

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046442.D
 Acq On : 02 Jun 2025 14:00
 Operator : JC/MD
 Sample : Q2164-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jun 03 01:29:58 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)

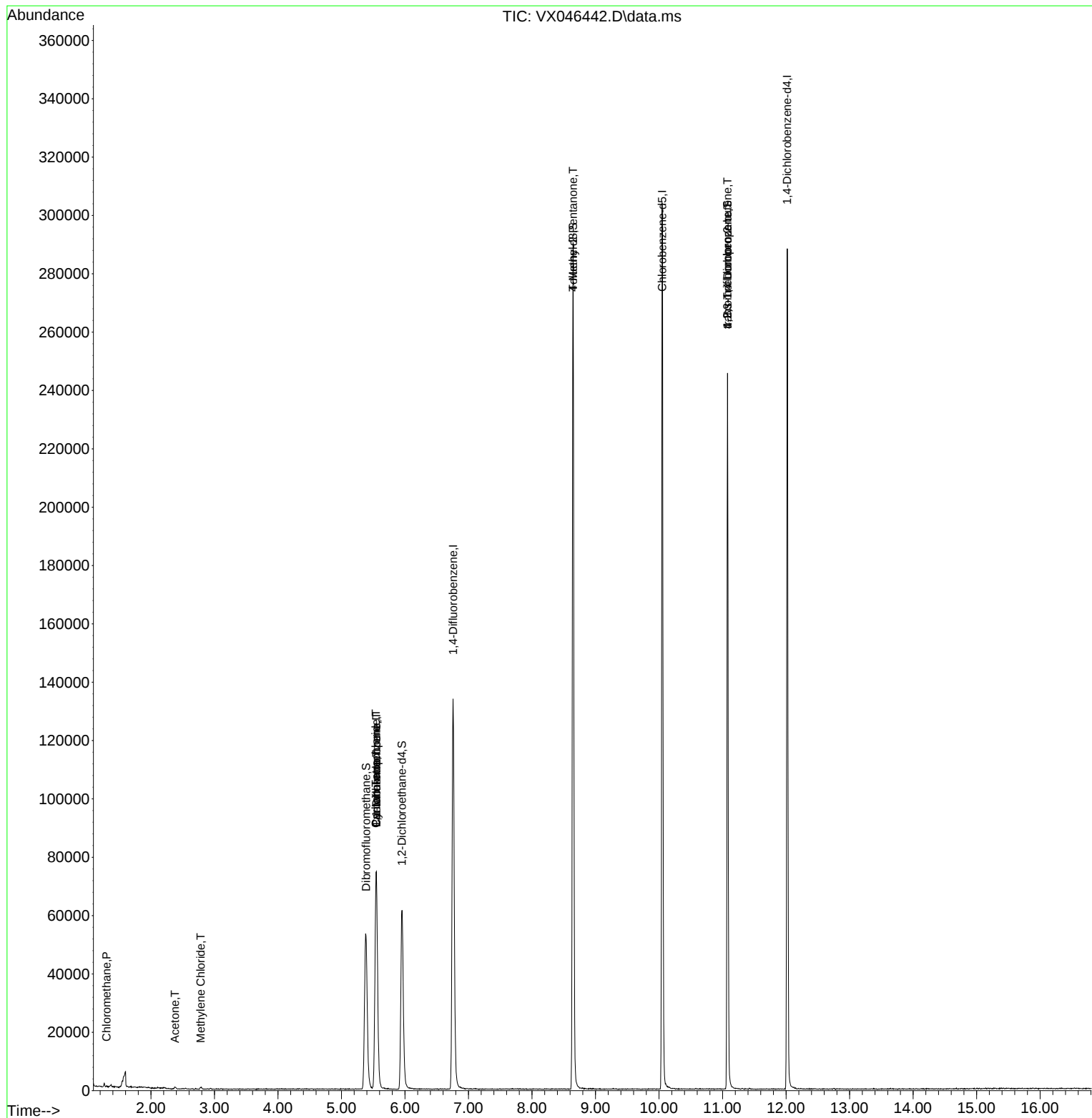
Internal Standards						
1) Pentafluorobenzene	5.550	168	63570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64349	54.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.600%	
35) Dibromofluoromethane	5.385	113	47767	51.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	8.647	98	161774	50.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	11.079	95	62663	51.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	516	0.547	ug/l #	88
16) Acetone	2.379	43	812	1.709	ug/l #	84
20) Methylene Chloride	2.782	84	298	0.327	ug/l #	51
31) Cyclohexane	5.550	56	1710	1.211	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	6105	4.923	ug/l #	47
38) Carbon Tetrachloride	5.543	117	7152	5.133	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	922	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36466	28.827	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36466	93.853	ug/l #	1

