

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038891.D
 Acq On : 15 Jul 2025 09:44
 Operator : SY/MD
 Sample : VV0715WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBL01

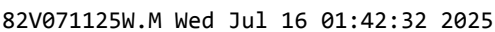
Quant Time: Jul 16 01:42:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 2025
 Response via : Initial Calibration

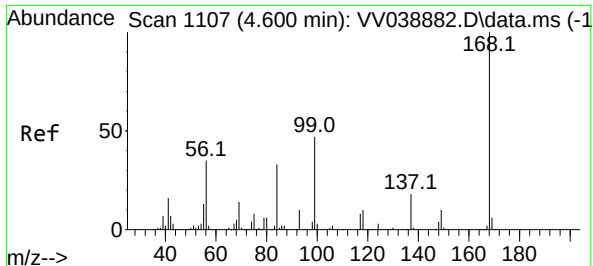
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.600	168	523642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	899535	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	798525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	335704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	352095	55.032	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 110.060%	
35) Dibromofluoromethane	4.500	113	301276	49.123	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 98.240%	
50) Toluene-d8	7.236	98	970580	52.355	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	10.001	95	351254	47.035	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 94.060%	
Target Compounds						
					Qvalue	
13) Acrolein	2.027	56	98	0.460	ug/l #	40
16) Acetone	2.127	43	903	0.326	ug/l	96
20) Methylene Chloride	2.452	84	1709	0.243	ug/l #	84
31) Cyclohexane	4.600	56	10676	1.423	ug/l #	1
36) 1,1-Dichloropropene	4.603	75	42323	6.005	ug/l #	48
38) Carbon Tetrachloride	4.596	117	54458	5.817	ug/l #	18
76) 1,2,3-Trichloropropane	10.001	75	175725	28.154	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.001	75	175725	68.704	ug/l #	13

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

Quant Time: Jul 16 01:42:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

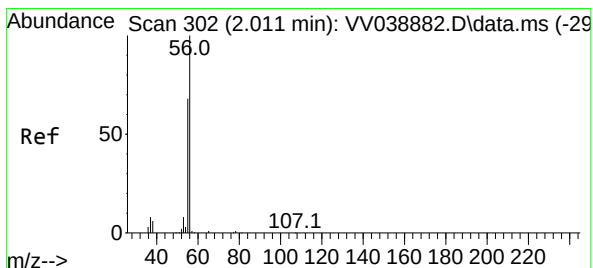
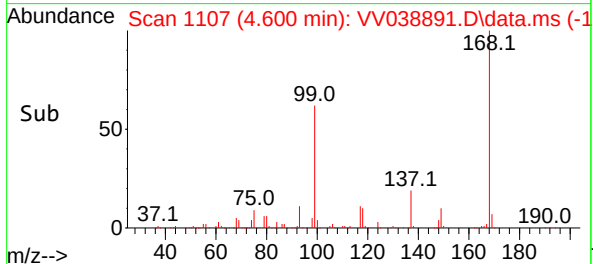
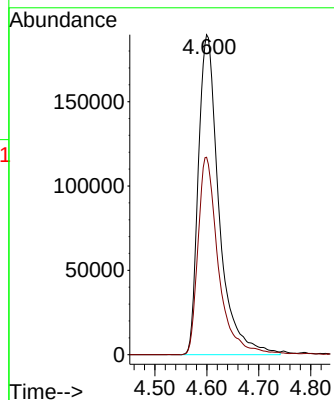
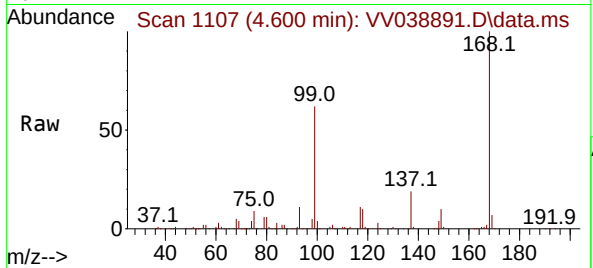




