

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044203.D
 Acq On : 10 Dec 2024 13:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 11 01:32:00 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)

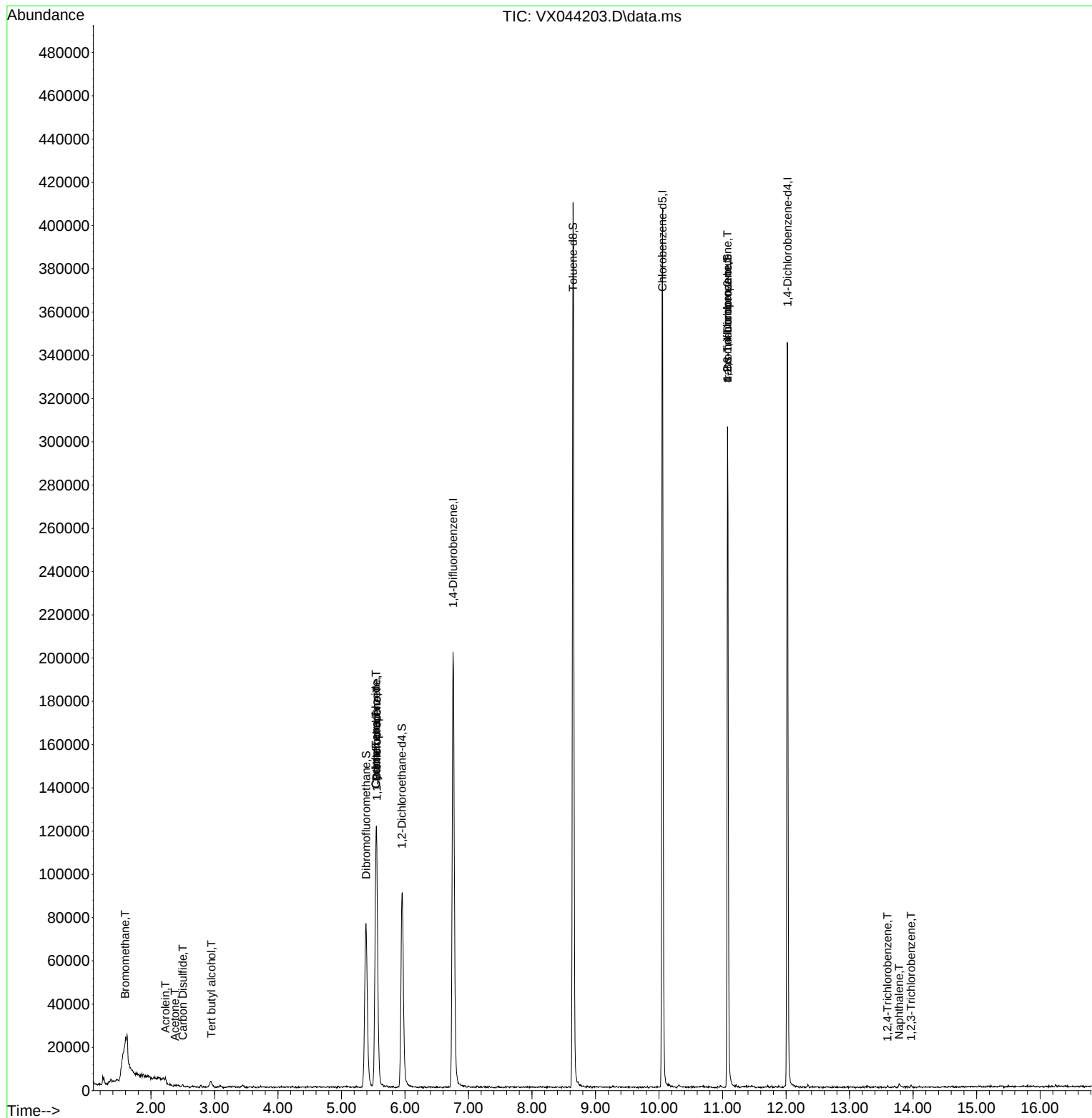
Internal Standards						
1) Pentafluorobenzene	5.549	168	105133	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	201754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89107	49.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	5.385	113	65278	45.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.646	98	241105	48.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	79932	47.262	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	790	0.861	ug/l	97
11) Tert butyl alcohol	2.952	59	1698	5.867	ug/l #	73
13) Acrolein	2.227	56	110	0.361	ug/l #	28
16) Acetone	2.379	43	504	0.609	ug/l #	46
17) Carbon Disulfide	2.501	76	696	0.279	ug/l #	86
31) Cyclohexane	5.543	56	3089	1.537	ug/l #	46
36) 1,1-Dichloropropene	5.555	75	10210	5.683	ug/l #	50
38) Carbon Tetrachloride	5.543	117	12586	6.235	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	44863	30.138	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44863	82.240	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	288	0.214	ug/l #	70
95) Naphthalene	13.780	128	1953	0.402	ug/l	94
96) 1,2,3-Trichlorobenzene	13.969	180	375	0.275	ug/l	85

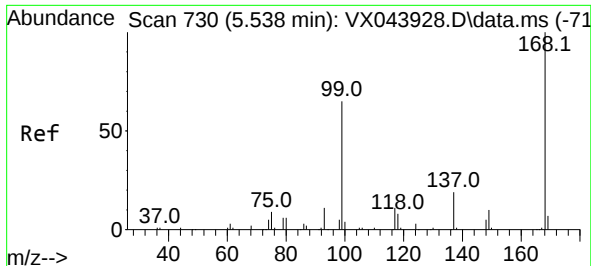
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
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IBLK

Quant Time: Dec 11 01:32:00 2024
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Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. 0.011 min

