

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088393.D
 Acq On : 01 Dec 2025 18:41
 Operator : JC\MD
 Sample : Q3743-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1125-2

Quant Time: Dec 02 00:19:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

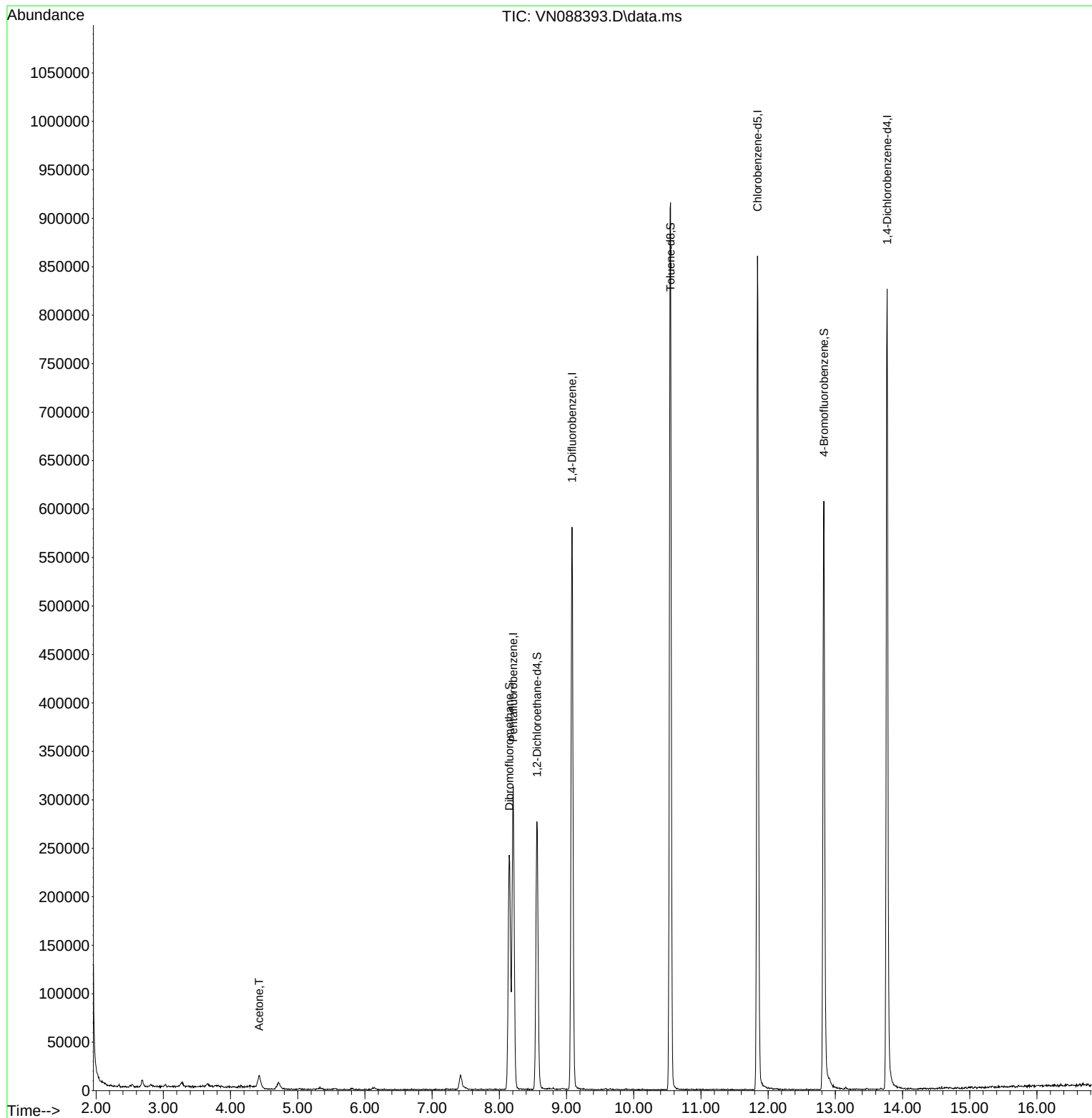
Internal Standards						
1) Pentafluorobenzene	8.206	168	203666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	472280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	460828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	215787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234894	61.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.440%	
35) Dibromofluoromethane	8.147	113	173373	52.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.940%	
50) Toluene-d8	10.547	98	610228	50.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.829	95	223615	53.517	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.040%	
Target Compounds						
16) Acetone	4.424	43	26336	18.980	ug/l	Qvalue 96

