

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082165.D
 Acq On : 16 May 2024 16:30
 Operator : JC\MD
 Sample : PB160937TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160937TB

Quant Time: May 17 05:04:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

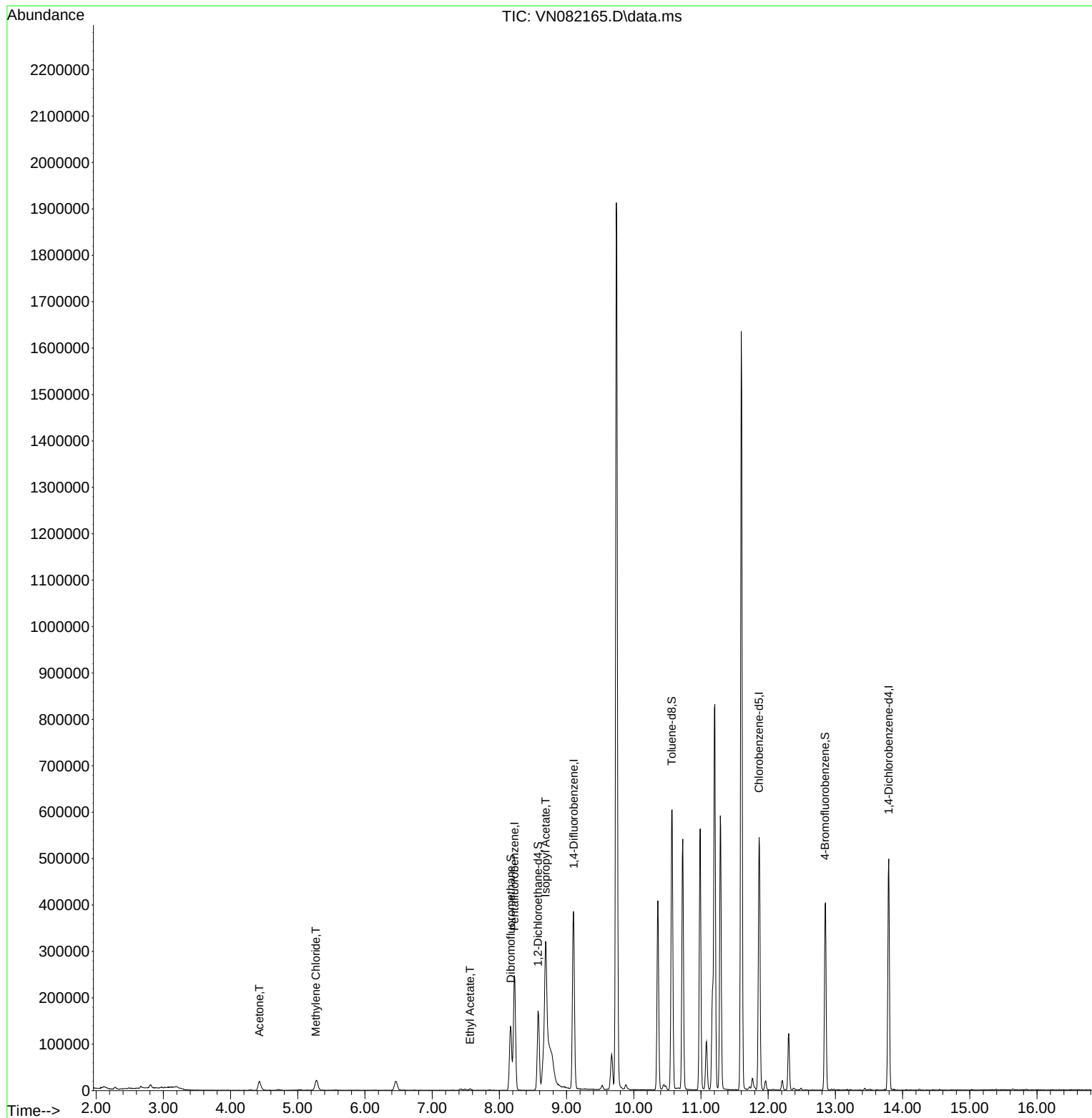
Internal Standards						
1) Pentafluorobenzene	8.224	168	171952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138684	51.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.160%	
35) Dibromofluoromethane	8.171	113	98010	52.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.160%	
50) Toluene-d8	10.565	98	394497	54.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	12.847	95	132543	51.472	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.940%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	37455	33.628	ug/l	93
20) Methylene Chloride	5.271	84	15864	7.059	ug/l	88
37) Ethyl Acetate	7.565	43	5600	1.586	ug/l #	83
43) Isopropyl Acetate	8.688	43	607230	97.027	ug/l #	64

