

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087383.D
 Acq On : 21 Jul 2025 16:24
 Operator : JC\MD
 Sample : Q2649-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-6

Quant Time: Jul 22 03:10:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

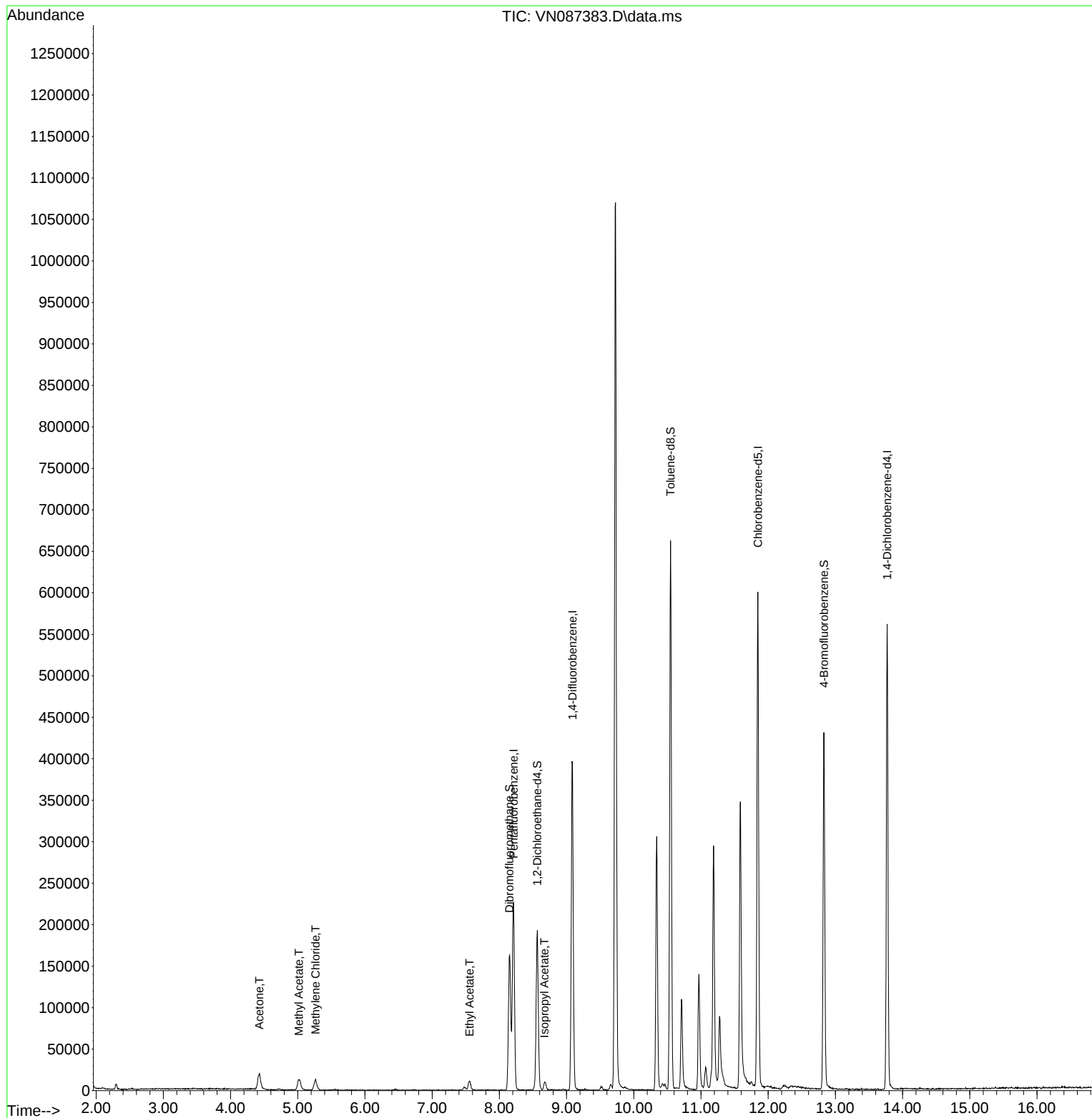
Internal Standards						
1) Pentafluorobenzene	8.212	168	160832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	333797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	328907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	156289	57.270	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.540%
35) Dibromofluoromethane	8.147	113	120566	52.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.547	98	443436	53.989	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.829	95	148263	48.860	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.720%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	37991	29.691	ug/l	96
18) Methyl Acetate	5.018	43	30056	9.350	ug/l	97
20) Methylene Chloride	5.265	84	8672	3.413	ug/l #	89
37) Ethyl Acetate	7.559	43	18303	4.166	ug/l	99
43) Isopropyl Acetate	8.671	43	11724	1.719	ug/l	96

