

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039195.D
 Acq On : 25 Sep 2025 20:25
 Operator : SY/MD
 Sample : Q3195-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-24-091925

Quant Time: Sep 26 01:39:16 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)

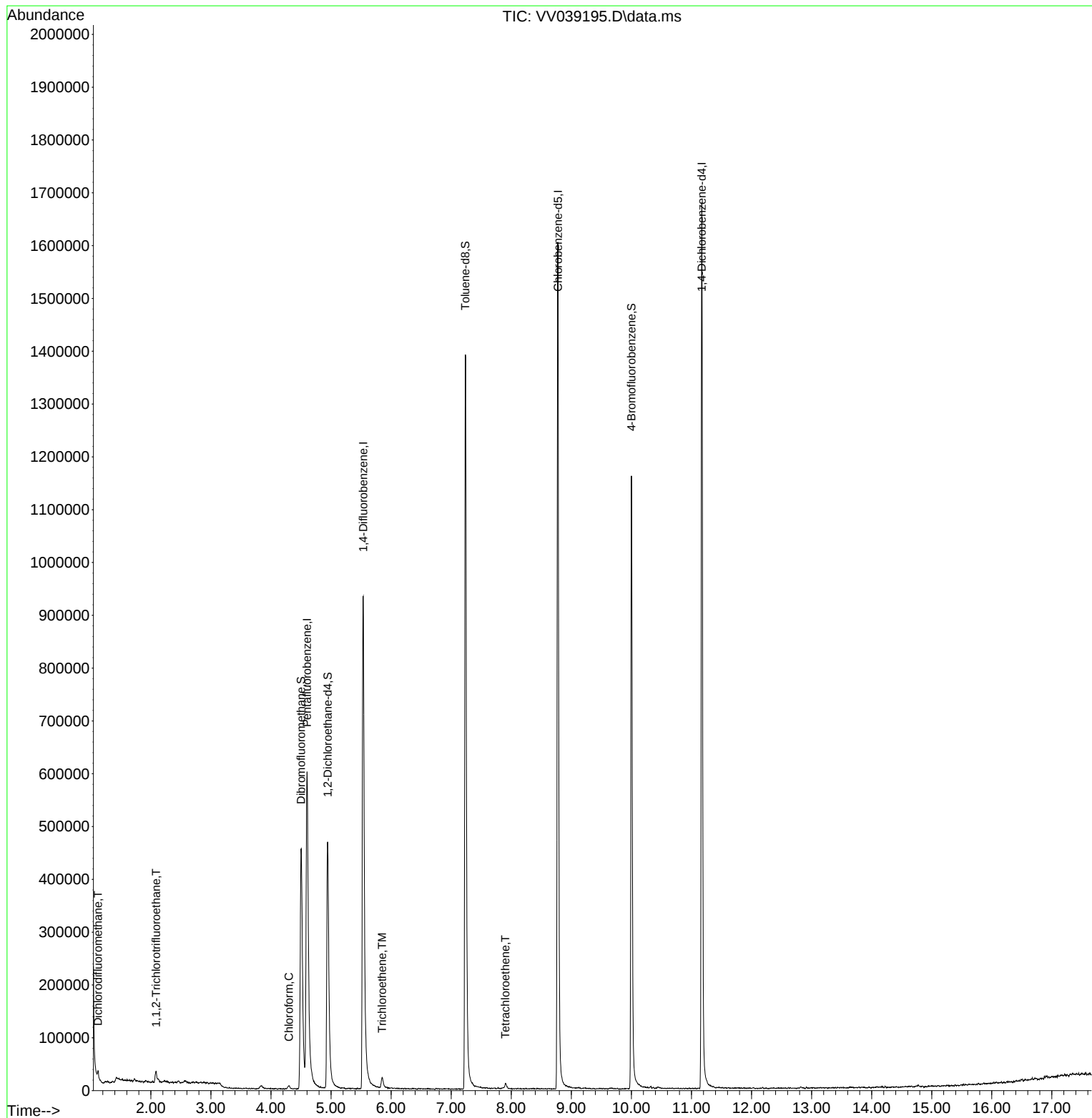
Internal Standards						
1) Pentafluorobenzene	4.600	168	515327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	928629	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	925762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	442595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	414441	55.568	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	111.140%
35) Dibromofluoromethane	4.503	113	384300	51.477	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.960%
50) Toluene-d8	7.236	98	1012096	46.160	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.320%
62) 4-Bromofluorobenzene	10.002	95	401201	44.448	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	88.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	9372	1.149	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.089	101	8698	1.077	ug/l	99
30) Chloroform	4.298	83	5926	0.349	ug/l #	83
44) Trichloroethene	5.851	130	8633	1.018	ug/l	92
64) Tetrachloroethene	7.902	164	2650	0.342	ug/l #	79

