

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088422.D
 Acq On : 03 Dec 2025 12:52
 Operator : JC\MD
 Sample : Q3756-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-120225

Quant Time: Dec 04 00:17:35 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)

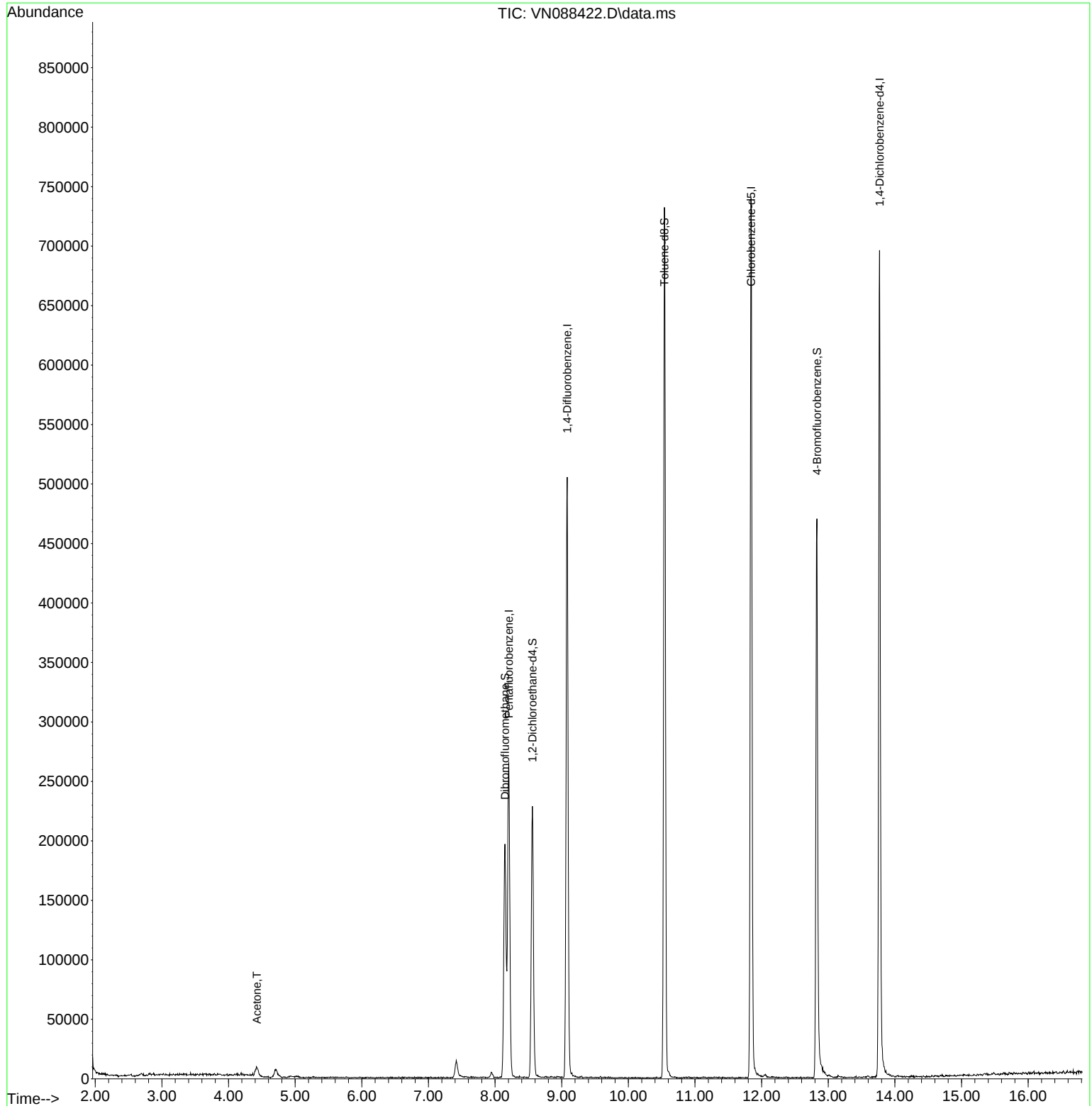
Internal Standards						
1) Pentafluorobenzene	8.206	168	173573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	400248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	182664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	192679	58.927	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.860%	
35) Dibromofluoromethane	8.147	113	139816	50.408	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.820%	
50) Toluene-d8	10.541	98	482687	46.771	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.540%	
62) 4-Bromofluorobenzene	12.829	95	172026	48.580	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.160%	
Target Compounds						
16) Acetone	4.424	43	16363	13.837	ug/l	Qvalue 99

