

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080417.D
 Acq On : 08 Dec 2023 19:32
 Operator : JC\MD
 Sample : PB157593TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157593TB

Quant Time: Dec 08 22:45:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

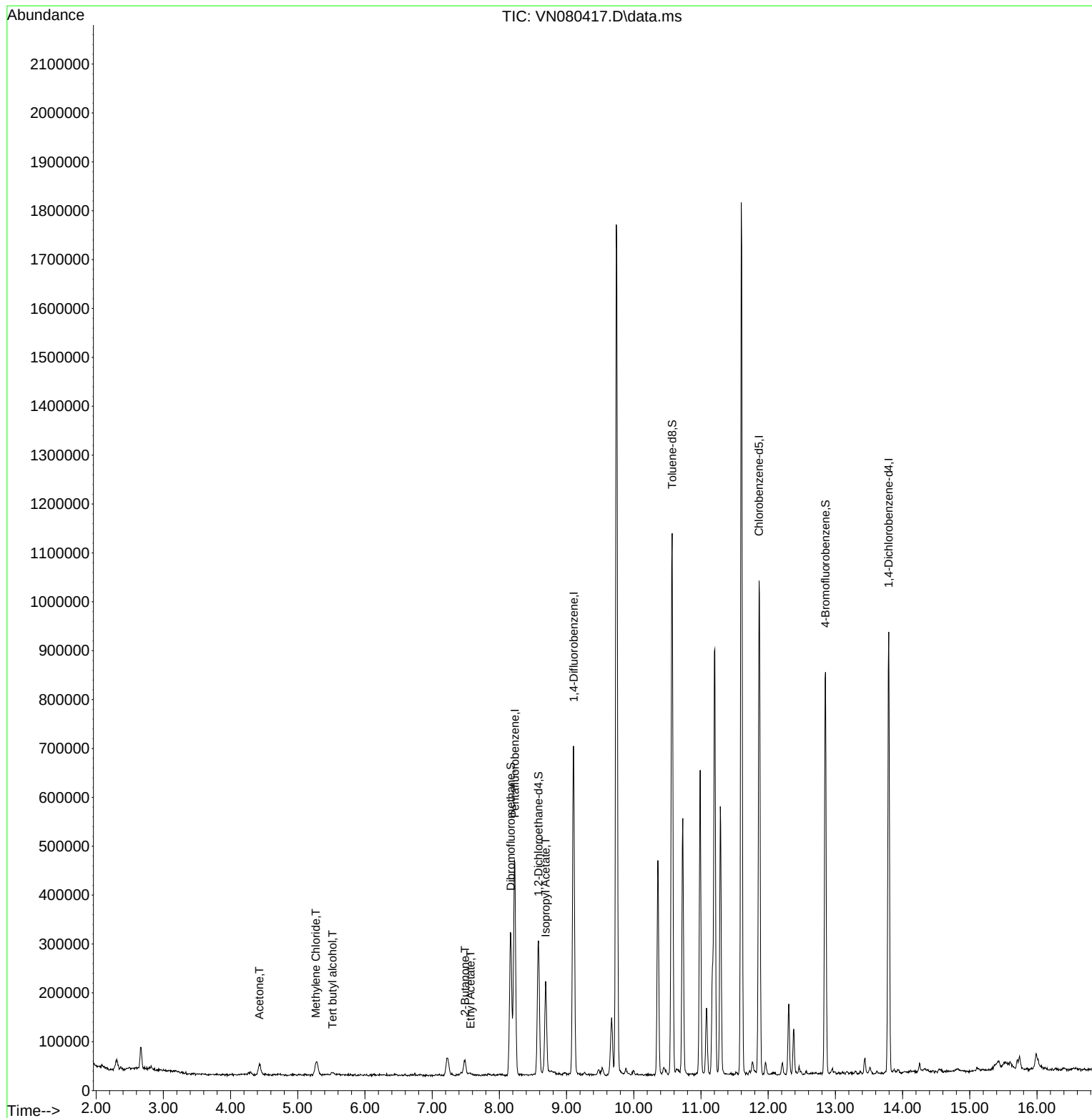
Internal Standards						
1) Pentafluorobenzene	8.230	168	317569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	594344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	239435	45.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.320%
35) Dibromofluoromethane	8.171	113	208885	48.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.571	98	771092	50.118	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	301638	51.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	9805	17.004	ug/l	97
16) Acetone	4.430	43	38603	21.919	ug/l	98
20) Methylene Chloride	5.271	84	24590	6.667	ug/l #	89
25) 2-Butanone	7.488	43	48833	23.337	ug/l	88
37) Ethyl Acetate	7.571	43	6235	1.455	ug/l #	95
43) Isopropyl Acetate	8.688	43	207506	24.878	ug/l #	87

