

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078750.D
 Acq On : 03 Aug 2023 14:07
 Operator : JC\MD
 Sample : 03884-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)DL

Quant Time: Aug 04 06:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

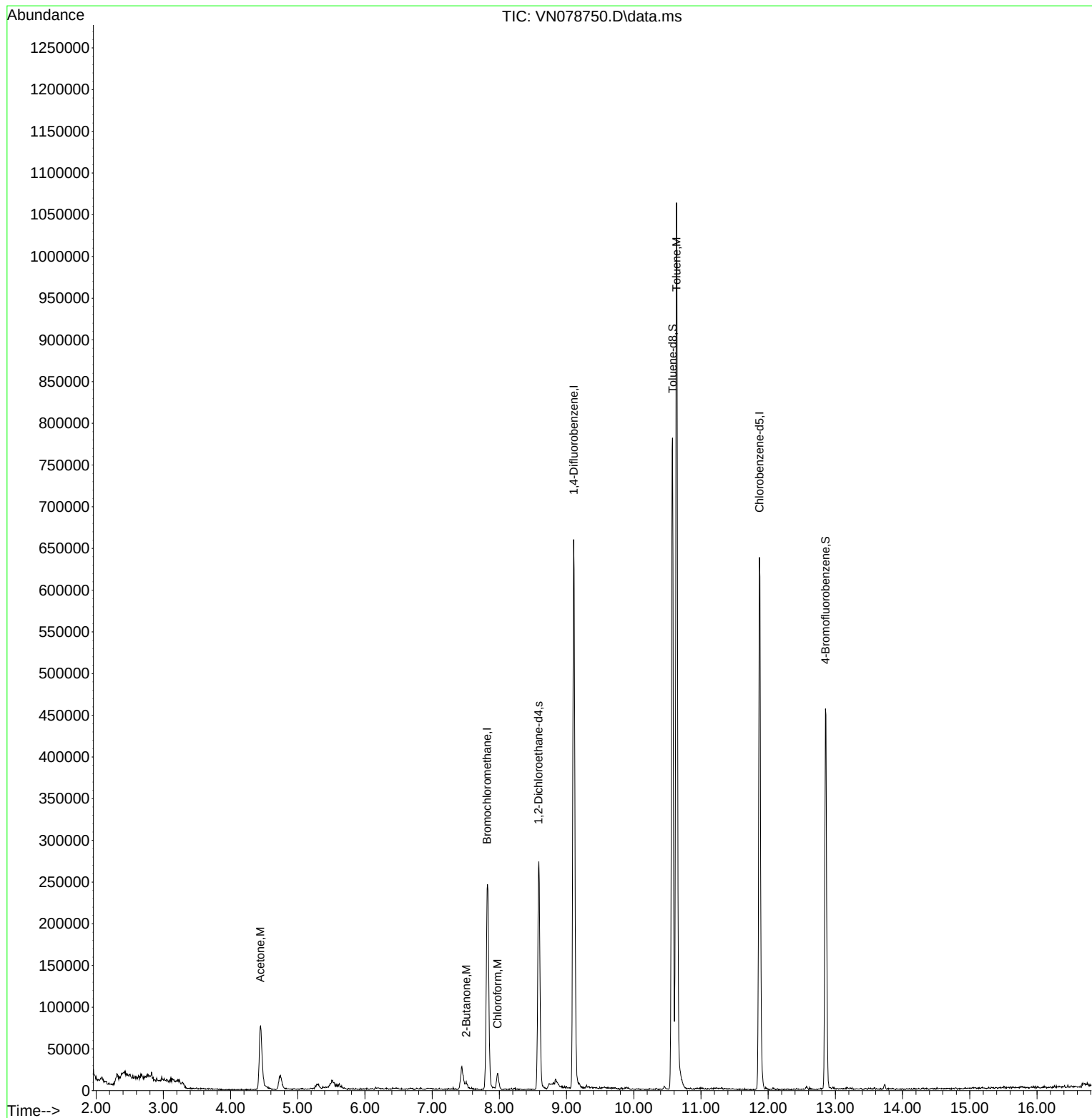
Internal Standards						
1) Bromochloromethane	7.818	128	93572	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	580962	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	402998	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	226246	32.256	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.533%
60) 4-Bromofluorobenzene	12.853	95	173827	28.782	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.933%
63) Toluene-d8	10.576	98	581313	29.200	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.333%
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	45992	64.110	ug/l	97
25) Chloroform	7.971	83	17077	1.520	ug/l	93
30) 2-Butanone	7.506	43	13606	4.026	ug/l #	74
62) Toluene	10.635	91	831801	34.314	ug/l	99