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

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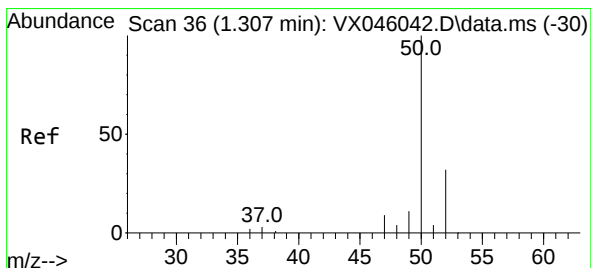
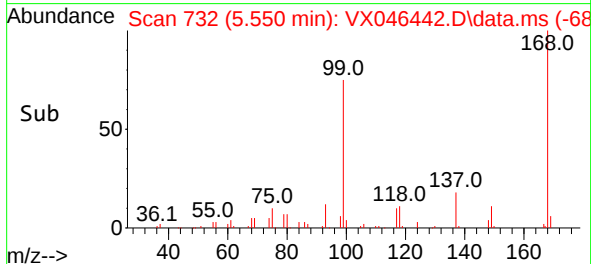
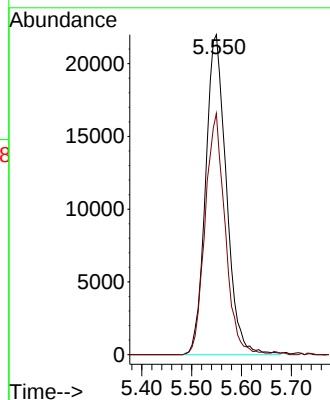
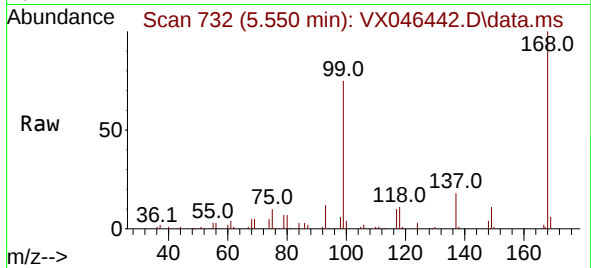




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

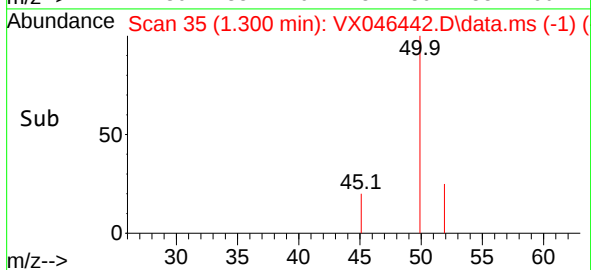
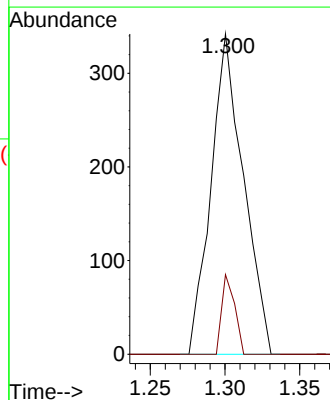
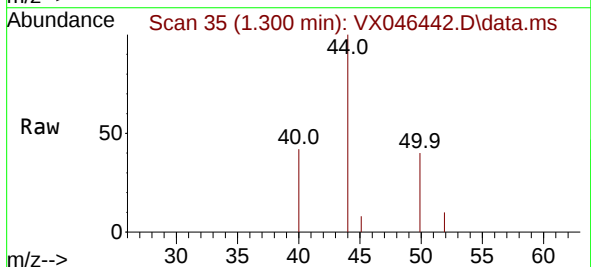
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 63570
Ion Ratio Lower Upper
168 100
99 75.4 54.9 82.3



#3
Chloromethane
Concen: 0.547 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 24.9 25.4 38.2#





#16

Acetone

Concen: 1.709 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX046442.D

Acq: 02 Jun 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :

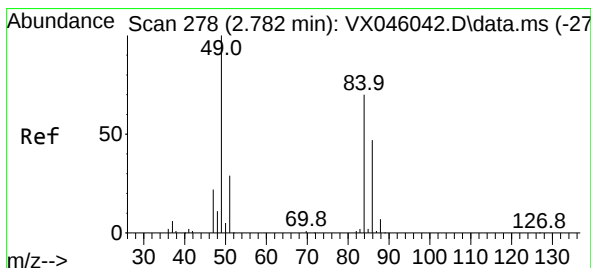
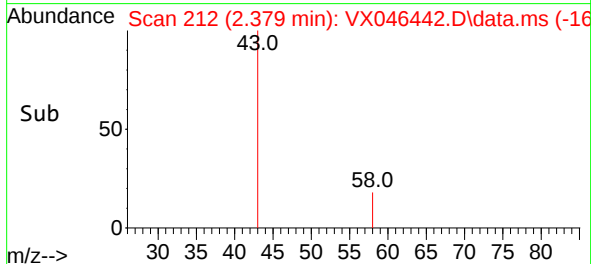
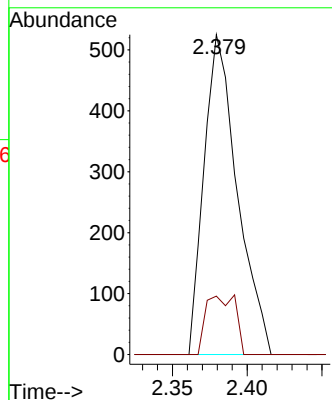
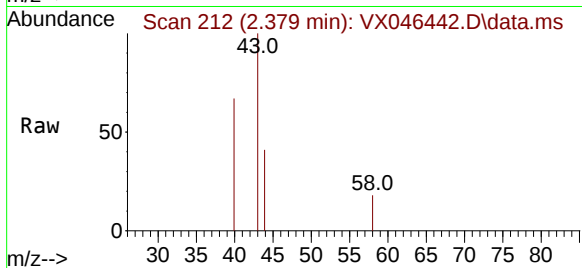
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 18.3 21.2 31.8#