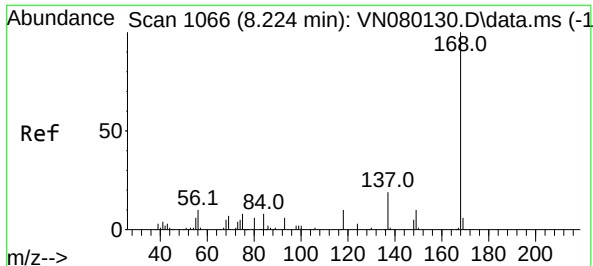
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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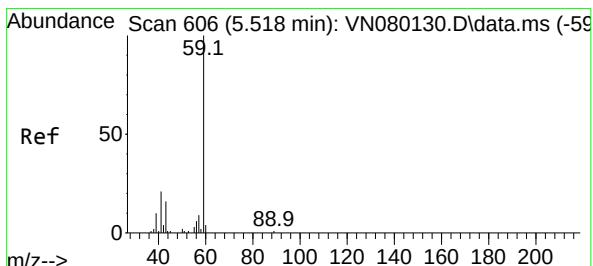
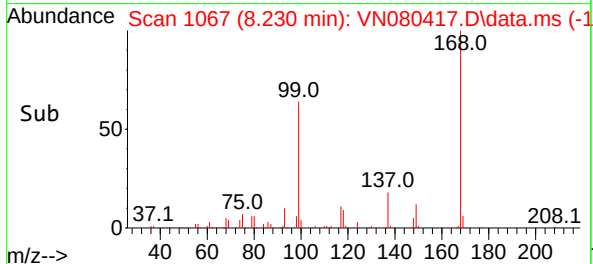
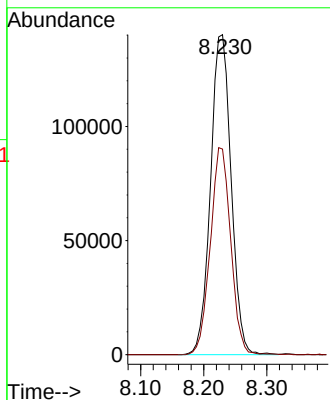
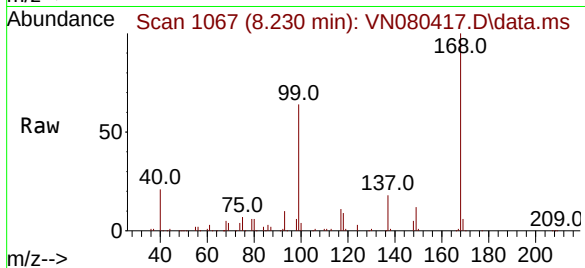




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

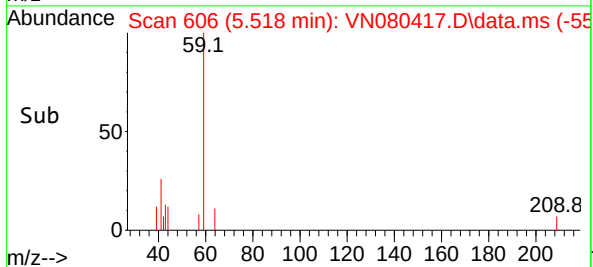
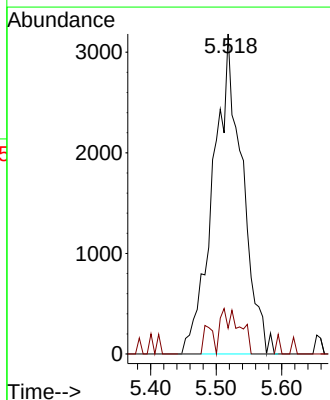
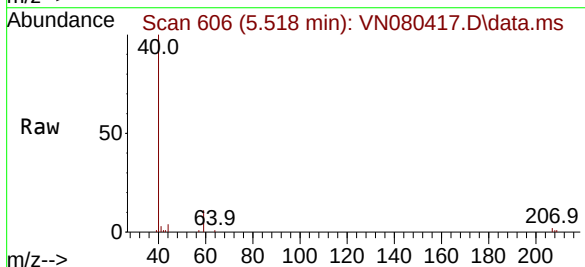
Instrument :
MSVOA_N
ClientSampleId :
PB157593TB

