

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046453.D
 Acq On : 02 Jun 2025 18:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 03 01:35:52 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)

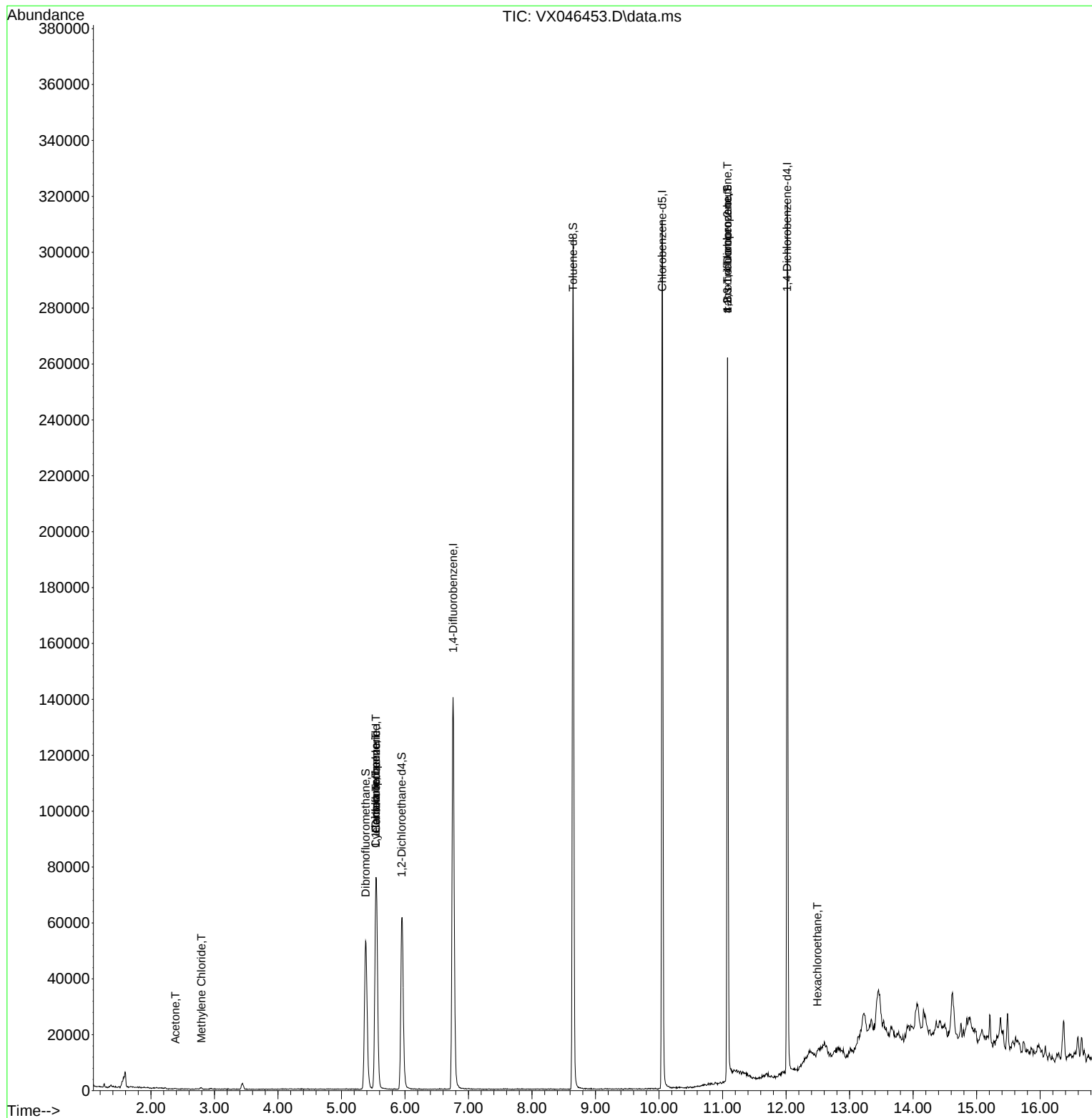
Internal Standards						
1) Pentafluorobenzene	5.544	168	66691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65127	52.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.760%	
35) Dibromofluoromethane	5.379	113	46302	47.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.320%	
50) Toluene-d8	8.647	98	169534	49.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	11.079	95	68820	52.798	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.600%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	238	0.477	ug/l #	48
20) Methylene Chloride	2.794	84	228	0.239	ug/l #	66
31) Cyclohexane	5.538	56	1956	1.320	ug/l #	48
36) 1,1-Dichloropropene	5.538	75	6759	5.124	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7848	5.295	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	38713	27.967	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38713	91.051	ug/l #	1
90) Hexachloroethane	12.494	117	209	0.311	ug/l #	19

