

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036758.D
 Acq On : 01 Aug 2023 19:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 02 06:27:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

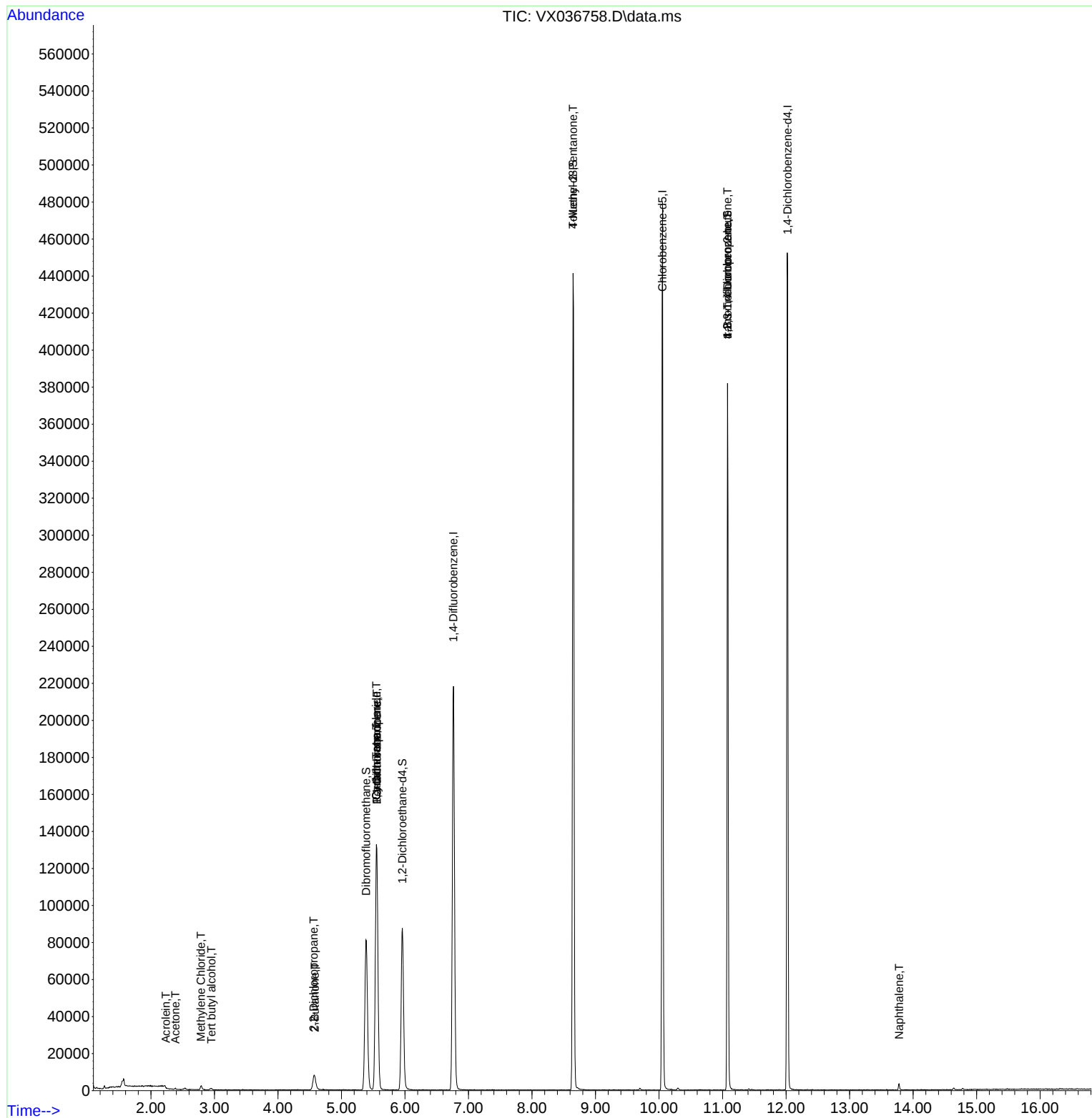
Internal Standards						
1) Pentafluorobenzene	5.556	168	123762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84258	46.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	71426	46.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	269530	49.159	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	100882	48.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	625	1.442	ug/l #	78
13) Acrolein	2.233	56	181	0.732	ug/l	87
16) Acetone	2.386	43	764	1.005	ug/l #	86
20) Methylene Chloride	2.788	84	1126	0.666	ug/l #	76
25) 2-Butanone	4.580	43	680	0.552	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	656	0.240	ug/l #	54
31) Cyclohexane	5.550	56	2907	1.147	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10148	4.404	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13322	5.438	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1333	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52880	23.797	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52880	53.938	ug/l #	5
95) Naphthalene	13.780	128	2486	0.364	ug/l	99

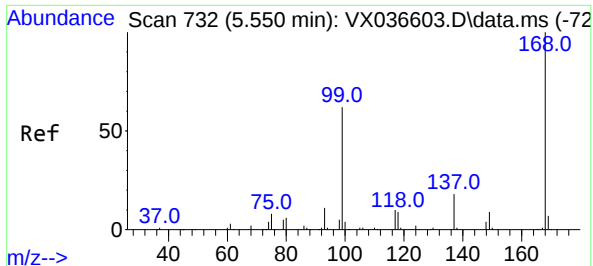
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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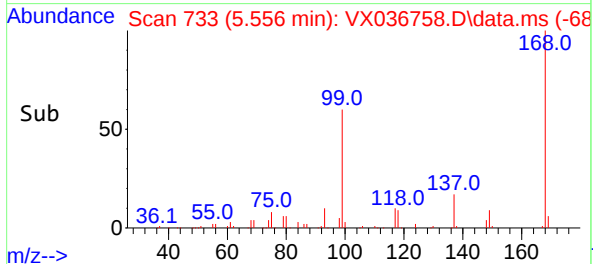
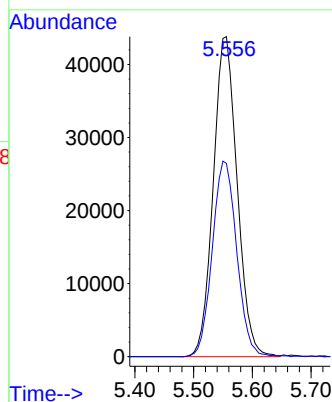
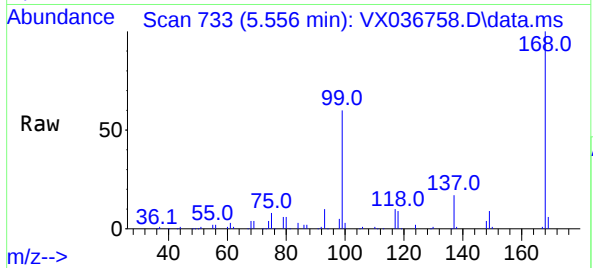




