

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081014.D
 Acq On : 12 Feb 2024 19:32
 Operator : JC\MD
 Sample : PB158913TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158913TB

Quant Time: Feb 13 03:26:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

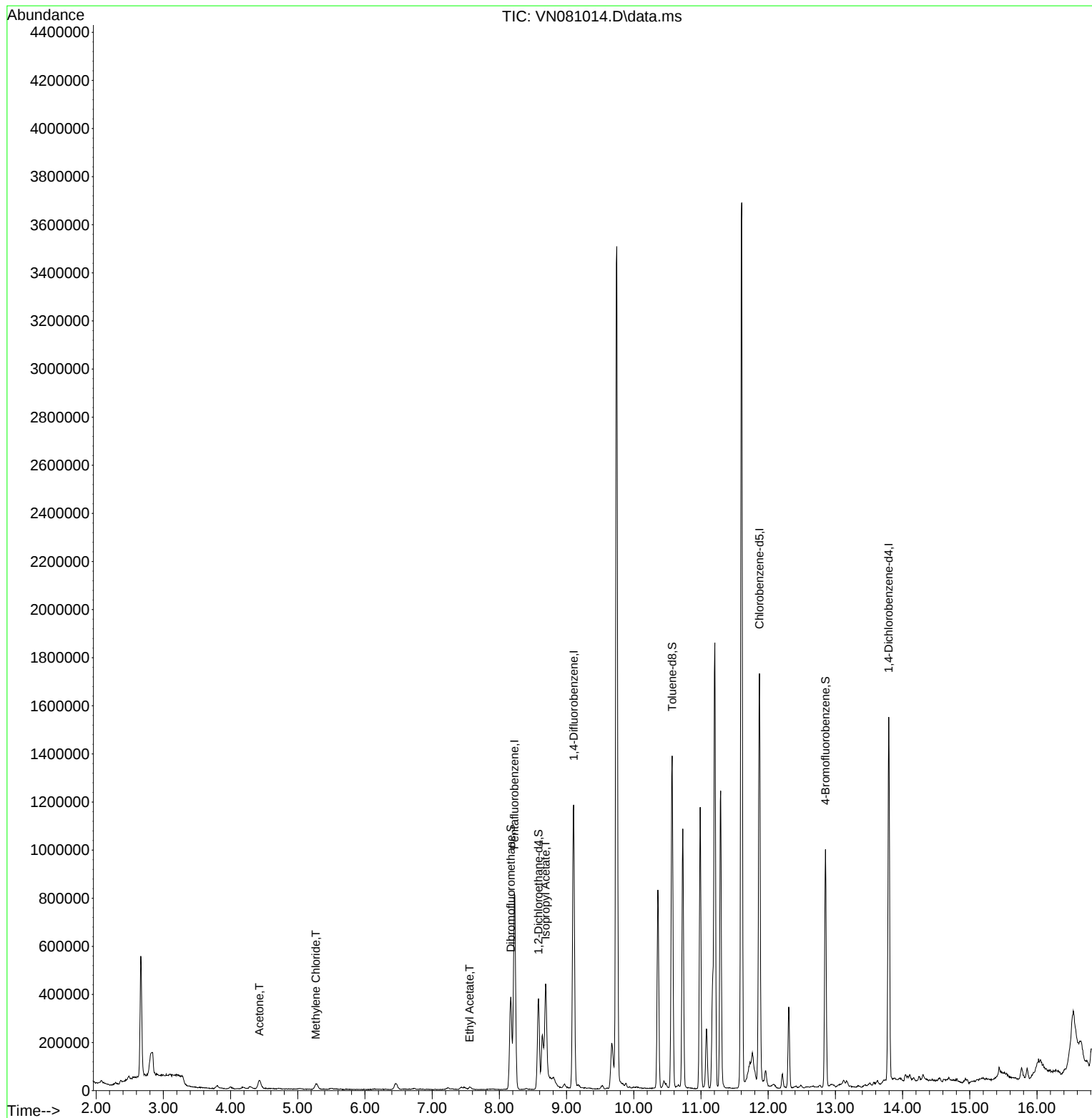
Internal Standards						
1) Pentafluorobenzene	8.224	168	643746	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	1104189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1041573	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	434887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293032	36.084	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	72.160%#
35) Dibromofluoromethane	8.171	113	277453	46.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	10.571	98	974297	45.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.853	95	335132	43.045	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.100%
Target Compounds						
16) Acetone	4.430	43	72367	27.086	ug/l	Qvalue 91
20) Methylene Chloride	5.271	84	20753	2.564	ug/l	# 65
37) Ethyl Acetate	7.559	43	13143	1.971	ug/l	# 90
43) Isopropyl Acetate	8.688	43	456535	37.224	ug/l	# 89