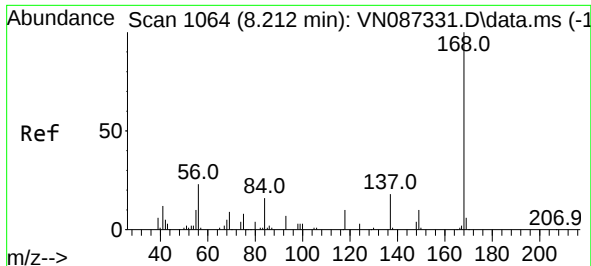
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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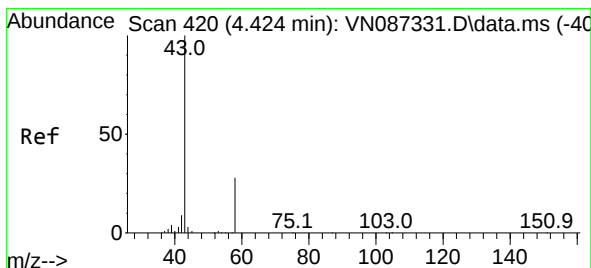
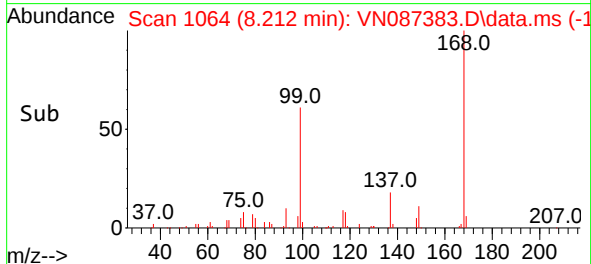
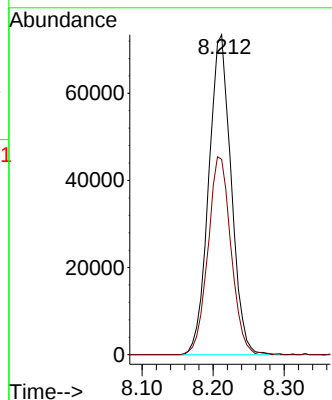
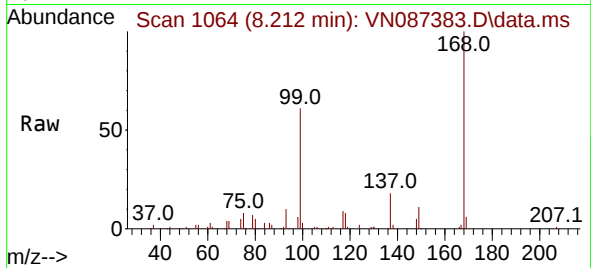




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

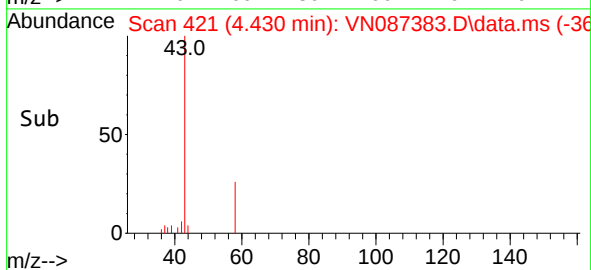
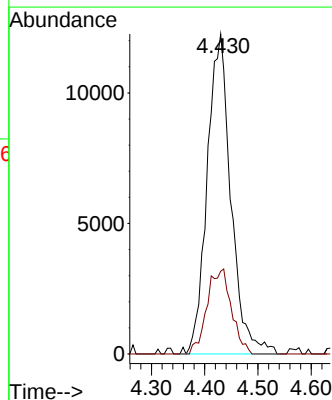
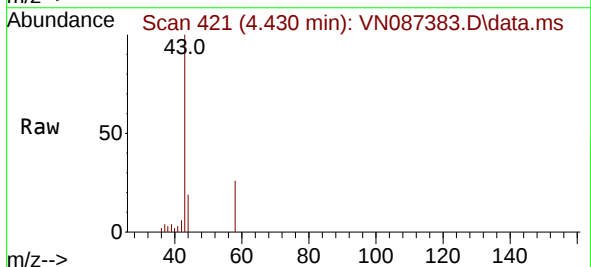
Instrument :
MSVOA_N
ClientSampleId :
WC-6

