

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082288.D
 Acq On : 22 May 2024 13:04
 Operator : JC\MD
 Sample : PB161037ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#01

Quant Time: May 23 01:51:37 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)

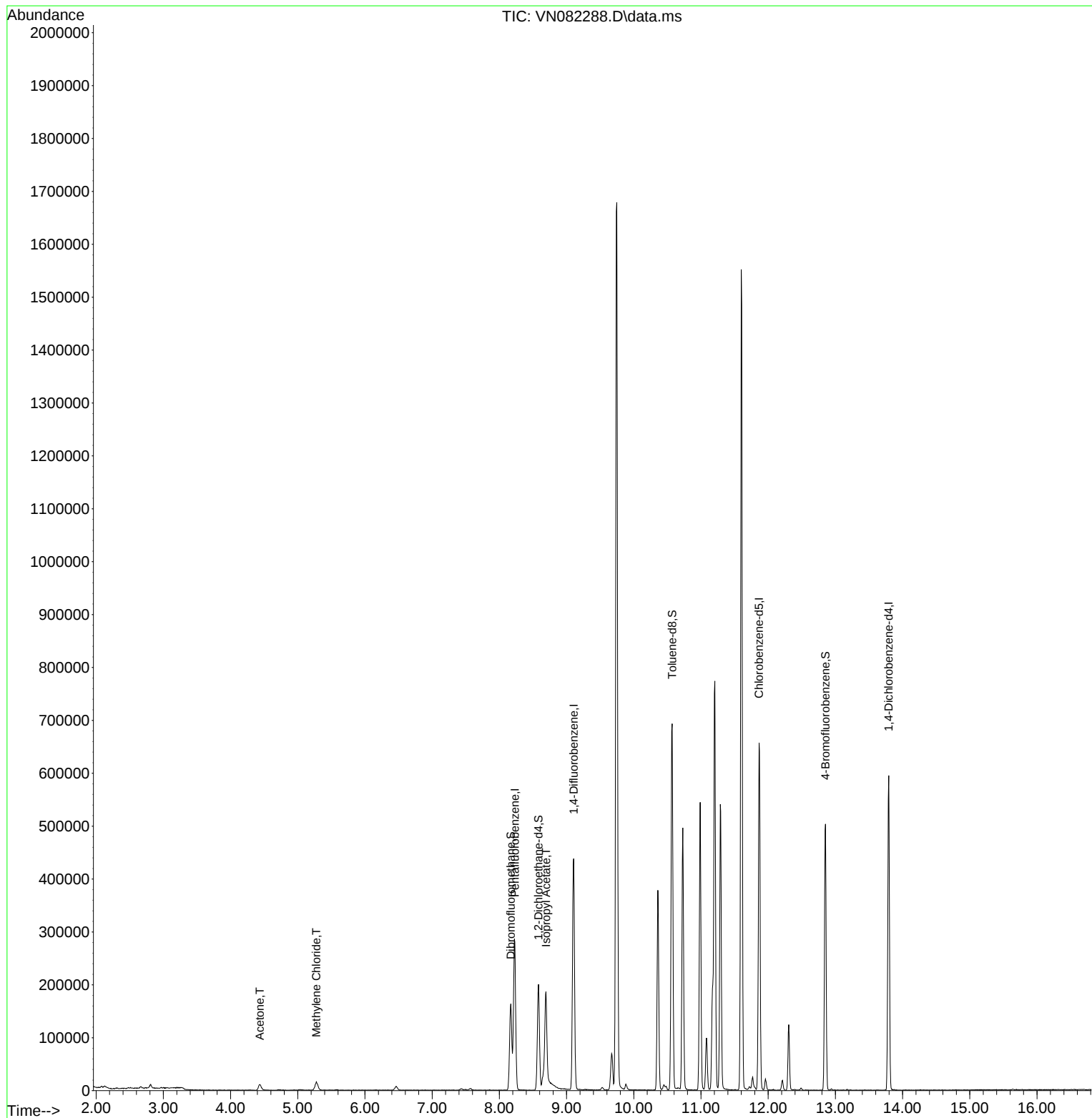
Internal Standards						
1) Pentafluorobenzene	8.230	168	200585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	356456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	163077	51.488	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.980%		
35) Dibromofluoromethane	8.171	113	112849	51.465	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.920%		
50) Toluene-d8	10.571	98	452360	53.809	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.620%		
62) 4-Bromofluorobenzene	12.853	95	164031	54.666	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 109.340%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	22198	17.085	ug/l	90
20) Methylene Chloride	5.277	84	10527	4.016	ug/l #	67
43) Isopropyl Acetate	8.694	43	272558	37.374	ug/l #	73

