

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046503.D
 Acq On : 04 Jun 2025 16:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 05 01:59:30 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)

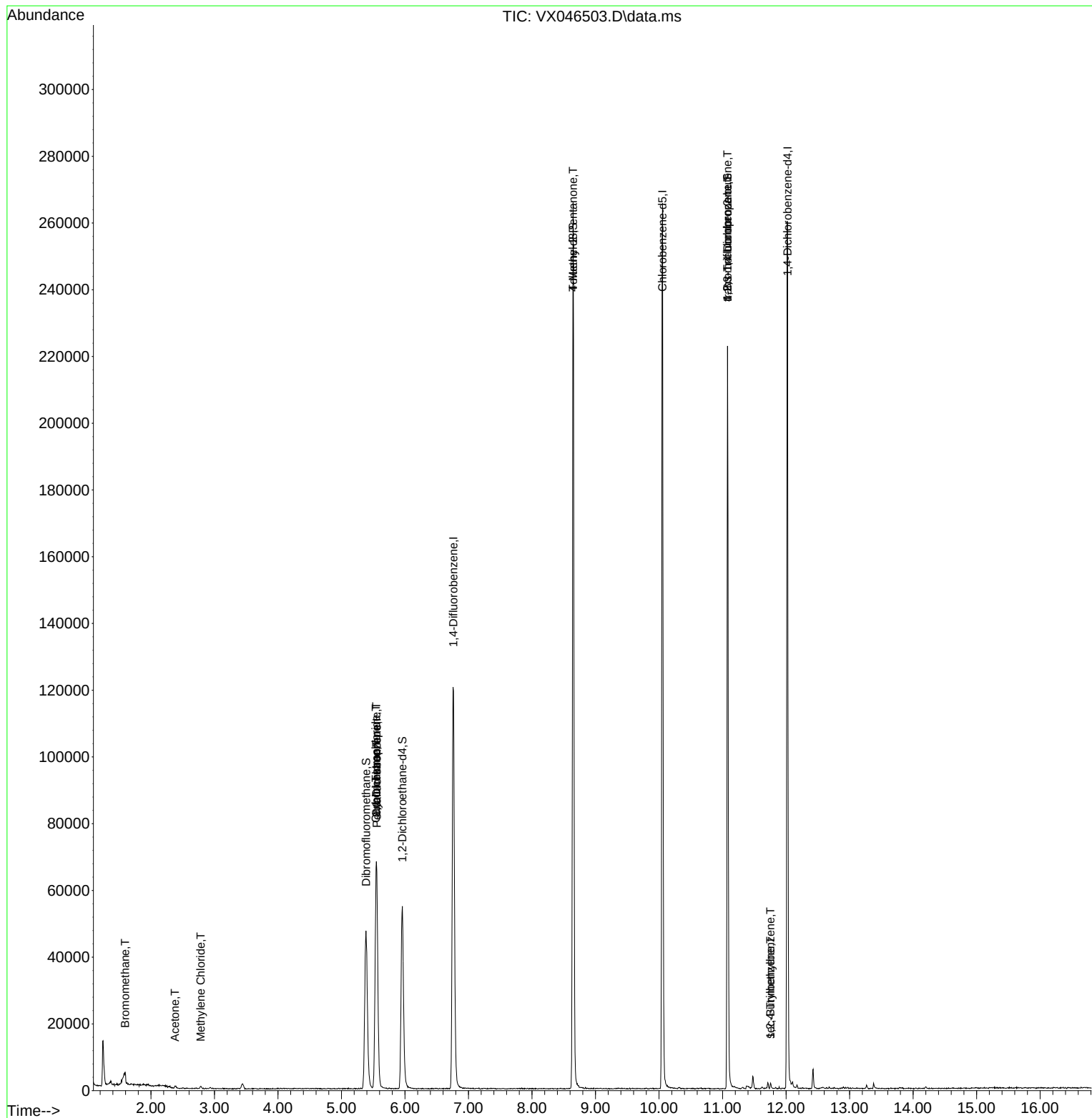
Internal Standards						
1) Pentafluorobenzene	5.556	168	58926	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	116041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57218	52.084	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	5.385	113	42278	50.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.180%	
50) Toluene-d8	8.647	98	145582	50.336	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.079	95	57719	52.027	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	77	0.204	ug/l #	4
16) Acetone	2.380	43	910	2.066	ug/l	99
20) Methylene Chloride	2.782	84	383	0.454	ug/l #	85
31) Cyclohexane	5.550	56	1713	1.308	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	6032	5.373	ug/l #	52
38) Carbon Tetrachloride	5.544	117	6969	5.524	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	814	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32996	28.726	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32996	93.523	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.756	105	965	0.307	ug/l	97
85) sec-Butylbenzene	11.756	105	965	0.251	ug/l #	57

