

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082404.D
 Acq On : 31 May 2024 13:33
 Operator : JC\MD
 Sample : PB161190ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#02

Quant Time: May 31 22:57:08 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)

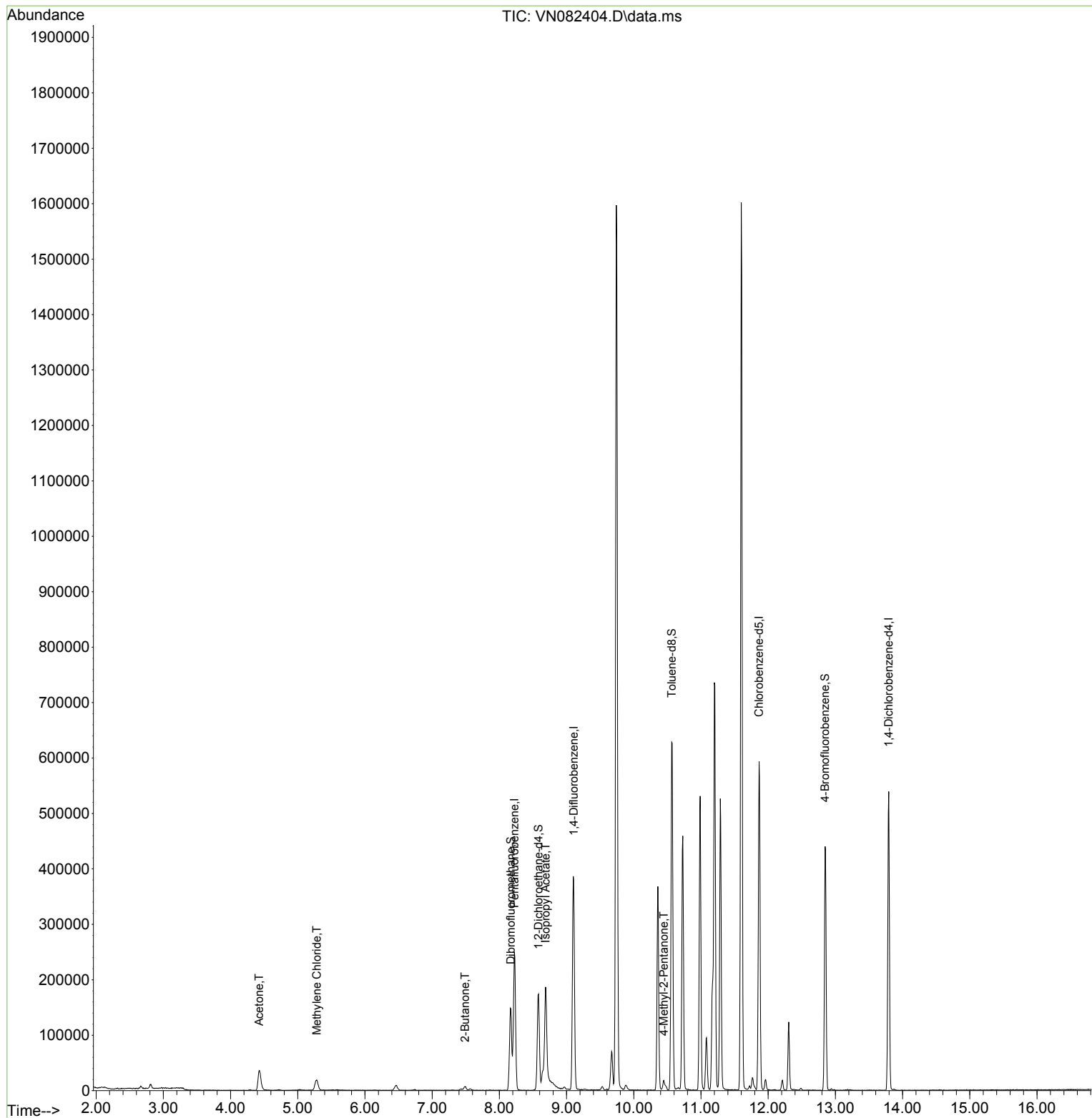
Internal Standards						
1) Pentafluorobenzene	8.224	168	172039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145240	53.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.940%	
35) Dibromofluoromethane	8.171	113	103509	53.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.760%	
50) Toluene-d8	10.565	98	412339	55.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.847	95	143163	54.459	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	72291	64.871	ug/l	93
20) Methylene Chloride	5.283	84	14107	6.274	ug/l #	89
25) 2-Butanone	7.489	43	12074	7.146	ug/l #	76
43) Isopropyl Acetate	8.688	43	263237	41.200	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	19500	5.372	ug/l #	71

