

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088523.D
 Acq On : 16 Dec 2025 13:25
 Operator : JC\MD
 Sample : Q3862-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP02-MH09-WC

Quant Time: Dec 17 01:40:23 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)

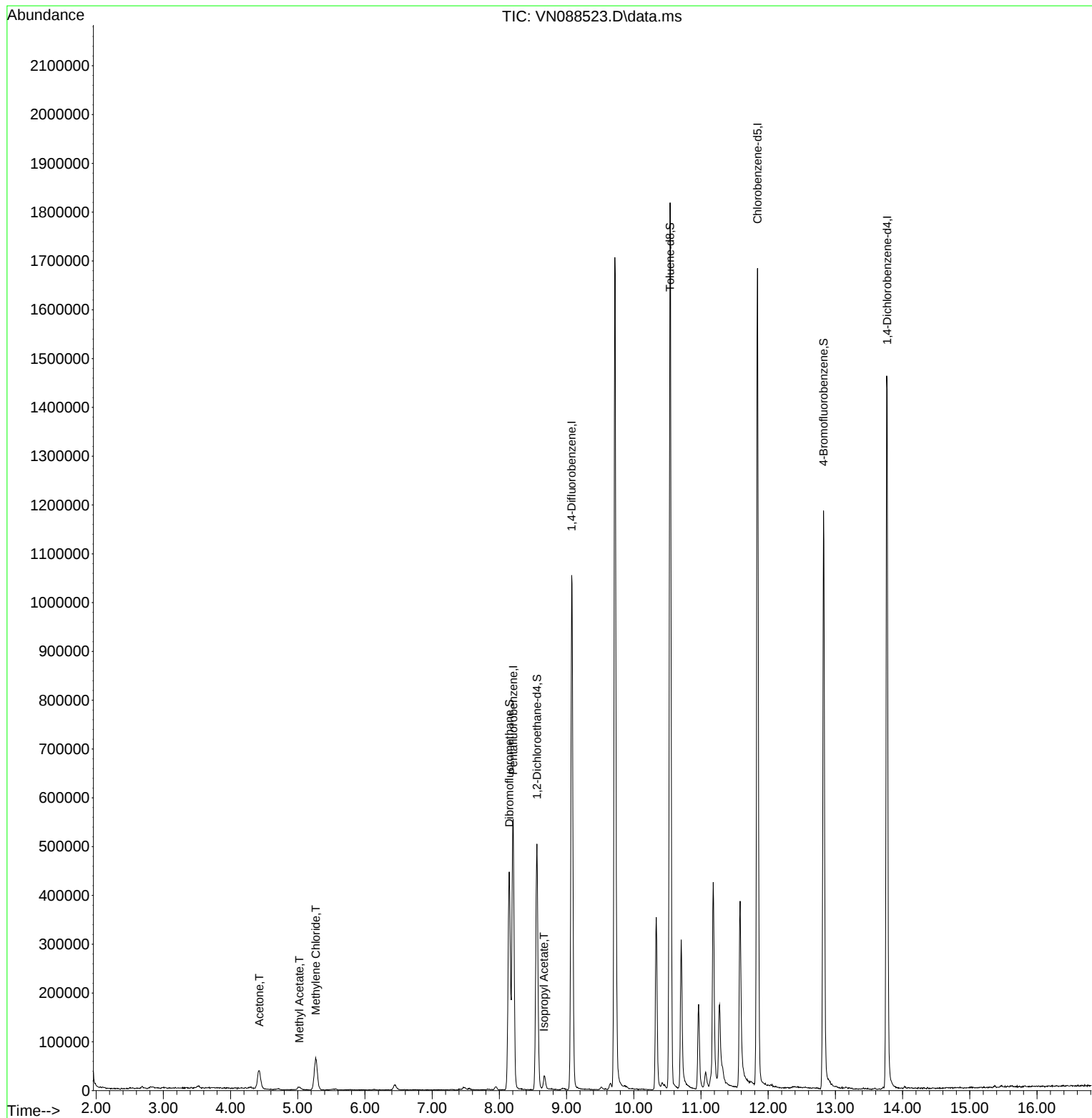
Internal Standards						
1) Pentafluorobenzene	8.206	168	379556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	875774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	924365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	400354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	428963	59.994	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.980%
35) Dibromofluoromethane	8.147	113	323379	53.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	10.541	98	1202948	53.271	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.823	95	440866	56.899	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.800%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	83269	32.202	ug/l	96
18) Methyl Acetate	5.024	43	14360	1.866	ug/l	94
20) Methylene Chloride	5.271	84	52338	9.460	ug/l #	84
43) Isopropyl Acetate	8.665	43	35315	1.877	ug/l #	89

