

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082295.D
 Acq On : 22 May 2024 16:14
 Operator : JC\MD
 Sample : PB161037ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#08

Quant Time: May 23 01:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

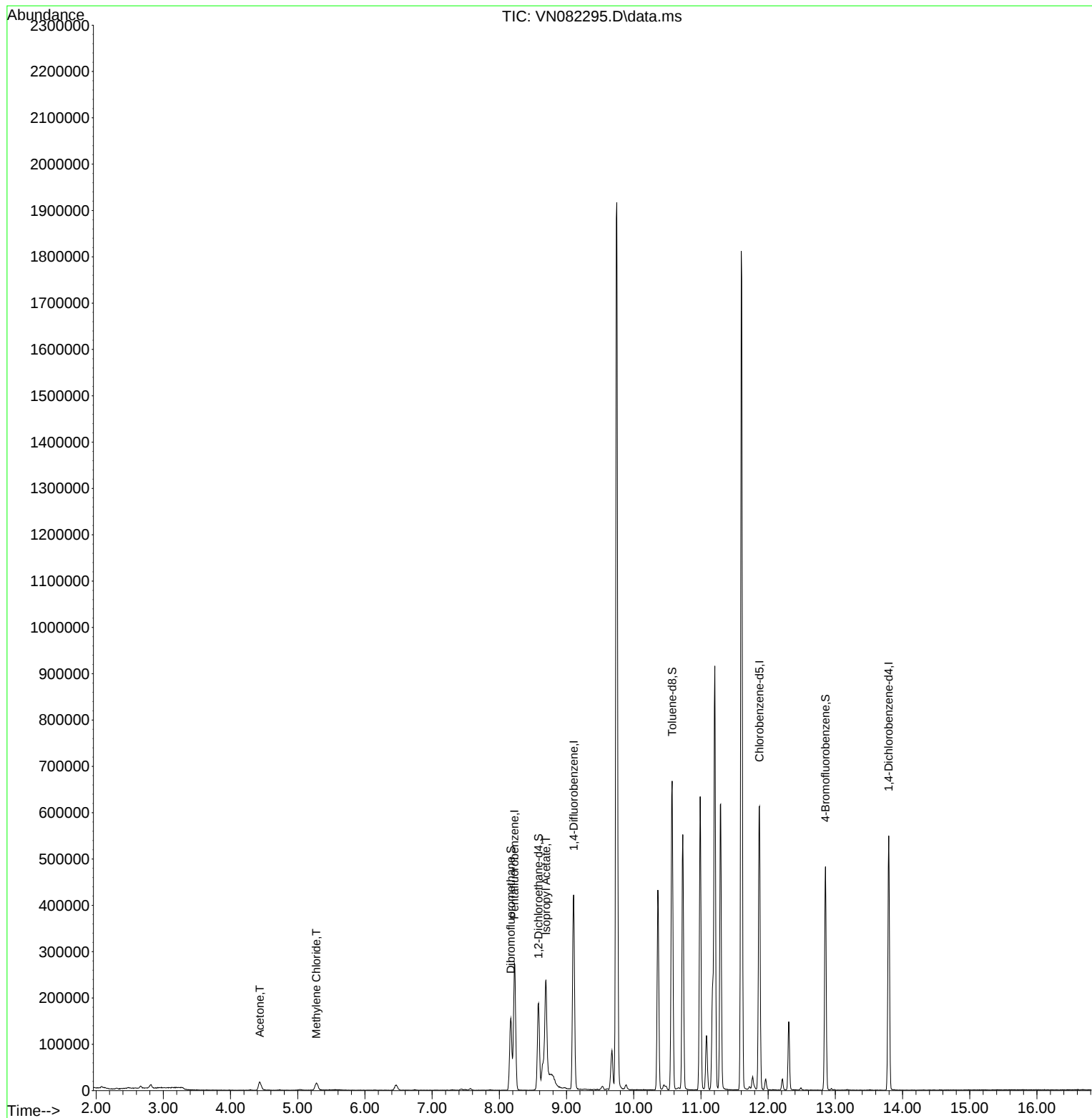
Internal Standards						
1) Pentafluorobenzene	8.224	168	190012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	337735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	321680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154637	51.540	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.080%		
35) Dibromofluoromethane	8.171	113	107401	51.695	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.380%		
50) Toluene-d8	10.571	98	433019	54.363	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.720%		
62) 4-Bromofluorobenzene	12.853	95	151792	53.391	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 106.780%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	35545	28.880	ug/l	90
20) Methylene Chloride	5.277	84	10817	4.356	ug/l #	77
43) Isopropyl Acetate	8.694	43	358122	51.829	ug/l #	71

