

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046057.D
 Acq On : 06 May 2025 12:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 07 01:45:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

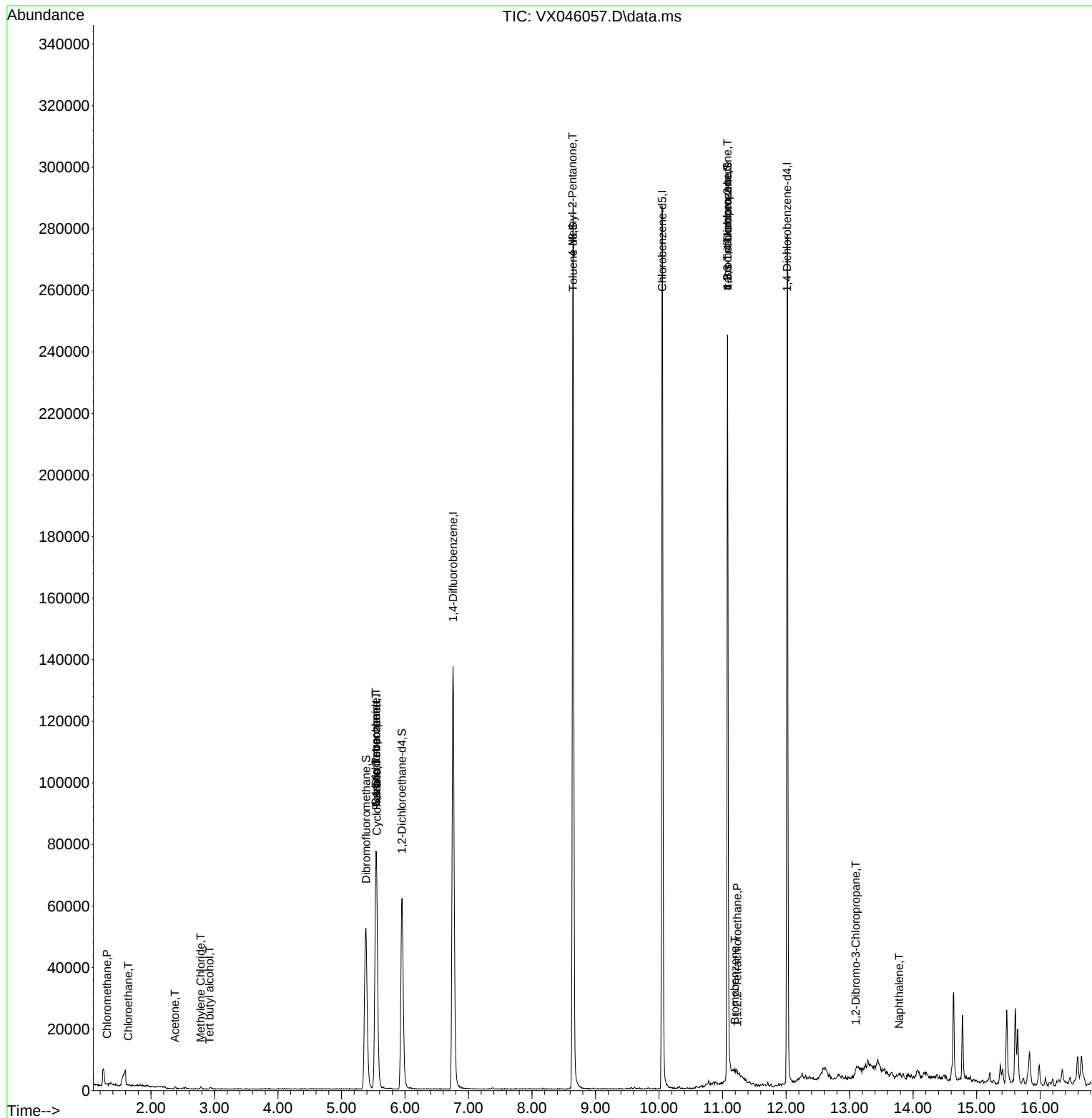
Internal Standards						
1) Pentafluorobenzene	5.550	168	65869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63716	51.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	5.385	113	47019	50.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	8.647	98	162526	50.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	62523	50.551	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.100%			
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	568	0.581	ug/l	96
6) Chloroethane	1.642	64	139	0.286	ug/l #	44
11) Tert butyl alcohol	2.922	59	137	0.795	ug/l #	72
16) Acetone	2.379	43	880	1.787	ug/l	92
20) Methylene Chloride	2.782	84	359	0.380	ug/l #	73
31) Cyclohexane	5.556	56	2076	1.419	ug/l #	55
36) 1,1-Dichloropropene	5.544	75	6604	5.276	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8070	5.738	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	952	0.608	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.232	83	569	0.408	ug/l #	31
76) 1,2,3-Trichloropropane	11.079	75	36364	29.569	ug/l #	37
77) Bromobenzene	11.195	156	280	0.303	ug/l #	1
81) trans-1,4-Dichloro-2-b...	11.079	75	36364	96.267	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	13.097	75	85	0.275	ug/l #	25
95) Naphthalene	13.780	128	1146	0.322	ug/l #	77

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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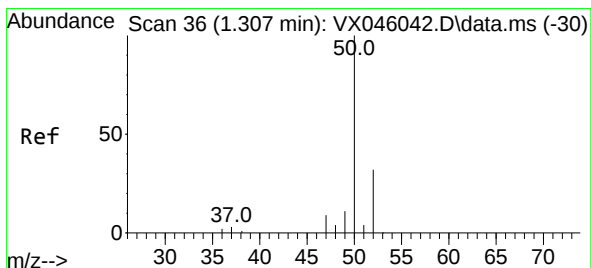
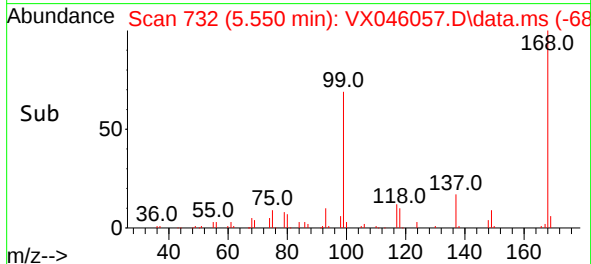
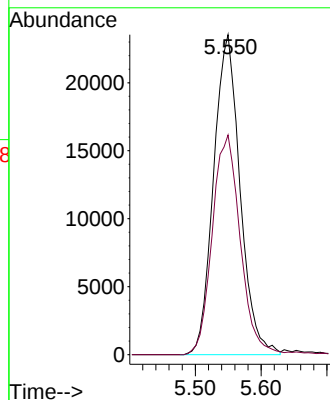
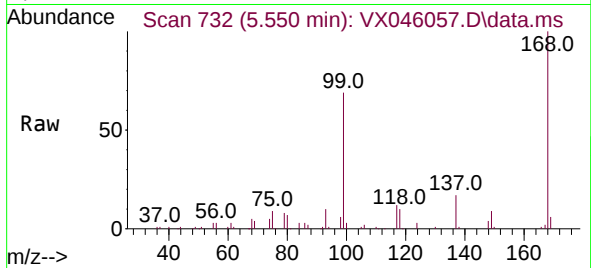




