

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038996.D
 Acq On : 21 Aug 2025 21:06
 Operator : SY/MD
 Sample : Q2924-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 FB-01-082025

Quant Time: Aug 22 04:38:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

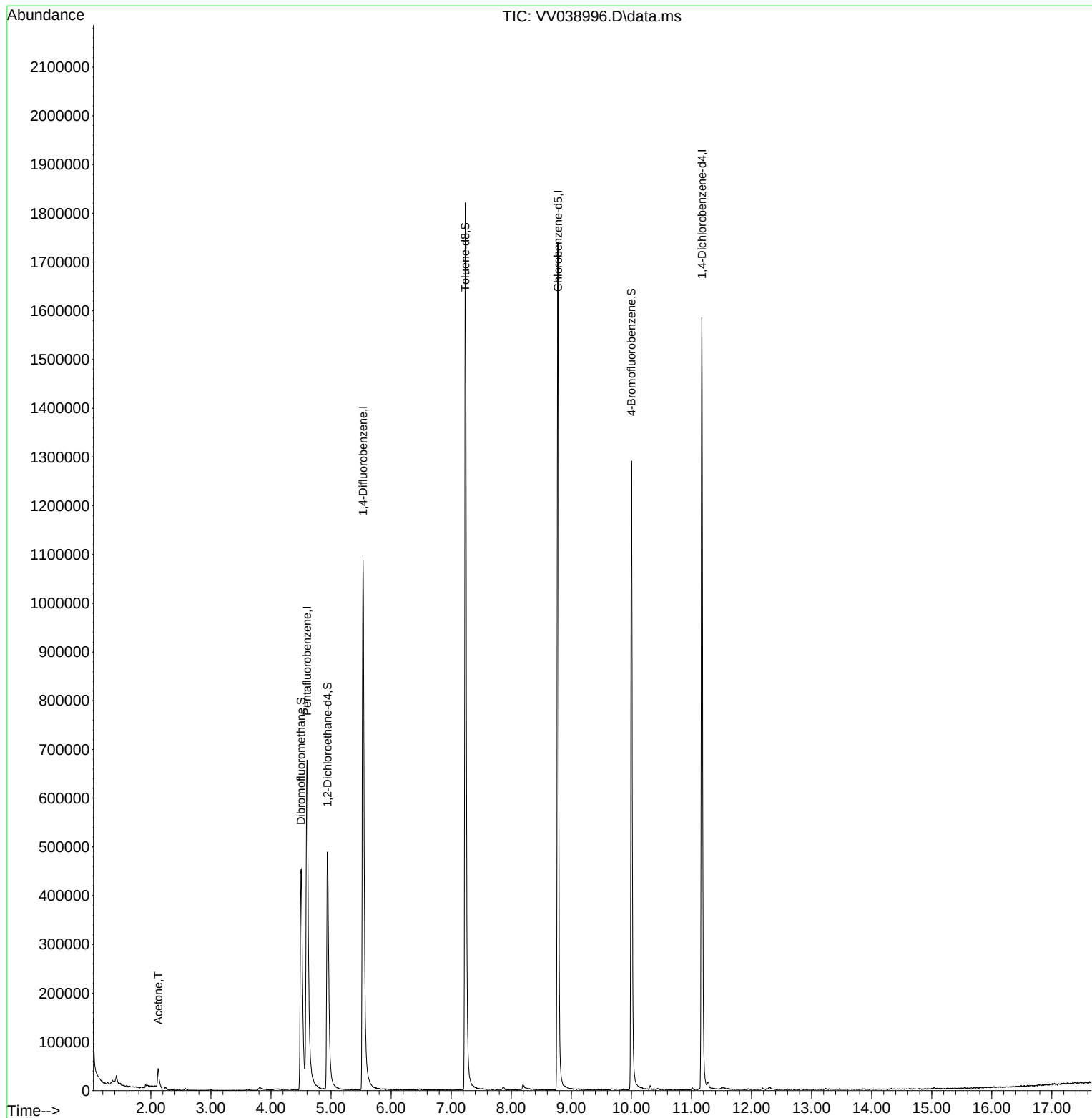
Internal Standards						
1) Pentafluorobenzene	4.600	168	585262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1084020	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	978319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	424569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	439913	53.568	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	107.140%
35) Dibromofluoromethane	4.503	113	380037	46.747	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.500%
50) Toluene-d8	7.236	98	1263312	44.564	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.120%
62) 4-Bromofluorobenzene	10.001	95	432441	41.699	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	83.400%#
Target Compounds						
16) Acetone	2.124	43	46308	14.050	ug/l	Qvalue 99

