

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082071.D
 Acq On : 10 May 2024 15:46
 Operator : JC\MD
 Sample : PB160834ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160834ZHE#03

Quant Time: May 10 23:23:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

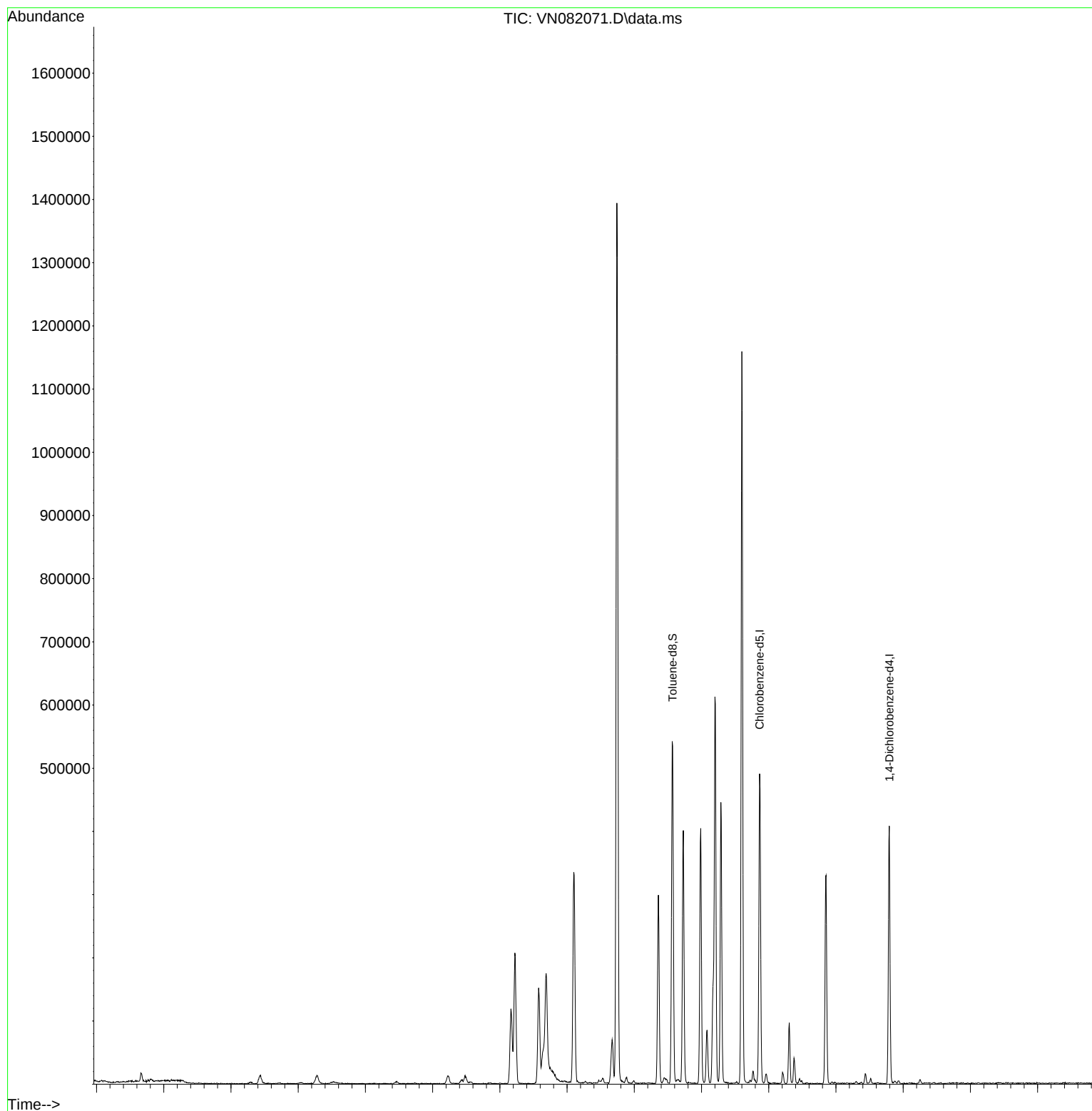
Internal Standards						
1) Pentafluorobenzene	8.229	168	128930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117158	53.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.680%			
35) Dibromofluoromethane	8.165	113	85964	51.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.571	98	357921	54.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.860%			
62) 4-Bromofluorobenzene	12.853	95	116824	44.941	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.880%			
Target Compounds						
16) Acetone	4.441	43	24210	32.876	ug/l	95
20) Methylene Chloride	5.277	84	9649	5.174	ug/l #	89
25) 2-Butanone	7.482	43	19666	15.923	ug/l	95
43) Isopropyl Acetate	8.688	43	272588	49.224	ug/l #	73