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

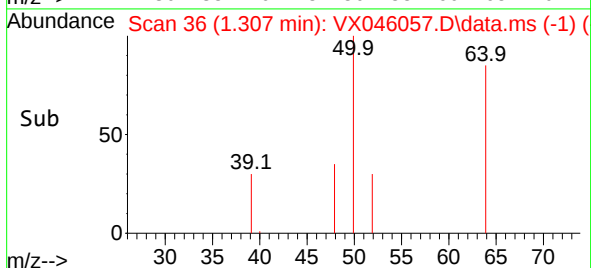
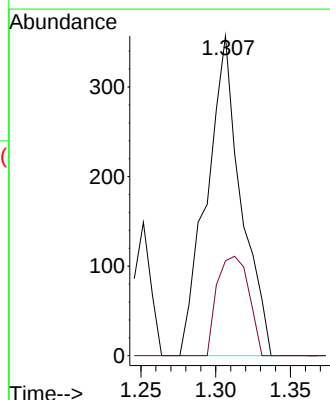
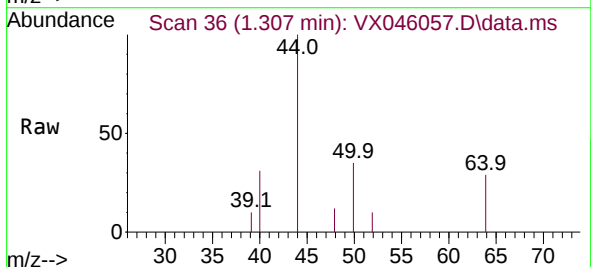
Instrument :
MSVOA_X
ClientSampleId :
IBLK

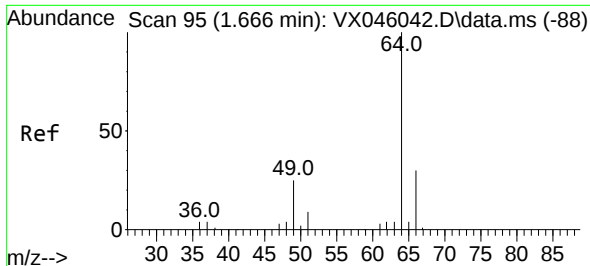
Tgt Ion:168 Resp: 65869
Ion Ratio Lower Upper
168 100
99 68.7 54.9 82.3



#3
Chloromethane
Concen: 0.581 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 29.7 25.4 38.2

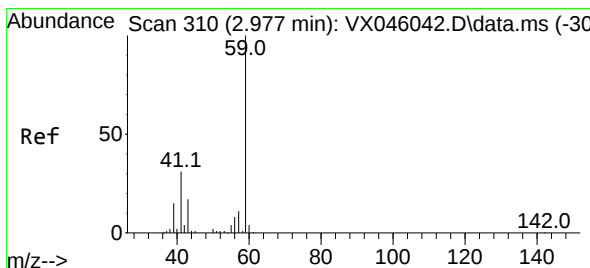
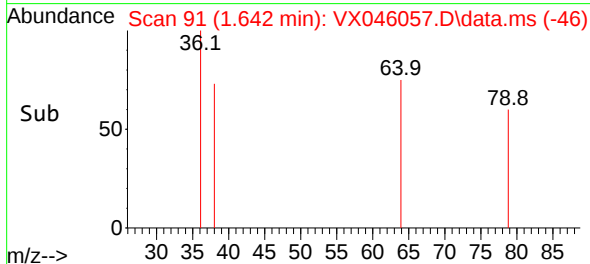
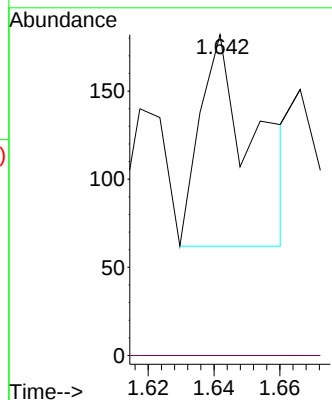
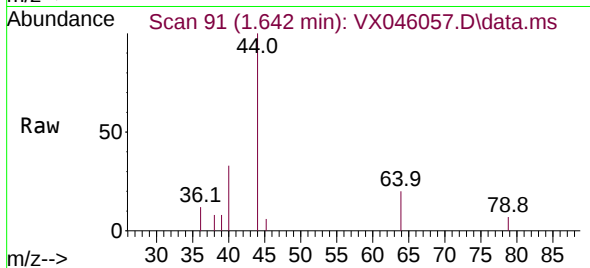




#6
Chloroethane
Concen: 0.286 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

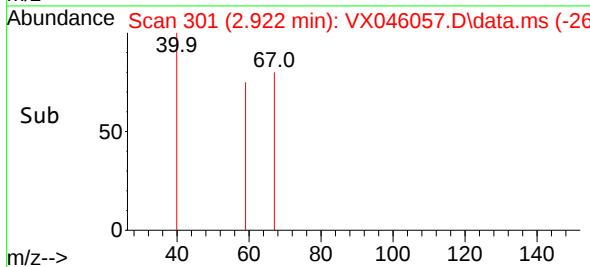
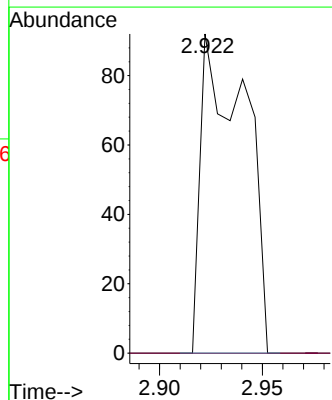
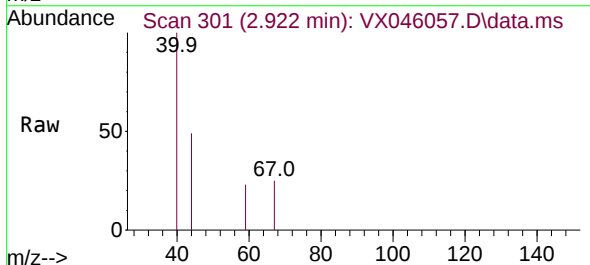
Instrument :
MSVOA_X
ClientSampleId :
IBLK

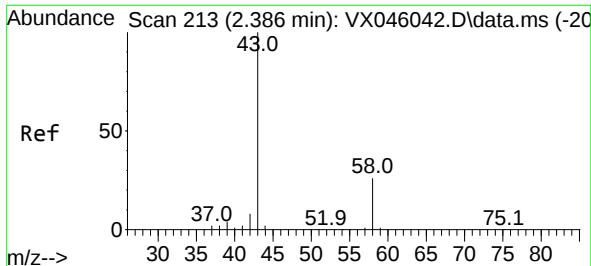
Tgt Ion: 64 Resp: 139
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#11
Tert butyl alcohol
Concen: 0.795 ug/l
RT: 2.922 min Scan# 301
Delta R.T. -0.055 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#16