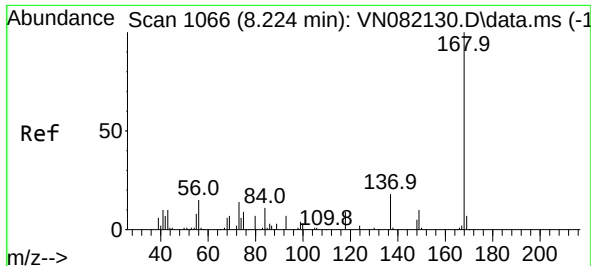
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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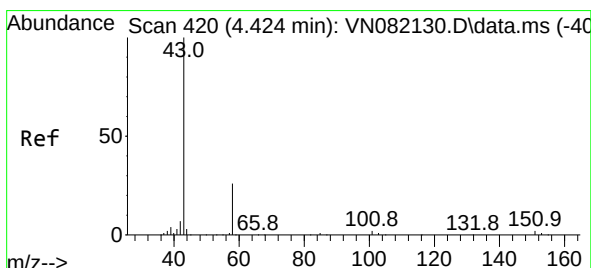
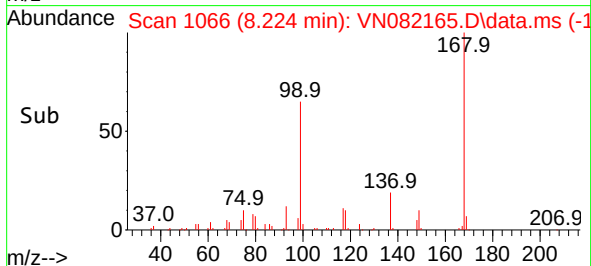
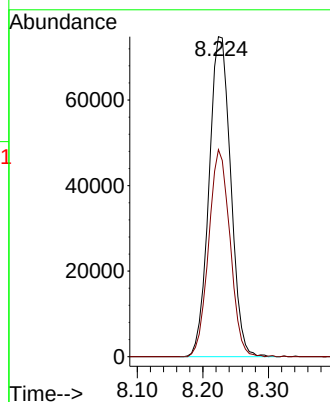
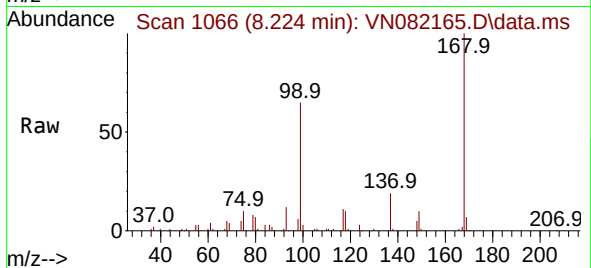




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

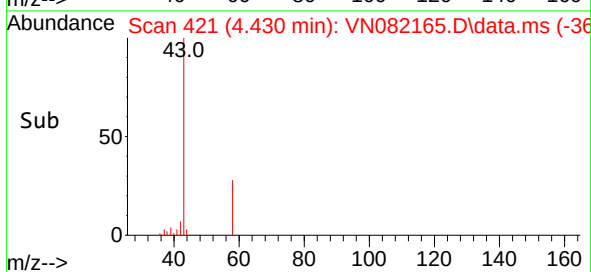
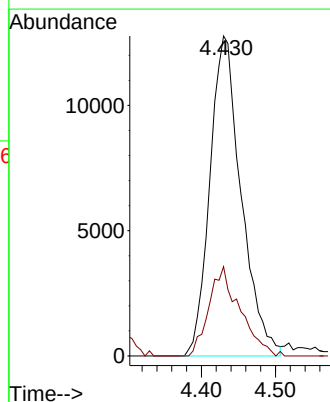
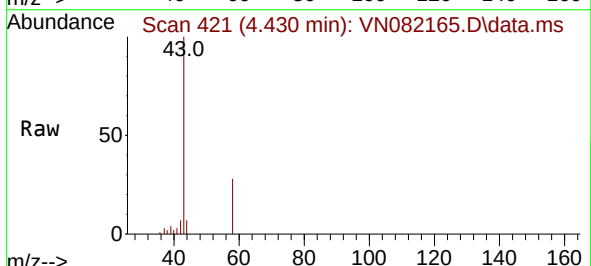
Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

