

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023896.D
 Acq On : 20 Aug 2021 22:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 21 01:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

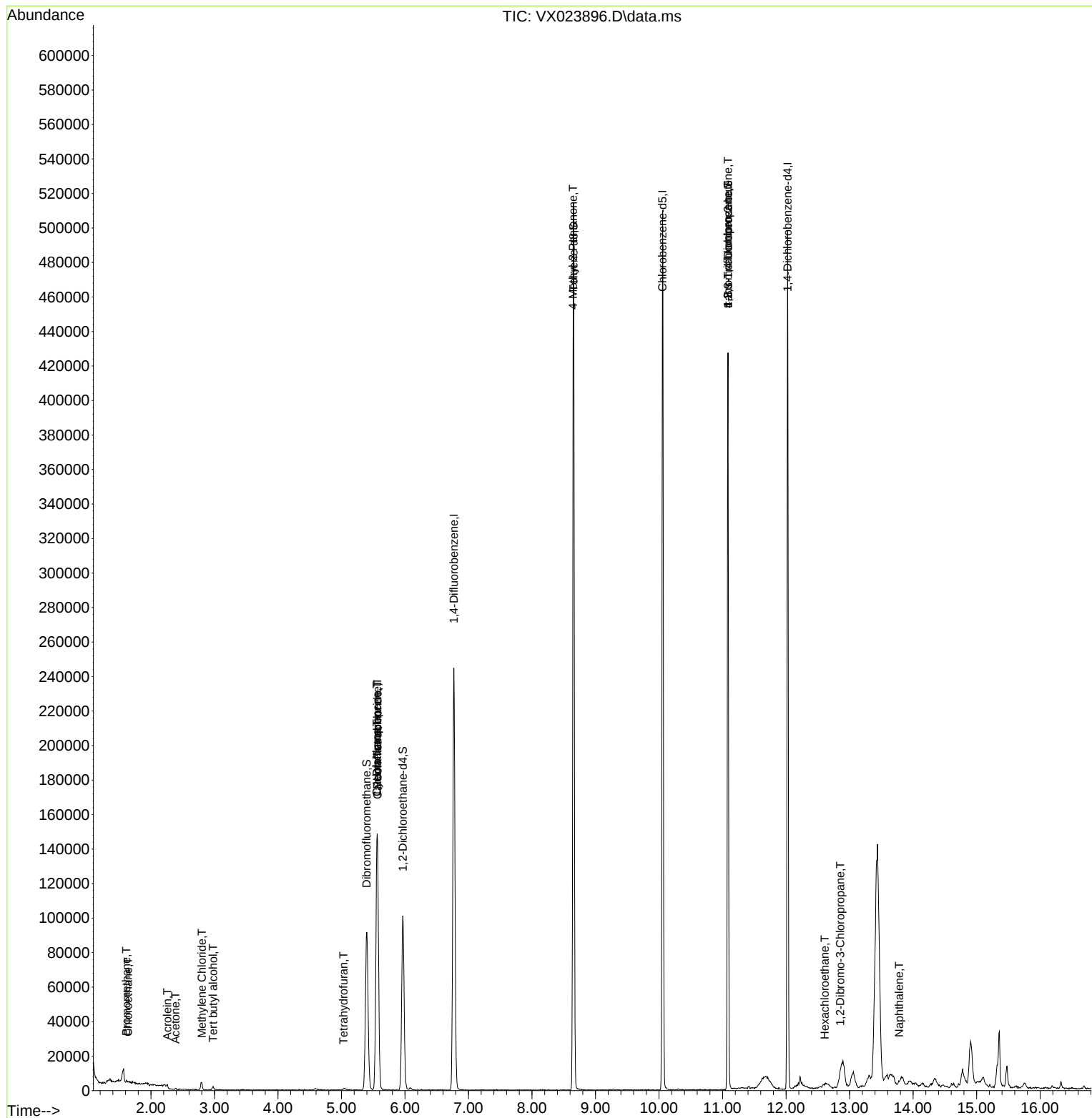
Internal Standards						
1) Pentafluorobenzene	5.562	168	141062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100426	51.009	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.020%		
35) Dibromofluoromethane	5.397	113	79638	49.736	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.480%		
50) Toluene-d8	8.653	98	295093	48.421	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.840%		
62) 4-Bromofluorobenzene	11.085	95	104754	46.693	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.380%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	542	0.541	ug/l	83
6) Chloroethane	1.636	64	52	2.255	ug/l #	43
11) Tert butyl alcohol	2.977	59	1635	4.107	ug/l	99
13) Acrolein	2.258	56	229	0.967	ug/l #	22
16) Acetone	2.386	43	774	0.879	ug/l	100
20) Methylene Chloride	2.800	84	2032	1.208	ug/l #	89
29) Tetrahydrofuran	5.031	42	703	0.814	ug/l #	37
31) Cyclohexane	5.556	56	3458	1.367	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	10882	4.857	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14519	6.215	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1544	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55674	24.393	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55674	71.753	ug/l #	12
90) Hexachloroethane	12.609	117	20	1.484	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.853	75	208	2.509	ug/l #	14
95) Naphthalene	13.780	128	877	1.402	ug/l #	86

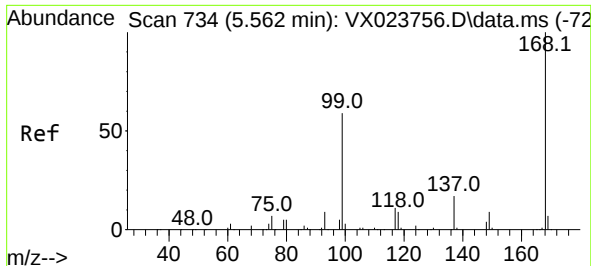
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
IBLK

Quant Time: Aug 21 01:15:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

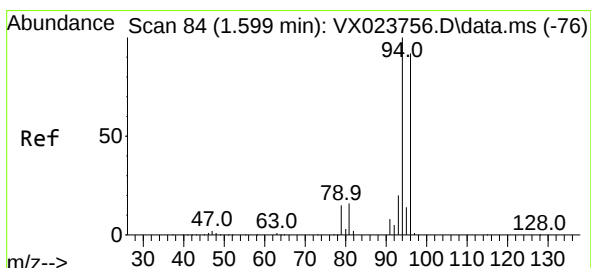
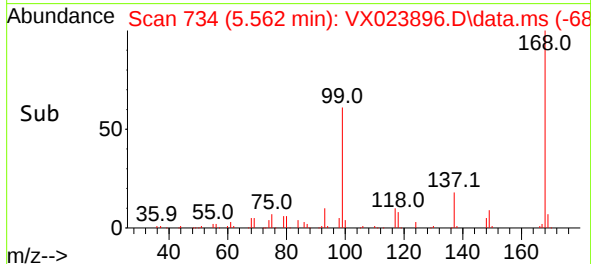
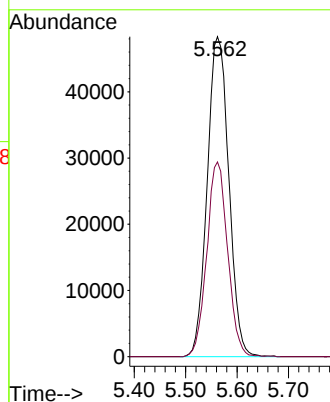
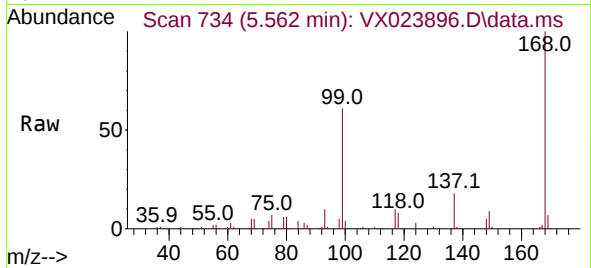




