

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038892.D
 Acq On : 15 Jul 2025 10:07
 Operator : SY/MD
 Sample : VV0715WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBL02

Quant Time: Jul 16 01:42:45 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)

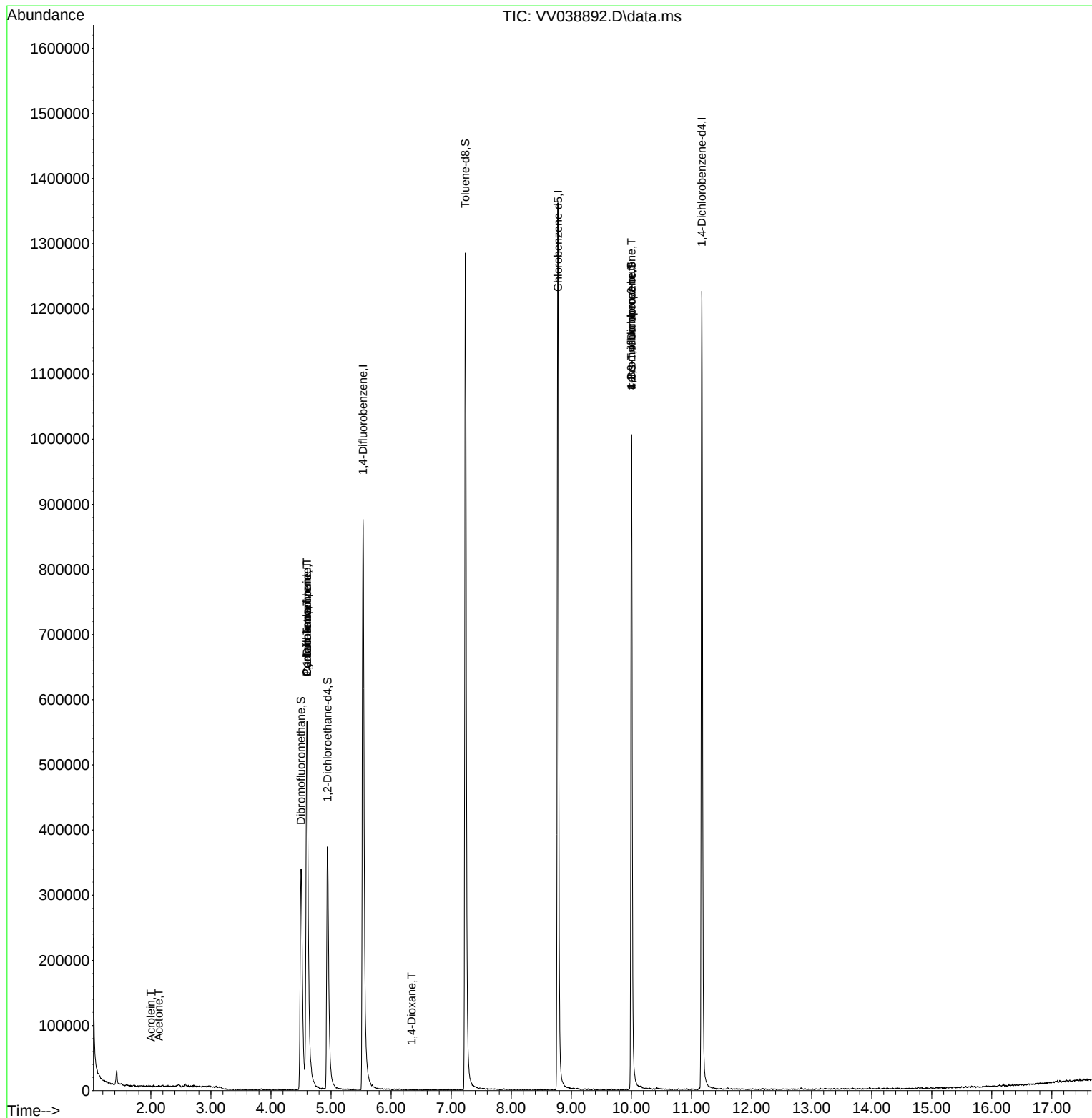
Internal Standards						
1) Pentafluorobenzene	4.600	168	498048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	865959	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	775960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	336351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	340505	55.955	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.920%	
35) Dibromofluoromethane	4.503	113	285446	48.347	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 96.700%	
50) Toluene-d8	7.236	98	924379	51.796	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	10.001	95	336144	46.757	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 93.520%	
Target Compounds						
					Qvalue	
13) Acrolein	2.002	56	198	0.977	ug/l #	44
16) Acetone	2.130	43	1111	0.422	ug/l	91
31) Cyclohexane	4.600	56	10102	1.416	ug/l #	14
36) 1,1-Dichloropropene	4.600	75	40075	5.906	ug/l #	50
38) Carbon Tetrachloride	4.600	117	52042	5.774	ug/l #	17
49) 1,4-Dioxane	6.342	88	80	0.677	ug/l #	25
76) 1,2,3-Trichloropropane	10.001	75	169686	27.134	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.001	75	169686	66.215	ug/l #	13

