

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039161.D
 Acq On : 24 Sep 2025 18:30
 Operator : SY/MD
 Sample : Q3164-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA-2

Quant Time: Sep 25 08:21:49 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)

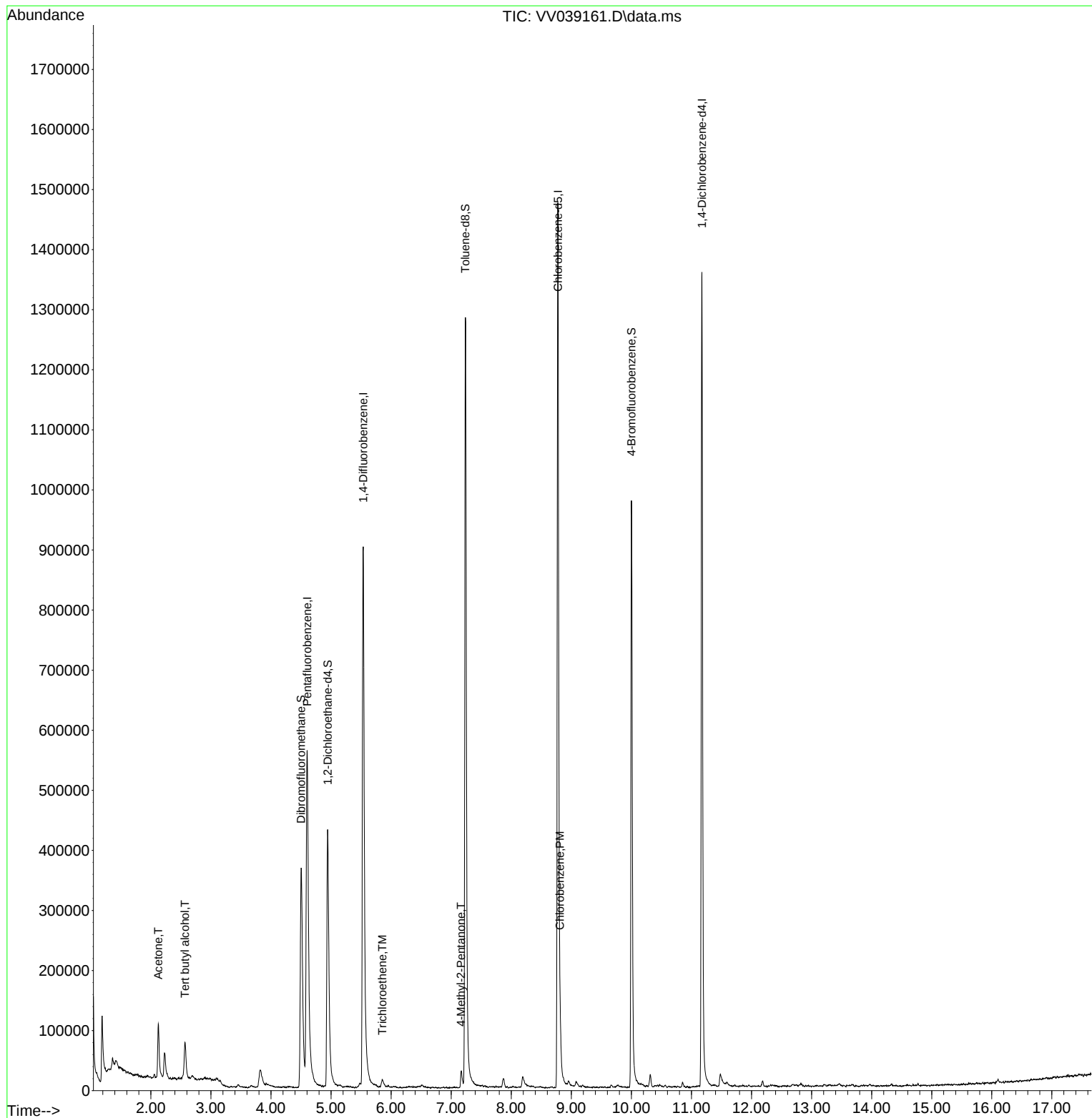
Internal Standards						
1) Pentafluorobenzene	4.603	168	478730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	883874	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	821619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	362379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	375112	54.139	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	108.280%
35) Dibromofluoromethane	4.503	113	311942	43.901	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	87.800%
50) Toluene-d8	7.236	98	945343	45.298	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.600%
62) 4-Bromofluorobenzene	10.001	95	341312	39.728	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	79.460%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.567	59	46602	31.823	ug/l #	82
16) Acetone	2.124	43	113854	21.152	ug/l	98
44) Trichloroethene	5.854	130	4057	0.503	ug/l	96
51) 4-Methyl-2-Pentanone	7.165	43	21019	1.798	ug/l	95
65) Chlorobenzene	8.808	112	61163	2.673	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039161.D
Acq On : 24 Sep 2025 18:30
Operator : SY/MD
Sample : Q3164-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA-2

