

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082190.D
 Acq On : 17 May 2024 19:46
 Operator : JC\MD
 Sample : PB160967ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#08

Quant Time: May 17 23:16:31 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)

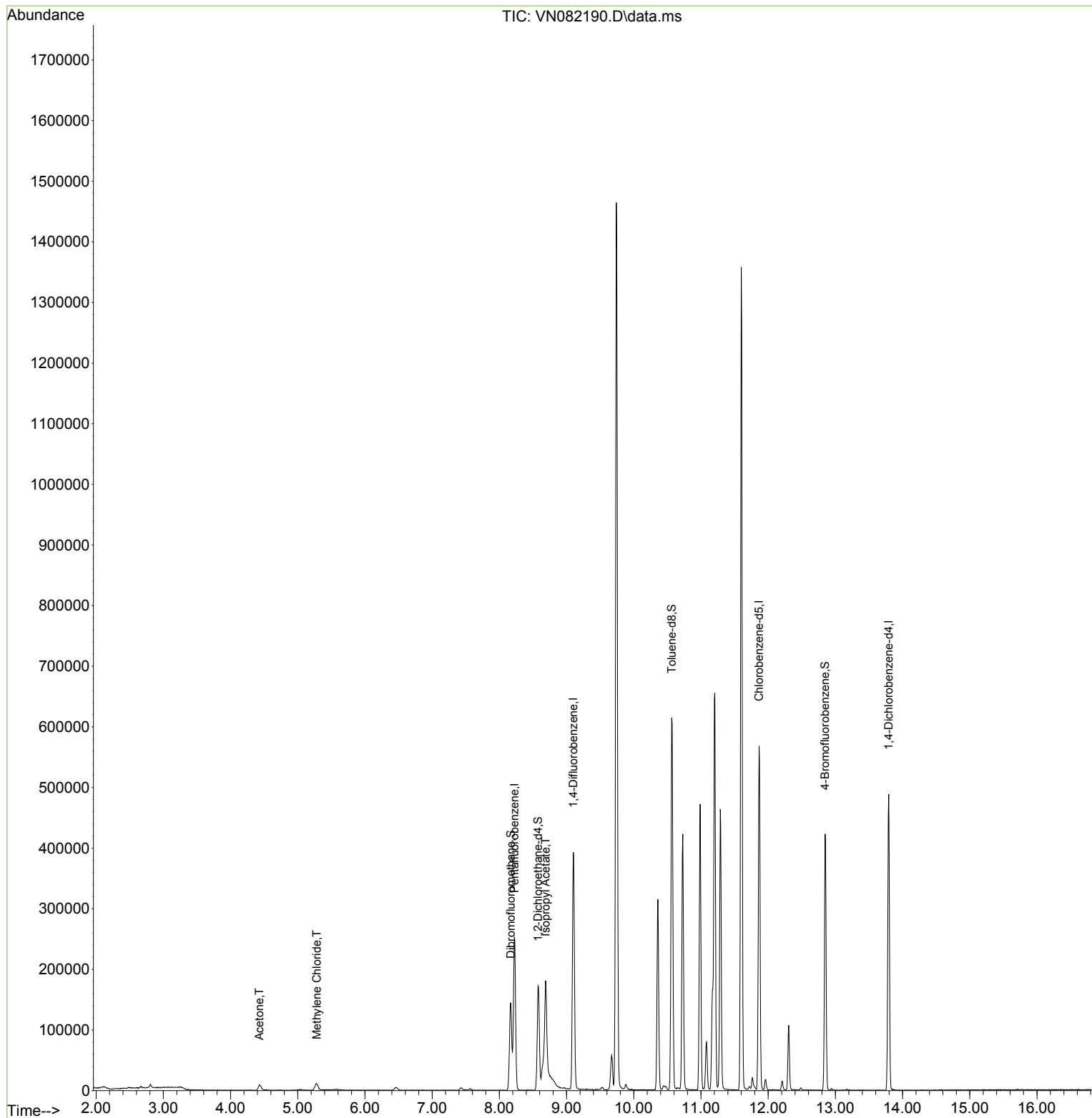
Internal Standards						
1) Pentafluorobenzene	8.224	168	172350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143985	52.907	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 105.820%		
35) Dibromofluoromethane	8.171	113	101746	52.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.460%		
50) Toluene-d8	10.565	98	405367	54.792	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 109.580%		
62) 4-Bromofluorobenzene	12.847	95	133968	50.734	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 101.460%		
Target Compounds						Qvalue
16) Acetone	4.430	43	17420	15.604	ug/l	98
20) Methylene Chloride	5.283	84	7865	3.492	ug/l #	80
43) Isopropyl Acetate	8.688	43	298595	46.526	ug/l #	69

