

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081170.D
 Acq On : 23 Feb 2024 19:45
 Operator : JC\MD
 Sample : PB159217TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159217TB

Quant Time: Feb 23 22:04:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

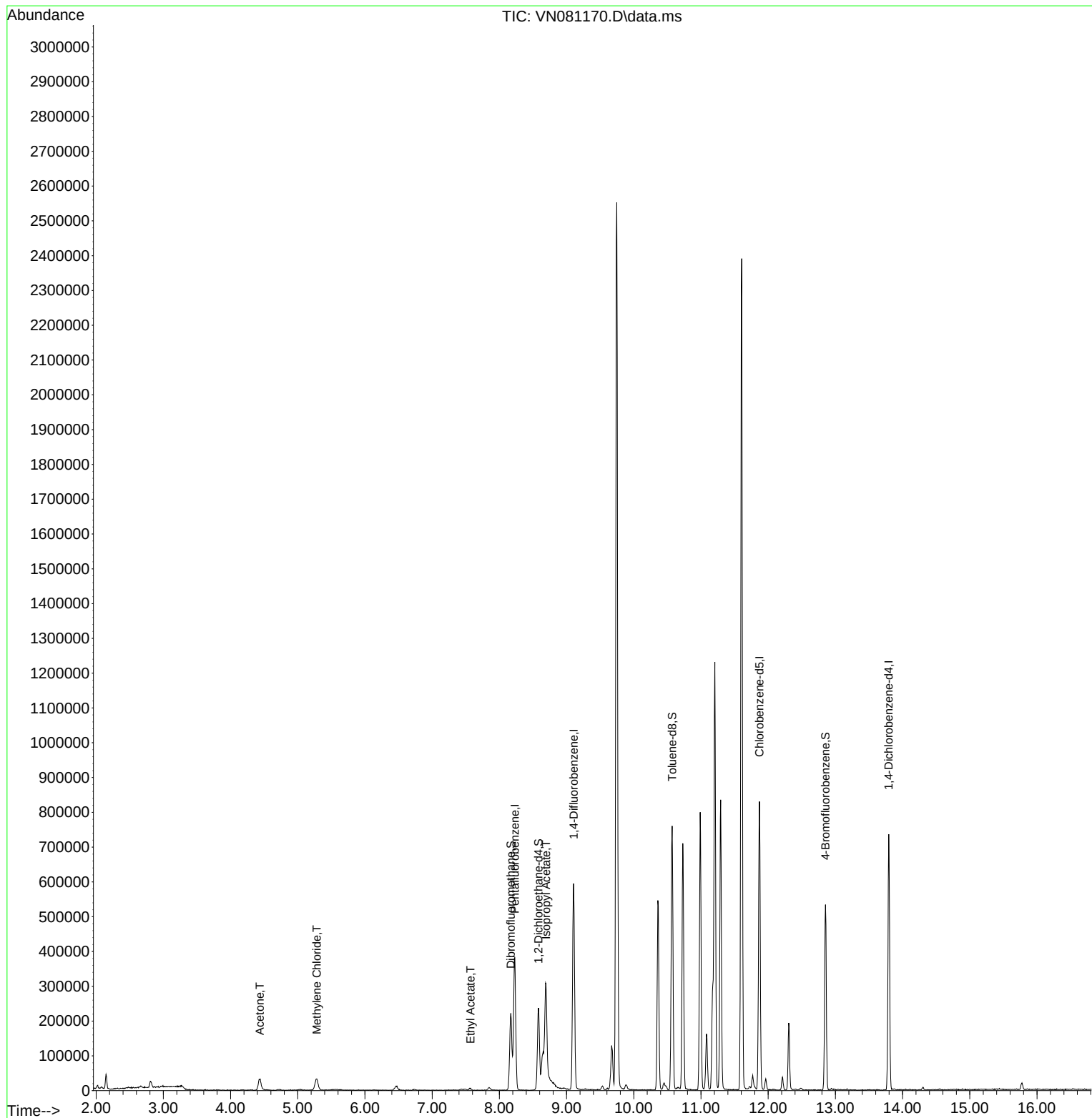
Internal Standards						
1) Pentafluorobenzene	8.230	168	266381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186864	57.231	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.460%
35) Dibromofluoromethane	8.171	113	156731	53.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.571	98	516978	50.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.853	95	186520	48.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.180%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	62214	48.425	ug/l	90
20) Methylene Chloride	5.283	84	26576	7.200	ug/l	90
37) Ethyl Acetate	7.571	43	7573	1.685	ug/l #	95
43) Isopropyl Acetate	8.694	43	464453	59.093	ug/l #	80