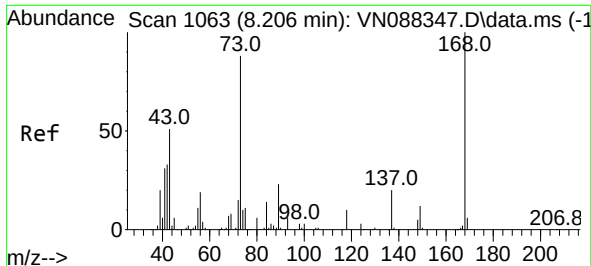
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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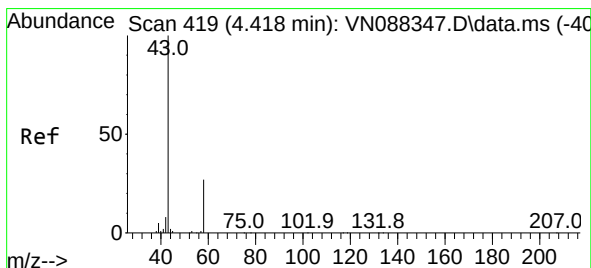
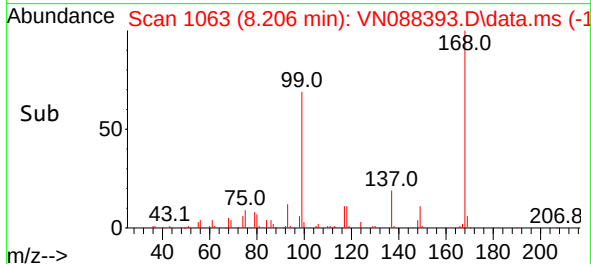
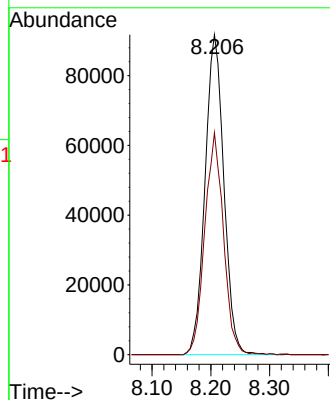
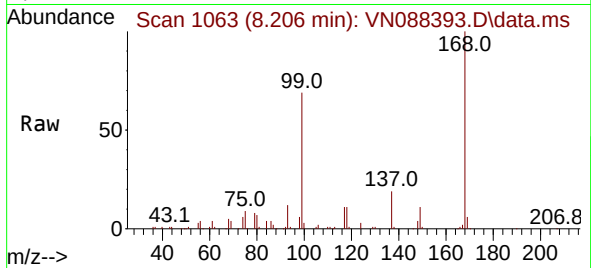




