

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039186.D
 Acq On : 25 Sep 2025 17:03
 Operator : SY/MD
 Sample : Q3195-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 RW-1-092425

Quant Time: Sep 26 01:33:50 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)

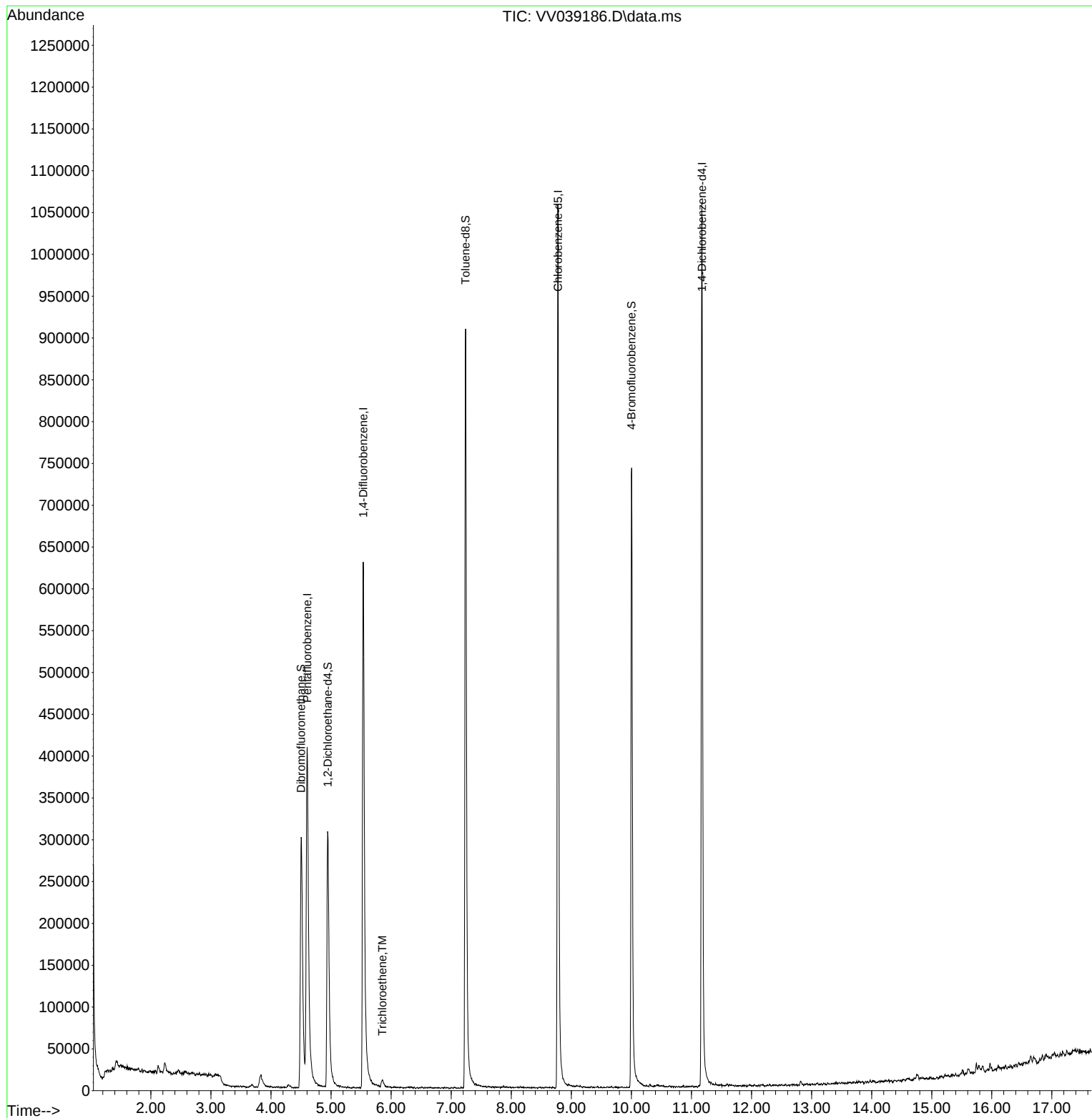
Internal Standards						
1) Pentafluorobenzene	4.603	168	349429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	628697	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	611801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	288234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	280558	55.476	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	110.960%
35) Dibromofluoromethane	4.503	113	249782	49.421	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.840%
50) Toluene-d8	7.239	98	674823	45.460	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.920%
62) 4-Bromofluorobenzene	10.001	95	261365	42.770	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	85.540%
Target Compounds						
44) Trichloroethene	5.854	130	3671	0.639	ug/l	Qvalue 95

