

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036780.D
 Acq On : 02 Aug 2023 19:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 03 07:30:59 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)

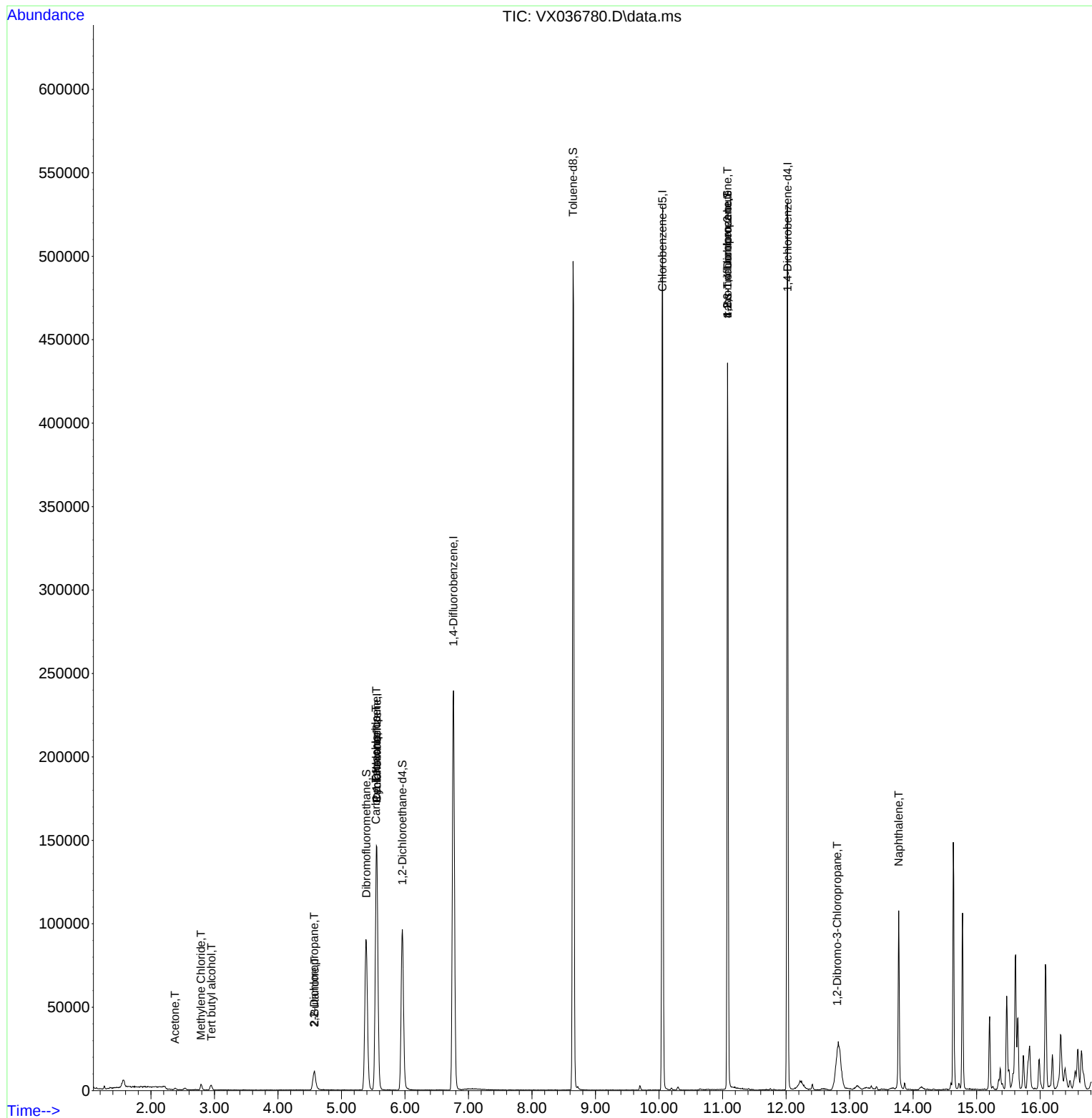
Internal Standards						
1) Pentafluorobenzene	5.556	168	136152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94093	46.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.420%
35) Dibromofluoromethane	5.391	113	79098	46.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	295034	48.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	116483	50.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1953	4.095	ug/l #	78
16) Acetone	2.380	43	1169	1.398	ug/l	100
20) Methylene Chloride	2.788	84	1734	0.933	ug/l	96
25) 2-Butanone	4.574	43	948	0.699	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	949	0.315	ug/l #	54
31) Cyclohexane	5.556	56	3119	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11292	4.432	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14824	5.473	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	60064	22.885	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60064	51.869	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	12.805	75	1194	1.647	ug/l #	9
95) Naphthalene	13.774	128	70798	8.773	ug/l	100

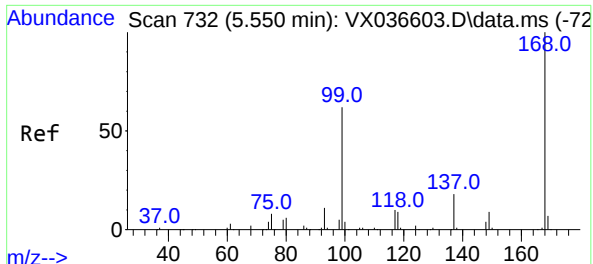
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 03 07:30:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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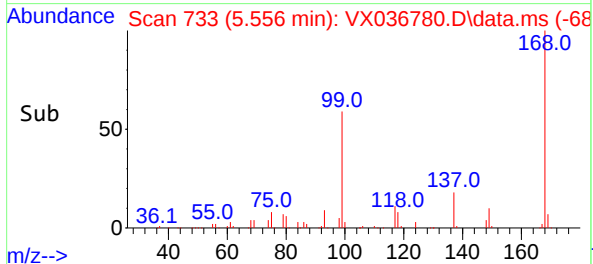
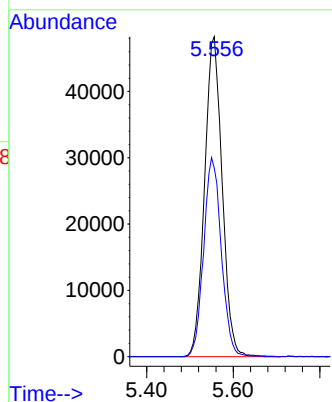
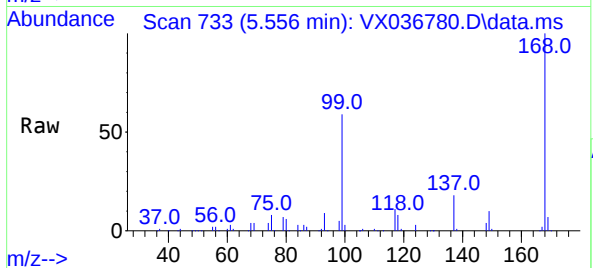




