

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082287.D
 Acq On : 22 May 2024 12:40
 Operator : JC\MD
 Sample : PB161037TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037TB

Quant Time: May 23 01:51:05 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)

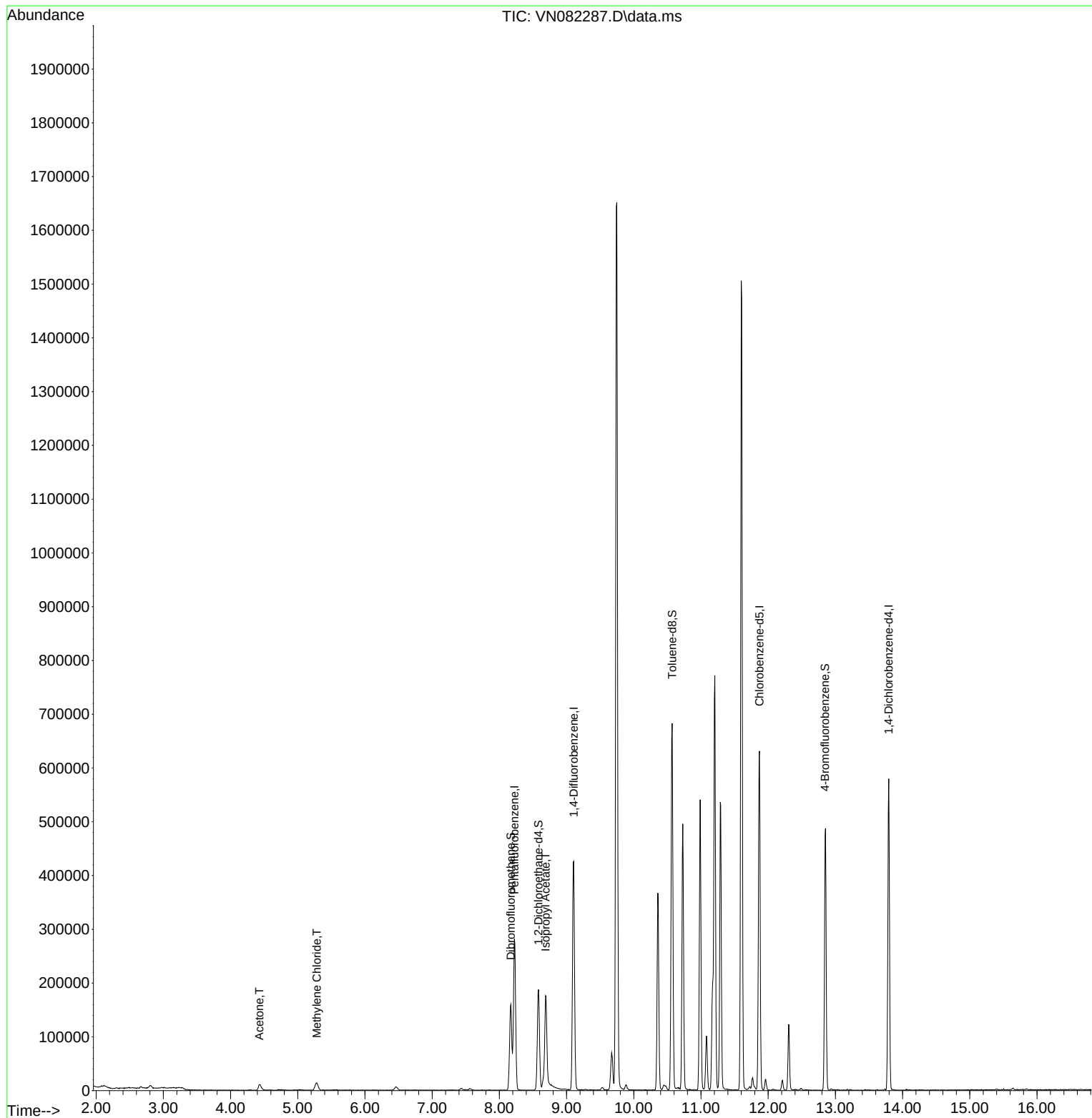
Internal Standards						
1) Pentafluorobenzene	8.224	168	194949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	332211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157158	51.054	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.100%		
35) Dibromofluoromethane	8.171	113	109729	51.685	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.380%		
50) Toluene-d8	10.570	98	443353	54.469	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.940%		
62) 4-Bromofluorobenzene	12.847	95	157066	54.064	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 108.120%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	21247	16.826	ug/l	96
20) Methylene Chloride	5.283	84	10374	4.072	ug/l #	84
43) Isopropyl Acetate	8.688	43	227385	32.204	ug/l #	77