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

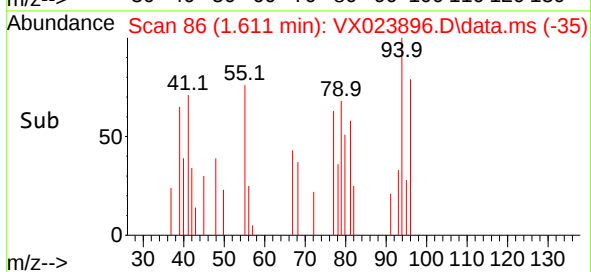
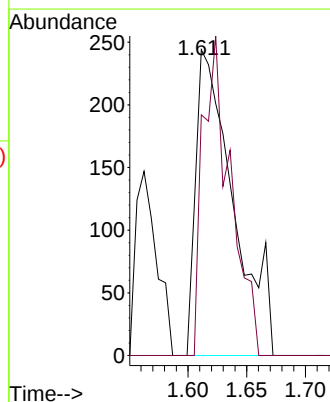
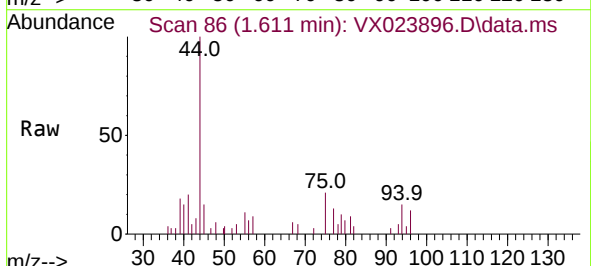
Instrument :
MSVOA_X
ClientSampled :
IBLK

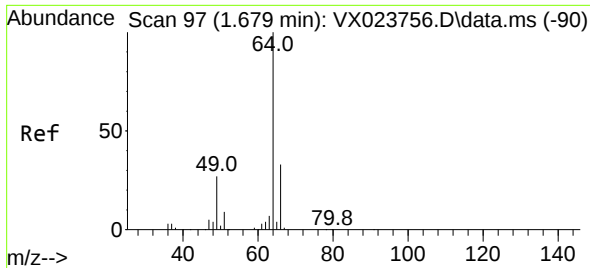
Tgt Ion:168 Resp: 141062
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#5
Bromomethane
Concen: 0.541 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 94 Resp: 542
Ion Ratio Lower Upper
94 100
96 78.7 76.4 114.6

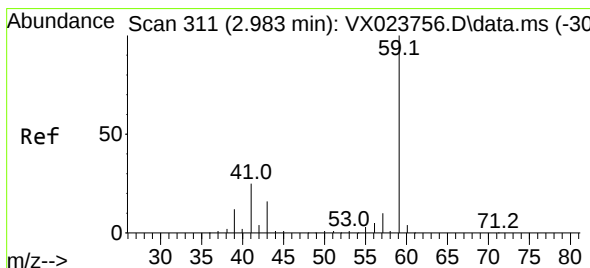
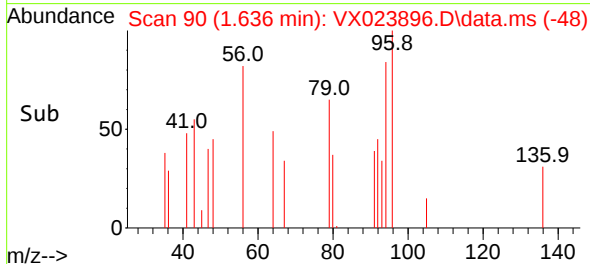
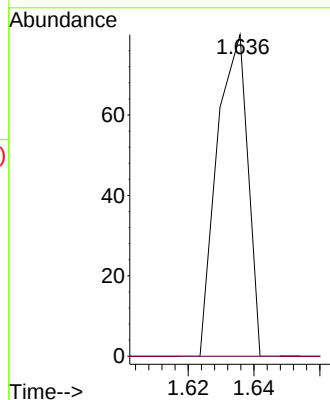
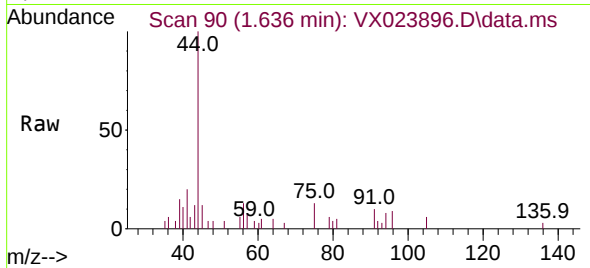




#6
Chloroethane
Concen: 2.255 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

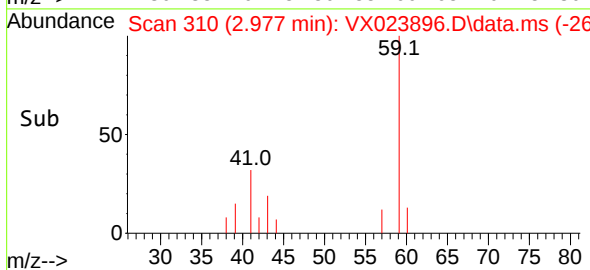
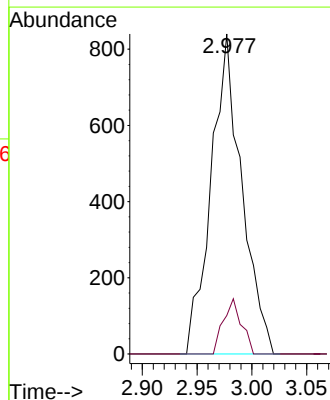
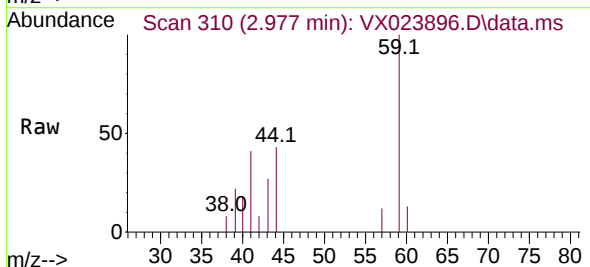
Instrument :
MSVOA_X
ClientSampled :
IBLK

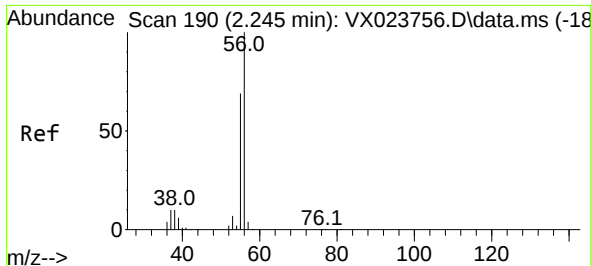
Tgt Ion: 64 Resp: 52
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 4.107 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 59 Resp: 1635
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

