

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035858.D
 Acq On : 25 May 2023 17:08
 Operator : JC/MD
 Sample : 02908-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 26 07:24:48 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)

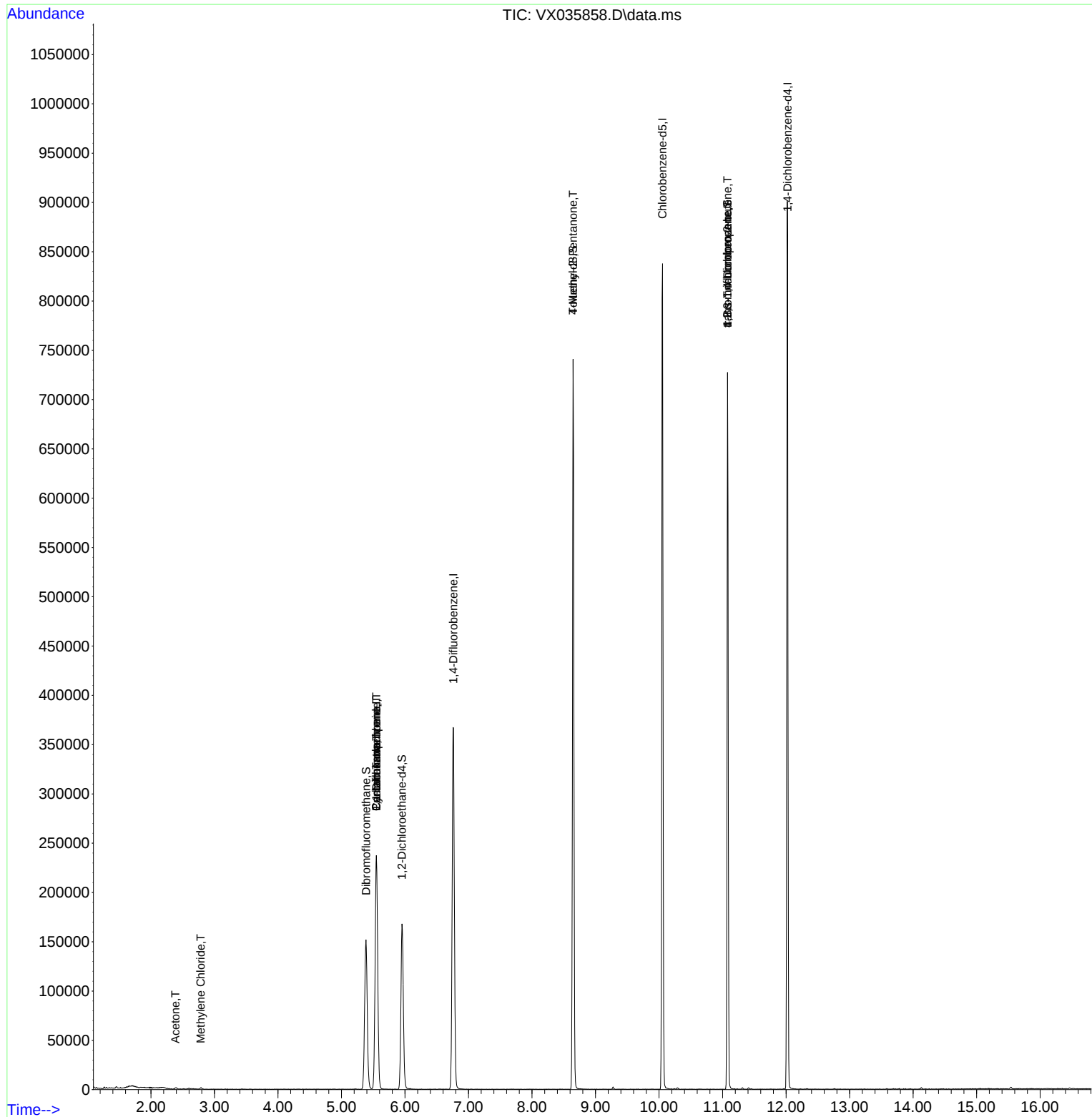
Internal Standards						
1) Pentafluorobenzene	5.550	168	207398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159691	44.136	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	88.280%	
35) Dibromofluoromethane	5.385	113	128854	51.860	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.720%	
50) Toluene-d8	8.647	98	408176	44.469	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	88.940%#	
62) 4-Bromofluorobenzene	11.079	95	190139	51.447	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1812	1.165	ug/l #	81
20) Methylene Chloride	2.782	84	791	0.281	ug/l #	72
31) Cyclohexane	5.550	56	5902	1.291	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	19241	4.906	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23662	6.369	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2231	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106456	26.031	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	106456	83.893	ug/l #	8