Lab File: VX044203.D

Acq: 10 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

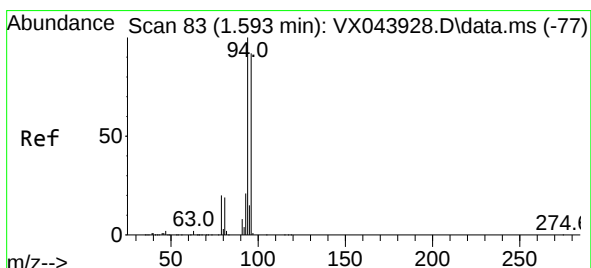
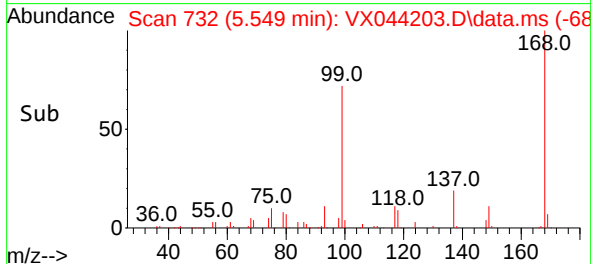
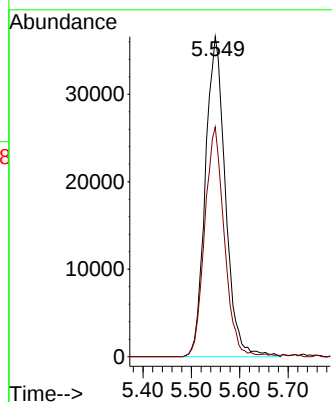
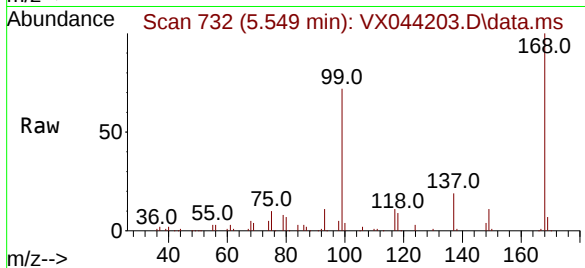
IBLK

Tgt Ion:168 Resp: 105133

Ion Ratio Lower Upper

168 100

99 71.8 51.8 77.8



#5

Bromomethane

Concen: 0.861 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.001 min

Lab File: VX044203.D

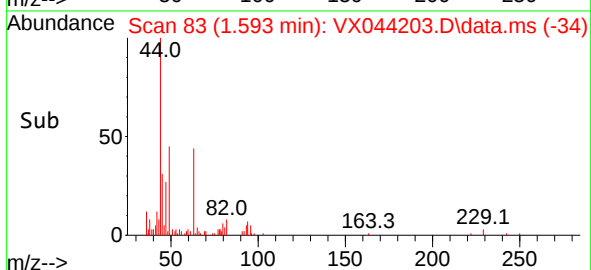
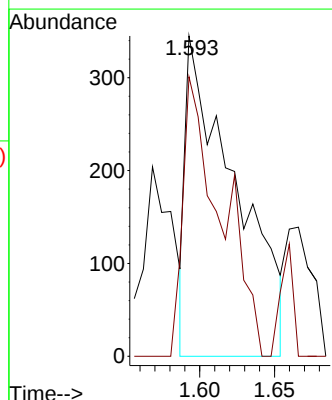
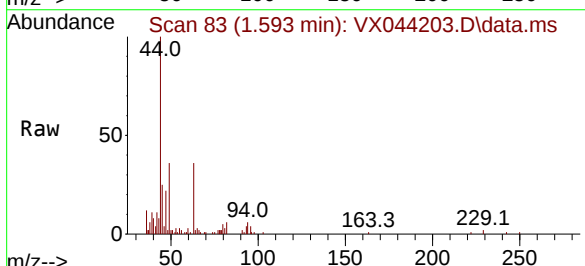
Acq: 10 Dec 2024 13:15

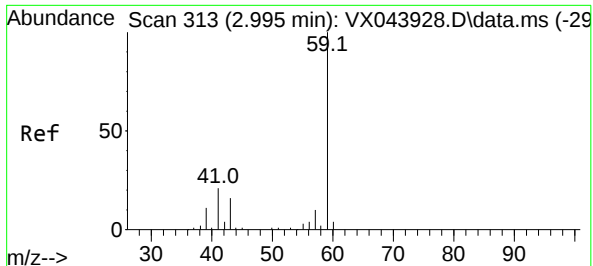
Tgt Ion: 94 Resp: 790

Ion Ratio Lower Upper

94 100

96 89.9 73.9 110.9





#11

Tert butyl alcohol

Concen: 5.867 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX044203.D

Acq: 10 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

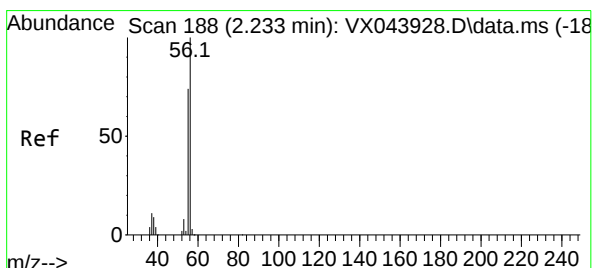
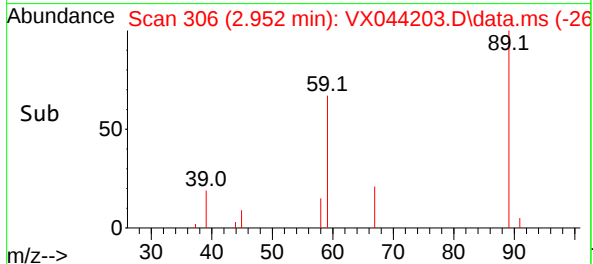
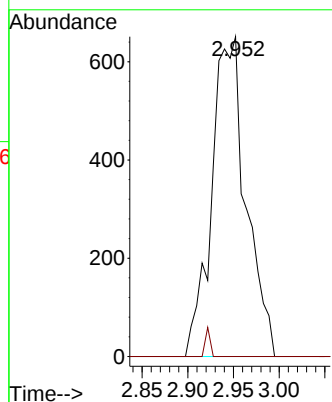
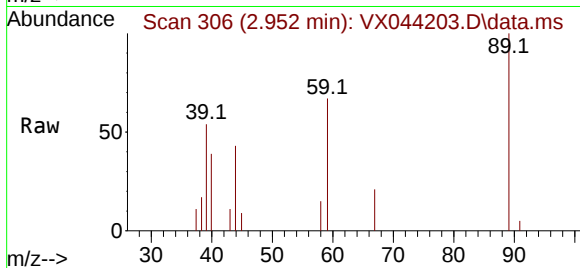
IBLK

Tgt Ion: 59 Resp: 1698

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.361 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.007 min

