

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046507.D
 Acq On : 04 Jun 2025 17:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 05 02:03:40 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)

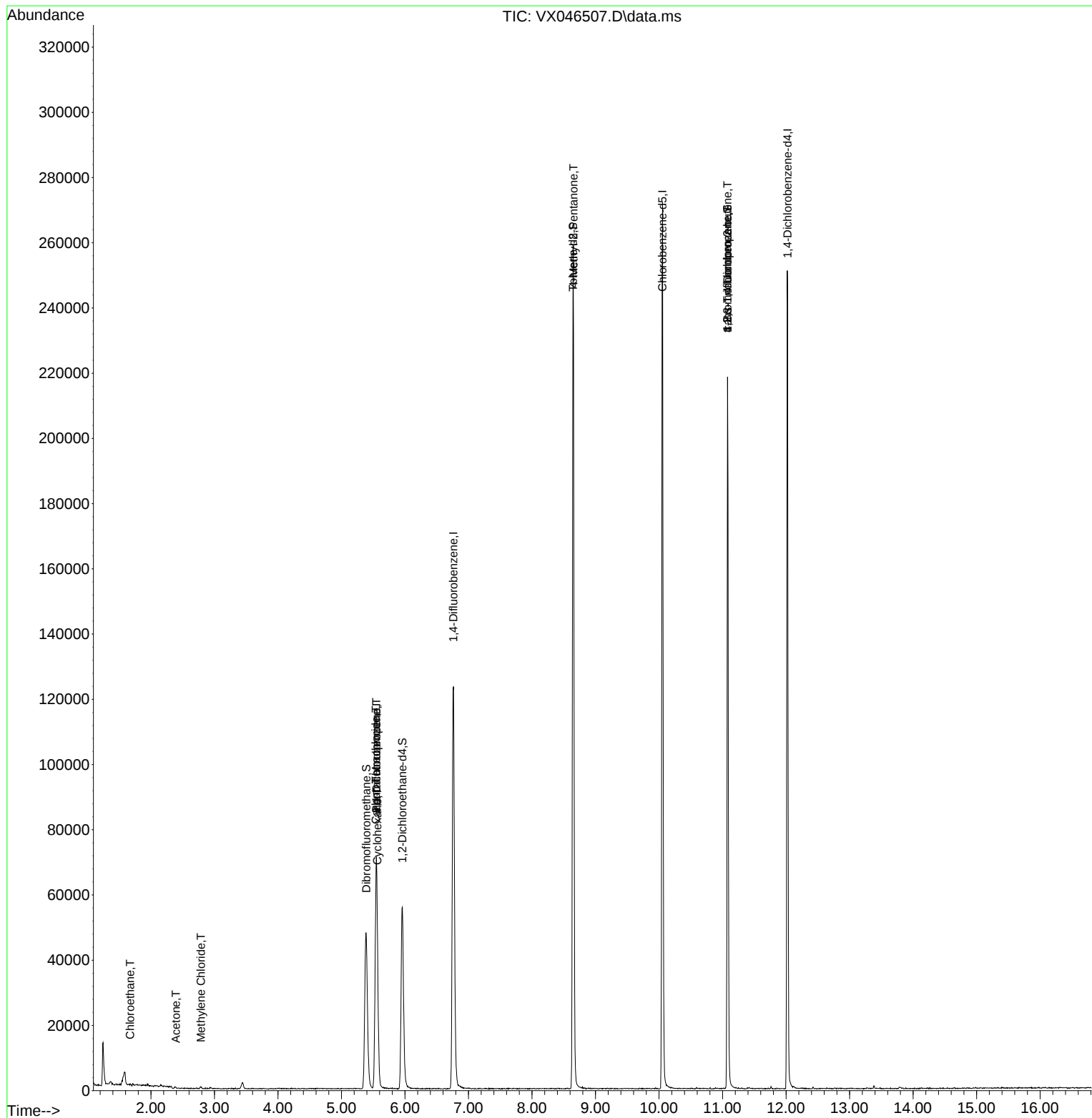
Internal Standards						
1) Pentafluorobenzene	5.550	168	59193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58027	52.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.160%	
35) Dibromofluoromethane	5.391	113	42176	49.045	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.100%	
50) Toluene-d8	8.647	98	147899	49.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	11.079	95	58107	50.895	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.800%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	294	0.674	ug/l #	44
16) Acetone	2.392	43	397	0.897	ug/l #	48
20) Methylene Chloride	2.788	84	247	0.291	ug/l #	63
31) Cyclohexane	5.562	56	1610	1.224	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	5766	4.990	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7199	5.545	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	877	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33342	28.491	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33342	92.756	ug/l #	1

