

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046466.D
 Acq On : 03 Jun 2025 12:36
 Operator : JC/MD
 Sample : Q2186-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250530

Quant Time: Jun 04 01:25:51 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)

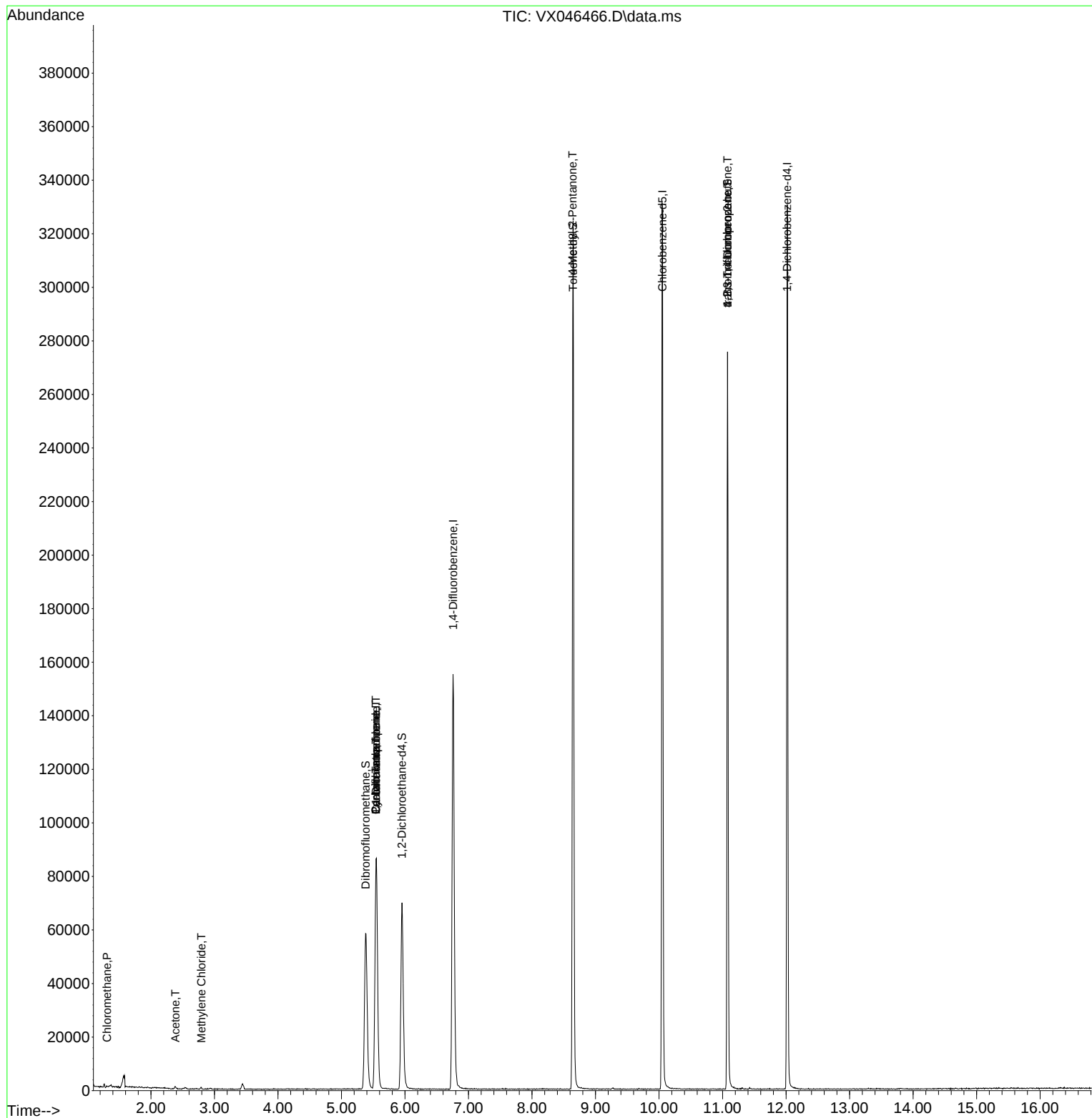
Internal Standards						
1) Pentafluorobenzene	5.543	168	73085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69528	51.028	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.060%			
35) Dibromofluoromethane	5.379	113	51892	48.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.220%			
50) Toluene-d8	8.647	98	182654	49.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	72809	51.370	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.740%			
Target Compounds						Qvalue
3) Chloromethane	1.306	50	584	0.538	ug/l	96
16) Acetone	2.386	43	941	1.722	ug/l #	79
20) Methylene Chloride	2.794	84	330	0.315	ug/l #	64
31) Cyclohexane	5.543	56	2145	1.321	ug/l #	26
36) 1,1-Dichloropropene	5.543	75	7531	5.250	ug/l #	50
38) Carbon Tetrachloride	5.543	117	8523	5.288	ug/l #	16
51) 4-Methyl-2-Pentanone	8.640	43	1103	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41486	29.039	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41486	94.542	ug/l #	1

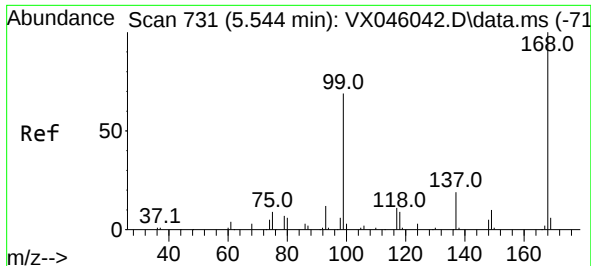
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-182-TB-20250530