#20

Methylene Chloride

Concen: 0.327 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046442.D

Acq: 02 Jun 2025 14:00

Tgt Ion: 84 Resp: 298

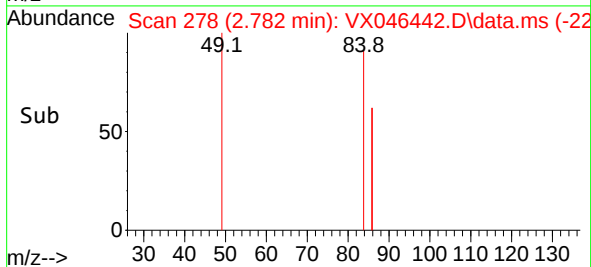
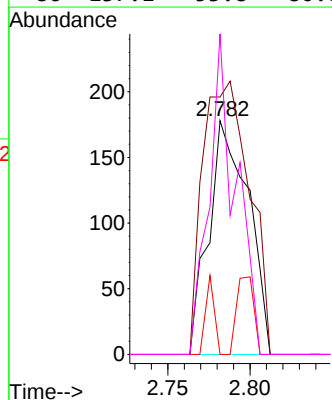
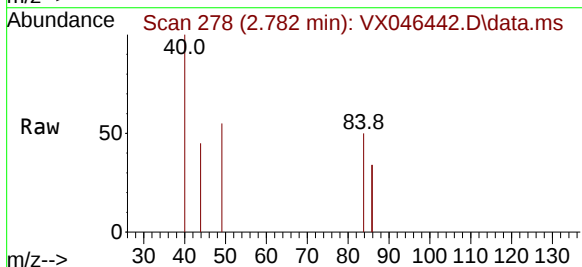
Ion Ratio Lower Upper

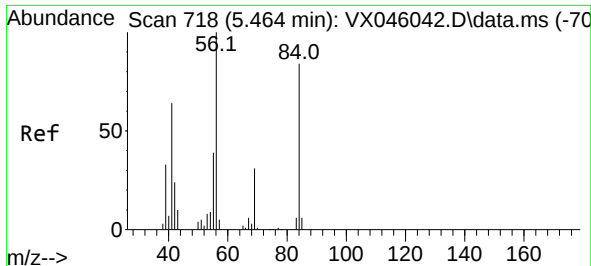
84 100

49 110.1 113.9 170.9#

51 0.0 33.5 50.3#

86 137.1 53.8 80.8#

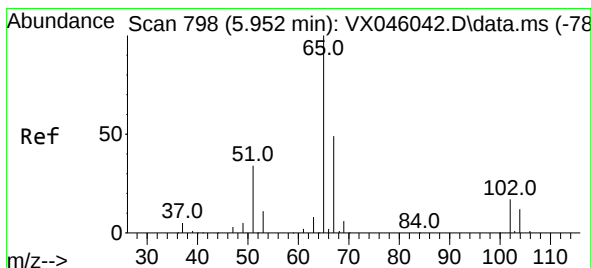
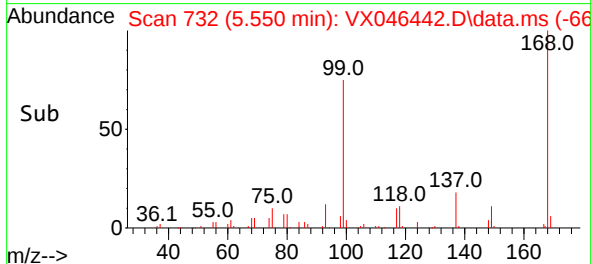
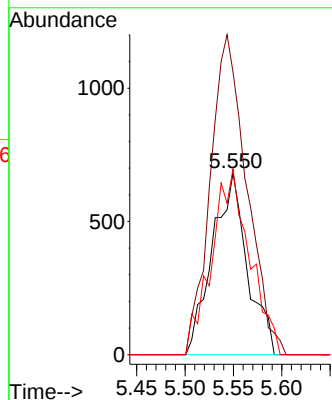
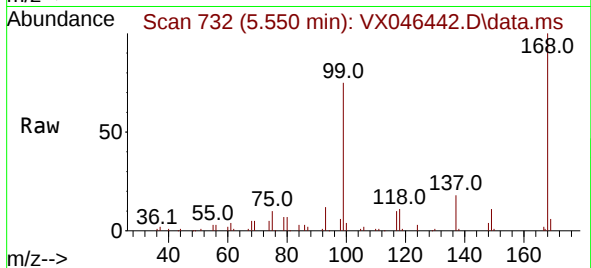