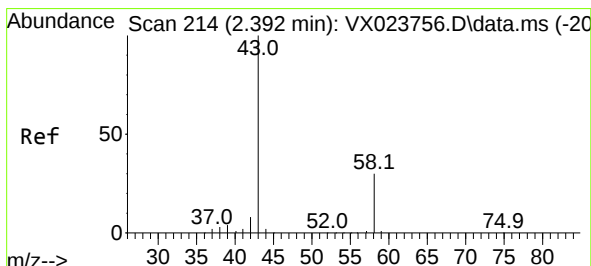
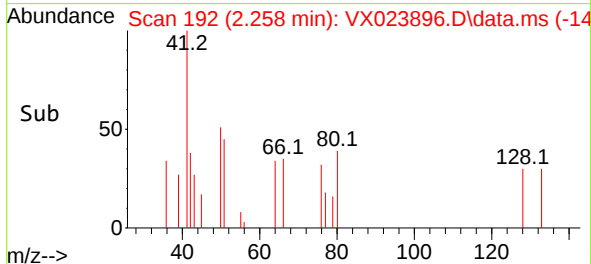
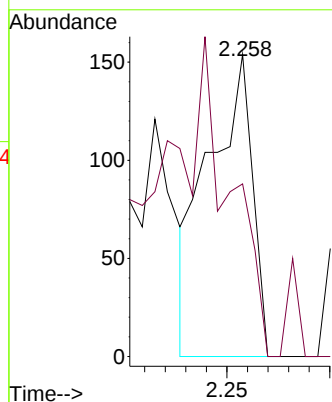
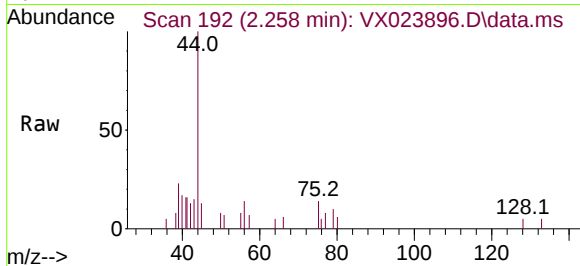




#13
Acrolein
Concen: 0.967 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

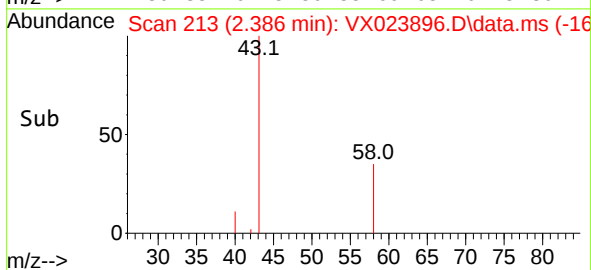
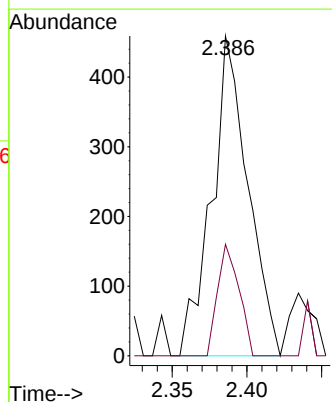
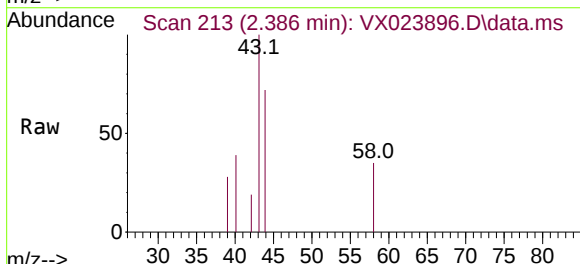
Instrument :
MSVOA_X
ClientSampled :
IBLK

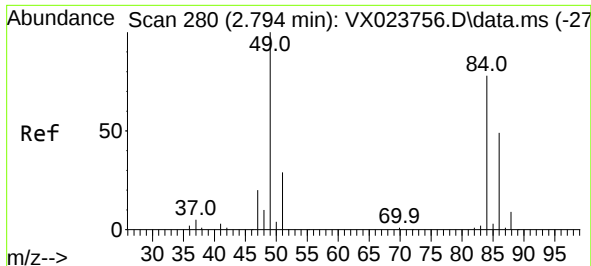
Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 134.9 56.4 84.6#



#16
Acetone
Concen: 0.879 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8





#20

Methylene Chloride

Concen: 1.208 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX023896.D

Acq: 20 Aug 2021 22:39

Tgt Ion: 84 Resp: 2032

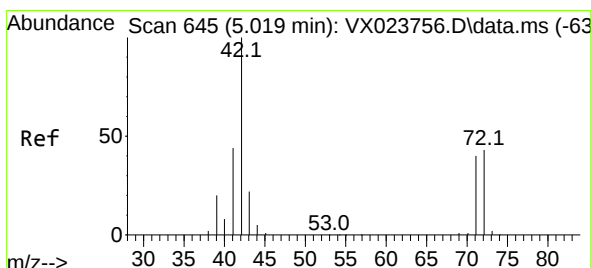
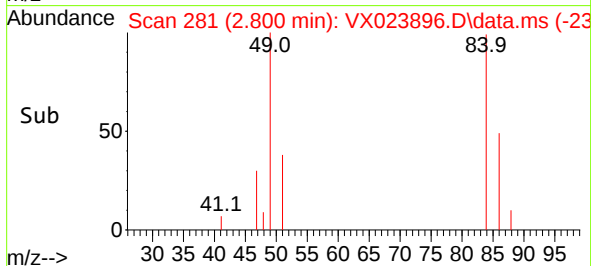
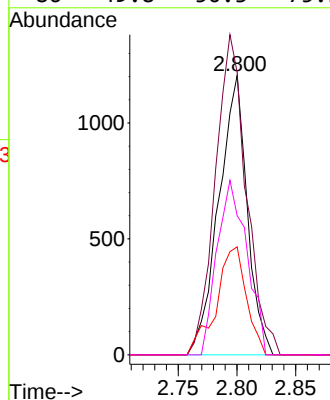
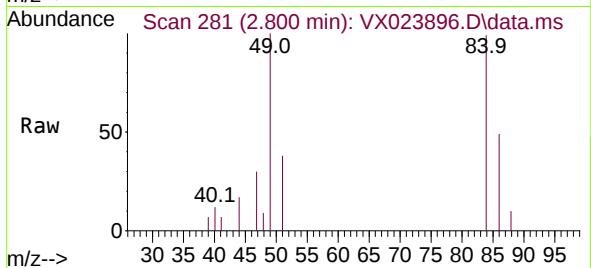
Ion Ratio Lower Upper

