

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080502.D
 Acq On : 15 Dec 2023 14:48
 Operator : JC\MD
 Sample : PB157817TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157817TB

Quant Time: Dec 16 02:52:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

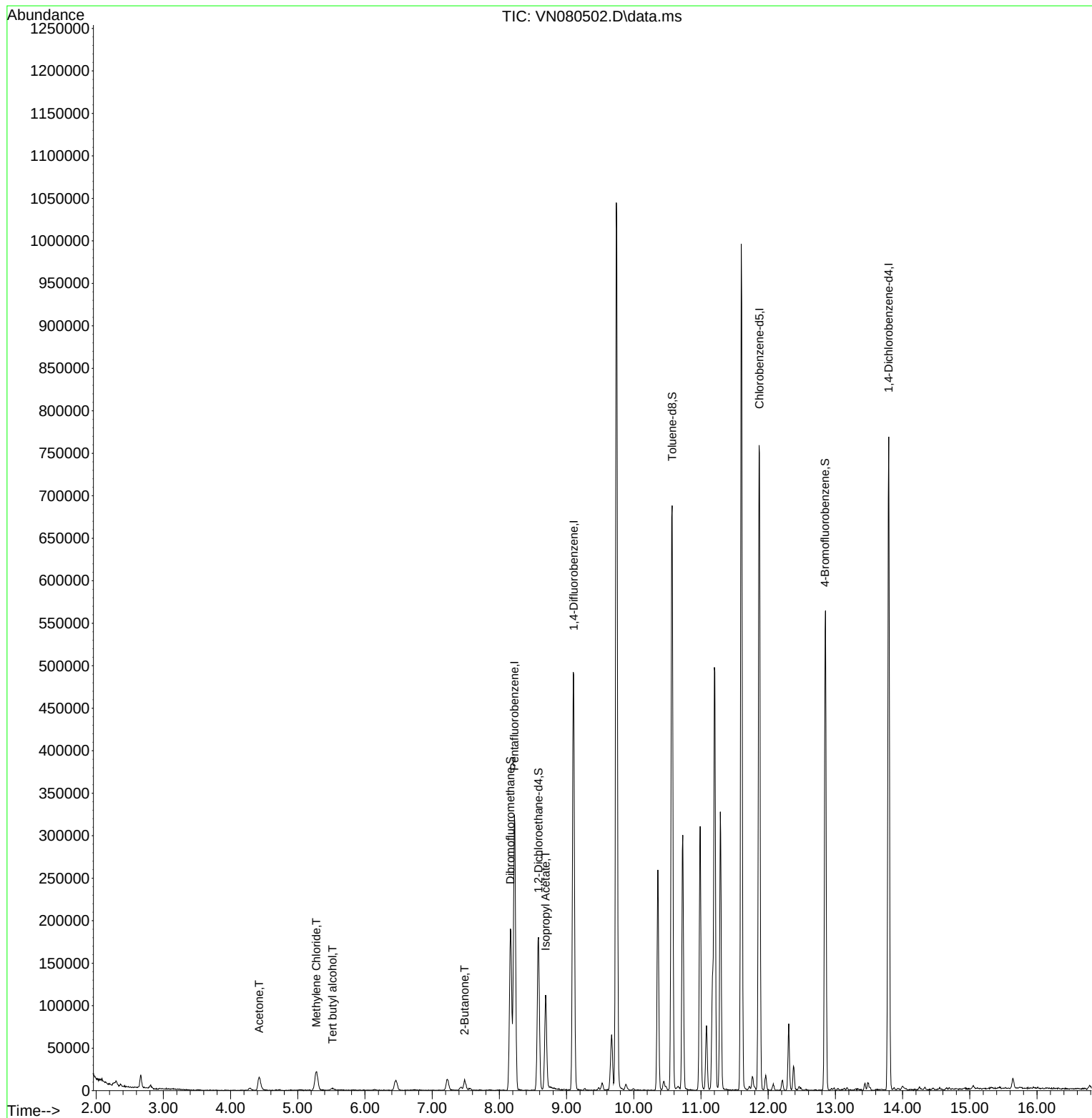
Internal Standards						
1) Pentafluorobenzene	8.224	168	232183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	425082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158587	53.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.960%	
35) Dibromofluoromethane	8.165	113	135905	50.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.860%	
50) Toluene-d8	10.570	98	485779	48.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.847	95	203635	53.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.700%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.518	59	4527	12.962	ug/l #	76
16) Acetone	4.424	43	30028	57.107	ug/l	94
20) Methylene Chloride	5.277	84	19741	7.015	ug/l	91
25) 2-Butanone	7.482	43	17673	17.447	ug/l	89
43) Isopropyl Acetate	8.688	43	122110	24.610	ug/l #	88