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

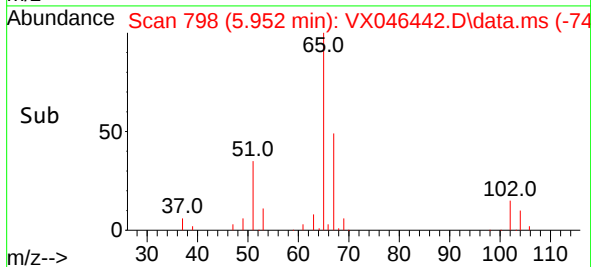
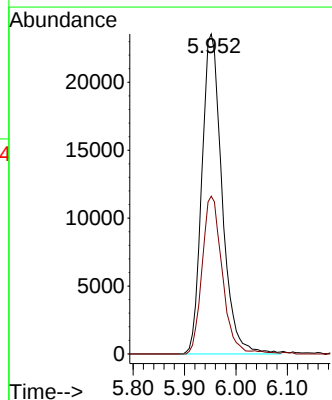
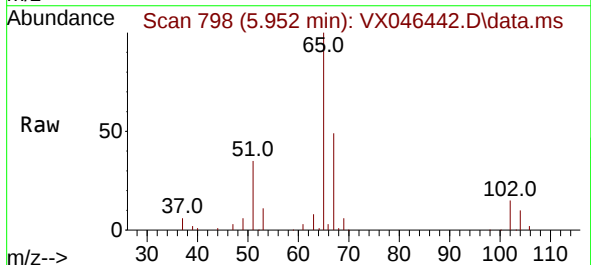
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

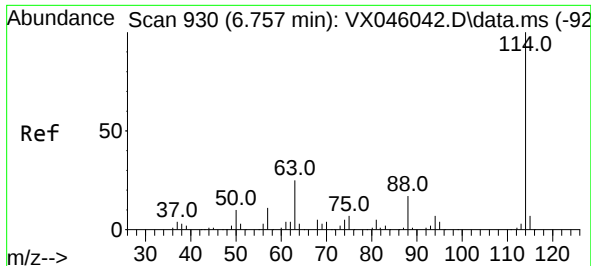
Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
69 155.8 24.4 36.6#
84 102.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.296 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

Tgt Ion: 65 Resp: 64349
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

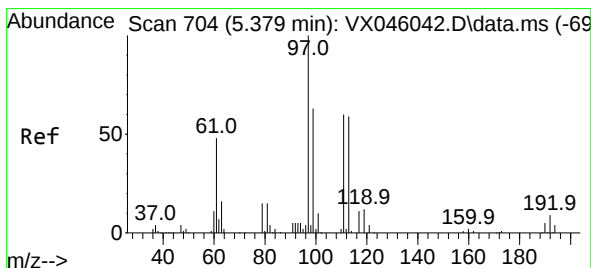
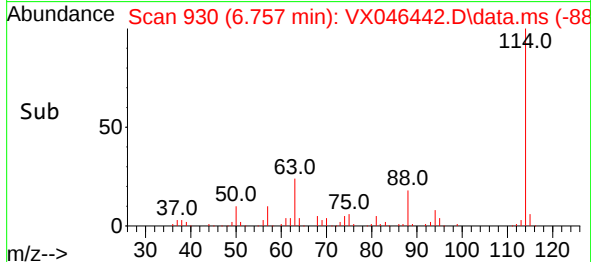
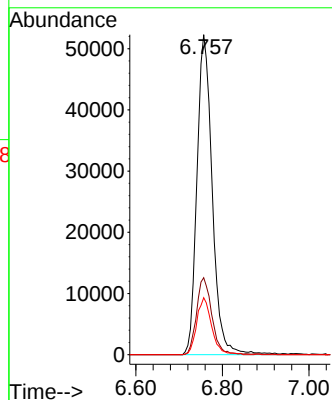
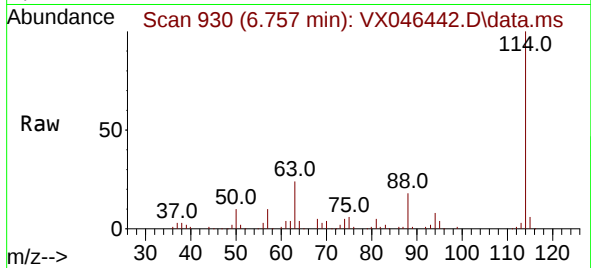