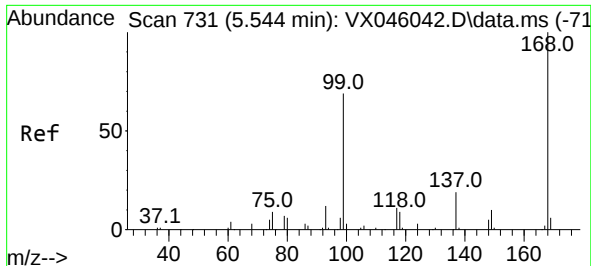
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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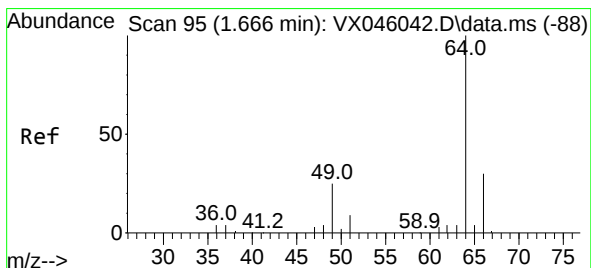
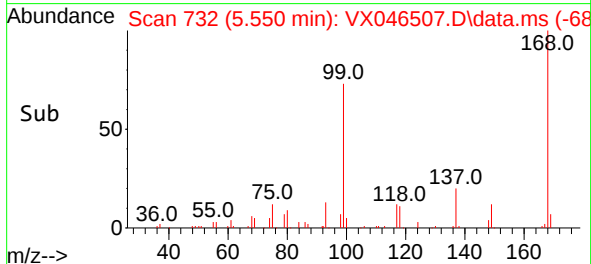
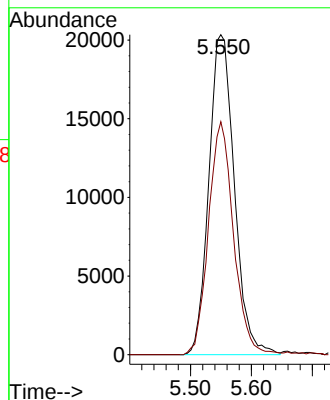
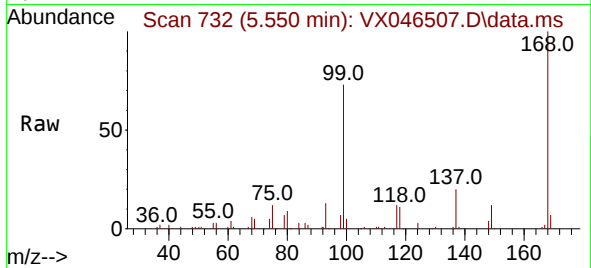




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

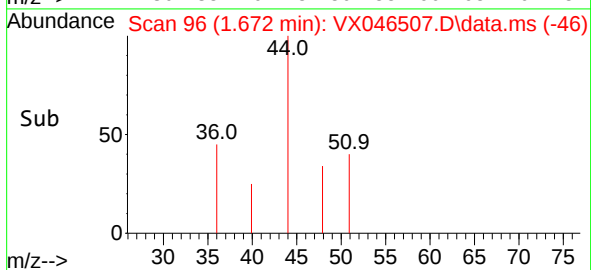
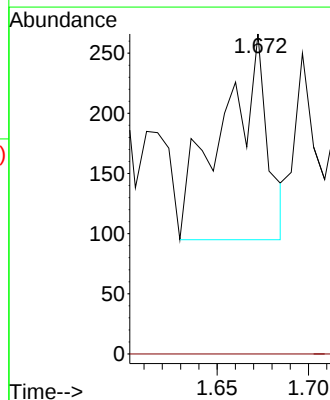
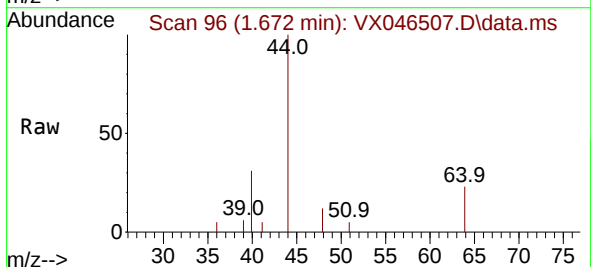
Instrument :
MSVOA_X
ClientSampleId :
IBLK

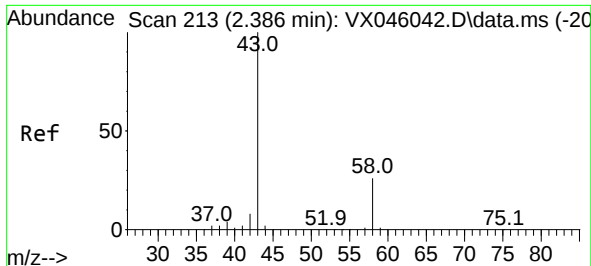
Tgt Ion:168 Resp: 59193
Ion Ratio Lower Upper
168 100
99 72.8 54.9 82.3



#6
Chloroethane
Concen: 0.674 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

