

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080868.D
 Acq On : 01 Feb 2024 14:25
 Operator : JC\MD
 Sample : P1311-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Feb 02 03:39:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

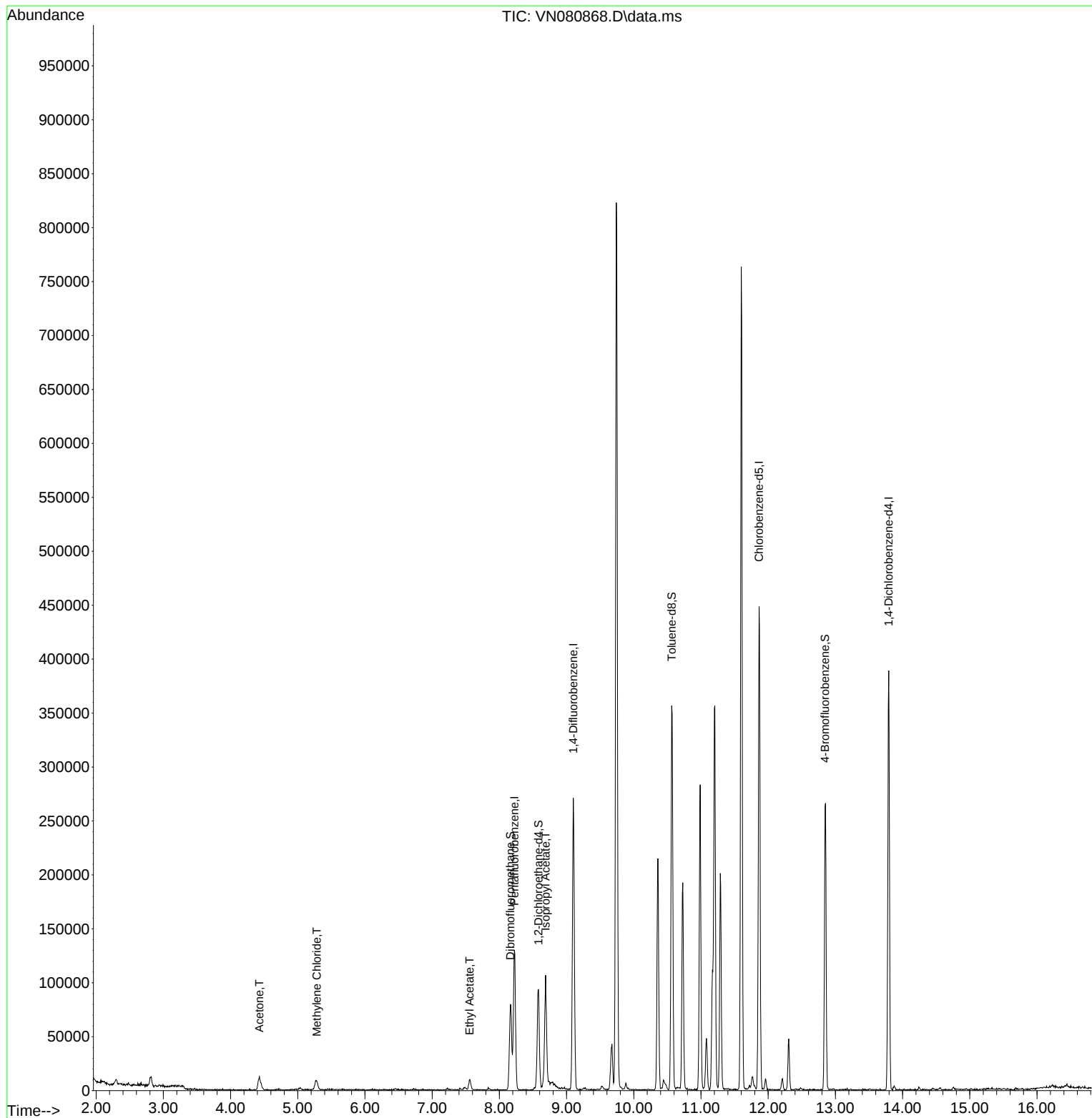
Internal Standards						
1) Pentafluorobenzene	8.224	168	79341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	201926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69838	50.881	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.760%
35) Dibromofluoromethane	8.165	113	53891	43.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.240%
50) Toluene-d8	10.565	98	234710	48.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.847	95	91723	54.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.880%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	22224	44.645	ug/l	91
20) Methylene Chloride	5.283	84	6112	4.677	ug/l #	91
37) Ethyl Acetate	7.559	43	13549	5.732	ug/l #	93
43) Isopropyl Acetate	8.688	43	124665	28.968	ug/l #	84