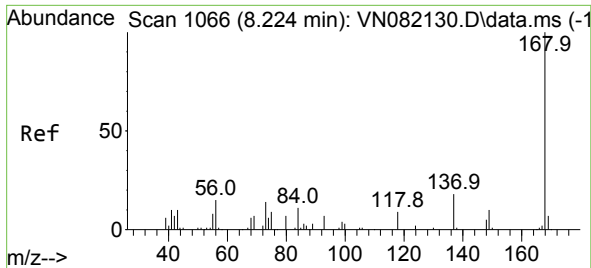
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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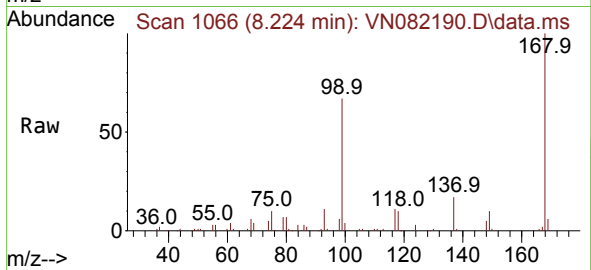
Quant Time: May 17 23:16:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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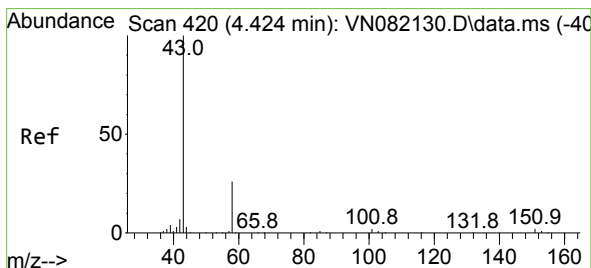
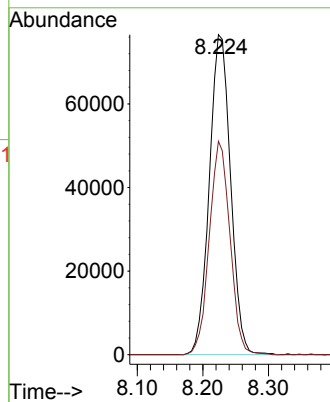
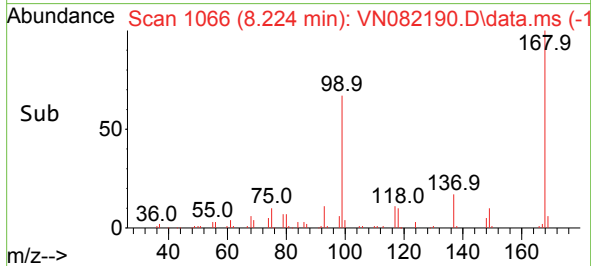


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

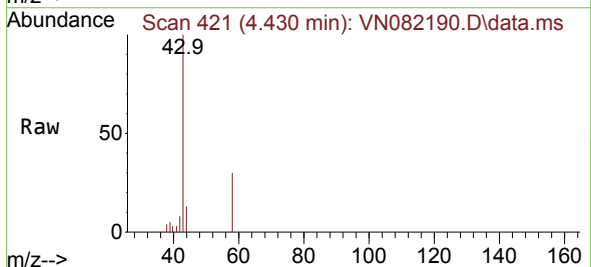
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#08