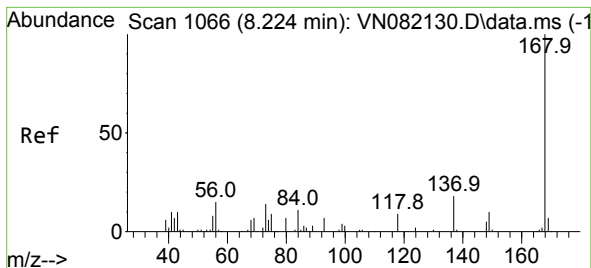
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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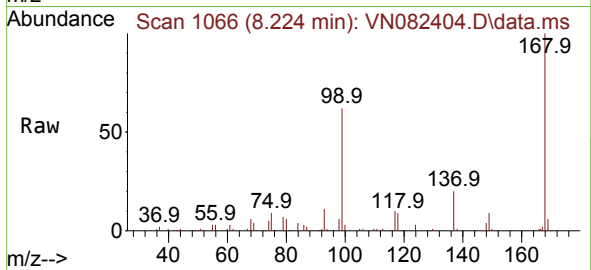
Quant Time: May 31 22:57:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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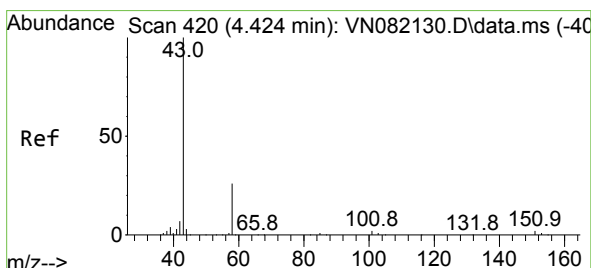
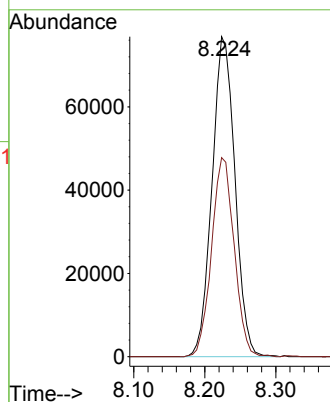
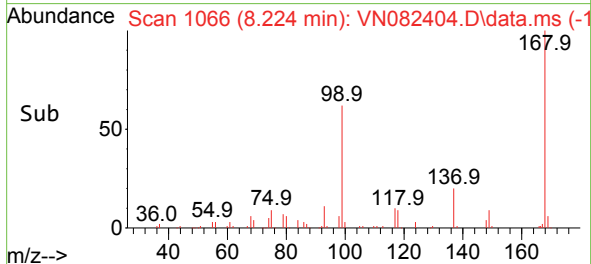


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#02

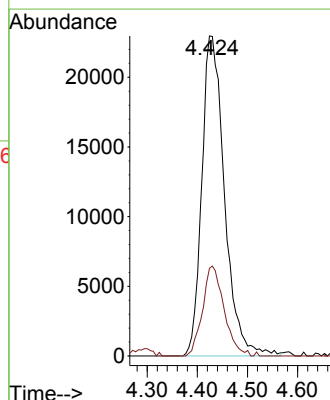
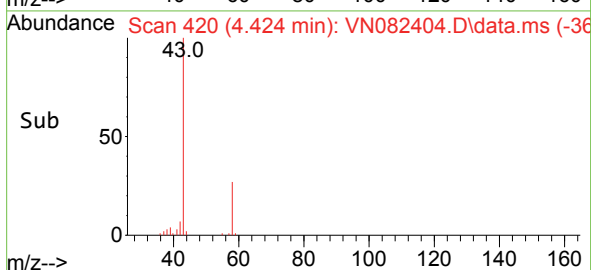
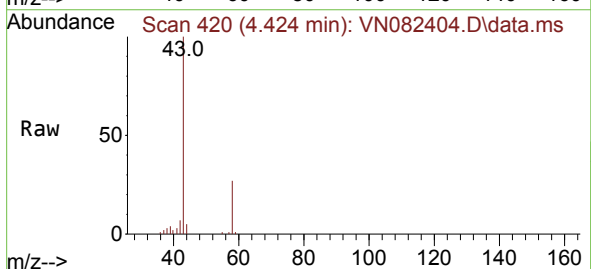


