

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082296.D
 Acq On : 22 May 2024 16:38
 Operator : JC\MD
 Sample : PB161037ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#09

Quant Time: May 23 01:54:14 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)

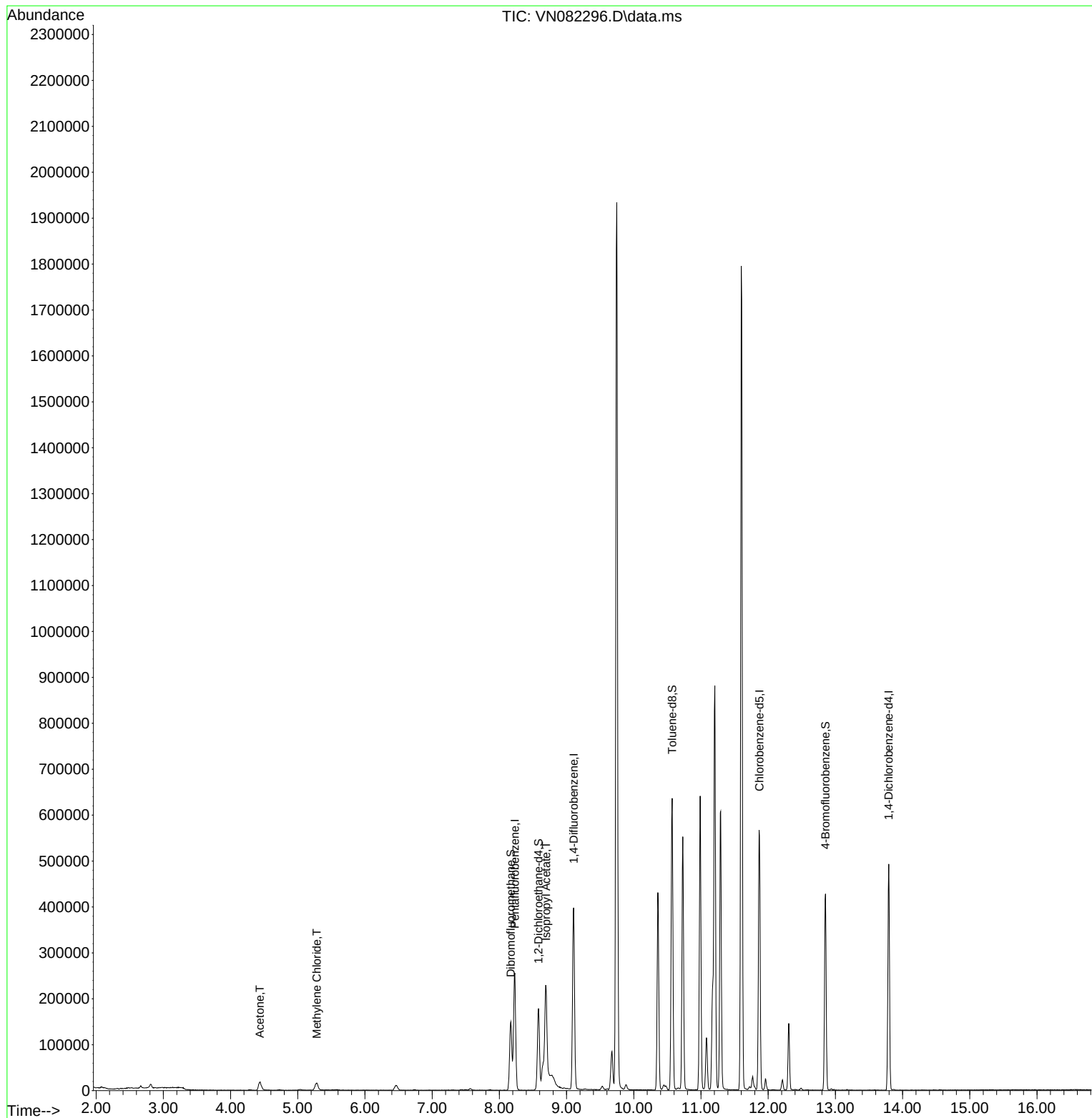
Internal Standards						
1) Pentafluorobenzene	8.230	168	176112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147474	53.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.060%	
35) Dibromofluoromethane	8.171	113	102057	52.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.640%	
50) Toluene-d8	10.571	98	405830	54.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.853	95	139062	52.093	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.180%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	34471	30.218	ug/l #	88
20) Methylene Chloride	5.283	84	11067	4.808	ug/l #	87
43) Isopropyl Acetate	8.694	43	339008	52.252	ug/l #	72

