

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087216.D
 Acq On : 27 Jun 2025 13:10
 Operator : JC\MD
 Sample : Q2414-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Jun 27 23:43:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

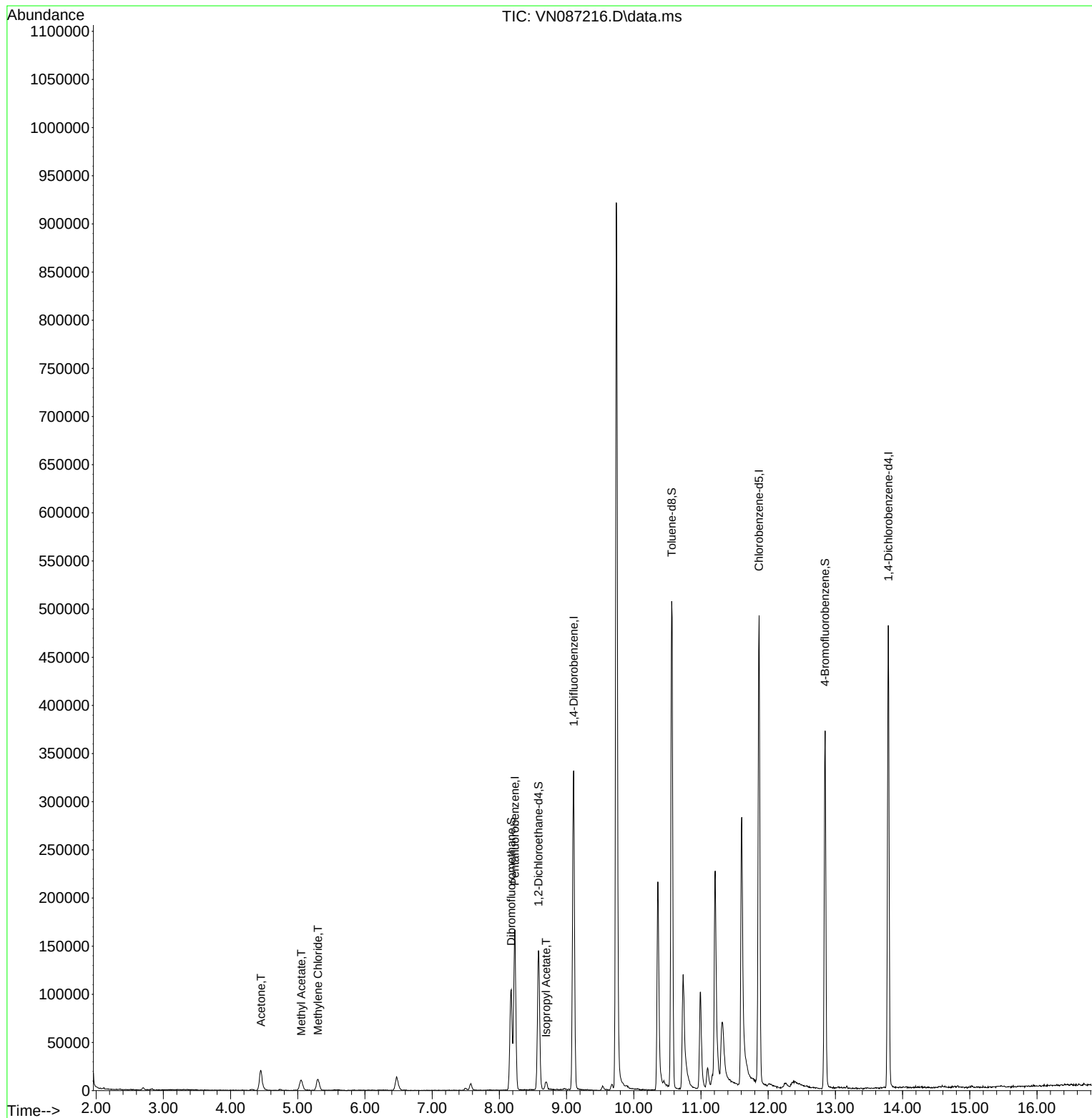
Internal Standards						
1) Pentafluorobenzene	8.230	168	125710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122877	67.922	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	135.840%#
35) Dibromofluoromethane	8.177	113	78957	41.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.360%
50) Toluene-d8	10.565	98	372856	47.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.847	95	143998	52.963	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.920%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	41565	36.633	ug/l	96
18) Methyl Acetate	5.053	43	24409	10.392	ug/l	99
20) Methylene Chloride	5.300	84	9848	4.482	ug/l	92
43) Isopropyl Acetate	8.694	43	10192	1.998	ug/l #	78

