

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082408.D
 Acq On : 31 May 2024 15:10
 Operator : JC\MD
 Sample : PB161190ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#06

Quant Time: May 31 22:58:46 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)

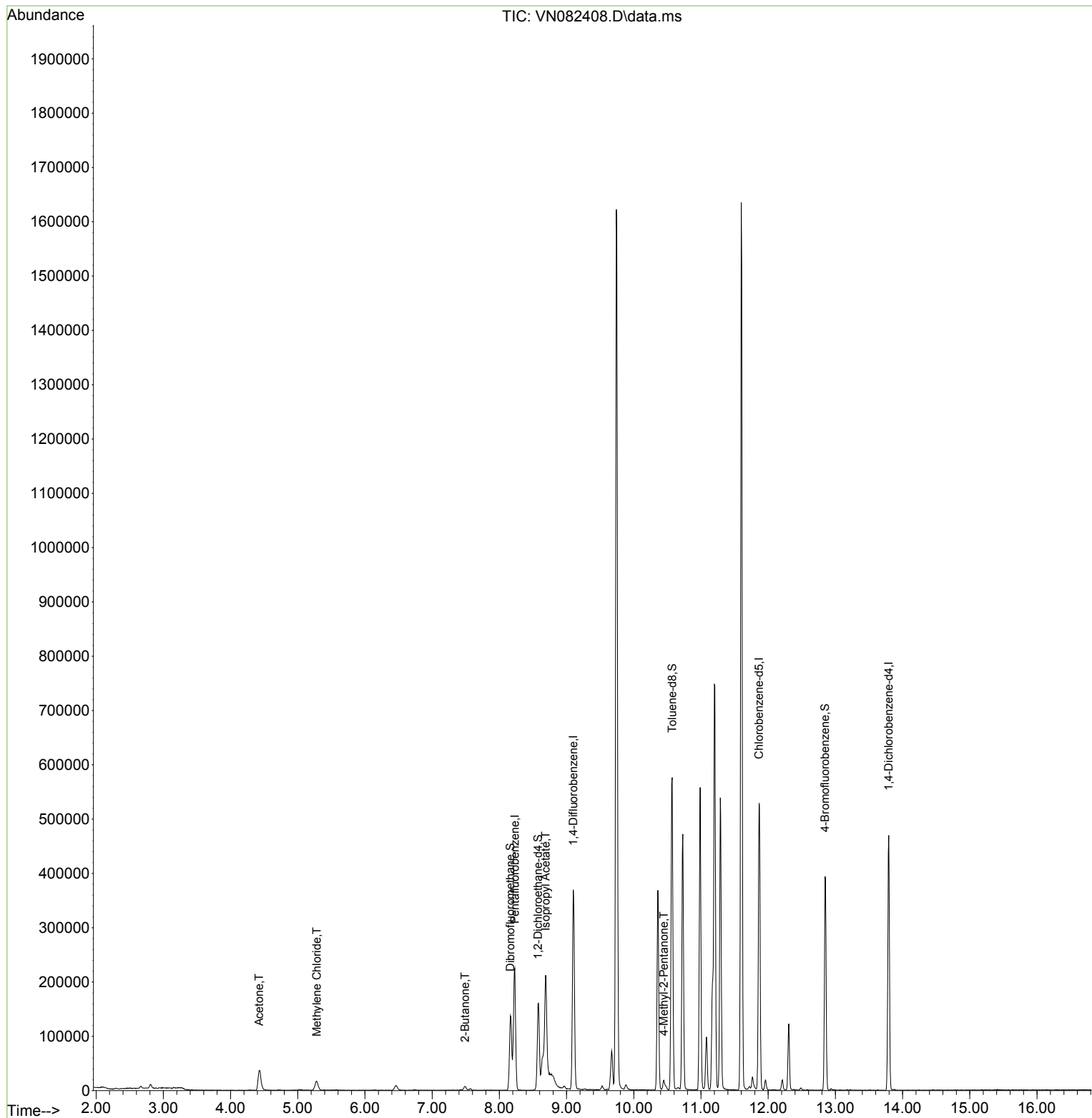
Internal Standards						
1) Pentafluorobenzene	8.229	168	157132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133076	53.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.260%	
35) Dibromofluoromethane	8.165	113	95061	53.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.360%	
50) Toluene-d8	10.571	98	377762	55.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.847	95	124103	50.737	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	75762	74.436	ug/l	93
20) Methylene Chloride	5.283	84	12095	5.890	ug/l #	73
25) 2-Butanone	7.488	43	12627	8.183	ug/l #	74
43) Isopropyl Acetate	8.688	43	326972	55.001	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	18209	5.391	ug/l #	72

