

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082050.D
 Acq On : 09 May 2024 14:58
 Operator : JC\MD
 Sample : PB160759ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#02

Quant Time: May 10 03:51:54 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)

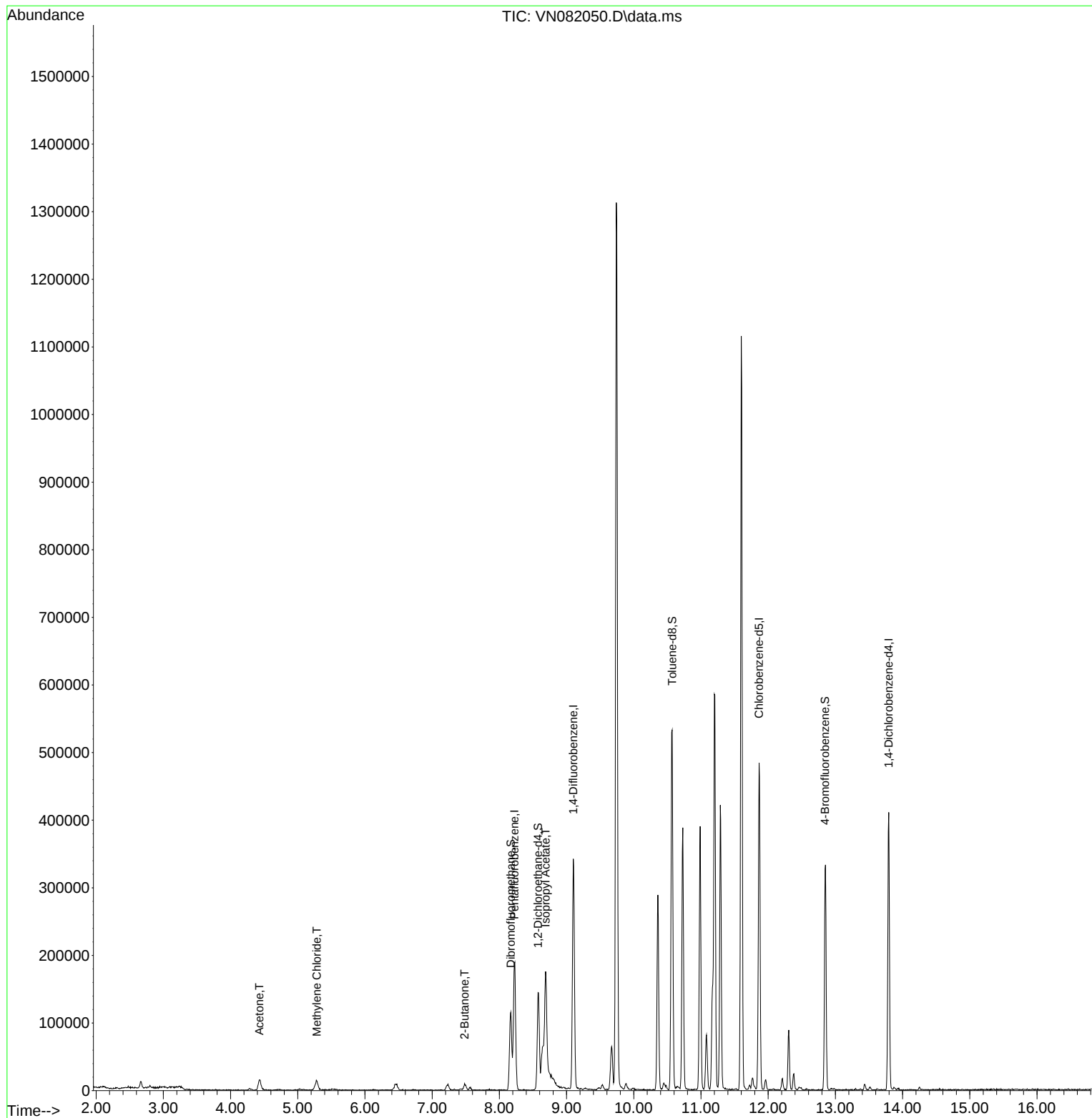
Internal Standards						
1) Pentafluorobenzene	8.224	168	124837	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	271982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113521	53.880	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.760%		
35) Dibromofluoromethane	8.171	113	83072	50.729	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.460%		
50) Toluene-d8	10.571	98	357539	55.592	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.180%		
62) 4-Bromofluorobenzene	12.847	95	118856	46.750	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 93.500%		
Target Compounds						
16) Acetone	4.430	43	29923	43.512	ug/l	Qvalue 95
20) Methylene Chloride	5.283	84	9869	5.466	ug/l	91
25) 2-Butanone	7.483	43	13710	11.465	ug/l #	66
43) Isopropyl Acetate	8.688	43	274760	50.730	ug/l #	72