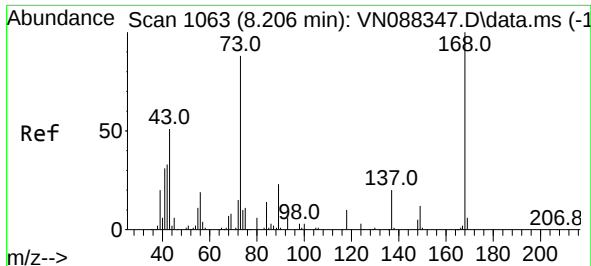
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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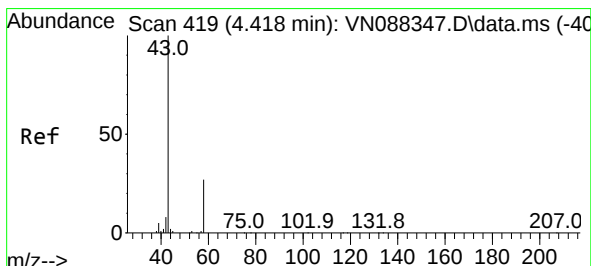
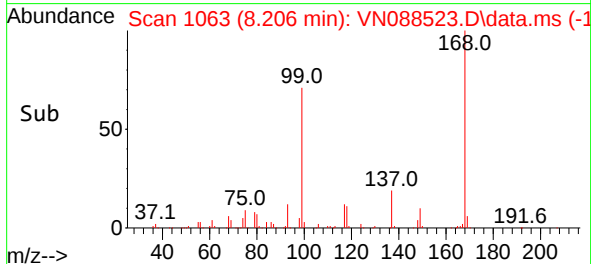
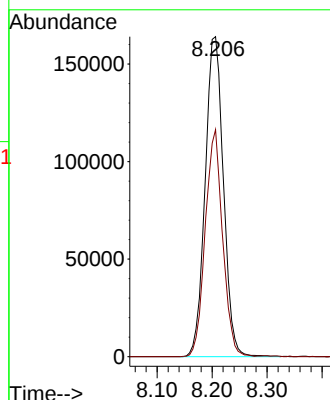
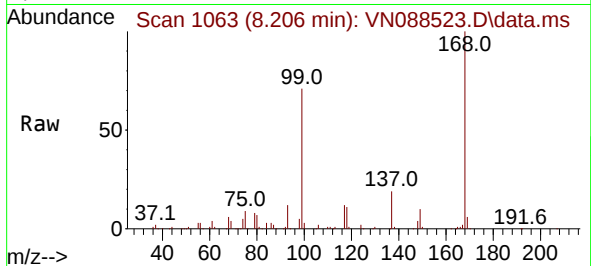