Quant Time: Sep 25 08:21:49 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

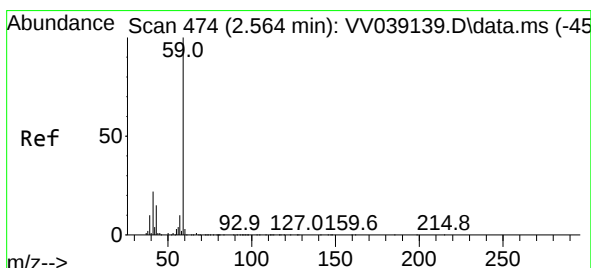
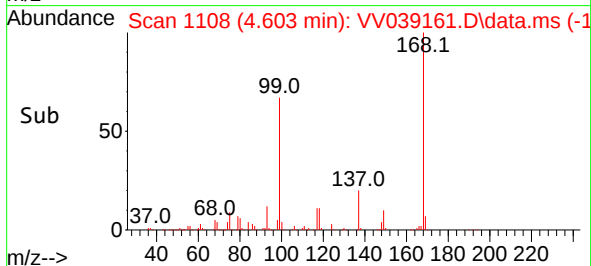
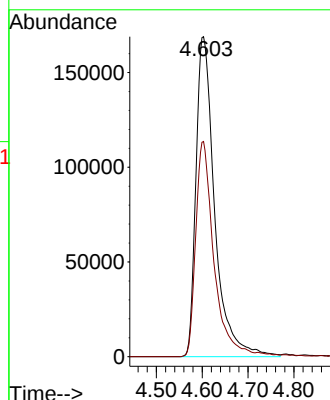
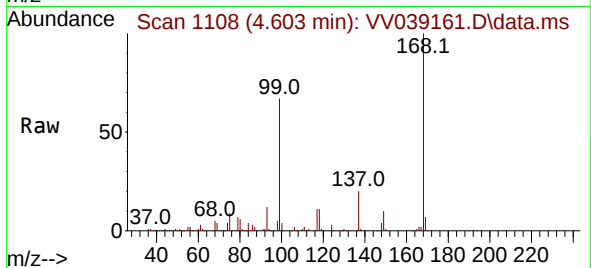




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039161.D
Acq: 24 Sep 2025 18:30

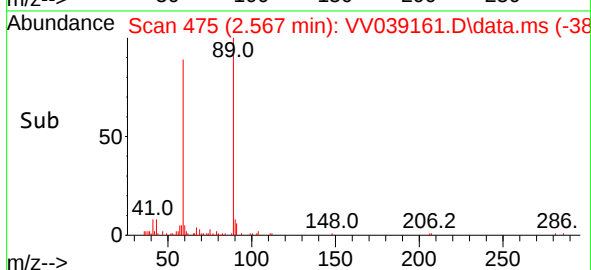
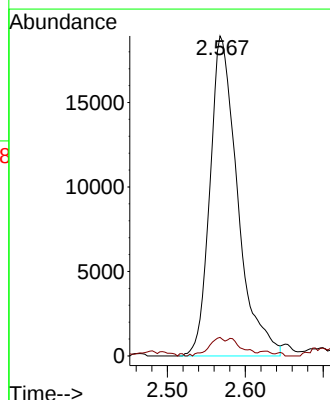
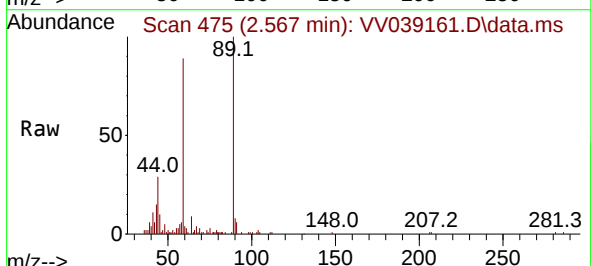
Instrument :
MSVOA_V
ClientSampleId :
DA-2

