

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044181.D
 Acq On : 09 Dec 2024 12:34
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 10 01:39:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

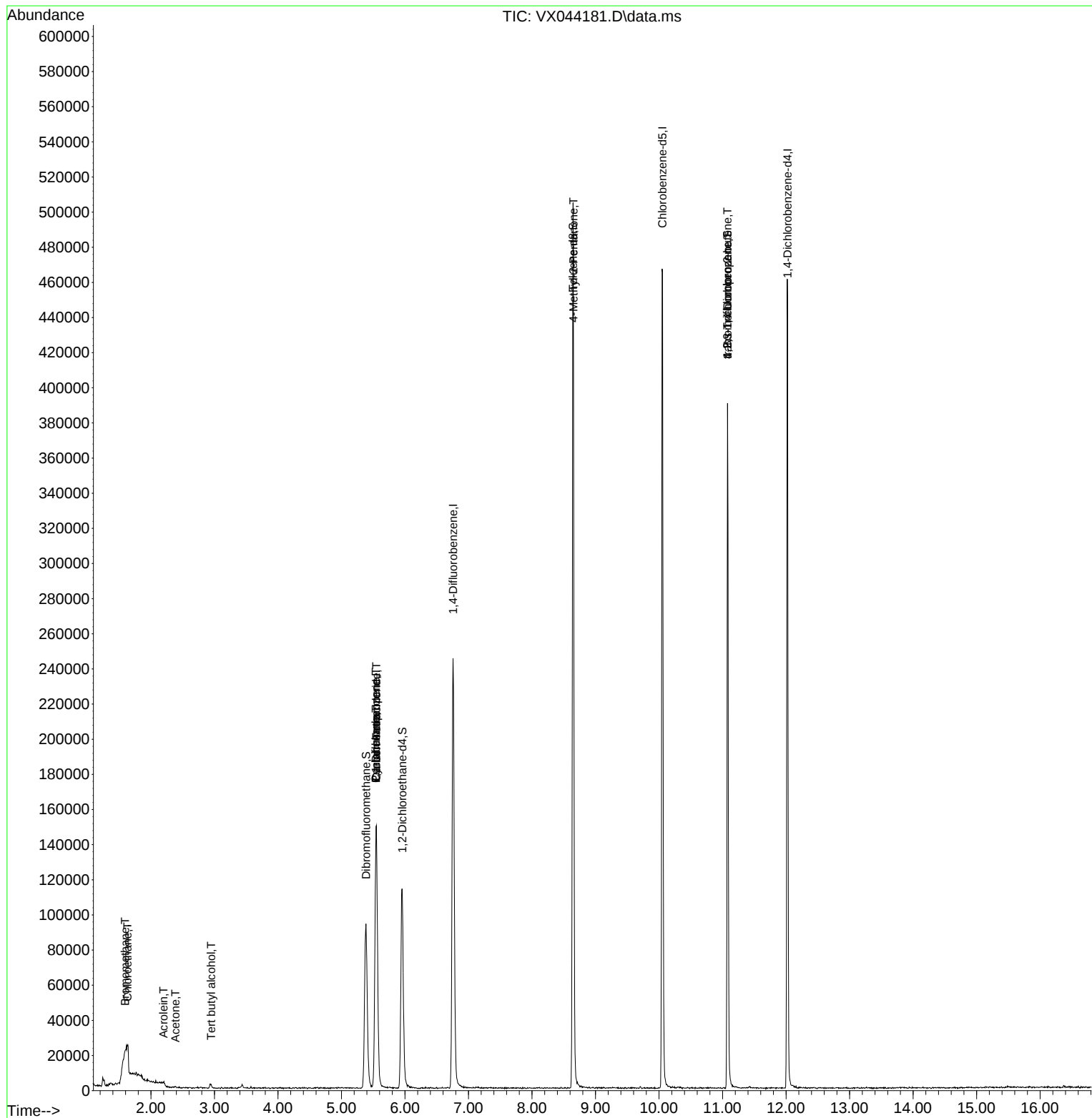
Internal Standards						
1) Pentafluorobenzene	5.544	168	128992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	244366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110867	50.111	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.220%	
35) Dibromofluoromethane	5.385	113	81499	46.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.340%	
50) Toluene-d8	8.647	98	298163	49.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	11.079	95	99236	48.445	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.880%	
Target Compounds						Qvalue
5) Bromomethane	1.593	94	485	0.431	ug/l	85
6) Chloroethane	1.630	64	426	0.382	ug/l #	42
11) Tert butyl alcohol	2.947	59	1067	3.005	ug/l #	73
13) Acrolein	2.197	56	87	0.232	ug/l #	77
16) Acetone	2.386	43	317	0.312	ug/l #	82
31) Cyclohexane	5.544	56	3647	1.479	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	12437	5.716	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15975	6.534	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1626	0.620	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.068	63	20	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.079	75	57032	28.957	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	57032	79.016	ug/l #	6

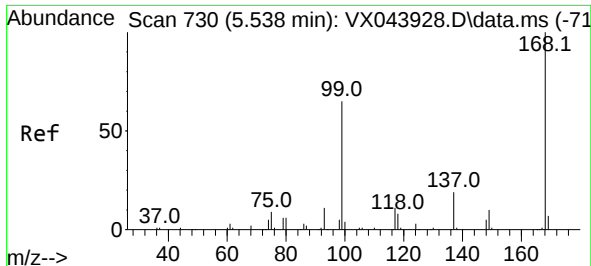
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
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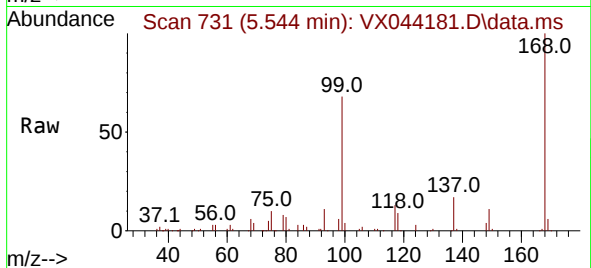
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