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

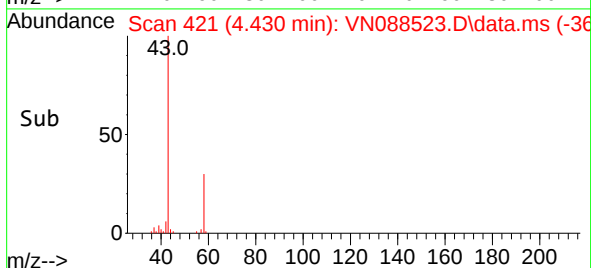
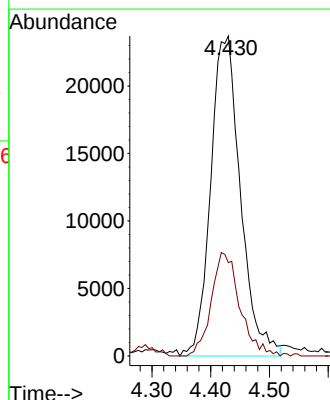
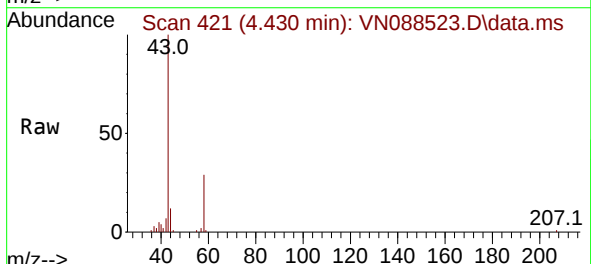
Instrument :
MSVOA_N
ClientSampleId :
TP02-MH09-WC

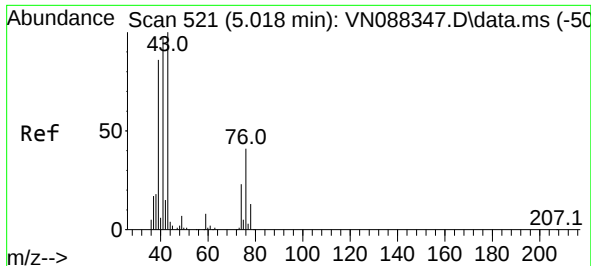
Tgt Ion:168 Resp: 379556
Ion Ratio Lower Upper
168 100
99 70.9 57.1 85.7



#16
Acetone
Concen: 32.202 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

Tgt Ion: 43 Resp: 83269
Ion Ratio Lower Upper
43 100
58 29.2 21.7 32.5

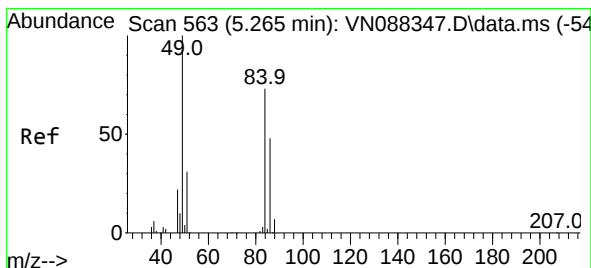
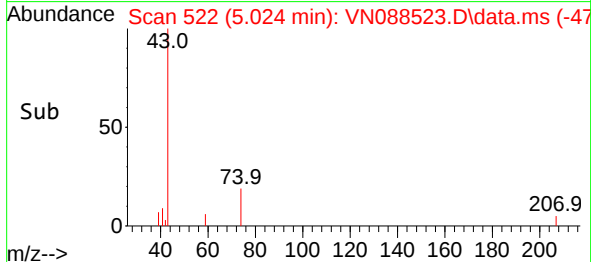
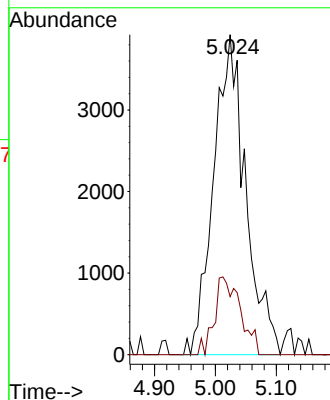
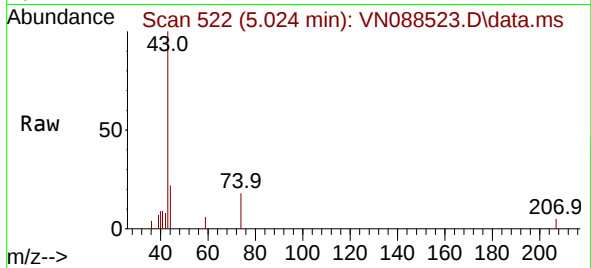