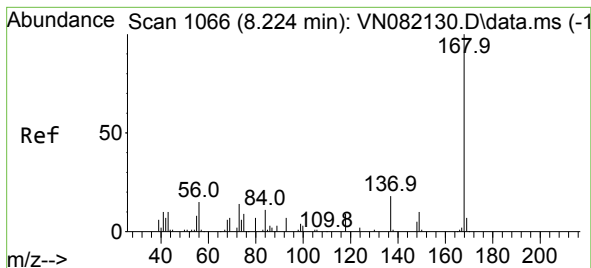
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082408.D

Acq: 31 May 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

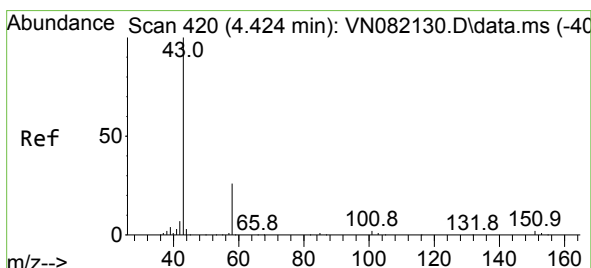
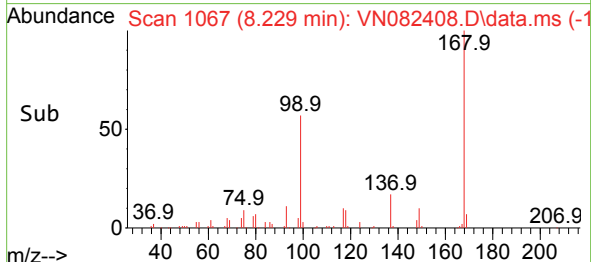
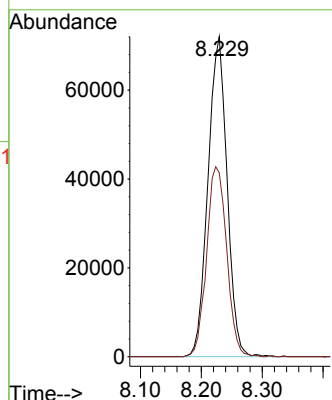
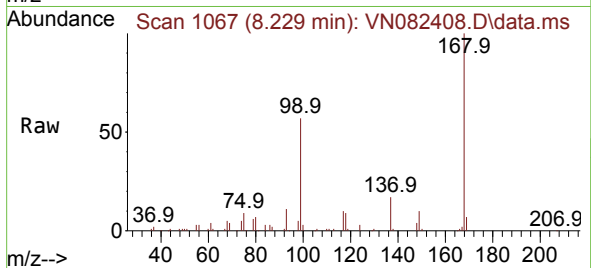
PB161190ZHE#06

