

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036877.D
 Acq On : 08 Aug 2023 20:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 09 04:21:39 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

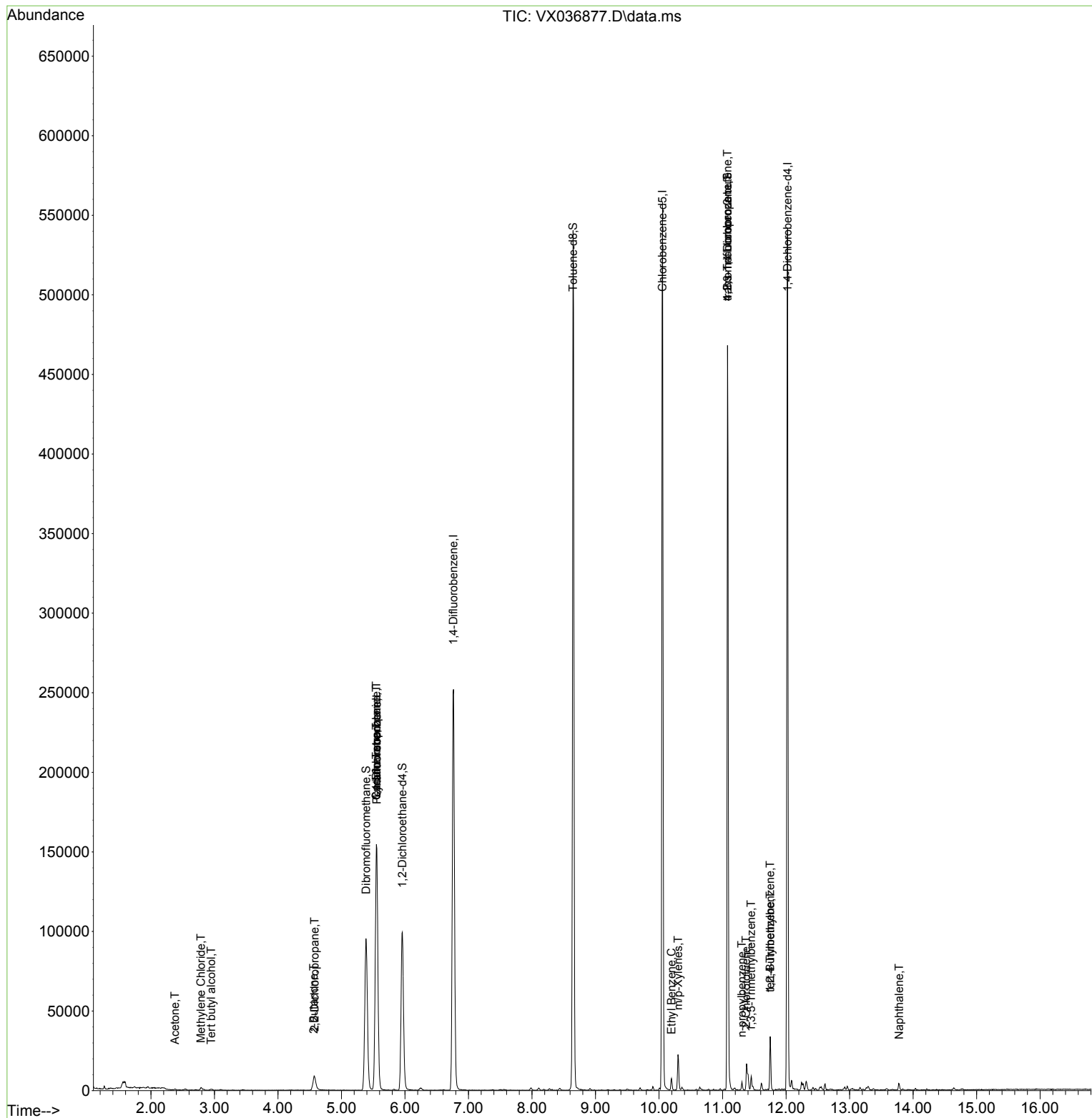
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	142365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99309	47.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.385	113	84225	46.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	316569	49.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	123207	50.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	533	1.069	ug/l #	78
16) Acetone	2.380	43	696	0.796	ug/l	95
20) Methylene Chloride	2.788	84	781	0.402	ug/l #	85
25) 2-Butanone	4.562	43	366	0.258	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	668	0.212	ug/l #	54
31) Cyclohexane	5.550	56	3023	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11791	4.346	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15223	5.278	ug/l #	15
67) Ethyl Benzene	10.195	91	4309	0.428	ug/l	98
68) m/p-Xylenes	10.299	106	5157	1.373	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	63941	23.966	ug/l #	38
78) n-propylbenzene	11.305	91	3337	0.307	ug/l	94
79) 2-Chlorotoluene	11.372	91	1773	0.270	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	3989	0.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	63941	54.320	ug/l #	5
83) tert-Butylbenzene	11.750	119	1604	0.208	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.750	105	14320	1.823	ug/l	97
95) Naphthalene	13.780	128	3576	0.436	ug/l	96

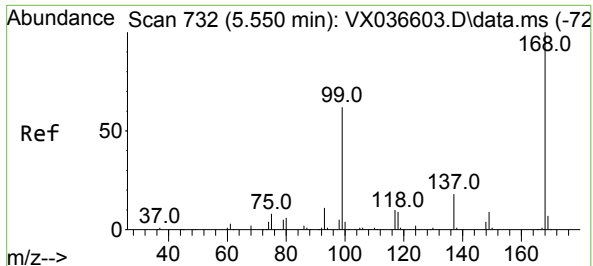
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 04:21:39 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

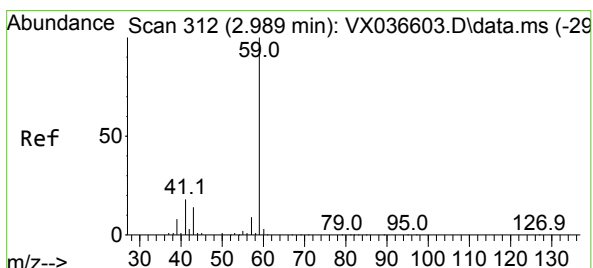
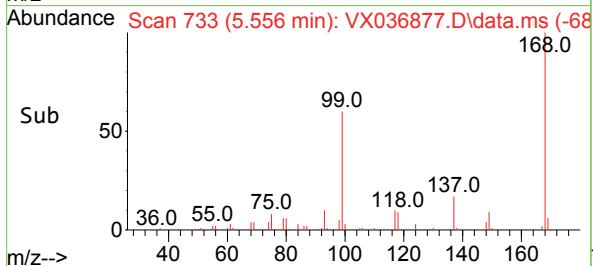
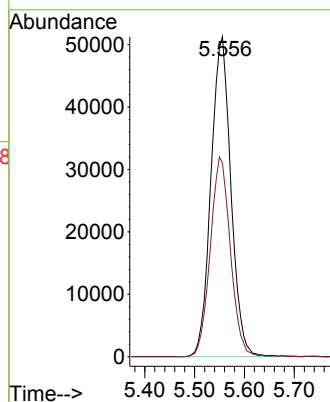
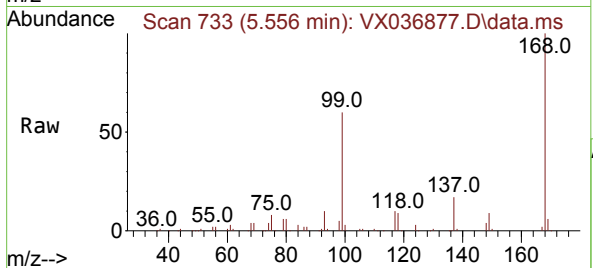