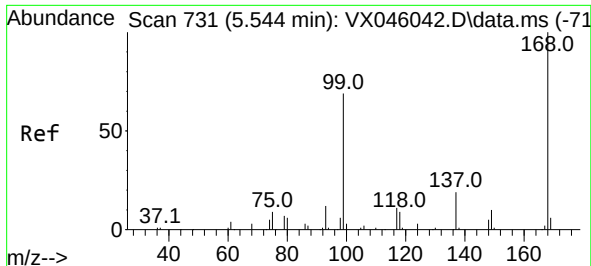
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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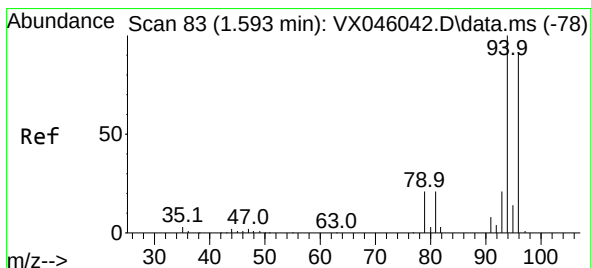
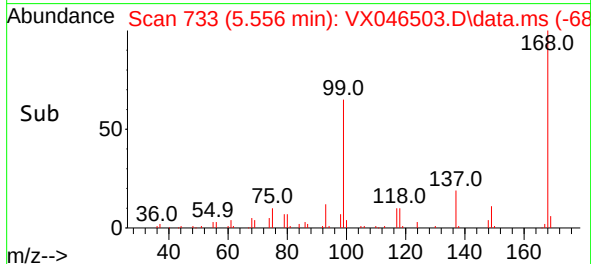
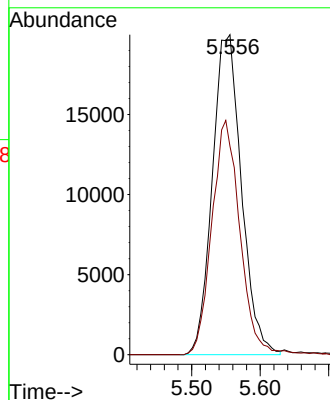
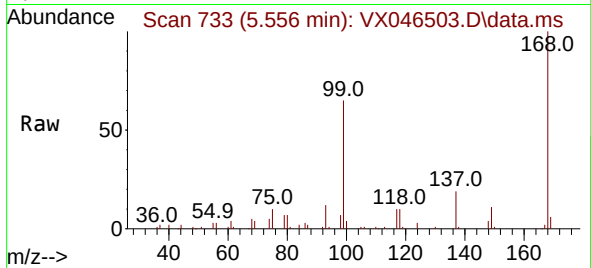




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

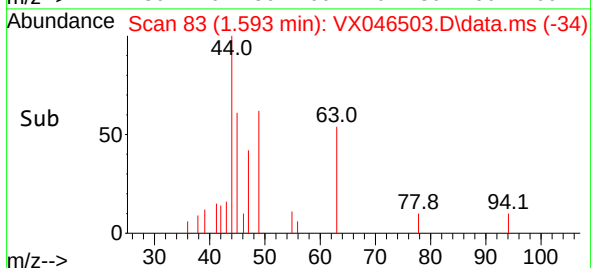
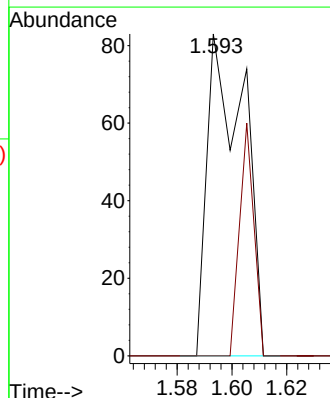
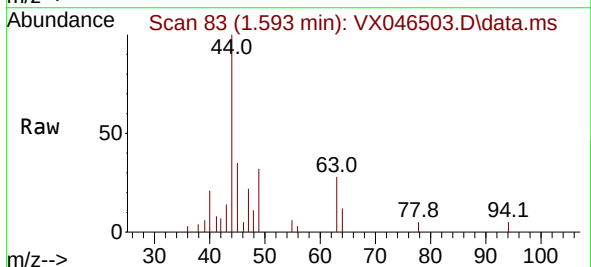
Instrument :
MSVOA_X
ClientSampleId :
IBLK

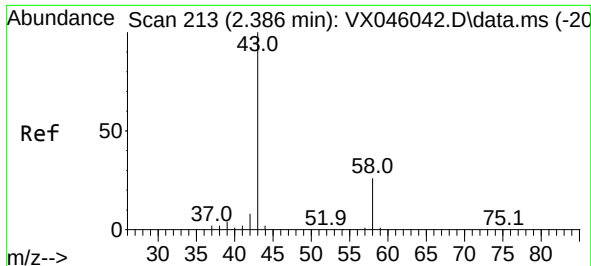
Tgt Ion:168 Resp: 58926
Ion Ratio Lower Upper
168 100
99 65.2 54.9 82.3



#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion: 94 Resp: 77
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

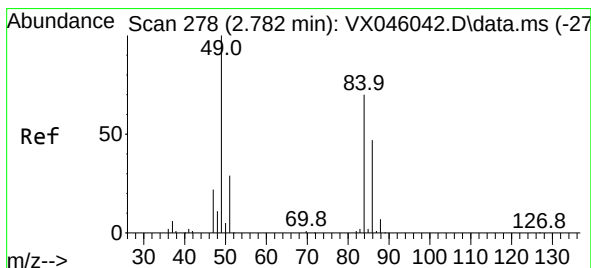
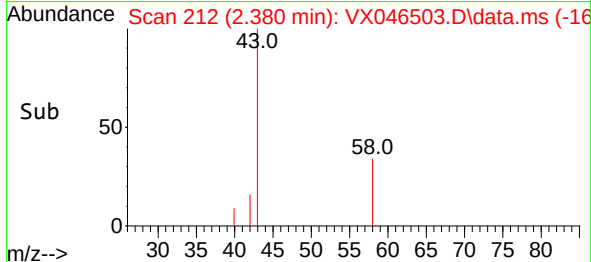
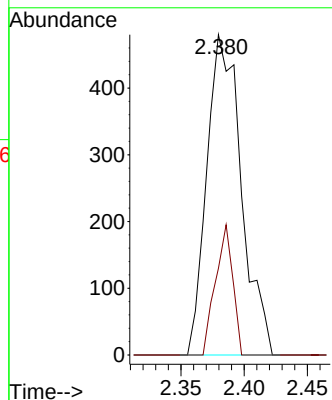
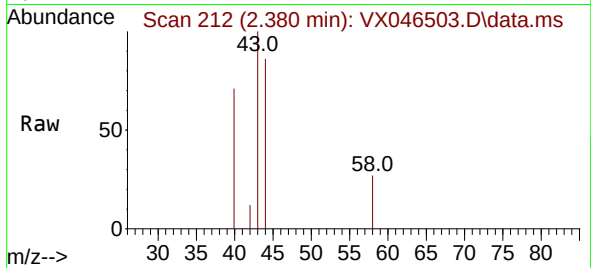