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

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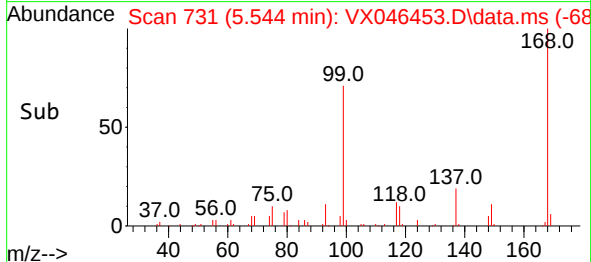
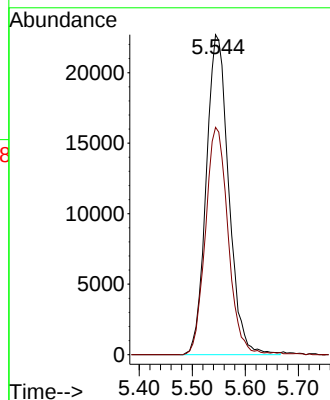
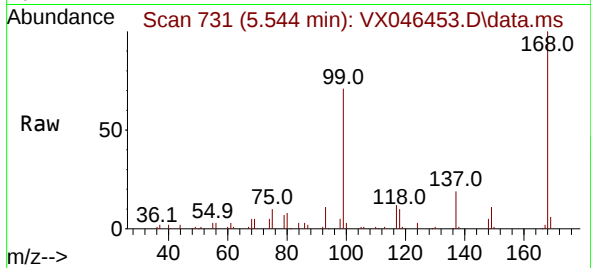




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

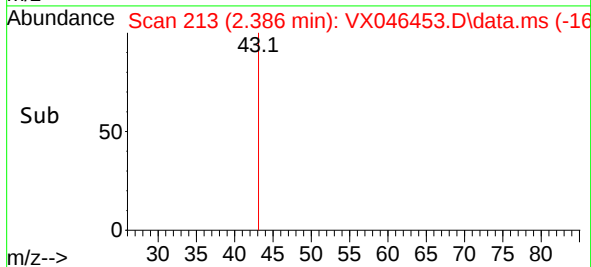
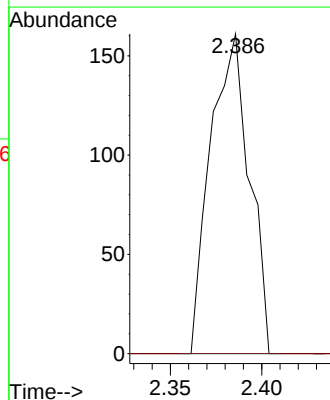
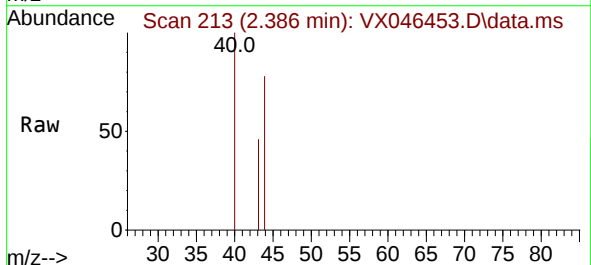
Instrument :
MSVOA_X
ClientSampleId :
IBLK

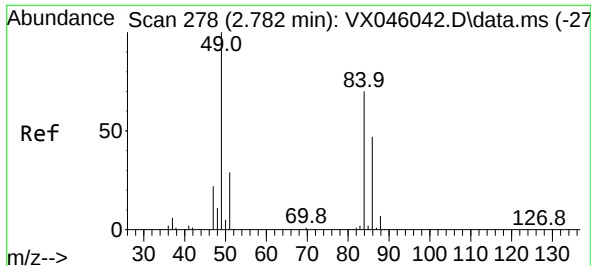
Tgt Ion:168 Resp: 66691
Ion Ratio Lower Upper
168 100
99 71.0 54.9 82.3