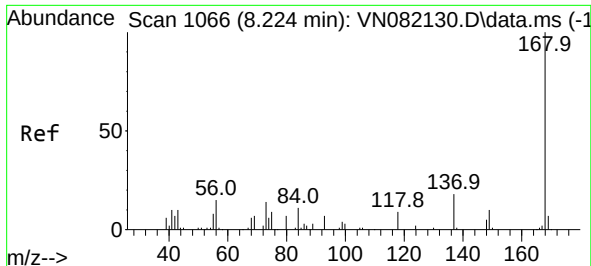
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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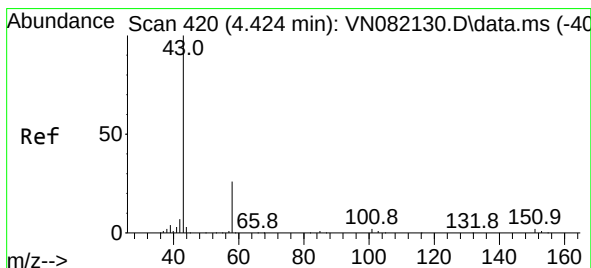
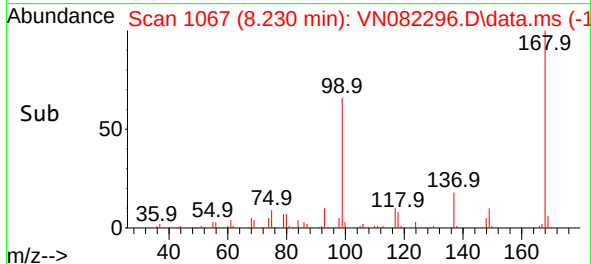
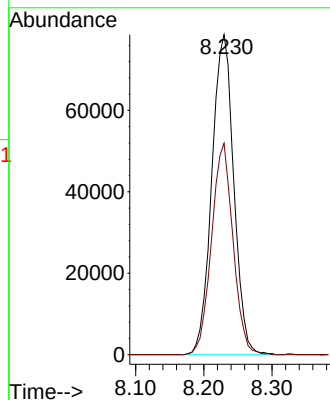
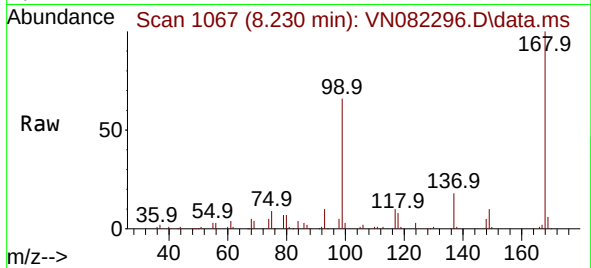




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

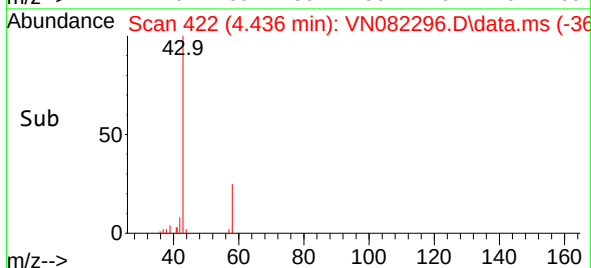
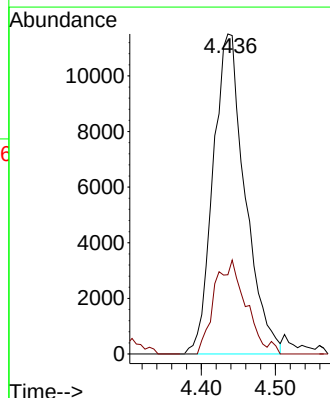
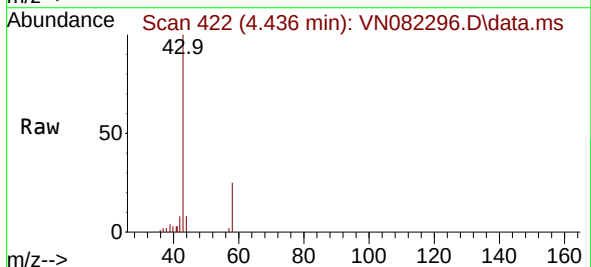
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#09