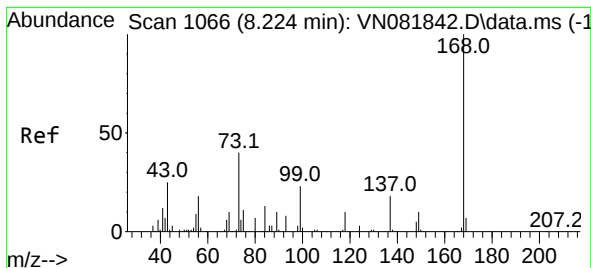
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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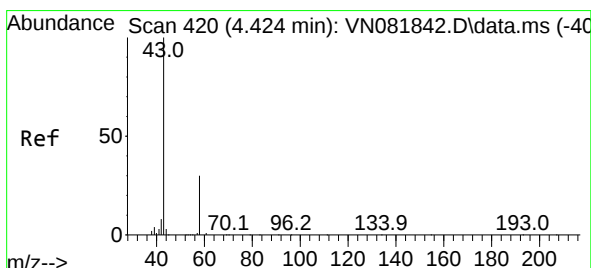
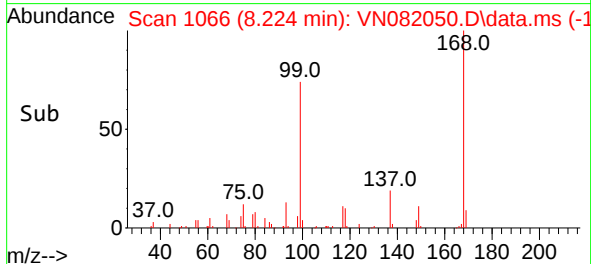
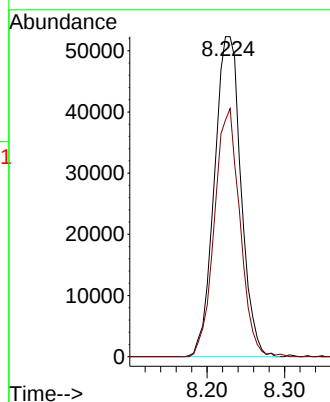
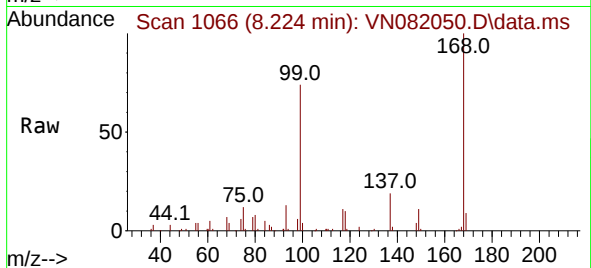




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082050.D
Acq: 09 May 2024 14:58