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

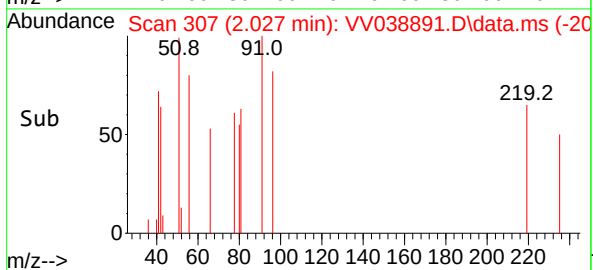
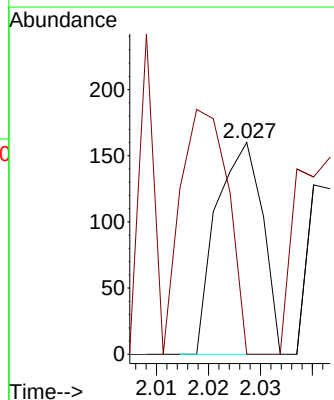
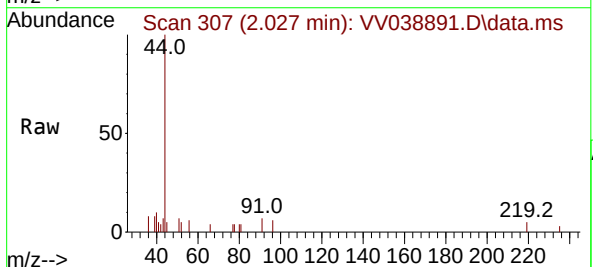
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

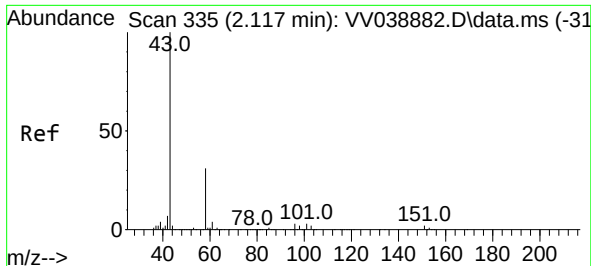
Tgt Ion:168 Resp: 523642
Ion Ratio Lower Upper
168 100
99 61.7 48.6 73.0



#13
Acrolein
Concen: 0.460 ug/l
RT: 2.027 min Scan# 307
Delta R.T. 0.016 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 120.4 56.7 85.1#

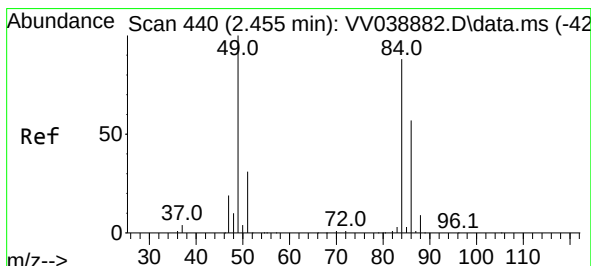
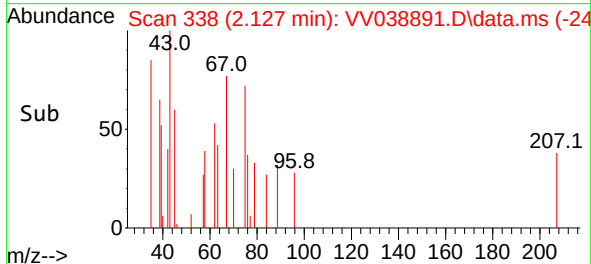
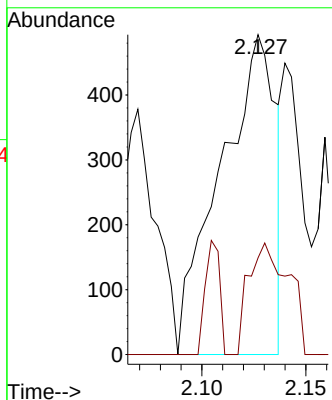
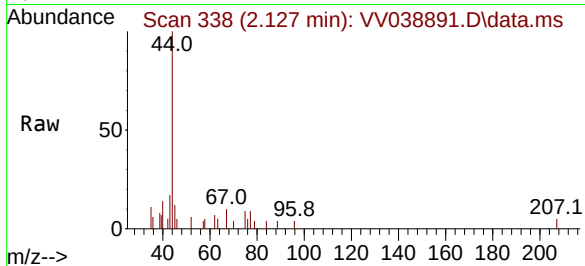




#16
Acetone
Concen: 0.326 ug/l
RT: 2.127 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