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

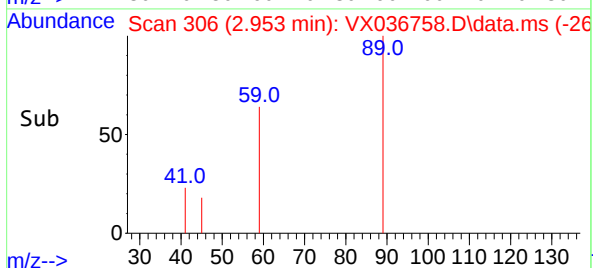
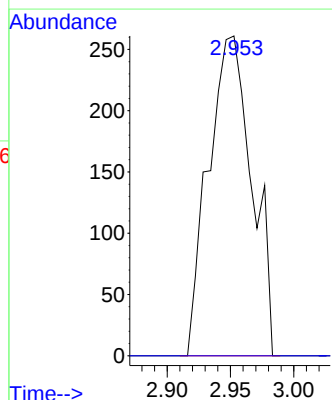
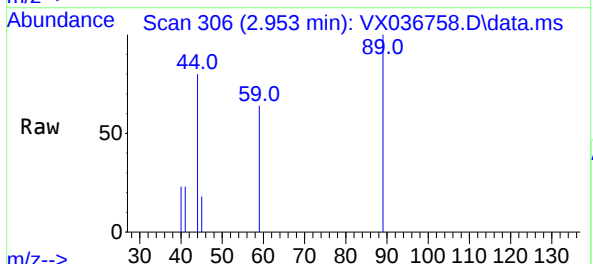
Instrument :
MSVOA_X
ClientSampleId :
IBLK

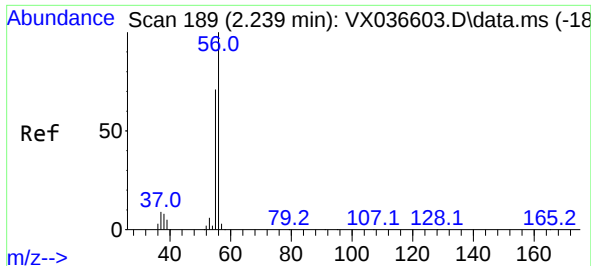
Tgt Ion:168 Resp: 123762
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.442 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 59 Resp: 625
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

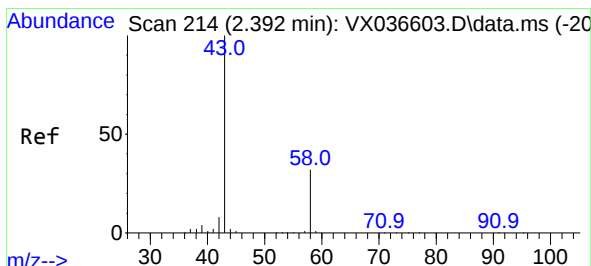
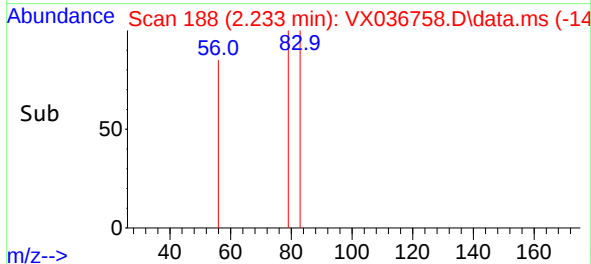
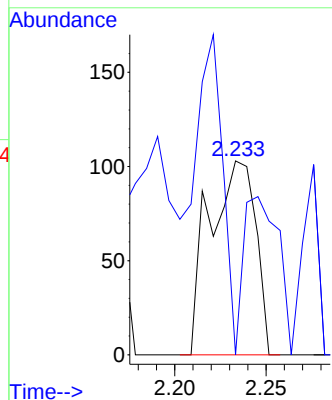
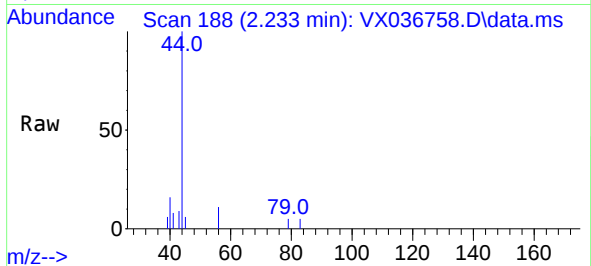




#13
Acrolein
Concen: 0.732 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

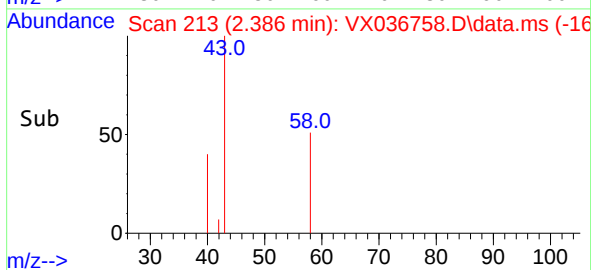
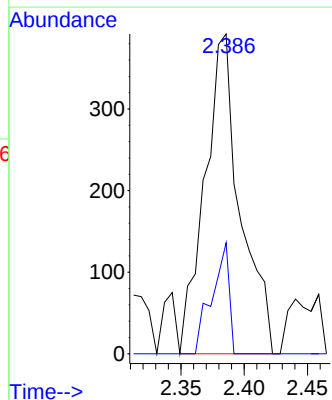
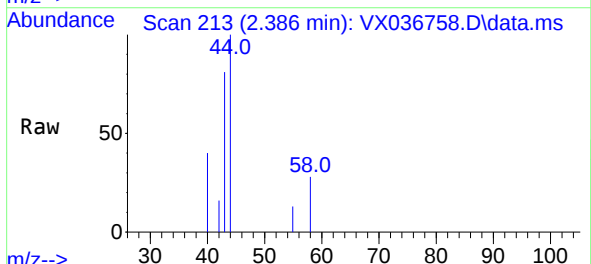
Instrument :
MSVOA_X
ClientSampleId :
IBLK

