

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039233.D
 Acq On : 29 Sep 2025 15:45
 Operator : SY/MD
 Sample : Q3231-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 WC-1

Quant Time: Sep 30 01:27:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

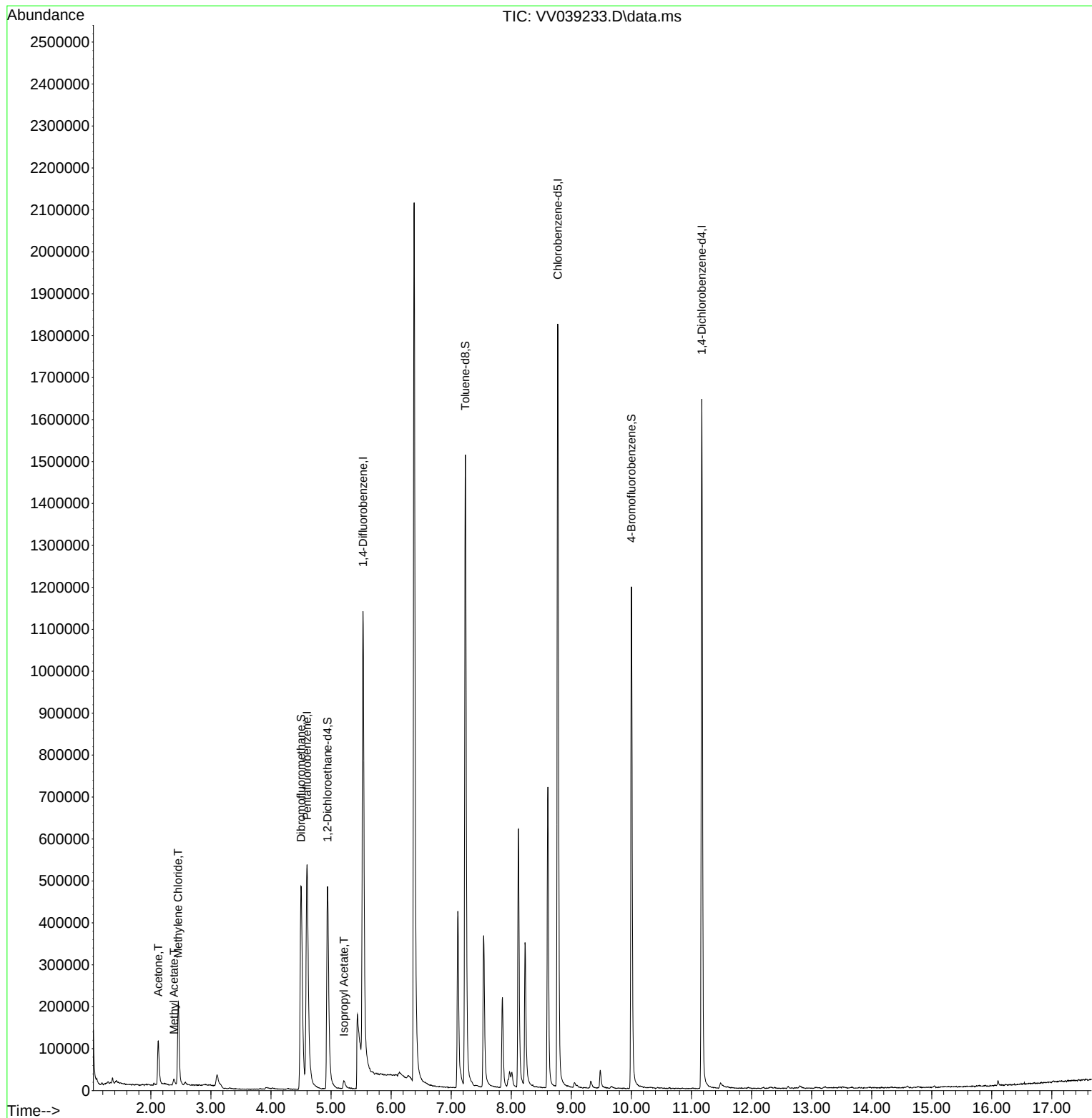
Internal Standards						
1) Pentafluorobenzene	4.600	168	471099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	988131	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1019460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	436334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	430296	63.110	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 126.220%#	
35) Dibromofluoromethane	4.503	113	405629	51.062	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.120%	
50) Toluene-d8	7.236	98	1082968	46.418	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 92.840%	
62) 4-Bromofluorobenzene	10.001	95	402759	41.933	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 83.860%#	
Target Compounds						
					Qvalue	
16) Acetone	2.124	43	134192	26.239	ug/l	97
18) Methyl Acetate	2.384	43	19393	1.920	ug/l	98
20) Methylene Chloride	2.455	84	97584	11.481	ug/l	90
43) Isopropyl Acetate	5.214	43	28389	1.429	ug/l #	77