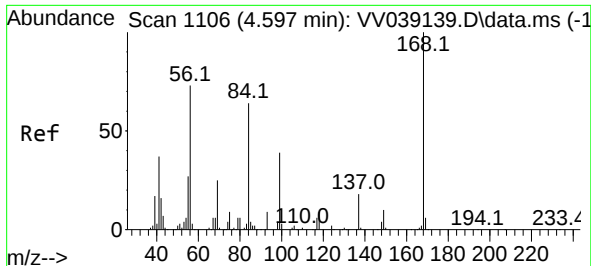
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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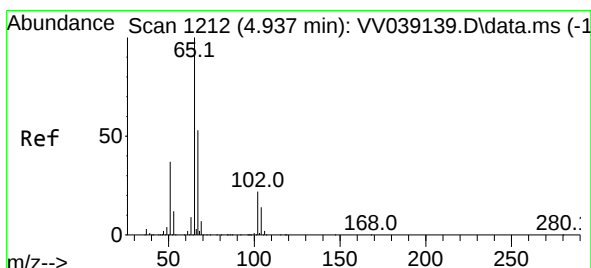
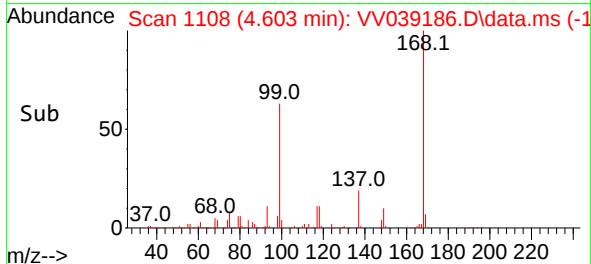
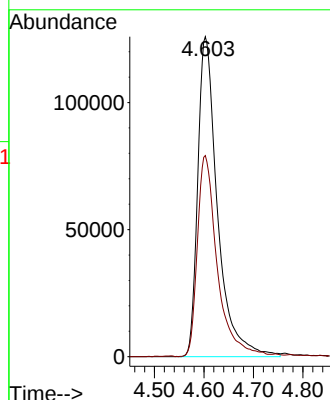
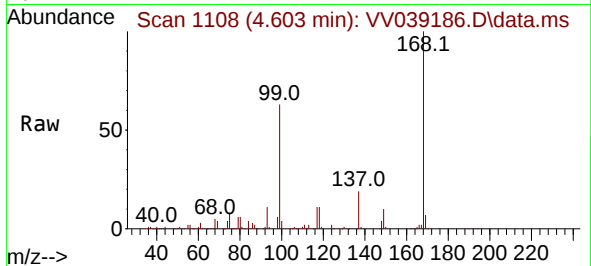




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV039186.D
Acq: 25 Sep 2025 17:03

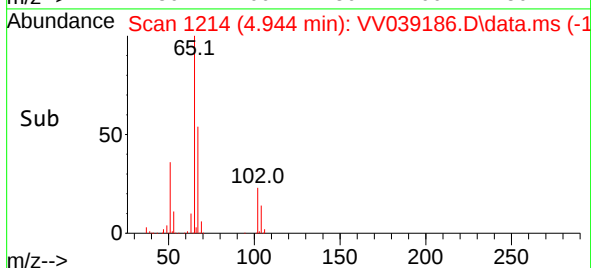
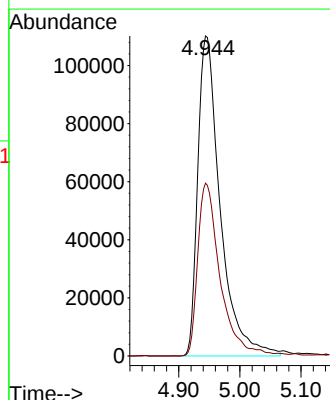
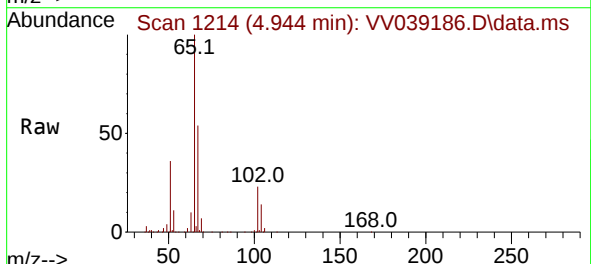
Instrument :
MSVOA_V
ClientSampleId :
RW-1-092425