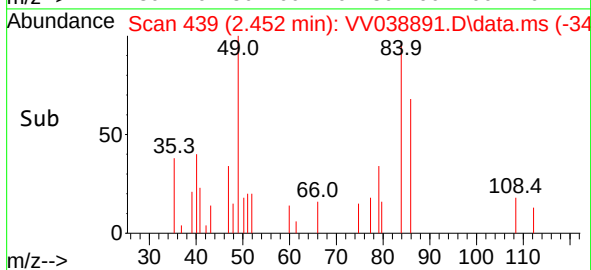
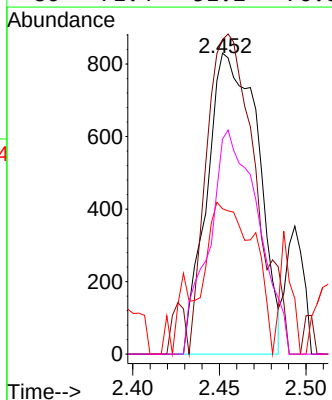
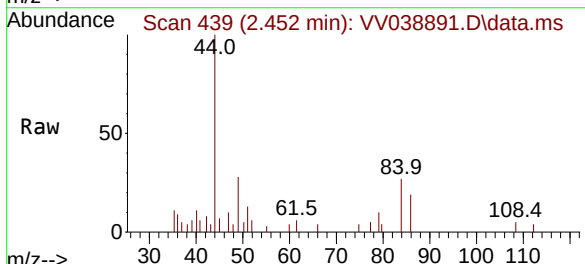
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

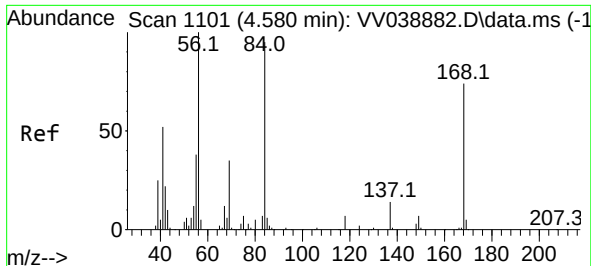
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6



#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 84 Resp: 1709
Ion Ratio Lower Upper
84 100
49 87.3 90.5 135.7#
51 33.3 27.8 41.6
86 71.4 51.2 76.8

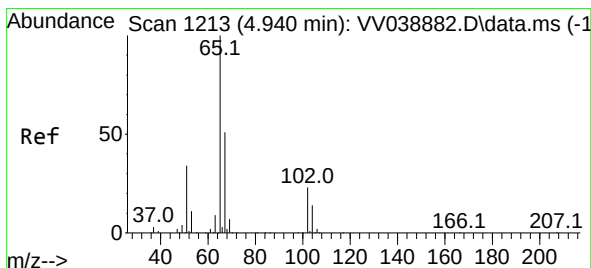
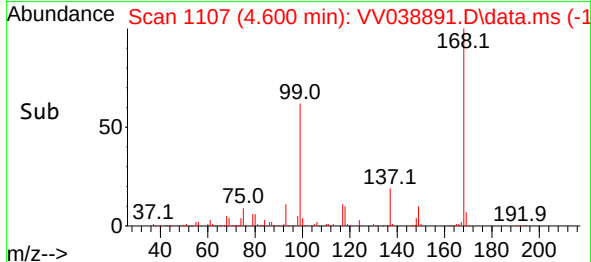
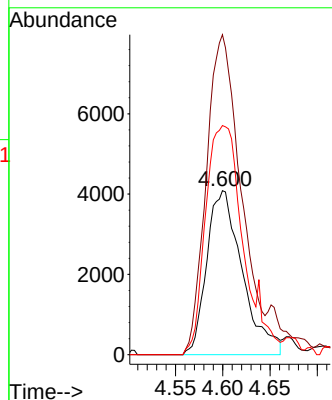
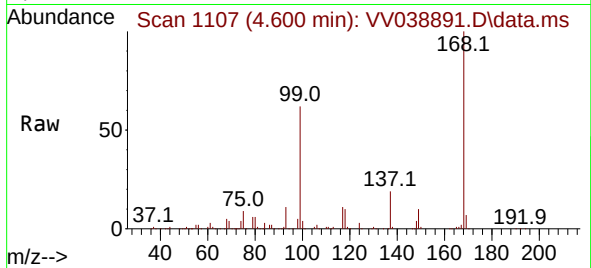




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 4.600 min Scan# 1101
Delta R.T. 0.019 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