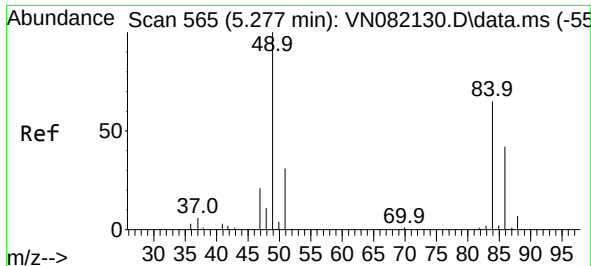
Tgt Ion:168 Resp: 171952
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#16
Acetone
Concen: 33.628 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 37455
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8

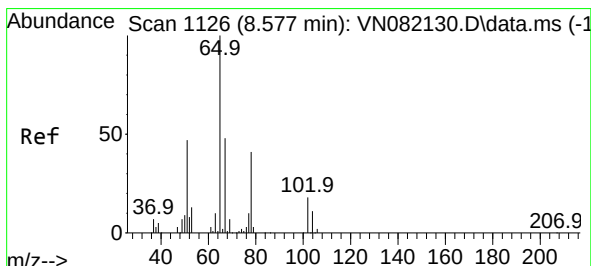
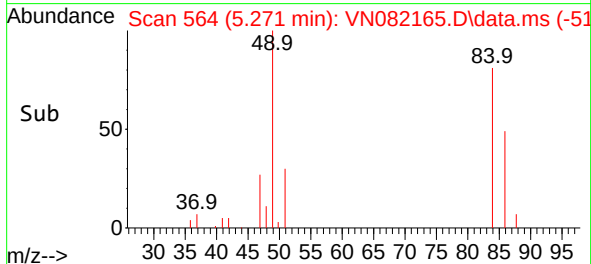
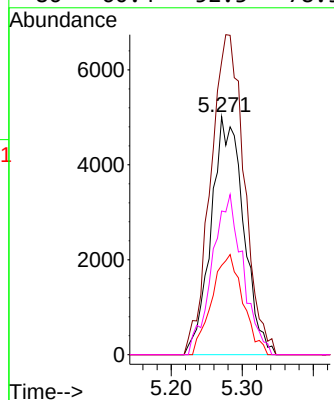
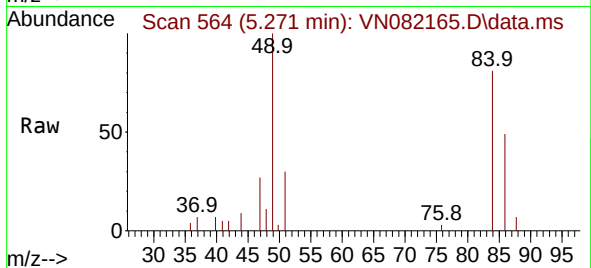




#20
Methylene Chloride
Concen: 7.059 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

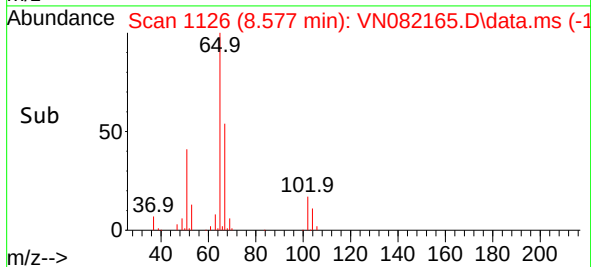
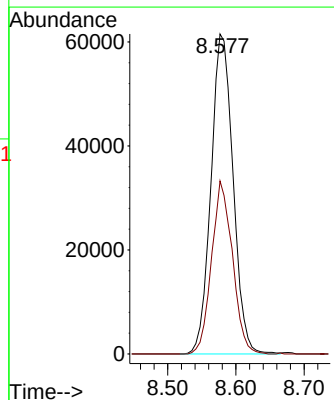
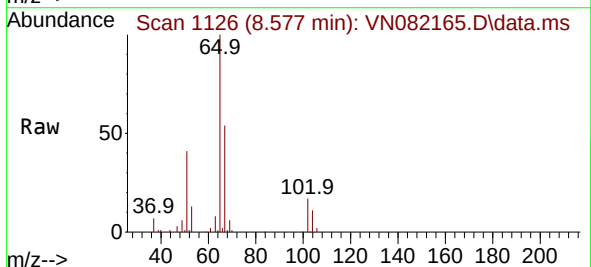
Instrument :
MSVOA_N
ClientSampleId :
PB160937TB