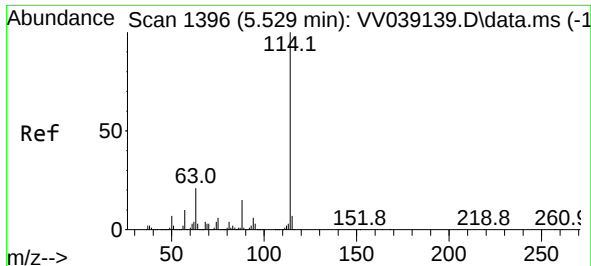
Tgt Ion:168 Resp: 349429
Ion Ratio Lower Upper
168 100
99 62.7 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 55.476 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039186.D
Acq: 25 Sep 2025 17:03

Tgt Ion: 65 Resp: 280558
Ion Ratio Lower Upper
65 100
67 53.7 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: VV039186.D

Acq: 25 Sep 2025 17:03

Instrument :

MSVOA_V

ClientSampleId :

RW-1-092425

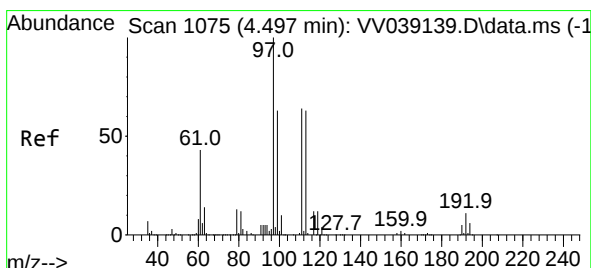
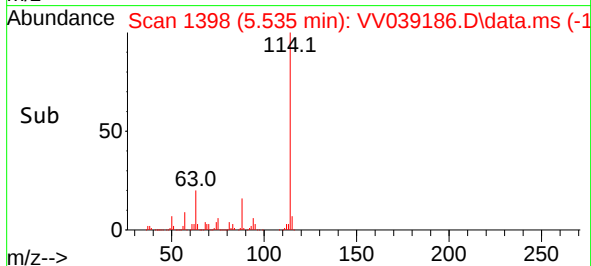
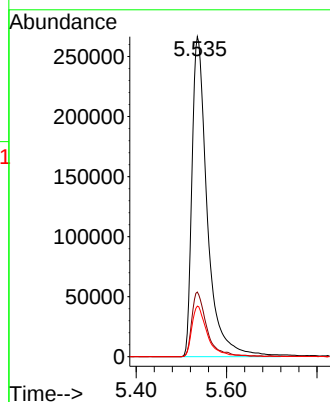
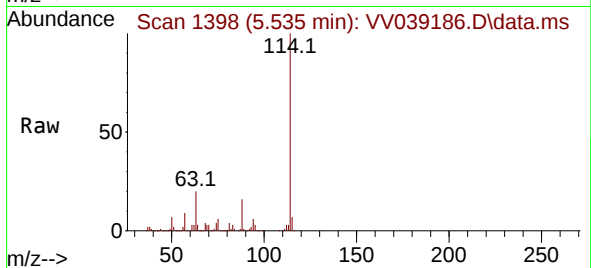
Tgt Ion:114 Resp: 628697

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 49.421 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039186.D