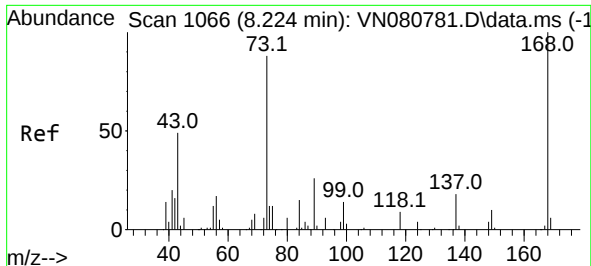
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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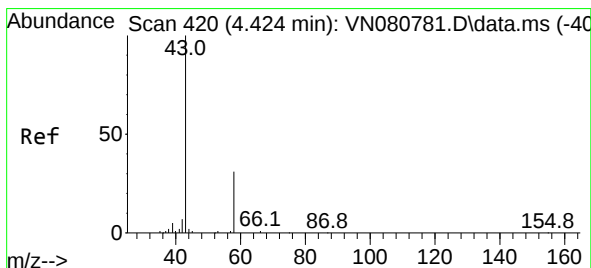
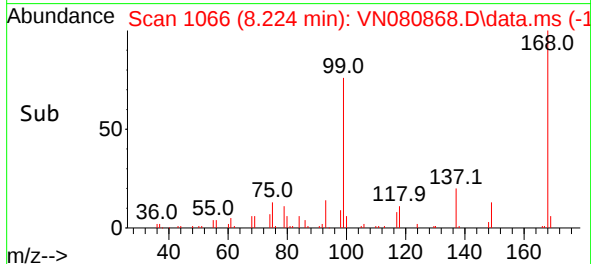
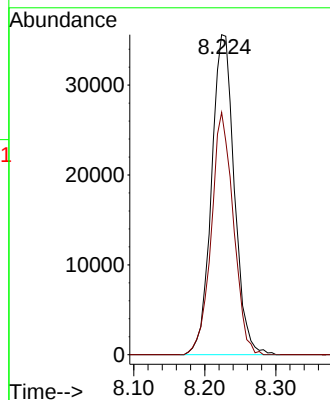
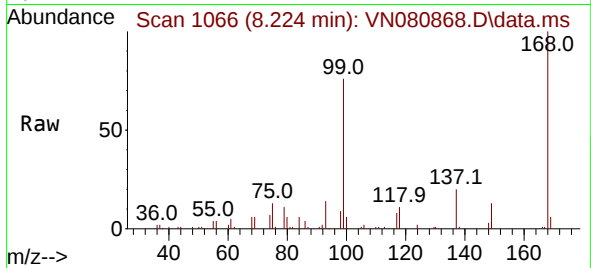




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

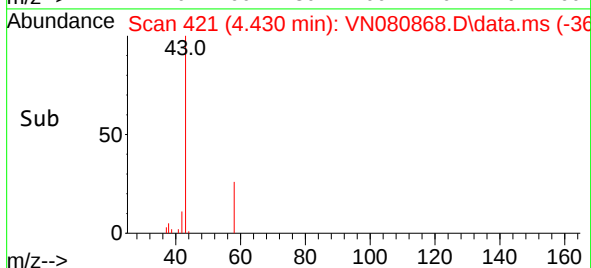
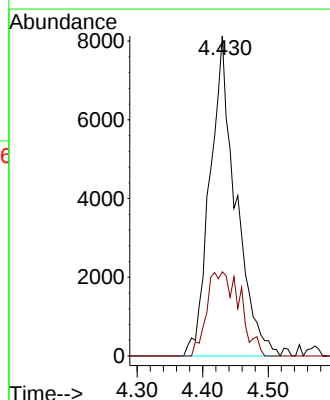
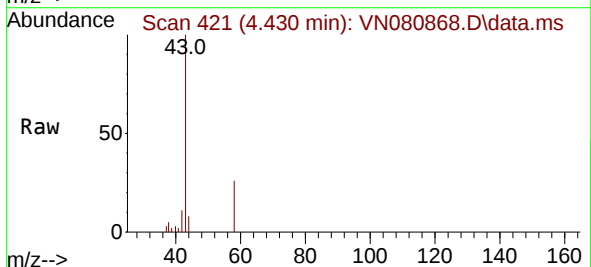
Instrument :
MSVOA_N
ClientSampleId :
TP-3

