

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082057.D
 Acq On : 09 May 2024 17:46
 Operator : JC\MD
 Sample : P2413-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CC

Quant Time: May 10 03:54:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

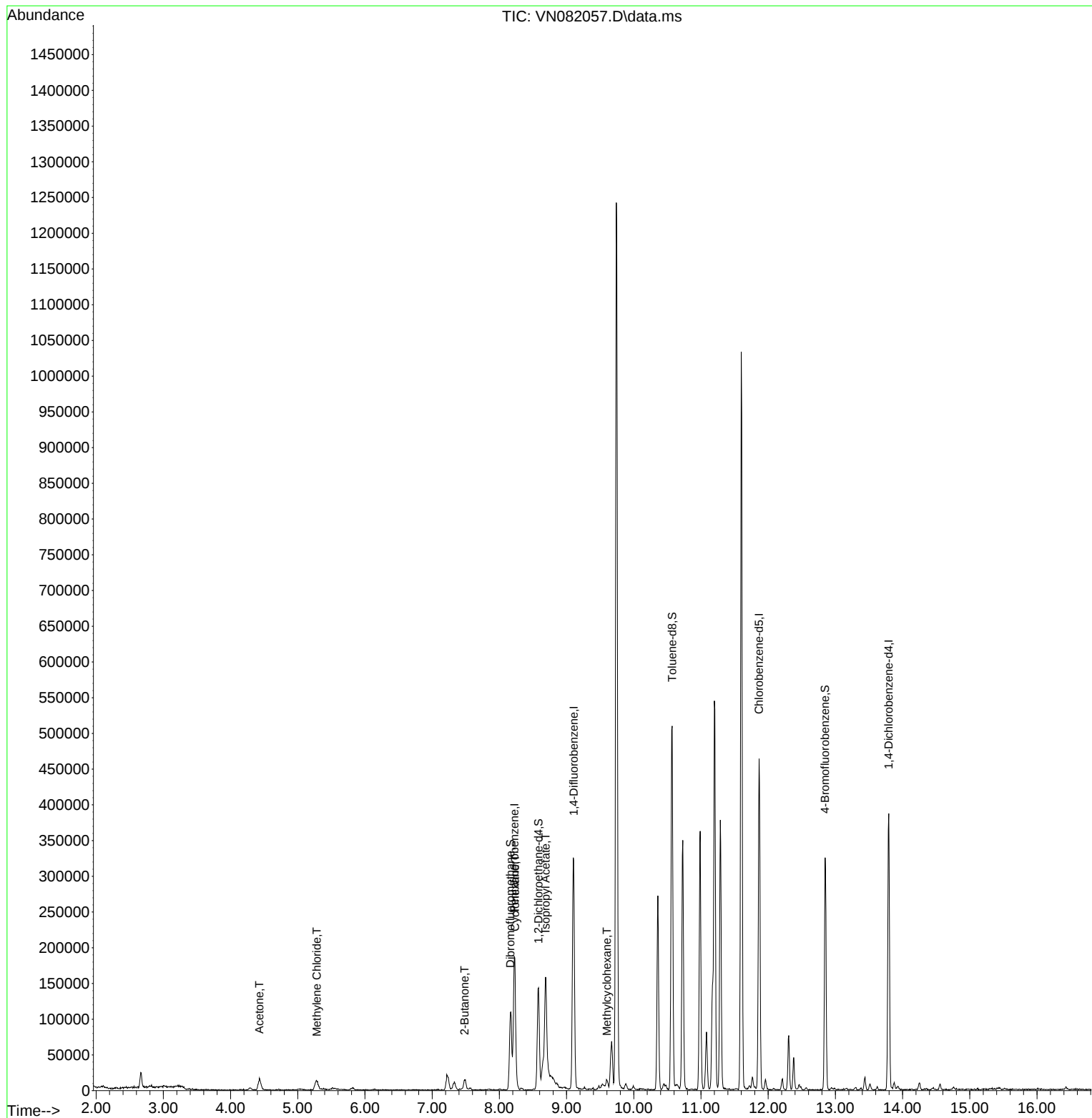
Internal Standards						
1) Pentafluorobenzene	8.224	168	118771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	268830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109880	54.816	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.640%	
35) Dibromofluoromethane	8.165	113	79016	48.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.640%	
50) Toluene-d8	10.571	98	342776	53.922	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.847	95	114463	45.550	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	28519	43.598	ug/l	# 87
20) Methylene Chloride	5.283	84	9042	5.263	ug/l	# 68
25) 2-Butanone	7.483	43	23999	21.094	ug/l	# 81
31) Cyclohexane	8.235	56	8207	2.718	ug/l	# 49
39) Methylcyclohexane	9.600	83	5651	1.767	ug/l	# 85
43) Isopropyl Acetate	8.688	43	222974	41.651	ug/l	# 75

