

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070828.D
 Acq On : 28 Jan 2022 14:54
 Operator : JC/MD
 Sample : PB142316ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316ZHE#05

Quant Time: Jan 28 23:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

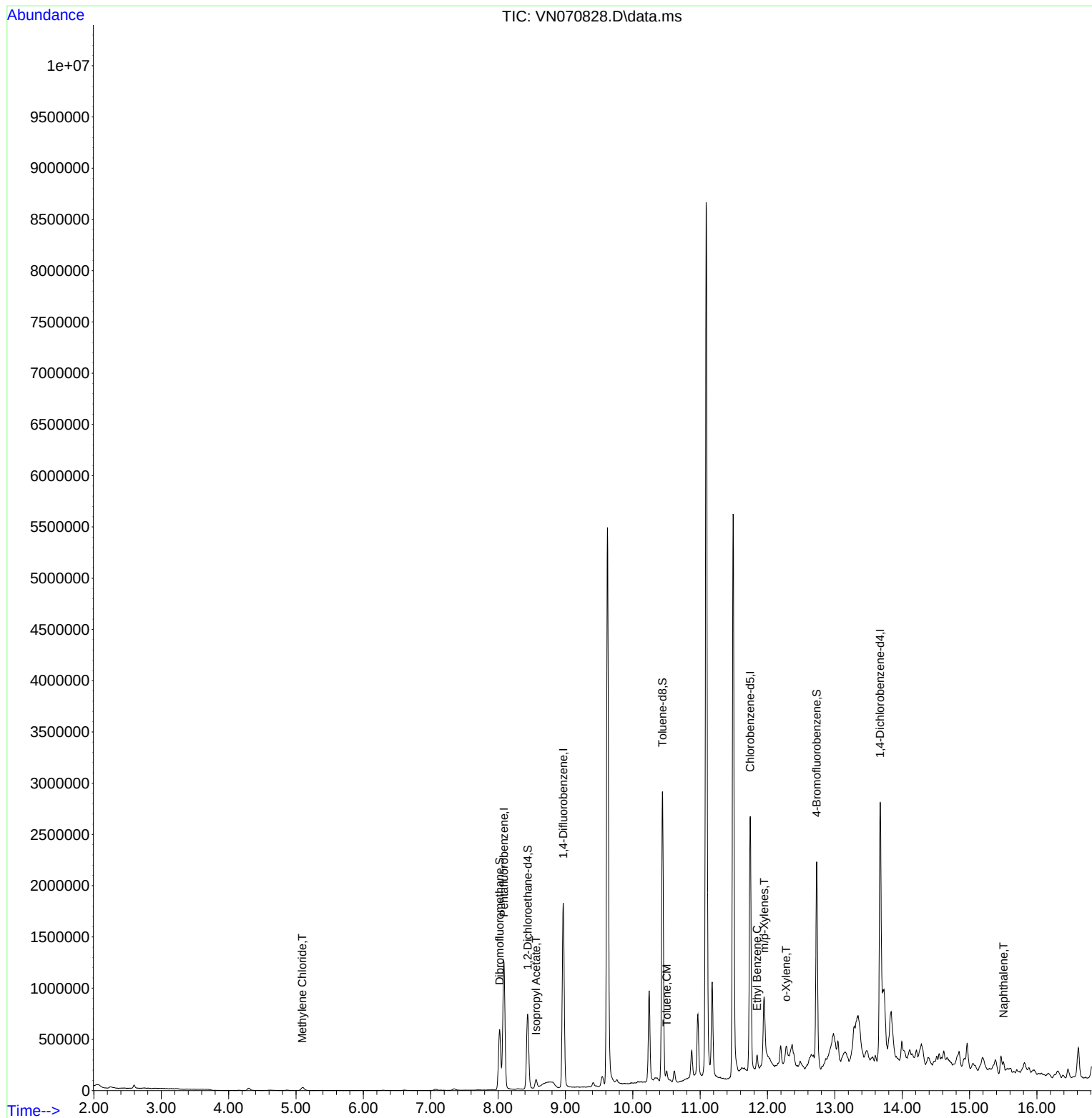
Internal Standards						
1) Pentafluorobenzene	8.086	168	944530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1556403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1461948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	725543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	642703	47.479	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.960%		
35) Dibromofluoromethane	8.024	113	438769	45.448	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.900%		
50) Toluene-d8	10.440	98	1957604	48.132	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.260%		
62) 4-Bromofluorobenzene	12.731	95	744578	51.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.740%		
Target Compounds						Qvalue
20) Methylene Chloride	5.093	84	22673	1.832	ug/l	95
43) Isopropyl Acetate	8.563	43	118142	3.585	ug/l #	84
52) Toluene	10.505	92	40933	1.359	ug/l	93
67) Ethyl Benzene	11.843	91	100272	1.707	ug/l	99
68) m/p-Xylenes	11.950	106	177126	8.291	ug/l	81
69) o-Xylene	12.278	106	28867	1.362	ug/l	96
95) Naphthalene	15.504	128	104227	7.445	ug/l	96