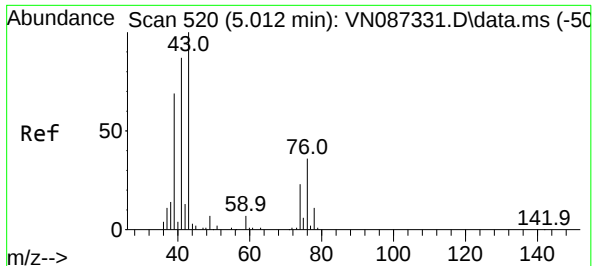
Tgt Ion:168 Resp: 160832
Ion Ratio Lower Upper
168 100
99 61.0 47.9 71.9



#16
Acetone
Concen: 29.691 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

Tgt Ion: 43 Resp: 37991
Ion Ratio Lower Upper
43 100
58 25.9 22.3 33.5

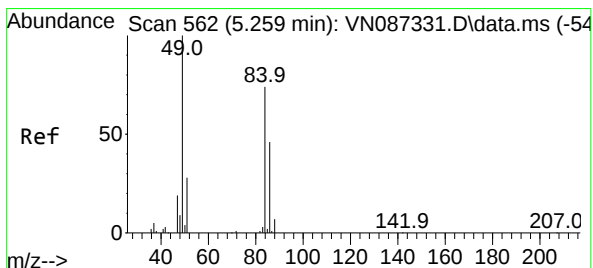
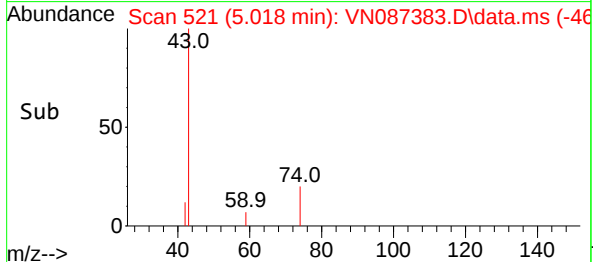
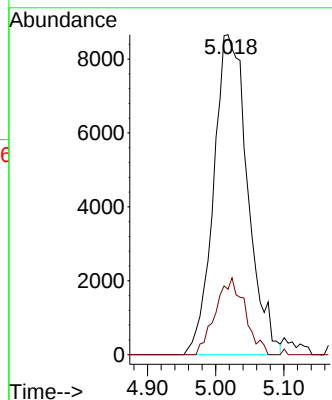
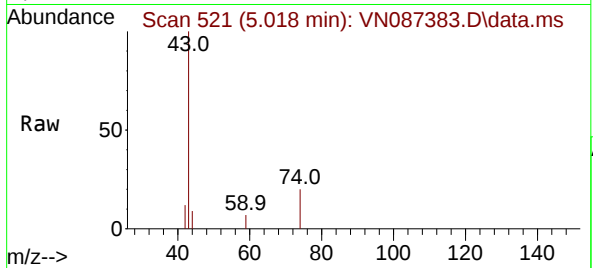




#18
Methyl Acetate
Concen: 9.350 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

