

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047918.D
 Acq On : 30 Sep 2025 17:45
 Operator : JC/MD
 Sample : Q3193-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20250923

Quant Time: Oct 01 01:15:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

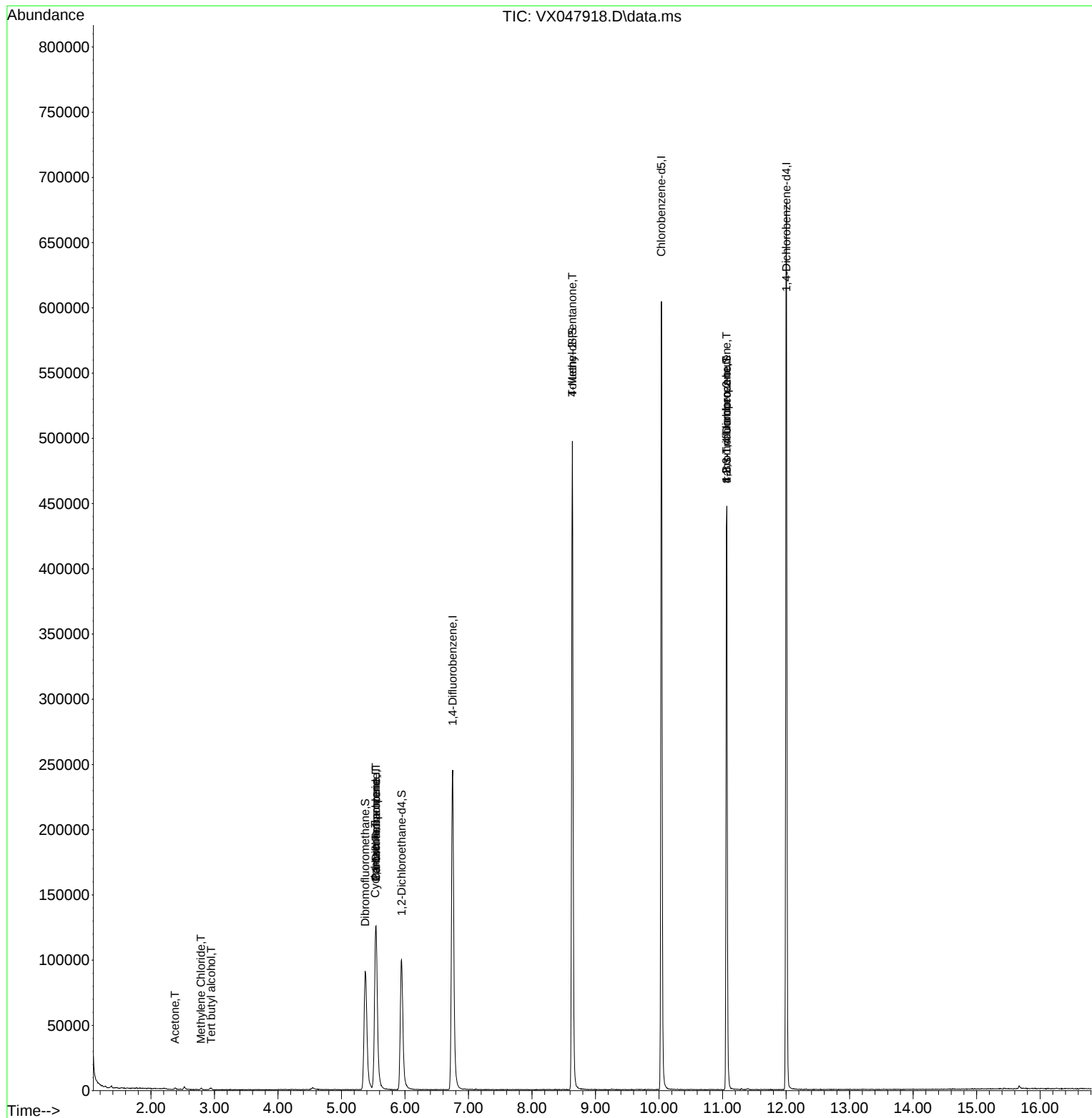
Internal Standards						
1) Pentafluorobenzene	5.544	168	129037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	266808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108453	52.802	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.600%		
35) Dibromofluoromethane	5.373	113	90475	50.563	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.120%		
50) Toluene-d8	8.635	98	303689	49.049	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.100%		
62) 4-Bromofluorobenzene	11.061	95	128248	54.578	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	394	1.722	ug/l #	72
16) Acetone	2.380	43	1445	1.618	ug/l #	83
20) Methylene Chloride	2.788	84	445	0.235	ug/l #	54
31) Cyclohexane	5.532	56	2905	1.070	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	11199	4.283	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14035	4.940	ug/l #	18
51) 4-Methyl-2-Pentanone	8.635	43	1448	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	68047	23.648	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	68047	60.307	ug/l #	8

