

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082173.D
 Acq On : 16 May 2024 19:42
 Operator : JC\MD
 Sample : P2497-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 280856

Quant Time: May 17 05:07:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

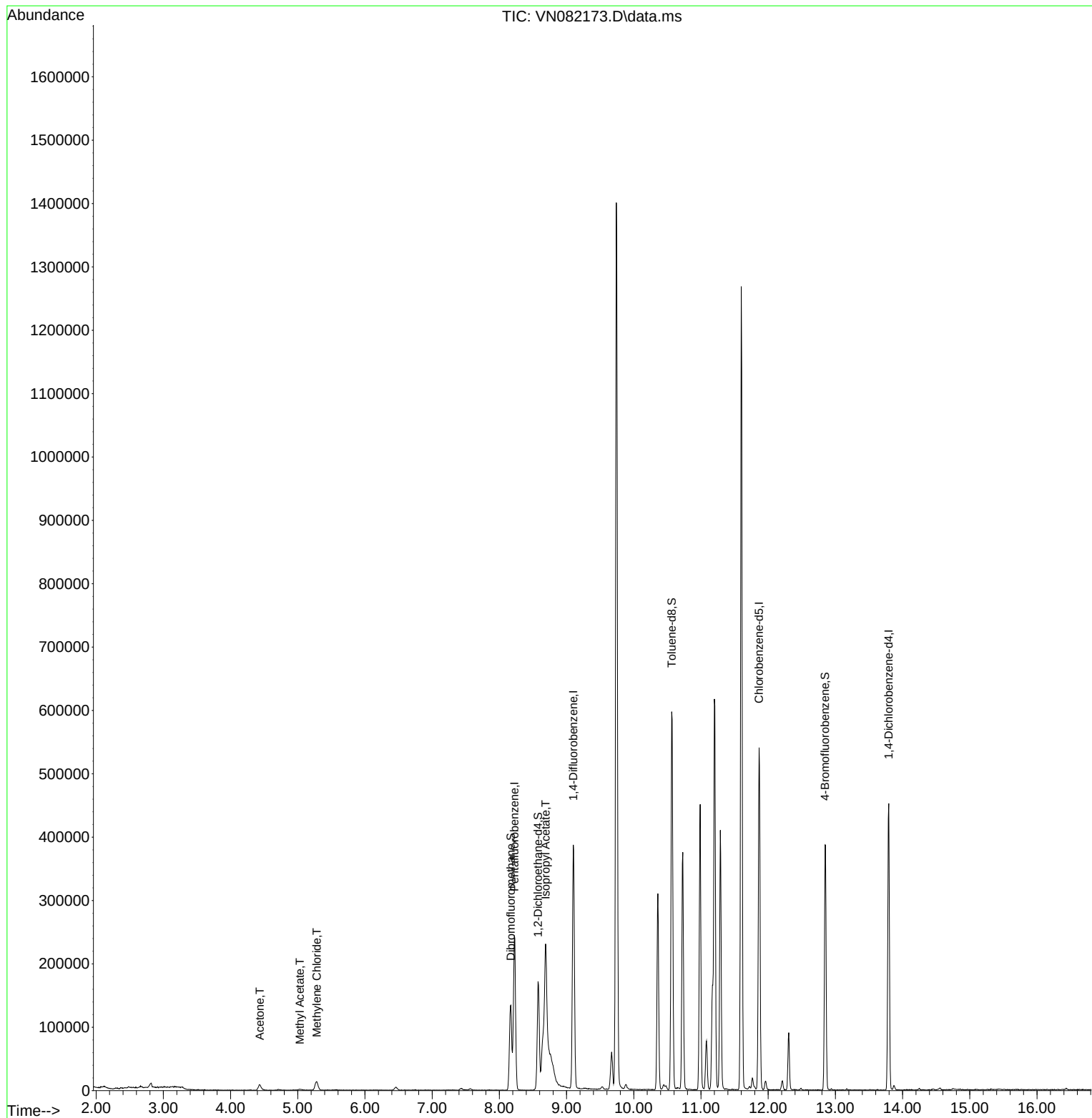
Internal Standards						
1) Pentafluorobenzene	8.224	168	168275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142144	53.496	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.000%		
35) Dibromofluoromethane	8.171	113	94824	50.818	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.640%		
50) Toluene-d8	10.565	98	389297	54.417	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.840%		
62) 4-Bromofluorobenzene	12.847	95	125582	49.182	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 98.360%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	17985	16.500	ug/l	93
18) Methyl Acetate	5.030	43	3748	1.381	ug/l #	60
20) Methylene Chloride	5.283	84	9649	4.388	ug/l #	70
43) Isopropyl Acetate	8.688	43	467616	75.351	ug/l #	63