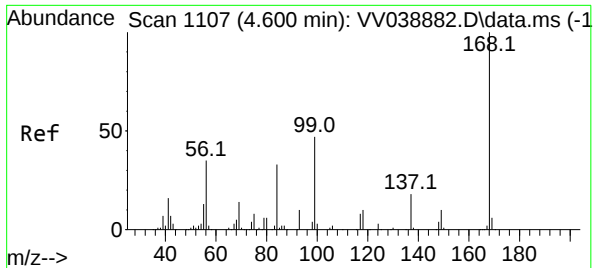
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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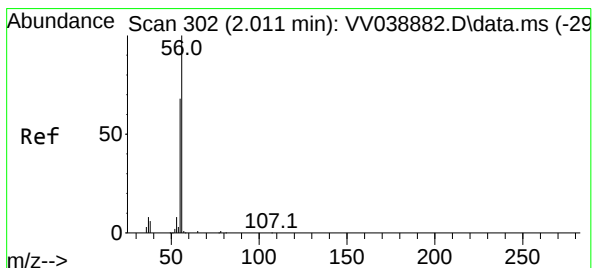
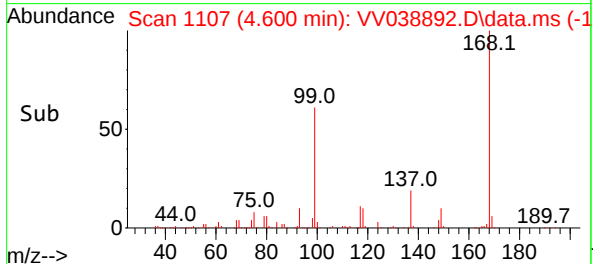
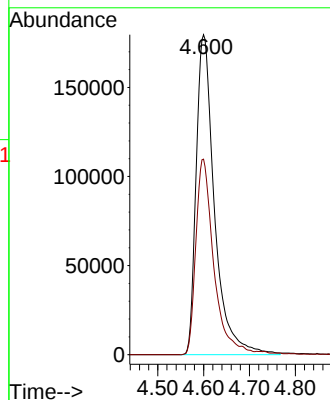
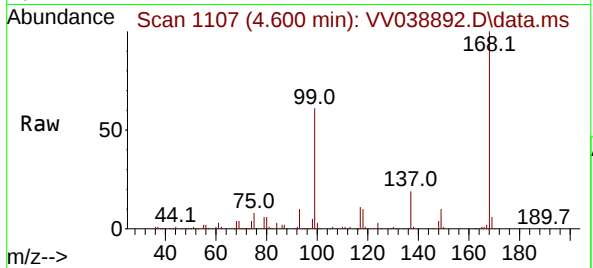




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

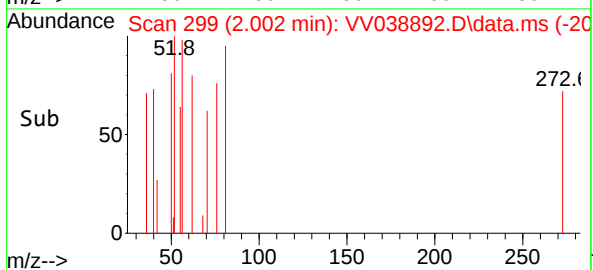
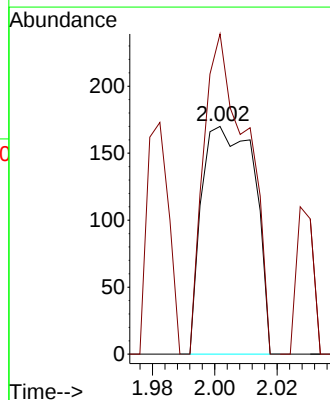
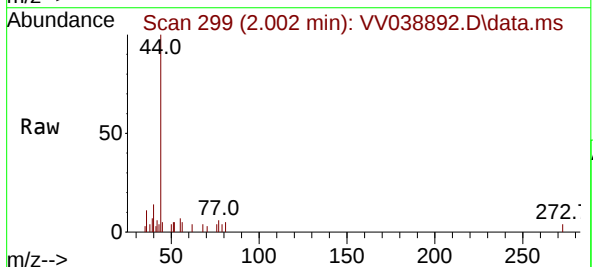
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL02

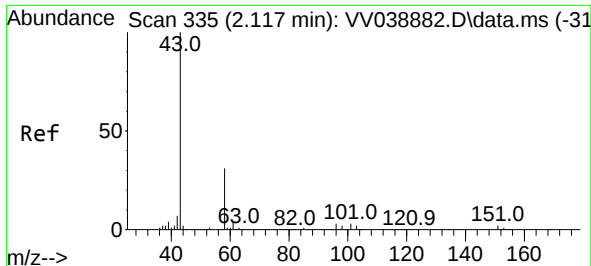
Tgt Ion:168 Resp: 498048
Ion Ratio Lower Upper
168 100
99 61.1 48.6 73.0