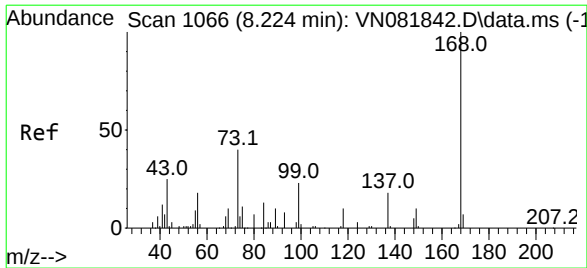
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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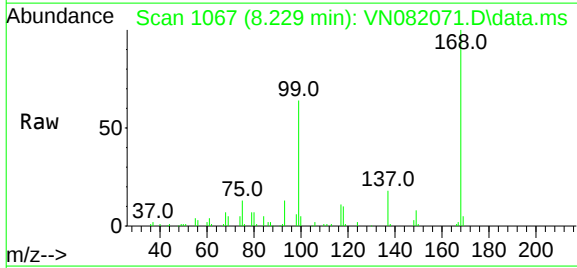
Quant Time: May 10 23:23:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
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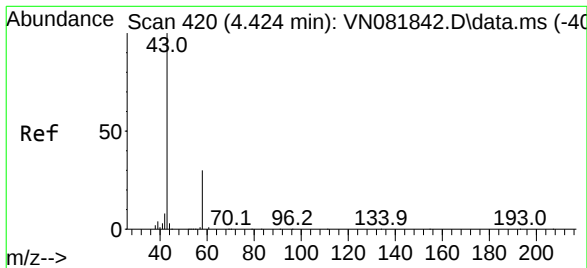
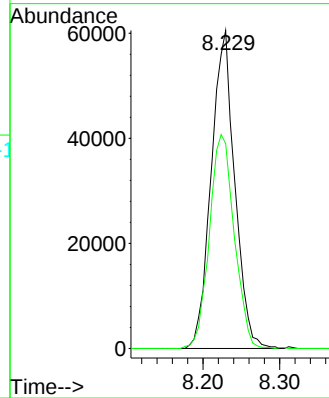
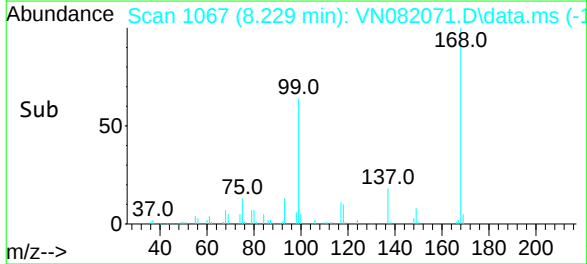


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082071.D
Acq: 10 May 2024 15:46

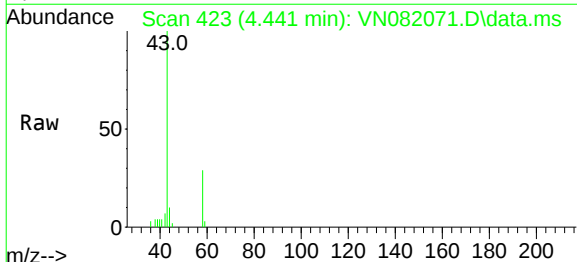
Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#03



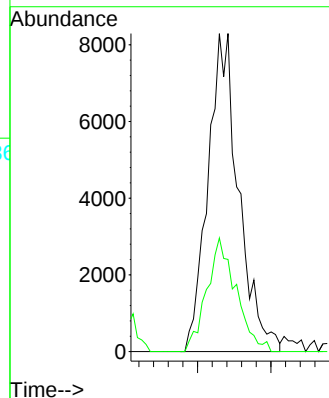
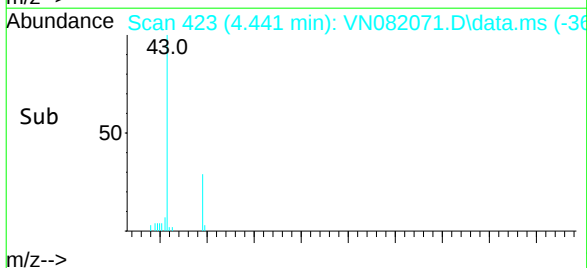
Tgt Ion:168 Resp: 128930
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4