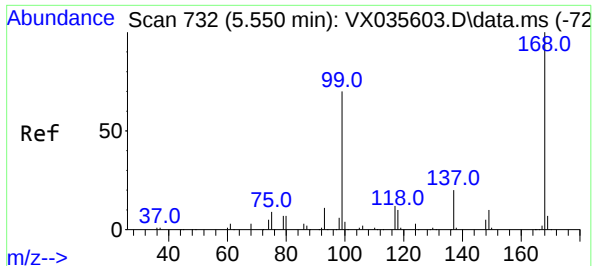
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: May 26 07:24:48 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

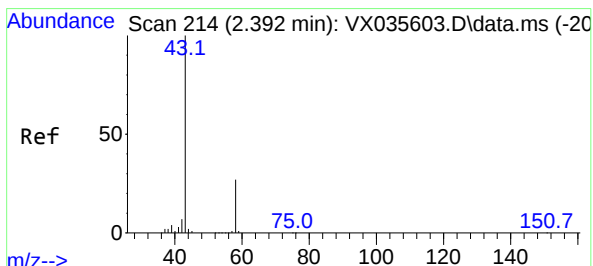
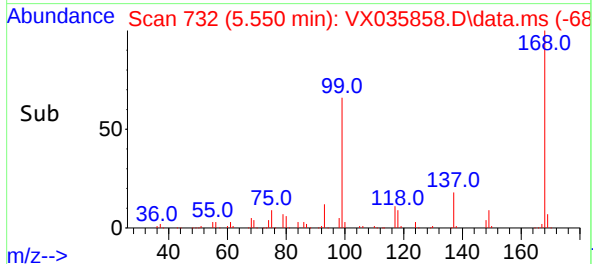
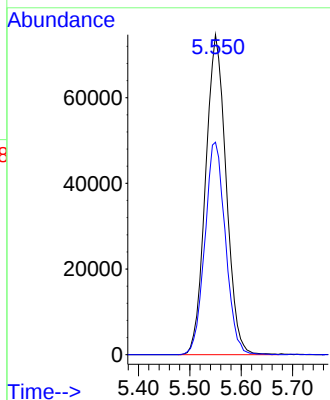
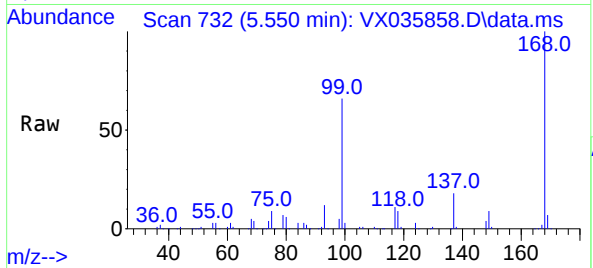




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

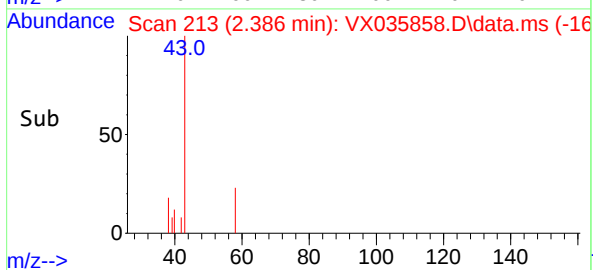
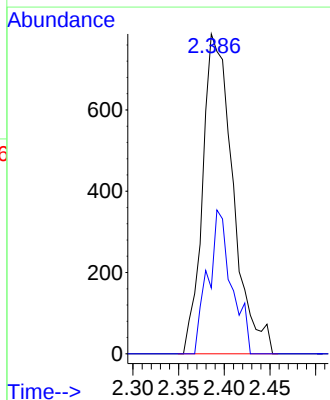
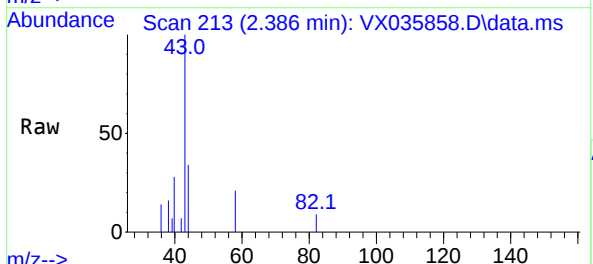
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

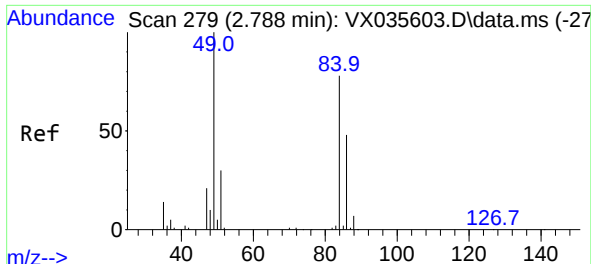
Tgt Ion:168 Resp: 207398
Ion Ratio Lower Upper
168 100
99 66.4 45.7 68.5



#16
Acetone
Concen: 1.165 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
58 20.6 24.7 37.1#