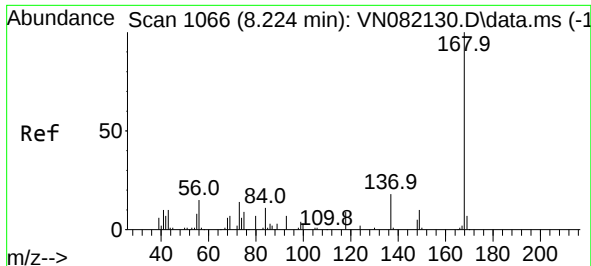
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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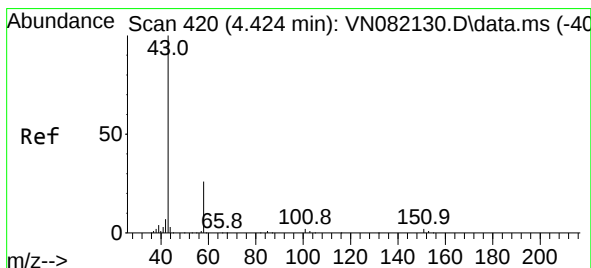
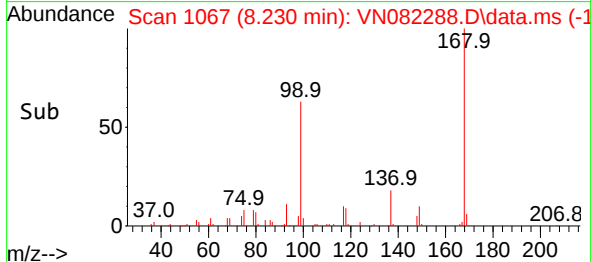
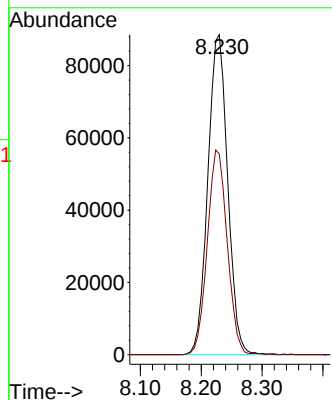
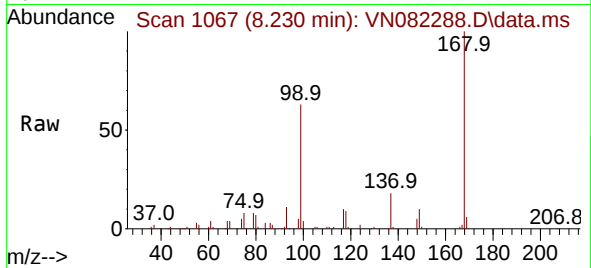




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

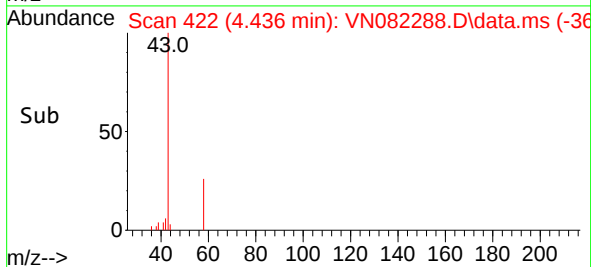
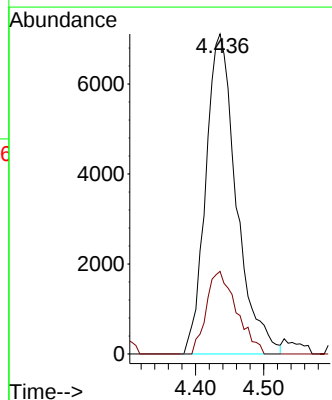
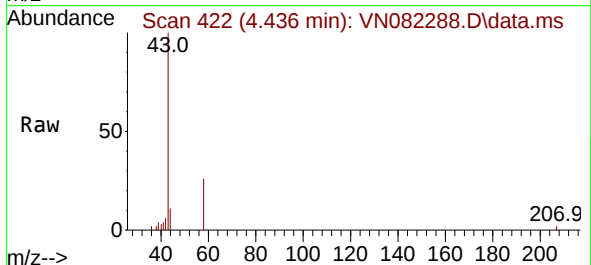
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#01