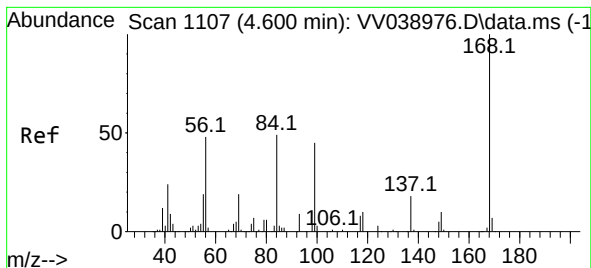
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

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ClientSampleId :

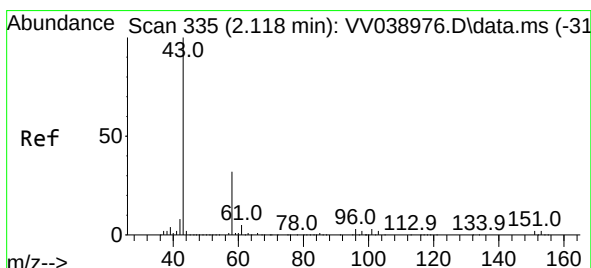
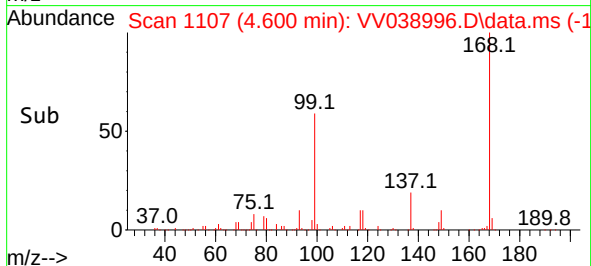
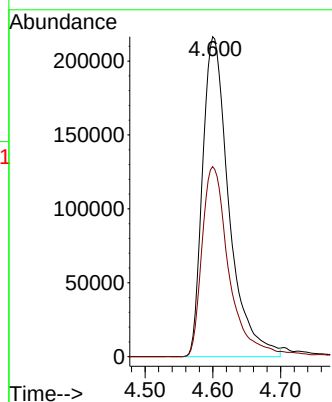
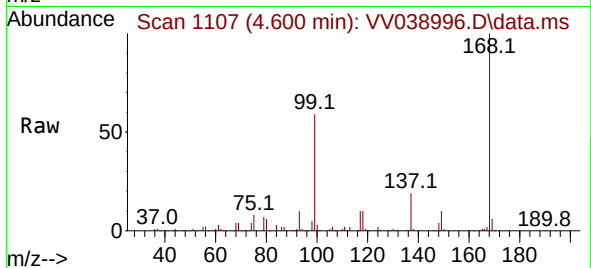
FB-01-082025

