

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039160.D
 Acq On : 24 Sep 2025 18:07
 Operator : SY/MD
 Sample : Q3164-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA-1

Quant Time: Sep 25 08:21:14 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)

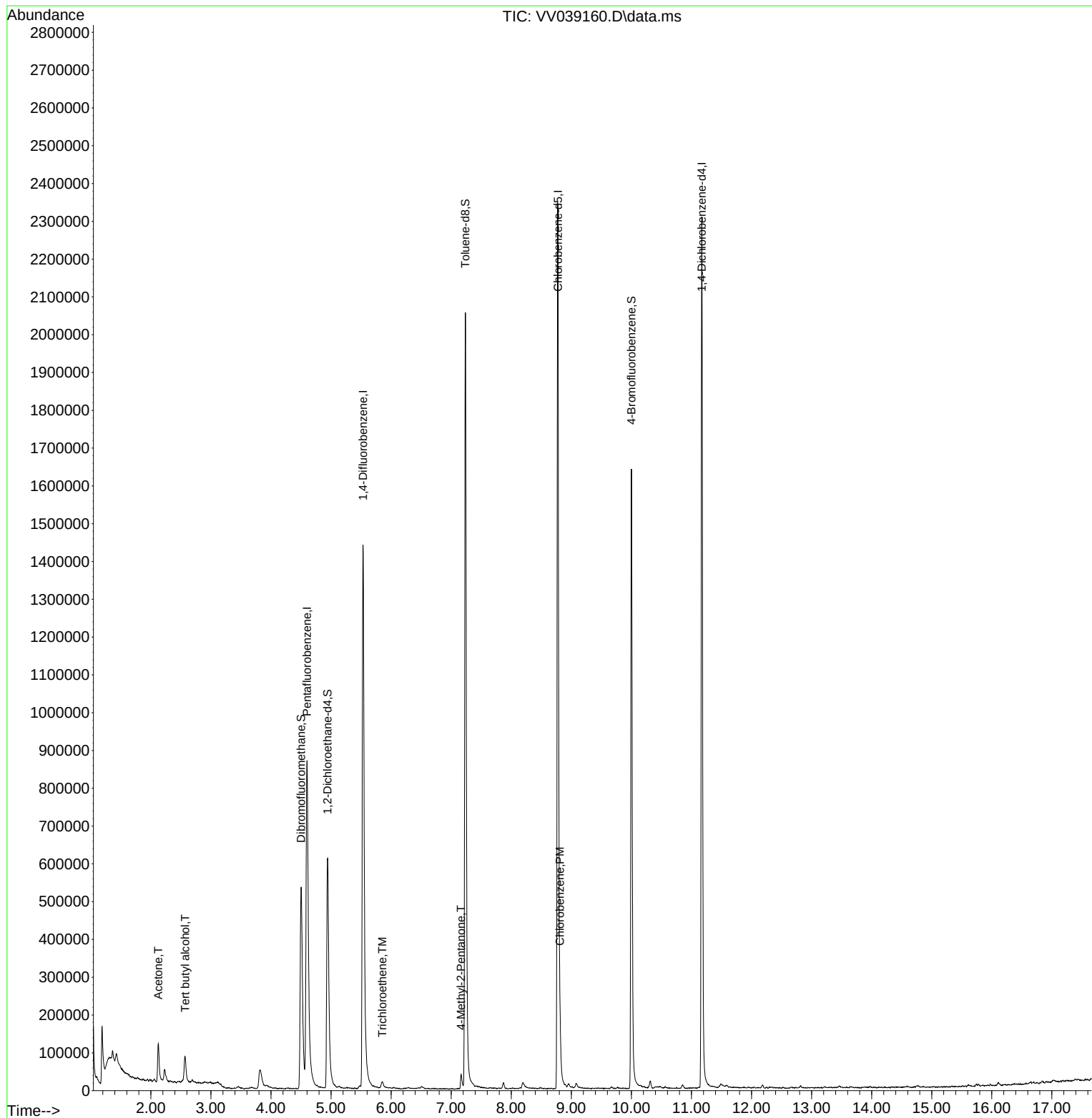
Internal Standards						
1) Pentafluorobenzene	4.600	168	739770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1401751	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1290012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	589916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	560410	52.342	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	104.680%
35) Dibromofluoromethane	4.503	113	451140	40.034	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	80.060%
50) Toluene-d8	7.236	98	1463568	44.221	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.440%#
62) 4-Bromofluorobenzene	10.001	95	554931	40.728	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	81.460%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.571	59	42660	18.852	ug/l #	83
16) Acetone	2.124	43	125333	13.774	ug/l	97
44) Trichloroethene	5.854	130	6464	0.505	ug/l	97
51) 4-Methyl-2-Pentanone	7.165	43	24301	1.310	ug/l	98
65) Chlorobenzene	8.808	112	97239	2.706	ug/l	97