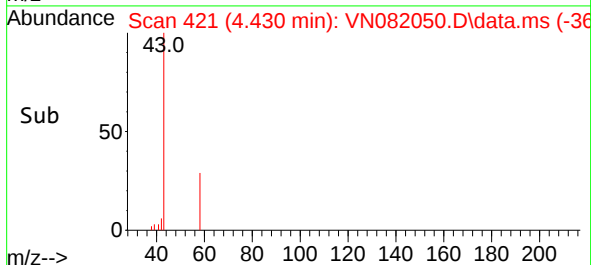
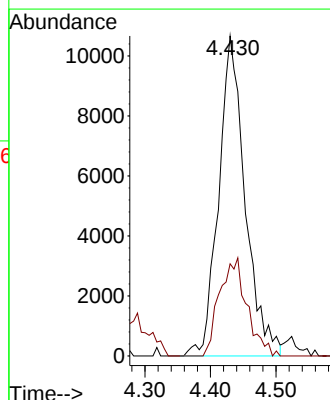
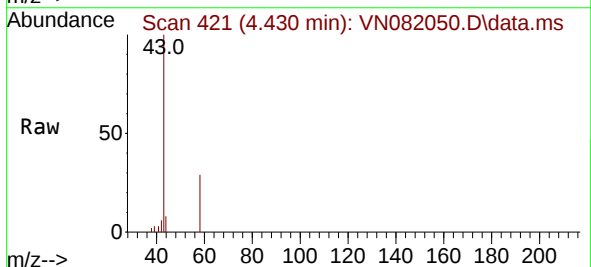
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#02

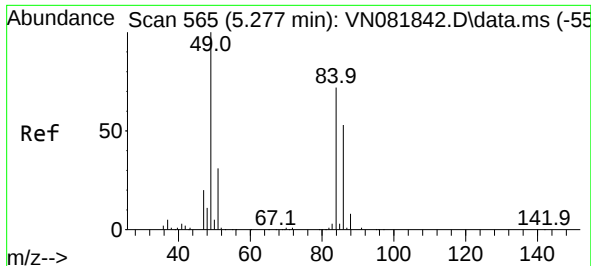
Tgt Ion:168 Resp: 124837
Ion Ratio Lower Upper
168 100
99 73.9 48.2 72.4#



#16
Acetone
Concen: 43.512 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082050.D
Acq: 09 May 2024 14:58

Tgt Ion: 43 Resp: 29923
Ion Ratio Lower Upper
43 100
58 28.8 25.2 37.8

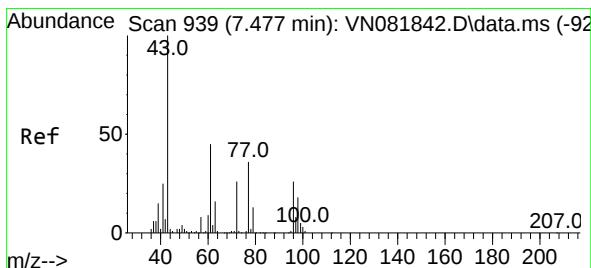
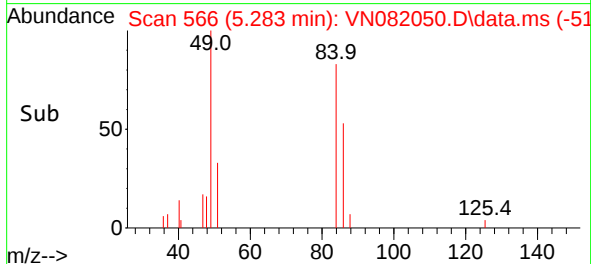
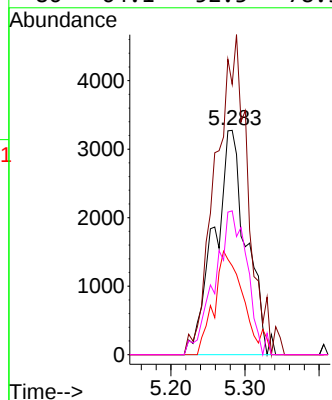
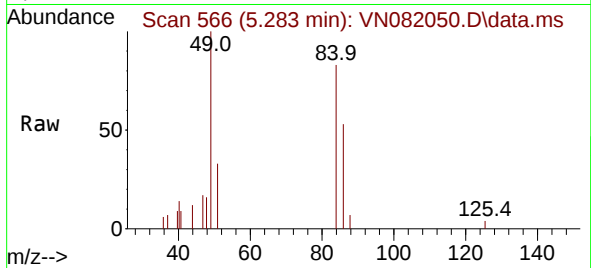