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

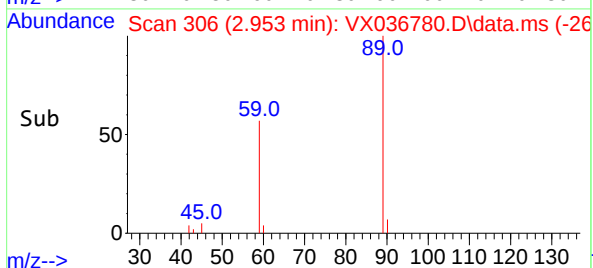
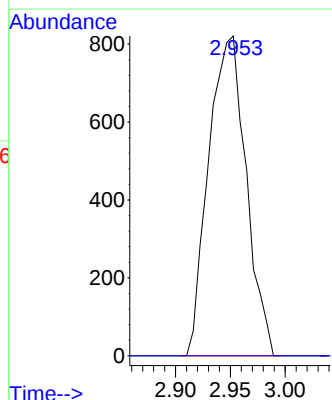
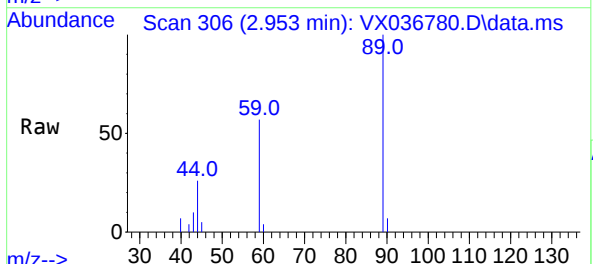
Instrument :
MSVOA_X
ClientSampleId :
IBLK

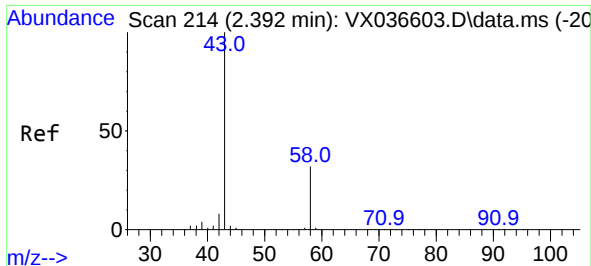
Tgt Ion:168 Resp: 136152
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.095 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 59 Resp: 1953
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

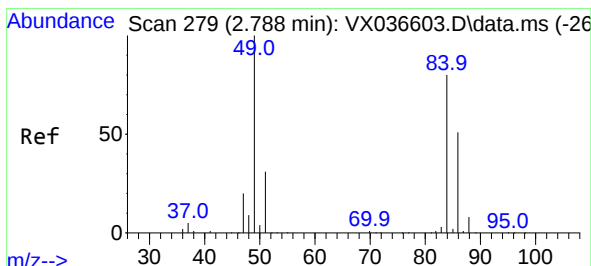
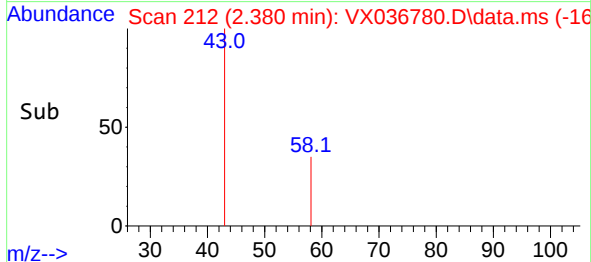
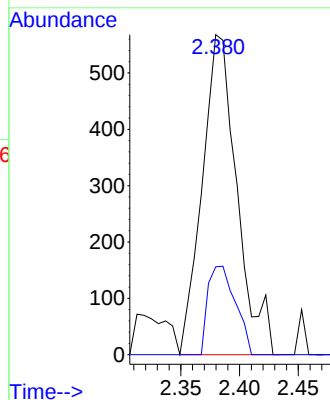
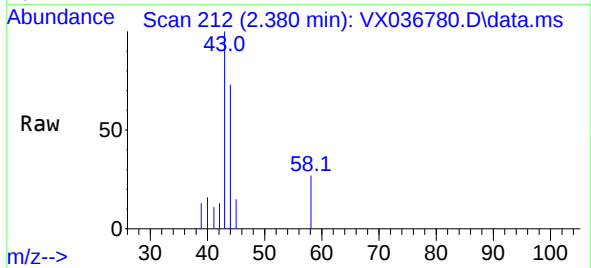