Tgt Ion: 64 Resp: 294
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5

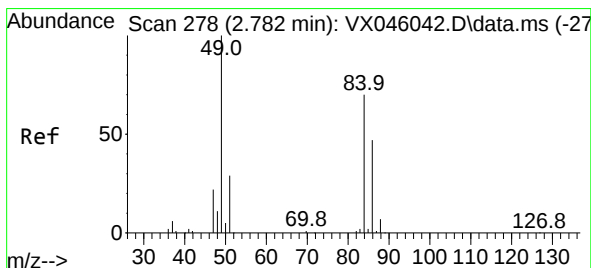
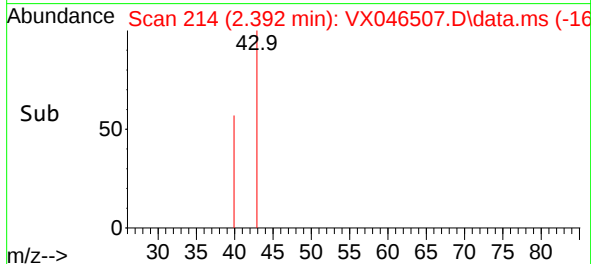
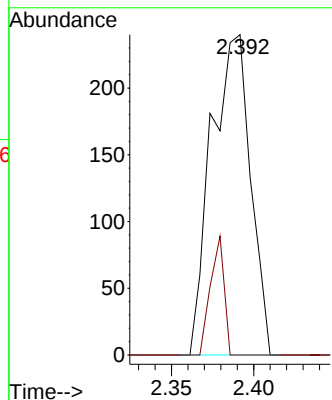
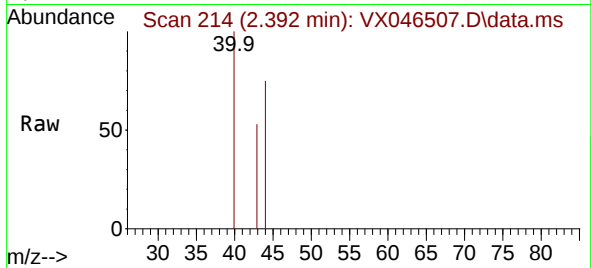




#16
Acetone
Concen: 0.897 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

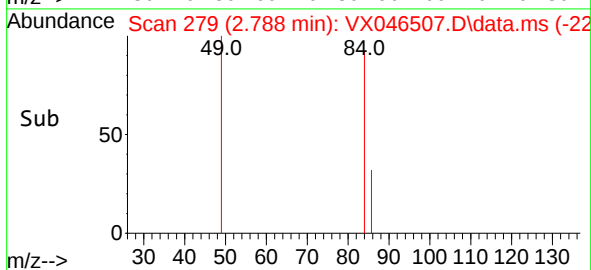
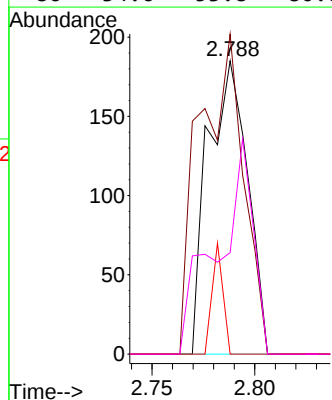
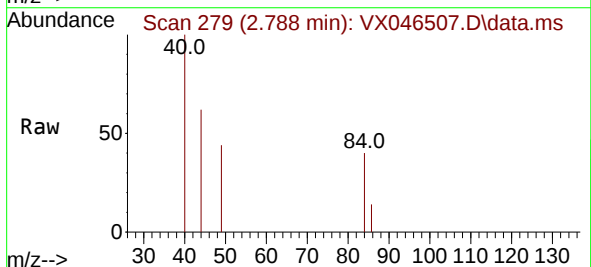
Instrument :
MSVOA_X
ClientSampleId :
IBLK

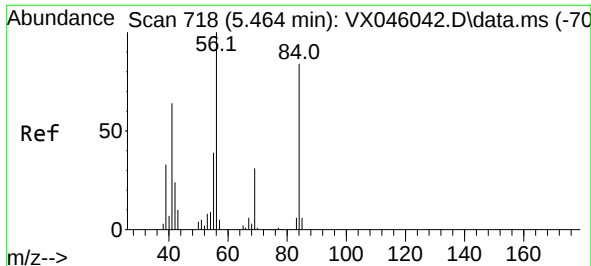
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

Tgt Ion: 84 Resp: 247
Ion Ratio Lower Upper
84 100
49 109.2 113.9 170.9#
51 0.0 33.5 50.3#
86 34.6 53.8 80.8#

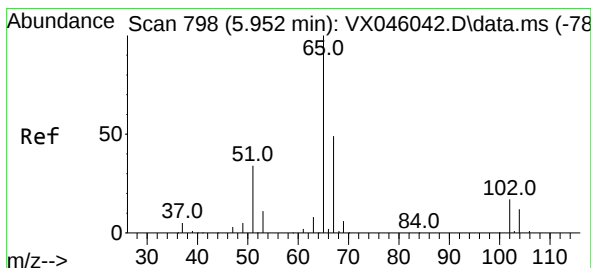
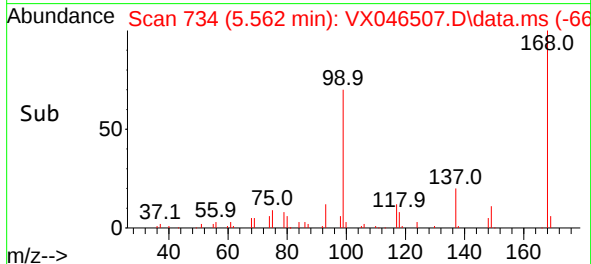
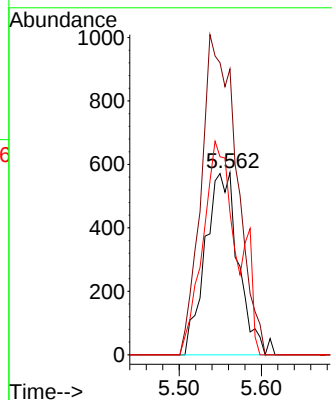
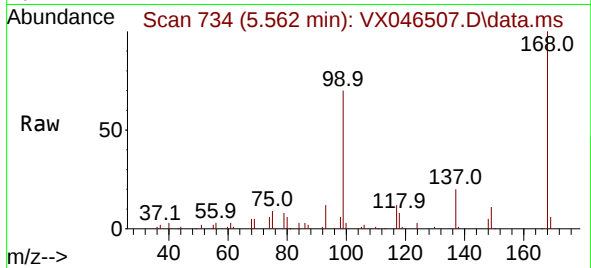