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

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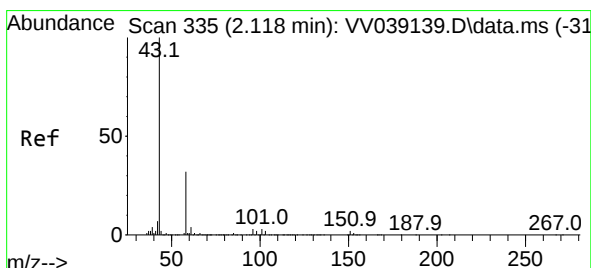
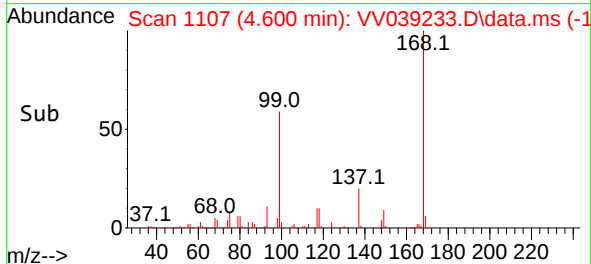
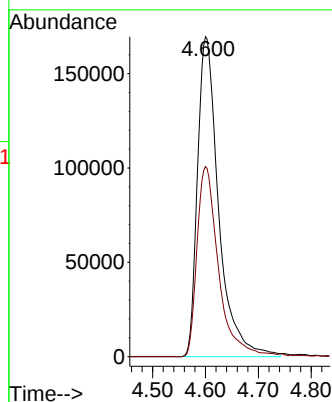
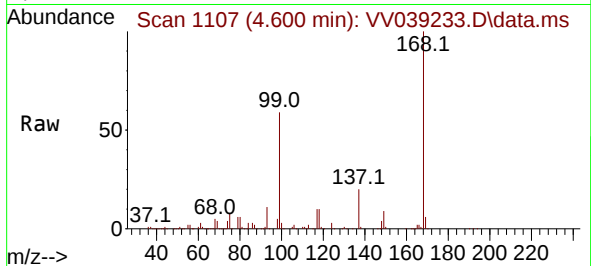




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039233.D
Acq: 29 Sep 2025 15:45

