

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031821.D
 Acq On : 11 Jul 2025 15:48
 Operator : SY/MD
 Sample : Q2542-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-245

Quant Time: Jul 11 16:37:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

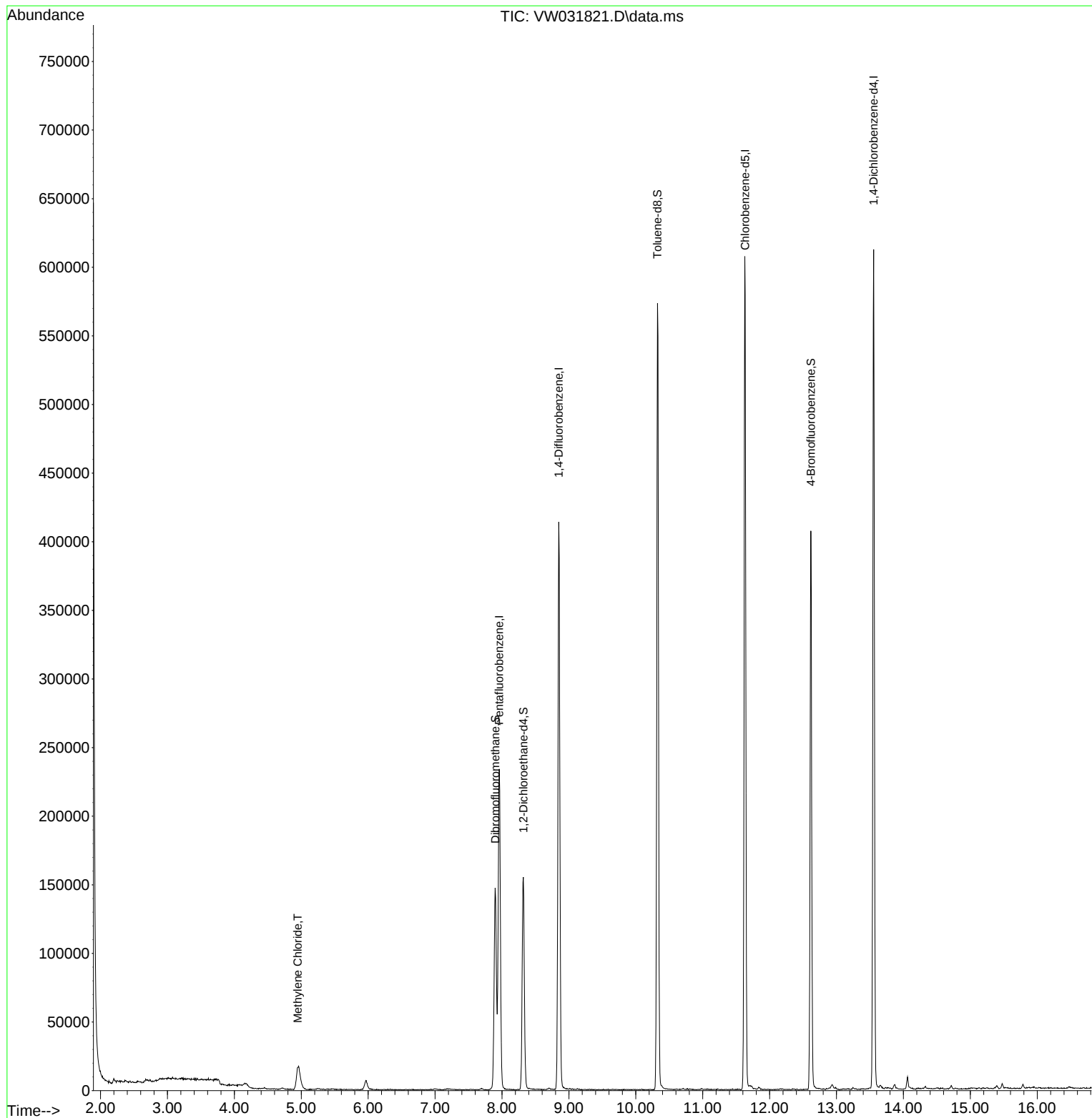
Internal Standards						
1) Pentafluorobenzene	7.959	168	157379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	340756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	333327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	148916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128560	56.921	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	113.840%
35) Dibromofluoromethane	7.898	113	110127	49.527	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.060%
50) Toluene-d8	10.325	98	381352	46.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.180%
62) 4-Bromofluorobenzene	12.617	95	145365	47.737	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.948	84	17270	3.642	ug/l	87

