

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088533.D
 Acq On : 16 Dec 2025 16:48
 Operator : JC\MD
 Sample : Q3852-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AI COVE 16 20"

Quant Time: Dec 17 01:45:05 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)

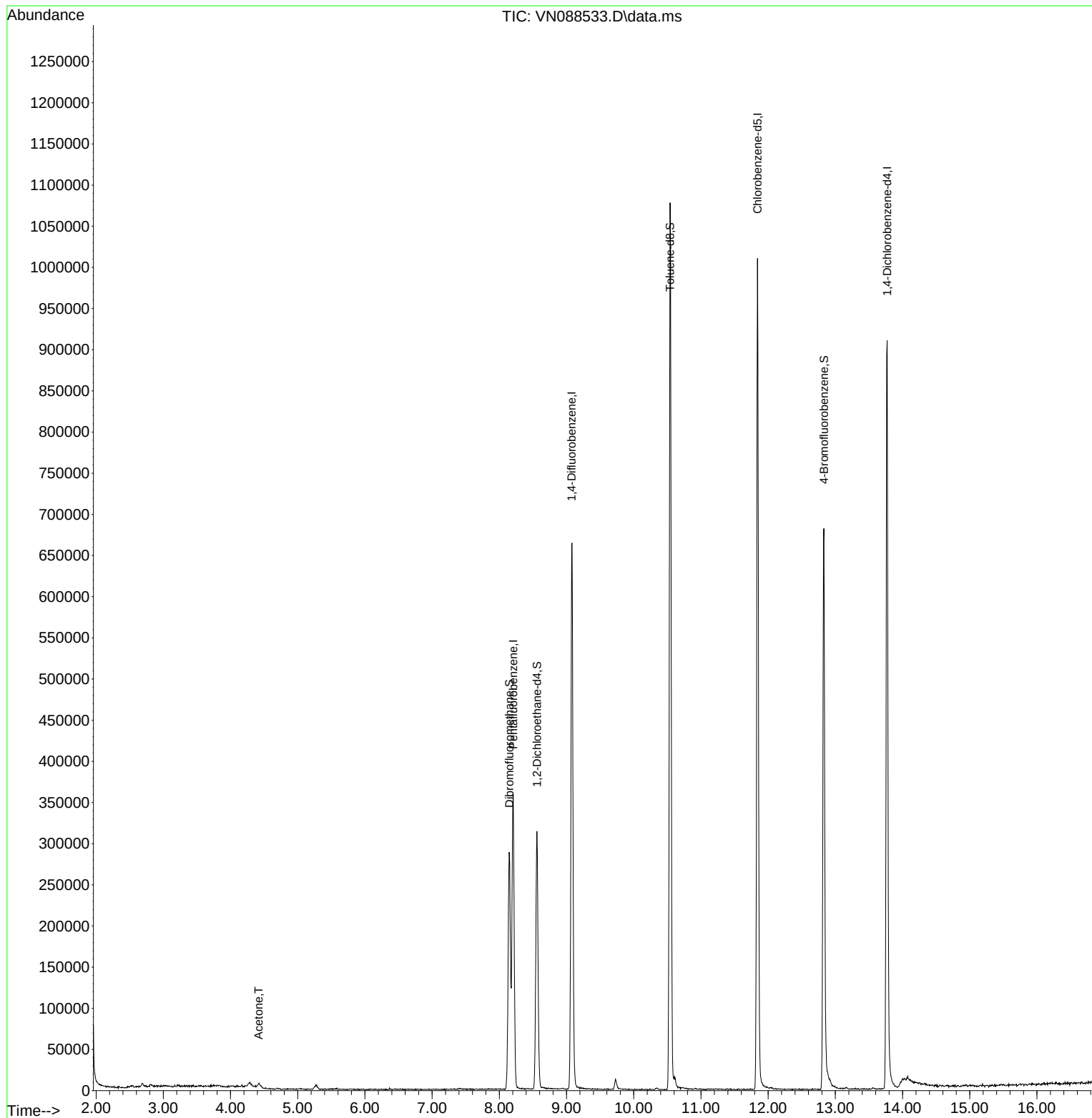
Internal Standards						
1) Pentafluorobenzene	8.206	168	242771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	554593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	557128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	258862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	266901	58.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.720%
35) Dibromofluoromethane	8.147	113	206758	53.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.600%
50) Toluene-d8	10.541	98	731622	51.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.829	95	269891	55.005	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.020%
Target Compounds						
16) Acetone	4.418	43	11169	6.753	ug/l	Qvalue 99