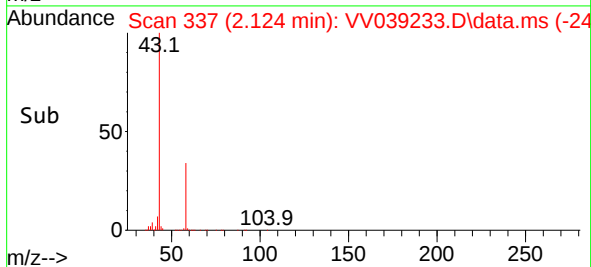
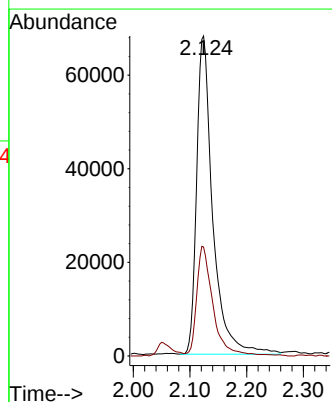
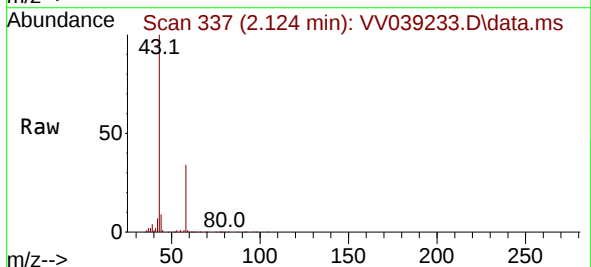
Instrument :
MSVOA_V
ClientSampleId :
WC-1

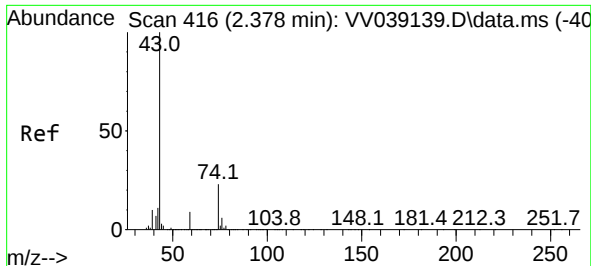
Tgt Ion:168 Resp: 471099
Ion Ratio Lower Upper
168 100
99 59.4 49.6 74.4



#16
Acetone
Concen: 26.239 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV039233.D
Acq: 29 Sep 2025 15:45

Tgt Ion: 43 Resp: 134192
Ion Ratio Lower Upper
43 100
58 33.9 25.8 38.6

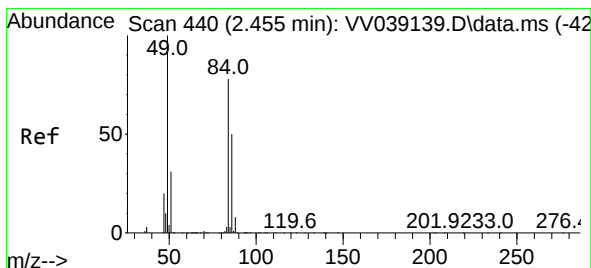
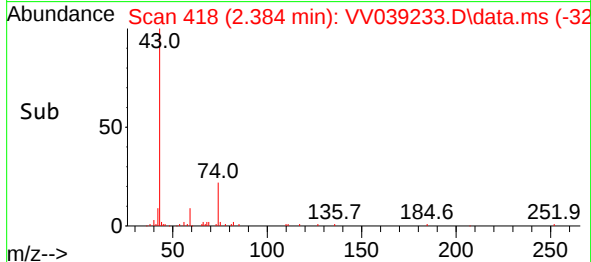
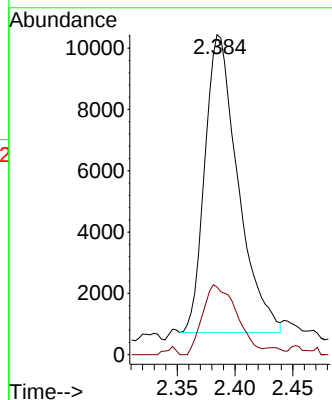
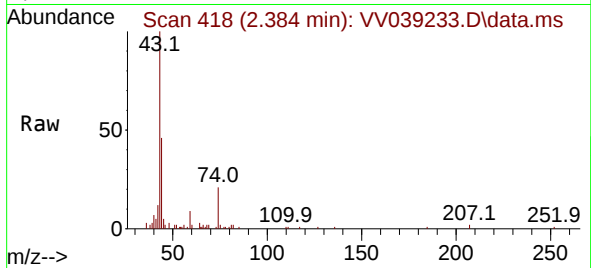