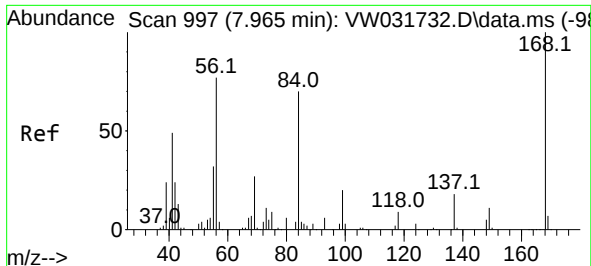
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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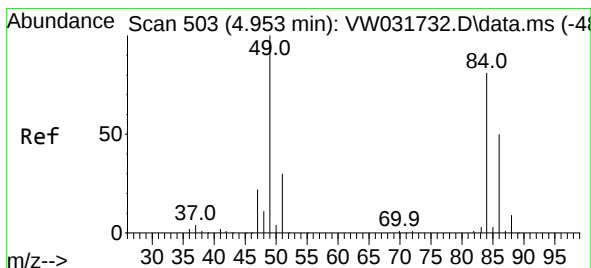
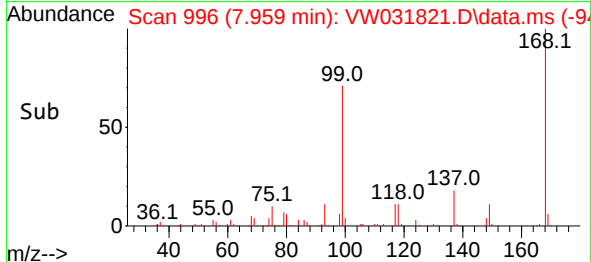
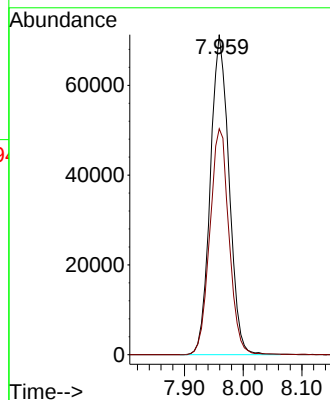
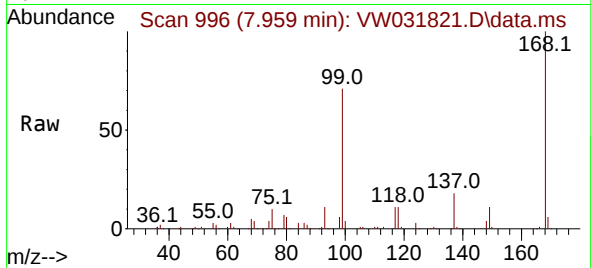




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031821.D
Acq: 11 Jul 2025 15:48

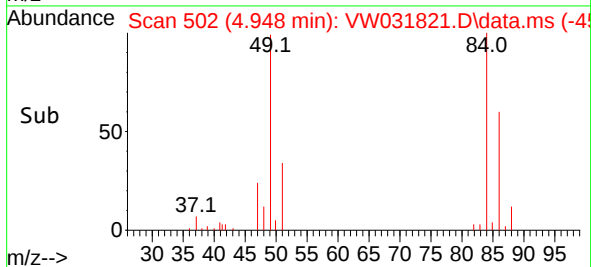
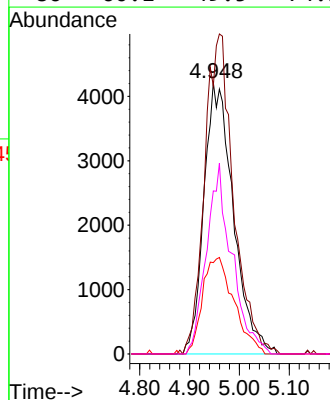
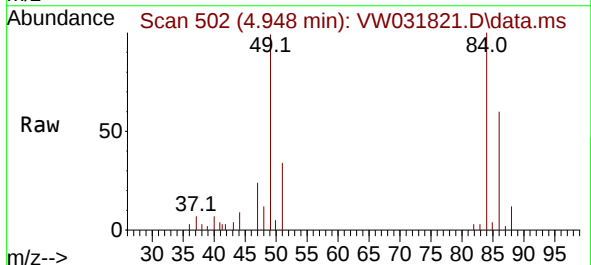
Instrument :
MSVOA_W
ClientSampleId :
VNJ-245