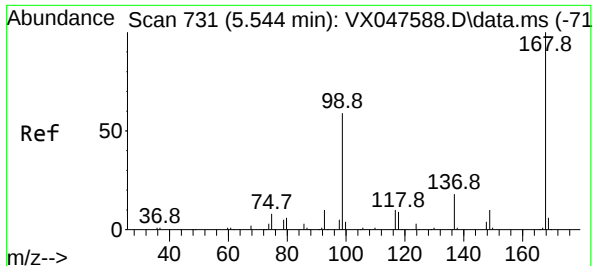
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 01 01:15:11 2025
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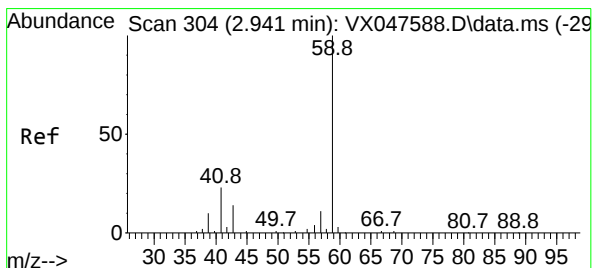
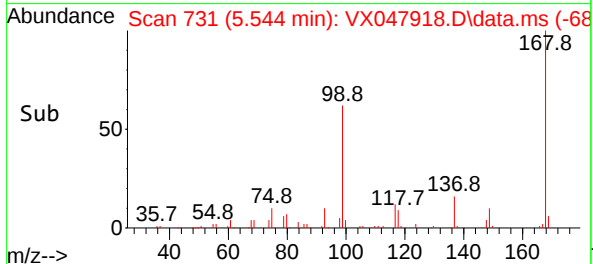
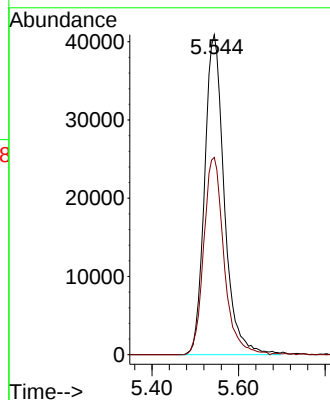
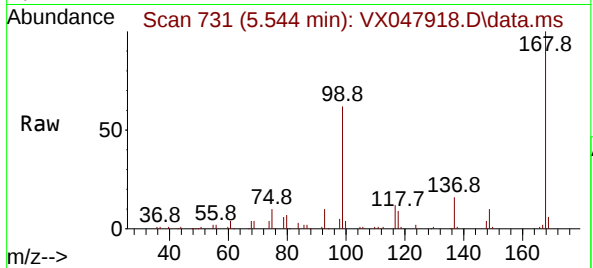




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

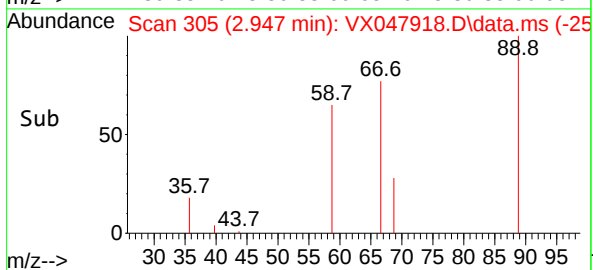
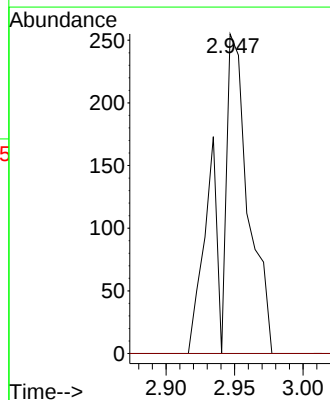
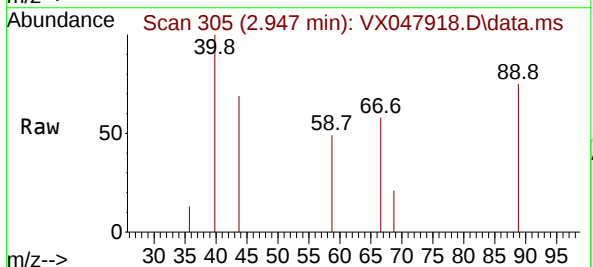
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250923

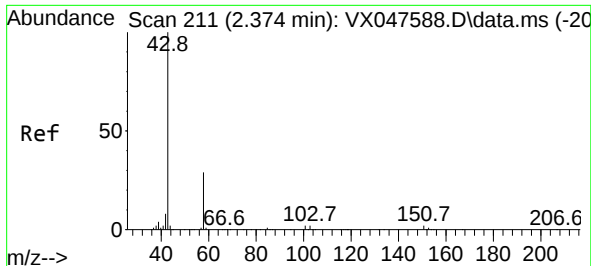
Tgt Ion:168 Resp: 129037
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.722 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