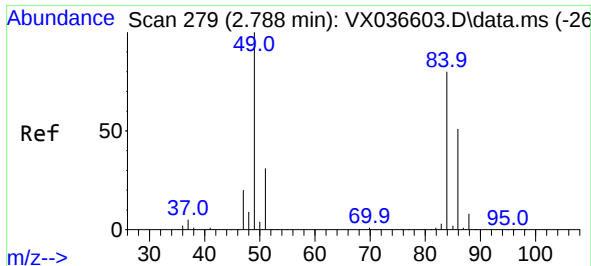
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 60.8 57.1 85.7



#16
Acetone
Concen: 1.005 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



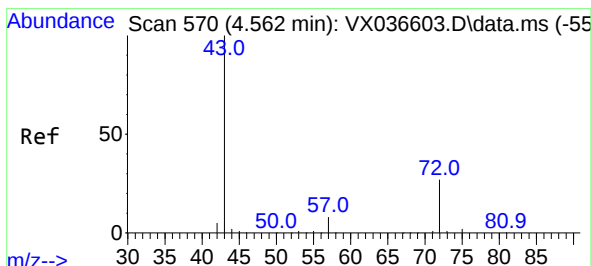
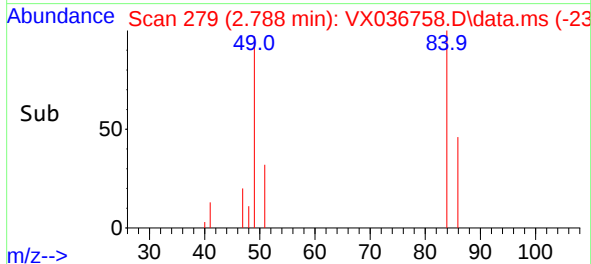
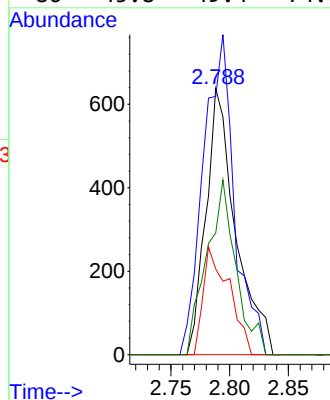
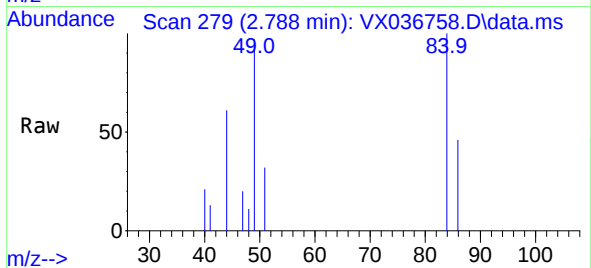


#20
Methylene Chloride
Concen: 0.666 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1126

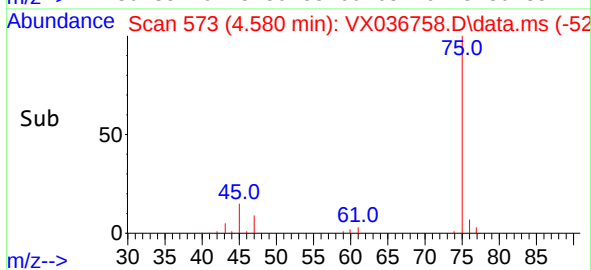
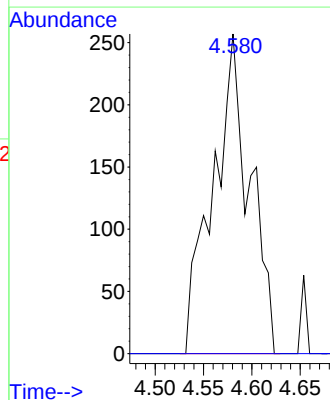
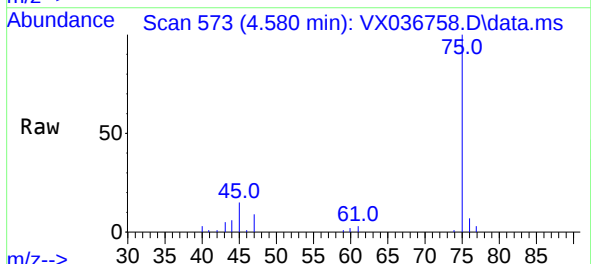
Ion	Ratio	Lower	Upper
84	100		
49	97.0	103.6	155.4#
51	32.1	33.8	50.6#
86	45.8	49.4	74.0#

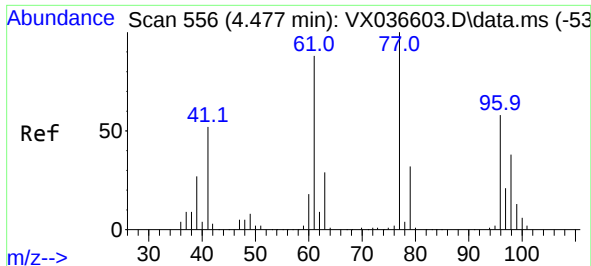


#25
2-Butanone
Concen: 0.552 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 43 Resp: 680