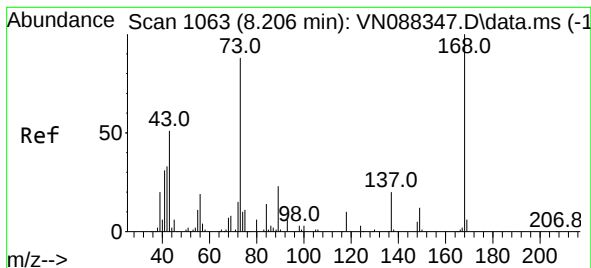
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.206 min Scan# 10

Delta R.T. 0.000 min

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ClientSampleId :

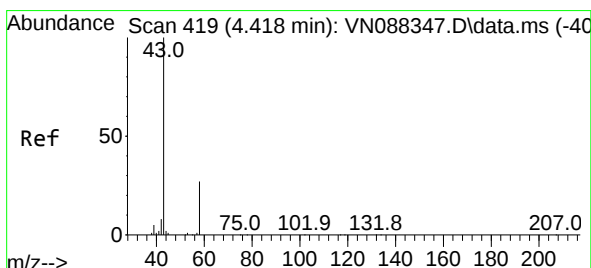
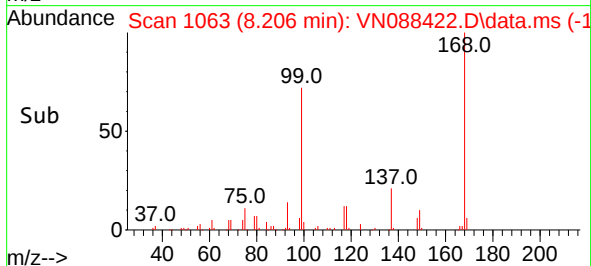
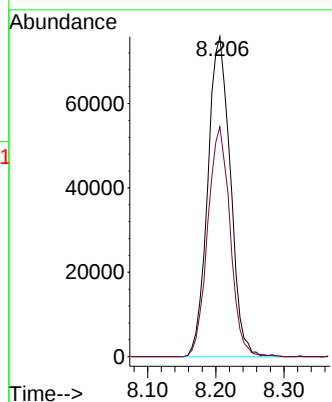
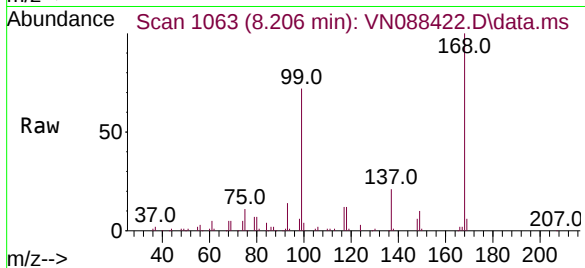
EB01-120225