#18
Methyl Acetate
Concen: 1.866 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

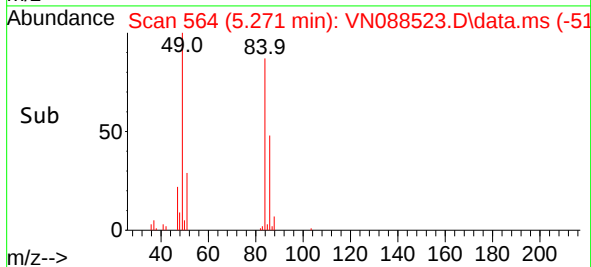
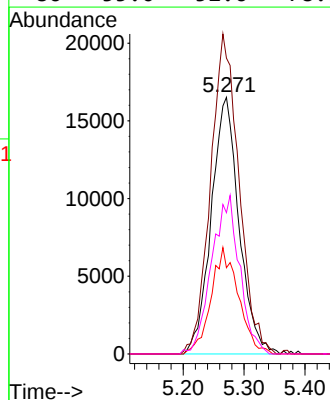
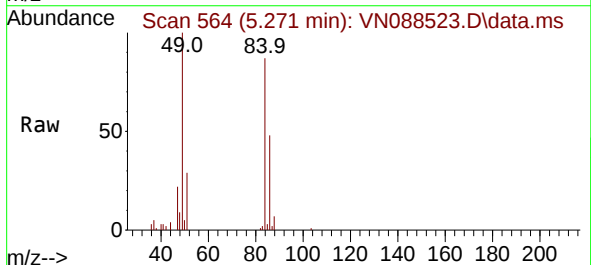
Instrument :
MSVOA_N
ClientSampleId :
TP02-MH09-WC

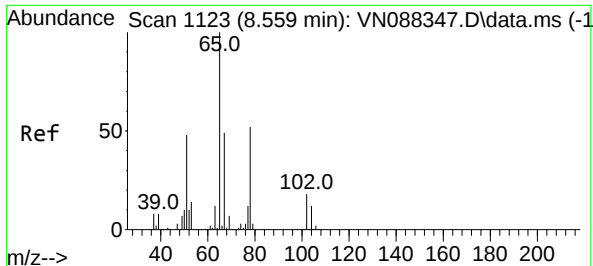
Tgt Ion: 43 Resp: 14360
Ion Ratio Lower Upper
43 100
74 19.6 17.9 26.9



#20
Methylene Chloride
Concen: 9.460 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

Tgt Ion: 84 Resp: 52338
Ion Ratio Lower Upper
84 100
49 115.3 110.2 165.2
51 33.6 34.1 51.1#
86 55.0 52.6 78.8