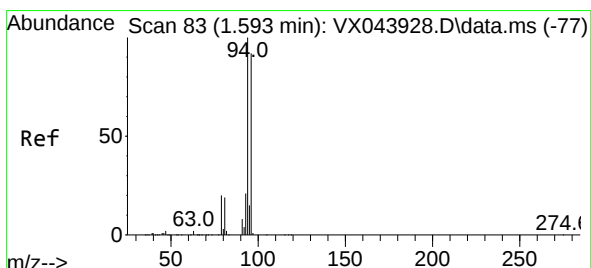
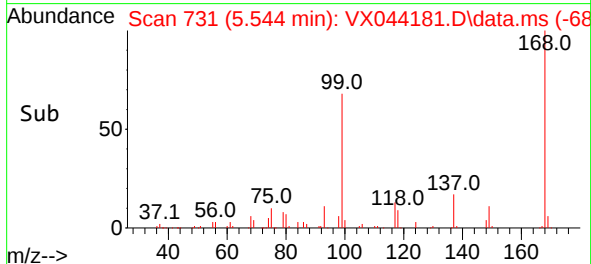
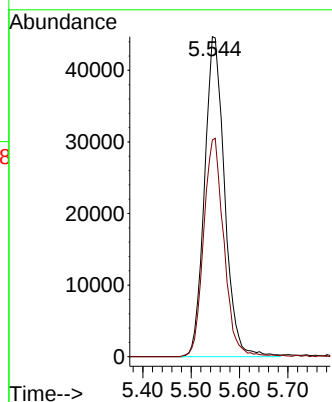


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Instrument :
MSVOA_X
ClientSampleId :
IBLK

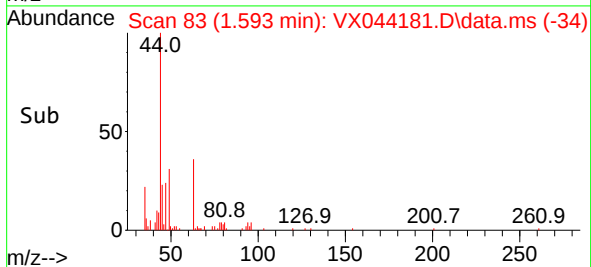
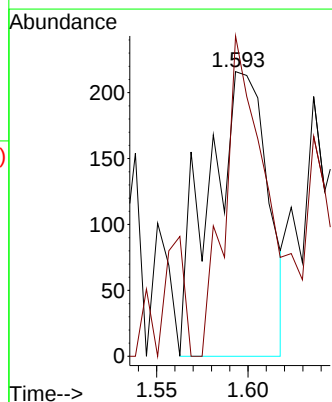
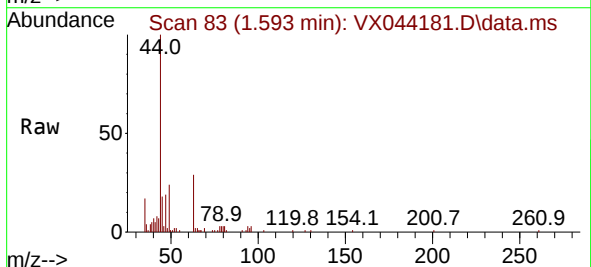


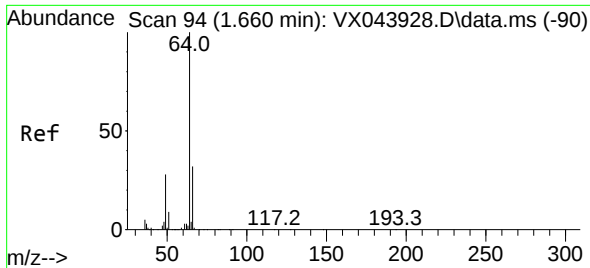
Tgt Ion:168 Resp: 128992
Ion Ratio Lower Upper
168 100
99 67.7 51.8 77.8



#5
Bromomethane
Concen: 0.431 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 77.8 73.9 110.9

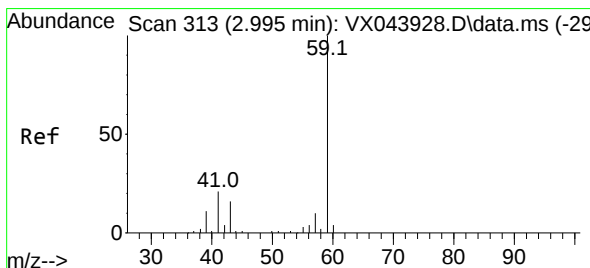
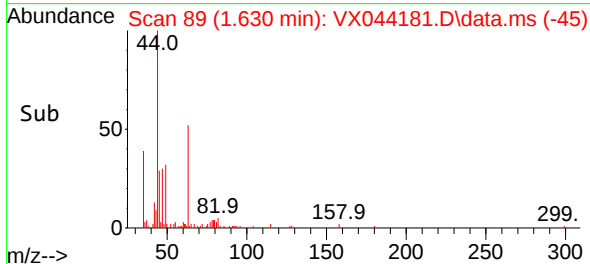
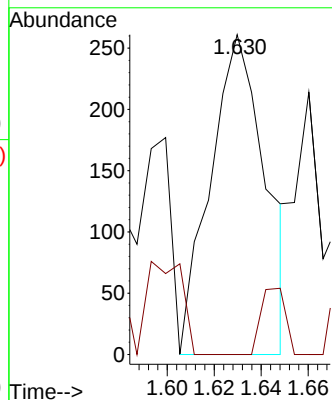
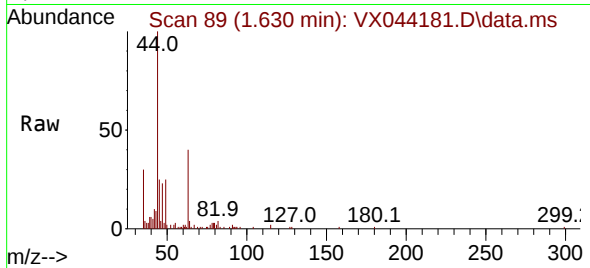