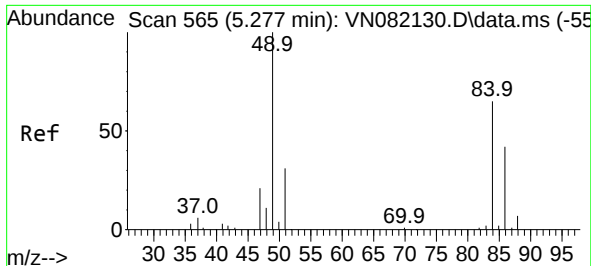
Tgt Ion:168 Resp: 200585
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#16
Acetone
Concen: 17.085 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

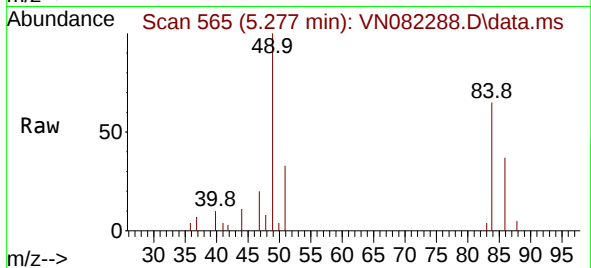
Tgt Ion: 43 Resp: 22198
Ion Ratio Lower Upper
43 100
58 25.8 25.2 37.8



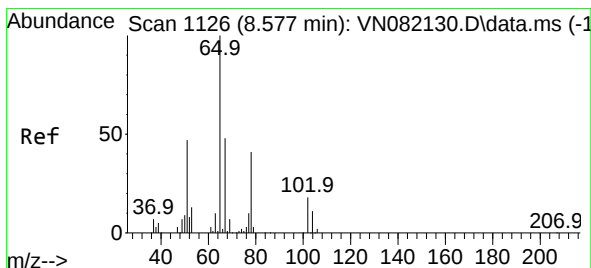
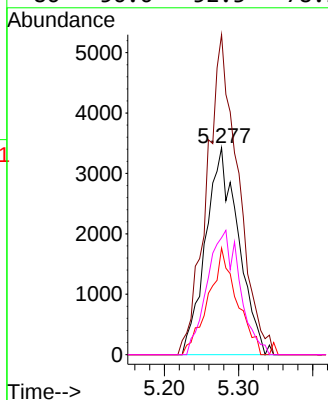
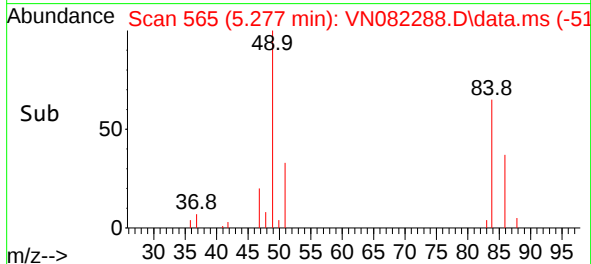


#20
Methylene Chloride
Concen: 4.016 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

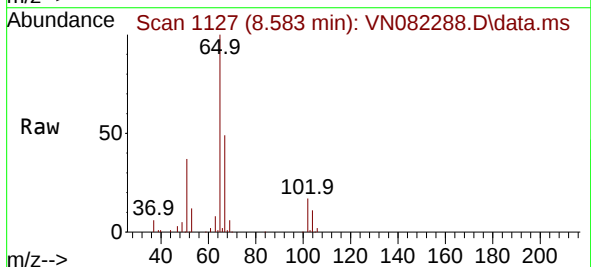
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#01