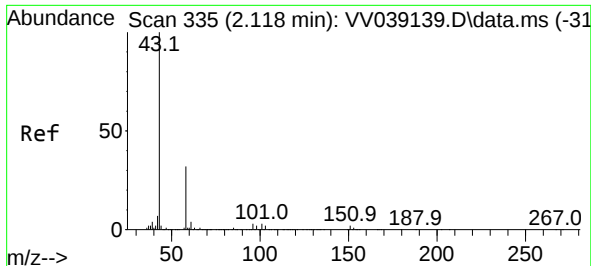
Tgt Ion:168 Resp: 478730
Ion Ratio Lower Upper
168 100
99 67.3 49.6 74.4



#11
Tert butyl alcohol
Concen: 31.823 ug/l
RT: 2.567 min Scan# 475
Delta R.T. 0.003 min
Lab File: VV039161.D
Acq: 24 Sep 2025 18:30

Tgt Ion: 59 Resp: 46602
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.8#

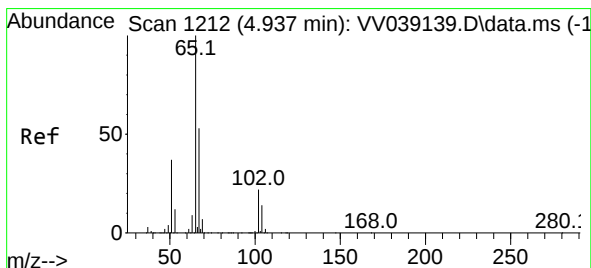
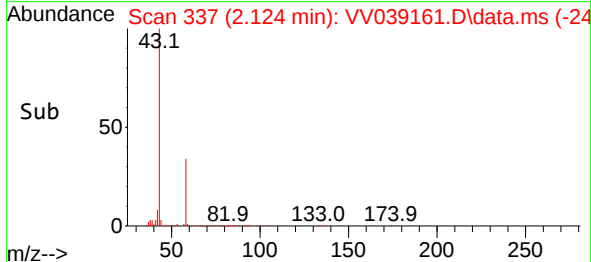
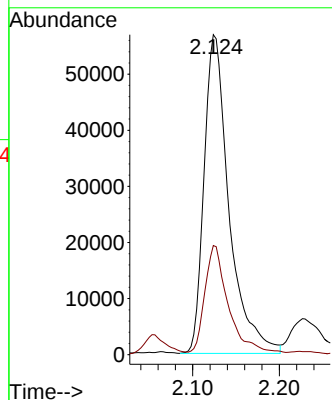
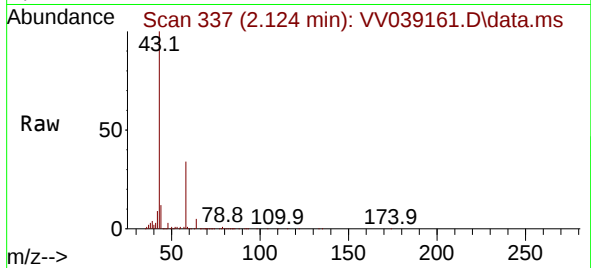




#16
Acetone
Concen: 21.152 ug/l
RT: 2.124 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039161.D
Acq: 24 Sep 2025 18:30