#16
Acetone
Concen: 2.066 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

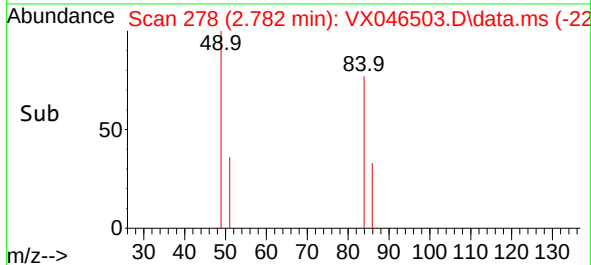
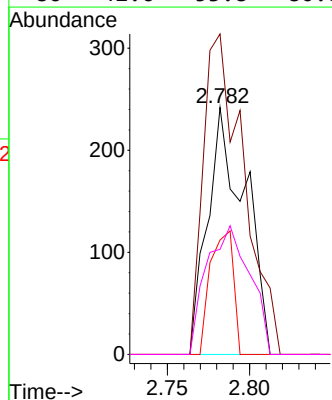
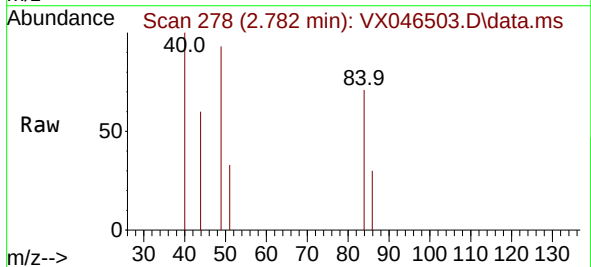
Instrument :
MSVOA_X
ClientSampleId :
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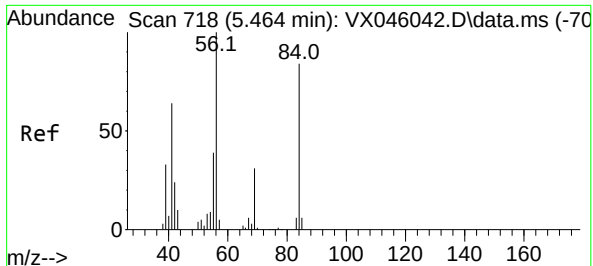
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 27.1 21.2 31.8



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 129.8 113.9 170.9
51 46.3 33.5 50.3
86 42.6 53.8 80.8#

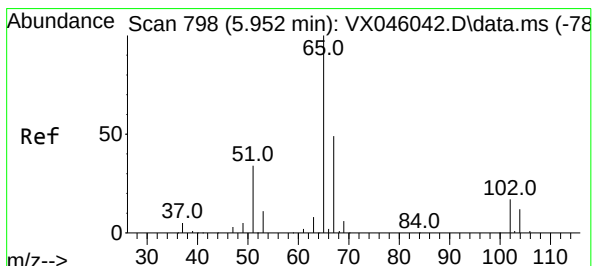
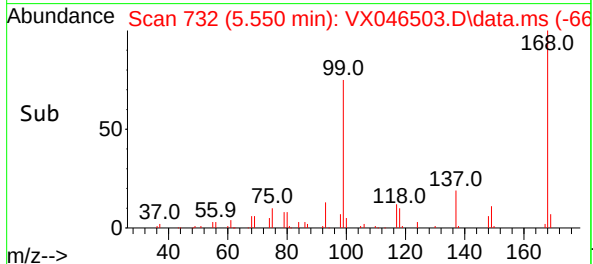
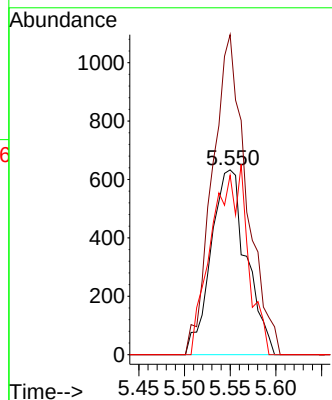
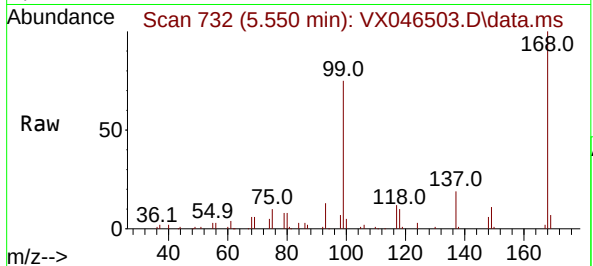