#20
Methylene Chloride
Concen: 5.466 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082050.D
Acq: 09 May 2024 14:58

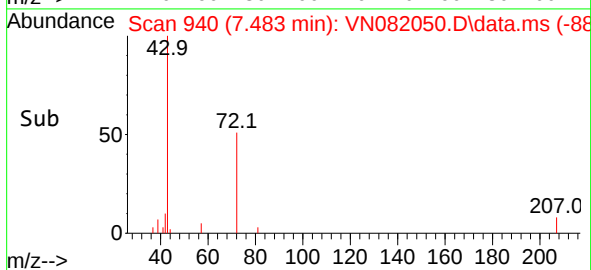
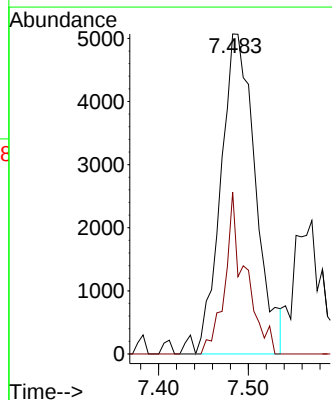
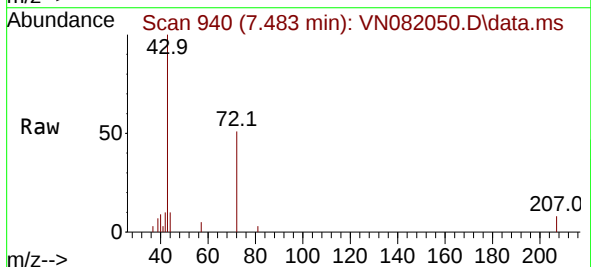
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#02

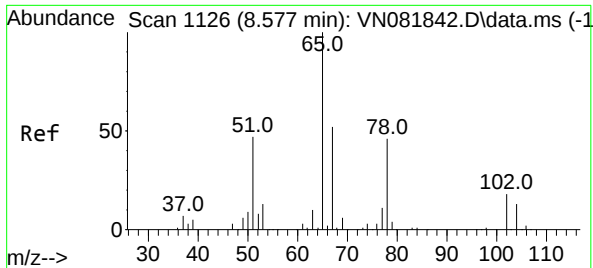
Tgt Ion:	84	Resp:	9869
Ion	Ratio	Lower	Upper
84	100		
49	120.5	84.9	127.3
51	39.6	27.0	40.6
86	64.1	52.3	78.5



#25
2-Butanone
Concen: 11.465 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082050.D
Acq: 09 May 2024 14:58