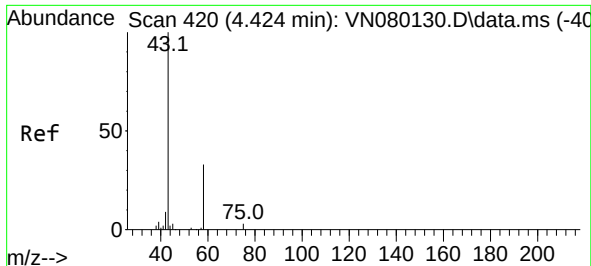
Tgt Ion:168 Resp: 317569
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#11
Tert butyl alcohol
Concen: 17.004 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

Tgt Ion: 59 Resp: 9805
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4

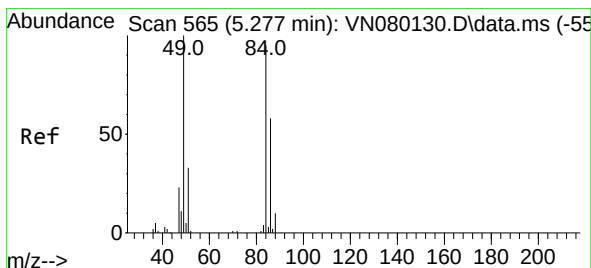
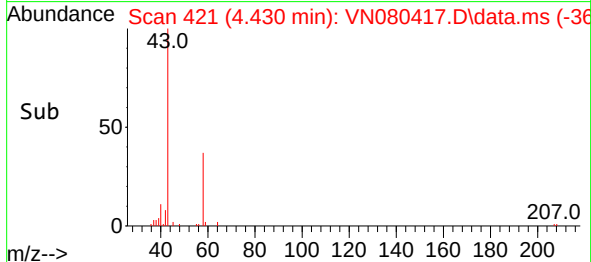
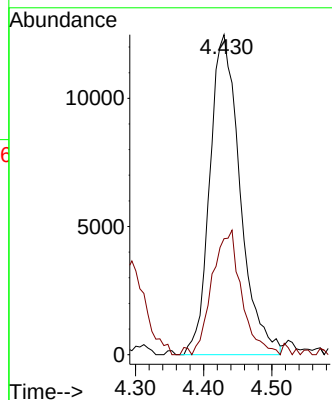
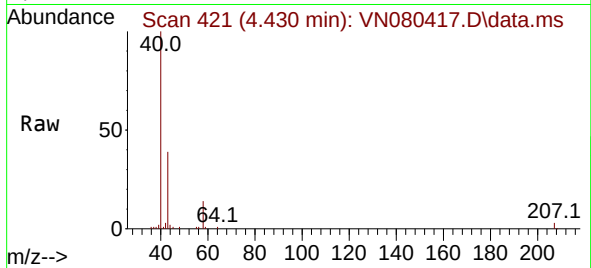




#16
Acetone
Concen: 21.919 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

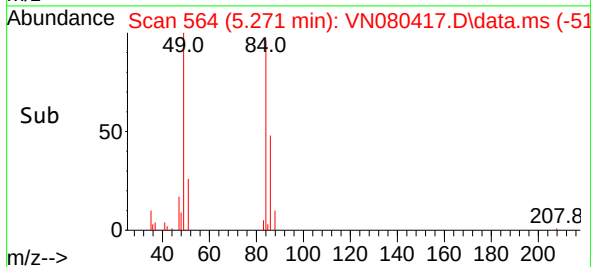
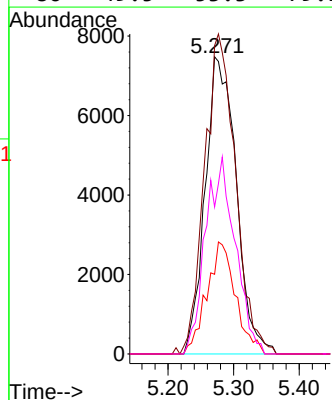
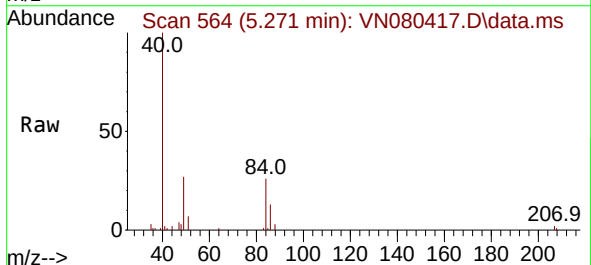
Instrument :
MSVOA_N
ClientSampleId :
PB157593TB

