

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047657.D
 Acq On : 18 Sep 2025 20:55
 Operator : JC/MD
 Sample : Q3095-32
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250911

Quant Time: Sep 22 03:45:40 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)

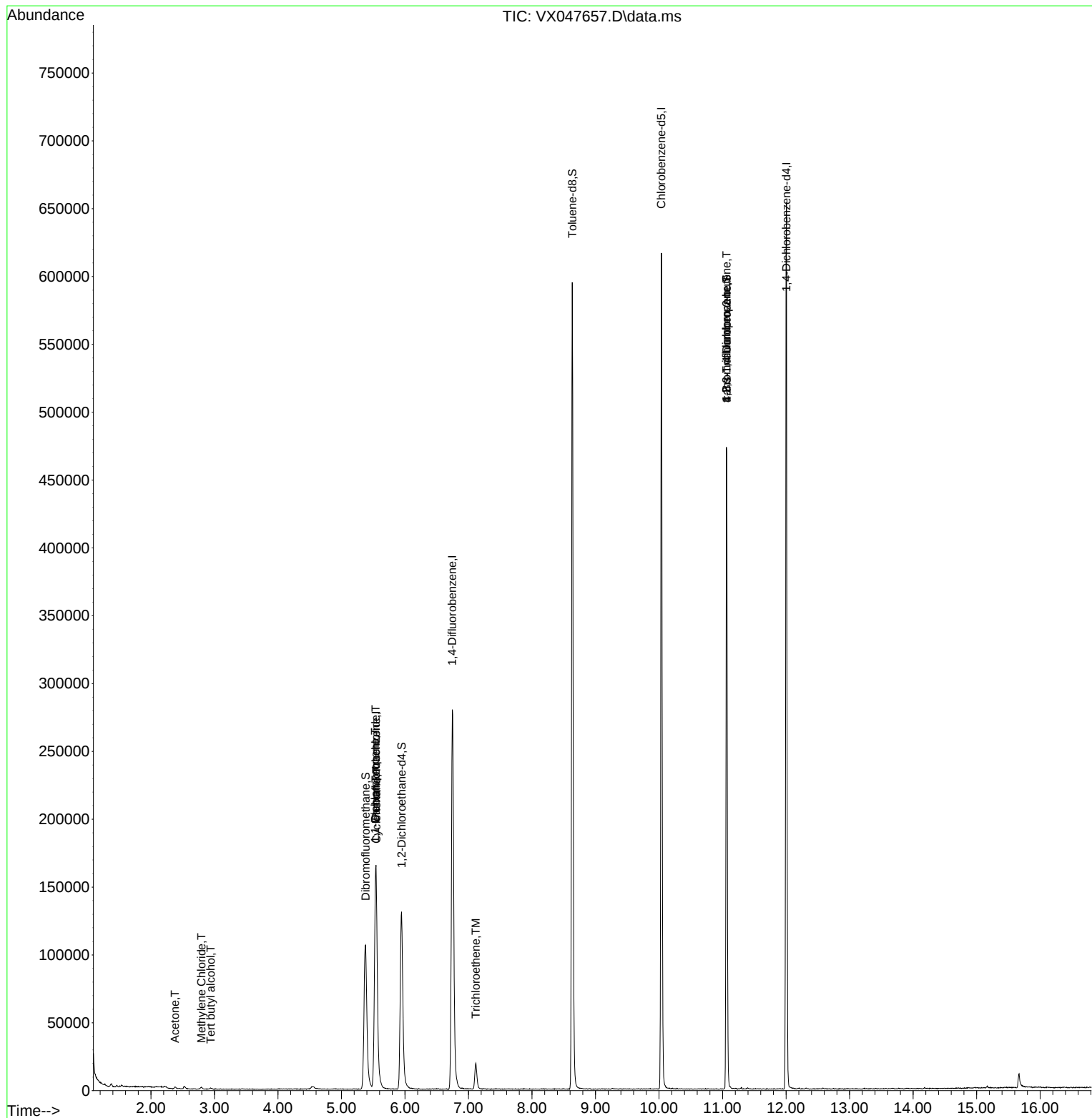
Internal Standards							
1) Pentafluorobenzene		5.544	168	166478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.745	114	307321	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.037	117	278614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.006	152	134590	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.946	65	142746	53.868	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.740%	
35) Dibromofluoromethane		5.379	113	105031	50.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%	
50) Toluene-d8		8.635	98	368111	51.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.240%	
62) 4-Bromofluorobenzene		11.061	95	141338	52.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%	
Target Compounds							
						Qvalue	
11) Tert butyl alcohol		2.940	59	113	0.383	ug/l #	72
16) Acetone		2.380	43	1950	1.692	ug/l	97
20) Methylene Chloride		2.794	84	595	0.244	ug/l	95
31) Cyclohexane		5.550	56	3912	1.117	ug/l #	15
36) 1,1-Dichloropropene		5.531	75	14380	4.775	ug/l #	50
38) Carbon Tetrachloride		5.538	117	18306	5.594	ug/l #	17
44) Trichloroethene		7.117	130	8121	3.672	ug/l	93
76) 1,2,3-Trichloropropane		11.061	75	72095	26.457	ug/l #	40
81) trans-1,4-Dichloro-2-b...		11.061	75	72095	67.468	ug/l #	8