#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

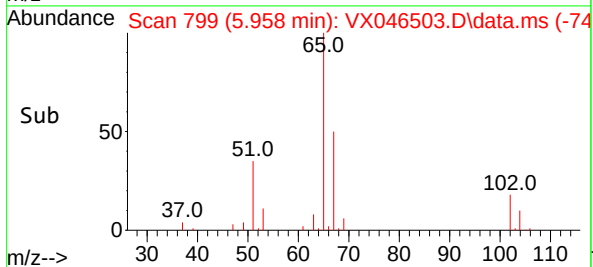
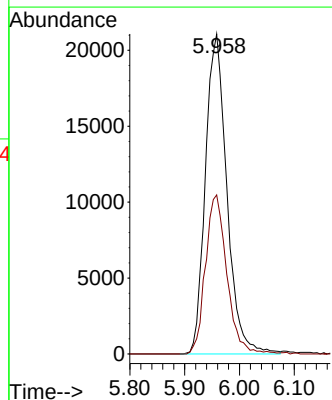
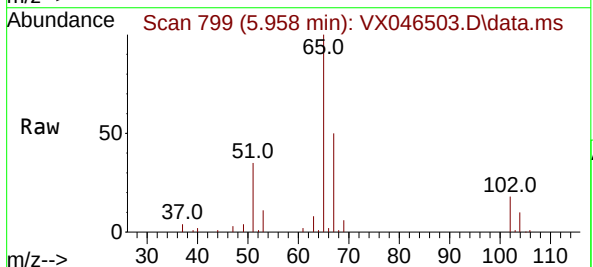
Instrument :
MSVOA_X
ClientSampleId :
IBLK

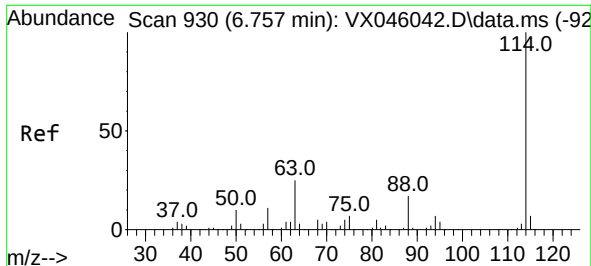
Tgt Ion: 56 Resp: 1713
Ion Ratio Lower Upper
56 100
69 173.1 24.4 36.6#
84 97.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 52.084 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion: 65 Resp: 57218
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

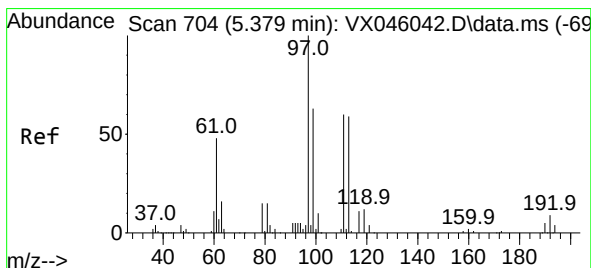
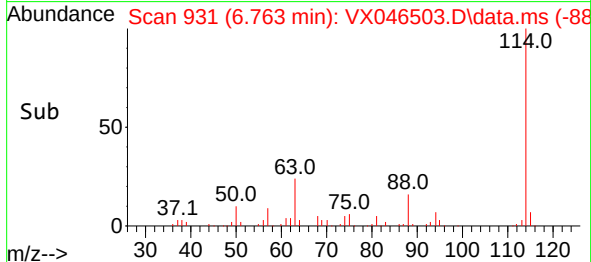
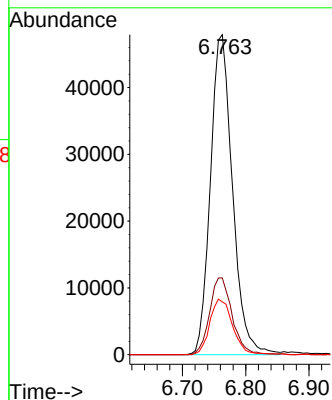
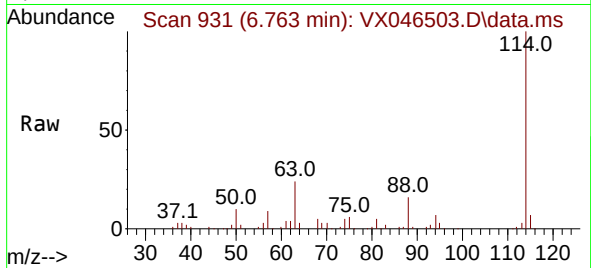




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

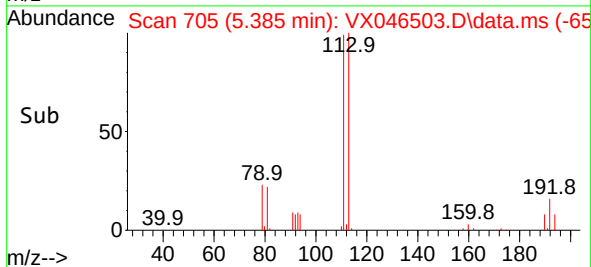
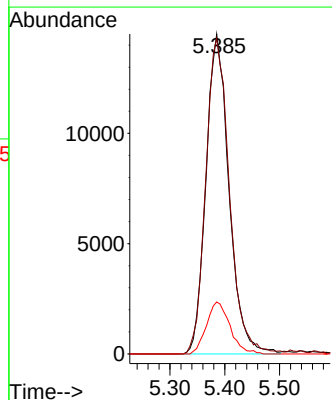
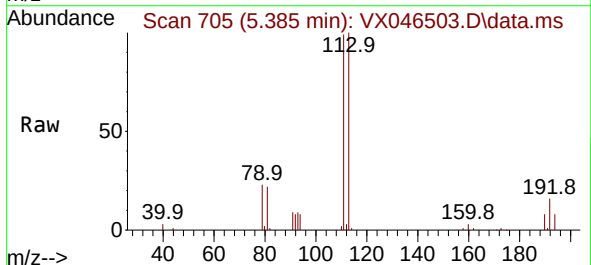
Instrument :
MSVOA_X
ClientSampleId :
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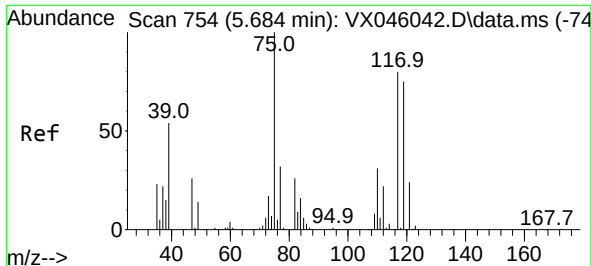
Tgt Ion:114 Resp: 116041
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion:113 Resp: 42278
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 16.6 13.3 19.9