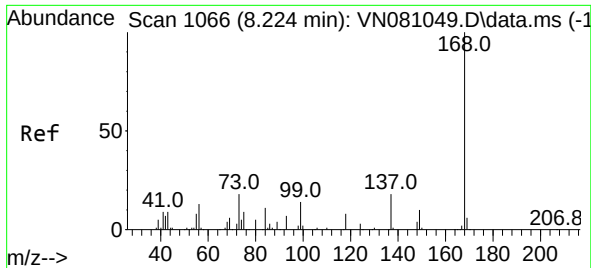
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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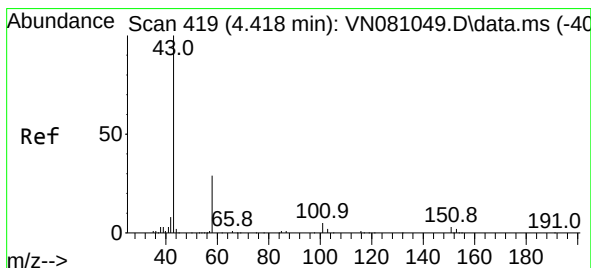
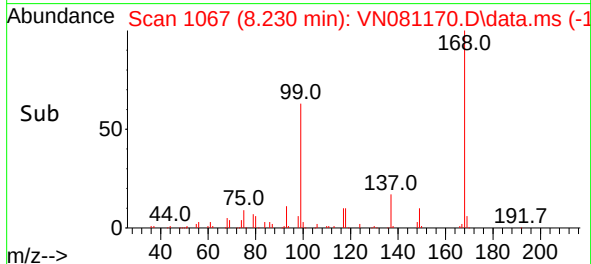
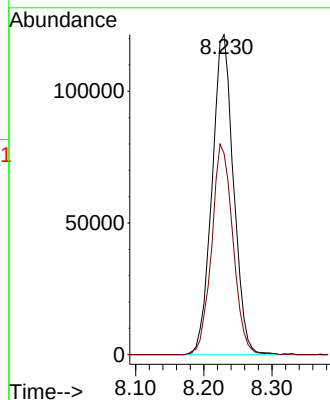
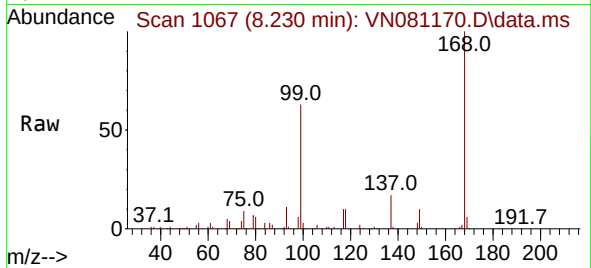




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

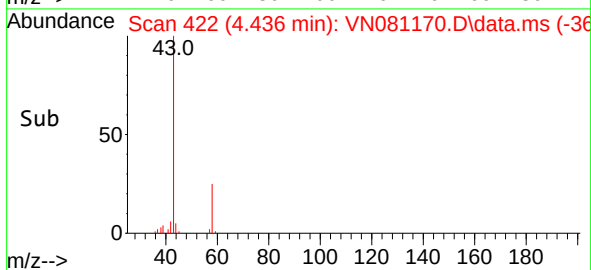
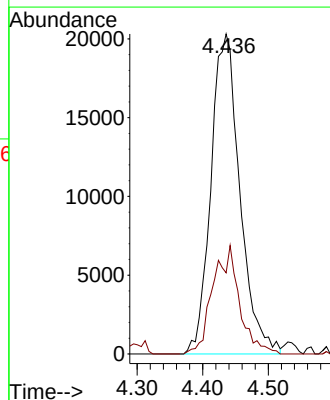
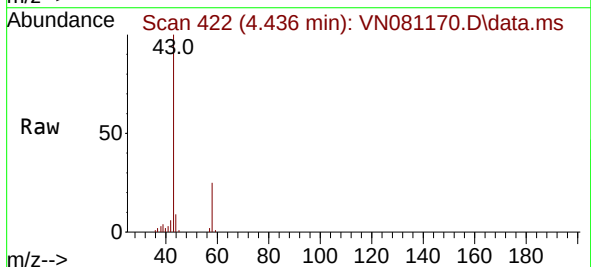
Instrument :
MSVOA_N
ClientSampleId :
PB159217TB