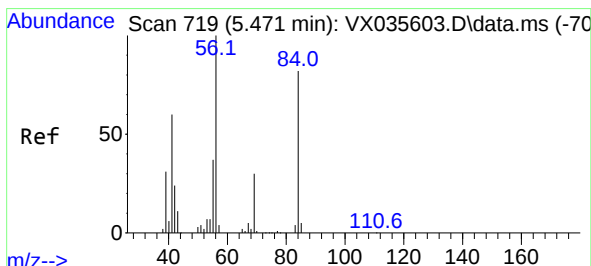
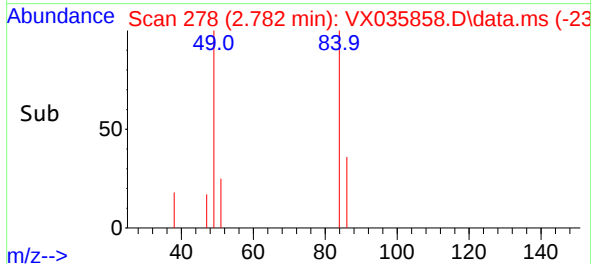
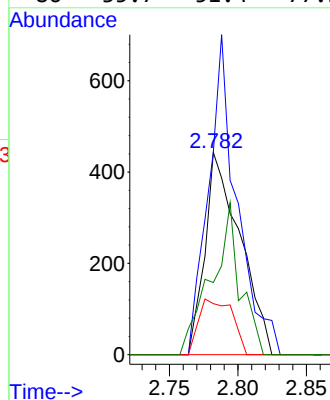
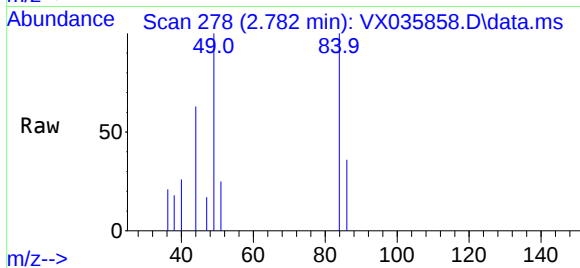




#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

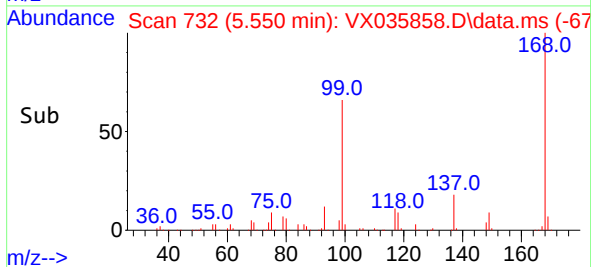
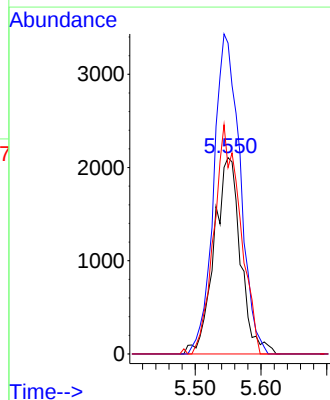
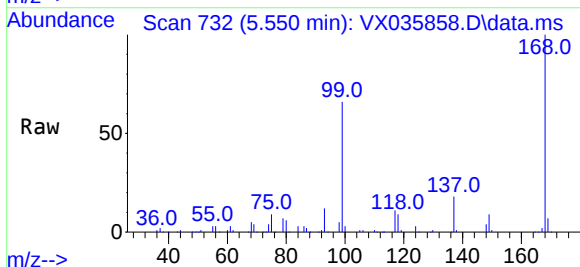
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

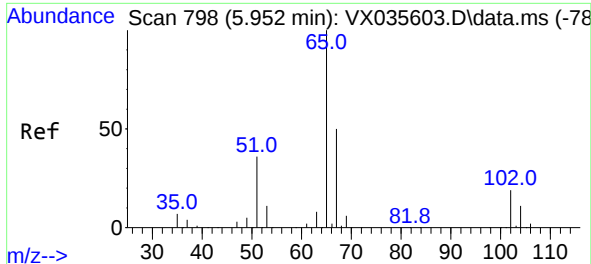
Tgt Ion:	84	Resp:	791
Ion	Ratio	Lower	Upper
84	100		
49	100.0	103.8	155.8#
51	25.3	31.8	47.8#
86	35.7	51.4	77.2#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Tgt Ion:	56	Resp:	5902
Ion	Ratio	Lower	Upper
56	100		
69	158.3	23.7	35.5#
84	94.9	68.5	102.7