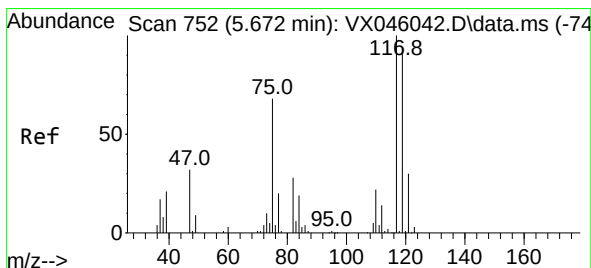
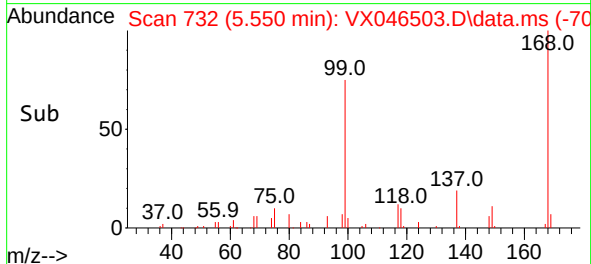
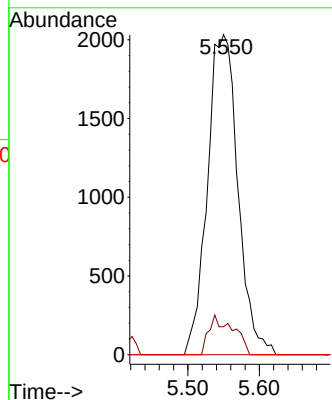
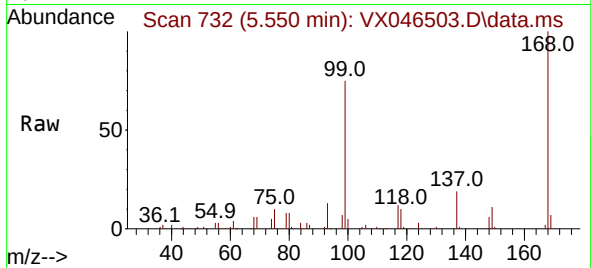




#36
1,1-Dichloropropene
Concen: 5.373 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

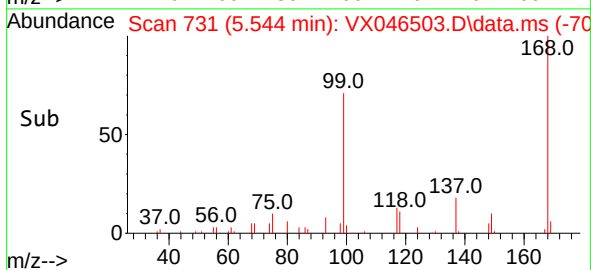
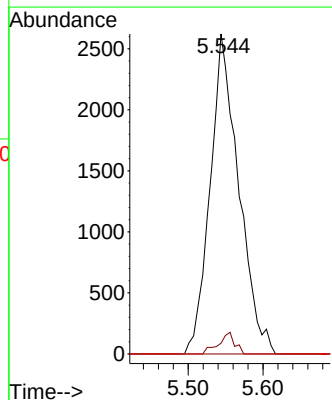
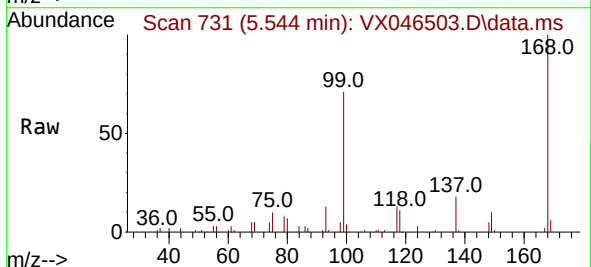
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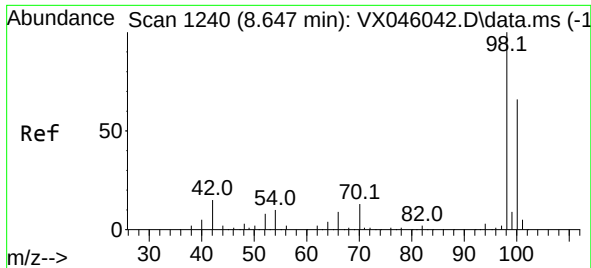
Tgt Ion: 75 Resp: 6032
Ion Ratio Lower Upper
75 100
110 9.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.524 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion: 117 Resp: 6969
Ion Ratio Lower Upper
117 100
119 3.3 75.2 112.8#
121 0.0 24.2 36.4#