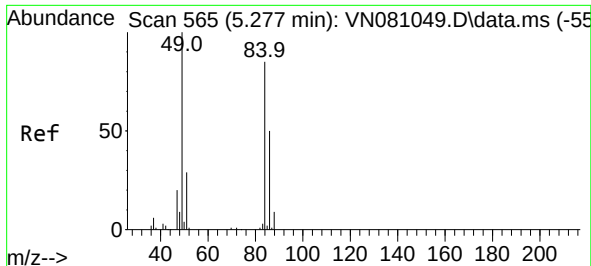
Tgt Ion:168 Resp: 266381
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9



#16
Acetone
Concen: 48.425 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

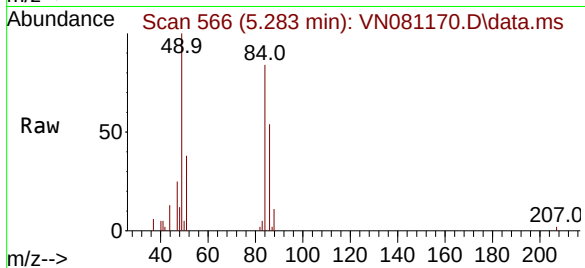
Tgt Ion: 43 Resp: 62214
Ion Ratio Lower Upper
43 100
58 25.3 24.8 37.2



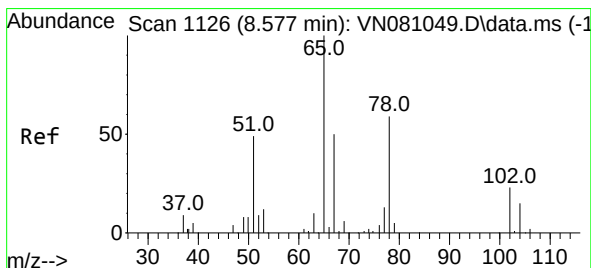
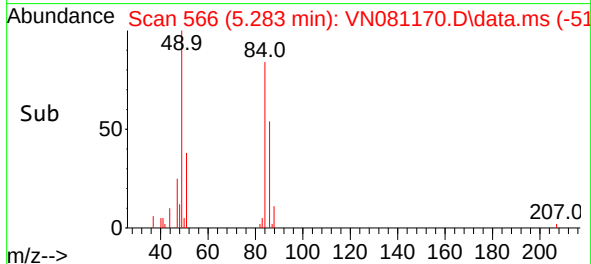
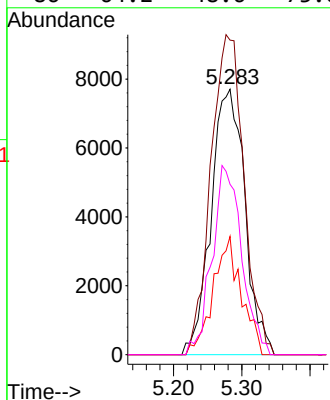


#20
Methylene Chloride
Concen: 7.200 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB159217TB

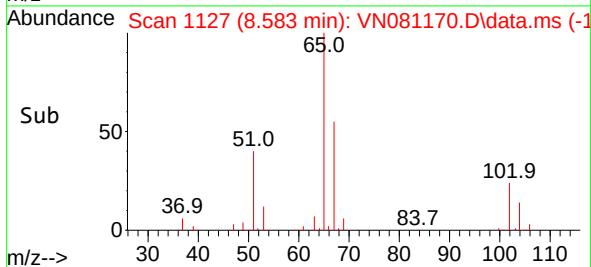
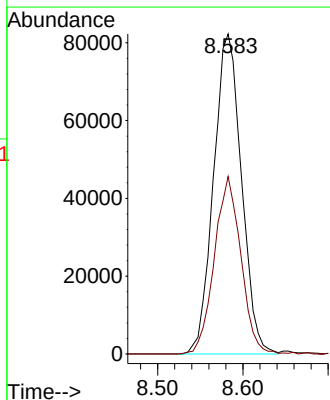
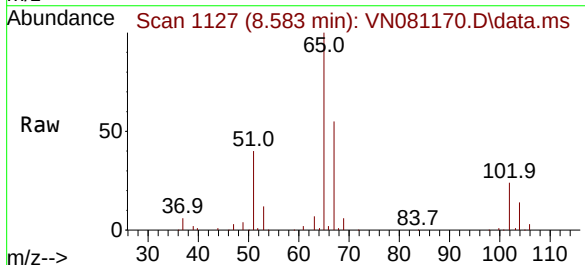