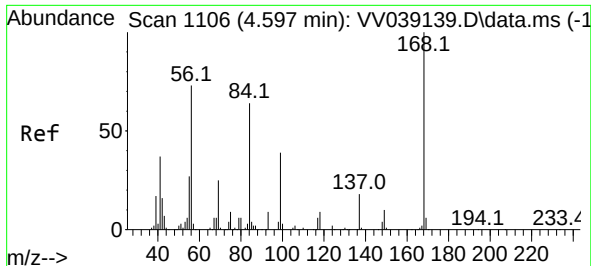
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039160.D
Acq On : 24 Sep 2025 18:07
Operator : SY/MD
Sample : Q3164-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DA-1

Quant Time: Sep 25 08:21:14 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

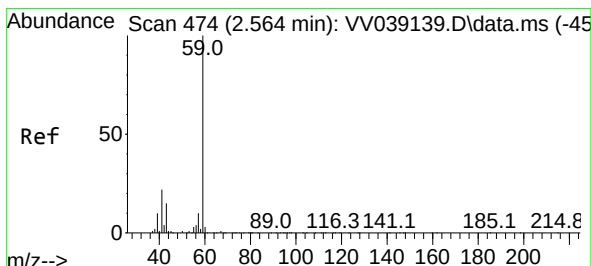
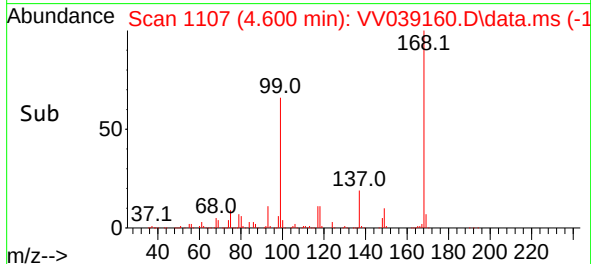
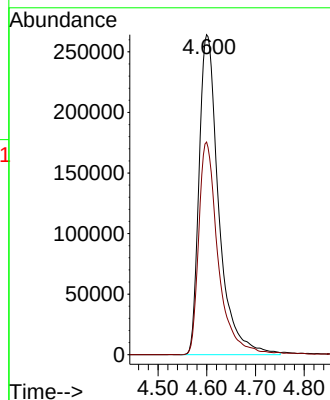
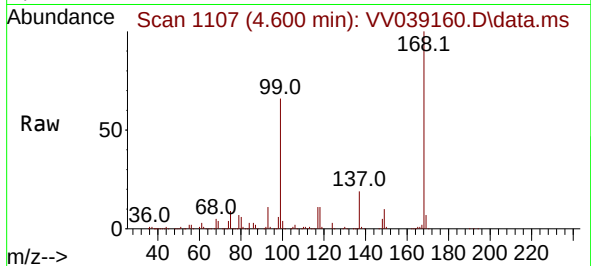




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039160.D
Acq: 24 Sep 2025 18:07

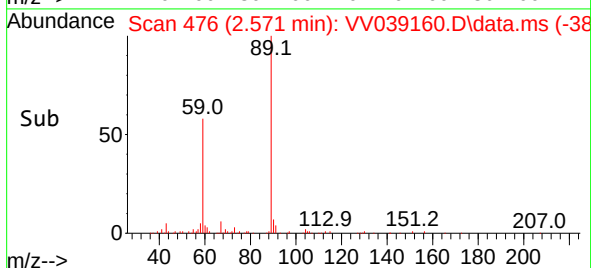
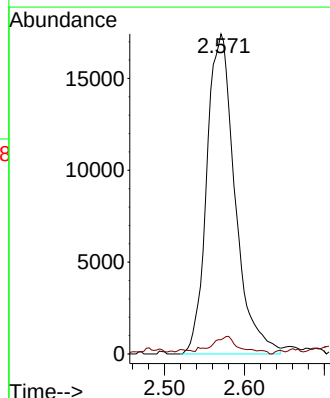
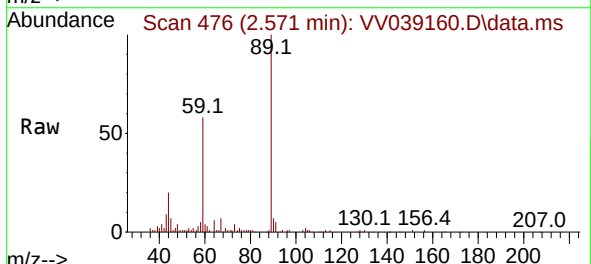
Instrument :
MSVOA_V
ClientSampleId :
DA-1