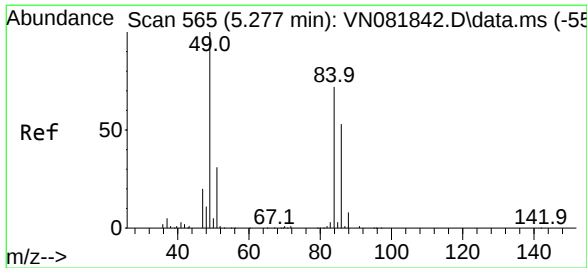


#16
Acetone
Concen: 32.876 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN082071.D
Acq: 10 May 2024 15:46



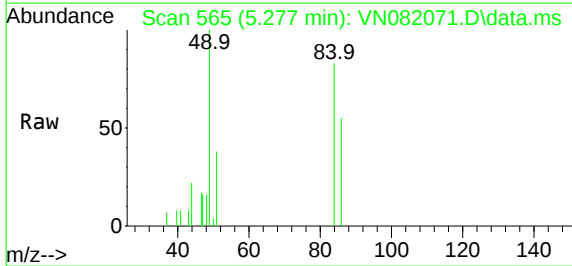
Tgt Ion: 43 Resp: 24210
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8



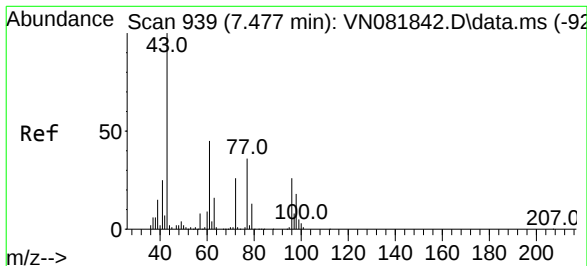
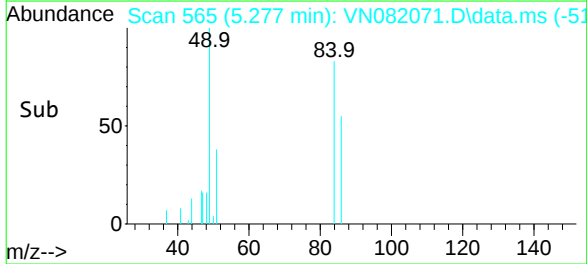
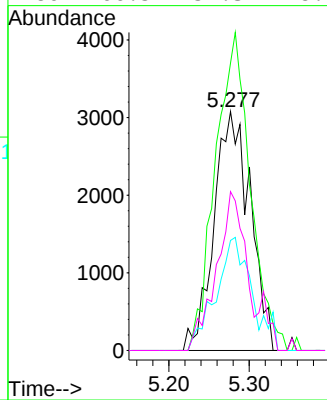


#20
Methylene Chloride
Concen: 5.174 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082071.D
Acq: 10 May 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#03

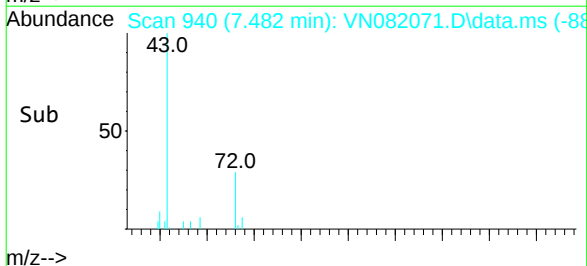
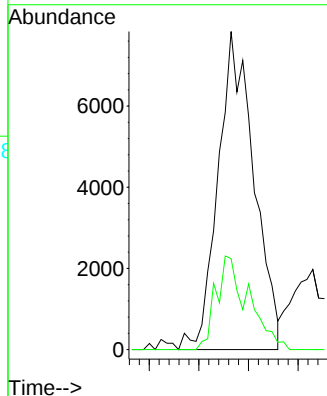
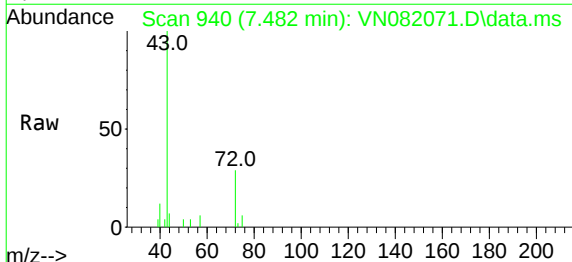