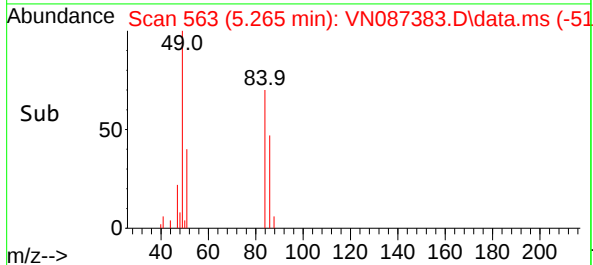
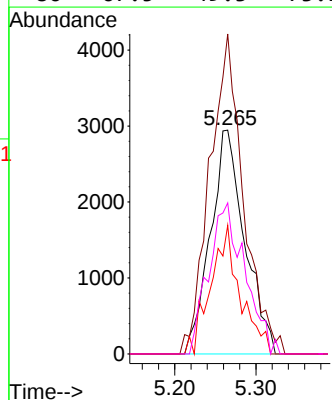
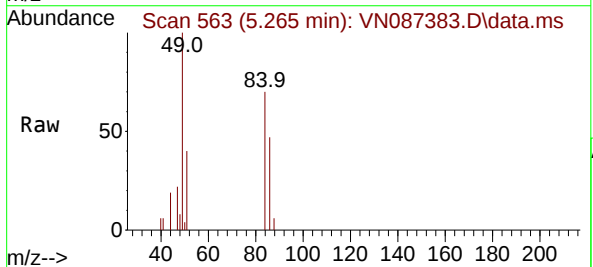
Instrument :
MSVOA_N
ClientSampleId :
WC-6

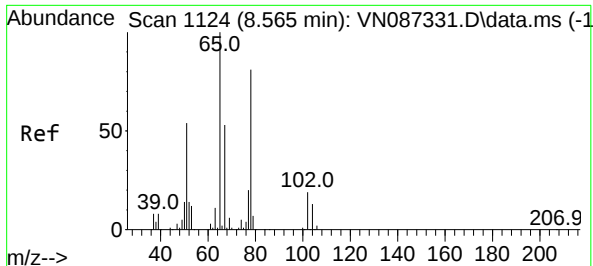
Tgt Ion: 43 Resp: 30056
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.6



#20
Methylene Chloride
Concen: 3.413 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

Tgt Ion: 84 Resp: 8672
Ion Ratio Lower Upper
84 100
49 142.9 107.5 161.3
51 57.4 30.2 45.2#
86 67.5 49.3 73.9





#33

1,2-Dichloroethane-d4

Concen: 57.270 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087383.D

Acq: 21 Jul 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

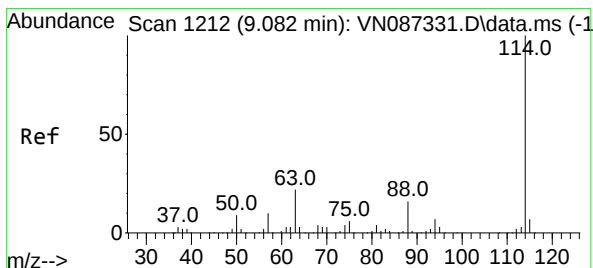
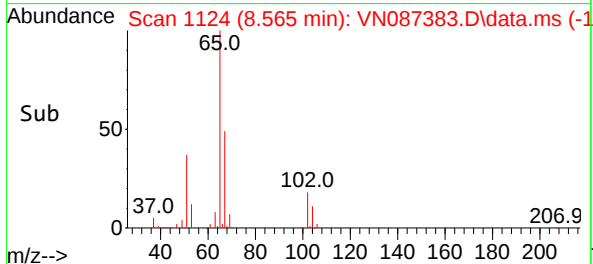
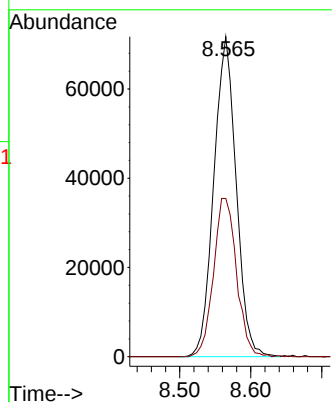
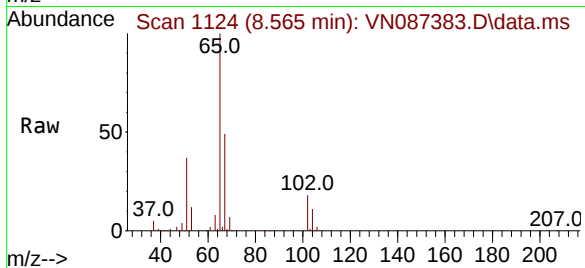
WC-6