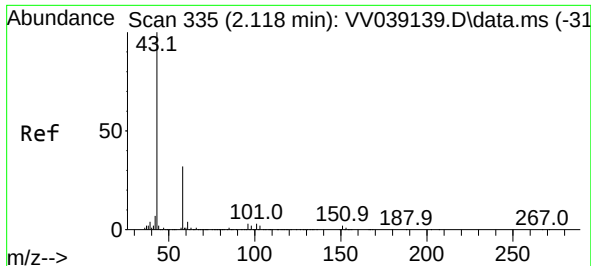
Tgt Ion:168 Resp: 739770
Ion Ratio Lower Upper
168 100
99 66.5 49.6 74.4



#11
Tert butyl alcohol
Concen: 18.852 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039160.D
Acq: 24 Sep 2025 18:07

Tgt Ion: 59 Resp: 42660
Ion Ratio Lower Upper
59 100
57 3.4 7.8 11.8#

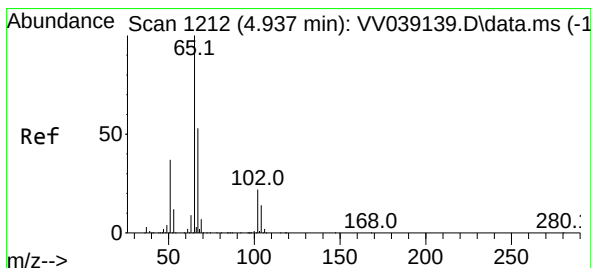
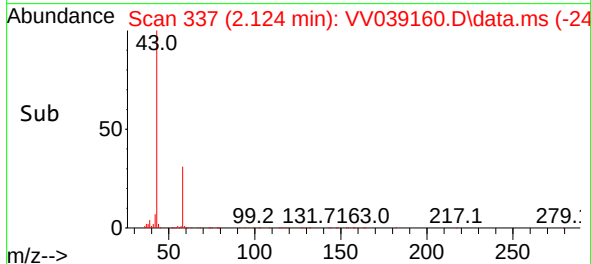
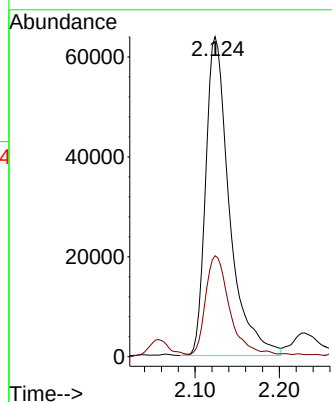
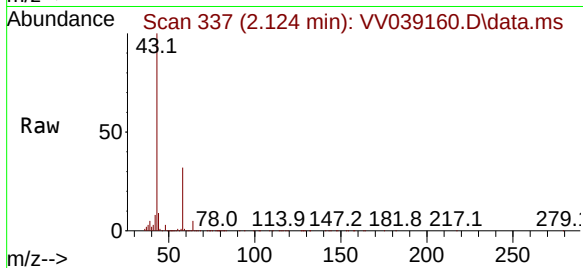




#16
Acetone
Concen: 13.774 ug/l
RT: 2.124 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039160.D
Acq: 24 Sep 2025 18:07