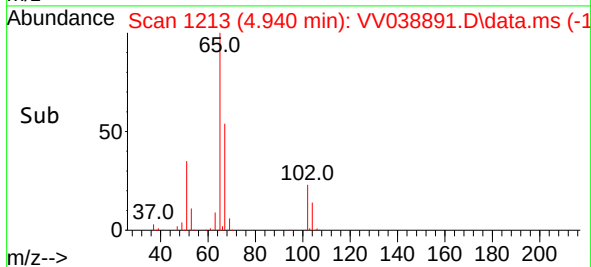
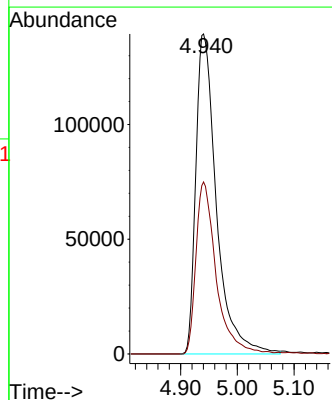
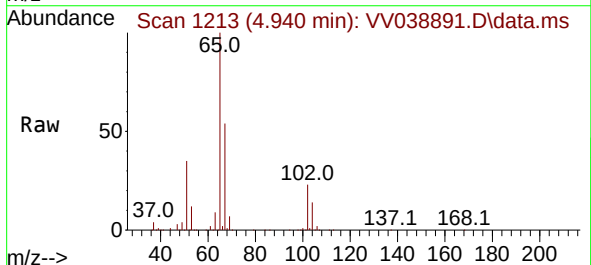
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

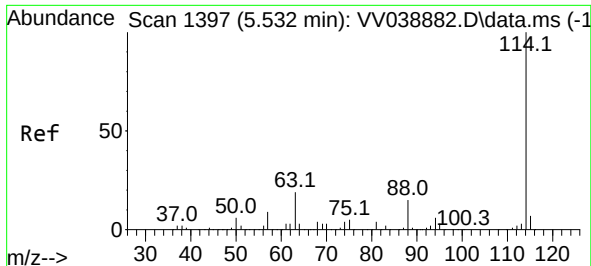
Tgt Ion: 56 Resp: 10676
Ion Ratio Lower Upper
56 100
69 195.1 28.2 42.2#
84 139.7 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 55.032 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 65 Resp: 352095
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038891.D

Acq: 15 Jul 2025 09:44

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBL01

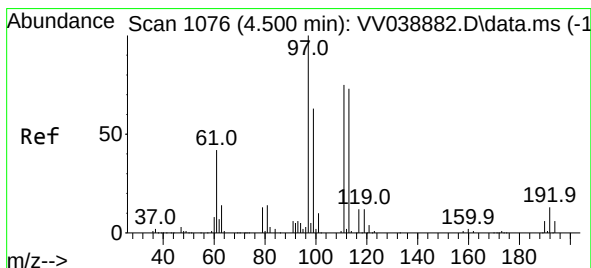
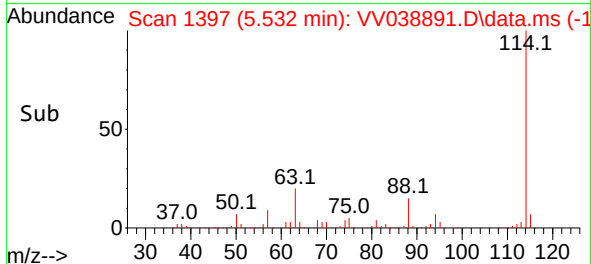
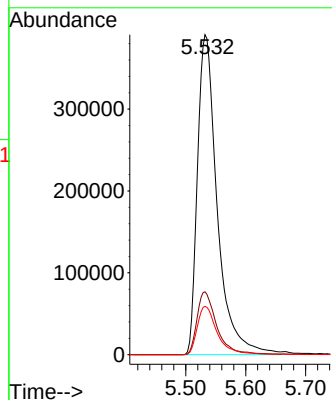
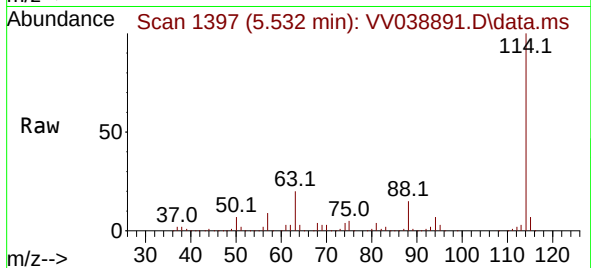
Tgt Ion:114 Resp: 899535

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.2

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 49.123 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038891.D