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.097 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

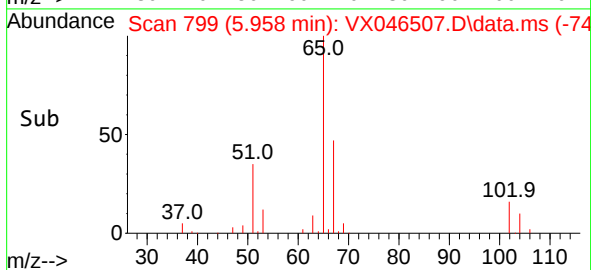
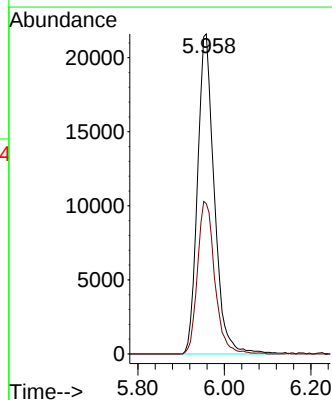
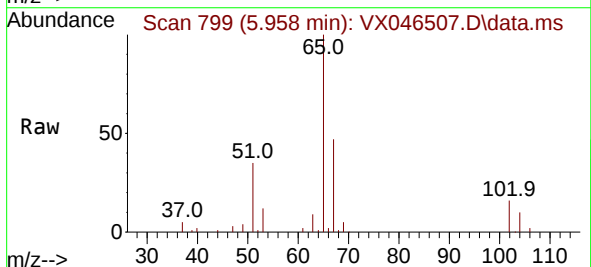
Instrument :
MSVOA_X
ClientSampleId :
IBLK

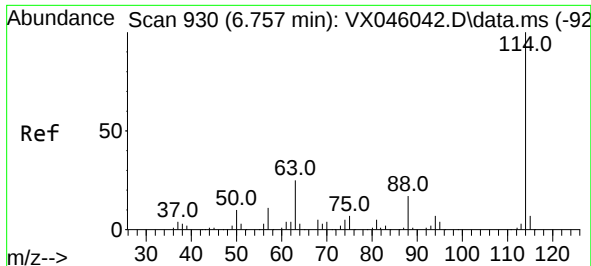
Tgt Ion: 56 Resp: 1610
Ion Ratio Lower Upper
56 100
69 157.0 24.4 36.6#
84 78.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 52.582 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

Tgt Ion: 65 Resp: 58027
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

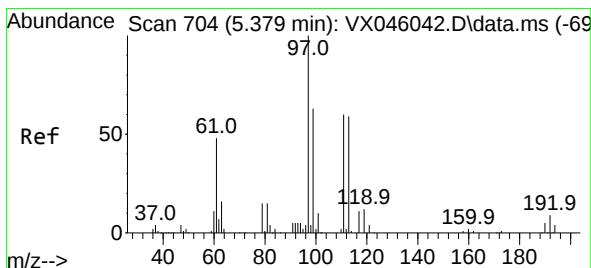
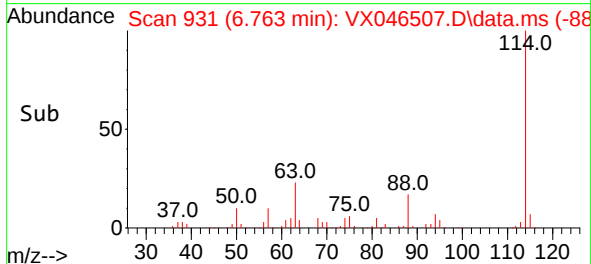
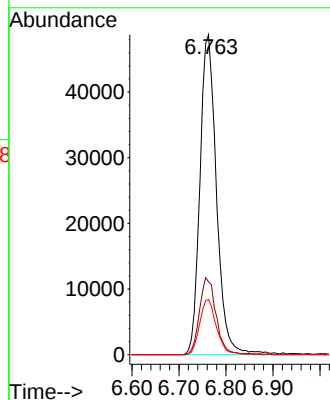
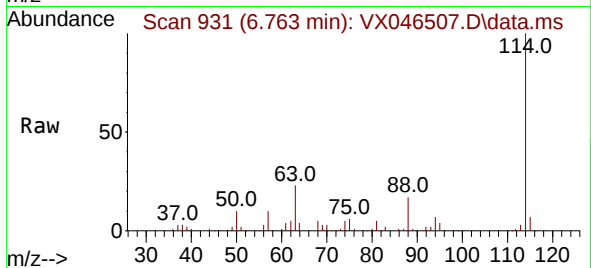