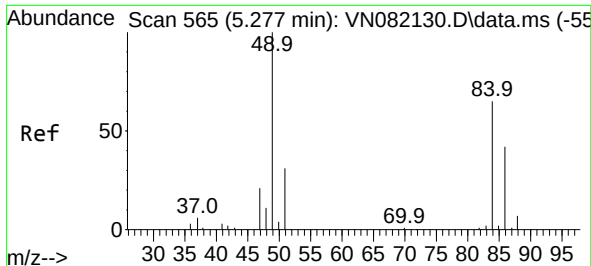
Tgt Ion:168 Resp: 176112
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#16
Acetone
Concen: 30.218 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

Tgt Ion: 43 Resp: 34471
Ion Ratio Lower Upper
43 100
58 24.8 25.2 37.8#

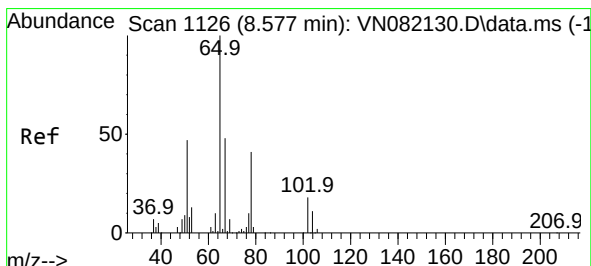
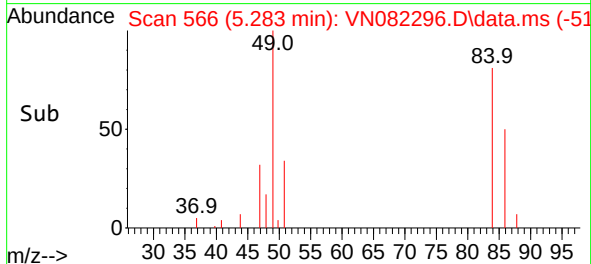
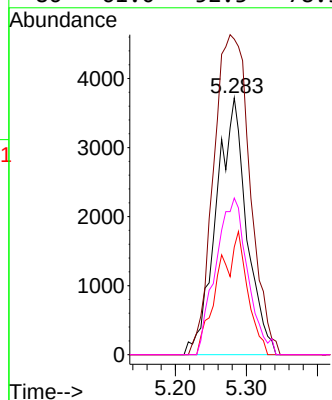
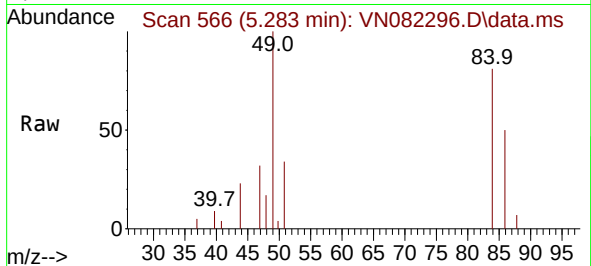




#20
Methylene Chloride
Concen: 4.808 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