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

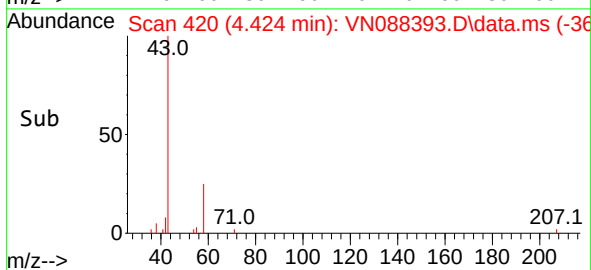
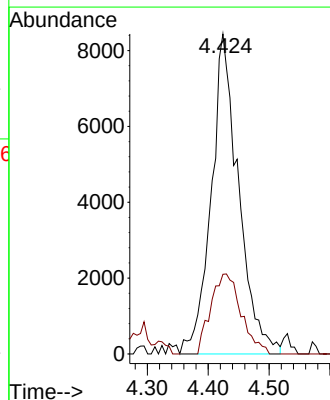
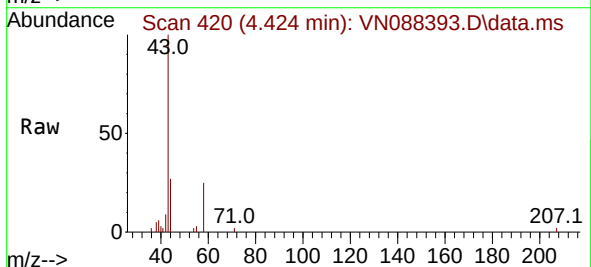
Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2

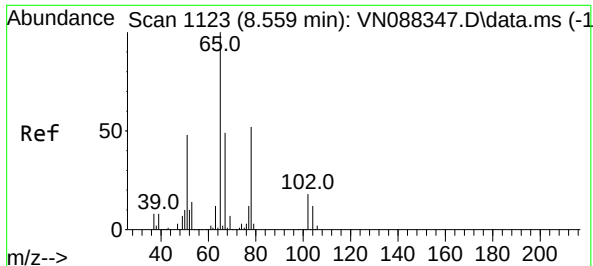
Tgt Ion:168 Resp: 203666
Ion Ratio Lower Upper
168 100
99 69.4 57.1 85.7



#16
Acetone
Concen: 18.980 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

Tgt Ion: 43 Resp: 26336
Ion Ratio Lower Upper
43 100
58 24.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 61.224 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

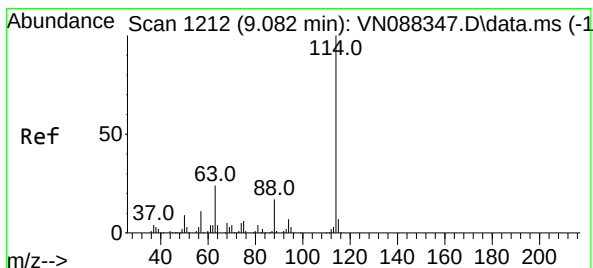
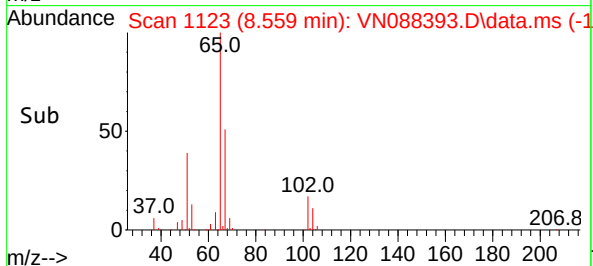
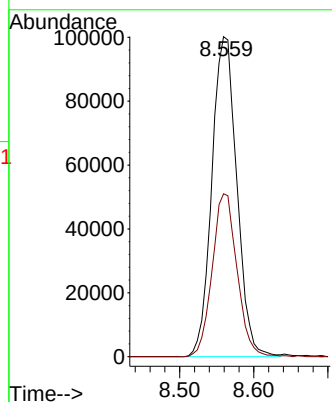
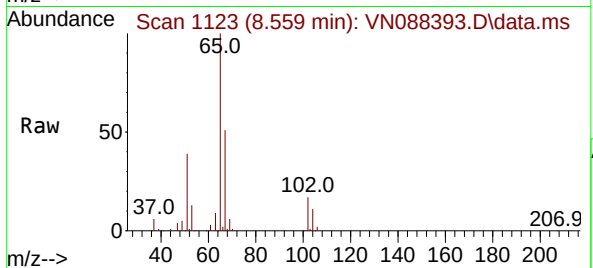
TW-1125-2