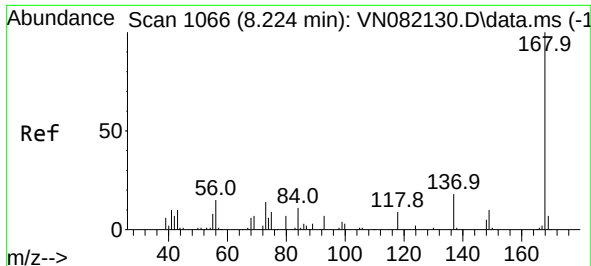
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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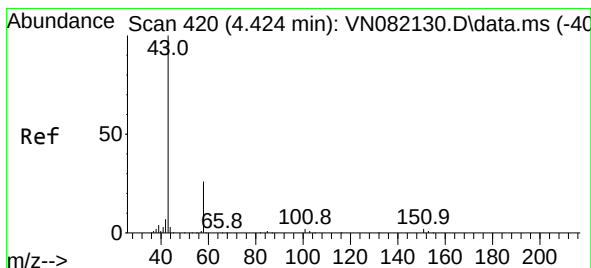
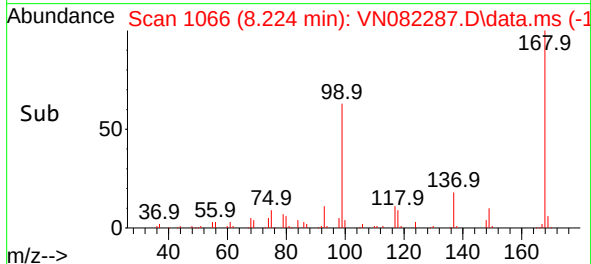
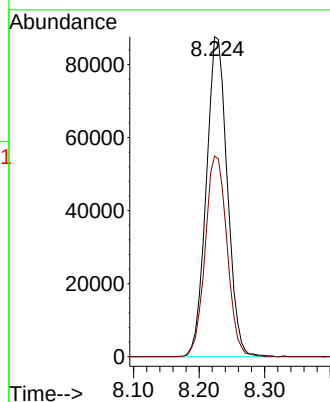
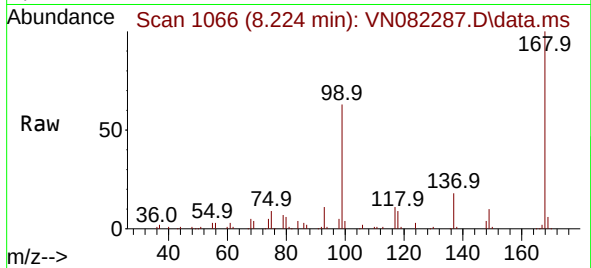




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

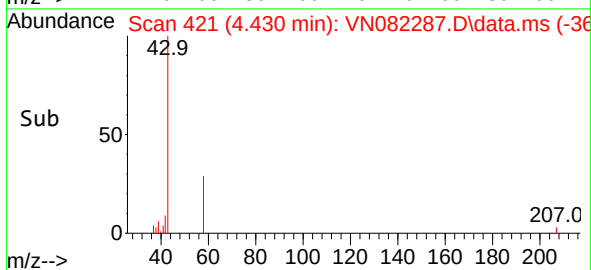
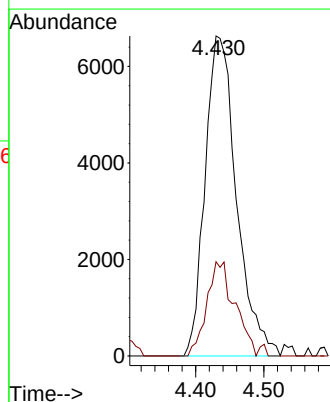
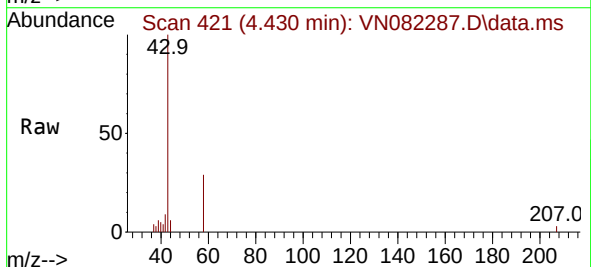
Instrument :
MSVOA_N
ClientSampleId :
PB161037TB