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

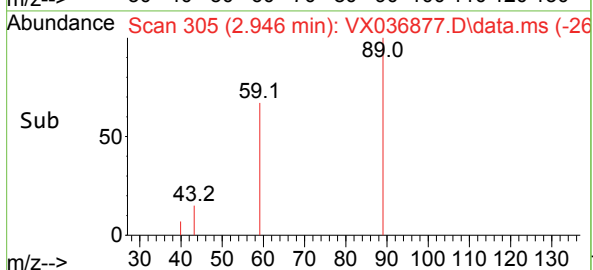
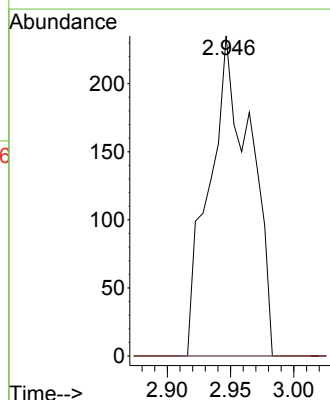
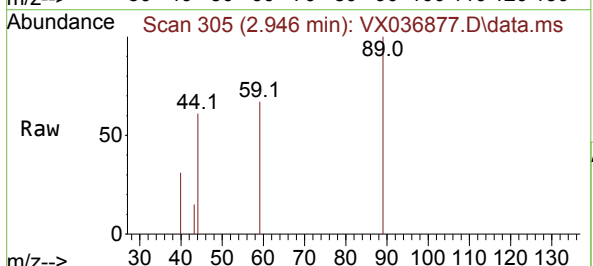
Instrument :
MSVOA_X
ClientSampleId :
IBLK

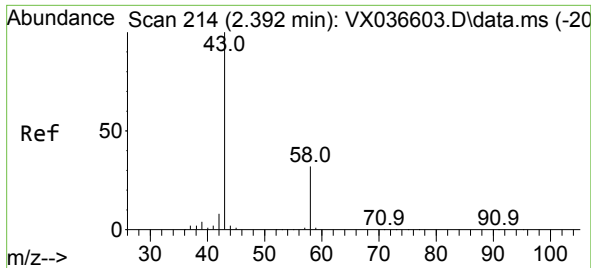
Tgt Ion:168 Resp: 142365
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.069 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 59 Resp: 533
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

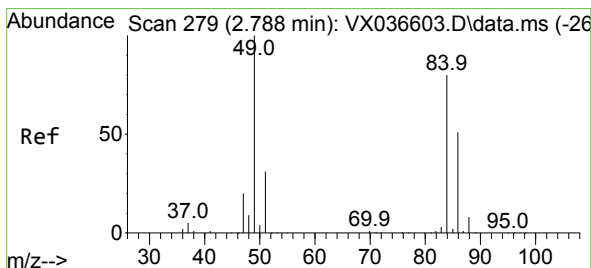
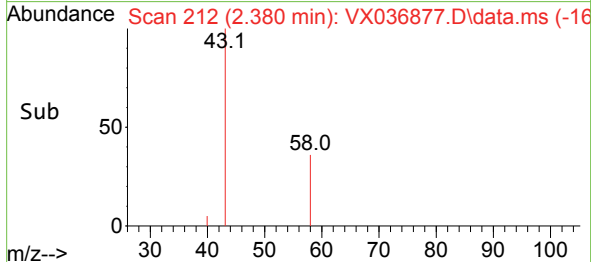
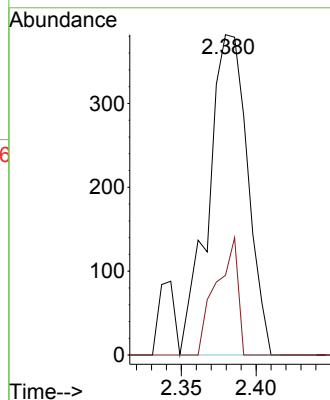
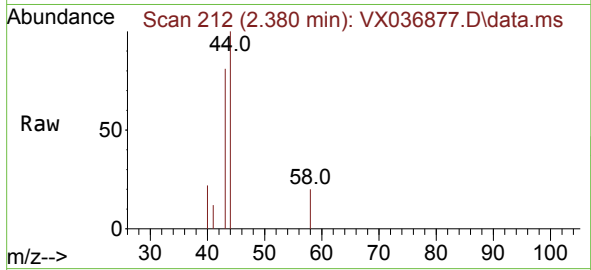




#16
Acetone
Concen: 0.796 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

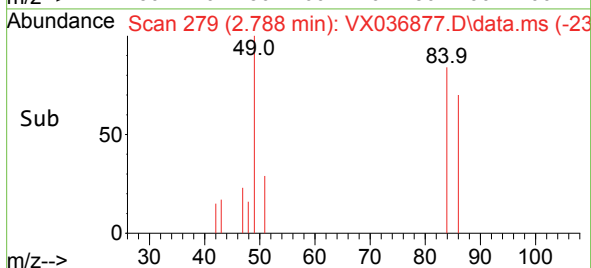
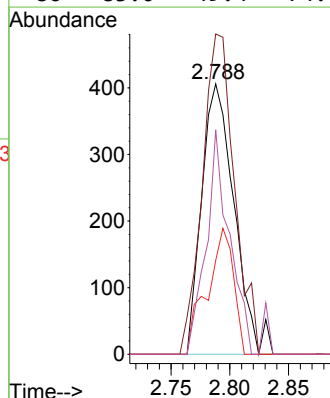
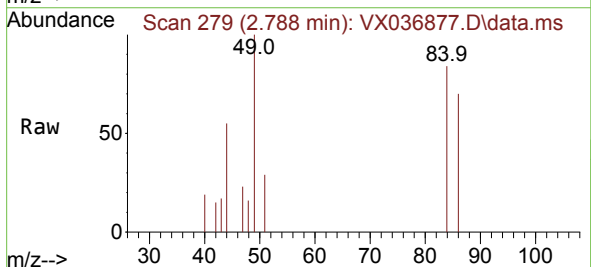
Instrument :
MSVOA_X
ClientSampleId :
IBLK

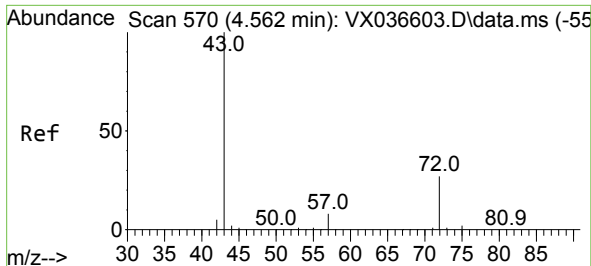
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
58 24.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 84 Resp: 781
Ion Ratio Lower Upper
84 100
49 118.5 103.6 155.4
51 34.7 33.8 50.6
86 83.0 49.4 74.0#