#16
Acetone
Concen: 1.398 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

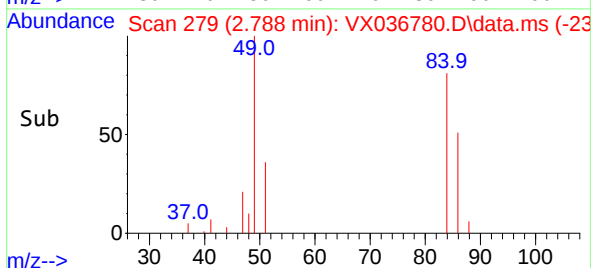
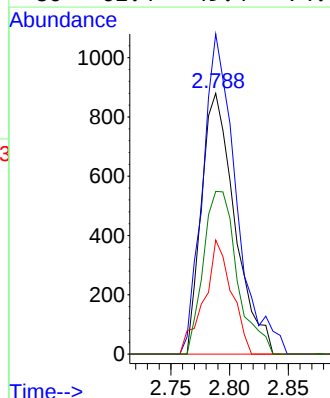
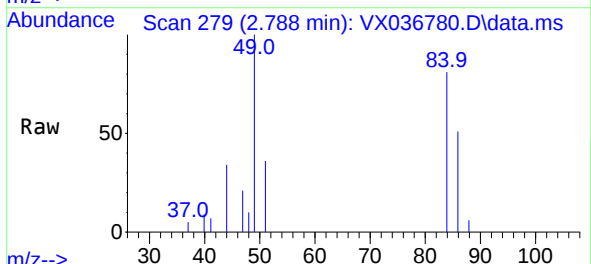
Instrument :
MSVOA_X
ClientSampleId :
IBLK

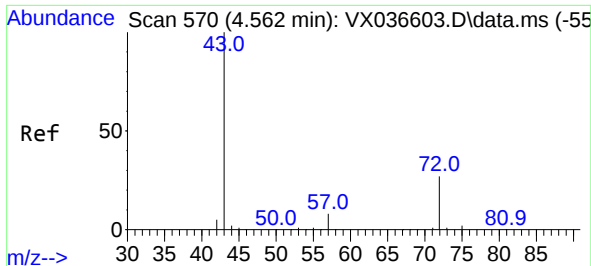
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.933 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 84 Resp: 1734
Ion Ratio Lower Upper
84 100
49 122.7 103.6 155.4
51 43.8 33.8 50.6
86 62.4 49.4 74.0





#25

2-Butanone

Concen: 0.699 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX036780.D

Acq: 02 Aug 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

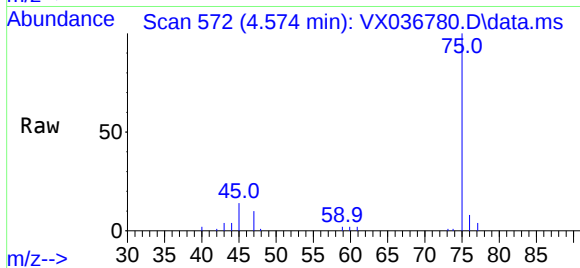
IBLK

Tgt Ion: 43 Resp: 948

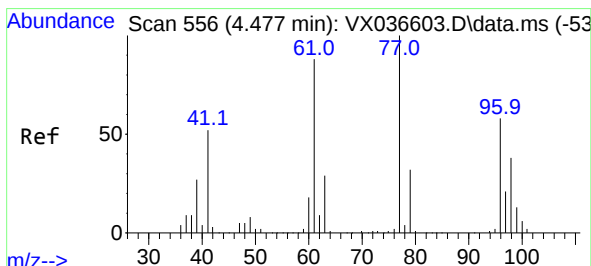
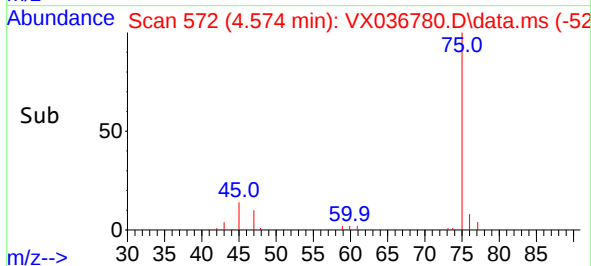
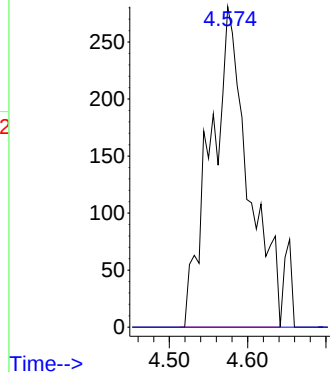
Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



Abundance



#26

2,2-Dichloropropane

Concen: 0.315 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.092 min

Lab File: VX036780.D

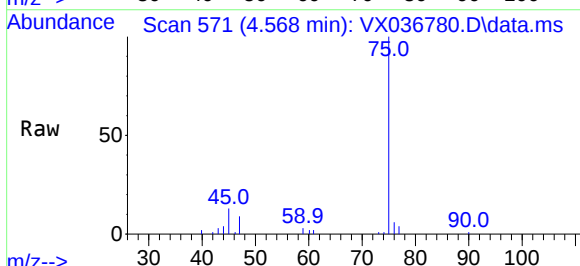
Acq: 02 Aug 2023 19:05

Tgt Ion: 77 Resp: 949

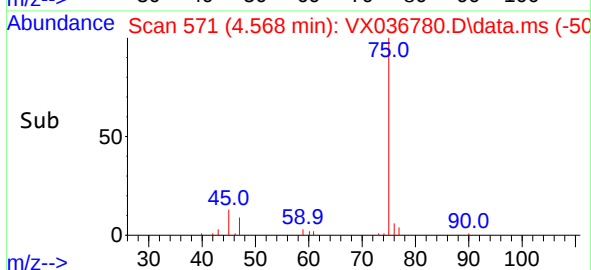
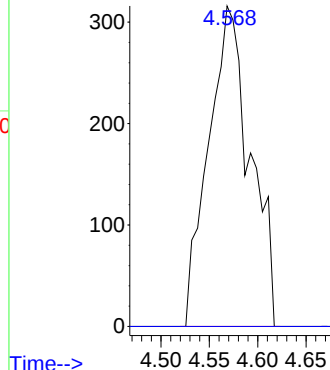
Ion Ratio Lower Upper