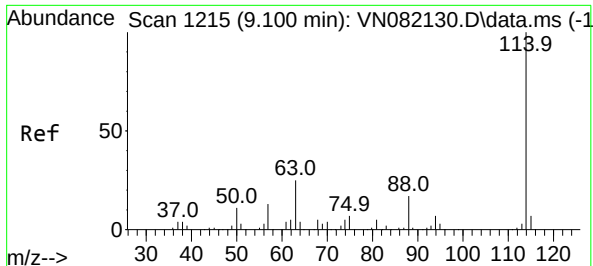
Tgt Ion:	84	Resp:	15864
Ion	Ratio	Lower	Upper
84	100		
49	123.1	84.9	127.3
51	37.5	27.0	40.6
86	60.4	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.078 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion:	65	Resp:	138684
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN082165.D

Acq: 16 May 2024 16:30

Instrument :

MSVOA_N

ClientSampleId :

PB160937TB

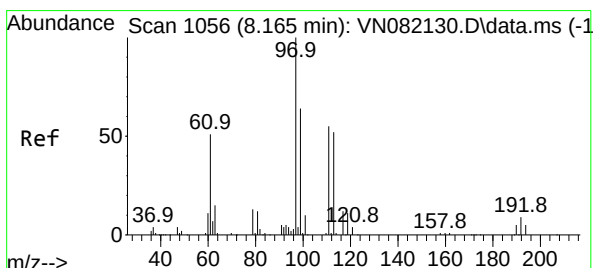
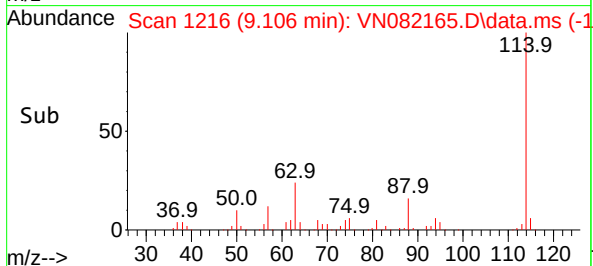
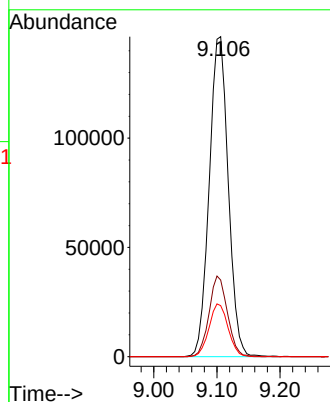
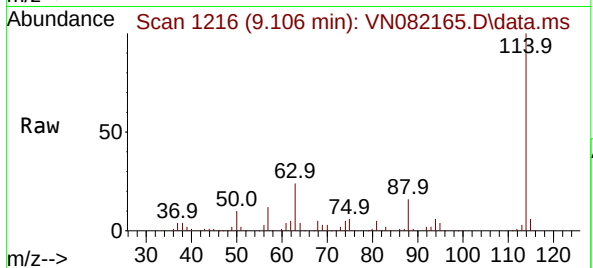
Tgt Ion:114 Resp: 305900

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.084 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082165.D