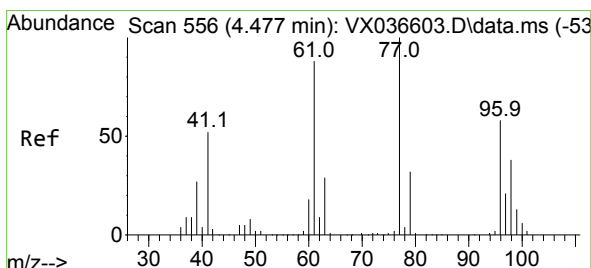
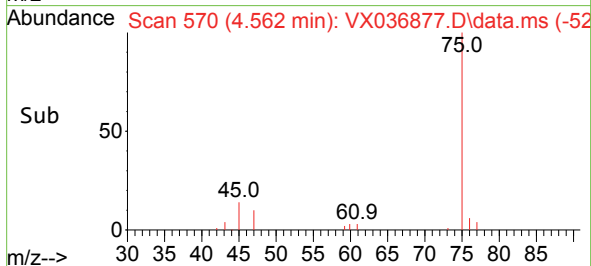
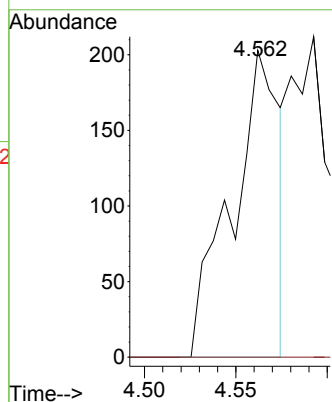
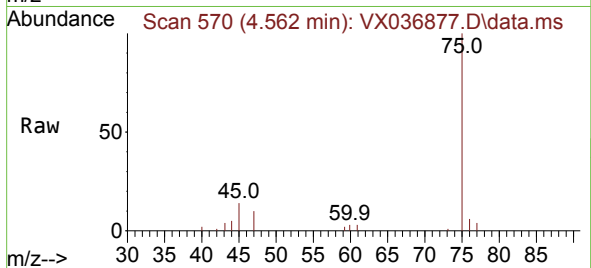




#25
2-Butanone
Concen: 0.258 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

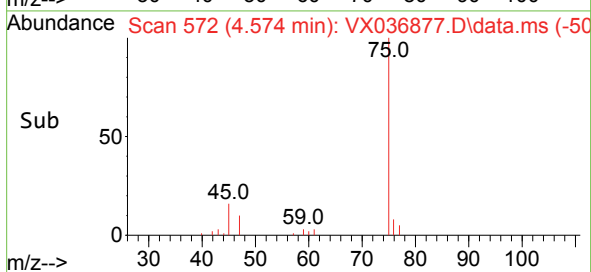
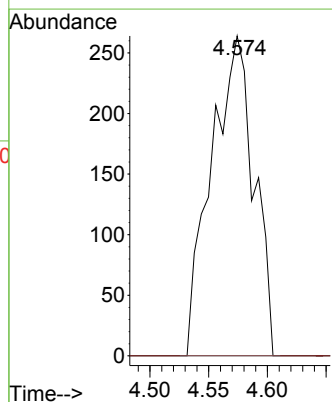
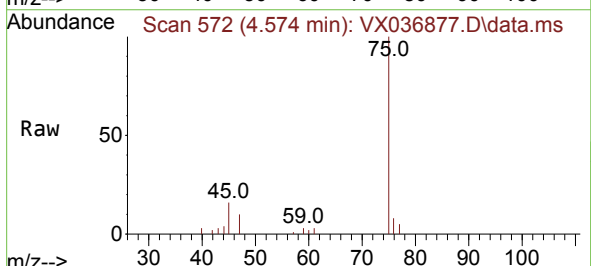
Instrument :
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IBLK

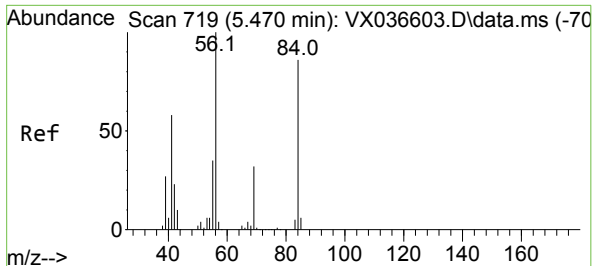
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.212 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

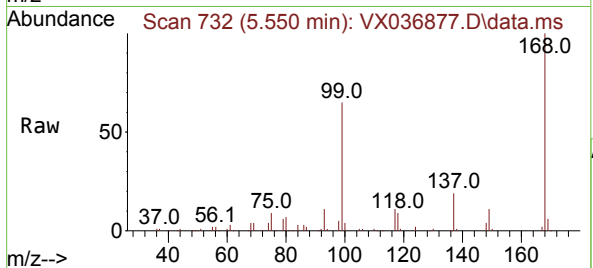
Tgt Ion: 77 Resp: 668
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



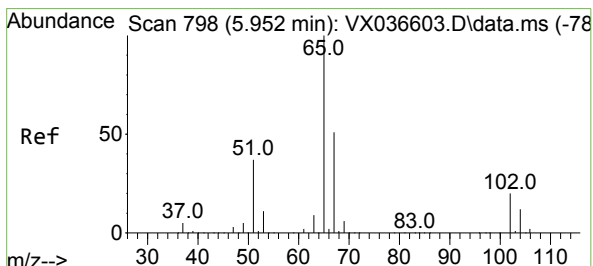
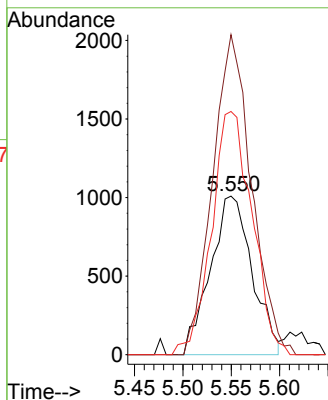
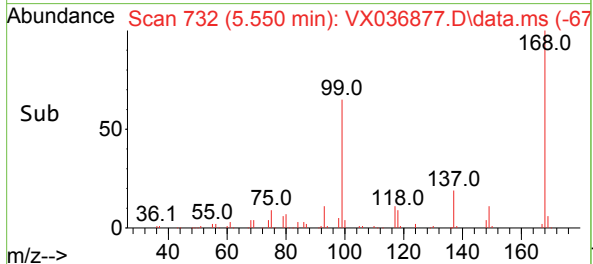


#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

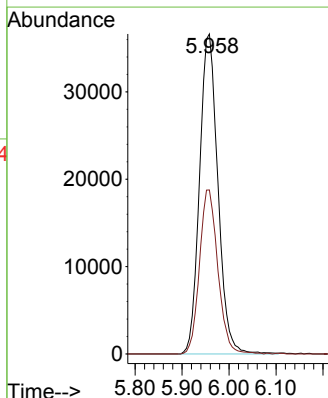
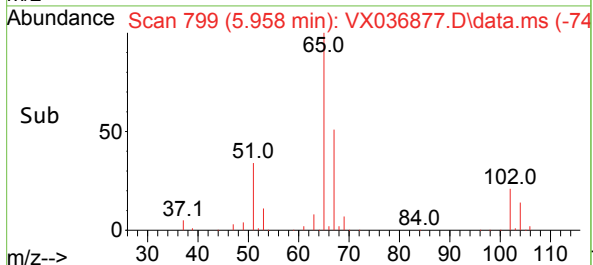
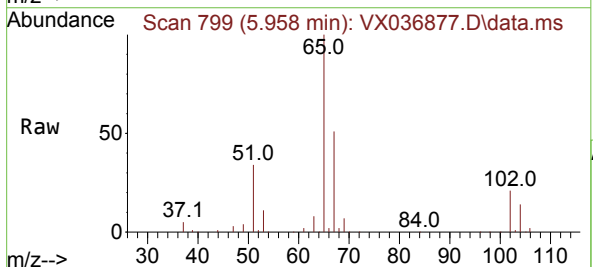