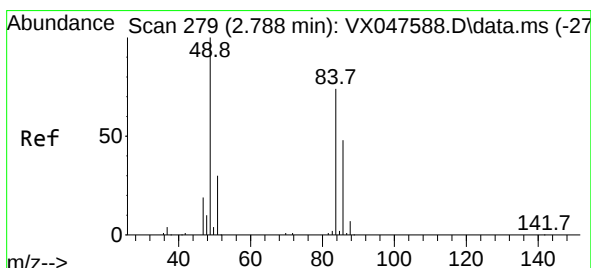
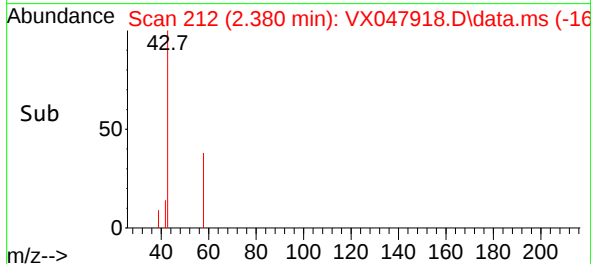
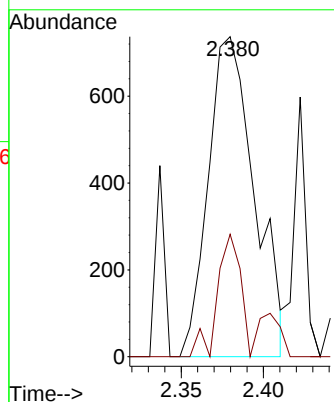
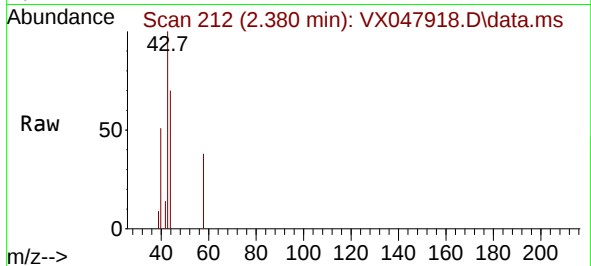




#16
Acetone
Concen: 1.618 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

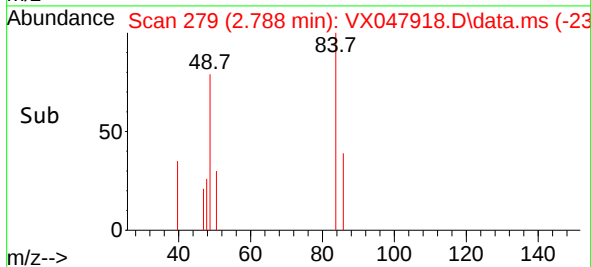
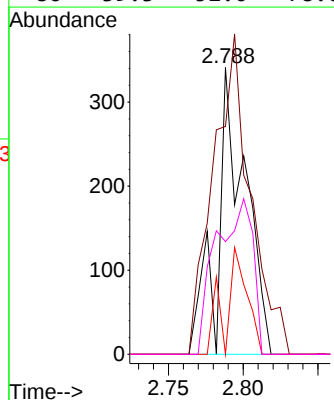
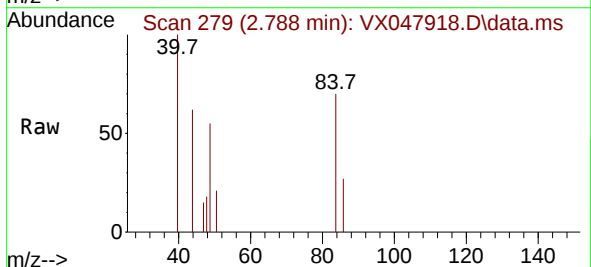
Instrument :
MSVOA_X
ClientSampleId :
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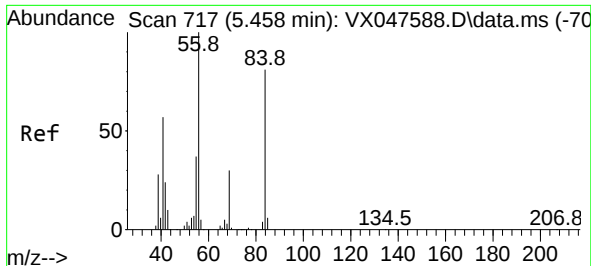
Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
58 38.3 23.4 35.0#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 84 Resp: 445
Ion Ratio Lower Upper
84 100
49 79.5 108.6 162.8#
51 0.0 32.6 48.8#
86 39.3 52.0 78.0#

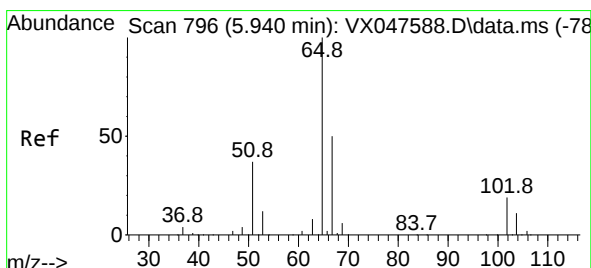
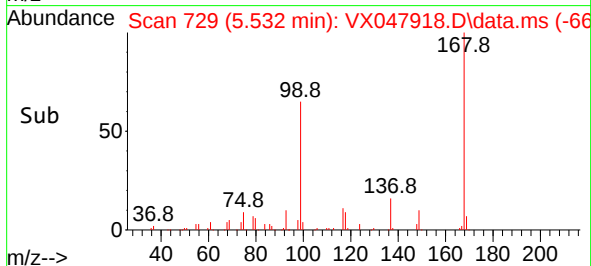
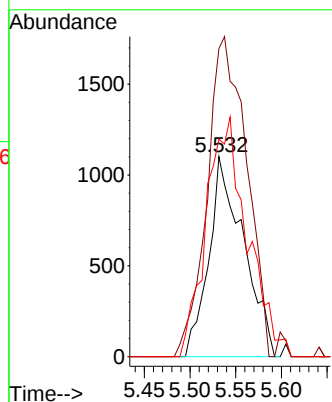
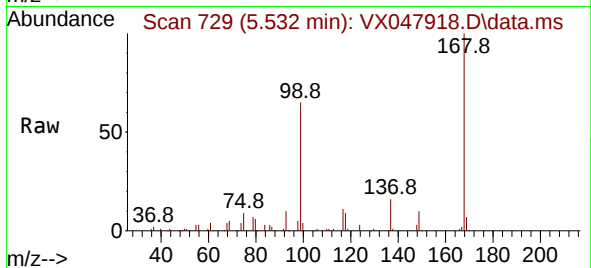