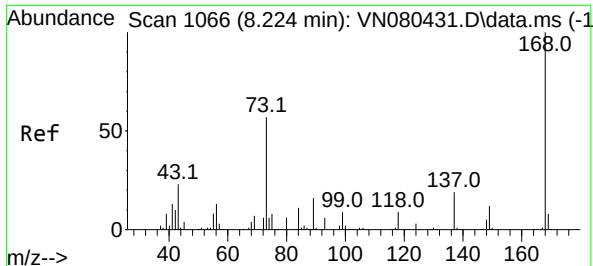
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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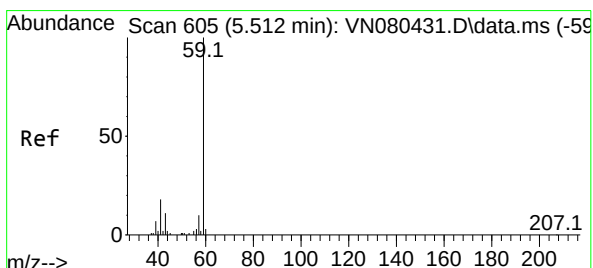
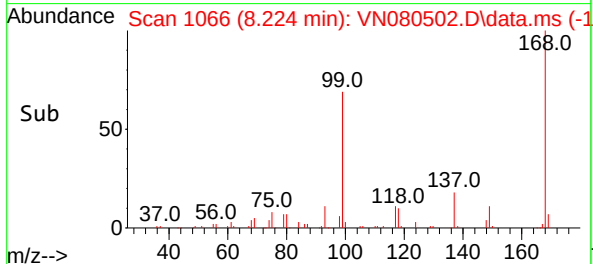
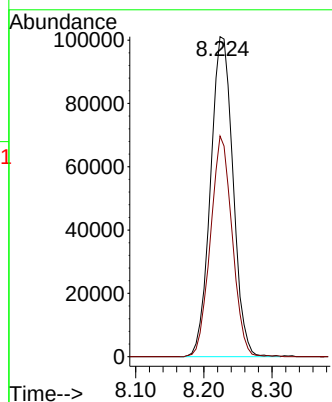
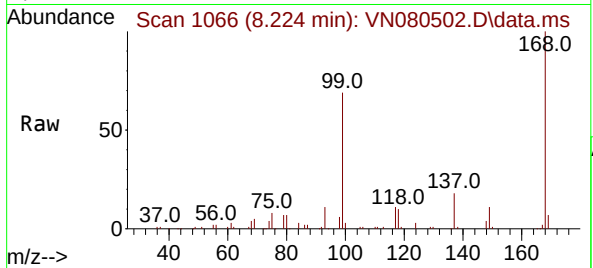