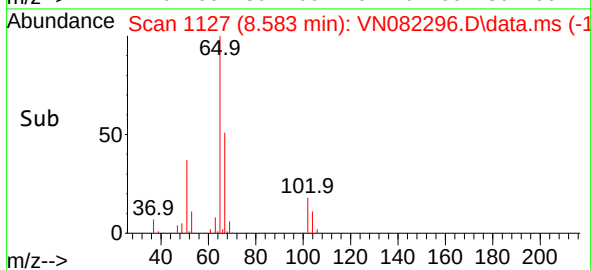
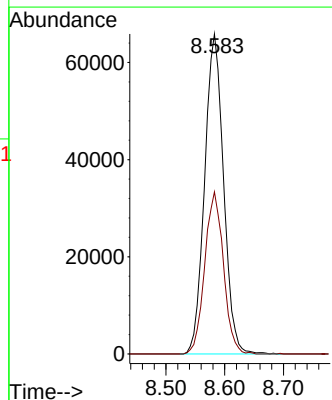
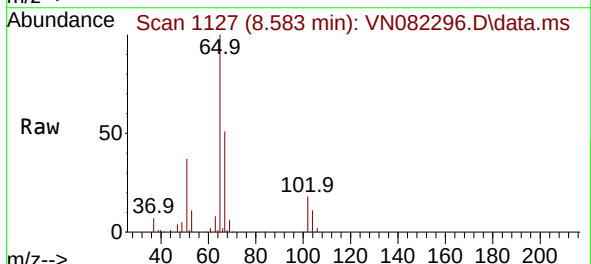
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#09

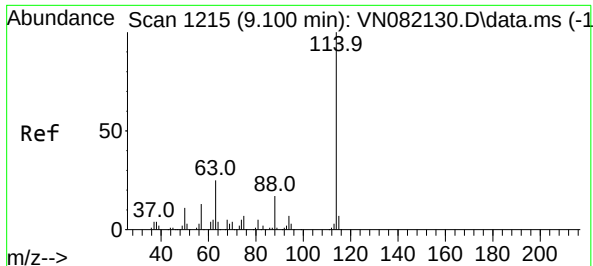
Tgt Ion:	84	Resp:	11067
Ion	Ratio	Lower	Upper
84	100		
49	122.9	84.9	127.3
51	41.9	27.0	40.6#
86	61.0	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.032 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

Tgt Ion:	65	Resp:	147474
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: VN082296.D

Acq: 22 May 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#09

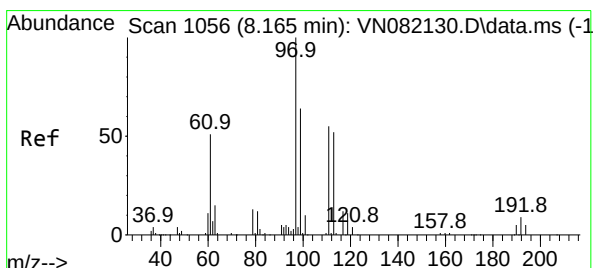
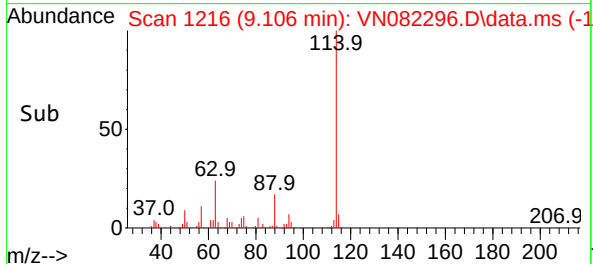
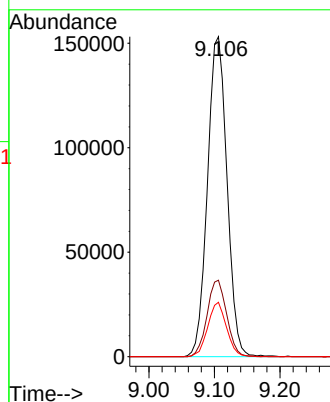
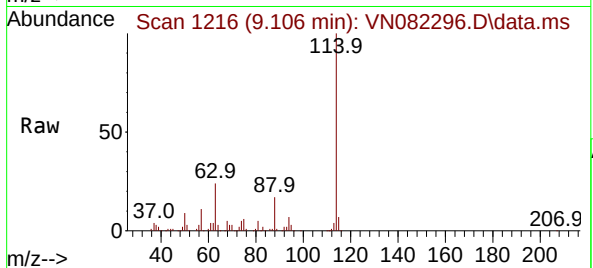
Tgt Ion:114 Resp: 317122