Tgt Ion:168 Resp: 157132

Ion Ratio Lower Upper

168 100

99 57.5 48.2 72.4



#16

Acetone

Concen: 74.436 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN082408.D

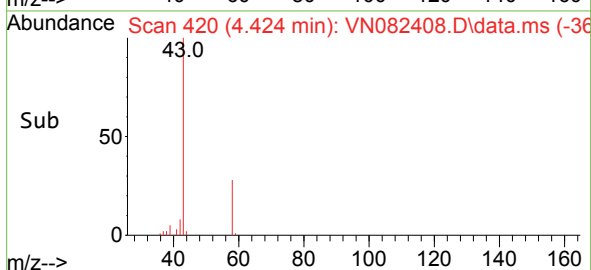
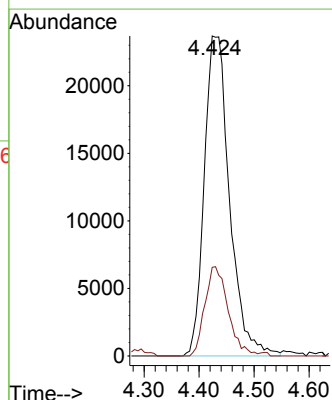
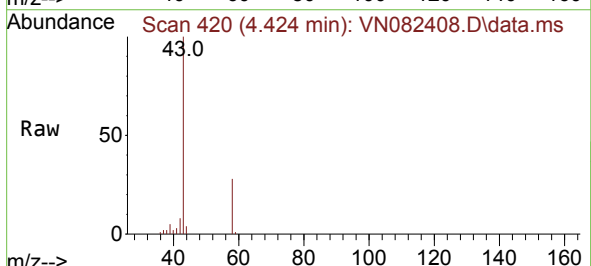
Acq: 31 May 2024 15:10

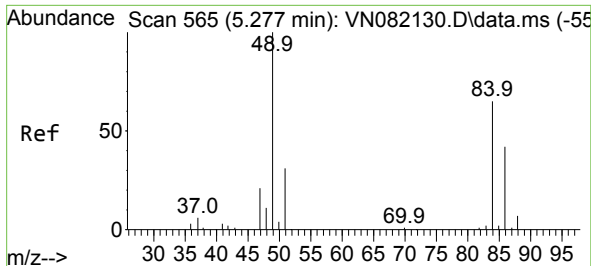
Tgt Ion: 43 Resp: 75762

Ion Ratio Lower Upper

43 100

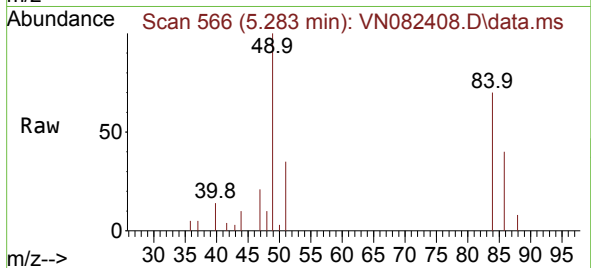
58 27.7 25.2 37.8



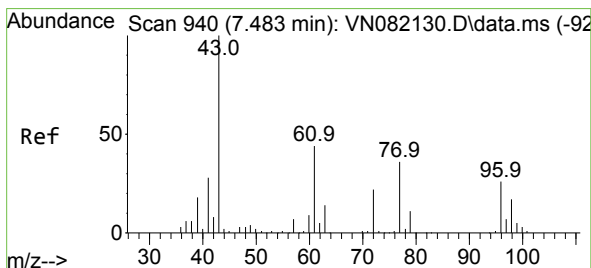
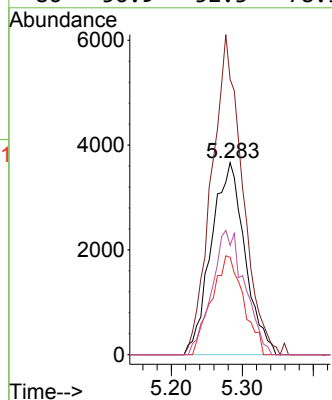


#20
Methylene Chloride
Concen: 5.890 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082408.D
Acq: 31 May 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#06

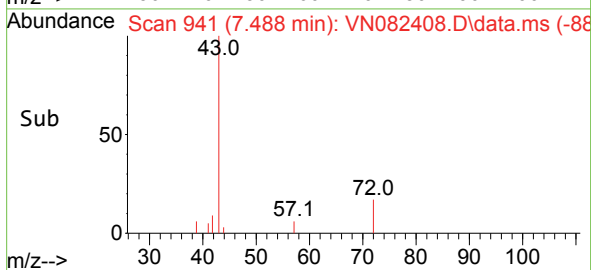
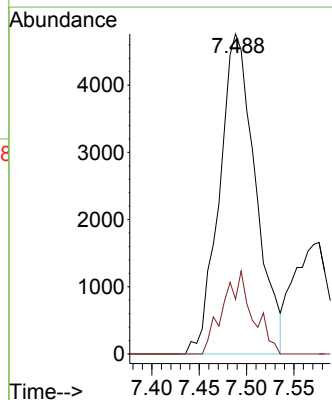
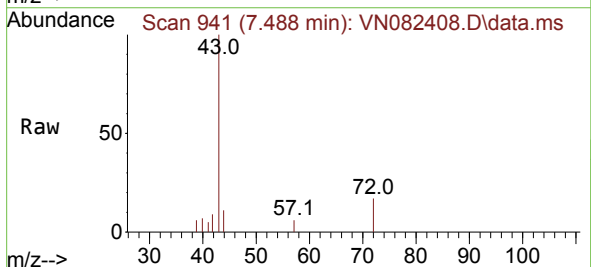