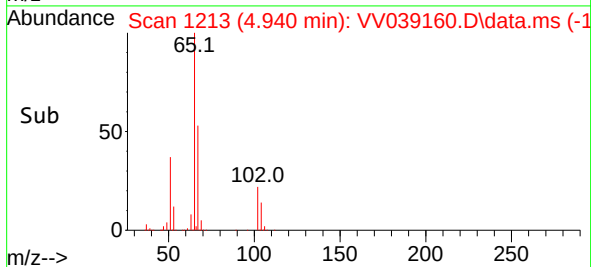
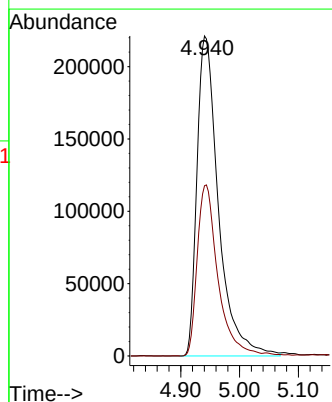
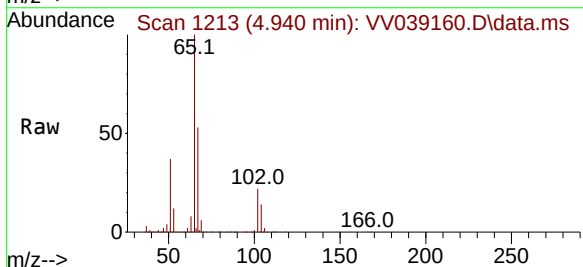
Instrument :
MSVOA_V
ClientSampleId :
DA-1

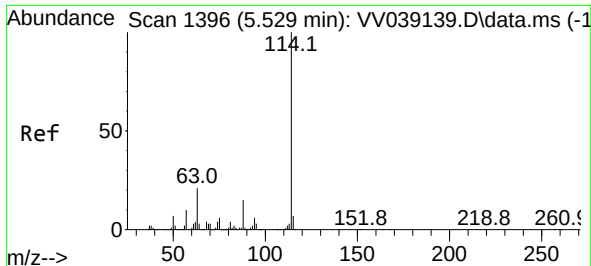
Tgt Ion: 43 Resp: 125333
Ion Ratio Lower Upper
43 100
58 30.8 25.8 38.6



#33
1,2-Dichloroethane-d4
Concen: 52.342 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039160.D
Acq: 24 Sep 2025 18:07

Tgt Ion: 65 Resp: 560410
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039160.D

Acq: 24 Sep 2025 18:07

Instrument :

MSVOA_V

ClientSampleId :

DA-1

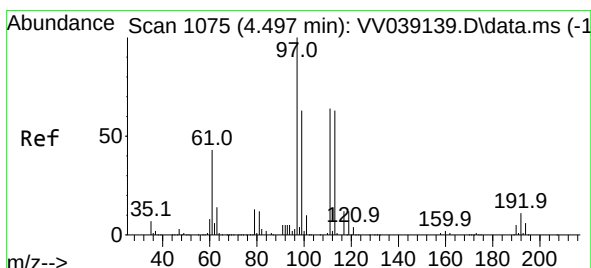
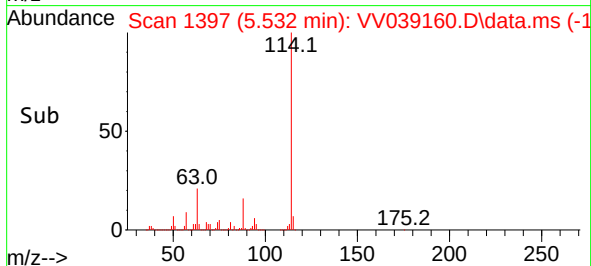
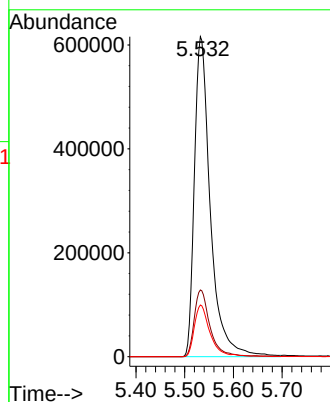
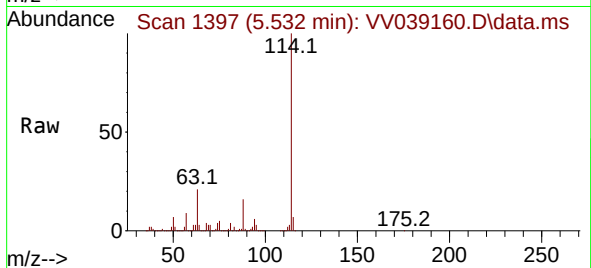
Tgt Ion:114 Resp: 1401751

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 40.034 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039160.D