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

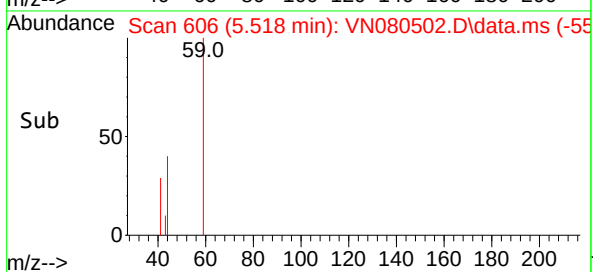
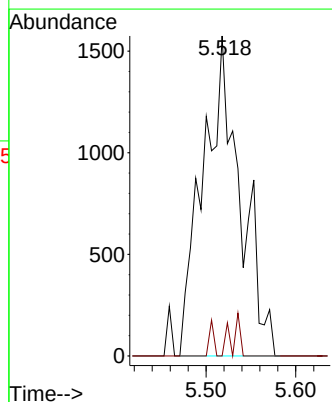
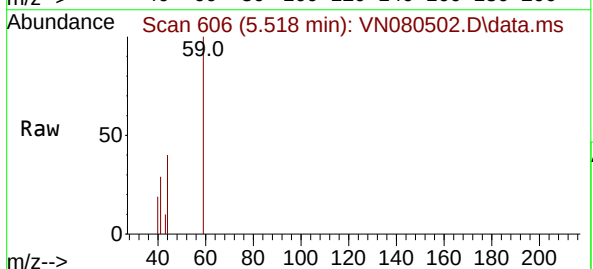
Instrument :
MSVOA_N
ClientSampleId :
PB157817TB

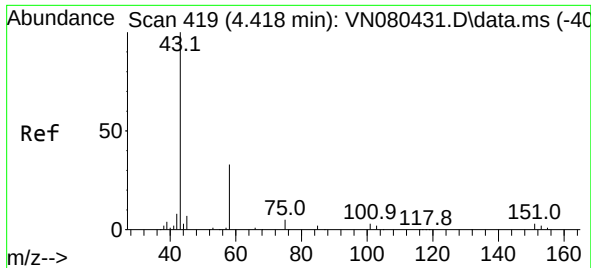
Tgt Ion:168 Resp: 232183
Ion Ratio Lower Upper
168 100
99 69.0 53.0 79.6



#11
Tert butyl alcohol
Concen: 12.962 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

Tgt Ion: 59 Resp: 4527
Ion Ratio Lower Upper
59 100
57 1.3 8.2 12.4#

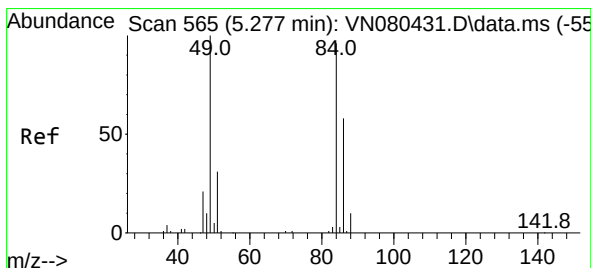
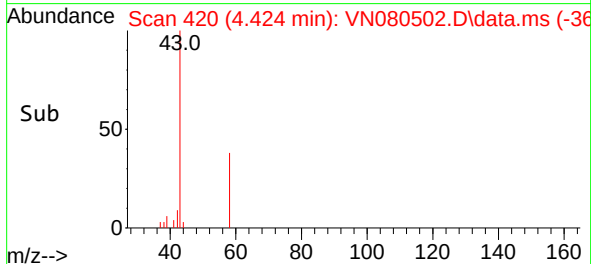
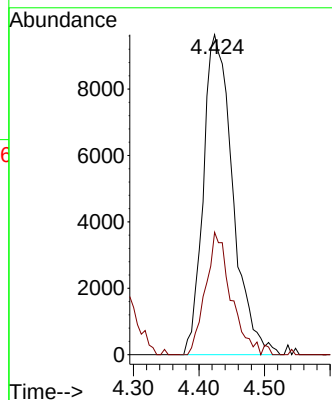
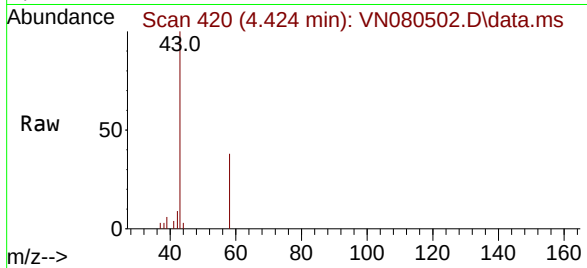