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#26

2,2-Dichloropropane

Concen: 0.240 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.085 min

Lab File: VX036758.D

Acq: 01 Aug 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

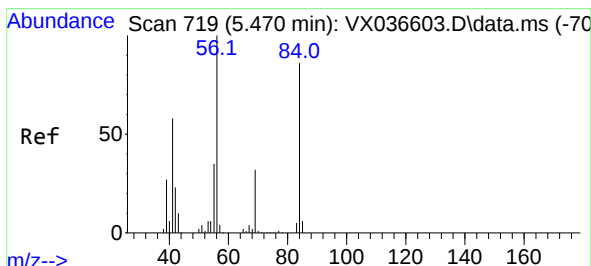
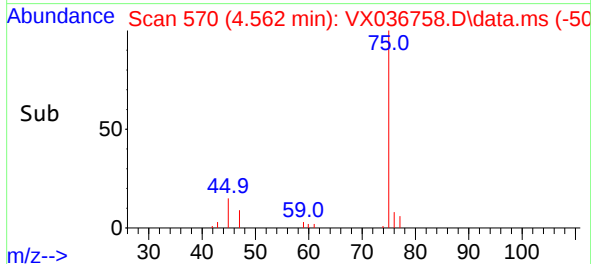
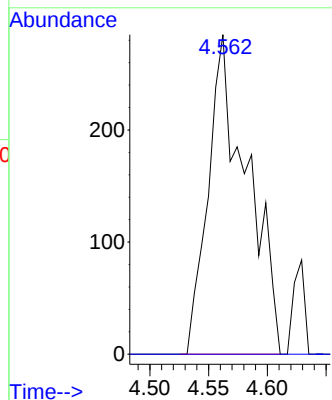
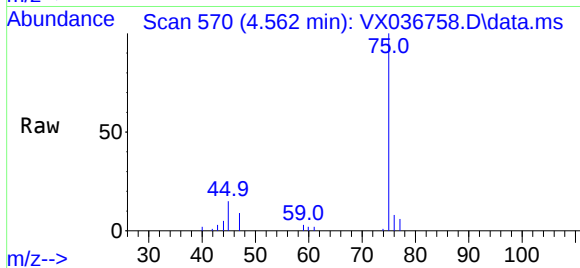
IBLK

Tgt Ion: 77 Resp: 656

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036758.D

Acq: 01 Aug 2023 19:03

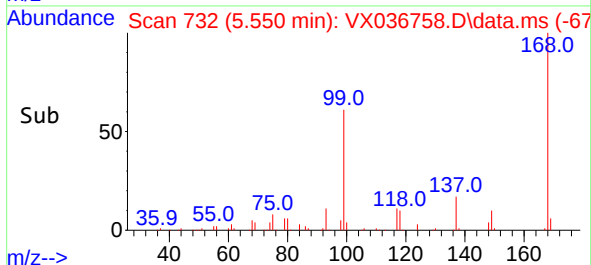
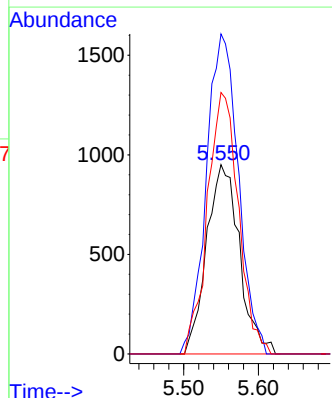
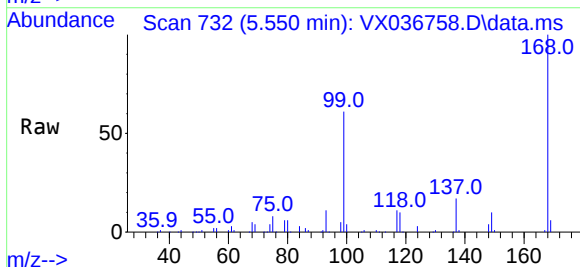
Tgt Ion: 56 Resp: 2907

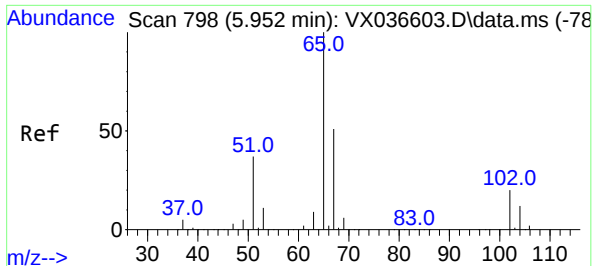
Ion Ratio Lower Upper

56 100

69 169.0 23.4 35.2#

84 138.1 65.9 98.9#

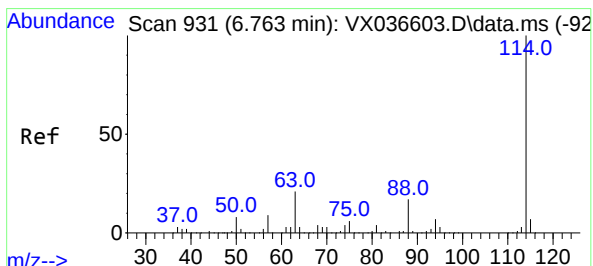
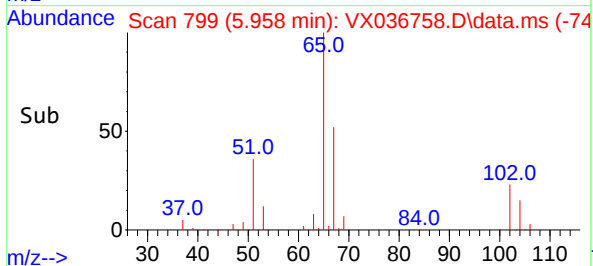
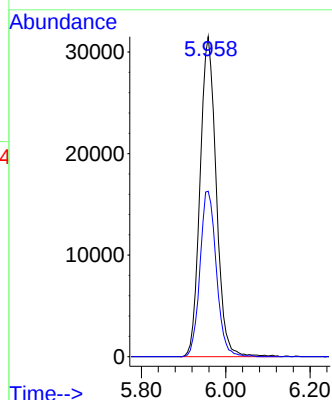
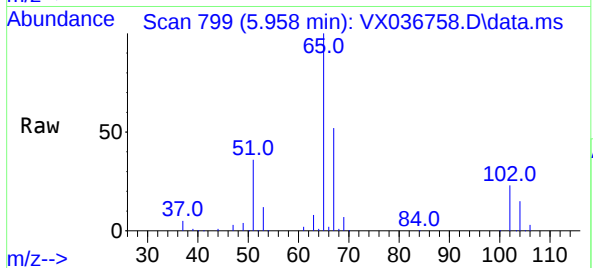




#33
 1,2-Dichloroethane-d4
 Concen: 46.011 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036758.D
 Acq: 01 Aug 2023 19:03

