

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047050.D
 Acq On : 18 Jul 2025 15:21
 Operator : JC/MD
 Sample : Q2637-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 19 04:25:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

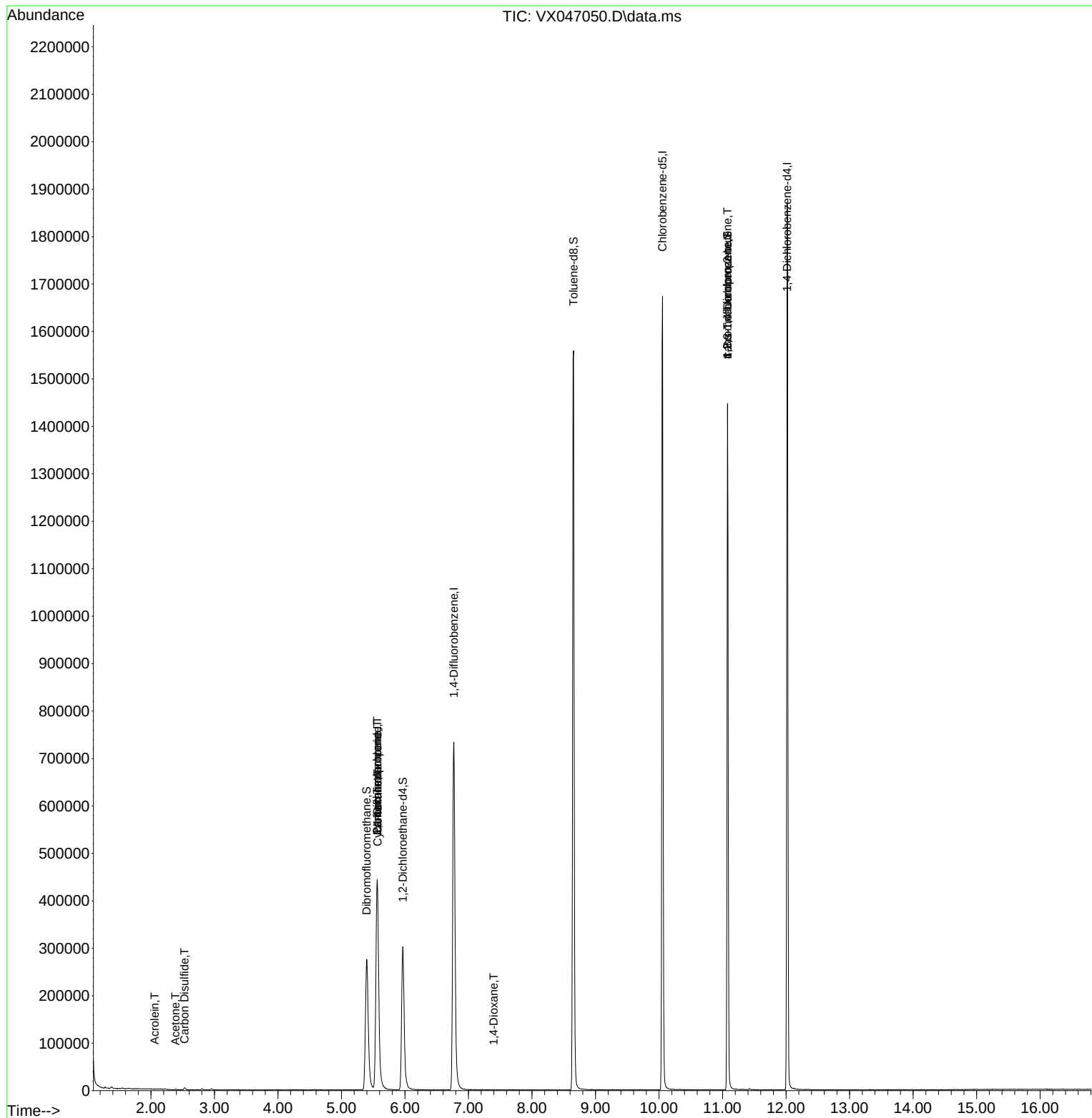
Internal Standards						
1) Pentafluorobenzene	5.562	168	449004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	797488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	745002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	366135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	316374	53.335	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.680%			
35) Dibromofluoromethane	5.397	113	261781	48.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.720%			
50) Toluene-d8	8.653	98	962920	50.416	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	385387	53.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.180%			
Target Compounds						
					Qvalue	
13) Acrolein	2.056	56	108	3.083	ug/l #	15
16) Acetone	2.385	43	1343	0.729	ug/l #	42
17) Carbon Disulfide	2.526	76	4787	0.375	ug/l	95
31) Cyclohexane	5.568	56	10395	1.226	ug/l #	5
36) 1,1-Dichloropropene	5.562	75	37728	5.166	ug/l #	50
38) Carbon Tetrachloride	5.562	117	48531	6.285	ug/l #	17
49) 1,4-Dioxane	7.397	88	27	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	202428	35.782	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	202428	96.020	ug/l #	8