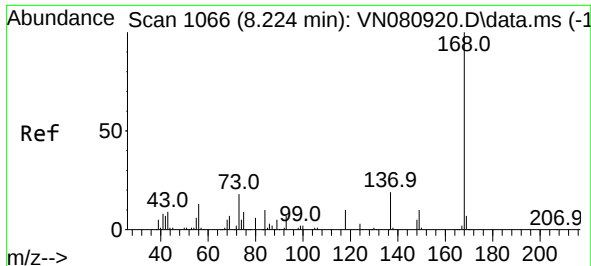
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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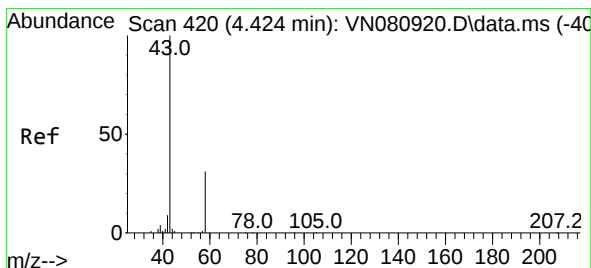
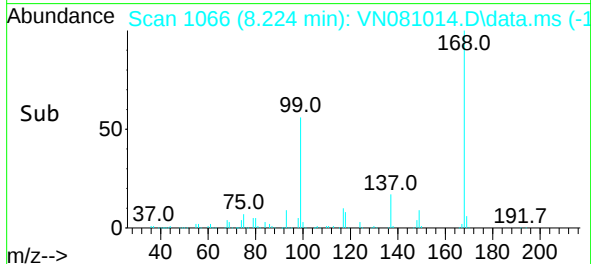
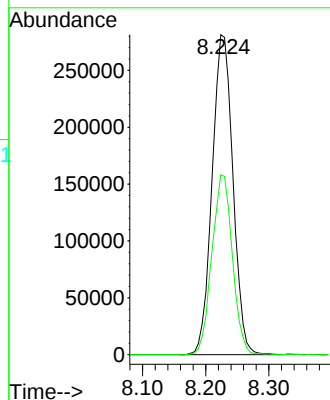
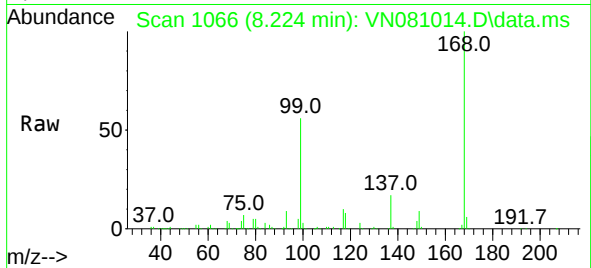




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

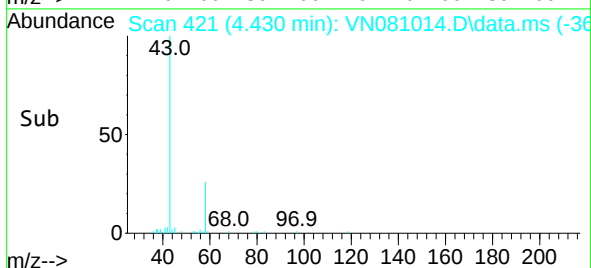
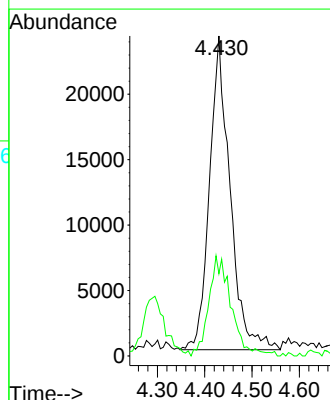
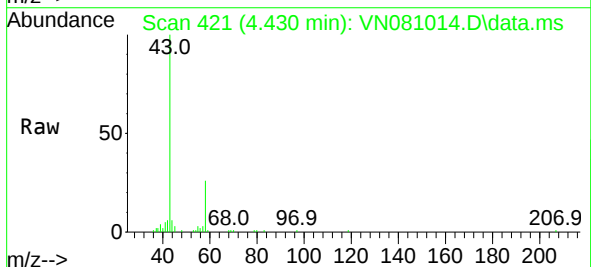
Instrument :
MSVOA_N
ClientSampleId :
PB158913TB