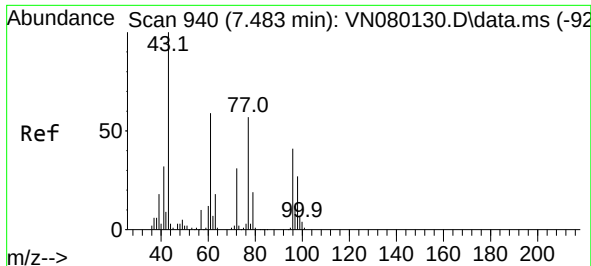
Tgt Ion: 43 Resp: 38603
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0



#20
Methylene Chloride
Concen: 6.667 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

Tgt Ion: 84 Resp: 24590
Ion Ratio Lower Upper
84 100
49 103.8 79.7 119.5
51 26.8 25.2 37.8
86 49.5 53.3 79.9#

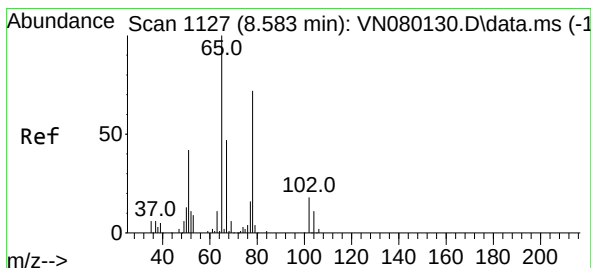
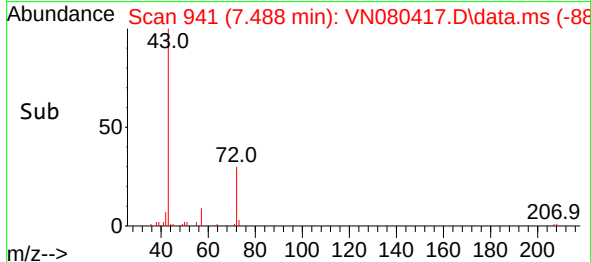
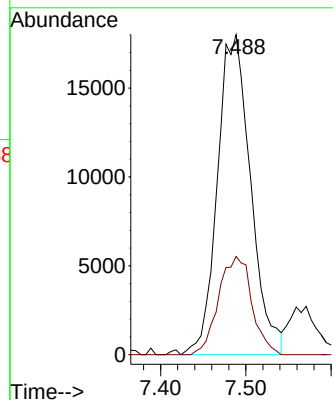
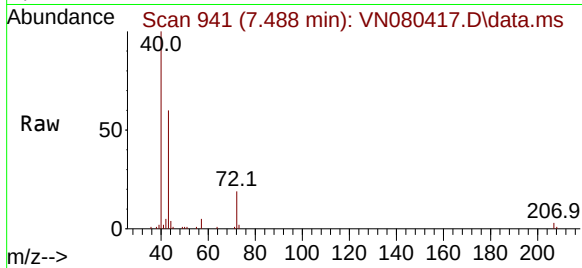




#25
2-Butanone
Concen: 23.337 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

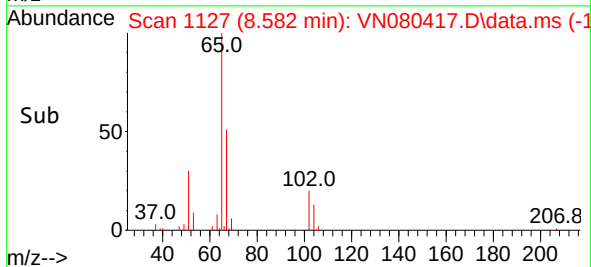
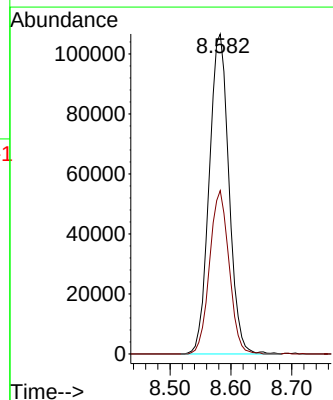
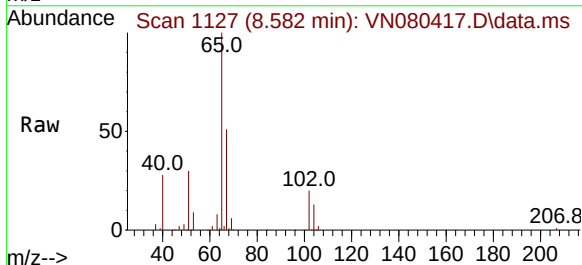
Instrument :
MSVOA_N
ClientSampleId :
PB157593TB

