

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088392.D
 Acq On : 01 Dec 2025 18:20
 Operator : JC\MD
 Sample : Q3743-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1125-1

Quant Time: Dec 02 00:18:44 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)

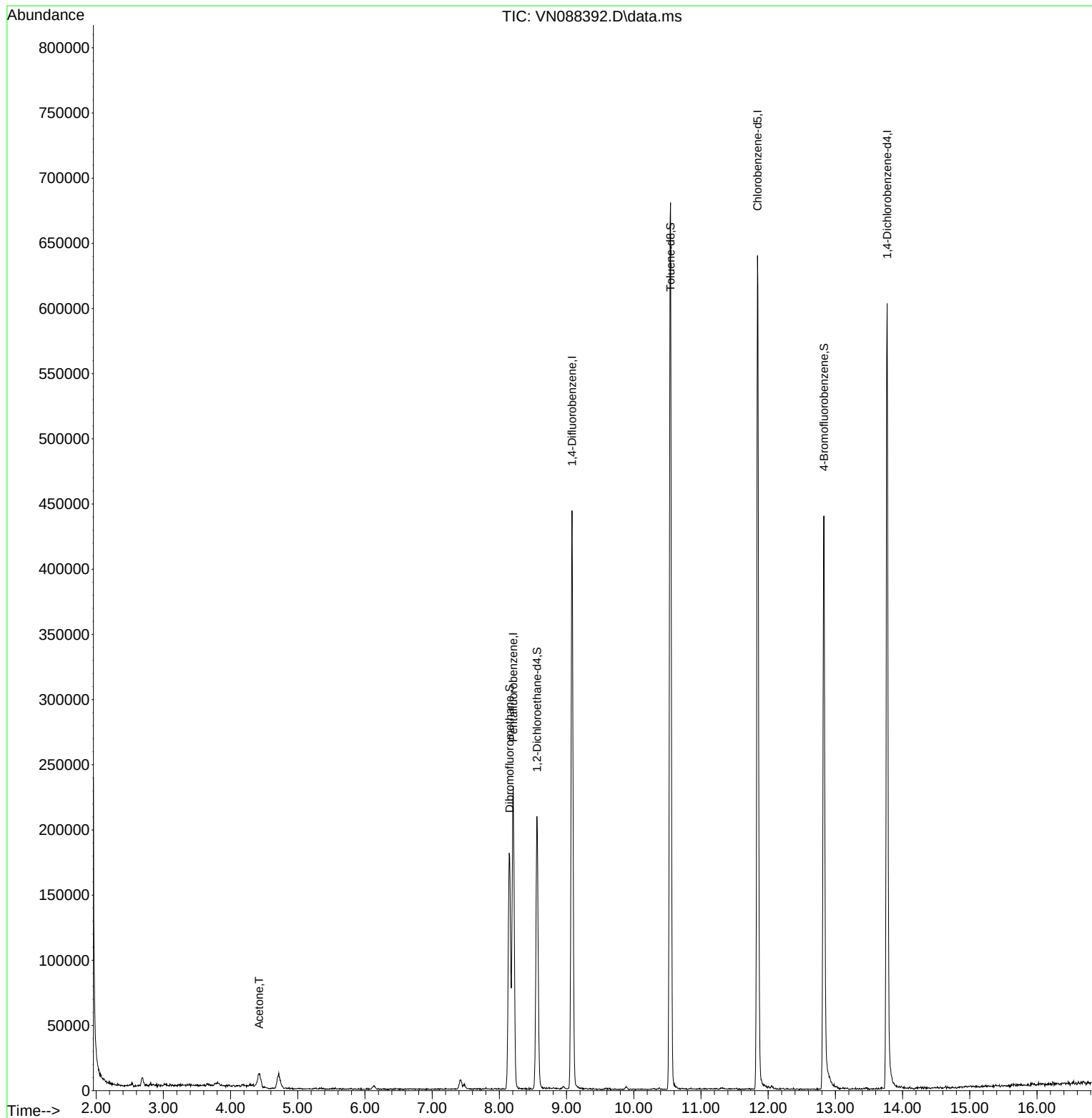
Internal Standards						
1) Pentafluorobenzene	8.206	168	150985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	353552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	347429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	164080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	175368	61.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.320%	
35) Dibromofluoromethane	8.153	113	131731	53.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.540%	
50) Toluene-d8	10.547	98	458002	50.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.829	95	166885	53.353	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.700%	
Target Compounds						
16) Acetone	4.424	43	22262	21.642	ug/l	Qvalue 97