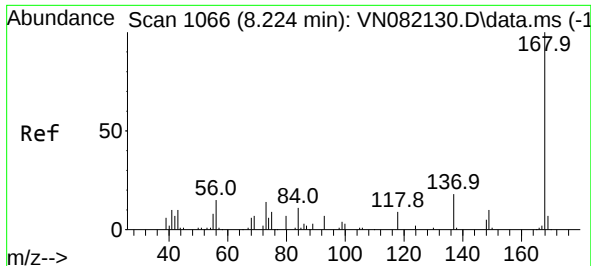
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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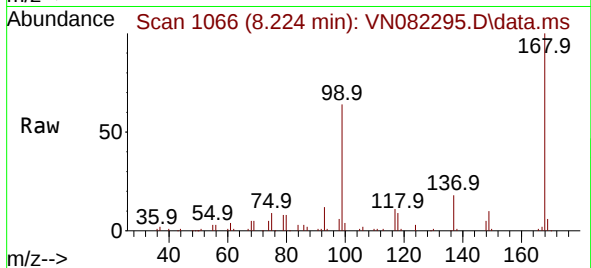
Quant Time: May 23 01:53:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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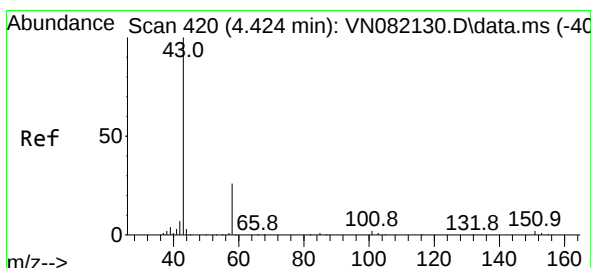
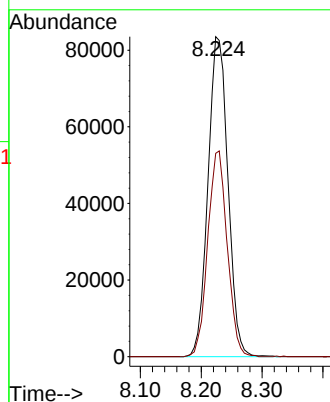
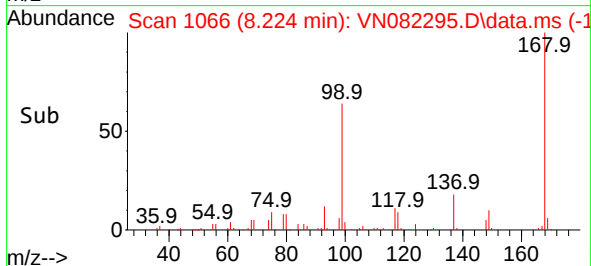


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

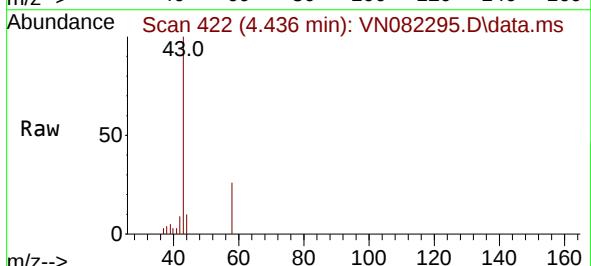
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#08