Tgt Ion:168 Resp: 585262

Ion Ratio Lower Upper

168 100

99 59.4 47.0 70.6



#16

Acetone

Concen: 14.050 ug/l

RT: 2.124 min Scan# 337

Delta R.T. 0.006 min

Lab File: VV038996.D

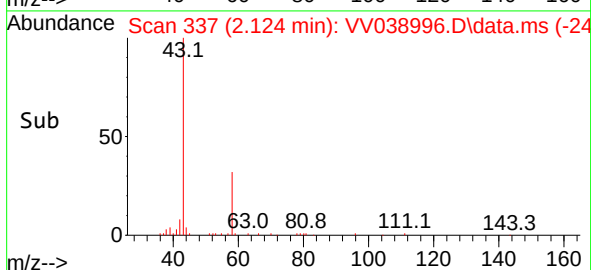
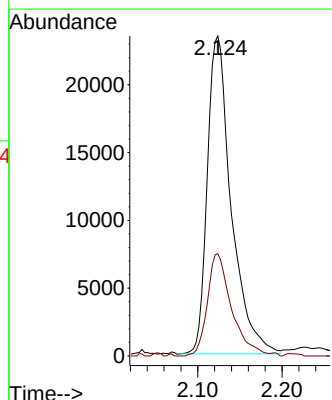
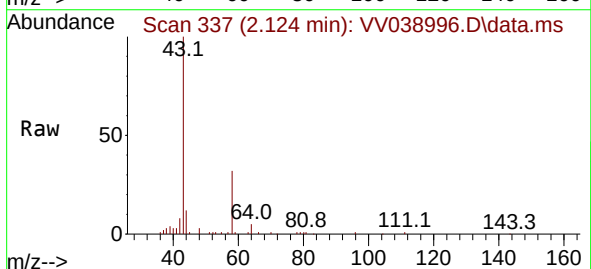
Acq: 21 Aug 2025 21:06

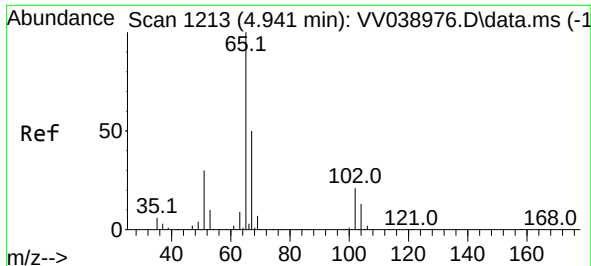
Tgt Ion: 43 Resp: 46308

Ion Ratio Lower Upper

43 100

58 32.1 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 53.568 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038996.D

Acq: 21 Aug 2025 21:06

Instrument :

MSVOA_V

ClientSampleId :

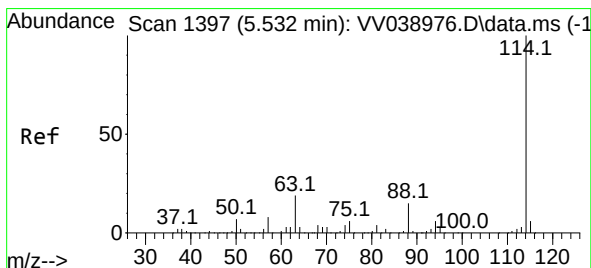
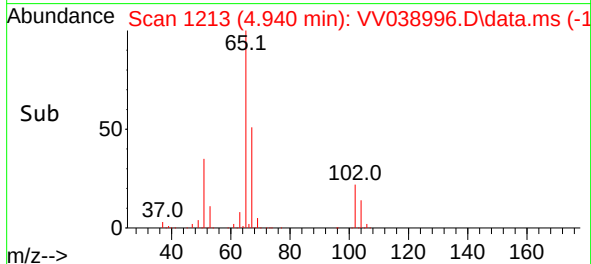
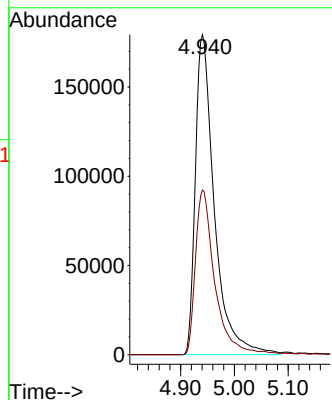
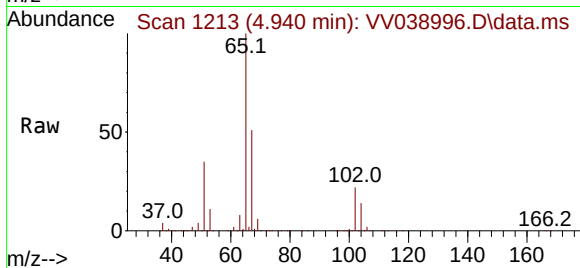
FB-01-082025