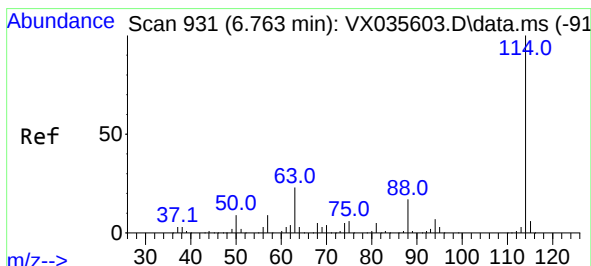
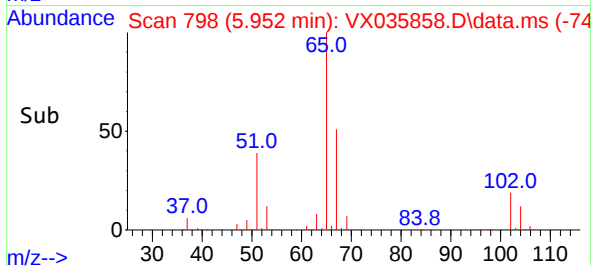
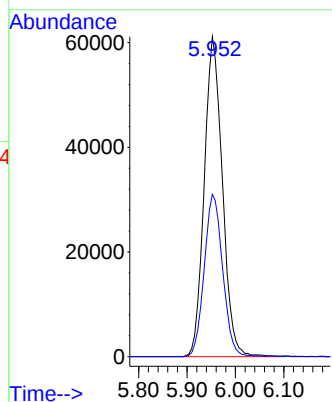
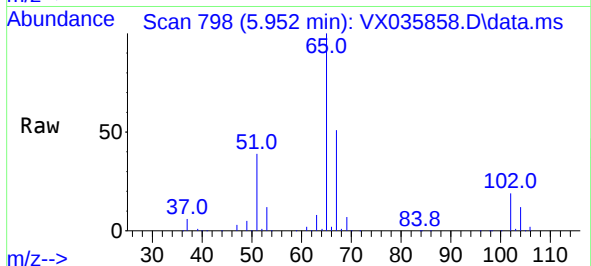




#33
 1,2-Dichloroethane-d4
 Concen: 44.136 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035858.D
 Acq: 25 May 2023 17:08

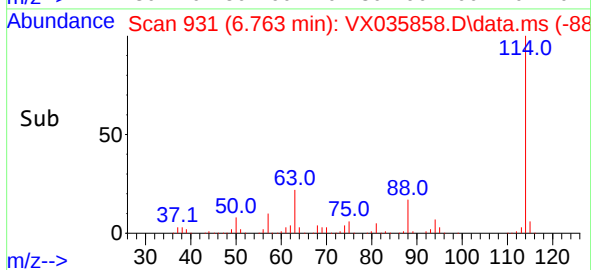
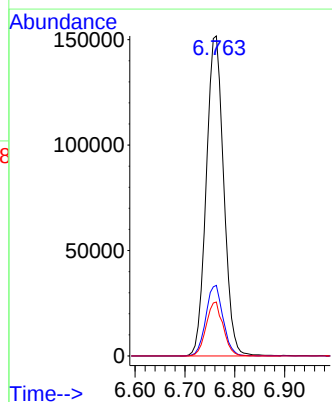
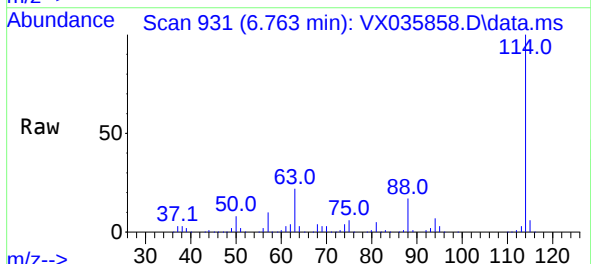
Instrument :
 MSVOA_X
 ClientSampleId :
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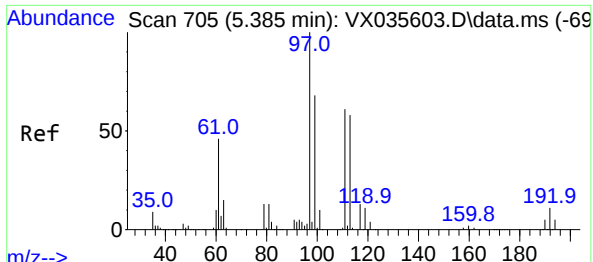
Tgt Ion: 65 Resp: 159691
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035858.D
 Acq: 25 May 2023 17:08

Tgt Ion: 114 Resp: 368426
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.2
 88 16.9 0.0 33.2