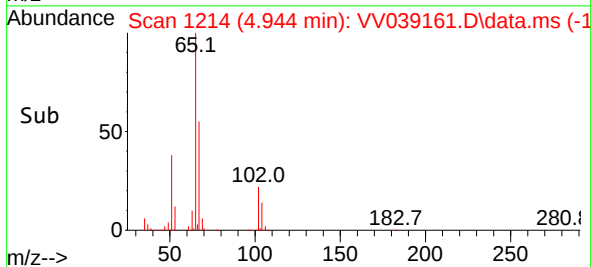
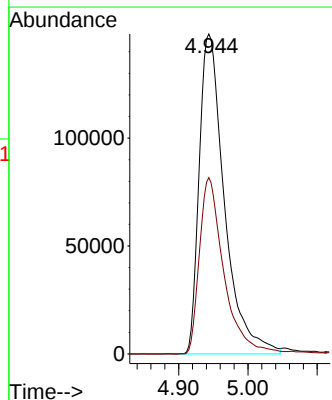
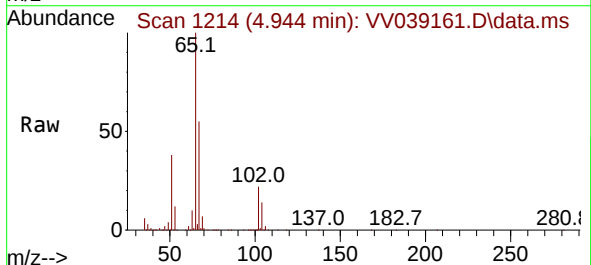
Instrument :
MSVOA_V
ClientSampleId :
DA-2

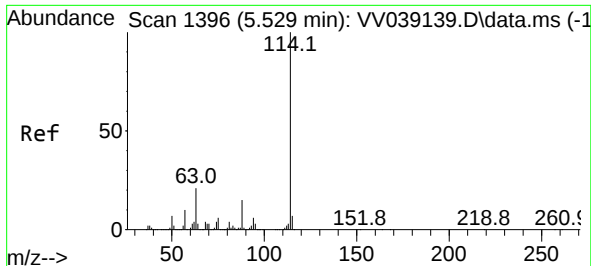
Tgt Ion: 43 Resp: 113854
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6



#33
1,2-Dichloroethane-d4
Concen: 54.139 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039161.D
Acq: 24 Sep 2025 18:30

Tgt Ion: 65 Resp: 375112
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039161.D

Acq: 24 Sep 2025 18:30

Instrument :

MSVOA_V

ClientSampleId :

DA-2

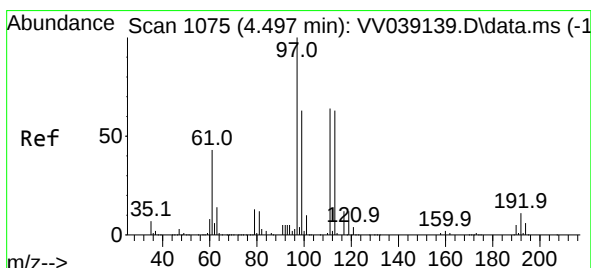
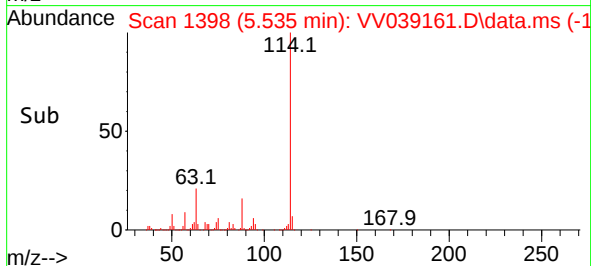
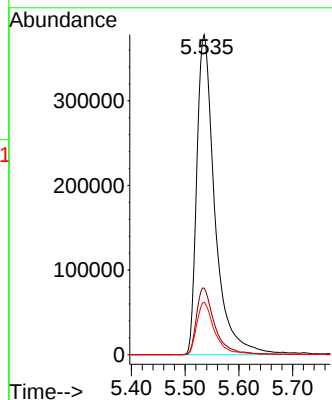
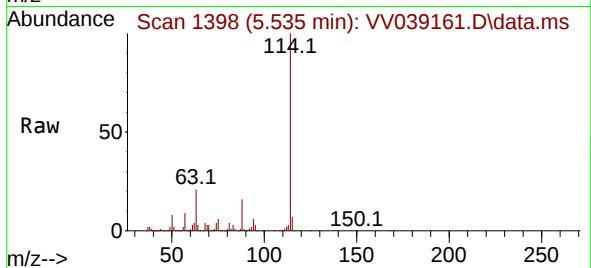
Tgt Ion:114 Resp: 883874

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 43.901 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039161.D

