

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082402.D
 Acq On : 31 May 2024 12:45
 Operator : JC\MD
 Sample : PB161190TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190TB

Quant Time: May 31 22:56:17 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)

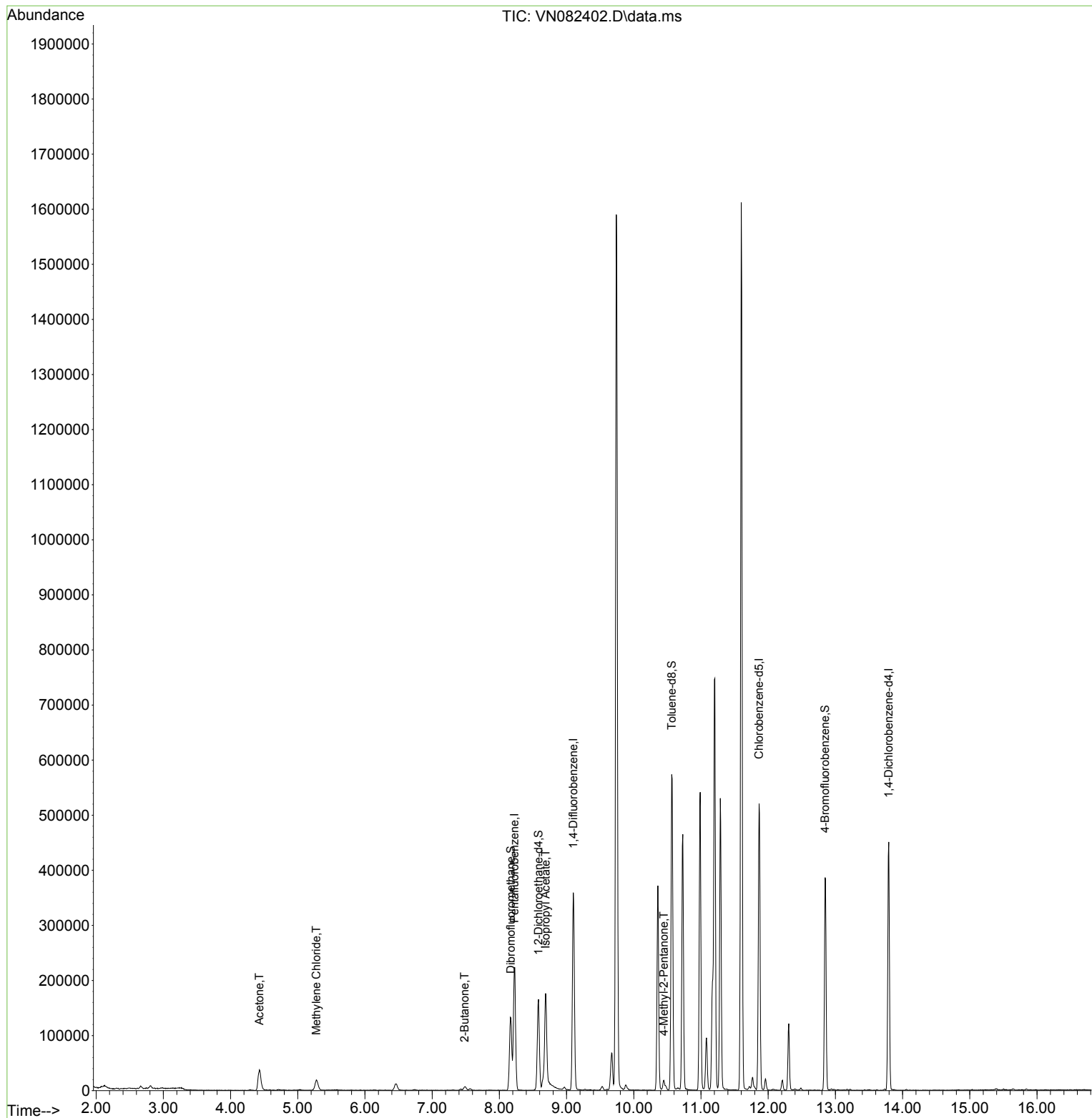
Internal Standards						
1) Pentafluorobenzene	8.224	168	155932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132530	53.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.660%	
35) Dibromofluoromethane	8.171	113	93032	52.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	10.565	98	373192	55.224	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.440%	
62) 4-Bromofluorobenzene	12.847	95	124036	51.424	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	74765	74.022	ug/l	90
20) Methylene Chloride	5.277	84	13474	6.612	ug/l #	74
25) 2-Butanone	7.483	43	12224	7.982	ug/l #	84
43) Isopropyl Acetate	8.688	43	244767	41.754	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	19094	5.733	ug/l #	68