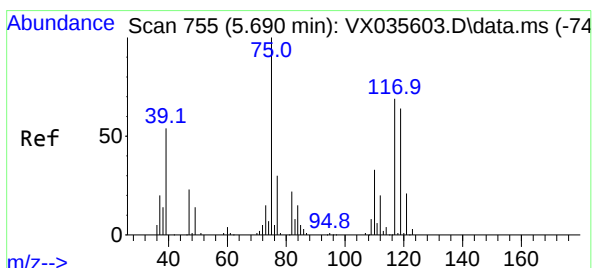
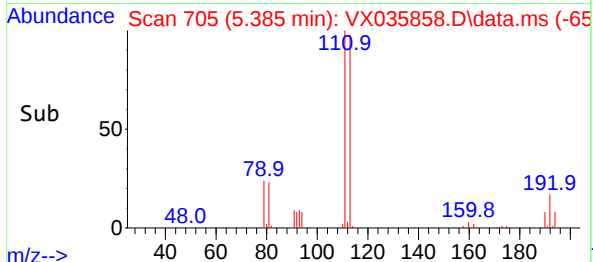
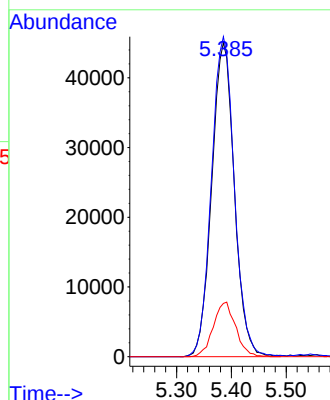
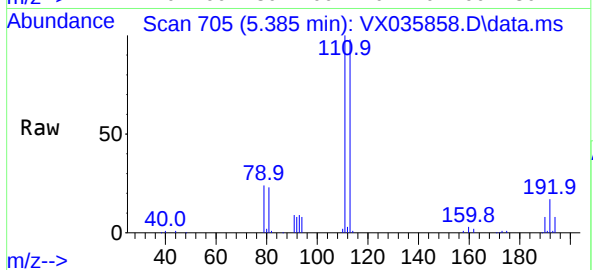




#35
Dibromofluoromethane
Concen: 51.860 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

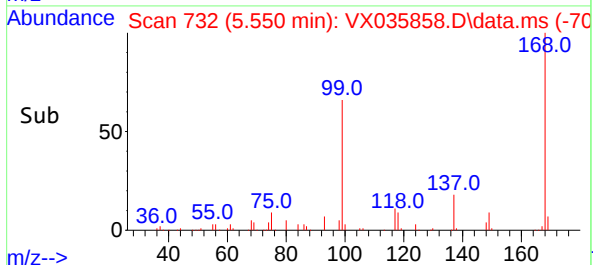
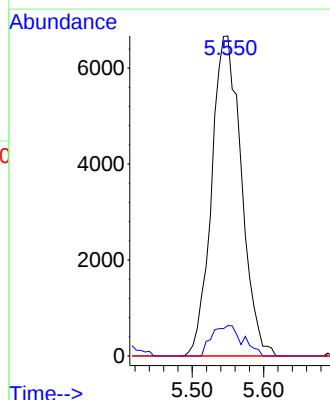
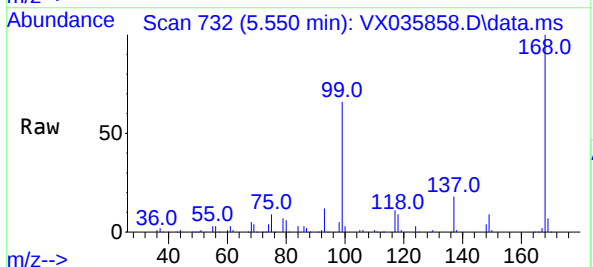
Instrument :
MSVOA_X
ClientSampleId :
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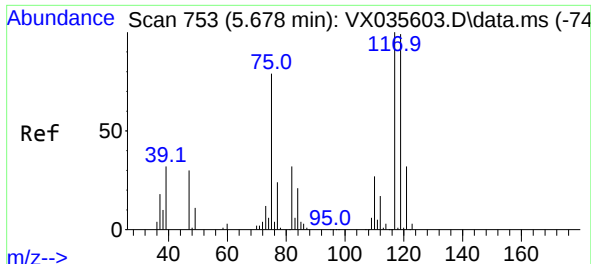
Tgt Ion:113 Resp: 128854
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 17.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

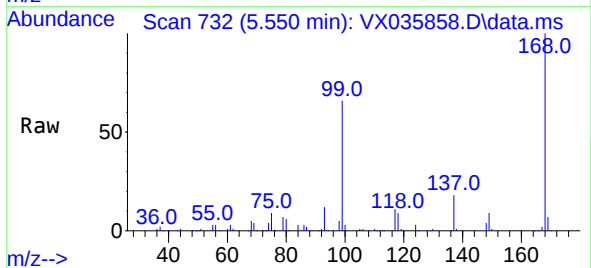
Tgt Ion: 75 Resp: 19241
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