#33

1,2-Dichloroethane-d4

Concen: 59.994 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088523.D

Acq: 16 Dec 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

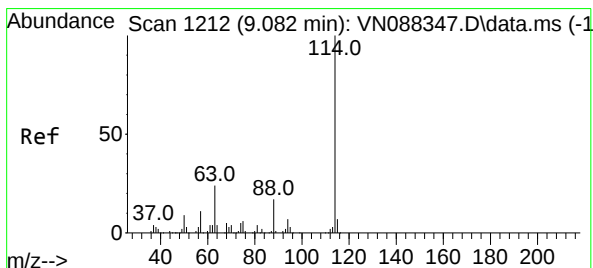
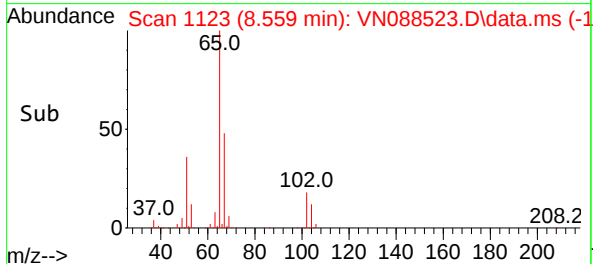
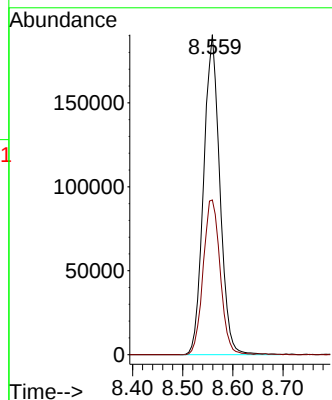
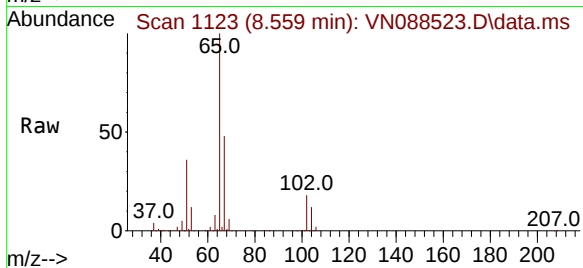
TP02-MH09-WC

Tgt Ion: 65 Resp: 428963

Ion Ratio Lower Upper

65 100

67 50.7 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: VN088523.D

Acq: 16 Dec 2025 13:25

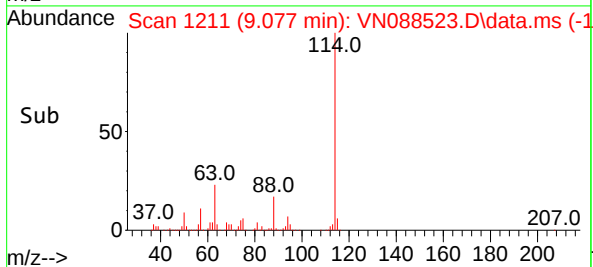
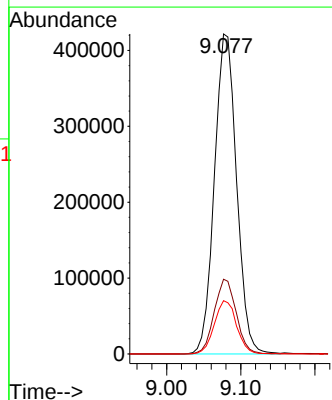
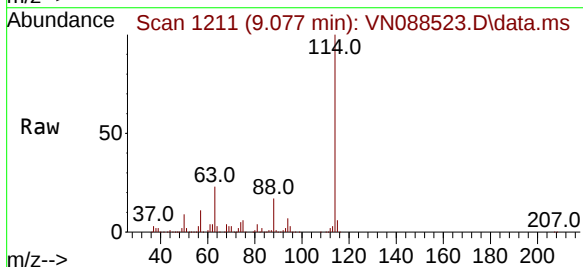
Tgt Ion: 114 Resp: 875774

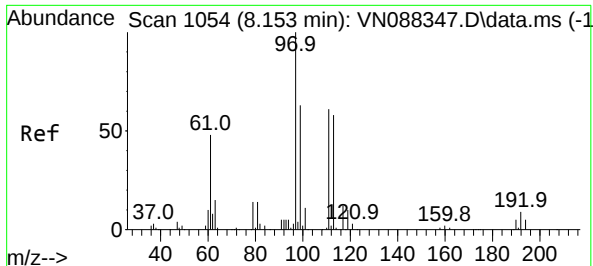
Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.0