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

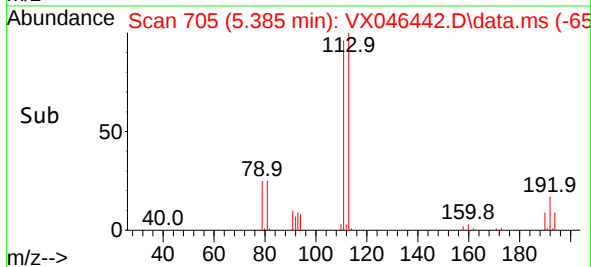
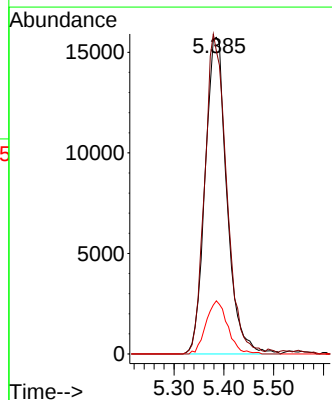
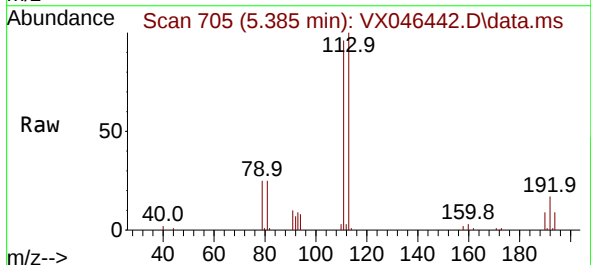
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

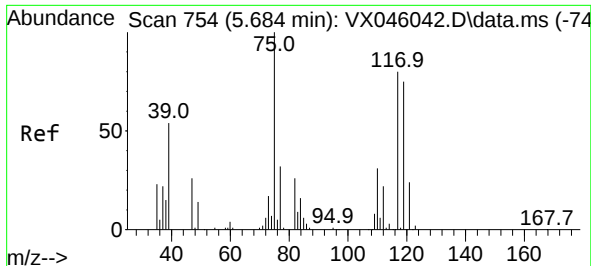
Tgt Ion:114	Resp:	128178
Ion	Ratio	Lower Upper
114	100	
63	24.1	0.0 49.2
88	17.8	0.0 33.6



#35
Dibromofluoromethane
Concen: 51.751 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

Tgt Ion:113	Resp:	47767
Ion	Ratio	Lower Upper
113	100	
111	101.3	83.1 124.7
192	16.7	13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.923 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX046442.D

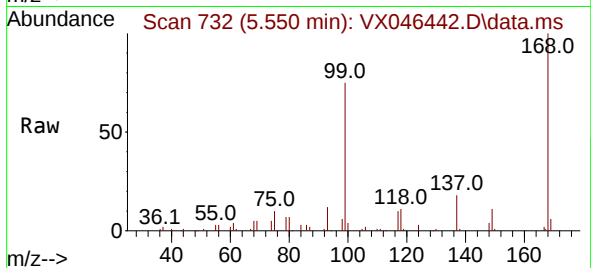
Acq: 02 Jun 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



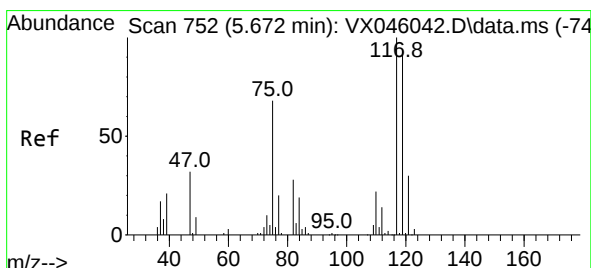
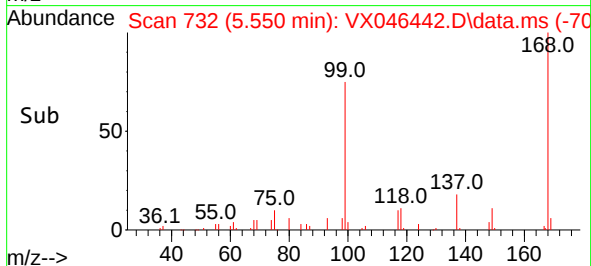
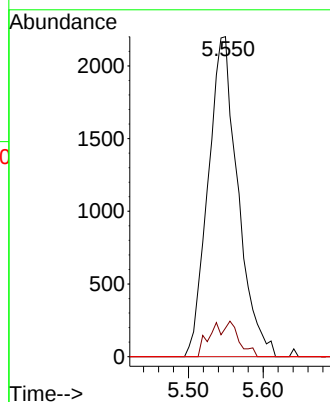
Tgt Ion: 75 Resp: 6105

Ion Ratio Lower Upper

75 100

110 4.8 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.133 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046442.D

Acq: 02 Jun 2025 14:00

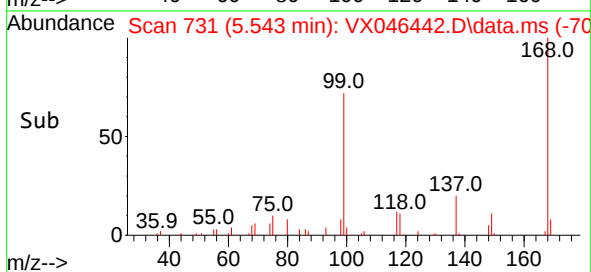
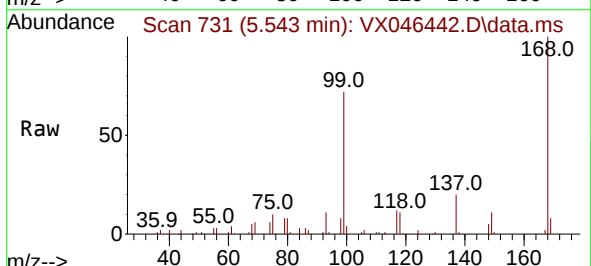
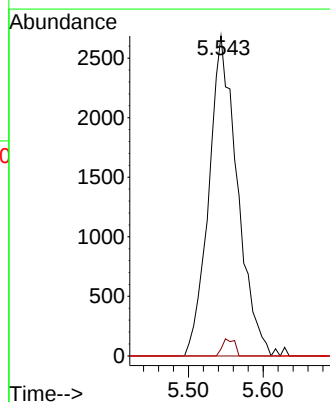
Tgt Ion: 117 Resp: 7152