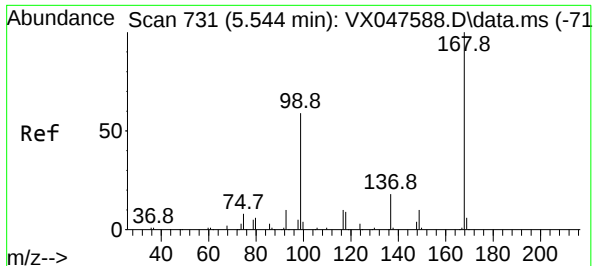
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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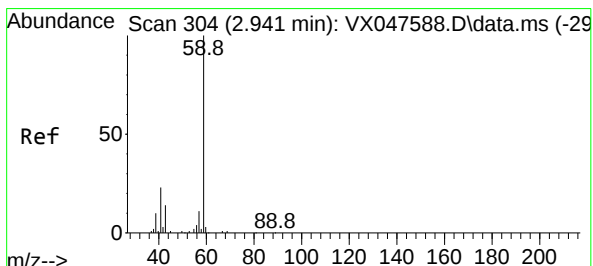
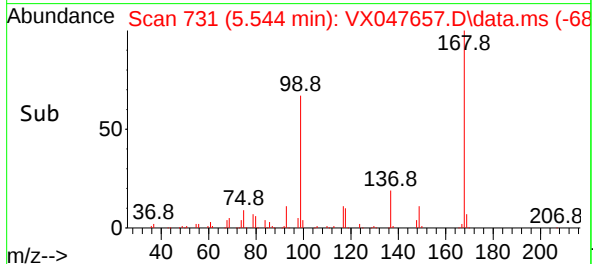
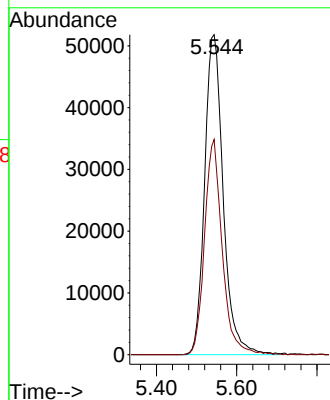
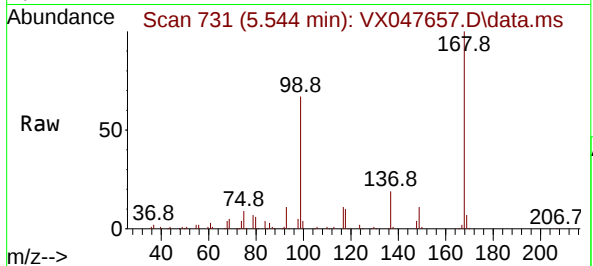




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

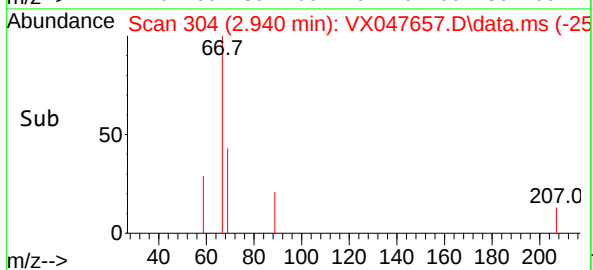
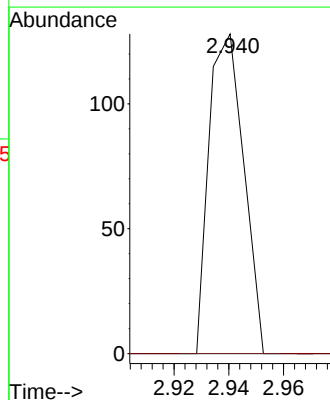
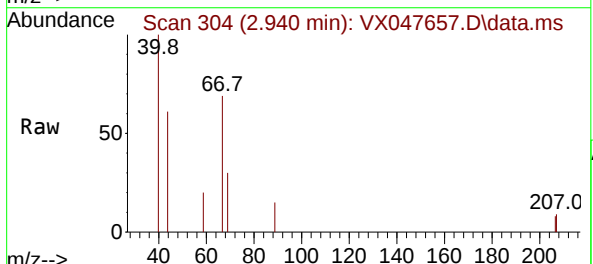
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

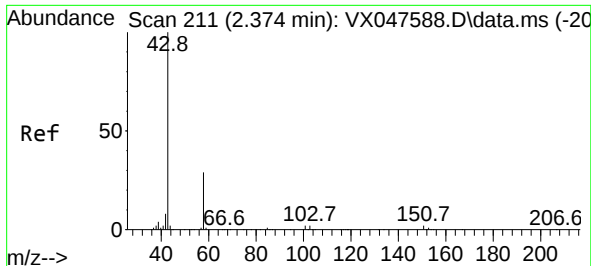
Tgt Ion:168 Resp: 166478
Ion Ratio Lower Upper
168 100
99 67.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.383 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