#16
Acetone
Concen: 57.107 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

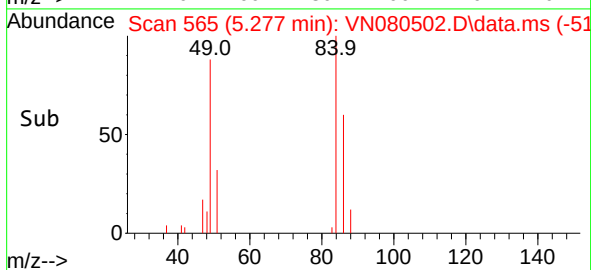
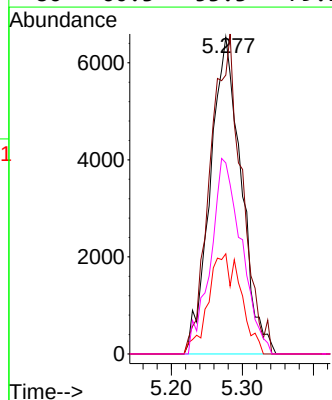
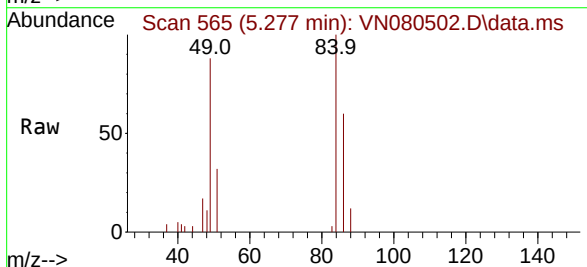
Instrument :
MSVOA_N
ClientSampleId :
PB157817TB

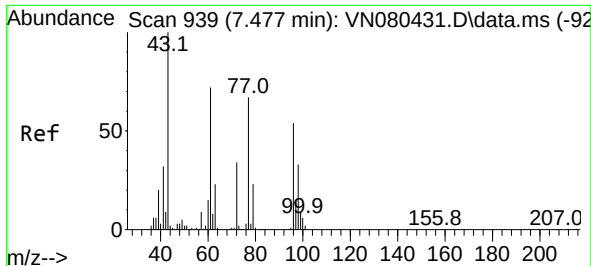
Tgt Ion: 43 Resp: 30028
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0



#20
Methylene Chloride
Concen: 7.015 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

Tgt Ion: 84 Resp: 19741
Ion Ratio Lower Upper
84 100
49 88.0 79.7 119.5
51 31.6 25.2 37.8
86 60.3 53.3 79.9

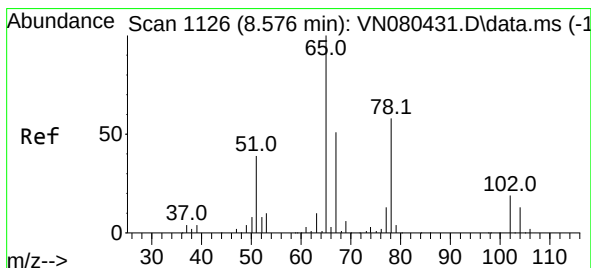
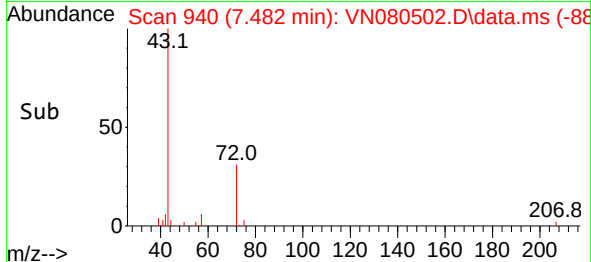
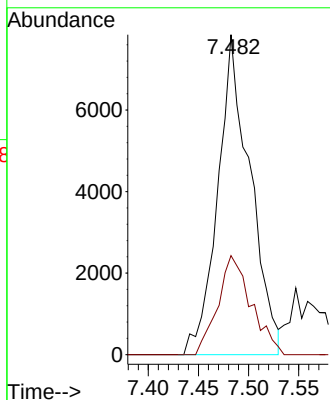
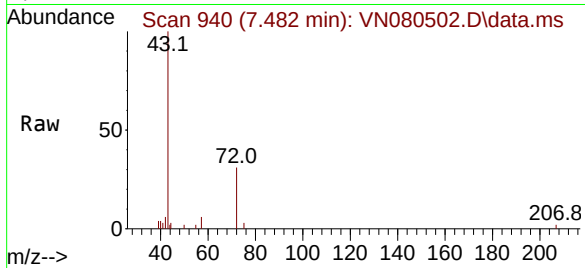