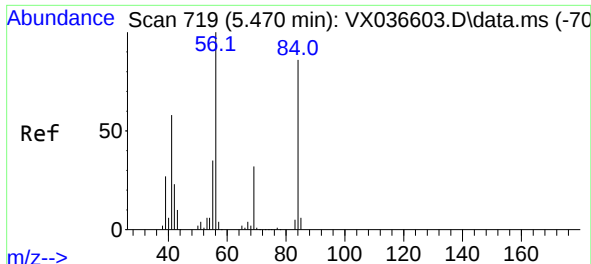
77 100

97 0.0 10.8 32.3#



Abundance

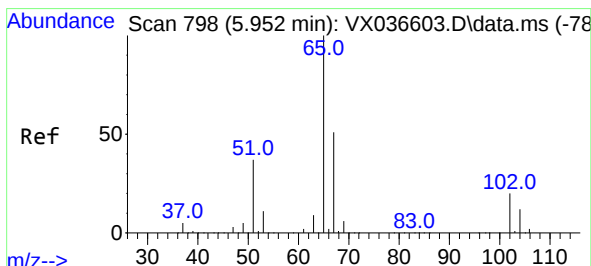
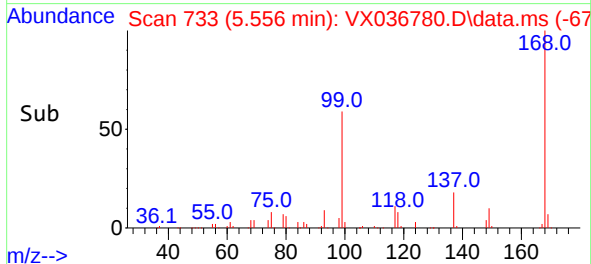
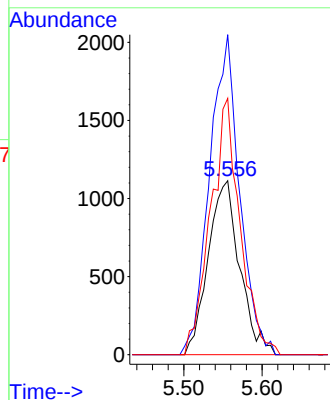
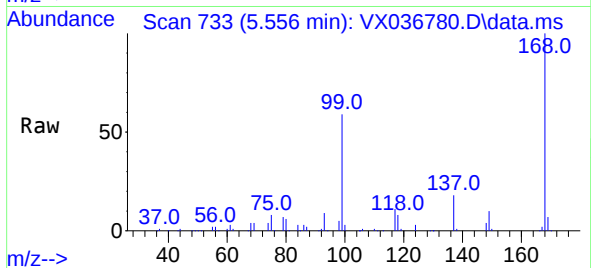




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

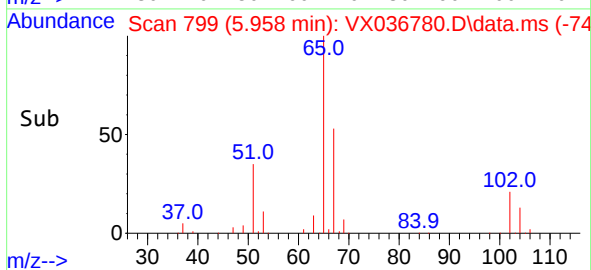
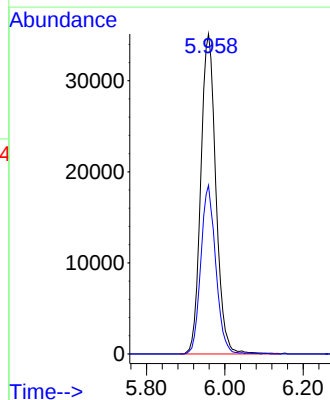
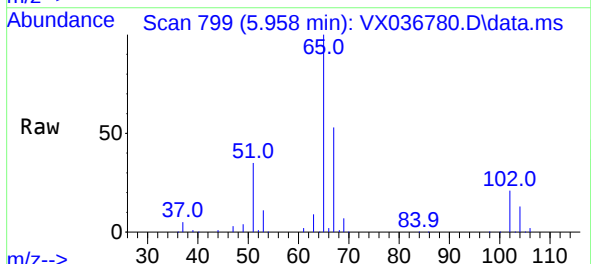
Instrument :
MSVOA_X
ClientSampleId :
IBLK

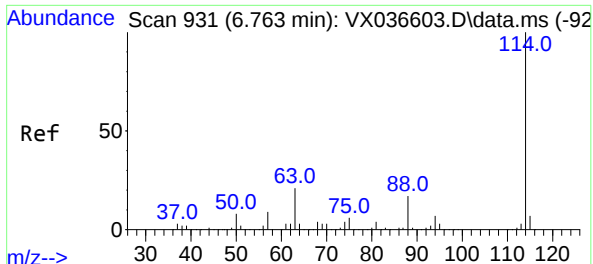
Tgt Ion: 56 Resp: 3119
Ion Ratio Lower Upper
56 100
69 183.9 23.4 35.2#
84 154.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.706 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 65 Resp: 94093
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