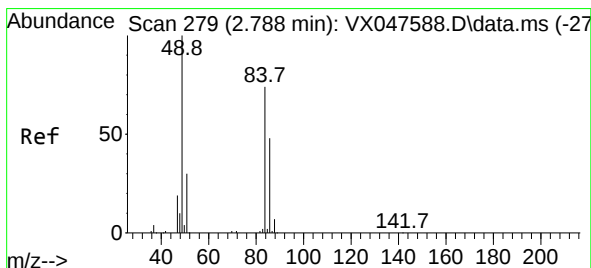
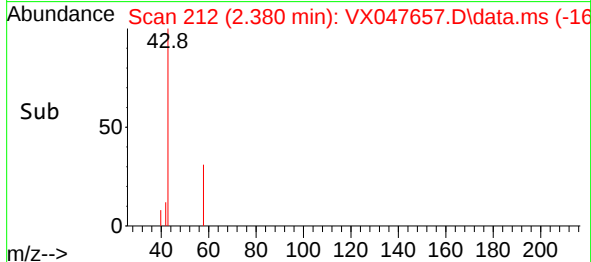
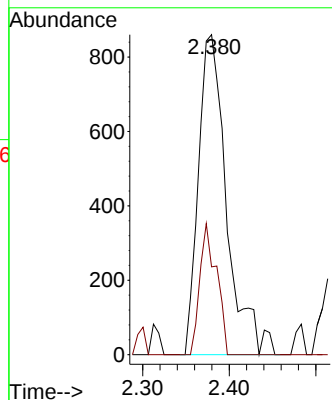
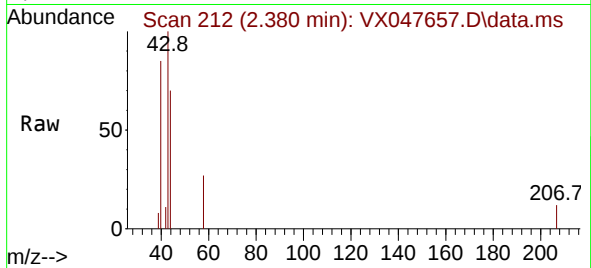




#16
Acetone
Concen: 1.692 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

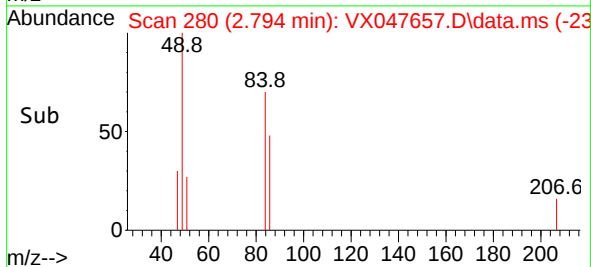
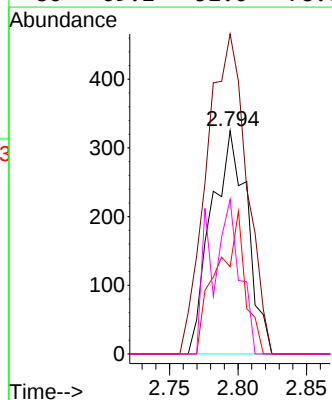
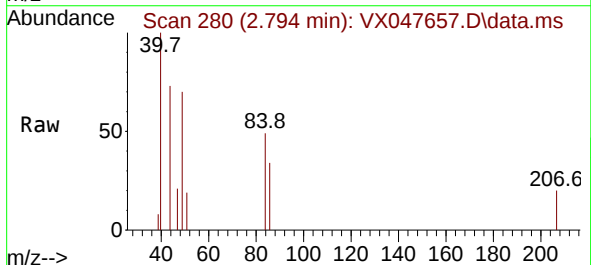
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

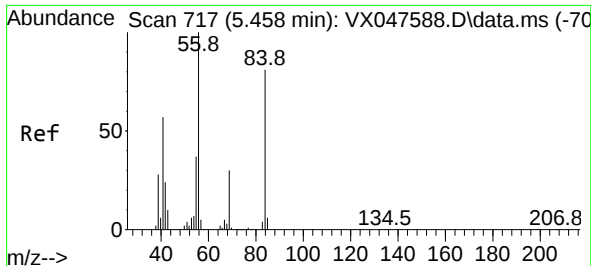
Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
58 27.4 23.4 35.0



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 143.4 108.6 162.8
51 39.1 32.6 48.8
86 69.2 52.0 78.0