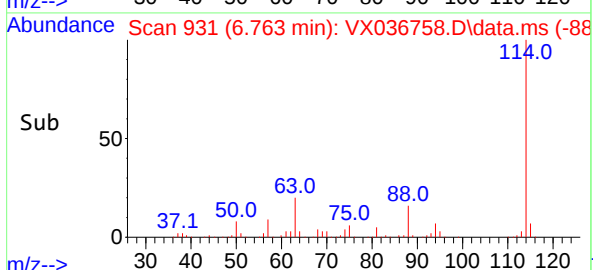
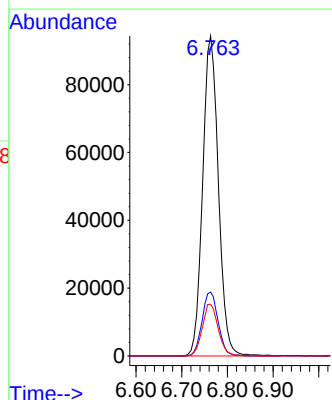
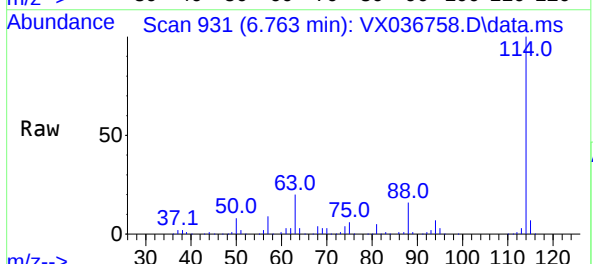
Instrument :
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 IBLK

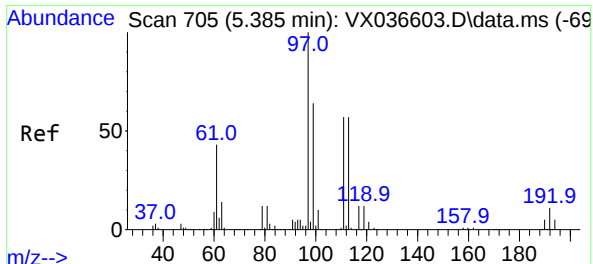
Tgt Ion: 65 Resp: 84258
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036758.D
 Acq: 01 Aug 2023 19:03

Tgt Ion: 114 Resp: 224939
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 16.2 0.0 36.6

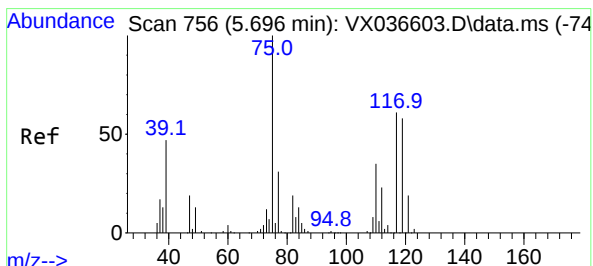
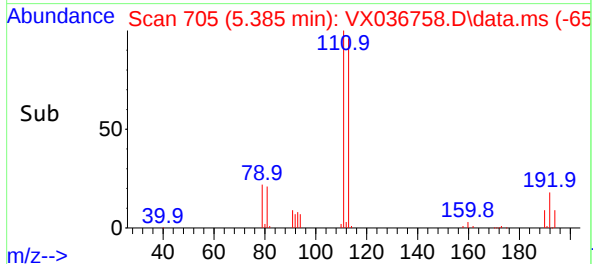
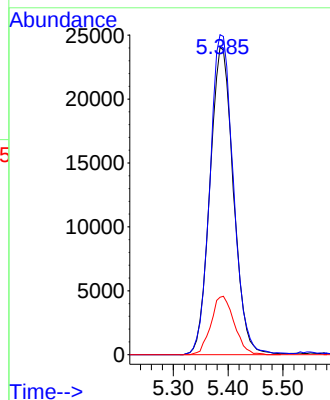
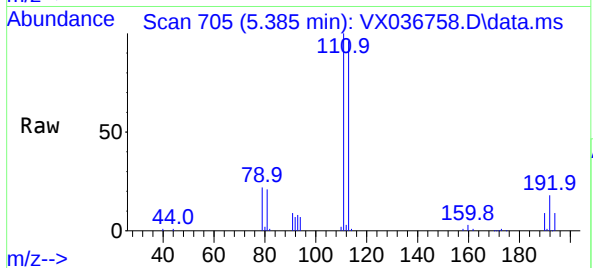




#35
Dibromofluoromethane
Concen: 46.197 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

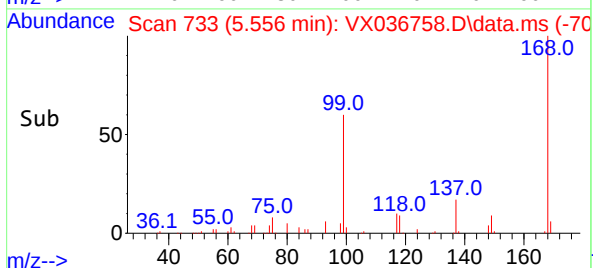
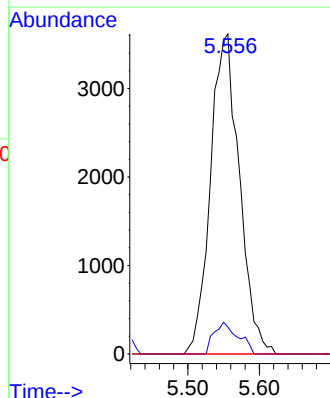
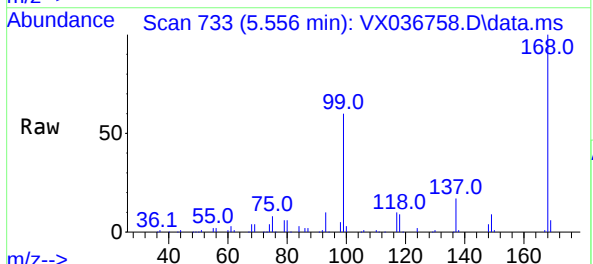
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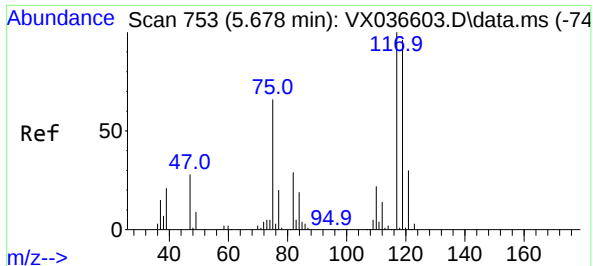
Tgt Ion:113 Resp: 71426
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 75 Resp: 10148
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#