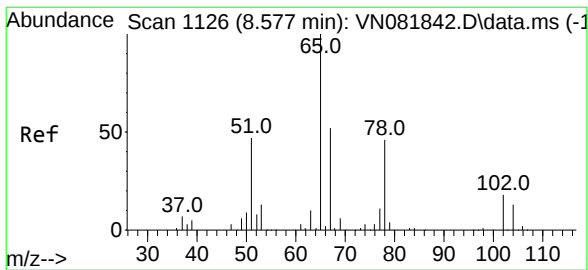
Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	84.9	127.3
51	46.0	27.0	40.6
86	66.5	52.3	78.5



#25
2-Butanone
Concen: 15.923 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082071.D
Acq: 10 May 2024 15:46

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.6	25.3	37.9



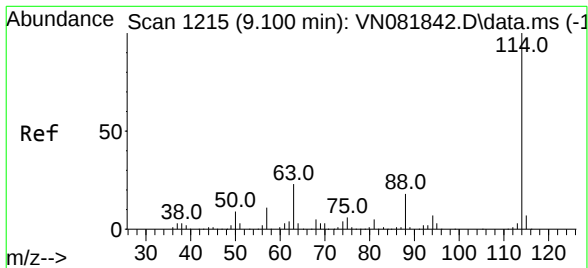
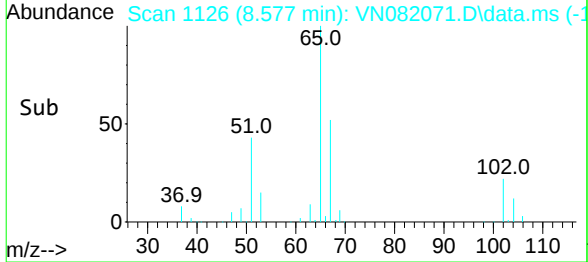
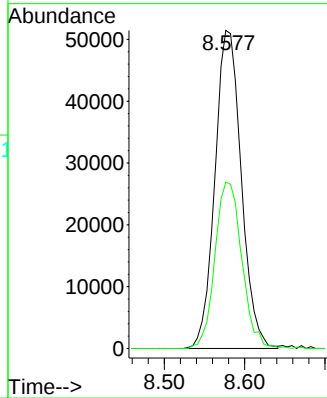
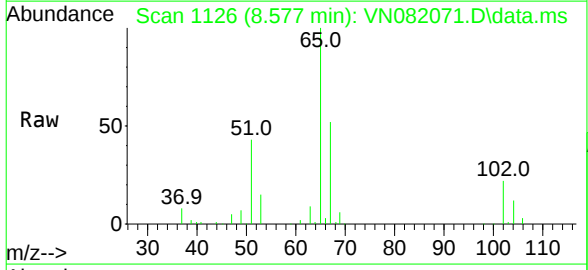


#33
 1,2-Dichloroethane-d4
 Concen: 53.841 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN082071.D
 Acq: 10 May 2024 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160834ZHE#03

Tgt Ion: 65 Resp: 117158

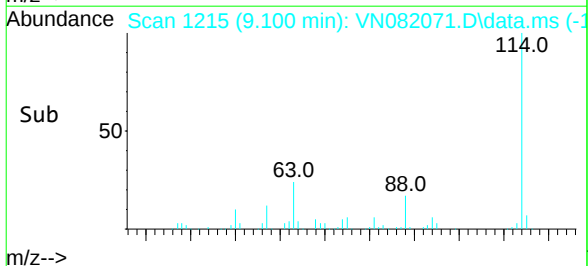
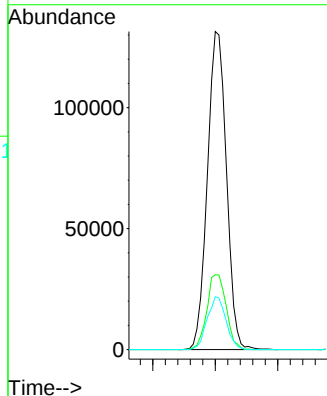
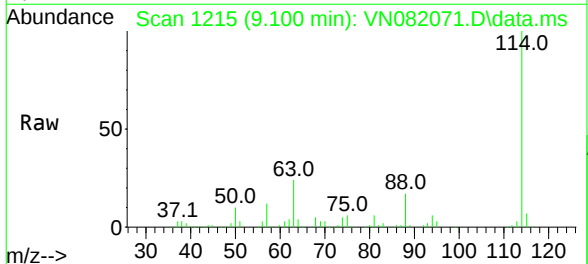
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	103.0