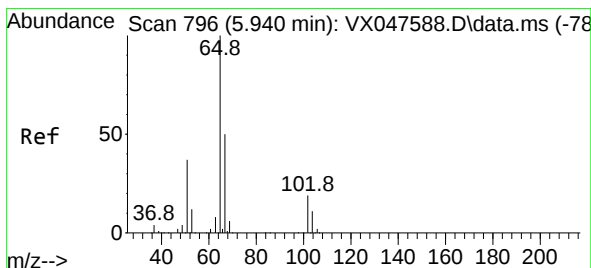
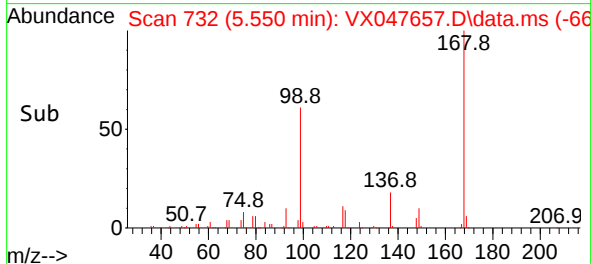
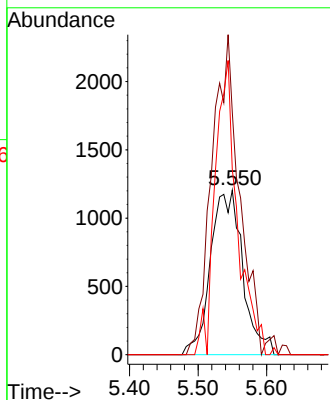
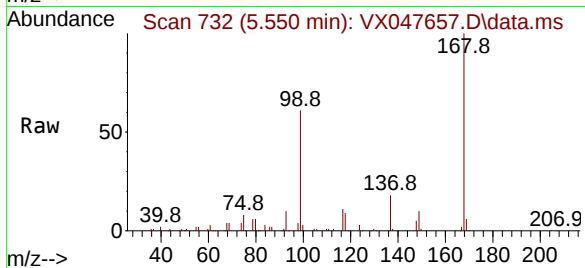




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

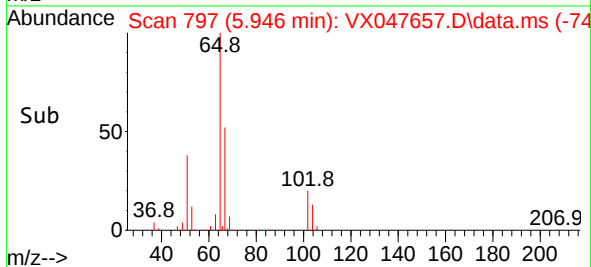
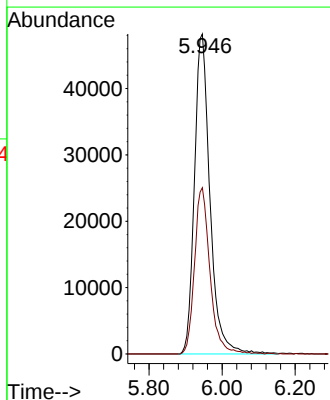
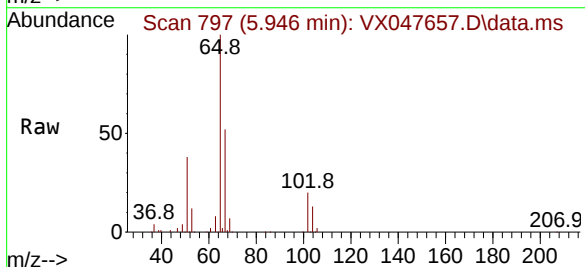
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

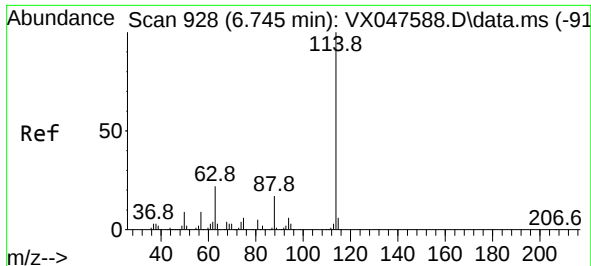
Tgt Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
69 147.5 23.8 35.8#
84 112.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.868 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 65 Resp: 142746
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

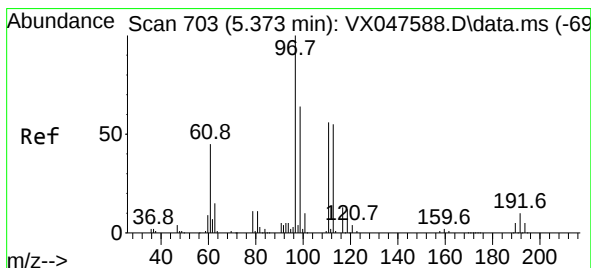
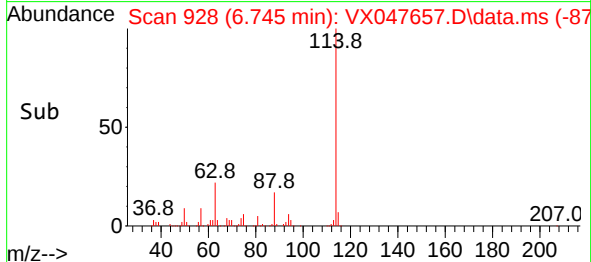
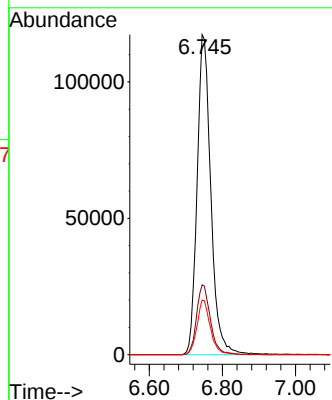
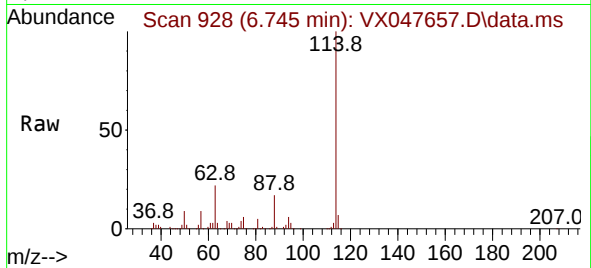