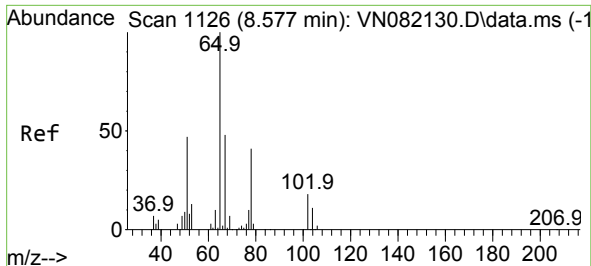
Tgt Ion: 84	Resp: 12095
Ion Ratio	Lower Upper
84	100
49	143.4 84.9 127.3#
51	50.8 27.0 40.6#
86	56.9 52.3 78.5



#25
2-Butanone
Concen: 8.183 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082408.D
Acq: 31 May 2024 15:10

Tgt Ion: 43	Resp: 12627
Ion Ratio	Lower Upper
43	100
72	17.1 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 53.635 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082408.D

Acq: 31 May 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

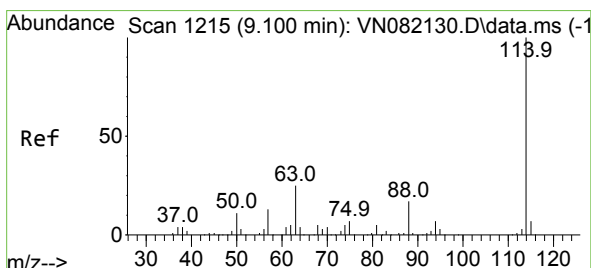
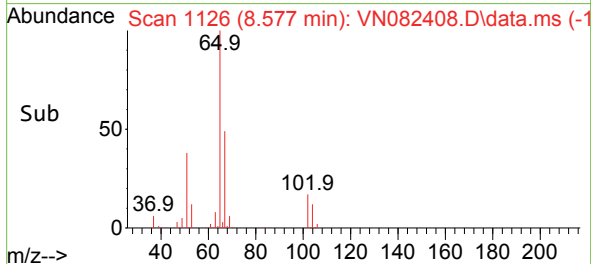
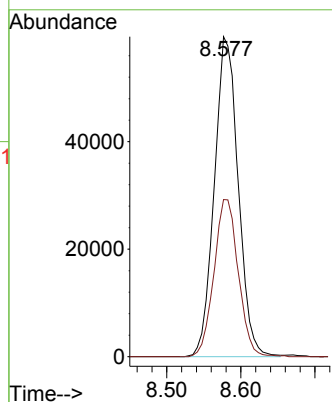
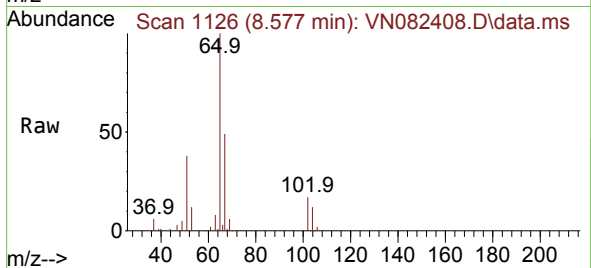
PB161190ZHE#06