Lab File: VX044203.D

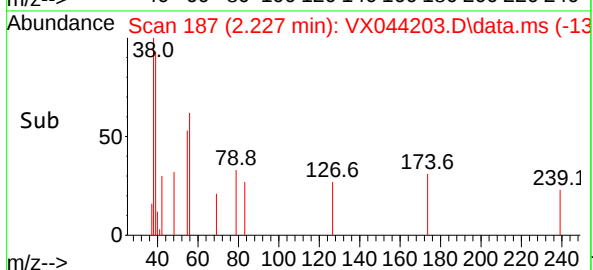
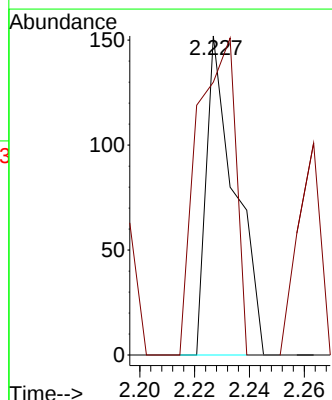
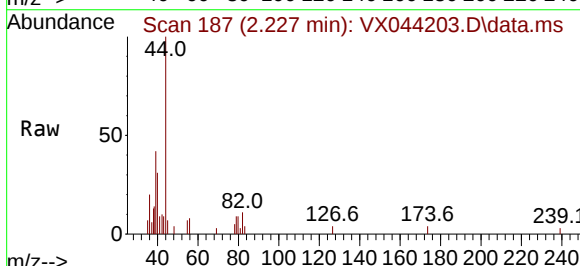
Acq: 10 Dec 2024 13:15

Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 132.7 58.2 87.2#

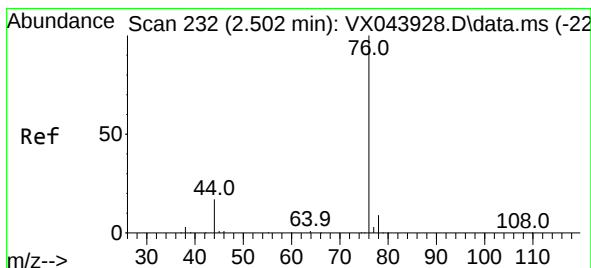
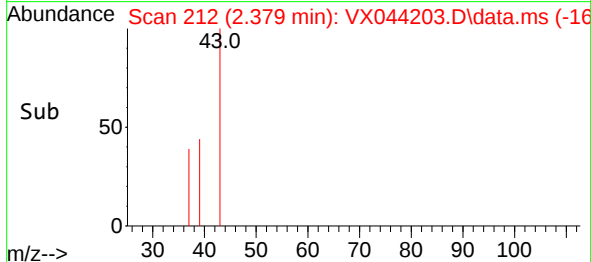
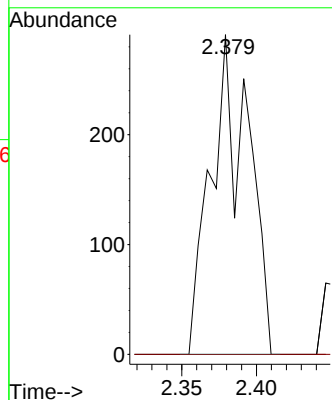
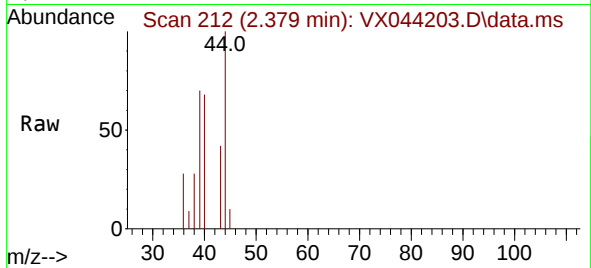




#16
Acetone
Concen: 0.609 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

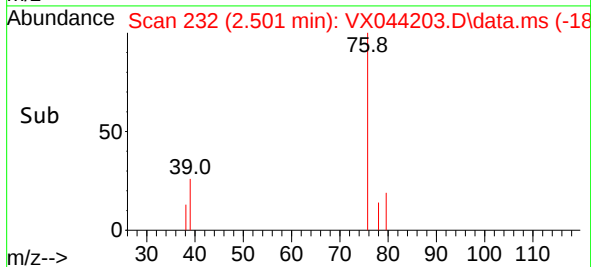
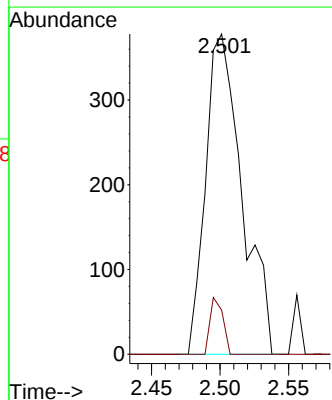
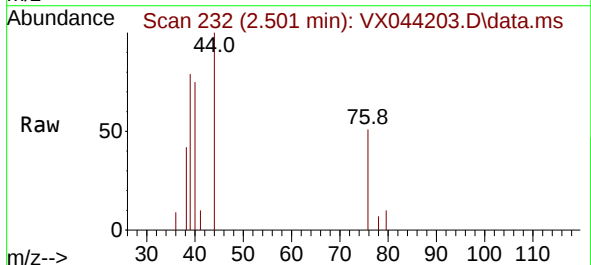
Instrument :
MSVOA_X
ClientSampleId :
IBLK

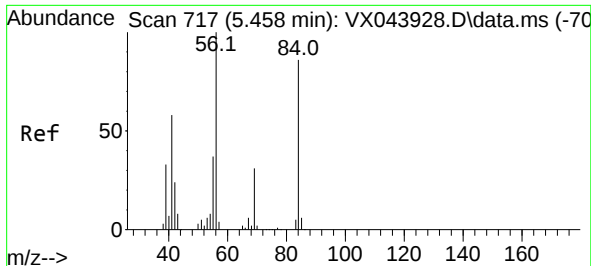
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.001 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