Tgt Ion:168 Resp: 173573

Ion Ratio Lower Upper

168 100

99 71.8 57.1 85.7



#16

Acetone

Concen: 13.837 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN088422.D

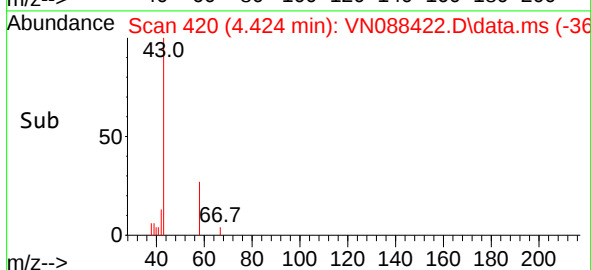
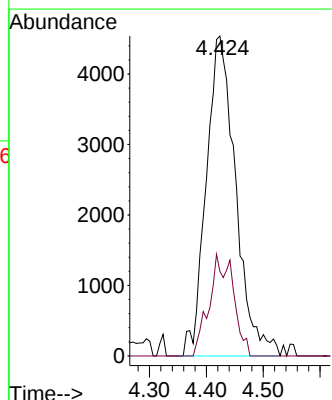
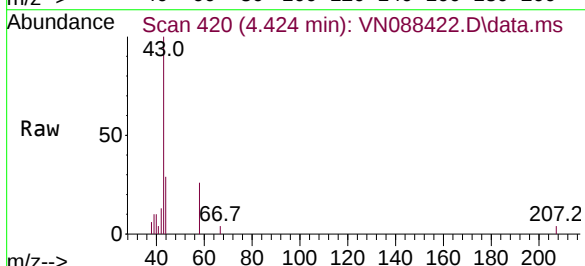
Acq: 03 Dec 2025 12:52

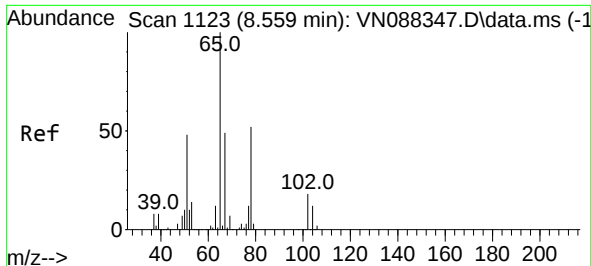
Tgt Ion: 43 Resp: 16363

Ion Ratio Lower Upper

43 100

58 26.4 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 58.927 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088422.D

Acq: 03 Dec 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

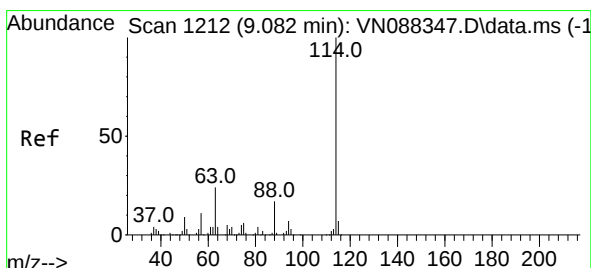
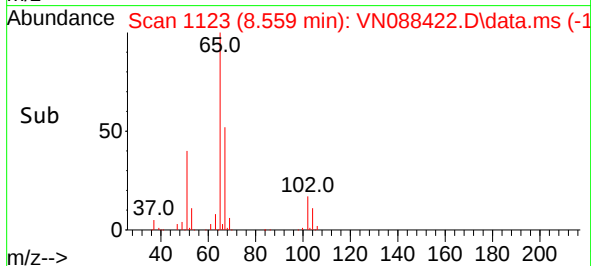
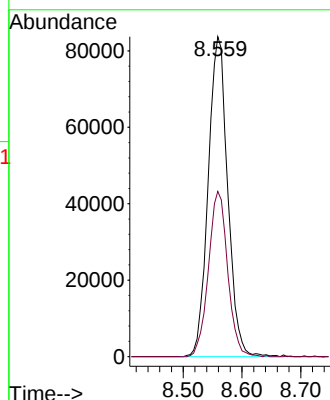
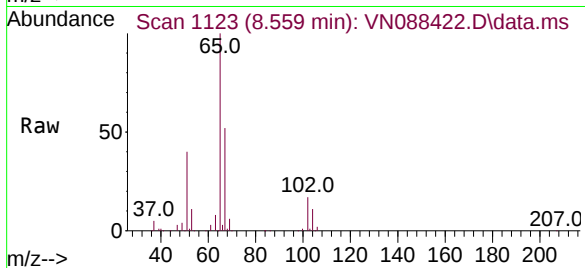
EB01-120225