Acetone

Concen: 1.787 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX046057.D

Acq: 06 May 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

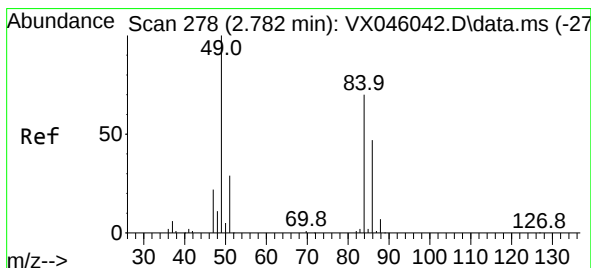
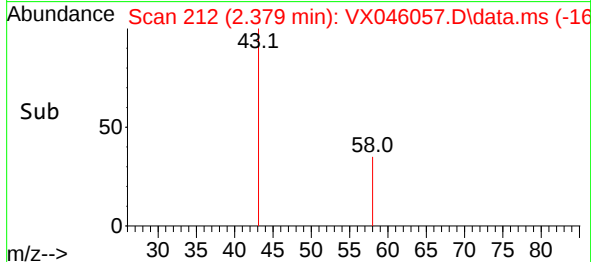
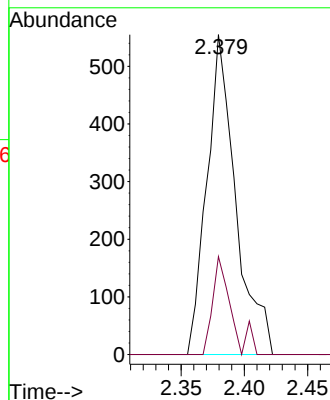
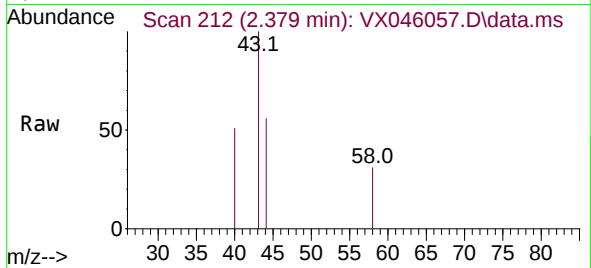
IBLK

Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

58 30.6 21.2 31.8



#20

Methylene Chloride

Concen: 0.380 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046057.D

Acq: 06 May 2025 12:39

Tgt Ion: 84 Resp: 359

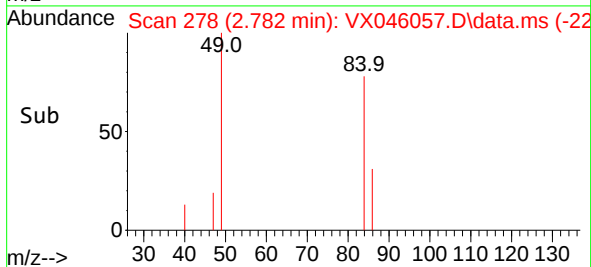
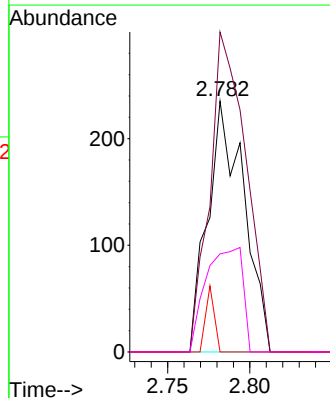
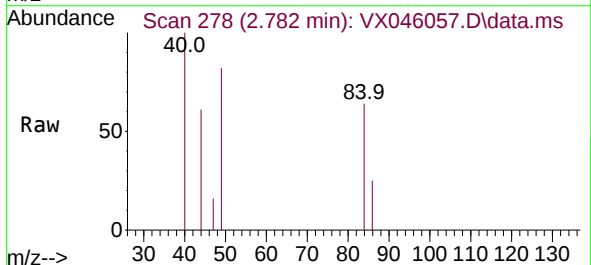
Ion Ratio Lower Upper

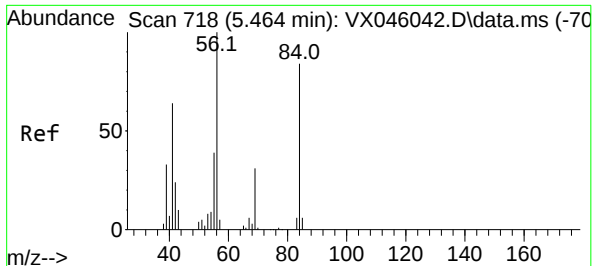
84 100

49 127.7 113.9 170.9

51 0.0 33.5 50.3#

86 39.1 53.8 80.8#

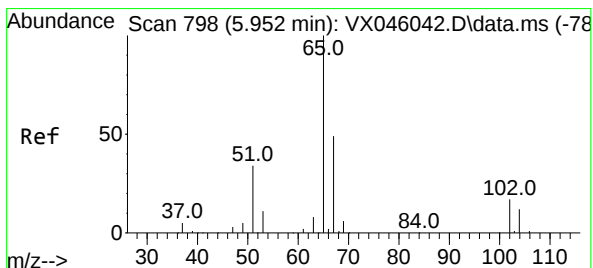
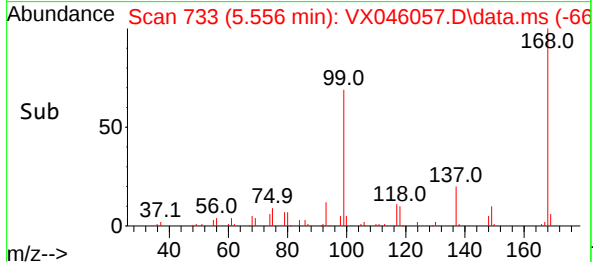
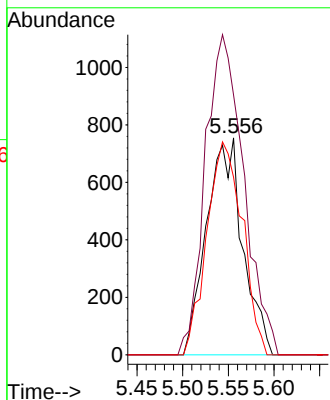
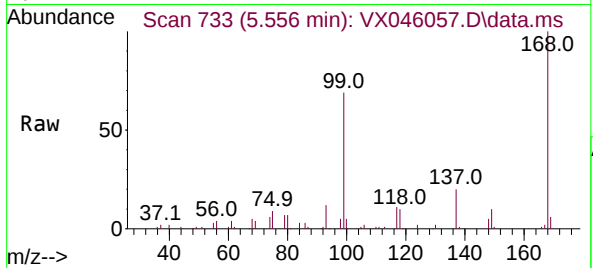