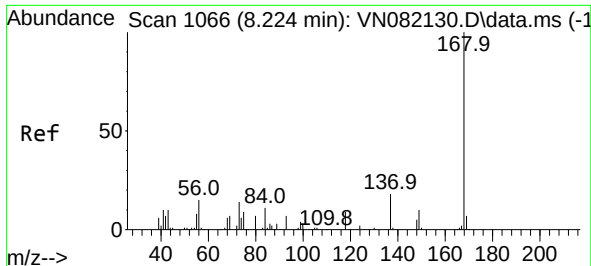
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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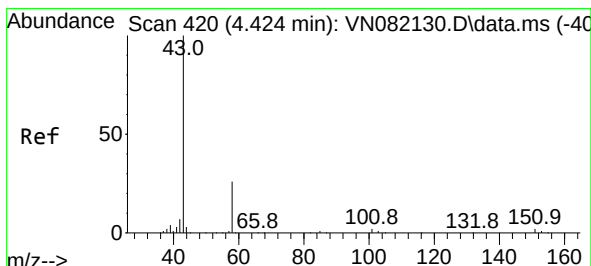
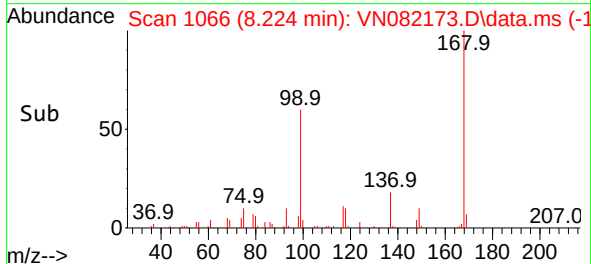
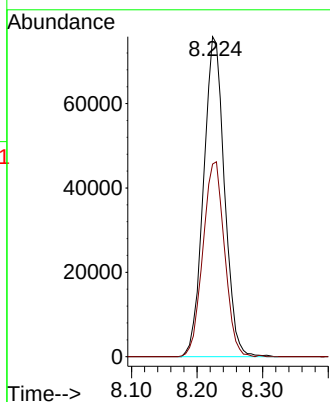
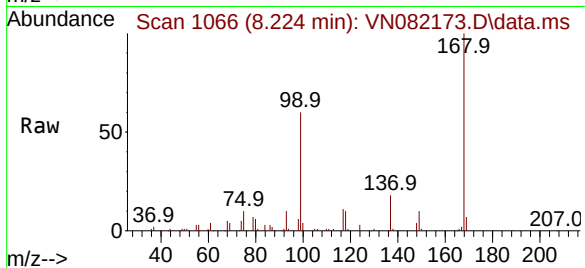




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

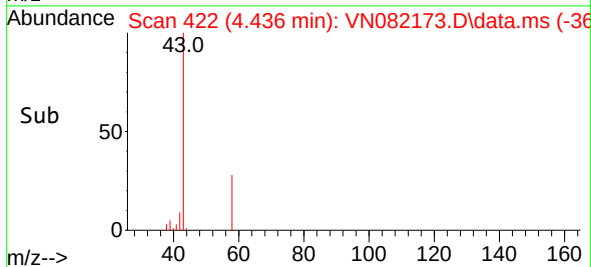
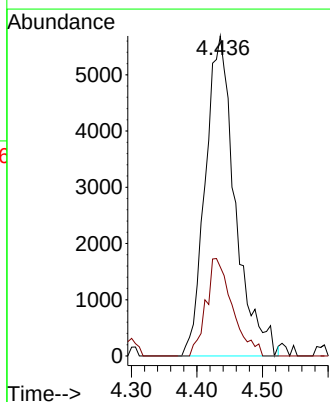
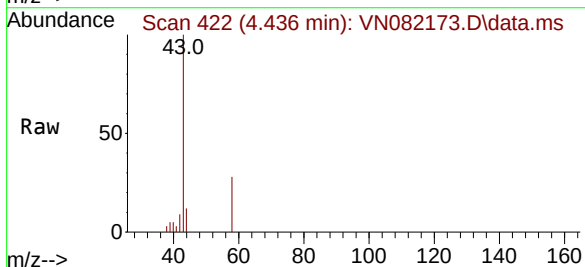
Instrument :
MSVOA_N
ClientSampleId :
280856