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

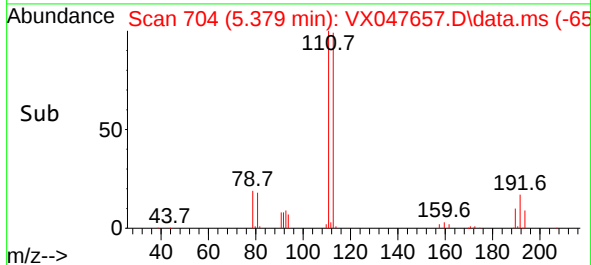
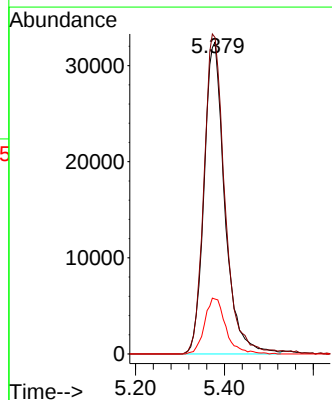
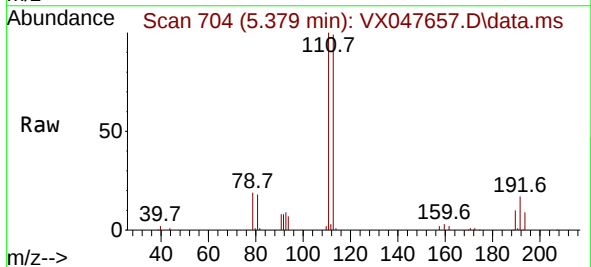
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

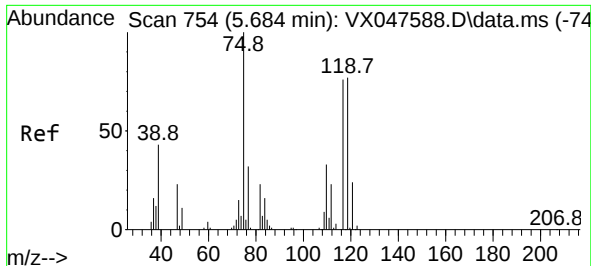
Tgt Ion:114 Resp: 307321
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion:113 Resp: 105031
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.3 14.2 21.4

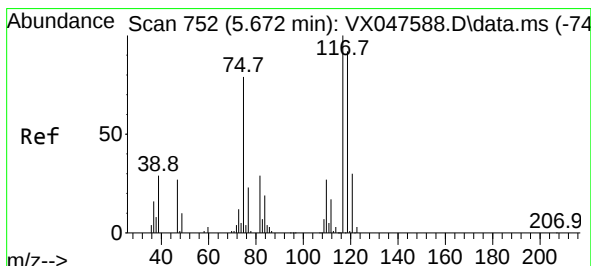
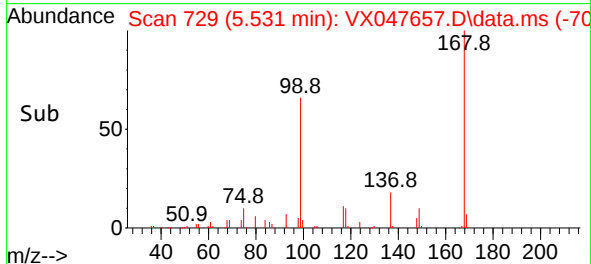
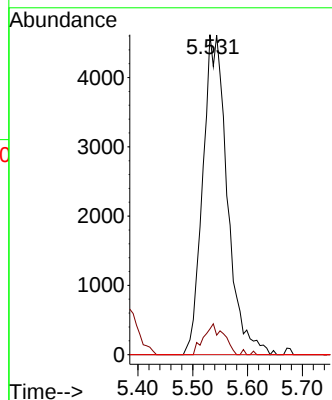
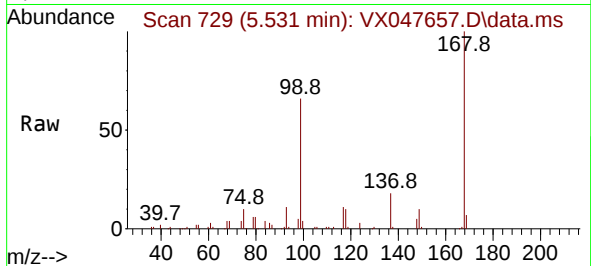