#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

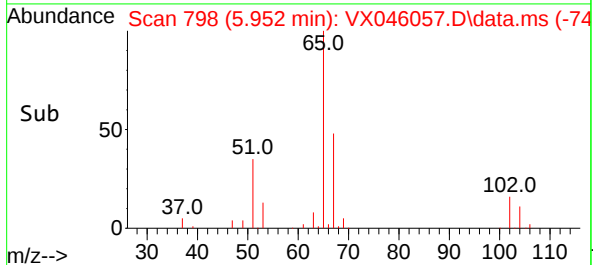
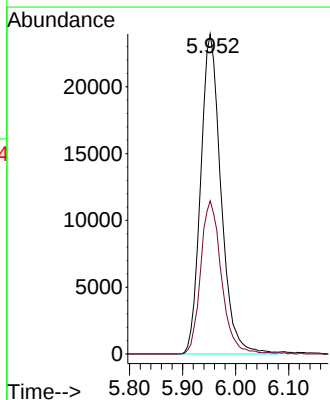
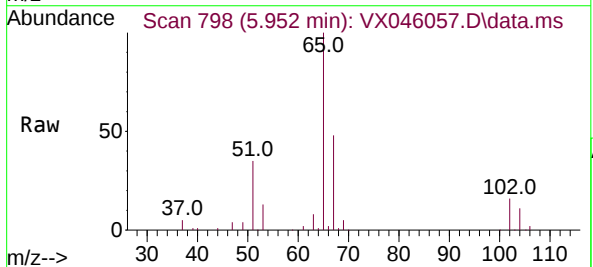
Instrument :
MSVOA_X
ClientSampleId :
IBLK

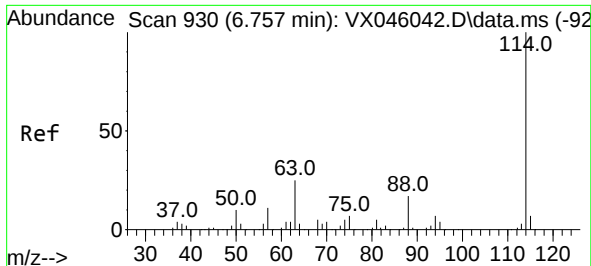
Tgt Ion: 56 Resp: 2076
Ion Ratio Lower Upper
56 100
69 119.7 24.4 36.6#
84 81.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.886 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion: 65 Resp: 63716
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

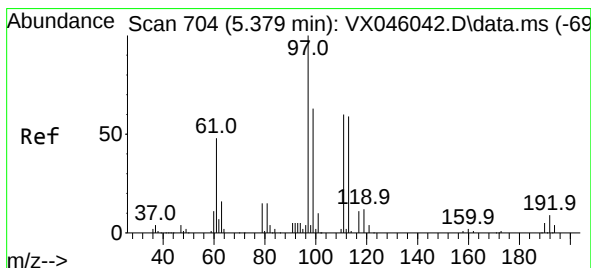
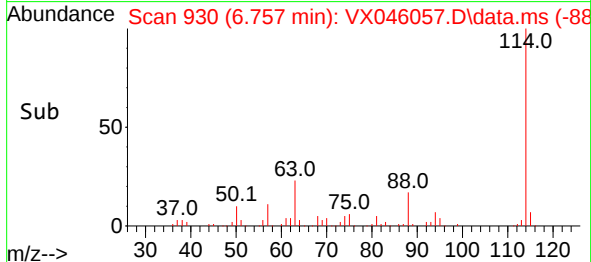
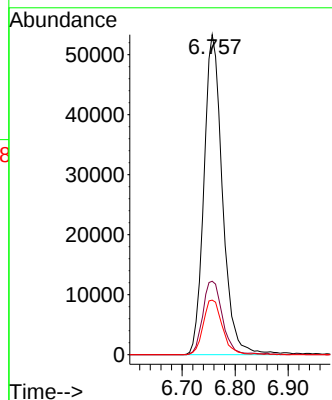
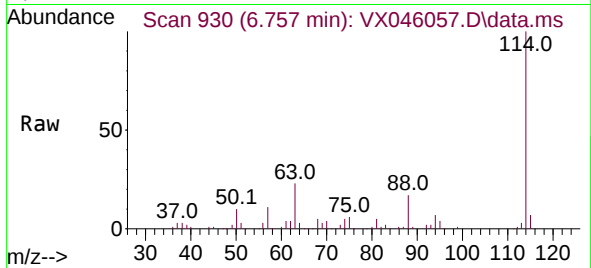




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

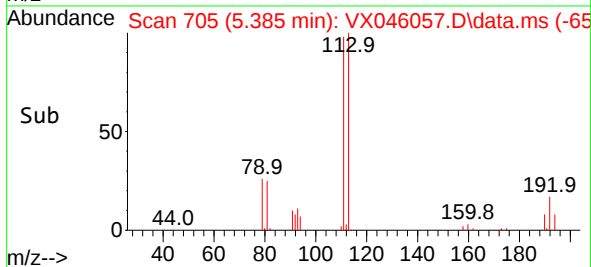
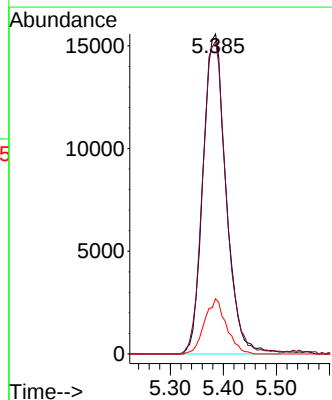
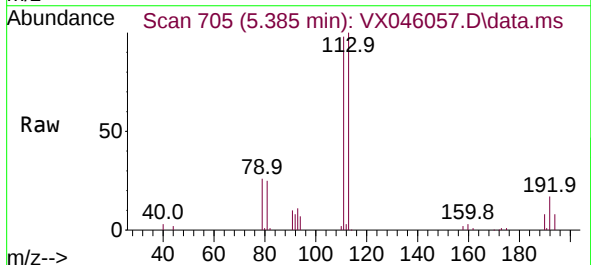
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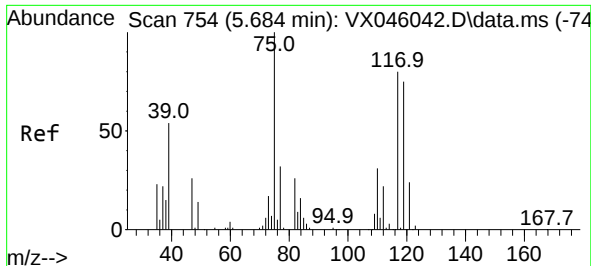
Tgt Ion:114 Resp: 129369
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion:113 Resp: 47019
Ion Ratio Lower Upper
113 100
111 99.5 83.1 124.7
192 16.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.276 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046057.D