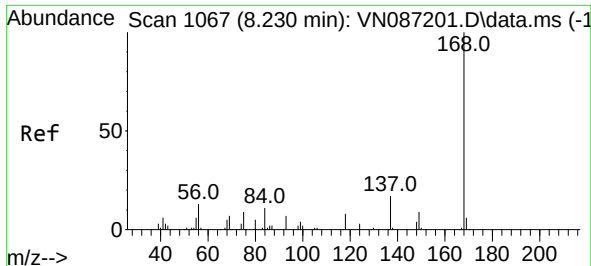
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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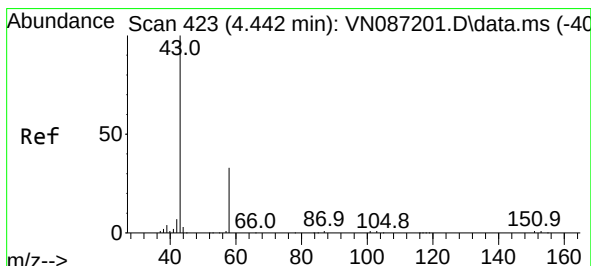
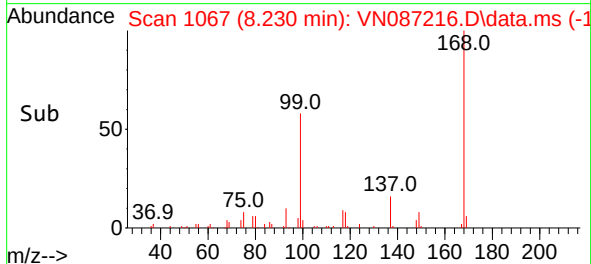
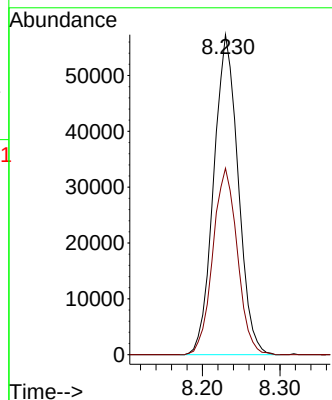
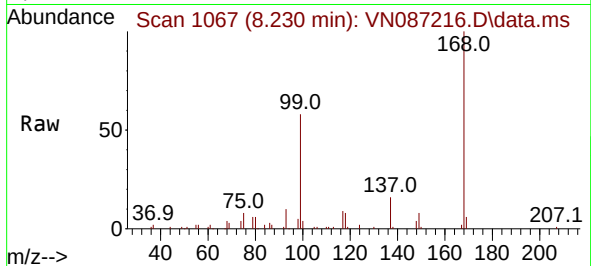




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

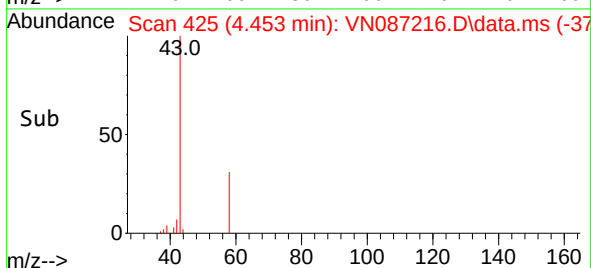
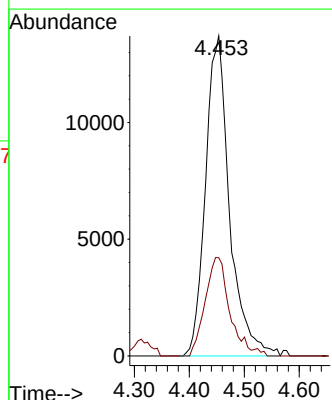
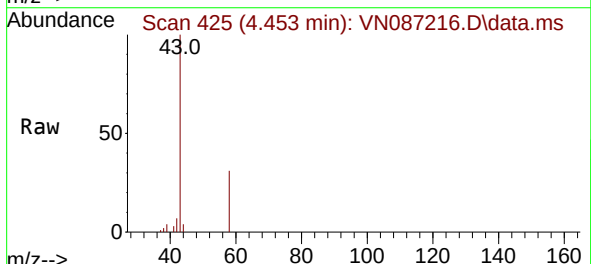
Instrument :
MSVOA_N
ClientSampleId :
WC-1