#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

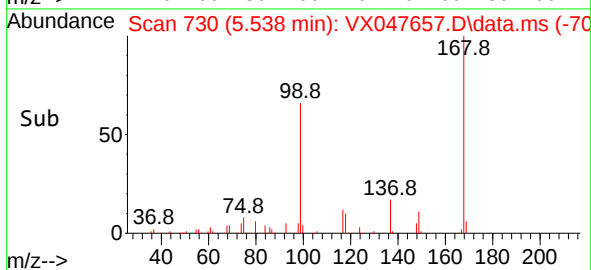
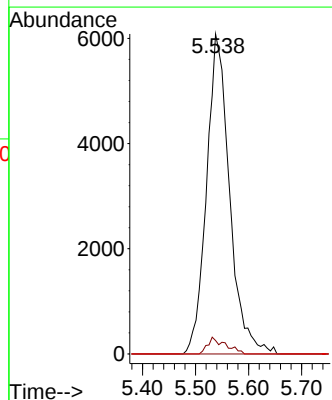
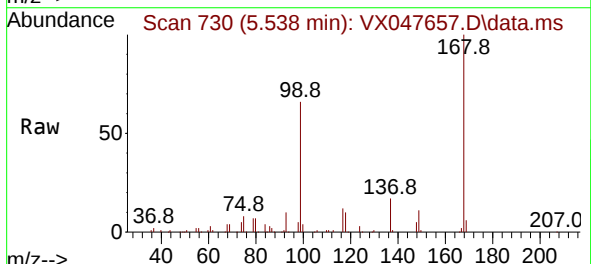
Instrument :
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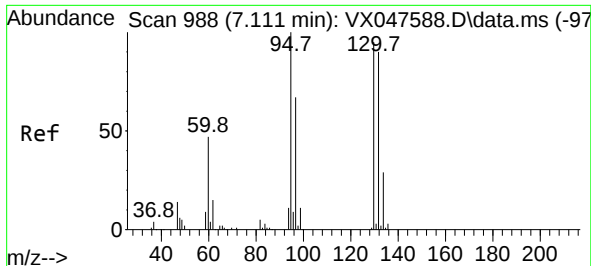
Tgt Ion: 75 Resp: 14380
Ion Ratio Lower Upper
75 100
110 7.8 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 117 Resp: 18306
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 23.8 35.6#

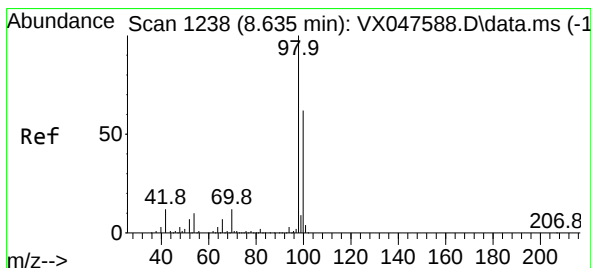
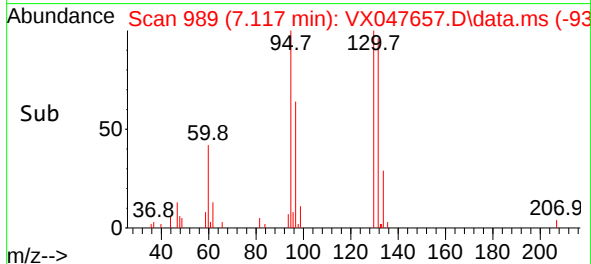
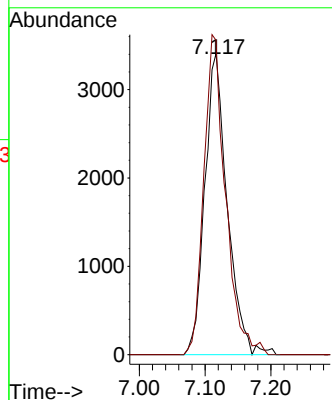
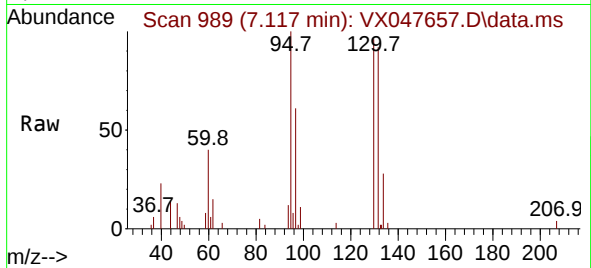




#44
Trichloroethene
Concen: 3.672 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

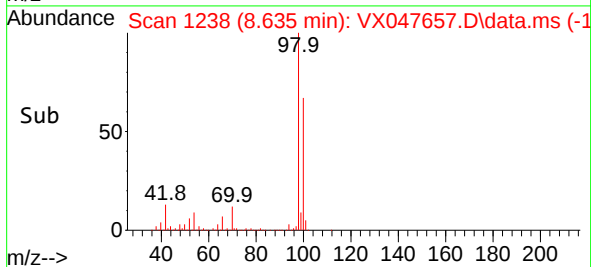
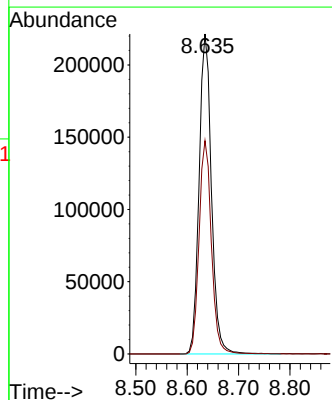
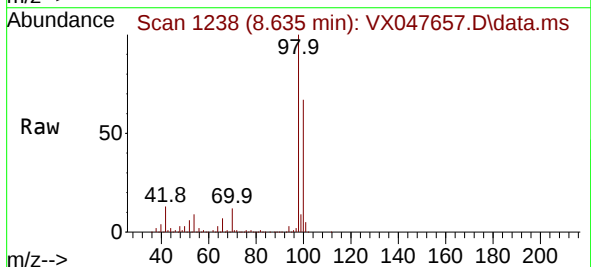
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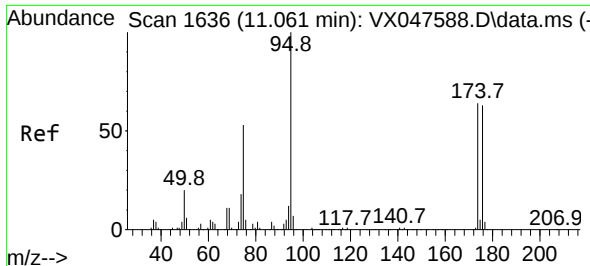
Tgt Ion:130 Resp: 8121
Ion Ratio Lower Upper
130 100
95 112.8 0.0 210.8