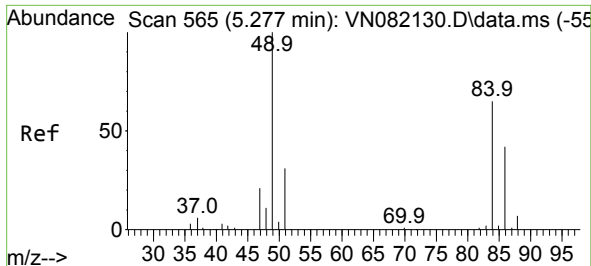
Tgt Ion:168 Resp: 172039
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#16
Acetone
Concen: 64.871 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

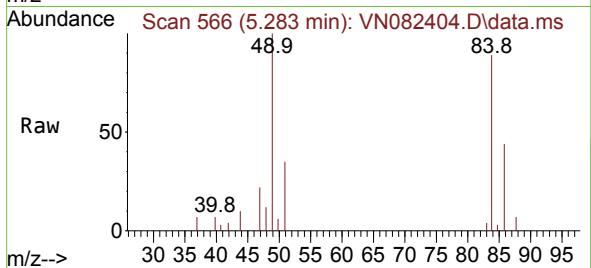
Tgt Ion: 43 Resp: 72291
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8



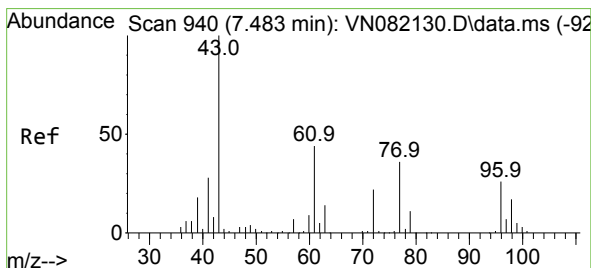
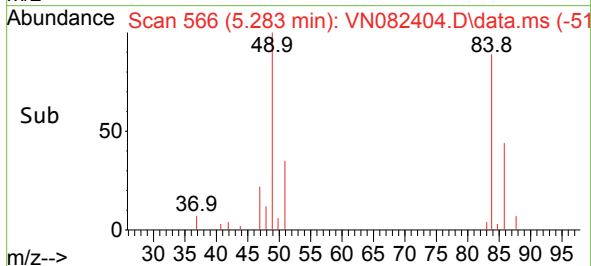
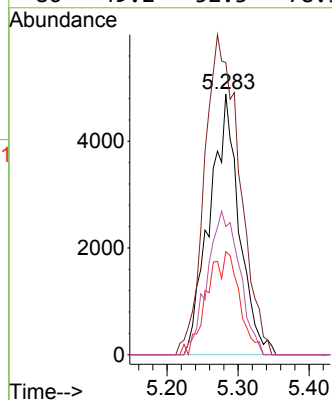


#20
Methylene Chloride
Concen: 6.274 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