#13
Acrolein
Concen: 0.977 ug/l
RT: 2.002 min Scan# 299
Delta R.T. -0.010 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
55 117.2 56.7 85.1#





#16

Acetone

Concen: 0.422 ug/l

RT: 2.130 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038892.D

Acq: 15 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

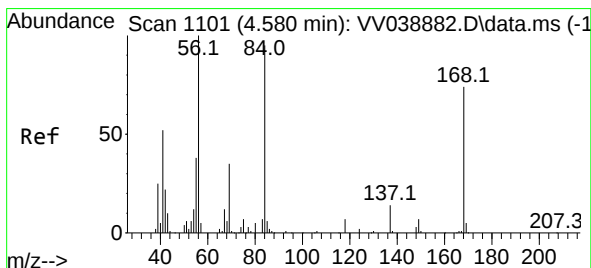
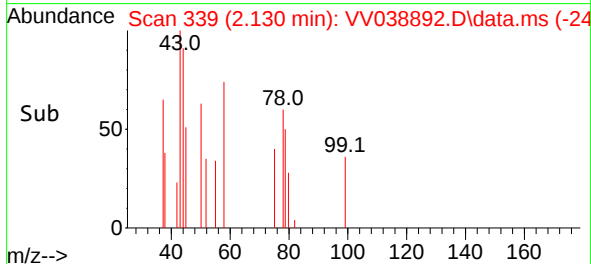
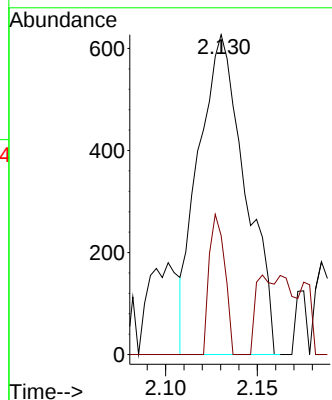
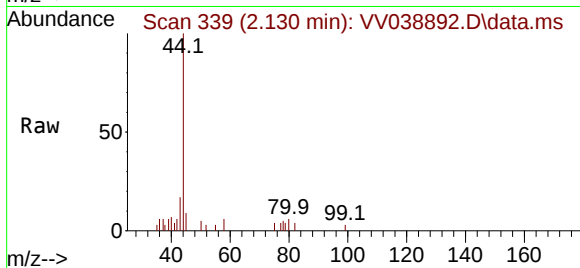
VV0715WBL02

Tgt Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

58 37.2 25.8 38.6



#31

Cyclohexane

Concen: 1.416 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. 0.019 min

Lab File: VV038892.D

Acq: 15 Jul 2025 10:07

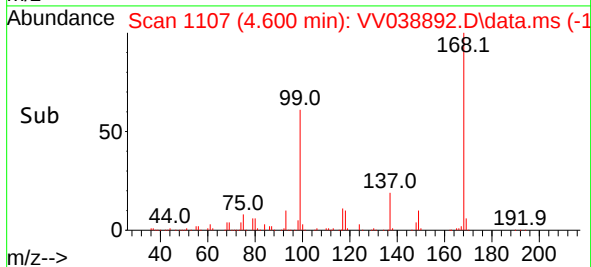
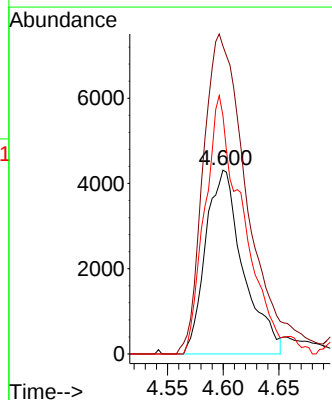
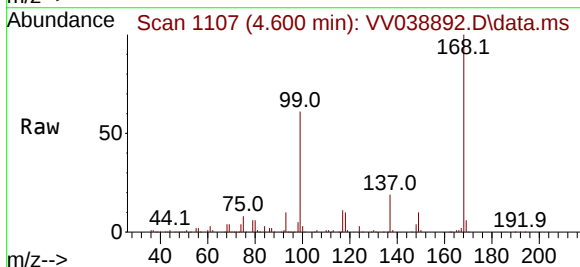
Tgt Ion: 56 Resp: 10102

