

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036894.D
 Acq On : 09 Aug 2023 17:57
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 10 01:20:19 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)

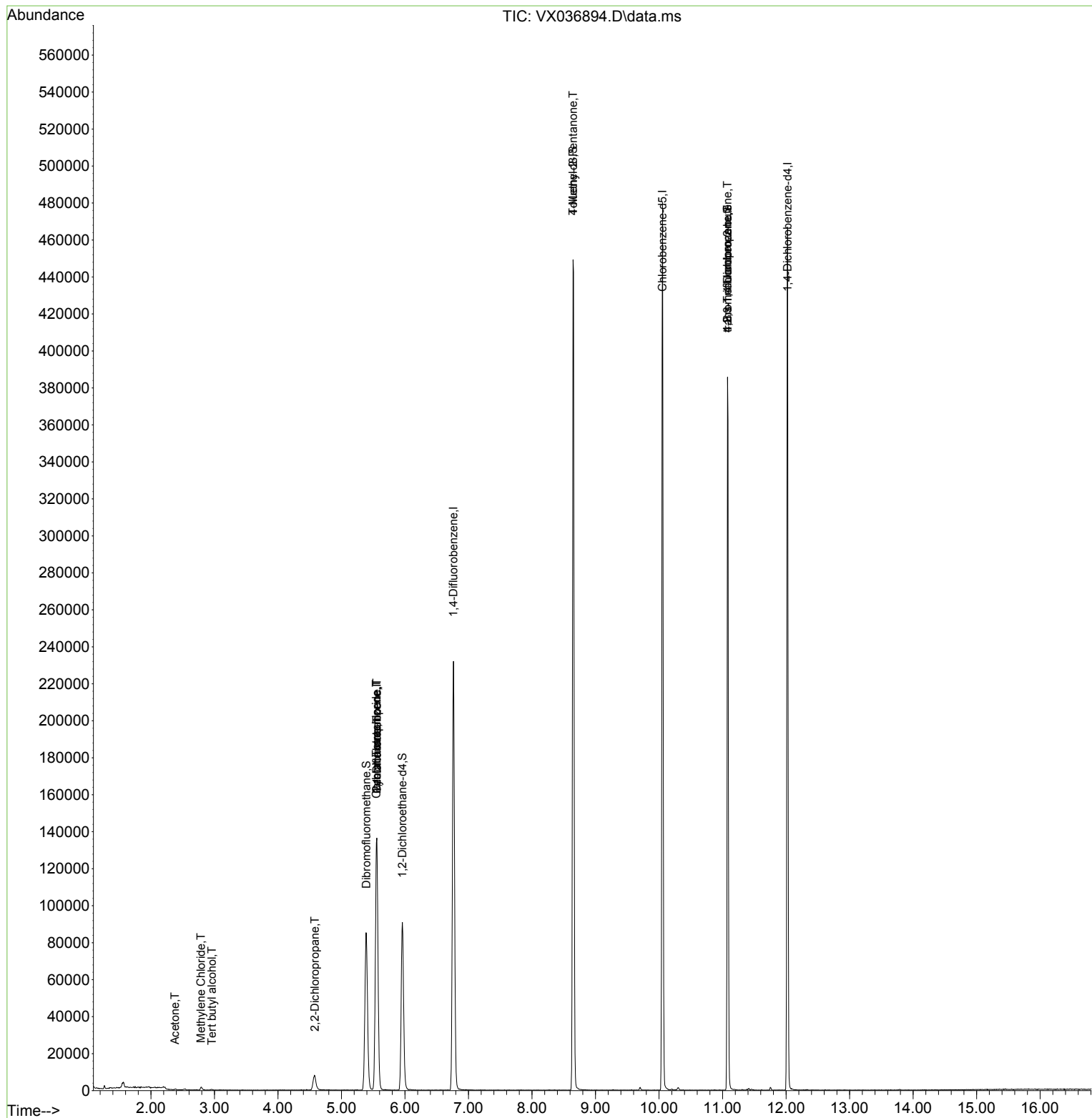
Internal Standards						
1) Pentafluorobenzene	5.556	168	126492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89165	47.640	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.391	113	74199	46.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.440%		
50) Toluene-d8	8.647	98	276782	48.614	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.220%		
62) 4-Bromofluorobenzene	11.079	95	104460	48.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	200	0.451	ug/l #	78
16) Acetone	2.379	43	430	0.554	ug/l #	73
20) Methylene Chloride	2.788	84	827	0.479	ug/l #	86
26) 2,2-Dichloropropane	4.580	77	620	0.222	ug/l #	54
31) Cyclohexane	5.556	56	2657	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10511	4.392	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13229	5.200	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1194	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53898	23.782	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53898	53.904	ug/l #	5

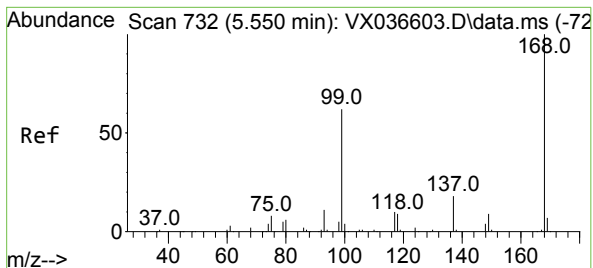
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
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MSVOA_X
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IBLK

Quant Time: Aug 10 01:20:19 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