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

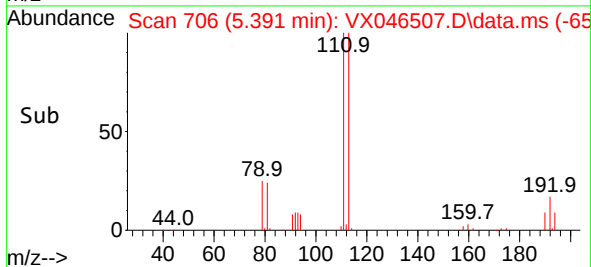
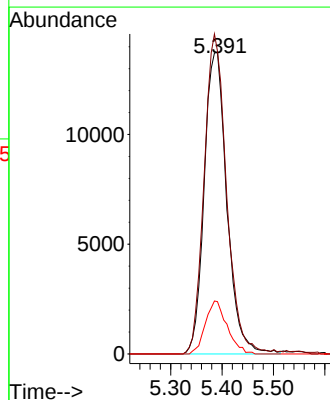
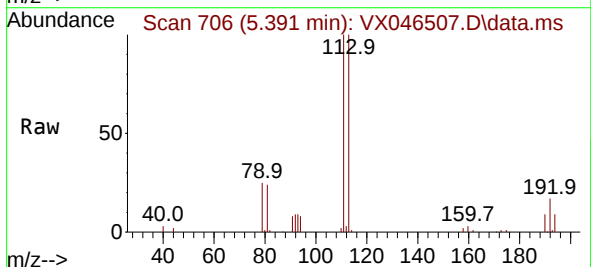
Instrument :
MSVOA_X
ClientSampleId :
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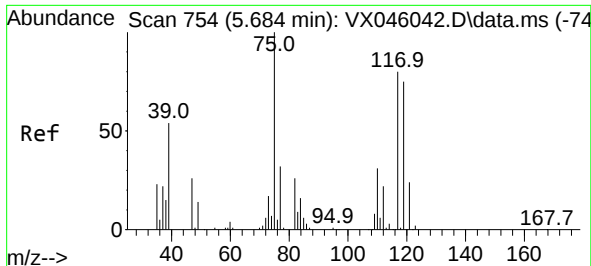
Tgt Ion:114 Resp: 119419
Ion Ratio Lower Upper
114 100
63 22.8 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.045 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

Tgt Ion:113 Resp: 42176
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 16.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX046507.D

Acq: 04 Jun 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

IBLK

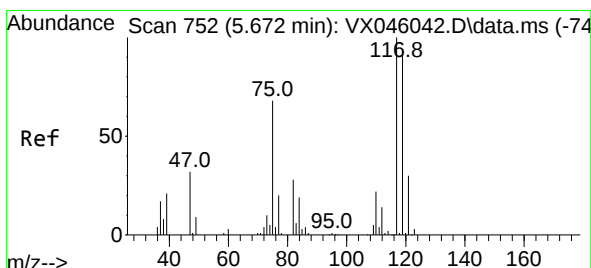
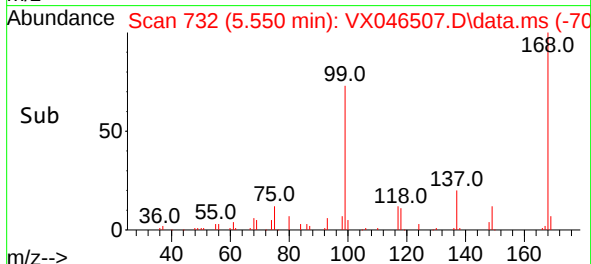
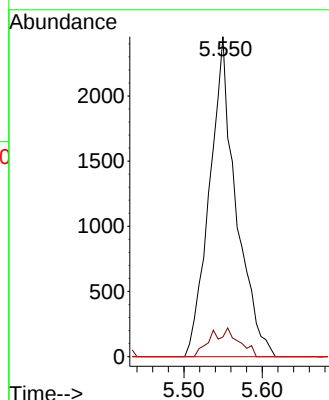
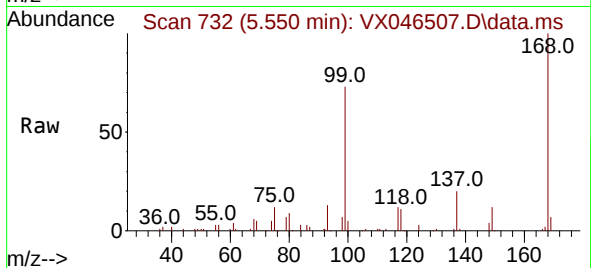
Tgt Ion: 75 Resp: 5766

Ion Ratio Lower Upper

75 100

110 3.7 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.545 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046507.D