Tgt Ion: 76 Resp: 696
Ion Ratio Lower Upper
76 100
78 13.8 7.0 10.6#

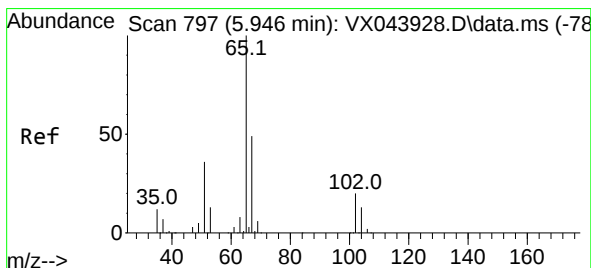
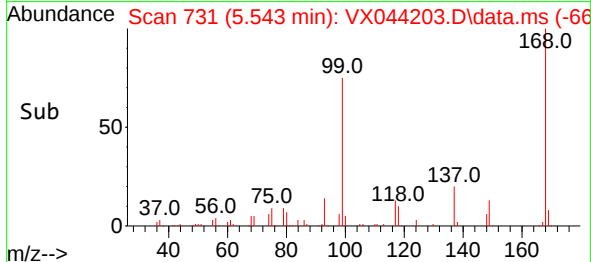
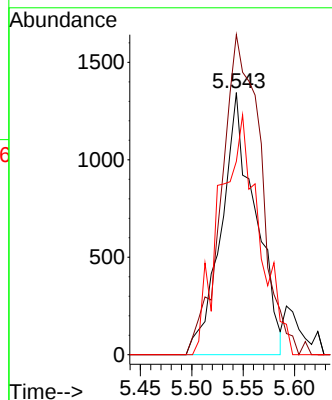
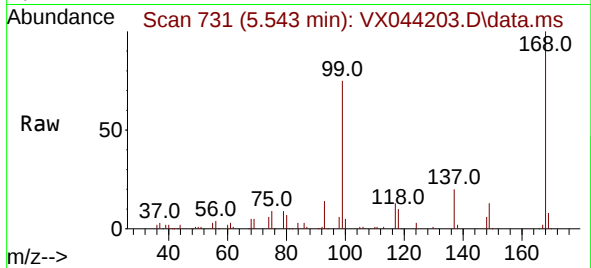




#31
Cyclohexane
Concen: 1.537 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

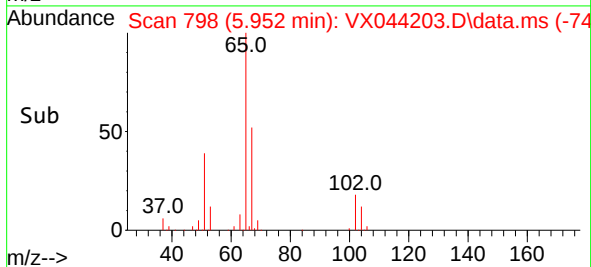
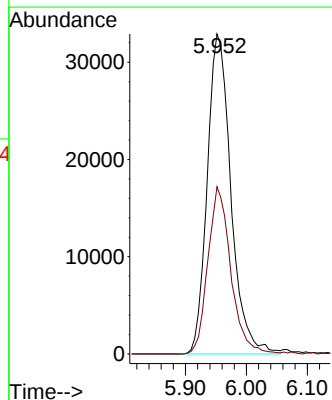
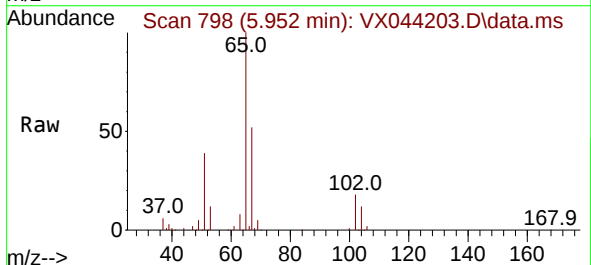
Instrument :
MSVOA_X
ClientSampleId :
IBLK

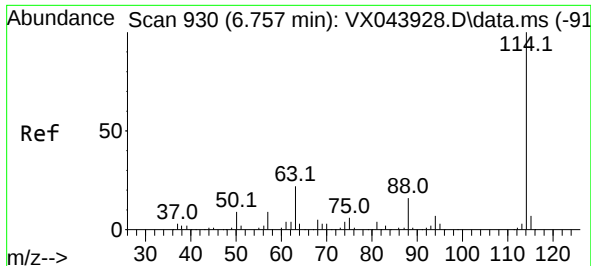
Tgt Ion: 56 Resp: 3089
Ion Ratio Lower Upper
56 100
69 122.1 24.7 37.1#
84 73.8 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 49.416 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

Tgt Ion: 65 Resp: 89107
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

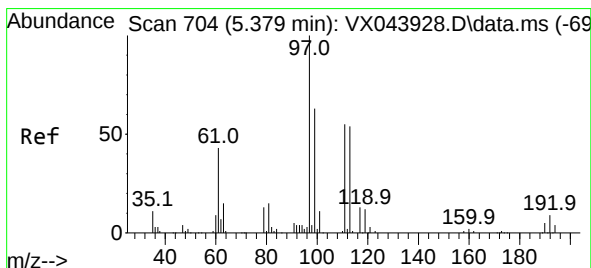
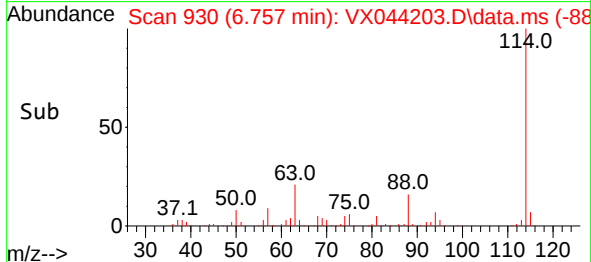
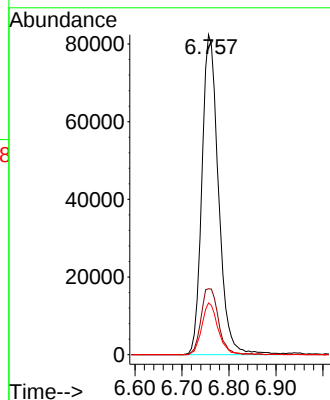
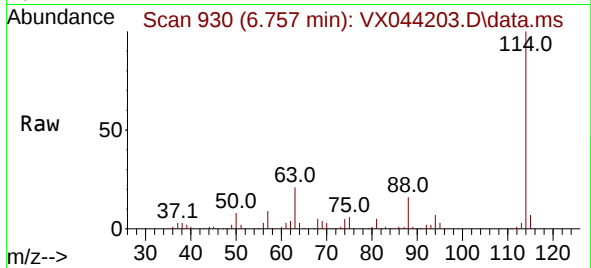