Acq: 06 May 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

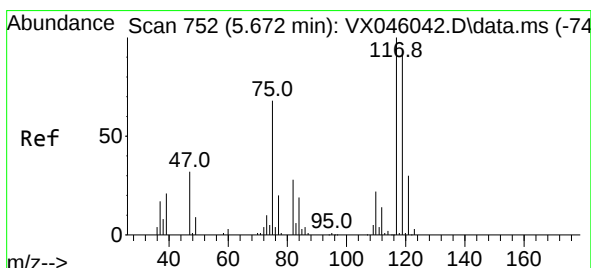
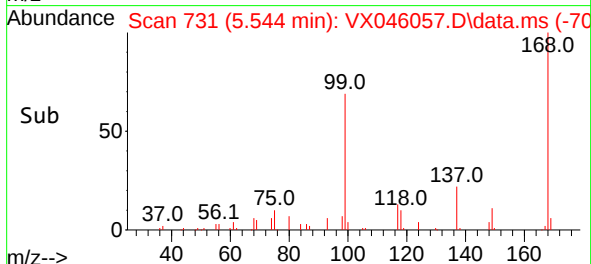
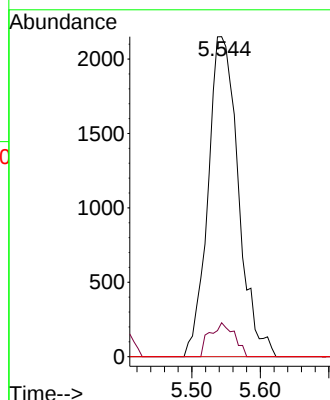
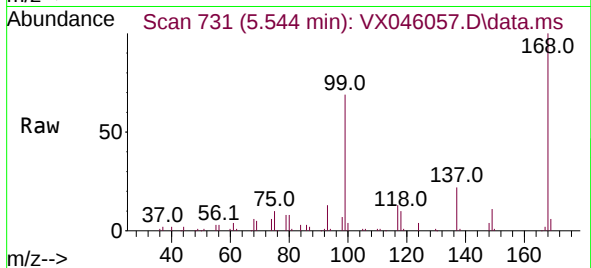
Tgt Ion: 75 Resp: 6604

Ion Ratio Lower Upper

75 100

110 8.6 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046057.D

Acq: 06 May 2025 12:39

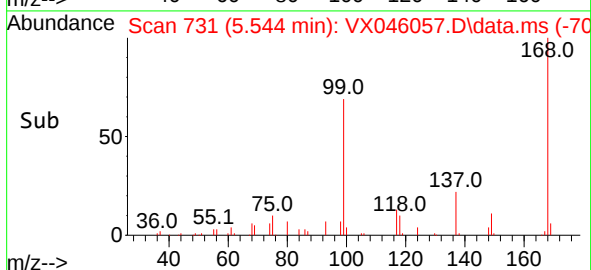
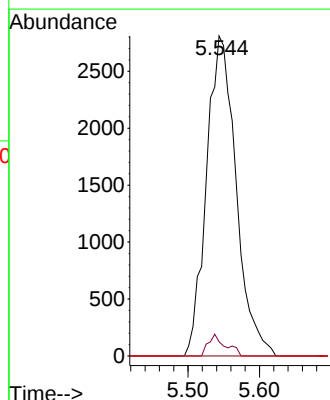
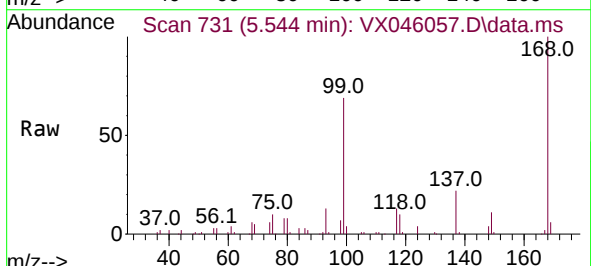
Tgt Ion: 117 Resp: 8070

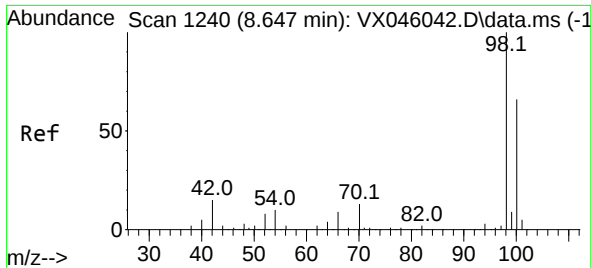
Ion Ratio Lower Upper

117 100

119 4.4 75.2 112.8#

121 0.0 24.2 36.4#

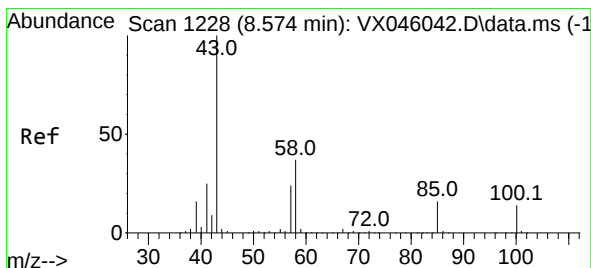
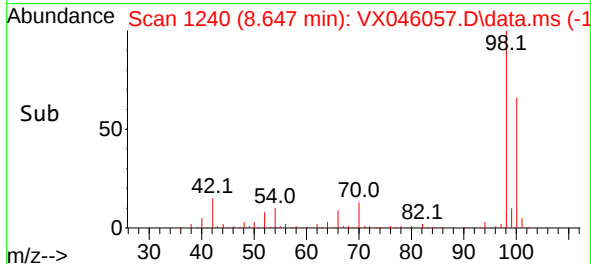
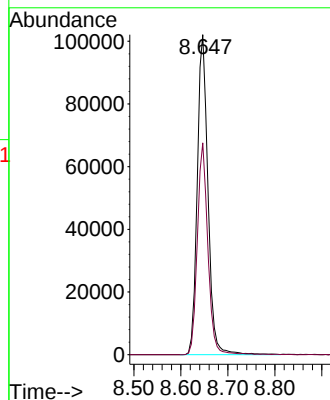
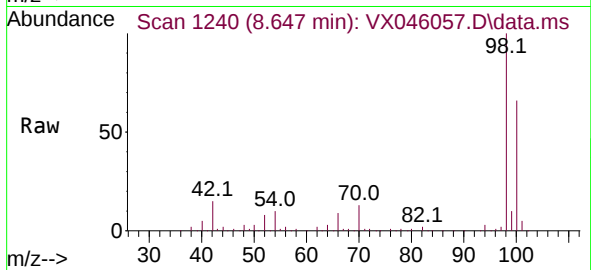




#50
Toluene-d8
Concen: 50.406 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