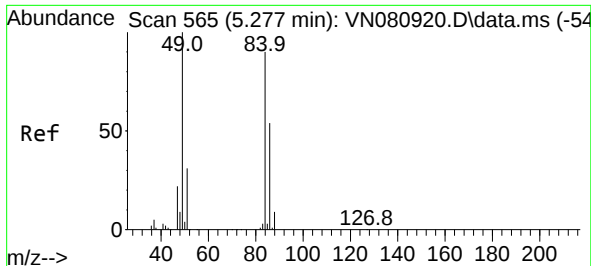
Tgt Ion:168 Resp: 643746
Ion Ratio Lower Upper
168 100
99 56.2 59.9 89.9#



#16
Acetone
Concen: 27.086 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

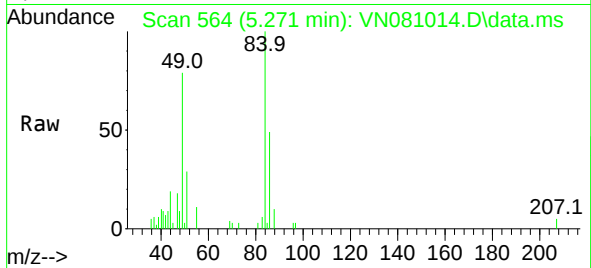
Tgt Ion: 43 Resp: 72367
Ion Ratio Lower Upper
43 100
58 26.2 24.8 37.2



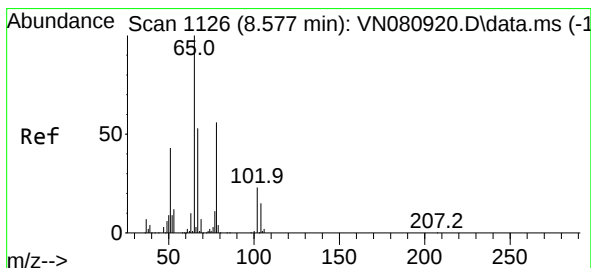
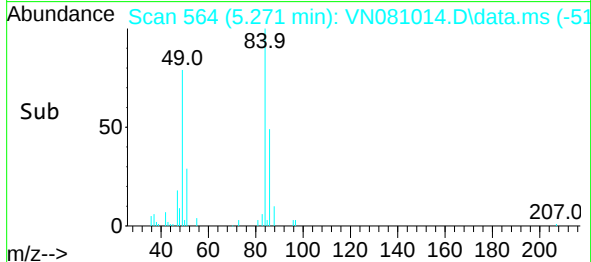
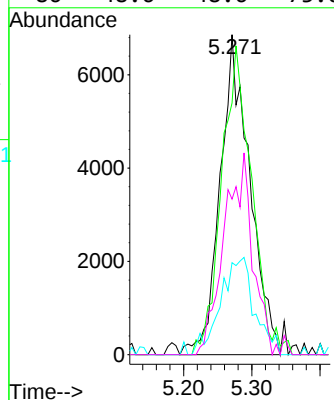


#20
Methylene Chloride
Concen: 2.564 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB158913TB

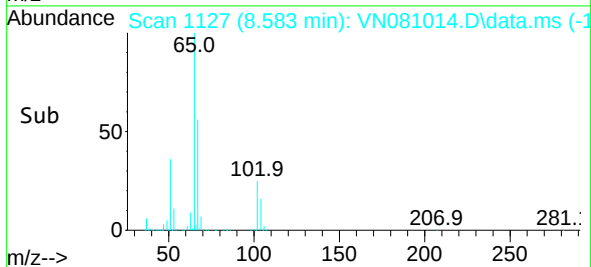
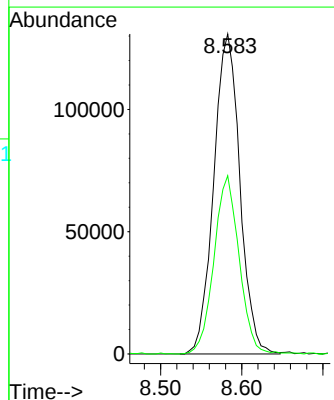
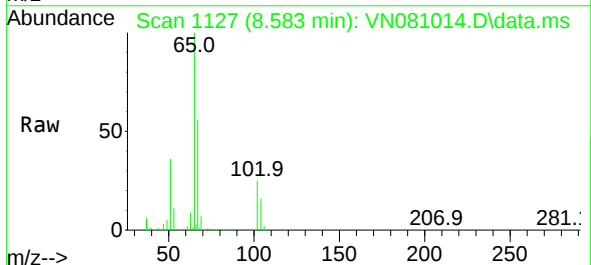