Acq: 24 Sep 2025 18:30

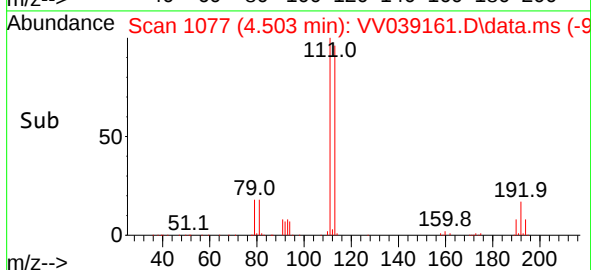
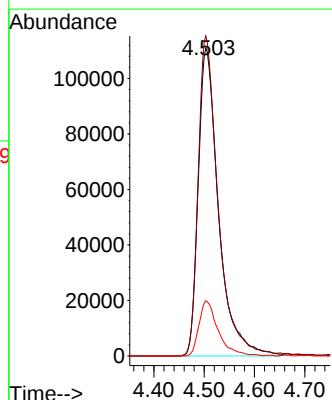
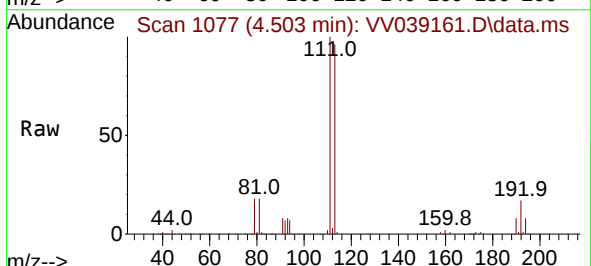
Tgt Ion:113 Resp: 311942

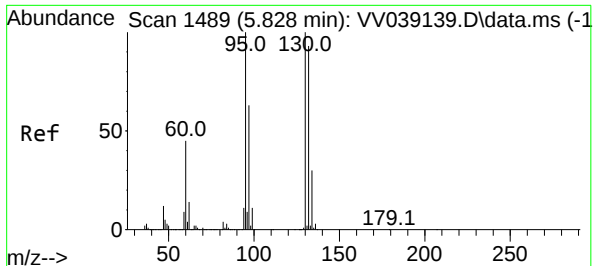
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 16.7 13.8 20.8





#44

Trichloroethene

Concen: 0.503 ug/l

RT: 5.854 min Scan# 1489

Delta R.T. 0.026 min

Lab File: VV039161.D

Acq: 24 Sep 2025 18:30

Instrument :

MSVOA_V

ClientSampleId :

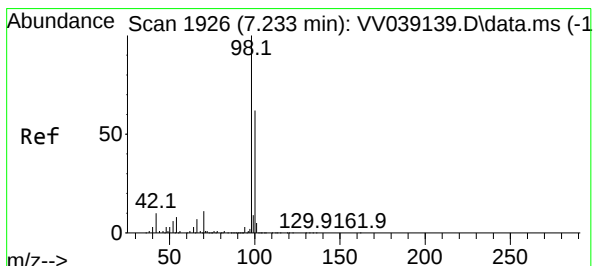
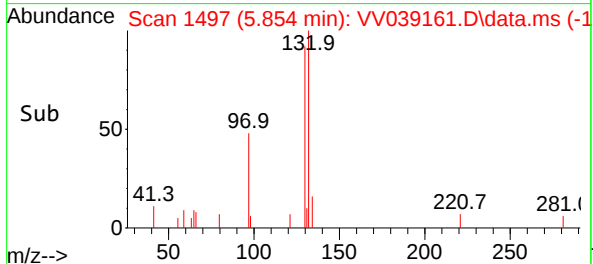
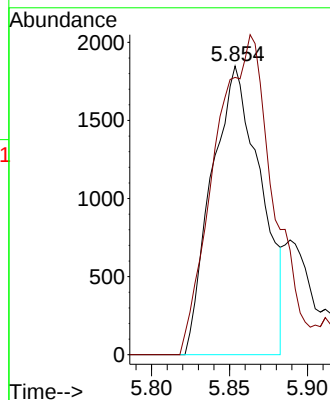
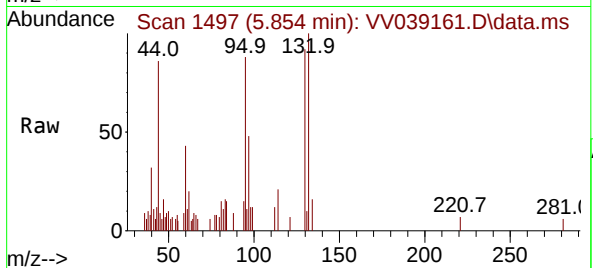
DA-2