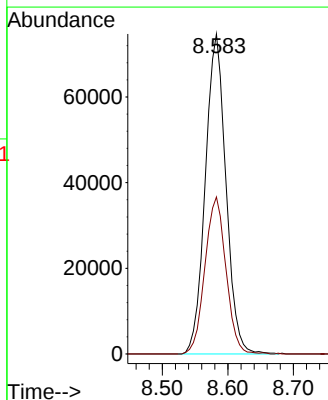
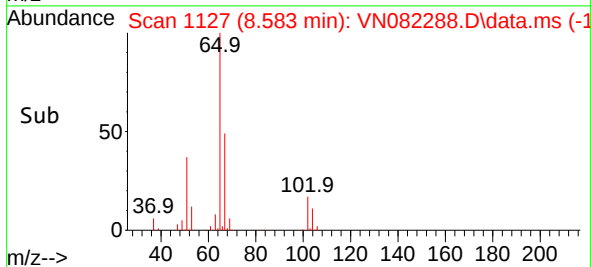
Tgt Ion:	84	Resp:	10527
Ion	Ratio	Lower	Upper
84	100		
49	154.7	84.9	127.3#
51	51.5	27.0	40.6#
86	56.6	52.3	78.5

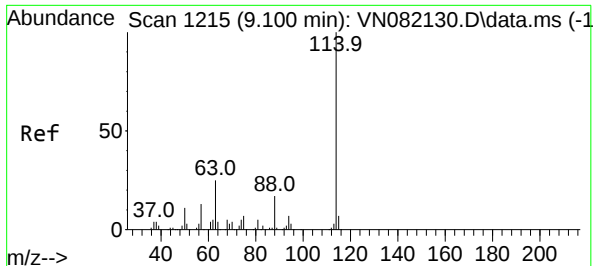


#33
1,2-Dichloroethane-d4
Concen: 51.488 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04



Tgt Ion:	65	Resp:	163077
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0

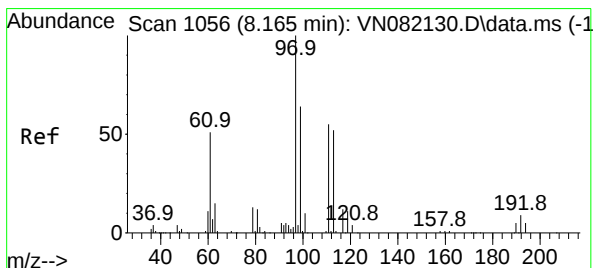
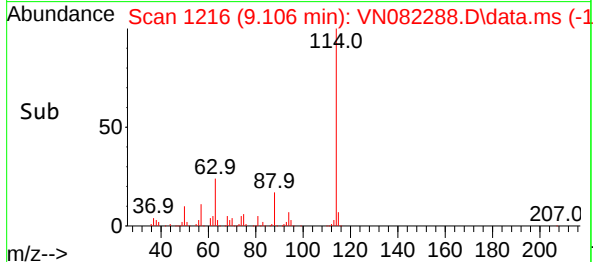
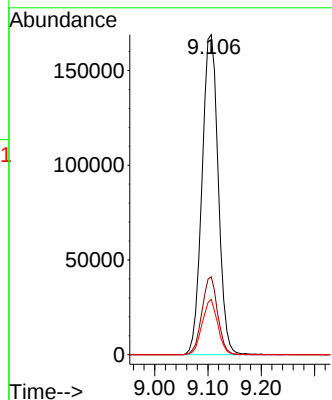
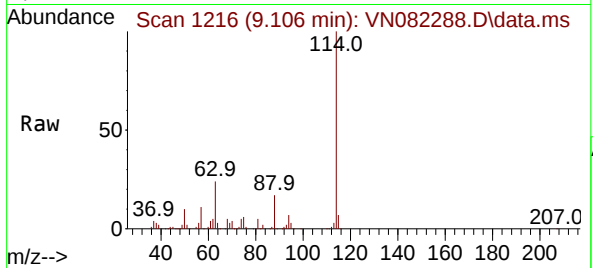