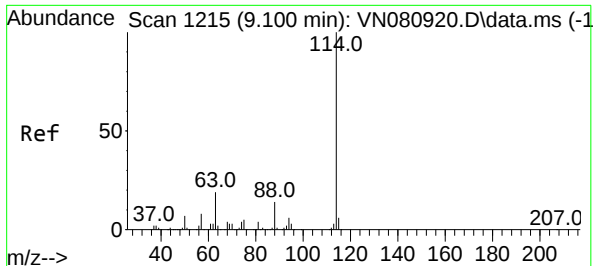
Tgt Ion: 84 Resp: 20753
Ion Ratio Lower Upper
84 100
49 78.6 108.1 162.1#
51 28.8 32.9 49.3#
86 48.6 48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 36.084 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Tgt Ion: 65 Resp: 293032
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.4

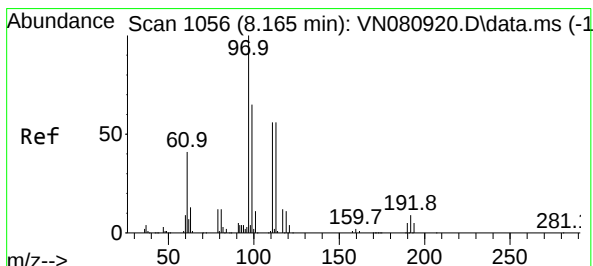
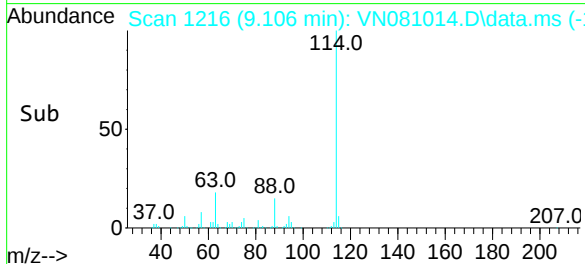
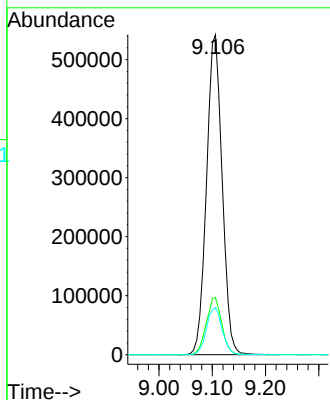
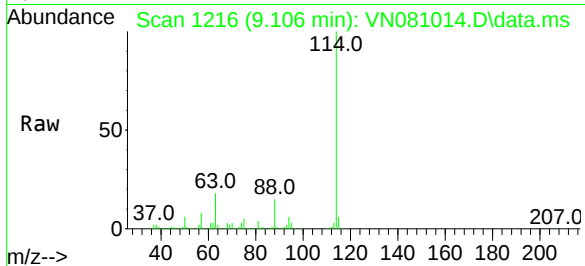




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

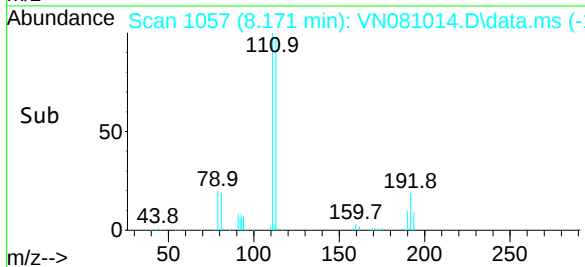
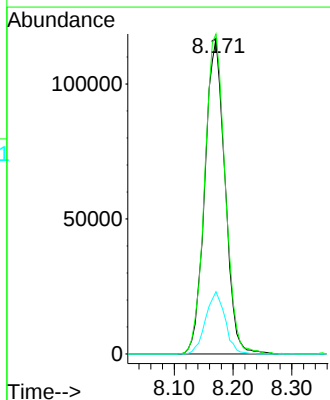
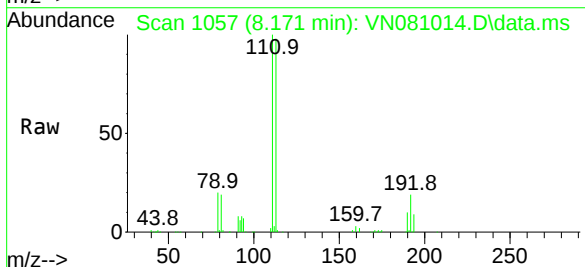
Instrument :
MSVOA_N
ClientSampleId :
PB158913TB