#25
2-Butanone
Concen: 17.447 ug/l
RT: 7.482 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

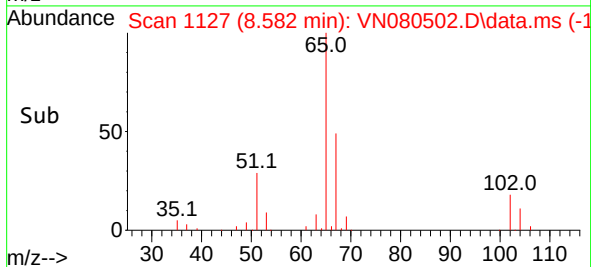
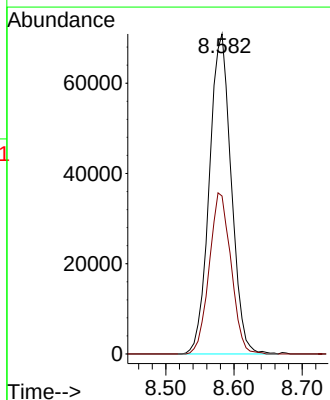
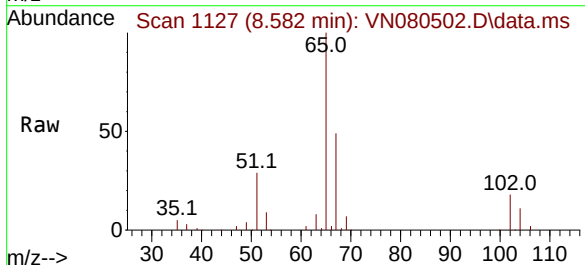
Instrument :
MSVOA_N
ClientSampleId :
PB157817TB

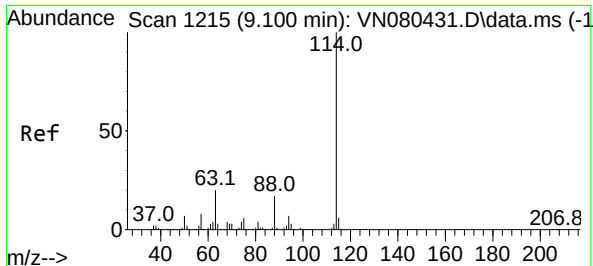
Tgt Ion: 43 Resp: 17673
Ion Ratio Lower Upper
43 100
72 31.0 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 53.477 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

Tgt Ion: 65 Resp: 158587
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080502.D

Acq: 15 Dec 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB157817TB

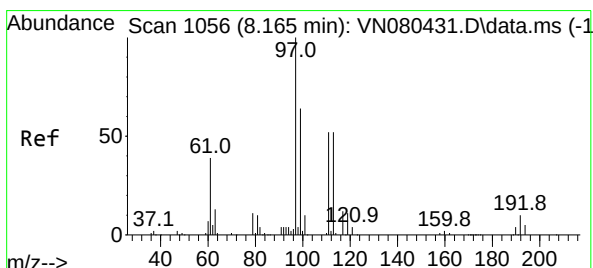
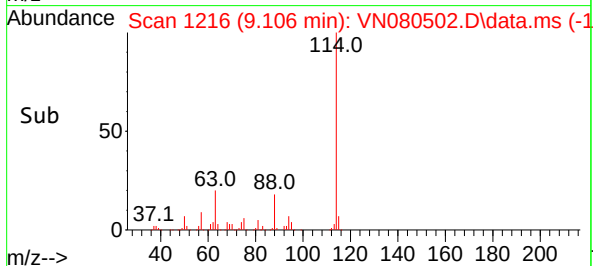
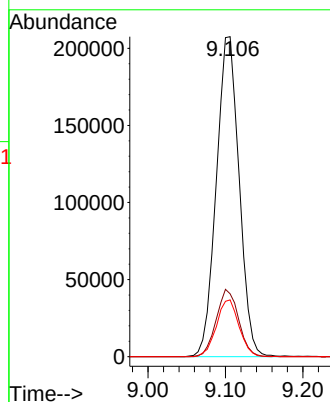
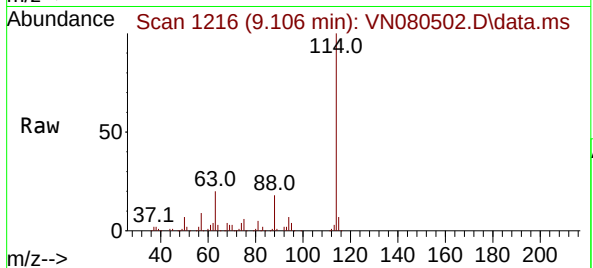
Tgt Ion:114 Resp: 425082