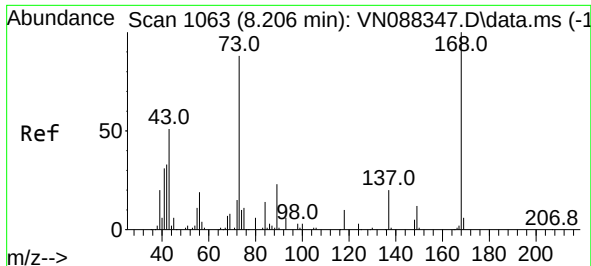
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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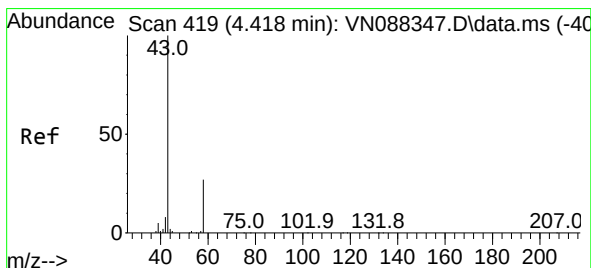
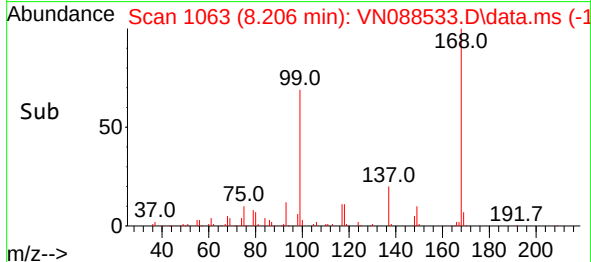
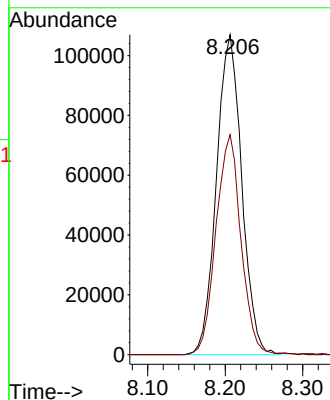
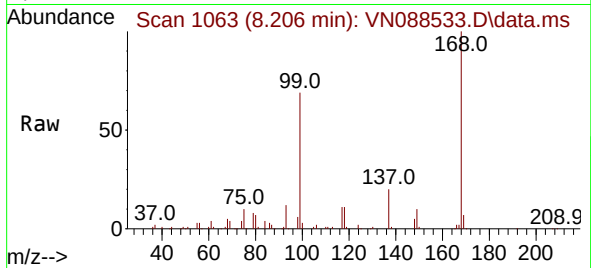




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088533.D
Acq: 16 Dec 2025 16:48

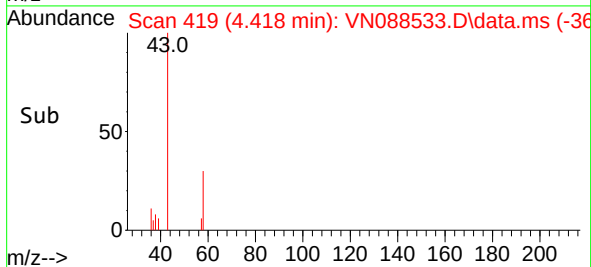
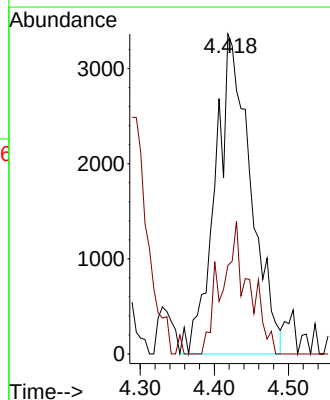
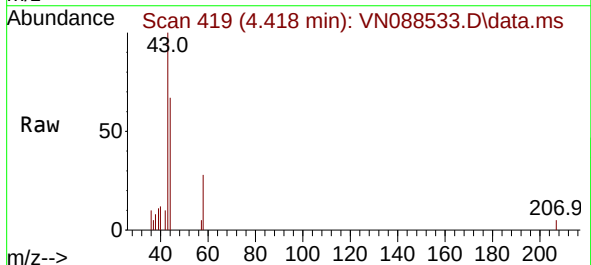
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 16 20"