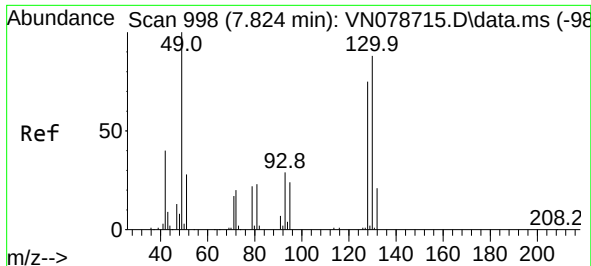
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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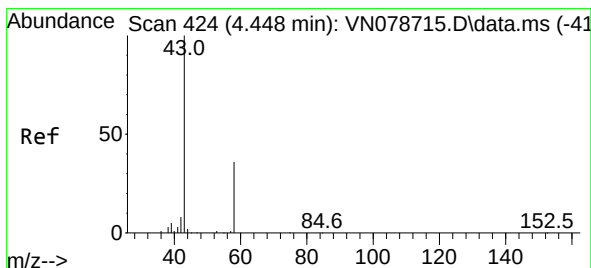
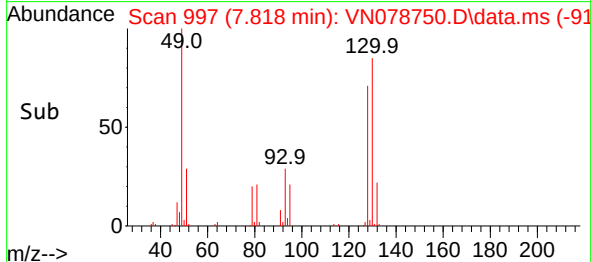
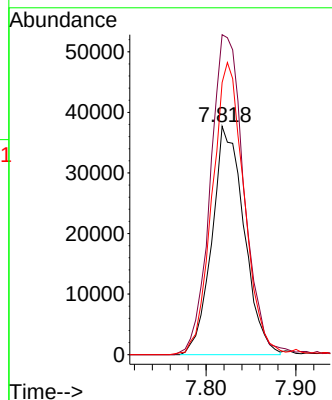
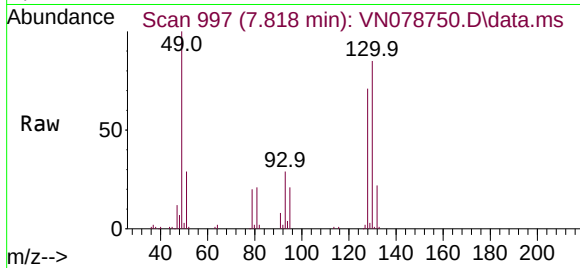




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078750.D
Acq: 03 Aug 2023 14:07

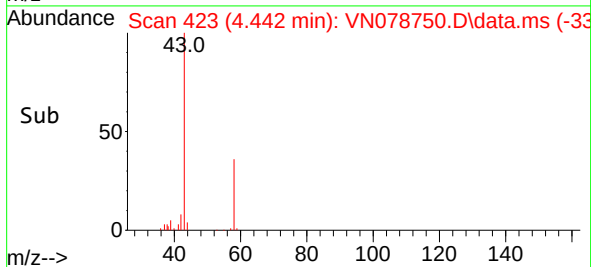
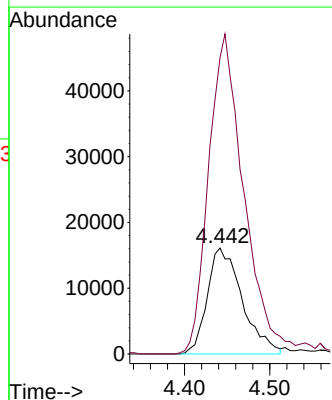
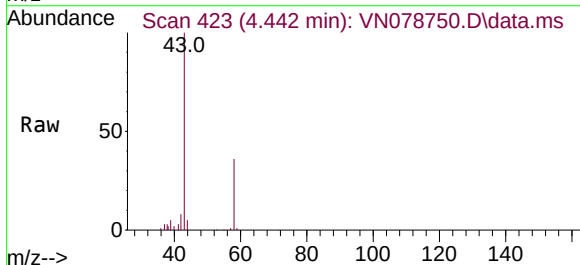
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