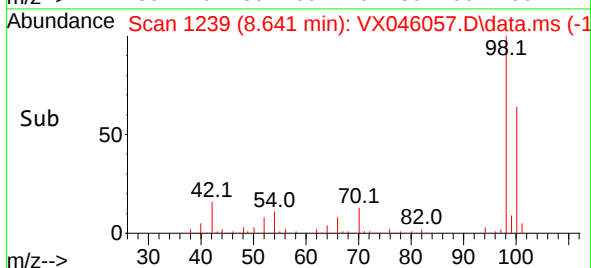
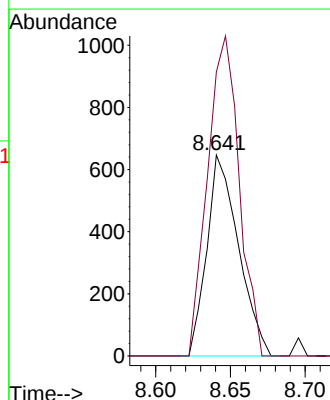
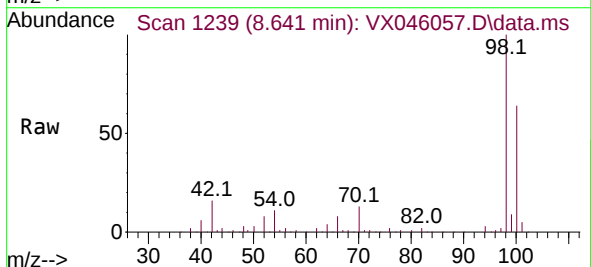
Instrument :
MSVOA_X
ClientSampleId :
IBLK

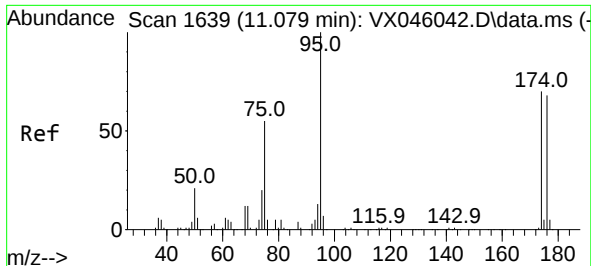
Tgt Ion: 98 Resp: 162526
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 159.1 28.9 43.3#

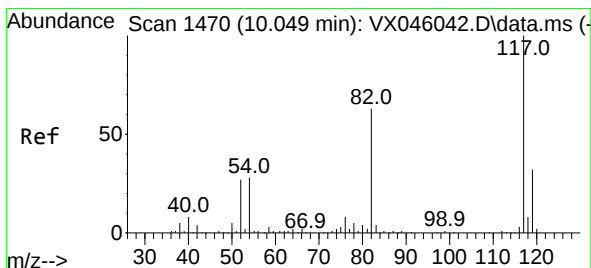
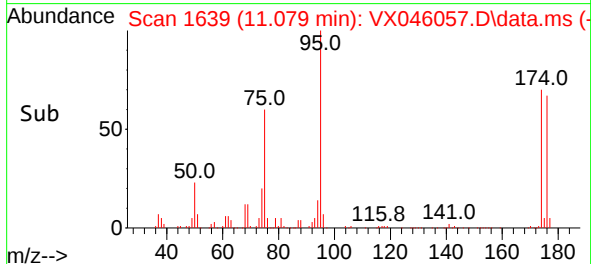
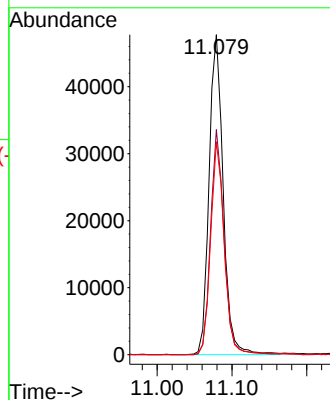
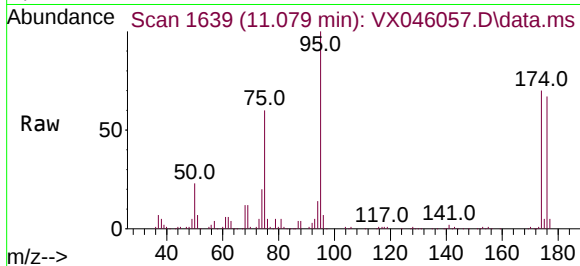




#62
4-Bromofluorobenzene
Concen: 50.551 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

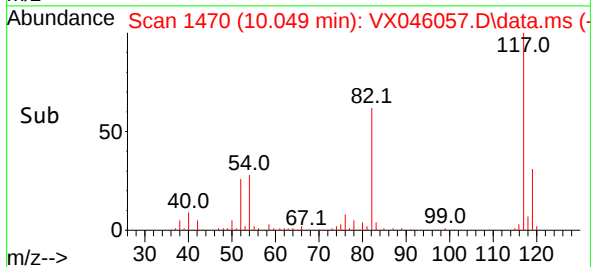
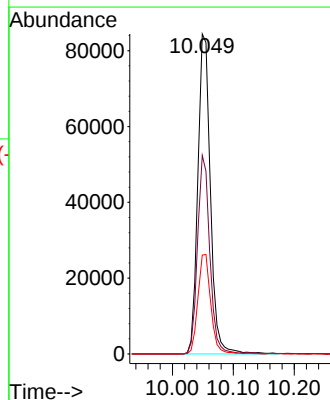
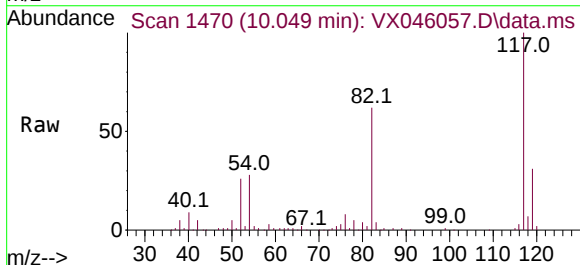
Instrument :
MSVOA_X
ClientSampleId :
IBLK

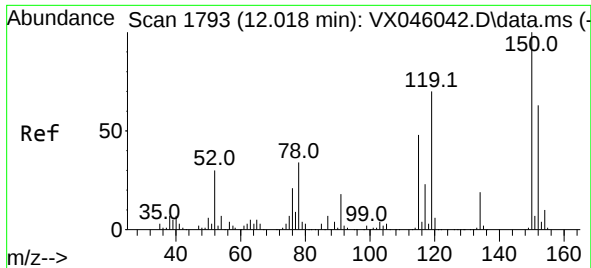
Tgt Ion: 95 Resp: 62523
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion: 117 Resp: 121000
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 30.9 25.8 38.6