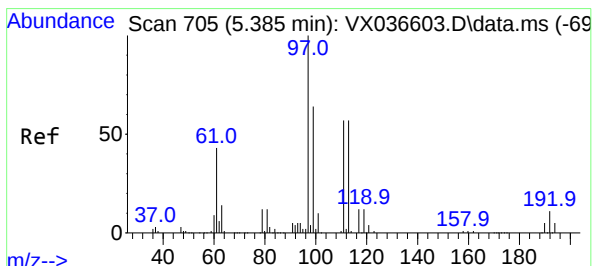
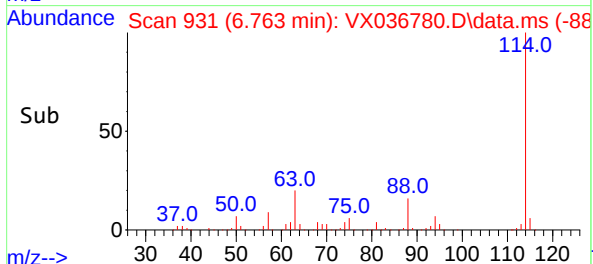
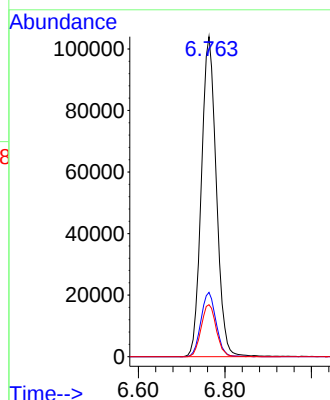
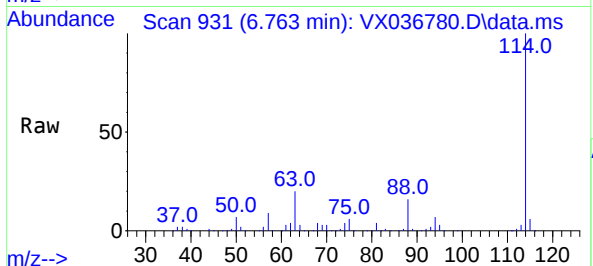




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

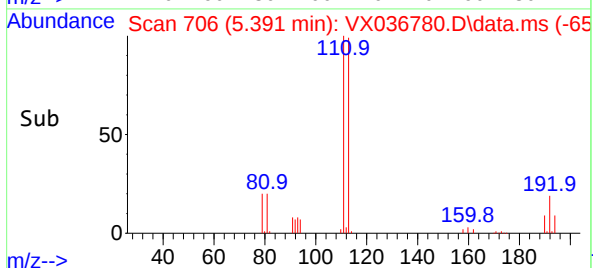
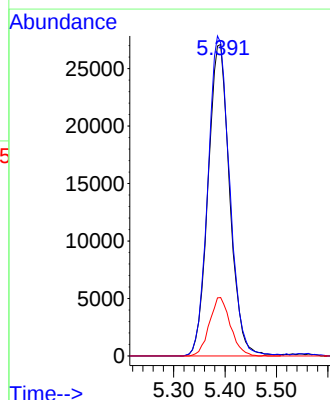
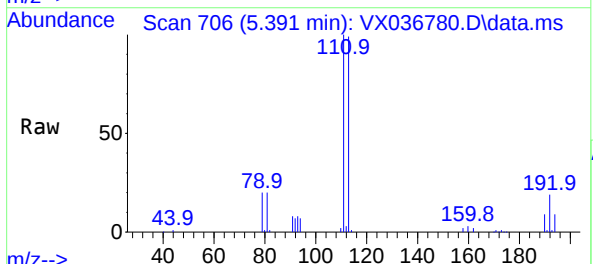
Instrument :
MSVOA_X
ClientSampleId :
IBLK

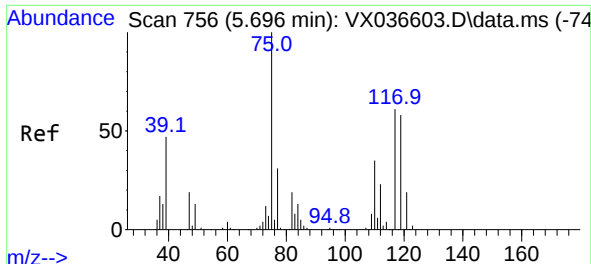
Tgt Ion:114 Resp: 248695
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion:113 Resp: 79098
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.2 13.3 19.9

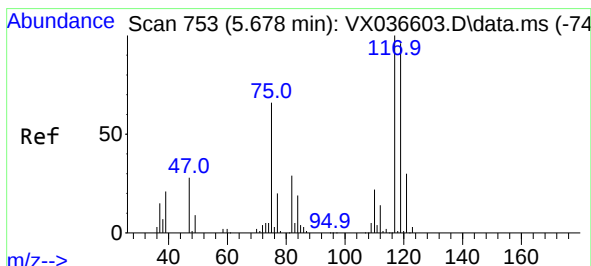
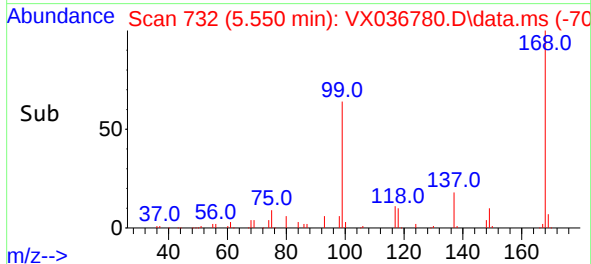
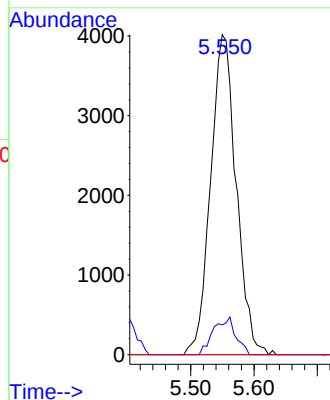
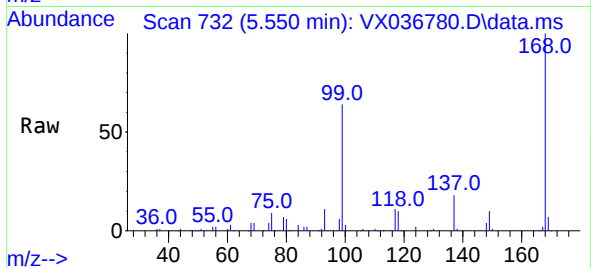




#36
1,1-Dichloropropene
Concen: 4.432 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