84 100

49 101.1 88.6 132.8

51 38.7 27.0 40.6

86 49.8 50.3 75.5#



#29

Tetrahydrofuran

Concen: 0.814 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX023896.D

Acq: 20 Aug 2021 22:39

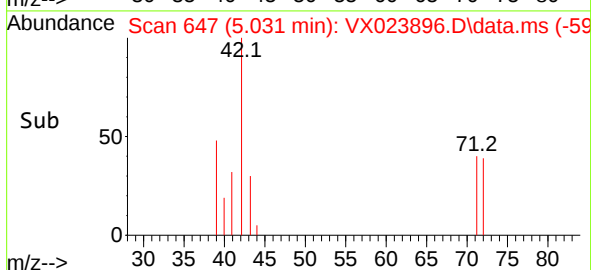
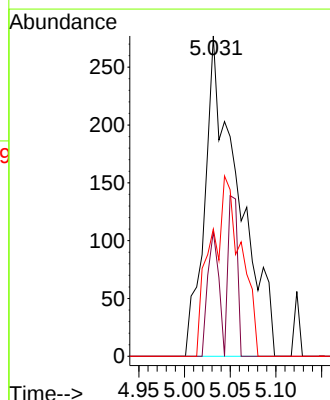
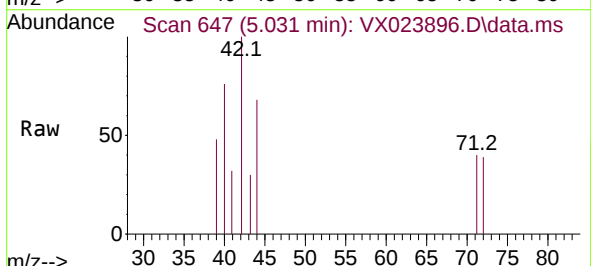
Tgt Ion: 42 Resp: 703

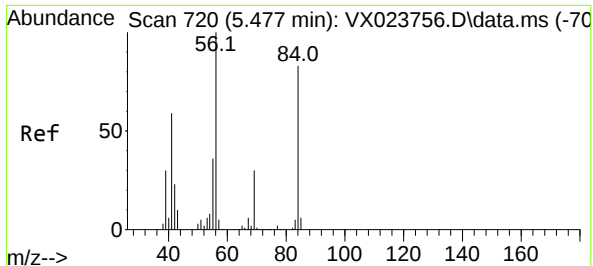
Ion Ratio Lower Upper

42 100

72 12.8 41.7 62.5#

71 0.0 38.4 57.6#

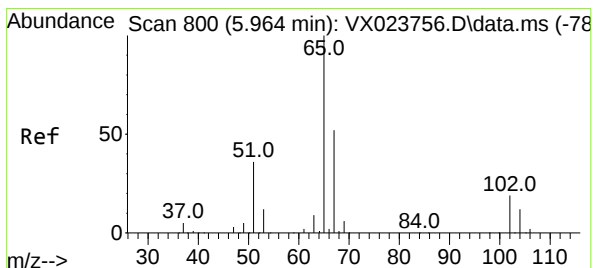
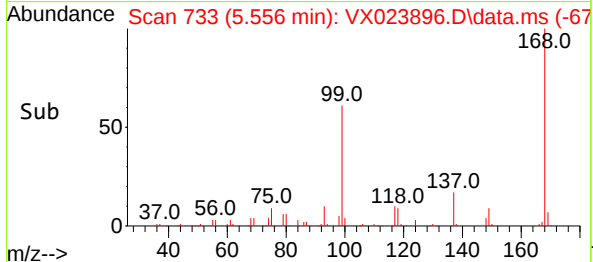
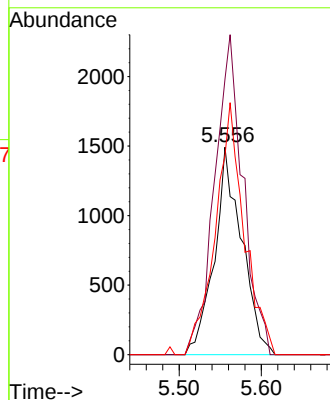
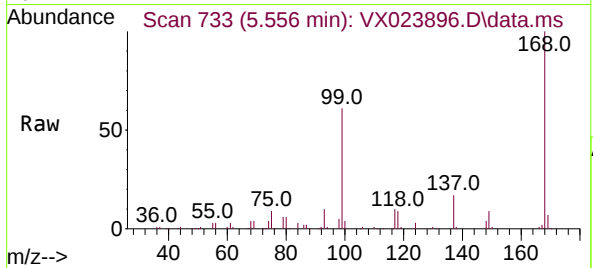




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

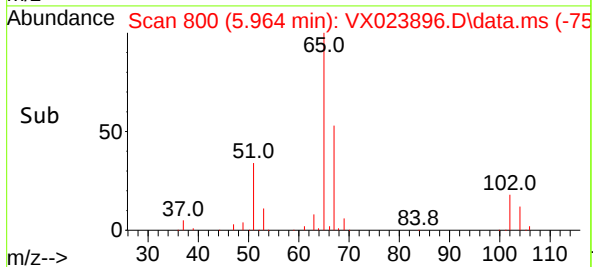
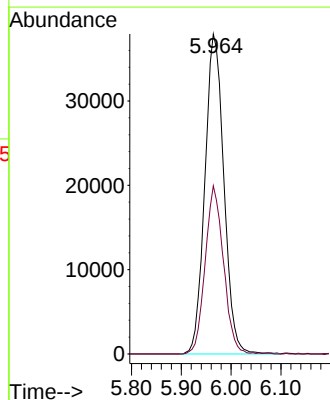
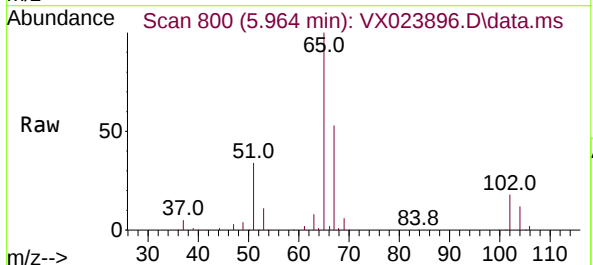
Instrument :
MSVOA_X
ClientSampled :
IBLK

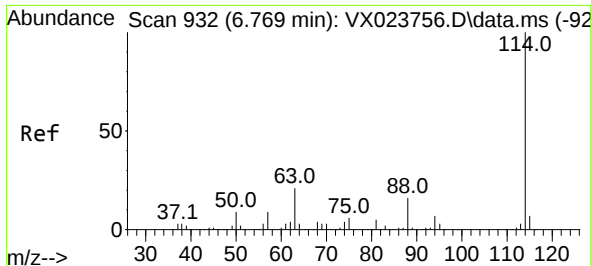
Tgt Ion: 56 Resp: 3458
Ion Ratio Lower Upper
56 100
69 132.8 25.3 37.9#
84 95.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.009 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 65 Resp: 100426
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