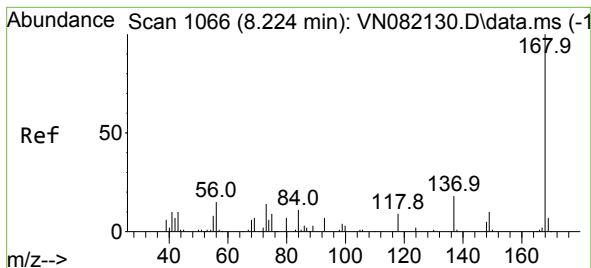
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082402.D

Acq: 31 May 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

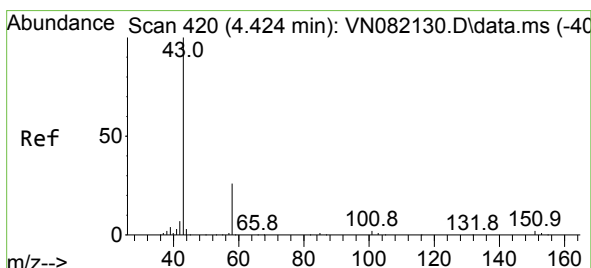
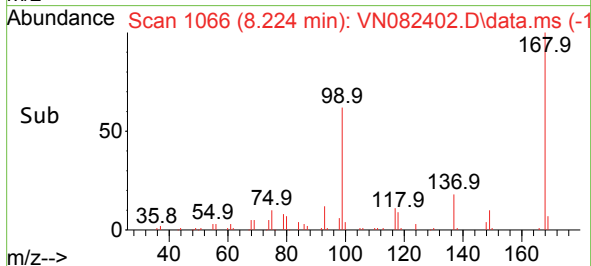
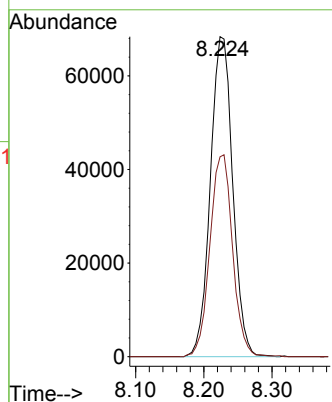
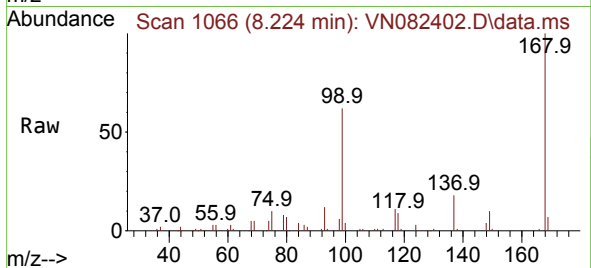
PB161190TB

Tgt Ion:168 Resp: 155932

Ion Ratio Lower Upper

168 100

99 62.5 48.2 72.4



#16

Acetone

Concen: 74.022 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN082402.D

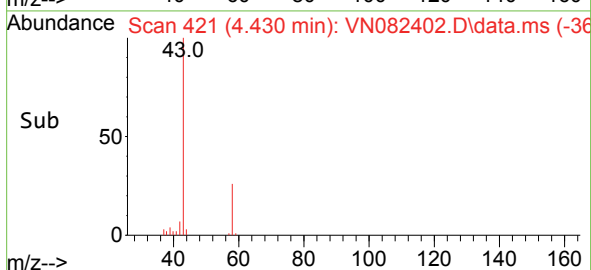
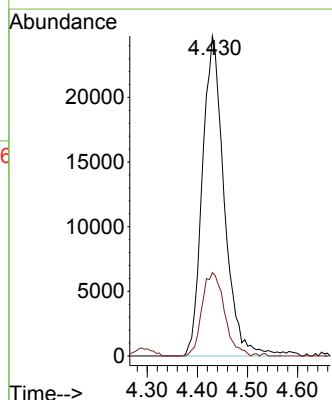
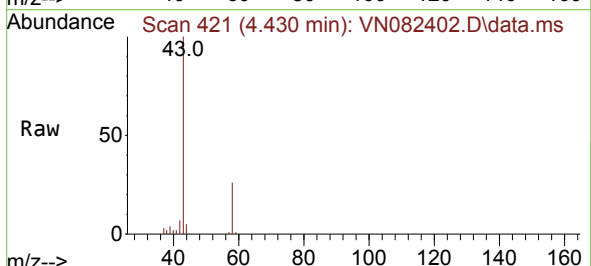
Acq: 31 May 2024 12:45