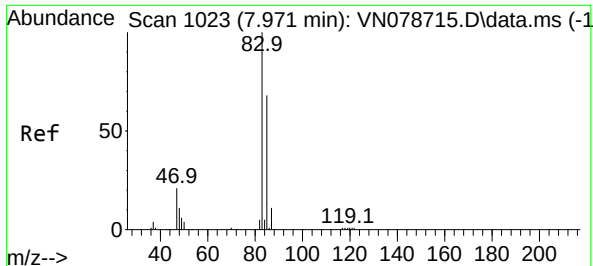
Tgt Ion:128 Resp: 93572
Ion Ratio Lower Upper
128 100
49 146.9 0.0 370.8
130 125.7 0.0 307.0



#15
Acetone
Concen: 64.110 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN078750.D
Acq: 03 Aug 2023 14:07

Tgt Ion: 58 Resp: 45992
Ion Ratio Lower Upper
58 100
43 278.5 227.5 341.3

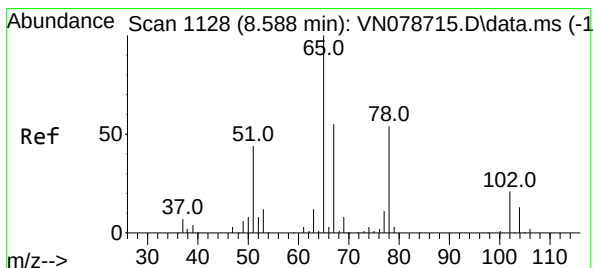
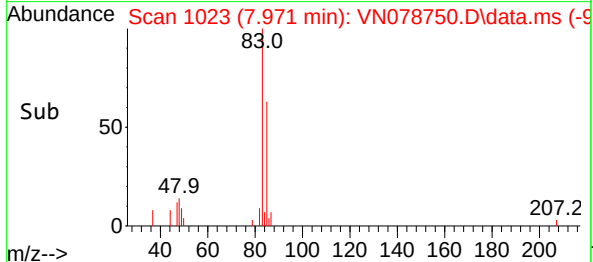
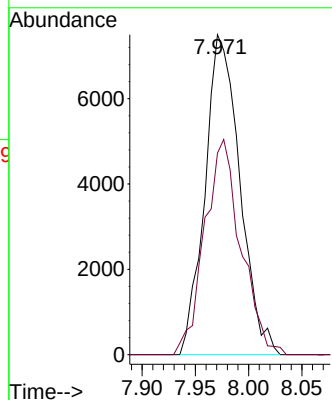
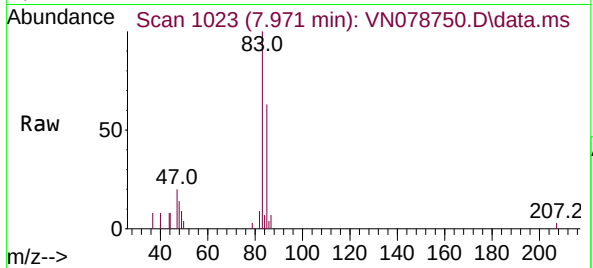




#25
Chloroform
Concen: 1.520 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078750.D
Acq: 03 Aug 2023 14:07

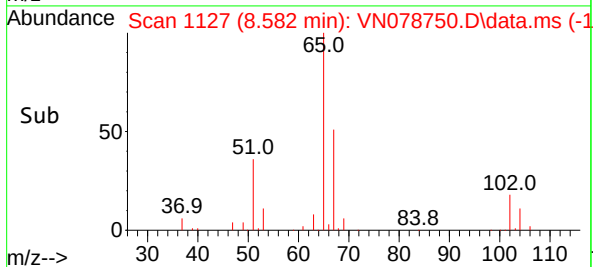
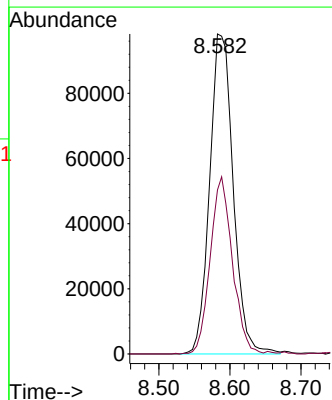
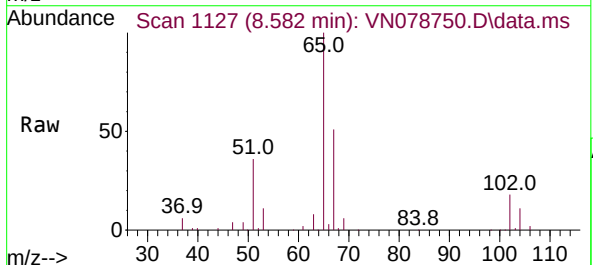
Instrument :
MSVOA_N
ClientSampleId :
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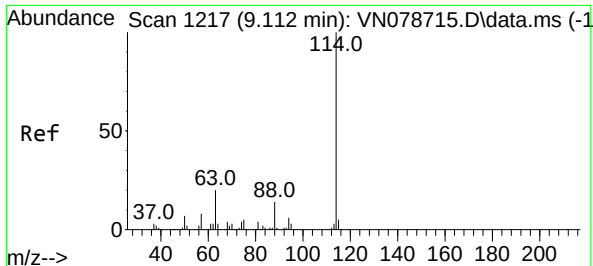
Tgt Ion: 83 Resp: 17077
Ion Ratio Lower Upper
83 100
85 60.7 53.4 80.0