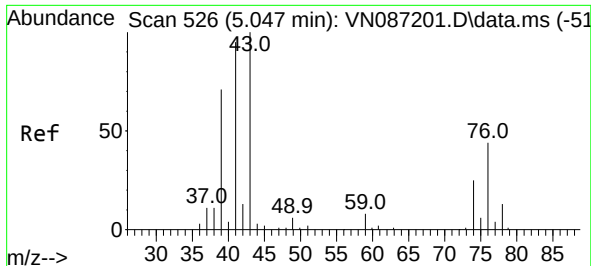
Tgt Ion:168 Resp: 125710
Ion Ratio Lower Upper
168 100
99 58.3 47.9 71.9



#16
Acetone
Concen: 36.633 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 43 Resp: 41565
Ion Ratio Lower Upper
43 100
58 30.7 26.5 39.7

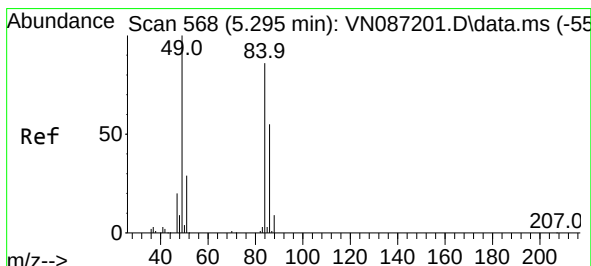
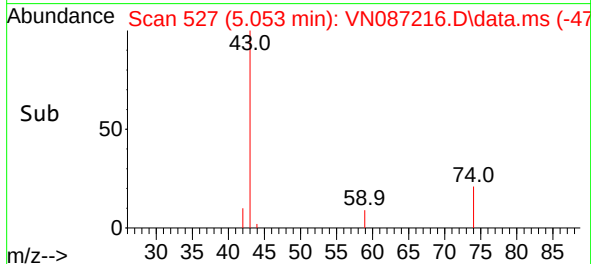
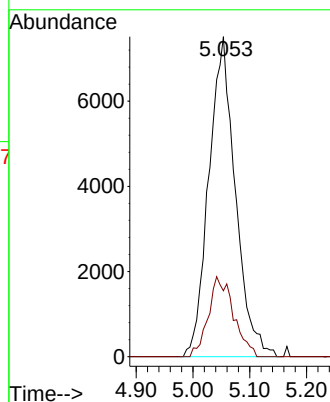
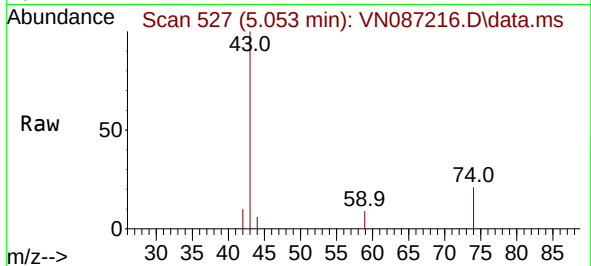




#18
Methyl Acetate
Concen: 10.392 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

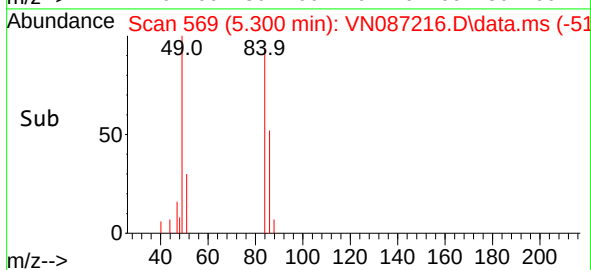
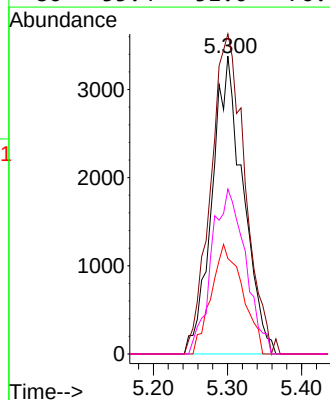
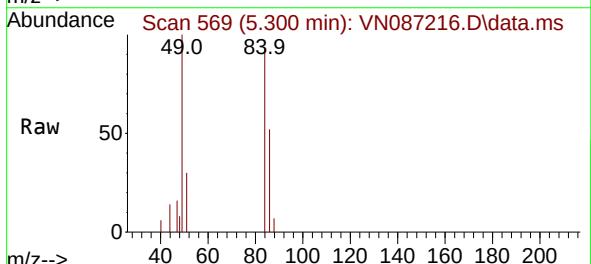
Instrument :
MSVOA_N
ClientSampleId :
WC-1