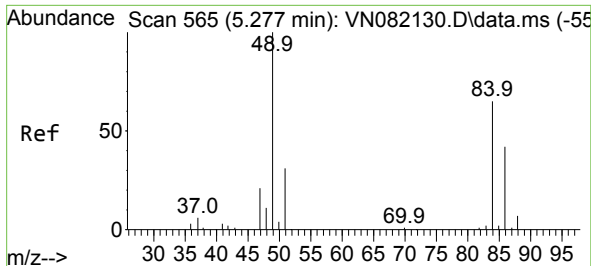
Tgt Ion: 43 Resp: 74765

Ion Ratio Lower Upper

43 100

58 26.1 25.2 37.8





#20

Methylene Chloride

Concen: 6.612 ug/l

RT: 5.277 min Scan# 5

Delta R.T. -0.000 min

Lab File: VN082402.D

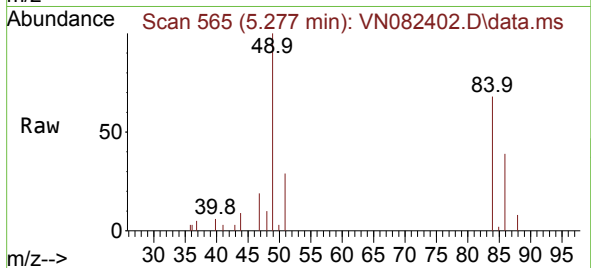
Acq: 31 May 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

PB161190TB



Tgt Ion: 84 Resp: 13474

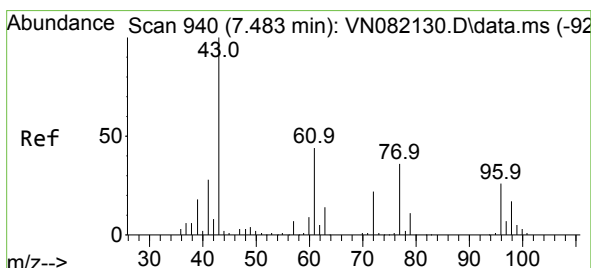
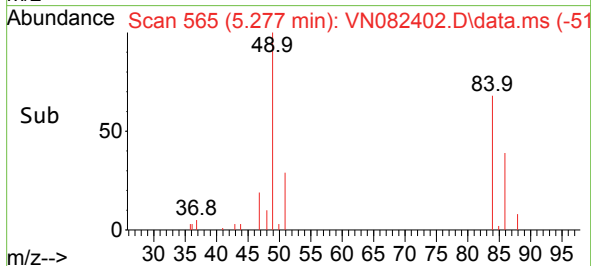
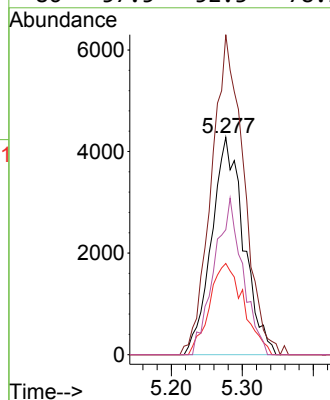
Ion Ratio Lower Upper