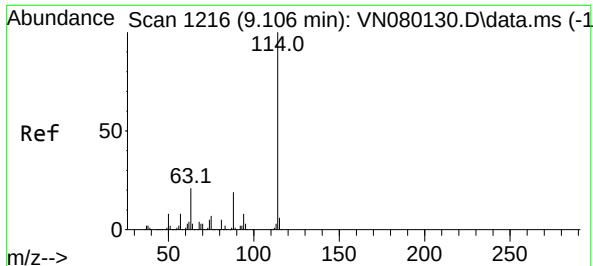
Tgt Ion: 43 Resp: 48833
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 45.663 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

Tgt Ion: 65 Resp: 239435
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080417.D

Acq: 08 Dec 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

PB157593TB

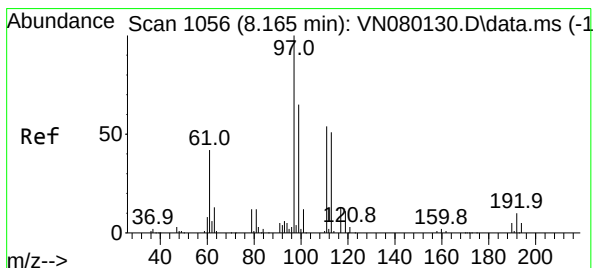
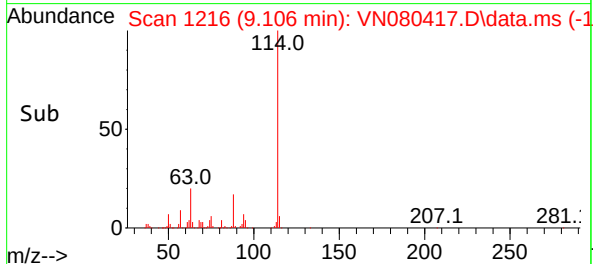
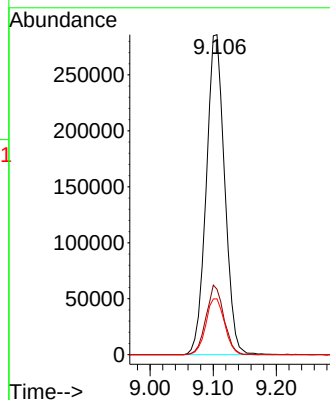
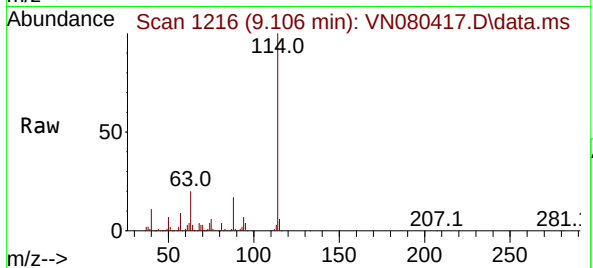
Tgt Ion:114 Resp: 578428