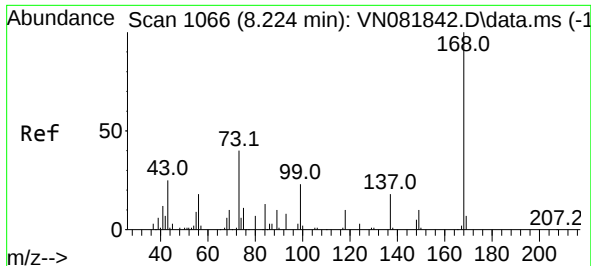
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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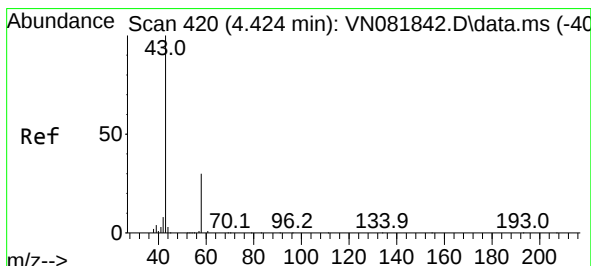
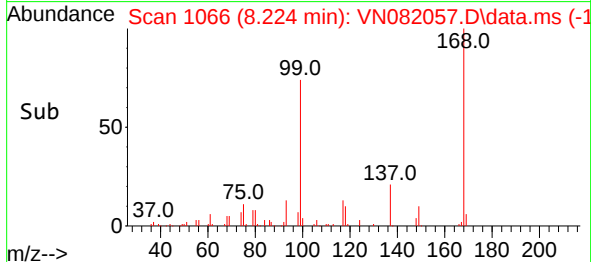
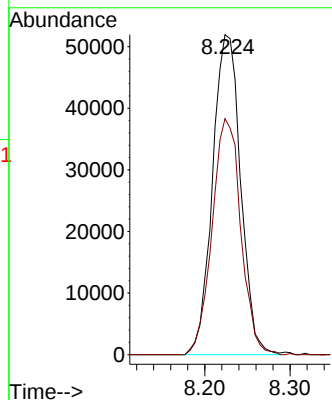
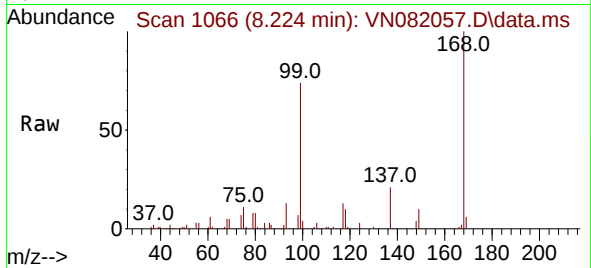




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

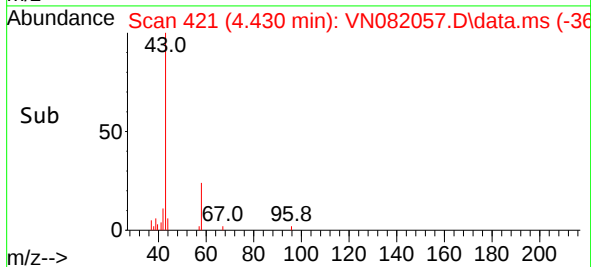
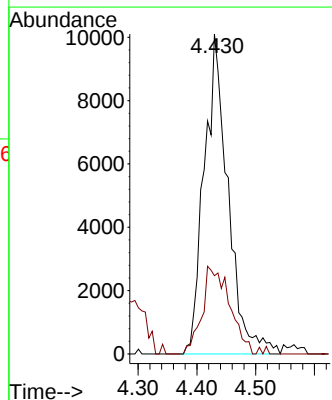
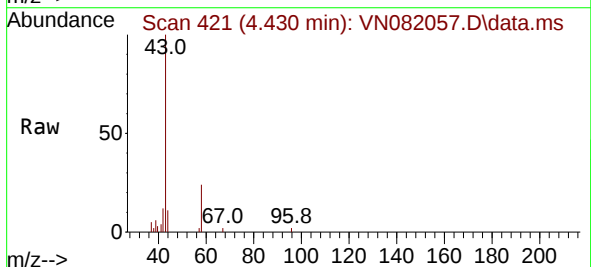
Instrument :
MSVOA_N
ClientSampleId :
WC-CC