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PB161190ZHE#02

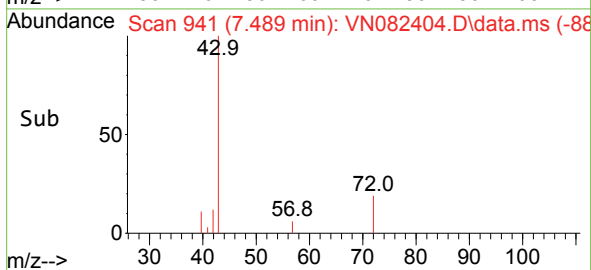
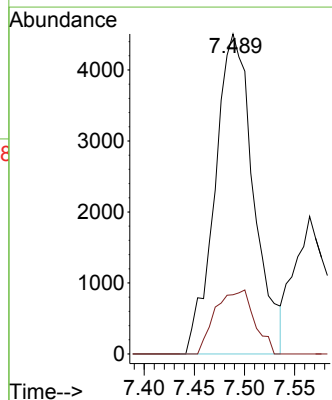
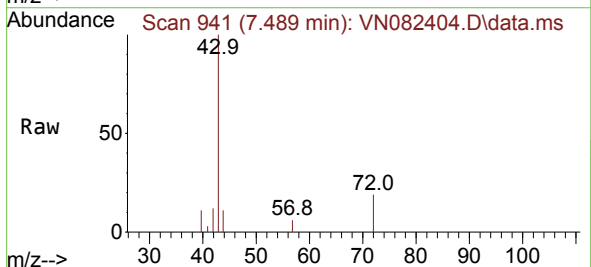


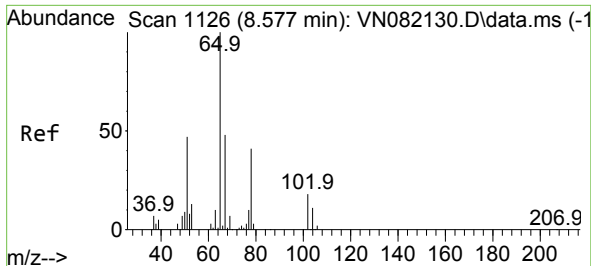
Tgt Ion: 84	Resp: 14107
Ion Ratio	Lower Upper
84	100
49	112.1 84.9 127.3
51	39.5 27.0 40.6
86	49.2 52.3 78.5#



#25
2-Butanone
Concen: 7.146 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

Tgt Ion: 43	Resp: 12074
Ion Ratio	Lower Upper
43	100
72	18.5 25.3 37.9#

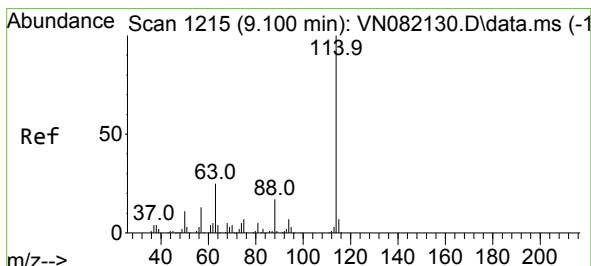
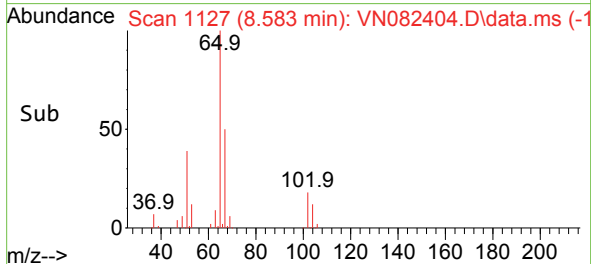
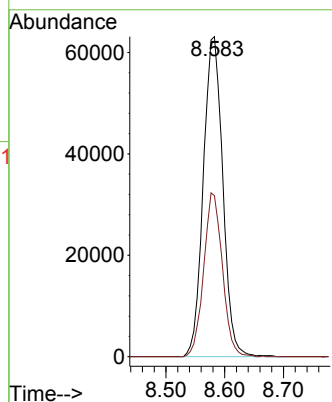
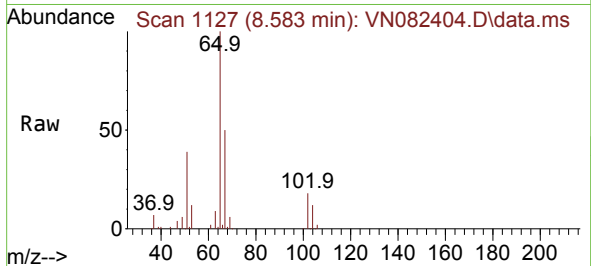




#33
1,2-Dichloroethane-d4
Concen: 53.465 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