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080417.D

Acq: 08 Dec 2023 19:32

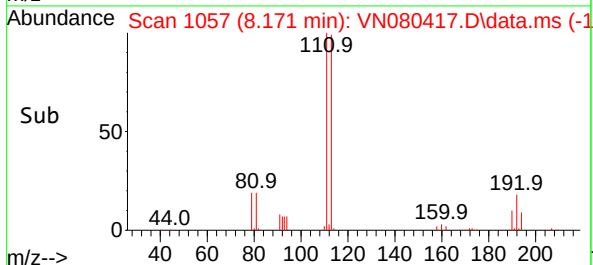
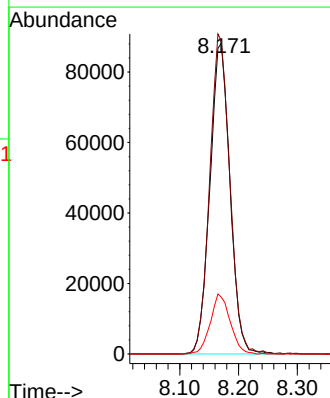
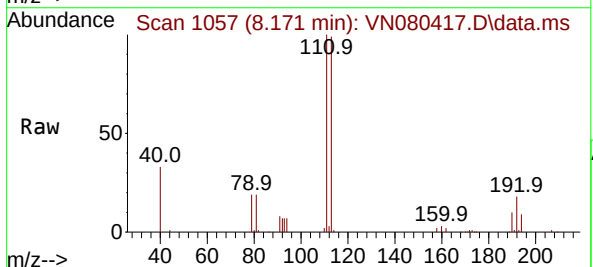
Tgt Ion:113 Resp: 208885

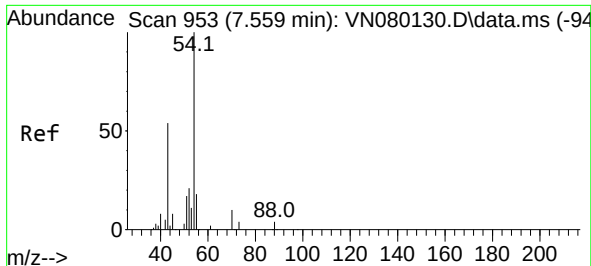
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 19.0 12.7 19.1





#37

Ethyl Acetate

Concen: 1.455 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN080417.D

Acq: 08 Dec 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

PB157593TB

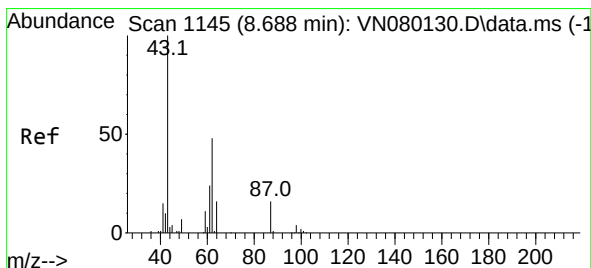
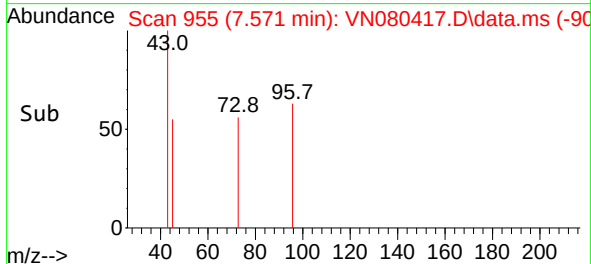
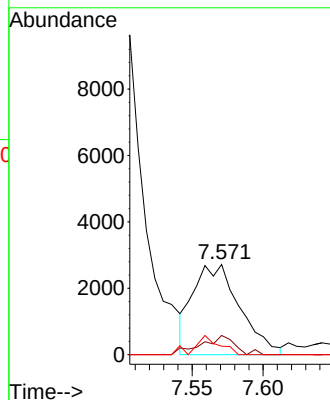
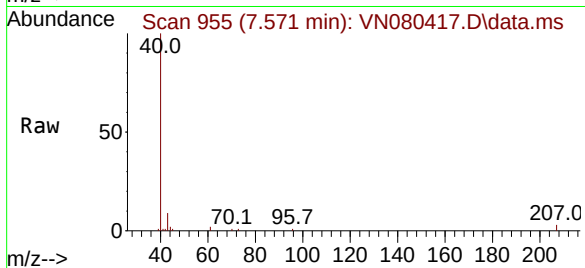
Tgt Ion: 43 Resp: 6235