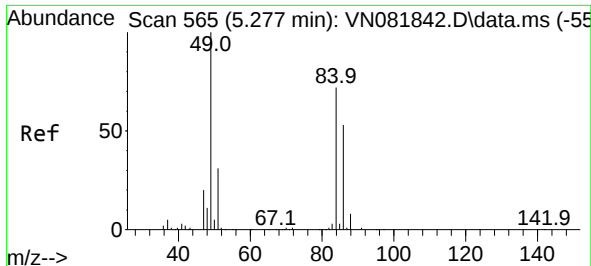
Tgt Ion:168 Resp: 118771
Ion Ratio Lower Upper
168 100
99 73.7 48.2 72.4#



#16
Acetone
Concen: 43.598 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

Tgt Ion: 43 Resp: 28519
Ion Ratio Lower Upper
43 100
58 24.4 25.2 37.8#

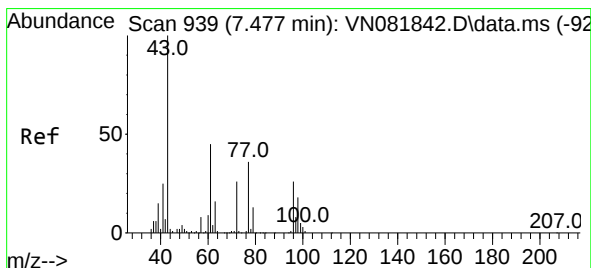
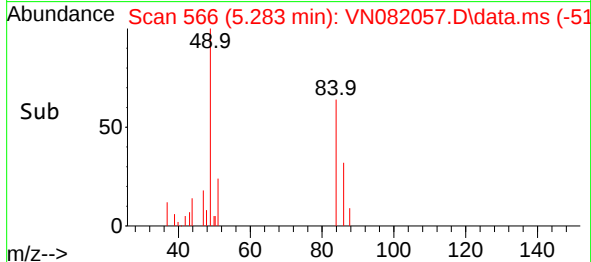
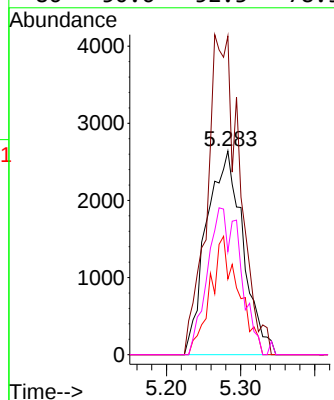
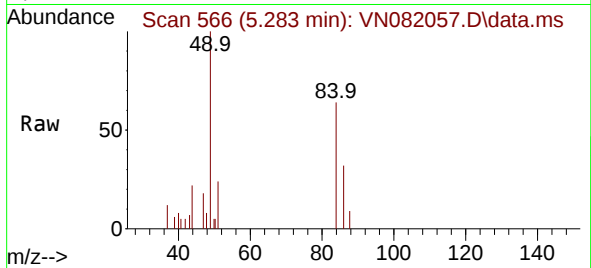




#20
Methylene Chloride
Concen: 5.263 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

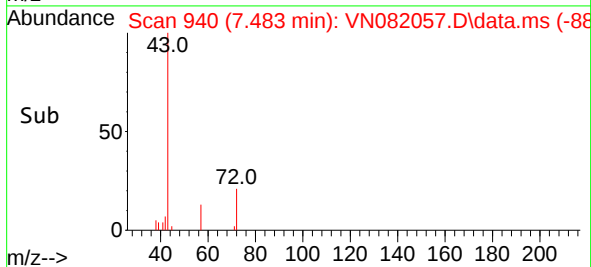
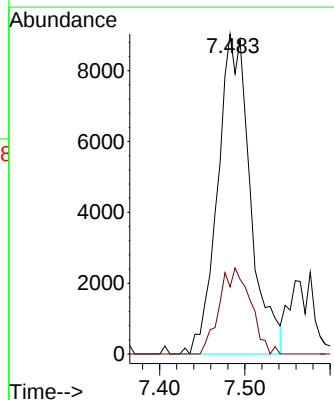
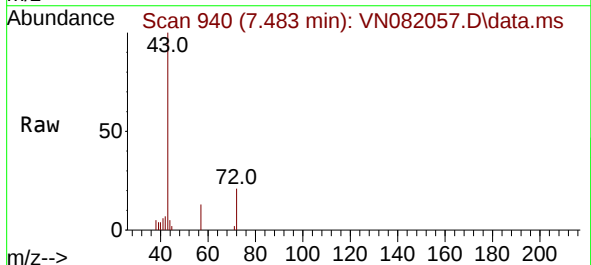
Instrument :
MSVOA_N
ClientSampleId :
WC-CC