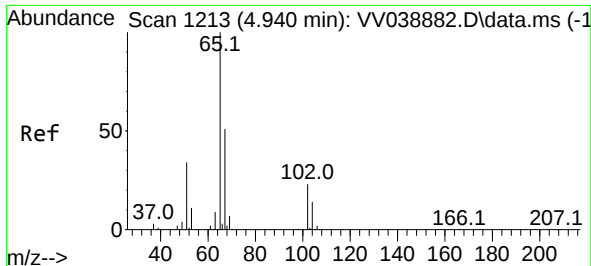
Ion Ratio Lower Upper

56 100

69 164.4 28.2 42.2#

84 129.8 76.0 114.0#





#33

1,2-Dichloroethane-d4

Concen: 55.955 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038892.D

Acq: 15 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

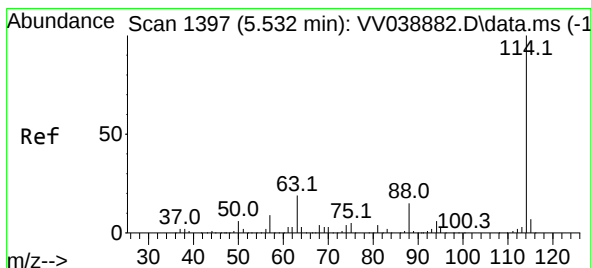
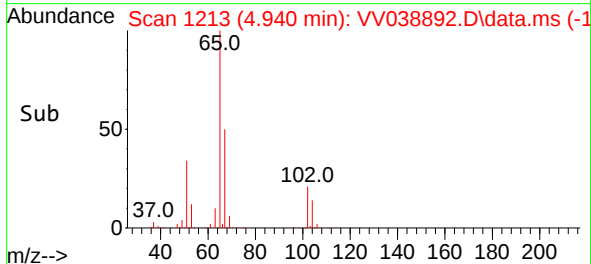
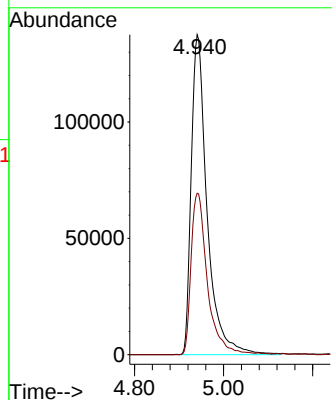
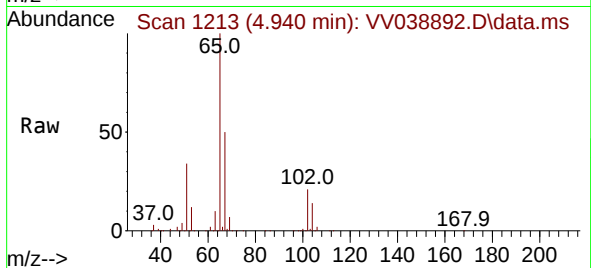
VV0715WBL02

Tgt Ion: 65 Resp: 340505

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038892.D

Acq: 15 Jul 2025 10:07

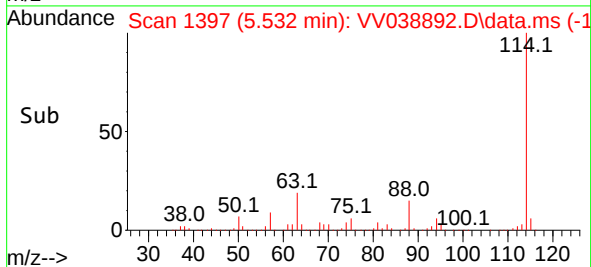
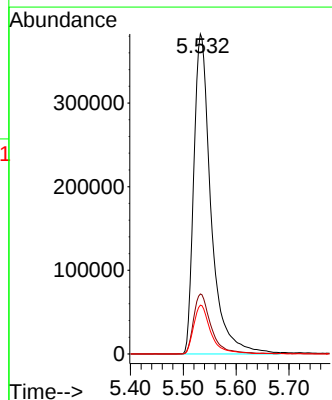
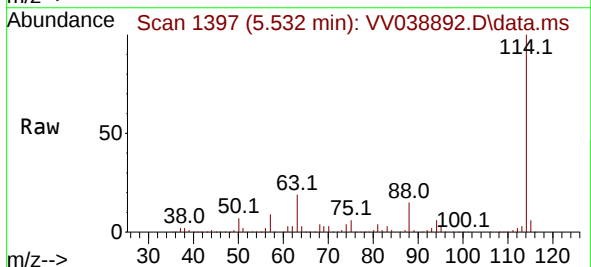
Tgt Ion: 114 Resp: 865959

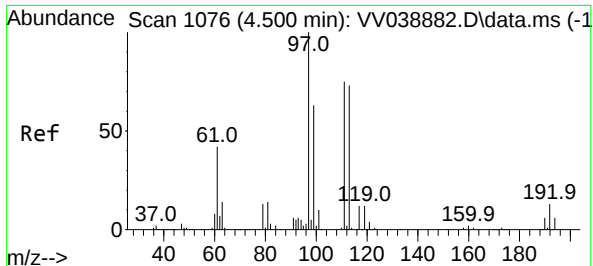
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.2