Tgt Ion:	43	Resp:	13710
Ion	Ratio	Lower	Upper
43	100		
72	50.6	25.3	37.9

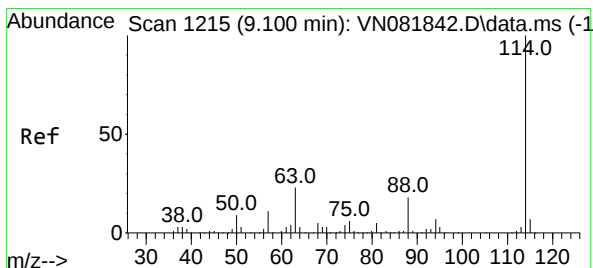
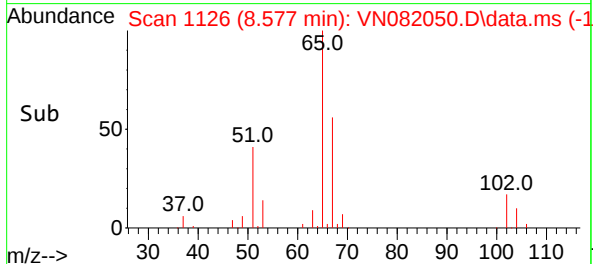
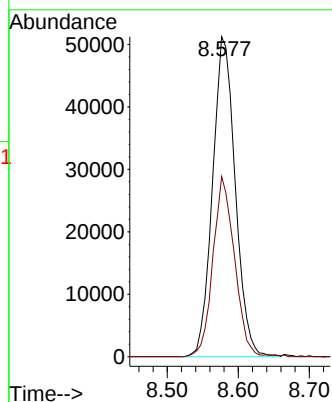
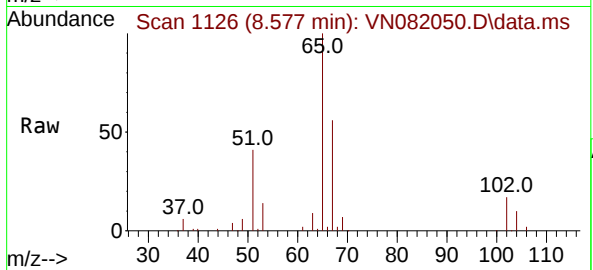




#33
 1,2-Dichloroethane-d4
 Concen: 53.880 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN082050.D
 Acq: 09 May 2024 14:58

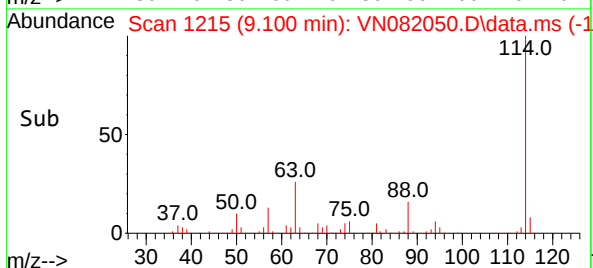
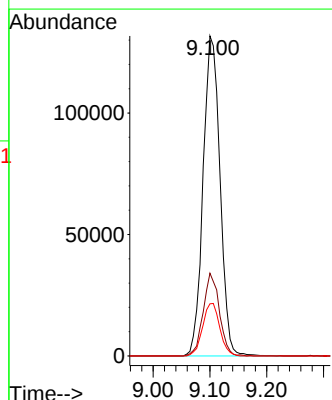
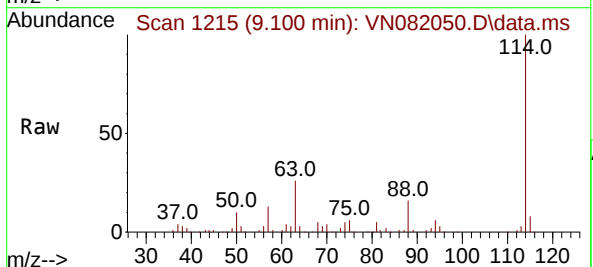
Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#02

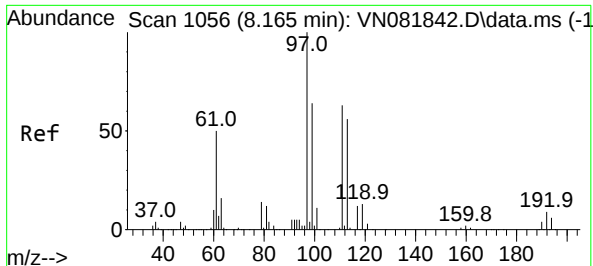
Tgt Ion: 65 Resp: 113521
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN082050.D
 Acq: 09 May 2024 14:58

Tgt Ion: 114 Resp: 271982
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 41.0
 88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.729 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082050.D