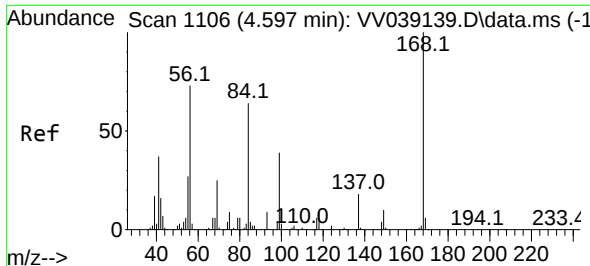
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039195.D
Acq On : 25 Sep 2025 20:25
Operator : SY/MD
Sample : Q3195-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-24-091925

Quant Time: Sep 26 01:39:16 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

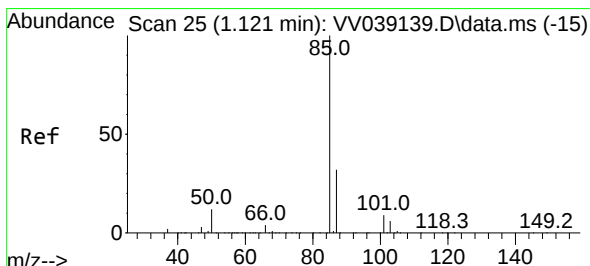
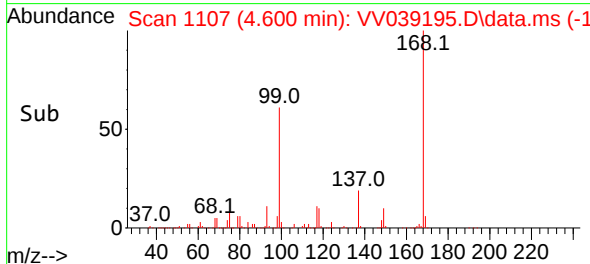
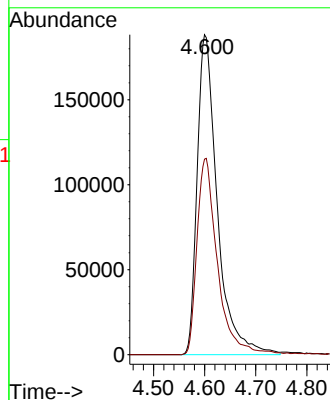
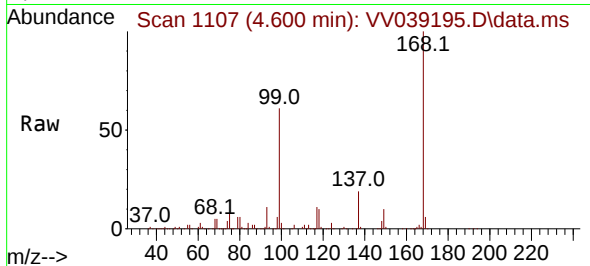