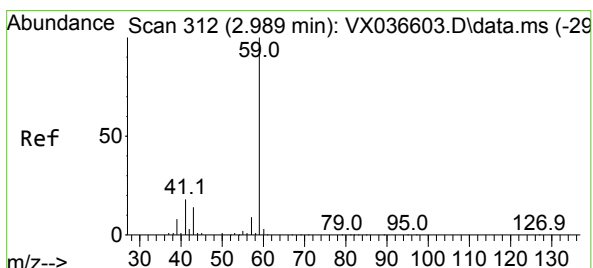
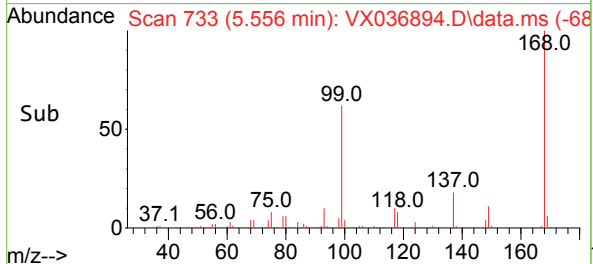
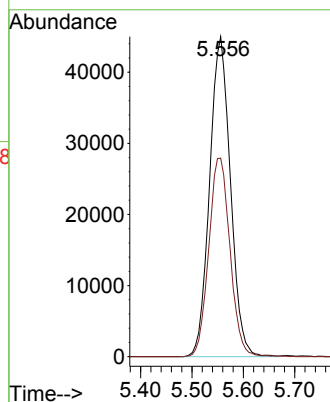
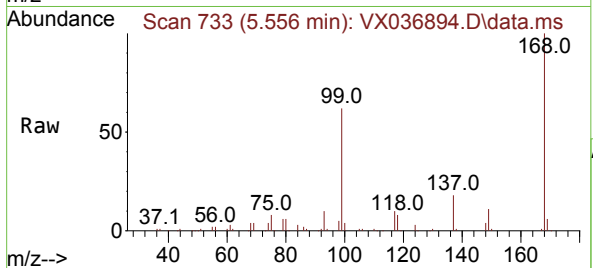




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

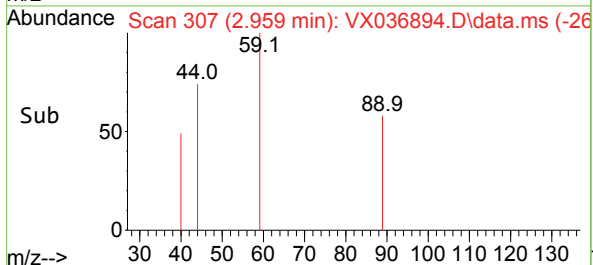
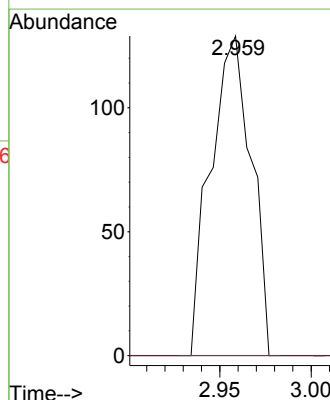
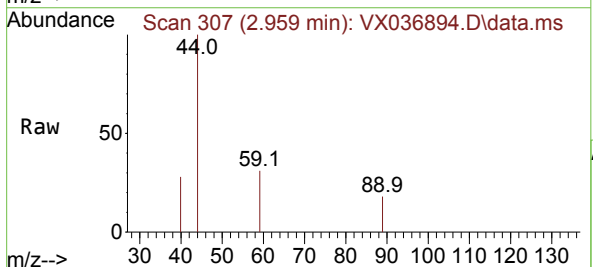
Instrument :
MSVOA_X
ClientSampleId :
IBLK

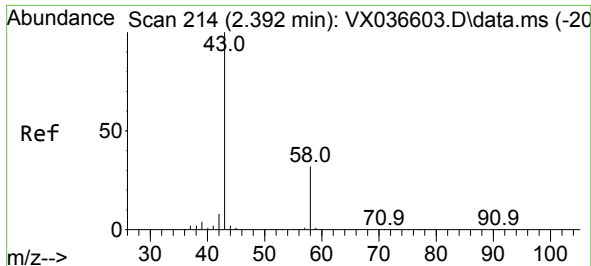
Tgt Ion:168 Resp: 126492
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.451 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

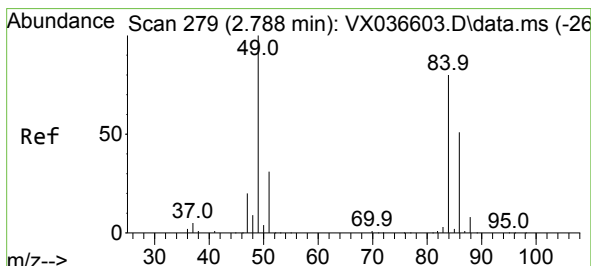
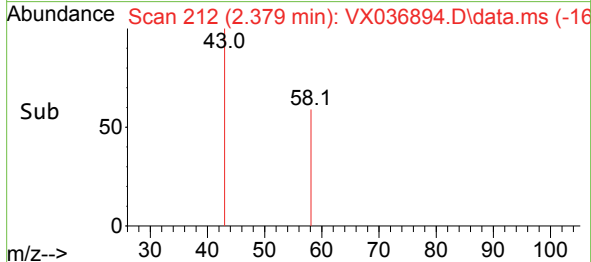
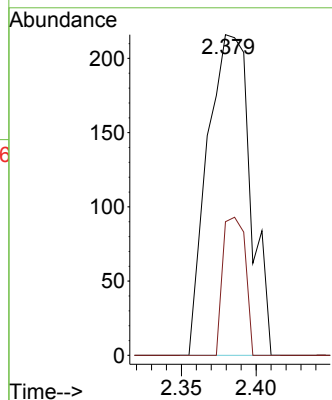
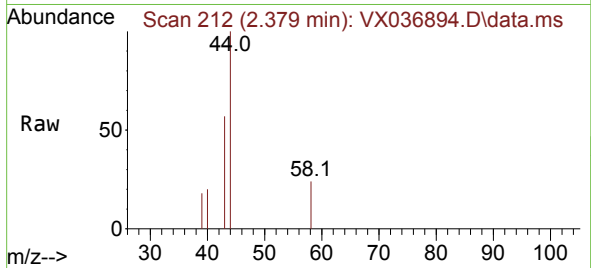