88 16.7 0.0 34.0

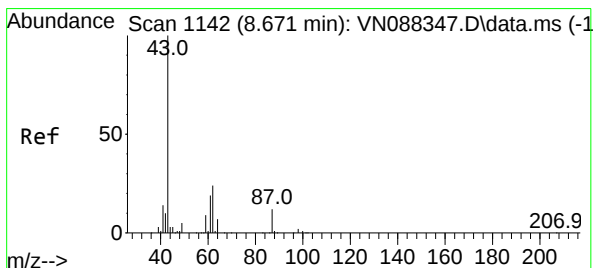
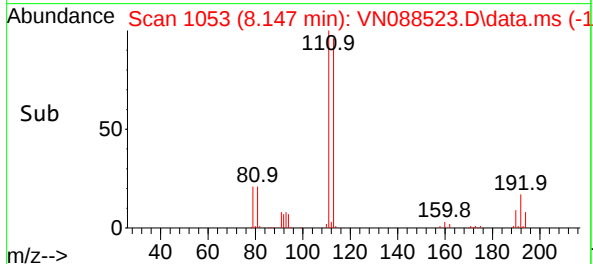
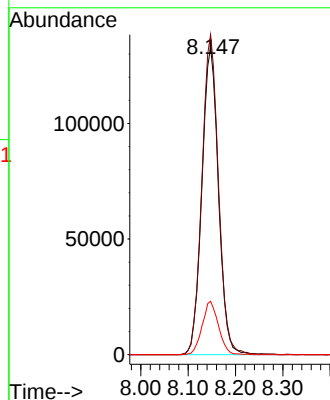
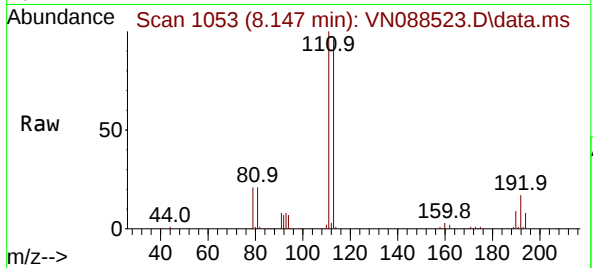




#35
Dibromofluoromethane
Concen: 53.283 ug/l
RT: 8.147 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

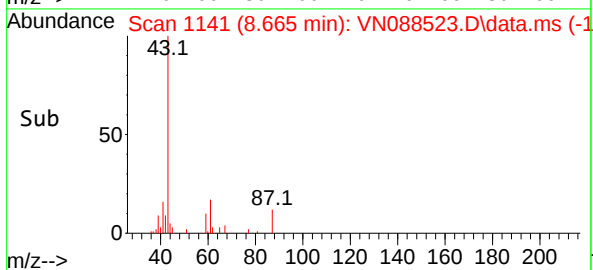
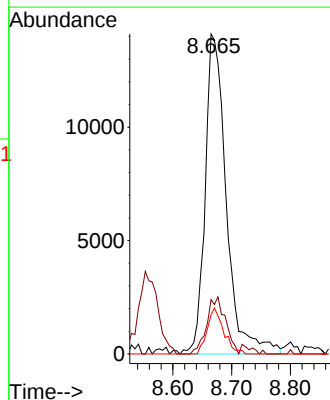
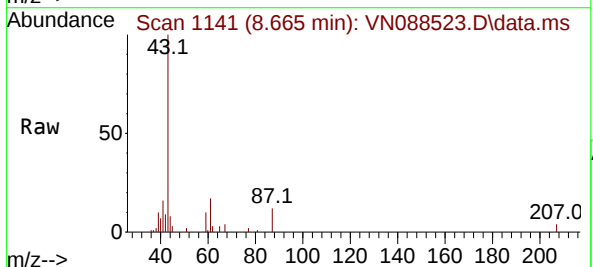
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TP02-MH09-WC