#27
1,2-Dichloroethane-d4
Concen: 32.256 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078750.D
Acq: 03 Aug 2023 14:07

Tgt Ion: 65 Resp: 226246
Ion Ratio Lower Upper
65 100
67 52.1 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078750.D

Acq: 03 Aug 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUNE)DL

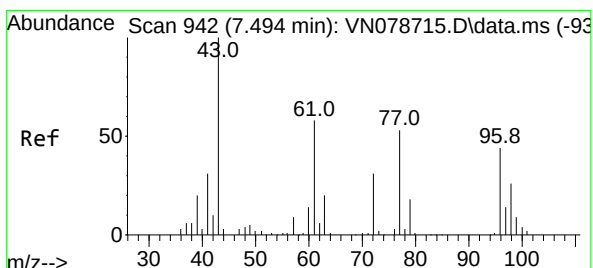
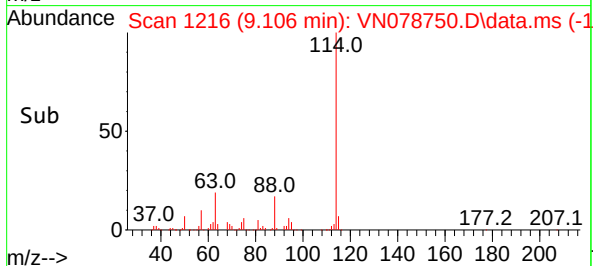
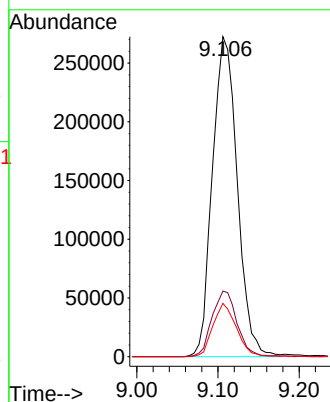
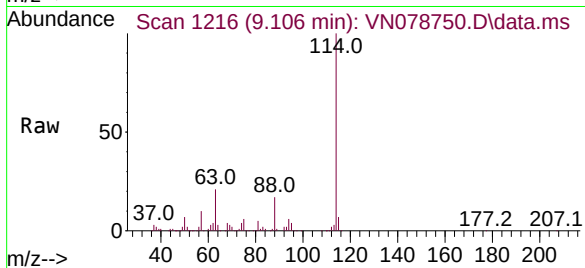
Tgt Ion:114 Resp: 580962