84 100

49 147.3 84.9 127.3#

51 42.0 27.0 40.6#

86 57.5 52.3 78.5



#25

2-Butanone

Concen: 7.982 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN082402.D

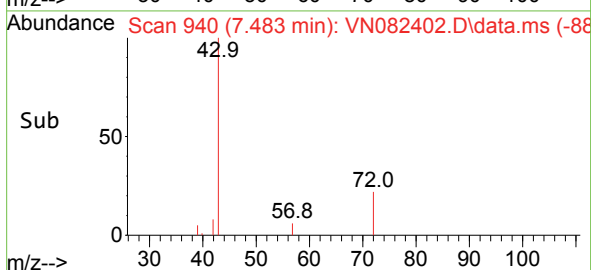
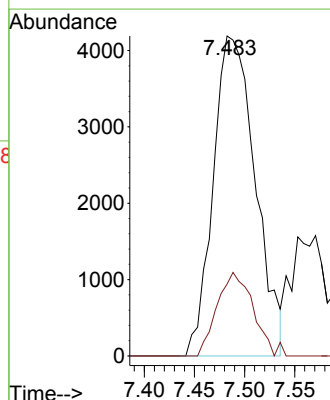
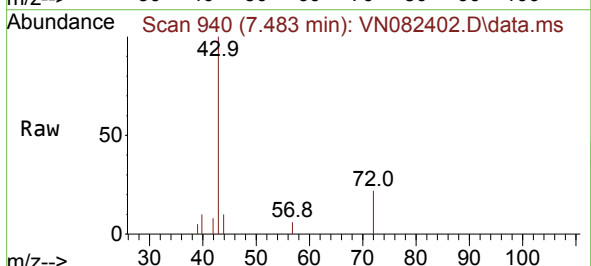
Acq: 31 May 2024 12:45

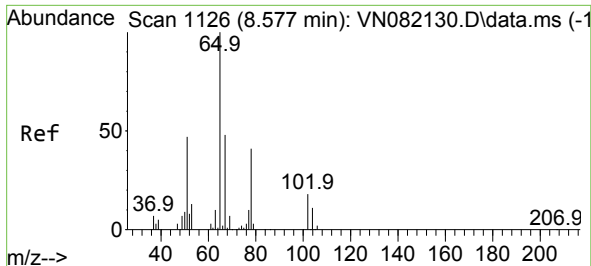
Tgt Ion: 43 Resp: 12224

Ion Ratio Lower Upper

43 100

72 22.5 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 53.826 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082402.D

Acq: 31 May 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

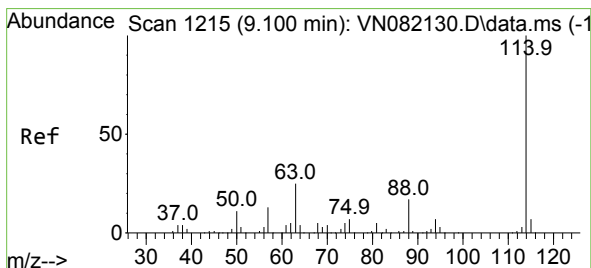
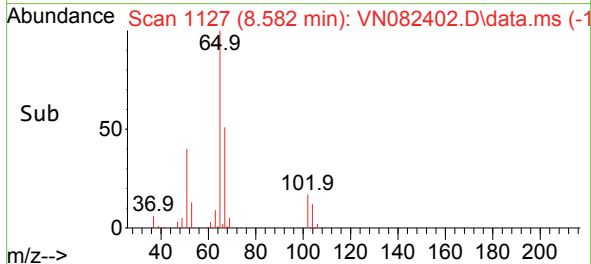
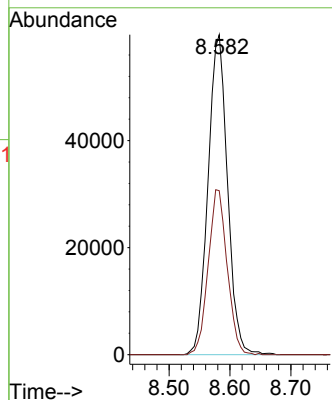
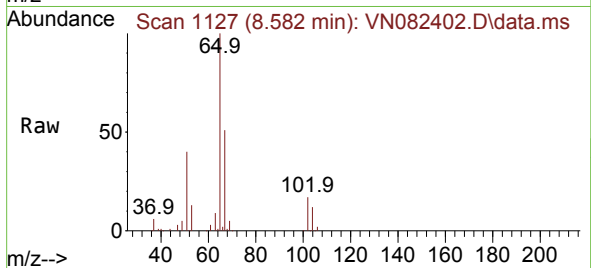
PB161190TB