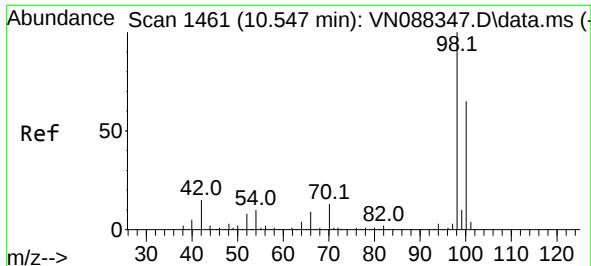
Tgt Ion:113 Resp: 323379
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 17.1 12.8 19.2



#43
Isopropyl Acetate
Concen: 1.877 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

Tgt Ion: 43 Resp: 35315
Ion Ratio Lower Upper
43 100
61 15.8 18.7 28.1#
87 11.1 9.1 13.7

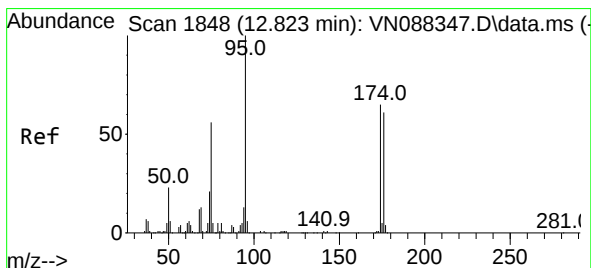
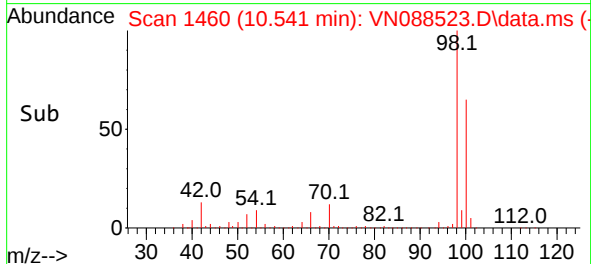
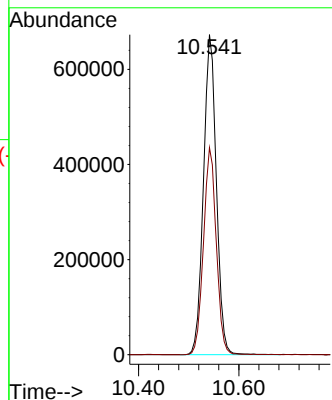
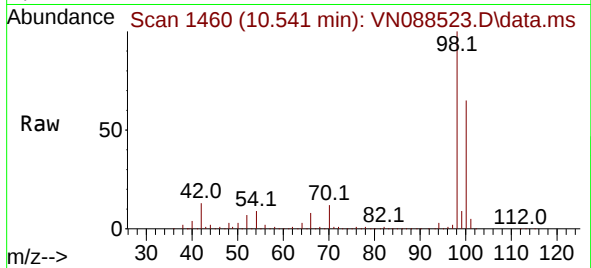




#50
Toluene-d8
Concen: 53.271 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