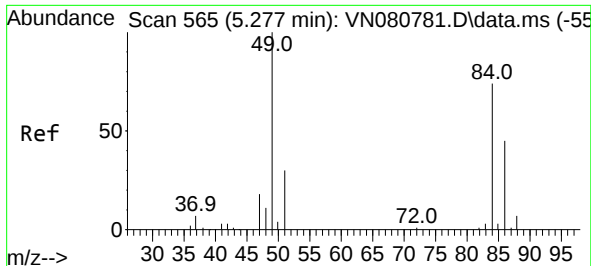
Tgt Ion:168 Resp: 79341
Ion Ratio Lower Upper
168 100
99 75.7 59.9 89.9



#16
Acetone
Concen: 44.645 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

Tgt Ion: 43 Resp: 22224
Ion Ratio Lower Upper
43 100
58 26.3 24.8 37.2

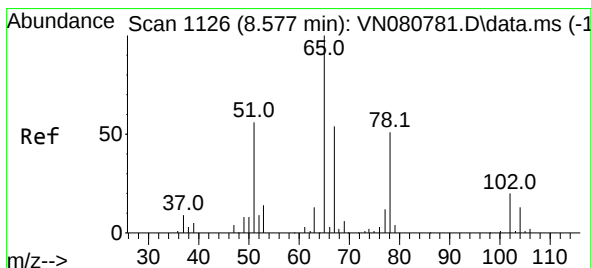
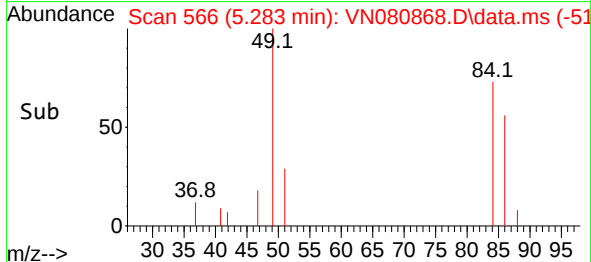
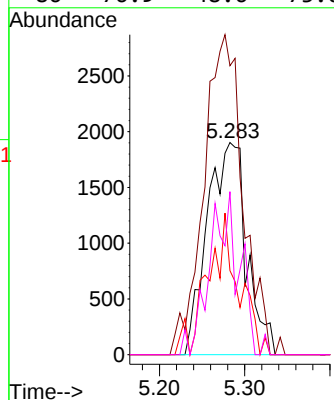
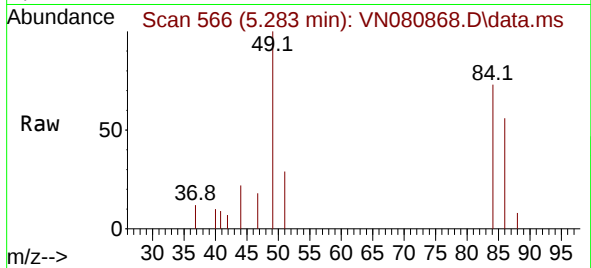




#20
Methylene Chloride
Concen: 4.677 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

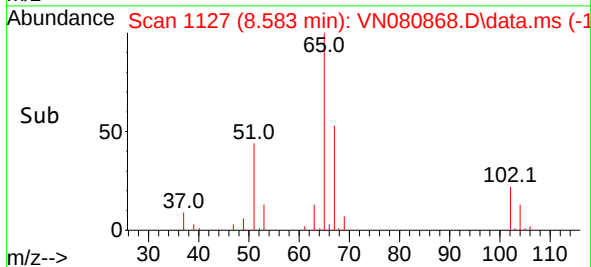
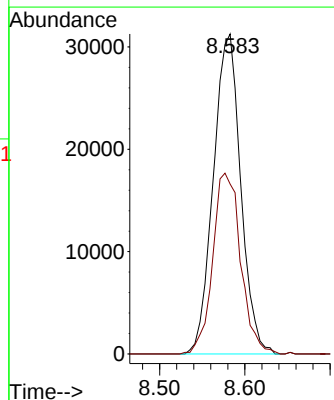
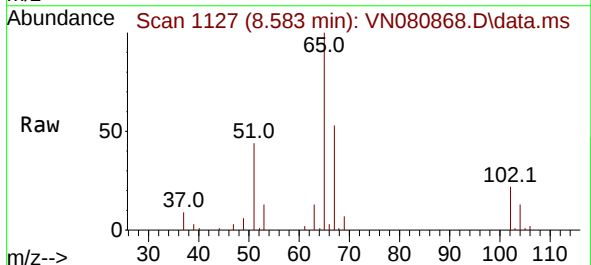
Instrument :
MSVOA_N
ClientSampleId :
TP-3