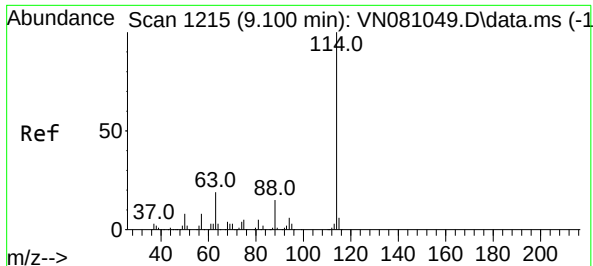
Tgt Ion:	84	Resp:	26576
Ion	Ratio	Lower	Upper
84	100		
49	118.5	108.1	162.1
51	44.5	32.9	49.3
86	64.2	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 57.231 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

Tgt Ion:	65	Resp:	186864
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081170.D

Acq: 23 Feb 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB159217TB

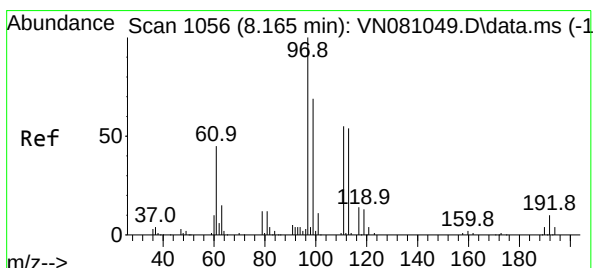
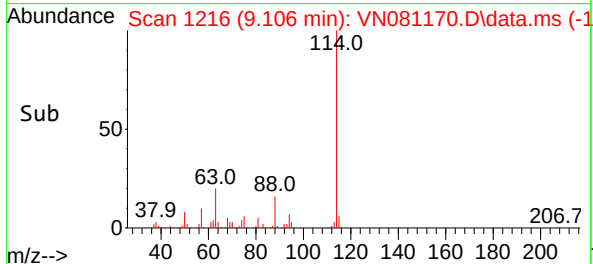
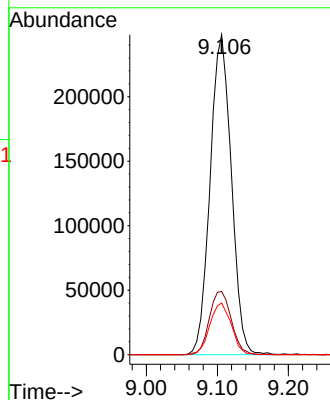
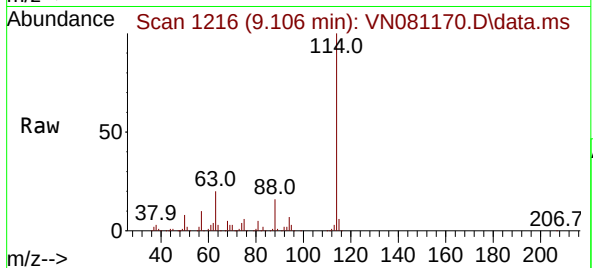
Tgt Ion:114 Resp: 513995

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 16.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.925 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081170.D