Tgt Ion: 65 Resp: 156289

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087383.D

Acq: 21 Jul 2025 16:24

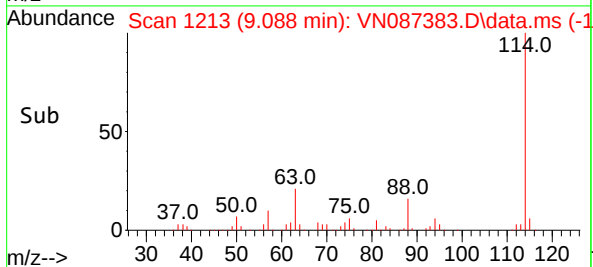
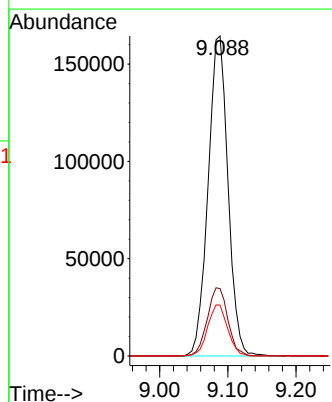
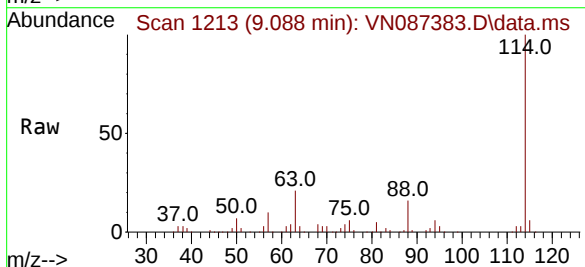
Tgt Ion: 114 Resp: 333797

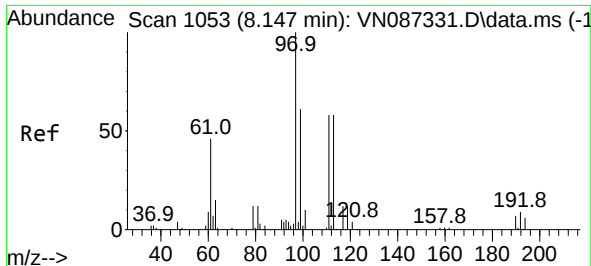
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.362 ug/l

RT: 8.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087383.D

Acq: 21 Jul 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

WC-6

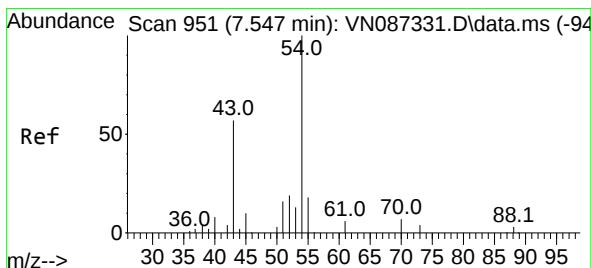
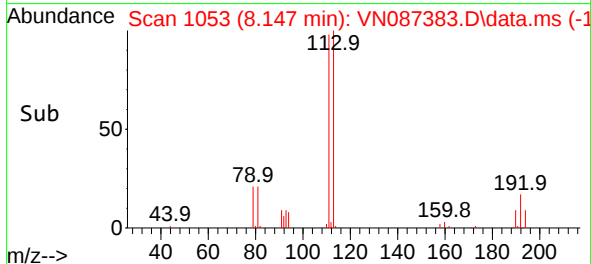
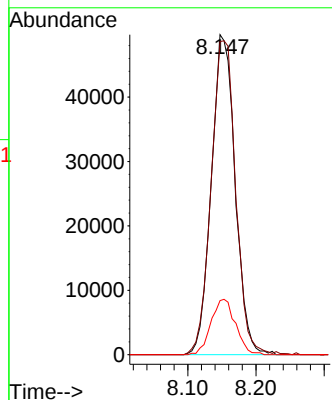
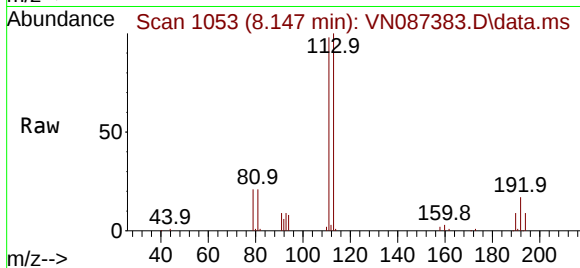
Tgt Ion:113 Resp: 120566