Tgt Ion: 65 Resp: 132530

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082402.D

Acq: 31 May 2024 12:45

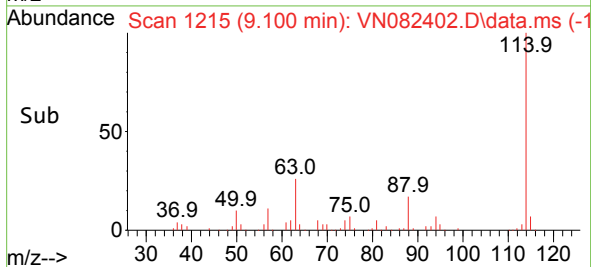
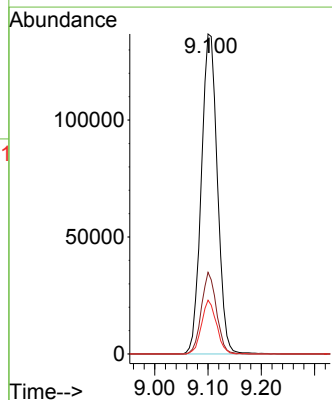
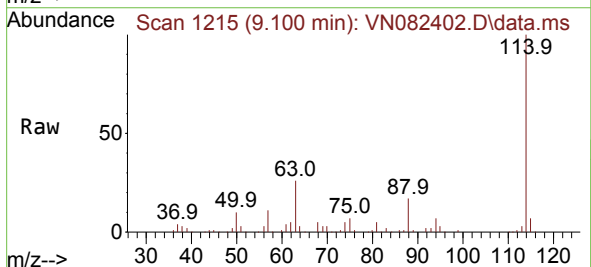
Tgt Ion: 114 Resp: 286534

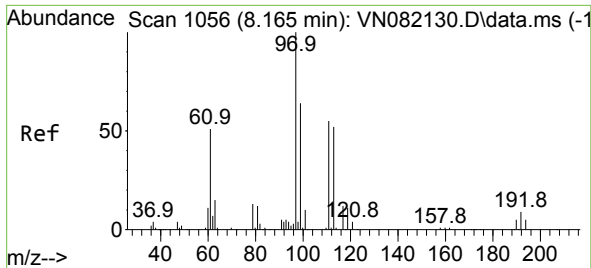
Ion Ratio Lower Upper

114 100

63 25.5 0.0 41.0

88 16.8 0.0 31.4

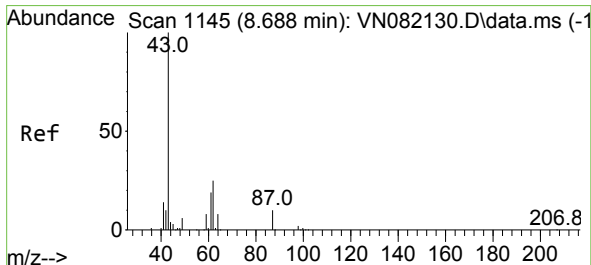
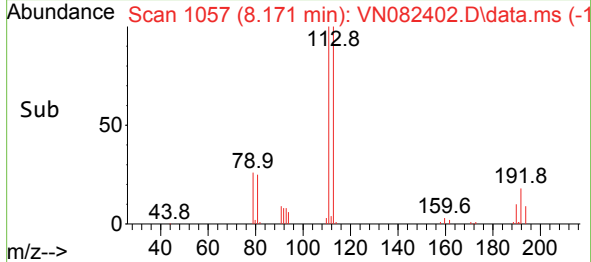
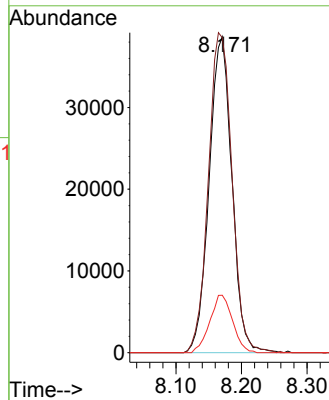
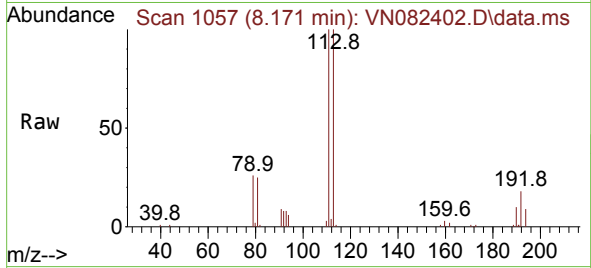