Acq: 09 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

PB160759ZHE#02

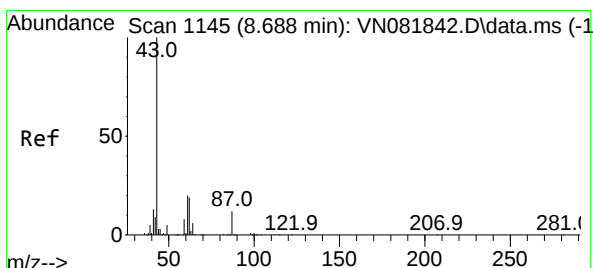
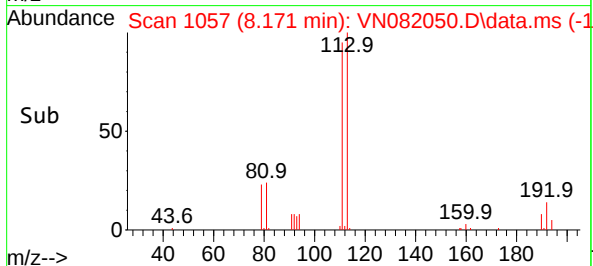
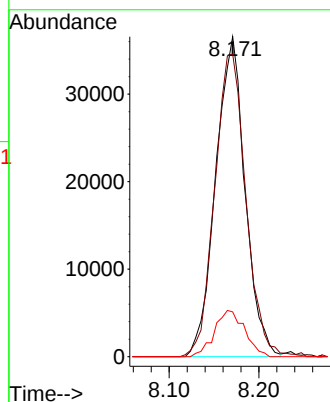
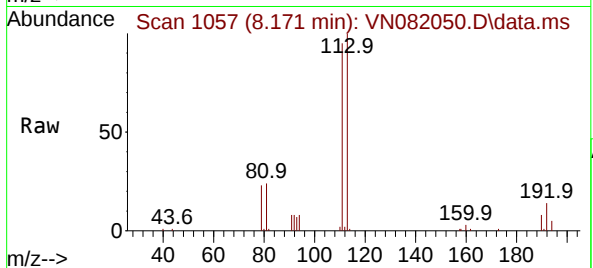
Tgt Ion:113 Resp: 83072

Ion Ratio Lower Upper

113 100

111 100.6 83.4 125.2

192 14.9 14.0 21.0



#43

Isopropyl Acetate

Concen: 50.730 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082050.D

Acq: 09 May 2024 14:58

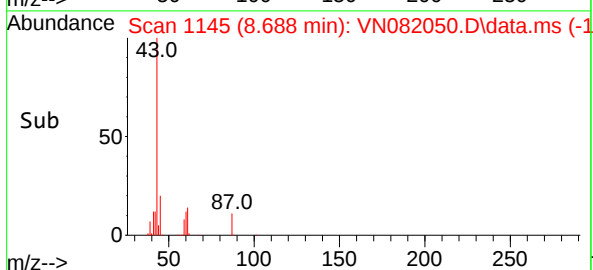
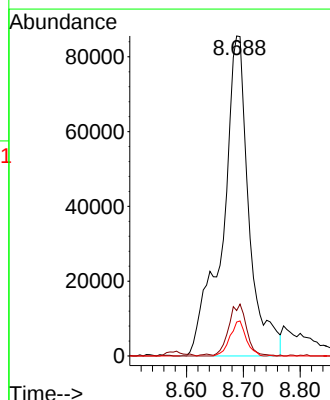
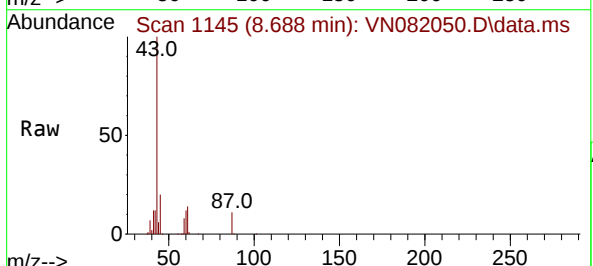
Tgt Ion: 43 Resp: 274760