Ion Ratio Lower Upper

113 100

111 101.3 82.5 123.7

192 17.9 13.7 20.5



#37

Ethyl Acetate

Concen: 4.166 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.012 min

Lab File: VN087383.D

Acq: 21 Jul 2025 16:24

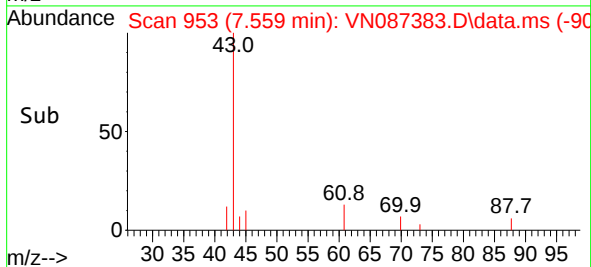
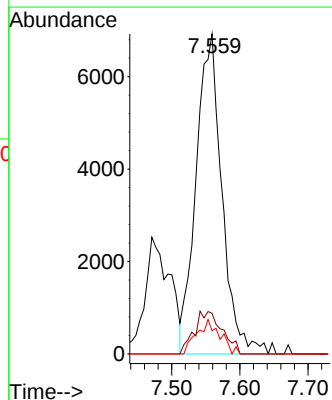
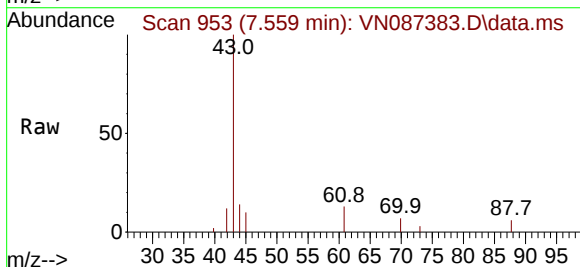
Tgt Ion: 43 Resp: 18303

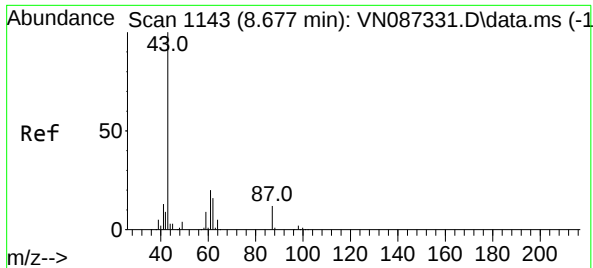
Ion Ratio Lower Upper

43 100

61 14.3 10.9 16.3

70 9.6 7.4 11.0

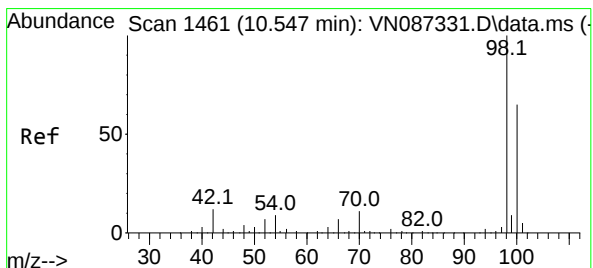
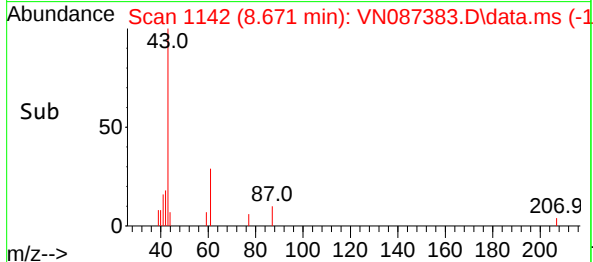
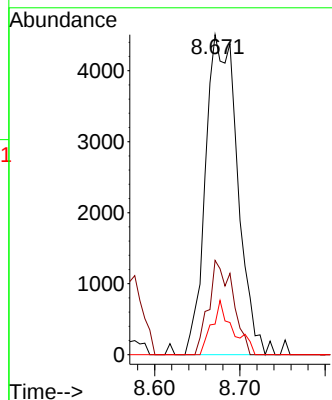
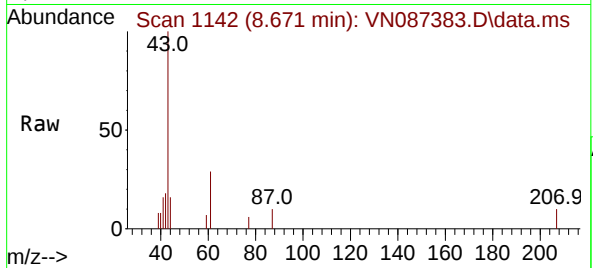