Acq: 15 Jul 2025 09:44

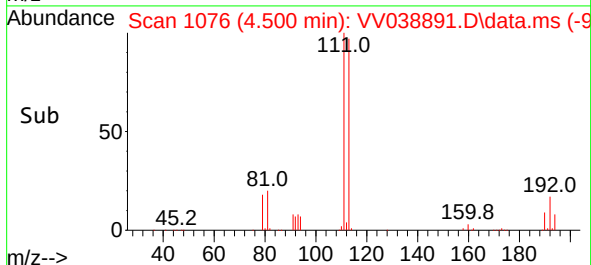
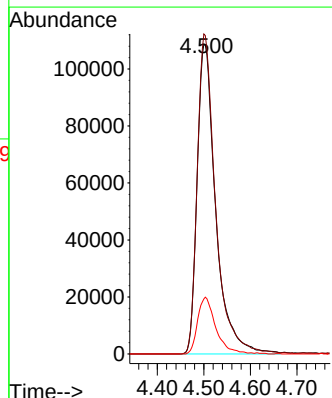
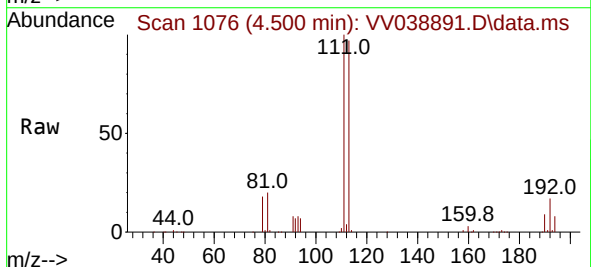
Tgt Ion:113 Resp: 301276

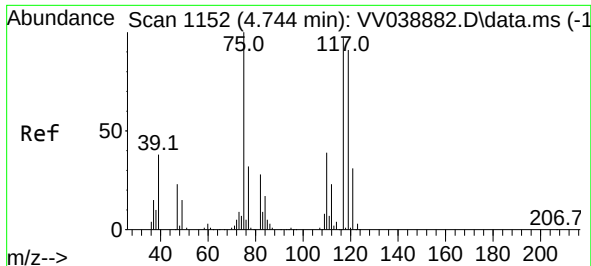
Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

192 17.8 14.2 21.4





#36

1,1-Dichloropropene

Concen: 6.005 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. -0.141 min

Lab File: VV038891.D

Acq: 15 Jul 2025 09:44

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBL01

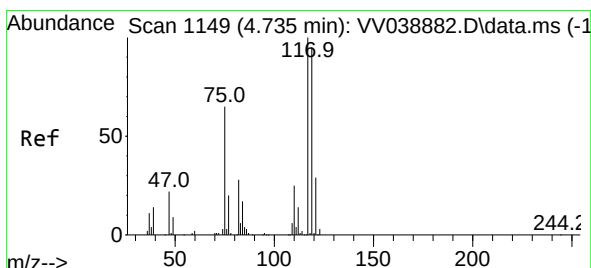
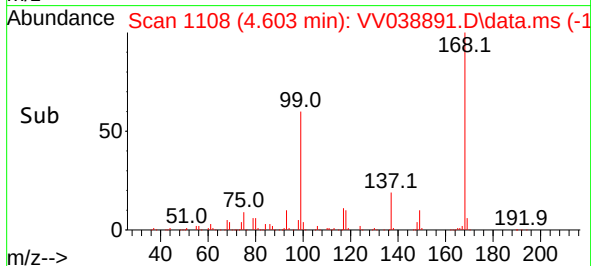
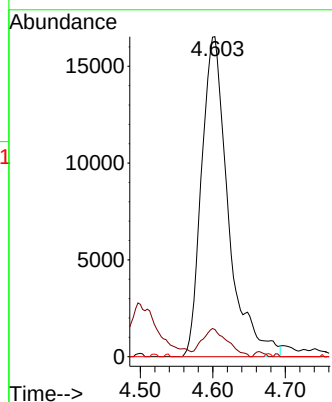
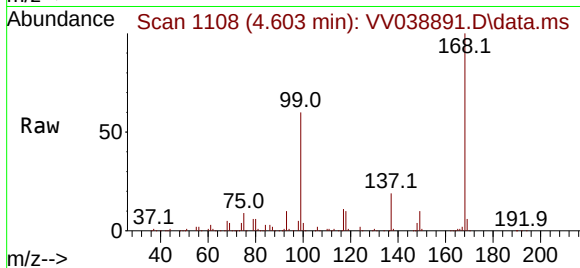
Tgt Ion: 75 Resp: 42323

Ion Ratio Lower Upper

75 100

110 8.3 18.8 56.3#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.817 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.138 min