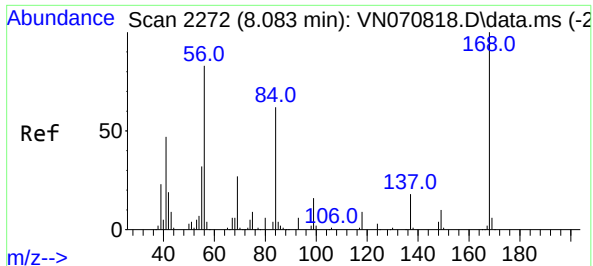
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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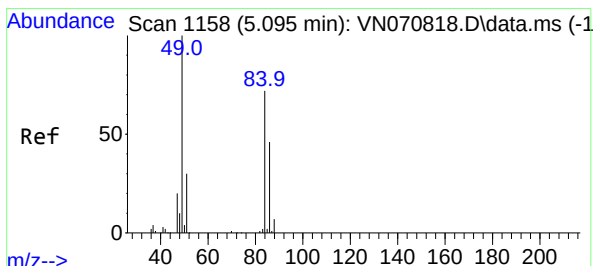
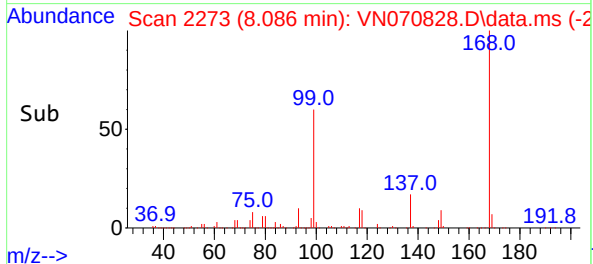
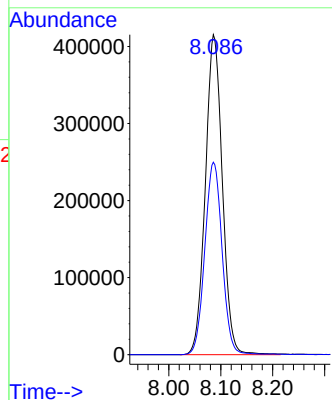
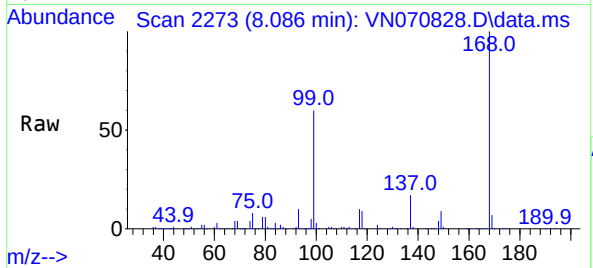




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

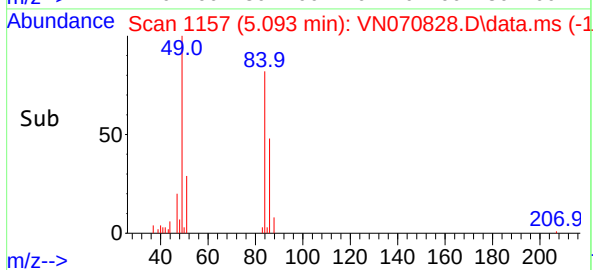
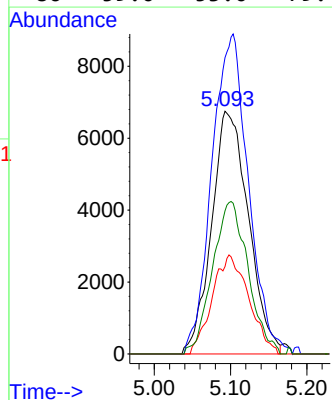
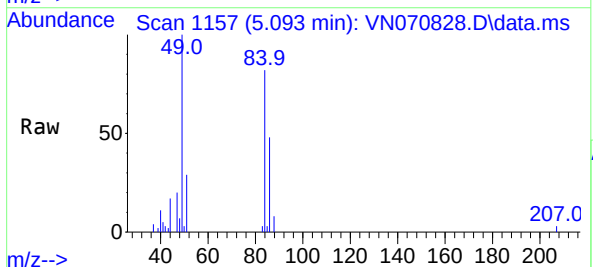
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#05