Tgt Ion: 65 Resp: 234894

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

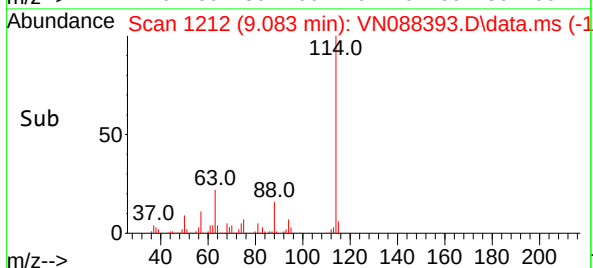
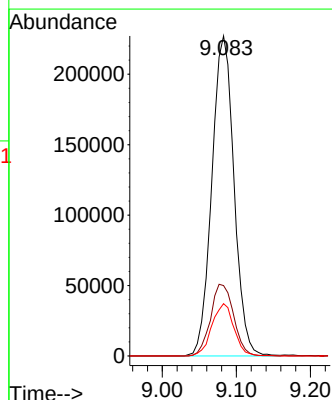
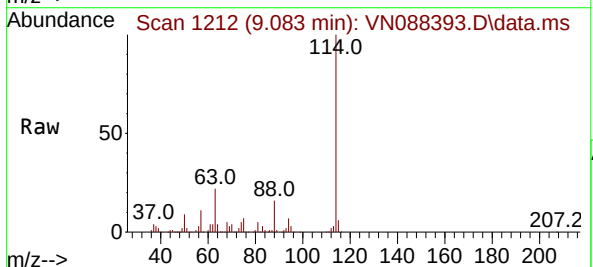
Tgt Ion: 114 Resp: 472280

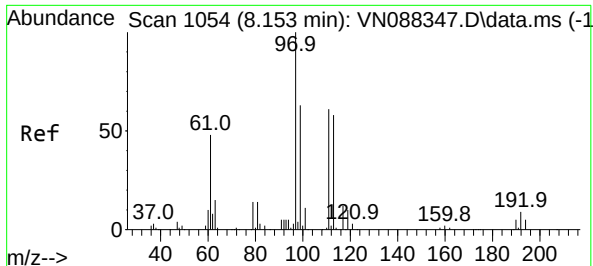
Ion Ratio Lower Upper

114 100

63 22.0 0.0 49.0

88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088393.D

Acq: 01 Dec 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

TW-1125-2

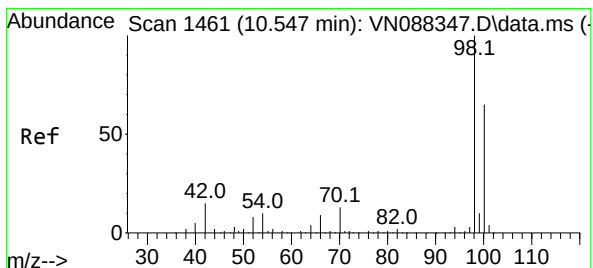
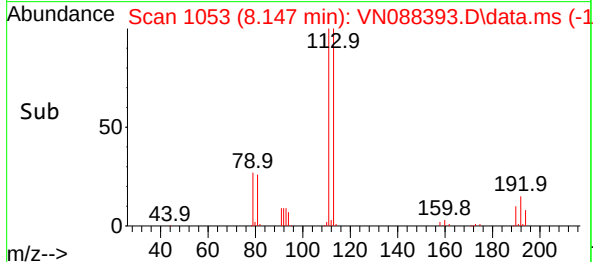
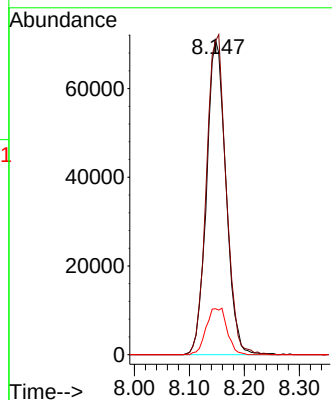
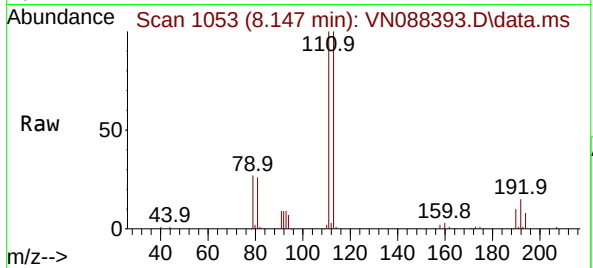
Tgt Ion:113 Resp: 173373