#43
Isopropyl Acetate
Concen: 1.719 ug/l
RT: 8.671 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

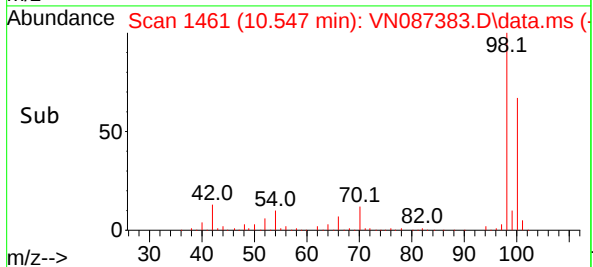
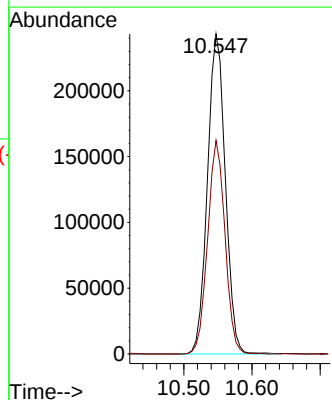
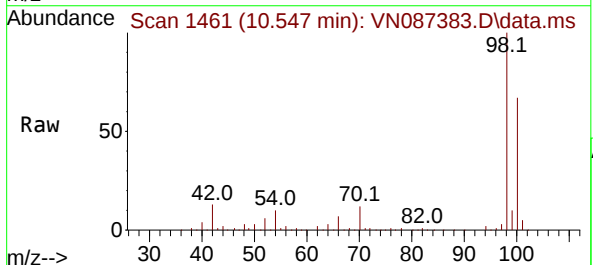
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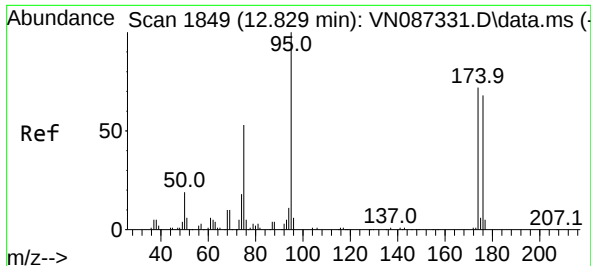
Tgt Ion: 43	Resp: 11724
Ion Ratio	Lower Upper
43	100
61	22.4 19.8 29.8
87	11.2 9.8 14.6



#50
Toluene-d8
Concen: 53.989 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