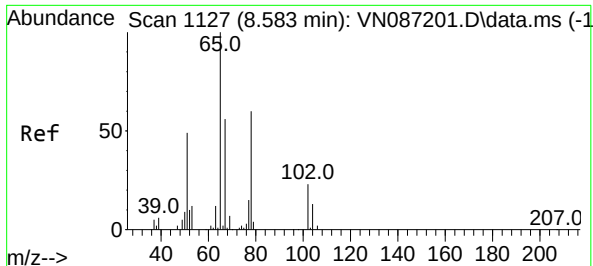
Tgt Ion: 43 Resp: 24409
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



#20
Methylene Chloride
Concen: 4.482 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.005 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 84 Resp: 9848
Ion Ratio Lower Upper
84 100
49 107.5 93.0 139.6
51 32.0 27.2 40.8
86 55.4 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 67.922 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087216.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_N

ClientSampleId :

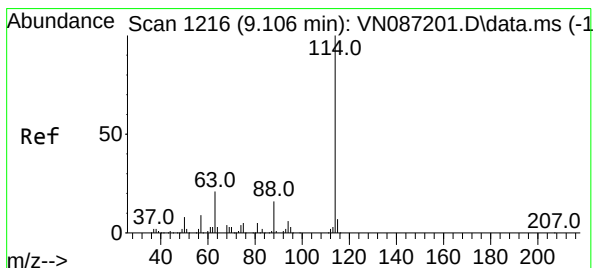
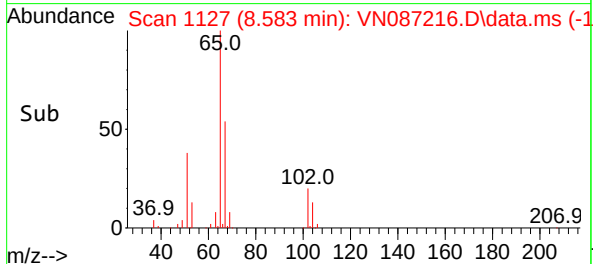
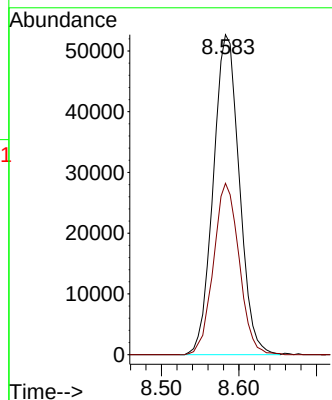
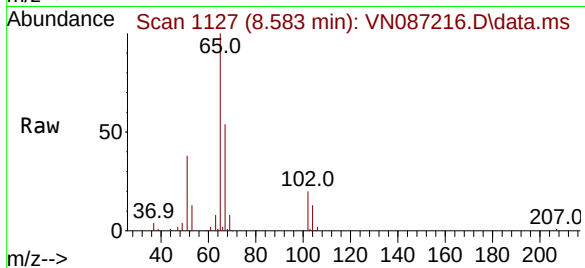
WC-1