Acq: 24 Sep 2025 18:07

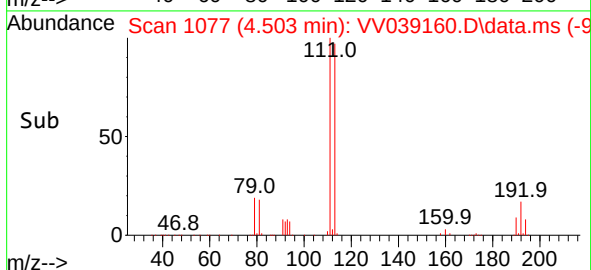
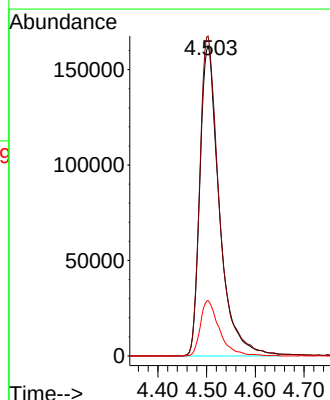
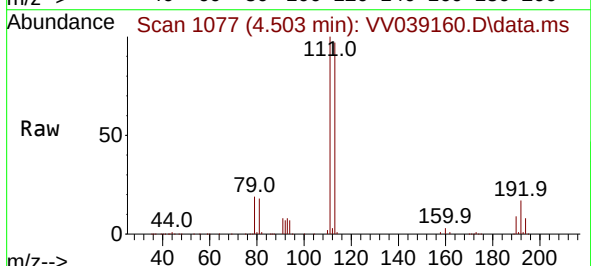
Tgt Ion:113 Resp: 451140

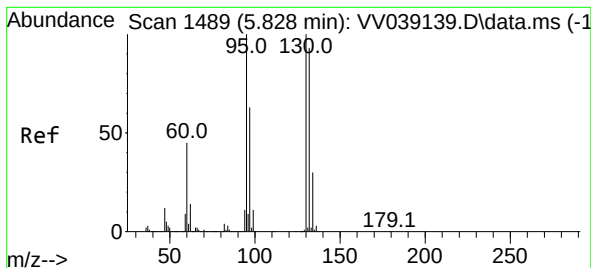
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 17.2 13.8 20.8





#44

Trichloroethene

Concen: 0.505 ug/l

RT: 5.854 min Scan# 1489

Delta R.T. 0.026 min

Lab File: VV039160.D

Acq: 24 Sep 2025 18:07

Instrument :

MSVOA_V

ClientSampleId :

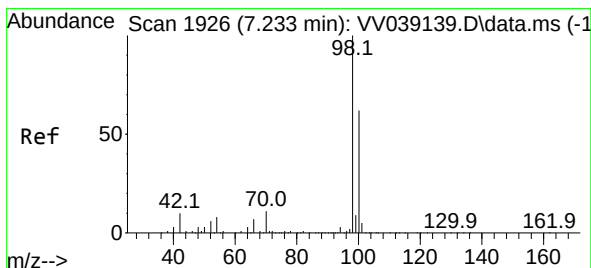
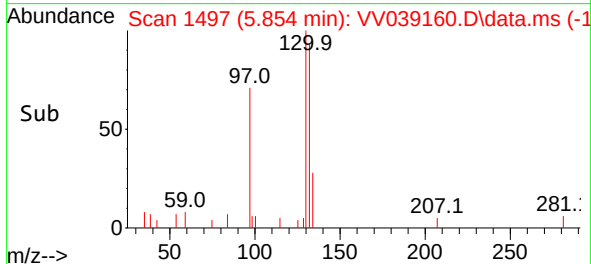
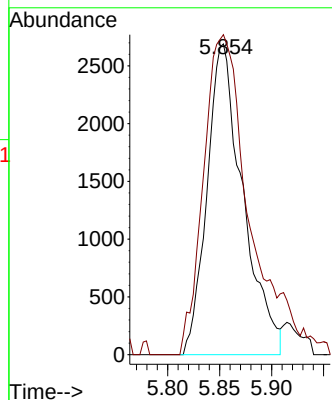
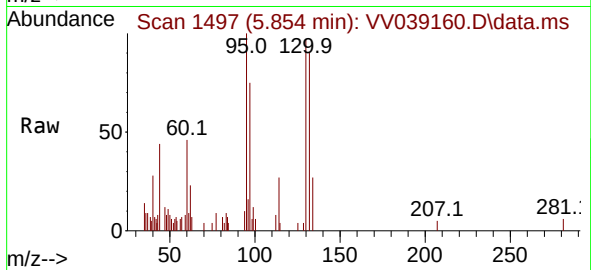
DA-1