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.532 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

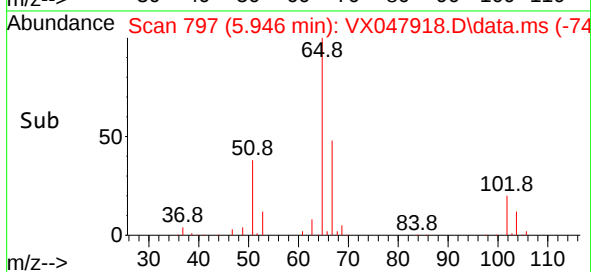
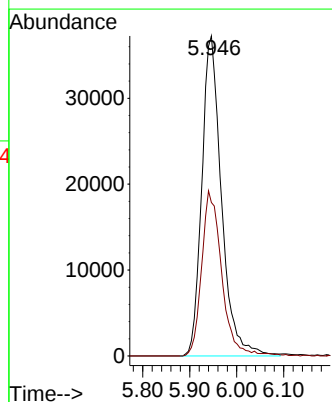
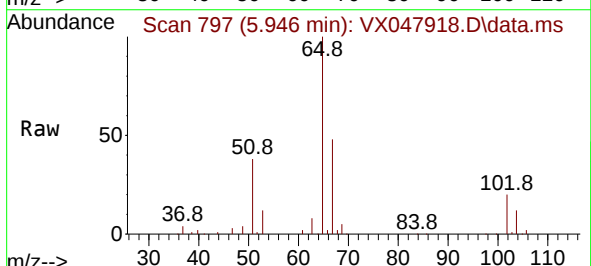
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250923

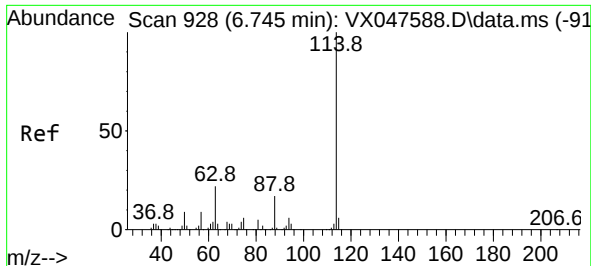
Tgt Ion: 56 Resp: 2905
Ion Ratio Lower Upper
56 100
69 148.0 23.8 35.8#
84 108.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 52.802 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 65 Resp: 108453
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

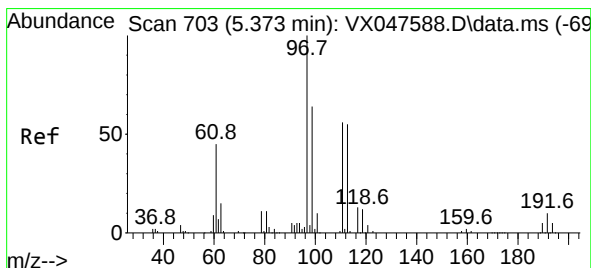
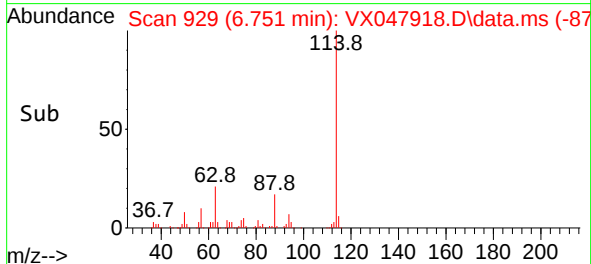
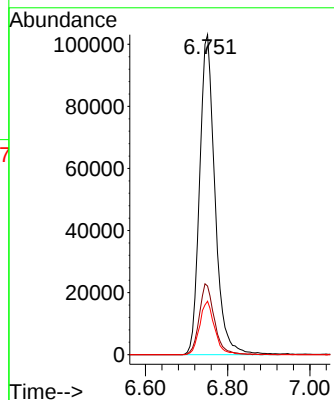
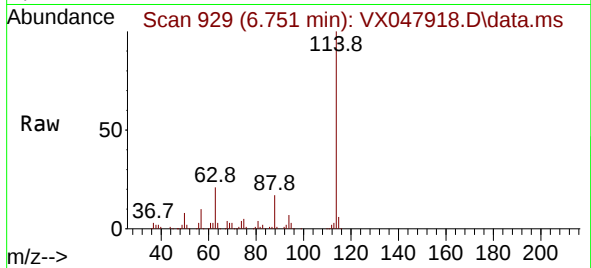