Lab File: VV038891.D

Acq: 15 Jul 2025 09:44

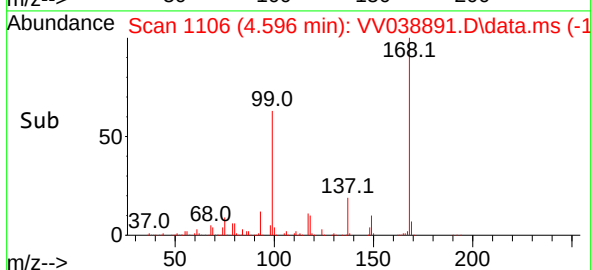
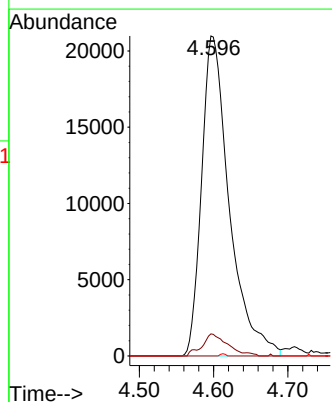
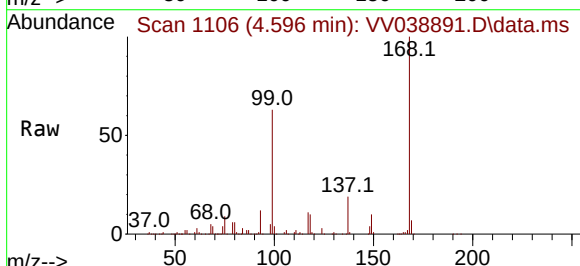
Tgt Ion: 117 Resp: 54458

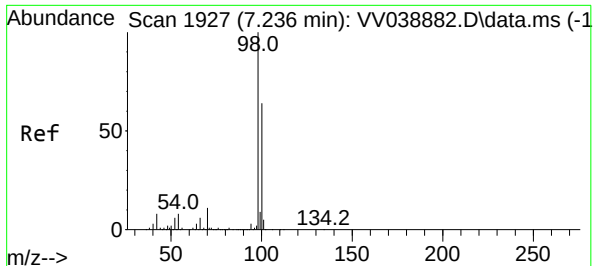
Ion Ratio Lower Upper

117 100

119 6.9 76.0 114.0#

121 0.0 23.1 34.7#

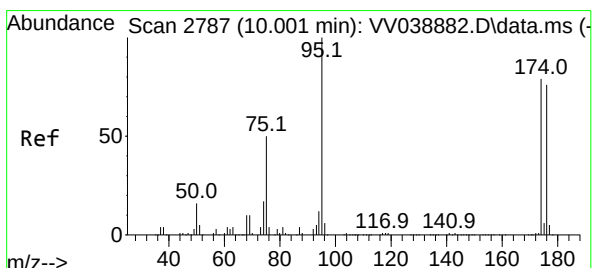
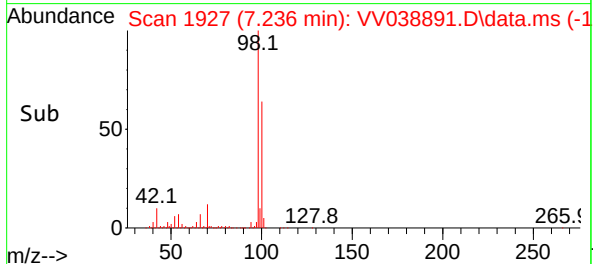
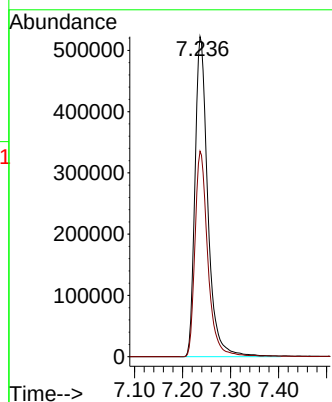
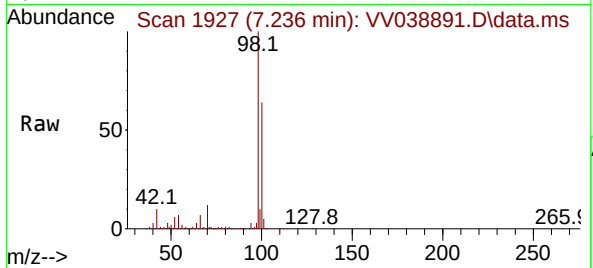




#50
Toluene-d8
Concen: 52.355 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