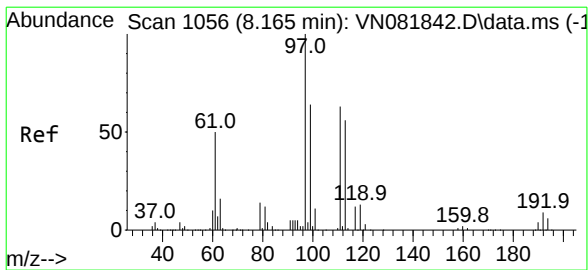


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082071.D
 Acq: 10 May 2024 15:46

Tgt Ion: 114 Resp: 278090

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	41.0
88	16.6	0.0	31.4





#35

Dibromofluoromethane

Concen: 51.342 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082071.D

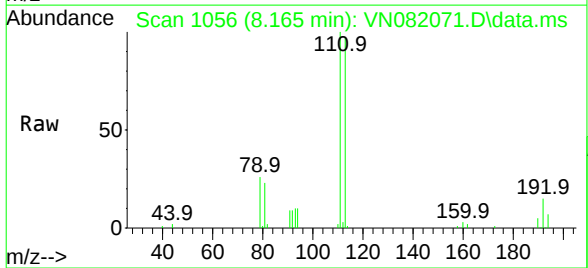
Acq: 10 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB160834ZHE#03



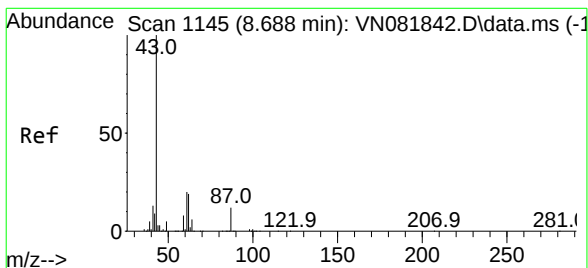
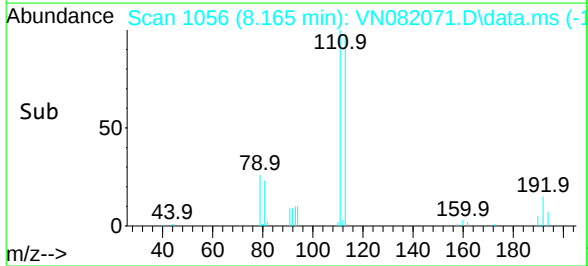
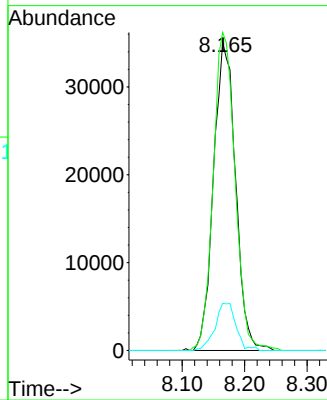
Tgt Ion:113 Resp: 85964