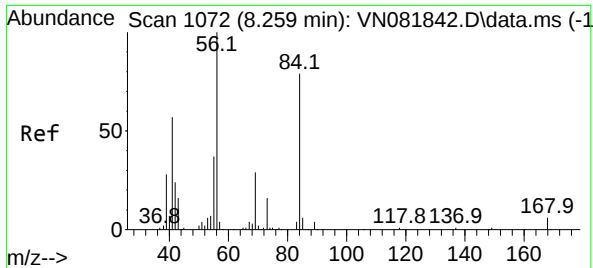
Tgt Ion:	84	Resp:	9042
Ion	Ratio	Lower	Upper
84	100		
49	156.4	84.9	127.3#
51	37.1	27.0	40.6
86	50.6	52.3	78.5#



#25
2-Butanone
Concen: 21.094 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

Tgt Ion:	43	Resp:	23999
Ion	Ratio	Lower	Upper
43	100		
72	21.0	25.3	37.9#

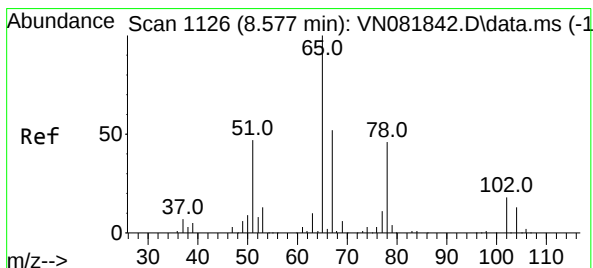
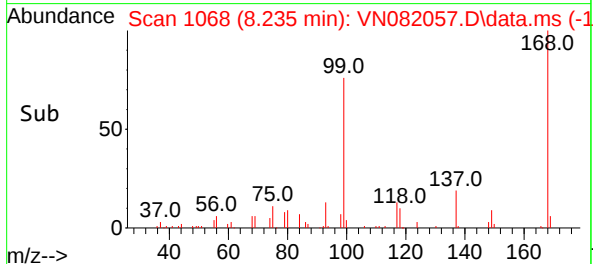
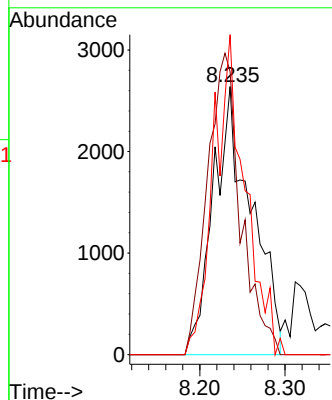
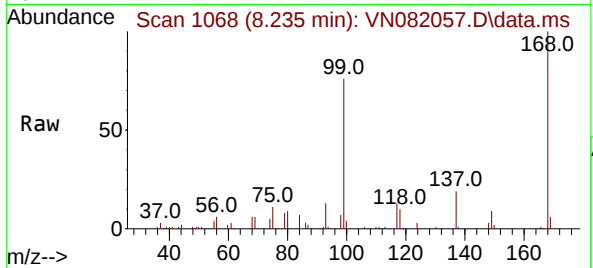




#31
Cyclohexane
Concen: 2.718 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

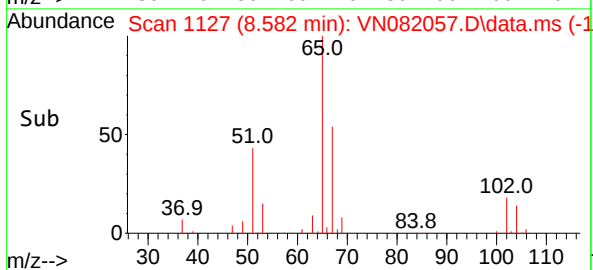
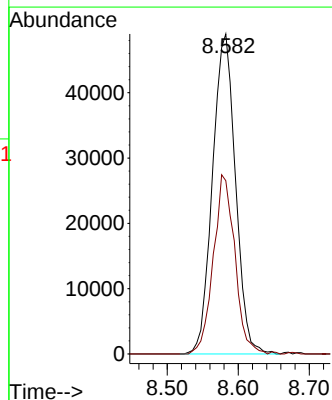
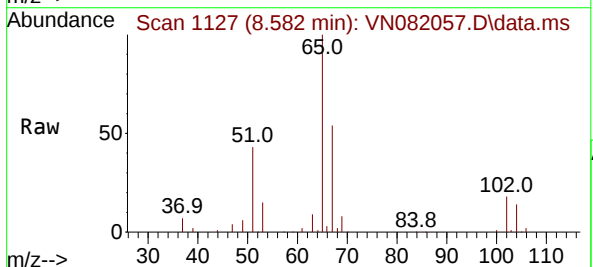
Instrument :
MSVOA_N
ClientSampleId :
WC-CC