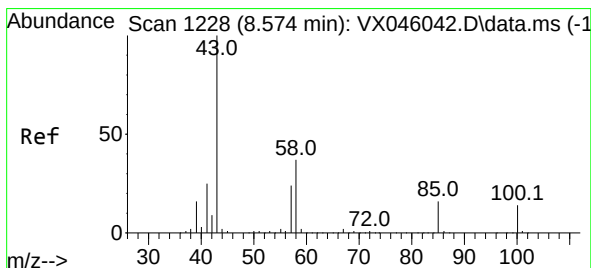
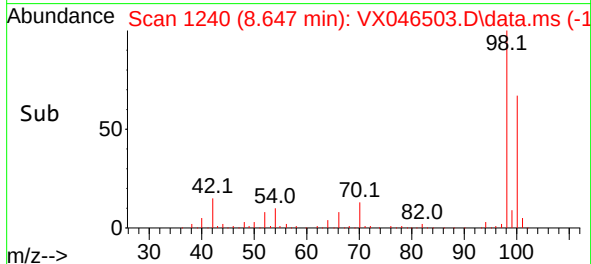
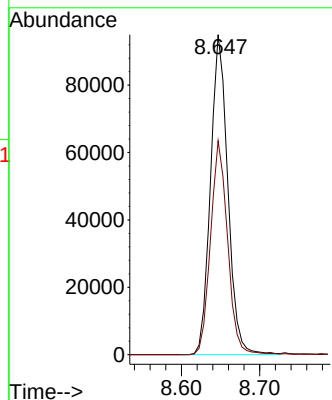
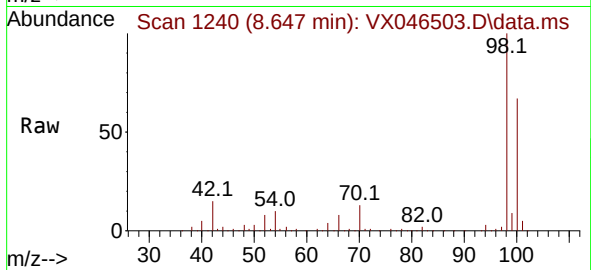




#50
Toluene-d8
Concen: 50.336 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

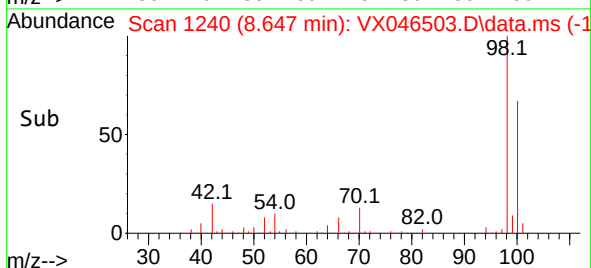
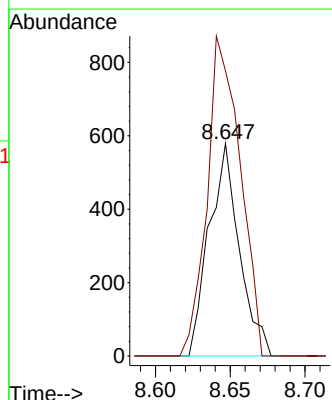
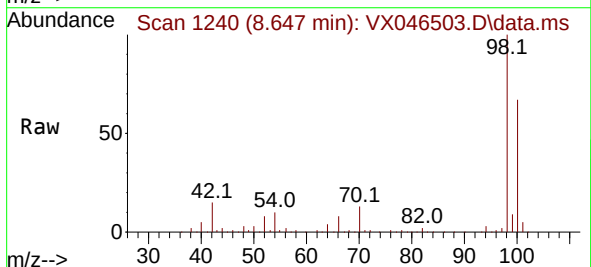
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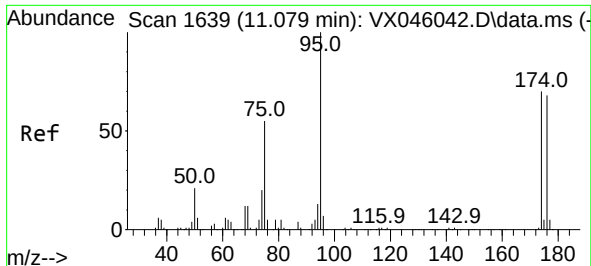
Tgt Ion: 98 Resp: 145582
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 164.7 28.9 43.3#

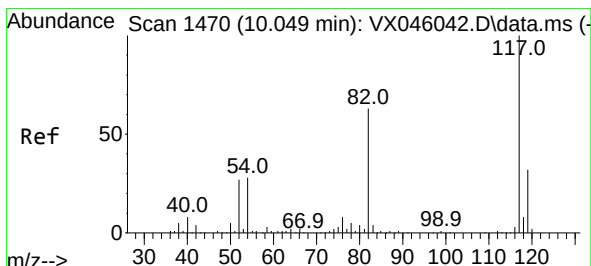
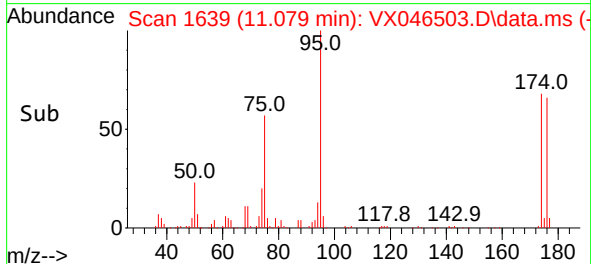
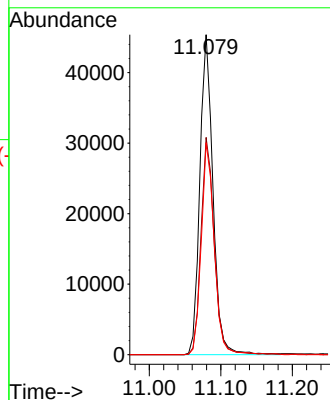
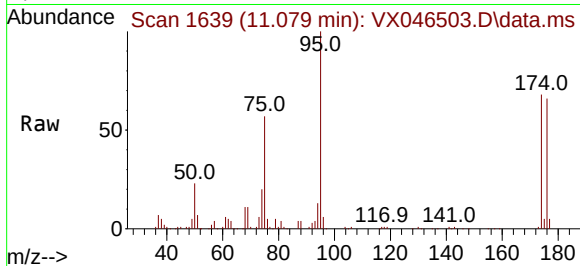




#62
4-Bromofluorobenzene
Concen: 52.027 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