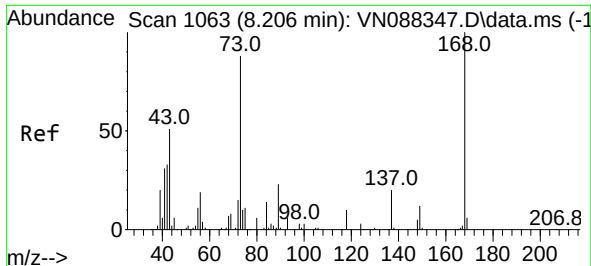
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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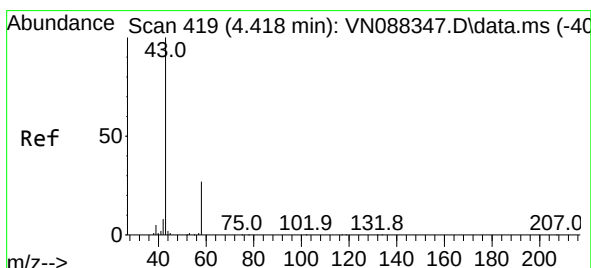
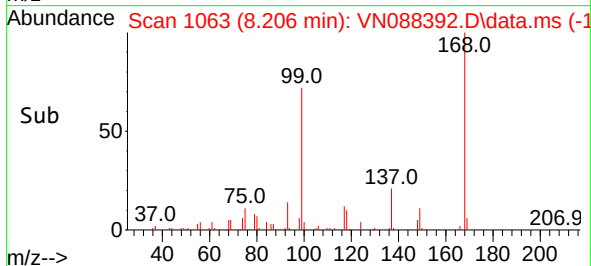
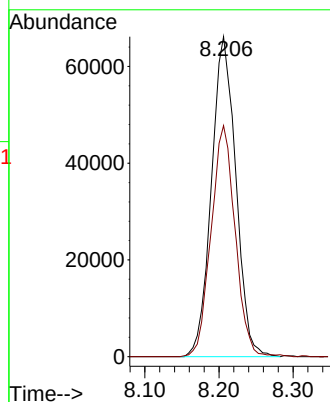
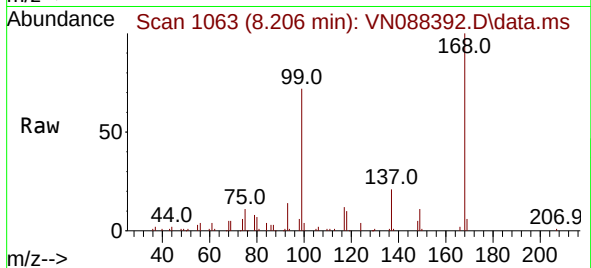




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

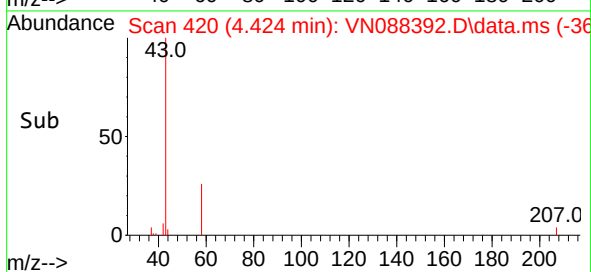
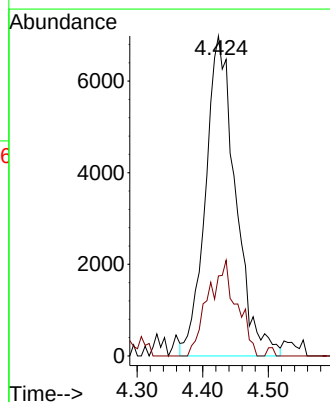
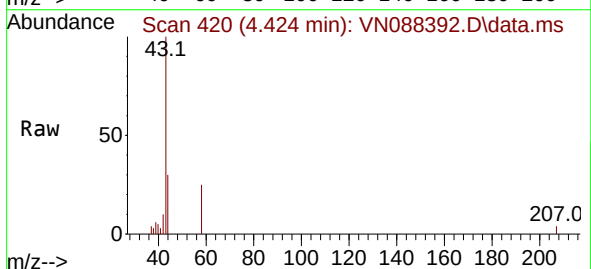
Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