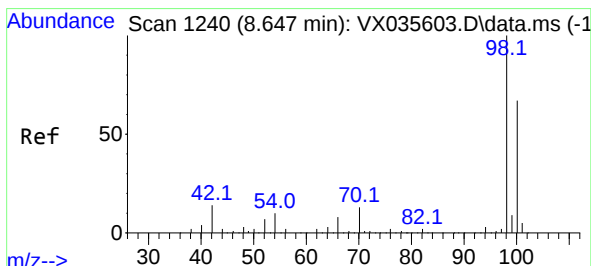
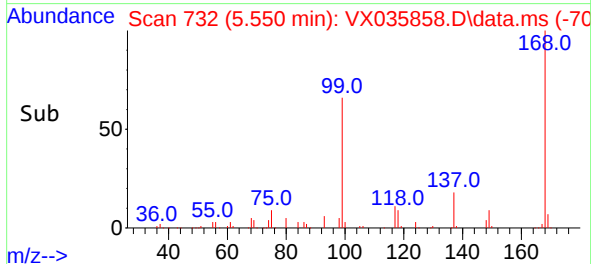
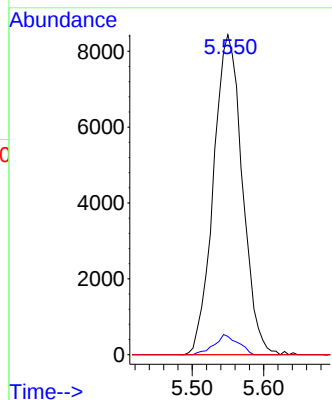


#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

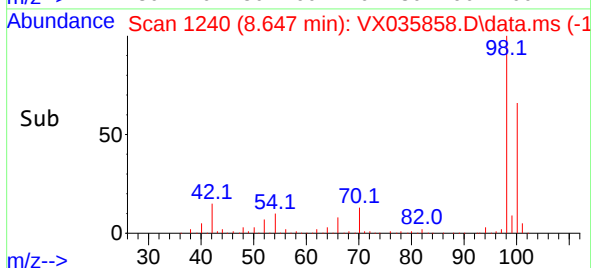
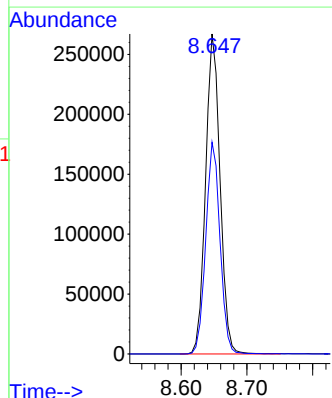
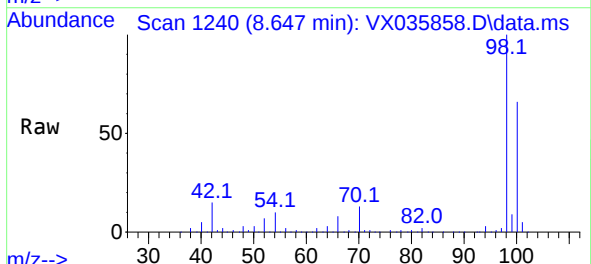


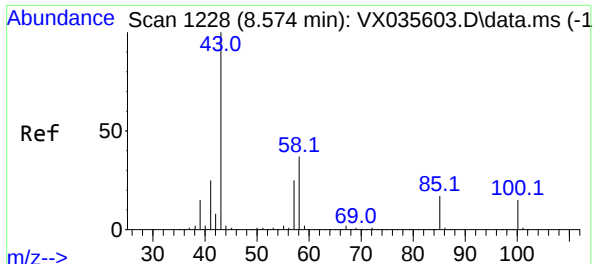
Tgt Ion:117 Resp: 23662
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 44.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Tgt Ion: 98 Resp: 408176
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.543 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035858.D

Acq: 25 May 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

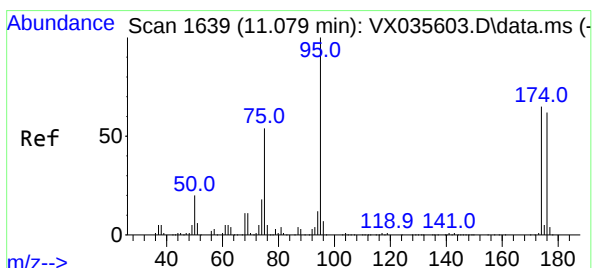
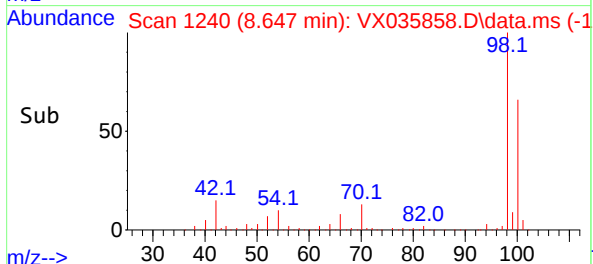
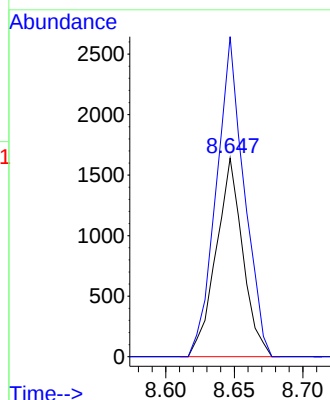
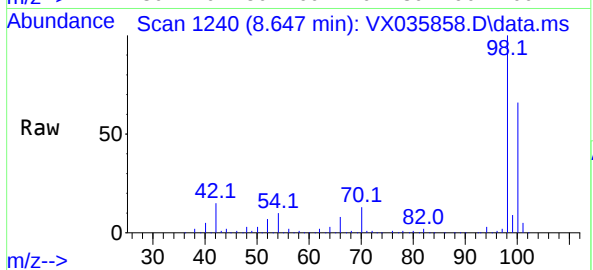
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Tgt Ion: 43 Resp: 2231