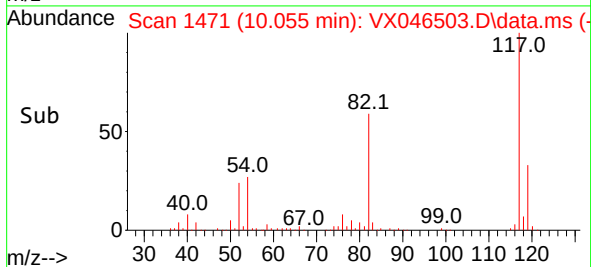
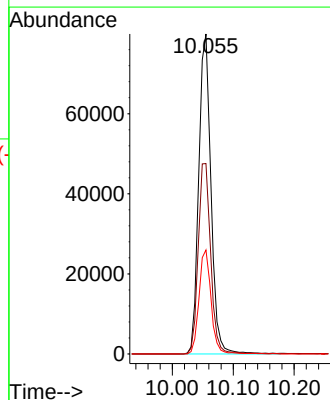
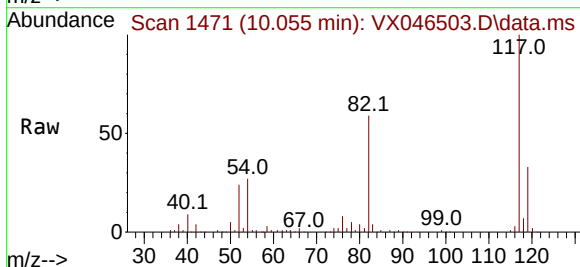
Instrument :
MSVOA_X
ClientSampleId :
IBLK

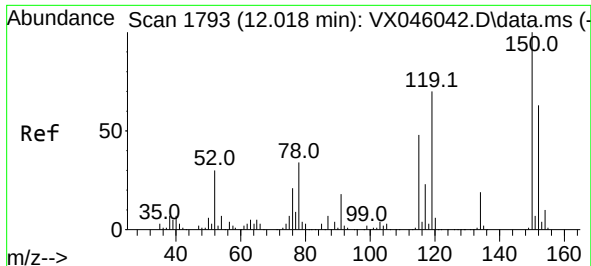
Tgt Ion: 95 Resp: 57719
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046503.D
Acq: 04 Jun 2025 16:13

Tgt Ion: 117 Resp: 111517
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 32.5 25.8 38.6

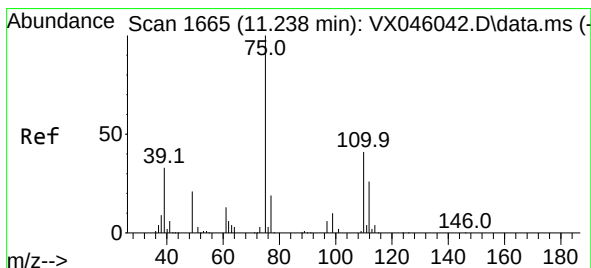
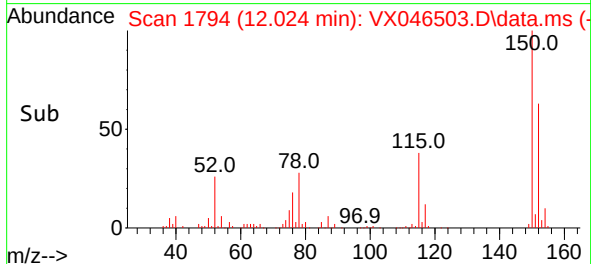
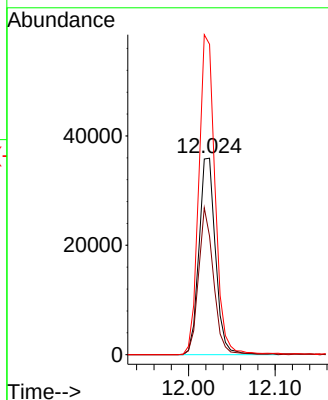
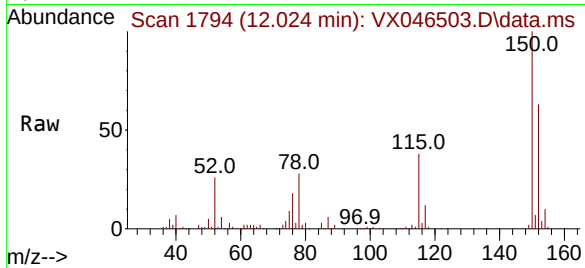




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046503.D
 Acq: 04 Jun 2025 16:13

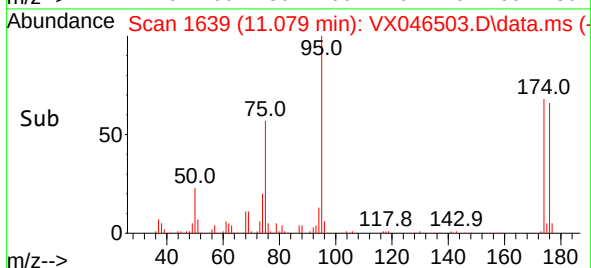
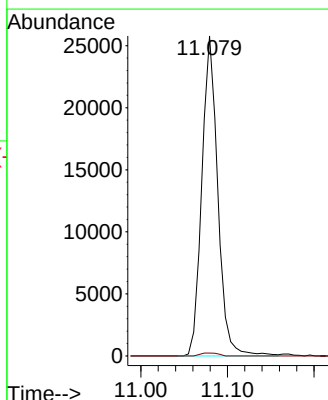
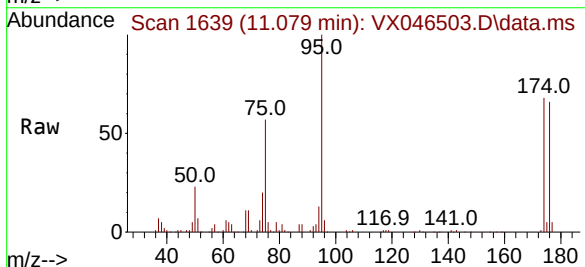
Instrument :
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 ClientSampleId :
 IBLK