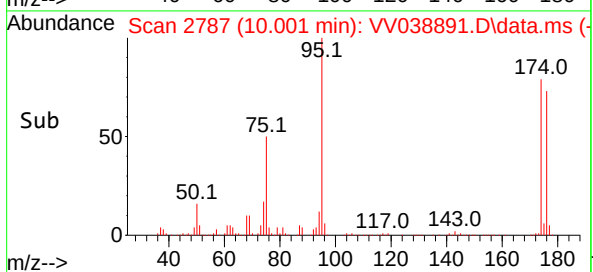
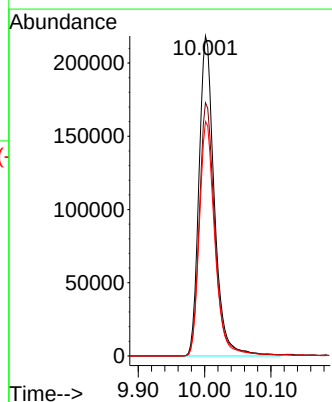
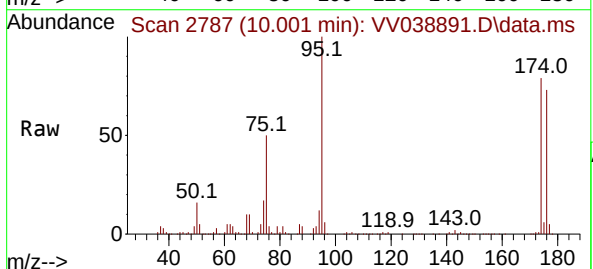
Instrument :
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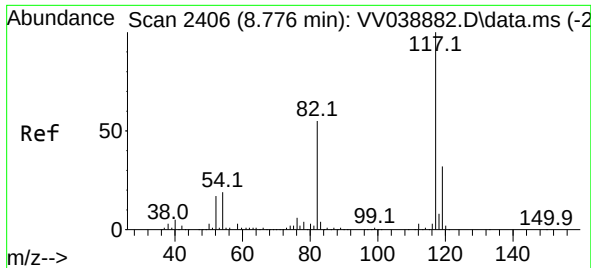
Tgt Ion: 98 Resp: 970580
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.035 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 95 Resp: 351254
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 73.5 0.0 152.2

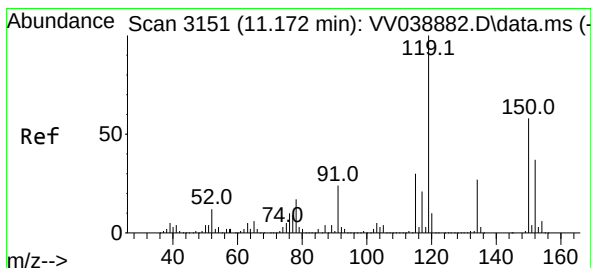
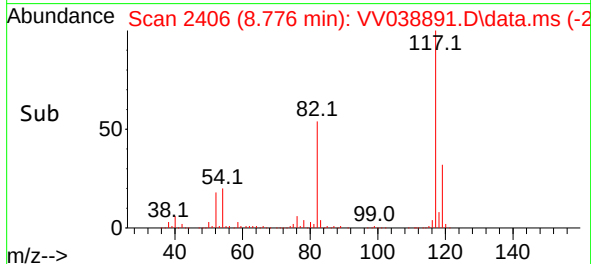
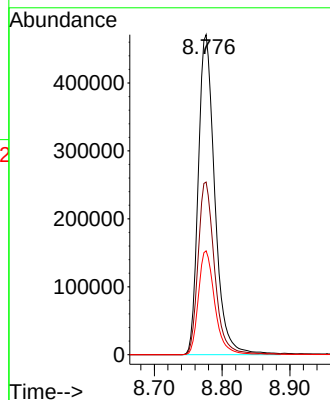
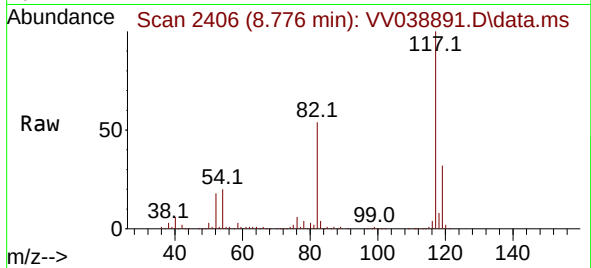