Tgt Ion: 65 Resp: 192679

Ion Ratio Lower Upper

65 100

67 50.9 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: VN088422.D

Acq: 03 Dec 2025 12:52

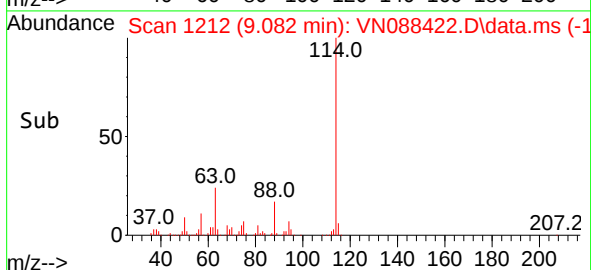
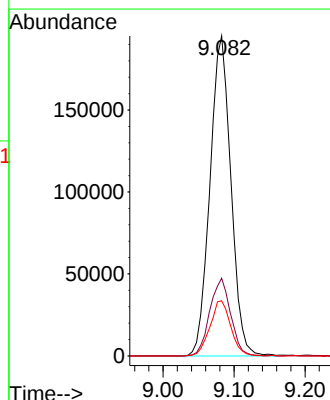
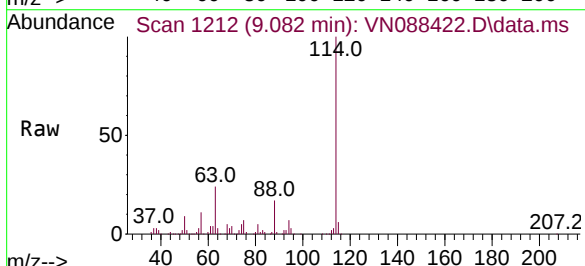
Tgt Ion: 114 Resp: 400248

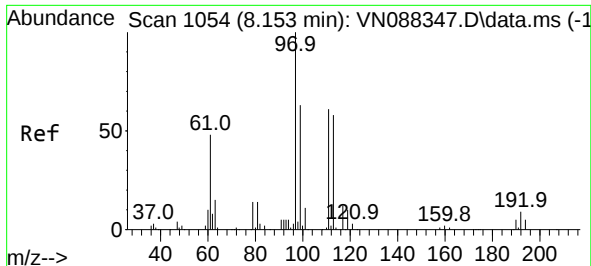
Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.0

88 17.2 0.0 34.0

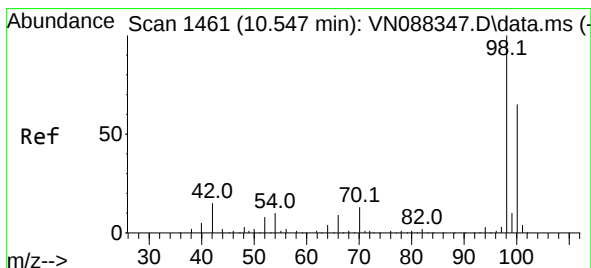
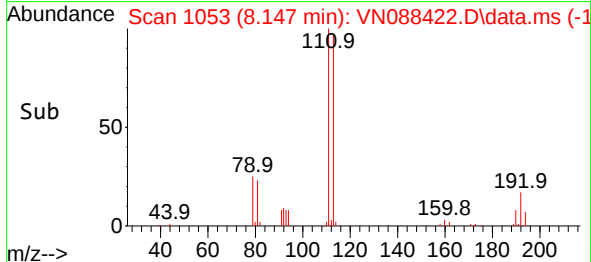
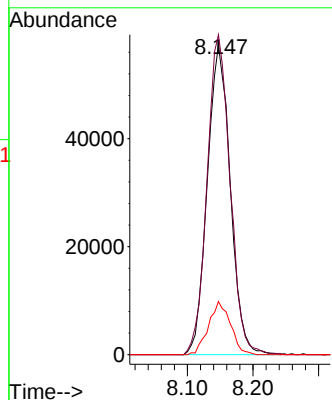
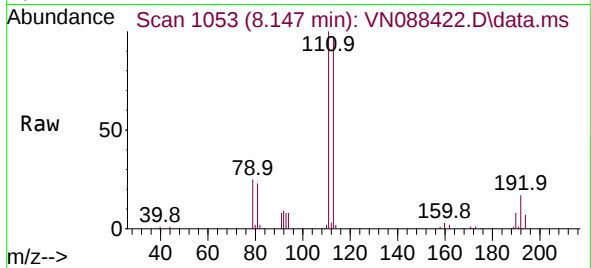