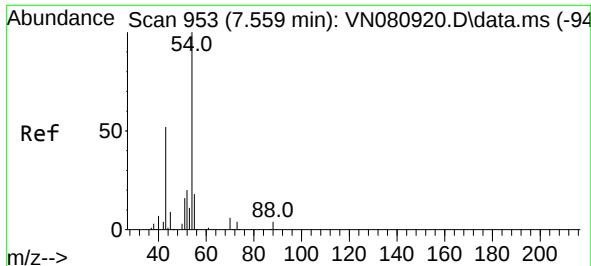
Tgt Ion:114 Resp: 1104189
Ion Ratio Lower Upper
114 100
63 17.9 0.0 48.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 46.827 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Tgt Ion:113 Resp: 277453
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.1 12.5 18.7#

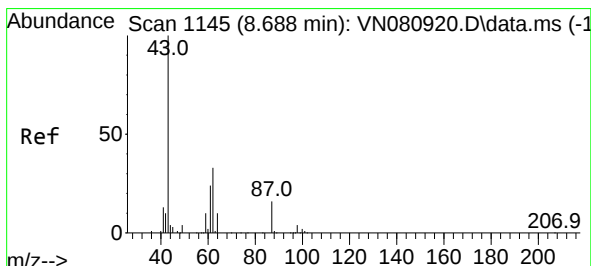
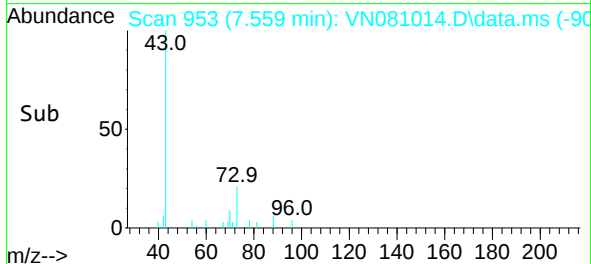
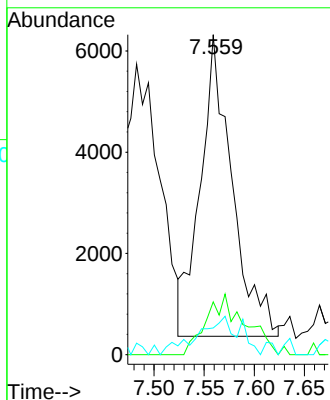
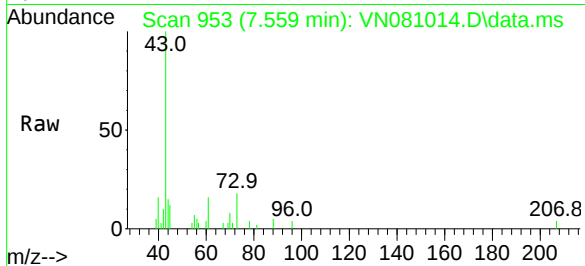




#37
Ethyl Acetate
Concen: 1.971 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