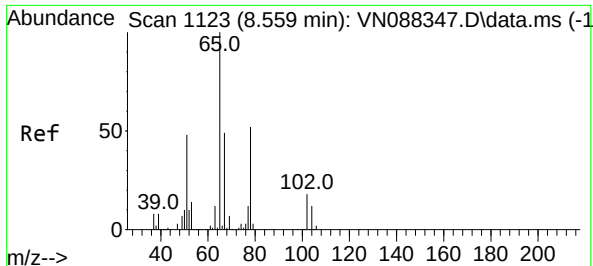
Tgt Ion:168 Resp: 242771
Ion Ratio Lower Upper
168 100
99 68.8 57.1 85.7



#16
Acetone
Concen: 6.753 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088533.D
Acq: 16 Dec 2025 16:48

Tgt Ion: 43 Resp: 11169
Ion Ratio Lower Upper
43 100
58 27.6 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 58.360 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088533.D

Acq: 16 Dec 2025 16:48

Instrument :

MSVOA_N

ClientSampleId :

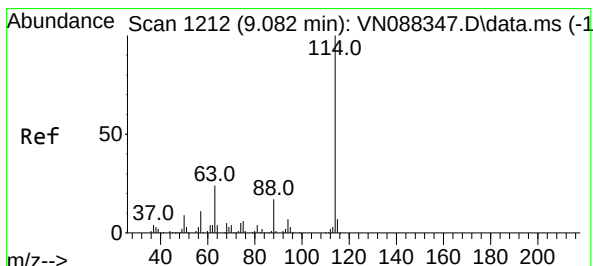
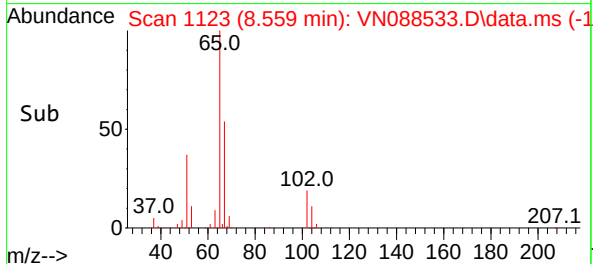
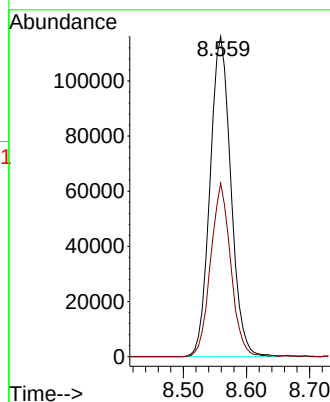
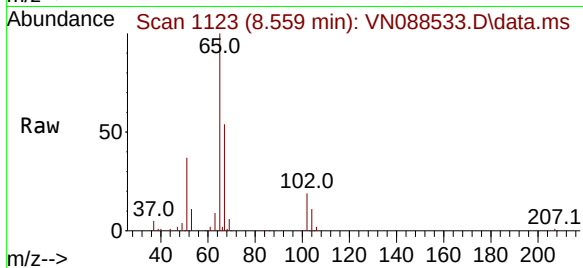
AI COVE 16 20"