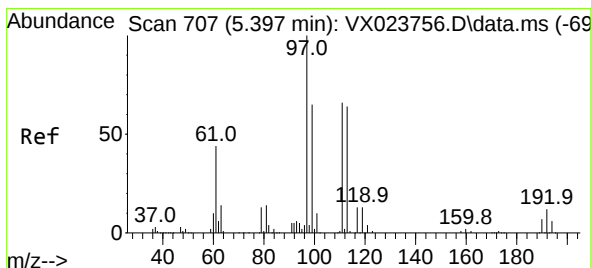
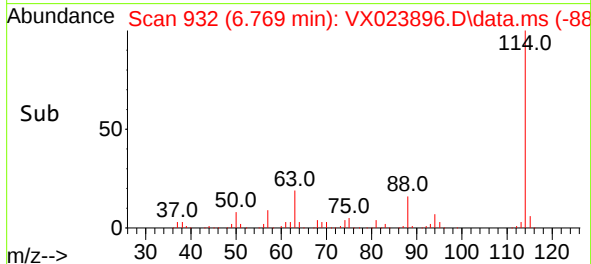
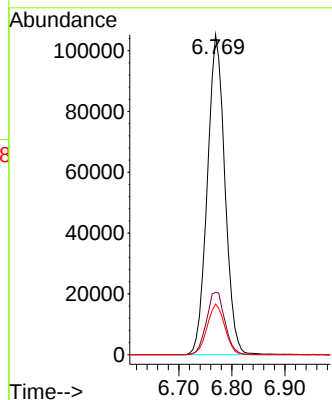
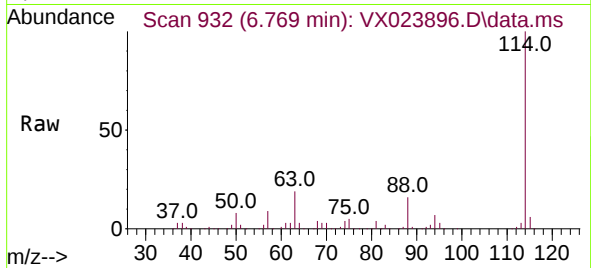




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

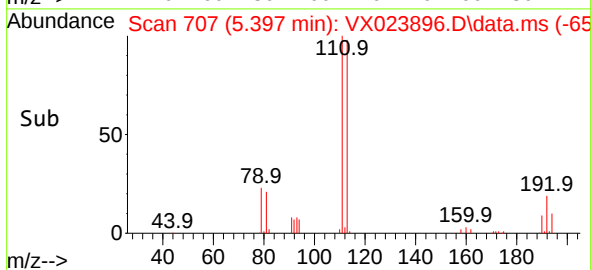
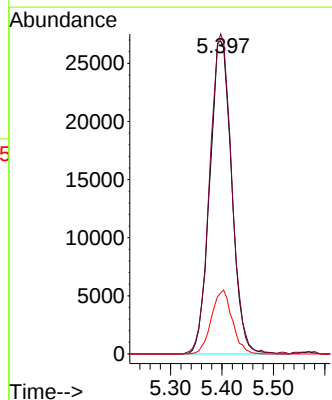
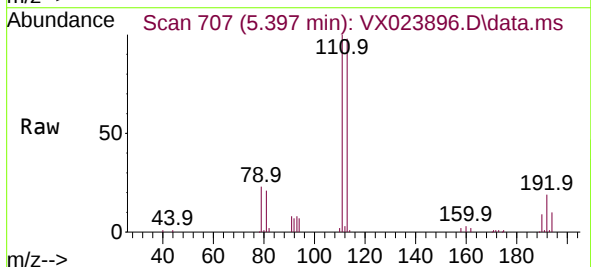
Instrument :
MSVOA_X
ClientSampled :
IBLK

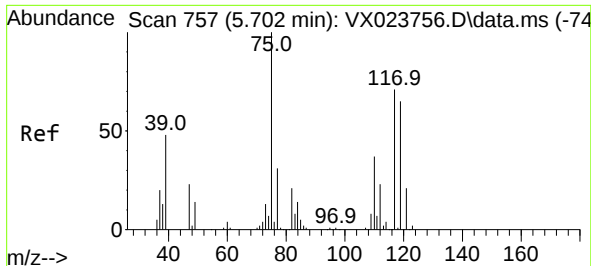
Tgt Ion:114 Resp: 241921
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion:113 Resp: 79638
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023896.D

Acq: 20 Aug 2021 22:39

Tgt Ion: 75 Resp: 10882

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

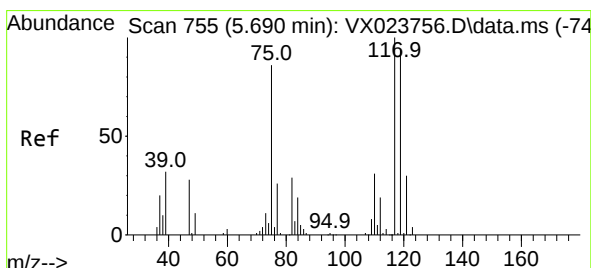
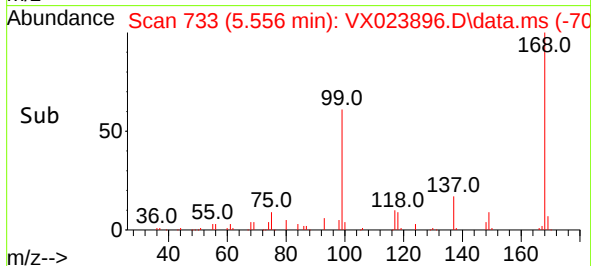
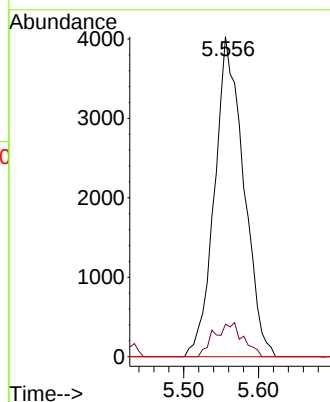
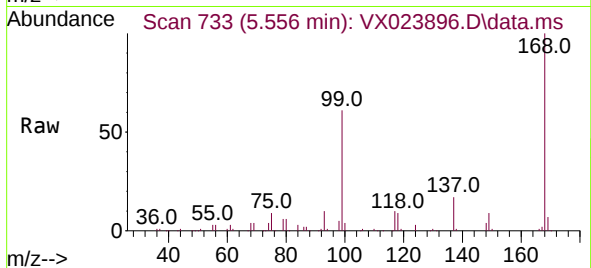
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

IBLK



#38

Carbon Tetrachloride

Concen: 6.215 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX023896.D

Acq: 20 Aug 2021 22:39

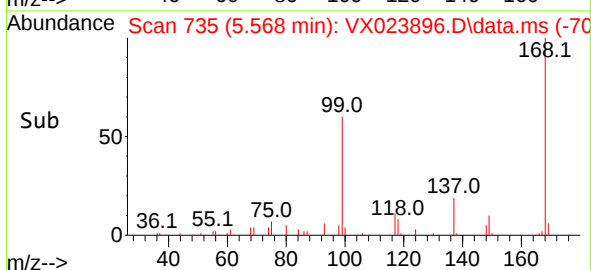
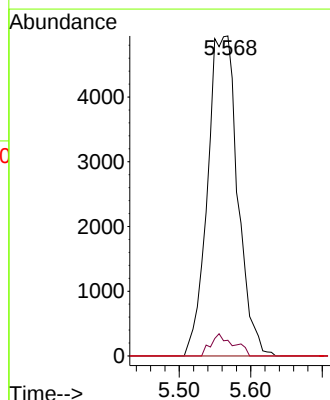
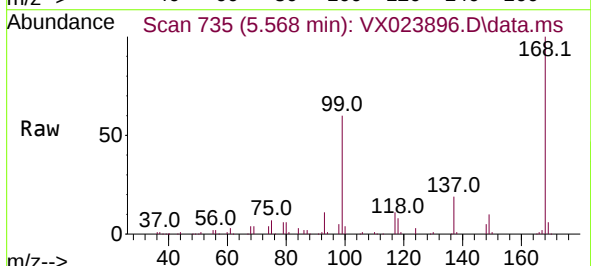
Tgt Ion: 117 Resp: 14519