Tgt Ion:130 Resp: 6464

Ion Ratio Lower Upper

130 100

95 103.0 0.0 199.2



#50

Toluene-d8

Concen: 44.221 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039160.D

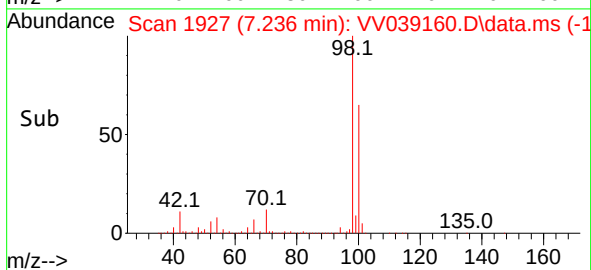
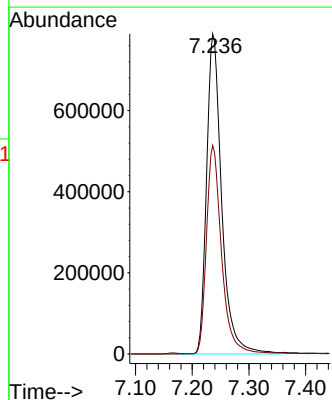
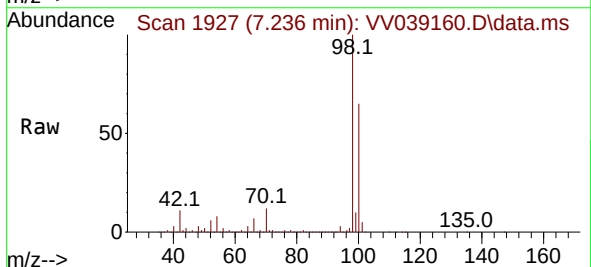
Acq: 24 Sep 2025 18:07

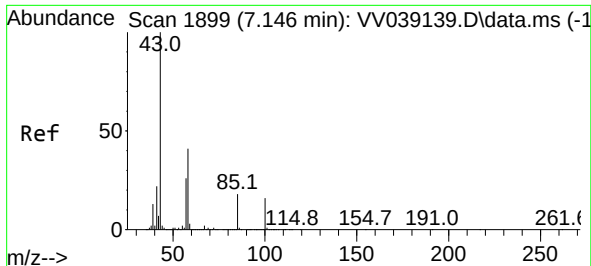
Tgt Ion: 98 Resp: 1463568

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

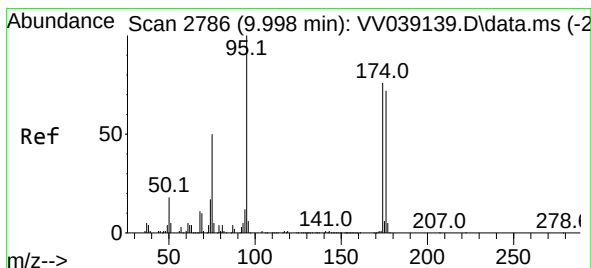
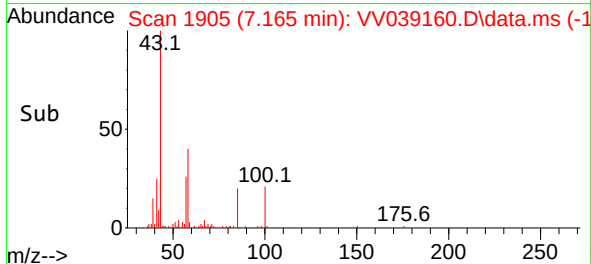
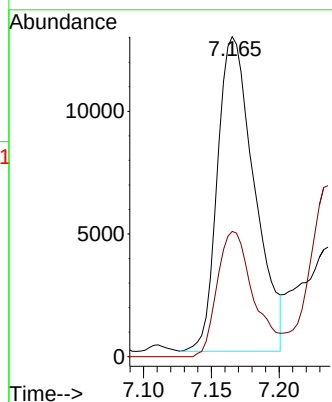
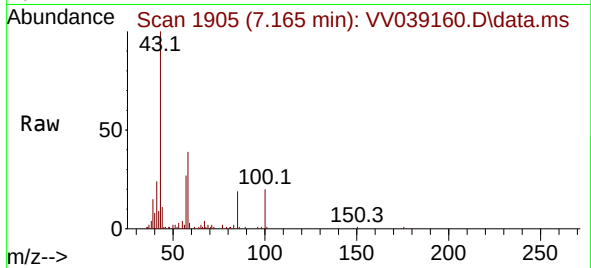