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 14.6 14.0 21.0



#43

Isopropyl Acetate

Concen: 49.224 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082071.D

Acq: 10 May 2024 15:46

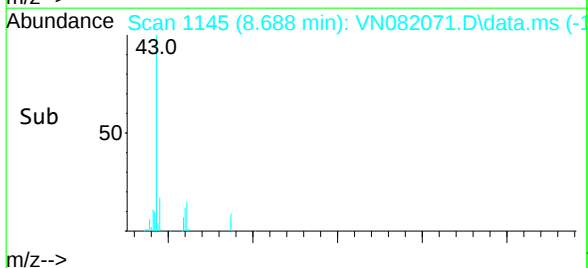
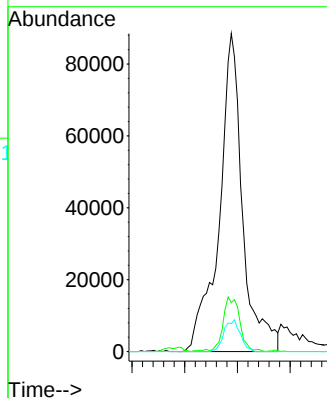
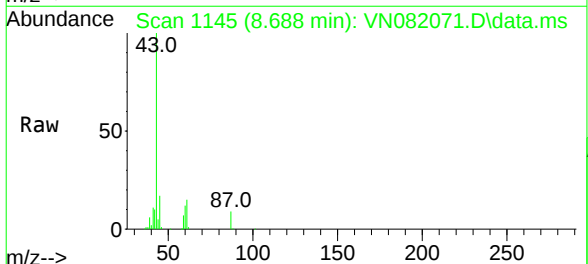
Tgt Ion: 43 Resp: 272588

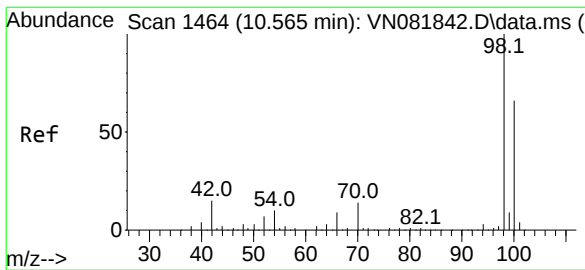
Ion Ratio Lower Upper

43 100

61 12.4 22.8 34.2#

87 6.9 12.0 18.0#





#50

Toluene-d8

Concen: 54.430 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN082071.D

Acq: 10 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

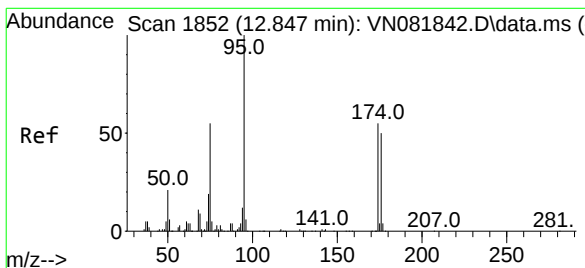
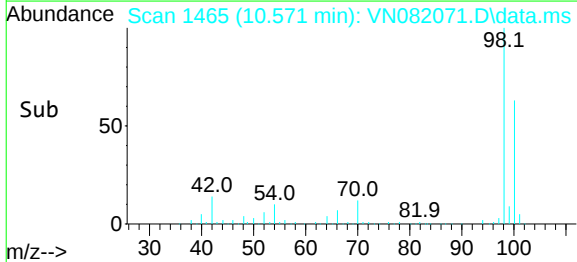
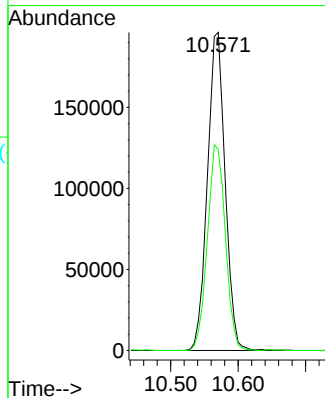
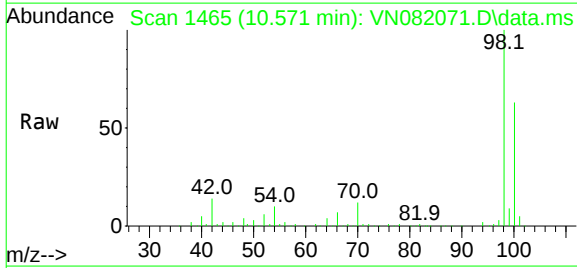
PB160834ZHE#03

Tgt Ion: 98 Resp: 357921

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 44.941 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082071.D