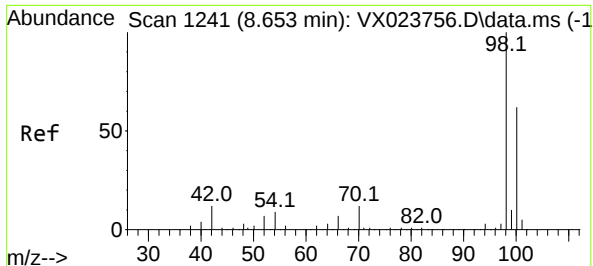
Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.421 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023896.D

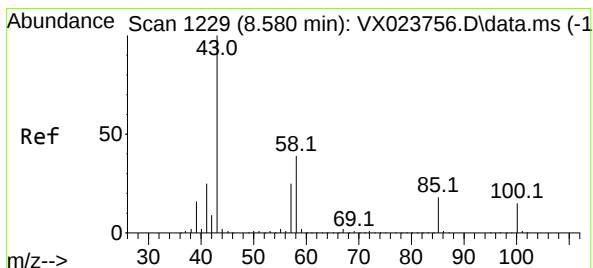
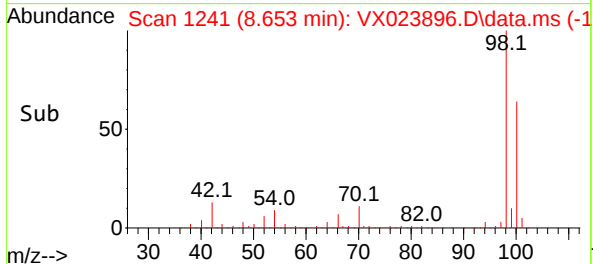
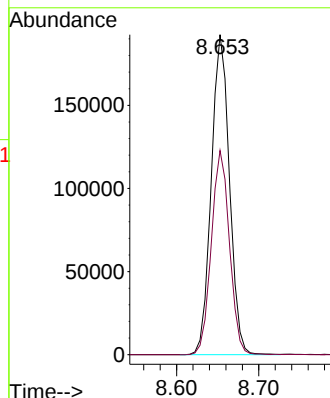
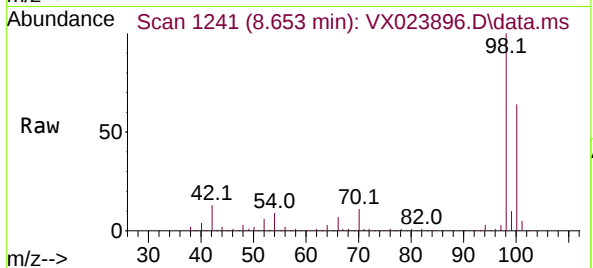
Acq: 20 Aug 2021 22:39

Tgt Ion: 98 Resp: 295093

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.554 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX023896.D

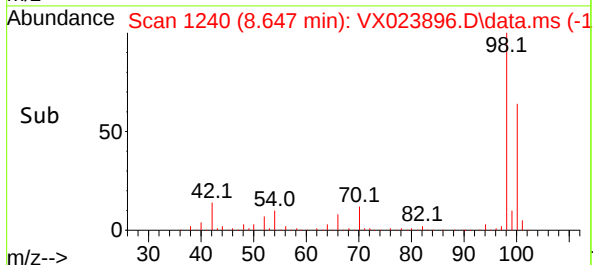
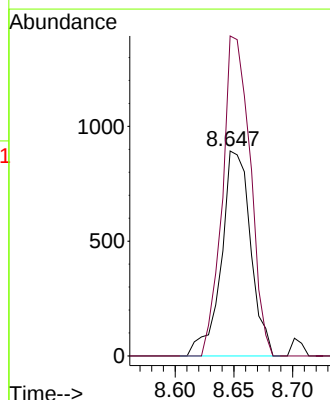
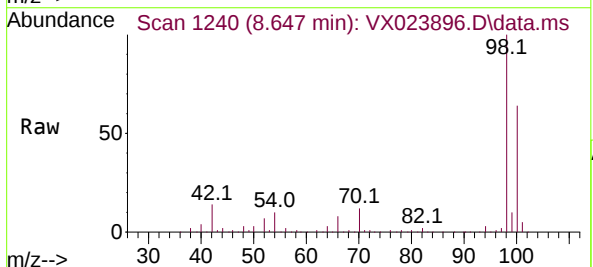
Acq: 20 Aug 2021 22:39

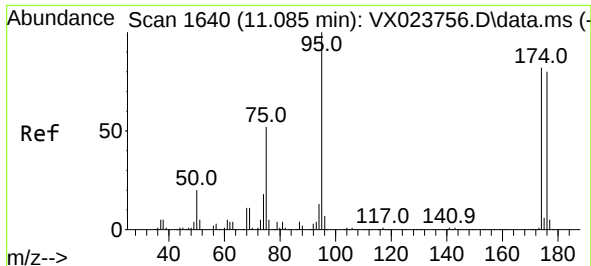
Tgt Ion: 43 Resp: 1544

Ion Ratio Lower Upper

43 100

58 148.7 35.4 53.0#

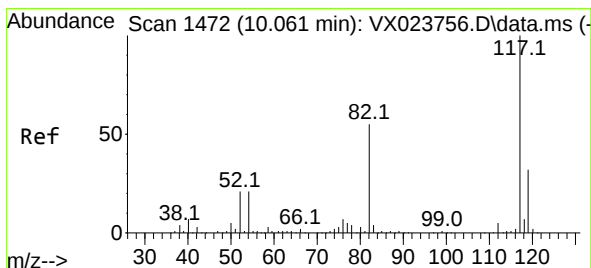
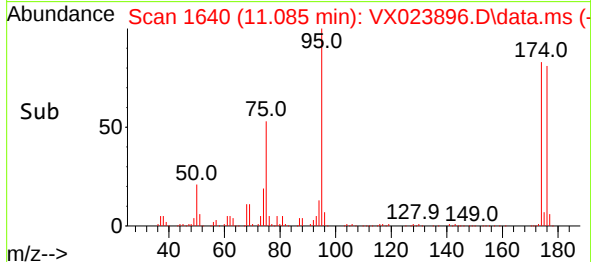
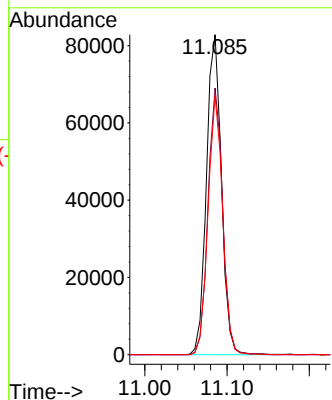
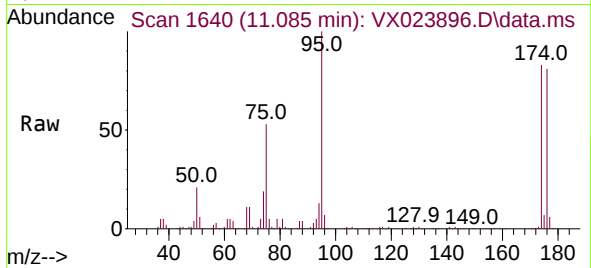