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 15.9 12.8 19.2



#50

Toluene-d8

Concen: 50.110 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088393.D

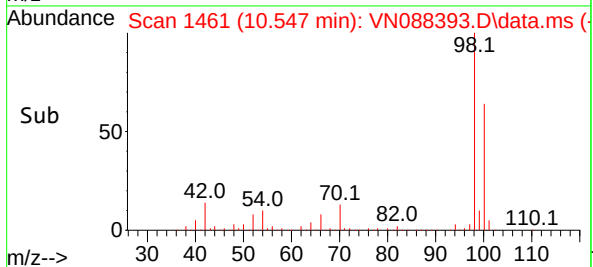
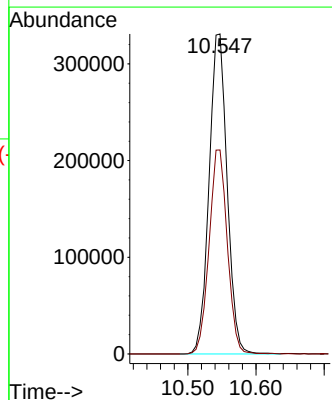
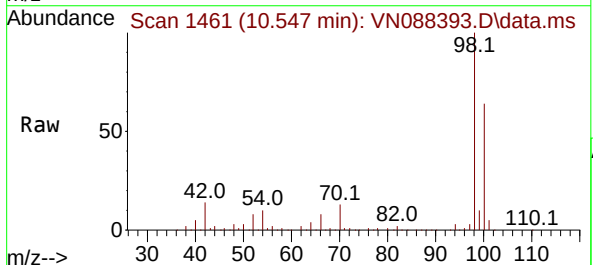
Acq: 01 Dec 2025 18:41

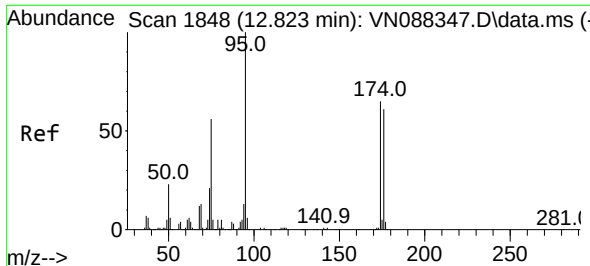
Tgt Ion: 98 Resp: 610228

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

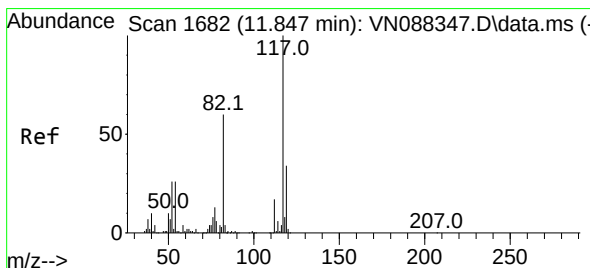
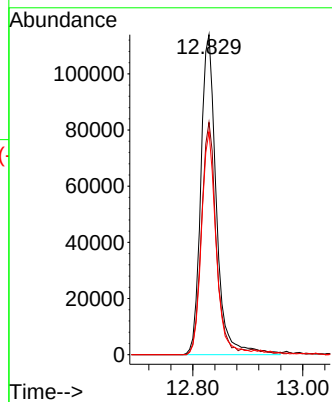
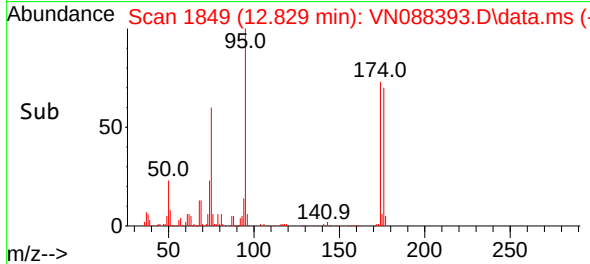
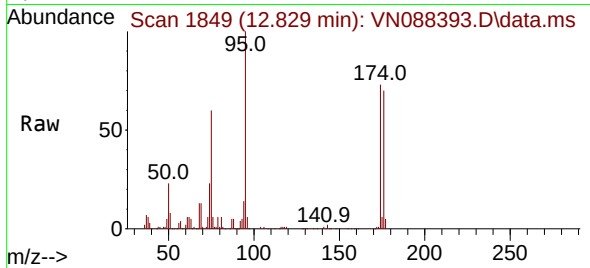