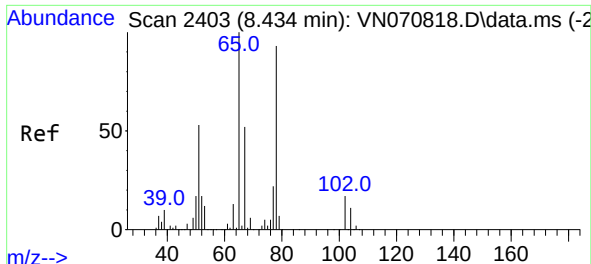
Tgt Ion:168 Resp: 944530
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#20
Methylene Chloride
Concen: 1.832 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

Tgt Ion: 84 Resp: 22673
Ion Ratio Lower Upper
84 100
49 122.1 93.5 140.3
51 36.0 29.4 44.2
86 59.0 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 47.479 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.006 min

Lab File: VN070828.D

Acq: 28 Jan 2022 14:54

Instrument :

MSVOA_N

ClientSampleId :

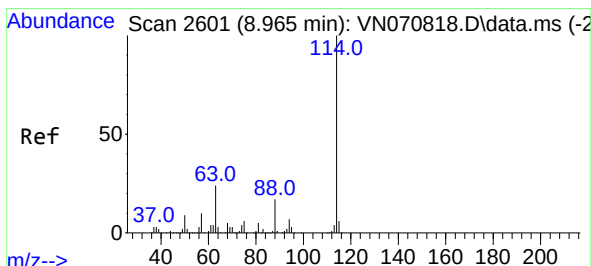
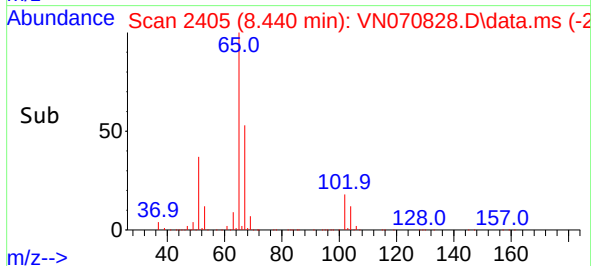
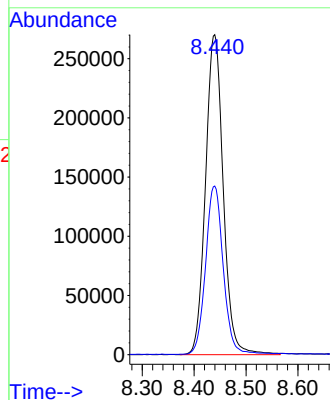
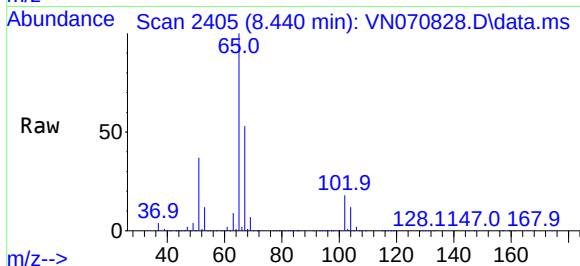
PB142316ZHE#05