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

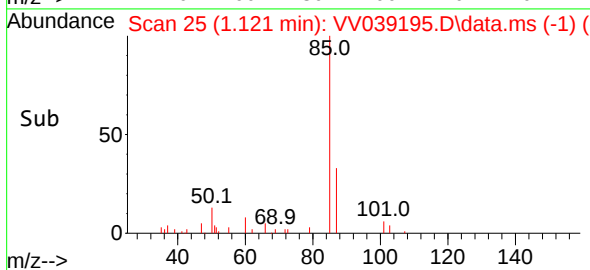
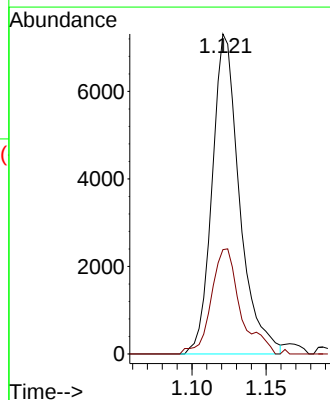
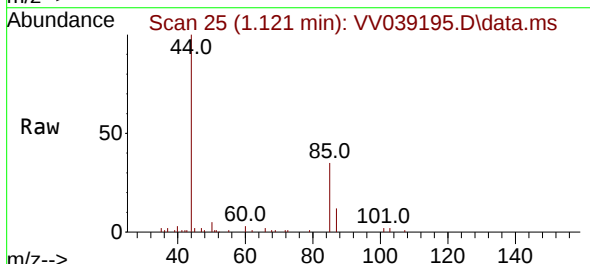
Instrument :
MSVOA_V
ClientSampleId :
MW-24-091925

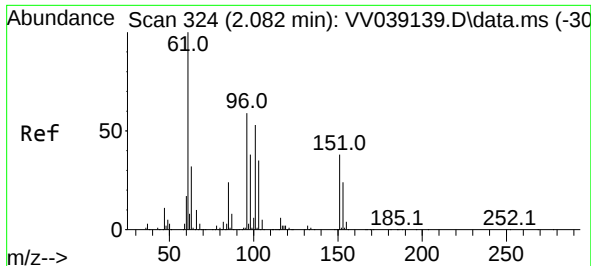
Tgt Ion:168 Resp: 515327
Ion Ratio Lower Upper
168 100
99 61.1 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 1.149 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

Tgt Ion: 85 Resp: 9372
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9

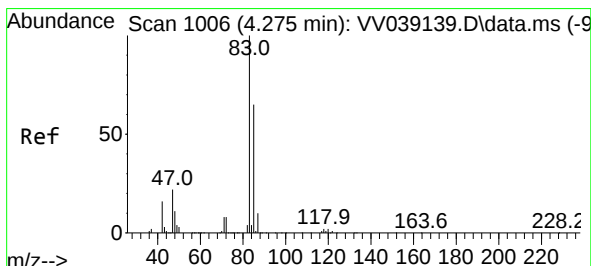
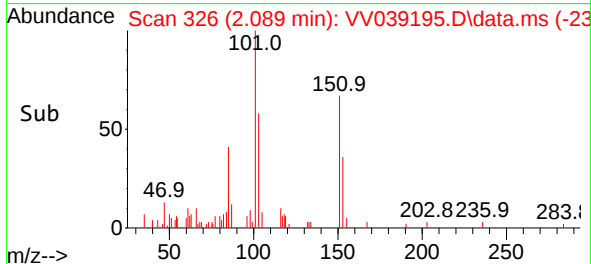
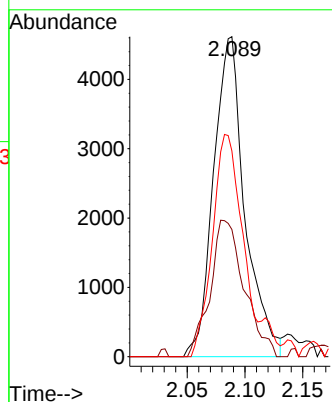
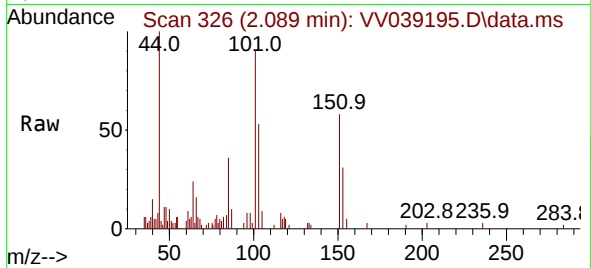




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.077 ug/l
RT: 2.089 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