Acq: 16 May 2024 16:30

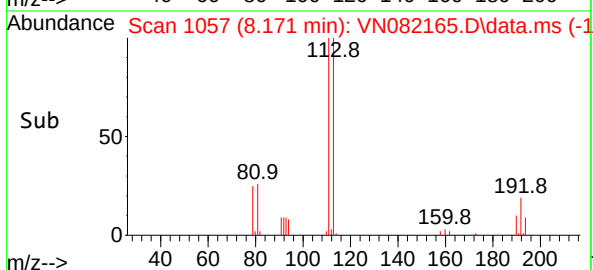
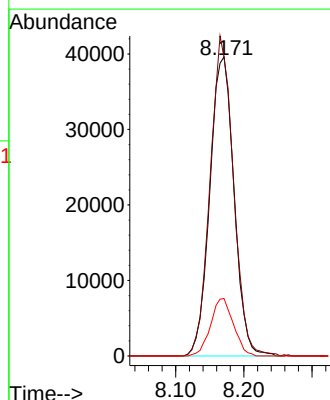
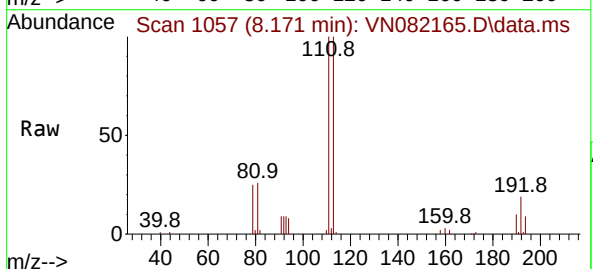
Tgt Ion:113 Resp: 98010

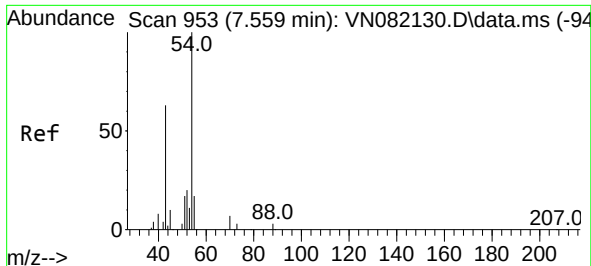
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 18.1 14.0 21.0

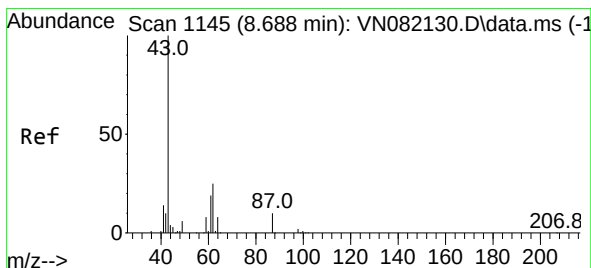
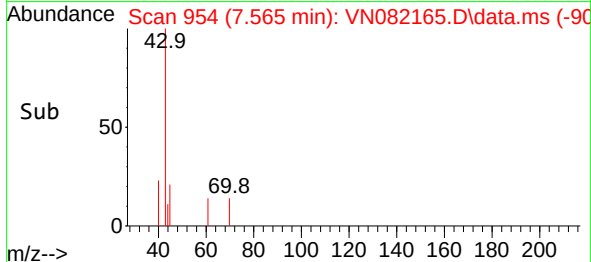
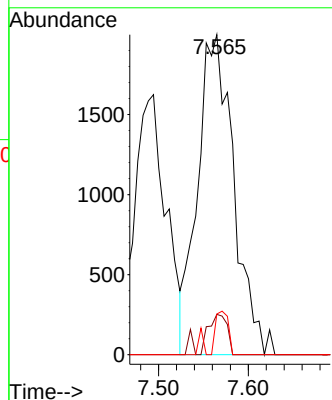
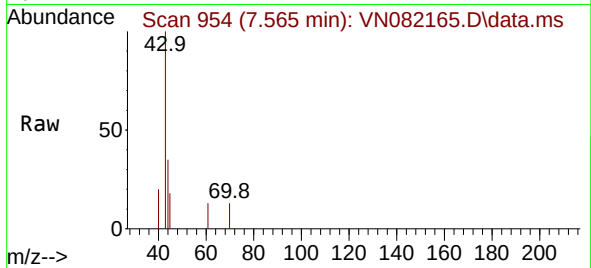




#37
Ethyl Acetate
Concen: 1.586 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