Tgt Ion: 65 Resp: 439913

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV038996.D

Acq: 21 Aug 2025 21:06

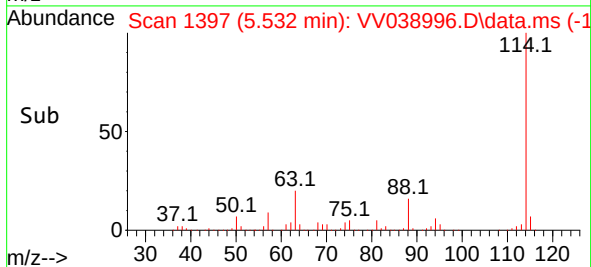
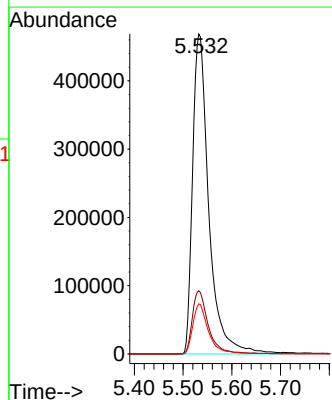
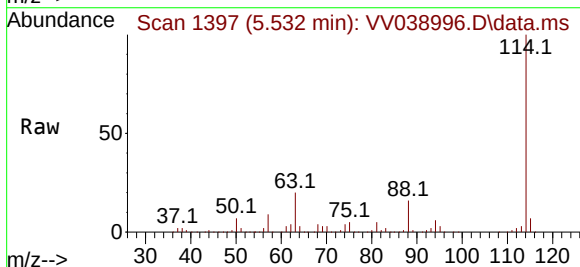
Tgt Ion: 114 Resp: 1084020

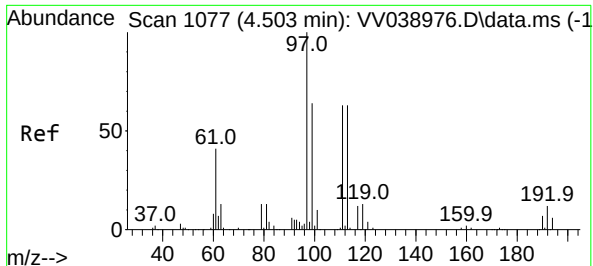
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.747 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV038996.D

Acq: 21 Aug 2025 21:06

Instrument :

MSVOA_V

ClientSampleId :

FB-01-082025

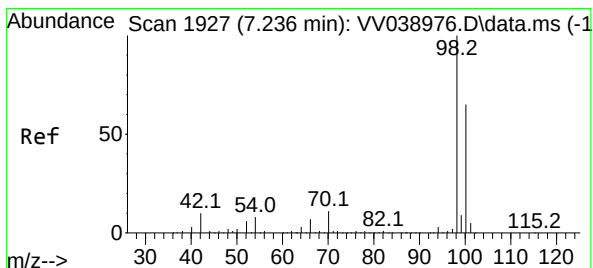
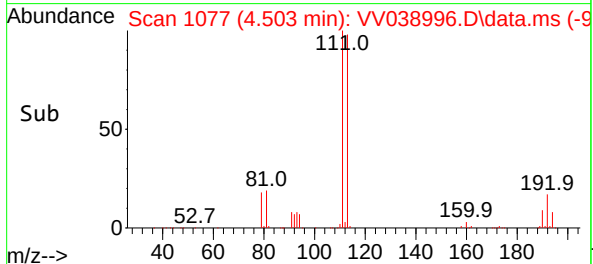
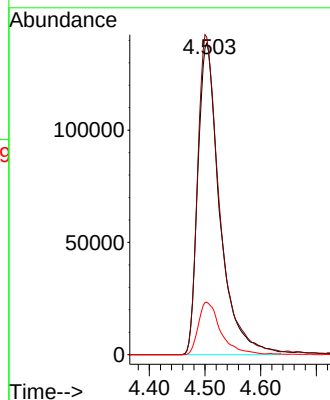
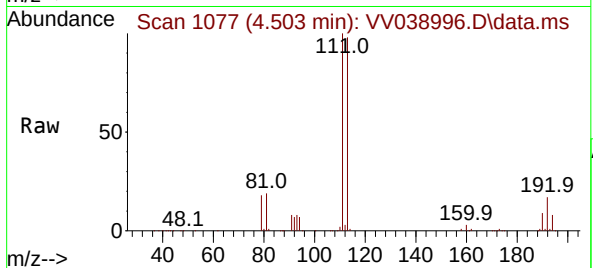
Tgt Ion:113 Resp: 380037

Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 17.2 15.4 23.0



#50

Toluene-d8

Concen: 44.564 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038996.D

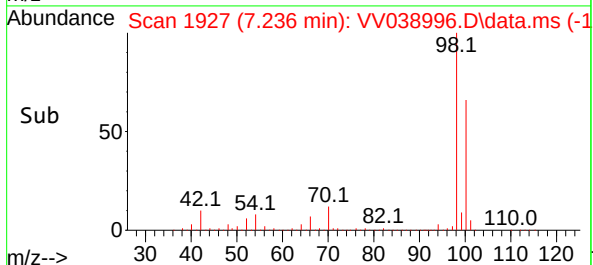
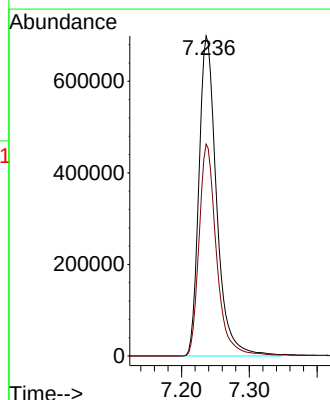
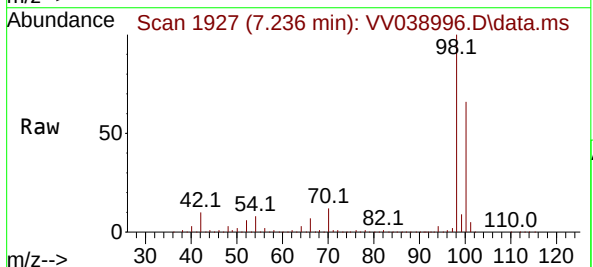
Acq: 21 Aug 2025 21:06

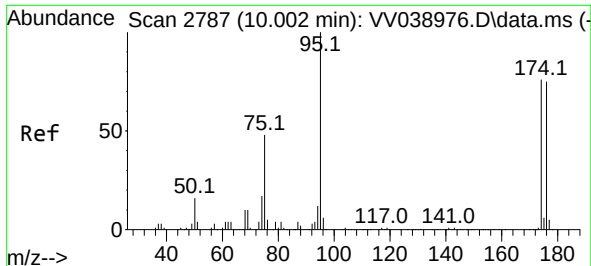
Tgt Ion: 98 Resp: 1263312

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

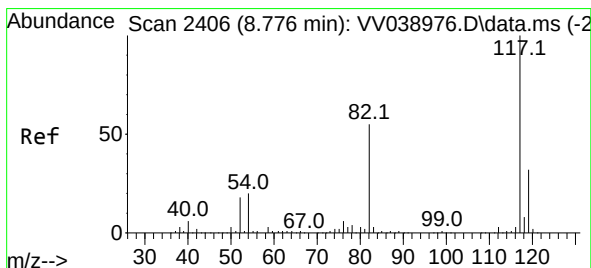
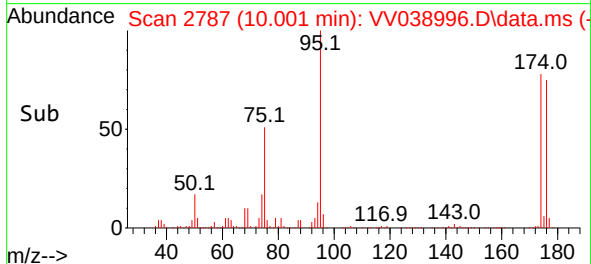
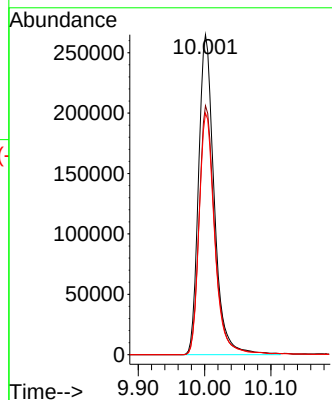
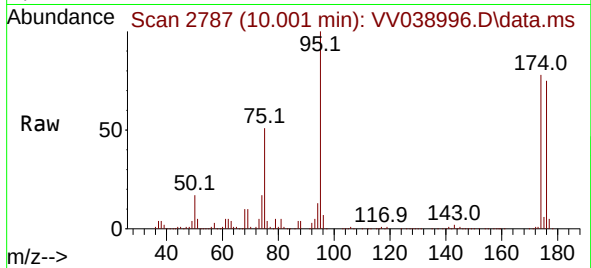