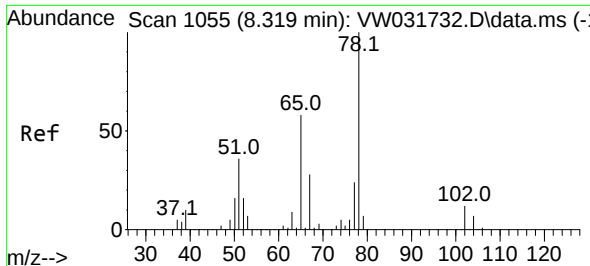
Tgt Ion:168 Resp: 157379
Ion Ratio Lower Upper
168 100
99 70.6 49.4 74.2



#20
Methylene Chloride
Concen: 3.642 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031821.D
Acq: 11 Jul 2025 15:48

Tgt Ion: 84 Resp: 17270
Ion Ratio Lower Upper
84 100
49 98.8 98.2 147.4
51 33.7 29.8 44.8
86 60.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.921 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031821.D

Acq: 11 Jul 2025 15:48

Instrument :

MSVOA_W

ClientSampleId :

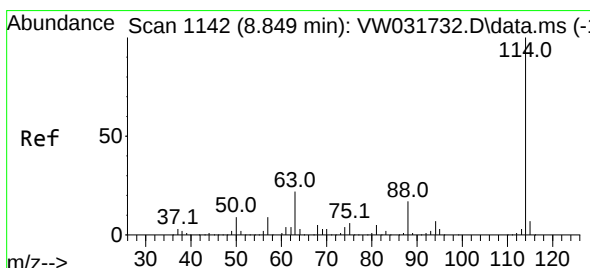
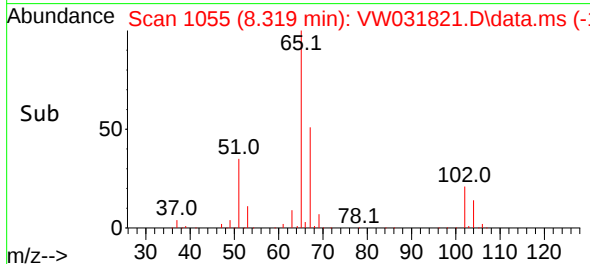
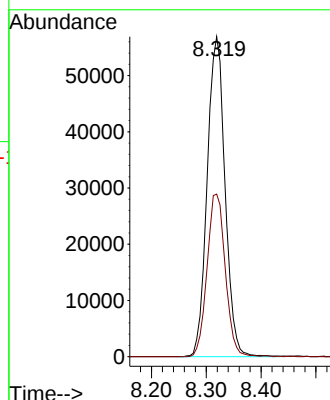
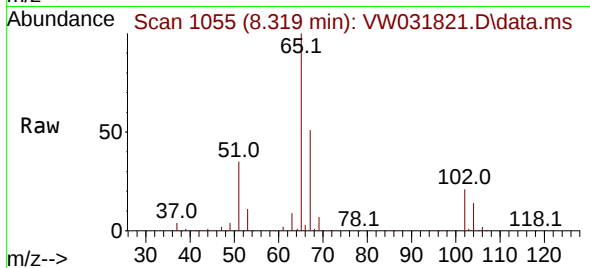
VNJ-245