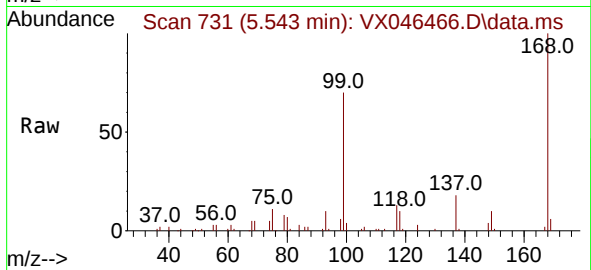
Quant Time: Jun 04 01:25:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
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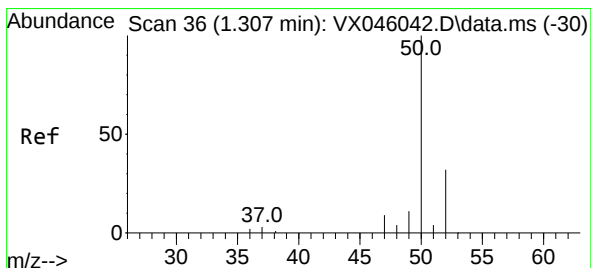
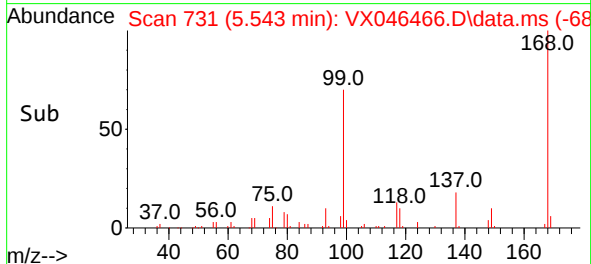
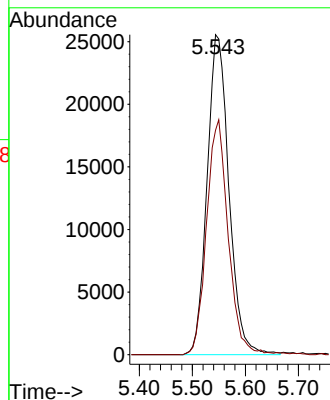


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250530

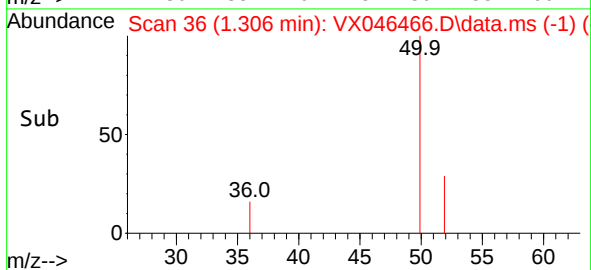
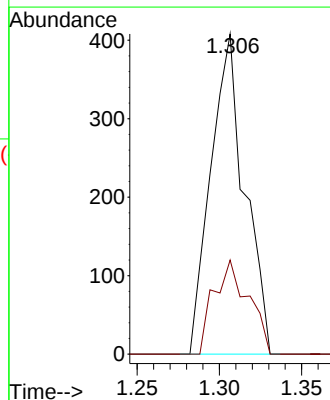
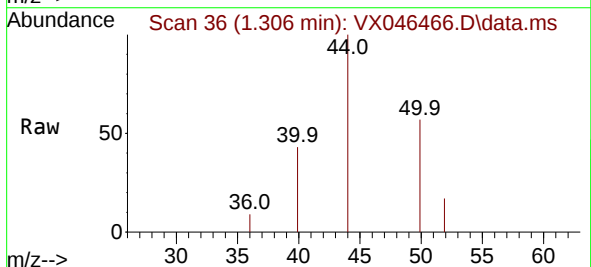


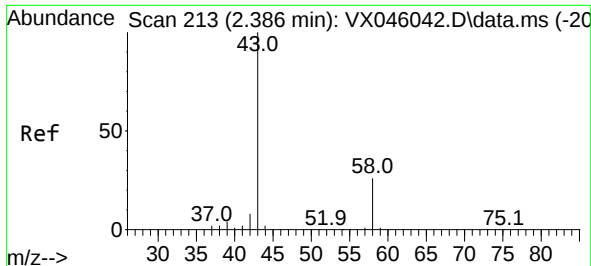
Tgt Ion:168 Resp: 73085
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3



#3
Chloromethane
Concen: 0.538 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 29.4 25.4 38.2