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

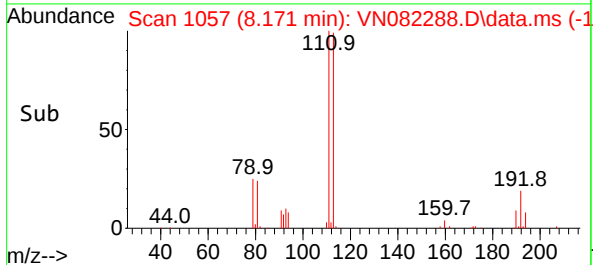
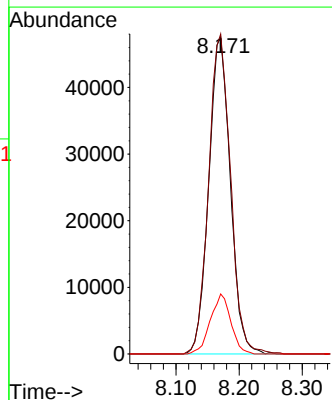
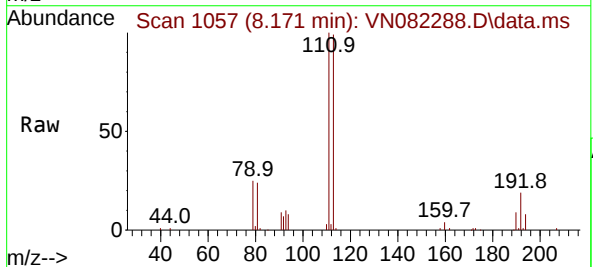
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#01

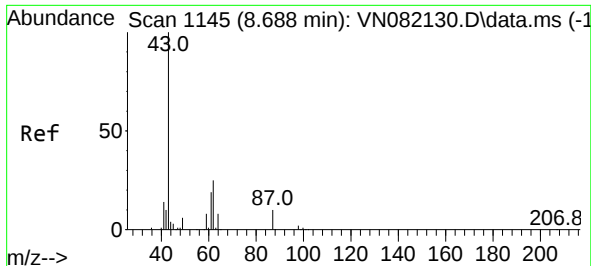
Tgt Ion:114 Resp: 356456
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 17.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.465 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

Tgt Ion:113 Resp: 112849
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.0 14.0 21.0

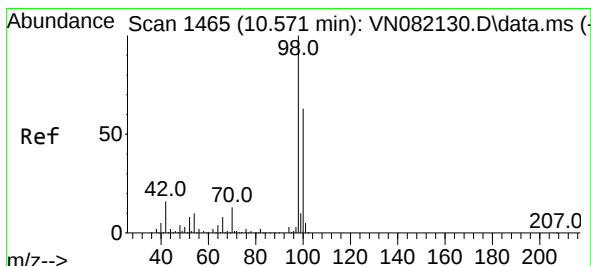
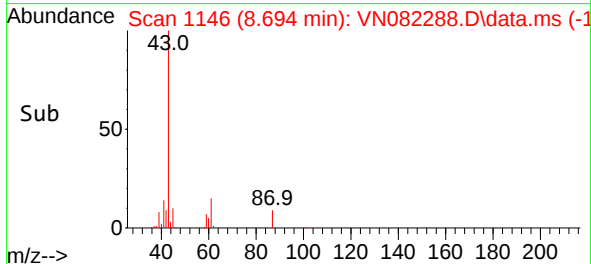
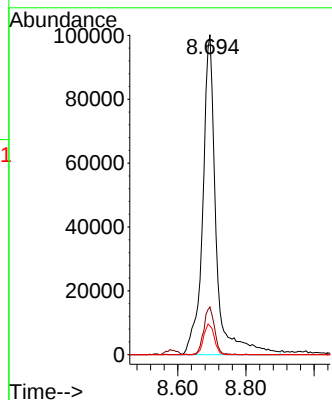
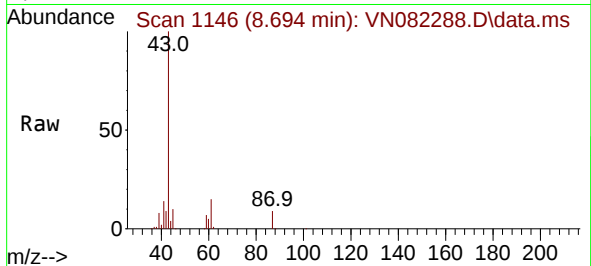