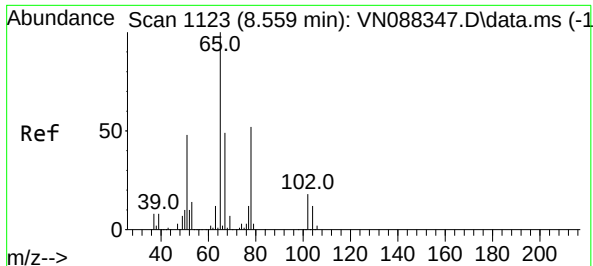
Tgt Ion:168 Resp: 150985
Ion Ratio Lower Upper
168 100
99 72.2 57.1 85.7



#16
Acetone
Concen: 21.642 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

Tgt Ion: 43 Resp: 22262
Ion Ratio Lower Upper
43 100
58 25.6 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

Instrument :

MSVOA_N

ClientSampleId :

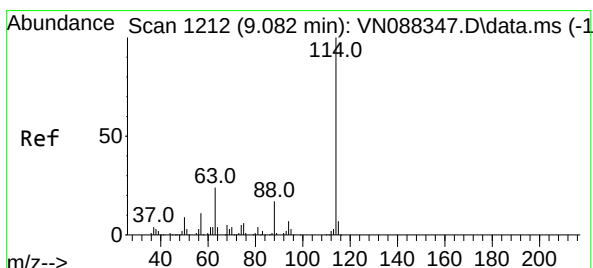
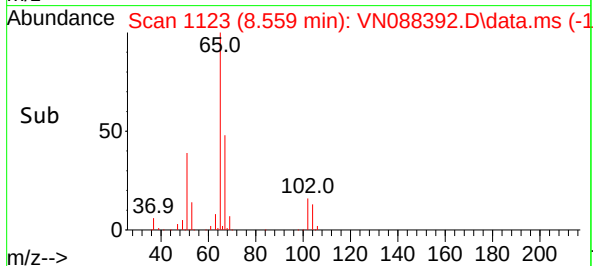
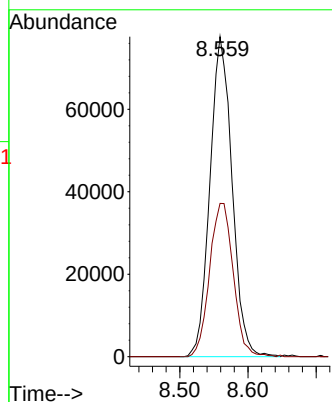
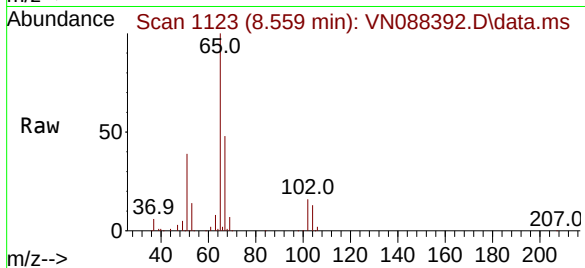
TW-1125-1