#16
Acetone
Concen: 0.477 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

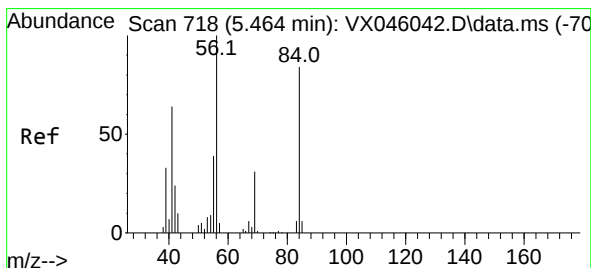
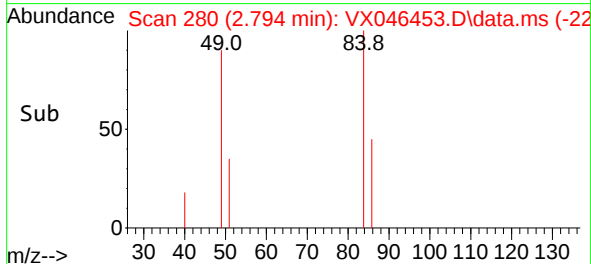
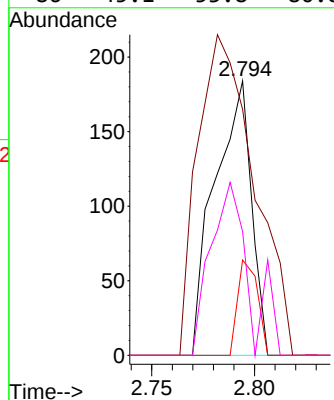
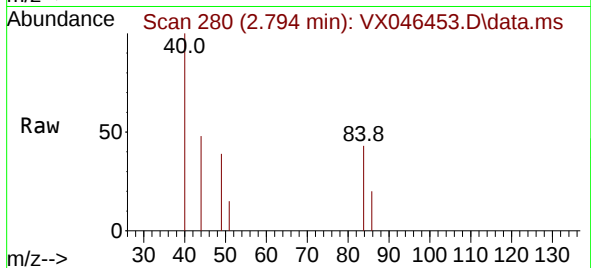




#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

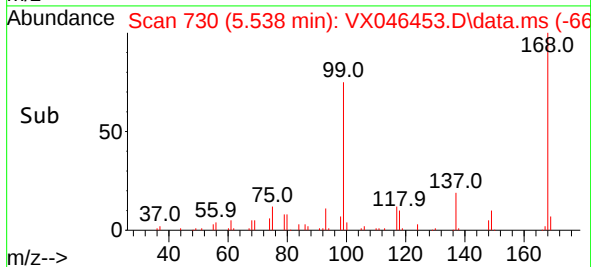
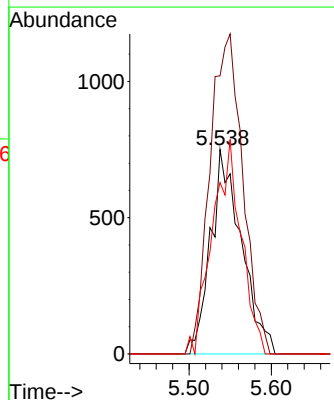
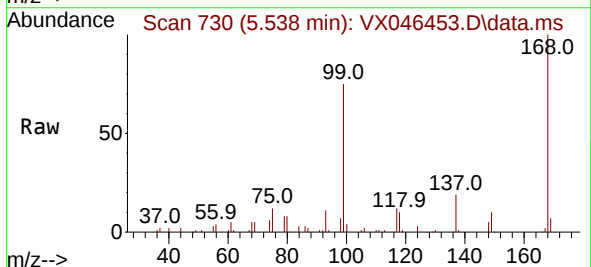
Instrument :
MSVOA_X
ClientSampleId :
IBLK

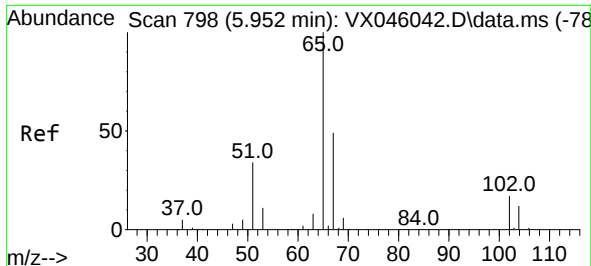
Tgt Ion:	84	Resp:	228
Ion	Ratio	Lower	Upper
84	100		
49	89.7	113.9	170.9#
51	34.8	33.5	50.3
86	45.1	53.8	80.8#



#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Tgt Ion:	56	Resp:	1956
Ion	Ratio	Lower	Upper
56	100		
69	136.0	24.4	36.6#
84	83.9	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 52.381 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046453.D

Acq: 02 Jun 2025 18:42

Instrument :

MSVOA_X

ClientSampleId :