Tgt Ion:130 Resp: 4057

Ion Ratio Lower Upper

130 100

95 96.1 0.0 199.2



#50

Toluene-d8

Concen: 45.298 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039161.D

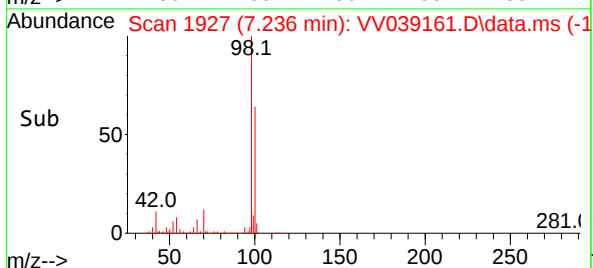
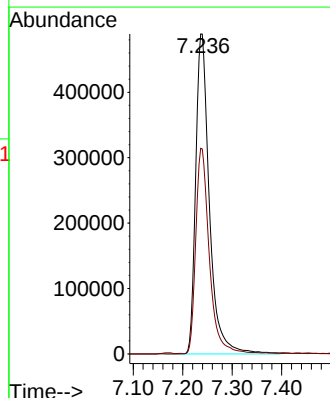
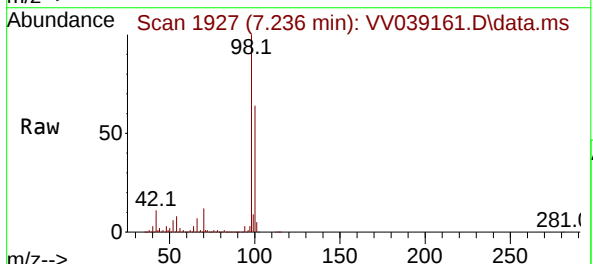
Acq: 24 Sep 2025 18:30

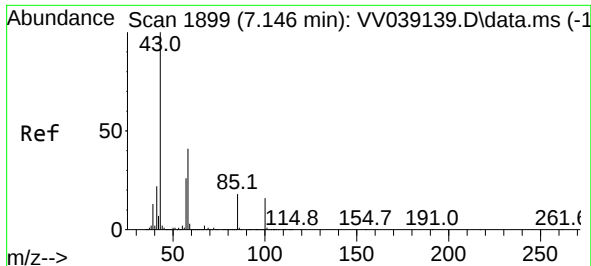
Tgt Ion: 98 Resp: 945343

Ion Ratio Lower Upper

98 100

100 63.2 52.2 78.2

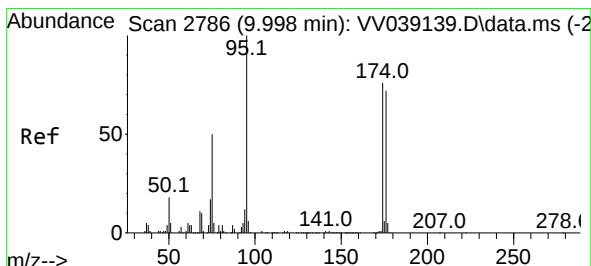
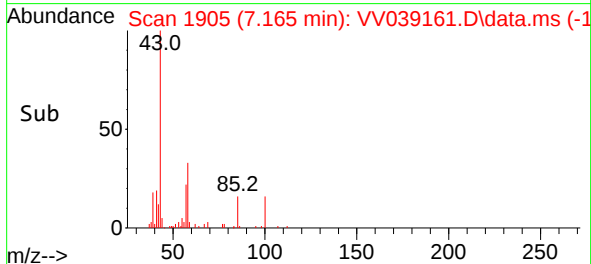
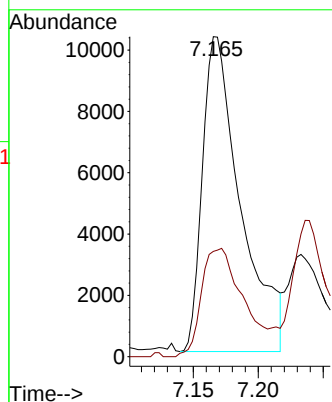
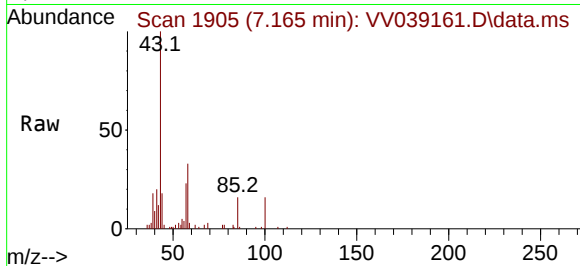