Tgt Ion: 65 Resp: 133076

Ion Ratio Lower Upper

65 100

67 50.1 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: VN082408.D

Acq: 31 May 2024 15:10

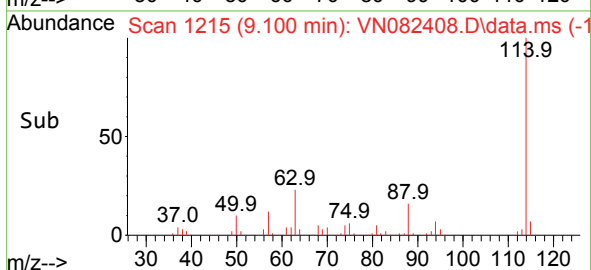
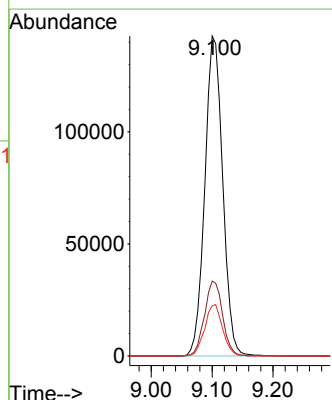
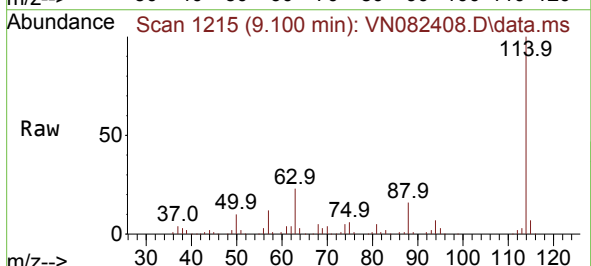
Tgt Ion: 114 Resp: 290572

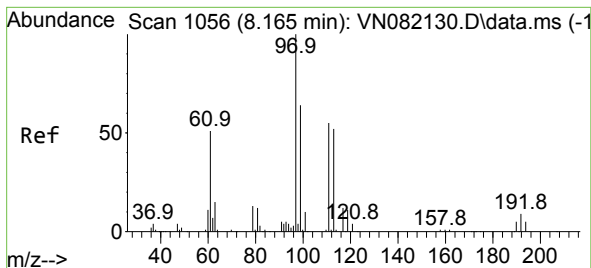
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.182 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN082408.D

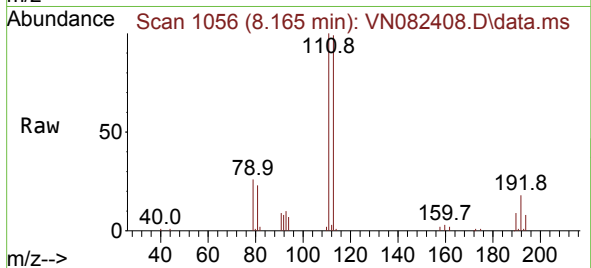
Acq: 31 May 2024 15:10

Instrument :

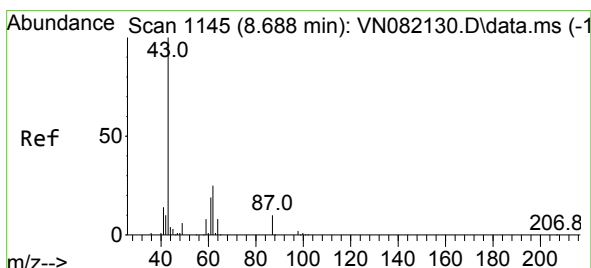
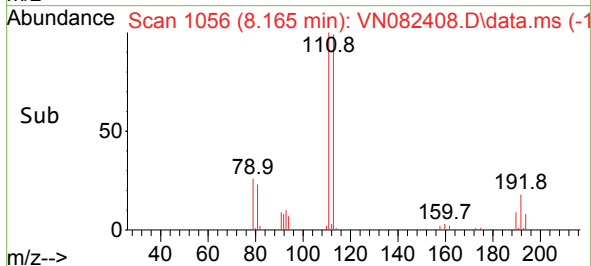
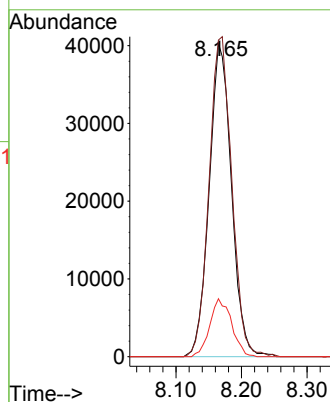
MSVOA_N