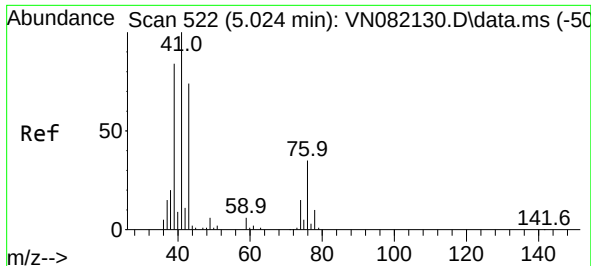
Tgt Ion:168 Resp: 168275
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#16
Acetone
Concen: 16.500 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

Tgt Ion: 43 Resp: 17985
Ion Ratio Lower Upper
43 100
58 27.8 25.2 37.8

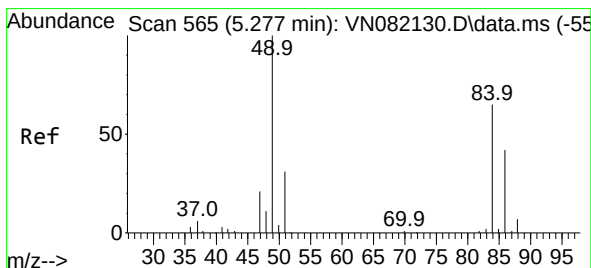
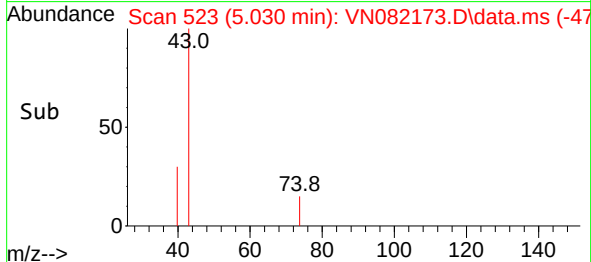
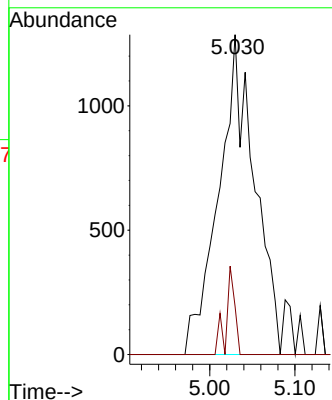
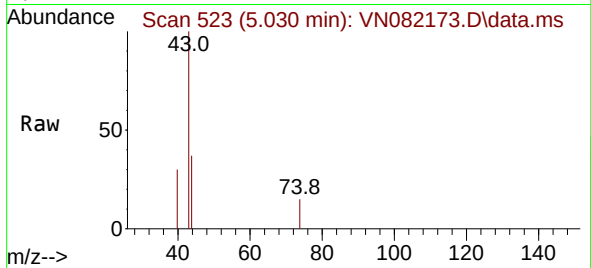




#18
Methyl Acetate
Concen: 1.381 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

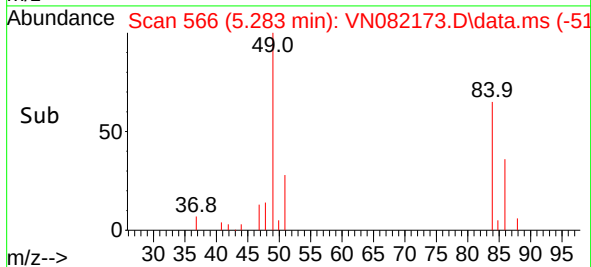
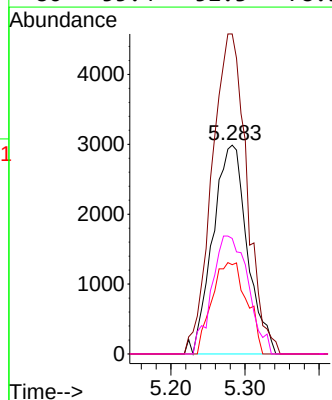
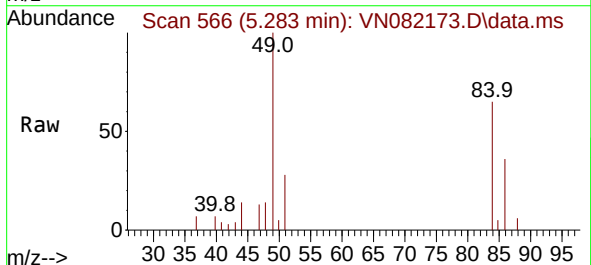
Instrument :
MSVOA_N
ClientSampleId :
280856