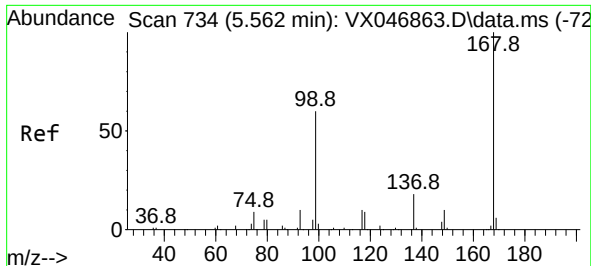
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
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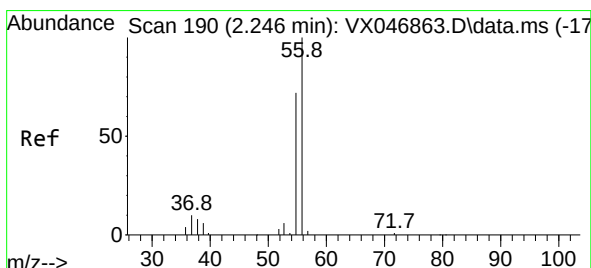
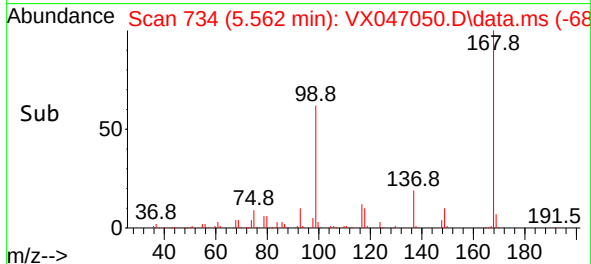
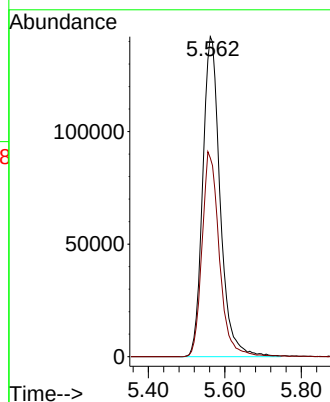
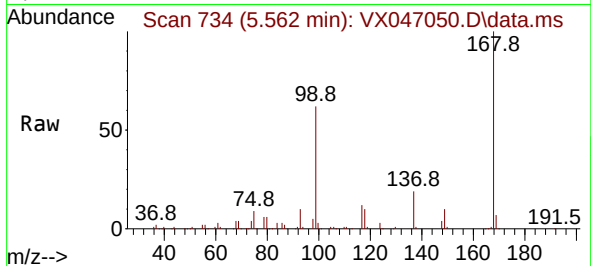




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

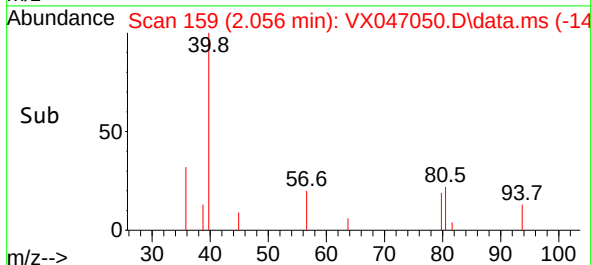
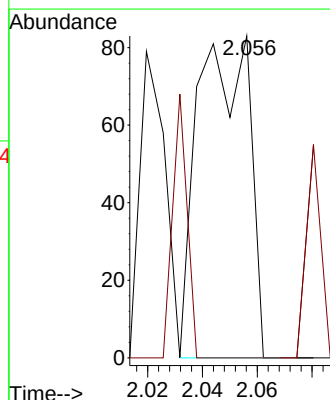
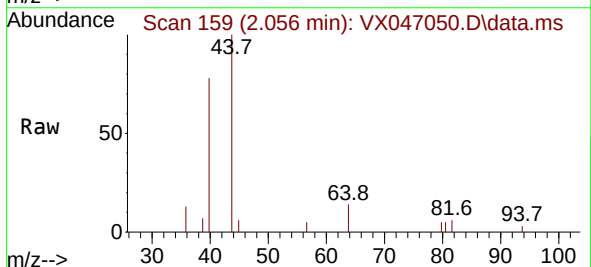
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

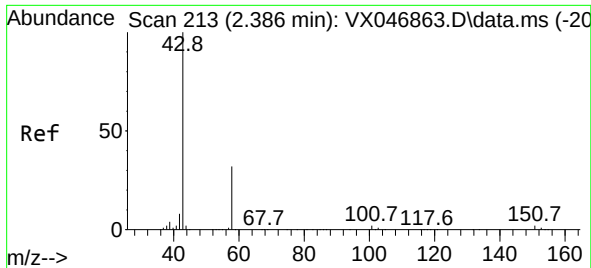
Tgt Ion:168 Resp: 449004
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#13
Acrolein
Concen: 3.083 ug/l
RT: 2.056 min Scan# 159
Delta R.T. -0.190 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