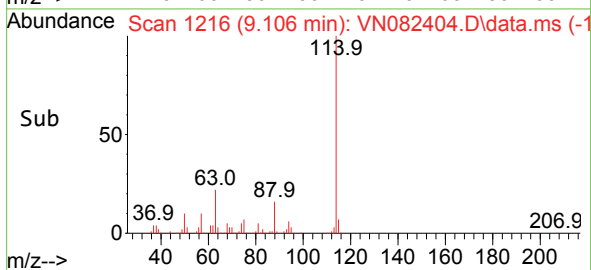
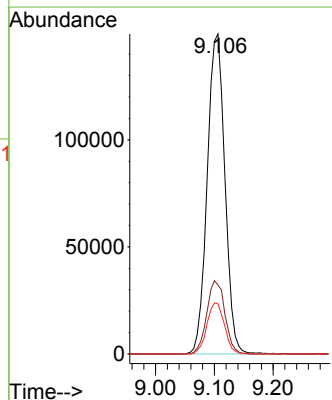
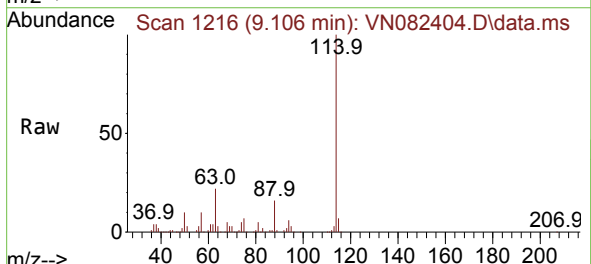
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#02

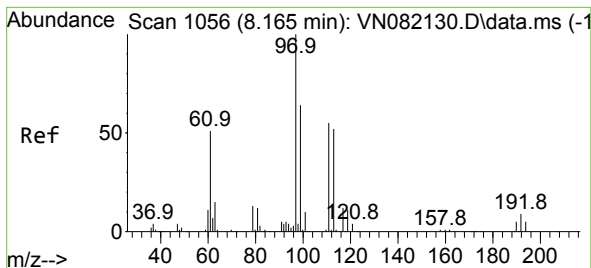
Tgt Ion: 65 Resp: 145240
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

Tgt Ion: 114 Resp: 312293
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.0
88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.881 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082404.D

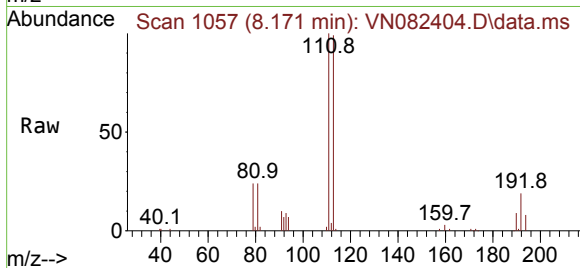
Acq: 31 May 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB161190ZHE#02



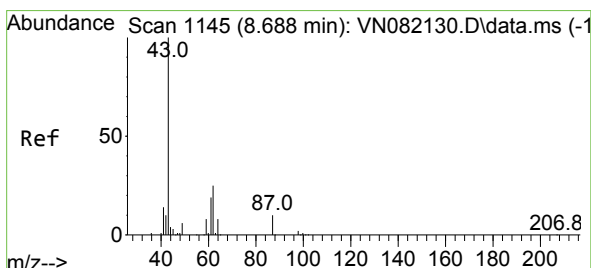
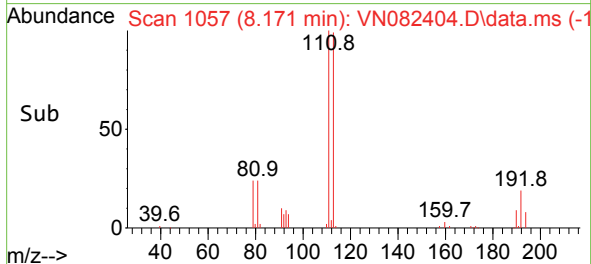
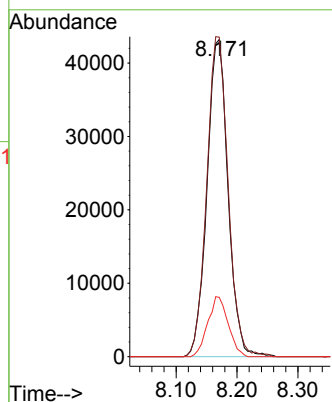
Tgt Ion:113 Resp: 103509