Ion Ratio Lower Upper

43 100

61 15.3 13.2 19.8

70 11.2 11.3 16.9#



#43

Isopropyl Acetate

Concen: 24.878 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080417.D

Acq: 08 Dec 2023 19:32

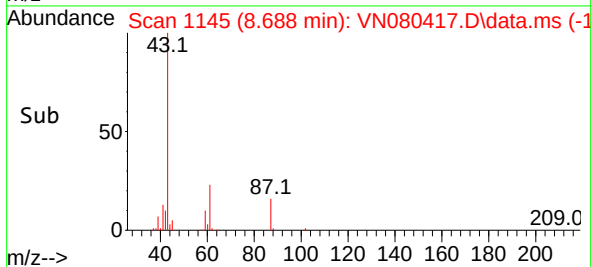
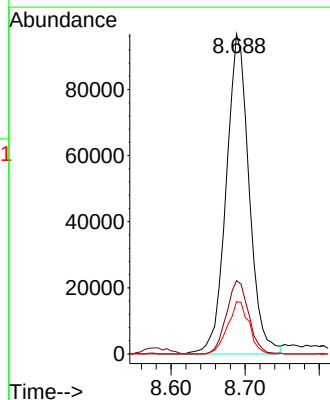
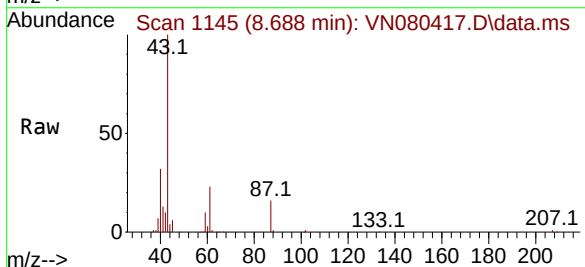
Tgt Ion: 43 Resp: 207506

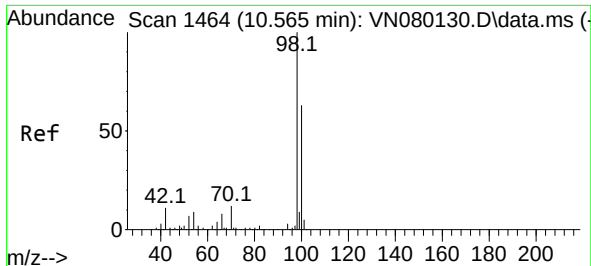
Ion Ratio Lower Upper

43 100

61 22.1 24.7 37.1#

87 15.2 14.6 21.8

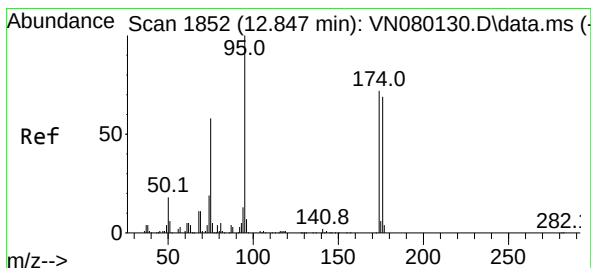
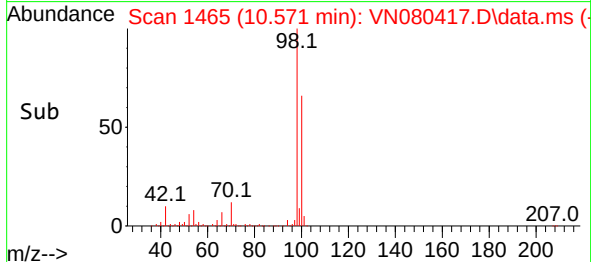
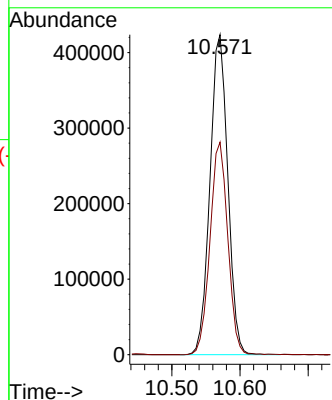
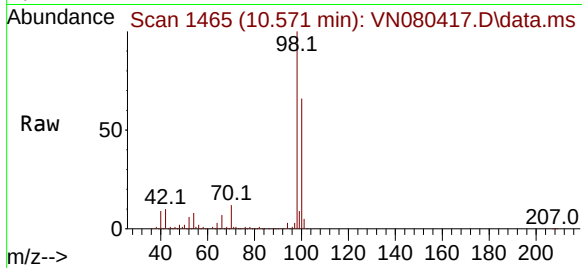




#50
Toluene-d8
Concen: 50.118 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