#18
Methyl Acetate
Concen: 1.920 ug/l
RT: 2.384 min Scan# 416
Delta R.T. 0.006 min
Lab File: VV039233.D
Acq: 29 Sep 2025 15:45

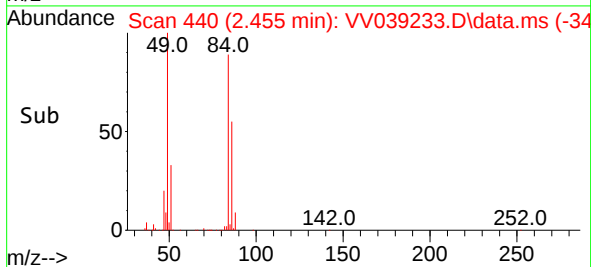
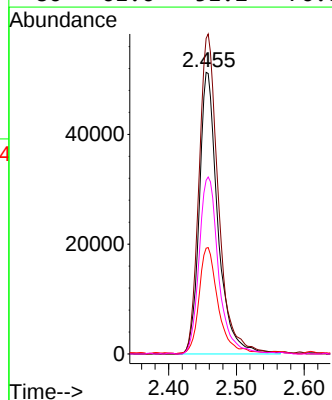
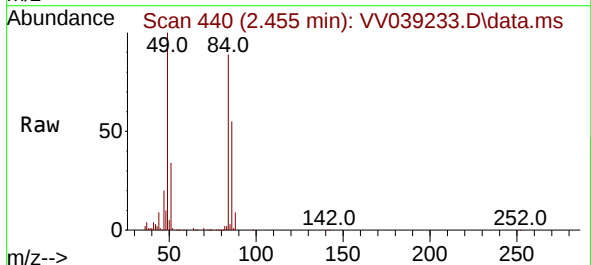
Instrument :
MSVOA_V
ClientSampleId :
WC-1

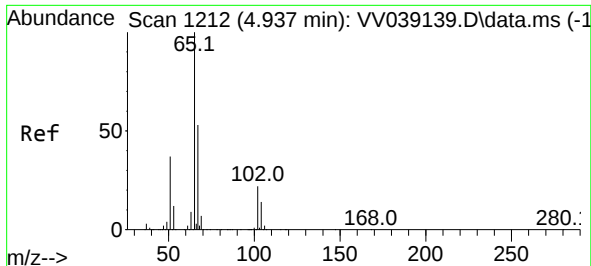
Tgt Ion: 43 Resp: 19393
Ion Ratio Lower Upper
43 100
74 24.2 18.6 27.8



#20
Methylene Chloride
Concen: 11.481 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039233.D
Acq: 29 Sep 2025 15:45

Tgt Ion: 84 Resp: 97584
Ion Ratio Lower Upper
84 100
49 111.8 102.8 154.2
51 37.2 31.9 47.9
86 61.6 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 63.110 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039233.D

Acq: 29 Sep 2025 15:45

Instrument :

MSVOA_V

ClientSampleId :