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

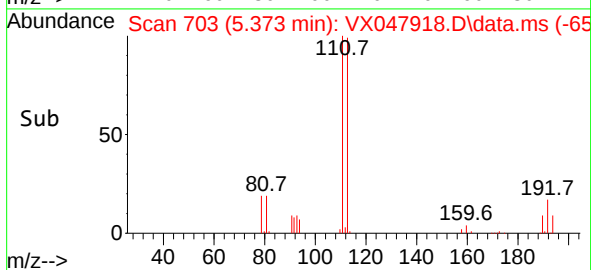
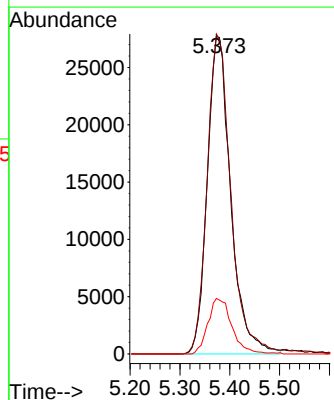
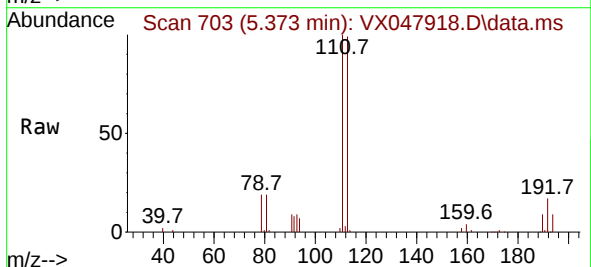
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250923

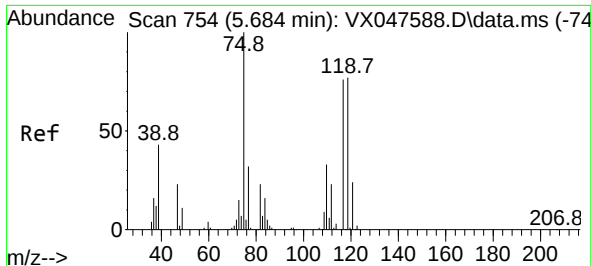
Tgt Ion:114 Resp: 266808
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.563 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion:113 Resp: 90475
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.283 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX047918.D

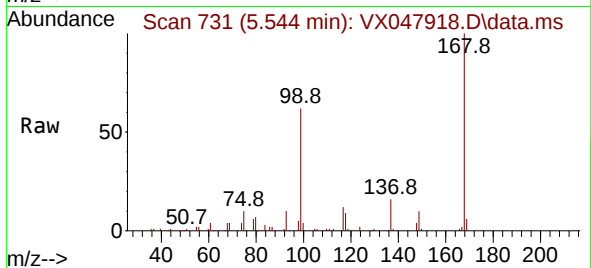
Acq: 30 Sep 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20250923



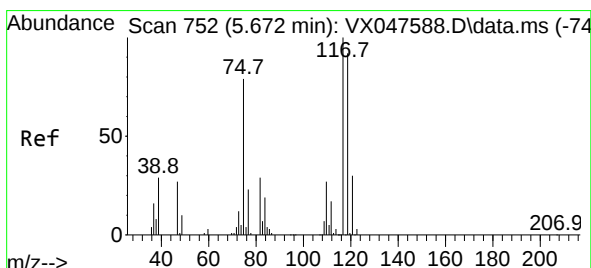
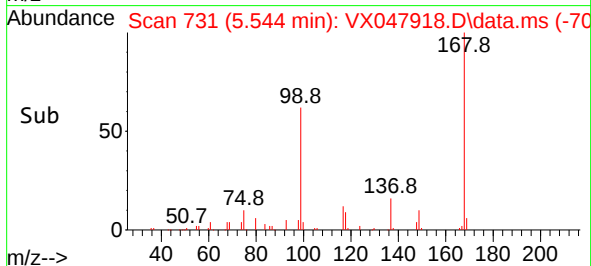
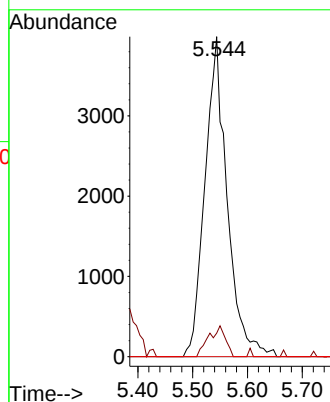
Tgt Ion: 75 Resp: 11199

Ion Ratio Lower Upper

75 100

110 7.3 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.940 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX047918.D