Acq: 10 May 2024 15:46

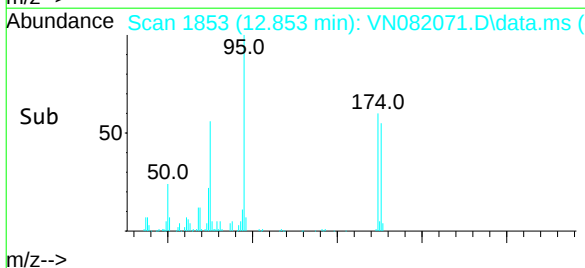
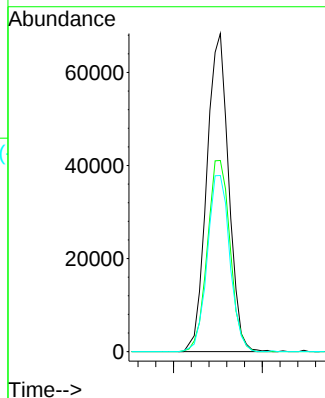
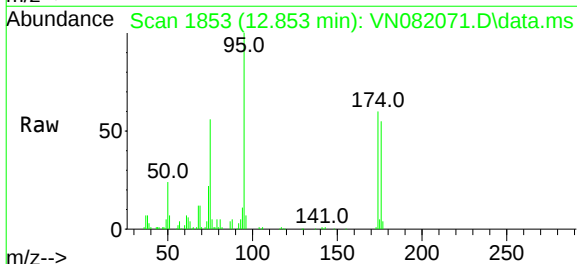
Tgt Ion: 95 Resp: 116824

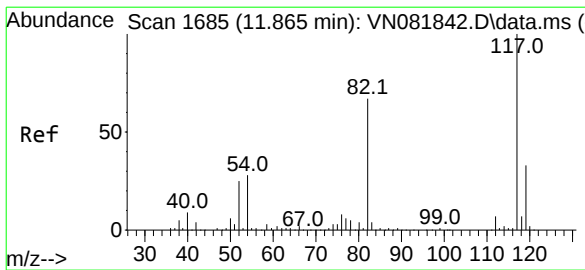
Ion Ratio Lower Upper

95 100

174 62.5 0.0 160.6

176 57.1 0.0 152.8

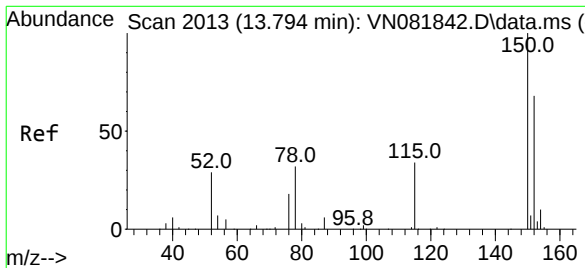
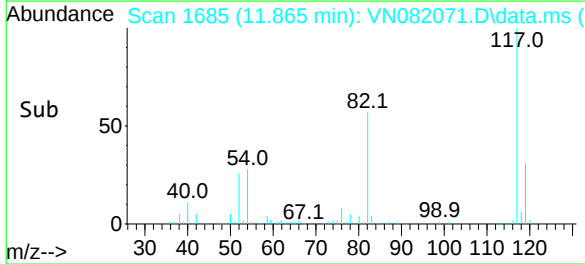
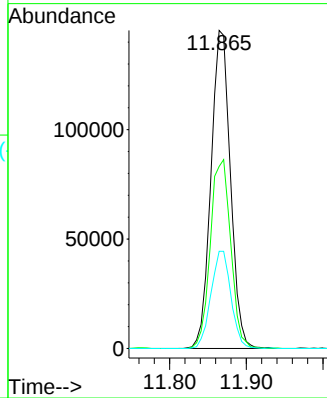
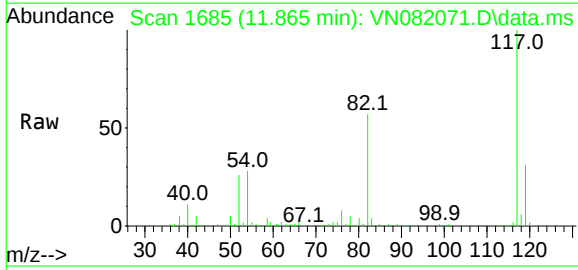




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082071.D
Acq: 10 May 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#03

Tgt Ion:	117	Resp:	256172
Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.6	66.8
119	30.6	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082071.D
Acq: 10 May 2024 15:46

Tgt Ion:	152	Resp:	92679
Ion	Ratio	Lower	Upper
152	100		
115	67.4	30.4	91.3
150	156.2	0.0	353.2