Acq: 23 Feb 2024 19:45

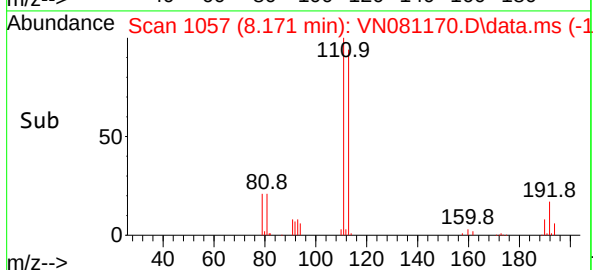
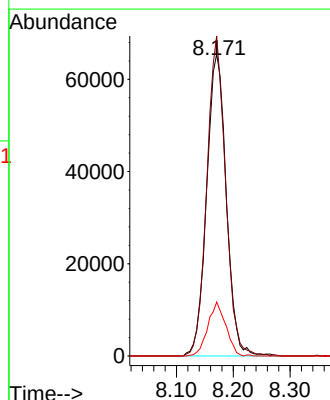
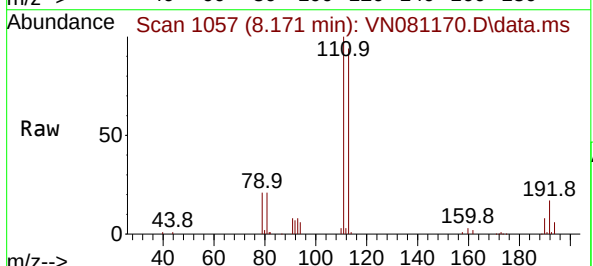
Tgt Ion:113 Resp: 156731

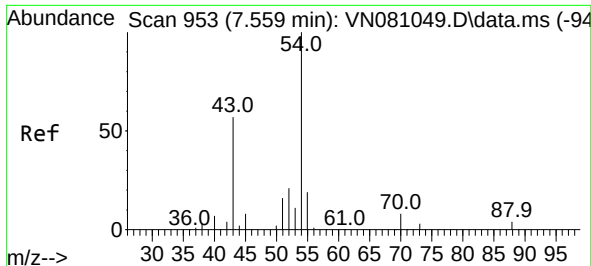
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 16.3 12.5 18.7





#37

Ethyl Acetate

Concen: 1.685 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN081170.D

Acq: 23 Feb 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB159217TB

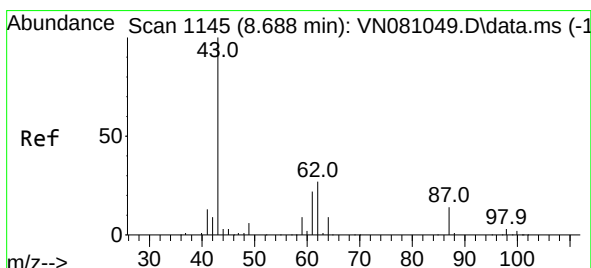
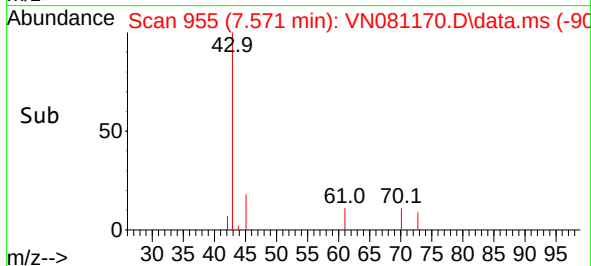
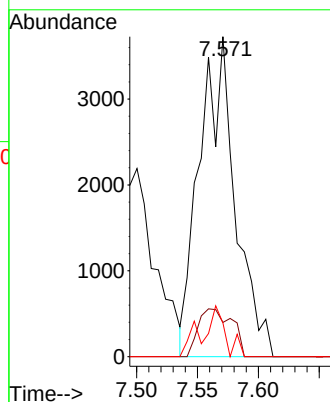
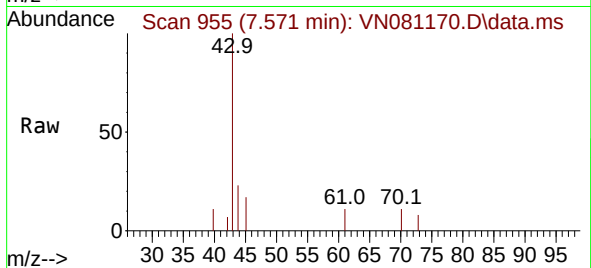
Tgt Ion: 43 Resp: 7573