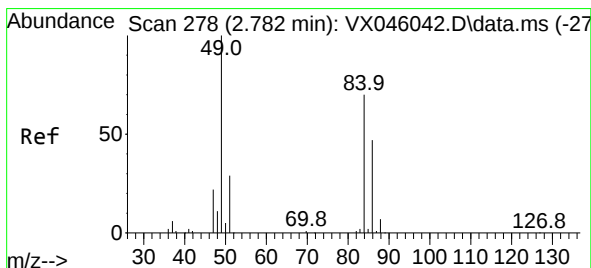
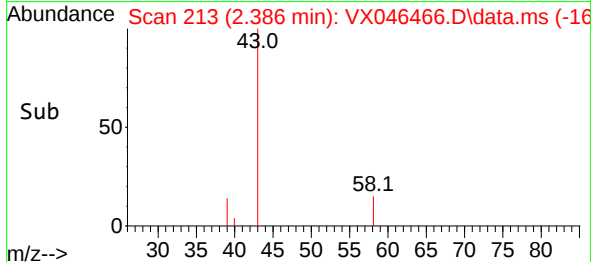
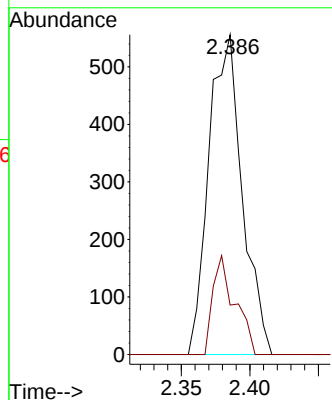
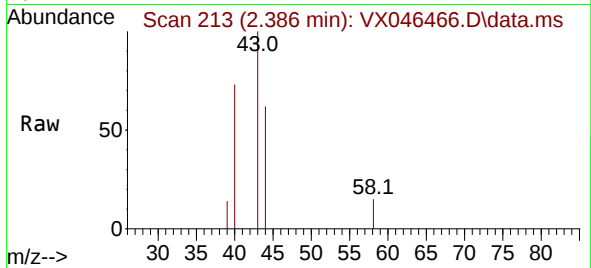




#16
Acetone
Concen: 1.722 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

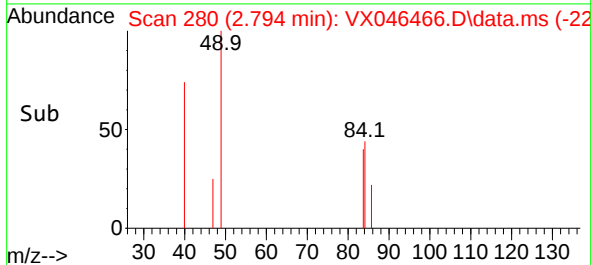
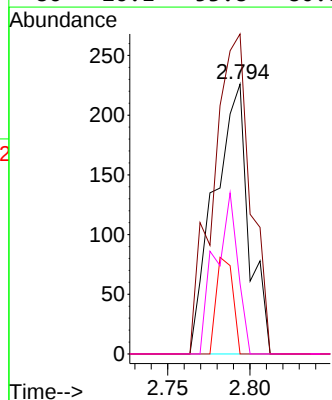
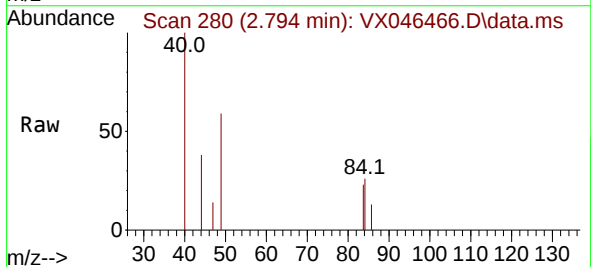
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250530

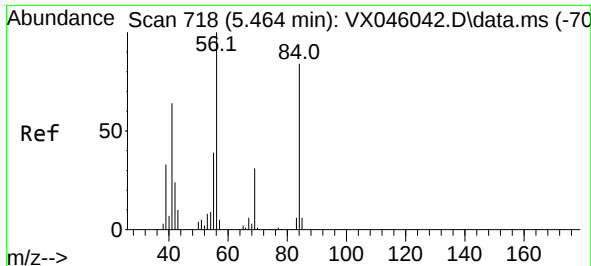
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 15.5 21.2 31.8#



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

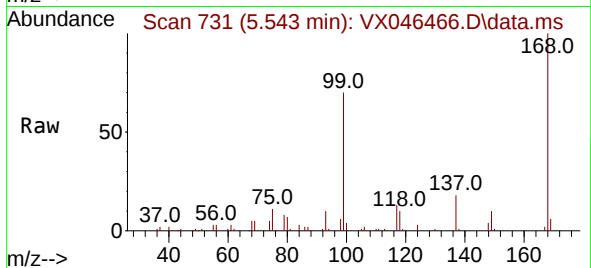
Tgt Ion: 84 Resp: 330
Ion Ratio Lower Upper
84 100
49 118.6 113.9 170.9
51 0.0 33.5 50.3#
86 26.1 53.8 80.8#