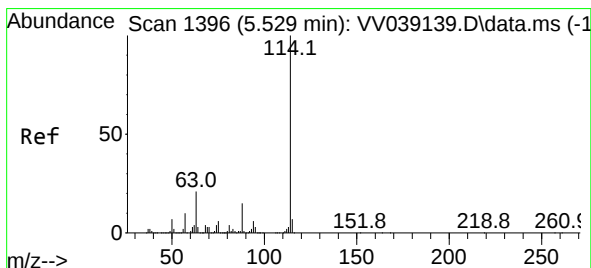
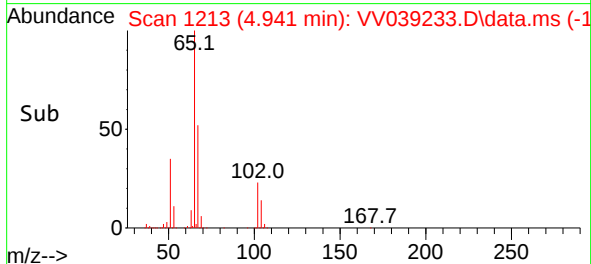
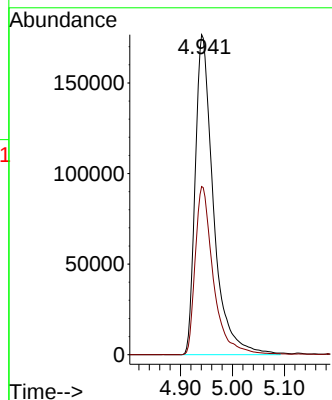
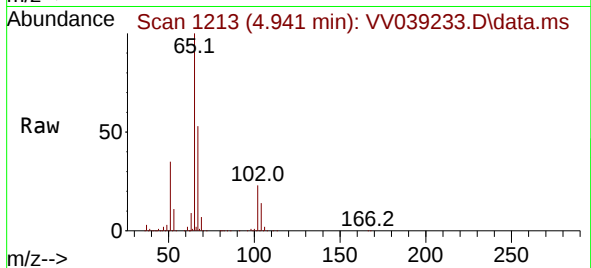
WC-1

Tgt Ion: 65 Resp: 430296

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039233.D

Acq: 29 Sep 2025 15:45

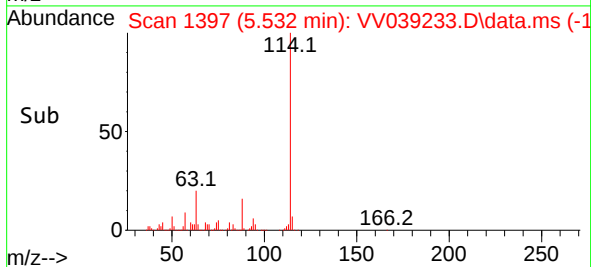
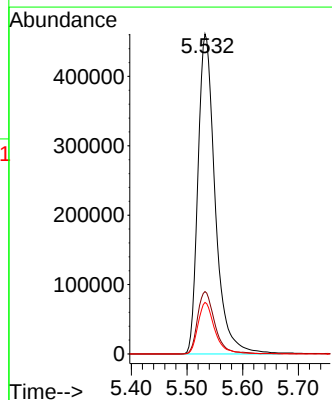
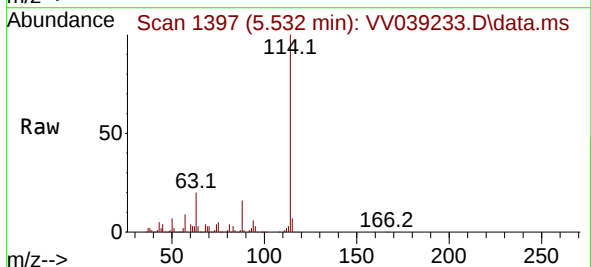
Tgt Ion: 114 Resp: 988131

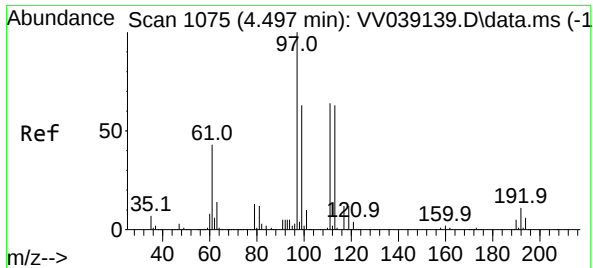
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 16.1 0.0 30.8