#16
Acetone
Concen: 0.554 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

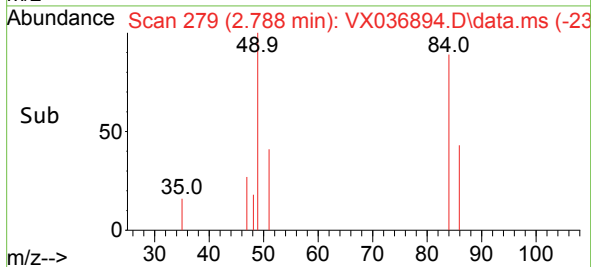
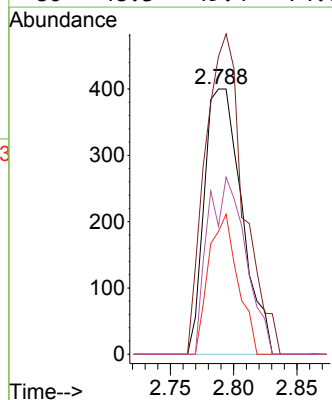
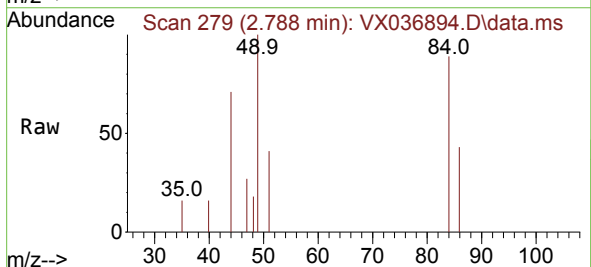
Instrument :
MSVOA_X
ClientSampleId :
IBLK

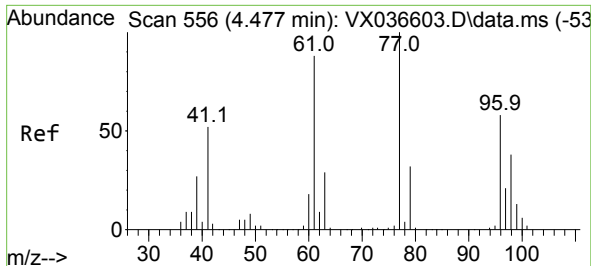
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 41.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

Tgt Ion: 84 Resp: 827
Ion Ratio Lower Upper
84 100
49 112.3 103.6 155.4
51 46.3 33.8 50.6
86 48.3 49.4 74.0#





#26

2,2-Dichloropropane

Concen: 0.222 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.104 min

Lab File: VX036894.D

Acq: 09 Aug 2023 17:57

Instrument :

MSVOA_X

ClientSampleId :

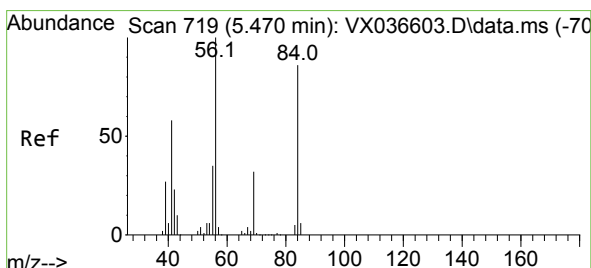
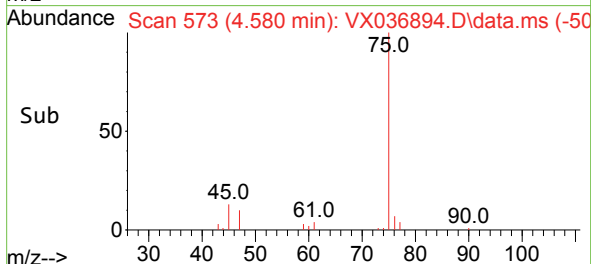
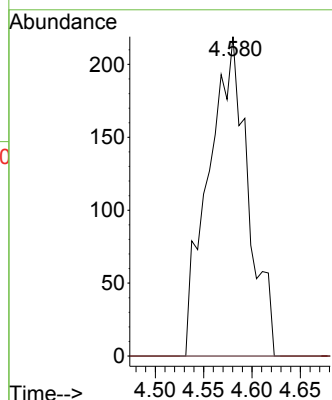
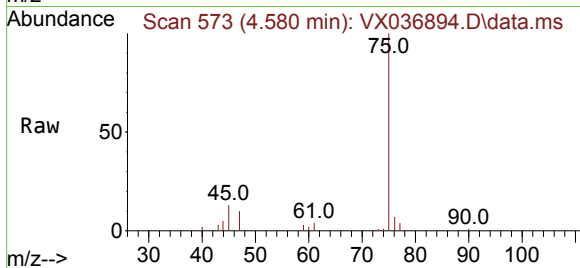
IBLK