Ion Ratio Lower Upper

114 100

63 20.6 15.2 22.8

88 15.7 12.5 18.7



#30

2-Butanone

Concen: 4.026 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.012 min

Lab File: VN078750.D

Acq: 03 Aug 2023 14:07

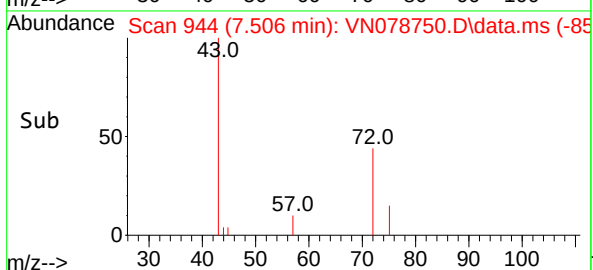
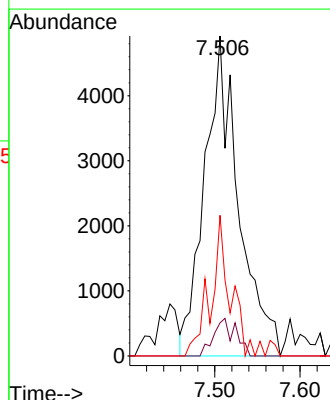
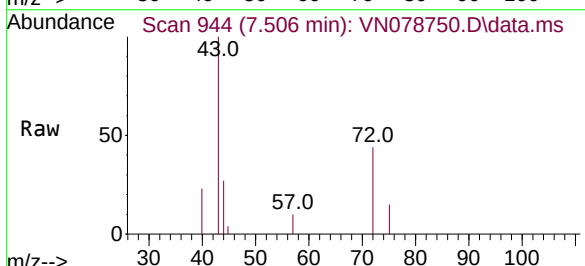
Tgt Ion: 43 Resp: 13606

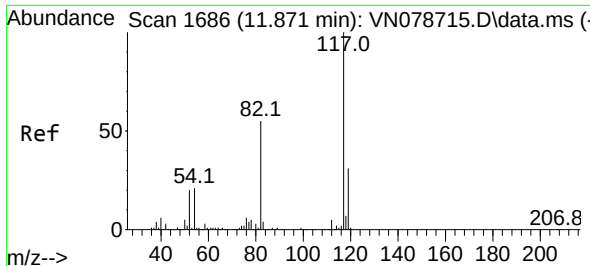
Ion Ratio Lower Upper

43 100

57 5.2 6.8 10.2#

72 13.0 23.8 35.6#

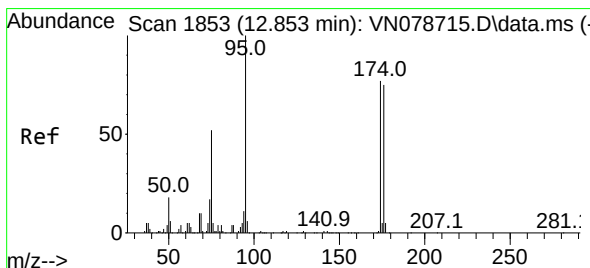
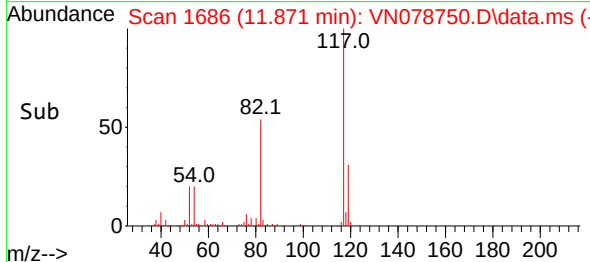
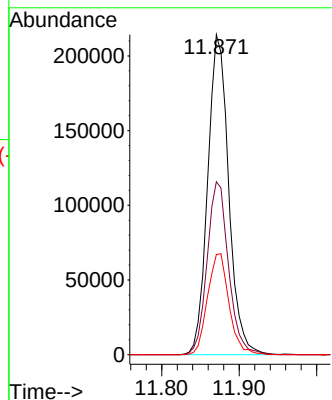
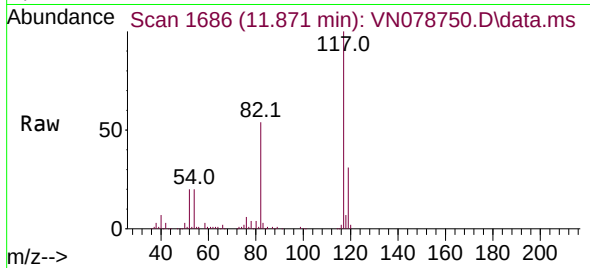




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078750.D
Acq: 03 Aug 2023 14:07