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.316 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082296.D

Acq: 22 May 2024 16:38

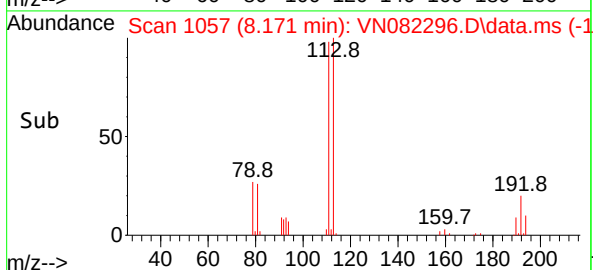
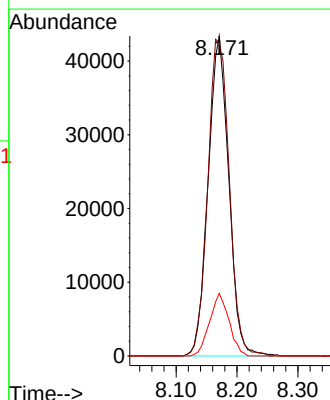
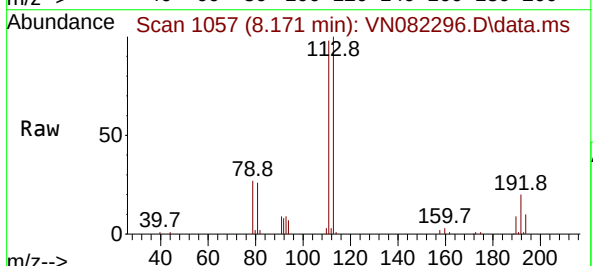
Tgt Ion:113 Resp: 102057

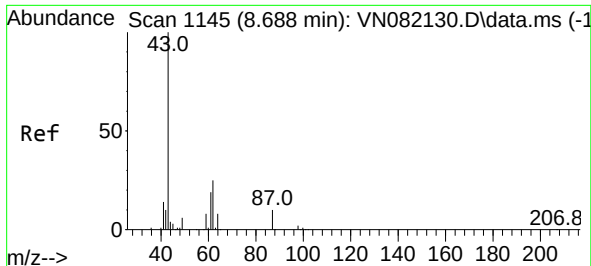
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 18.4 14.0 21.0

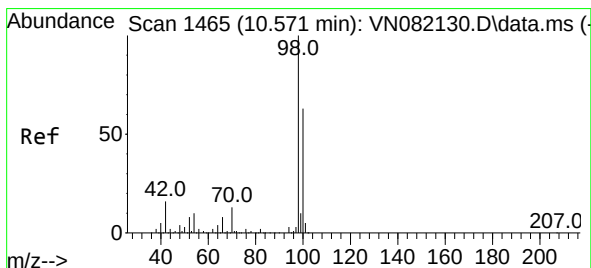
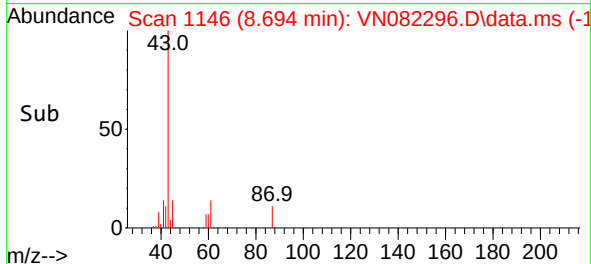
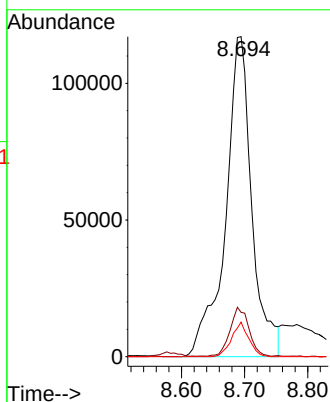
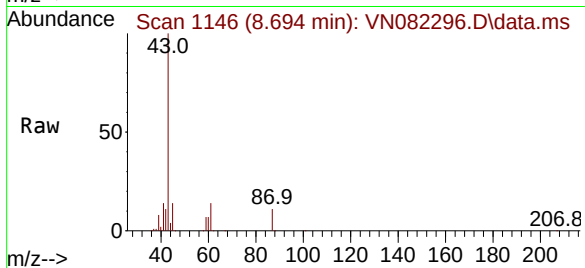