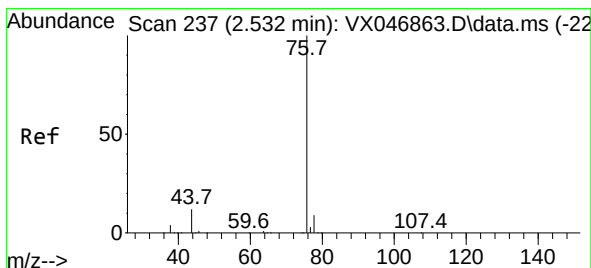
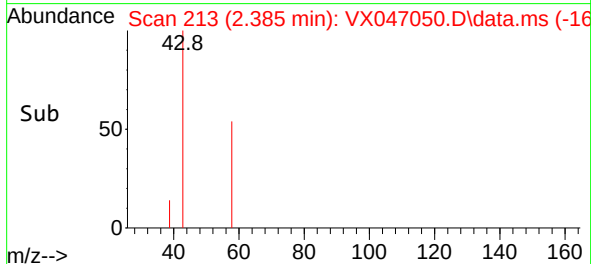
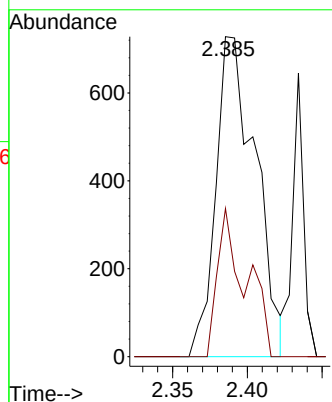
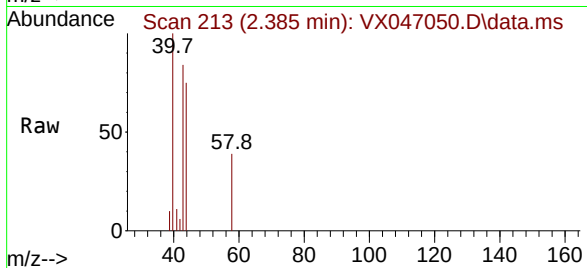




#16
Acetone
Concen: 0.729 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

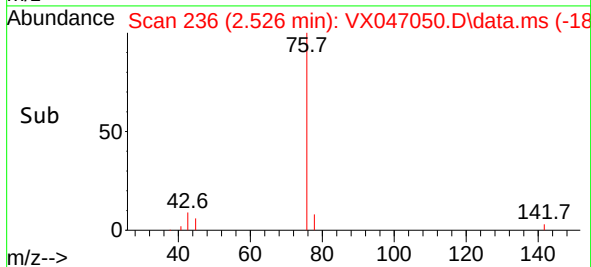
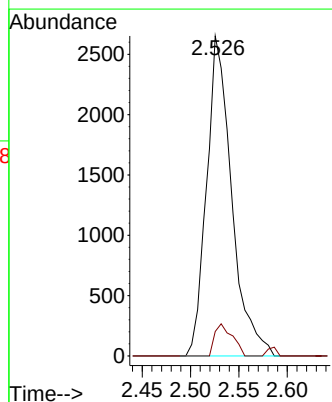
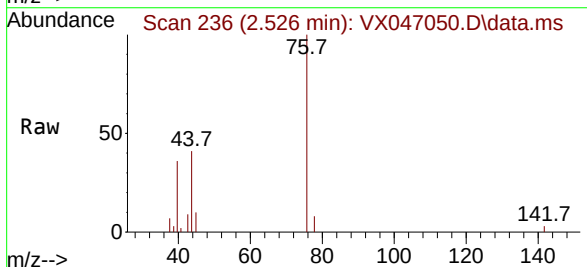
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

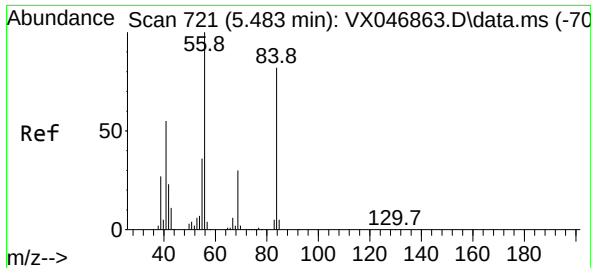
Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.375 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.007 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 76 Resp: 4787
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.2

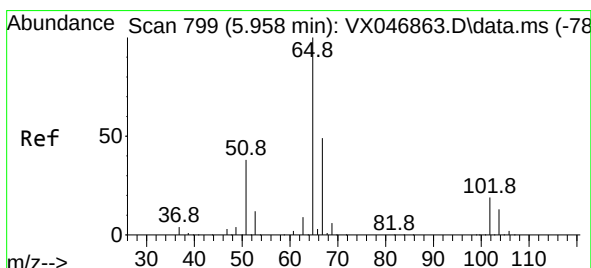
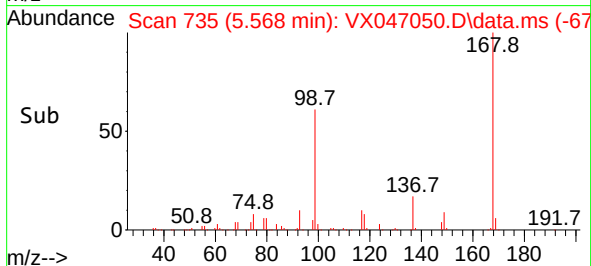
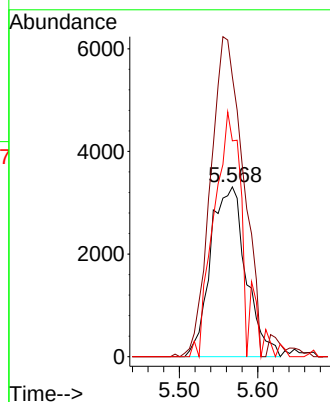
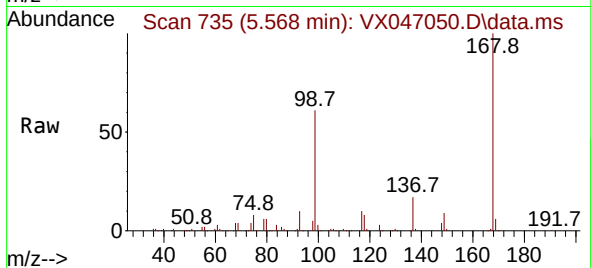