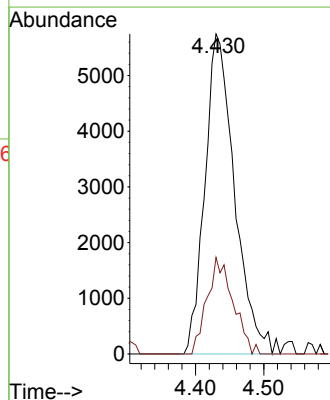
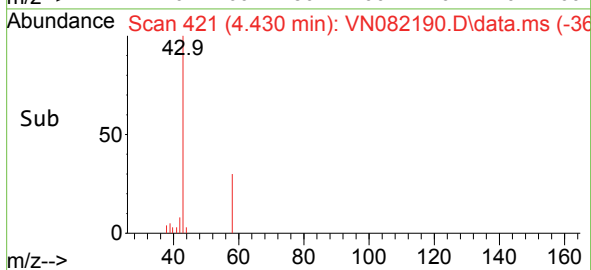
Tgt Ion:168 Resp: 172350
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4

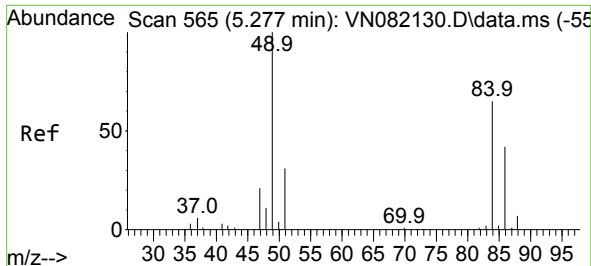


#16
Acetone
Concen: 15.604 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46



Tgt Ion: 43 Resp: 17420
Ion Ratio Lower Upper
43 100
58 30.2 25.2 37.8

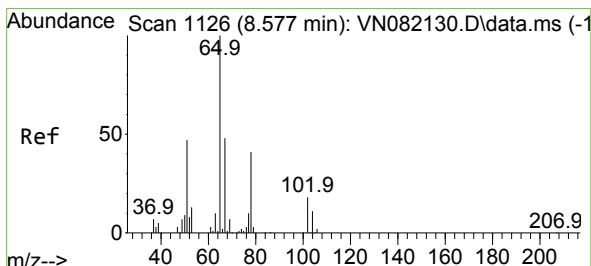
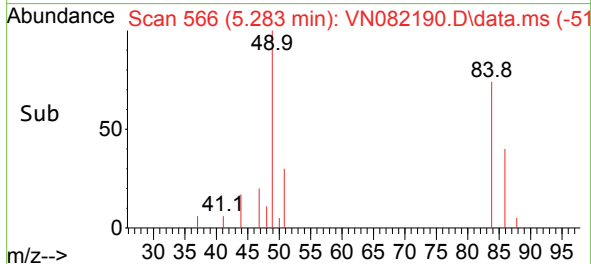
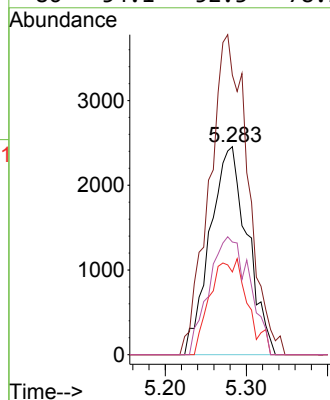
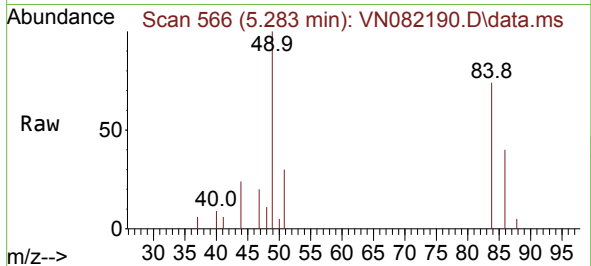




#20
Methylene Chloride
Concen: 3.492 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