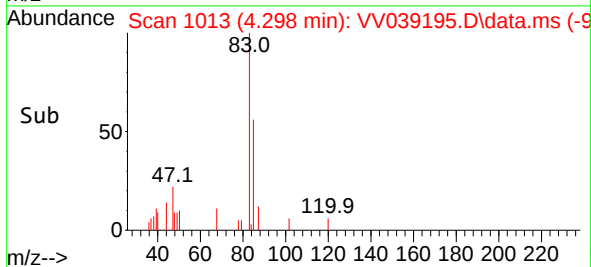
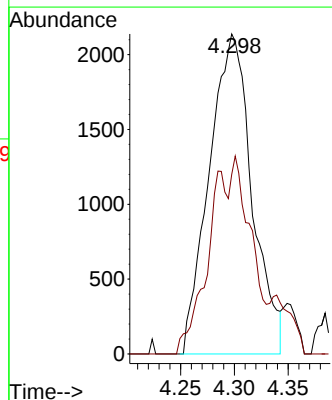
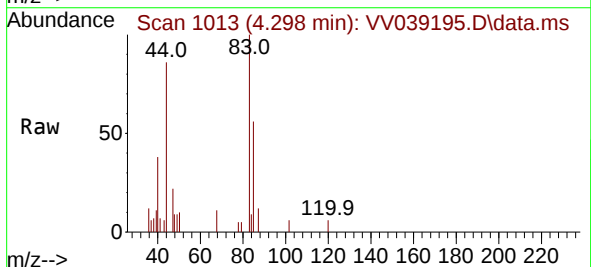
Instrument :
MSVOA_V
ClientSampleId :
MW-24-091925

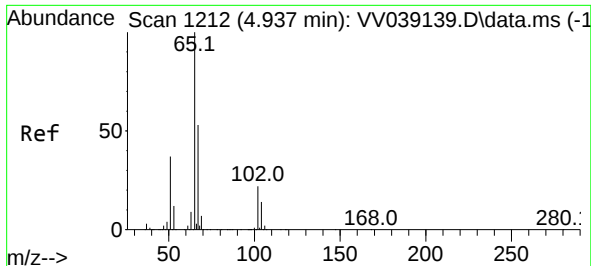
Tgt Ion:101 Resp: 8698
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.2
151 70.7 56.3 84.5



#30
Chloroform
Concen: 0.349 ug/l
RT: 4.298 min Scan# 1013
Delta R.T. 0.023 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

Tgt Ion: 83 Resp: 5926
Ion Ratio Lower Upper
83 100
85 51.3 52.1 78.1#





#33

1,2-Dichloroethane-d4

Concen: 55.568 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039195.D

Acq: 25 Sep 2025 20:25

Instrument :

MSVOA_V

ClientSampleId :

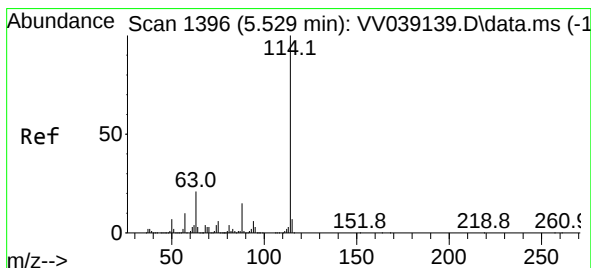
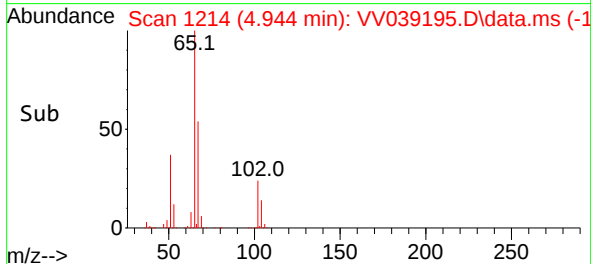
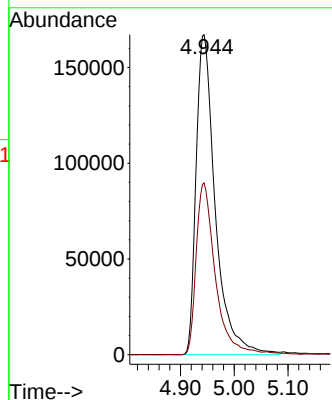
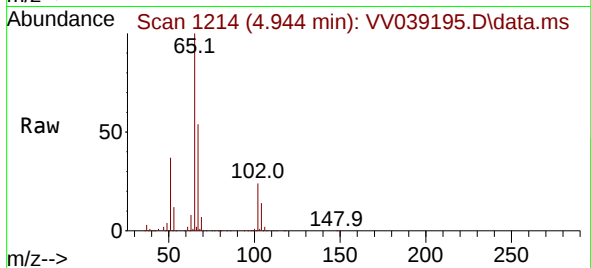
MW-24-091925