#62
4-Bromofluorobenzene
Concen: 46.693 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

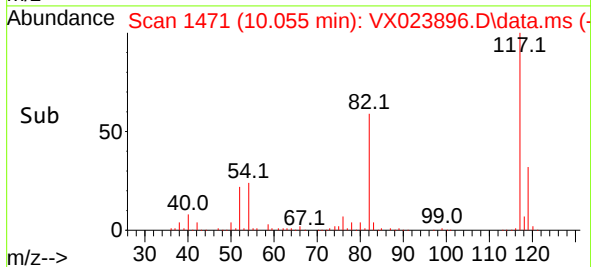
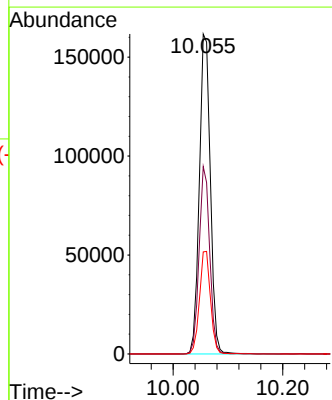
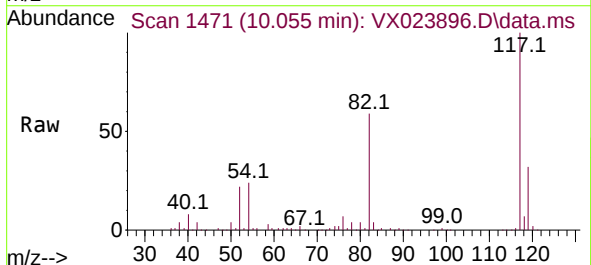
Instrument :
MSVOA_X
ClientSampled :
IBLK

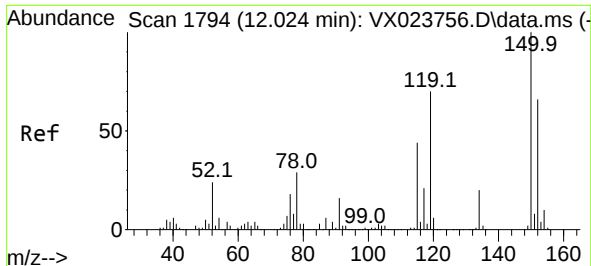
Tgt Ion: 95 Resp: 104754
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 117 Resp: 226061
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.9 26.6 39.8

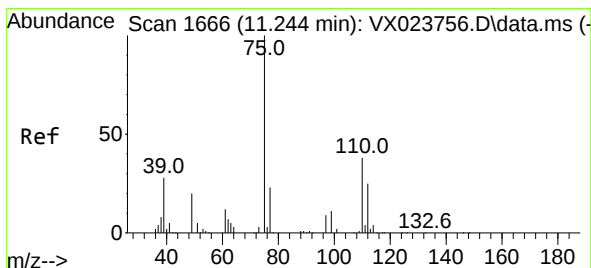
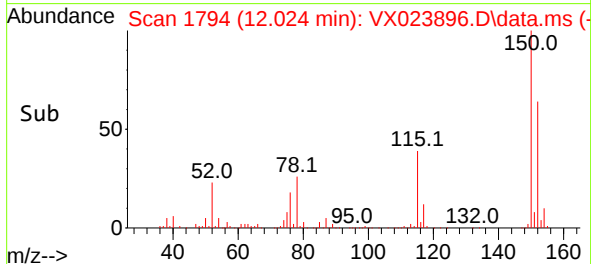
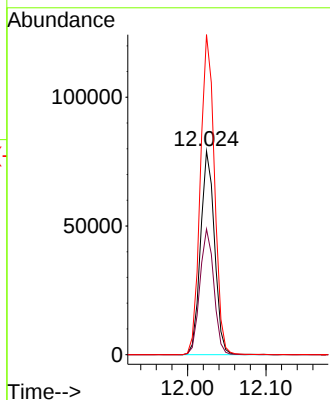
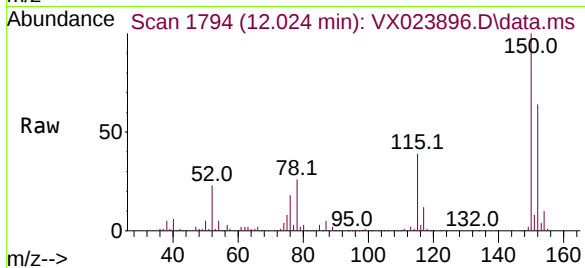




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

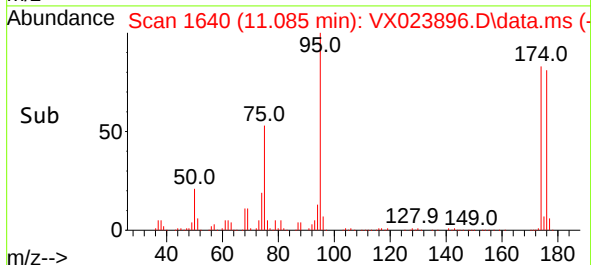
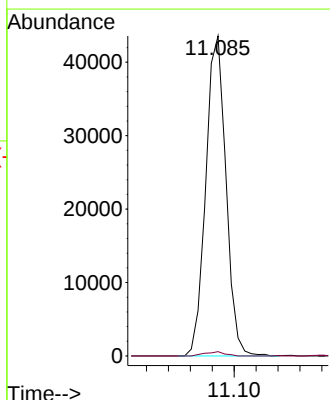
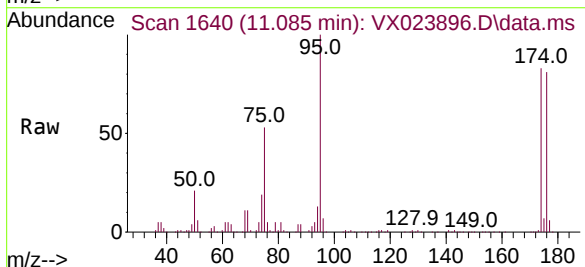
Instrument :
MSVOA_X
ClientSampled :
IBLK

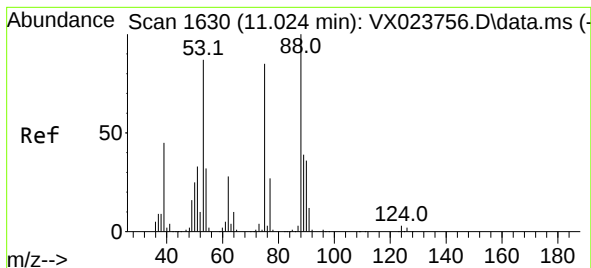
Tgt Ion:152 Resp: 97841
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 158.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.393 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 75 Resp: 55674
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