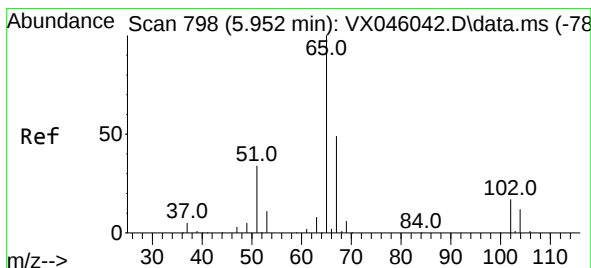
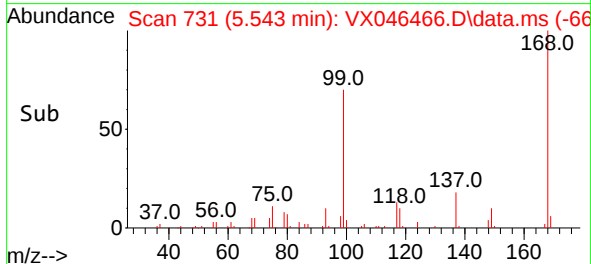
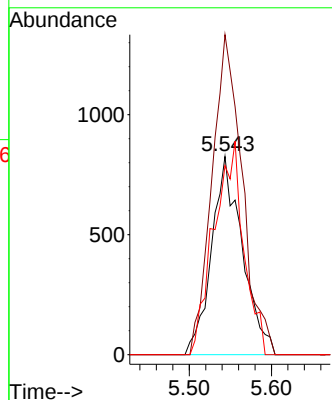


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250530

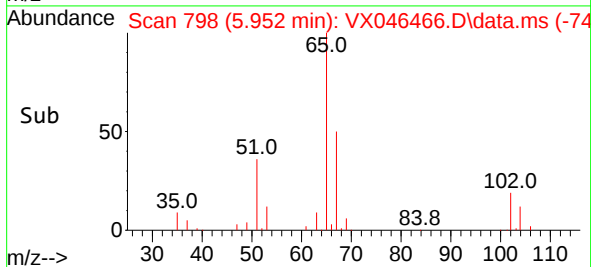
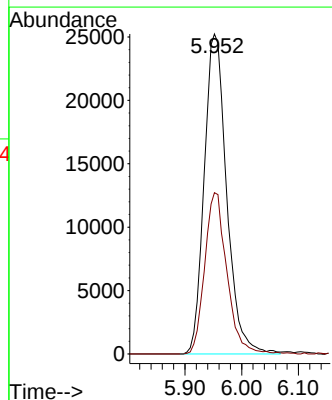
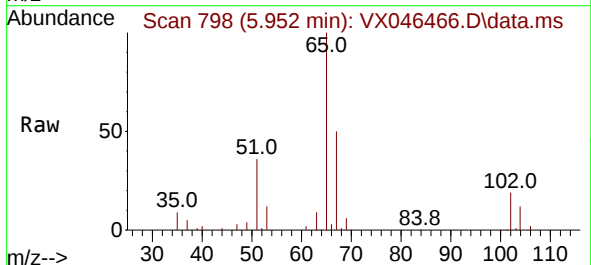


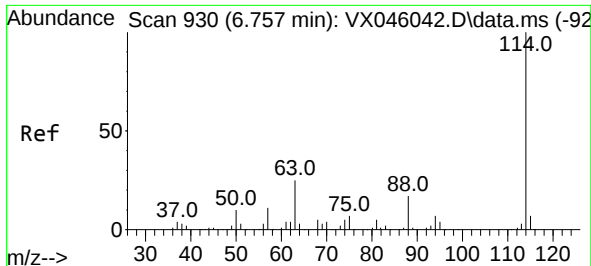
Tgt Ion: 56 Resp: 2145
Ion Ratio Lower Upper
56 100
69 161.4 24.4 36.6#
84 95.4 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.028 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

Tgt Ion: 65 Resp: 69528
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

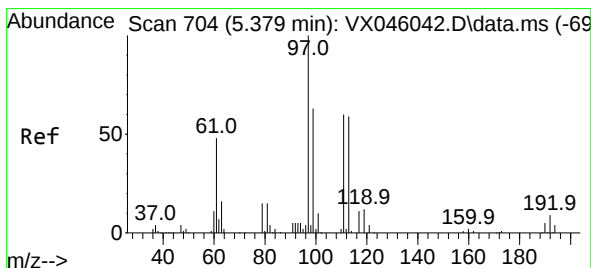
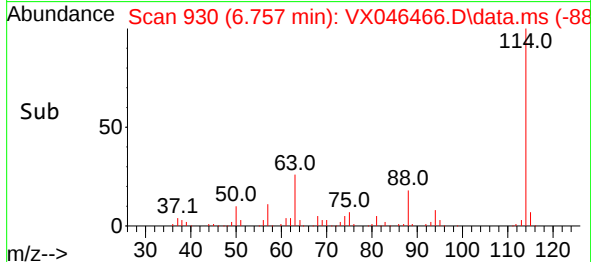
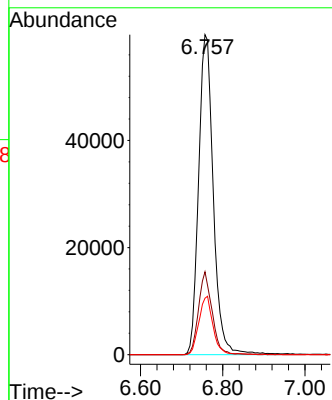
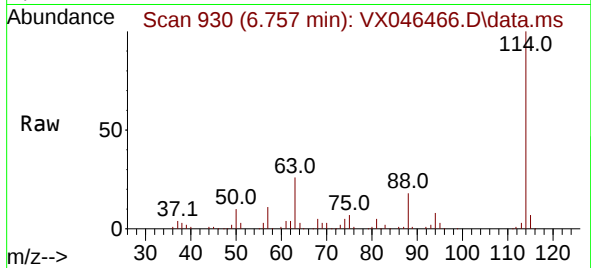