#35
 Dibromofluoromethane
 Concen: 52.780 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082402.D
 Acq: 31 May 2024 12:45

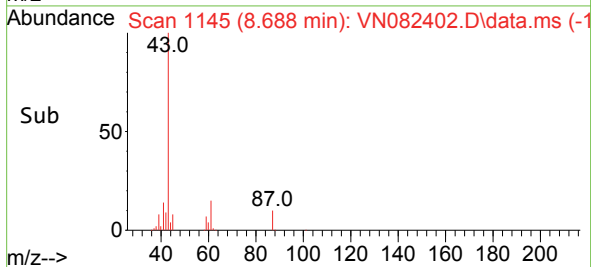
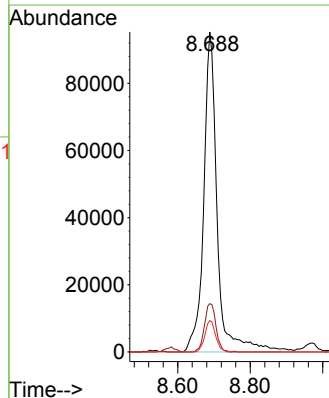
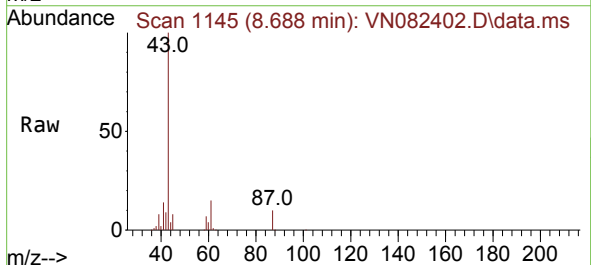
Instrument :
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 ClientSampleId :
 PB161190TB

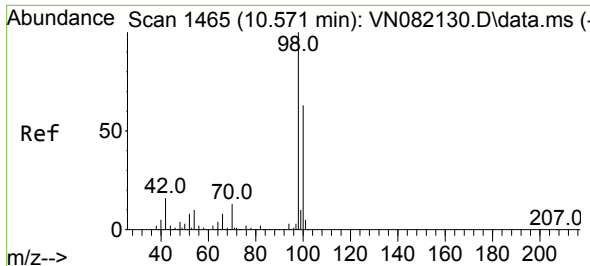
Tgt Ion:113 Resp: 93032
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.2
 192 18.2 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 41.754 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VN082402.D
 Acq: 31 May 2024 12:45

Tgt Ion: 43 Resp: 244767
 Ion Ratio Lower Upper
 43 100
 61 12.8 22.8 34.2#
 87 7.8 12.0 18.0#

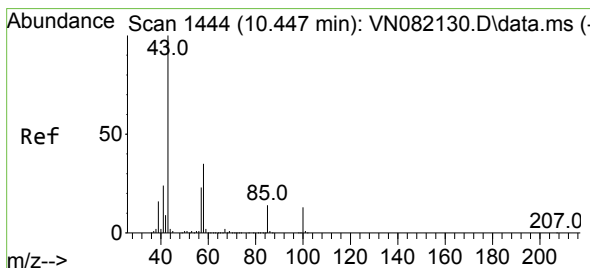
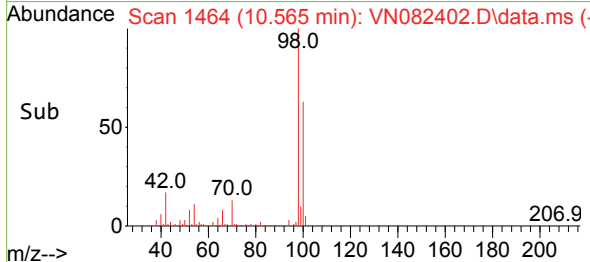
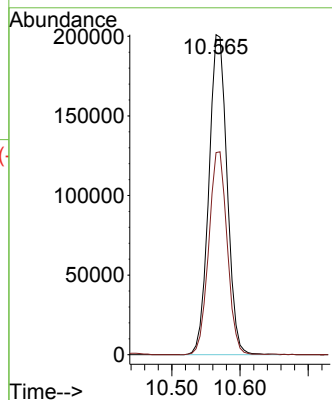
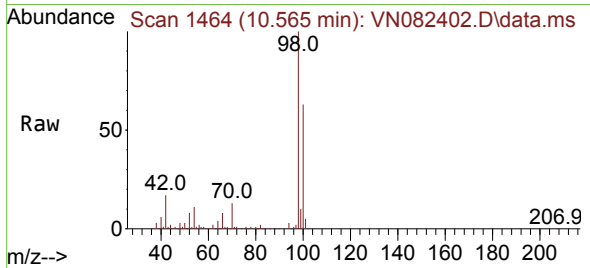