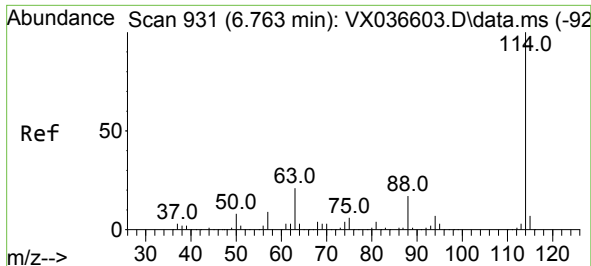
Tgt Ion: 56 Resp: 3023
Ion Ratio Lower Upper
56 100
69 201.9 23.4 35.2#
84 147.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 65 Resp: 99309
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

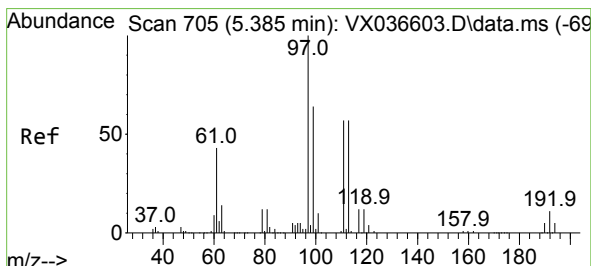
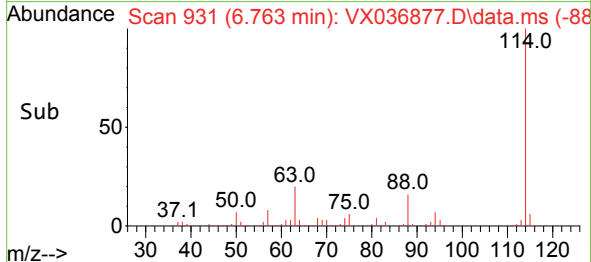
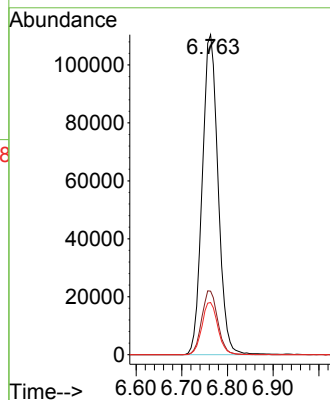
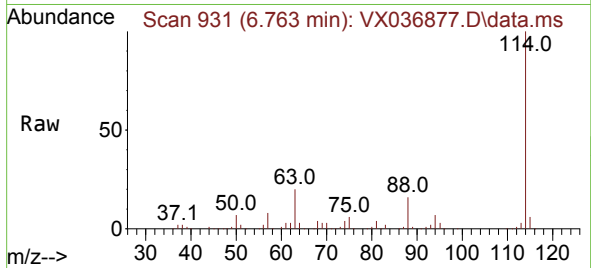




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

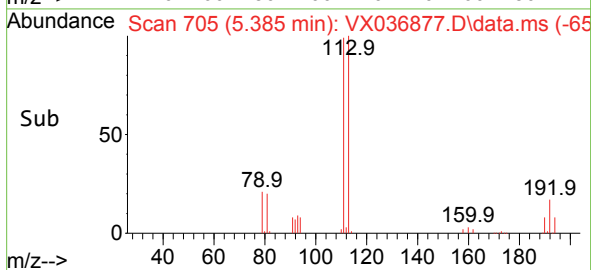
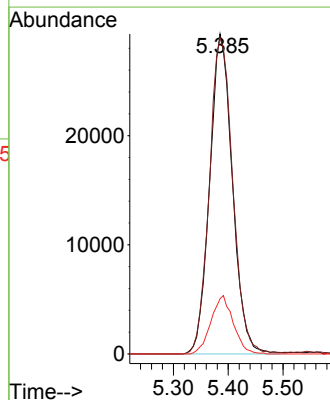
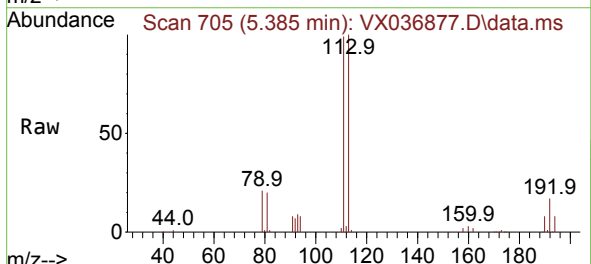
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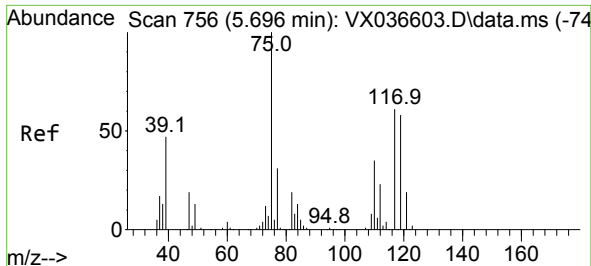
Tgt Ion:114 Resp: 264811
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion:113 Resp: 84225
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.9 13.3 19.9

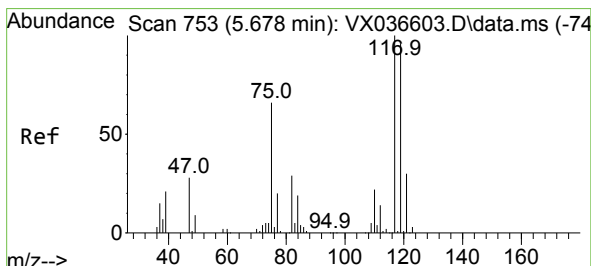
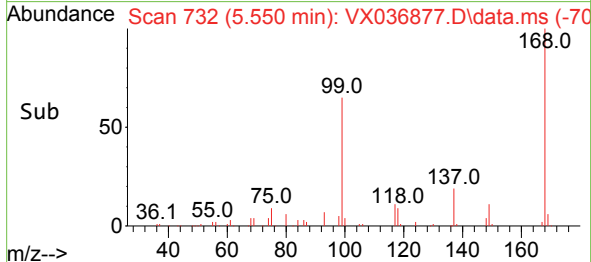
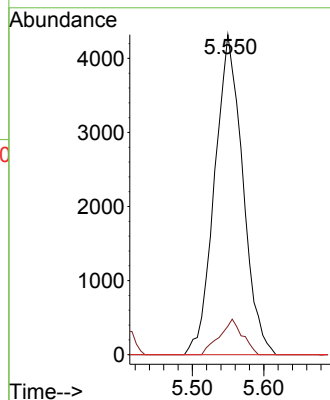
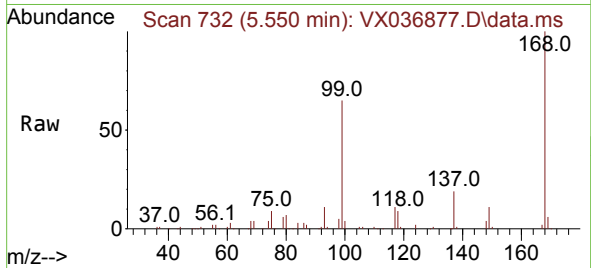