Tgt Ion: 77 Resp: 620

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX036894.D

Acq: 09 Aug 2023 17:57

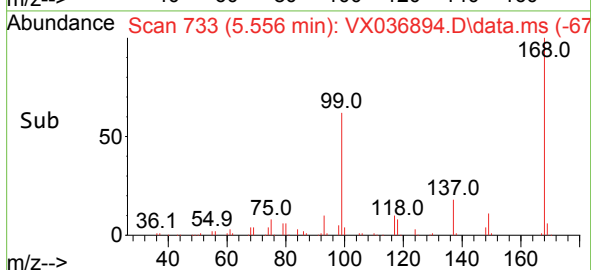
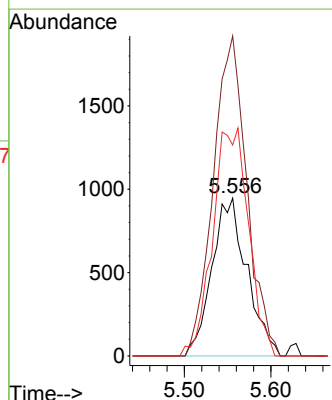
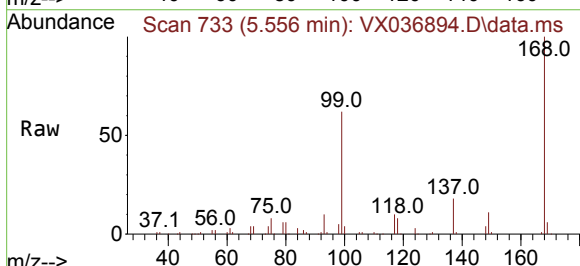
Tgt Ion: 56 Resp: 2657

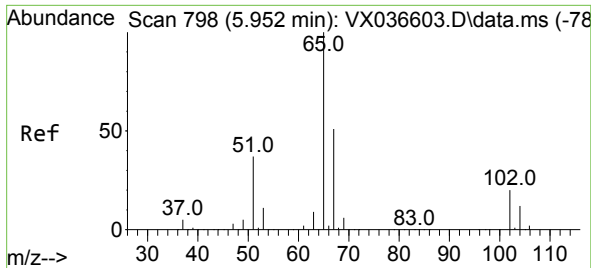
Ion Ratio Lower Upper

56 100

69 203.0 23.4 35.2#

84 133.7 65.9 98.9#

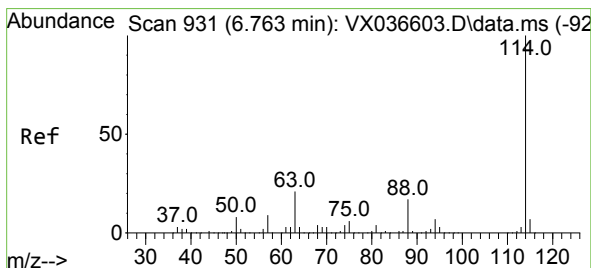
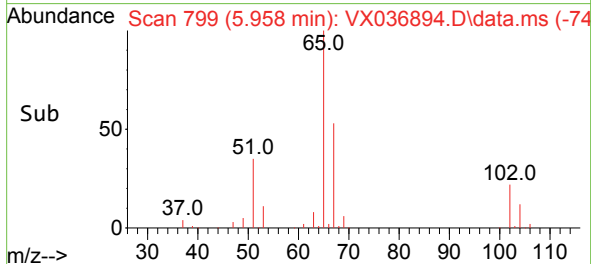
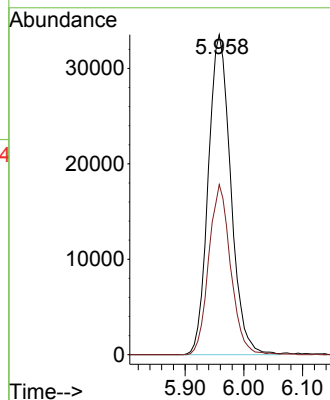
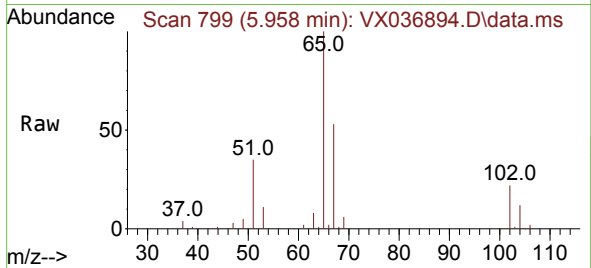




#33
 1,2-Dichloroethane-d4
 Concen: 47.640 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036894.D
 Acq: 09 Aug 2023 17:57