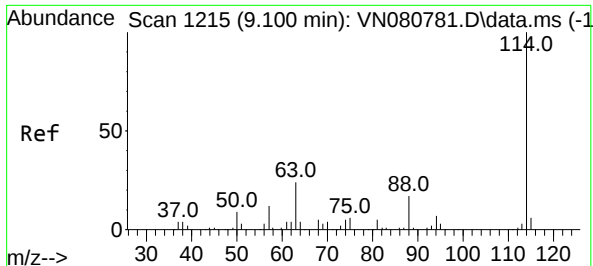
Tgt Ion: 84 Resp: 6112
Ion Ratio Lower Upper
84 100
49 128.0 108.1 162.1
51 39.6 32.9 49.3
86 76.9 48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 50.881 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

Tgt Ion: 65 Resp: 69838
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080868.D

Acq: 01 Feb 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

TP-3

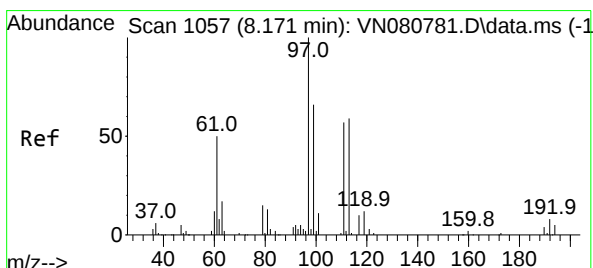
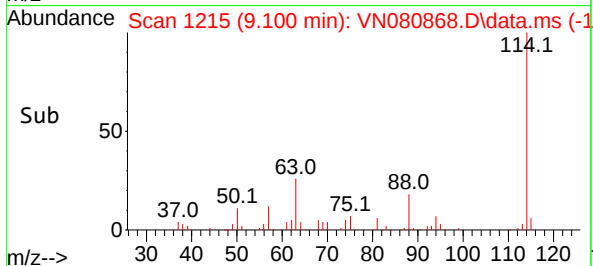
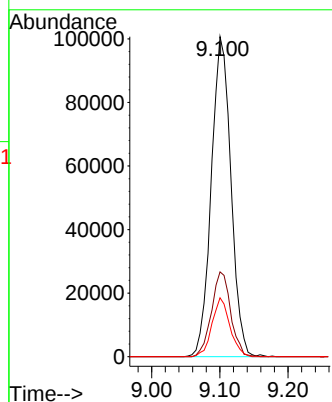
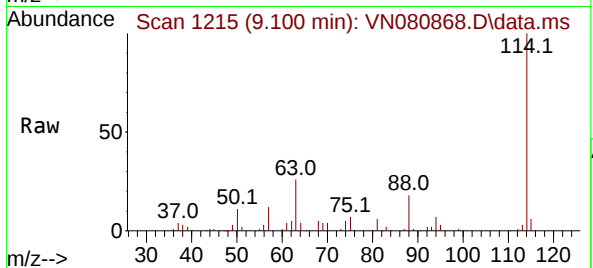
Tgt Ion:114 Resp: 201926

Ion Ratio Lower Upper

114 100

63 26.5 0.0 48.0

88 18.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.623 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080868.D