Tgt Ion: 65 Resp: 266901

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088533.D

Acq: 16 Dec 2025 16:48

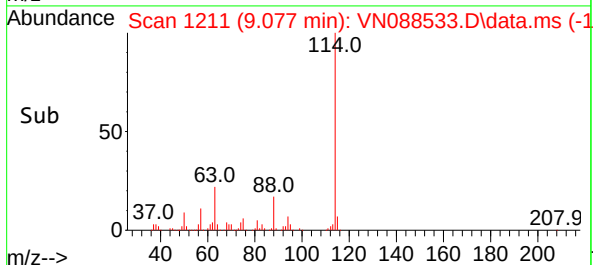
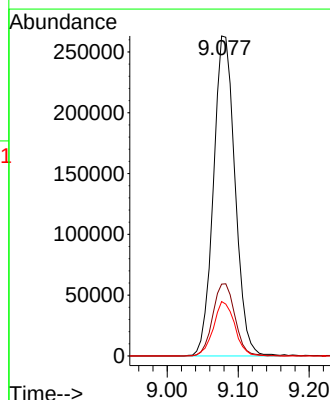
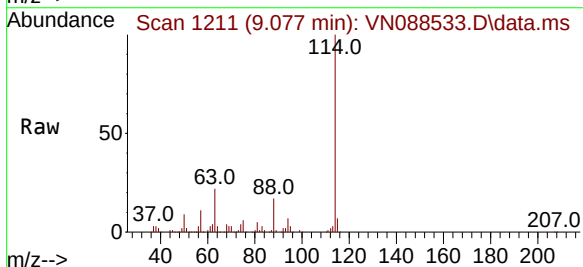
Tgt Ion: 114 Resp: 554593

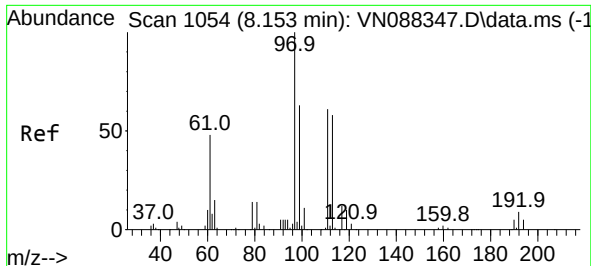
Ion Ratio Lower Upper

114 100

63 22.5 0.0 49.0

88 17.0 0.0 34.0

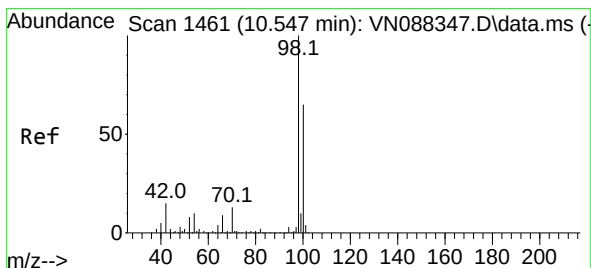
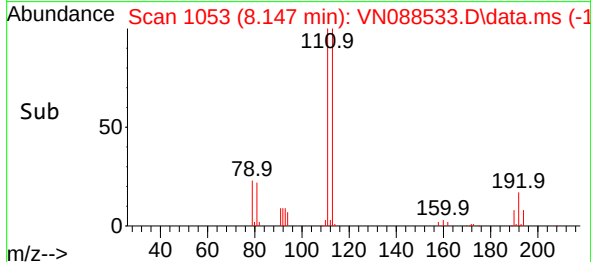
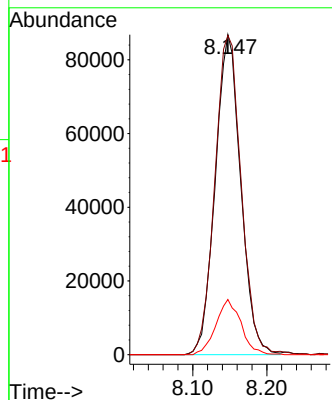
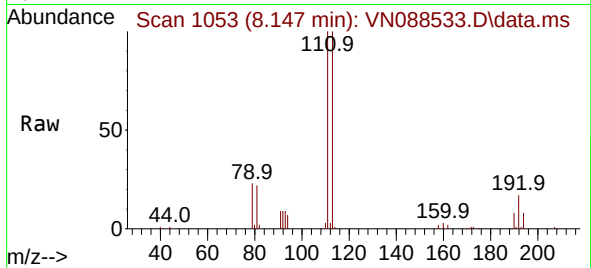