#43
Isopropyl Acetate
Concen: 37.374 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

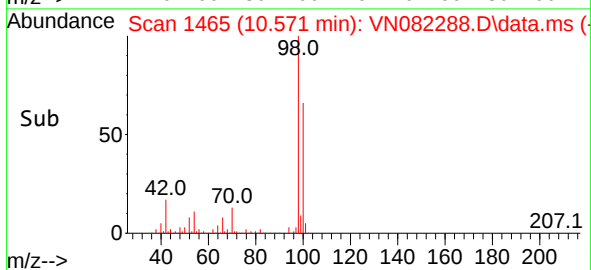
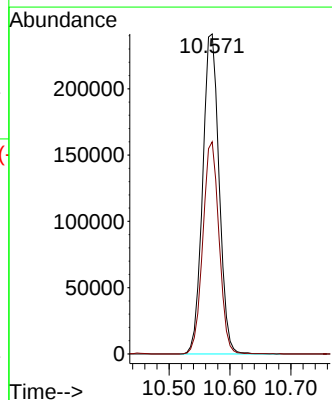
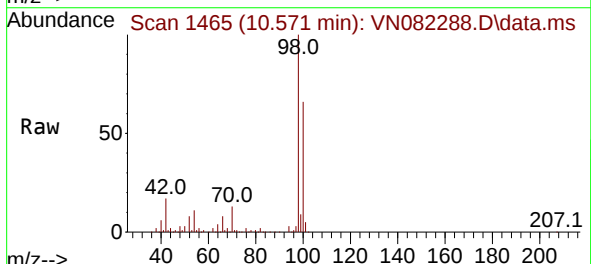
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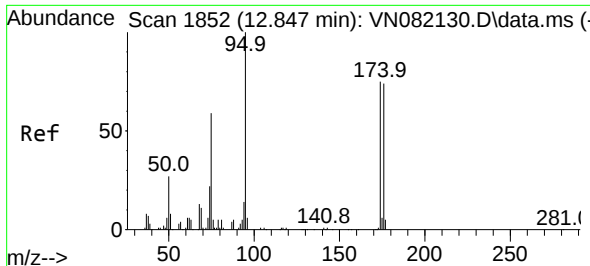
Tgt Ion: 43 Resp: 272558
Ion Ratio Lower Upper
43 100
61 12.0 22.8 34.2#
87 7.6 12.0 18.0#



#50
Toluene-d8
Concen: 53.809 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

Tgt Ion: 98 Resp: 452360
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

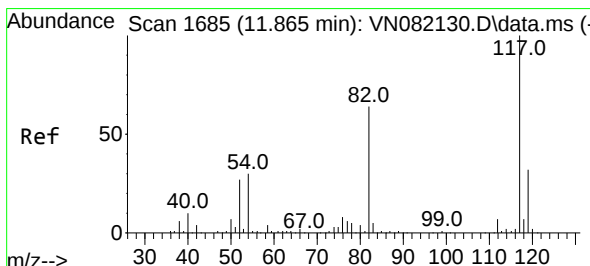
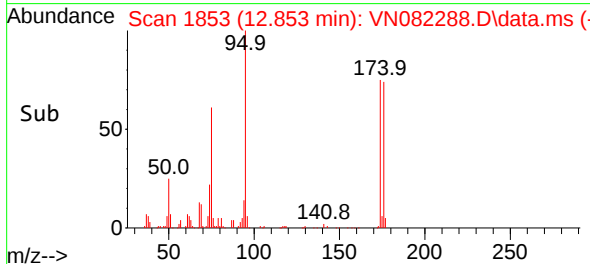
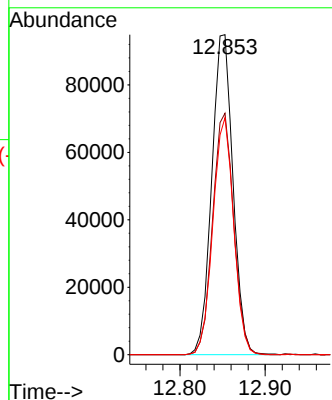
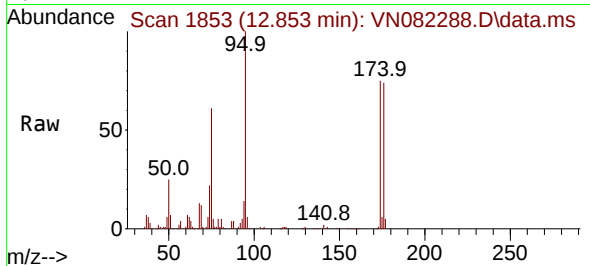