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

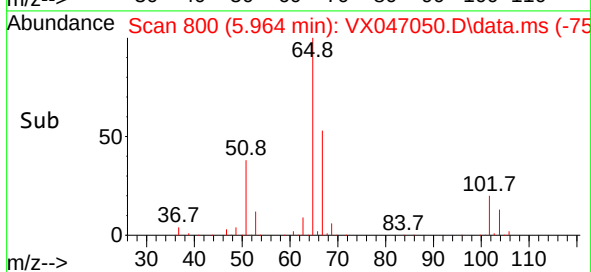
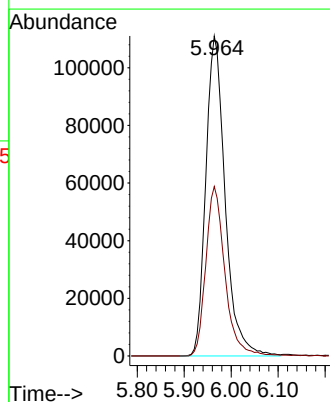
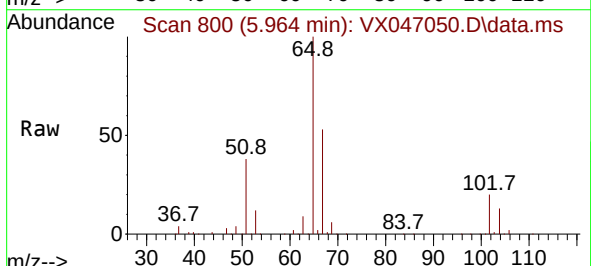
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

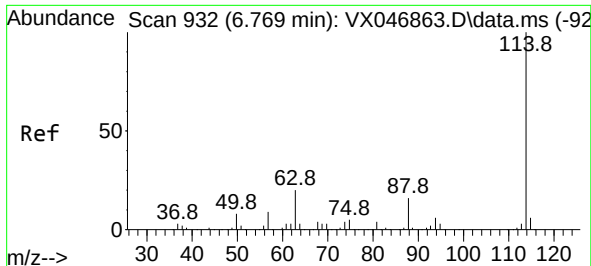
Tgt Ion: 56 Resp: 10395
Ion Ratio Lower Upper
56 100
69 158.4 24.0 36.0#
84 122.1 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 53.335 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 65 Resp: 316374
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

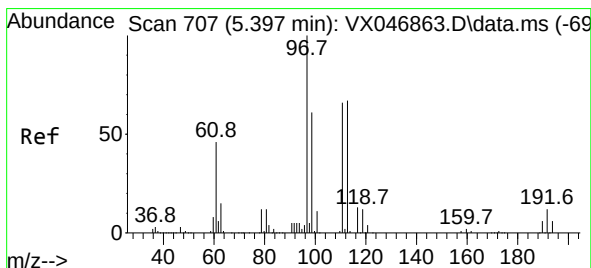
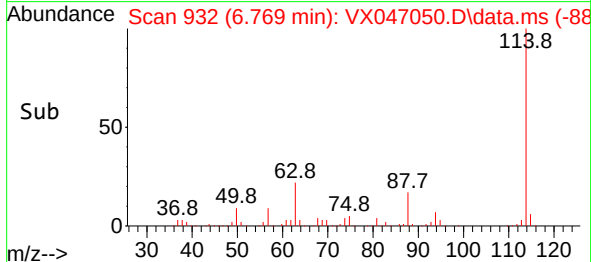
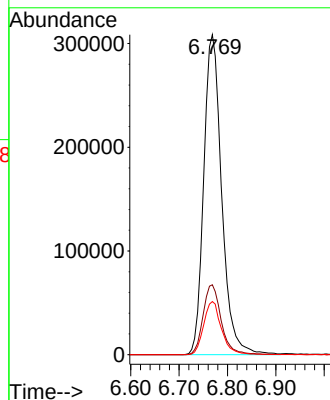
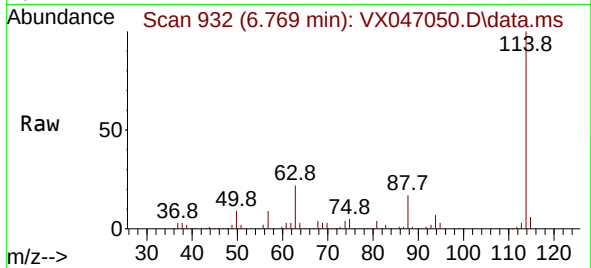