Acq: 04 Jun 2025 17:49

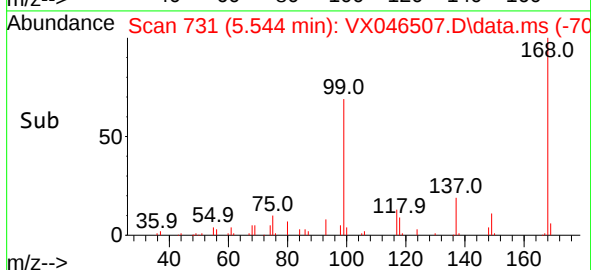
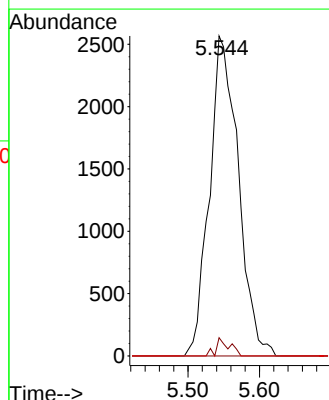
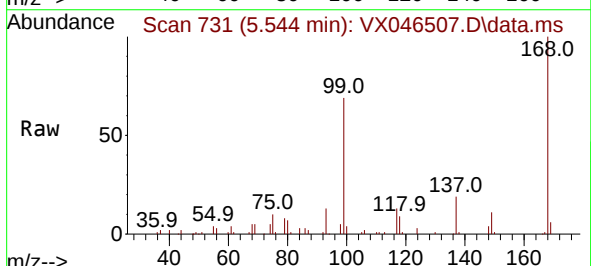
Tgt Ion: 117 Resp: 7199

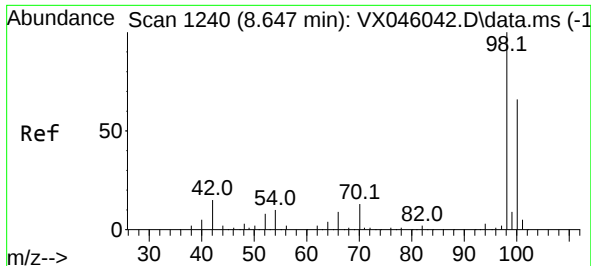
Ion Ratio Lower Upper

117 100

119 5.7 75.2 112.8#

121 0.0 24.2 36.4#

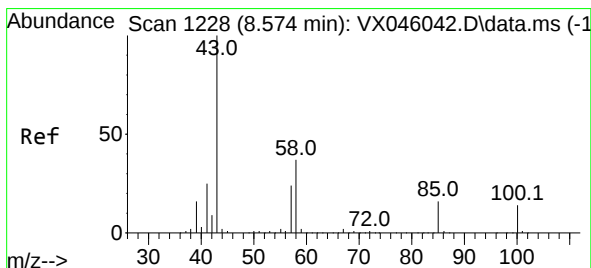
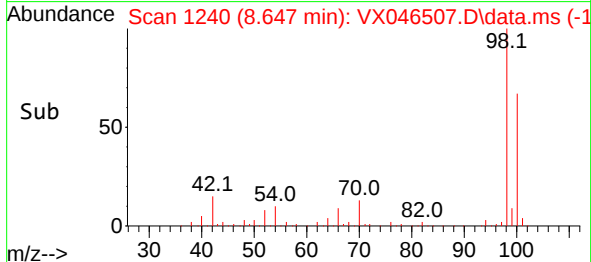
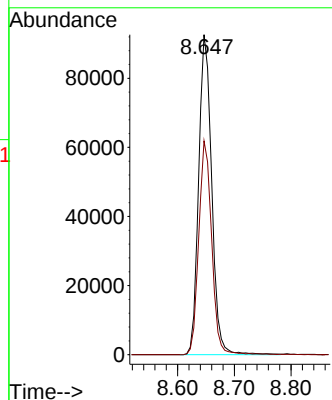
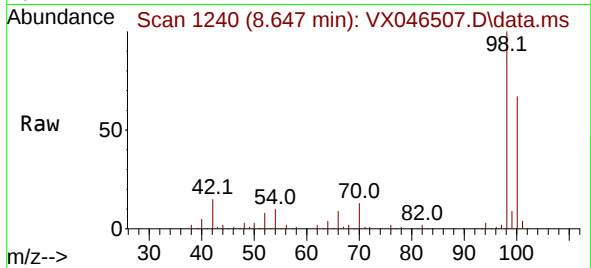