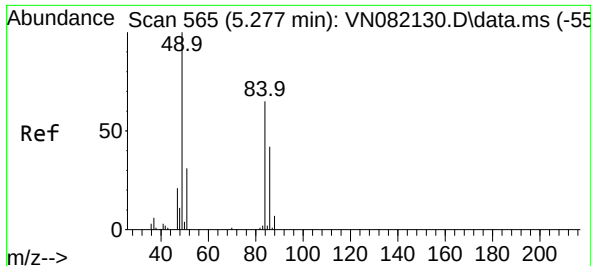
Tgt Ion:168 Resp: 194949
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#16
Acetone
Concen: 16.826 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

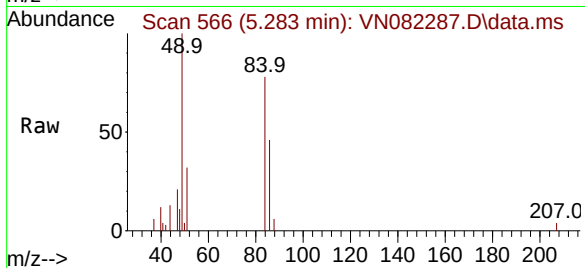
Tgt Ion: 43 Resp: 21247
Ion Ratio Lower Upper
43 100
58 29.5 25.2 37.8



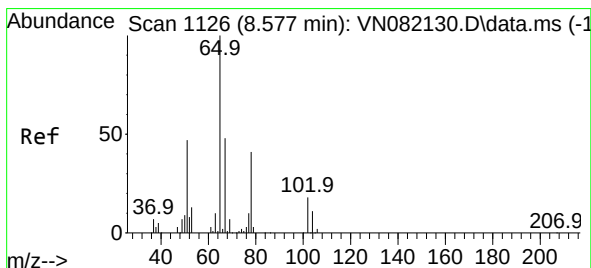
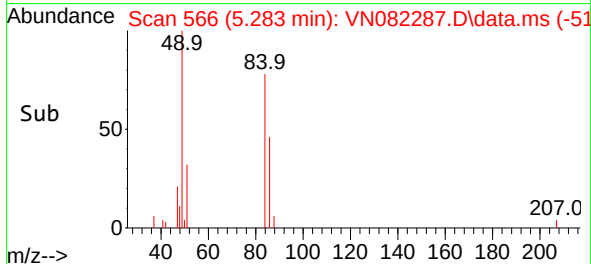
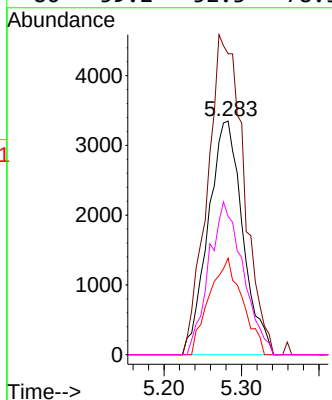


#20
Methylene Chloride
Concen: 4.072 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
PB161037TB