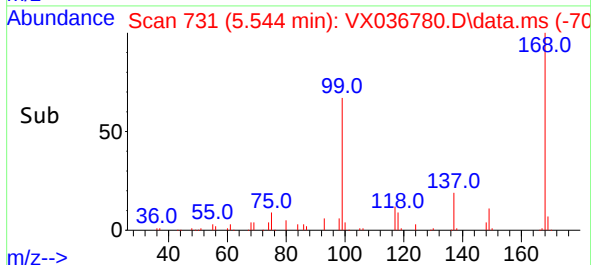
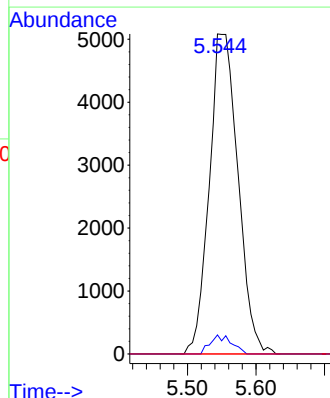
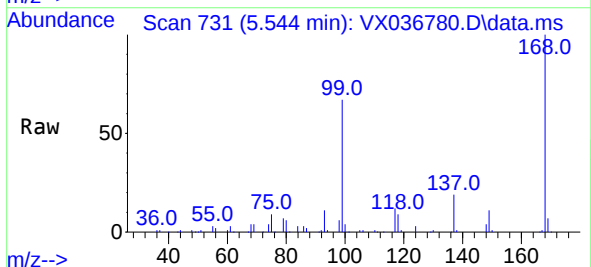
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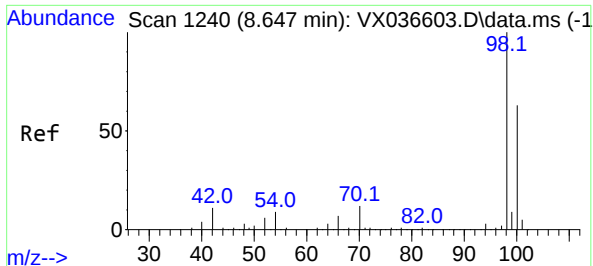
Tgt Ion: 75 Resp: 11292
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.473 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 117 Resp: 14824
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

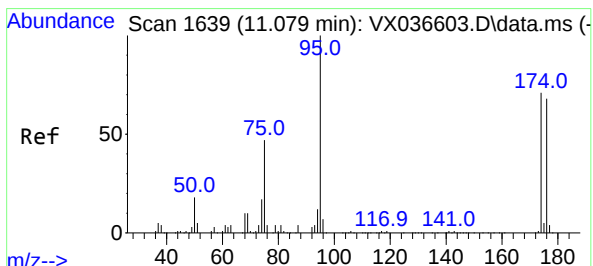
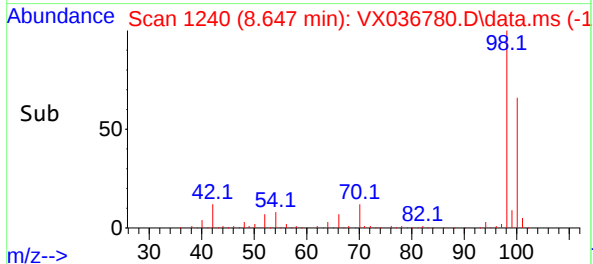
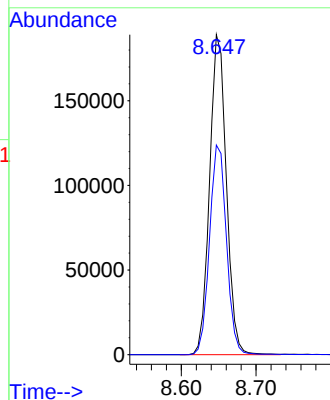
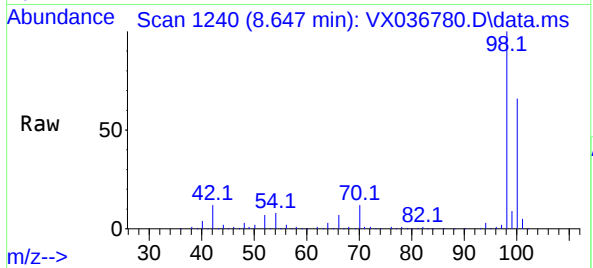




#50
Toluene-d8
Concen: 48.670 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

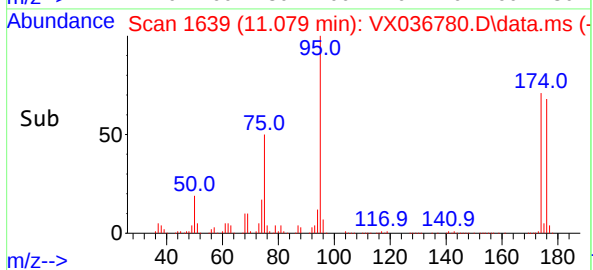
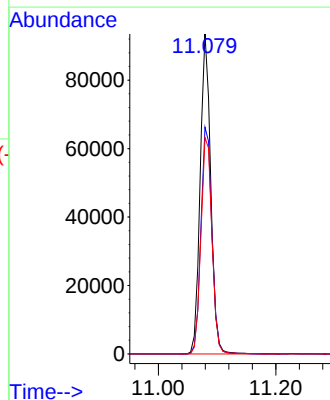
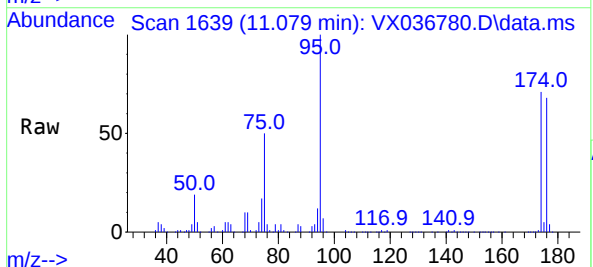
Instrument :
MSVOA_X
ClientSampleId :
IBLK