#51
4-Methyl-2-Pentanone
Concen: 1.798 ug/l
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039161.D
Acq: 24 Sep 2025 18:30

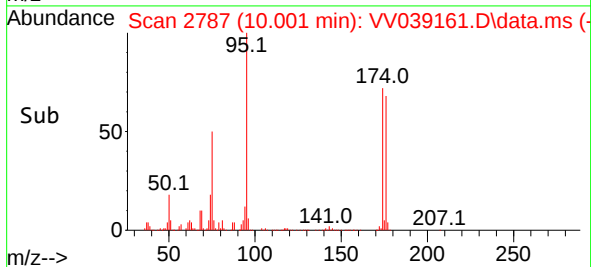
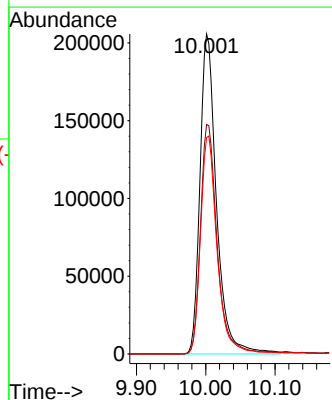
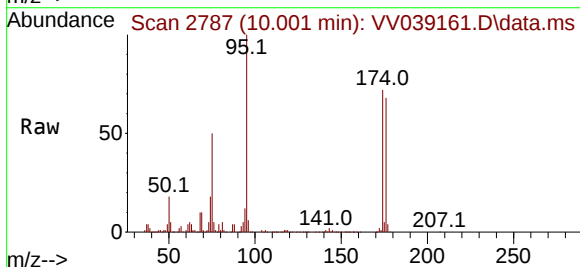
Instrument :
MSVOA_V
ClientSampleId :
DA-2

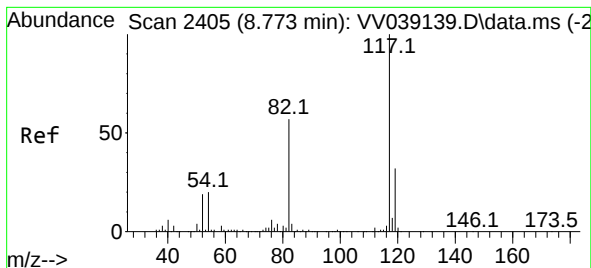
Tgt Ion: 43 Resp: 21019
Ion Ratio Lower Upper
43 100
58 37.3 32.3 48.5



#62
4-Bromofluorobenzene
Concen: 39.728 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039161.D
Acq: 24 Sep 2025 18:30

Tgt Ion: 95 Resp: 341312
Ion Ratio Lower Upper
95 100
174 72.2 0.0 150.4
176 68.5 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039161.D

Acq: 24 Sep 2025 18:30

Instrument :

MSVOA_V

ClientSampleId :