Acq: 25 Sep 2025 17:03

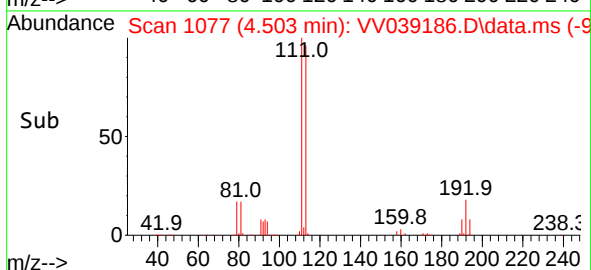
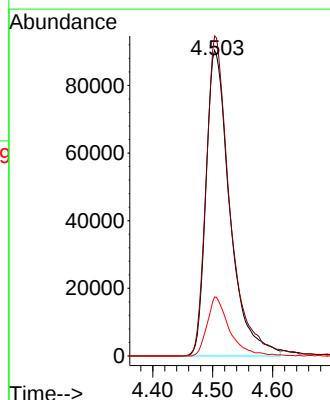
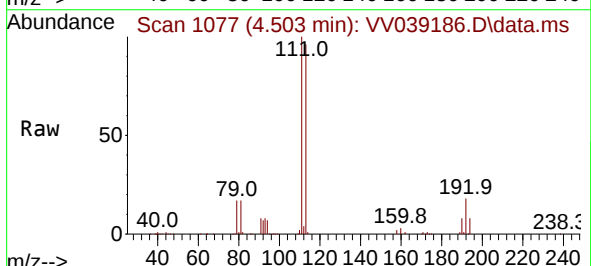
Tgt Ion:113 Resp: 249782

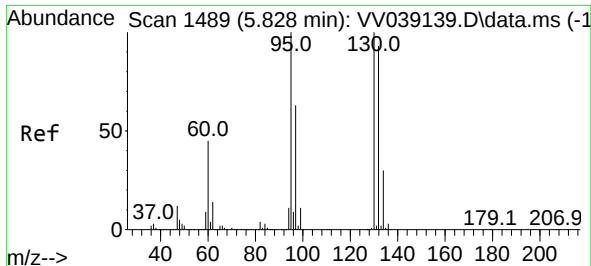
Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 18.1 13.8 20.8

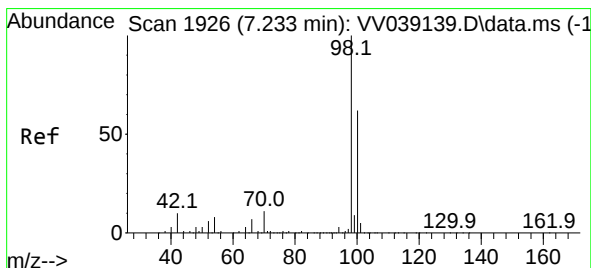
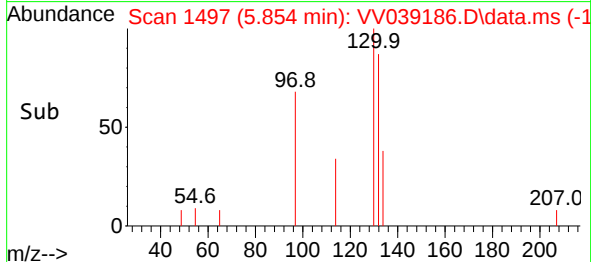
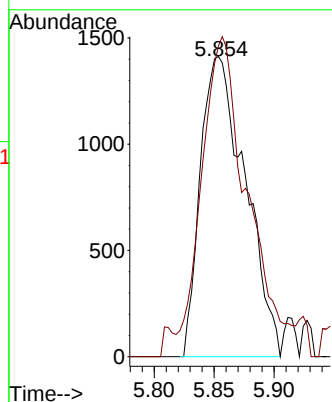
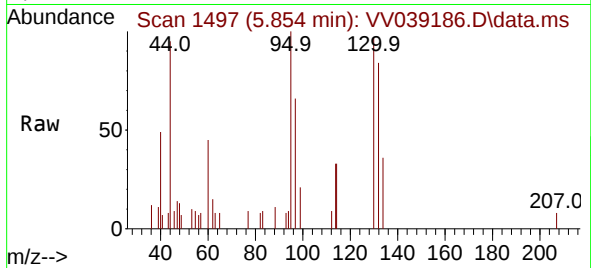