#50
Toluene-d8
Concen: 51.616 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 98 Resp: 368111
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

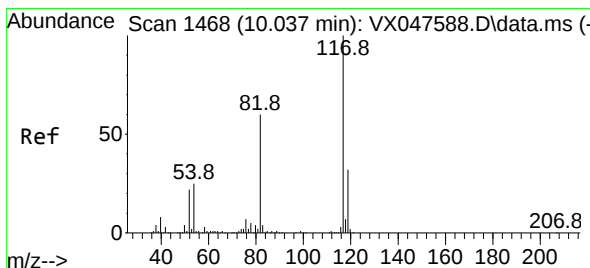
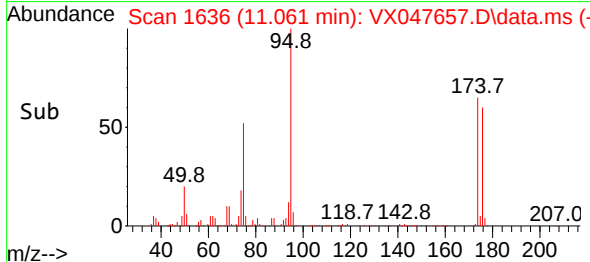
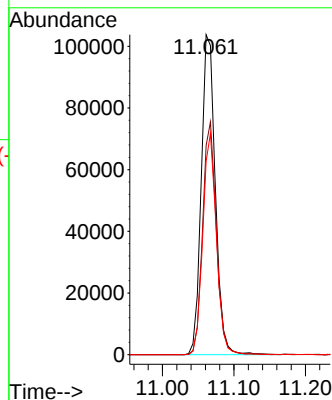
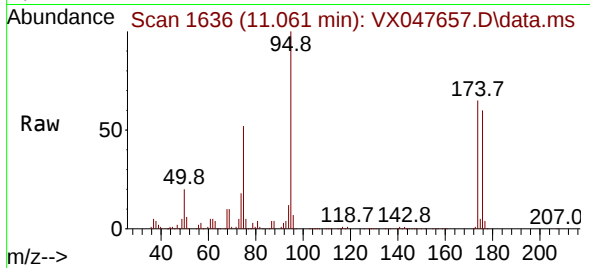




#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

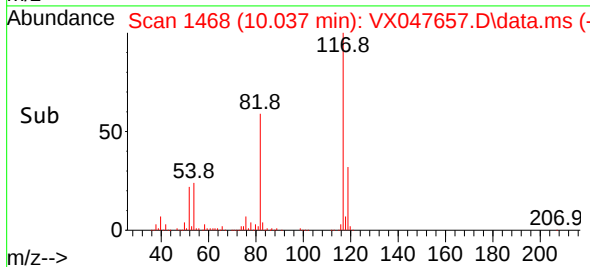
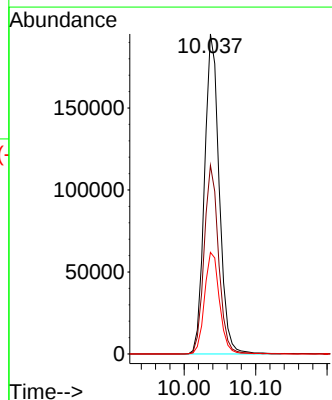
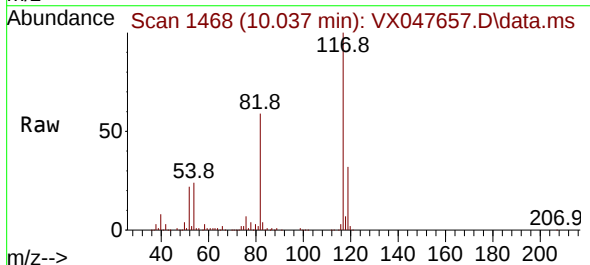
Instrument :
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RE122D3-20250911

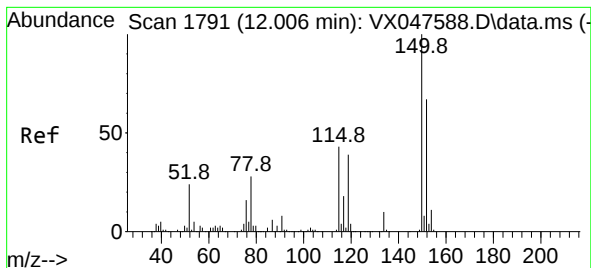
Tgt Ion: 95 Resp: 141338
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.6
176 67.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 117 Resp: 278614
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 31.7 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: VX047657.D