#6
Chloroethane
Concen: 0.382 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.031 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

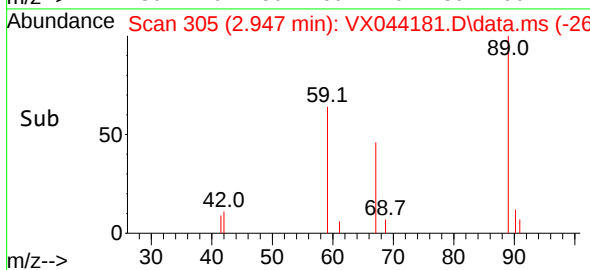
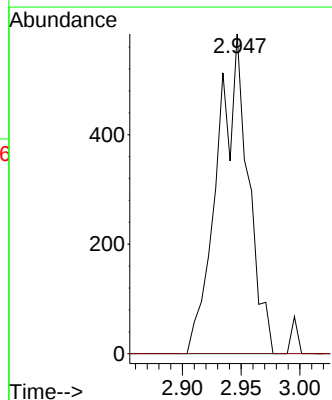
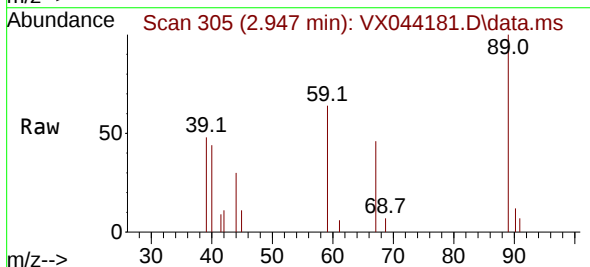
Instrument :
MSVOA_X
ClientSampleId :
IBLK

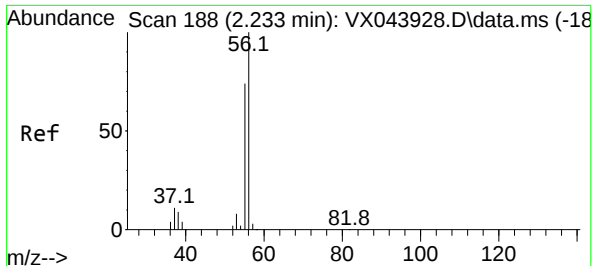
Tgt Ion: 64 Resp: 426
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 3.005 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

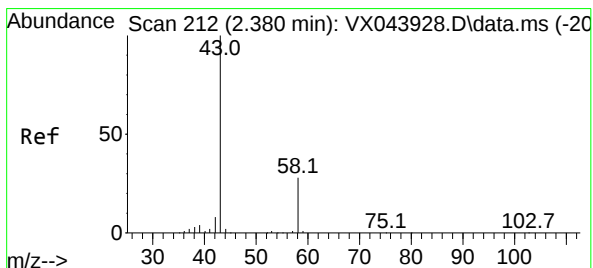
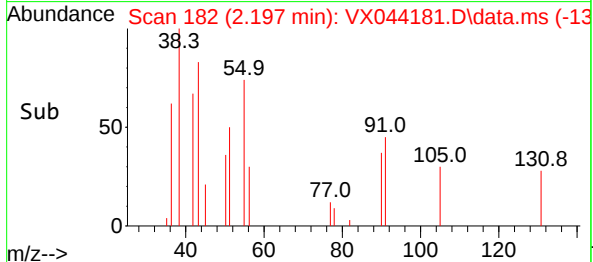
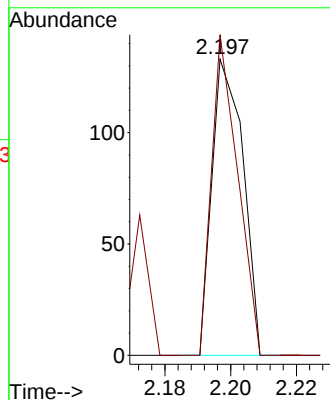
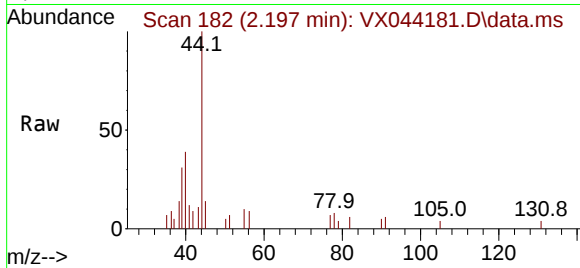




#13
Acrolein
Concen: 0.232 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

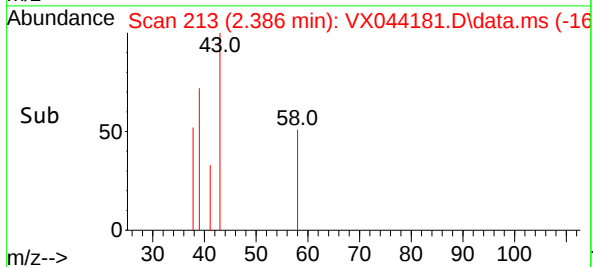
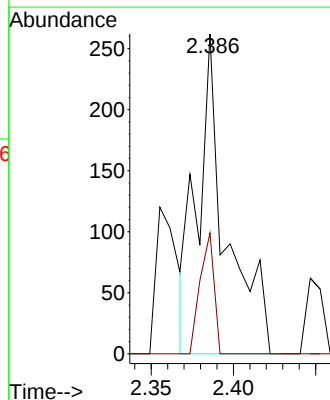
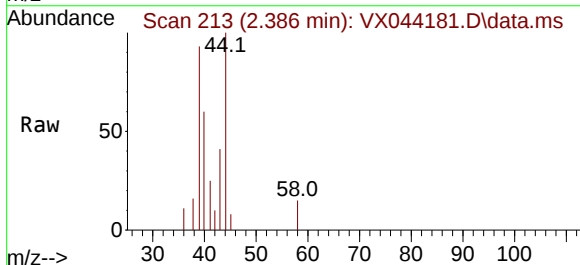
Instrument :
MSVOA_X
ClientSampleId :
IBLK