88 15.2 0.0 30.8

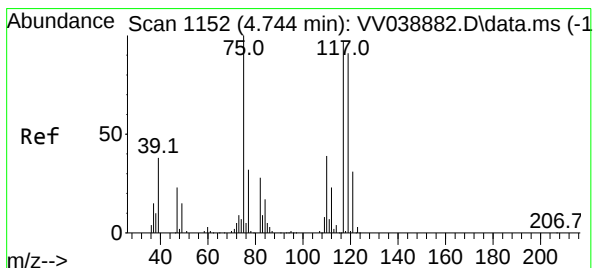
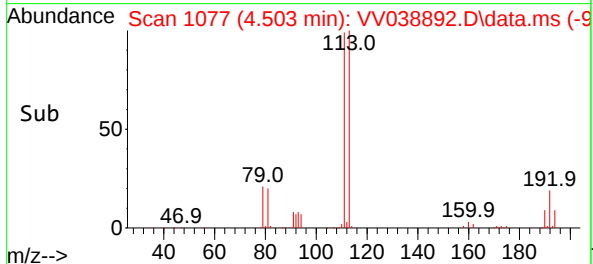
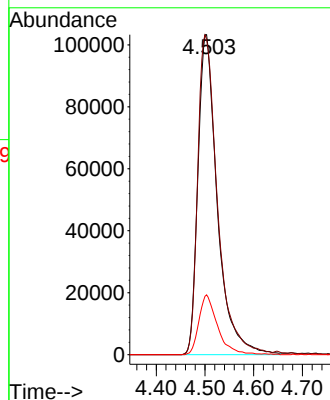
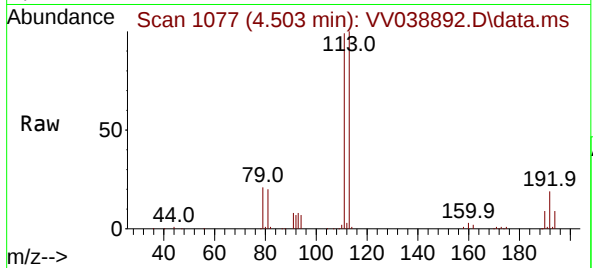




#35
Dibromofluoromethane
Concen: 48.347 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

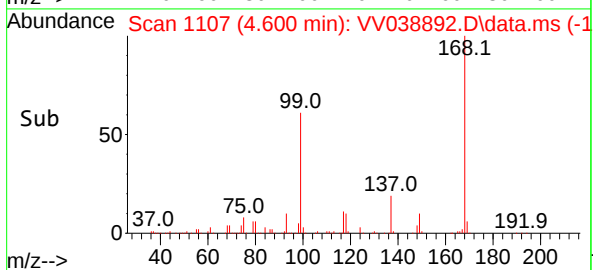
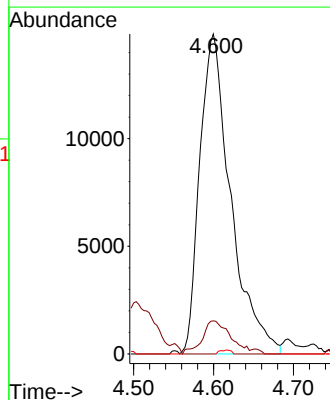
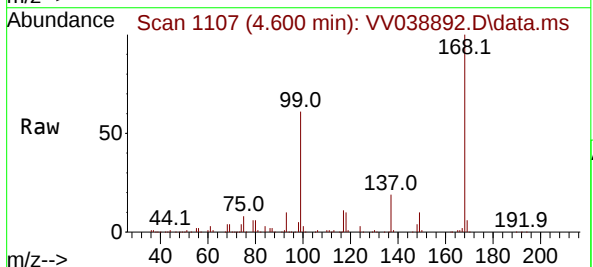
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL02

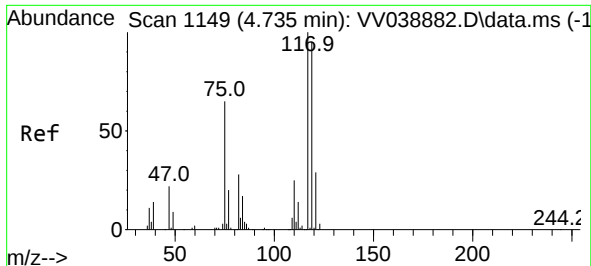
Tgt Ion:113 Resp: 285446
Ion Ratio Lower Upper
113 100
111 101.9 83.3 124.9
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.906 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.144 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

Tgt Ion: 75 Resp: 40075
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.3#
77 0.4 24.2 36.4#

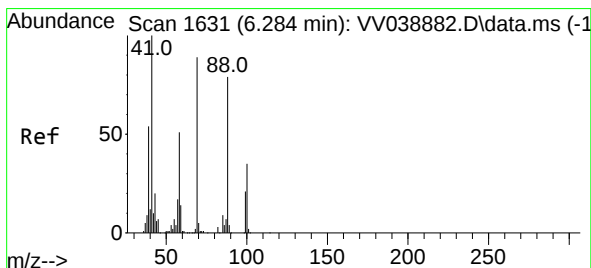
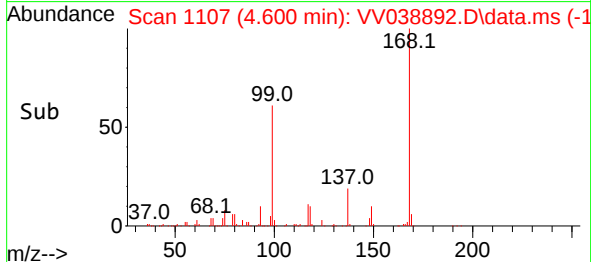
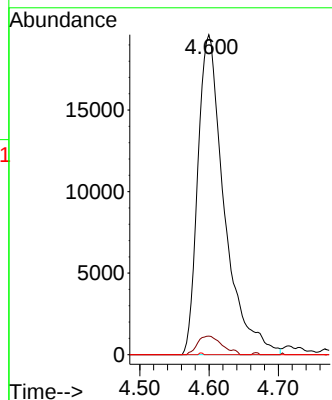
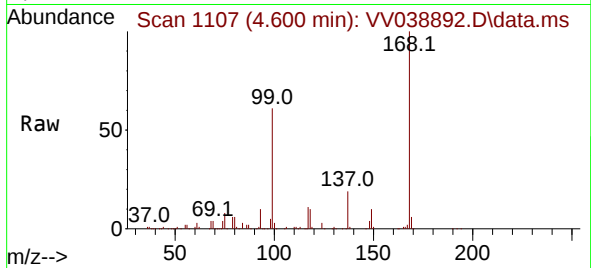