#44
 Trichloroethene
 Concen: 0.639 ug/l
 RT: 5.854 min Scan# 1489
 Delta R.T. 0.026 min
 Lab File: VV039186.D
 Acq: 25 Sep 2025 17:03

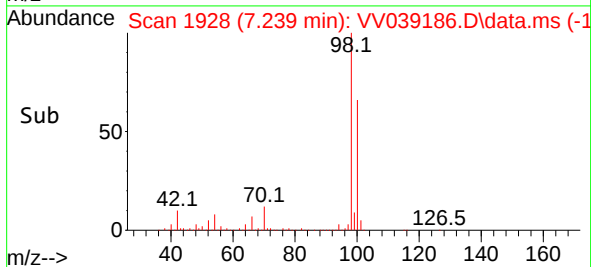
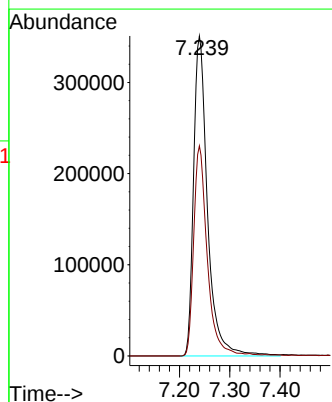
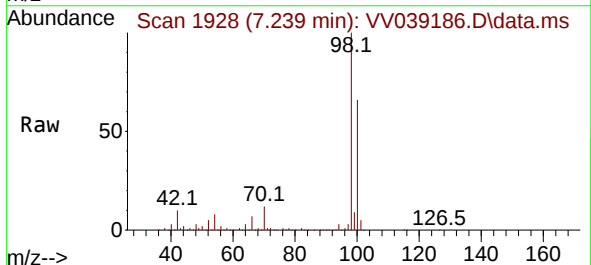
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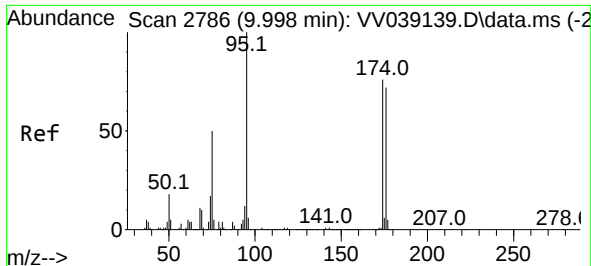
Tgt Ion:130 Resp: 3671
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 199.2



#50
 Toluene-d8
 Concen: 45.460 ug/l
 RT: 7.239 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: VV039186.D
 Acq: 25 Sep 2025 17:03

Tgt Ion: 98 Resp: 674823
 Ion Ratio Lower Upper
 98 100
 100 63.7 52.2 78.2

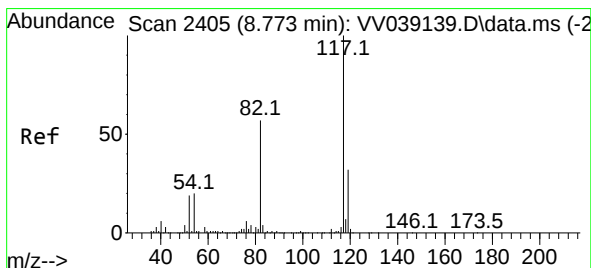
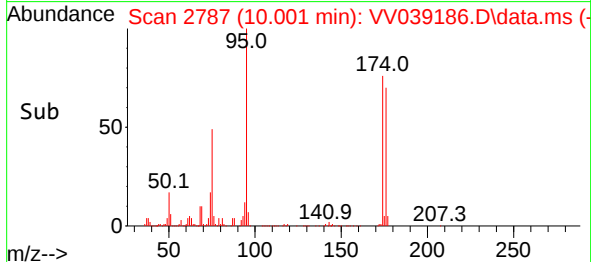
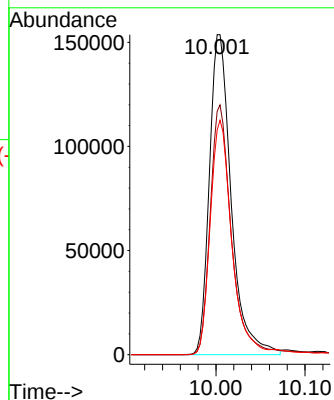
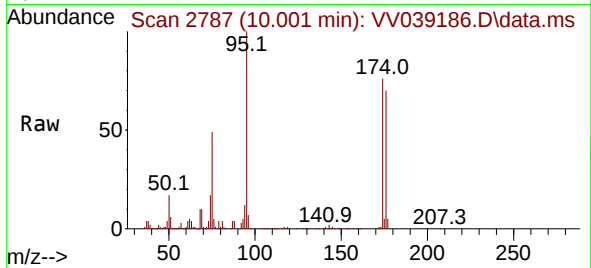