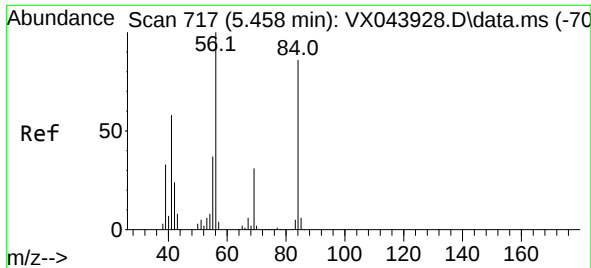
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 92.0 58.2 87.2#



#16
Acetone
Concen: 0.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 37.8 22.7 34.1#

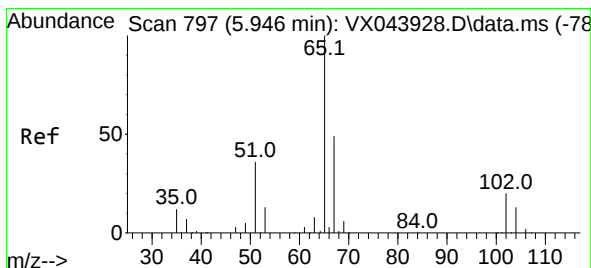
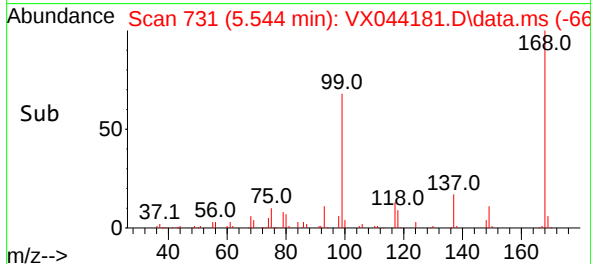
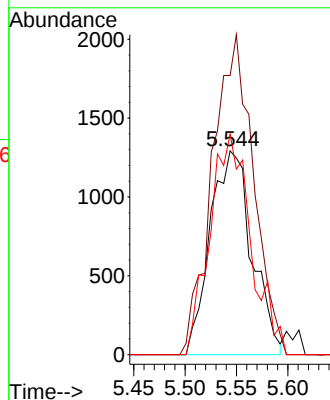
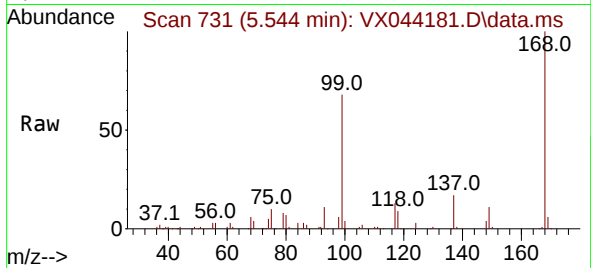




#31
Cyclohexane
Concen: 1.479 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

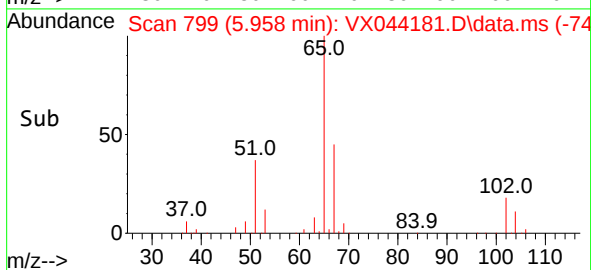
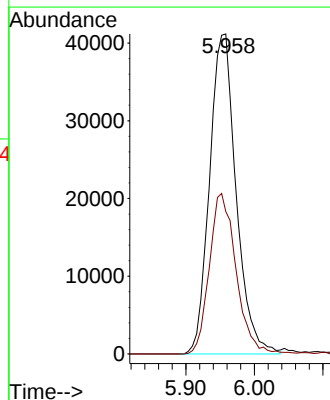
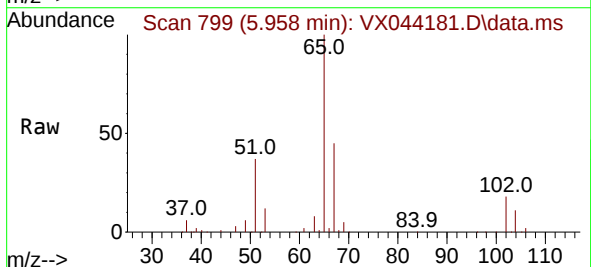
Instrument :
MSVOA_X
ClientSampleId :
IBLK

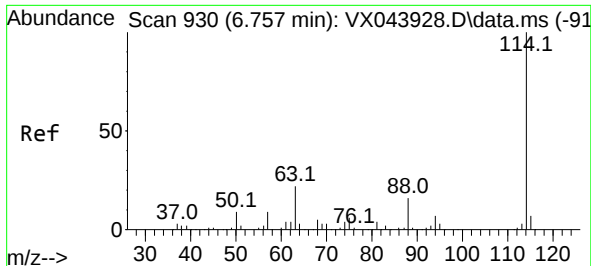
Tgt Ion: 56 Resp: 3647
Ion Ratio Lower Upper
56 100
69 137.0 24.7 37.1#
84 108.2 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 50.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion: 65 Resp: 110867
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8