Acq: 01 Feb 2024 14:25

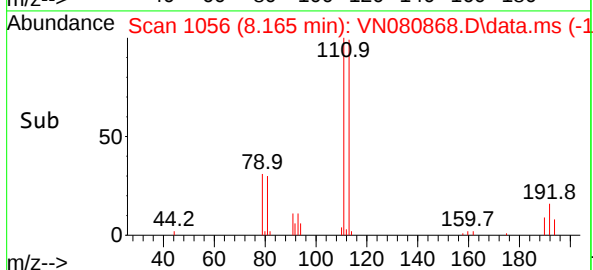
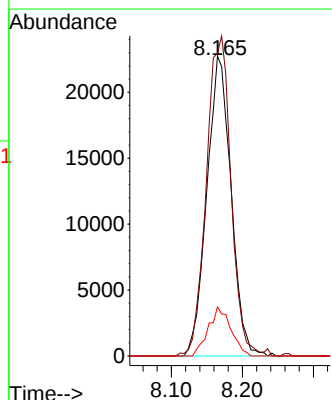
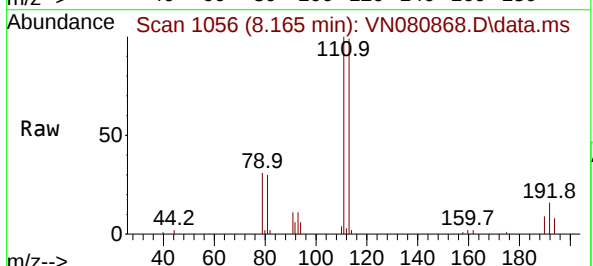
Tgt Ion:113 Resp: 53891

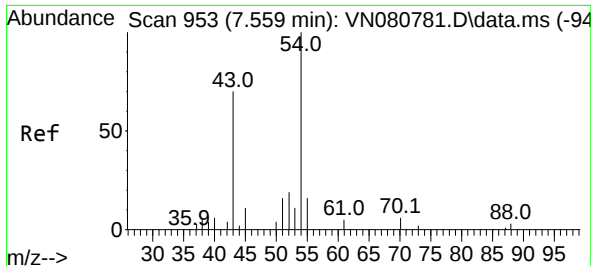
Ion Ratio Lower Upper

113 100

111 108.3 82.2 123.4

192 15.1 12.5 18.7

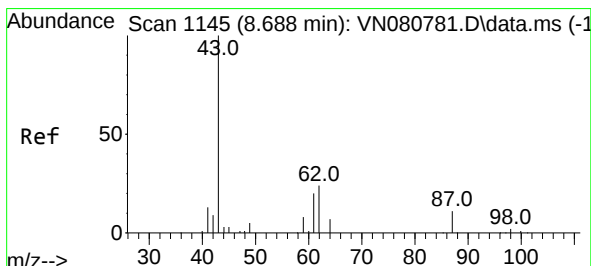
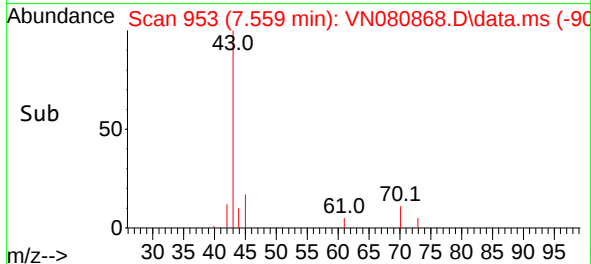
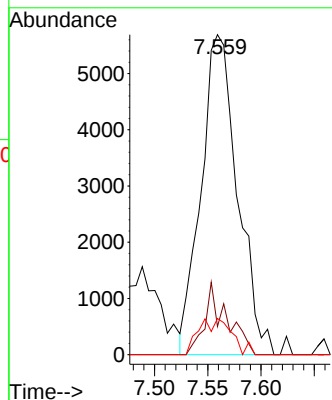
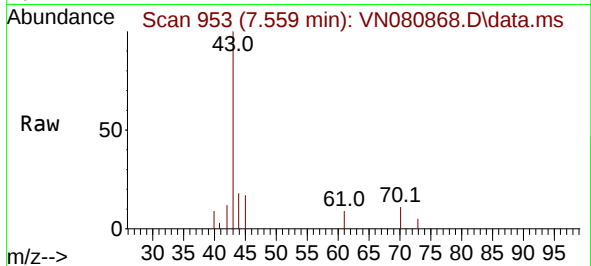




#37
Ethyl Acetate
Concen: 5.732 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