#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

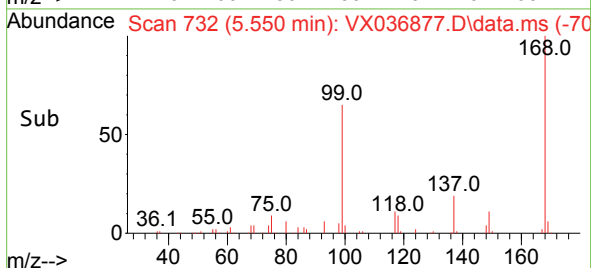
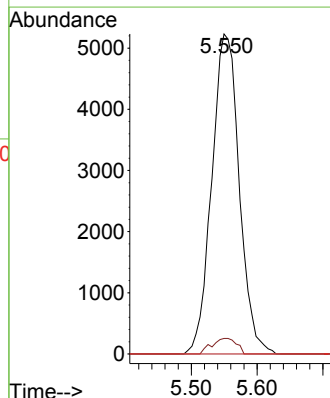
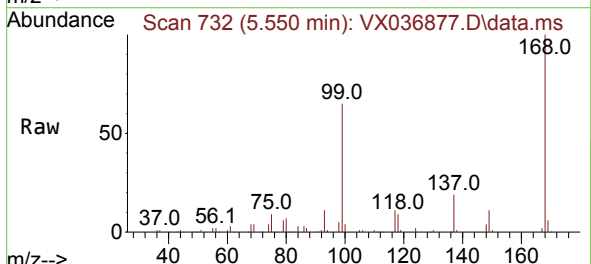
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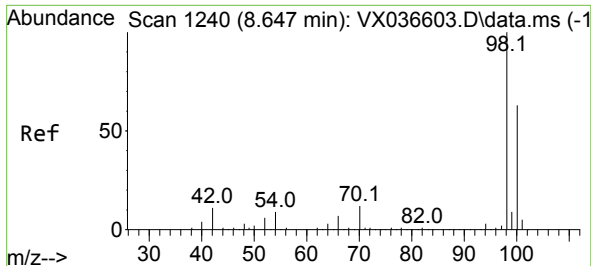
Tgt Ion: 75 Resp: 11791
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 117 Resp: 15223
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

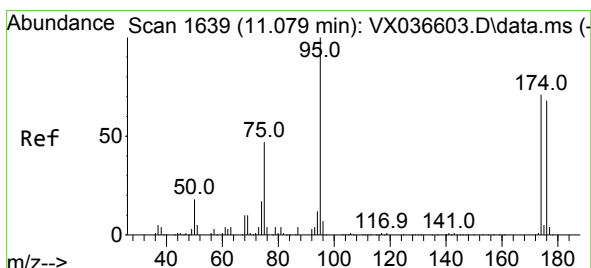
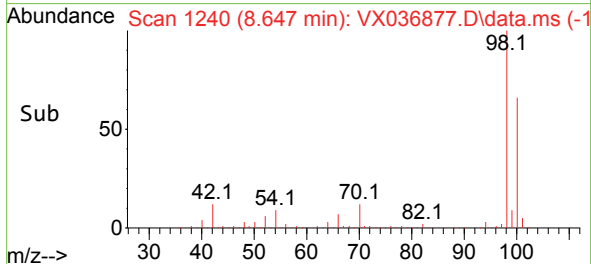
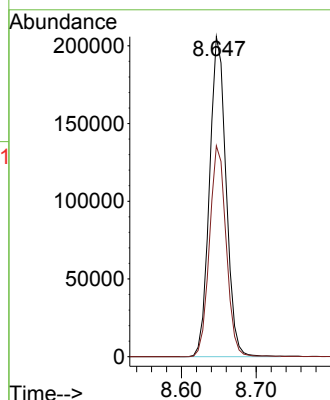
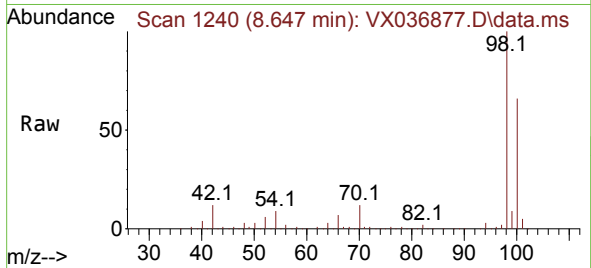




#50
Toluene-d8
Concen: 49.045 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

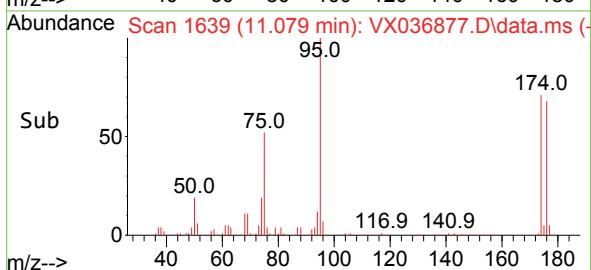
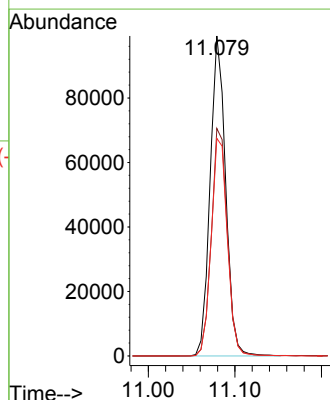
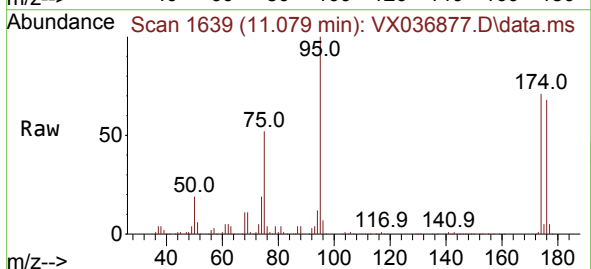
Instrument :
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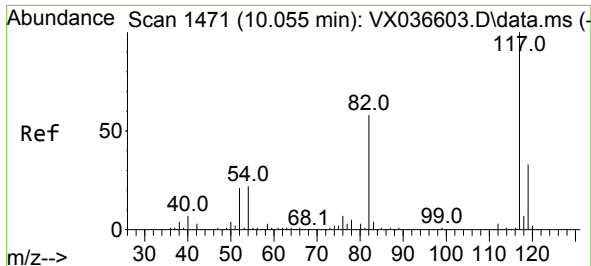
Tgt Ion: 98 Resp: 316569
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 95 Resp: 123207
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.1 0.0 131.0

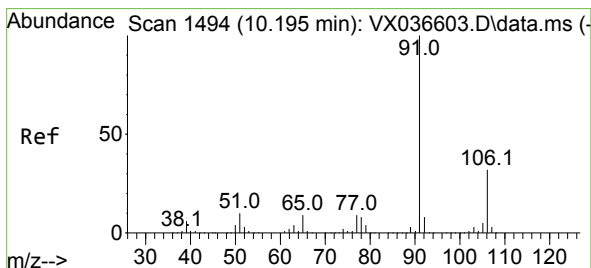
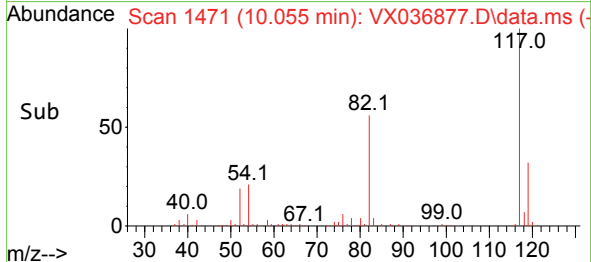
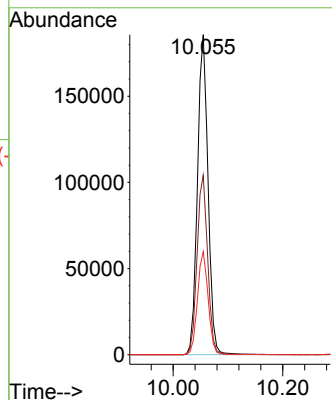
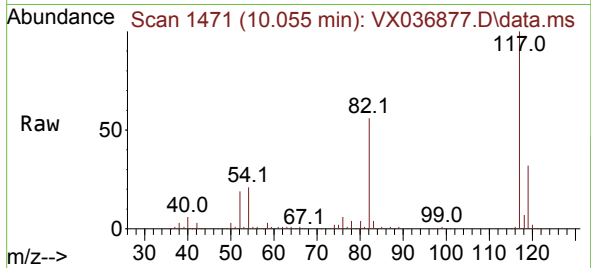