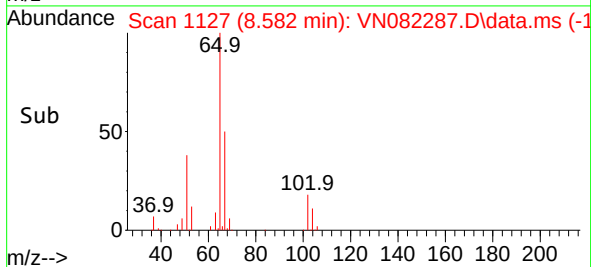
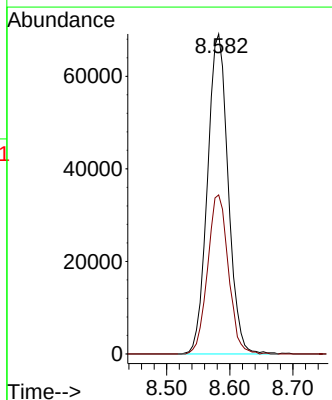
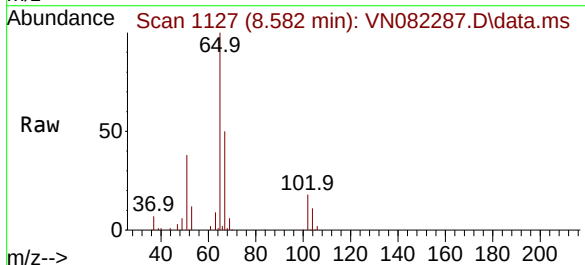


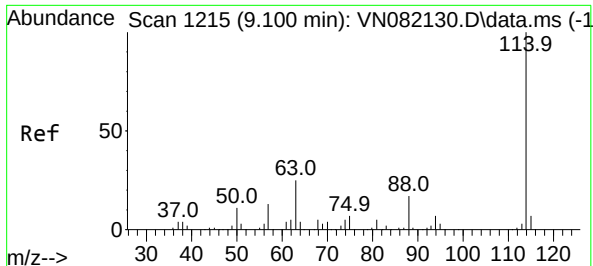
Tgt Ion:	84	Resp:	10374
Ion	Ratio	Lower	Upper
84	100		
49	128.9	84.9	127.3#
51	41.3	27.0	40.6#
86	59.2	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.054 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

Tgt Ion:	65	Resp:	157158
Ion	Ratio	Lower	Upper
65	100		
67	50.0	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: VN082287.D

Acq: 22 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB161037TB

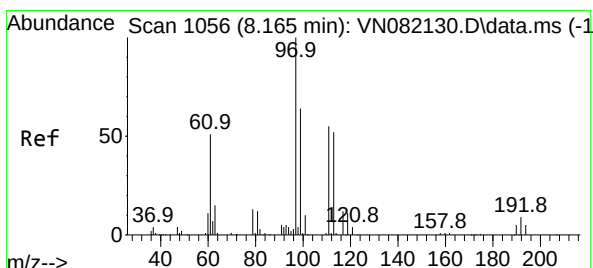
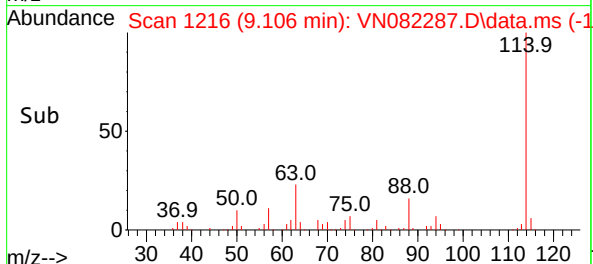
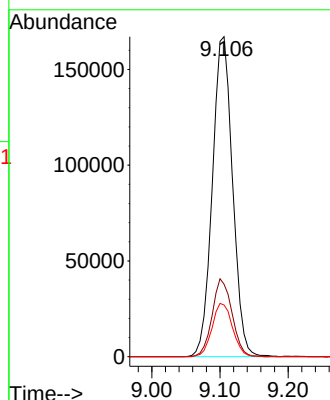
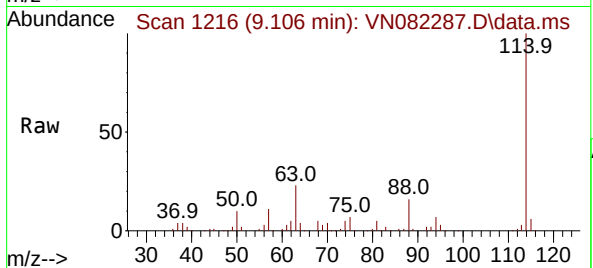
Tgt Ion:114 Resp: 345120