#62
4-Bromofluorobenzene
Concen: 53.517 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

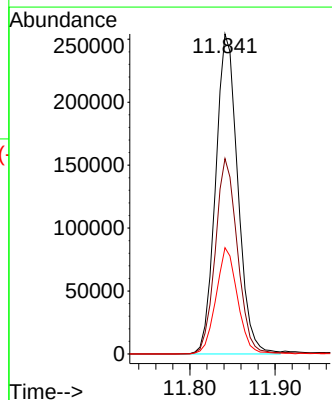
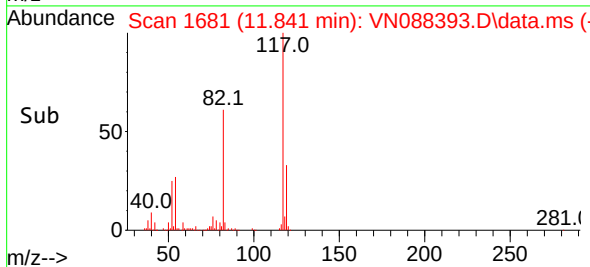
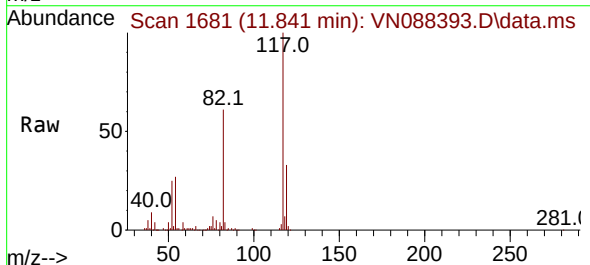
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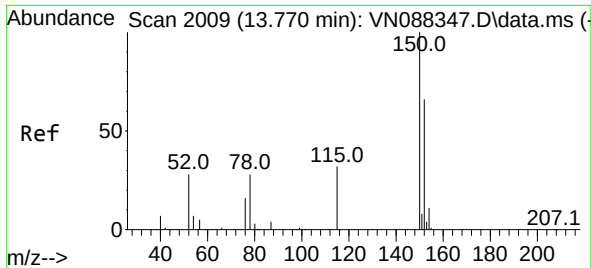
Tgt Ion: 95 Resp: 223615
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.0
176 66.0 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

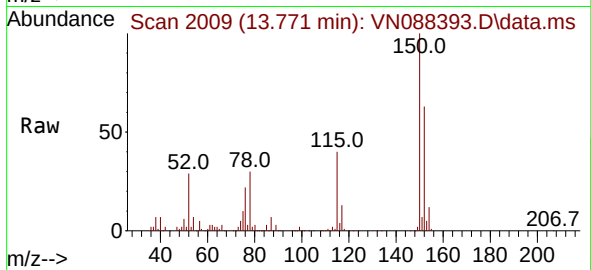
Tgt Ion: 117 Resp: 460828
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 33.2 26.9 40.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN088393.D
Acq: 01 Dec 2025 18:41

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-2



Tgt Ion:	152	Resp:	215787
Ion	Ratio	Lower	Upper
152	100		
115	63.2	33.0	98.9
150	158.4	0.0	349.0