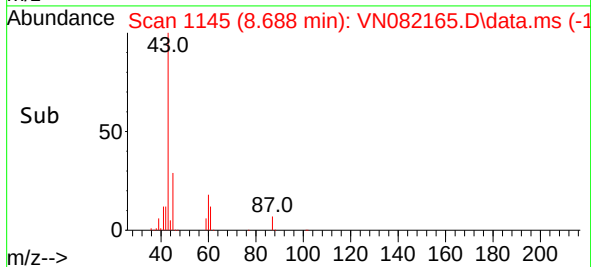
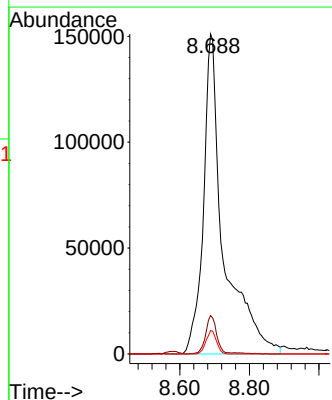
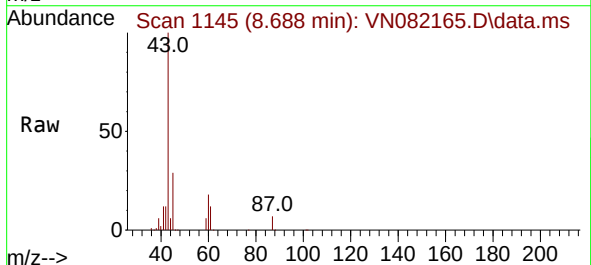
Instrument :
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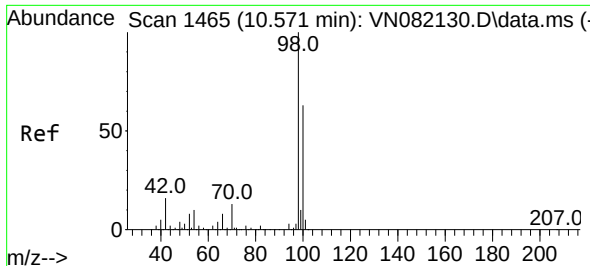
Tgt Ion: 43 Resp: 5600
Ion Ratio Lower Upper
43 100
61 6.5 11.3 16.9#
70 4.8 8.7 13.1#



#43
Isopropyl Acetate
Concen: 97.027 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 43 Resp: 607230
Ion Ratio Lower Upper
43 100
61 6.5 22.8 34.2#
87 3.8 12.0 18.0#

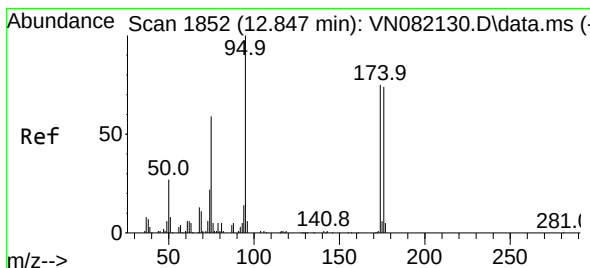
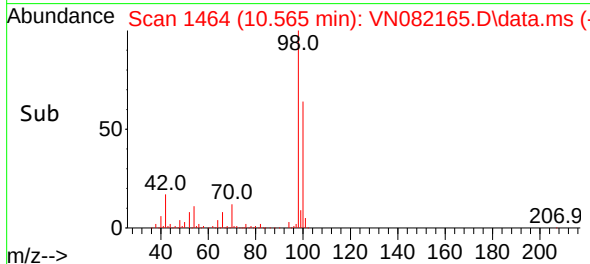
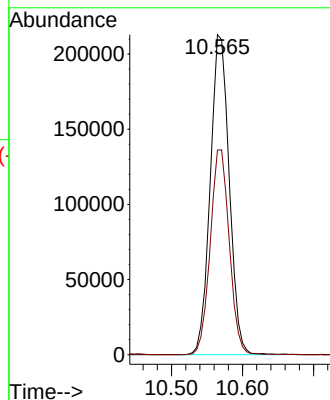
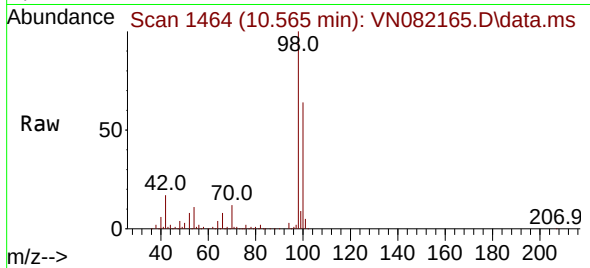




#50
Toluene-d8
Concen: 54.681 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