#51
 4-Methyl-2-Pentanone
 Concen: 1.310 ug/l
 RT: 7.165 min Scan# 1905
 Delta R.T. 0.019 min
 Lab File: VV039160.D
 Acq: 24 Sep 2025 18:07

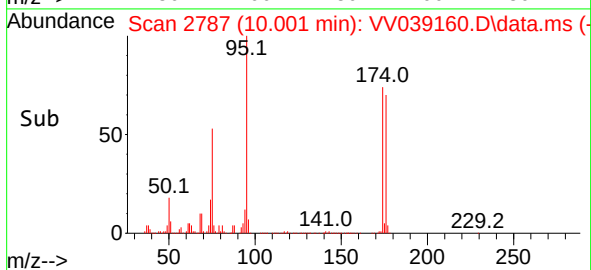
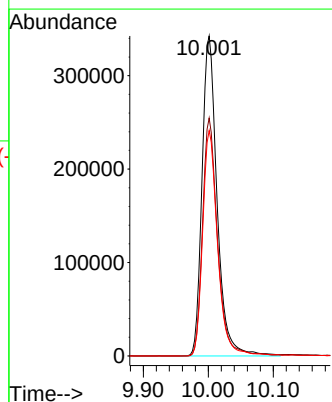
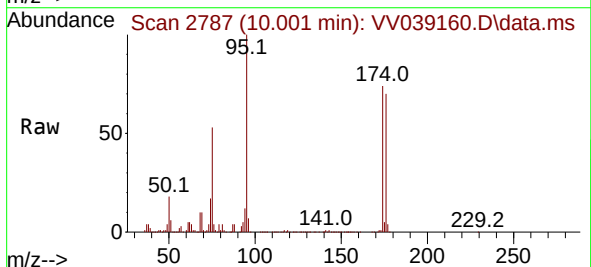
Instrument :
 MSVOA_V
 ClientSampleId :
 DA-1

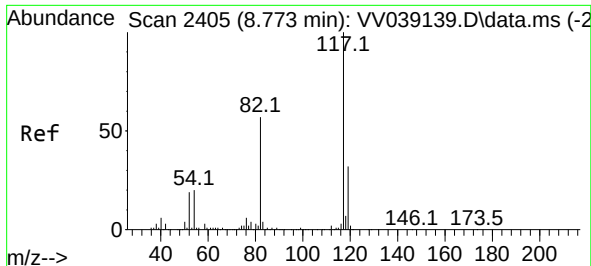
Tgt Ion: 43 Resp: 24301
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.3 48.5



#62
 4-Bromofluorobenzene
 Concen: 40.728 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.003 min
 Lab File: VV039160.D
 Acq: 24 Sep 2025 18:07

Tgt Ion: 95 Resp: 554931
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 150.4
 176 70.1 0.0 144.2

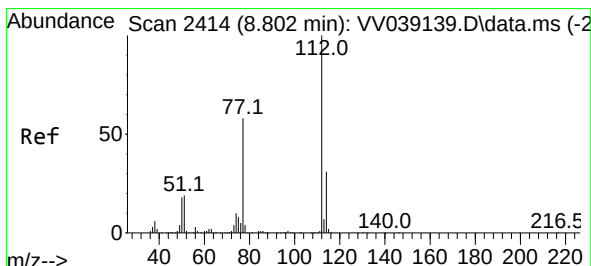
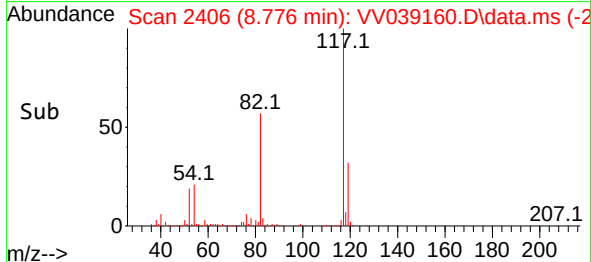
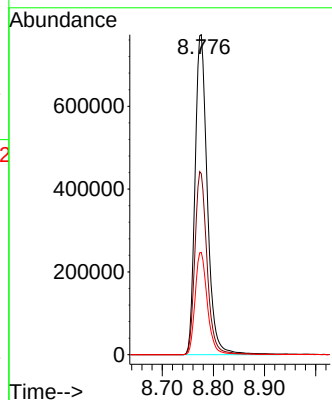
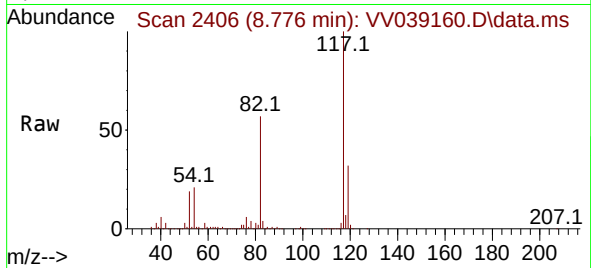