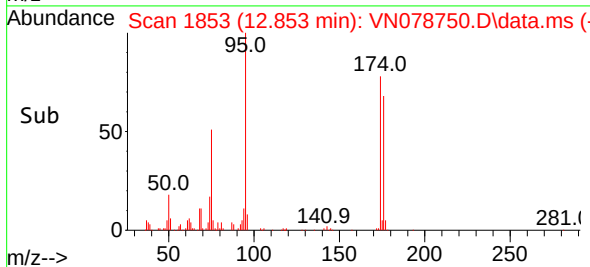
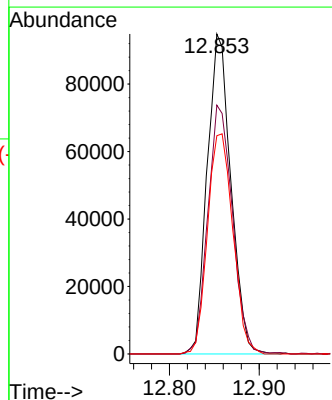
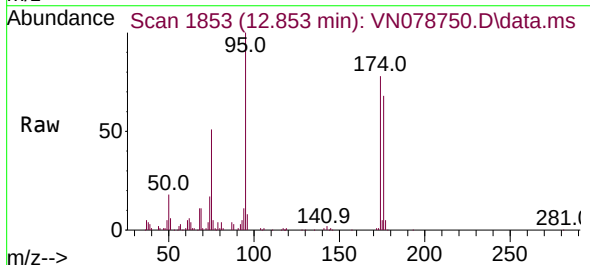
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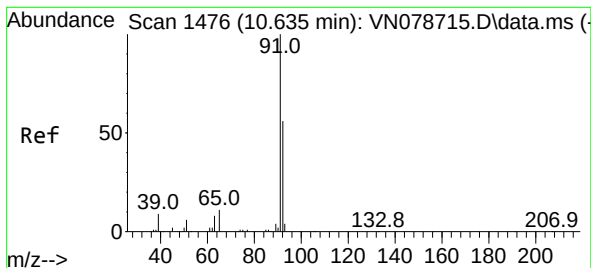
Tgt Ion:117 Resp: 402998
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 32.3 26.2 39.4



#60
4-Bromofluorobenzene
Concen: 28.782 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078750.D
Acq: 03 Aug 2023 14:07

Tgt Ion: 95 Resp: 173827
Ion Ratio Lower Upper
95 100
174 80.9 61.7 92.5
176 73.7 58.1 87.1





#62

Toluene

Concen: 34.314 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN078750.D

Acq: 03 Aug 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

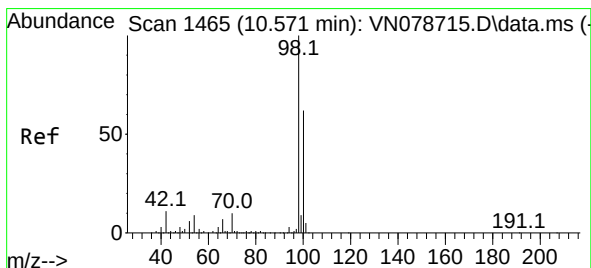
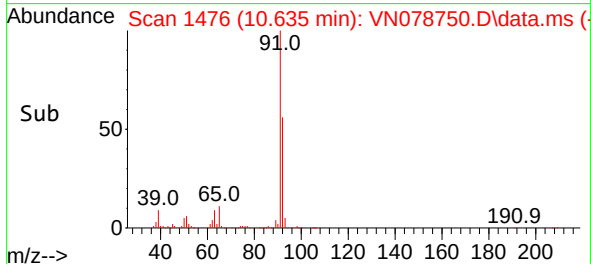
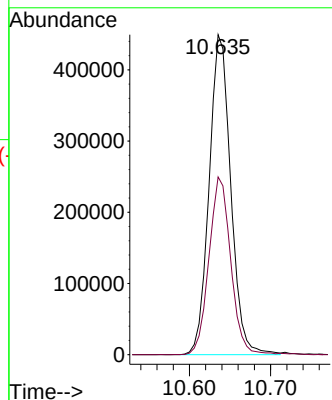
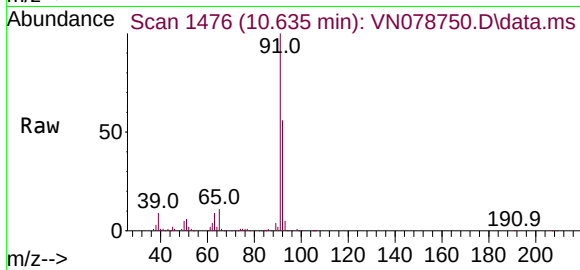
002-35TH-AVE(JUNE)DL

Tgt Ion: 91 Resp: 831801

Ion Ratio Lower Upper

91 100

92 55.8 45.2 67.8



#63

Toluene-d8

Concen: 29.200 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078750.D

Acq: 03 Aug 2023 14:07

Tgt Ion: 98 Resp: 581313

Ion Ratio Lower Upper

98 100

100 62.3 49.7 74.5