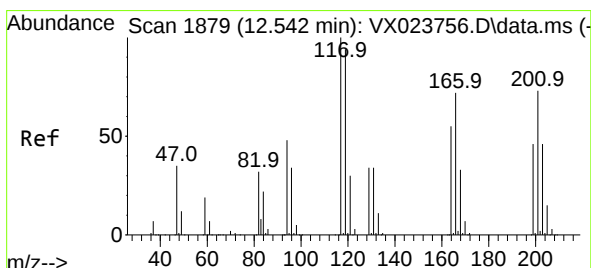
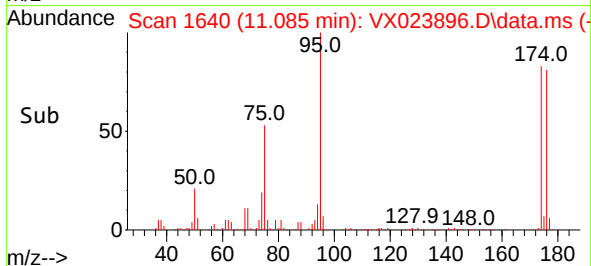
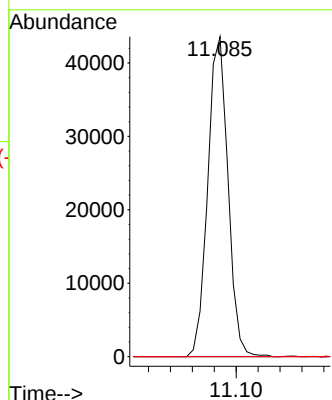
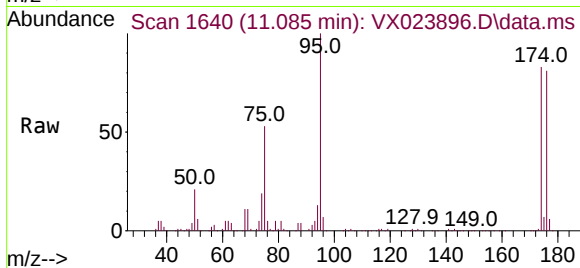




#81
trans-1,4-Dichloro-2-butene
Concen: 71.753 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

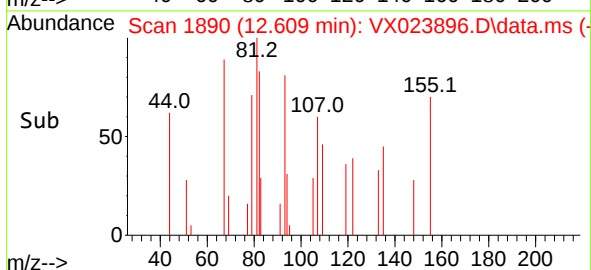
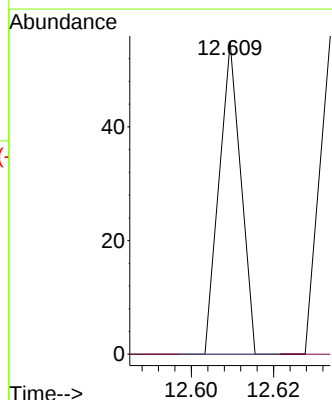
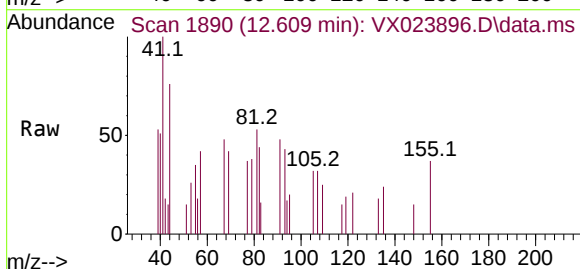
Instrument :
MSVOA_X
ClientSampled :
IBLK

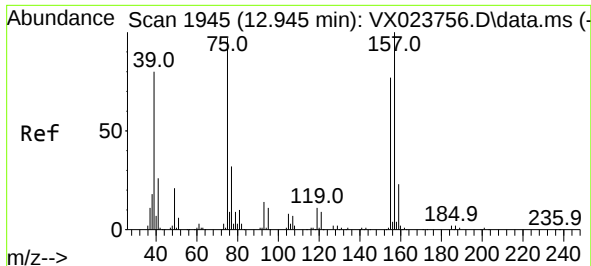
Tgt Ion: 75 Resp: 55674
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.484 ug/l
RT: 12.609 min Scan# 1890
Delta R.T. 0.067 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

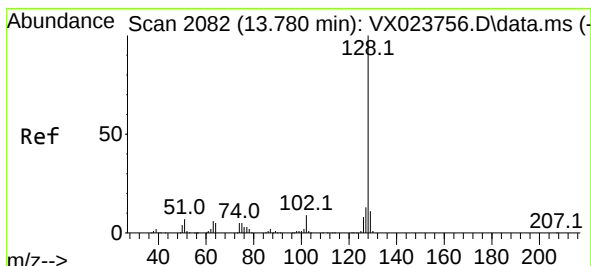
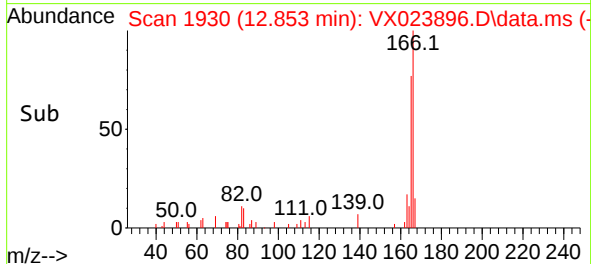
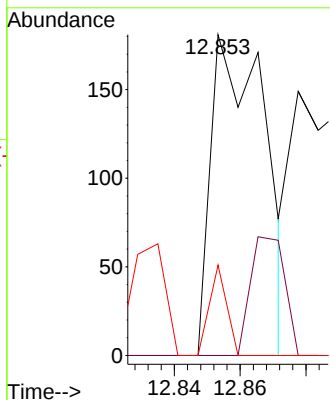
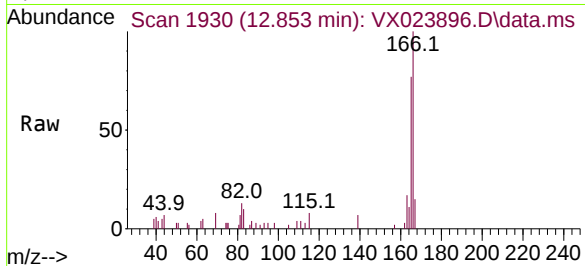




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.509 ug/l
RT: 12.853 min Scan# 1930
Delta R.T. -0.092 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
155 23.1 45.3 135.9#
157 9.1 57.7 173.1#



#95
Naphthalene
Concen: 1.402 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 128 Resp: 877
Ion Ratio Lower Upper
128 100
127 17.4 10.3 15.5#
129 17.4 8.8 13.2#