Tgt Ion: 65 Resp: 414441

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039195.D

Acq: 25 Sep 2025 20:25

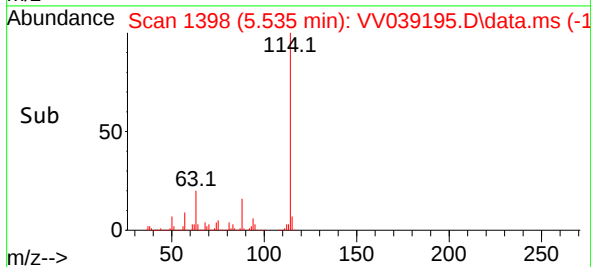
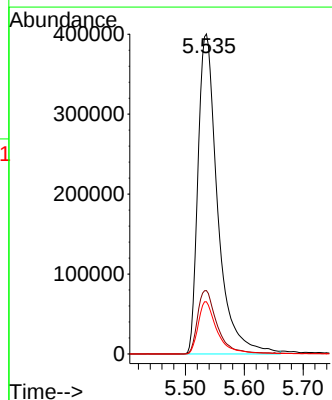
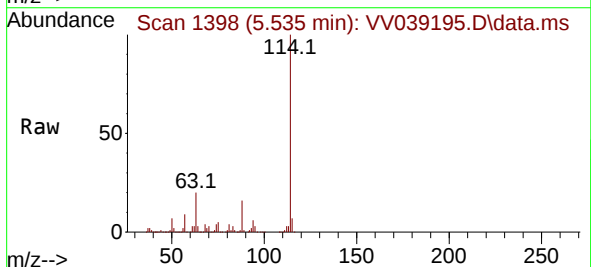
Tgt Ion: 114 Resp: 928629

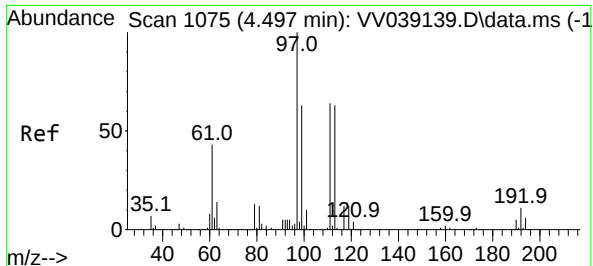
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 16.3 0.0 30.8

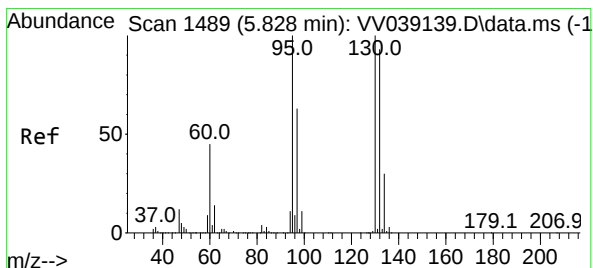
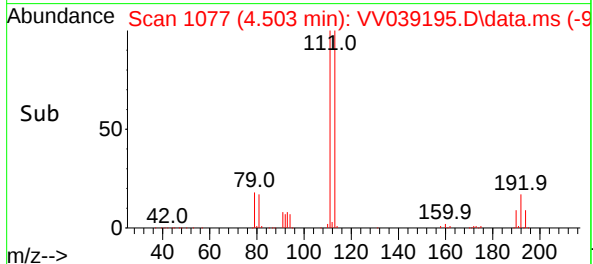
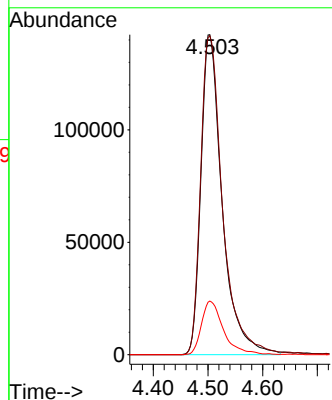
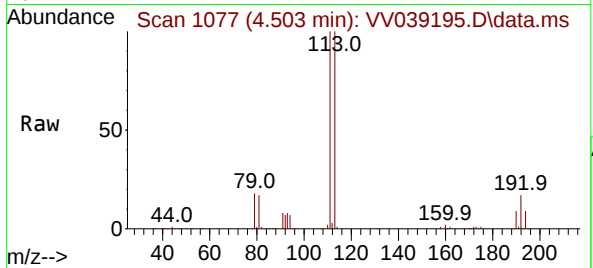