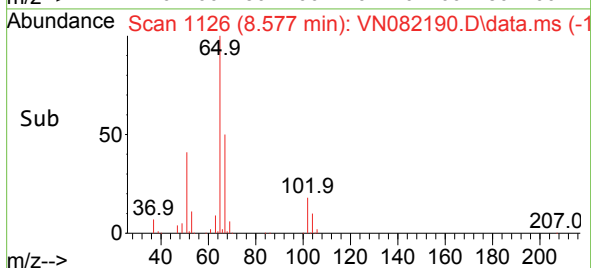
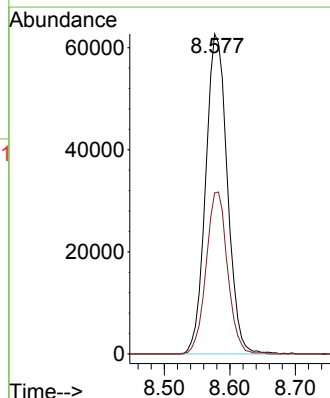
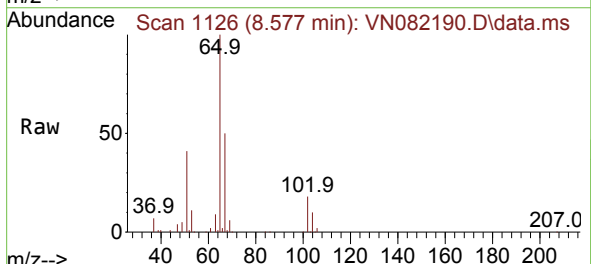
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#08

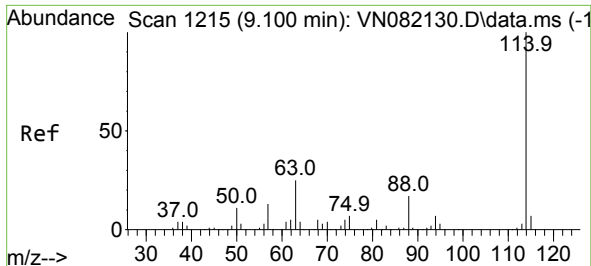
Tgt Ion: 84 Resp: 7865
Ion Ratio Lower Upper
84 100
49 134.4 84.9 127.3#
51 39.8 27.0 40.6
86 54.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.907 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

Tgt Ion: 65 Resp: 143985
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# 11

Delta R.T. 0.000 min

Lab File: VN082190.D

Acq: 17 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB160967ZHE#08

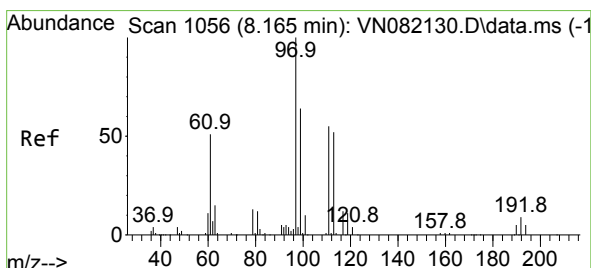
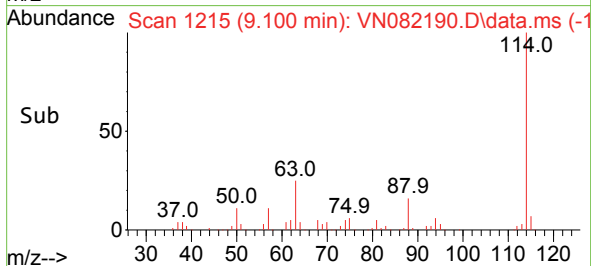
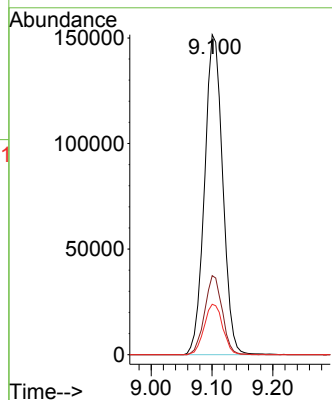
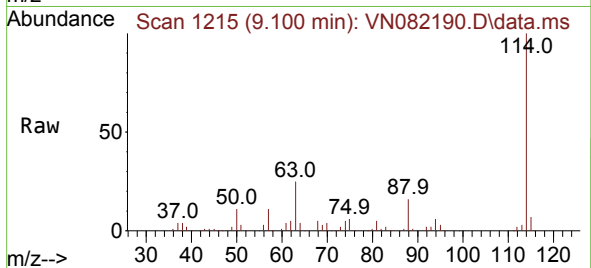
Tgt Ion:114 Resp: 313692

Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.727 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082190.D

Acq: 17 May 2024 19:46

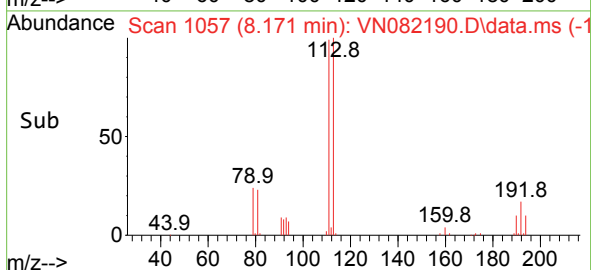
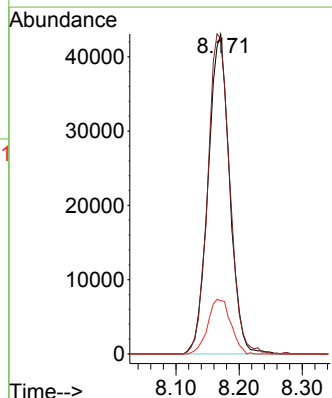
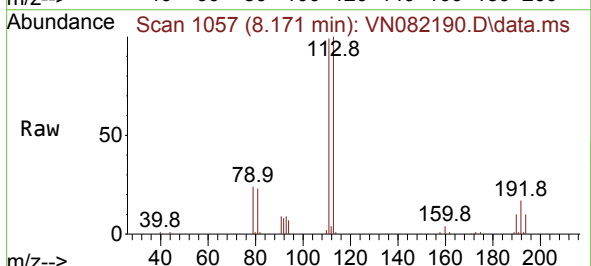
Tgt Ion:113 Resp: 101746

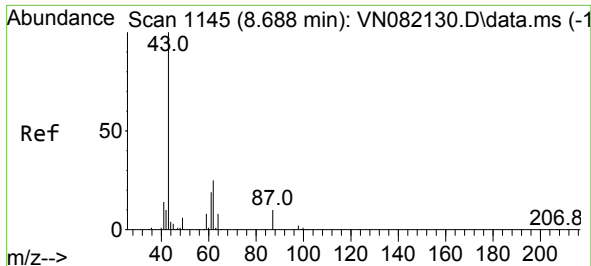
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

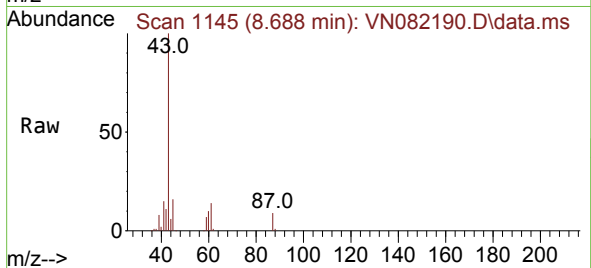
192 18.3 14.0 21.0



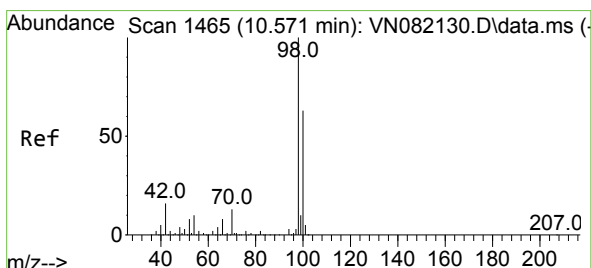
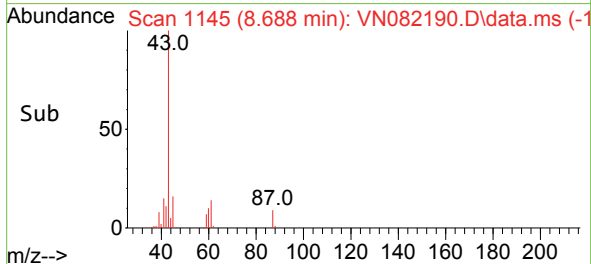
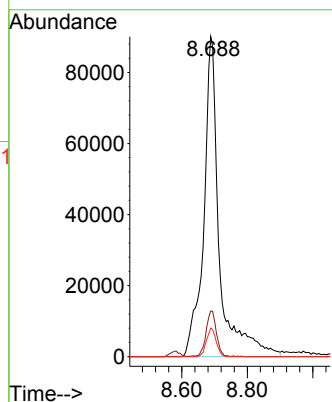