Tgt Ion: 98	Resp: 443436
Ion Ratio	Lower Upper
98	100
100	64.8 52.1 78.1

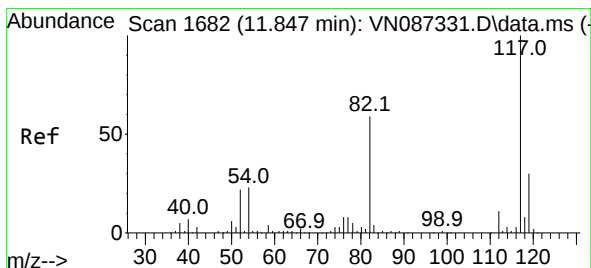
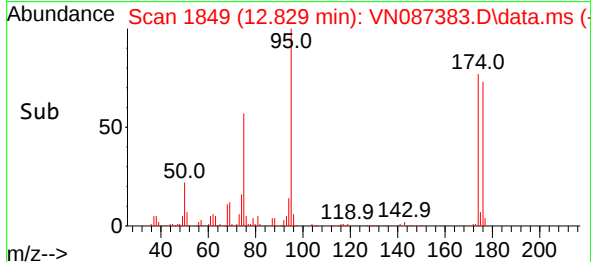
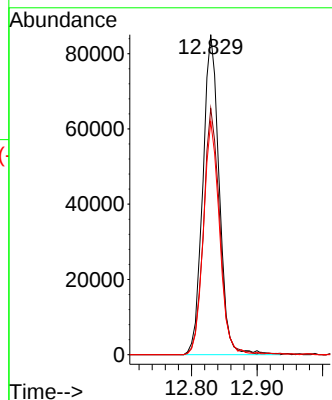
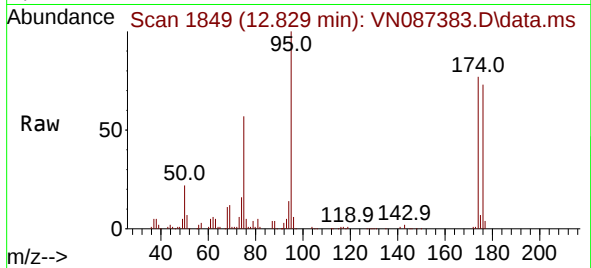




#62
4-Bromofluorobenzene
Concen: 48.860 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

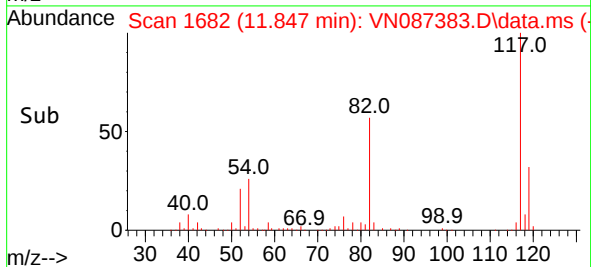
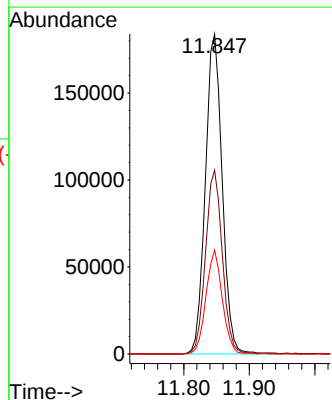
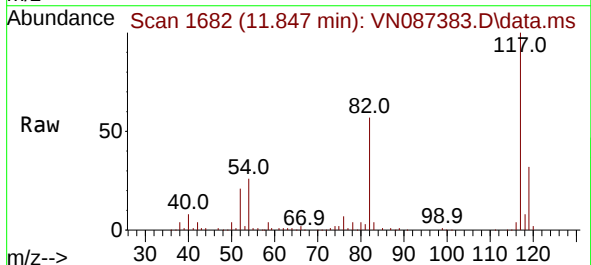
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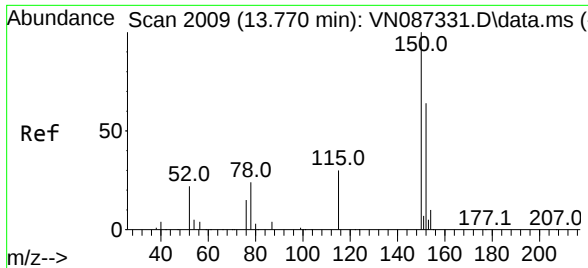
Tgt Ion: 95 Resp: 148263
Ion Ratio Lower Upper
95 100
174 76.1 0.0 149.4
176 71.8 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087383.D
Acq: 21 Jul 2025 16:24

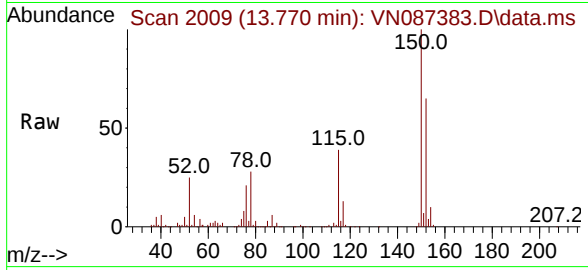
Tgt Ion: 117 Resp: 328907
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.5 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087383.D
 Acq: 21 Jul 2025 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:	152	Resp:	146952
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.5
150	158.3	0.0	349.0