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

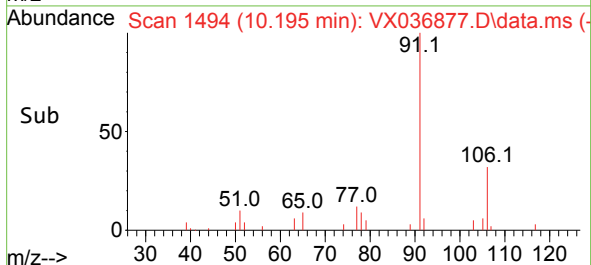
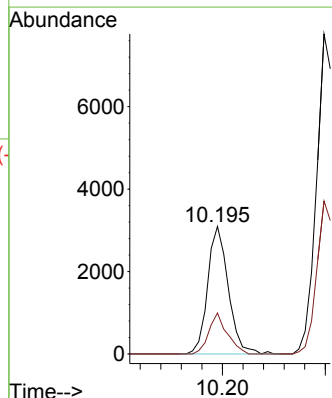
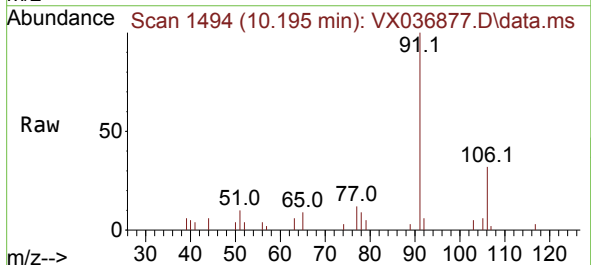
Instrument :
MSVOA_X
ClientSampleId :
IBLK

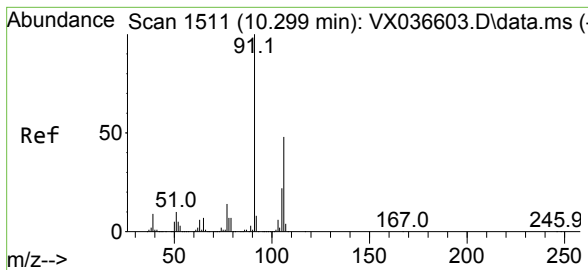
Tgt Ion:117 Resp: 250034
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.428 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 91 Resp: 4309
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

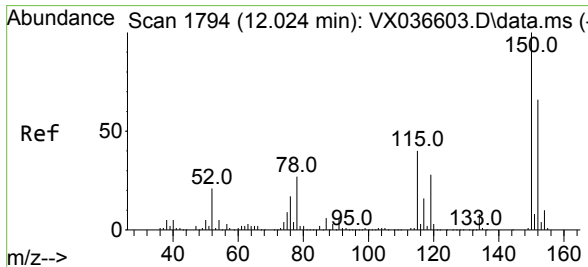
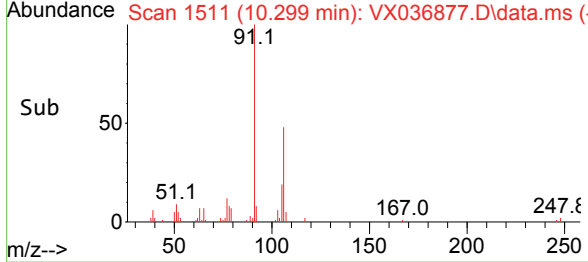
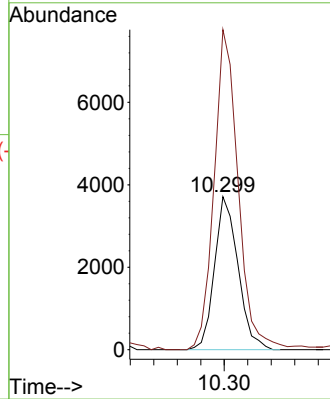
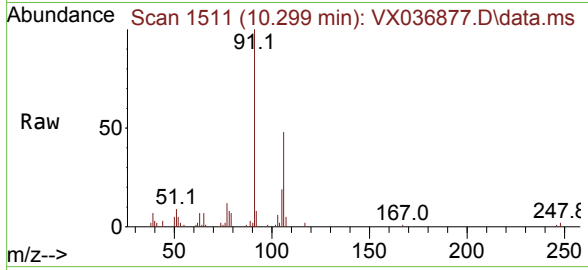




#68
m/p-Xylenes
Concen: 1.373 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

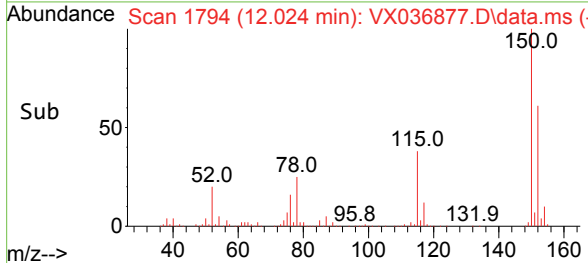
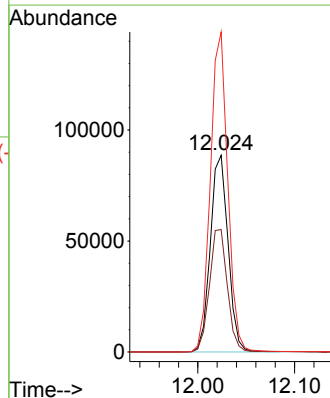
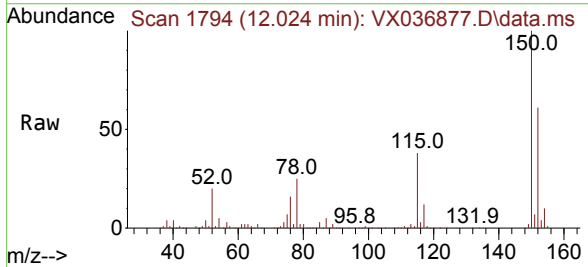
Instrument :
MSVOA_X
ClientSampleId :
IBLK

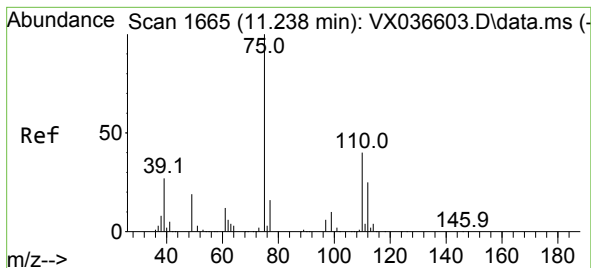
Tgt Ion:106 Resp: 5157
Ion Ratio Lower Upper
106 100
91 216.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion:152 Resp: 113431
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 158.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.966 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036877.D