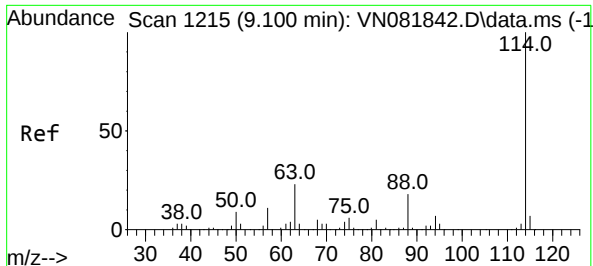
Tgt Ion: 56 Resp: 8207
Ion Ratio Lower Upper
56 100
69 105.5 24.4 36.6#
84 119.3 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 54.816 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

Tgt Ion: 65 Resp: 109880
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082057.D

Acq: 09 May 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

WC-CC

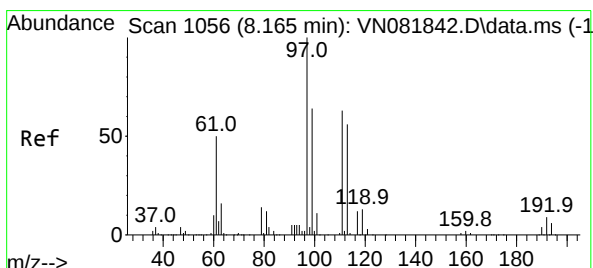
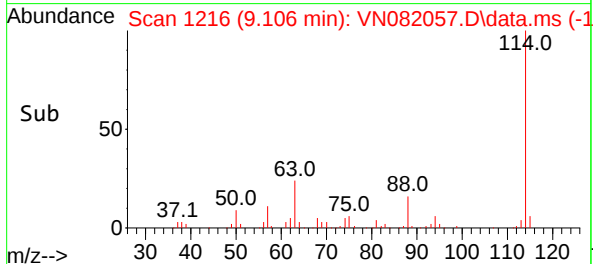
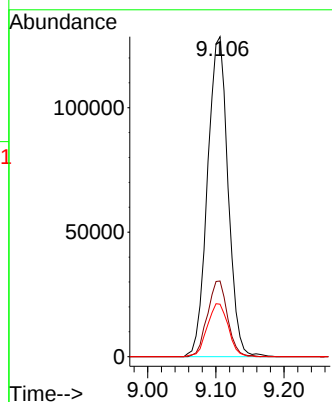
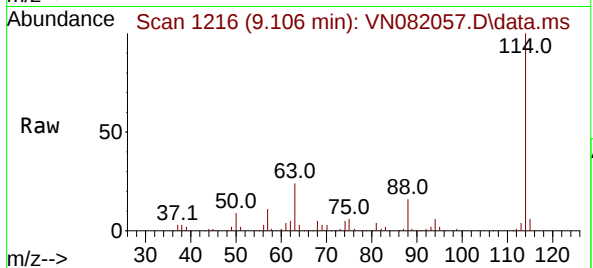
Tgt Ion:114 Resp: 268830

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.818 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082057.D