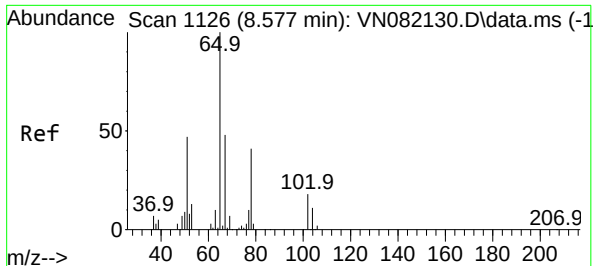
Tgt Ion: 43 Resp: 3748
Ion Ratio Lower Upper
43 100
74 6.7 22.2 33.2#



#20
Methylene Chloride
Concen: 4.388 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

Tgt Ion: 84 Resp: 9649
Ion Ratio Lower Upper
84 100
49 153.3 84.9 127.3#
51 42.8 27.0 40.6#
86 55.4 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 53.496 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082173.D

Acq: 16 May 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

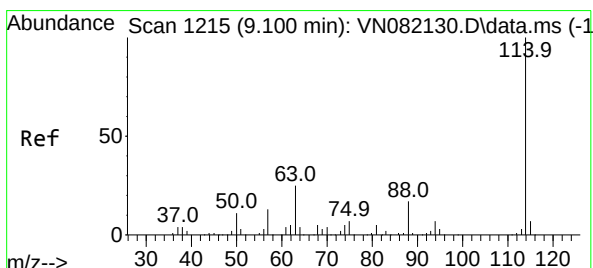
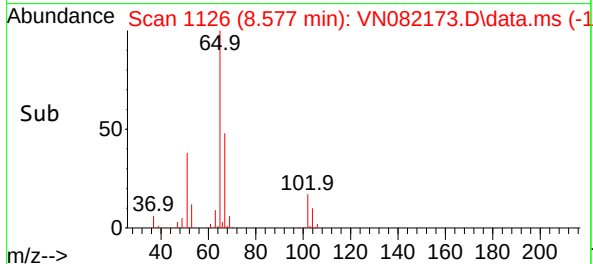
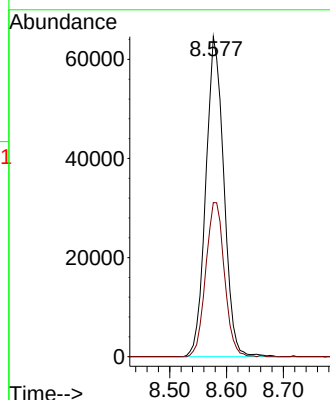
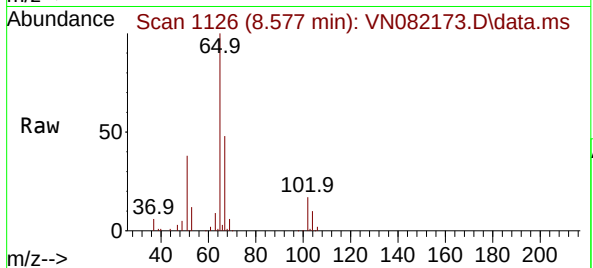
280856