Acq: 30 Sep 2025 17:45

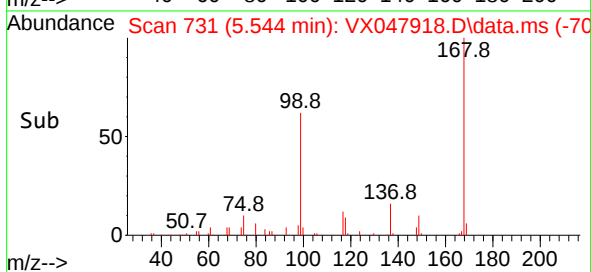
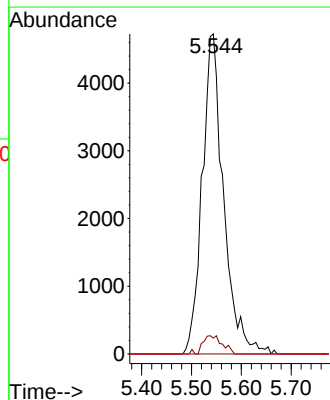
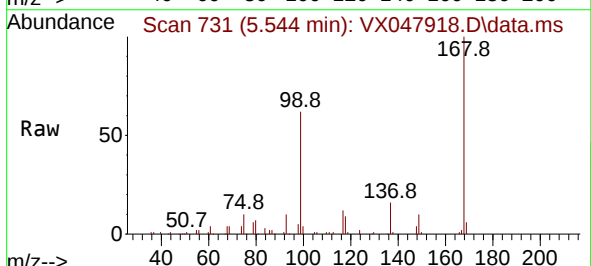
Tgt Ion: 117 Resp: 14035

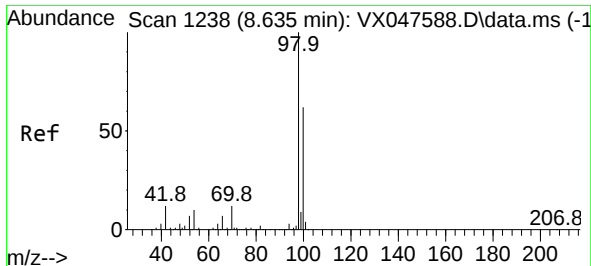
Ion Ratio Lower Upper

117 100

119 5.0 73.4 110.2#

121 0.0 23.8 35.6#

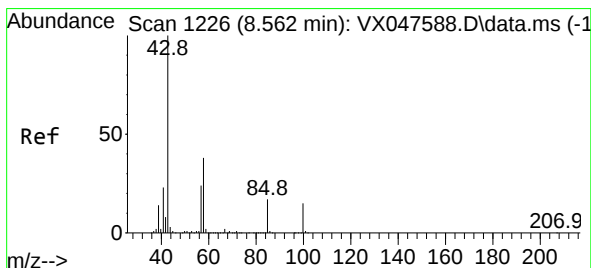
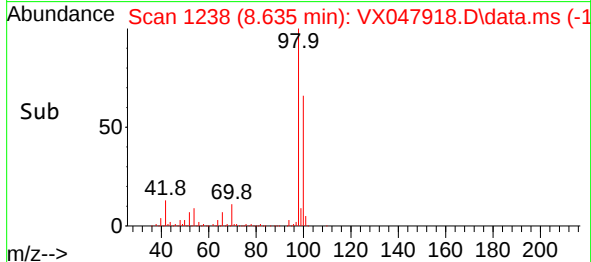
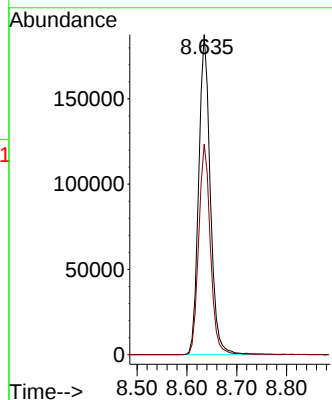
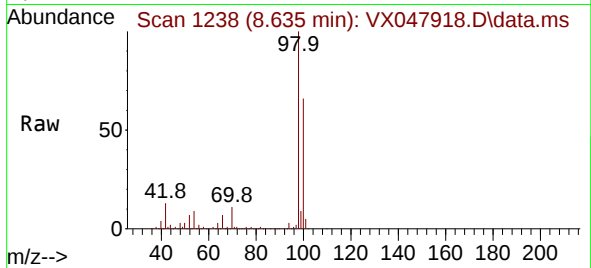




#50
Toluene-d8
Concen: 49.049 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

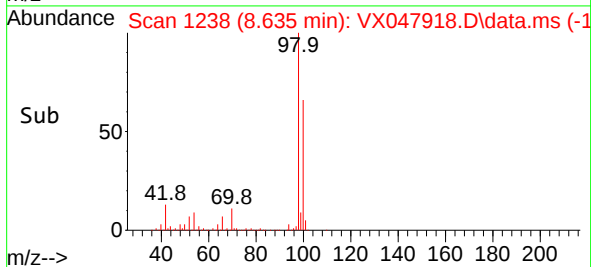
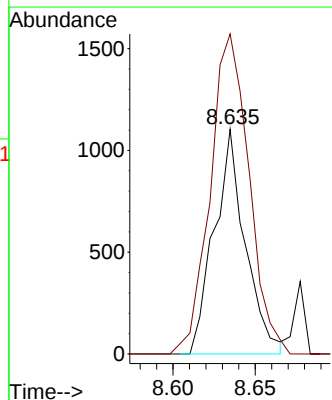
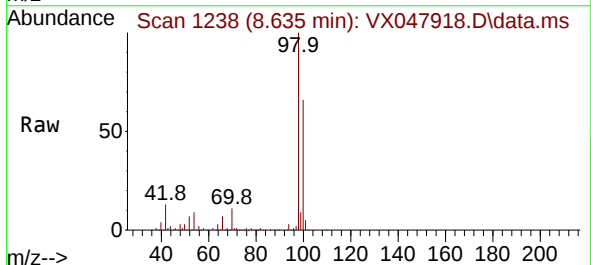
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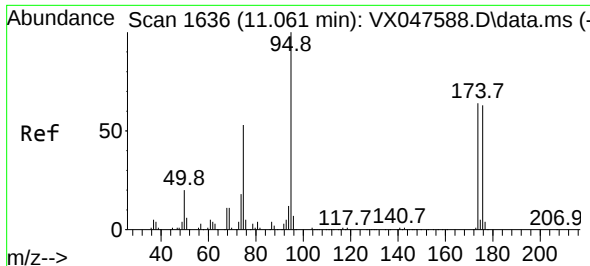
Tgt Ion: 98 Resp: 303689
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 177.8 30.3 45.5#