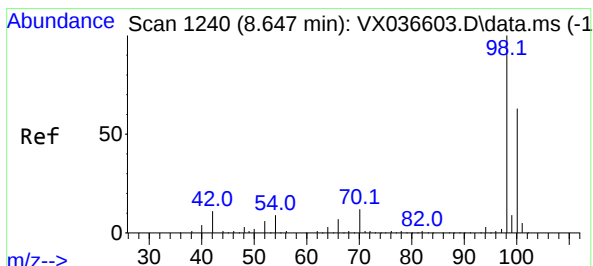
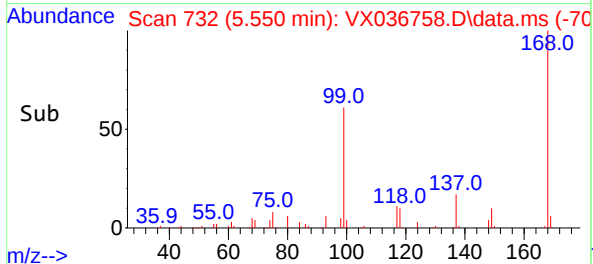
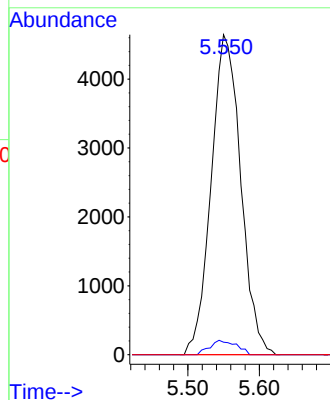
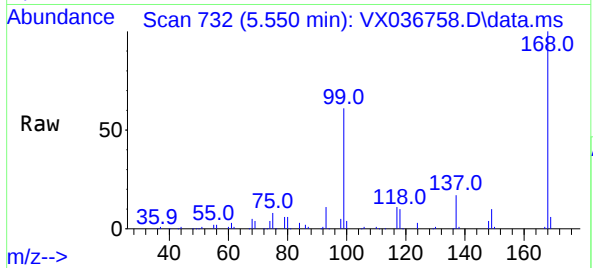




#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

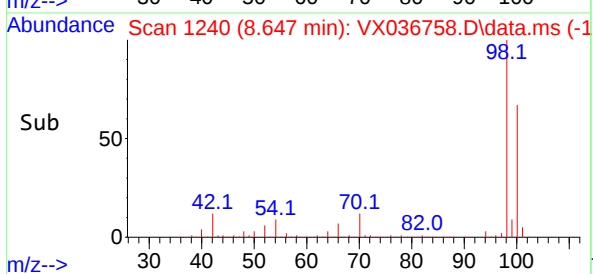
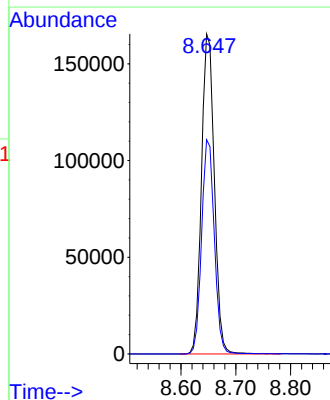
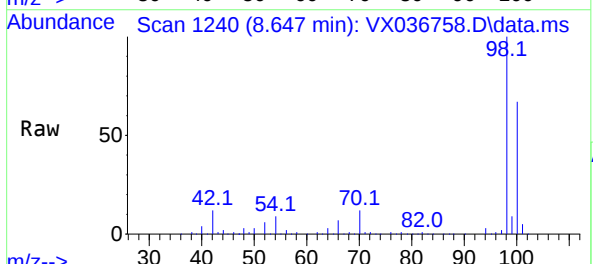
Instrument :
MSVOA_X
ClientSampleId :
IBLK

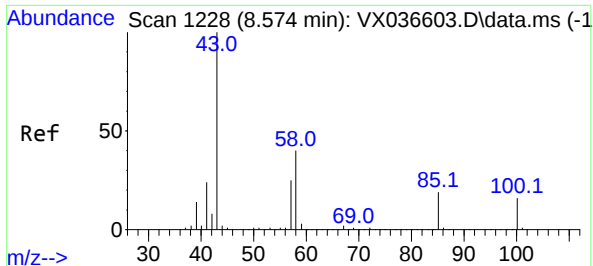
Tgt Ion:117 Resp: 13322
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.159 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 98 Resp: 269530
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

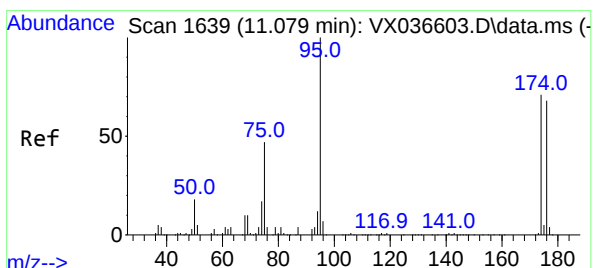
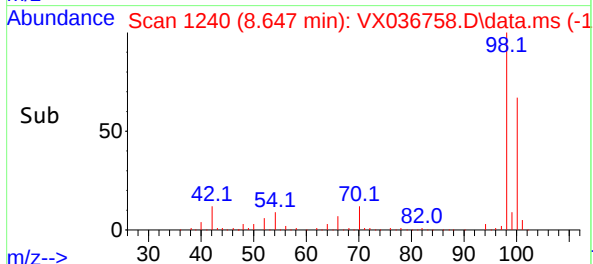
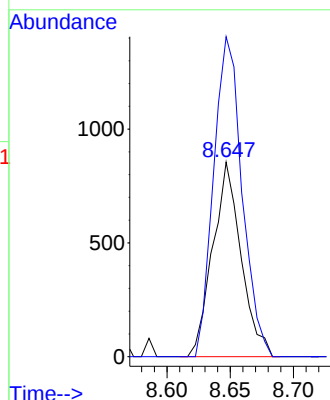
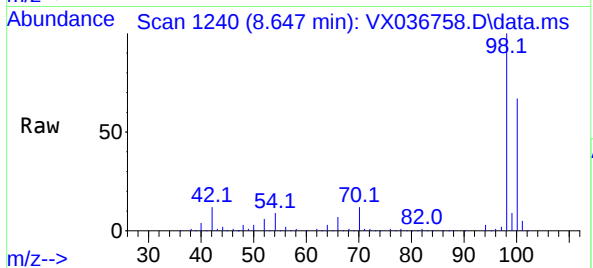