#35
Dibromofluoromethane
Concen: 51.477 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

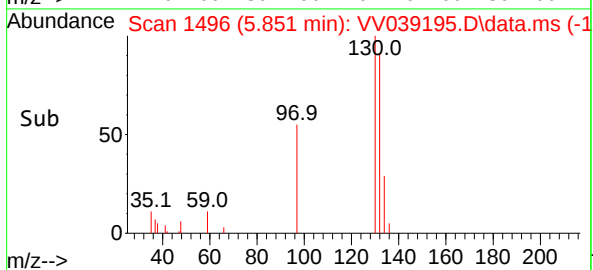
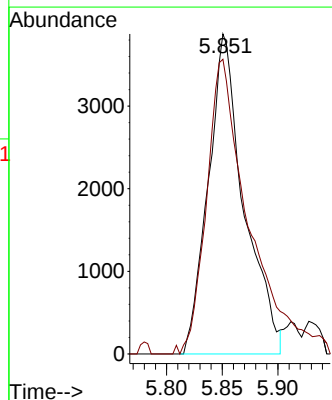
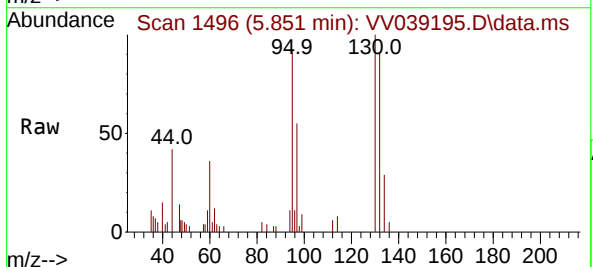
Instrument :
MSVOA_V
ClientSampleId :
MW-24-091925

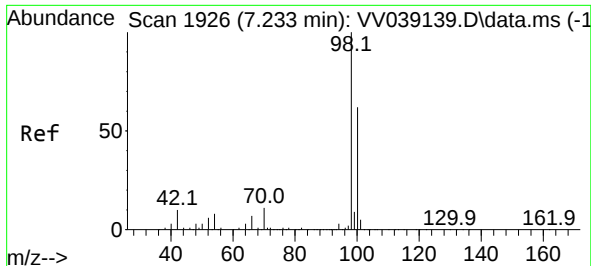
Tgt Ion:113 Resp: 384300
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.3 13.8 20.8



#44
Trichloroethene
Concen: 1.018 ug/l
RT: 5.851 min Scan# 1496
Delta R.T. 0.023 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