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 18.4 14.0 21.0



#43

Isopropyl Acetate

Concen: 41.200 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082404.D

Acq: 31 May 2024 13:33

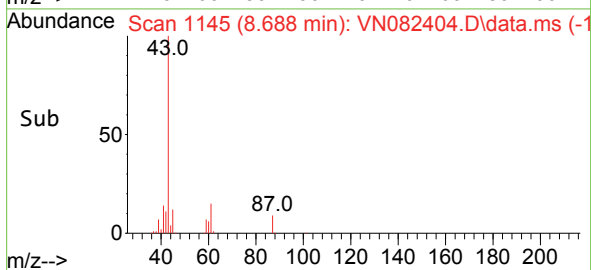
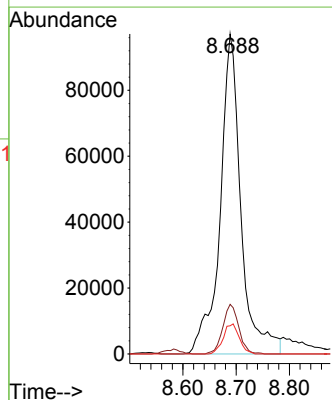
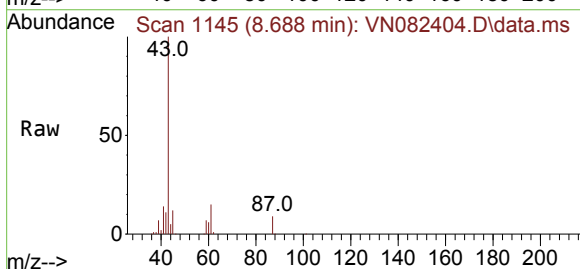
Tgt Ion: 43 Resp: 263237

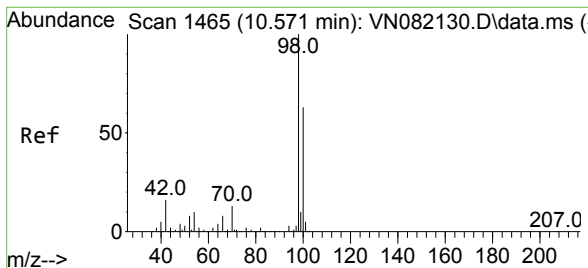
Ion Ratio Lower Upper

43 100

61 11.9 22.8 34.2#

87 7.3 12.0 18.0#





#50

Toluene-d8

Concen: 55.984 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082404.D

Acq: 31 May 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

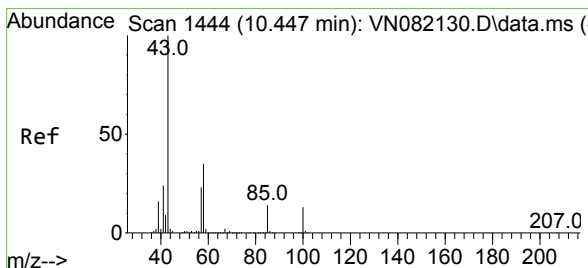
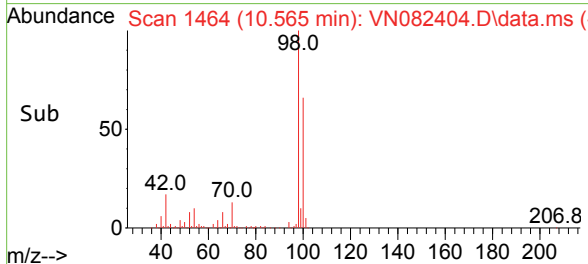
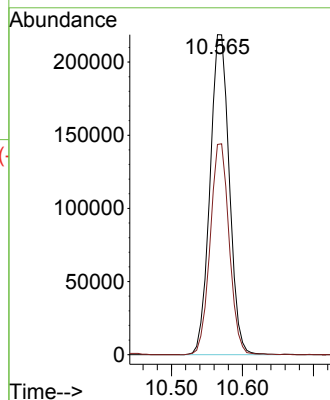
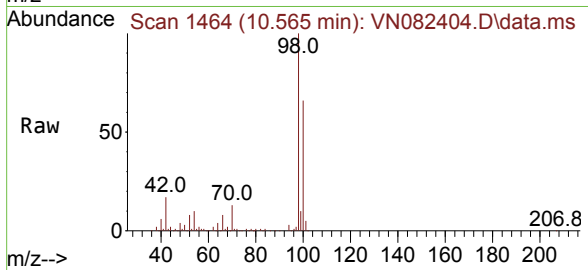
PB161190ZHE#02