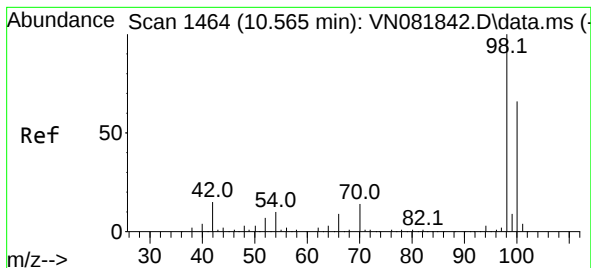
Ion Ratio Lower Upper

43 100

61 11.0 22.8 34.2#

87 6.7 12.0 18.0#





#50

Toluene-d8

Concen: 55.592 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN082050.D

Acq: 09 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

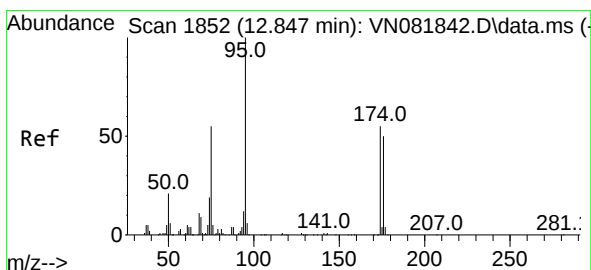
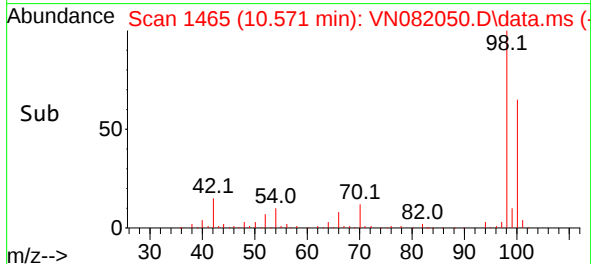
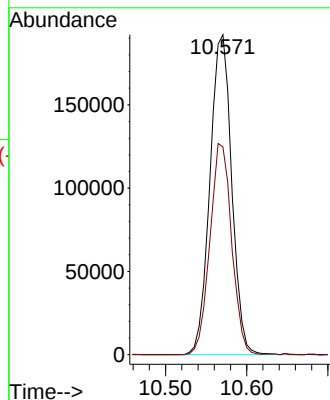
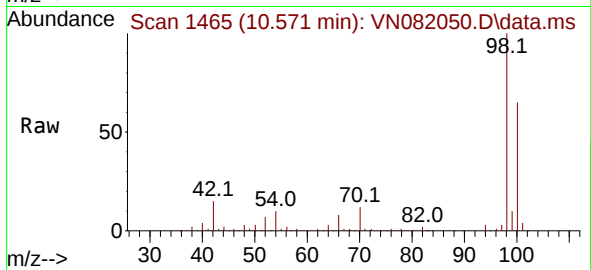
PB160759ZHE#02

Tgt Ion: 98 Resp: 357539

Ion Ratio Lower Upper

98 100

100 65.9 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.750 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082050.D

Acq: 09 May 2024 14:58

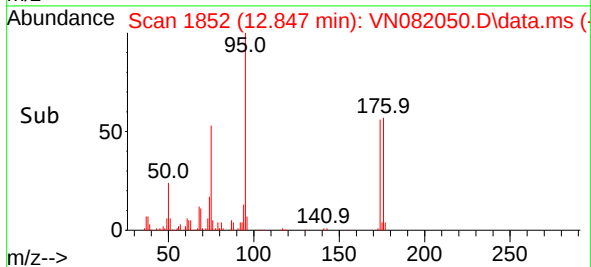
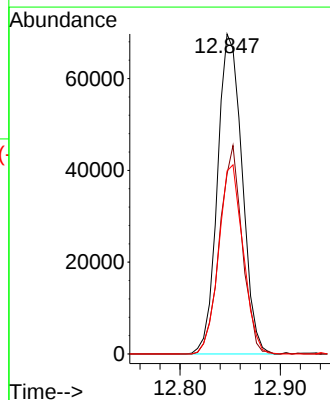
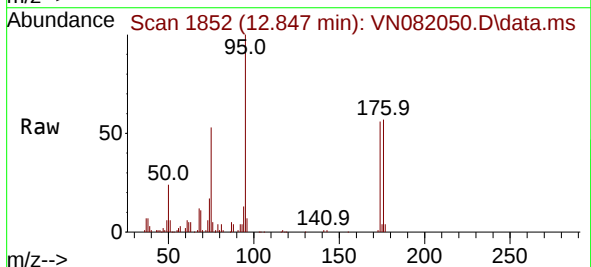
Tgt Ion: 95 Resp: 118856