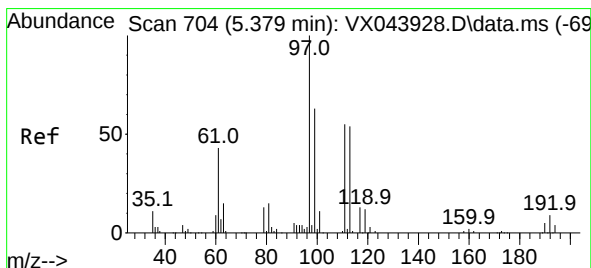
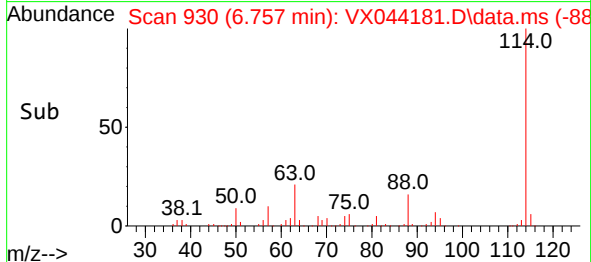
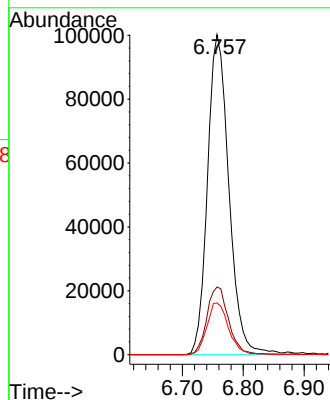
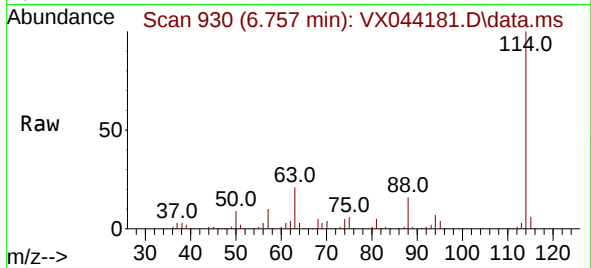




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

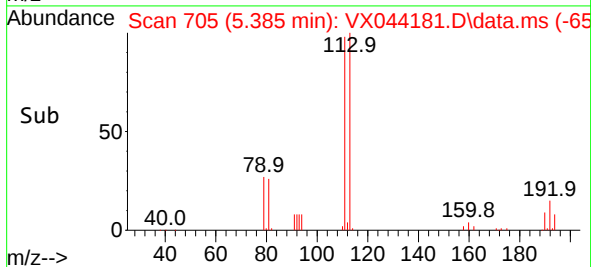
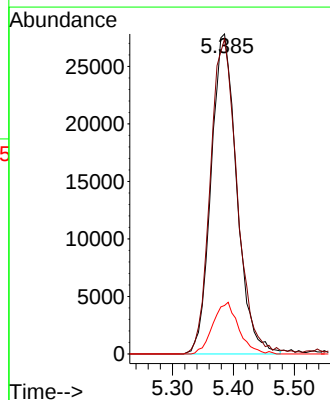
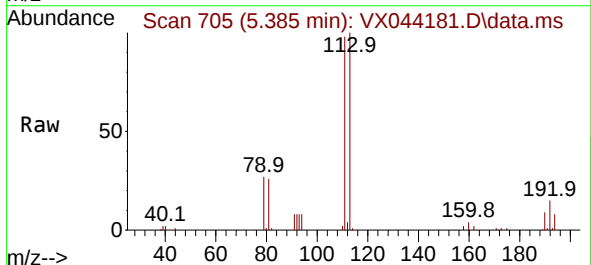
Instrument :
MSVOA_X
ClientSampleId :
IBLK

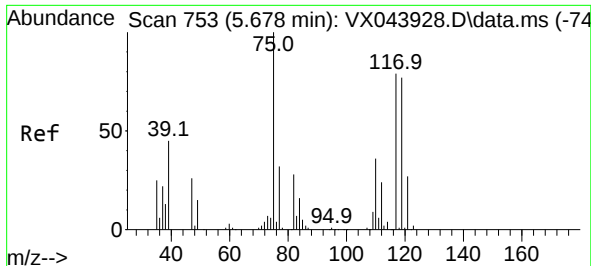
Tgt Ion:114 Resp: 244366
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.0
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion:113 Resp: 81499
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.4
192 16.2 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.716 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX044181.D

Acq: 09 Dec 2024 12:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

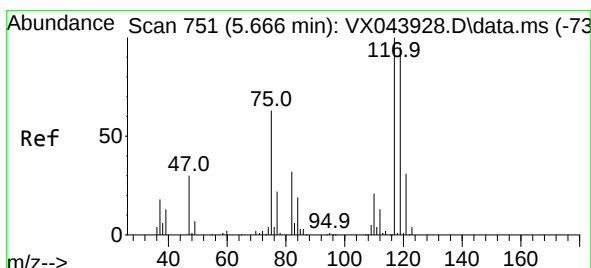
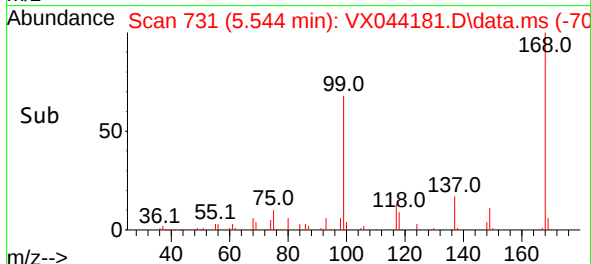
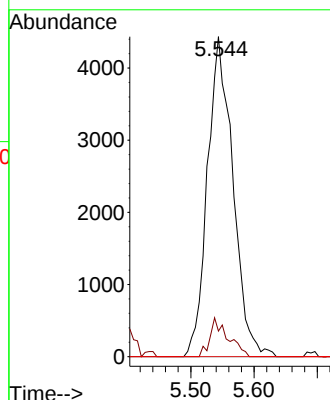
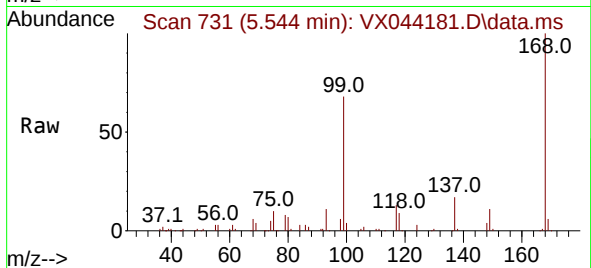
Tgt Ion: 75 Resp: 12437

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.534 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.116 min