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

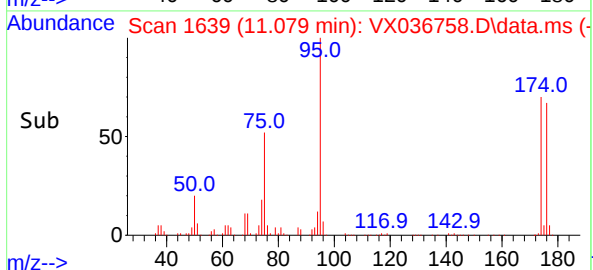
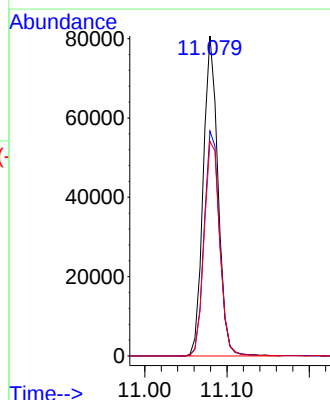
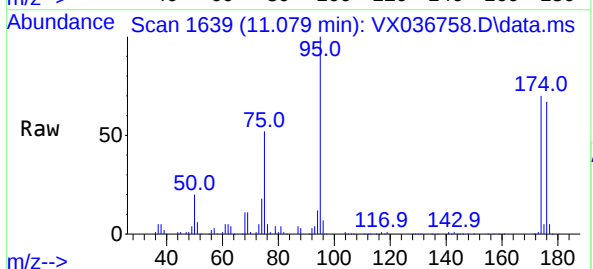
Instrument :
MSVOA_X
ClientSampleId :
IBLK

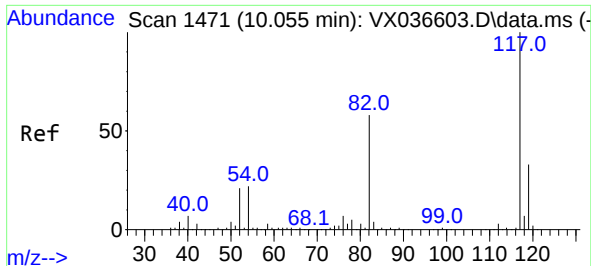
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 164.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion: 95 Resp: 100882
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.1 0.0 131.0

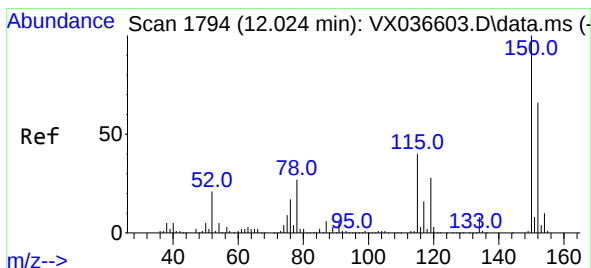
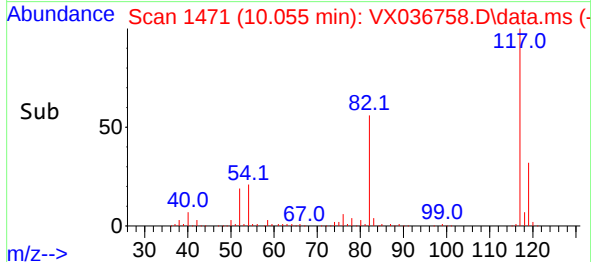
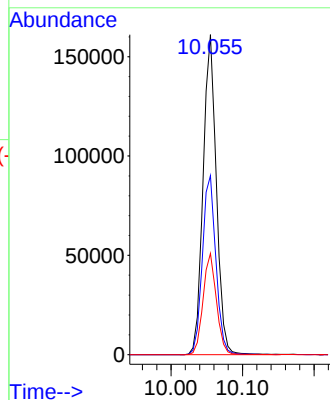
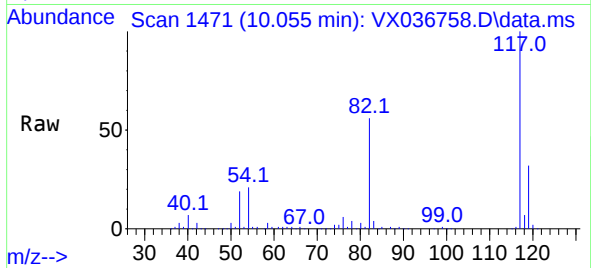




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

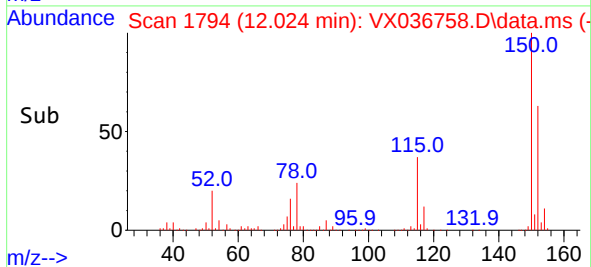
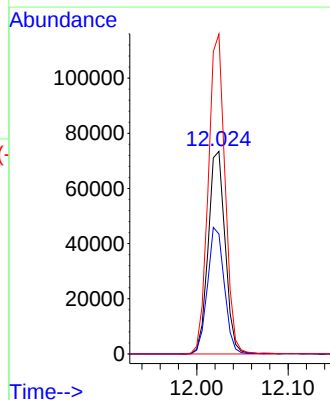
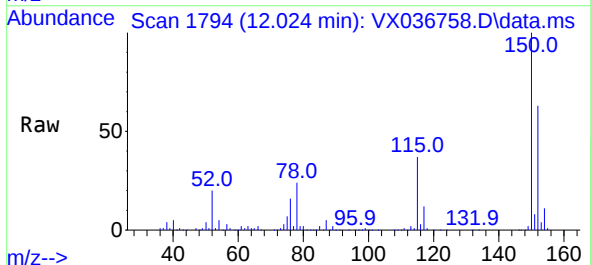
Instrument :
MSVOA_X
ClientSampleId :
IBLK