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 4.600 min Scan# 1149
Delta R.T. -0.135 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

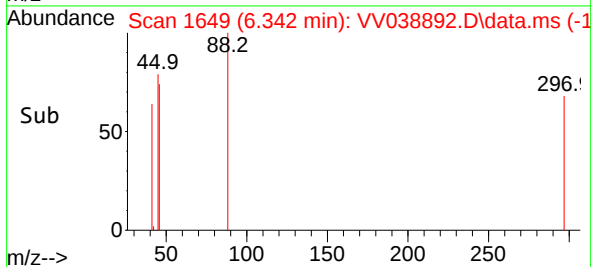
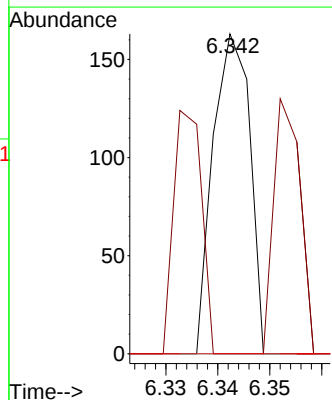
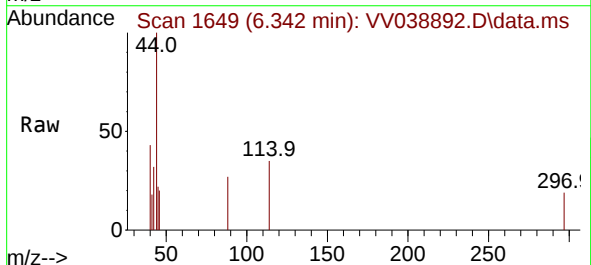
Instrument :
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ClientSampleId :
VV0715WBL02

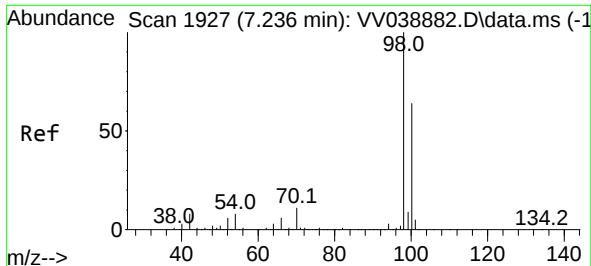
Tgt Ion: 117 Resp: 52042
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 23.1 34.7#



#49
1,4-Dioxane
Concen: 0.677 ug/l
RT: 6.342 min Scan# 1649
Delta R.T. 0.058 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 57.5 23.0 34.4#
58 0.0 53.8 80.6#

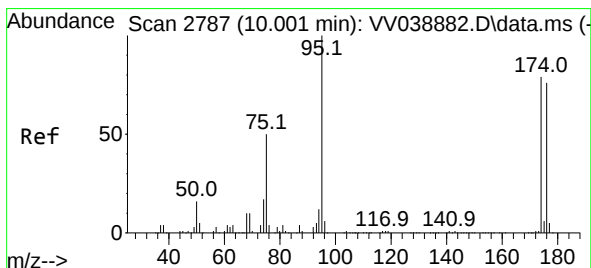
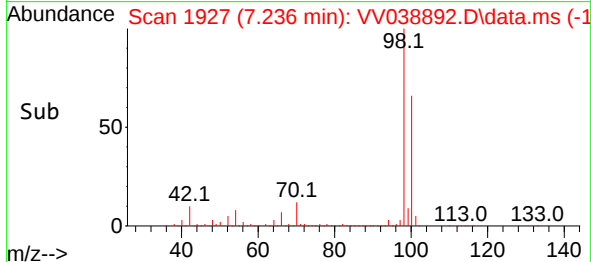
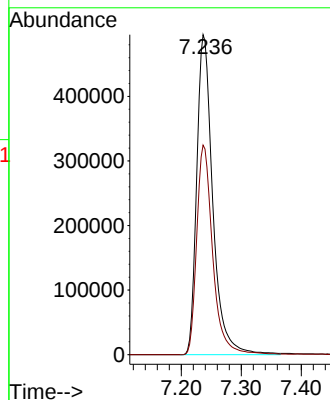
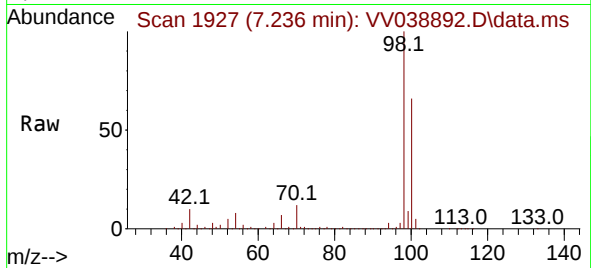