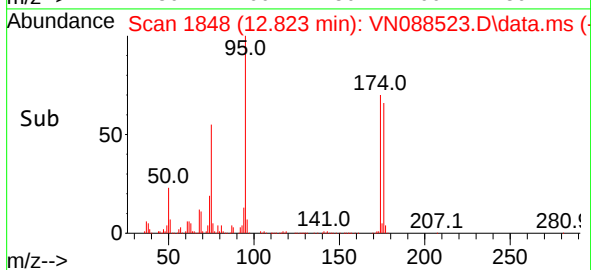
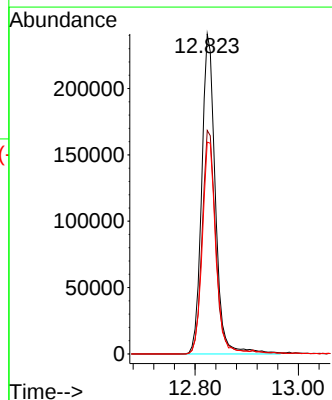
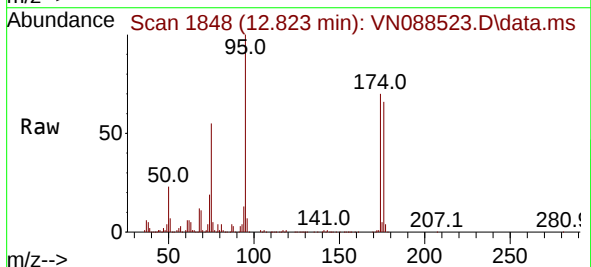
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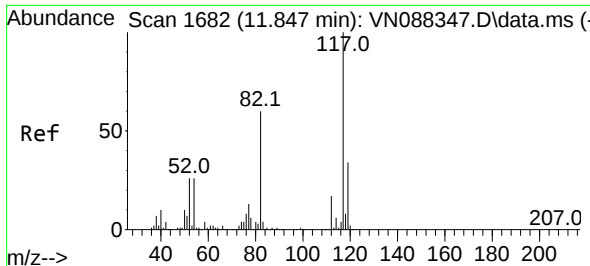
Tgt Ion: 98 Resp: 1202948
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.899 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

Tgt Ion: 95 Resp: 440866
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.0
176 66.0 0.0 132.4

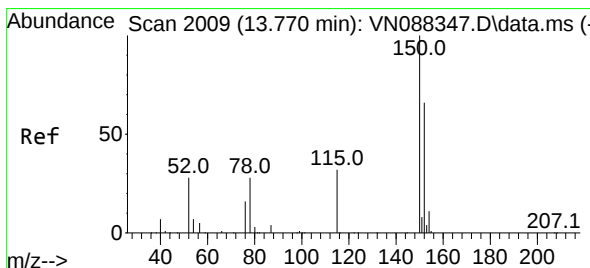
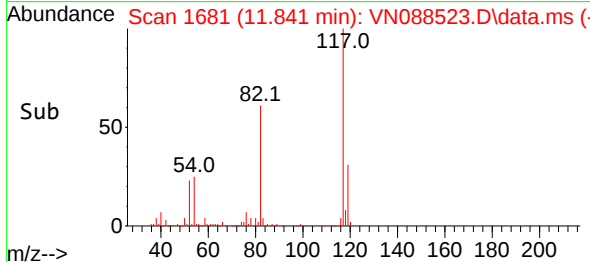
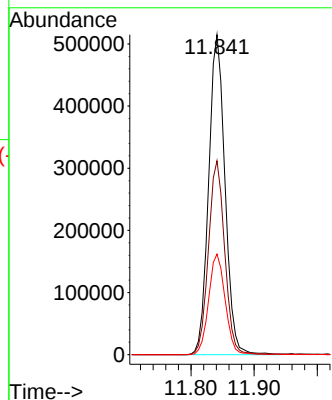
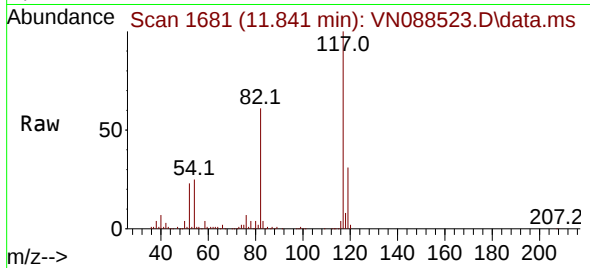




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 924365
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.8
119 31.5 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088523.D
Acq: 16 Dec 2025 13:25

Tgt Ion:152 Resp: 400354
Ion Ratio Lower Upper
152 100
115 63.9 33.0 98.9
150 159.8 0.0 349.0