#35
Dibromofluoromethane
Concen: 50.408 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088422.D
Acq: 03 Dec 2025 12:52

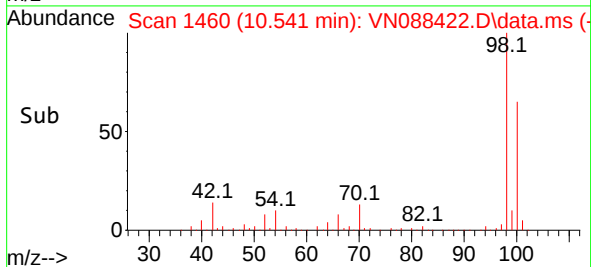
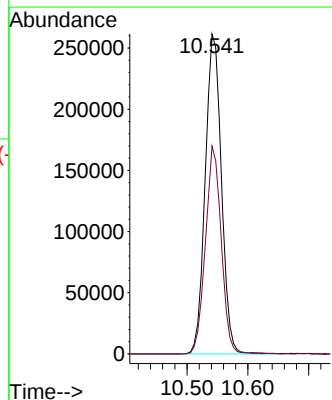
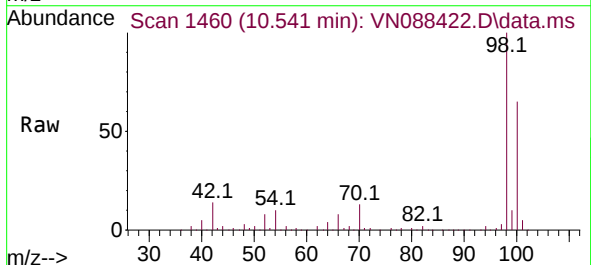
Instrument :
MSVOA_N
ClientSampleId :
EB01-120225

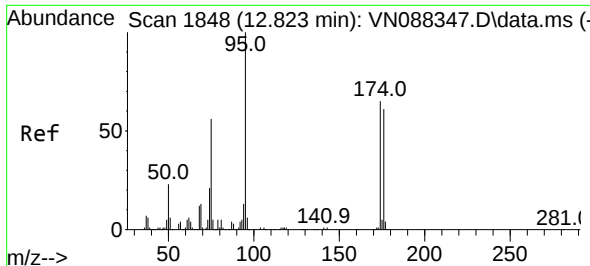
Tgt Ion:113 Resp: 139816
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 16.3 12.8 19.2



#50
Toluene-d8
Concen: 46.771 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088422.D
Acq: 03 Dec 2025 12:52

Tgt Ion: 98 Resp: 482687
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2

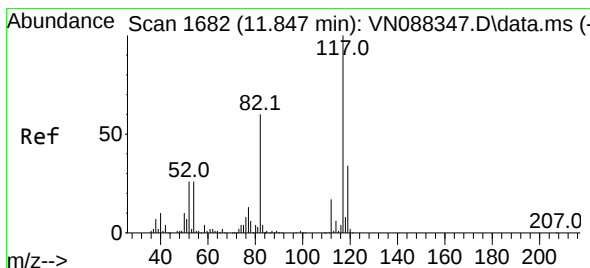
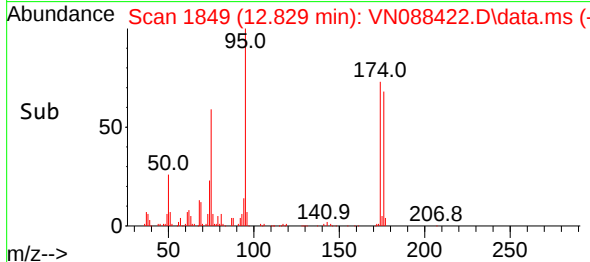
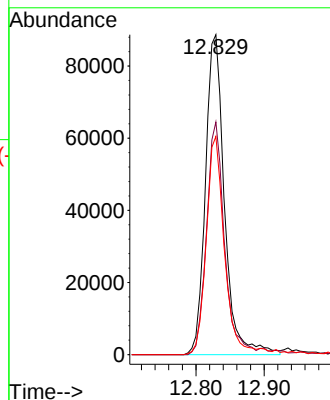
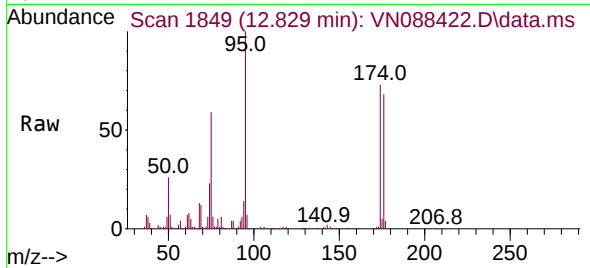