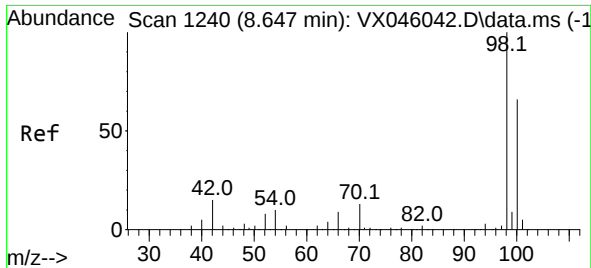
Ion Ratio Lower Upper

117 100

119 2.2 75.2 112.8#

121 0.0 24.2 36.4#

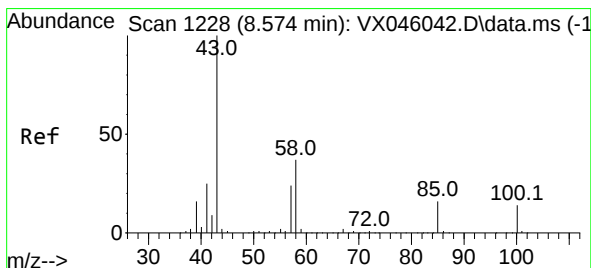
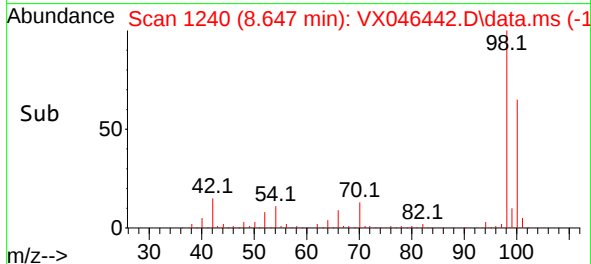
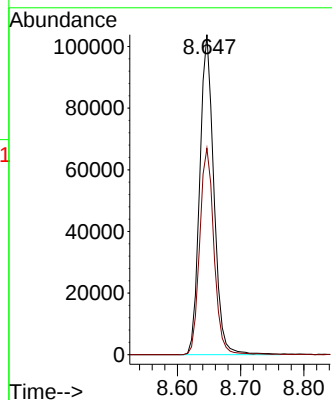
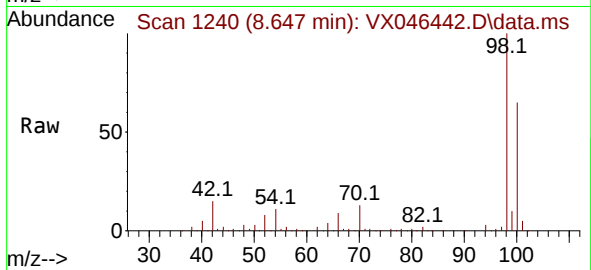




#50
Toluene-d8
Concen: 50.638 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

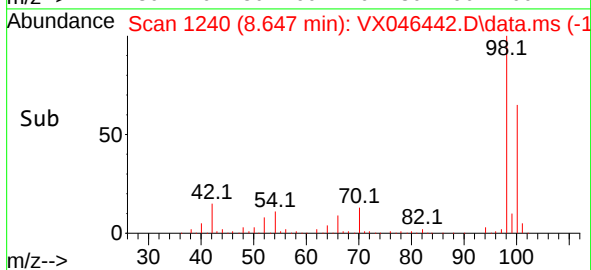
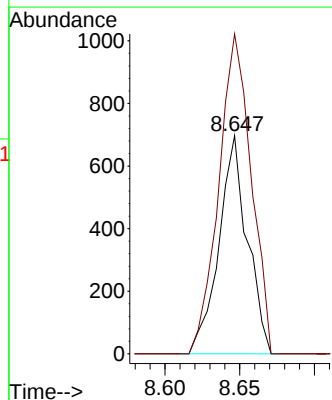
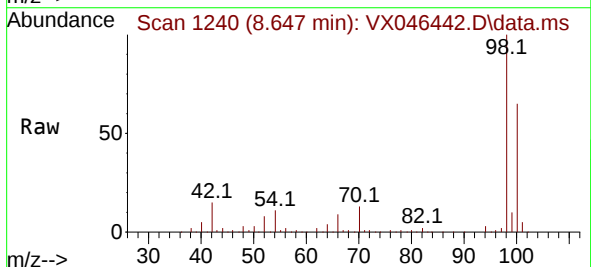
Instrument : MSVOA_X
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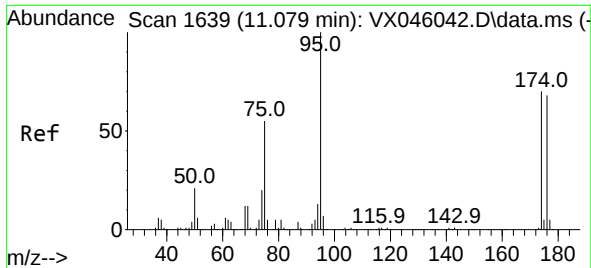
Tgt Ion: 98 Resp: 161774
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 167.0 28.9 43.3#