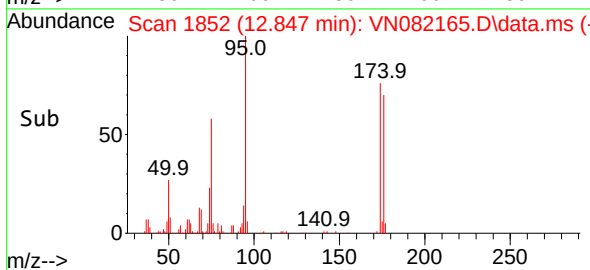
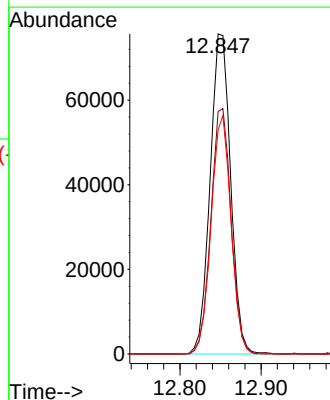
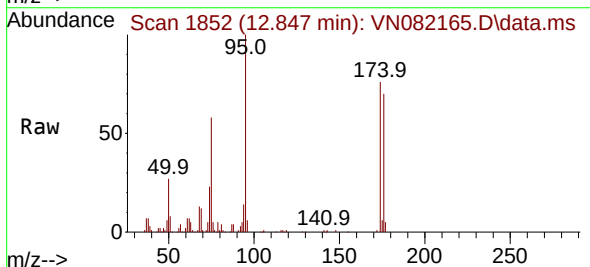
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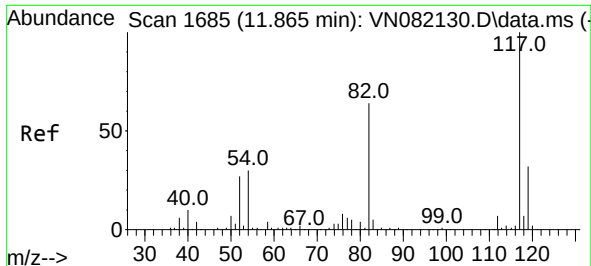
Tgt Ion: 98 Resp: 394497
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion: 95 Resp: 132543
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 72.3 0.0 152.8

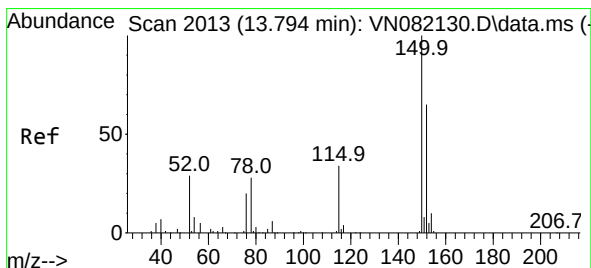
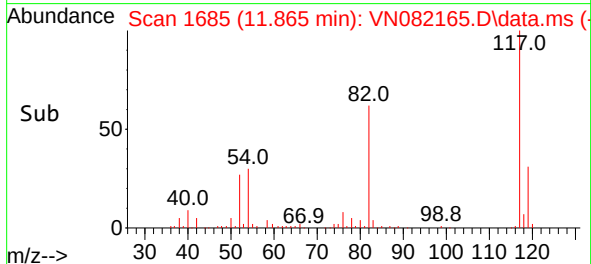
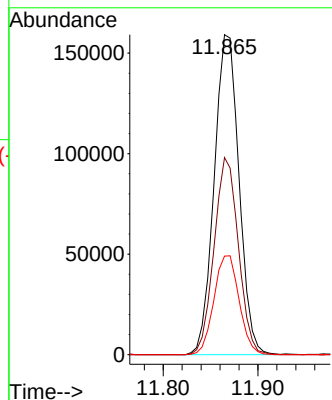
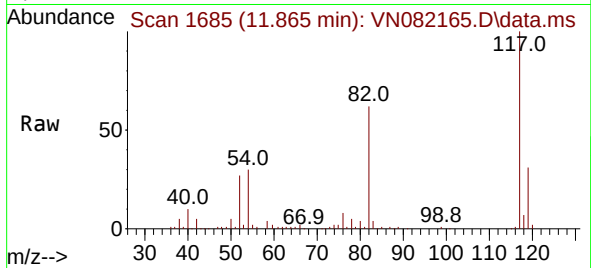




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082165.D
Acq: 16 May 2024 16:30

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 290044
Ion Ratio Lower Upper
117 100
82 61.6 44.6 66.8
119 30.8 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: VN082165.D
Acq: 16 May 2024 16:30

Tgt Ion:152 Resp: 122555
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 155.8 0.0 353.2