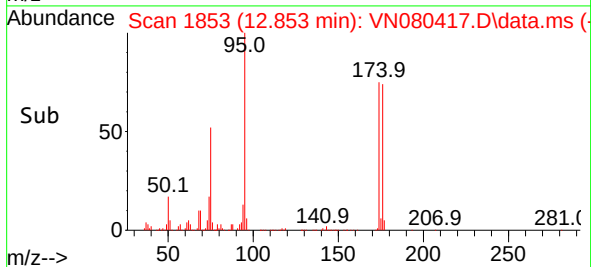
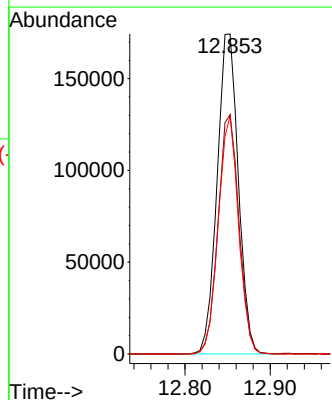
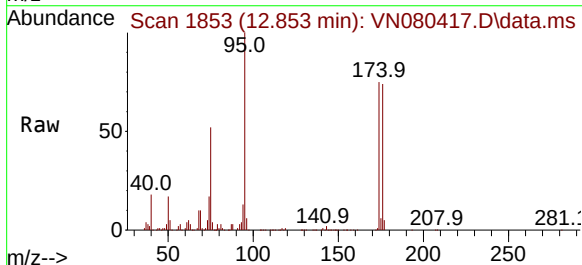
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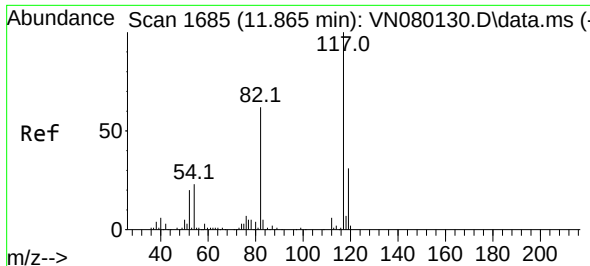
Tgt Ion: 98 Resp: 771092
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.905 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

Tgt Ion: 95 Resp: 301638
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 70.9 0.0 135.8

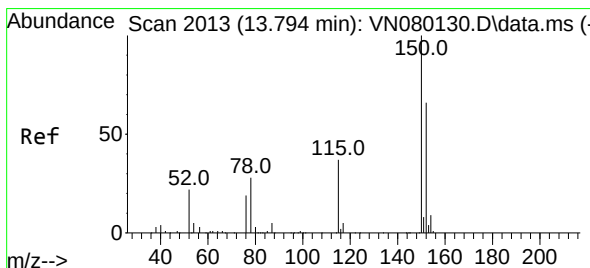
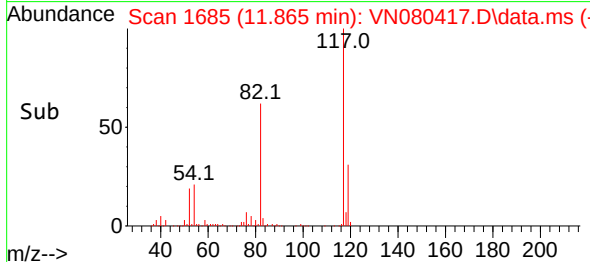
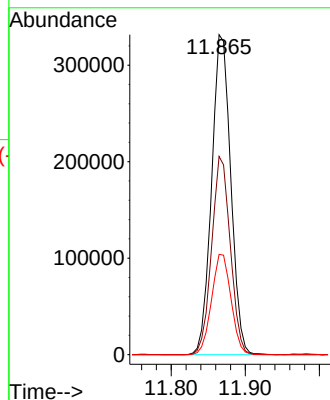
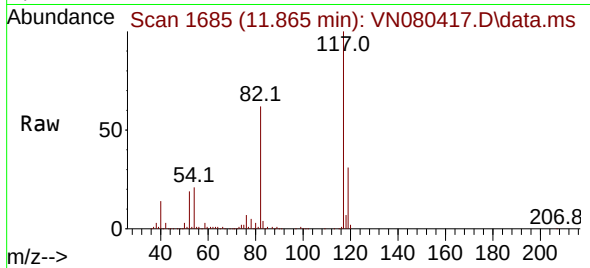




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB157593TB

Tgt Ion:117 Resp: 594344
Ion Ratio Lower Upper
117 100
82 62.0 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080417.D
Acq: 08 Dec 2023 19:32

Tgt Ion:152 Resp: 242995
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 158.2 0.0 355.8