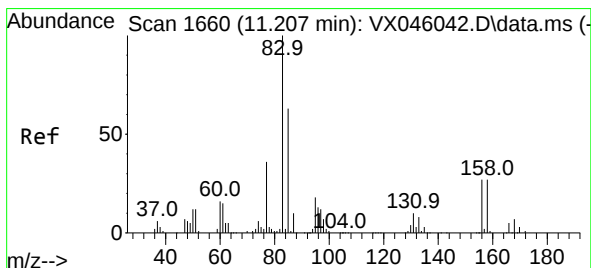
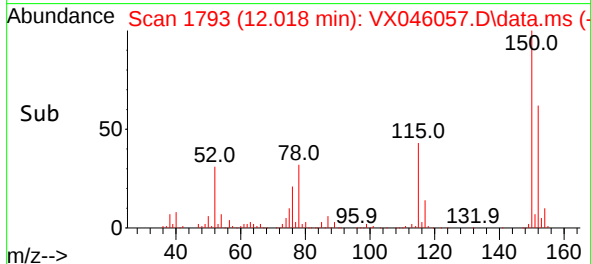
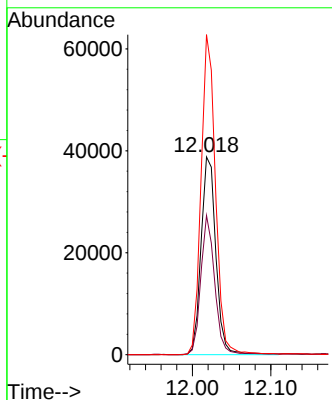
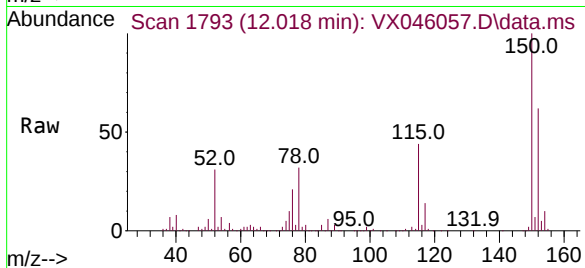




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046057.D
 Acq: 06 May 2025 12:39

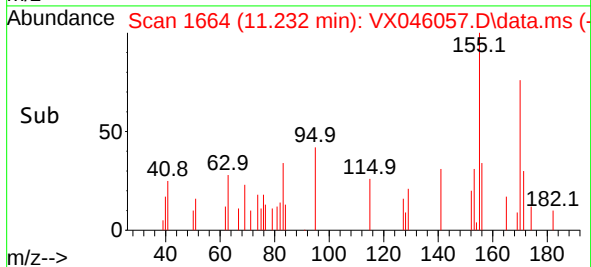
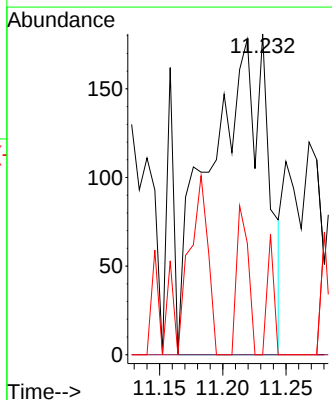
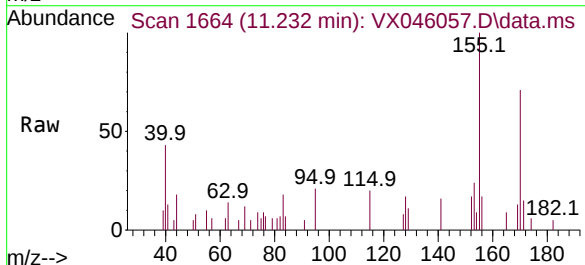
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

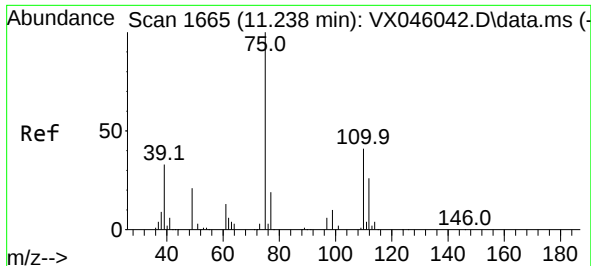
Tgt Ion:152 Resp: 51092
 Ion Ratio Lower Upper
 152 100
 115 66.5 46.9 140.7
 150 157.5 0.0 351.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.408 ug/l
 RT: 11.232 min Scan# 1664
 Delta R.T. 0.024 min
 Lab File: VX046057.D
 Acq: 06 May 2025 12:39

Tgt Ion: 83 Resp: 569
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 4.4 31.9 95.7#

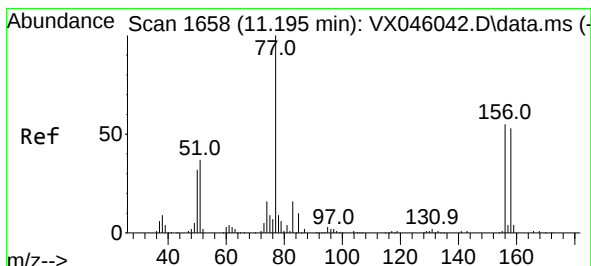
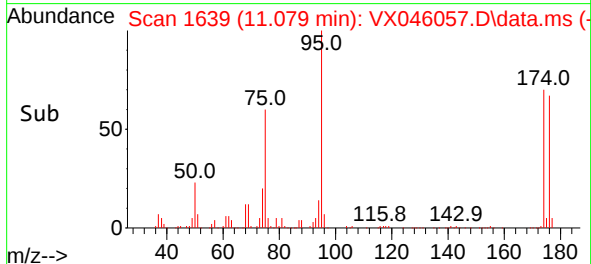
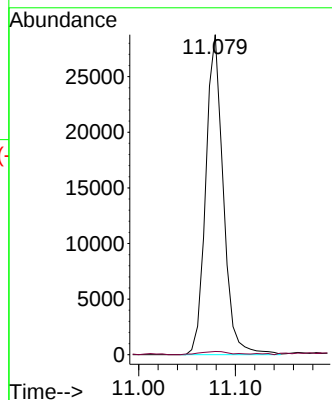
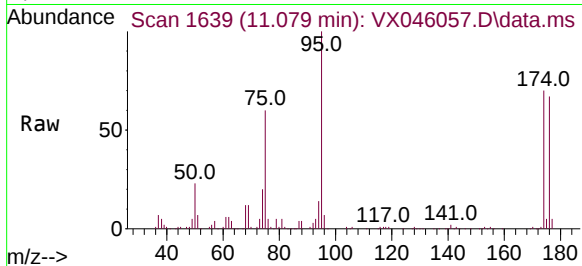




#76
1,2,3-Trichloropropane
Concen: 29.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

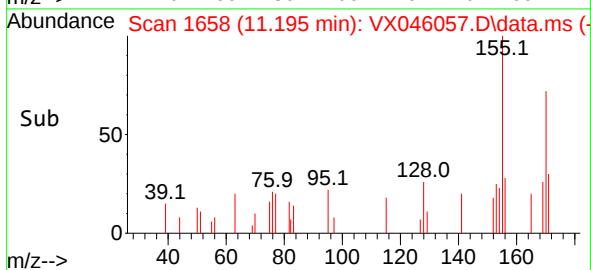
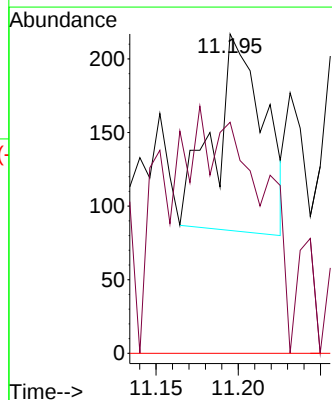
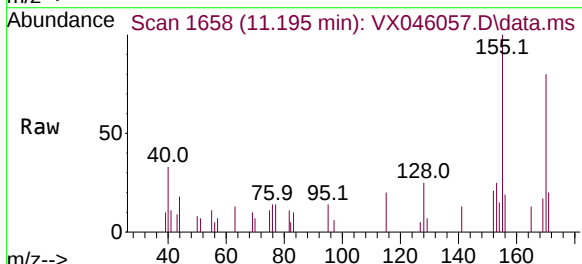
Instrument :
MSVOA_X
ClientSampleId :
IBLK