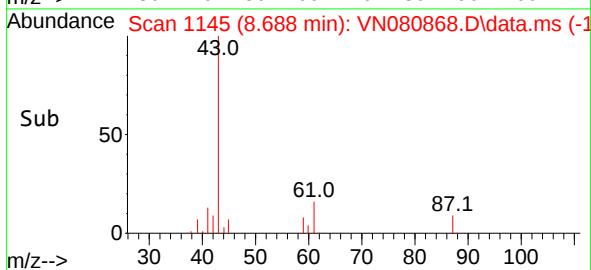
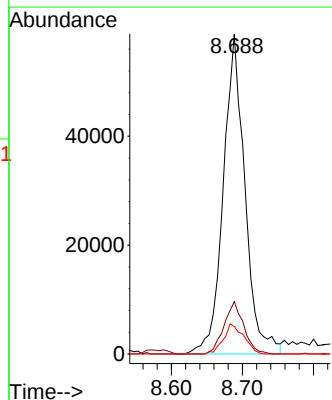
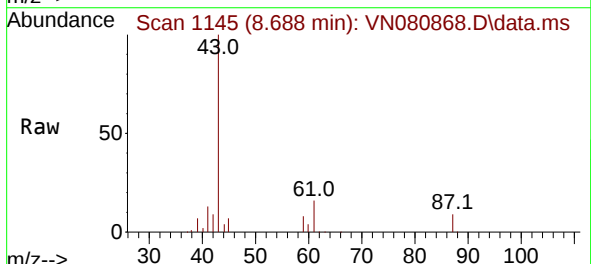
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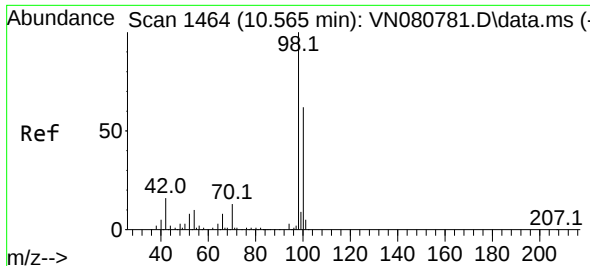
Tgt Ion: 43 Resp: 13549
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 4.7 8.0 12.0#



#43
Isopropyl Acetate
Concen: 28.968 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

Tgt Ion: 43 Resp: 124665
Ion Ratio Lower Upper
43 100
61 14.9 19.9 29.9#
87 8.7 9.0 13.6#

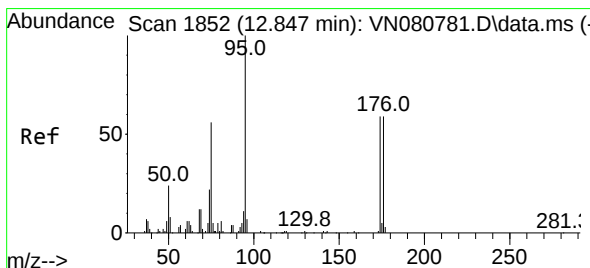
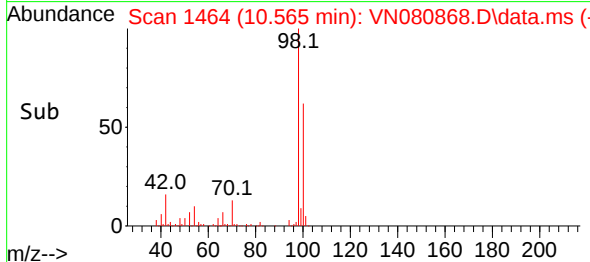
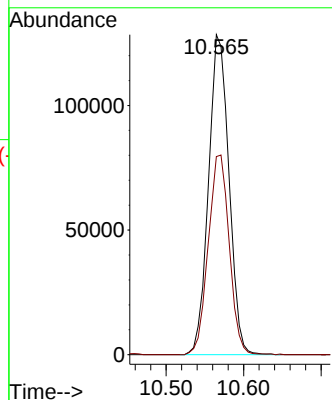
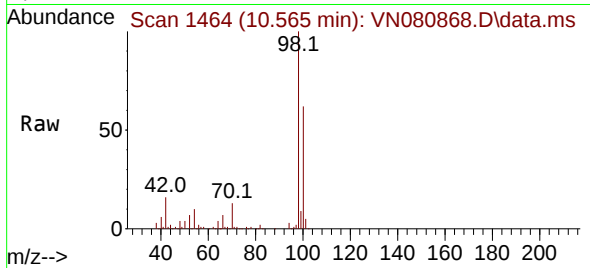




#50
Toluene-d8
Concen: 48.542 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