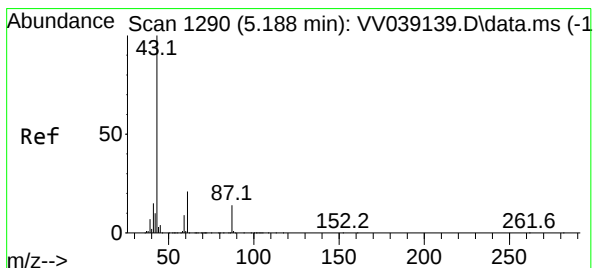
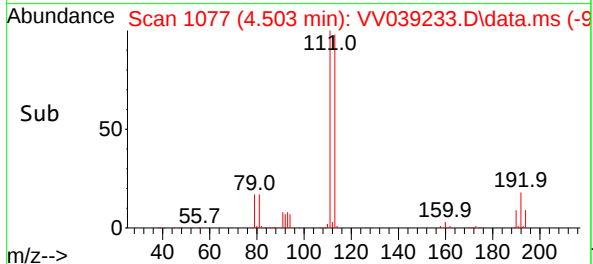
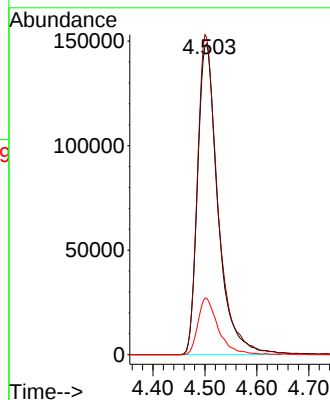
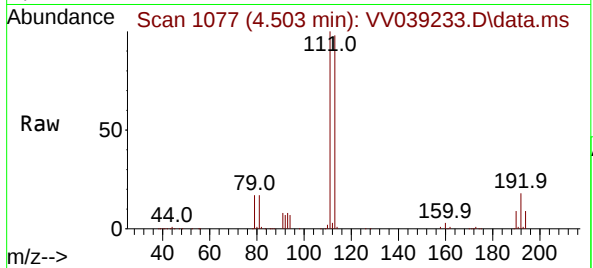




#35
 Dibromofluoromethane
 Concen: 51.062 ug/l
 RT: 4.503 min Scan# 1075
 Delta R.T. 0.006 min
 Lab File: VV039233.D
 Acq: 29 Sep 2025 15:45

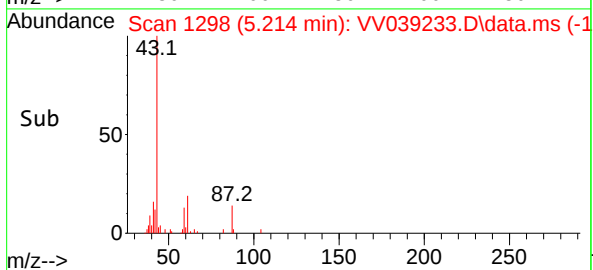
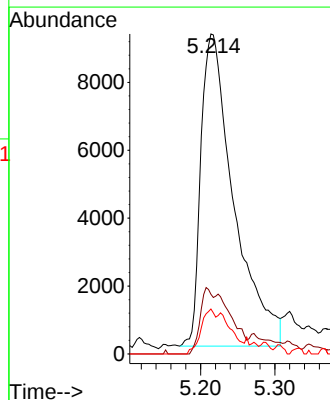
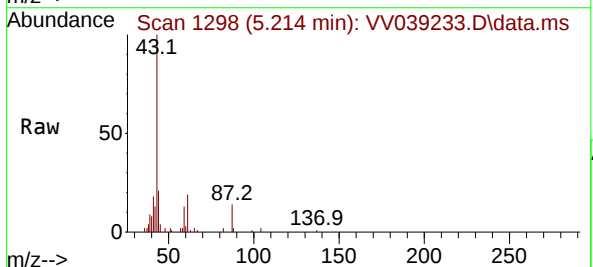
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 WC-1

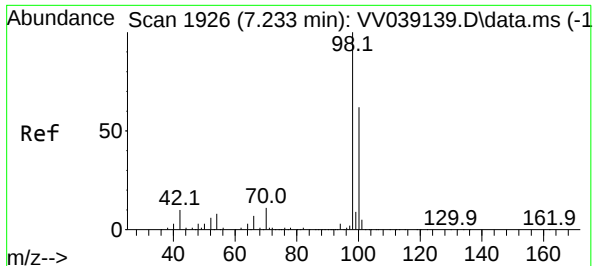
Tgt Ion:113 Resp: 405629
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 18.1 13.8 20.8