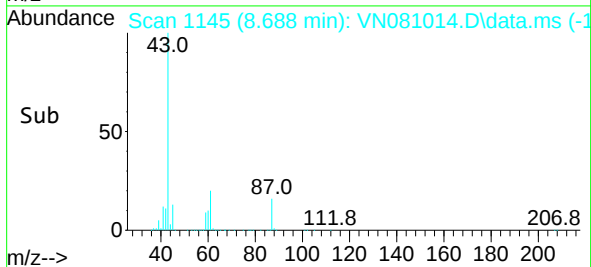
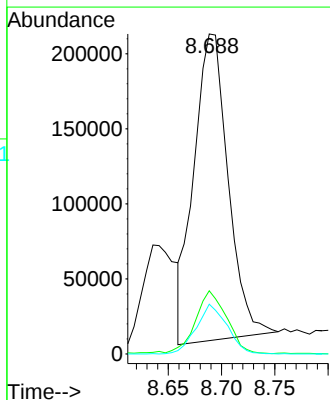
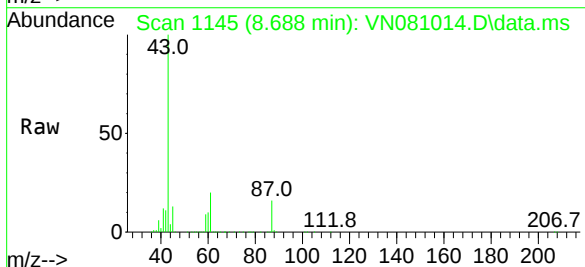
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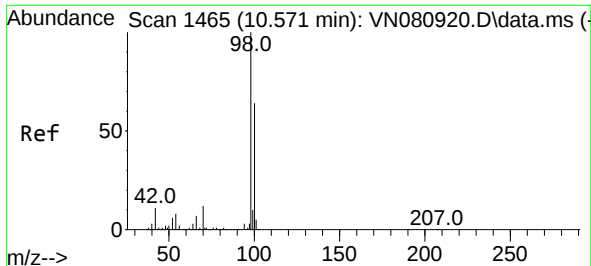
Tgt Ion: 43 Resp: 13143
Ion Ratio Lower Upper
43 100
61 9.7 10.6 15.8#
70 14.1 8.0 12.0#



#43
Isopropyl Acetate
Concen: 37.224 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Tgt Ion: 43 Resp: 456535
Ion Ratio Lower Upper
43 100
61 19.1 19.9 29.9#
87 14.6 9.0 13.6#

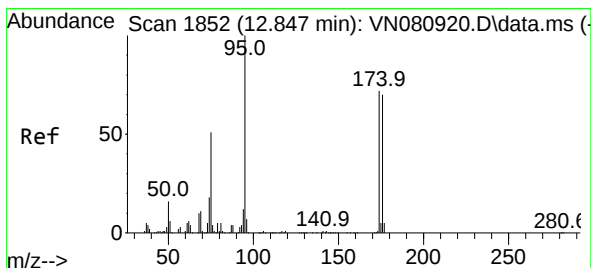
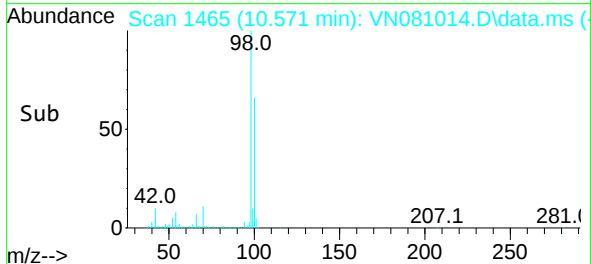
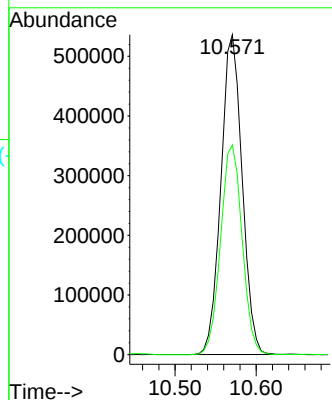
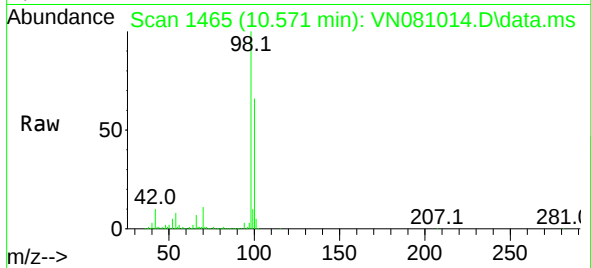




#50
Toluene-d8
Concen: 45.461 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