Tgt Ion: 65 Resp: 128560

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW031821.D

Acq: 11 Jul 2025 15:48

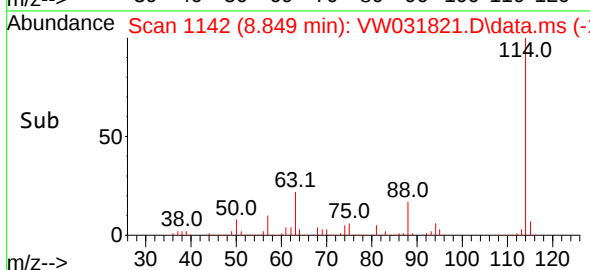
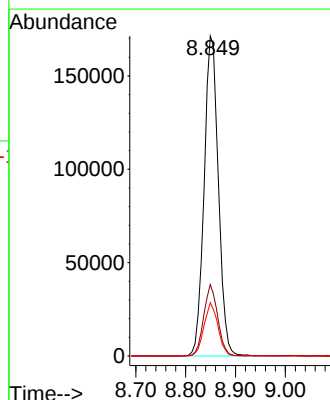
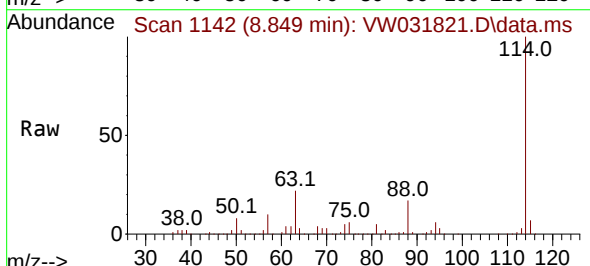
Tgt Ion: 114 Resp: 340756

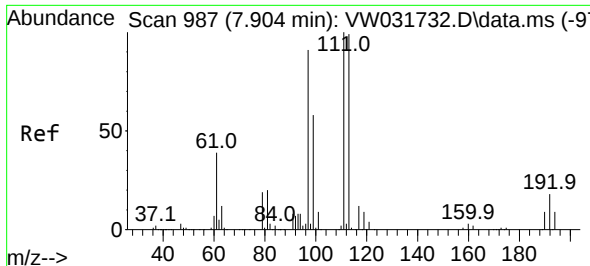
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.6

88 16.7 0.0 34.2

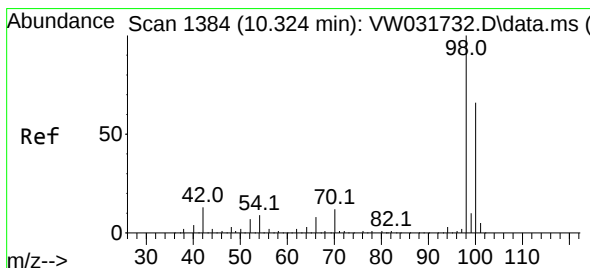
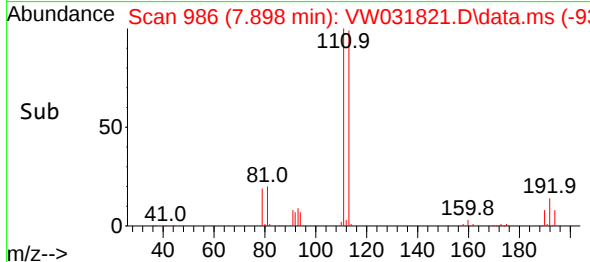
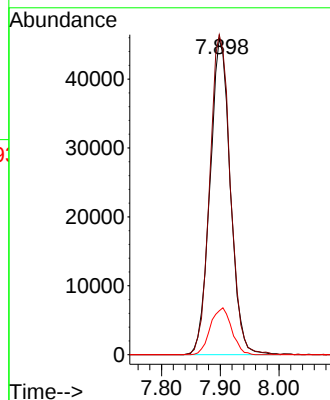
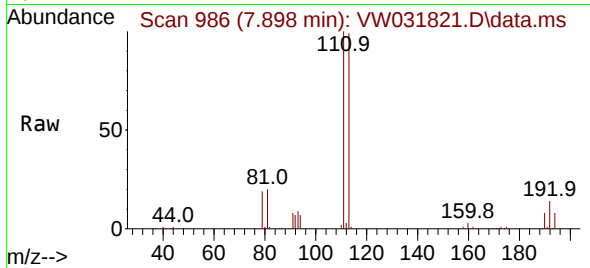