#43
Isopropyl Acetate
Concen: 46.526 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

Instrument :
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ClientSampleId :
PB160967ZHE#08

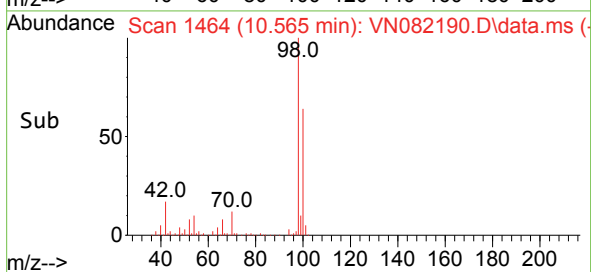
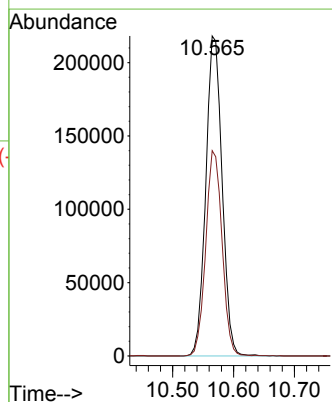
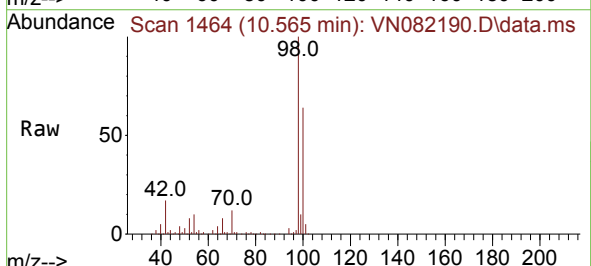


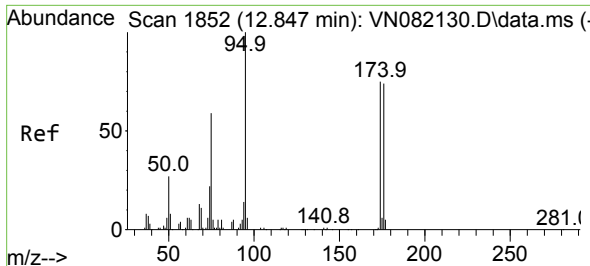
Tgt Ion: 43 Resp: 298595
Ion Ratio Lower Upper
43 100
61 9.5 22.8 34.2#
87 5.5 12.0 18.0#



#50
Toluene-d8
Concen: 54.792 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

Tgt Ion: 98 Resp: 405367
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

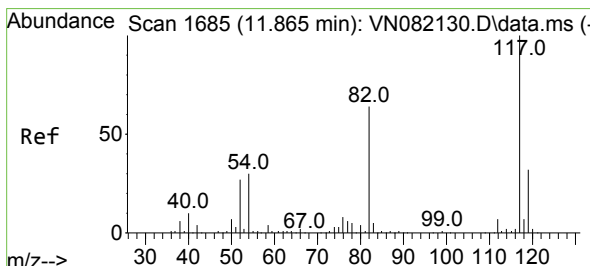
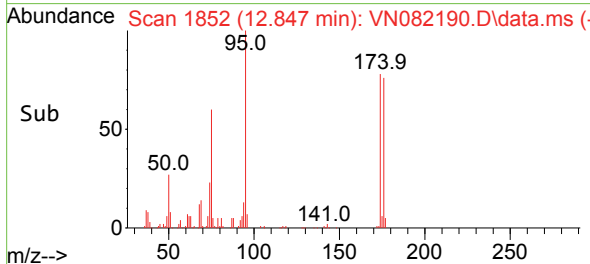
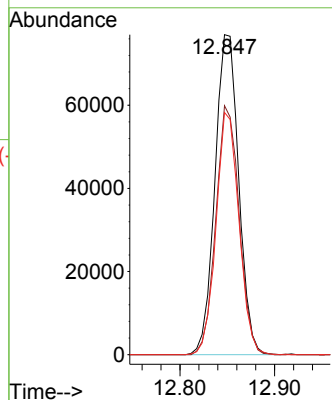
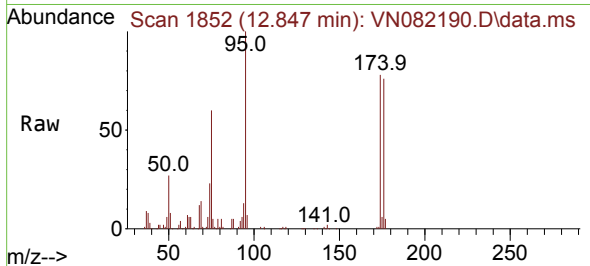