Tgt Ion: 65 Resp: 142144

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082173.D

Acq: 16 May 2024 19:42

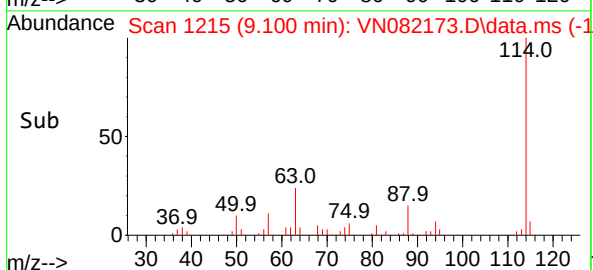
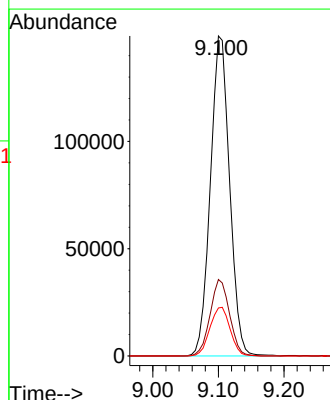
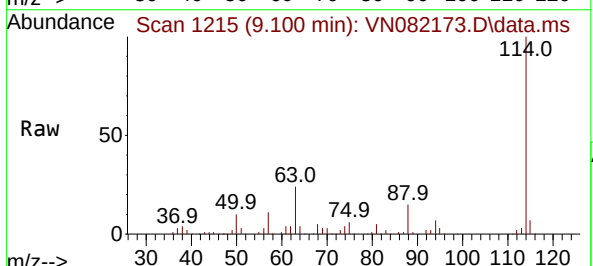
Tgt Ion: 114 Resp: 303330

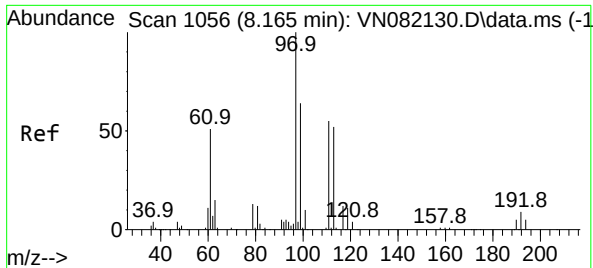
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 15.0 0.0 31.4

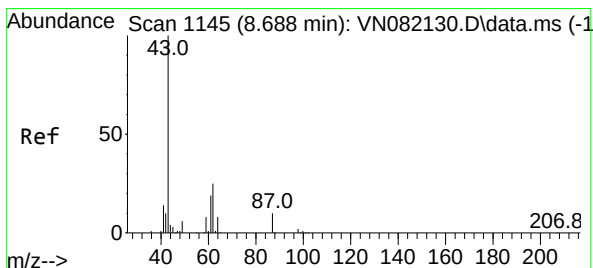
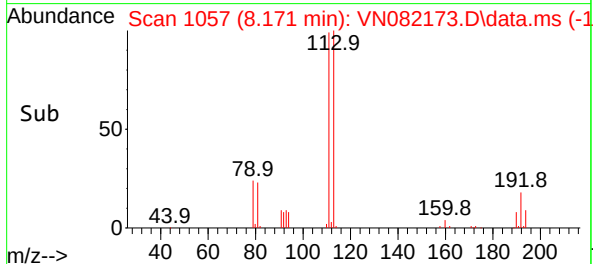
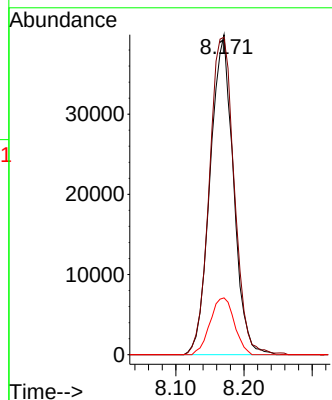
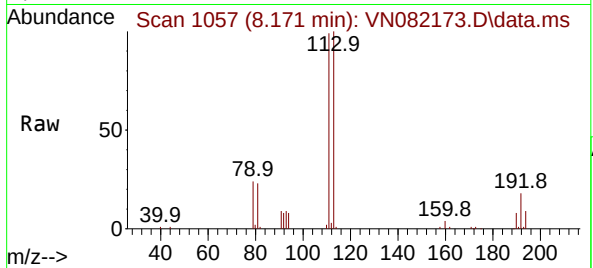




#35
Dibromofluoromethane
Concen: 50.818 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