ClientSampleId :

PB161190ZHE#06



Tgt Ion:	113	Resp:	95061
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.2
192	18.1	14.0	21.0



#43

Isopropyl Acetate

Concen: 55.001 ug/l

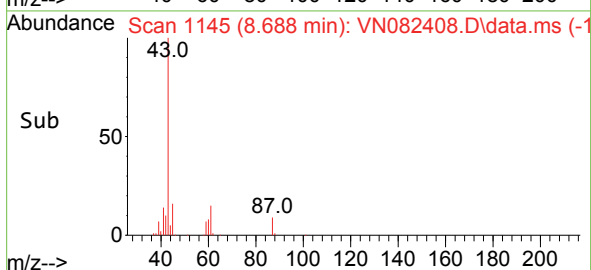
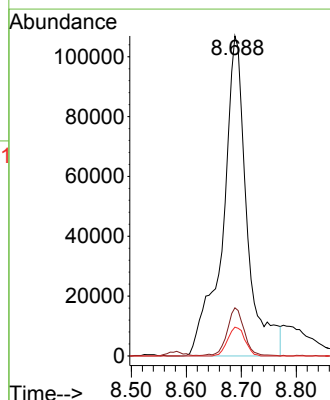
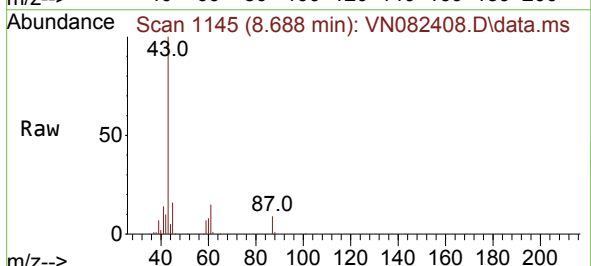
RT: 8.688 min Scan# 1145

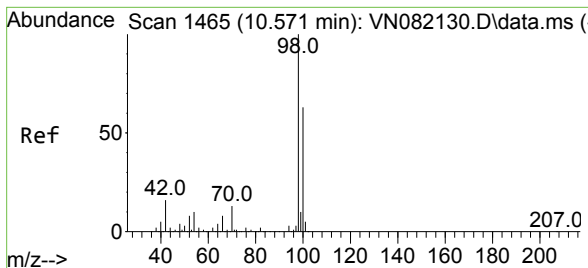
Delta R.T. -0.000 min

Lab File: VN082408.D

Acq: 31 May 2024 15:10

Tgt Ion:	43	Resp:	326972
Ion	Ratio	Lower	Upper
43	100		
61	10.6	22.8	34.2#
87	6.4	12.0	18.0#

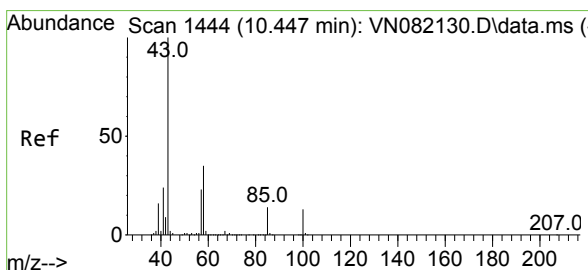
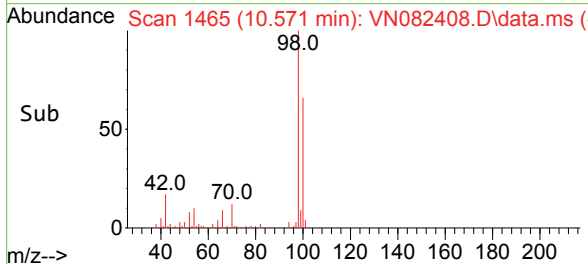
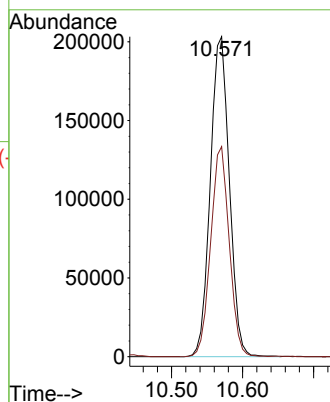
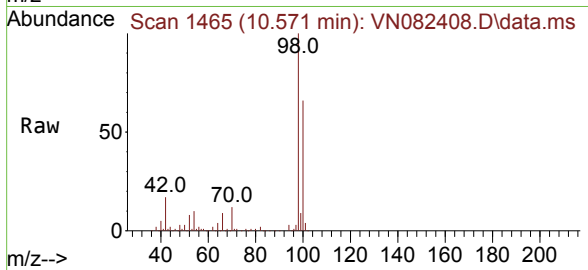