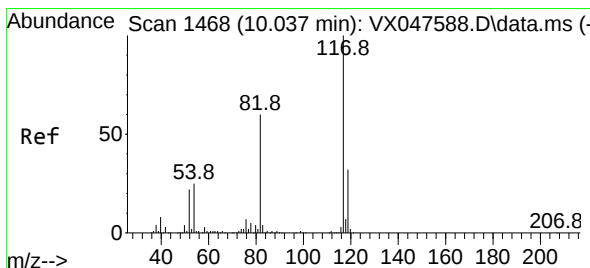
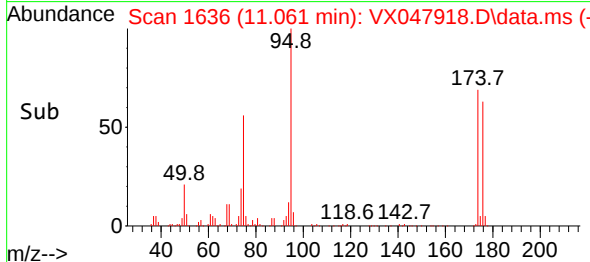
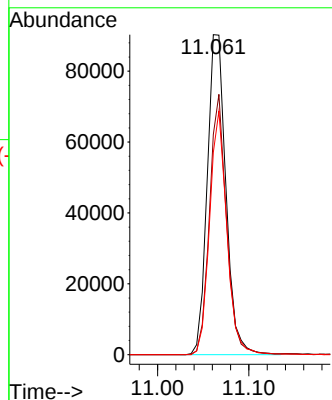
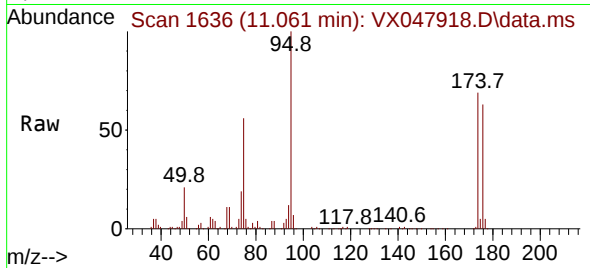




#62
4-Bromofluorobenzene
Concen: 54.578 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

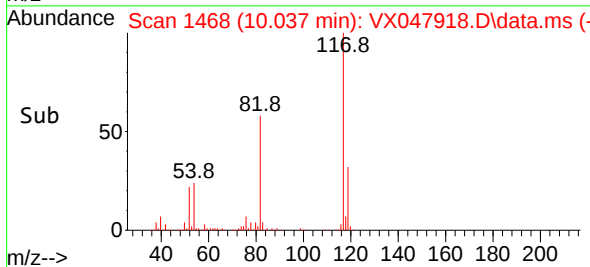
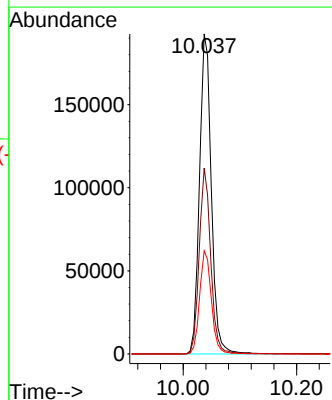
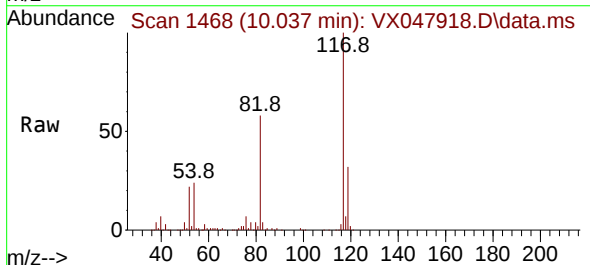
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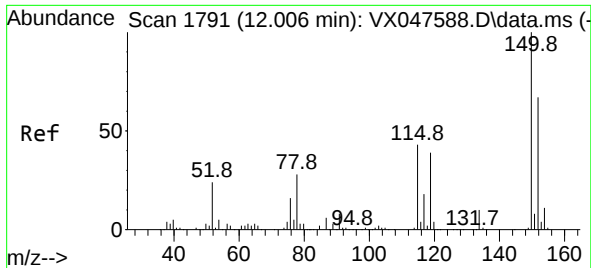
Tgt Ion: 95 Resp: 128248
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 70.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 117 Resp: 278211
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 32.3 25.2 37.8