#35
Dibromofluoromethane
Concen: 53.797 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088533.D
Acq: 16 Dec 2025 16:48

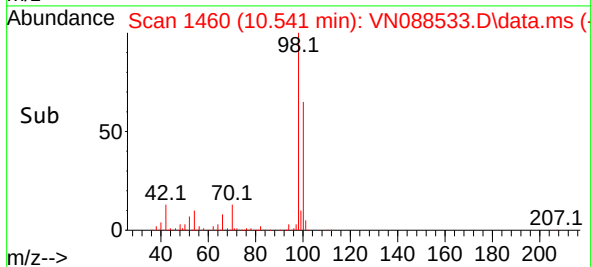
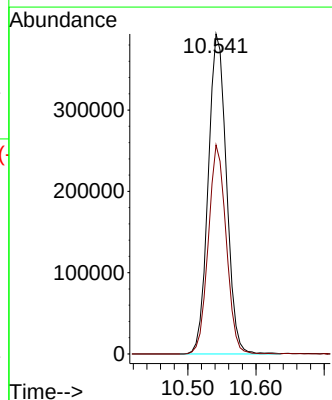
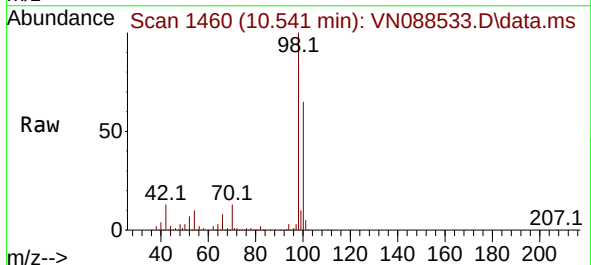
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 16 20"

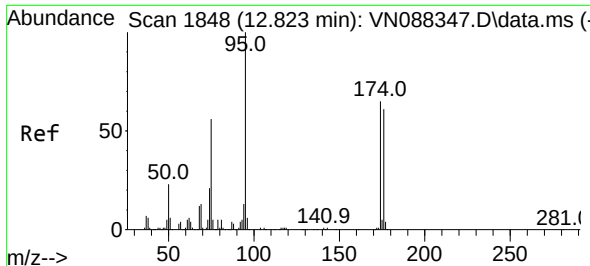
Tgt Ion:113 Resp: 206758
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 17.1 12.8 19.2



#50
Toluene-d8
Concen: 51.162 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088533.D
Acq: 16 Dec 2025 16:48

Tgt Ion: 98 Resp: 731622
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2

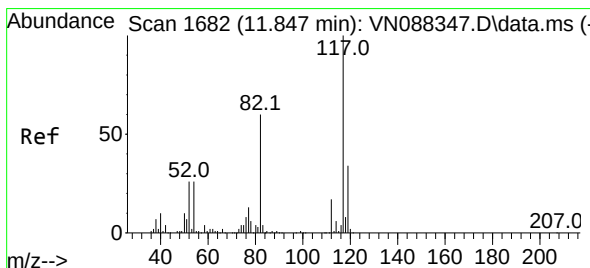
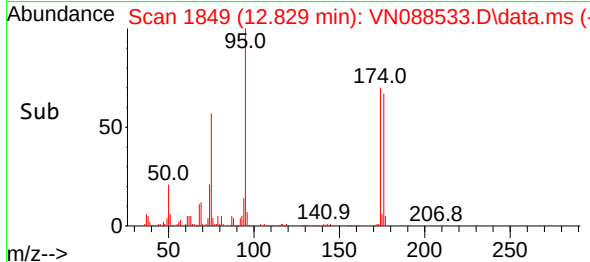
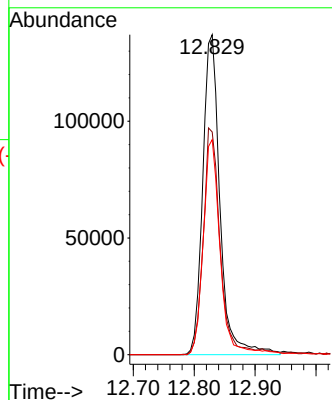
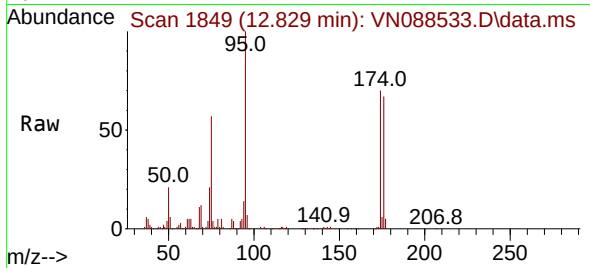