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

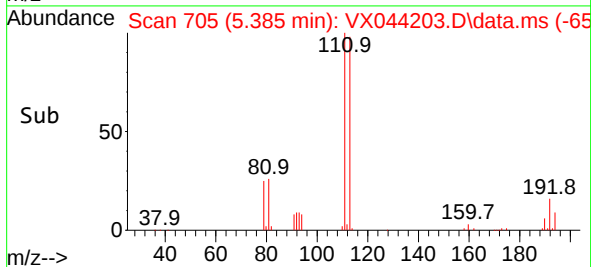
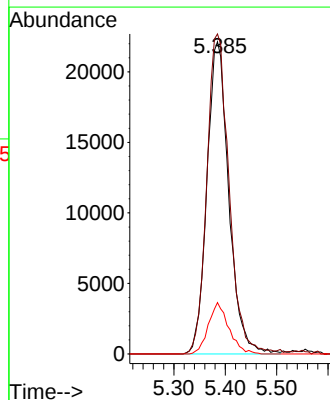
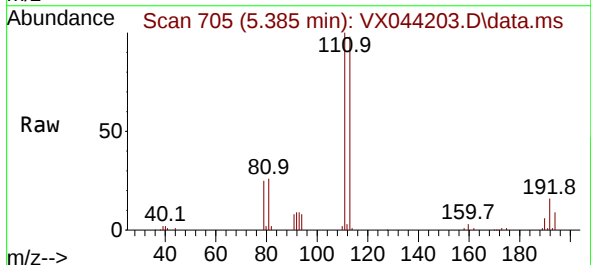
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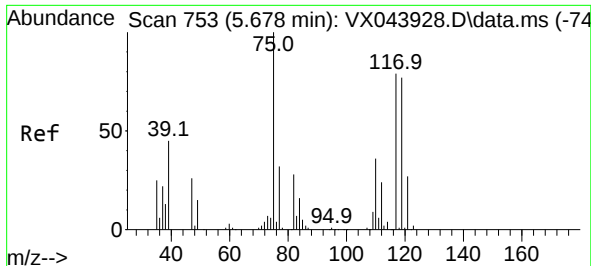
Tgt Ion:114 Resp: 201754
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.281 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

Tgt Ion:113 Resp: 65278
Ion Ratio Lower Upper
113 100
111 104.8 81.0 121.4
192 15.4 13.0 19.6

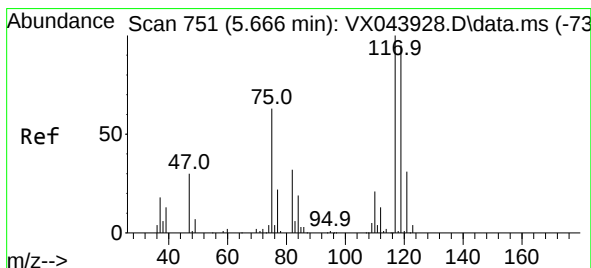
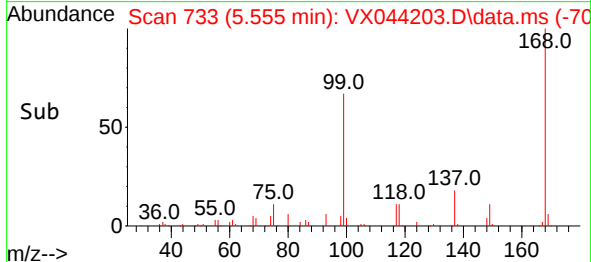
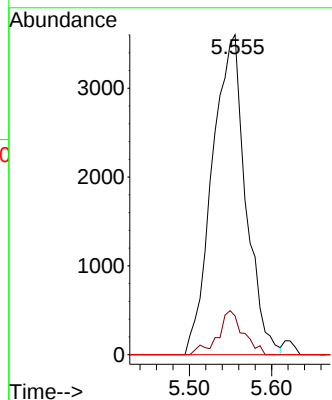
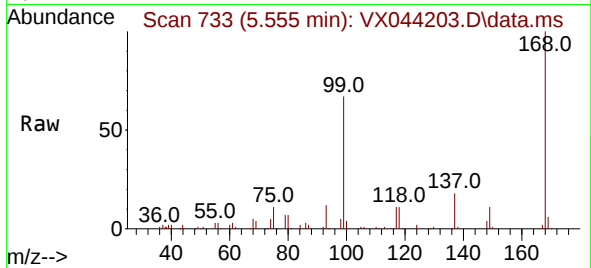




#36
1,1-Dichloropropene
Concen: 5.683 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

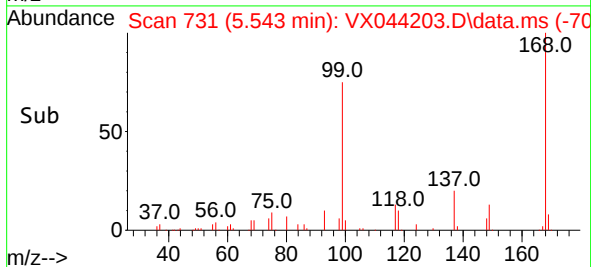
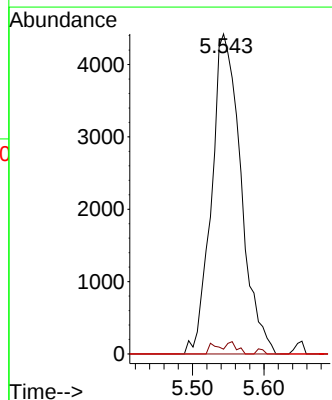
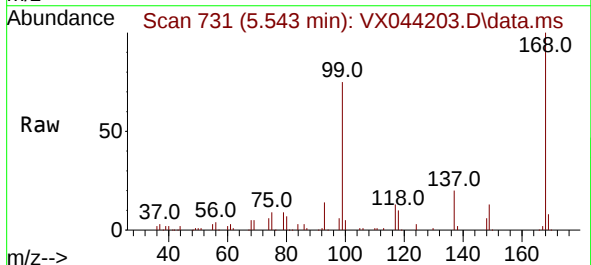
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IBLK

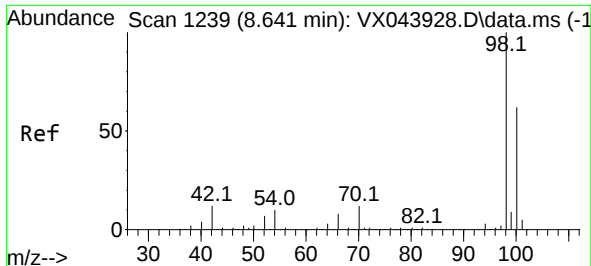
Tgt Ion: 75 Resp: 10210
Ion Ratio Lower Upper
75 100
110 10.4 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.235 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