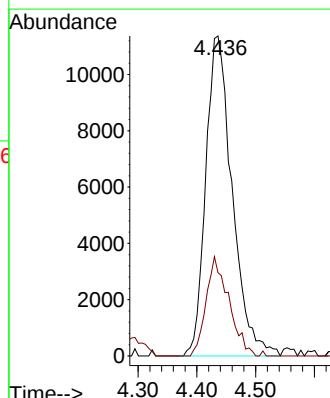
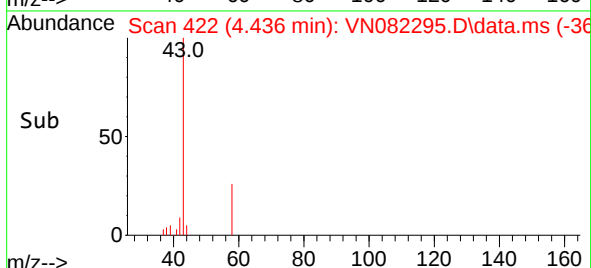
Tgt Ion:168 Resp: 190012
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4

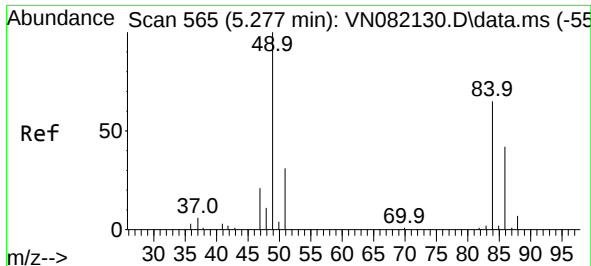


#16
Acetone
Concen: 28.880 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14



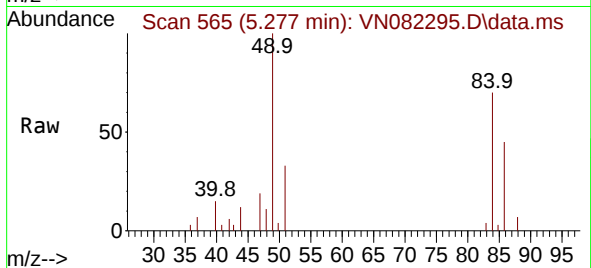
Tgt Ion: 43 Resp: 35545
Ion Ratio Lower Upper
43 100
58 26.1 25.2 37.8



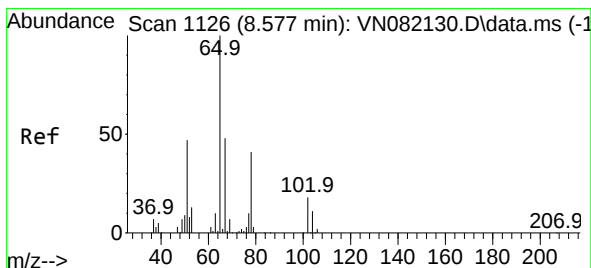
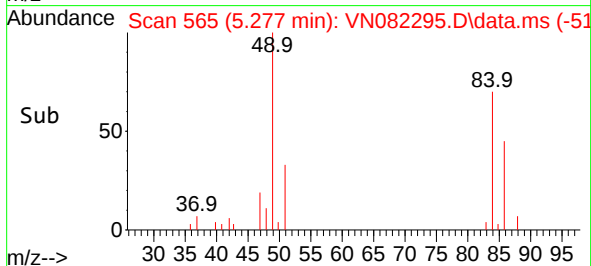
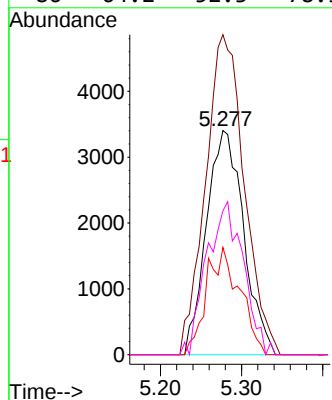


#20
Methylene Chloride
Concen: 4.356 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#08