#50
Toluene-d8
Concen: 55.124 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082408.D
Acq: 31 May 2024 15:10

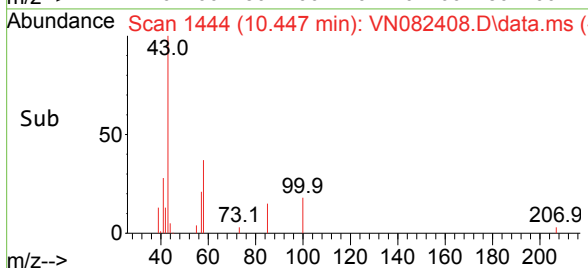
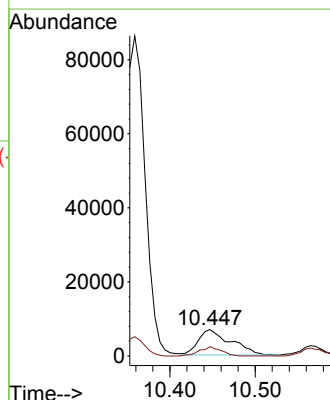
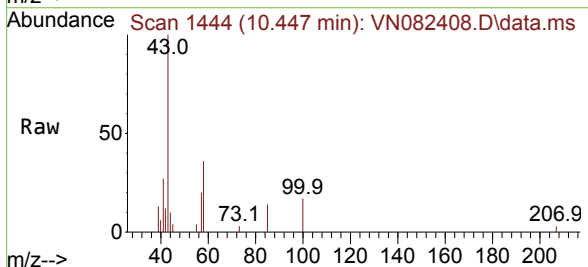
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#06

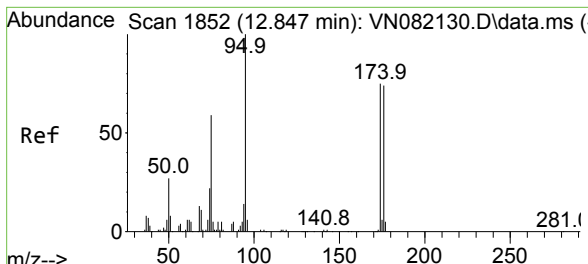
Tgt Ion: 98 Resp: 377762
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.391 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082408.D
Acq: 31 May 2024 15:10

Tgt Ion: 43 Resp: 18209
Ion Ratio Lower Upper
43 100
58 24.0 33.2 49.8#

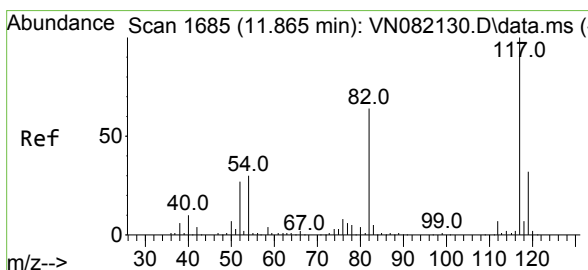
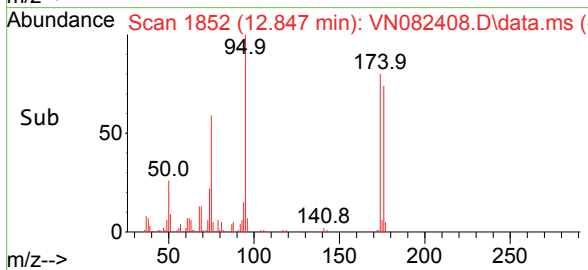
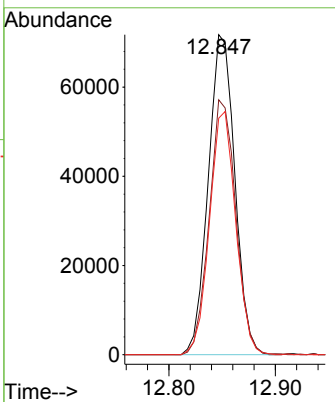
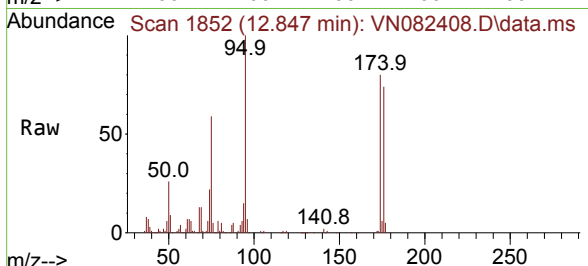