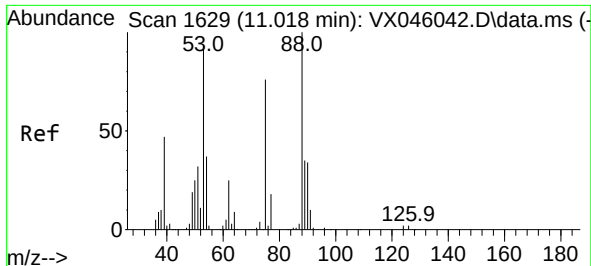
Tgt Ion:152 Resp: 47720
 Ion Ratio Lower Upper
 152 100
 115 67.7 46.9 140.7
 150 159.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.726 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046503.D
 Acq: 04 Jun 2025 16:13

Tgt Ion: 75 Resp: 32996
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#

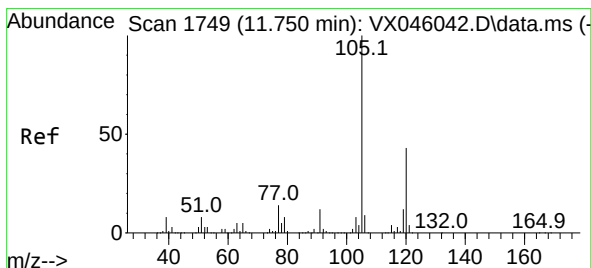
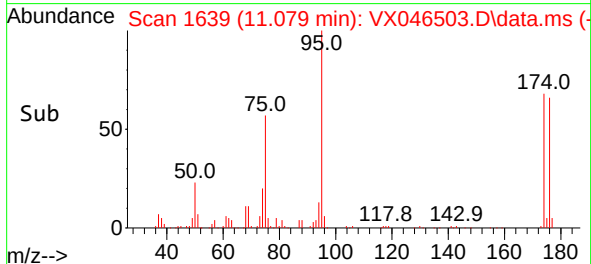
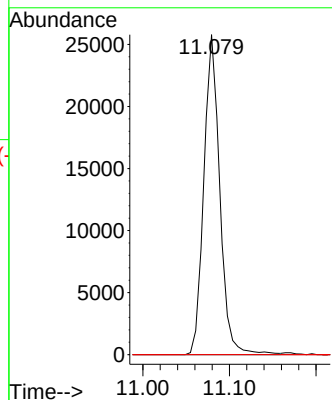
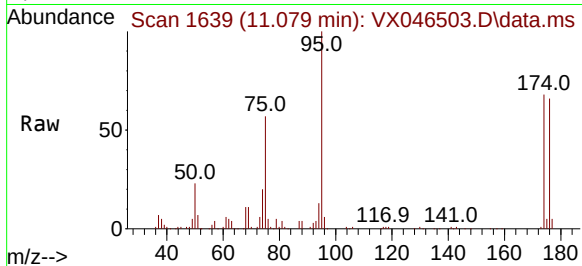




#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.523 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046503.D
 Acq: 04 Jun 2025 16:13

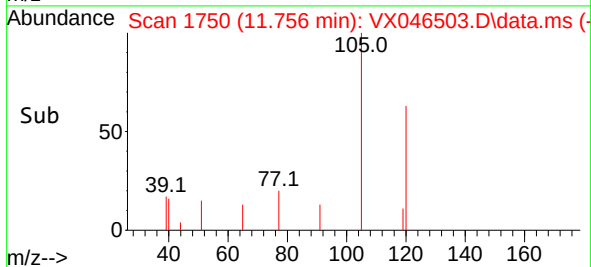
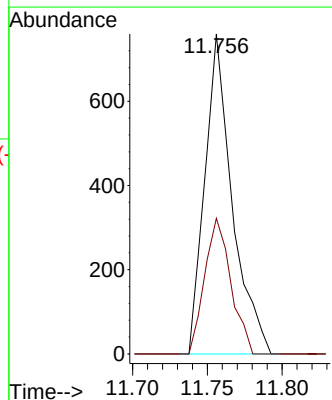
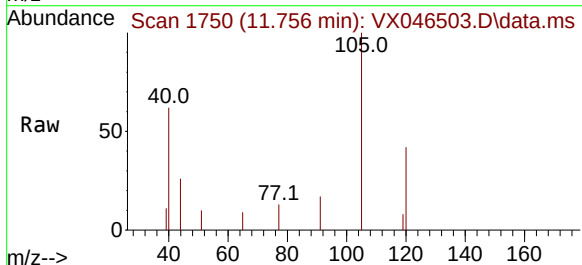
Instrument :
 MSVOA_X
 ClientSampleId :
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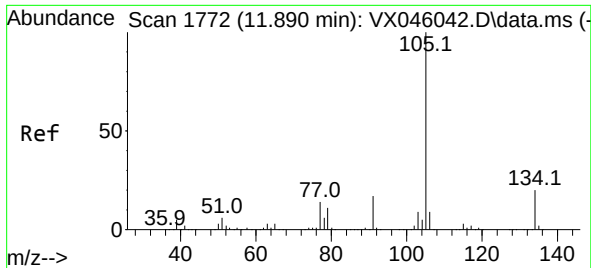
Tgt Ion: 75 Resp: 32996
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.307 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX046503.D
 Acq: 04 Jun 2025 16:13

Tgt Ion: 105 Resp: 965
 Ion Ratio Lower Upper
 105 100
 120 40.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.251 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX046503.D
 Acq: 04 Jun 2025 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:105 Resp: 965
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