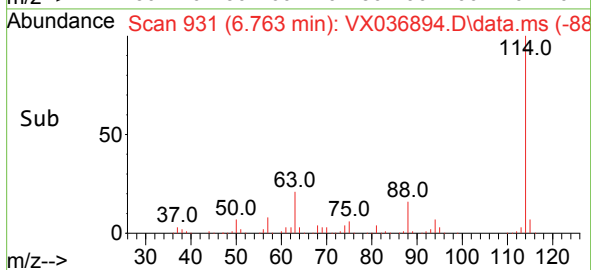
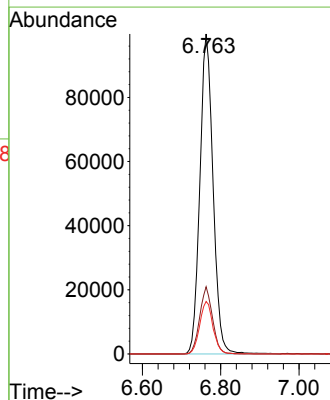
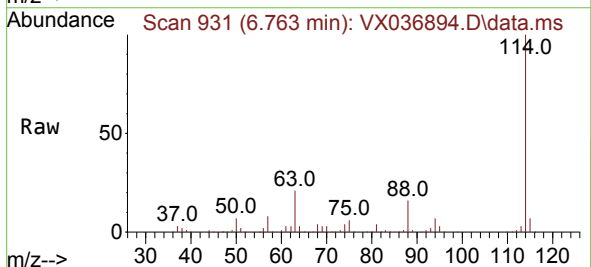
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

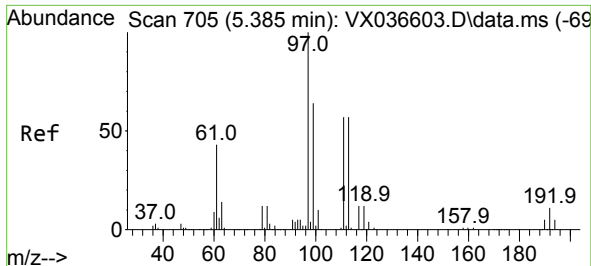
Tgt Ion: 65 Resp: 89165
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036894.D
 Acq: 09 Aug 2023 17:57

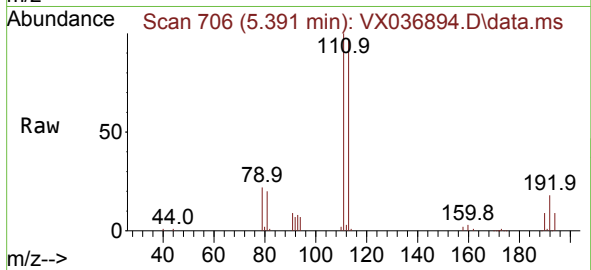
Tgt Ion: 114 Resp: 233582
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 16.4 0.0 36.6



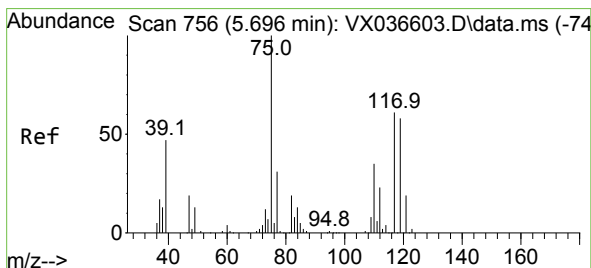
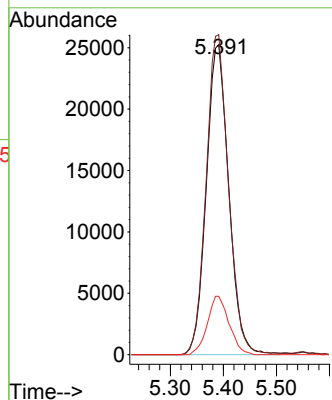
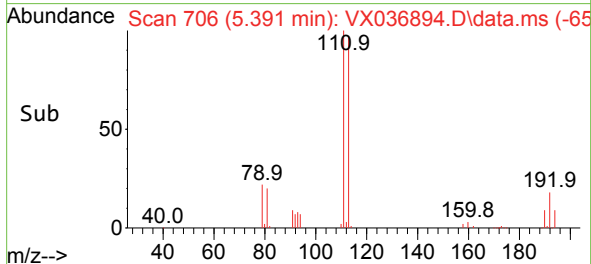


#35
 Dibromofluoromethane
 Concen: 46.215 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX036894.D
 Acq: 09 Aug 2023 17:57

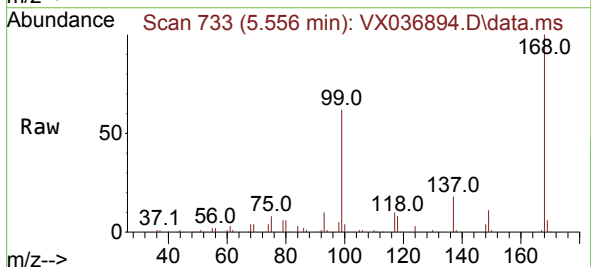
Instrument :
 MSVOA_X
 ClientSampleId :
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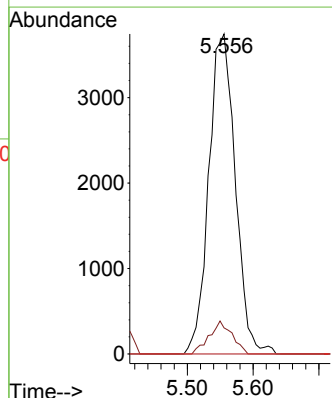
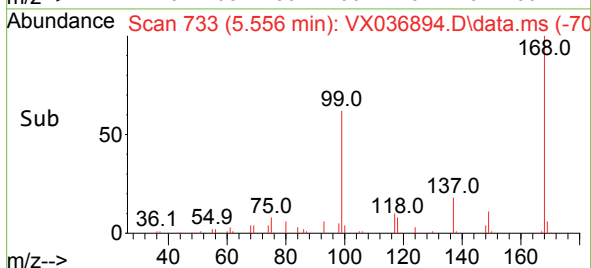
Tgt Ion:113 Resp: 74199
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 18.2 13.3 19.9