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

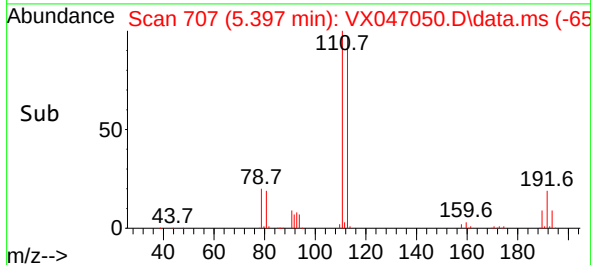
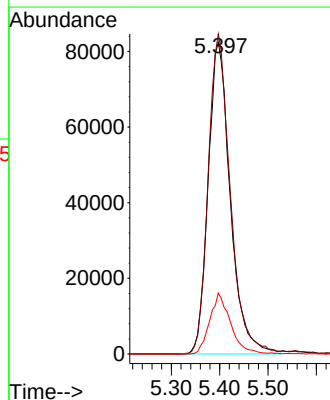
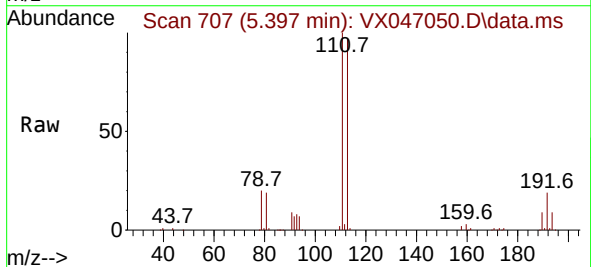
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

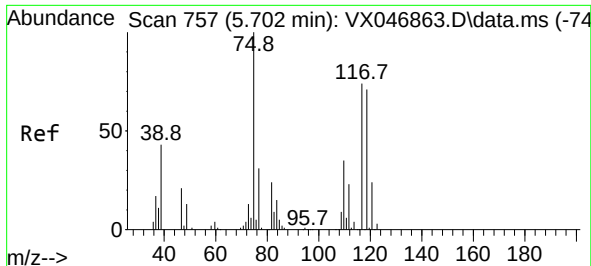
Tgt Ion:114 Resp: 797488
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.4
88 16.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion:113 Resp: 261781
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 18.4 15.3 22.9

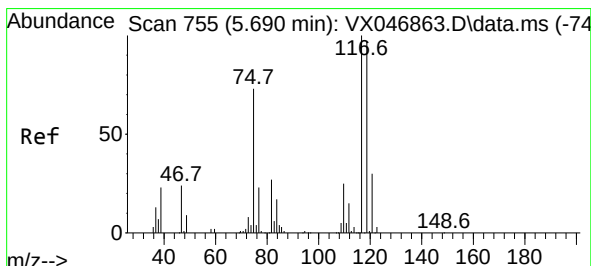
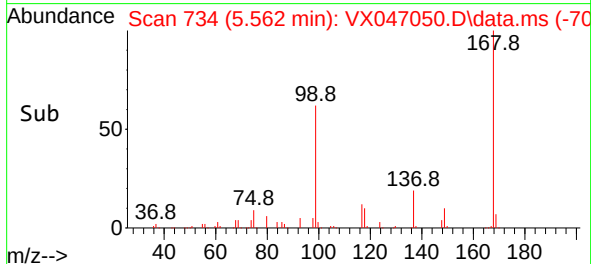
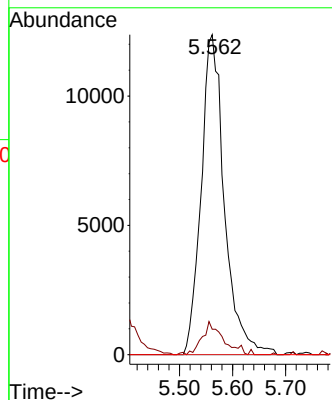
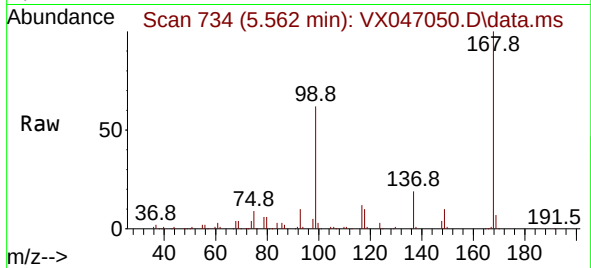




#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.141 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