#62
4-Bromofluorobenzene
Concen: 41.699 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038996.D
Acq: 21 Aug 2025 21:06

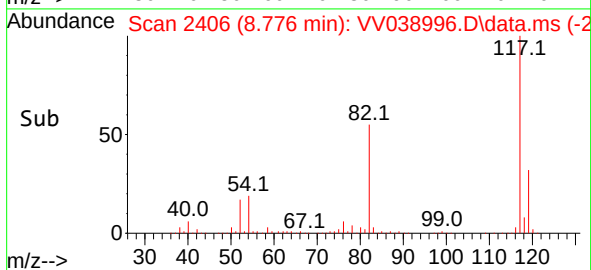
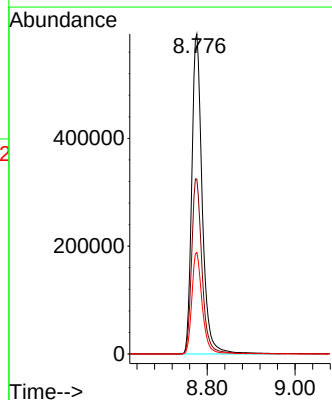
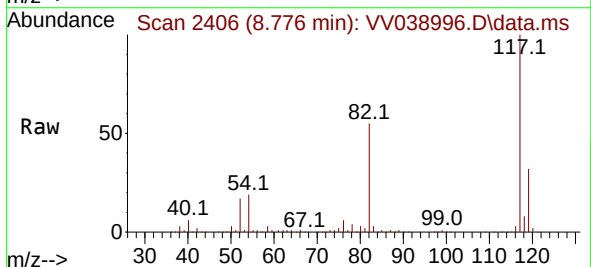
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MSVOA_V
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FB-01-082025

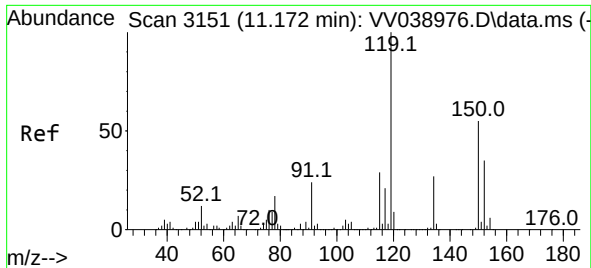
Tgt Ion: 95 Resp: 432441
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.4
176 75.3 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038996.D
Acq: 21 Aug 2025 21:06

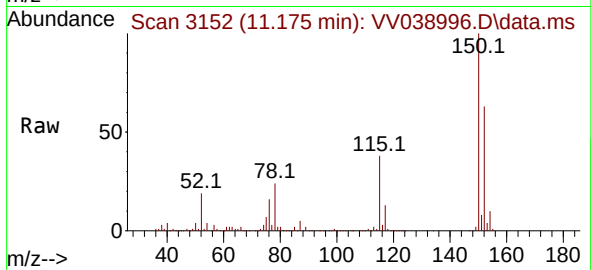
Tgt Ion: 117 Resp: 978319
Ion Ratio Lower Upper
117 100
82 54.7 44.4 66.6
119 31.8 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038996.D
 Acq: 21 Aug 2025 21:06

Instrument :
 MSVOA_V
 ClientSampleId :
 FB-01-082025



Tgt Ion:	152	Resp:	424569
Ion	Ratio	Lower	Upper
152	100		
115	61.0	42.5	127.5
150	158.5	0.0	344.8