Tgt Ion: 65 Resp: 122877

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087216.D

Acq: 27 Jun 2025 13:10

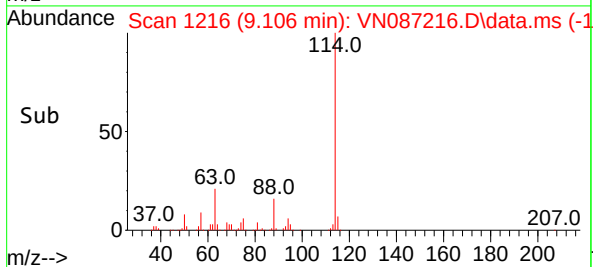
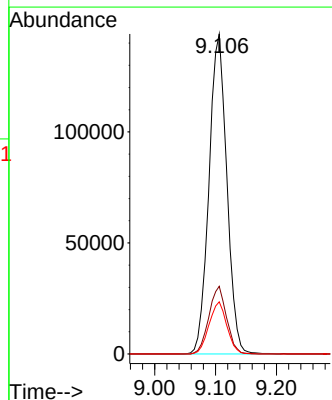
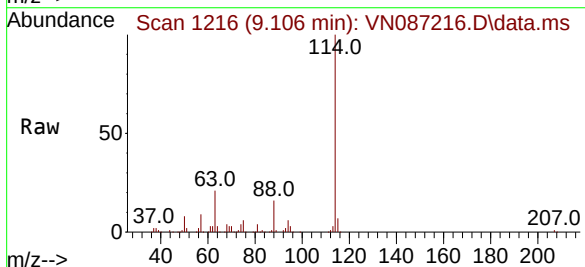
Tgt Ion: 114 Resp: 293036

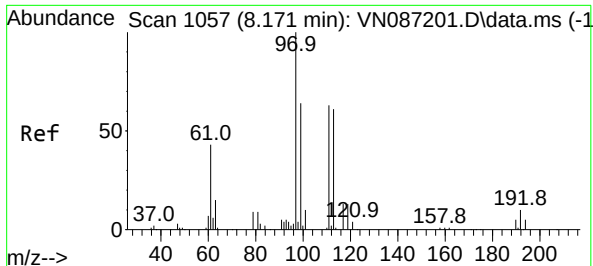
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.0

88 16.3 0.0 32.0

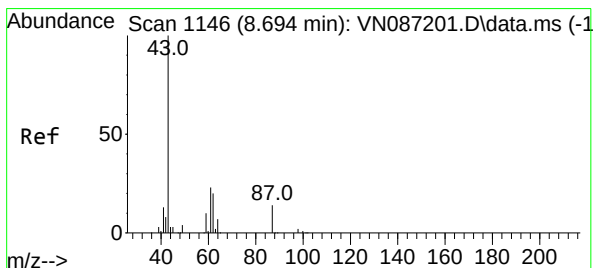
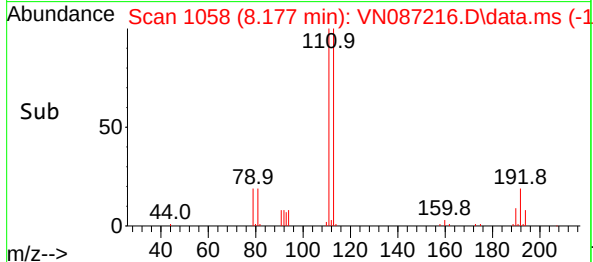
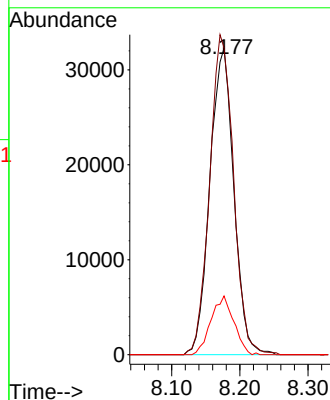
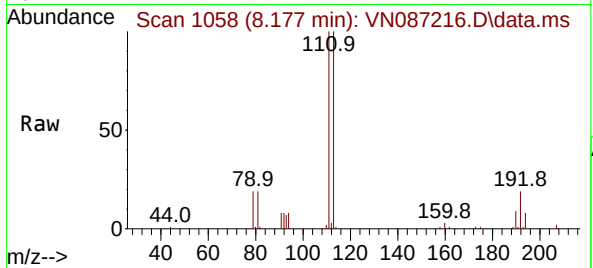




#35
 Dibromofluoromethane
 Concen: 41.677 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087216.D
 Acq: 27 Jun 2025 13:10