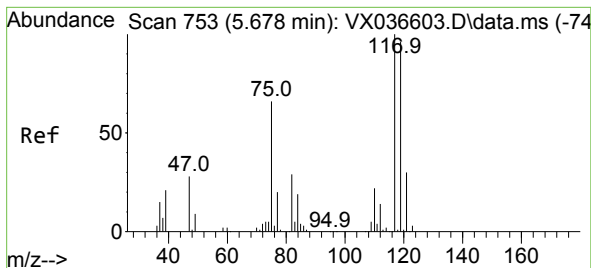


#36
 1,1-Dichloropropene
 Concen: 4.392 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX036894.D
 Acq: 09 Aug 2023 17:57



Tgt Ion: 75 Resp: 10511
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.200 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX036894.D

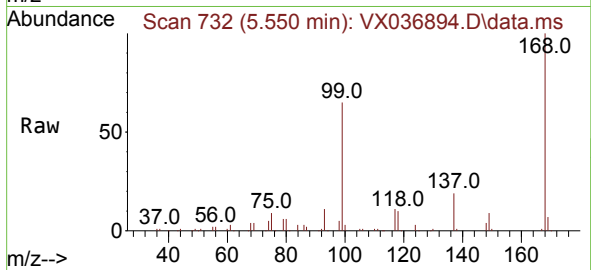
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Instrument :

MSVOA_X

ClientSampleId :

IBLK



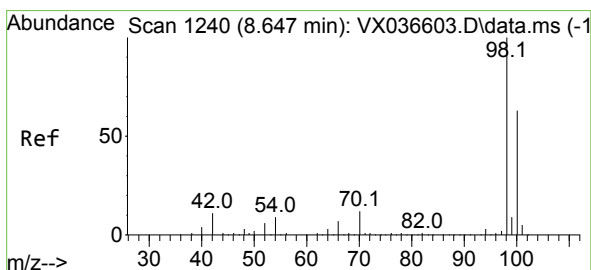
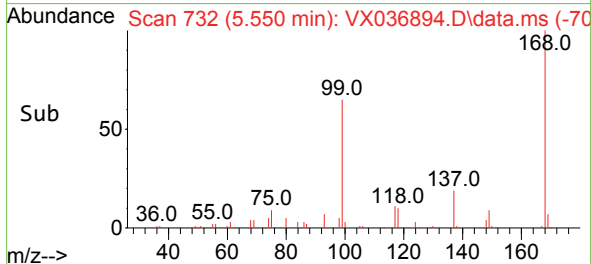
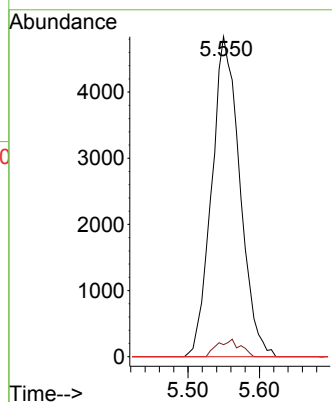
Tgt Ion:117 Resp: 13229

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.614 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036894.D

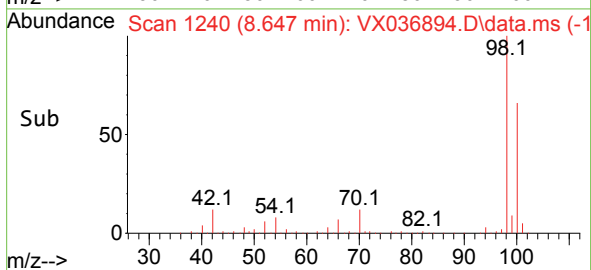
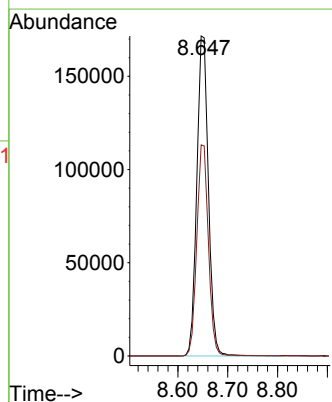
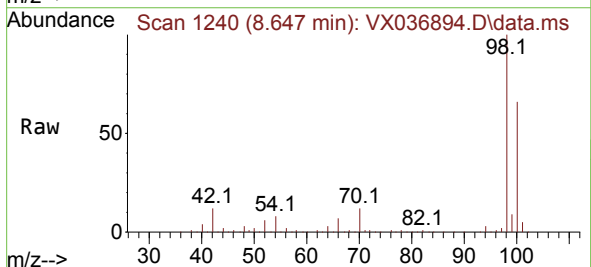
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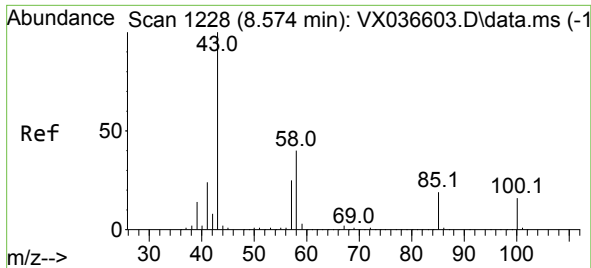
Tgt Ion: 98 Resp: 276782