Lab File: VX044181.D

Acq: 09 Dec 2024 12:34

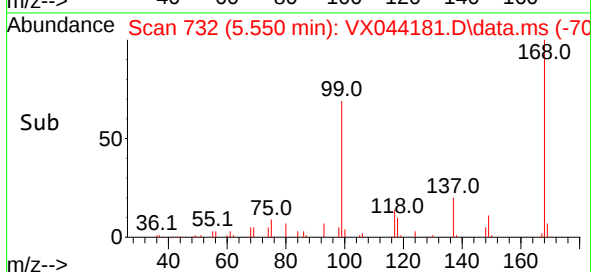
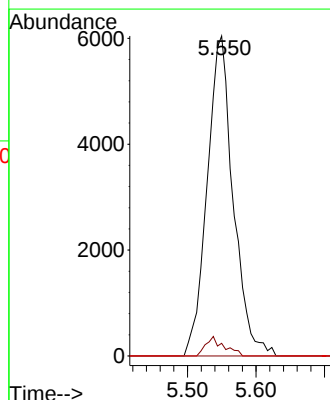
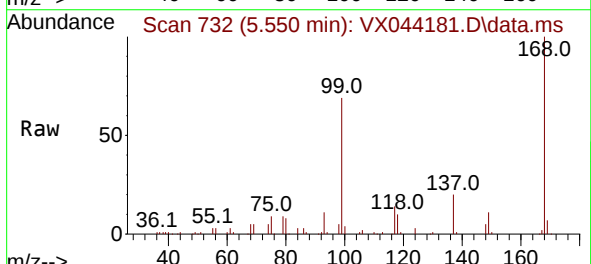
Tgt Ion: 117 Resp: 15975

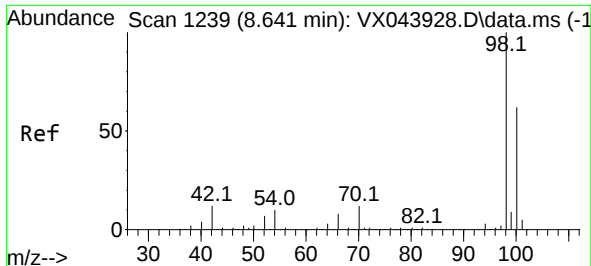
Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 24.5 36.7#

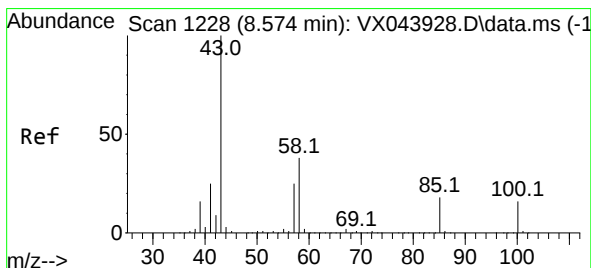
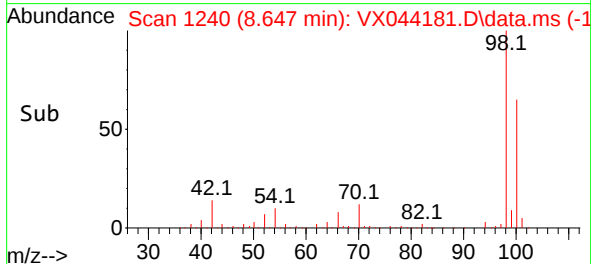
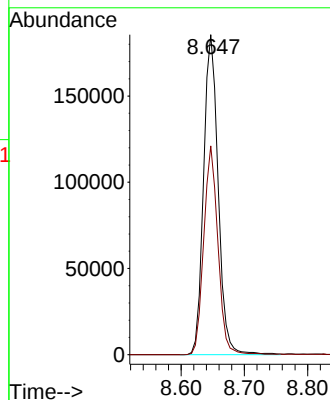
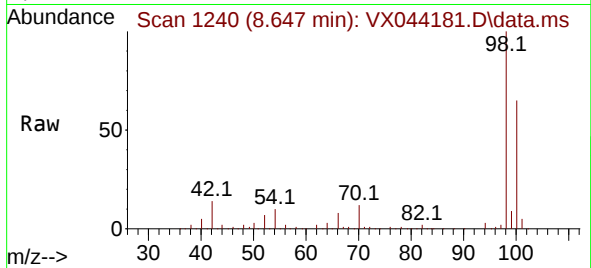




#50
Toluene-d8
Concen: 49.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

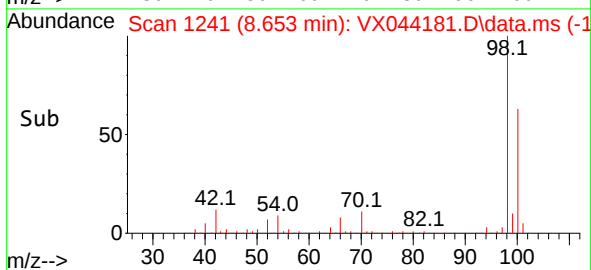
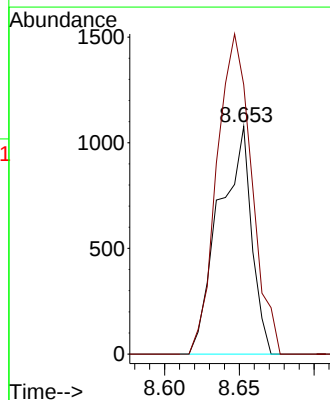
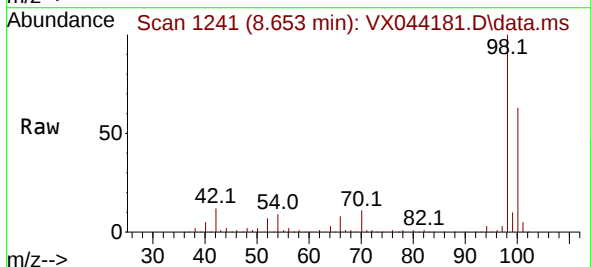
Instrument :
MSVOA_X
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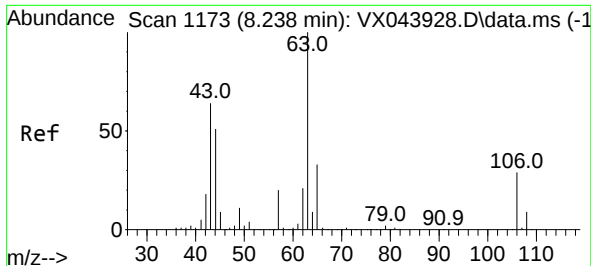
Tgt Ion: 98 Resp: 298163
Ion Ratio Lower Upper
98 100
100 63.5 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
58 150.8 30.0 45.0#