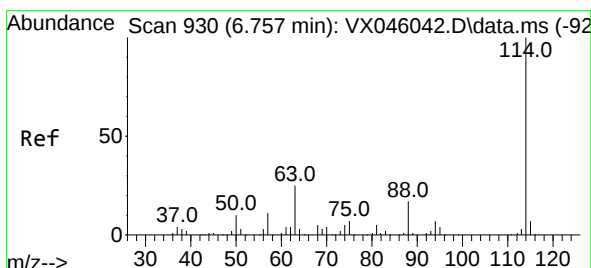
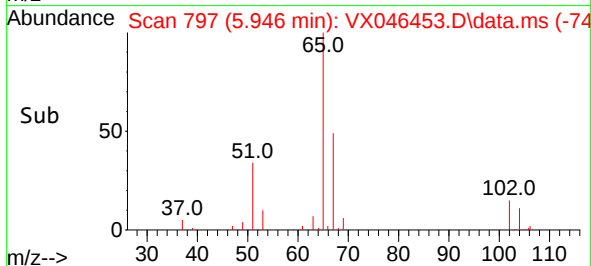
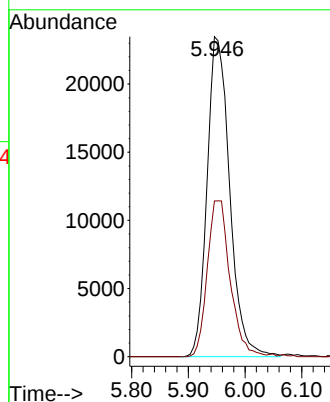
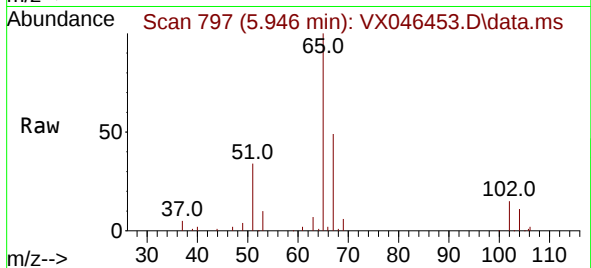
IBLK

Tgt Ion: 65 Resp: 65127

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046453.D

Acq: 02 Jun 2025 18:42

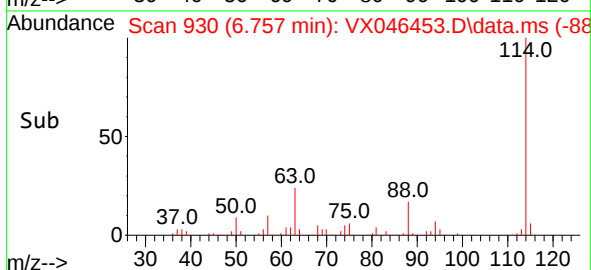
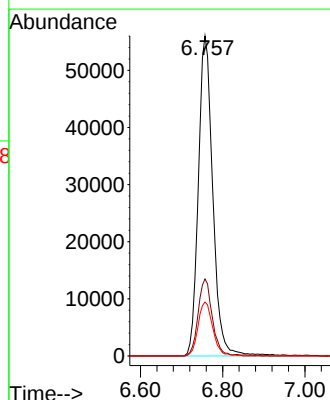
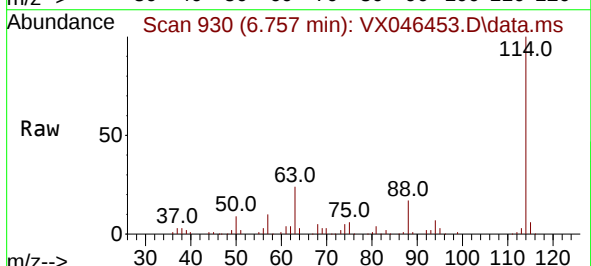
Tgt Ion: 114 Resp: 136340

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

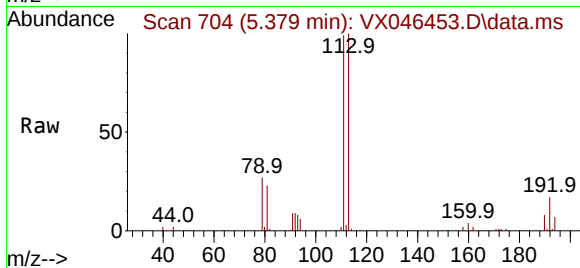
88 16.9 0.0 33.6



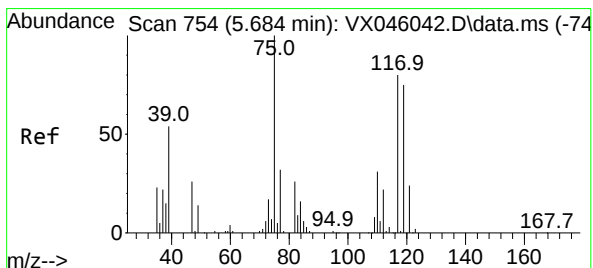
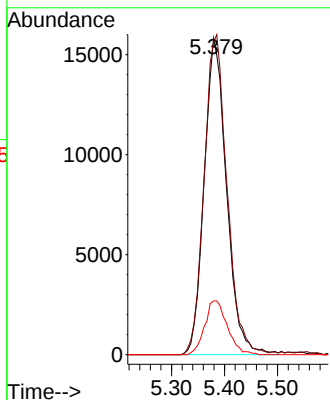
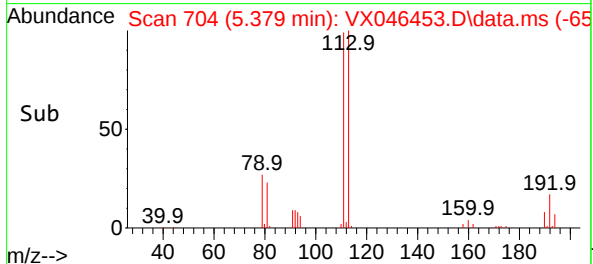