#43
 Isopropyl Acetate
 Concen: 1.429 ug/l
 RT: 5.214 min Scan# 1298
 Delta R.T. 0.026 min
 Lab File: VV039233.D
 Acq: 29 Sep 2025 15:45

Tgt Ion: 43 Resp: 28389
 Ion Ratio Lower Upper
 43 100
 61 8.2 15.9 23.9#
 87 6.2 11.0 16.6#





#50

Toluene-d8

Concen: 46.418 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039233.D

Acq: 29 Sep 2025 15:45

Instrument :

MSVOA_V

ClientSampleId :

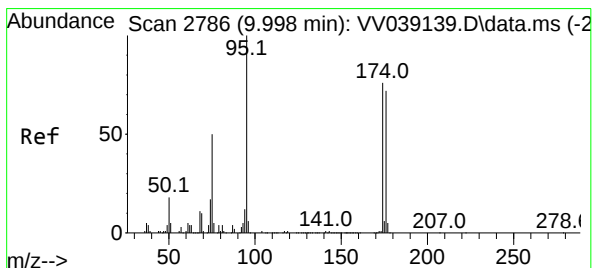
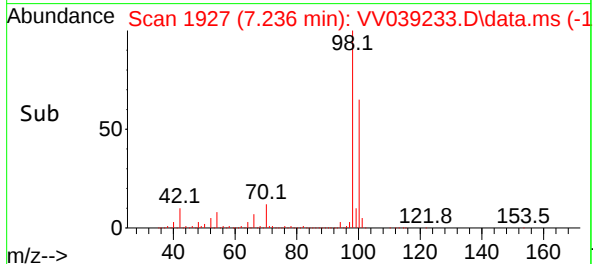
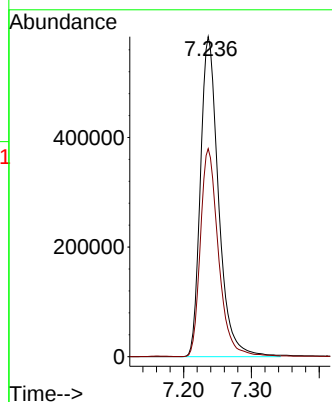
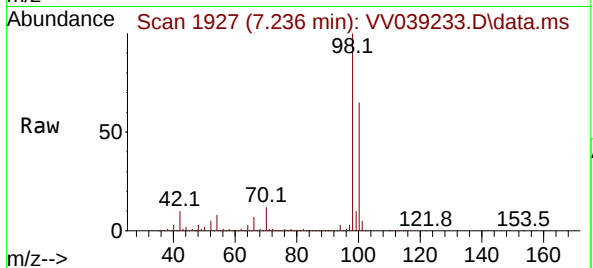
WC-1

Tgt Ion: 98 Resp: 1082968

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 41.933 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039233.D