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

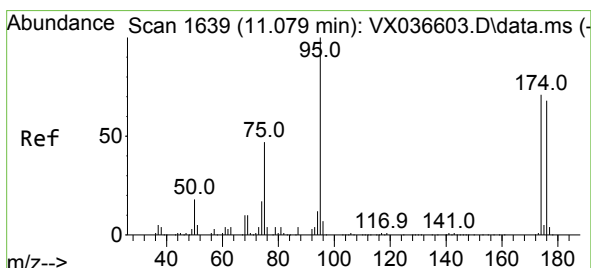
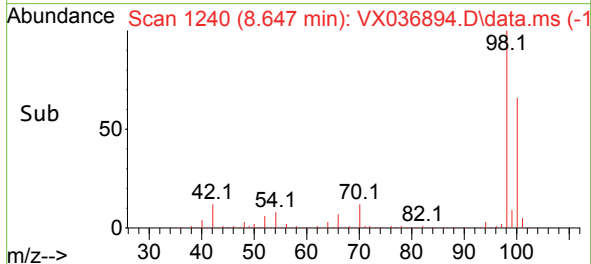
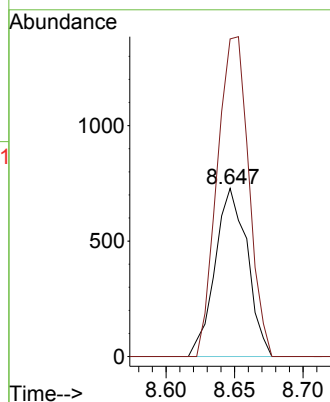
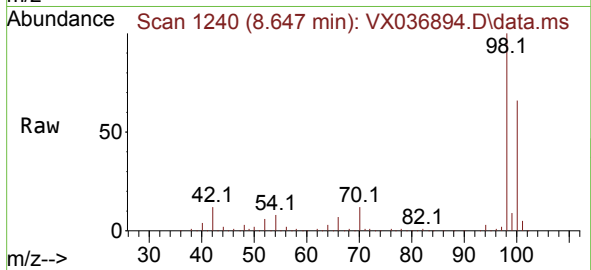




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1194
Delta R.T. 0.073 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

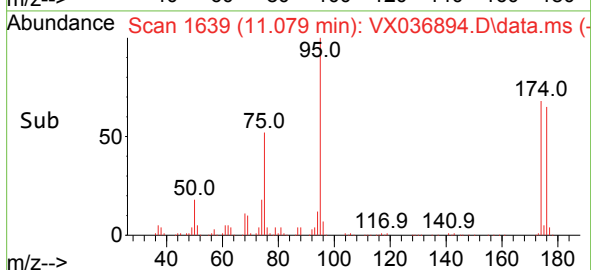
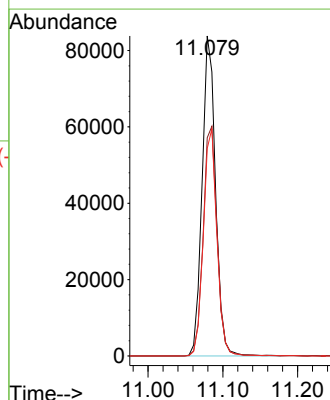
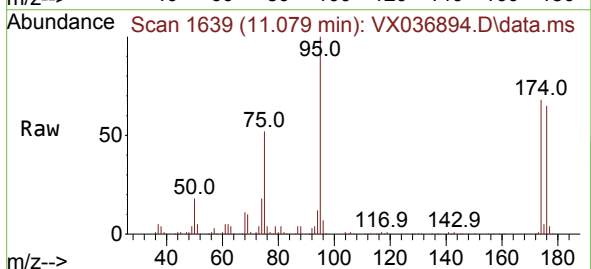
Instrument :
MSVOA_X
ClientSampleId :
IBLK

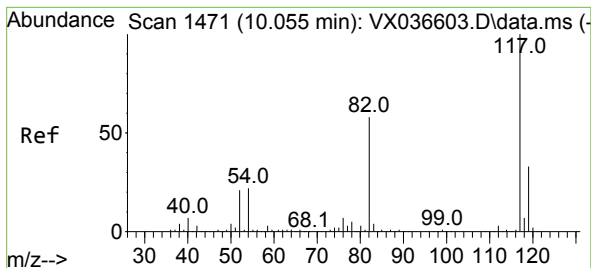
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 185.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

Tgt Ion: 95 Resp: 104460
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.7 0.0 131.0

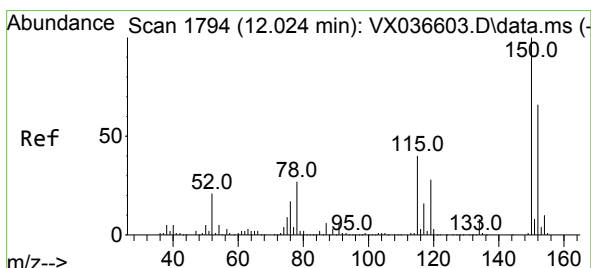
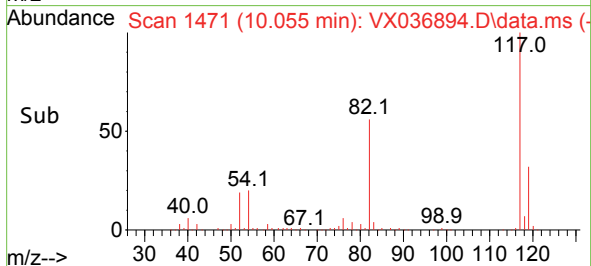
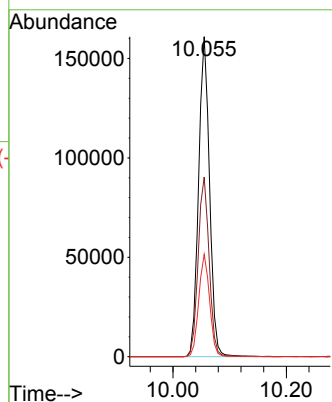
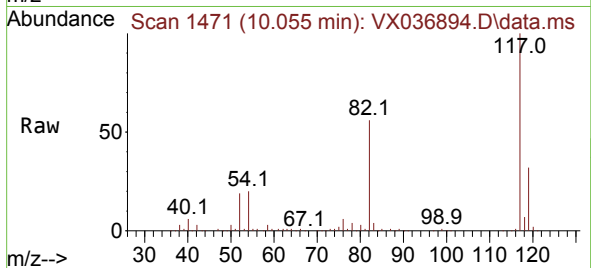