#35
Dibromofluoromethane
Concen: 49.527 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031821.D
Acq: 11 Jul 2025 15:48

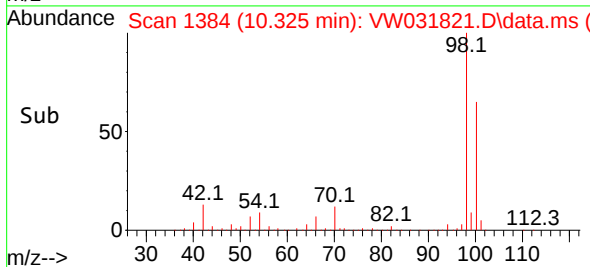
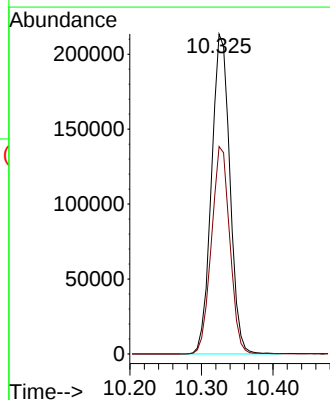
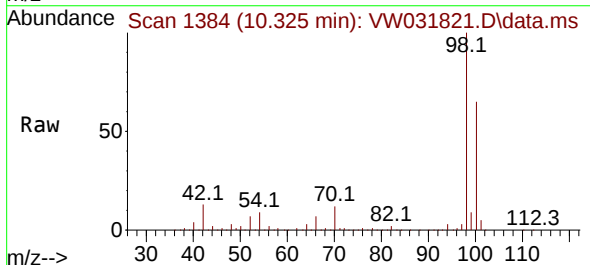
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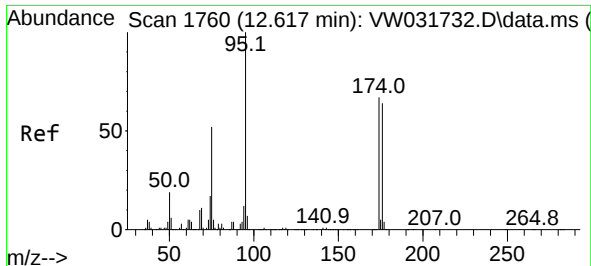
Tgt Ion:113 Resp: 110127
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 15.5 13.8 20.6



#50
Toluene-d8
Concen: 46.086 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031821.D
Acq: 11 Jul 2025 15:48

Tgt Ion: 98 Resp: 381352
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

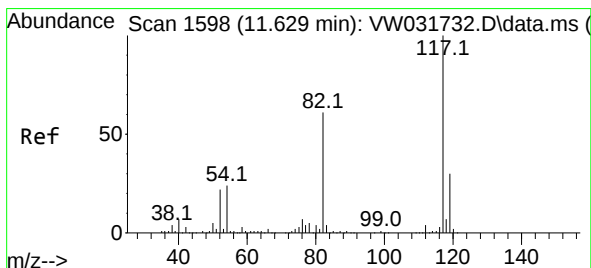
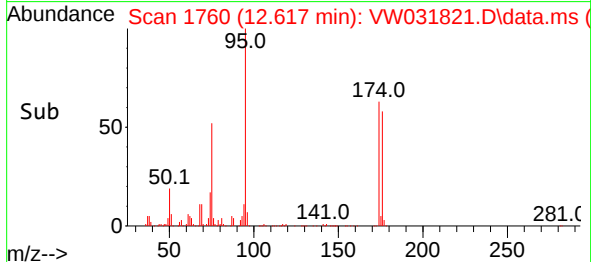
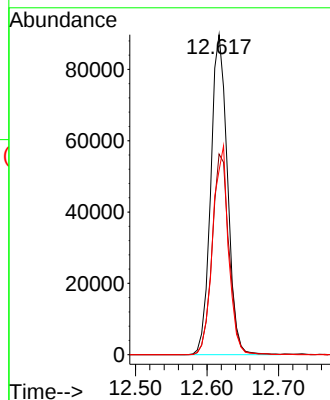
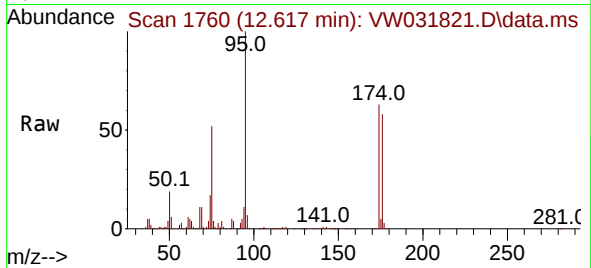