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

70 7.1 8.0 12.0#



#43

Isopropyl Acetate

Concen: 59.093 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081170.D

Acq: 23 Feb 2024 19:45

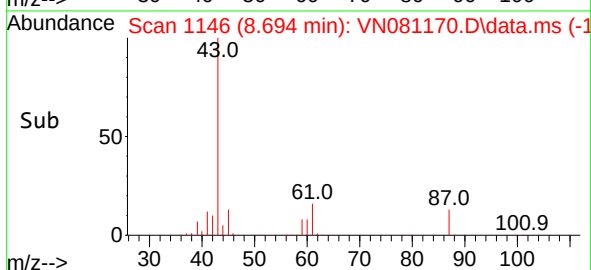
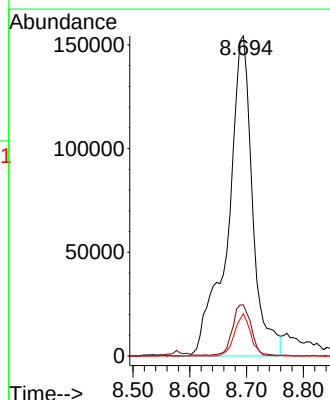
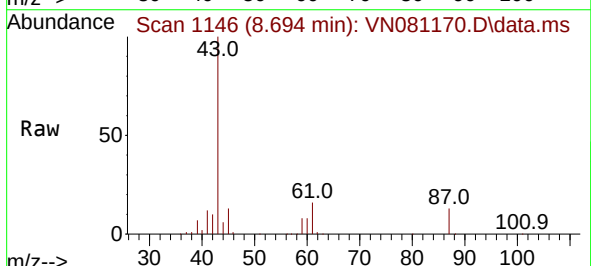
Tgt Ion: 43 Resp: 464453

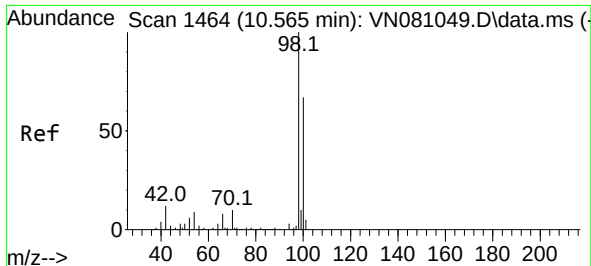
Ion Ratio Lower Upper

43 100

61 12.0 19.9 29.9#

87 8.6 9.0 13.6#

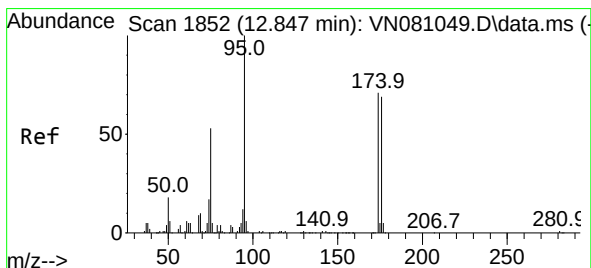
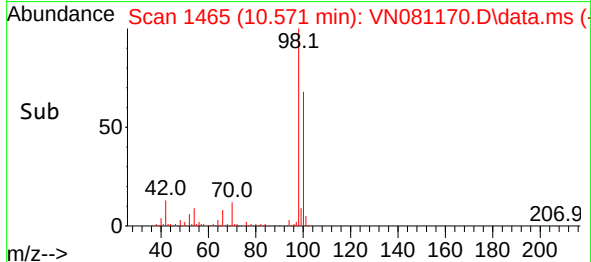
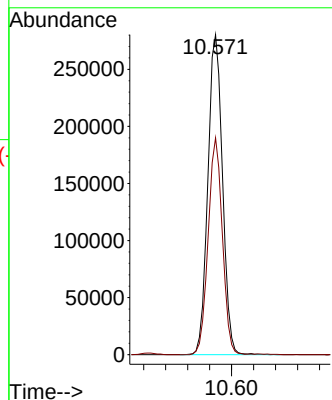
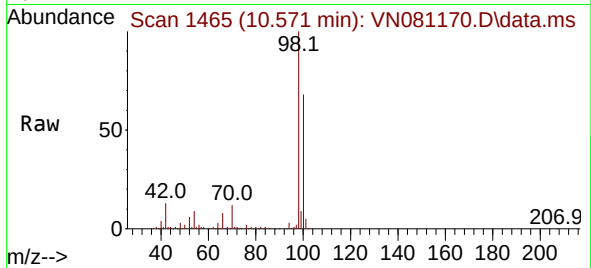




#50
Toluene-d8
Concen: 50.080 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