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080502.D

Acq: 15 Dec 2023 14:48

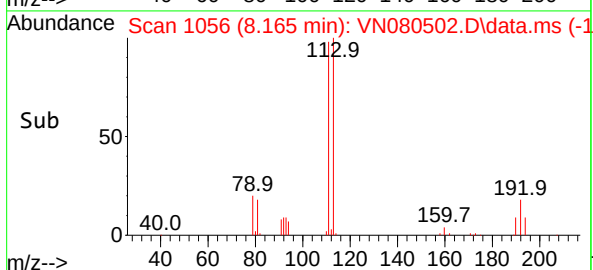
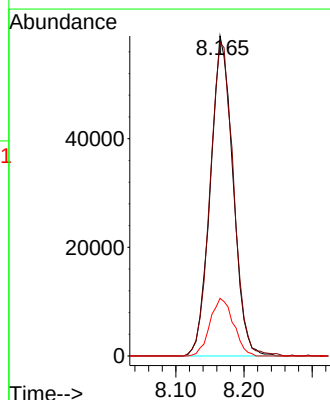
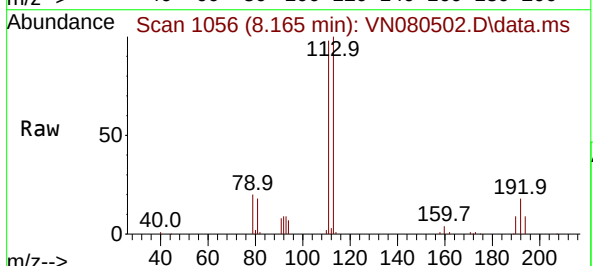
Tgt Ion:113 Resp: 135905

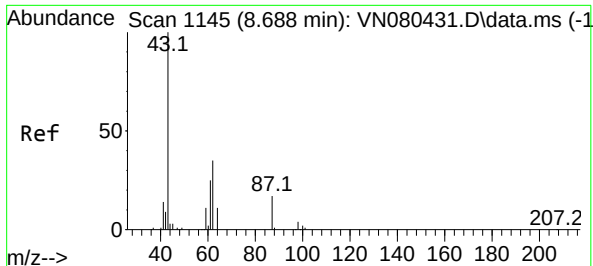
Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