#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

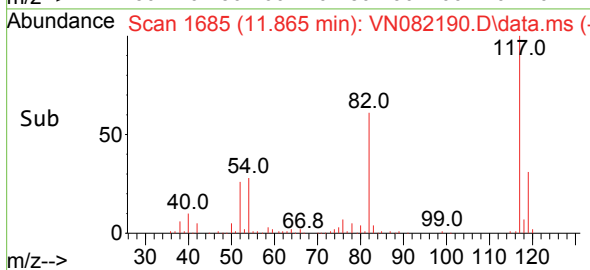
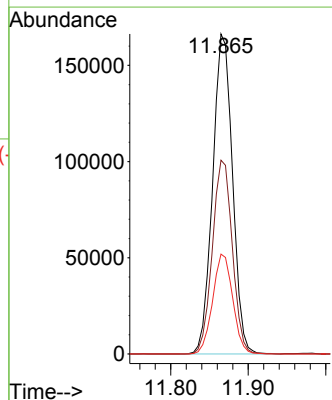
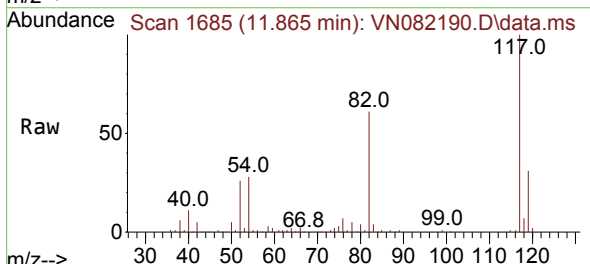
Instrument :
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ClientSampleId :
PB160967ZHE#08

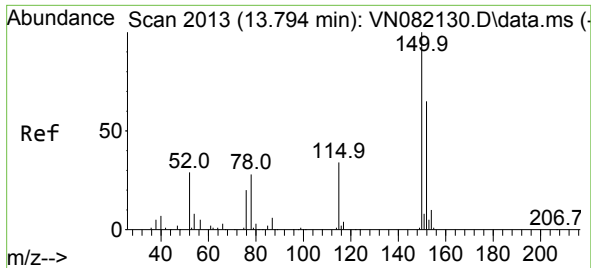
Tgt Ion: 95 Resp: 133968
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 73.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082190.D
Acq: 17 May 2024 19:46

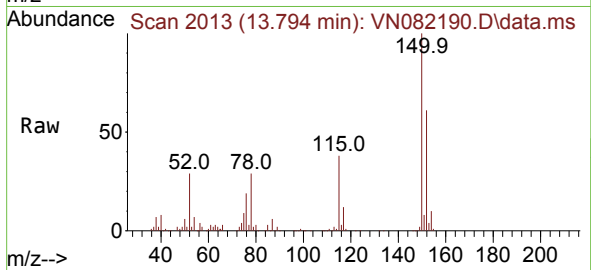
Tgt Ion: 117 Resp: 296120
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 31.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082190.D
 Acq: 17 May 2024 19:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#08



Tgt Ion:152 Resp: 121014
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.4 91.3
 150 160.3 0.0 353.2