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

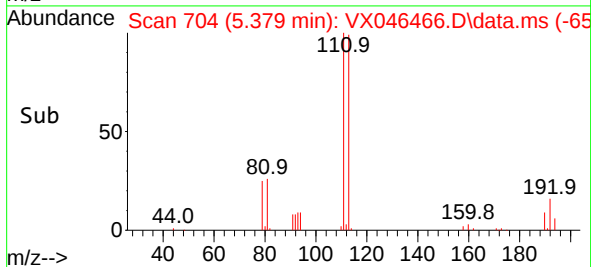
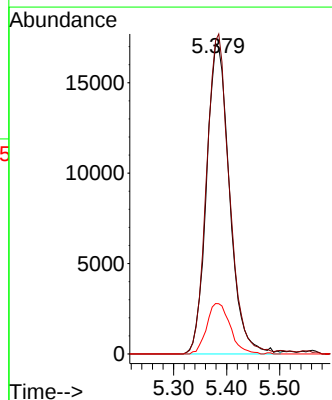
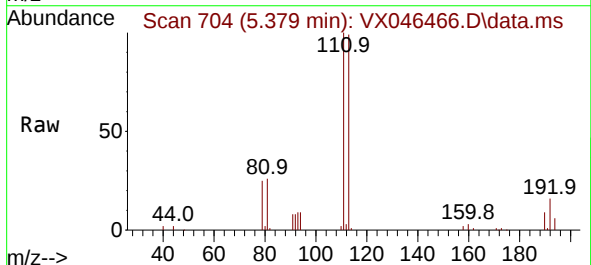
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250530

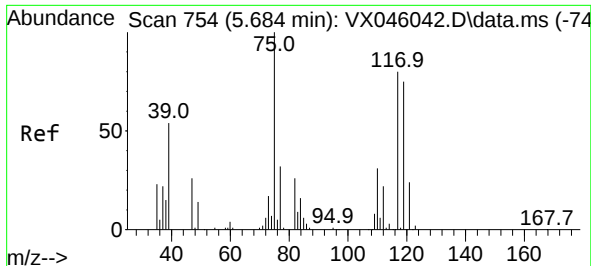
Tgt Ion:114 Resp: 148251
Ion Ratio Lower Upper
114 100
63 25.9 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.608 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

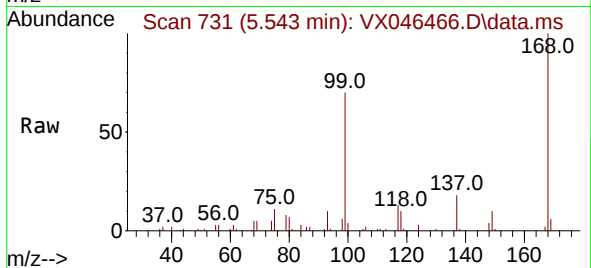
Tgt Ion:113 Resp: 51892
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 16.5 13.3 19.9



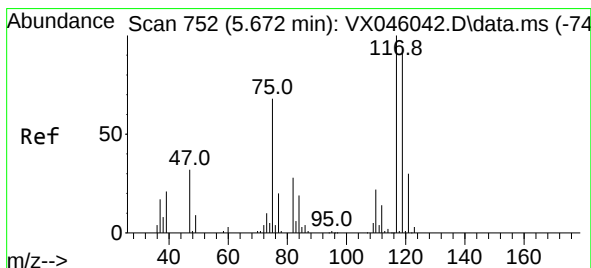
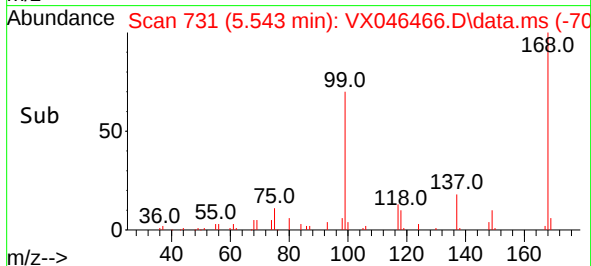
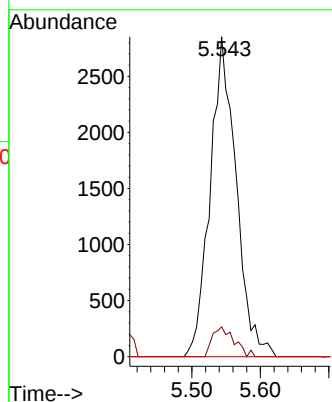


#36
 1,1-Dichloropropene
 Concen: 5.250 ug/l
 RT: 5.543 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX046466.D
 Acq: 03 Jun 2025 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250530