192 18.7 12.7 19.1

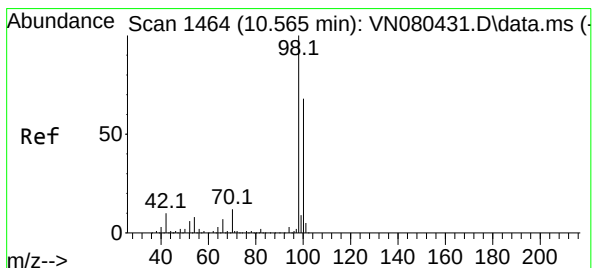
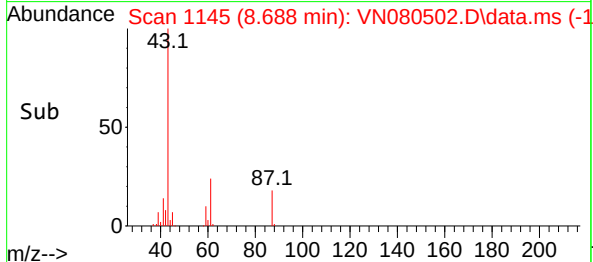
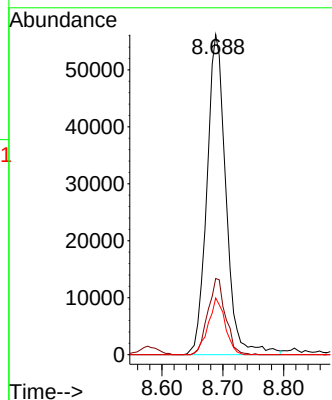
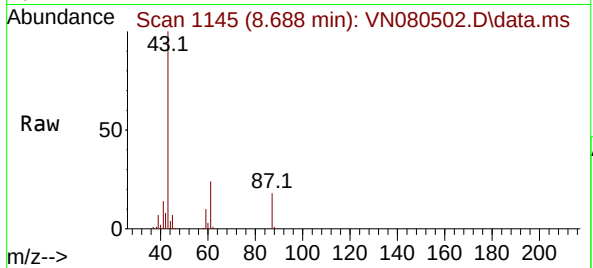




#43
Isopropyl Acetate
Concen: 24.610 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

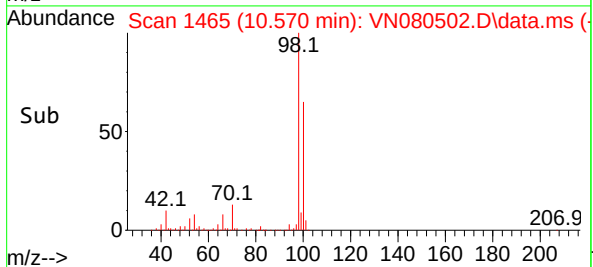
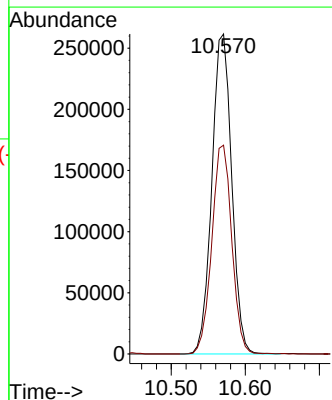
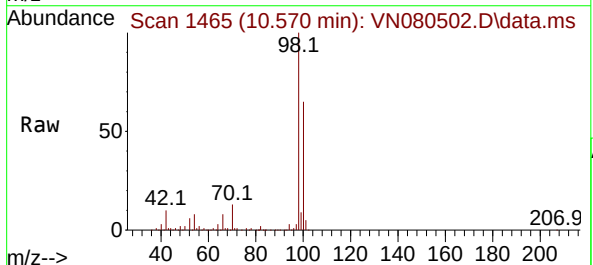
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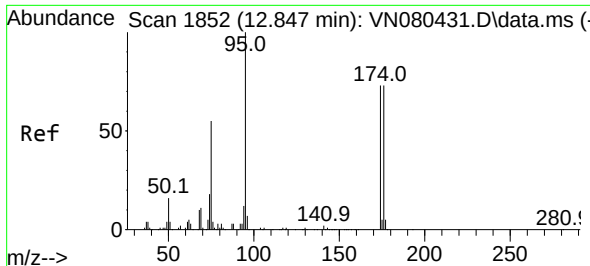
Tgt Ion: 43 Resp: 122110
Ion Ratio Lower Upper
43 100
61 22.1 24.7 37.1#
87 15.7 14.6 21.8



#50
Toluene-d8
Concen: 48.328 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