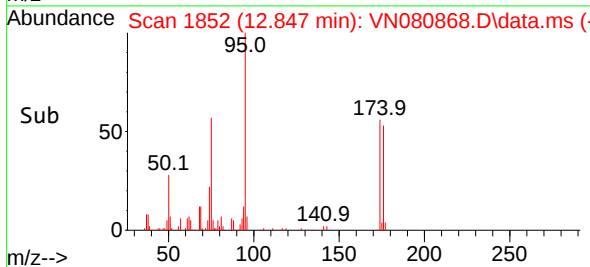
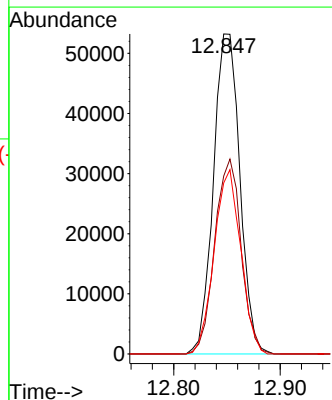
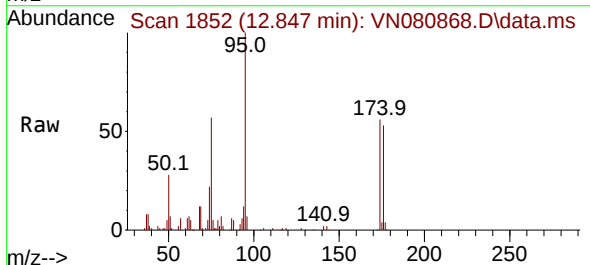
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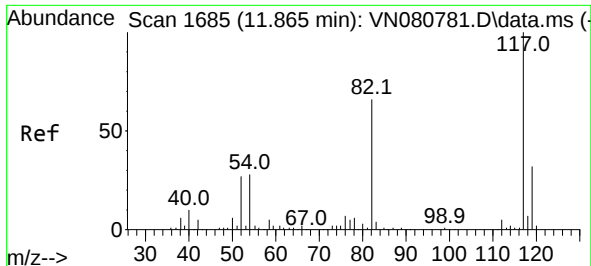
Tgt Ion: 98 Resp: 234710
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.437 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

Tgt Ion: 95 Resp: 91723
Ion Ratio Lower Upper
95 100
174 61.0 0.0 120.4
176 58.0 0.0 121.0

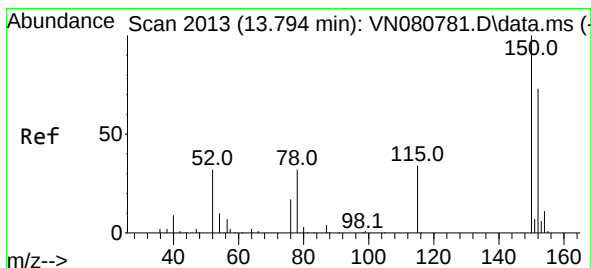
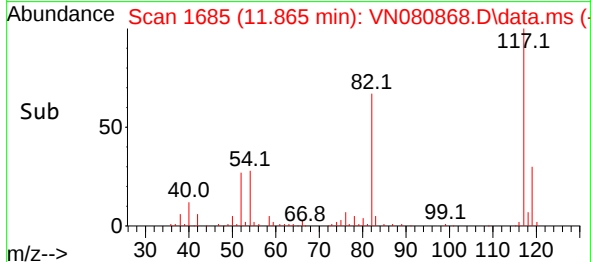
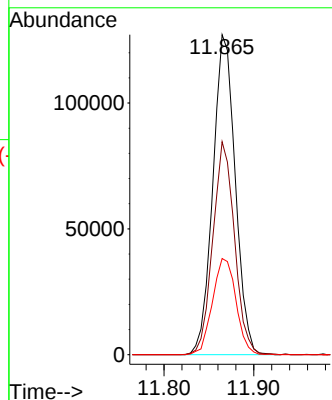
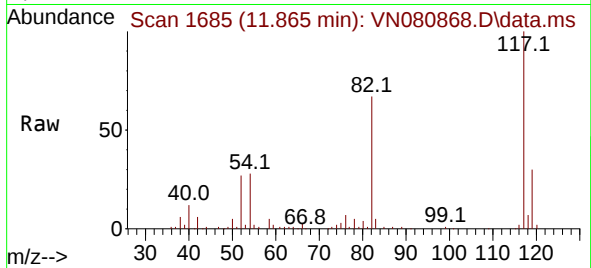




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 220441
Ion Ratio Lower Upper
117 100
82 66.6 52.7 79.1
119 30.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080868.D
Acq: 01 Feb 2024 14:25

Tgt Ion:152 Resp: 89980
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 154.3 0.0 339.8