Tgt Ion: 117 Resp: 12586
Ion Ratio Lower Upper
117 100
119 1.5 75.2 112.8#
121 0.0 24.5 36.7#

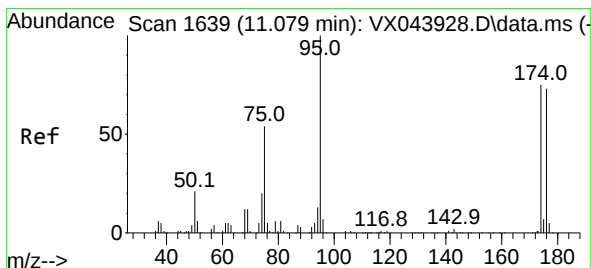
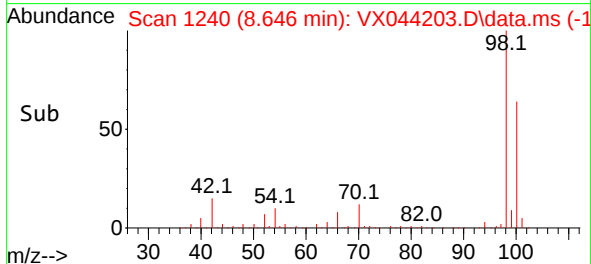
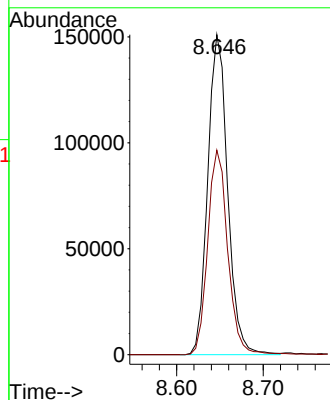
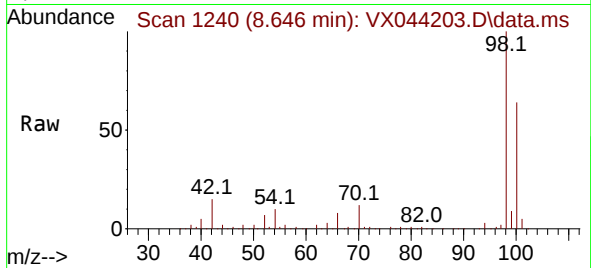




#50
Toluene-d8
Concen: 48.517 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

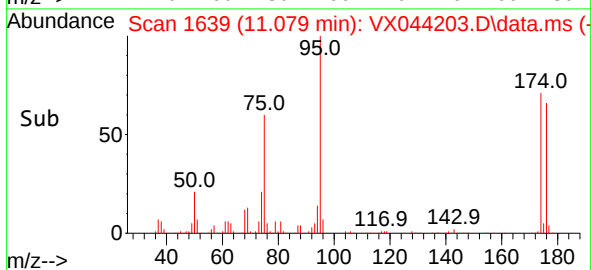
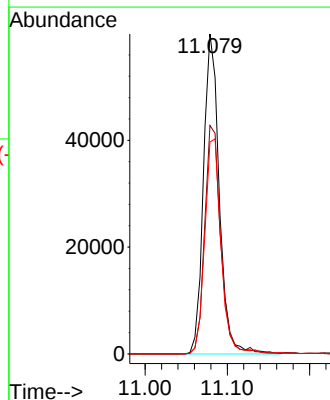
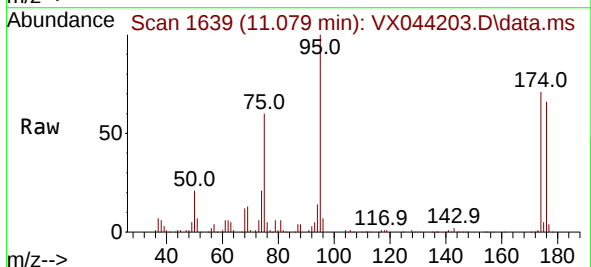
Instrument :
MSVOA_X
ClientSampleId :
IBLK

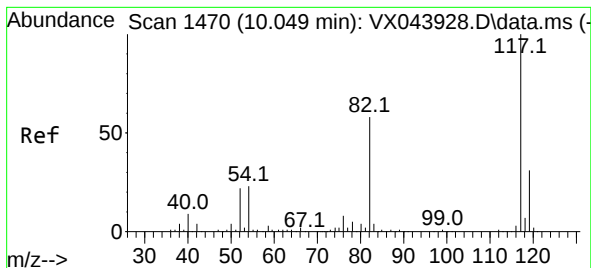
Tgt Ion: 98 Resp: 241105
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 47.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

Tgt Ion: 95 Resp: 79932
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.4
176 69.6 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: VX044203.D

Acq: 10 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

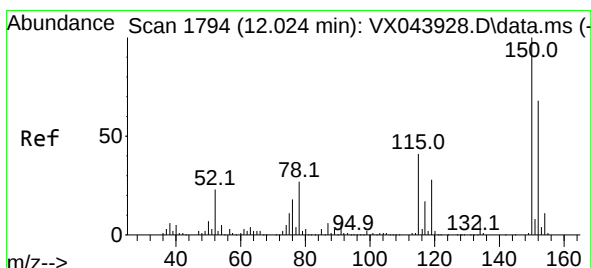
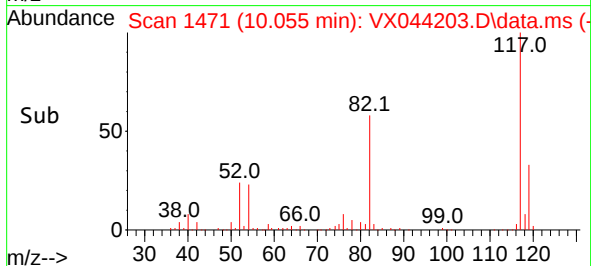
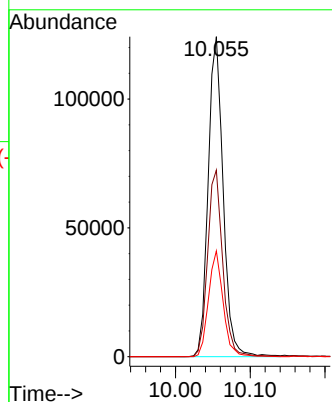
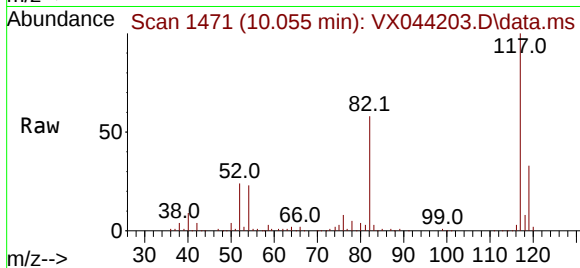
Tgt Ion:117 Resp: 173000