Tgt Ion: 98 Resp: 485779
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

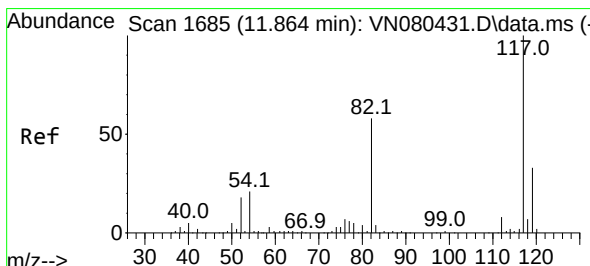
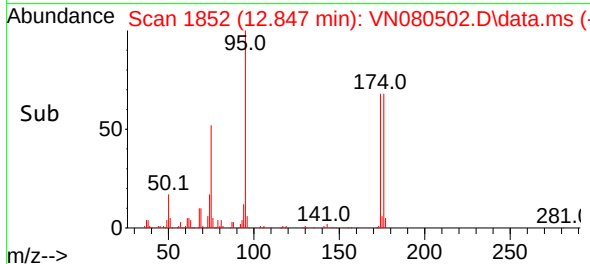
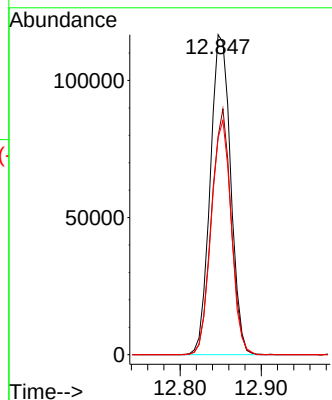
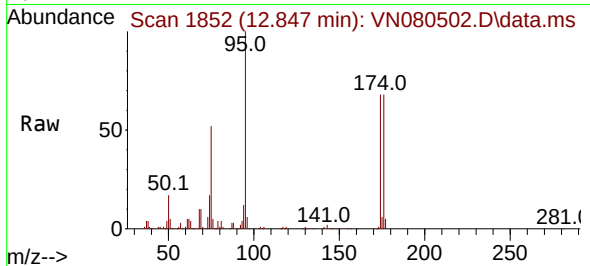




#62
4-Bromofluorobenzene
Concen: 53.351 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

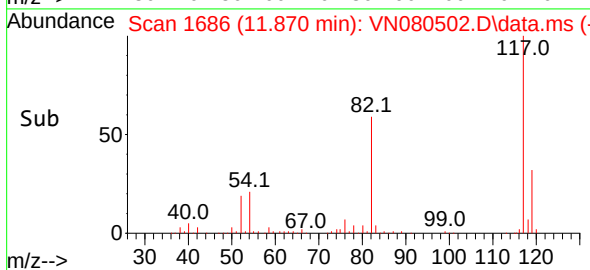
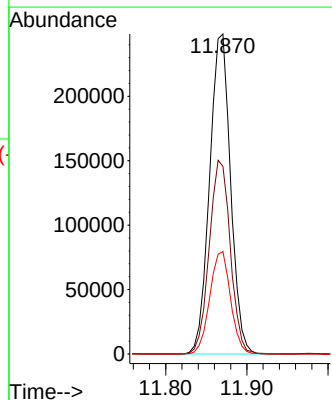
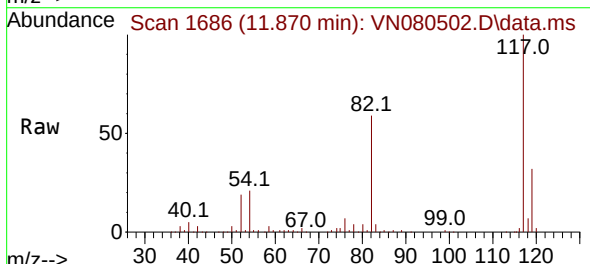
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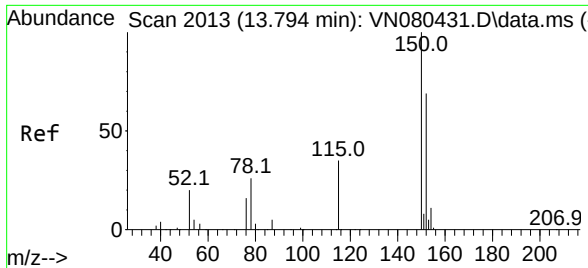
Tgt Ion: 95 Resp: 203635
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080502.D
Acq: 15 Dec 2023 14:48

Tgt Ion: 117 Resp: 445273
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080502.D
 Acq: 15 Dec 2023 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157817TB

Tgt Ion:	152	Resp:	203673
Ion	Ratio	Lower	Upper
152	100		
115	66.4	32.3	96.8
150	157.0	0.0	355.8

