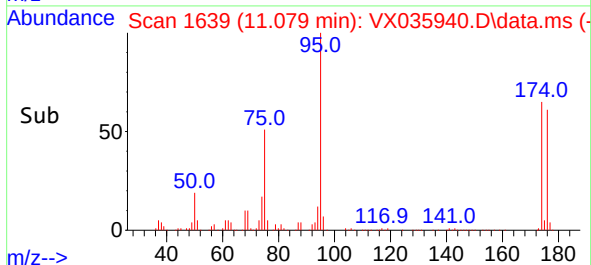
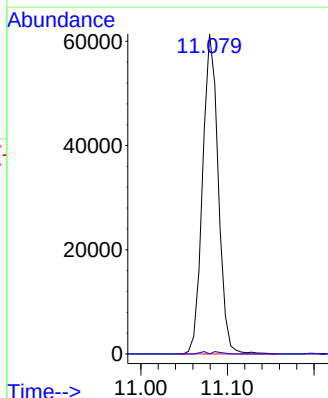
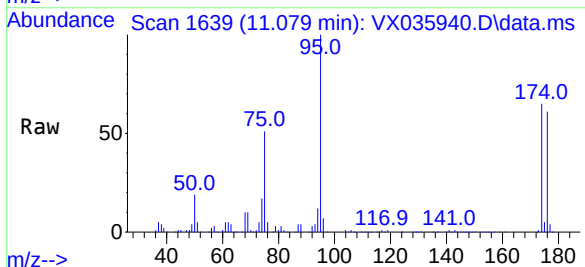
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

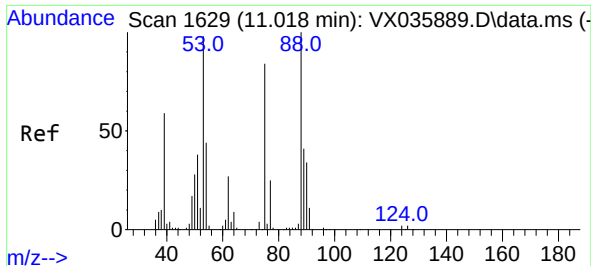
Tgt Ion:152 Resp: 134644
Ion Ratio Lower Upper
152 100
115 64.3 45.5 136.5
150 158.4 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 25.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

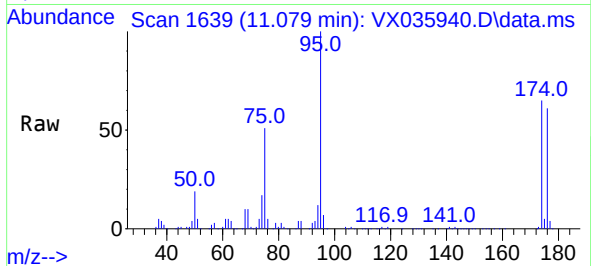
Tgt Ion: 75 Resp: 77206
Ion Ratio Lower Upper
75 100
77 0.4 21.4 64.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.634 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035940.D
Acq: 31 May 2023 16:45

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



Tgt Ion: 75 Resp: 77206
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