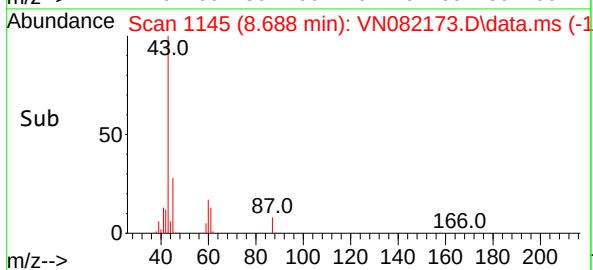
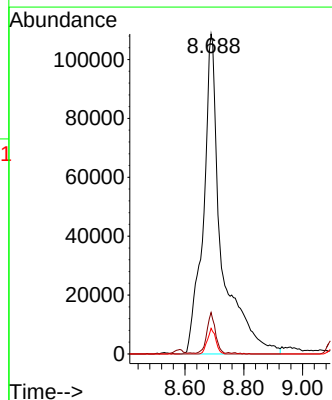
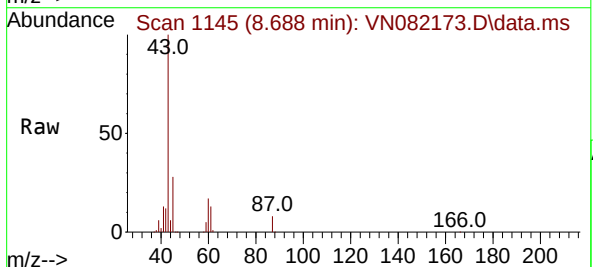
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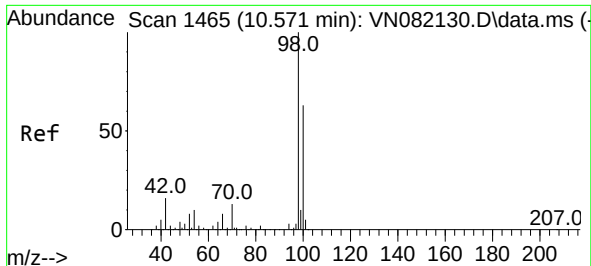
Tgt Ion:113 Resp: 94824
Ion Ratio Lower Upper
113 100
111 105.8 83.4 125.2
192 18.5 14.0 21.0



#43
Isopropyl Acetate
Concen: 75.351 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

Tgt Ion: 43 Resp: 467616
Ion Ratio Lower Upper
43 100
61 6.2 22.8 34.2#
87 3.7 12.0 18.0#

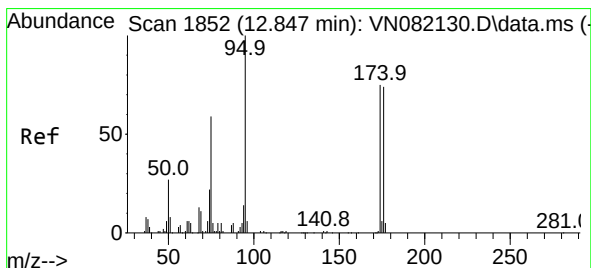
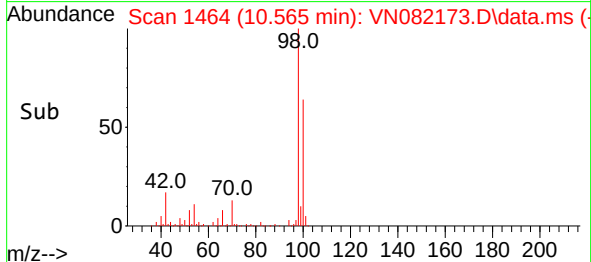
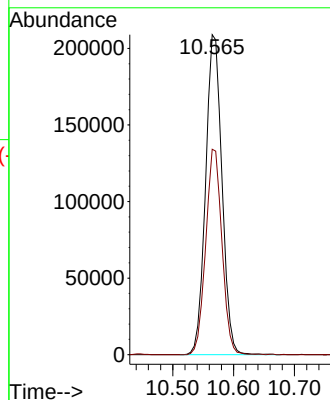
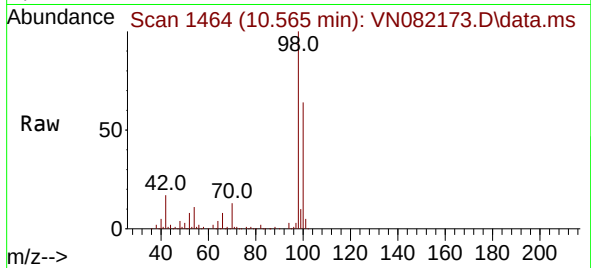




#50
Toluene-d8
Concen: 54.417 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