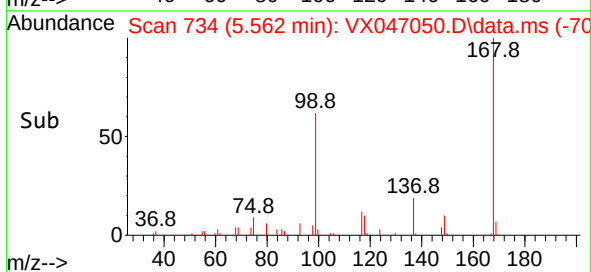
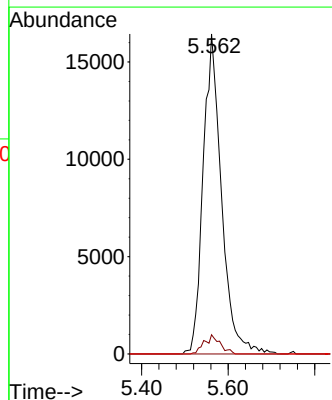
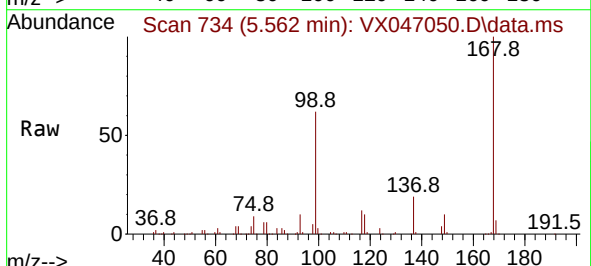
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

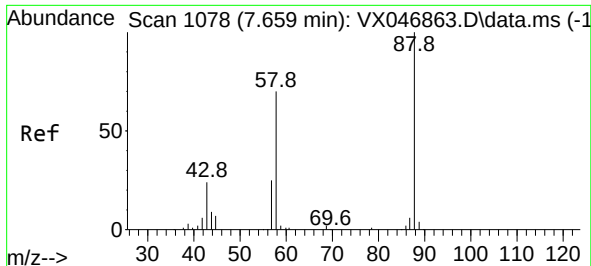
Tgt Ion: 75 Resp: 37728
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 117 Resp: 48531
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 24.1 36.1#





#49

1,4-Dioxane

Concen: 0.474 ug/l

RT: 7.397 min Scan# 11

Delta R.T. -0.263 min

Lab File: VX047050.D

Acq: 18 Jul 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

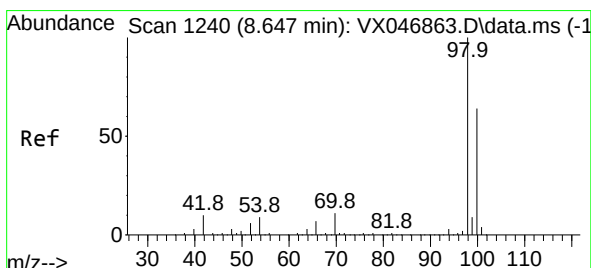
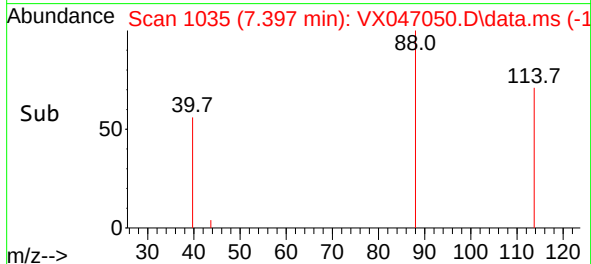
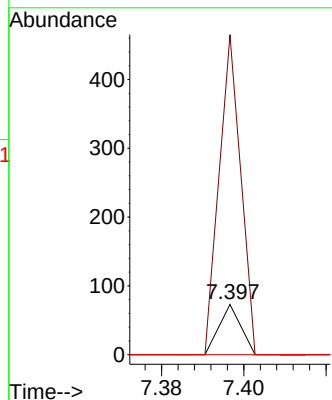
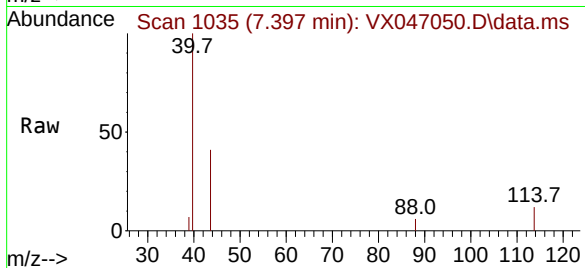
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 629.6 31.7 47.5#

58 0.0 57.5 86.3#



#50

Toluene-d8

Concen: 50.416 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX047050.D

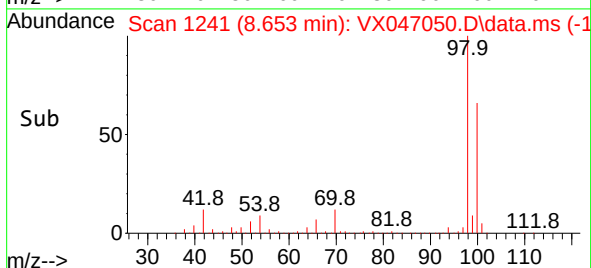
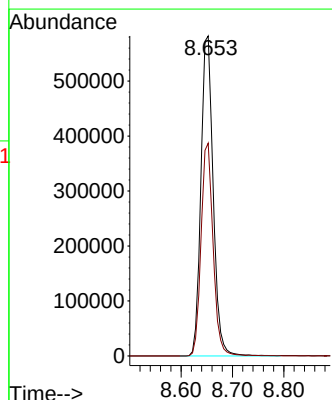
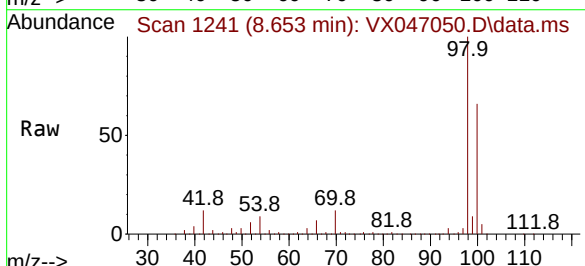
Acq: 18 Jul 2025 15:21