Acq: 18 Sep 2025 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20250911

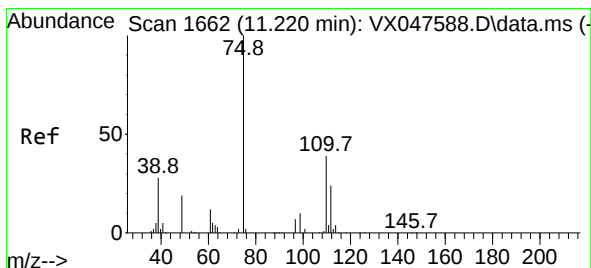
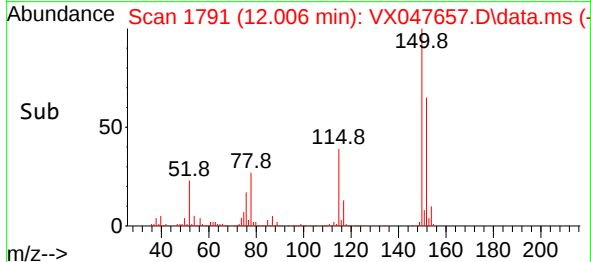
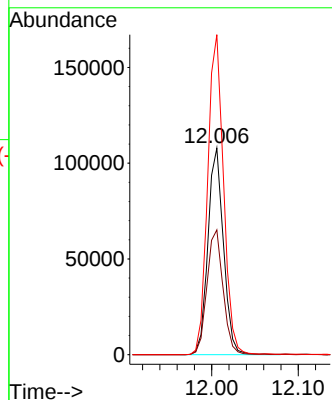
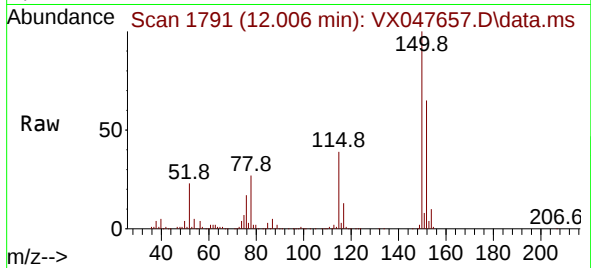
Tgt Ion:152 Resp: 134590

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 157.9 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 26.457 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047657.D

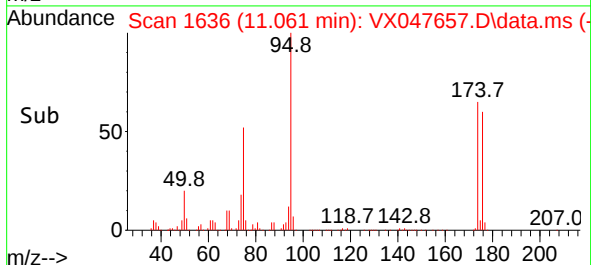
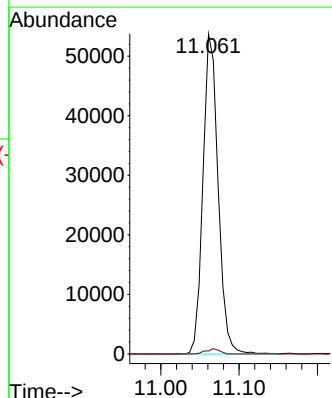
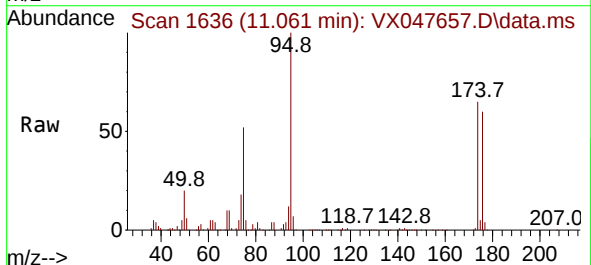
Acq: 18 Sep 2025 20:55

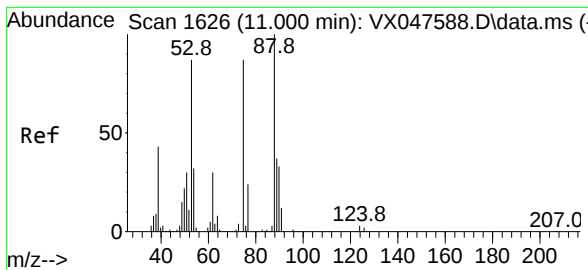
Tgt Ion: 75 Resp: 72095

Ion Ratio Lower Upper

75 100

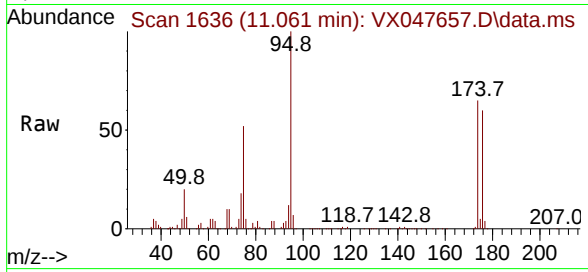
77 1.5 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.468 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047657.D
 Acq: 18 Sep 2025 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250911



Tgt Ion: 75 Resp: 72095
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