#35
Dibromofluoromethane
Concen: 47.161 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Instrument :
MSVOA_X
ClientSampleId :
IBLK

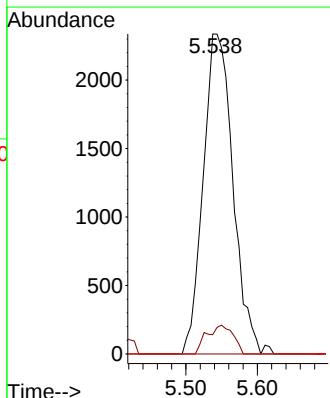
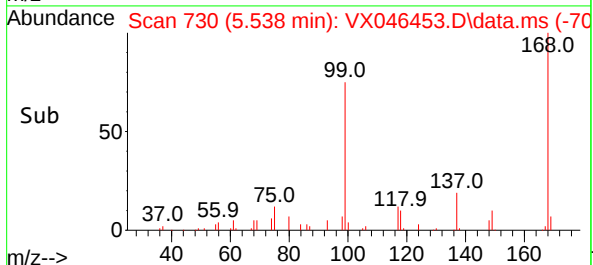
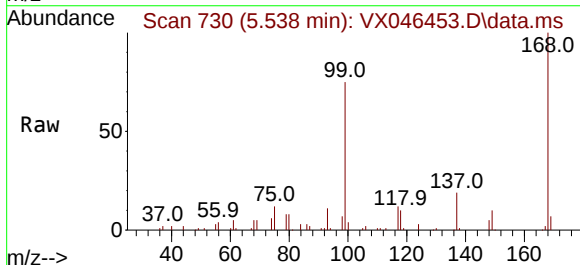


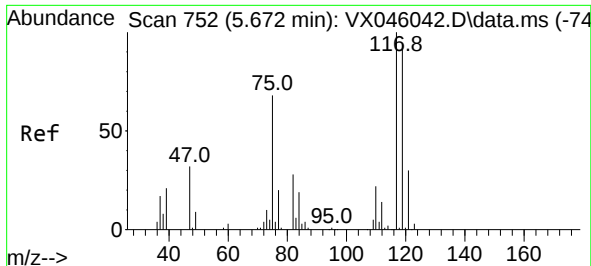
Tgt Ion:113 Resp: 46302
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

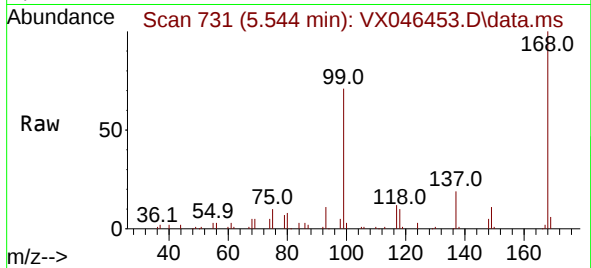
Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.3 36.5#



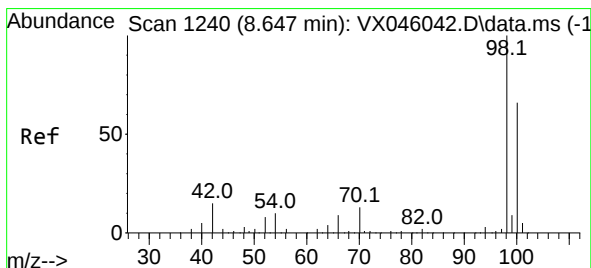
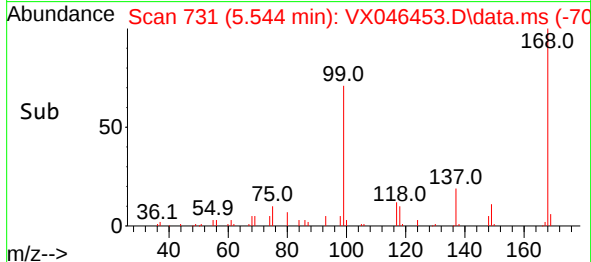
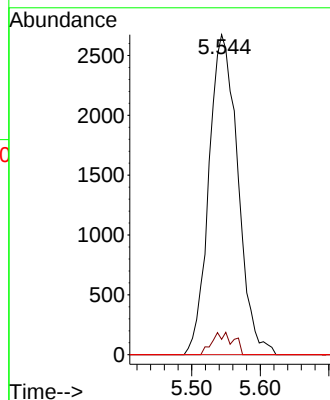