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

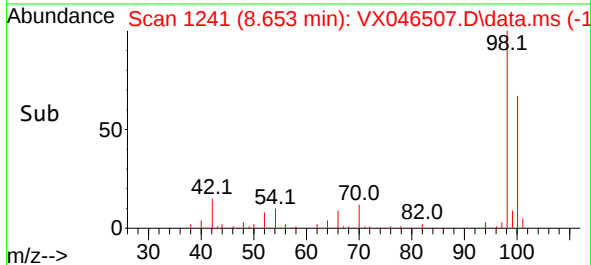
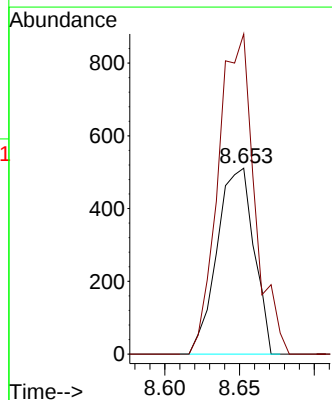
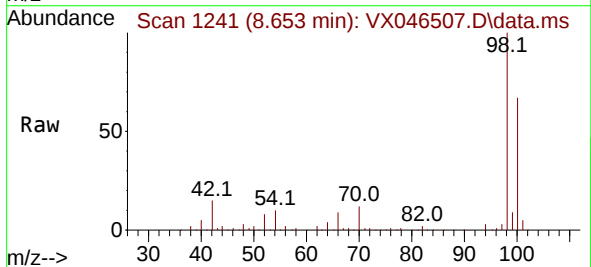
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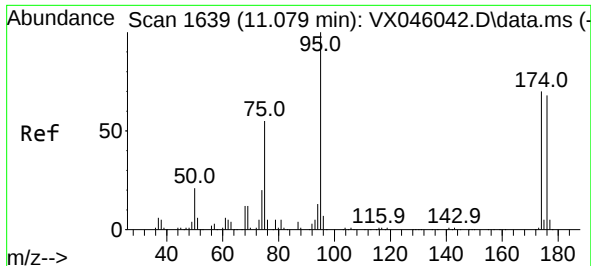
Tgt Ion: 98 Resp: 147899
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 169.6 28.9 43.3#

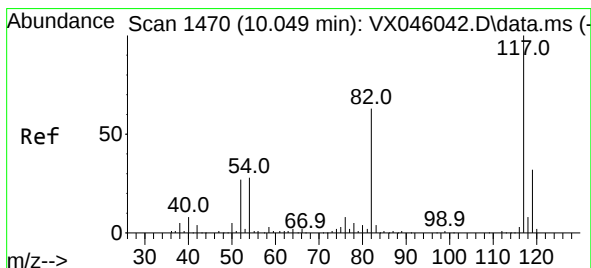
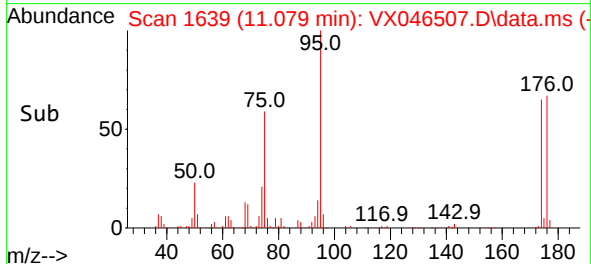
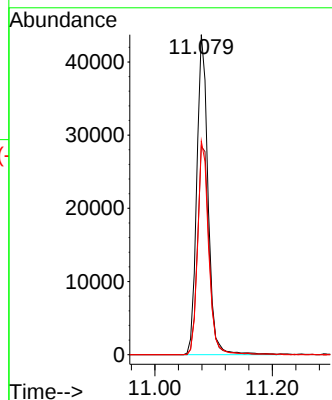
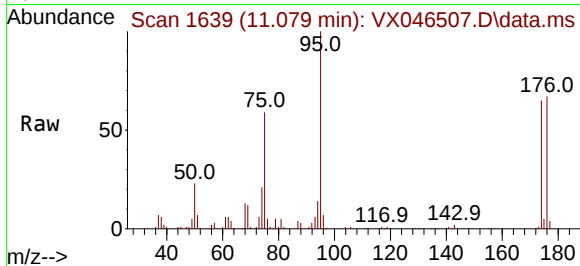




#62
4-Bromofluorobenzene
Concen: 50.895 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

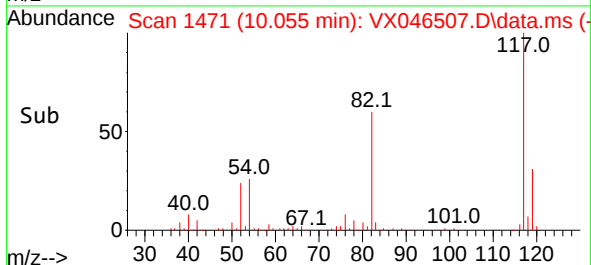
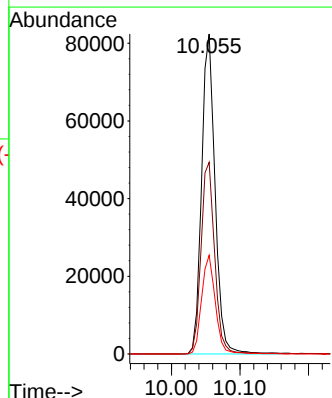
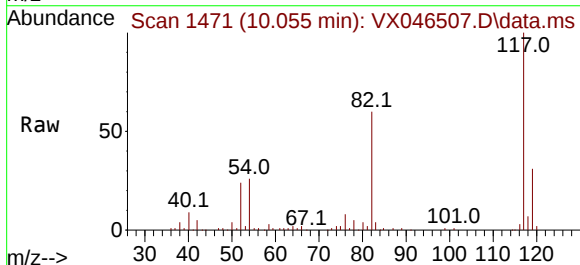
Instrument :
MSVOA_X
ClientSampleId :
IBLK