Ion Ratio Lower Upper

43 100

58 167.3 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 51.447 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035858.D

Acq: 25 May 2023 17:08

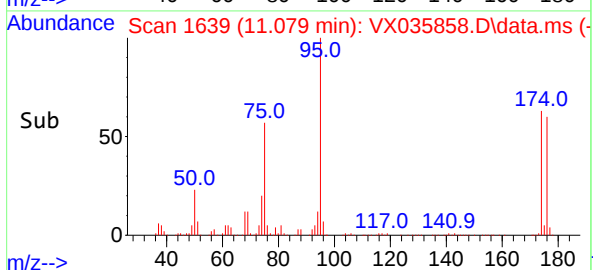
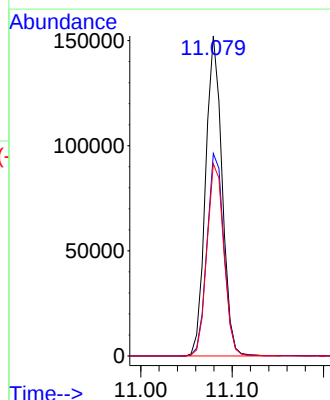
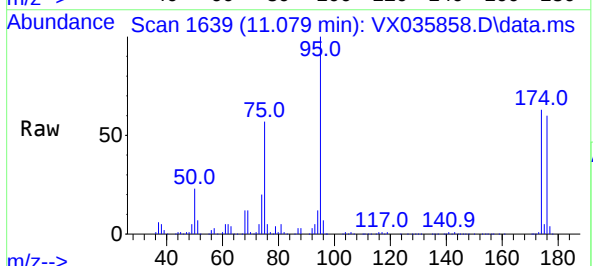
Tgt Ion: 95 Resp: 190139

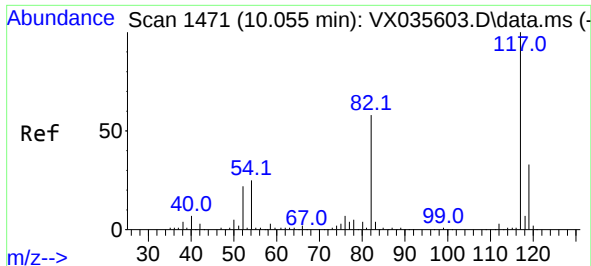
Ion Ratio Lower Upper

95 100

174 65.0 0.0 147.4

176 61.8 0.0 140.6

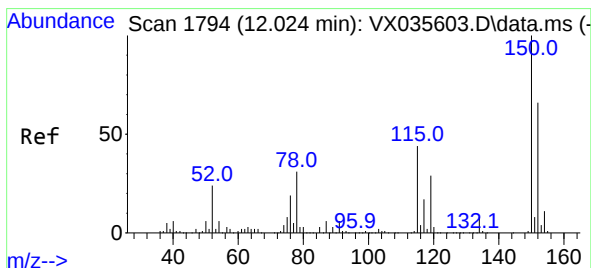
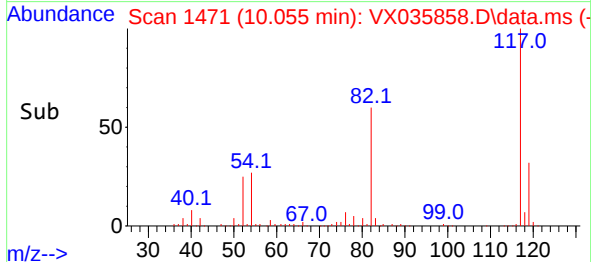
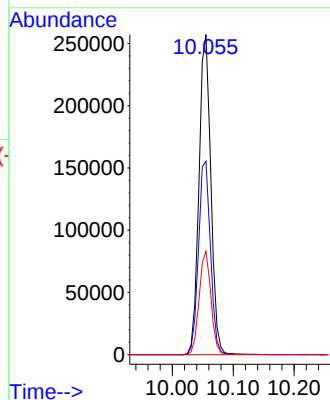
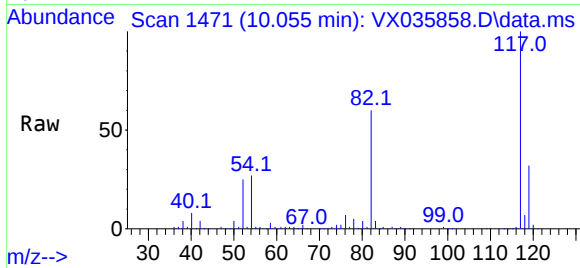