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

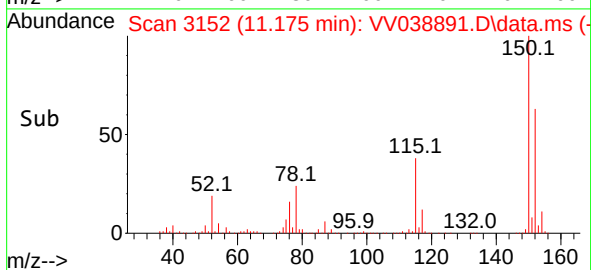
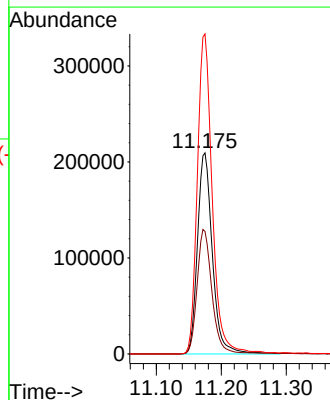
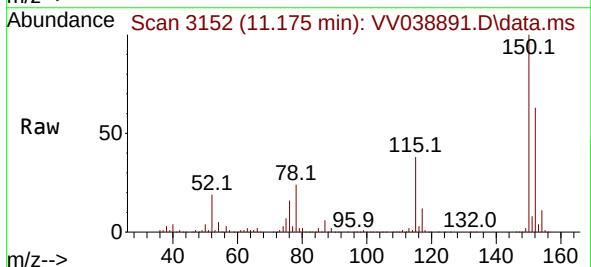
Instrument :
MSVOA_V
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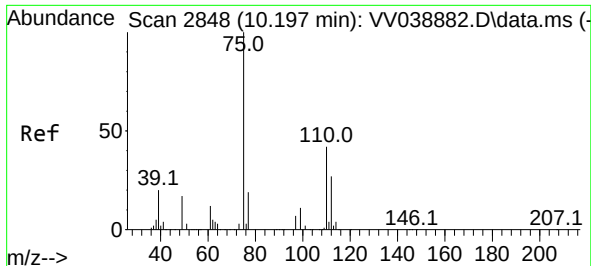
Tgt Ion:117 Resp: 798525
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion:152 Resp: 335704
Ion Ratio Lower Upper
152 100
115 62.0 41.8 125.4
150 158.9 0.0 342.4

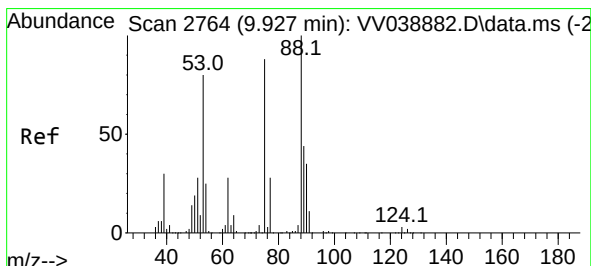
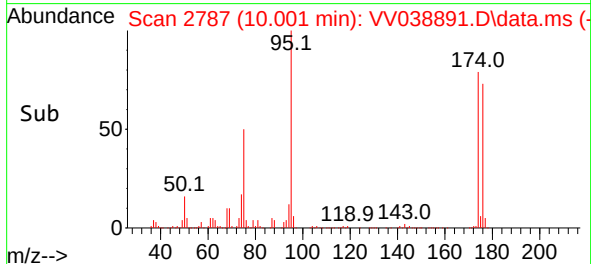
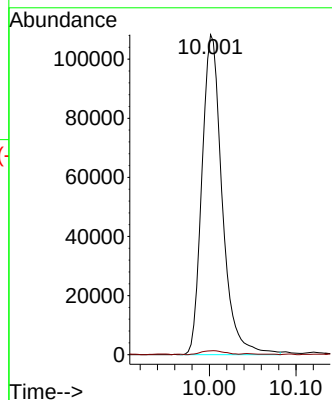
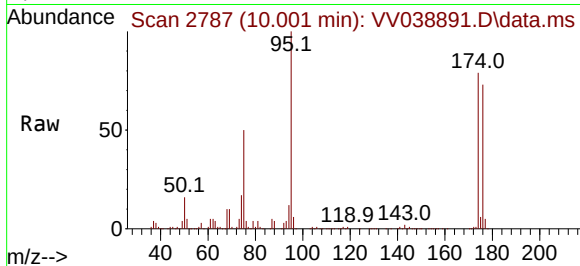




#76
1,2,3-Trichloropropane
Concen: 28.154 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.196 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

Tgt Ion: 75 Resp: 175725
Ion Ratio Lower Upper
75 100
77 1.5 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.704 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.074 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 75 Resp: 175725
Ion Ratio Lower Upper
75 100
53 0.4 71.3 106.9#
89 0.0 42.2 63.2#