#43
Isopropyl Acetate
Concen: 52.252 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

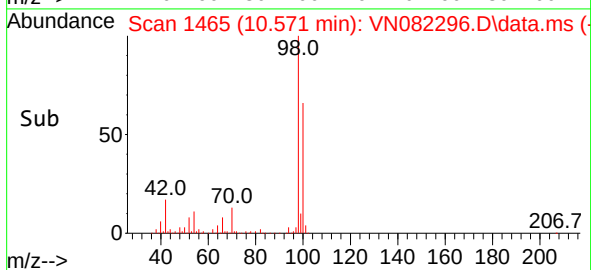
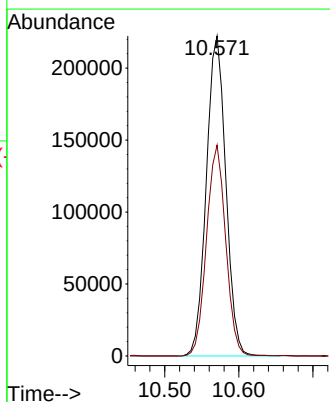
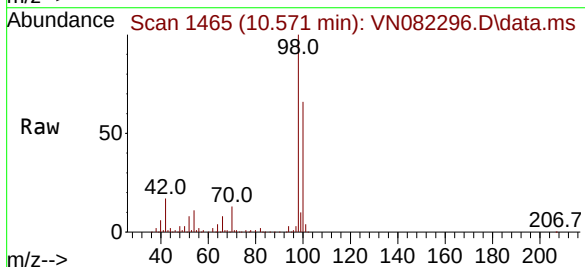
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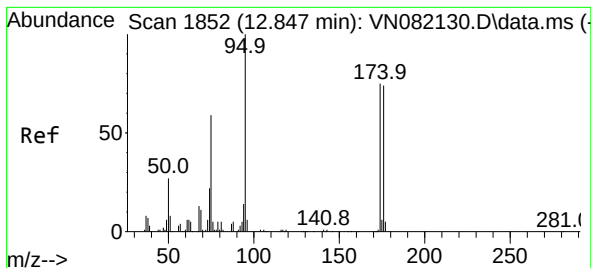
Tgt Ion: 43 Resp: 339008
Ion Ratio Lower Upper
43 100
61 10.9 22.8 34.2#
87 7.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.261 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

Tgt Ion: 98 Resp: 405830
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

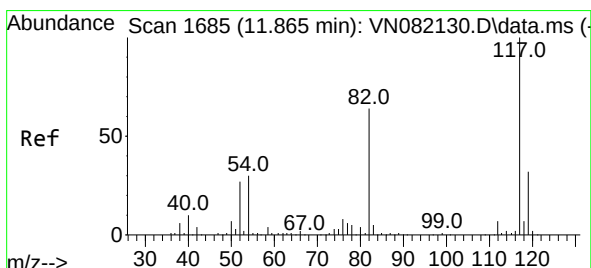
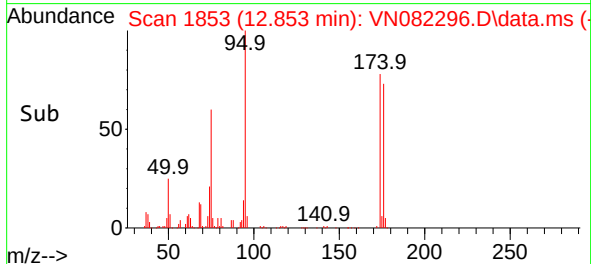
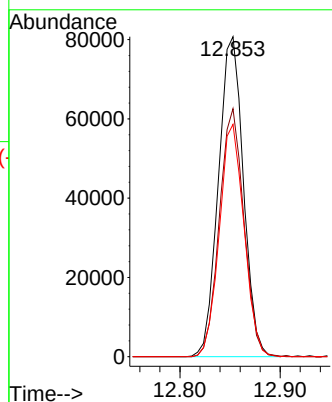
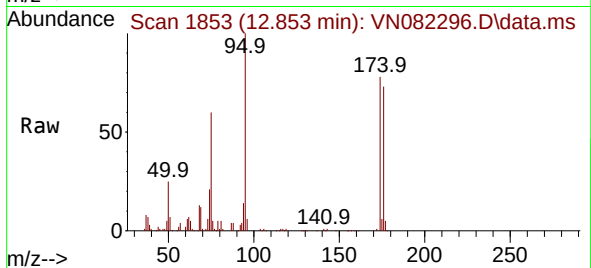