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

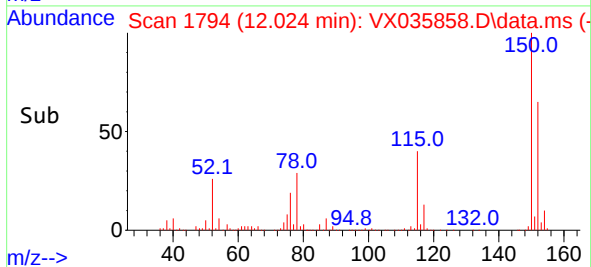
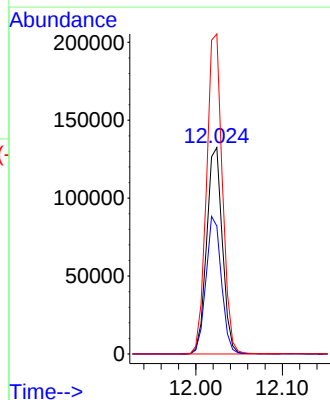
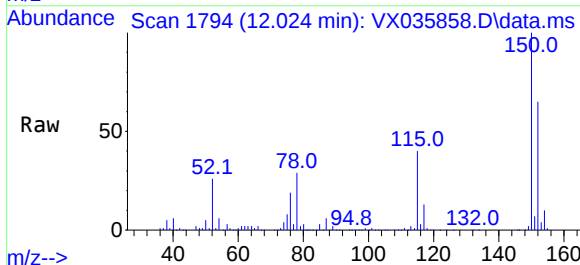
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

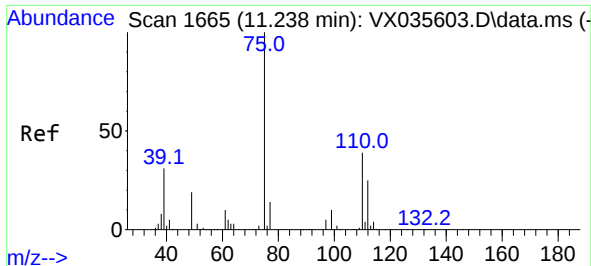
Tgt Ion:117 Resp: 347777
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Tgt Ion:152 Resp: 167194
Ion Ratio Lower Upper
152 100
115 65.6 45.0 135.0
150 156.4 0.0 352.4

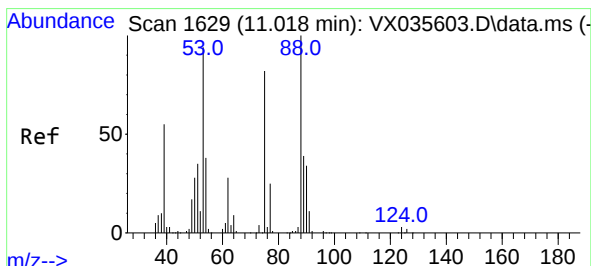
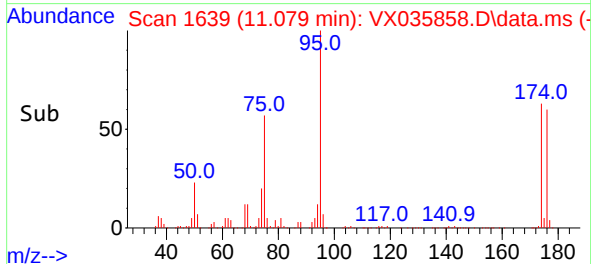
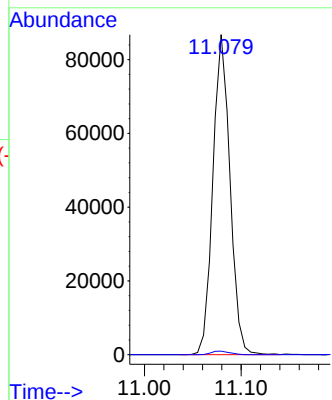
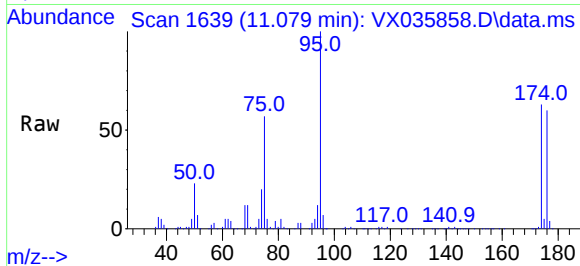




#76
1,2,3-Trichloropropane
Concen: 26.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 106456
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035858.D
Acq: 25 May 2023 17:08

Tgt Ion: 75 Resp: 106456
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