#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Instrument :
MSVOA_X
ClientSampleId :
IBLK

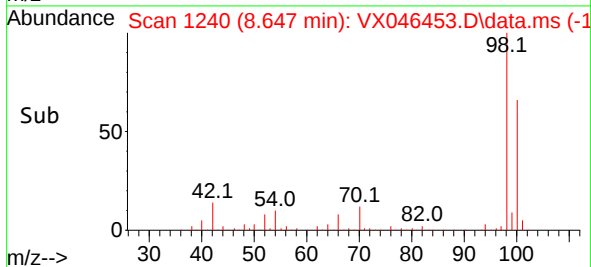
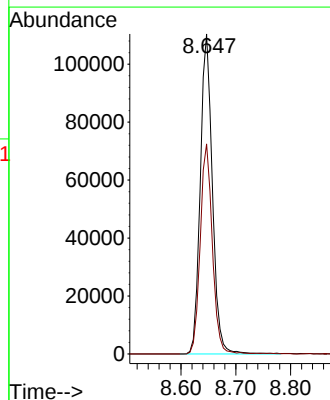
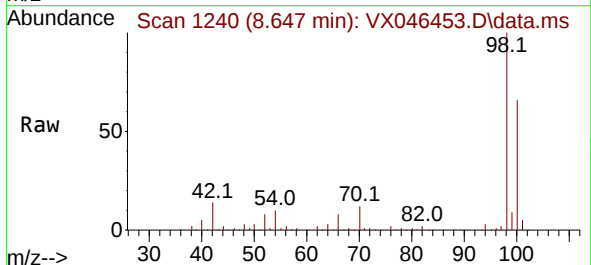


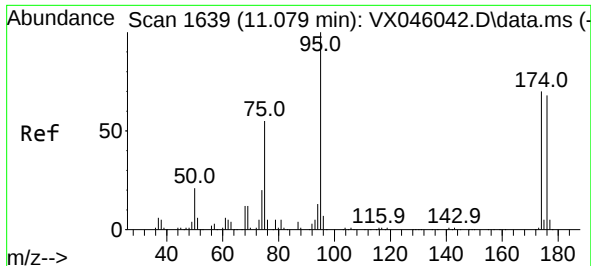
Tgt Ion:117 Resp: 7848
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.891 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Tgt Ion: 98 Resp: 169534
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3

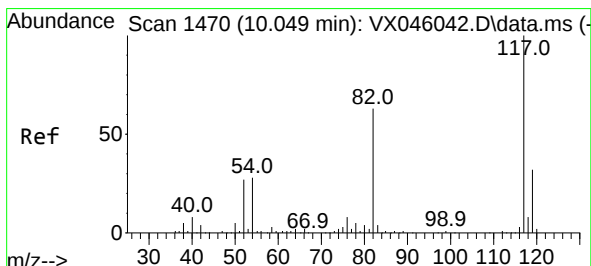
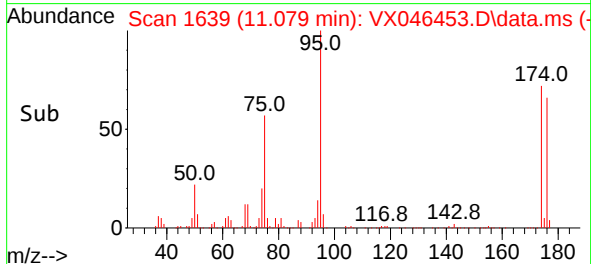
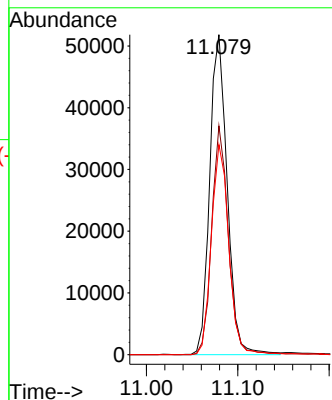
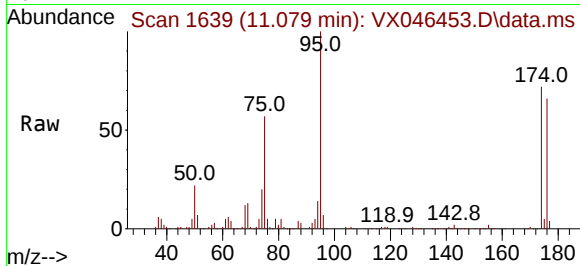