DA-2

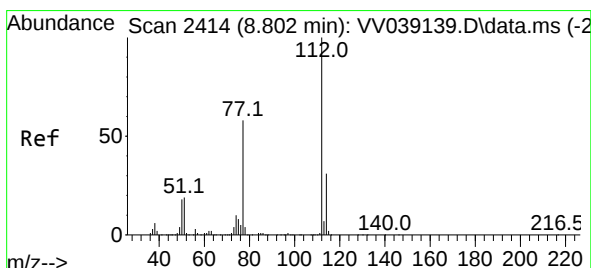
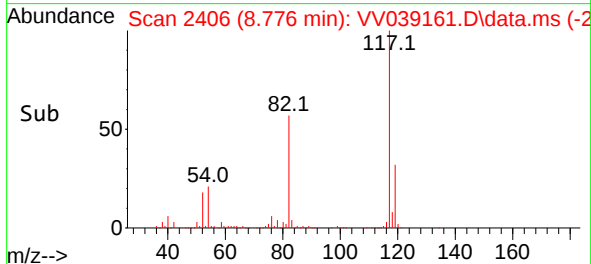
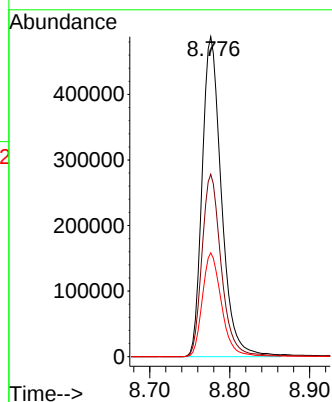
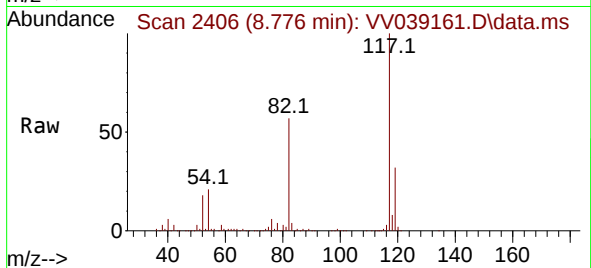
Tgt Ion:117 Resp: 821619

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.2

119 32.4 25.6 38.4



#65

Chlorobenzene

Concen: 2.673 ug/l

RT: 8.808 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV039161.D

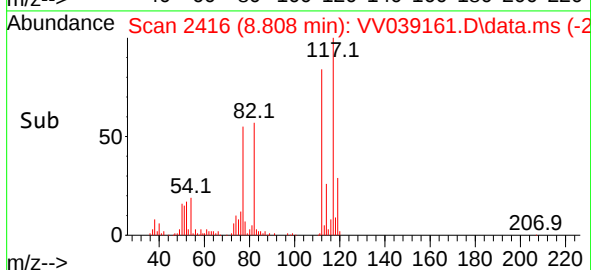
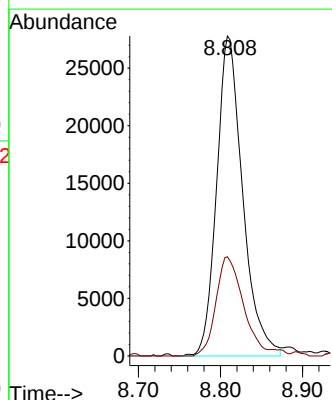
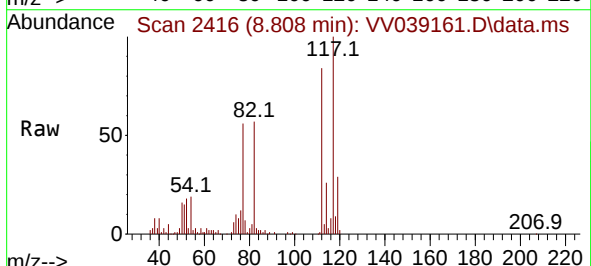
Acq: 24 Sep 2025 18:30

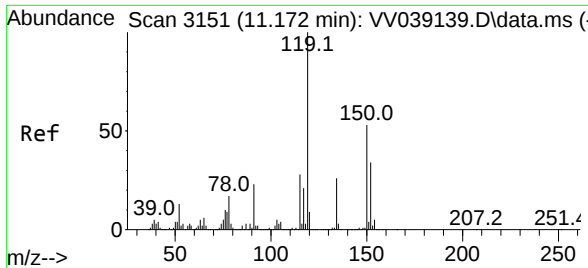
Tgt Ion:112 Resp: 61163

Ion Ratio Lower Upper

112 100

114 31.0 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VV039161.D
 Acq: 24 Sep 2025 18:30

Instrument :
 MSVOA_V
 ClientSampleId :
 DA-2

Tgt Ion:	152	Resp:	362379
Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.8	134.4
150	156.6	0.0	353.8