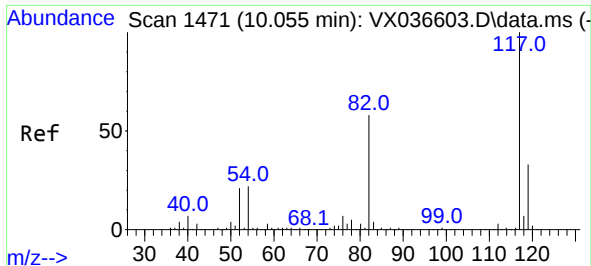
Tgt Ion: 98 Resp: 295034
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 95 Resp: 116483
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.9 0.0 131.0

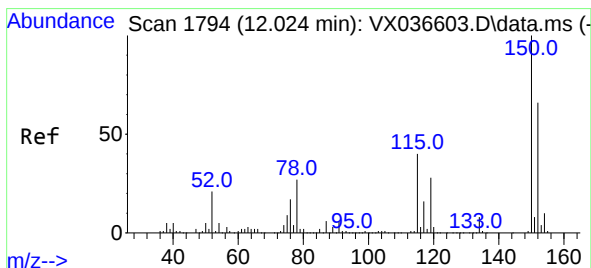
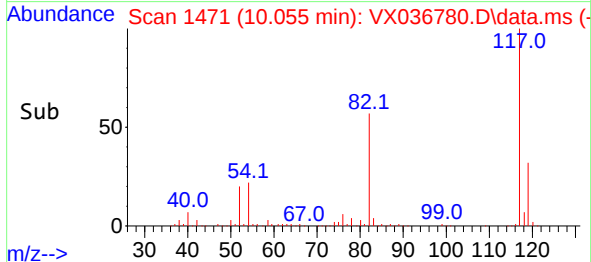
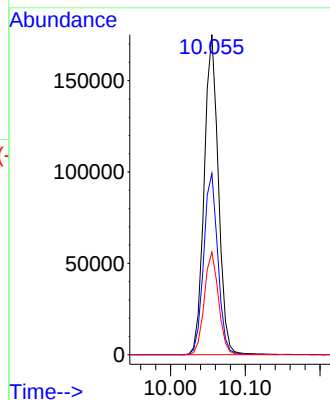
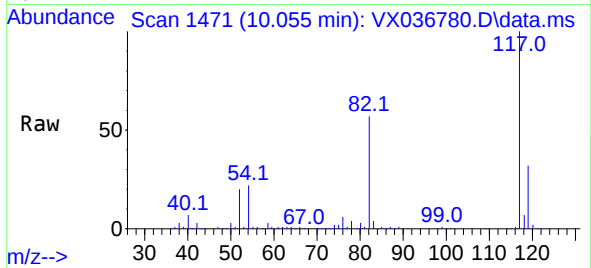




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

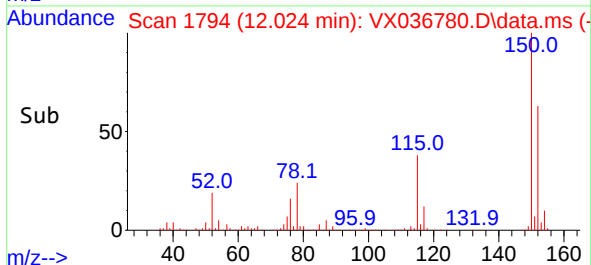
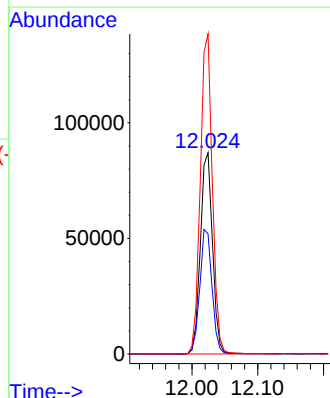
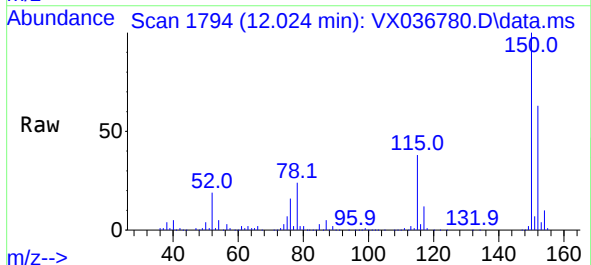
Instrument :
MSVOA_X
ClientSampleId :
IBLK

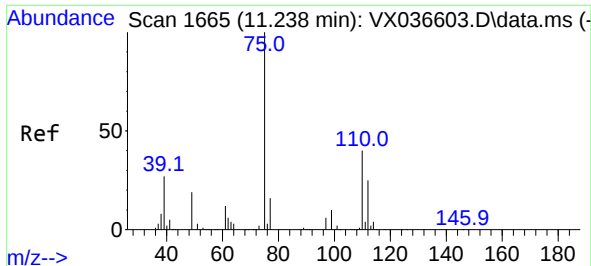
Tgt Ion:117 Resp: 230706
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion:152 Resp: 111587
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.2 0.0 345.0