Acq: 09 May 2024 17:46

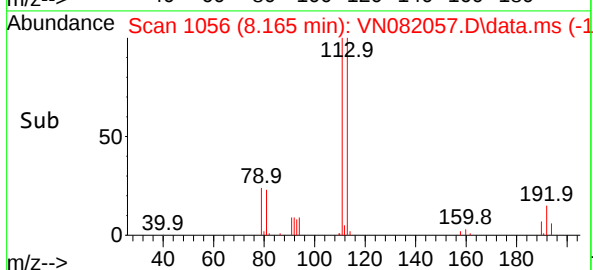
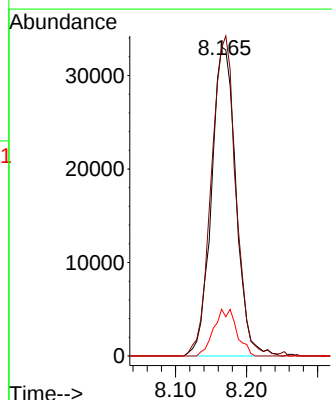
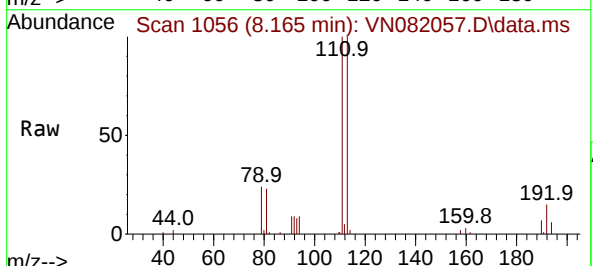
Tgt Ion:113 Resp: 79016

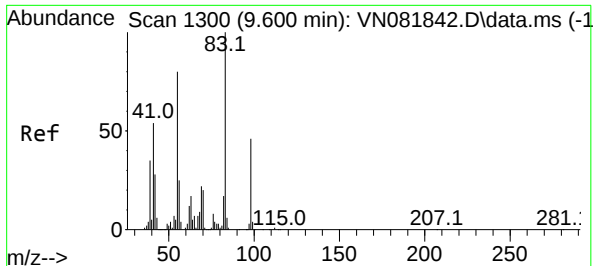
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 14.2 14.0 21.0





#39

Methylcyclohexane

Concen: 1.767 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082057.D

Acq: 09 May 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

WC-CC

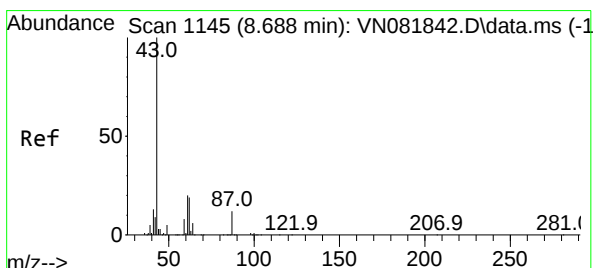
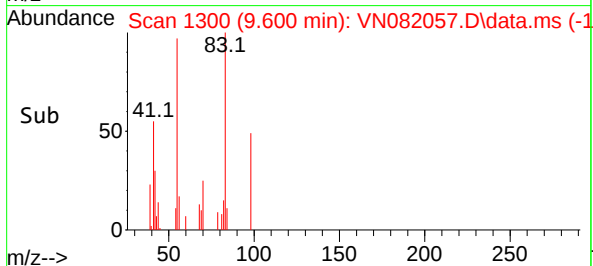
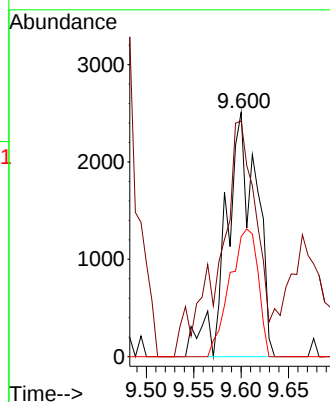
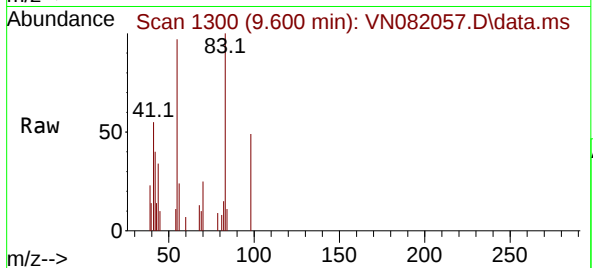
Tgt Ion: 83 Resp: 5651