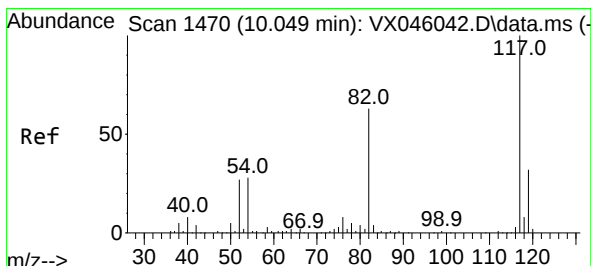
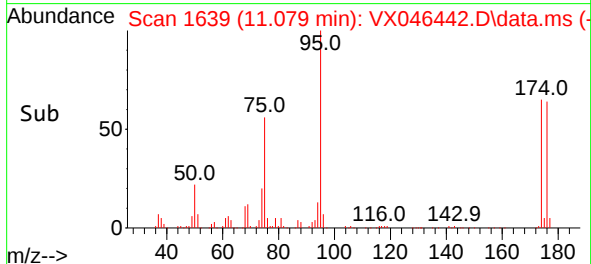
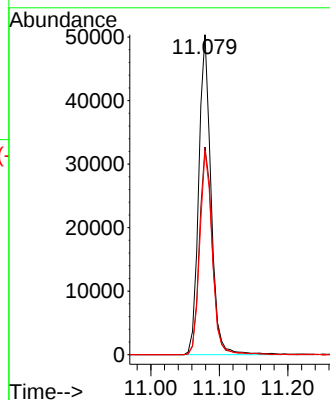
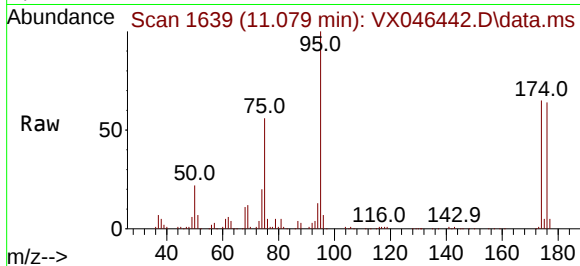




#62
4-Bromofluorobenzene
Concen: 51.135 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

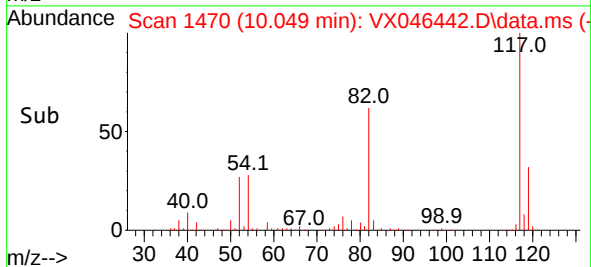
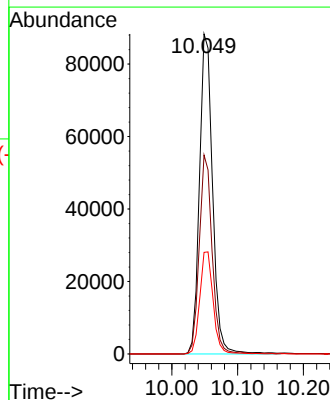
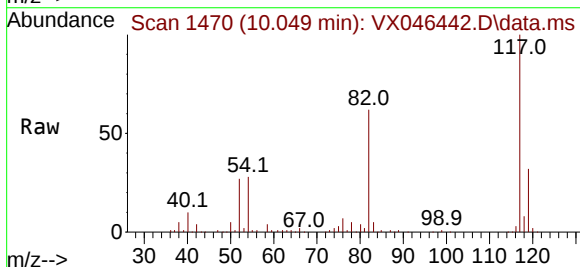
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

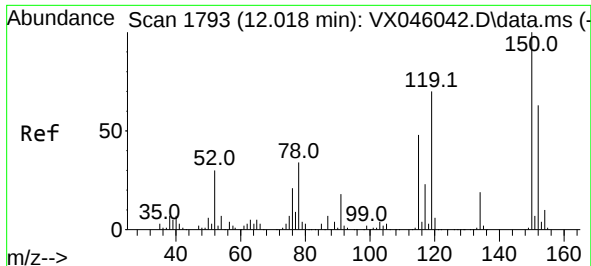
Tgt Ion: 95 Resp: 62663
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

Tgt Ion: 117 Resp: 122500
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 31.8 25.8 38.6