#62
4-Bromofluorobenzene
Concen: 52.093 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

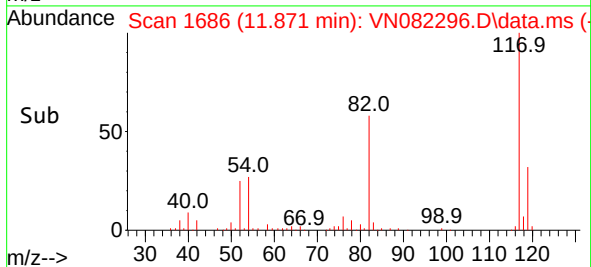
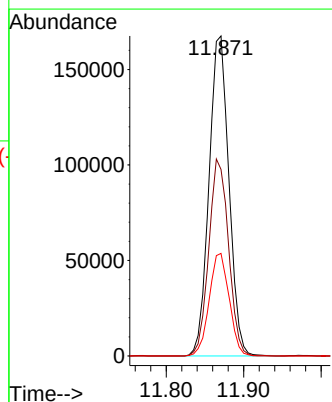
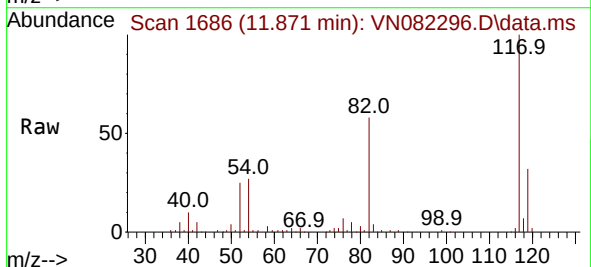
Instrument :
MSVOA_N
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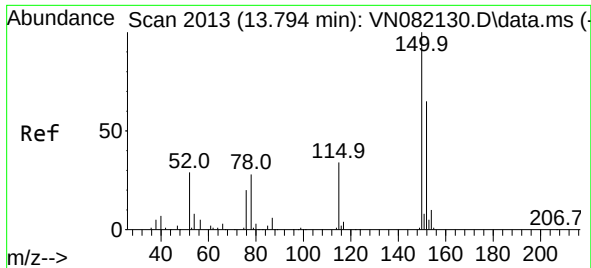
Tgt Ion: 95 Resp: 139062
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 71.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

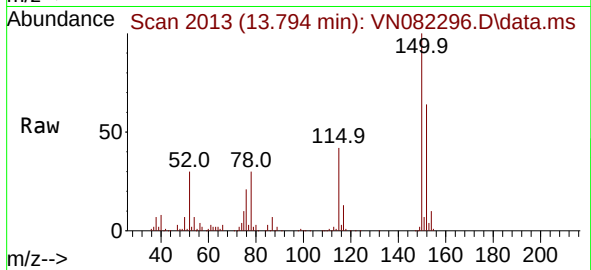
Tgt Ion: 117 Resp: 299029
Ion Ratio Lower Upper
117 100
82 58.3 44.6 66.8
119 32.1 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082296.D
Acq: 22 May 2024 16:38

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#09



Tgt Ion:152 Resp: 121323
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 157.8 0.0 353.2