Ion Ratio Lower Upper

83 100

55 84.4 53.0 79.6#

98 49.2 37.1 55.7



#43

Isopropyl Acetate

Concen: 41.651 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082057.D

Acq: 09 May 2024 17:46

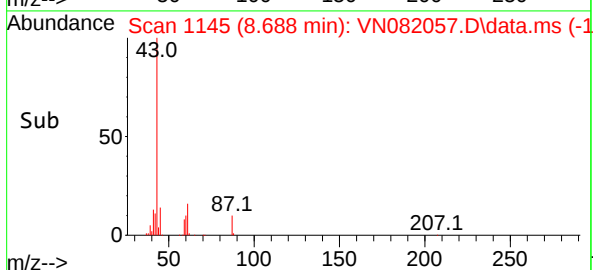
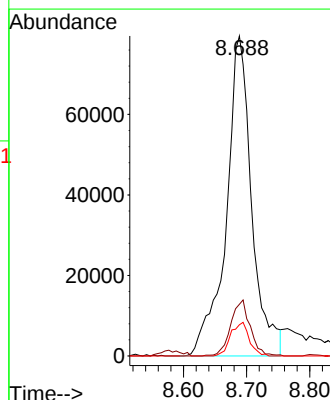
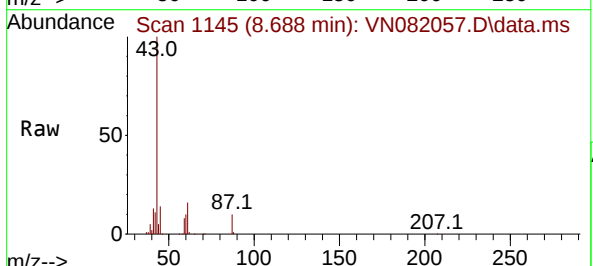
Tgt Ion: 43 Resp: 222974

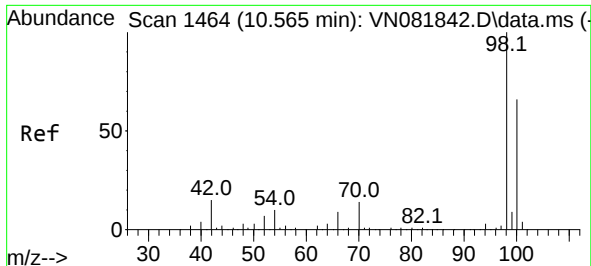
Ion Ratio Lower Upper

43 100

61 13.4 22.8 34.2#

87 7.6 12.0 18.0#

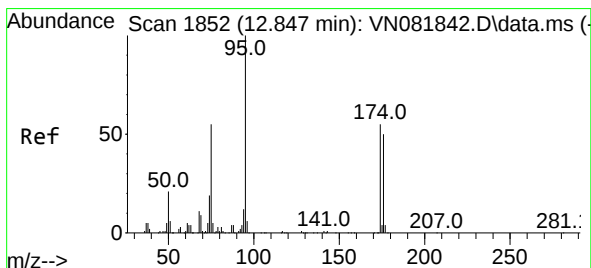
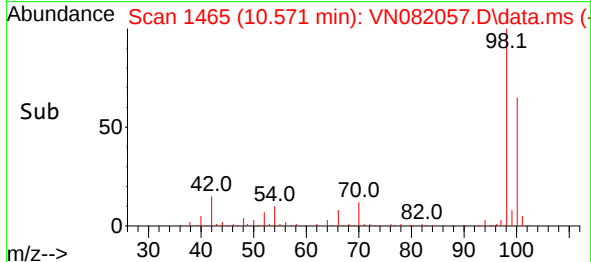
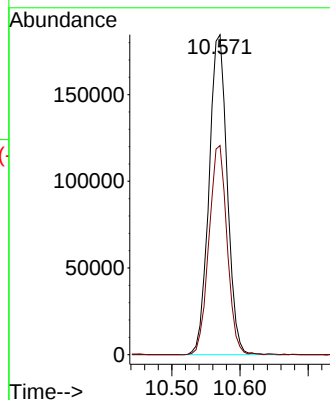
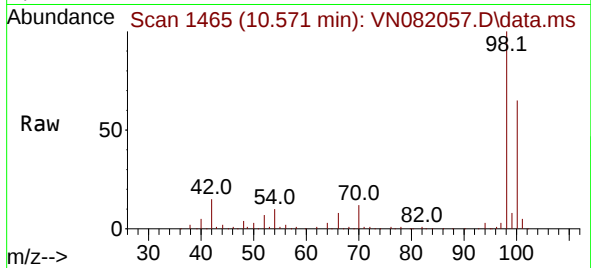




#50
Toluene-d8
Concen: 53.922 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