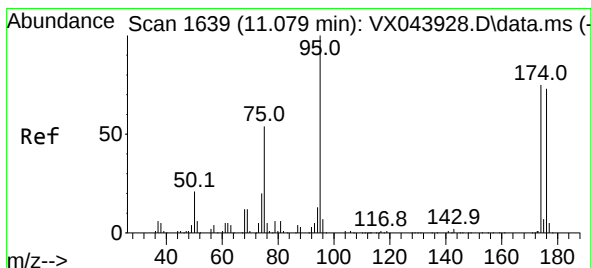
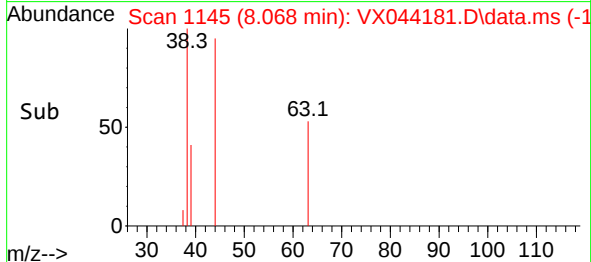
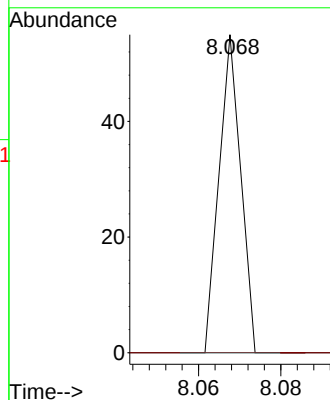
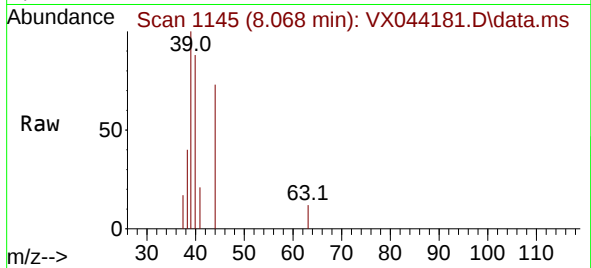




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.068 min Scan# 1173
Delta R.T. -0.171 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

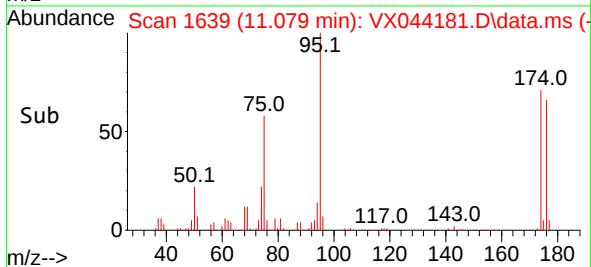
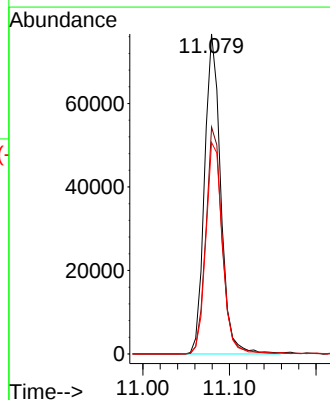
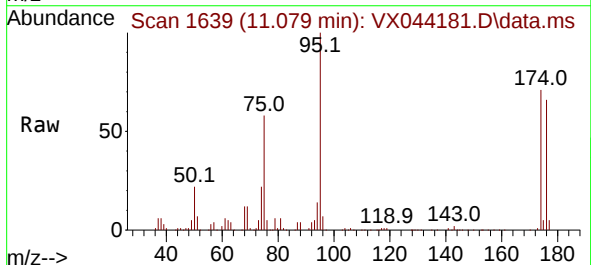
Instrument :
MSVOA_X
ClientSampleId :
IBLK

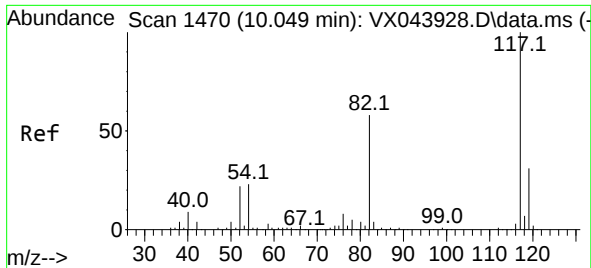
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: 48.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion: 95 Resp: 99236
Ion Ratio Lower Upper
95 100
174 71.8 0.0 150.4
176 68.3 0.0 146.0