Tgt Ion:130 Resp: 8633
Ion Ratio Lower Upper
130 100
95 92.1 0.0 199.2

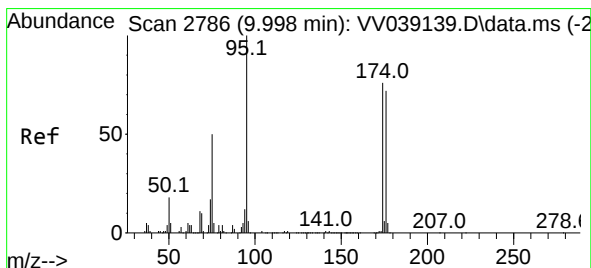
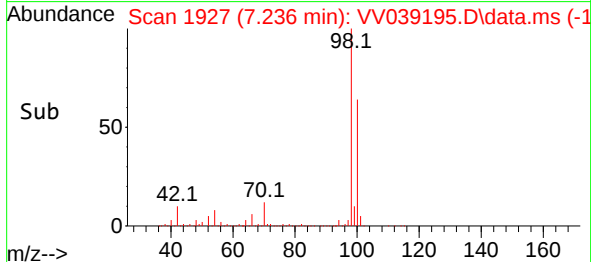
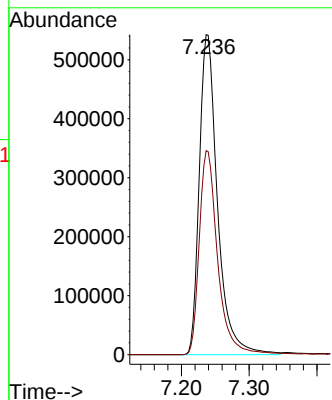
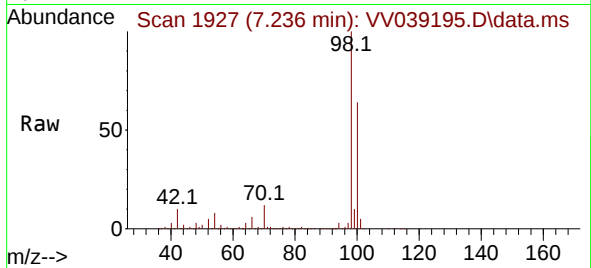




#50
Toluene-d8
Concen: 46.160 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

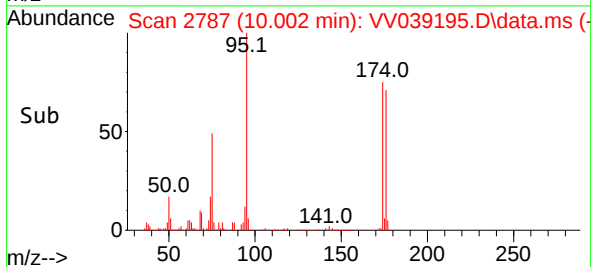
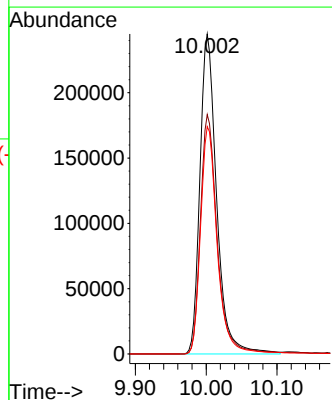
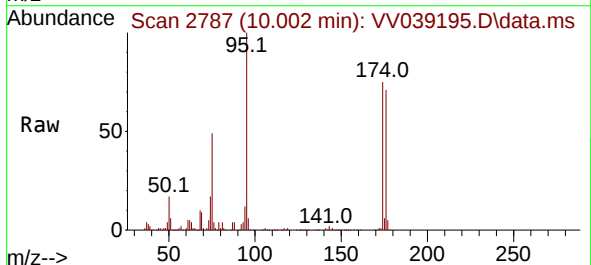
Instrument :
MSVOA_V
ClientSampleId :
MW-24-091925

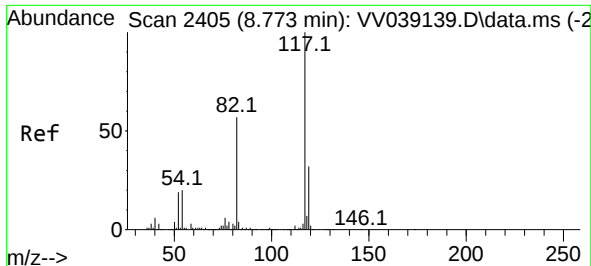
Tgt Ion: 98 Resp: 1012096
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.448 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

Tgt Ion: 95 Resp: 401201
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 71.2 0.0 144.2