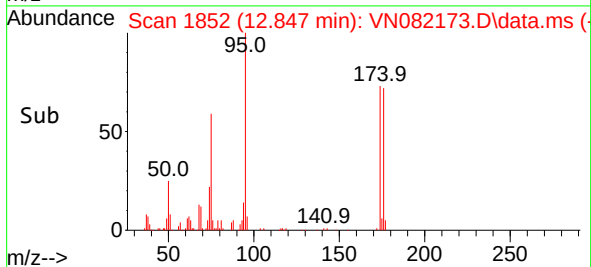
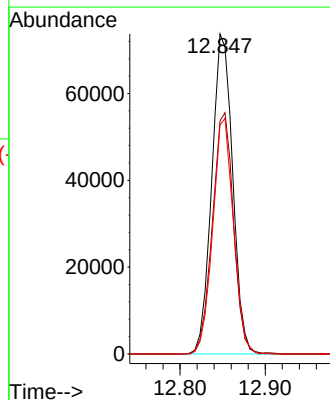
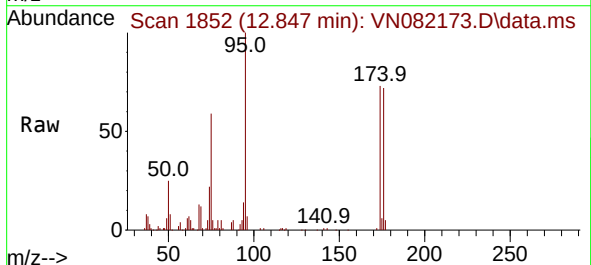
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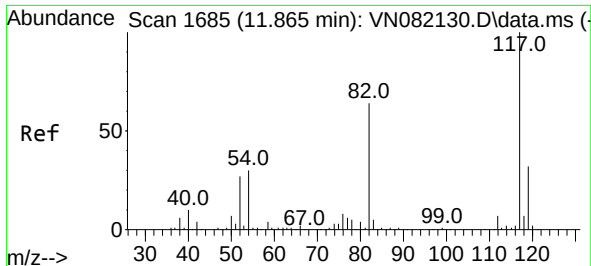
Tgt Ion: 98 Resp: 389297
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.182 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

Tgt Ion: 95 Resp: 125582
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 73.0 0.0 152.8

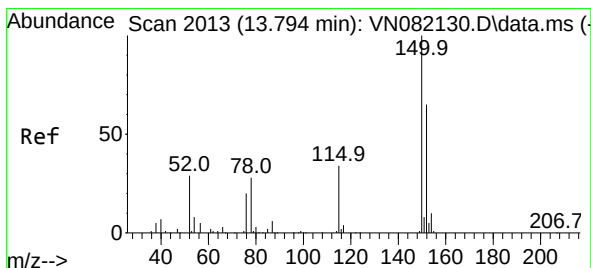
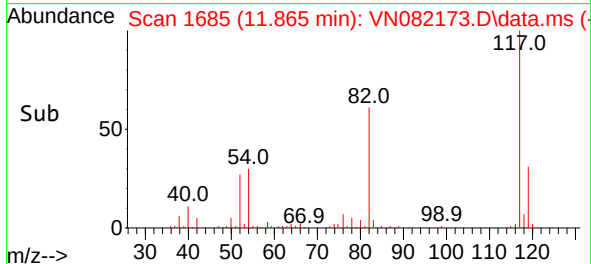
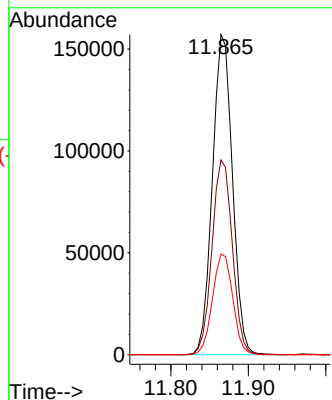
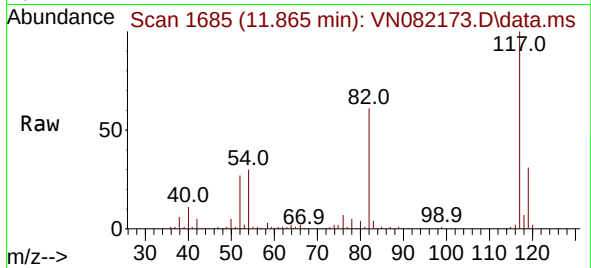




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

Instrument :
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Tgt Ion:117 Resp: 282061
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082173.D
Acq: 16 May 2024 19:42

Tgt Ion:152 Resp: 111719
Ion Ratio Lower Upper
152 100
115 63.1 30.4 91.3
150 160.5 0.0 353.2