Acq: 29 Sep 2025 15:45

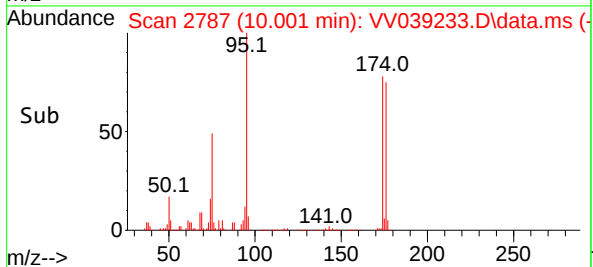
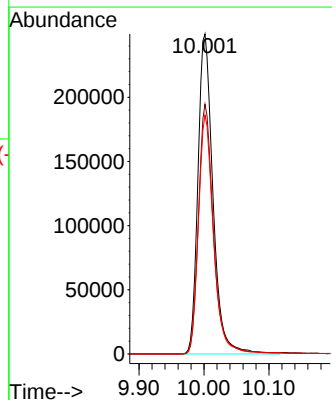
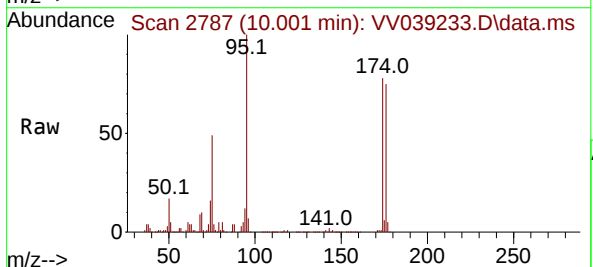
Tgt Ion: 95 Resp: 402759

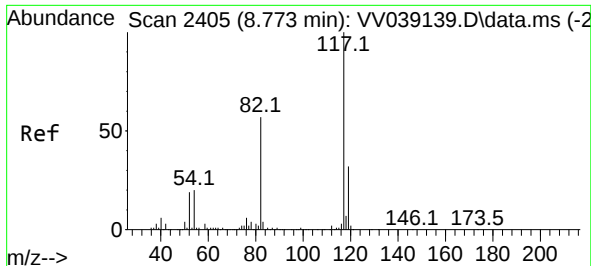
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

176 74.6 0.0 144.2

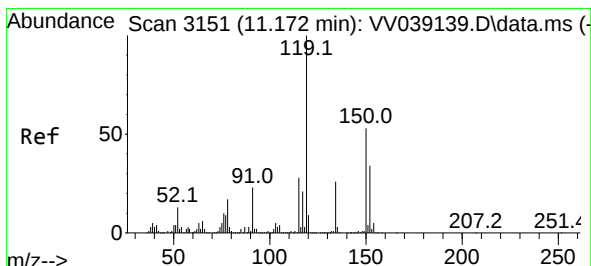
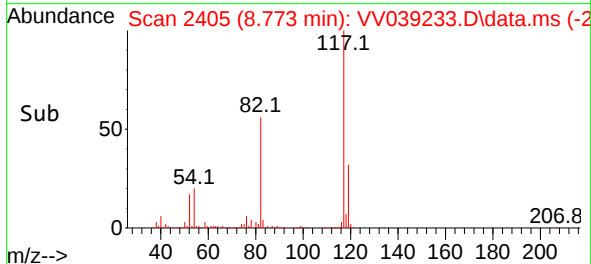
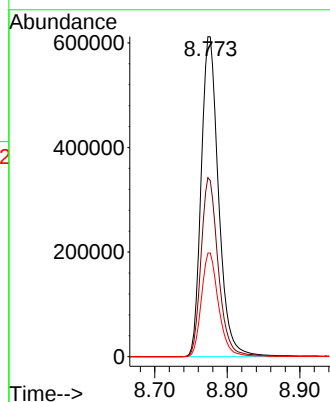
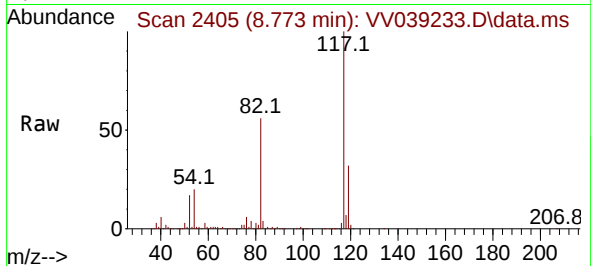




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039233.D
Acq: 29 Sep 2025 15:45

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:117 Resp: 1019460
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039233.D
Acq: 29 Sep 2025 15:45

Tgt Ion:152 Resp: 436334
Ion Ratio Lower Upper
152 100
115 60.9 44.8 134.4
150 156.9 0.0 353.8