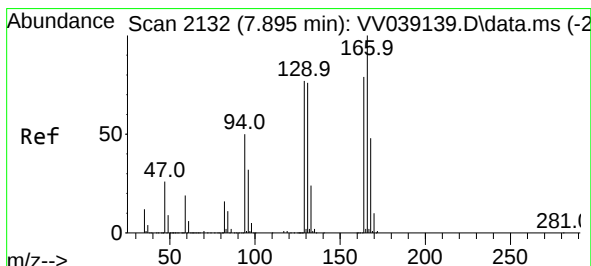
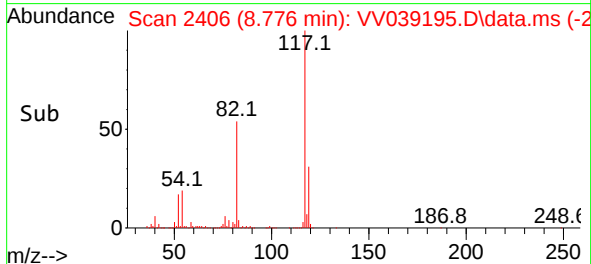
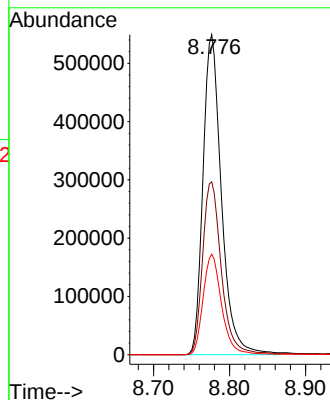
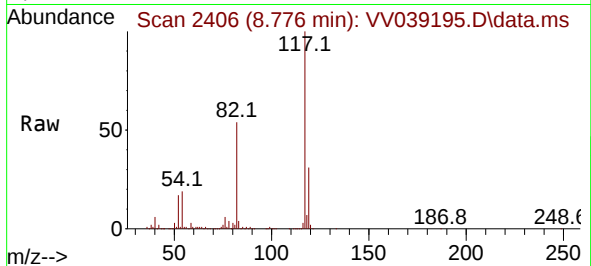




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

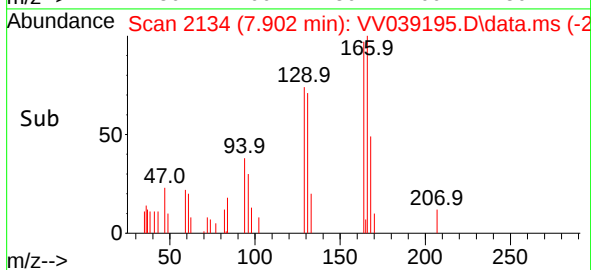
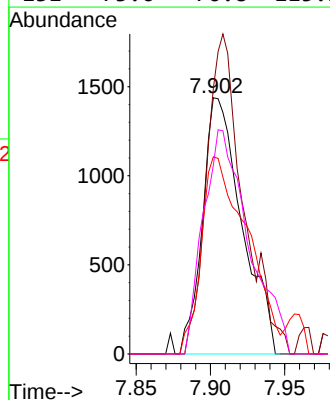
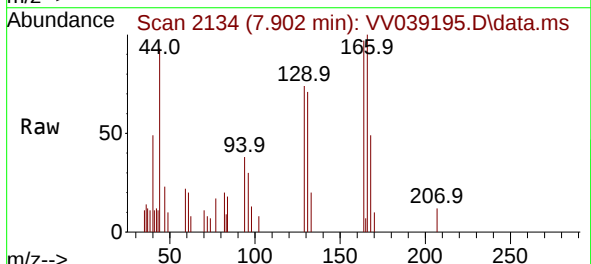
Instrument :
MSVOA_V
ClientSampleId :
MW-24-091925

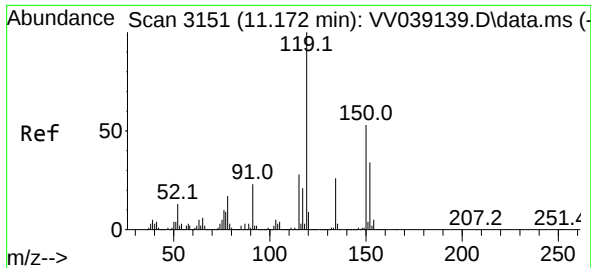
Tgt Ion:117 Resp: 925762
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.2
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 0.342 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV039195.D
Acq: 25 Sep 2025 20:25

Tgt Ion:164 Resp: 2650
Ion Ratio Lower Upper
164 100
166 103.5 101.6 152.4
129 76.9 78.5 117.7#
131 73.6 76.8 115.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV039195.D
 Acq: 25 Sep 2025 20:25

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-24-091925

Tgt Ion:	152	Resp:	442595
Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.8	134.4
150	158.9	0.0	353.8