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039160.D
Acq: 24 Sep 2025 18:07

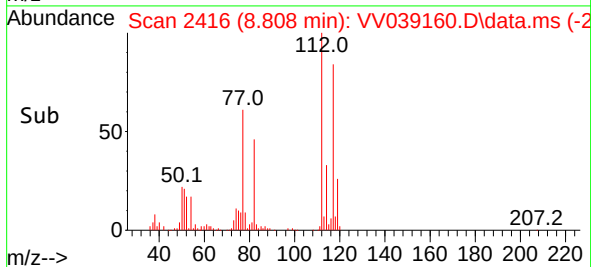
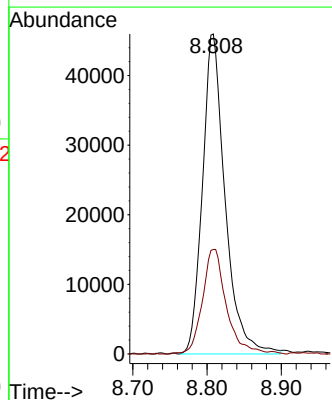
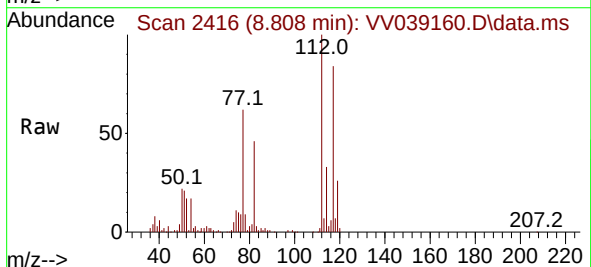
Instrument :
MSVOA_V
ClientSampleId :
DA-1

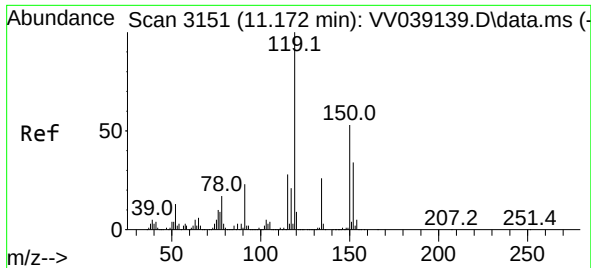
Tgt Ion:117 Resp: 1290012
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.0 25.6 38.4



#65
Chlorobenzene
Concen: 2.706 ug/l
RT: 8.808 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV039160.D
Acq: 24 Sep 2025 18:07

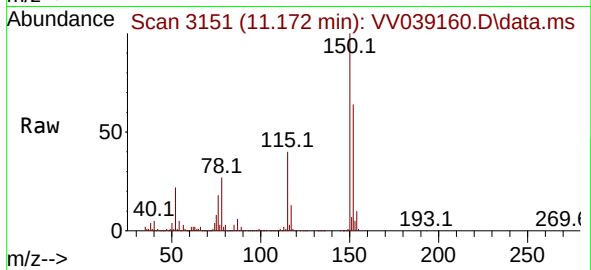
Tgt Ion:112 Resp: 97239
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV039160.D
 Acq: 24 Sep 2025 18:07

Instrument :
 MSVOA_V
 ClientSampleId :
 DA-1



Tgt Ion:	152	Resp:	589916
Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.8	134.4
150	157.5	0.0	353.8