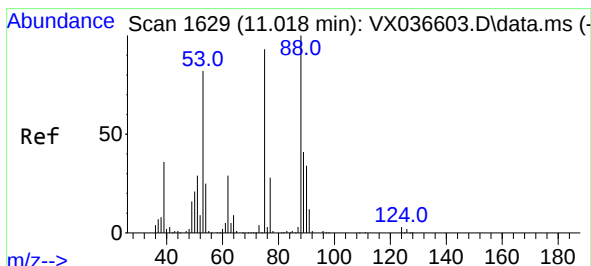
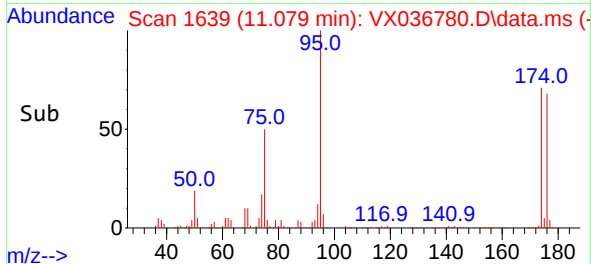
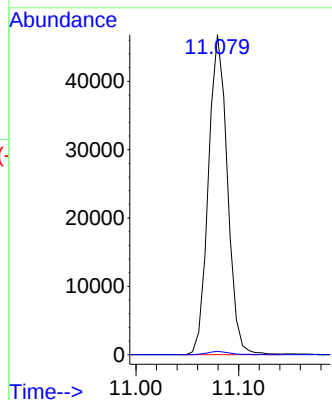
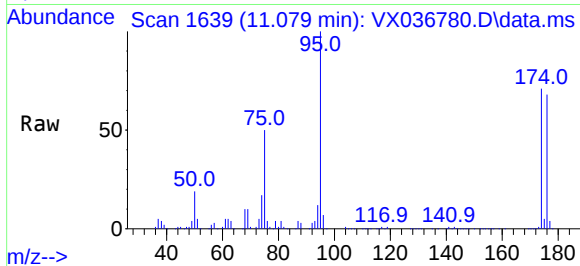




#76
1,2,3-Trichloropropane
Concen: 22.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

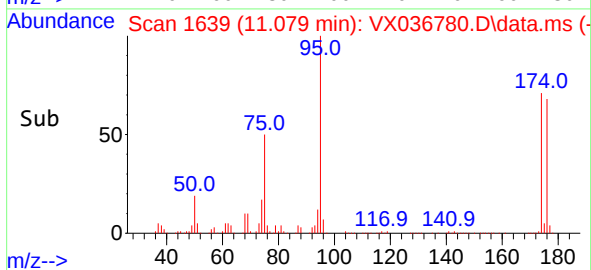
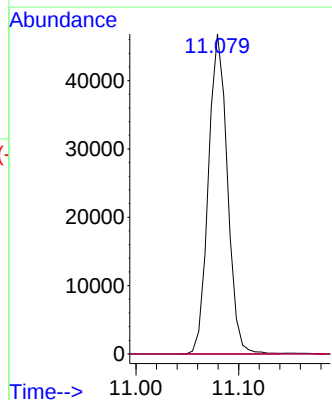
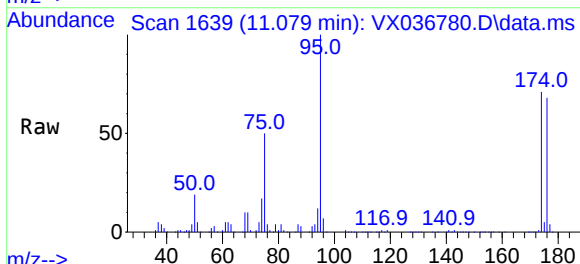
Instrument :
MSVOA_X
ClientSampleId :
IBLK

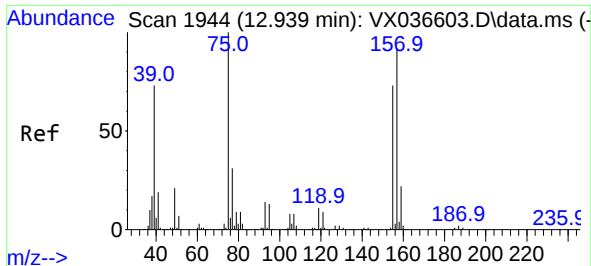
Tgt Ion: 75 Resp: 60064
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.869 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 75 Resp: 60064
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

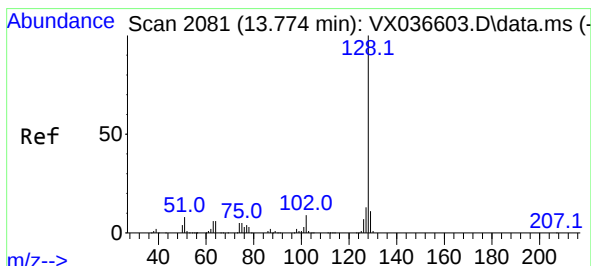
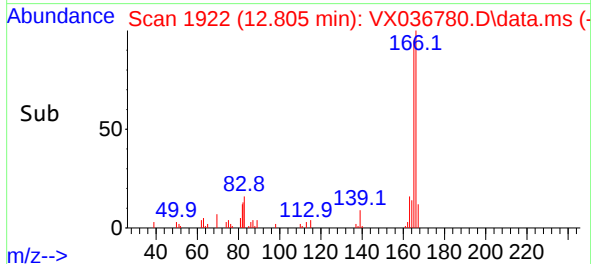
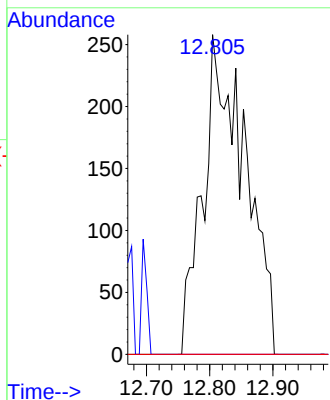
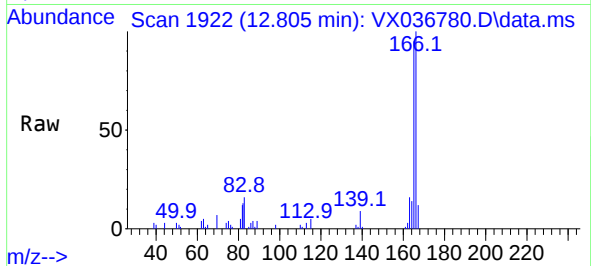




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.647 ug/l
RT: 12.805 min Scan# 1944
Delta R.T. -0.134 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 1194
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 8.773 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 128 Resp: 70798
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