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.685 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082287.D

Acq: 22 May 2024 12:40

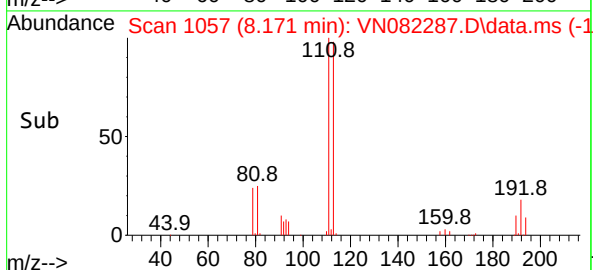
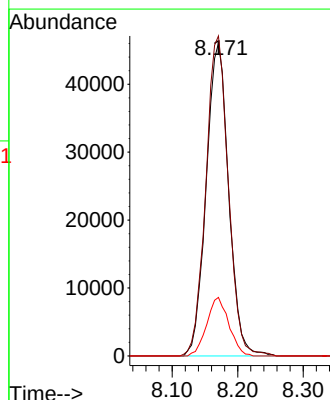
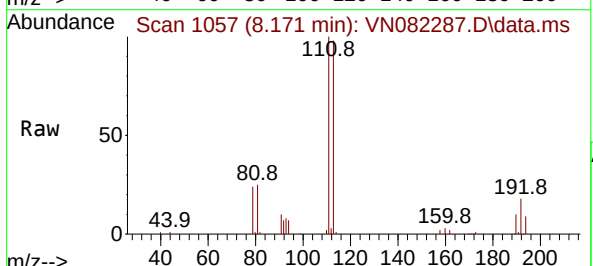
Tgt Ion:113 Resp: 109729

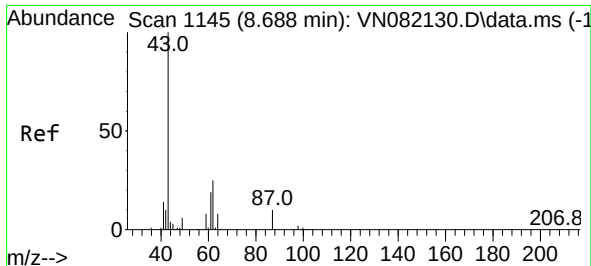
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 18.4 14.0 21.0

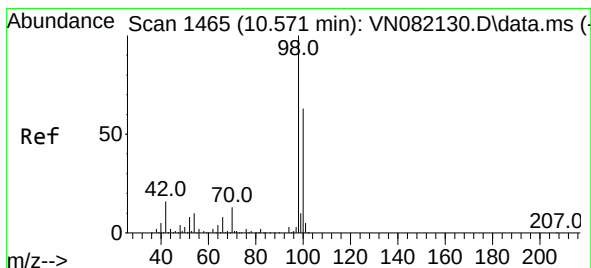
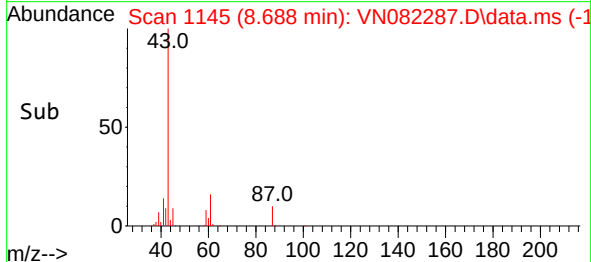
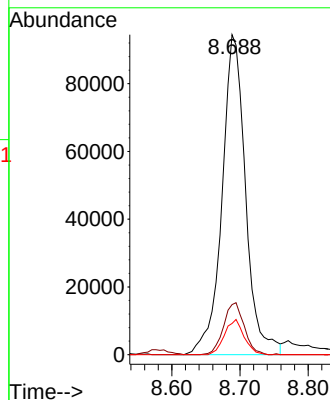
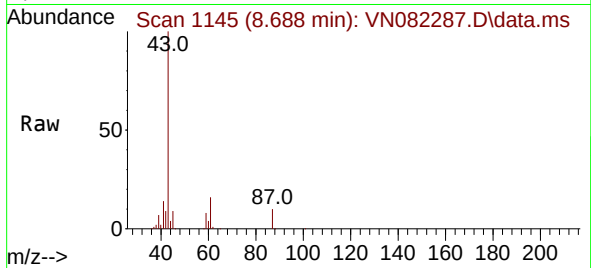