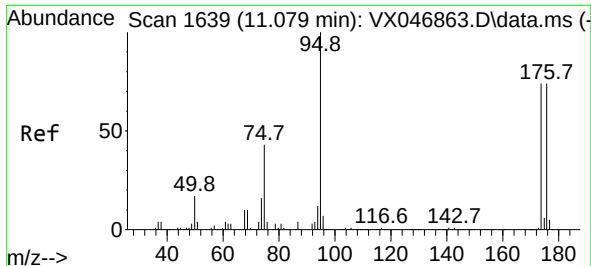
Tgt Ion: 98 Resp: 962920

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6

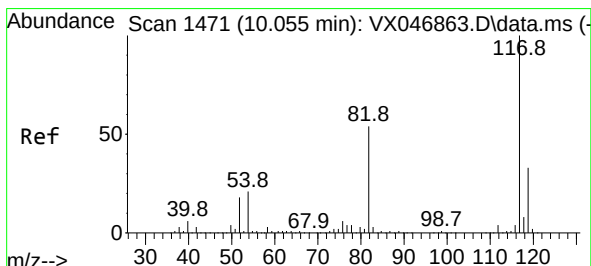
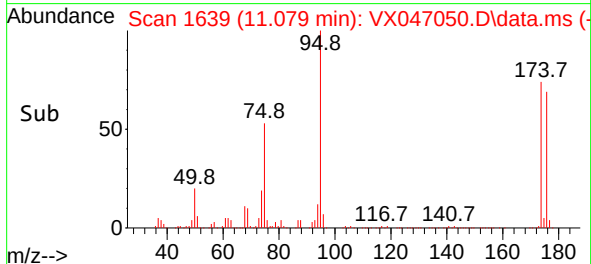
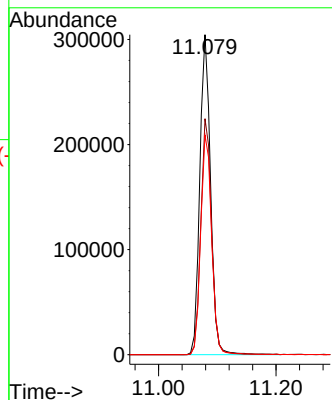
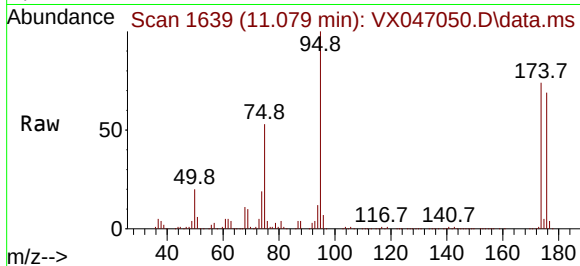




#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

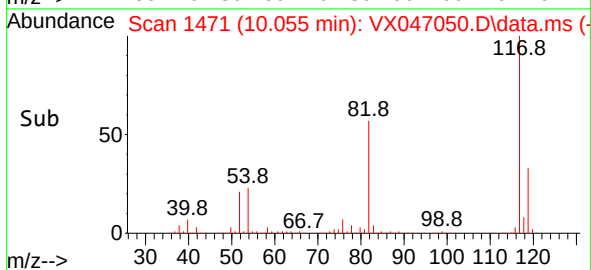
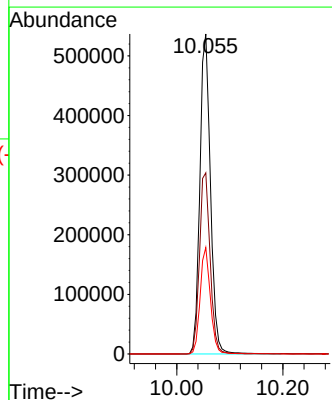
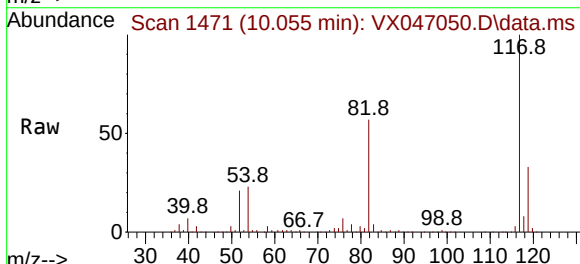
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

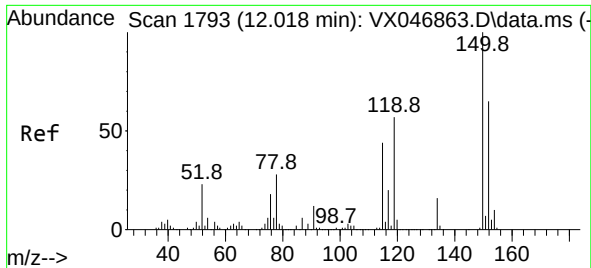
Tgt Ion: 95 Resp: 385387
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.0
176 70.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 117 Resp: 745002
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 33.3 26.4 39.6