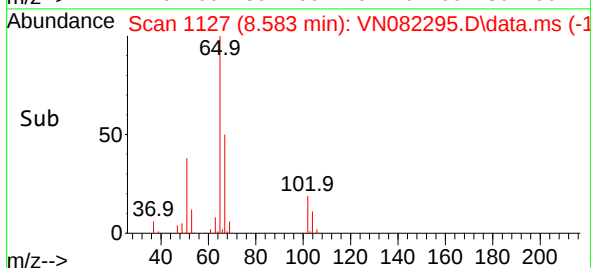
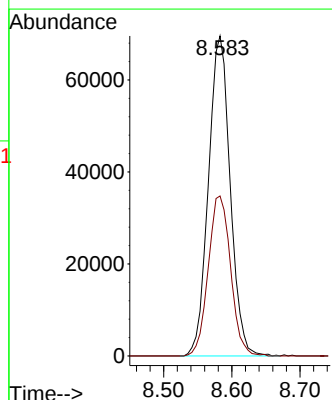
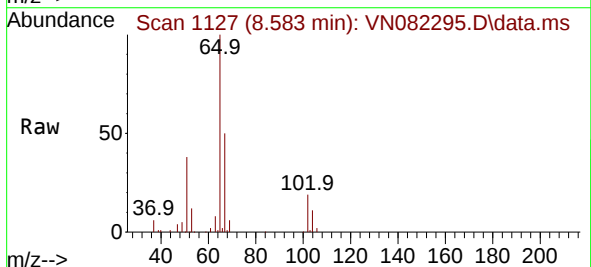


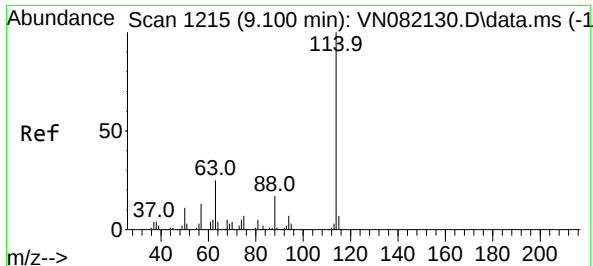
Tgt Ion:	84	Resp:	10817
Ion	Ratio	Lower	Upper
84	100		
49	142.7	84.9	127.3#
51	47.8	27.0	40.6#
86	64.2	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.540 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

Tgt Ion:	65	Resp:	154637
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082295.D

Acq: 22 May 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#08

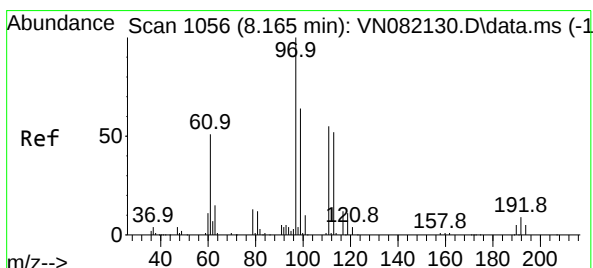
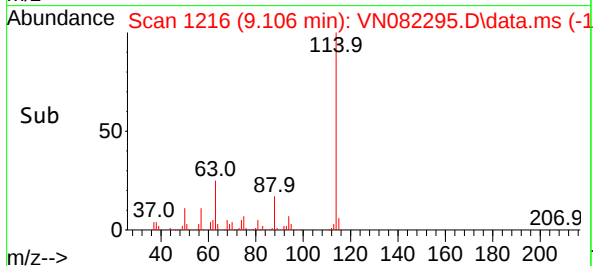
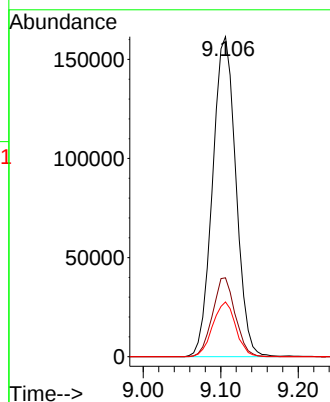
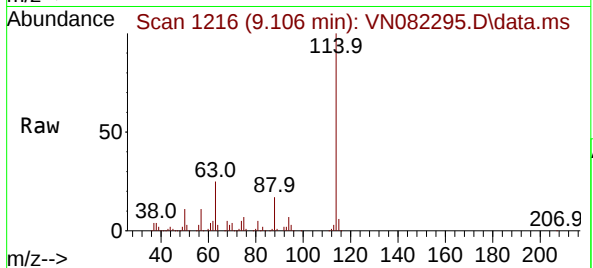
Tgt Ion:114 Resp: 337735

Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.695 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082295.D

Acq: 22 May 2024 16:14

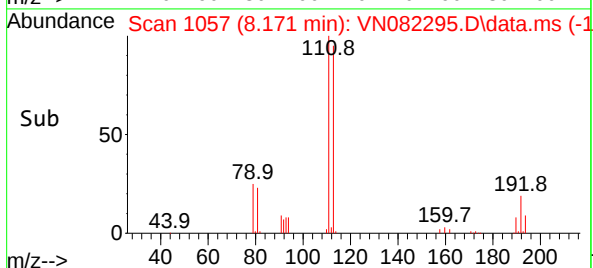
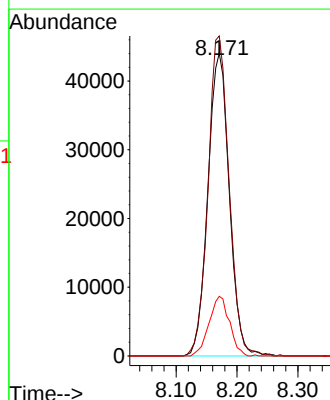
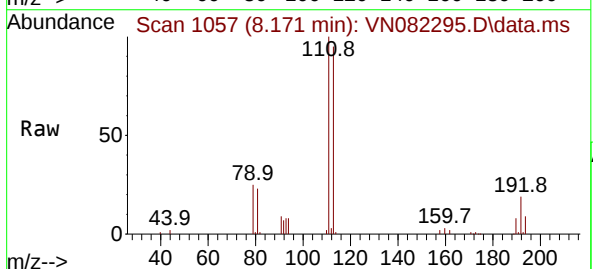
Tgt Ion:113 Resp: 107401

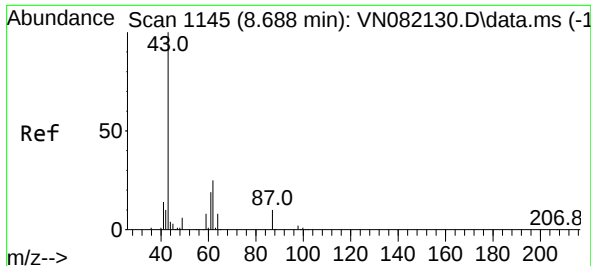
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 18.8 14.0 21.0

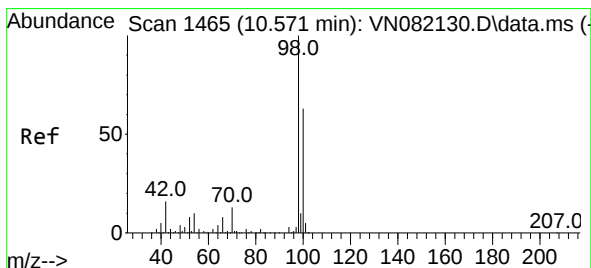
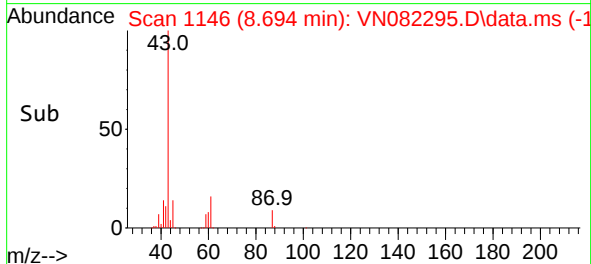
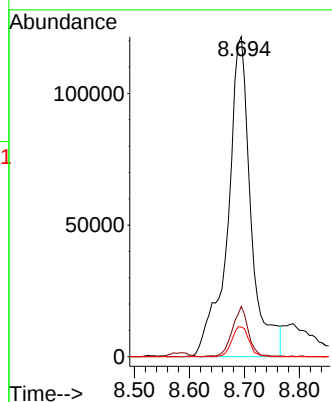
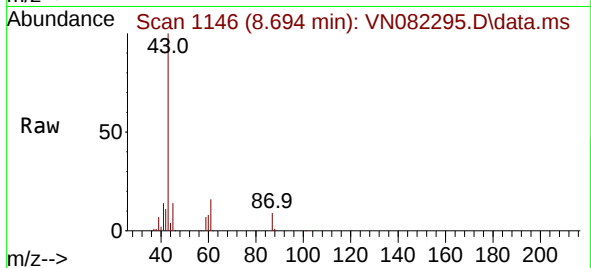