#50
Toluene-d8
Concen: 55.224 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082402.D
Acq: 31 May 2024 12:45

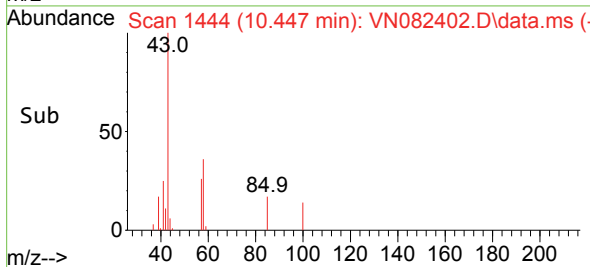
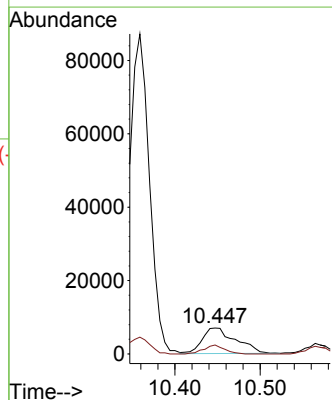
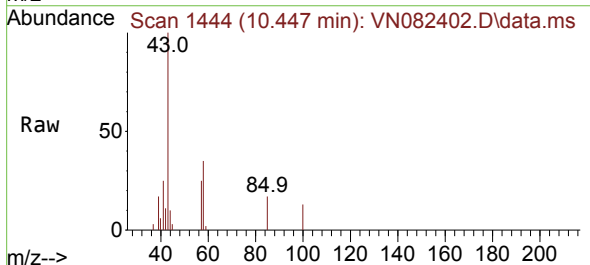
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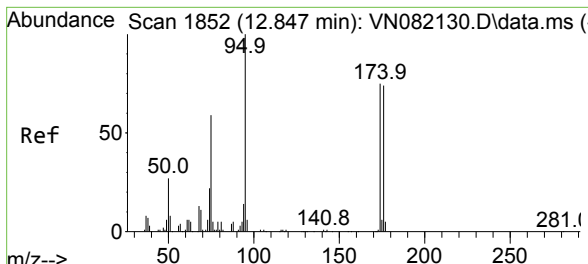
Tgt Ion: 98 Resp: 373192
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.733 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082402.D
Acq: 31 May 2024 12:45