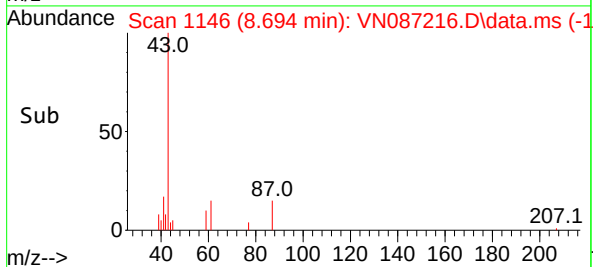
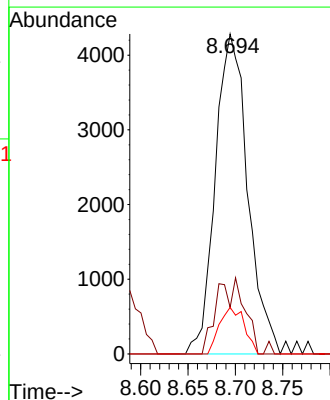
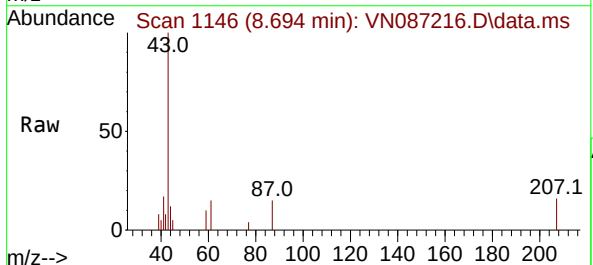
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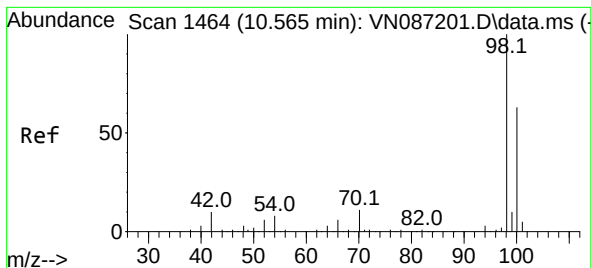
Tgt Ion:113 Resp: 78957
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.6 124.0
 192 18.3 13.5 20.3



#43
 Isopropyl Acetate
 Concen: 1.998 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VN087216.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 43 Resp: 10192
 Ion Ratio Lower Upper
 43 100
 61 11.1 21.0 31.6#
 87 11.1 11.0 16.6

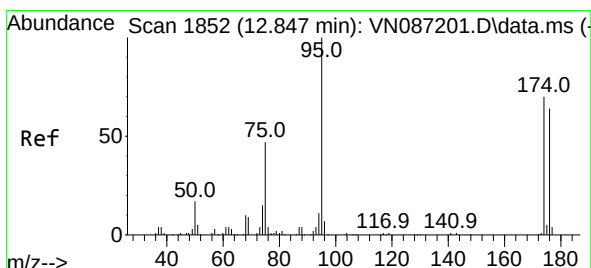
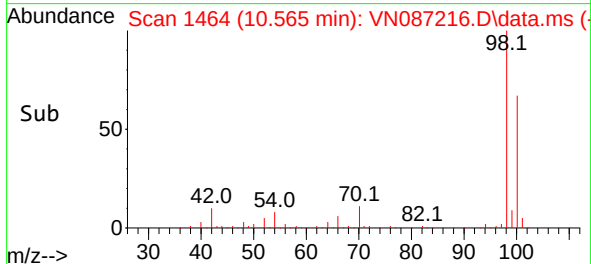
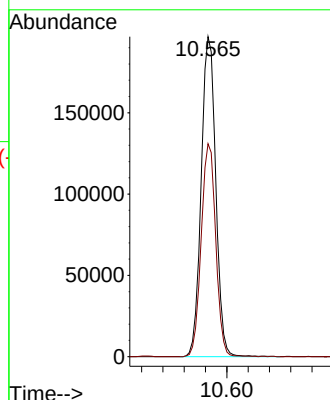
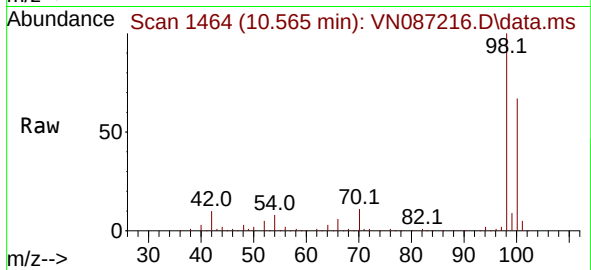




#50
Toluene-d8
Concen: 47.585 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