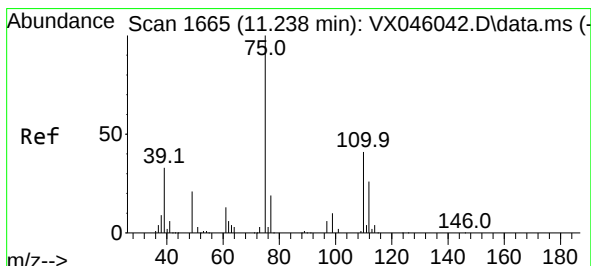
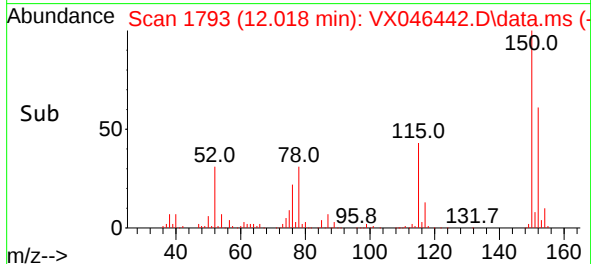
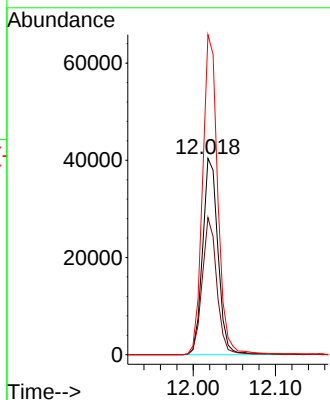
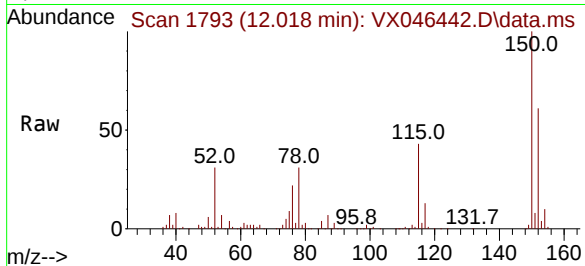




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046442.D
 Acq: 02 Jun 2025 14:00

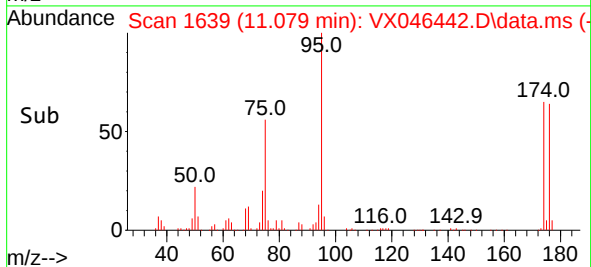
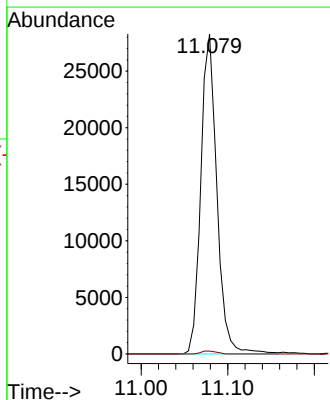
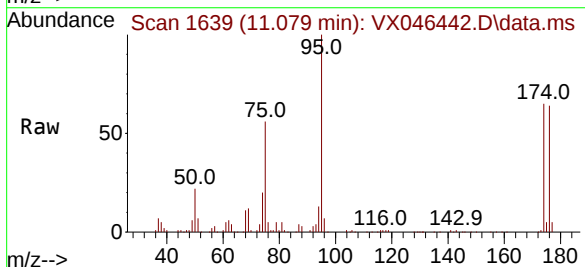
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

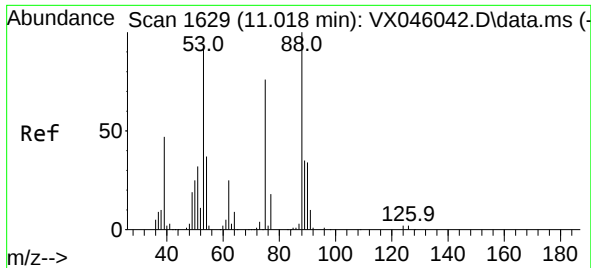
Tgt Ion:152 Resp: 52553
 Ion Ratio Lower Upper
 152 100
 115 66.8 46.9 140.7
 150 160.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.827 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046442.D
 Acq: 02 Jun 2025 14:00

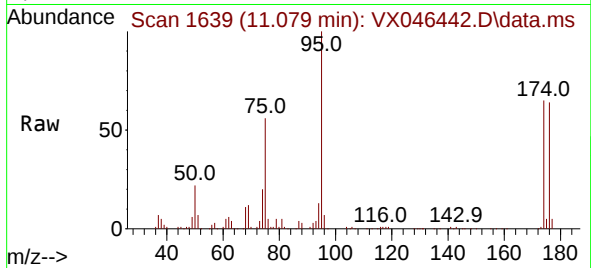
Tgt Ion: 75 Resp: 36466
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.853 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046442.D
Acq: 02 Jun 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 36466
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