#43
Isopropyl Acetate
Concen: 32.204 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

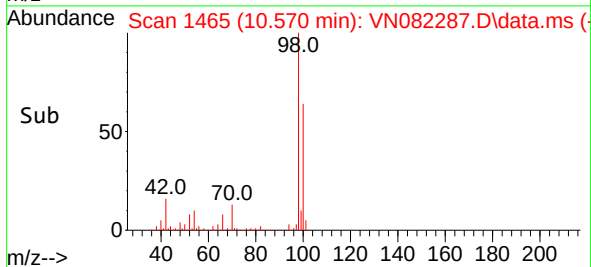
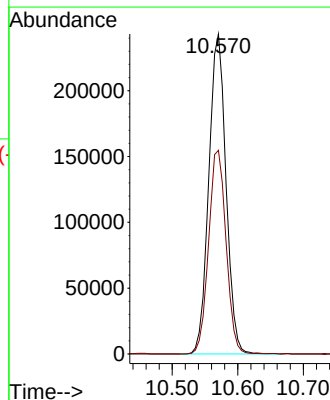
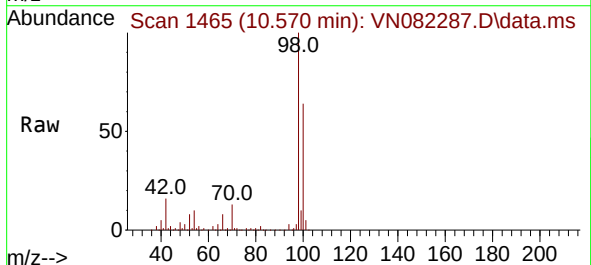
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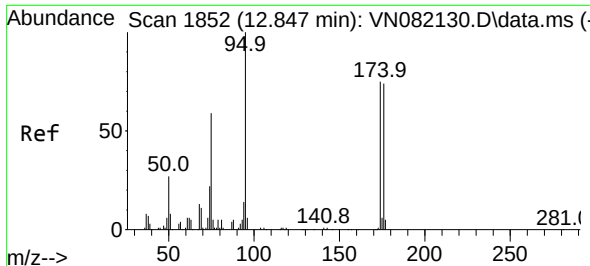
Tgt Ion: 43 Resp: 227385
Ion Ratio Lower Upper
43 100
61 14.2 22.8 34.2#
87 9.1 12.0 18.0#



#50
Toluene-d8
Concen: 54.469 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

Tgt Ion: 98 Resp: 443353
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

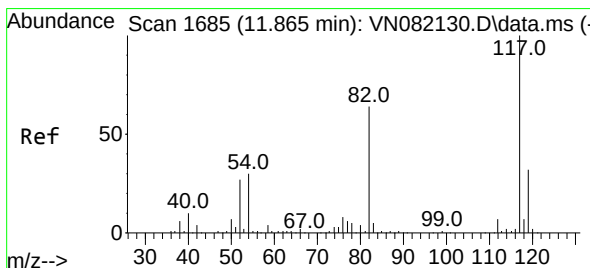
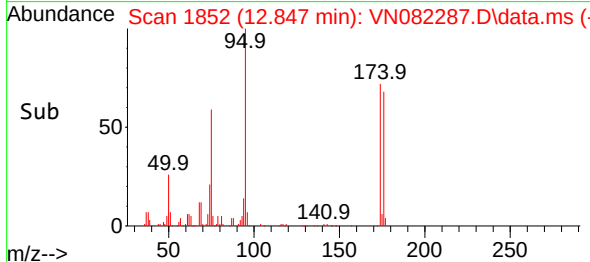
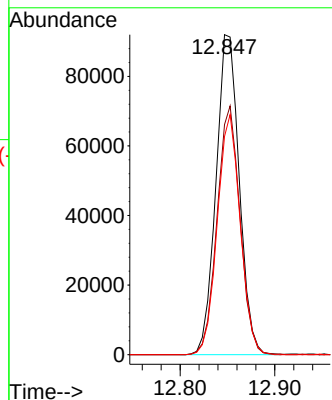
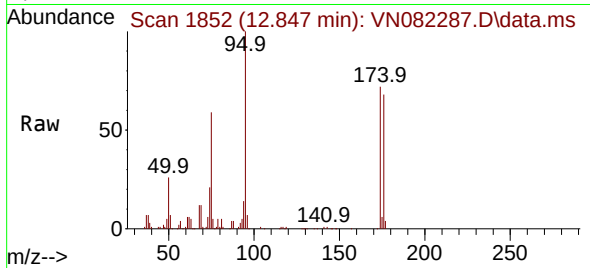