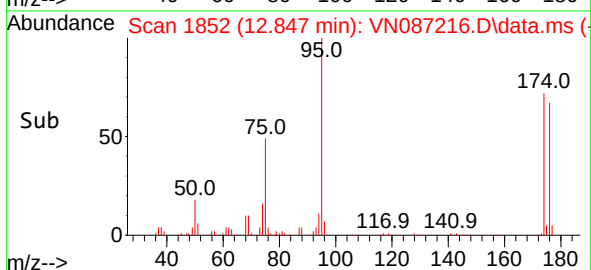
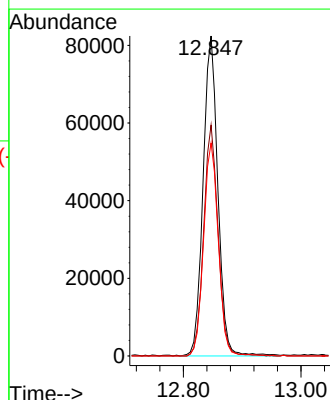
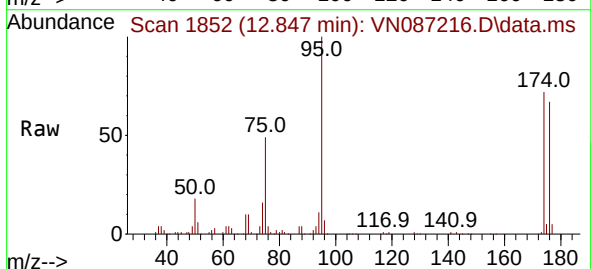
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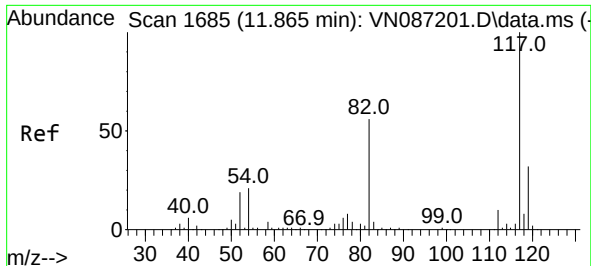
Tgt Ion: 98 Resp: 372856
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.963 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 95 Resp: 143998
Ion Ratio Lower Upper
95 100
174 70.2 0.0 142.2
176 66.2 0.0 134.8

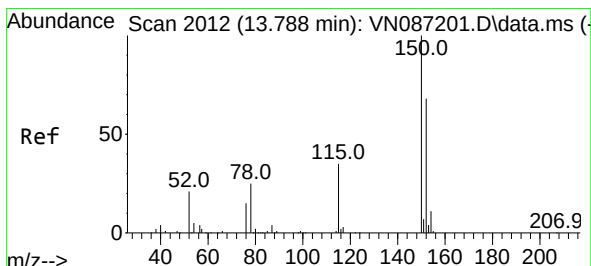
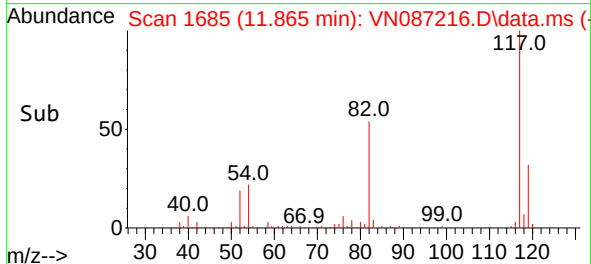
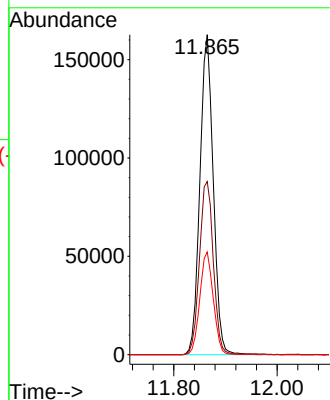
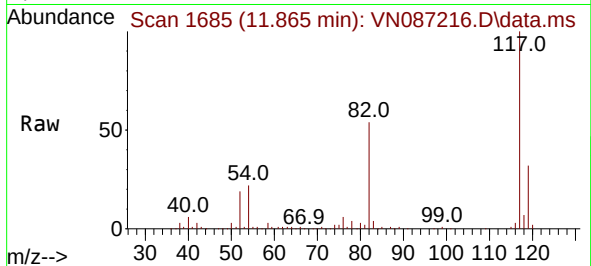




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 291791
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087216.D
Acq: 27 Jun 2025 13:10

Tgt Ion:152 Resp: 134948
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.8
150 156.7 0.0 347.8