Ion Ratio Lower Upper

117 100

82 58.3 46.4 69.6

119 33.1 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.001 min

Lab File: VX044203.D

Acq: 10 Dec 2024 13:15

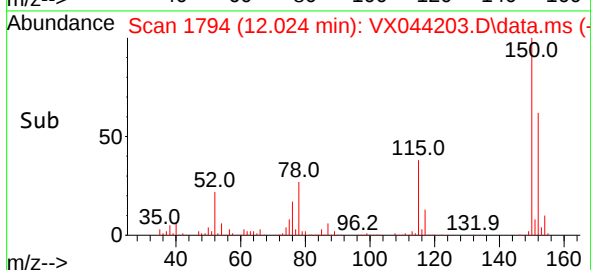
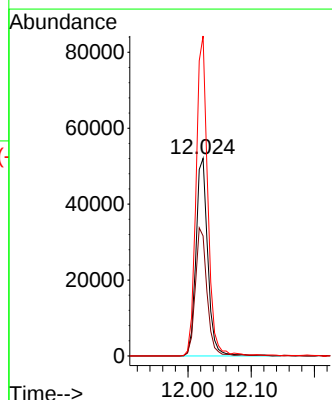
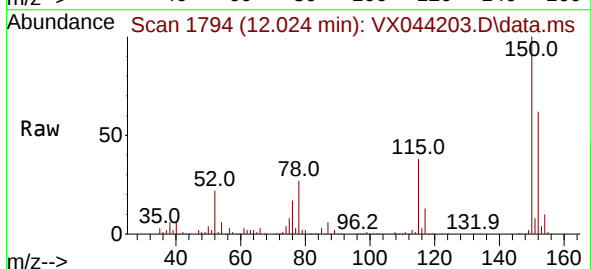
Tgt Ion:152 Resp: 67879

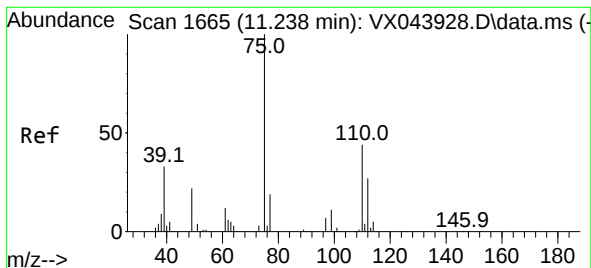
Ion Ratio Lower Upper

152 100

115 63.8 45.4 136.2

150 159.2 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 30.138 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044203.D

Acq: 10 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

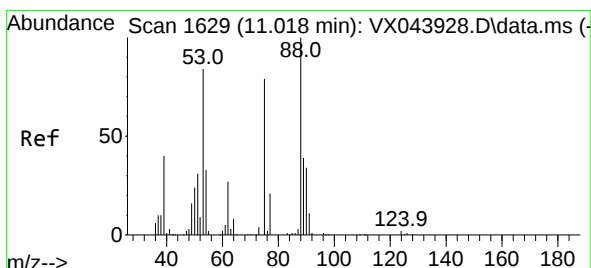
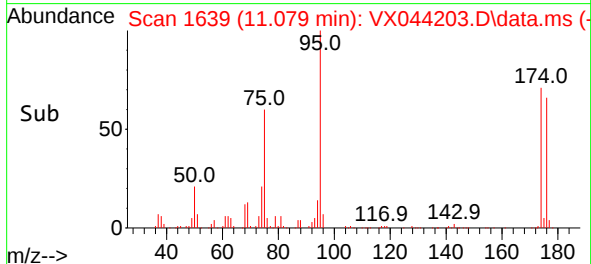
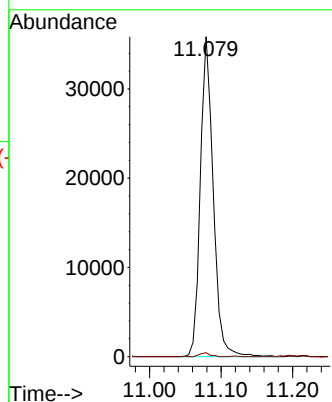
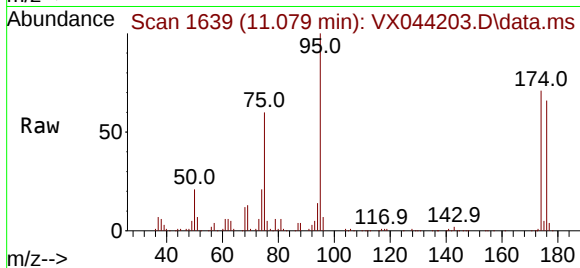
IBLK

Tgt Ion: 75 Resp: 44863

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.240 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.060 min

Lab File: VX044203.D

Acq: 10 Dec 2024 13:15

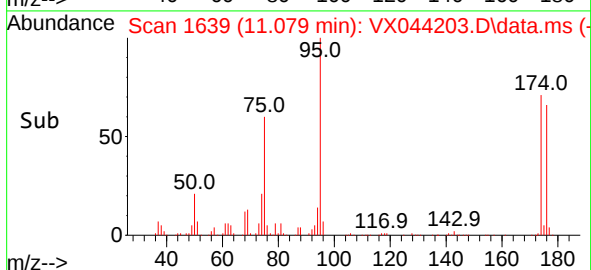
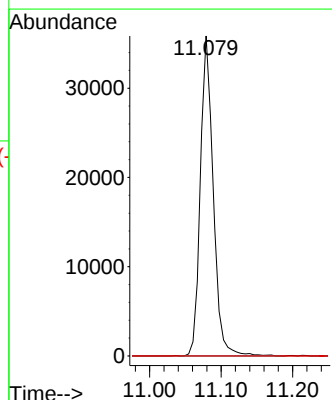
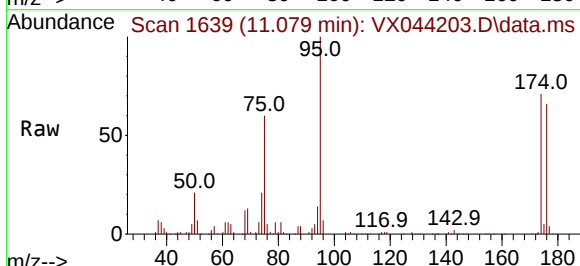
Tgt Ion: 75 Resp: 44863