#62
4-Bromofluorobenzene
Concen: 48.580 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN088422.D
Acq: 03 Dec 2025 12:52

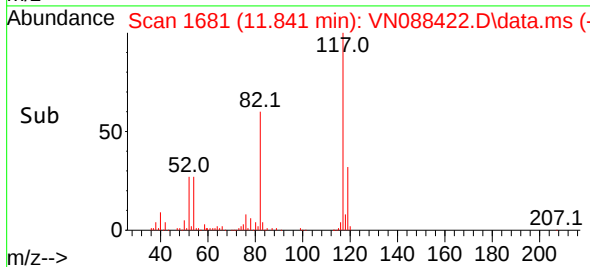
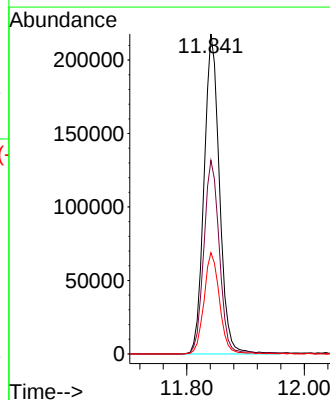
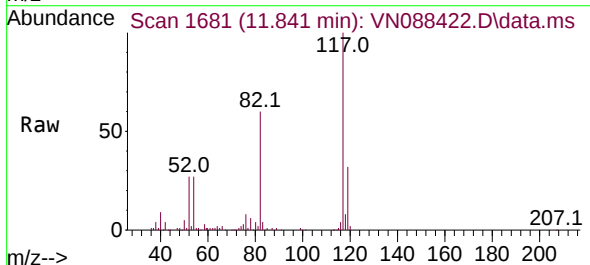
Instrument :
MSVOA_N
ClientSampleId :
EB01-120225

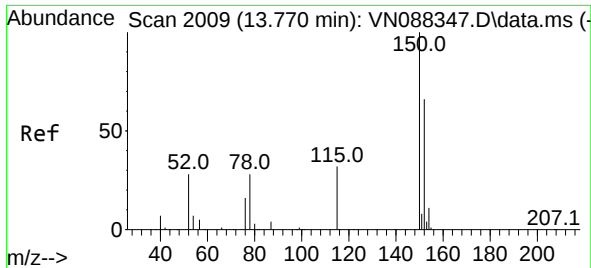
Tgt Ion: 95 Resp: 172026
Ion Ratio Lower Upper
95 100
174 68.3 0.0 139.0
176 65.4 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088422.D
Acq: 03 Dec 2025 12:52

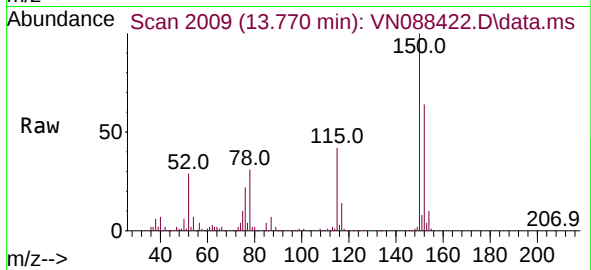
Tgt Ion: 117 Resp: 396303
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 31.6 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088422.D
 Acq: 03 Dec 2025 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-120225



Tgt Ion:152 Resp: 182664
 Ion Ratio Lower Upper
 152 100
 115 65.3 33.0 98.9
 150 157.8 0.0 349.0