Acq: 08 Aug 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

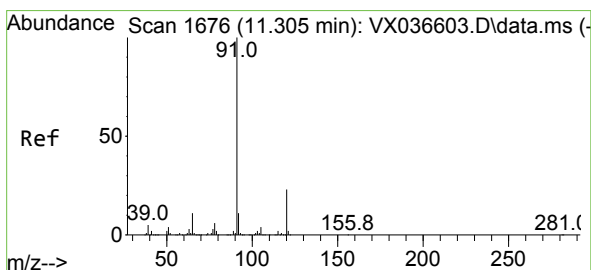
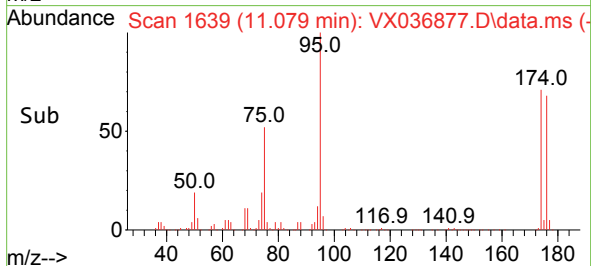
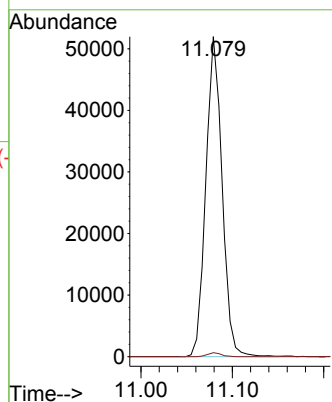
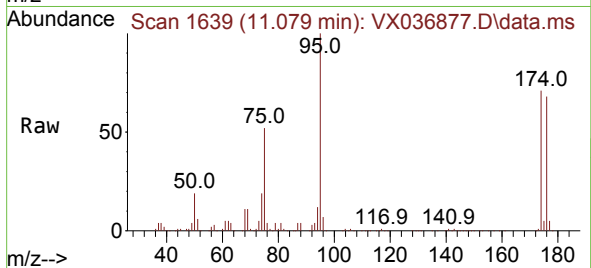
IBLK

Tgt Ion: 75 Resp: 63941

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#78

n-propylbenzene

Concen: 0.307 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036877.D

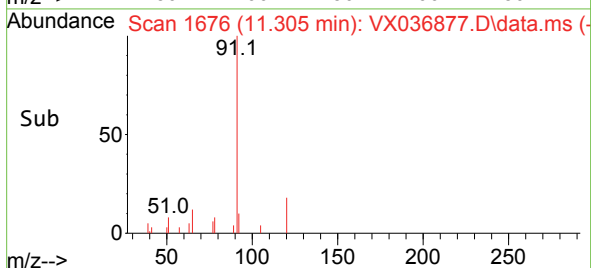
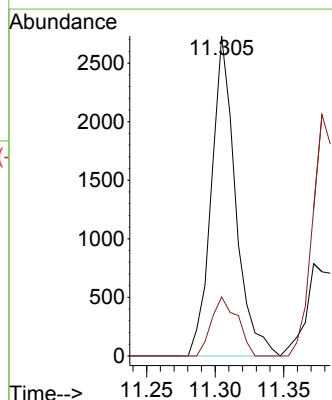
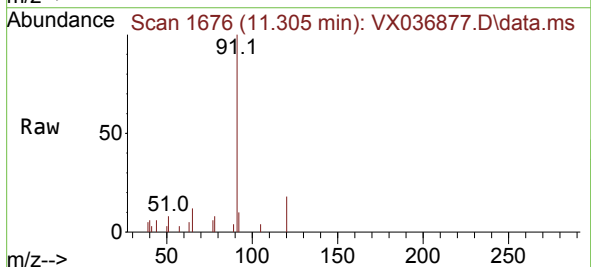
Acq: 08 Aug 2023 20:26

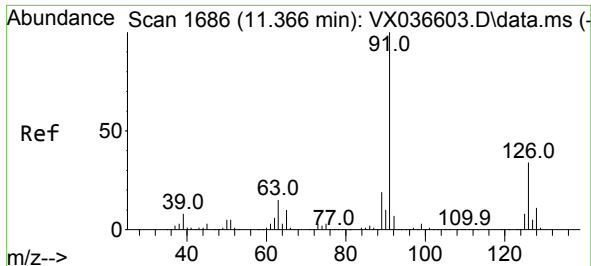
Tgt Ion: 91 Resp: 3337

Ion Ratio Lower Upper

91 100

120 19.8 11.5 34.4

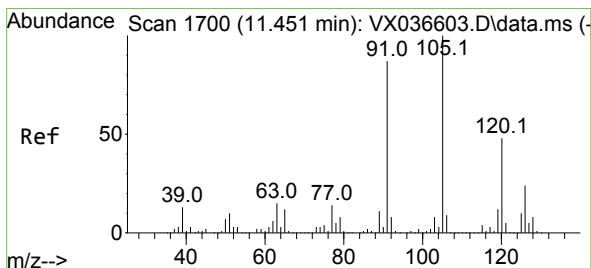
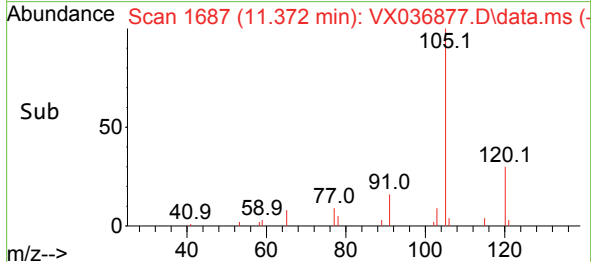
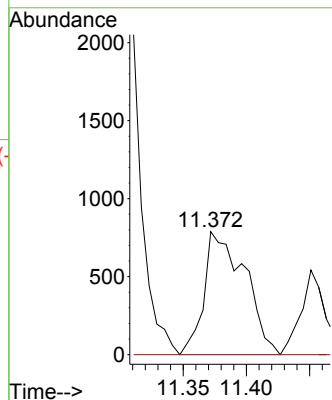
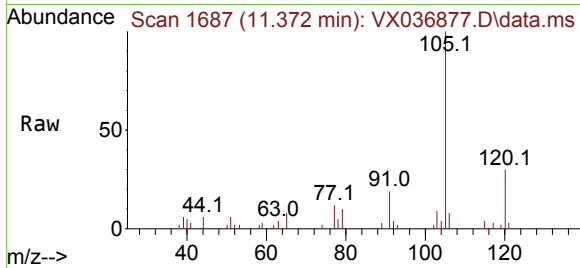




#79
2-Chlorotoluene
Concen: 0.270 ug/l
RT: 11.372 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

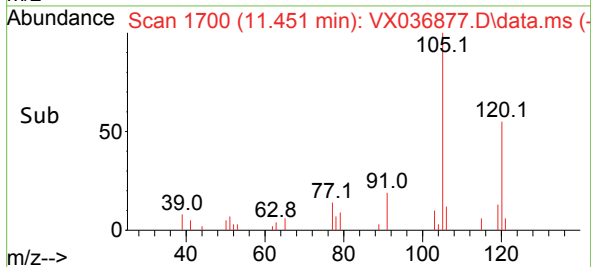
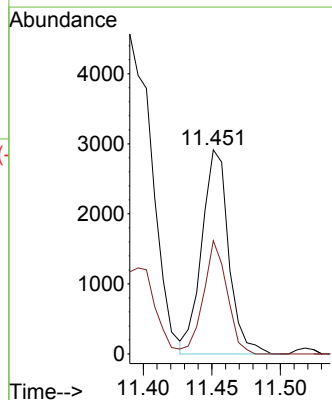
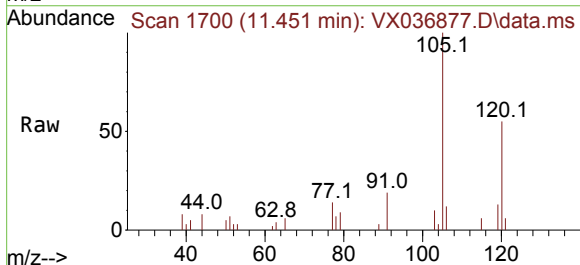
Instrument :
MSVOA_X
ClientSampleId :
IBLK