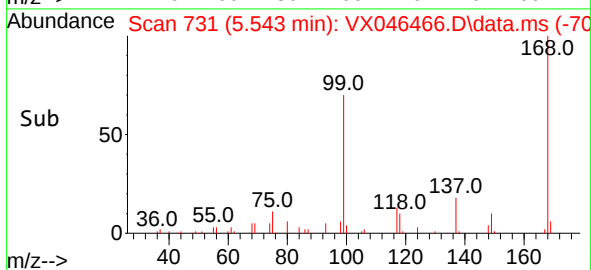
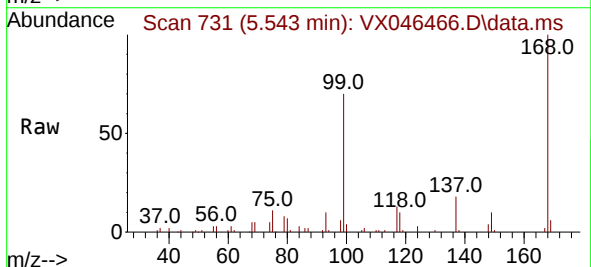
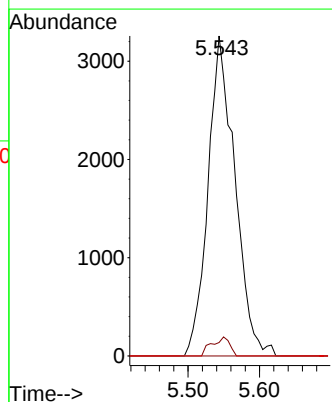


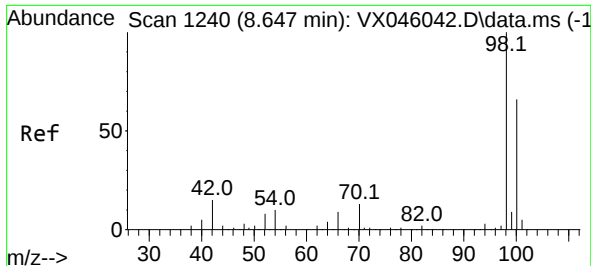
Tgt Ion: 75 Resp: 7531
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.288 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX046466.D
 Acq: 03 Jun 2025 12:36

Tgt Ion: 117 Resp: 8523
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.2 112.8#
 121 0.0 24.2 36.4#

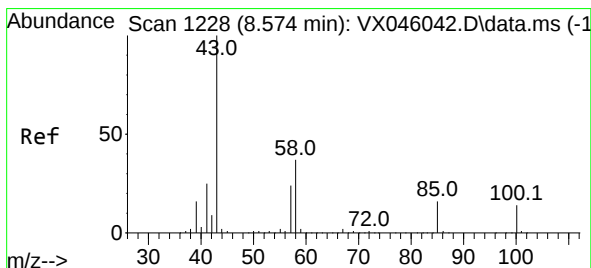
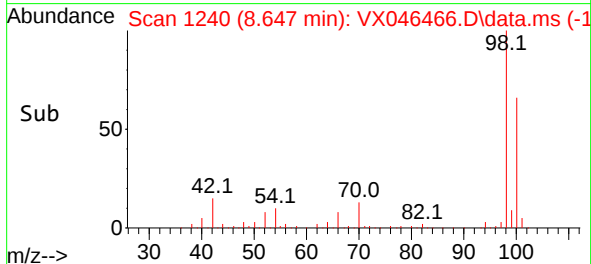
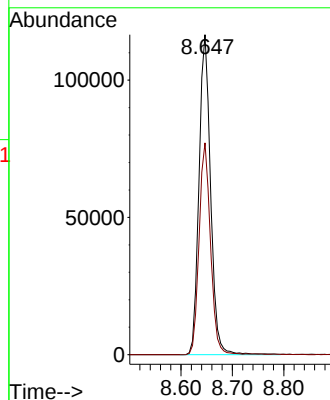
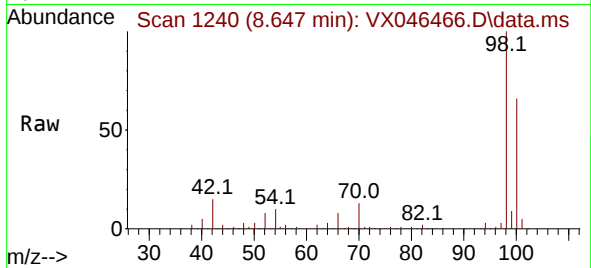




#50
Toluene-d8
Concen: 49.433 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

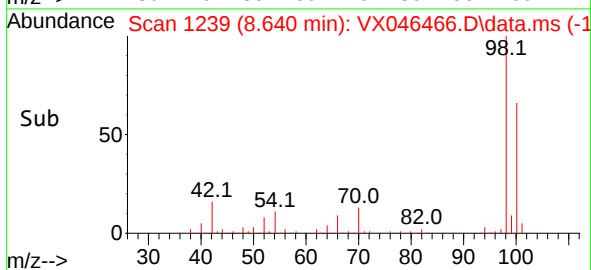
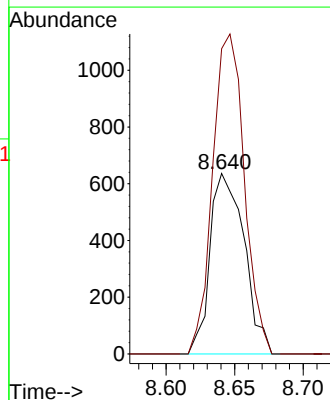
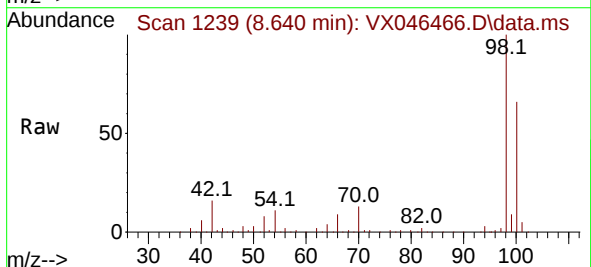
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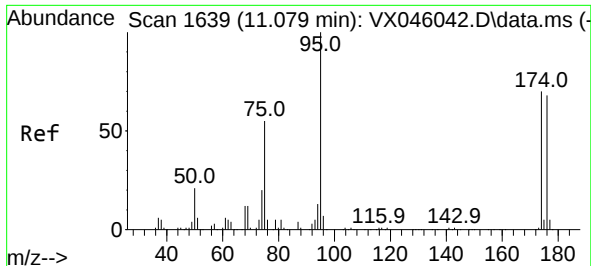
Tgt Ion: 98 Resp: 182654
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 164.8 28.9 43.3#