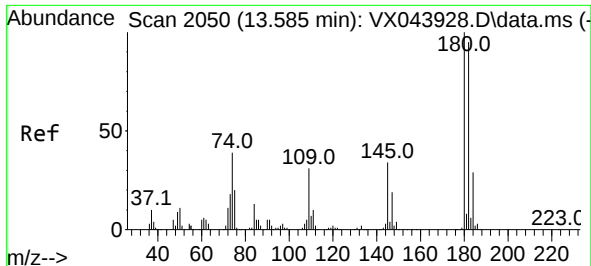
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

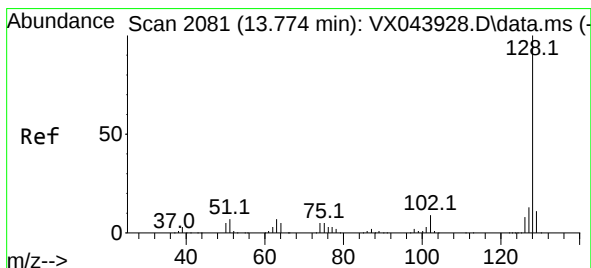
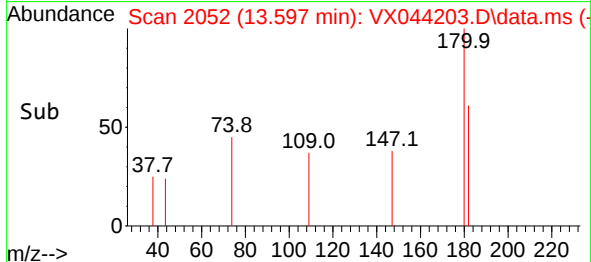
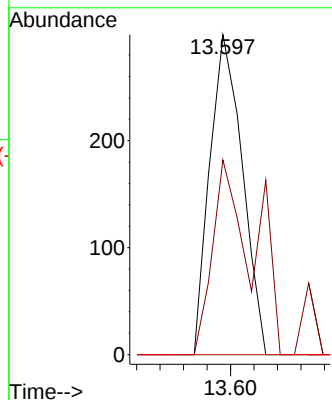
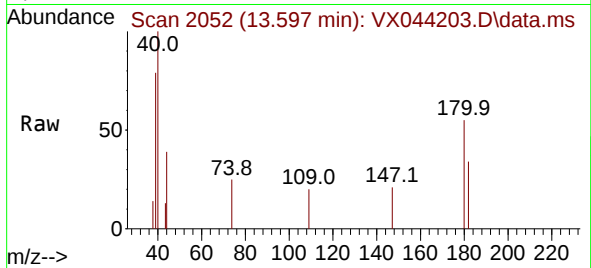




#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

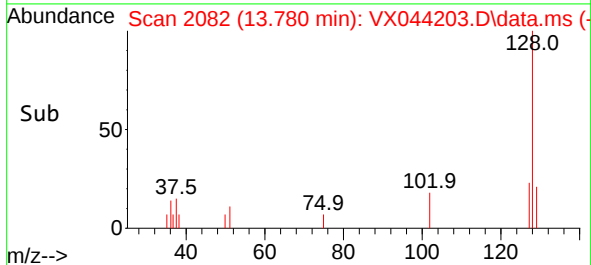
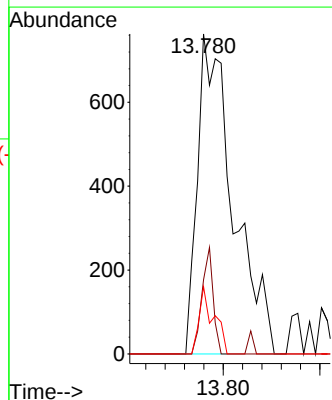
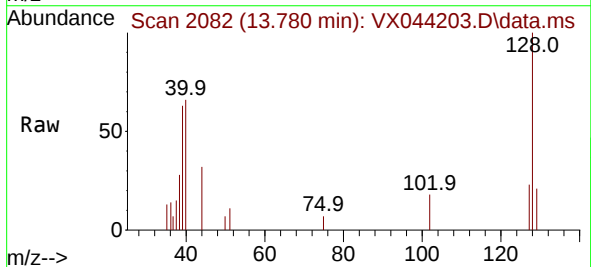
Instrument :
MSVOA_X
ClientSampleId :
IBLK

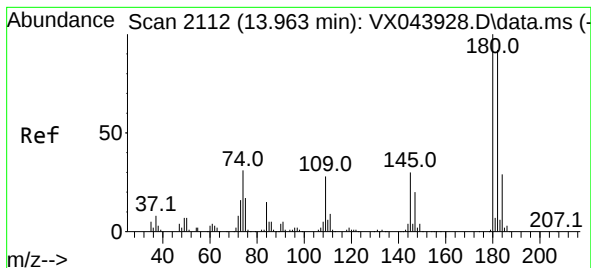
Tgt Ion:180 Resp: 288
Ion Ratio Lower Upper
180 100
182 76.4 48.0 144.2
145 0.0 16.8 50.4#



#95
Naphthalene
Concen: 0.402 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044203.D
Acq: 10 Dec 2024 13:15

Tgt Ion:128 Resp: 1953
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.2
129 8.7 8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.275 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044203.D

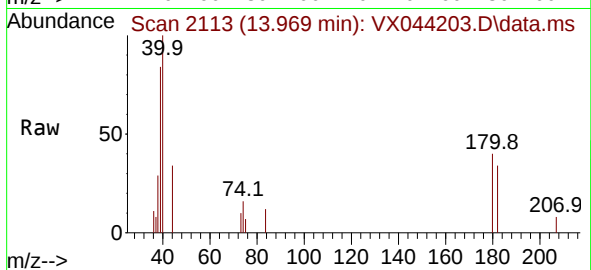
Acq: 10 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 375

Ion Ratio Lower Upper

180 100

182 77.3 45.6 136.8

145 23.2 16.4 49.4