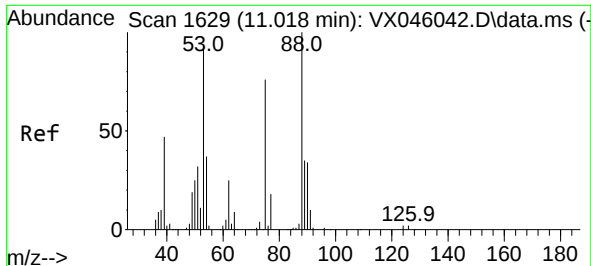
Tgt Ion: 75 Resp: 36364
Ion Ratio Lower Upper
75 100
77 1.8 20.5 61.5#



#77
Bromobenzene
Concen: 0.303 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Tgt Ion: 156 Resp: 280
Ion Ratio Lower Upper
156 100
77 26.8 92.8 278.3#
158 0.0 48.8 146.3#

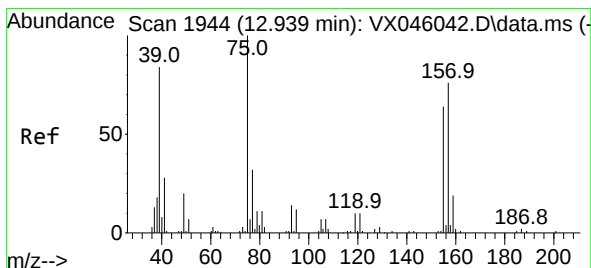
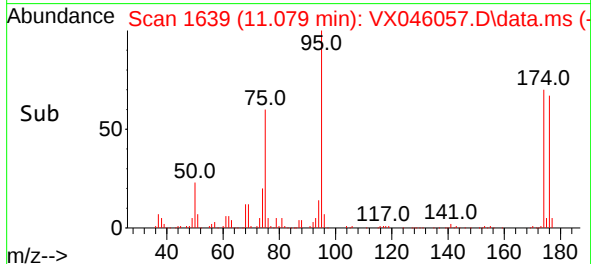
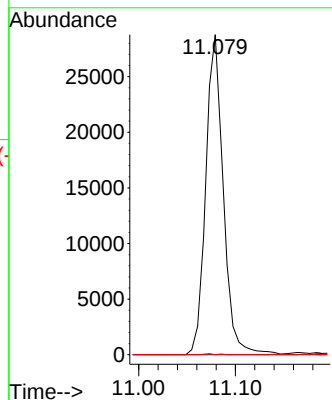
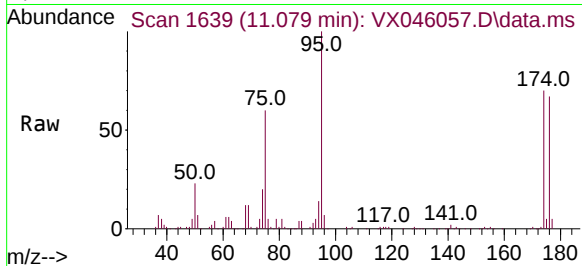




#81
trans-1,4-Dichloro-2-butene
Concen: 96.267 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

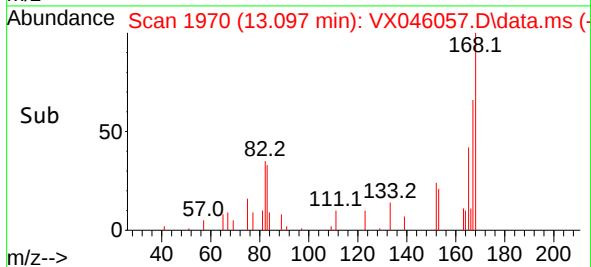
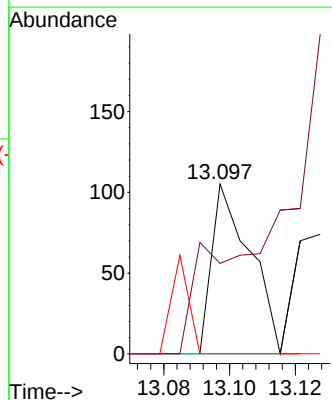
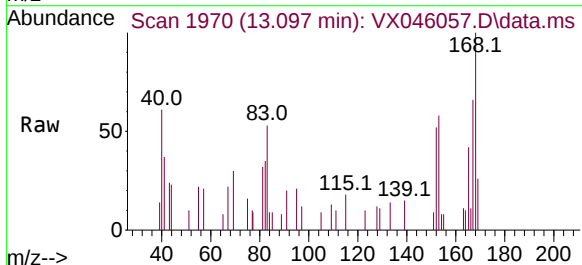
Instrument :
MSVOA_X
ClientSampleId :
IBLK

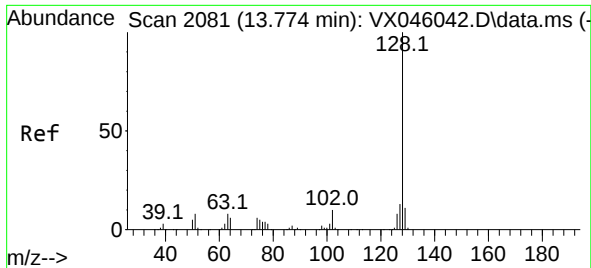
Tgt Ion: 75 Resp: 36364
Ion Ratio Lower Upper
75 100
53 0.1 100.5 150.7#
89 0.2 37.0 55.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.275 ug/l
RT: 13.097 min Scan# 1970
Delta R.T. 0.158 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

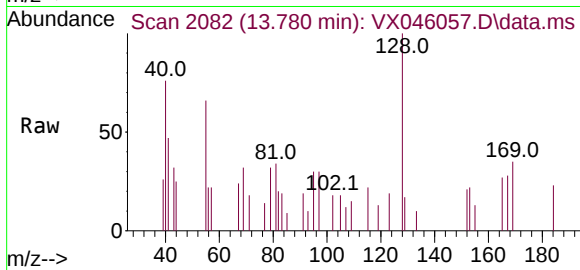
Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
155 0.0 34.9 104.8#
157 25.9 43.8 131.4#





#95
Naphthalene
Concen: 0.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046057.D
Acq: 06 May 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 1146
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 14.7 8.6 13.0#