Tgt Ion: 65 Resp: 175368

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088392.D

Acq: 01 Dec 2025 18:20

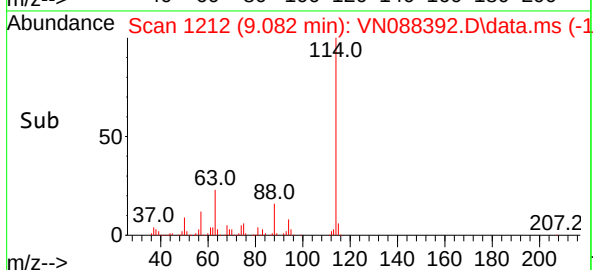
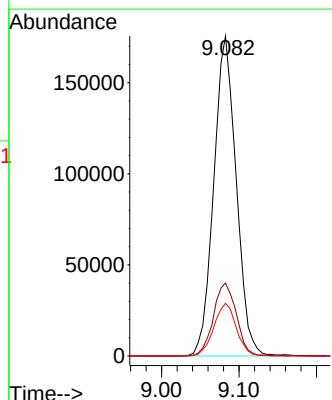
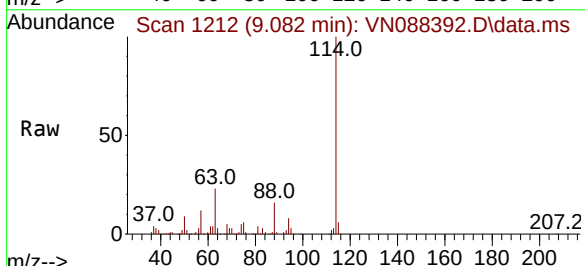
Tgt Ion: 114 Resp: 353552

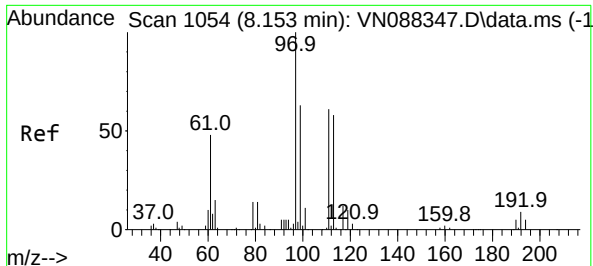
Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.0

88 16.4 0.0 34.0

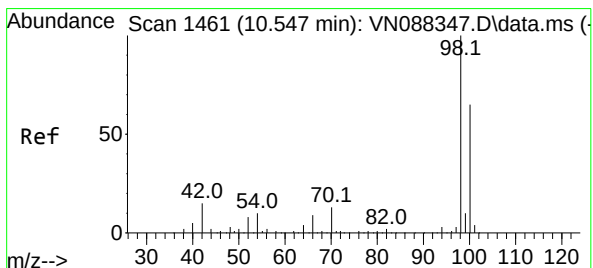
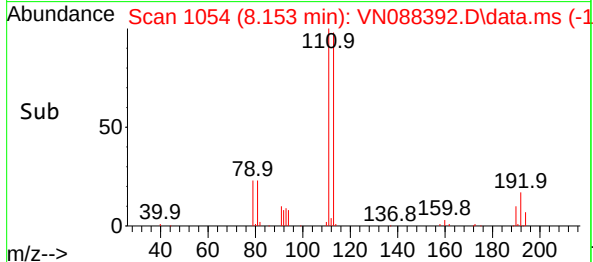
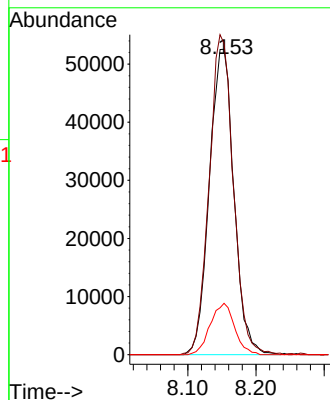
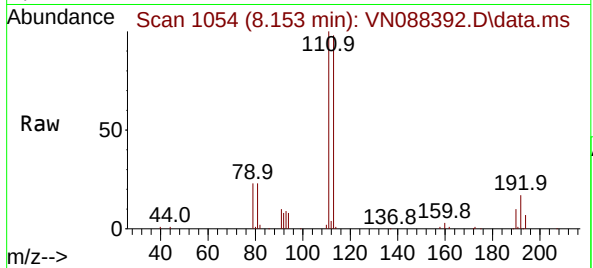