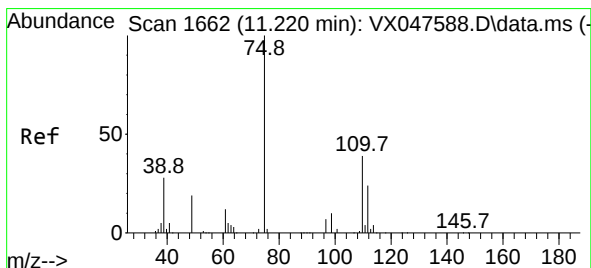
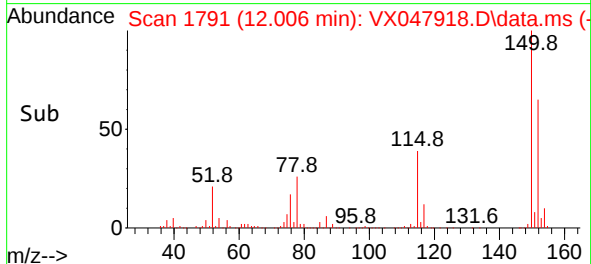
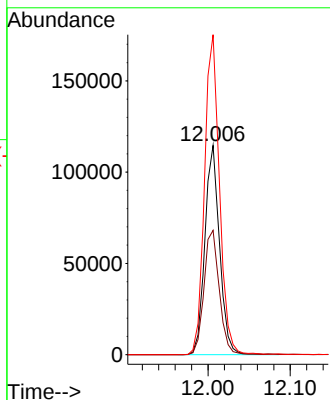
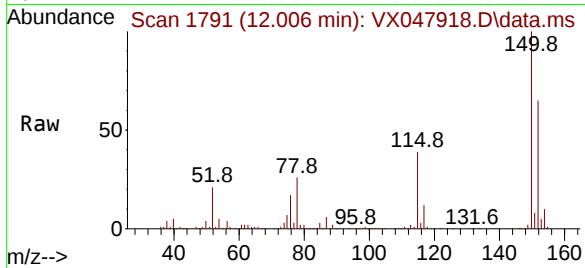




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

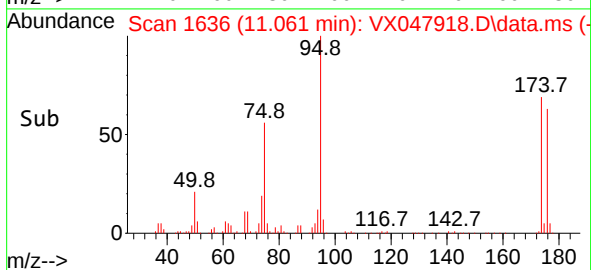
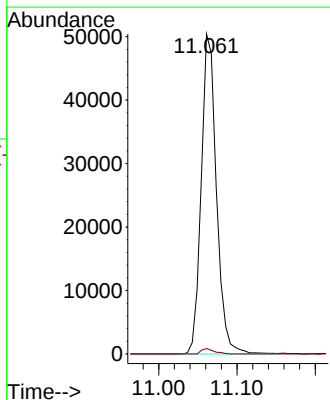
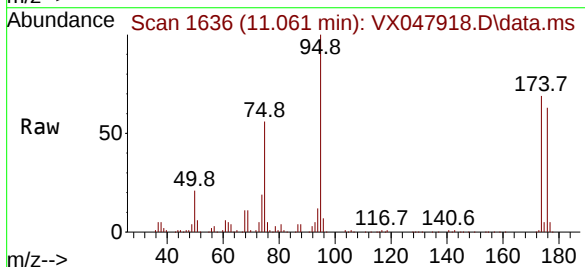
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250923

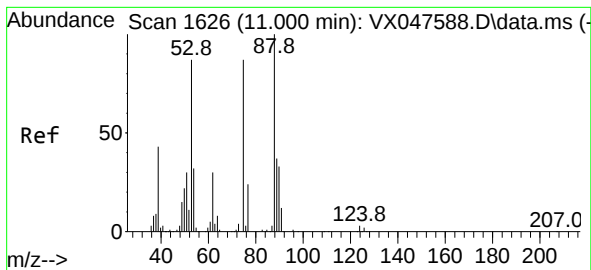
Tgt Ion:152 Resp: 142118
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 155.7 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.648 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

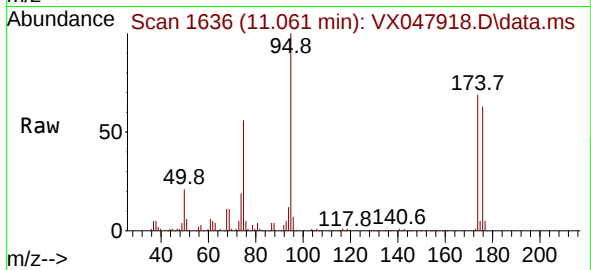
Tgt Ion: 75 Resp: 68047
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.307 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047918.D
 Acq: 30 Sep 2025 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20250923



Tgt Ion: 75 Resp: 68047
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