#62
4-Bromofluorobenzene
Concen: 52.798 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

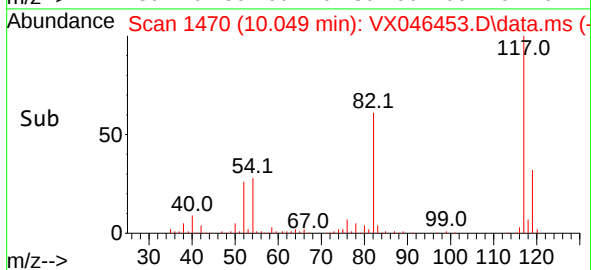
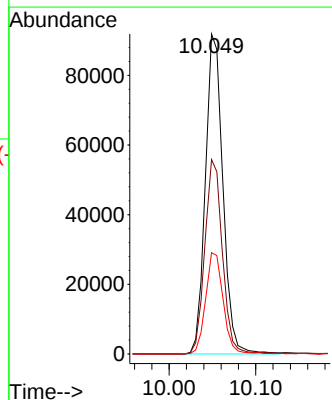
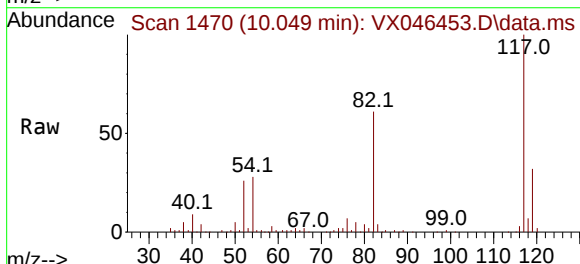
Instrument :
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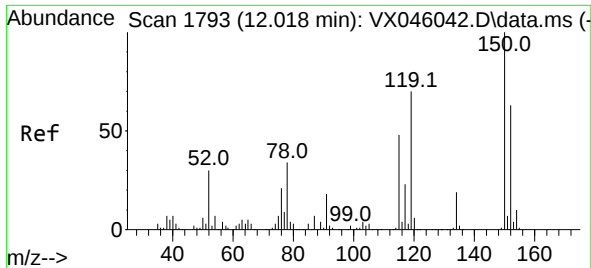
Tgt Ion: 95 Resp: 68820
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Tgt Ion: 117 Resp: 129208
Ion Ratio Lower Upper
117 100
82 60.7 50.6 76.0
119 31.7 25.8 38.6

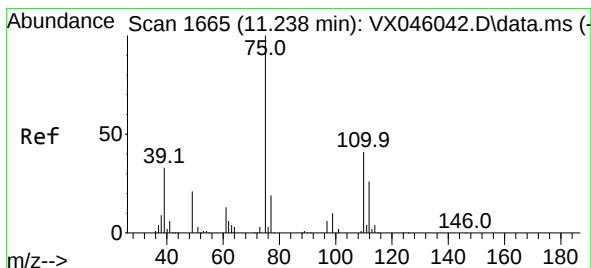
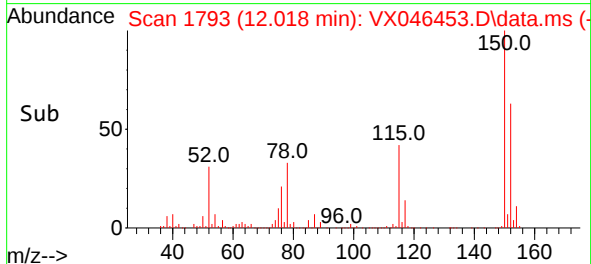
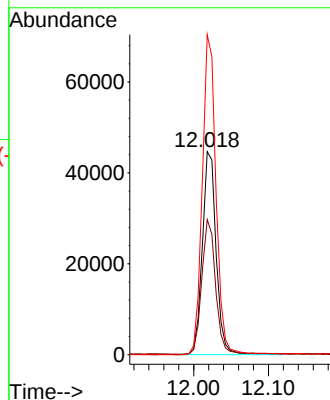
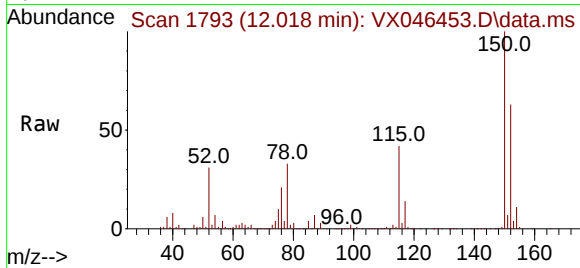




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046453.D
 Acq: 02 Jun 2025 18:42