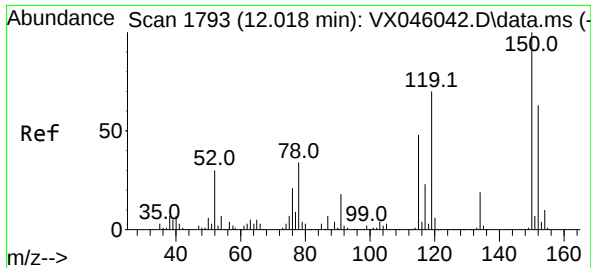
Tgt Ion: 95 Resp: 58107
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046507.D
Acq: 04 Jun 2025 17:49

Tgt Ion: 117 Resp: 112816
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 30.8 25.8 38.6

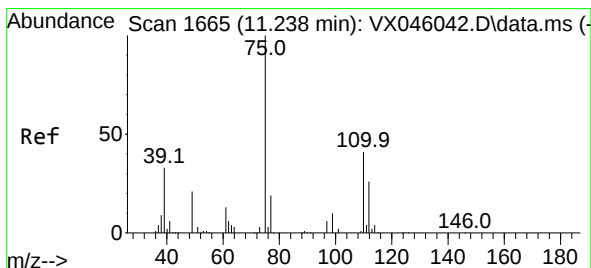
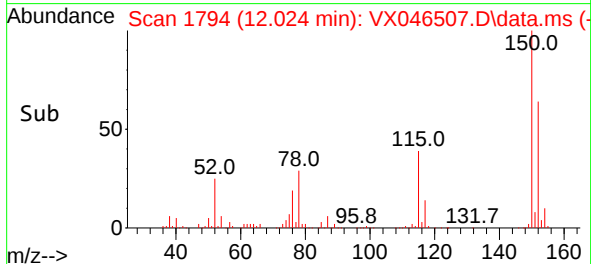
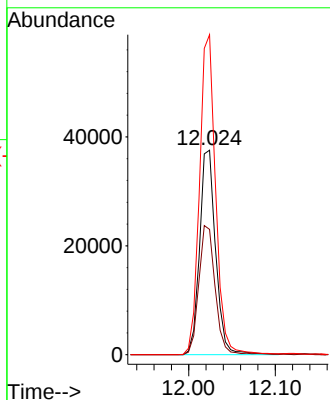
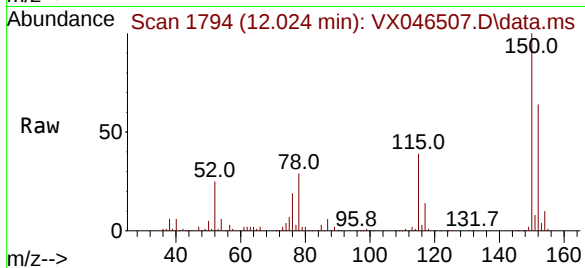




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046507.D
 Acq: 04 Jun 2025 17:49

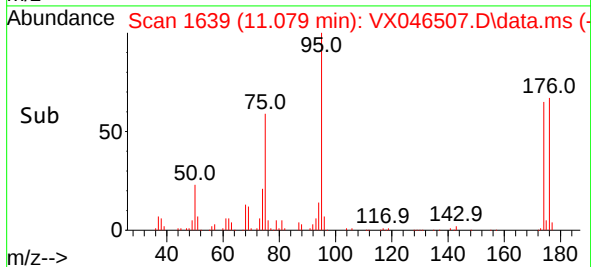
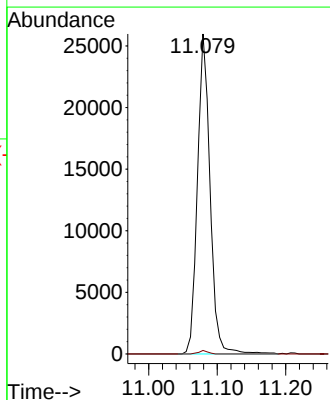
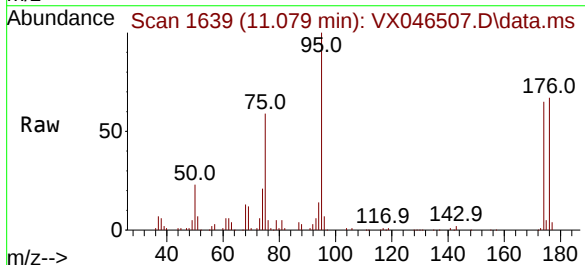
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

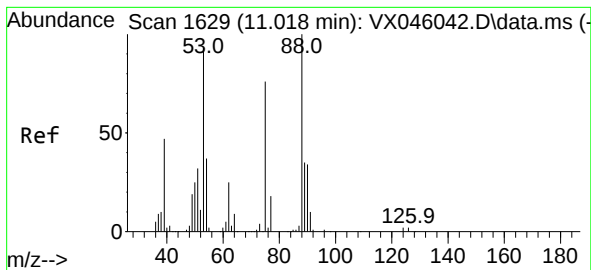
Tgt Ion:152 Resp: 48619
 Ion Ratio Lower Upper
 152 100
 115 64.3 46.9 140.7
 150 156.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.491 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046507.D
 Acq: 04 Jun 2025 17:49

Tgt Ion: 75 Resp: 33342
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.756 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046507.D
 Acq: 04 Jun 2025 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 33342
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