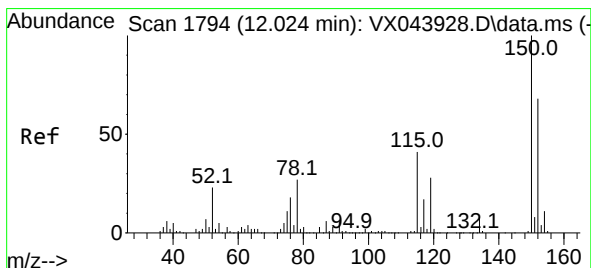
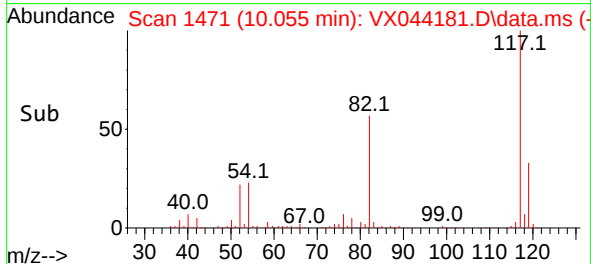
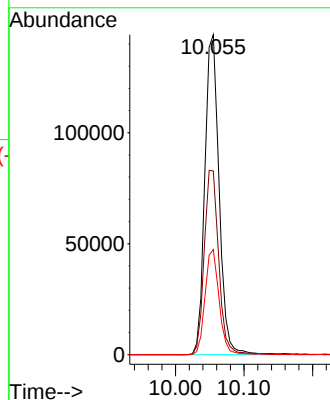
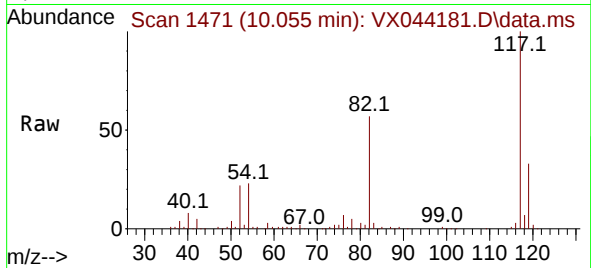




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

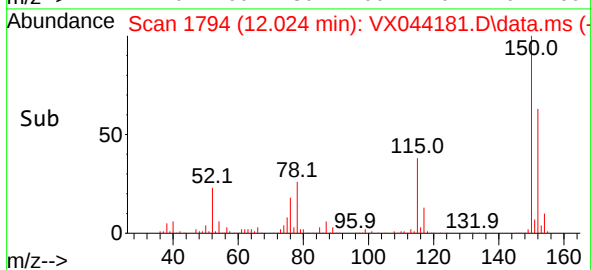
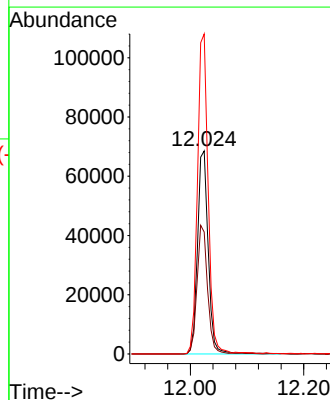
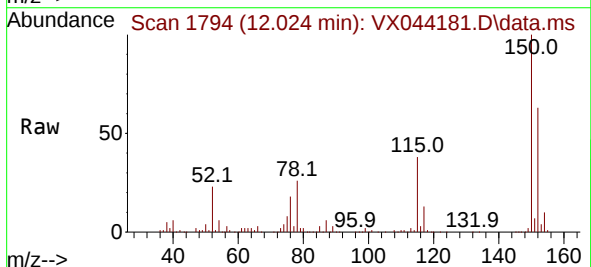
Instrument :
MSVOA_X
ClientSampleId :
IBLK

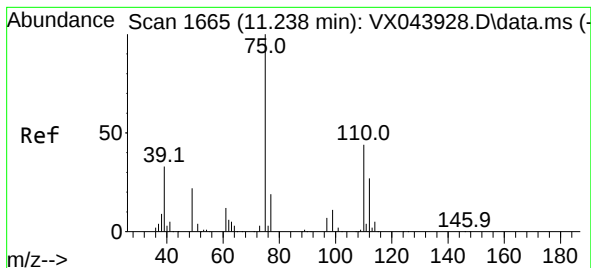
Tgt Ion:117 Resp: 209635
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 32.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX044181.D
Acq: 09 Dec 2024 12:34

Tgt Ion:152 Resp: 89812
Ion Ratio Lower Upper
152 100
115 62.7 45.4 136.2
150 156.5 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044181.D

Acq: 09 Dec 2024 12:34

Instrument :

MSVOA_X

ClientSampleId :

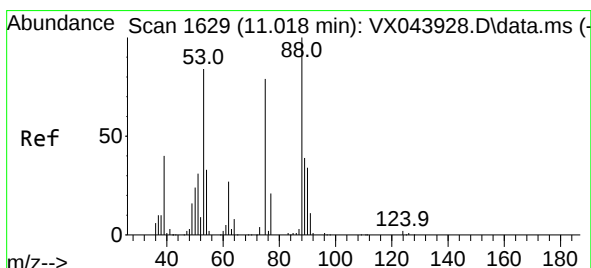
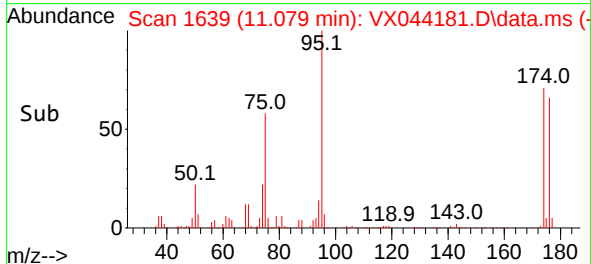
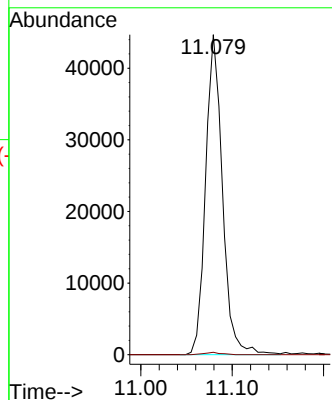
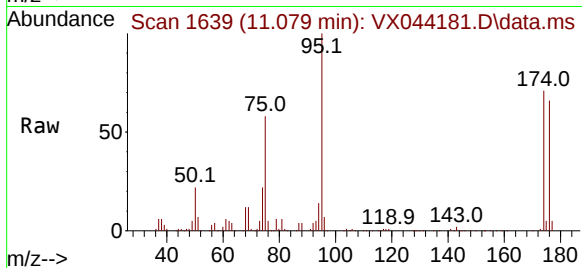
IBLK

Tgt Ion: 75 Resp: 57032

Ion Ratio Lower Upper

75 100

77 0.7 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.016 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044181.D

Acq: 09 Dec 2024 12:34

Tgt Ion: 75 Resp: 57032

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