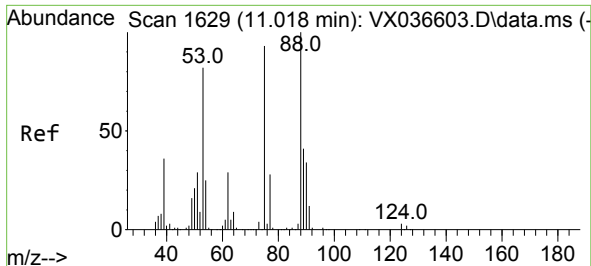
Tgt Ion: 91 Resp: 1773
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.508 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 105 Resp: 3989
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

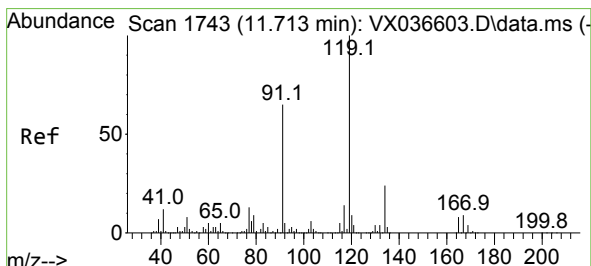
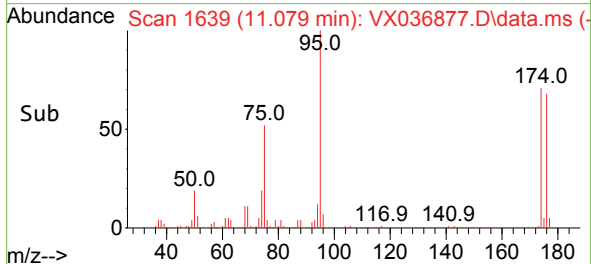
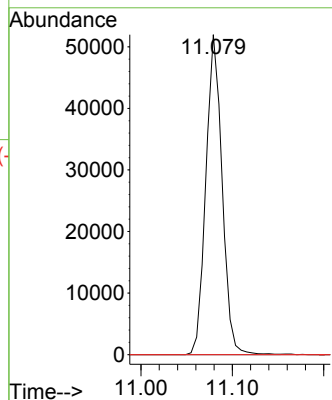
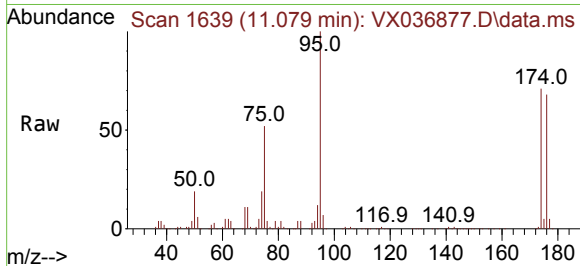




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.320 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX036877.D
 Acq: 08 Aug 2023 20:26

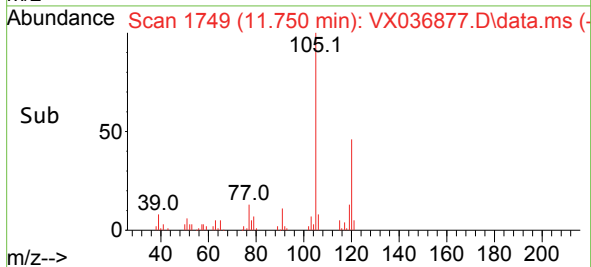
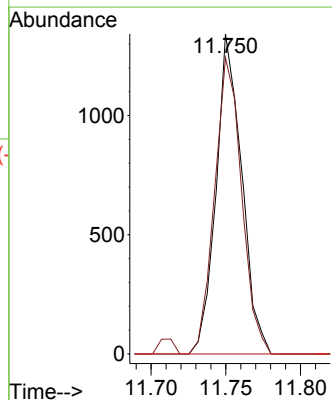
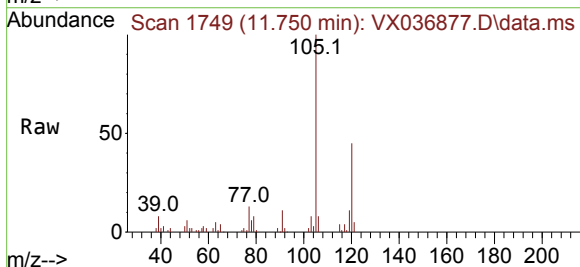
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

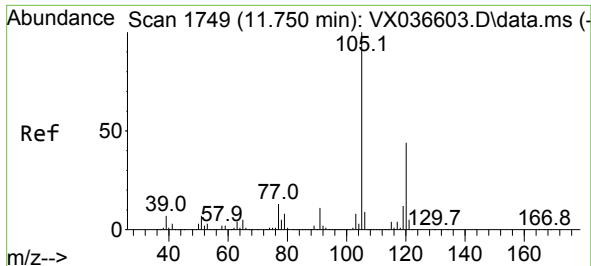
Tgt Ion: 75 Resp: 63941
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#83
 tert-Butylbenzene
 Concen: 0.208 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.037 min
 Lab File: VX036877.D
 Acq: 08 Aug 2023 20:26

Tgt Ion: 119 Resp: 1604
 Ion Ratio Lower Upper
 119 100
 91 97.3 31.2 93.6#
 134 0.0 11.7 35.0#

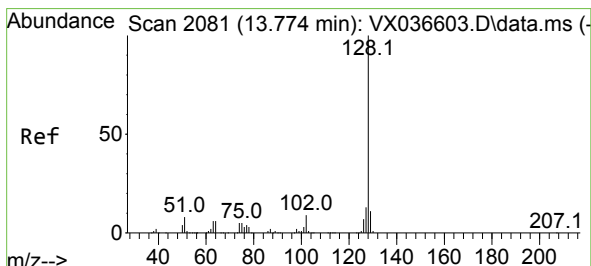
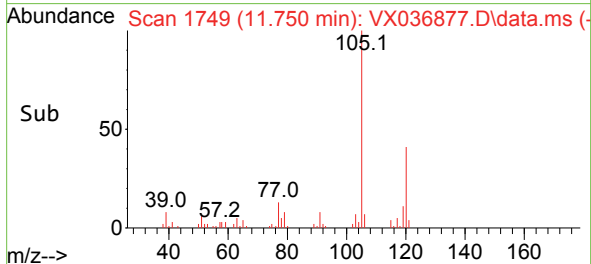
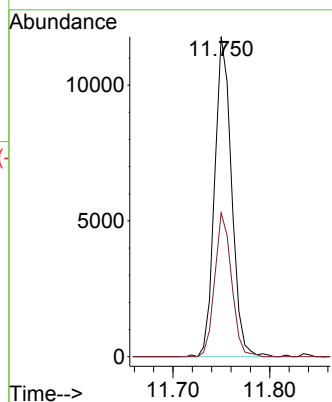
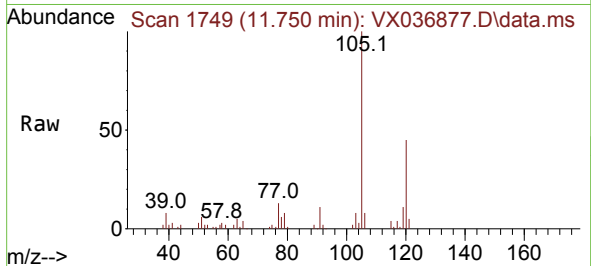




#84
1,2,4-Trimethylbenzene
Concen: 1.823 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 14320
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6



#95
Naphthalene
Concen: 0.436 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion:128 Resp: 3576
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 9.7 8.8 13.2