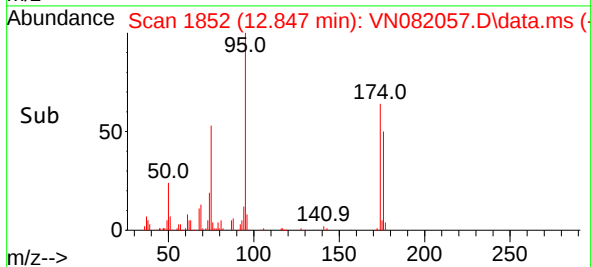
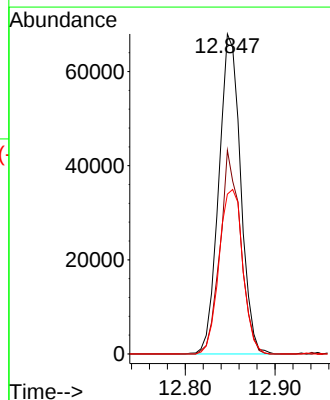
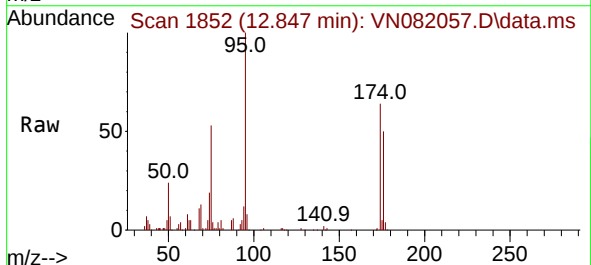
Instrument :
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ClientSampleId :
WC-CC

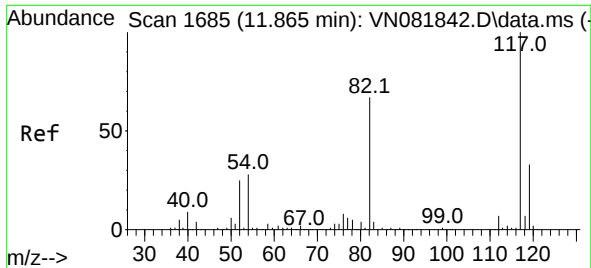
Tgt Ion: 98 Resp: 342776
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

Tgt Ion: 95 Resp: 114463
Ion Ratio Lower Upper
95 100
174 60.1 0.0 160.6
176 56.0 0.0 152.8

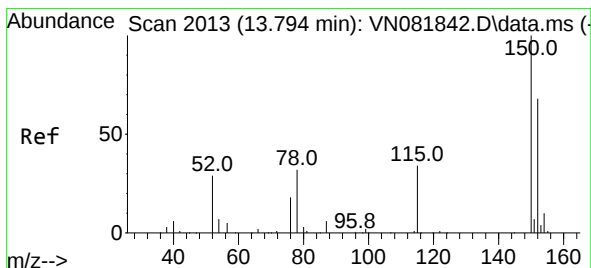
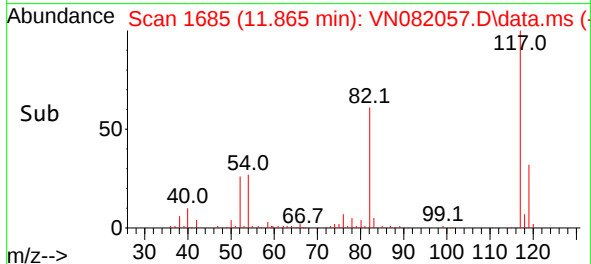
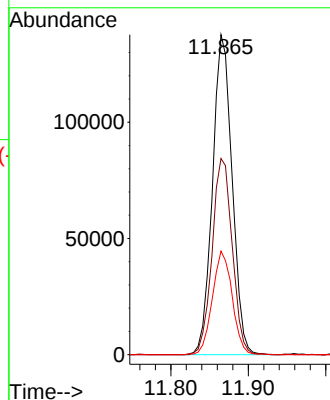
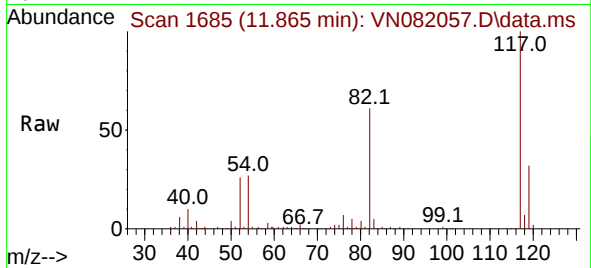




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :
WC-CC

Tgt Ion:117 Resp: 241921
Ion Ratio Lower Upper
117 100
82 61.3 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# 2013
Delta R.T. 0.000 min
Lab File: VN082057.D
Acq: 09 May 2024 17:46

Tgt Ion:152 Resp: 92953
Ion Ratio Lower Upper
152 100
115 64.2 30.4 91.3
150 160.0 0.0 353.2