#50
Toluene-d8
Concen: 51.796 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

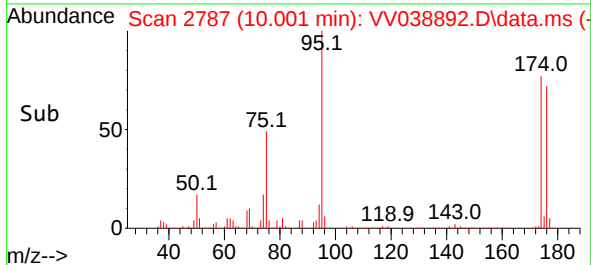
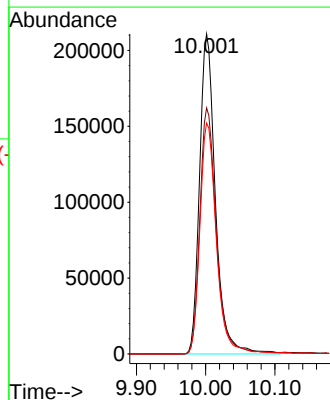
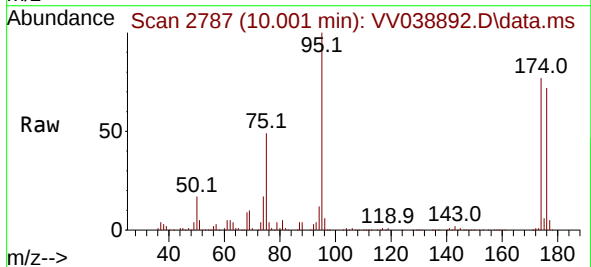
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ClientSampleId :
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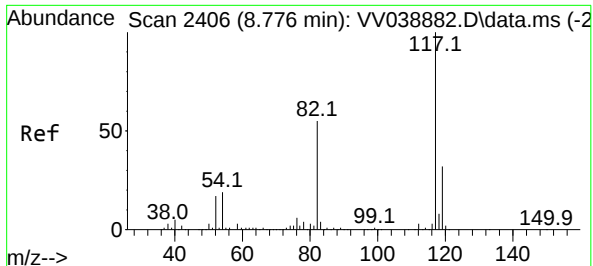
Tgt Ion: 98 Resp: 924379
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

Tgt Ion: 95 Resp: 336144
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.0
176 74.8 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038892.D

Acq: 15 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBL02

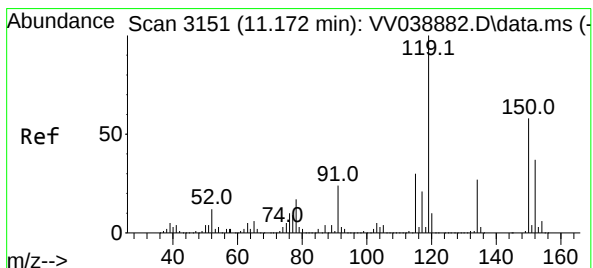
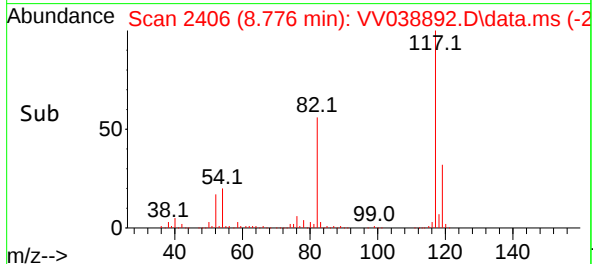
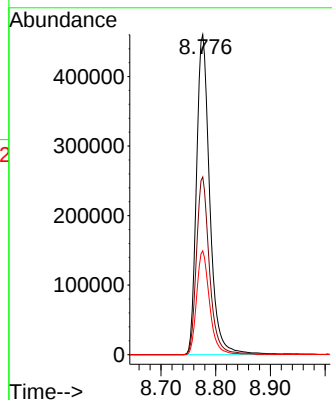
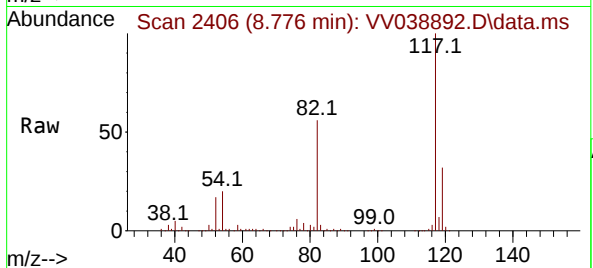
Tgt Ion:117 Resp: 775960