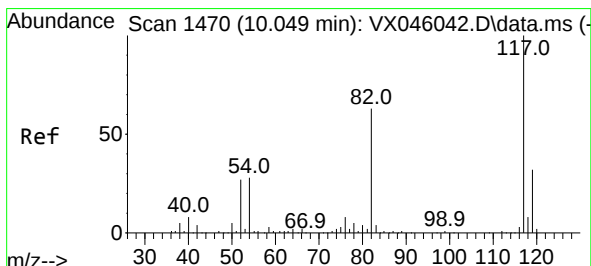
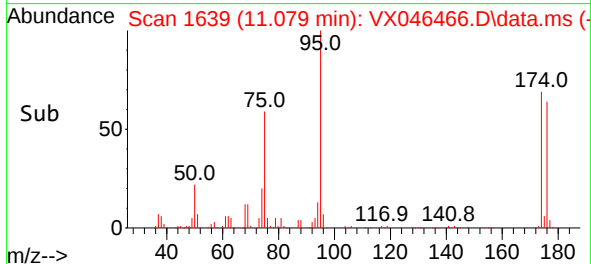
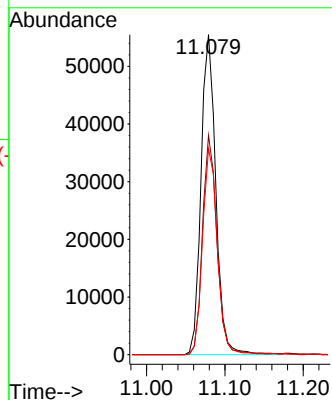
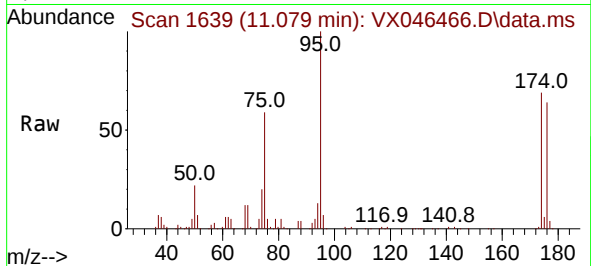




#62
4-Bromofluorobenzene
Concen: 51.370 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

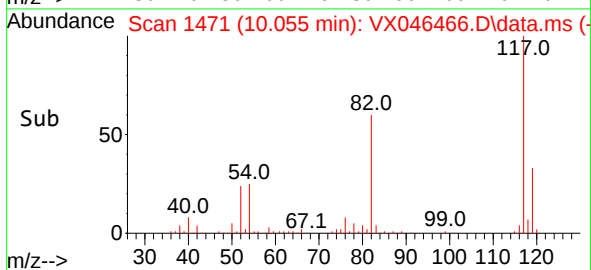
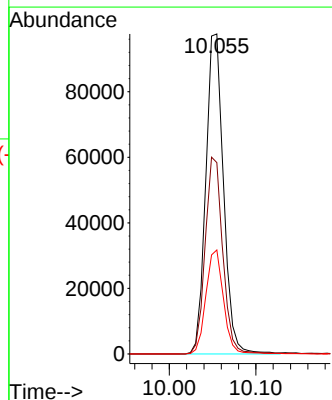
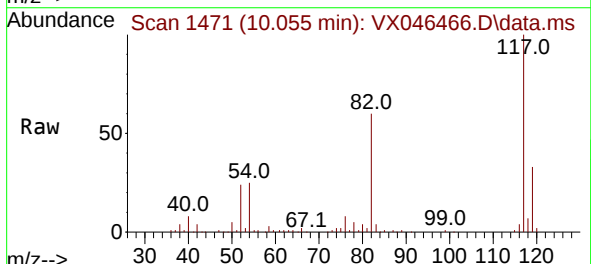
Instrument :
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BP-VPB-182-TB-20250530

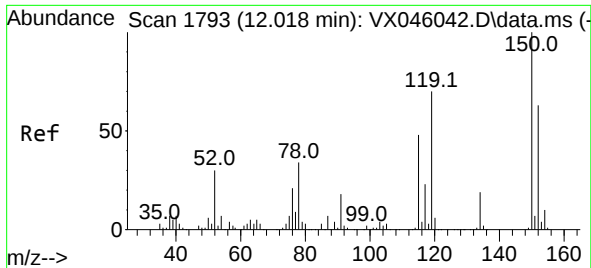
Tgt Ion: 95 Resp: 72809
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046466.D
Acq: 03 Jun 2025 12:36