#62
4-Bromofluorobenzene
Concen: 42.770 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039186.D
Acq: 25 Sep 2025 17:03

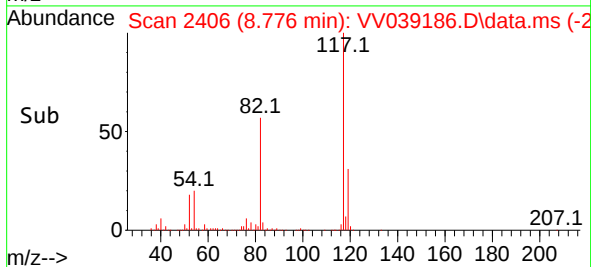
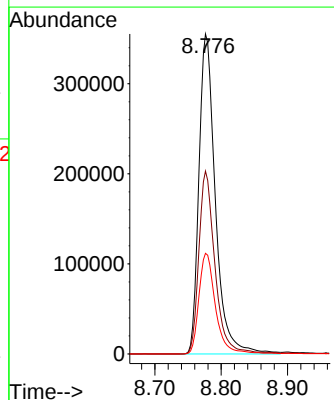
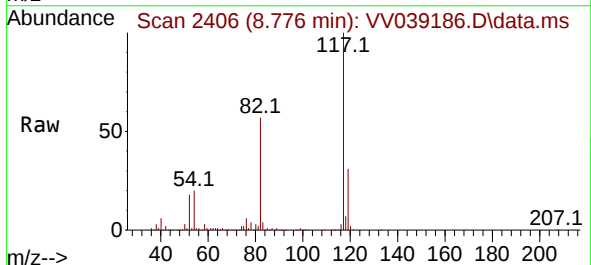
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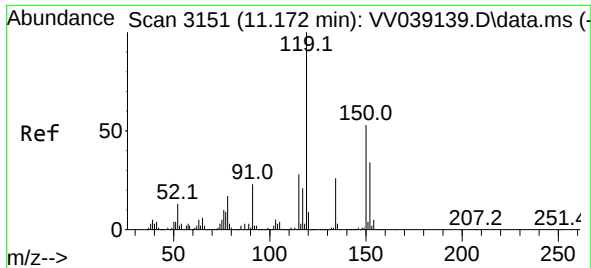
Tgt Ion: 95 Resp: 261365
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.4
176 71.8 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039186.D
Acq: 25 Sep 2025 17:03

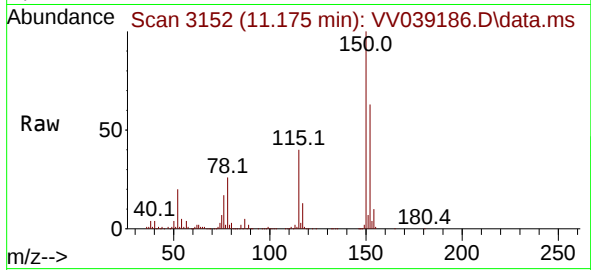
Tgt Ion: 117 Resp: 611801
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039186.D
 Acq: 25 Sep 2025 17:03

Instrument :
 MSVOA_V
 ClientSampleId :
 RW-1-092425



Tgt Ion:	152	Resp:	288234
Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.8	134.4
150	158.0	0.0	353.8