#62
 4-Bromofluorobenzene
 Concen: 50.737 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN082408.D
 Acq: 31 May 2024 15:10

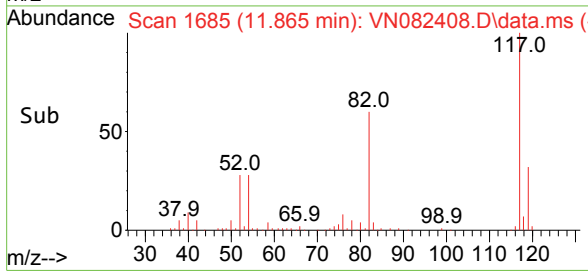
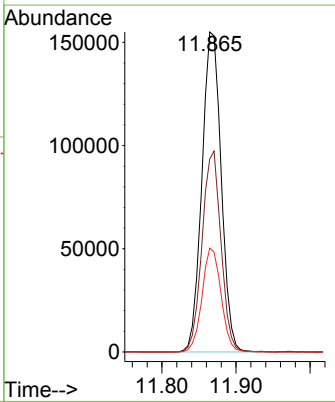
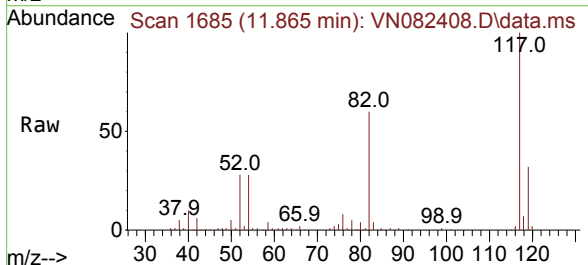
Instrument :
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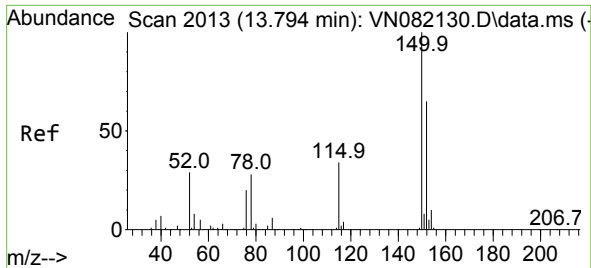
Tgt Ion:	95	Resp:	124103
Ion Ratio	Lower	Upper	
95	100		
174	79.8	0.0	160.6
176	75.1	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082408.D
 Acq: 31 May 2024 15:10

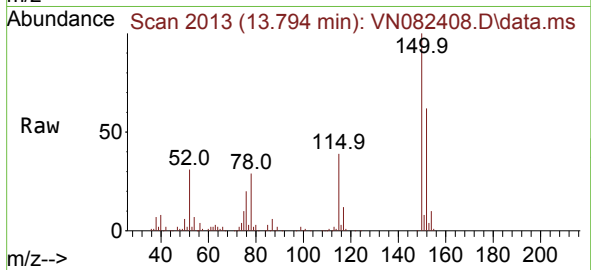
Tgt Ion:	117	Resp:	280245
Ion Ratio	Lower	Upper	
117	100		
82	60.3	44.6	66.8
119	32.5	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082408.D
Acq: 31 May 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#06



Tgt Ion:152 Resp: 116804
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 156.3 0.0 353.2