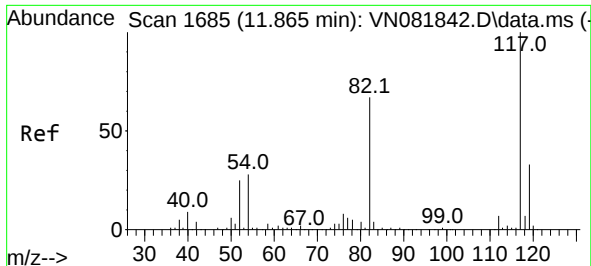
Ion Ratio Lower Upper

95 100

174 60.0 0.0 160.6

176 58.9 0.0 152.8

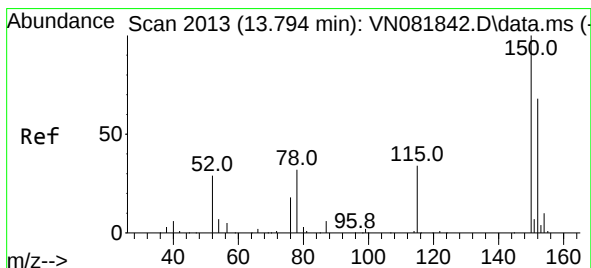
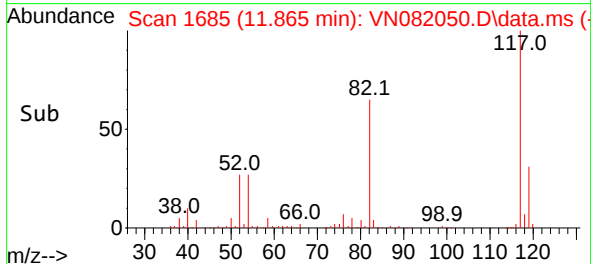
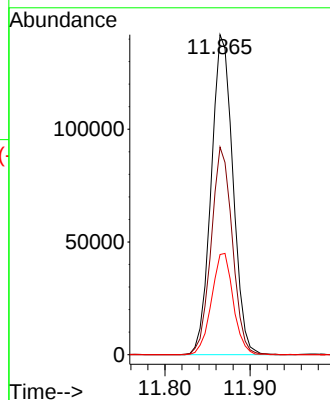
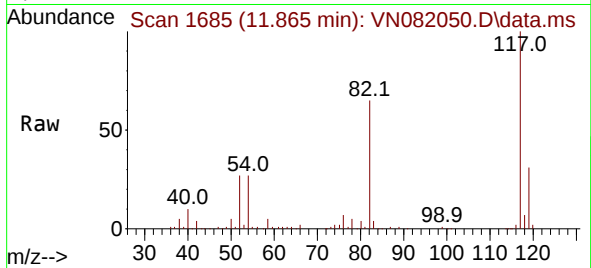




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082050.D
Acq: 09 May 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#02

Tgt Ion:117 Resp: 250992
Ion Ratio Lower Upper
117 100
82 64.8 44.6 66.8
119 31.3 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: VN082050.D
Acq: 09 May 2024 14:58

Tgt Ion:152 Resp: 95921
Ion Ratio Lower Upper
152 100
115 65.7 30.4 91.3
150 154.4 0.0 353.2