#35
Dibromofluoromethane
Concen: 53.766 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

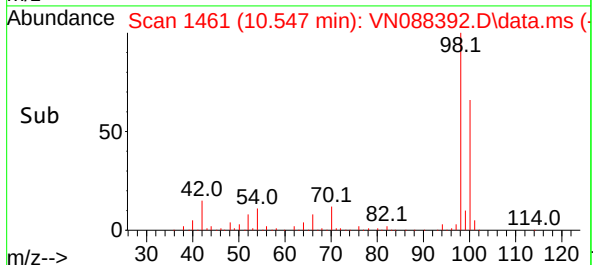
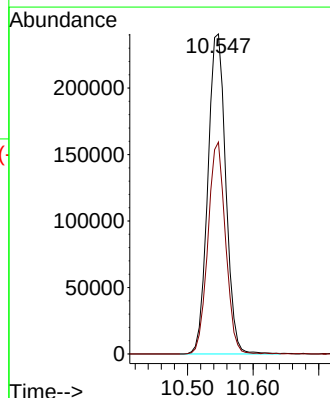
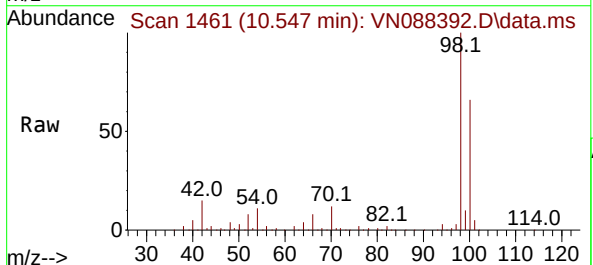
Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

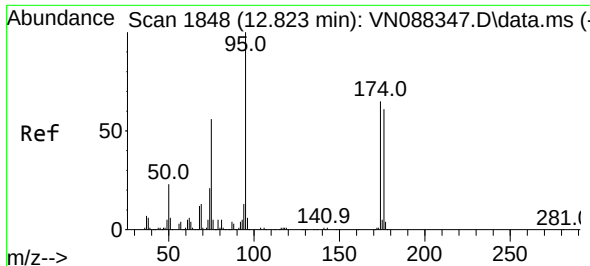
Tgt Ion:113 Resp: 131731
Ion Ratio Lower Upper
113 100
111 102.9 82.5 123.7
192 16.7 12.8 19.2



#50
Toluene-d8
Concen: 50.240 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

Tgt Ion: 98 Resp: 458002
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

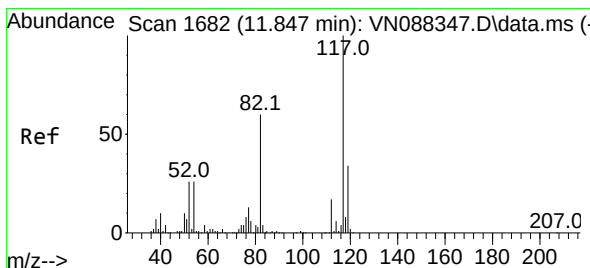
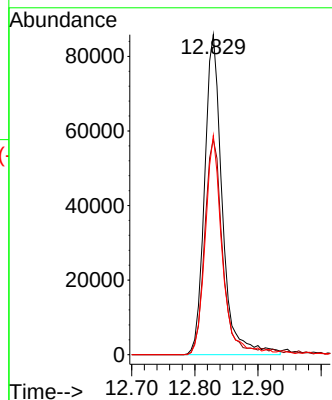
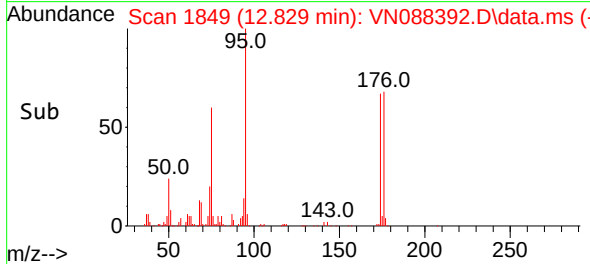
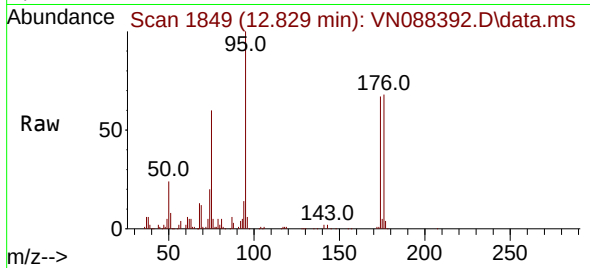