#62
4-Bromofluorobenzene
Concen: 55.005 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088533.D
Acq: 16 Dec 2025 16:48

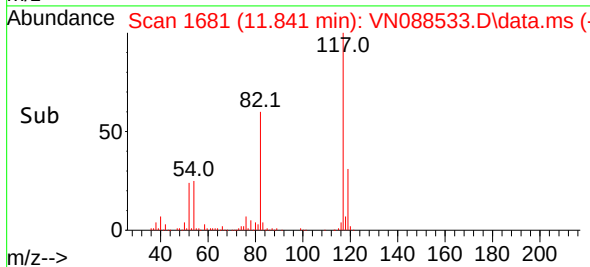
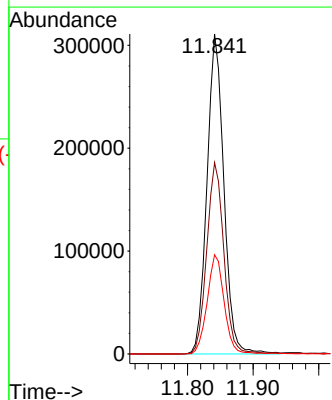
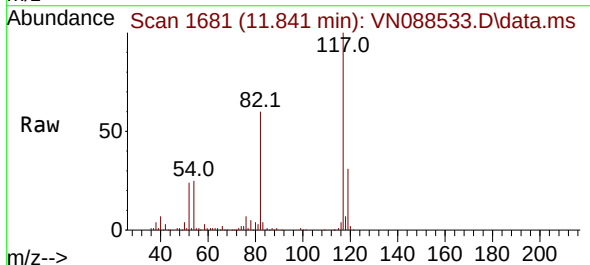
Instrument :
MSVOA_N
ClientSampleId :
AI COVE 16 20"

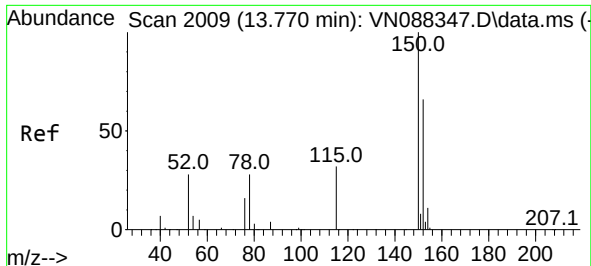
Tgt Ion: 95 Resp: 269891
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.0
176 66.3 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088533.D
Acq: 16 Dec 2025 16:48

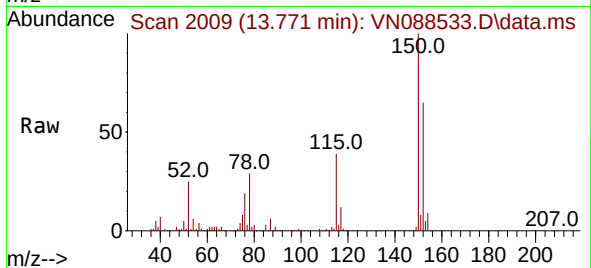
Tgt Ion: 117 Resp: 557128
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.0 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088533.D
 Acq: 16 Dec 2025 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 AI COVE 16 20"



Tgt Ion:152 Resp: 258862
 Ion Ratio Lower Upper
 152 100
 115 62.0 33.0 98.9
 150 157.8 0.0 349.0