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

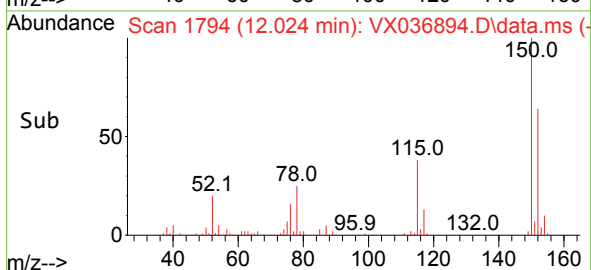
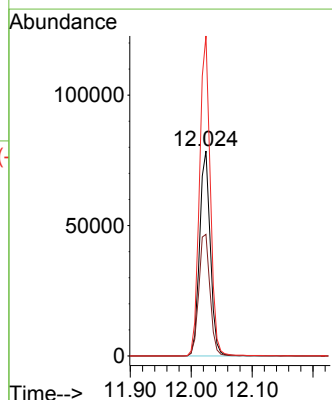
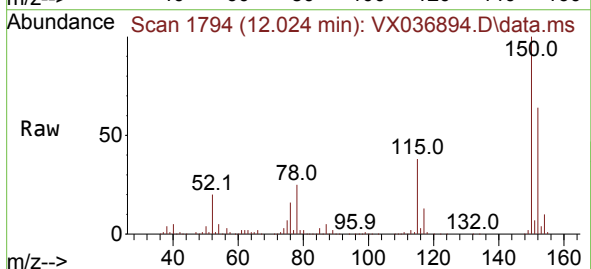
Instrument :
MSVOA_X
ClientSampleId :
IBLK

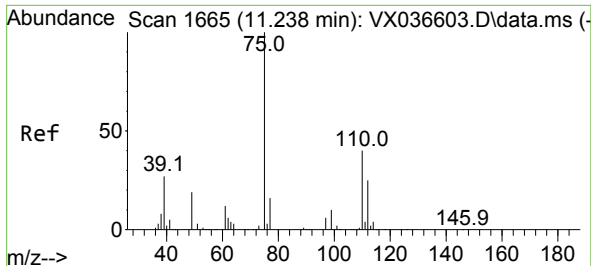
Tgt Ion:117 Resp: 215607
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

Tgt Ion:152 Resp: 96352
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 156.7 0.0 345.0

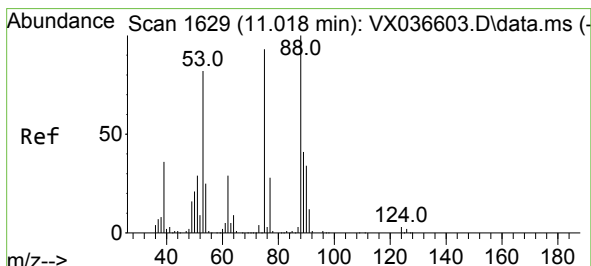
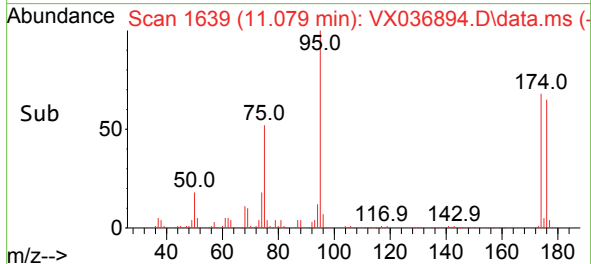
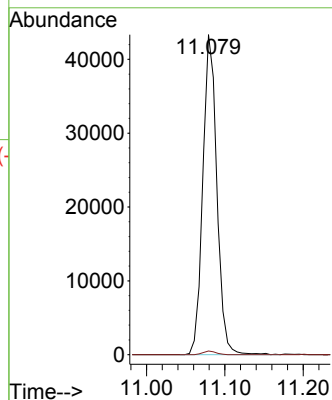
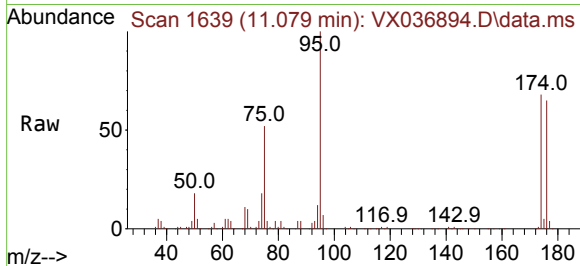




#76
1,2,3-Trichloropropane
Concen: 23.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 53898
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036894.D
Acq: 09 Aug 2023 17:57

Tgt Ion: 75 Resp: 53898
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