Ion Ratio Lower Upper

117 100

82 55.6 43.7 65.5

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038892.D

Acq: 15 Jul 2025 10:07

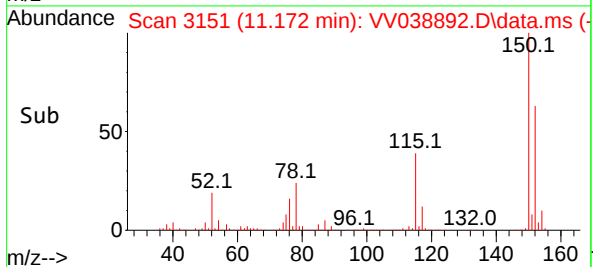
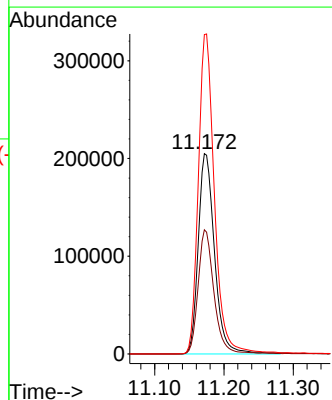
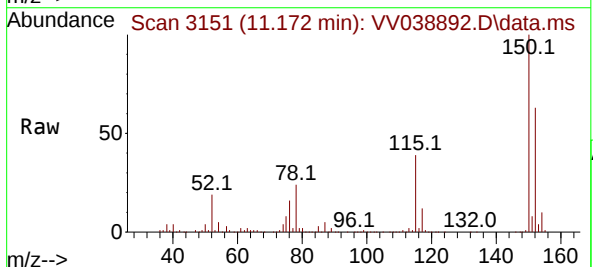
Tgt Ion:152 Resp: 336351

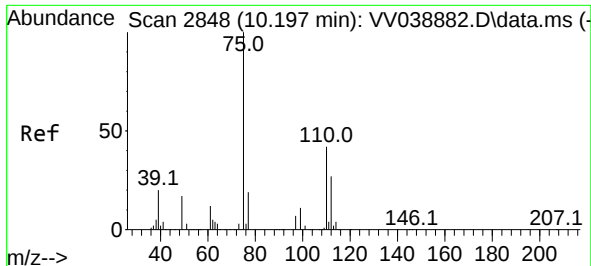
Ion Ratio Lower Upper

152 100

115 59.9 41.8 125.4

150 157.8 0.0 342.4

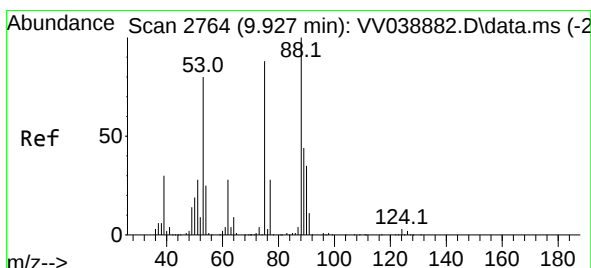
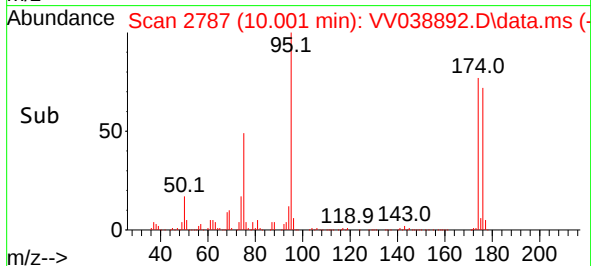
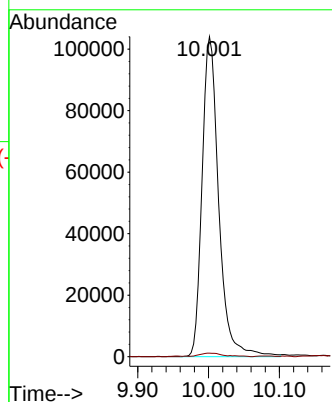
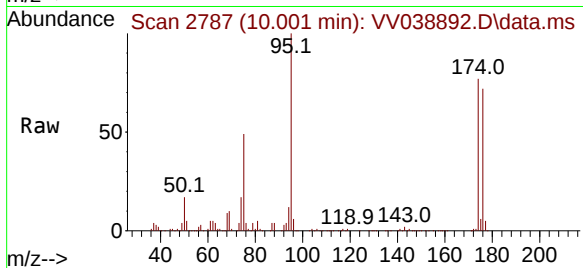




#76
1,2,3-Trichloropropane
Concen: 27.134 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.196 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL02

Tgt Ion: 75 Resp: 169686
Ion Ratio Lower Upper
75 100
77 1.2 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.215 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.074 min
Lab File: VV038892.D
Acq: 15 Jul 2025 10:07

Tgt Ion: 75 Resp: 169686
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.0 42.2 63.2#