#62
4-Bromofluorobenzene
Concen: 53.353 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

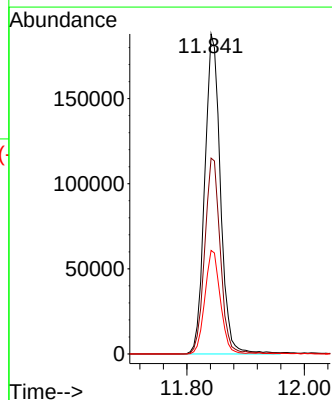
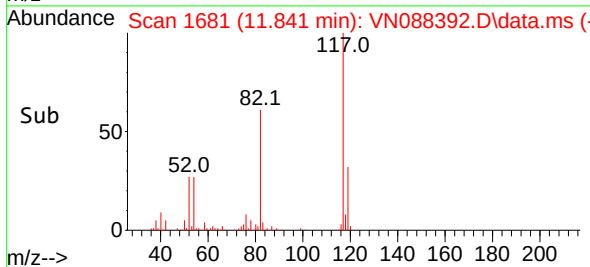
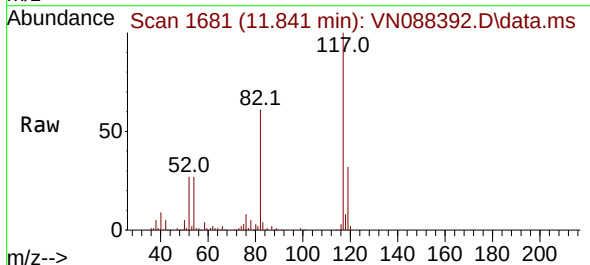
Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1

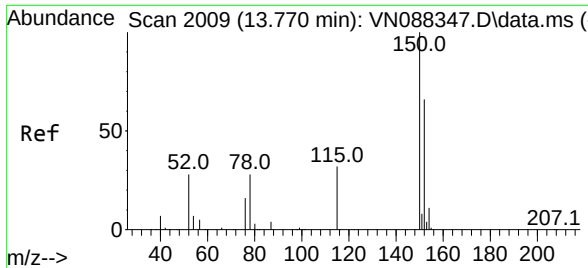
Tgt Ion: 95 Resp: 166885
Ion Ratio Lower Upper
95 100
174 67.7 0.0 139.0
176 66.4 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

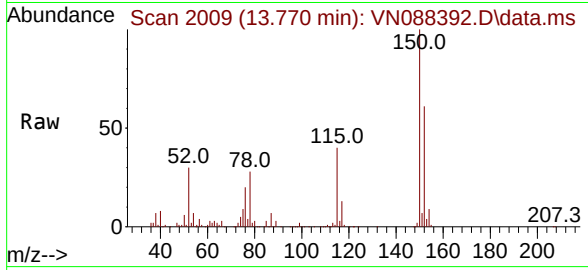
Tgt Ion: 117 Resp: 347429
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.4 26.9 40.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN088392.D
Acq: 01 Dec 2025 18:20

Instrument :
MSVOA_N
ClientSampleId :
TW-1125-1



Tgt Ion:	152	Resp:	164080
Ion	Ratio	Lower	Upper
152	100		
115	63.8	33.0	98.9
150	158.0	0.0	349.0