Tgt Ion: 98 Resp: 412339

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 5.372 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082404.D

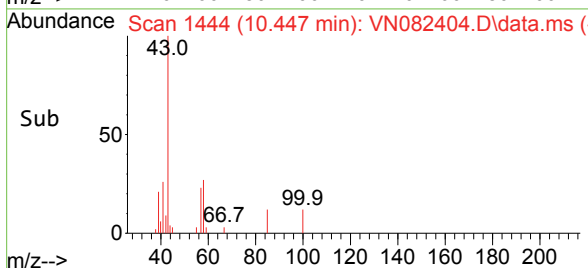
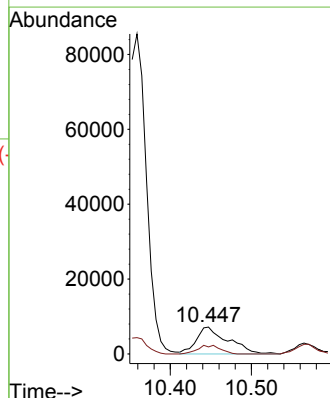
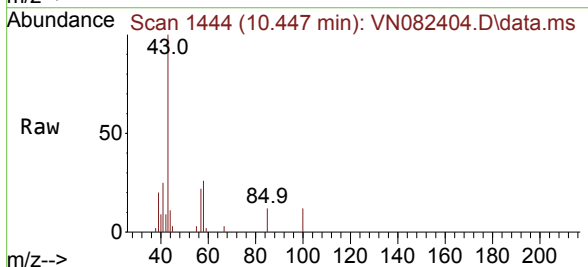
Acq: 31 May 2024 13:33

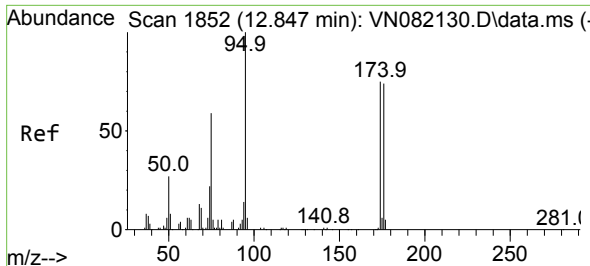
Tgt Ion: 43 Resp: 19500

Ion Ratio Lower Upper

43 100

58 23.0 33.2 49.8#

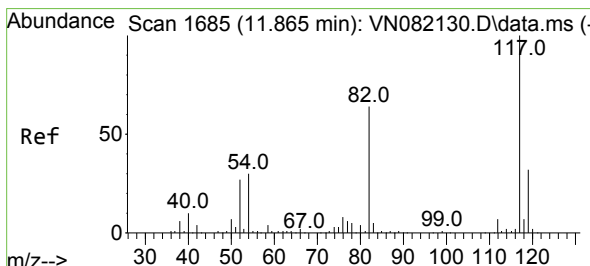
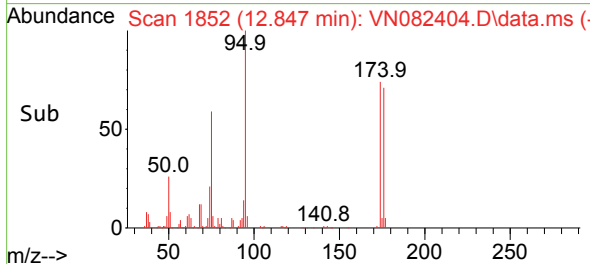
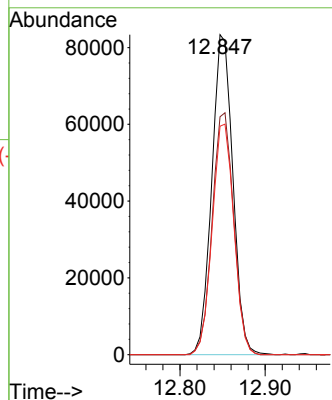
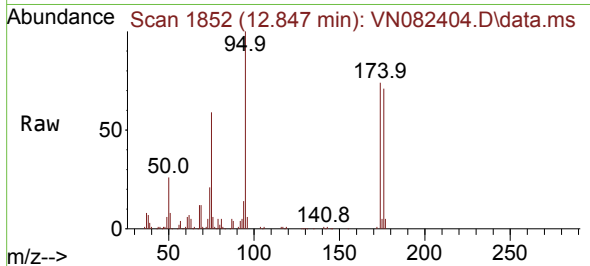