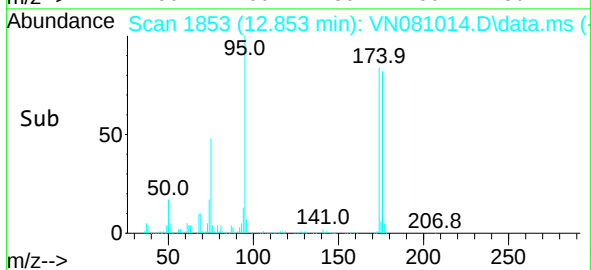
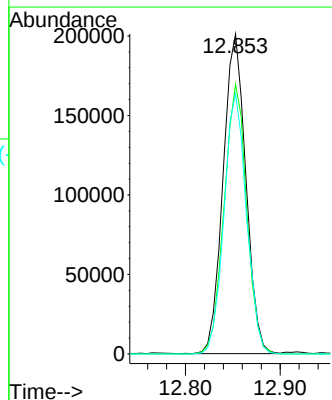
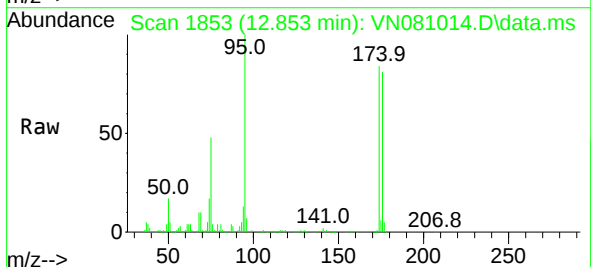
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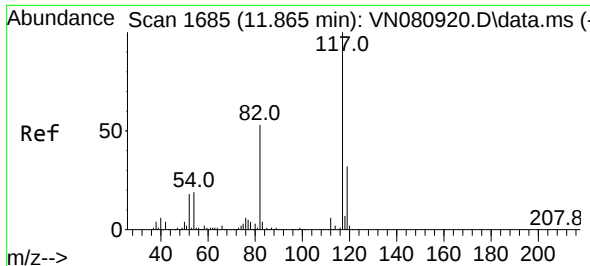
Tgt Ion: 98 Resp: 974297
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.045 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Tgt Ion: 95 Resp: 335132
Ion Ratio Lower Upper
95 100
174 83.7 0.0 120.4
176 80.3 0.0 121.0

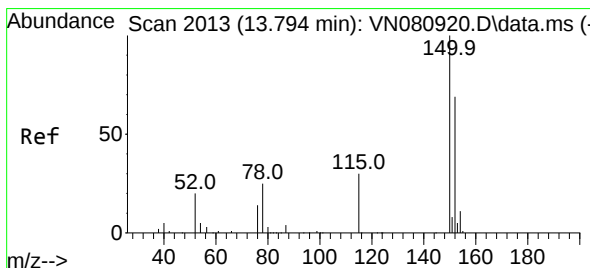
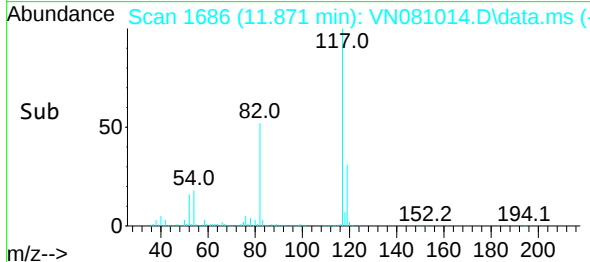
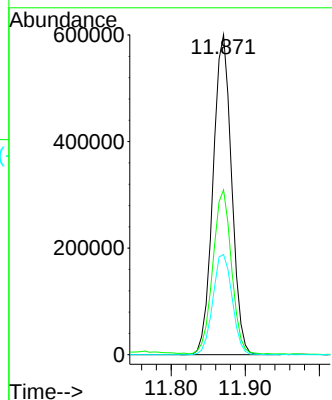
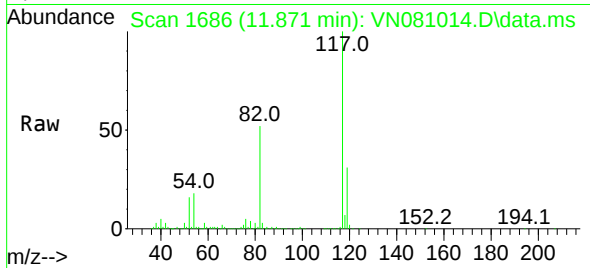




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1041573
Ion Ratio Lower Upper
117 100
82 51.2 52.7 79.1#
119 31.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081014.D
Acq: 12 Feb 2024 19:32

Tgt Ion:152 Resp: 434887
Ion Ratio Lower Upper
152 100
115 58.1 32.3 96.8
150 156.1 0.0 339.8