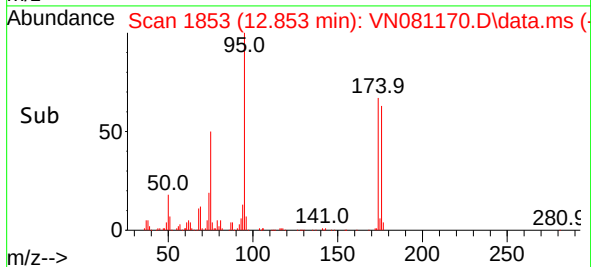
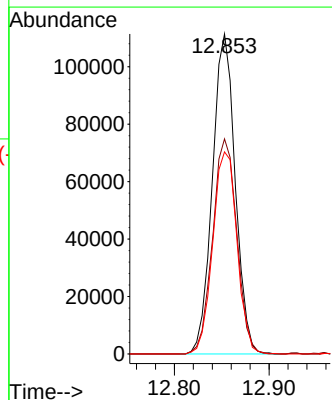
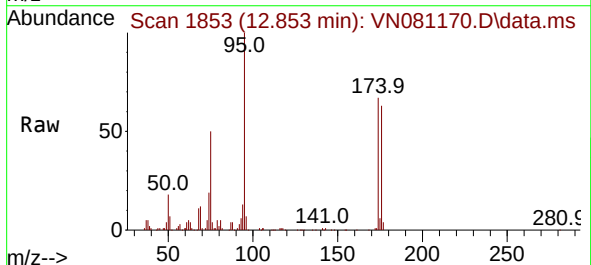
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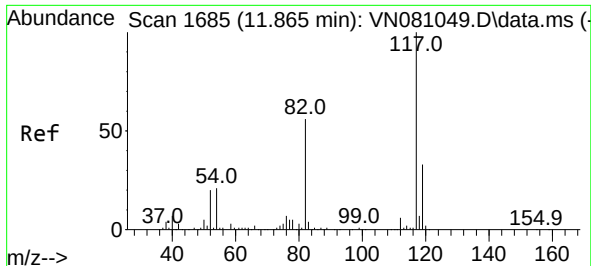
Tgt Ion: 98 Resp: 516978
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.086 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

Tgt Ion: 95 Resp: 186520
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 67.1 0.0 121.0

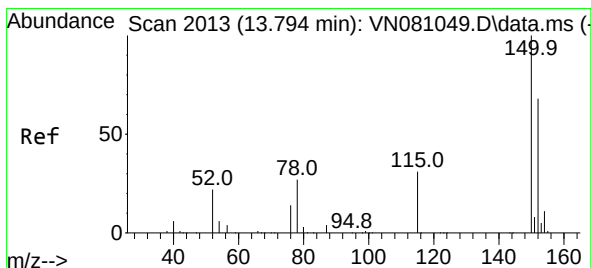
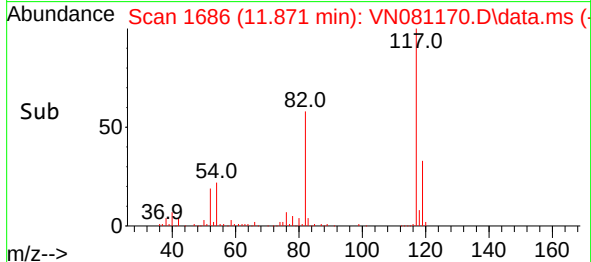
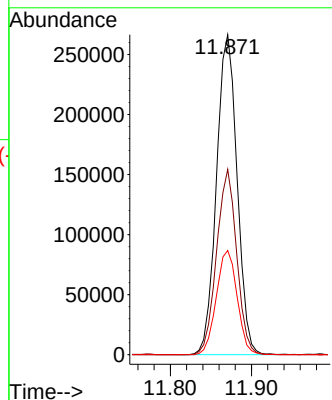
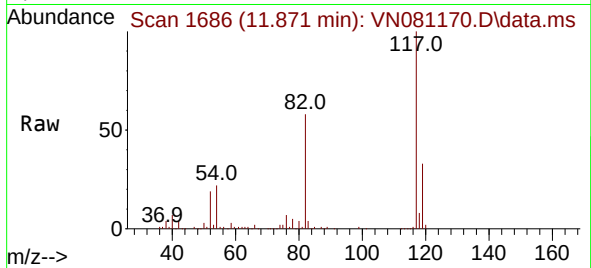




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081170.D
Acq: 23 Feb 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 470160
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.6 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: VN081170.D
Acq: 23 Feb 2024 19:45

Tgt Ion:152 Resp: 183584
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 165.0 0.0 339.8