Tgt Ion: 43 Resp: 19094
Ion Ratio Lower Upper
43 100
58 21.6 33.2 49.8#

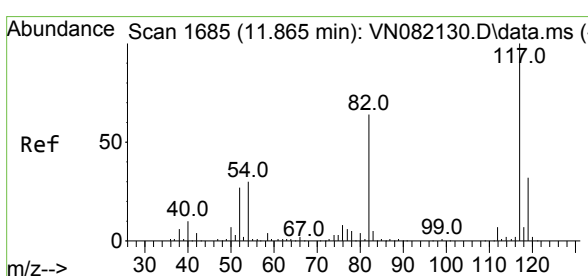
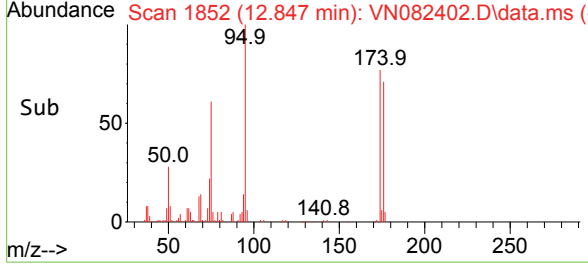
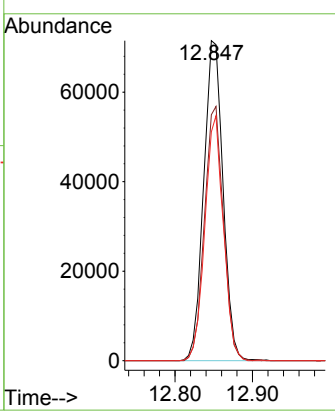
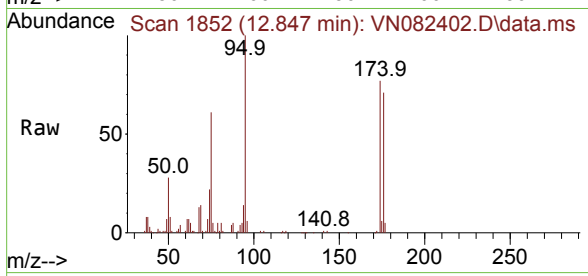




#62
 4-Bromofluorobenzene
 Concen: 51.424 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN082402.D
 Acq: 31 May 2024 12:45

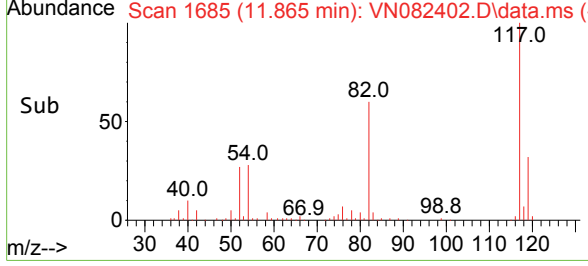
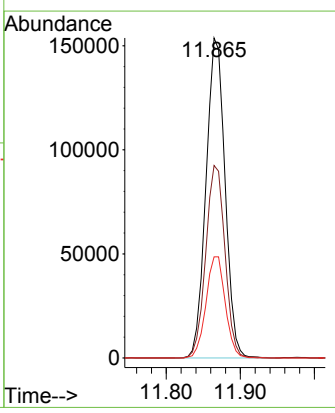
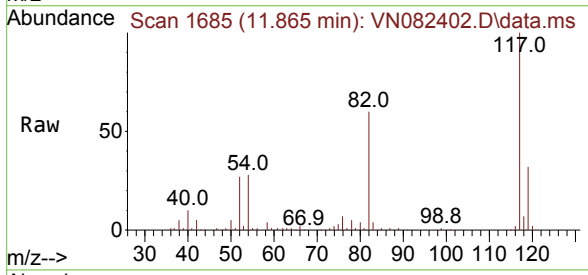
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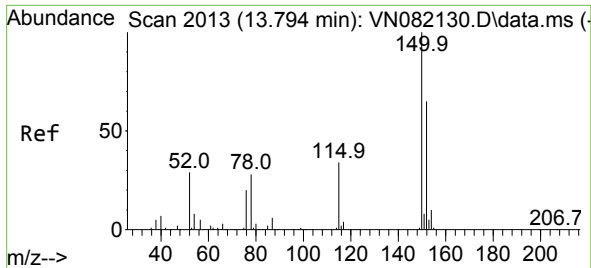
Tgt Ion:	95	Resp:	124036
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	160.6
176	73.3	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082402.D
 Acq: 31 May 2024 12:45

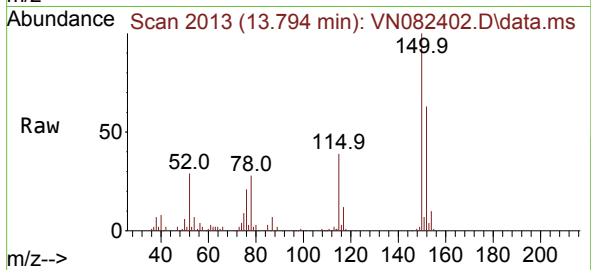
Tgt Ion:	117	Resp:	274079
Ion Ratio	Lower	Upper	
117	100		
82	60.2	44.6	66.8
119	31.6	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082402.D
 Acq: 31 May 2024 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190TB



Tgt Ion:152 Resp: 110694
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.4 91.3
 150 158.5 0.0 353.2