Tgt Ion: 117 Resp: 138870
Ion Ratio Lower Upper
117 100
82 59.8 50.6 76.0
119 32.5 25.8 38.6

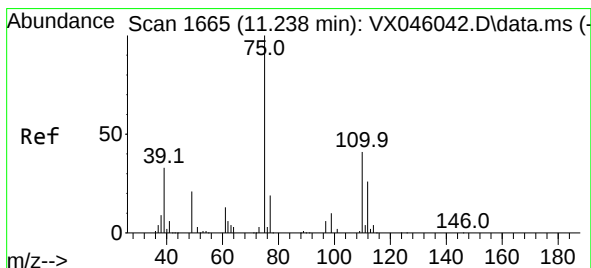
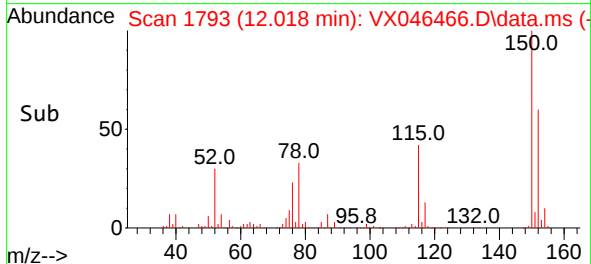
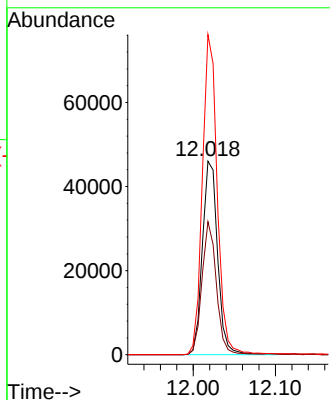
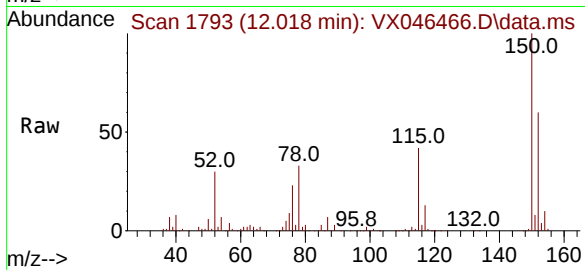




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046466.D
 Acq: 03 Jun 2025 12:36

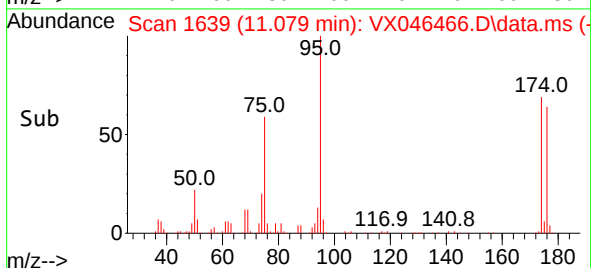
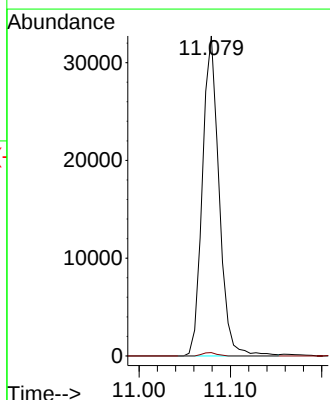
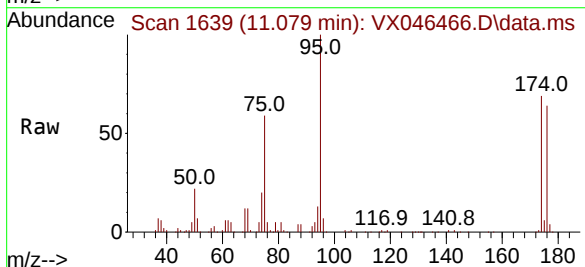
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250530

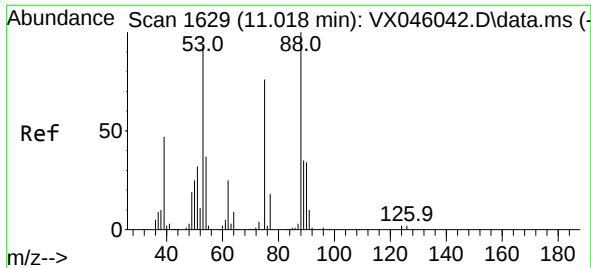
Tgt Ion:152 Resp: 59352
 Ion Ratio Lower Upper
 152 100
 115 65.1 46.9 140.7
 150 162.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.039 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046466.D
 Acq: 03 Jun 2025 12:36

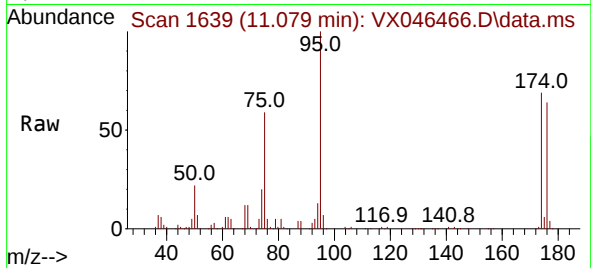
Tgt Ion: 75 Resp: 41486
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.542 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046466.D
 Acq: 03 Jun 2025 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250530



Tgt Ion: 75 Resp: 41486
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