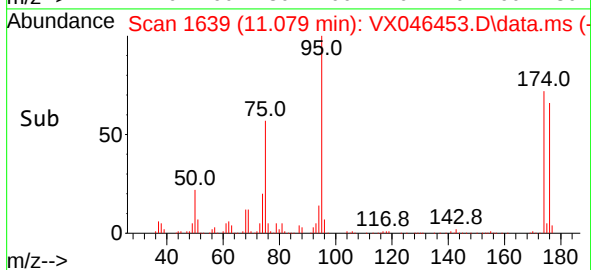
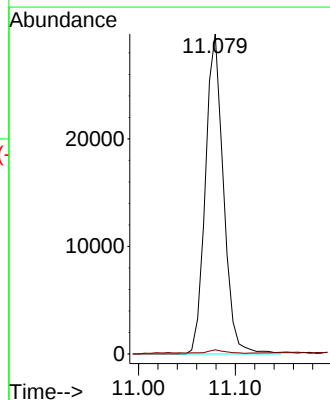
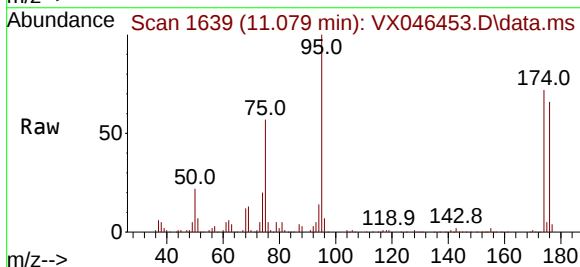
Instrument :
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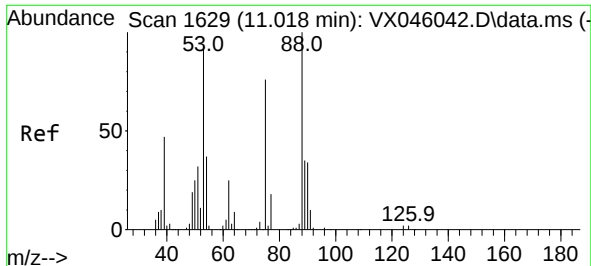
Tgt Ion:152 Resp: 57508
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 156.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.967 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046453.D
 Acq: 02 Jun 2025 18:42

Tgt Ion: 75 Resp: 38713
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.5 61.5#

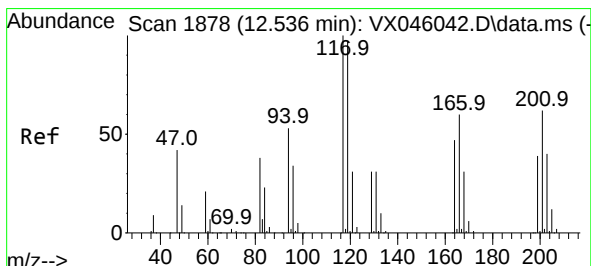
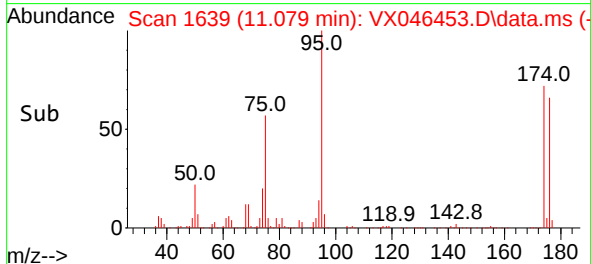
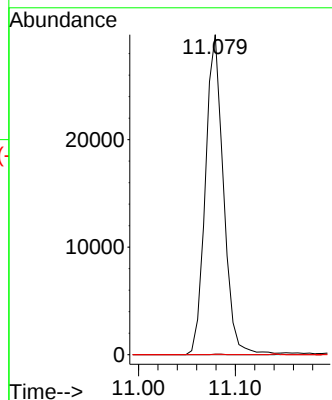
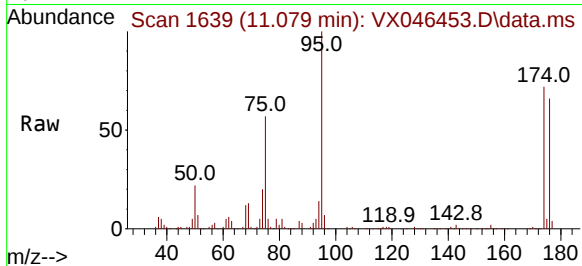




#81
trans-1,4-Dichloro-2-butene
Concen: 91.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 38713
Ion Ratio Lower Upper
75 100
53 0.1 100.5 150.7#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.311 ug/l
RT: 12.494 min Scan# 1871
Delta R.T. -0.043 min
Lab File: VX046453.D
Acq: 02 Jun 2025 18:42

Tgt Ion: 117 Resp: 209
Ion Ratio Lower Upper
117 100
201 0.0 31.6 94.7#