#62
4-Bromofluorobenzene
Concen: 54.666 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

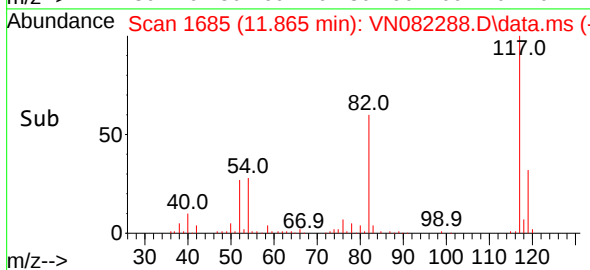
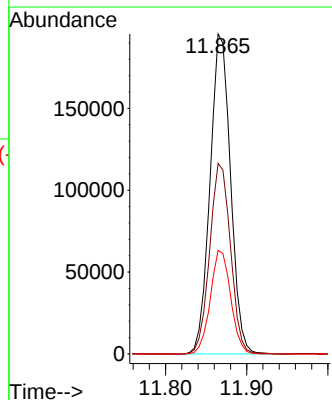
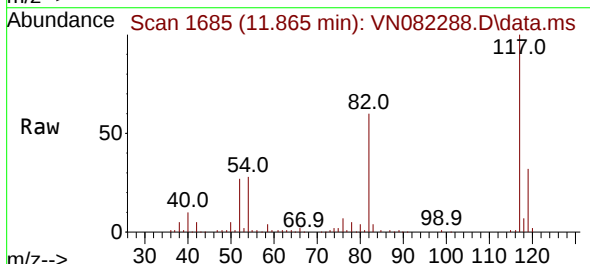
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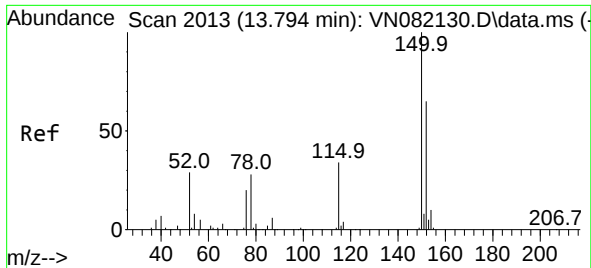
Tgt Ion: 95 Resp: 164031
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 72.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082288.D
Acq: 22 May 2024 13:04

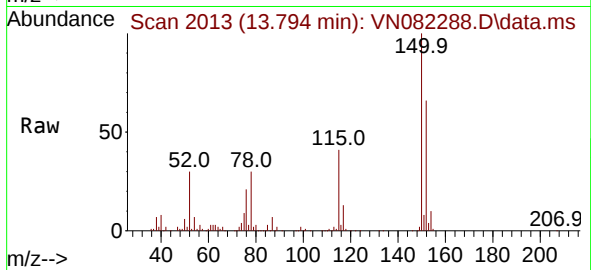
Tgt Ion: 117 Resp: 342656
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082288.D
 Acq: 22 May 2024 13:04

Instrument :
 MSVOA_N
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 PB161037ZHE#01



Tgt Ion:152 Resp: 148097
 Ion Ratio Lower Upper
 152 100
 115 62.3 30.4 91.3
 150 159.0 0.0 353.2