#43
Isopropyl Acetate
Concen: 51.829 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

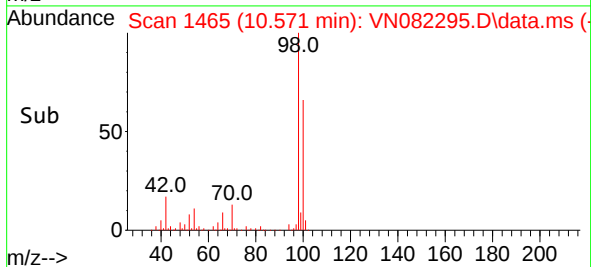
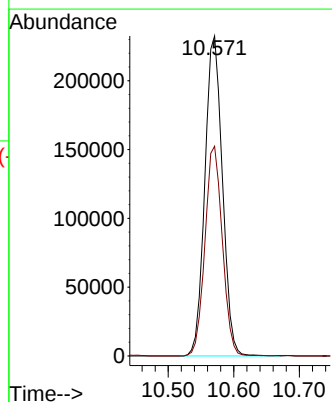
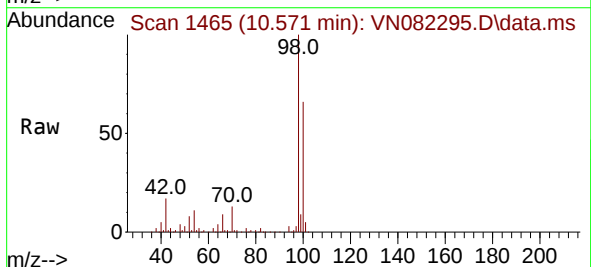
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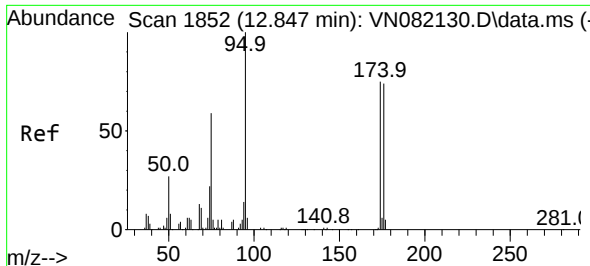
Tgt Ion: 43 Resp: 358122
Ion Ratio Lower Upper
43 100
61 10.8 22.8 34.2#
87 6.8 12.0 18.0#



#50
Toluene-d8
Concen: 54.363 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

Tgt Ion: 98 Resp: 433019
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

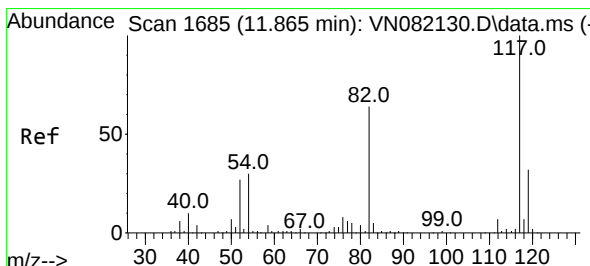
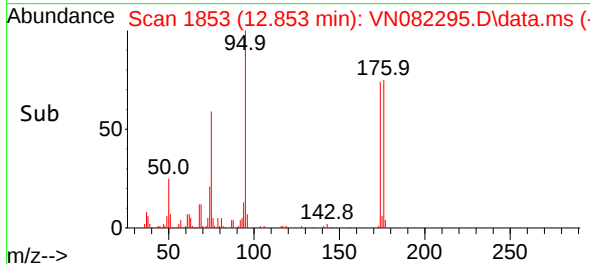
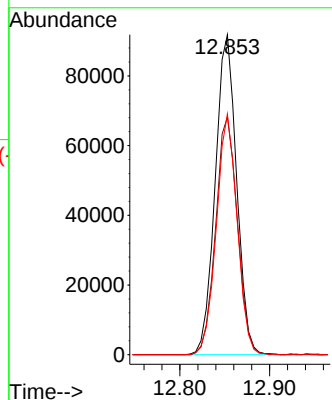
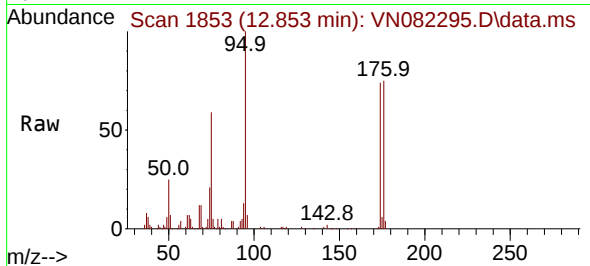