#62
4-Bromofluorobenzene
Concen: 54.459 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

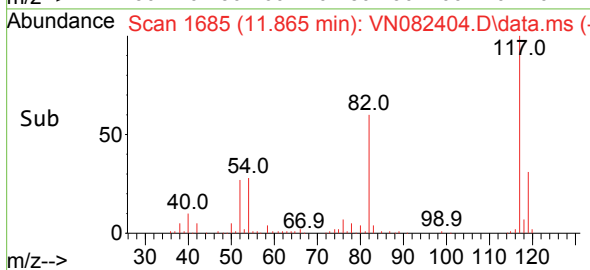
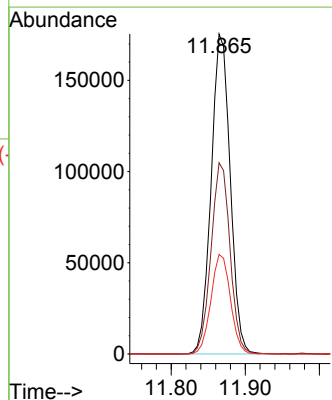
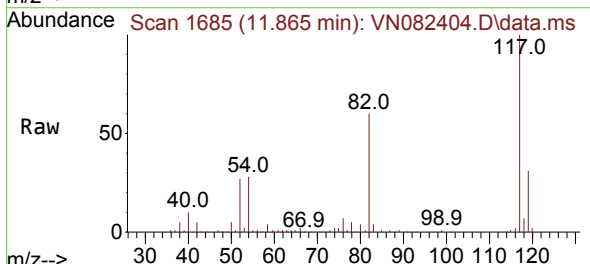
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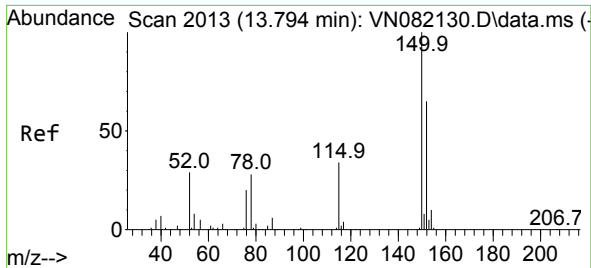
Tgt Ion: 95 Resp: 143163
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.6
176 74.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

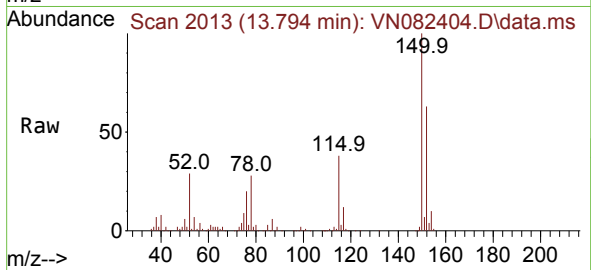
Tgt Ion: 117 Resp: 312970
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 31.1 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082404.D
Acq: 31 May 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#02



Tgt Ion:152 Resp: 132968
Ion Ratio Lower Upper
152 100
115 59.7 30.4 91.3
150 155.7 0.0 353.2