#62
4-Bromofluorobenzene
Concen: 47.737 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031821.D
Acq: 11 Jul 2025 15:48

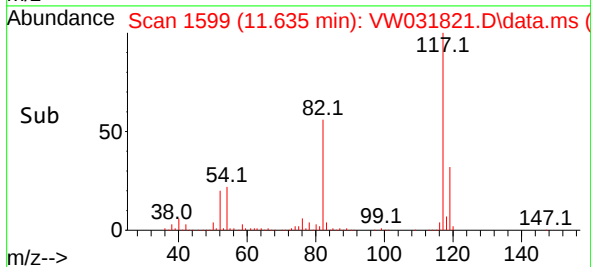
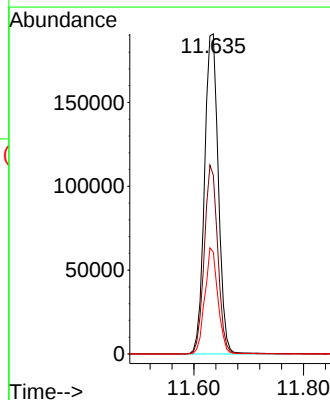
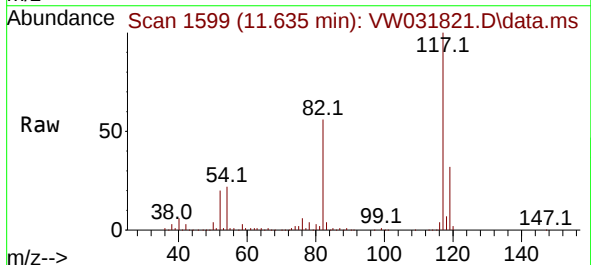
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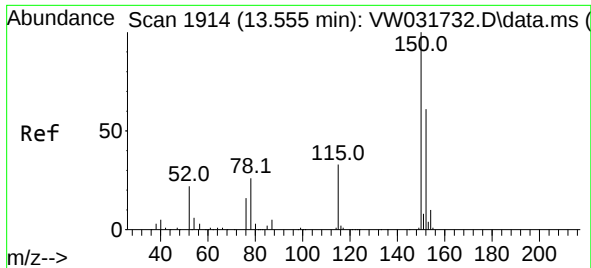
Tgt Ion: 95 Resp: 145365
Ion Ratio Lower Upper
95 100
174 63.5 0.0 133.8
176 61.9 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031821.D
Acq: 11 Jul 2025 15:48

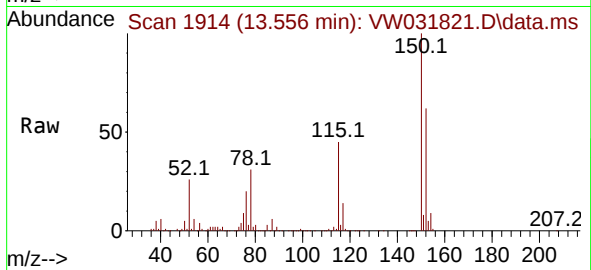
Tgt Ion: 117 Resp: 333327
Ion Ratio Lower Upper
117 100
82 55.8 48.6 72.8
119 31.8 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031821.D
 Acq: 11 Jul 2025 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-245



Tgt Ion:152 Resp: 148916
 Ion Ratio Lower Upper
 152 100
 115 68.4 31.9 95.7
 150 158.0 0.0 356.4