#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

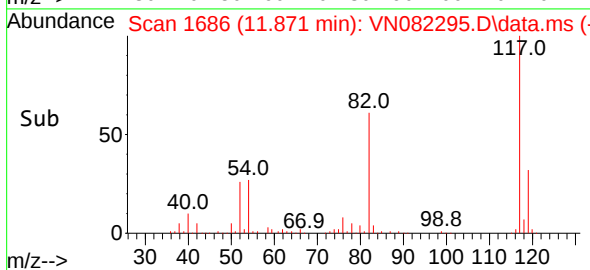
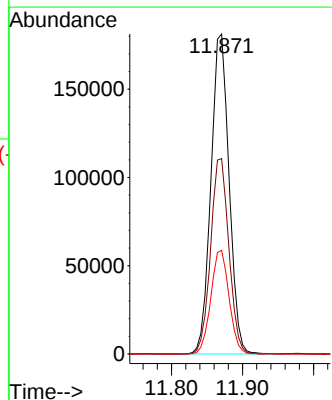
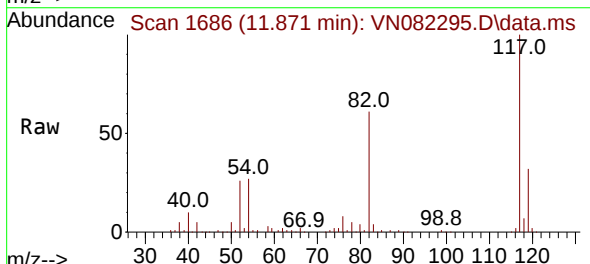
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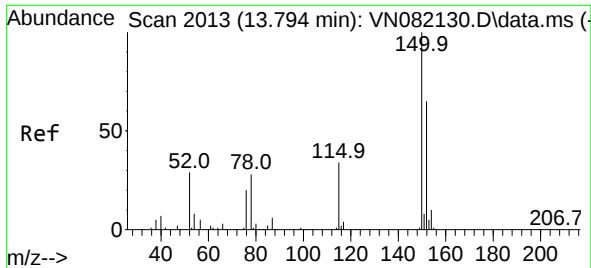
Tgt Ion: 95 Resp: 151792
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 72.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082295.D
Acq: 22 May 2024 16:14

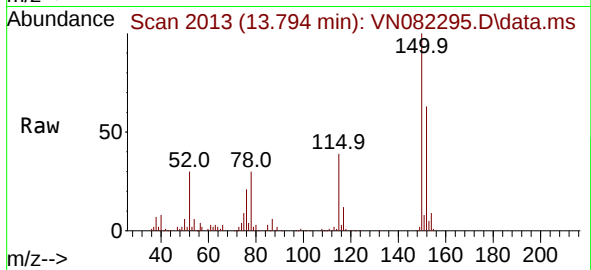
Tgt Ion: 117 Resp: 321680
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082295.D
 Acq: 22 May 2024 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#08



Tgt Ion:152 Resp: 135227
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.4 91.3
 150 158.0 0.0 353.2