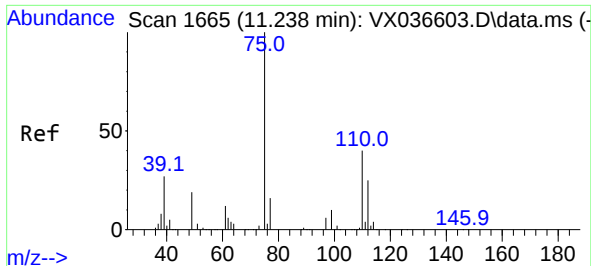
Tgt Ion:117 Resp: 207704
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Tgt Ion:152 Resp: 94473
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 156.5 0.0 345.0

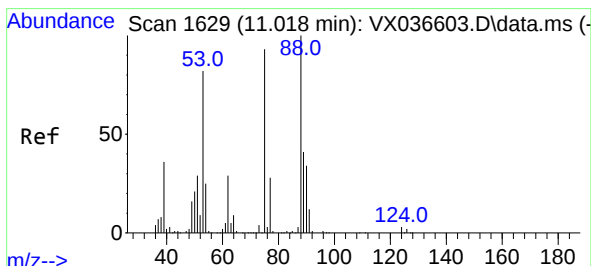
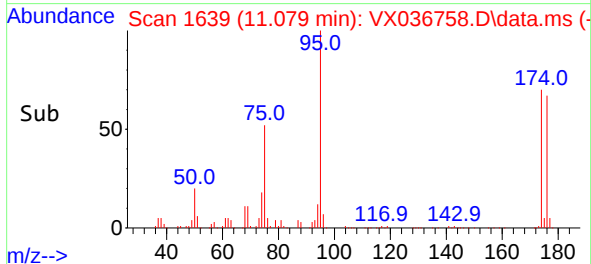
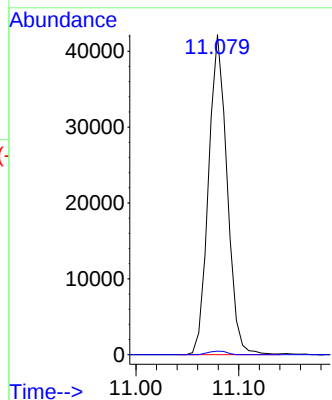
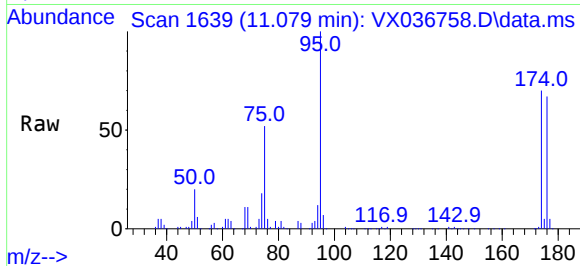




#76
1,2,3-Trichloropropane
Concen: 23.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

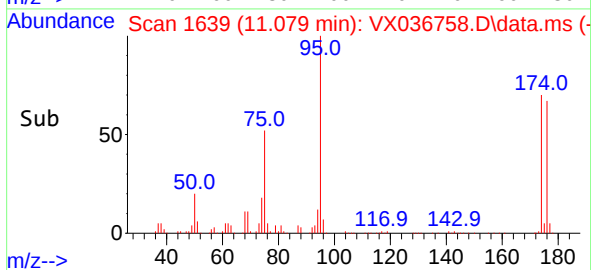
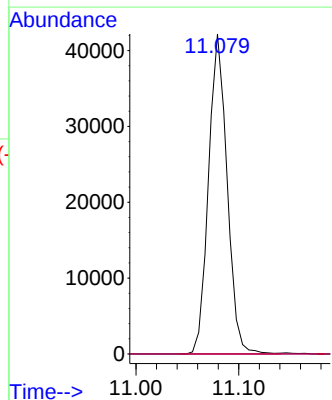
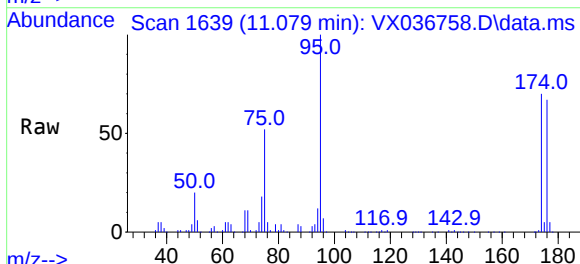
Instrument :
MSVOA_X
ClientSampleId :
IBLK

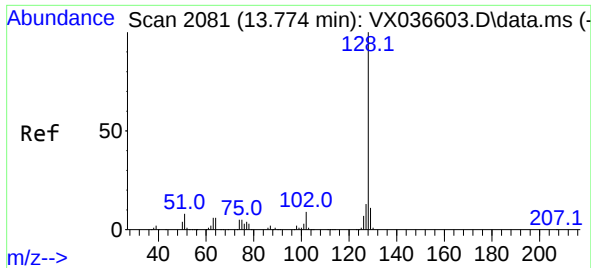
Tgt Ion: 75 Resp: 52880
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

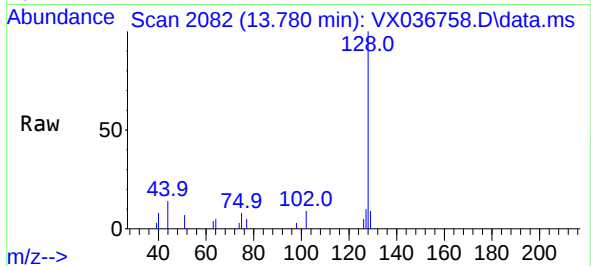
Tgt Ion: 75 Resp: 52880
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.364 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX036758.D
Acq: 01 Aug 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 2486

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	11.0	8.8	13.2