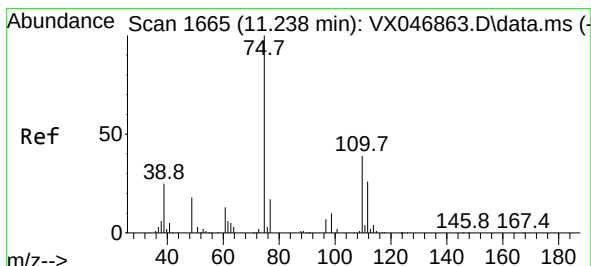
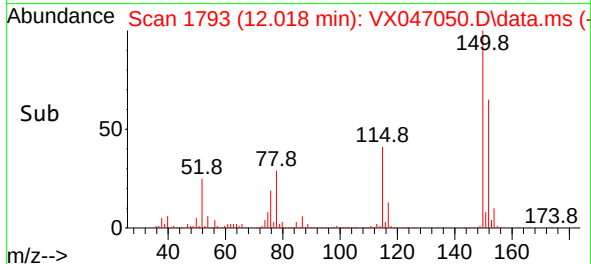
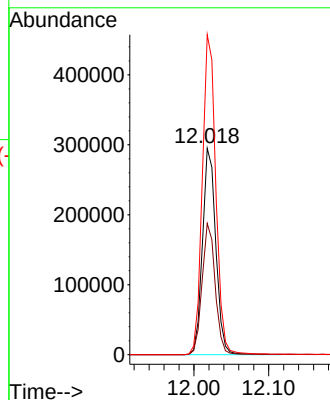
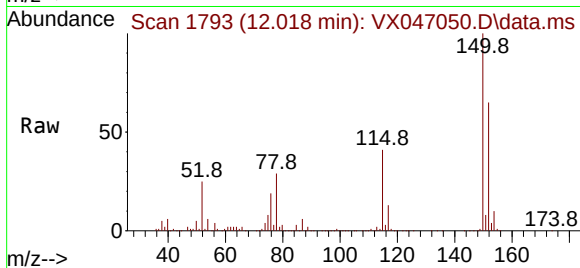




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

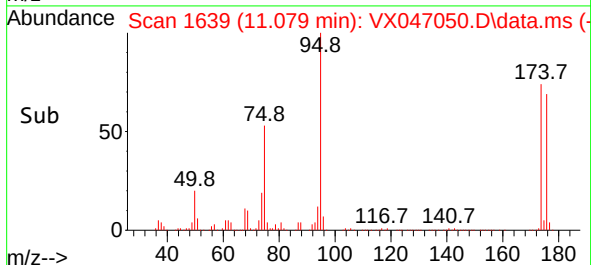
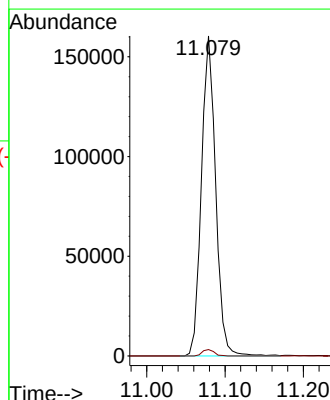
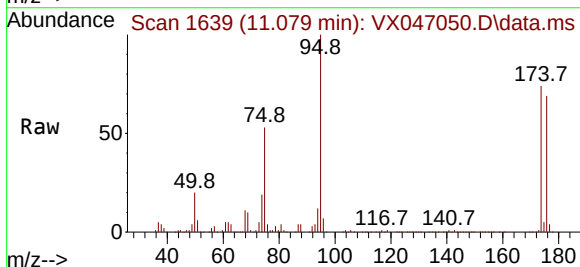
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

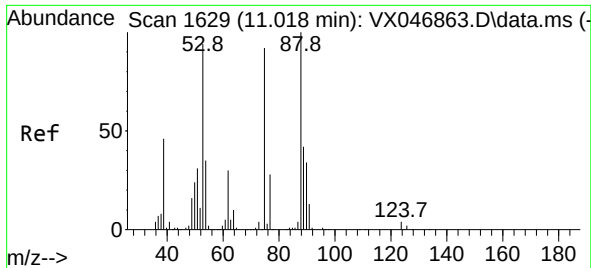
Tgt Ion:152 Resp: 366135
Ion Ratio Lower Upper
152 100
115 62.7 42.4 127.1
150 156.7 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 35.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

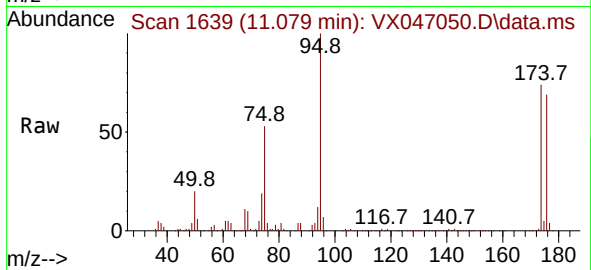
Tgt Ion: 75 Resp: 202428
Ion Ratio Lower Upper
75 100
77 1.7 20.6 61.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.020 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

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



Tgt Ion: 75 Resp: 202428
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#