#62
4-Bromofluorobenzene
Concen: 54.064 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

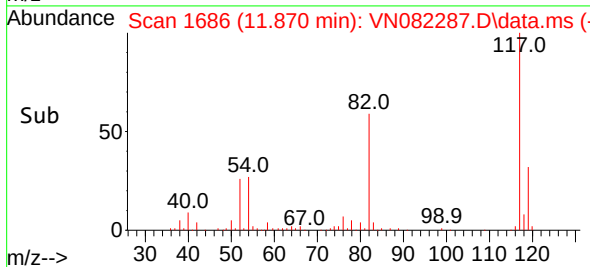
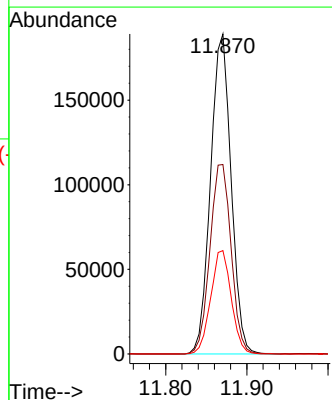
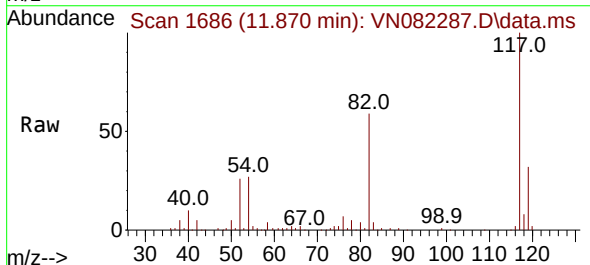
Instrument :
MSVOA_N
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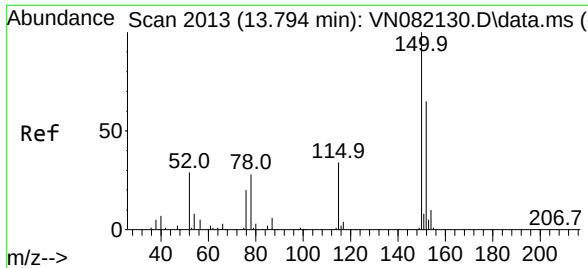
Tgt Ion: 95 Resp: 157066
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082287.D
Acq: 22 May 2024 12:40

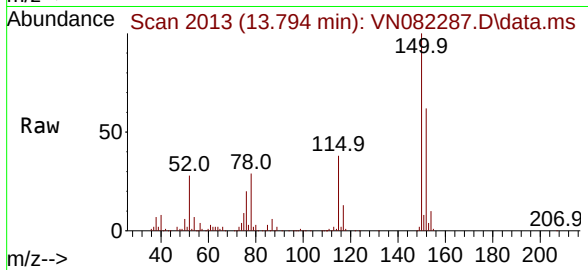
Tgt Ion: 117 Resp: 332211
Ion Ratio Lower Upper
117 100
82 59.2 44.6 66.8
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082287.D
 Acq: 22 May 2024 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037TB



Tgt Ion:152 Resp: 143587
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.4 91.3
 150 157.3 0.0 353.2