Tgt Ion: 65 Resp: 642703

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070828.D

Acq: 28 Jan 2022 14:54

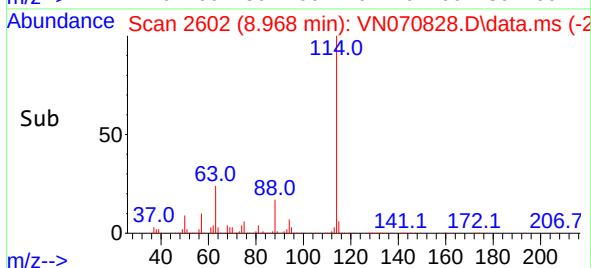
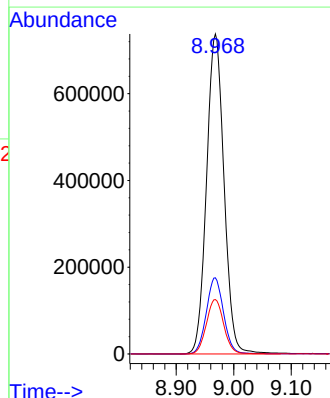
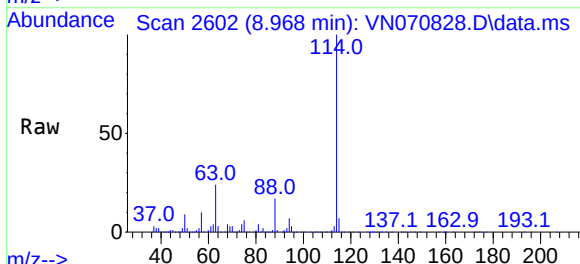
Tgt Ion: 114 Resp: 1556403

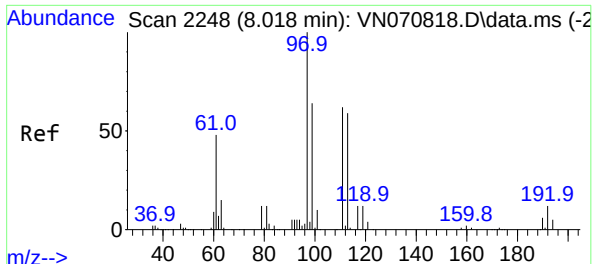
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 17.0 0.0 27.4

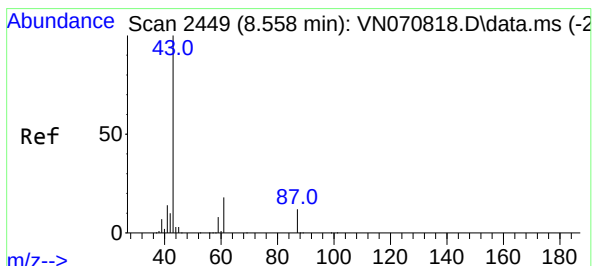
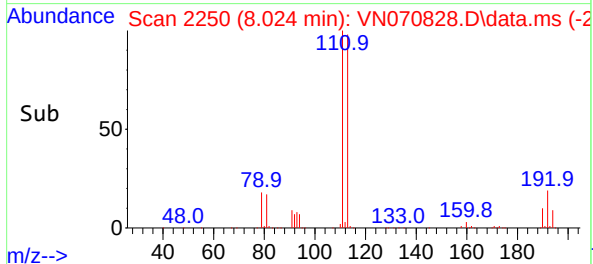
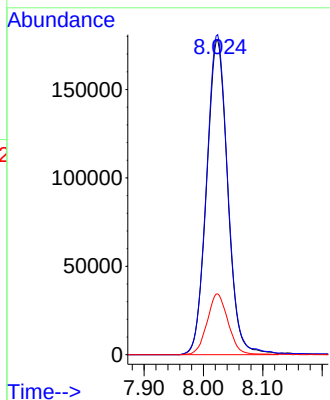
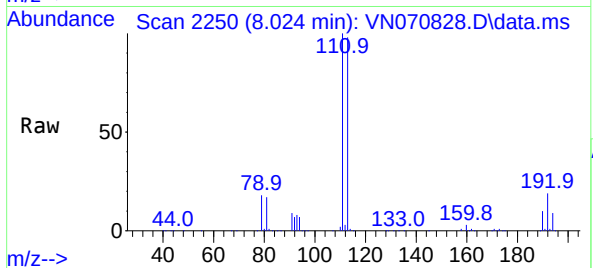




#35
Dibromofluoromethane
Concen: 45.448 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

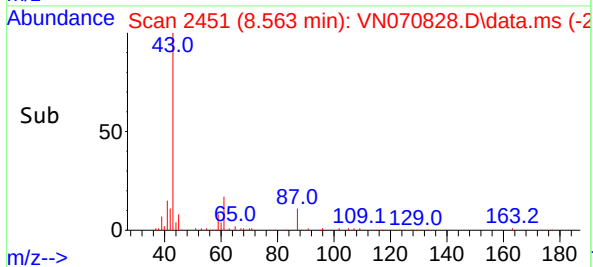
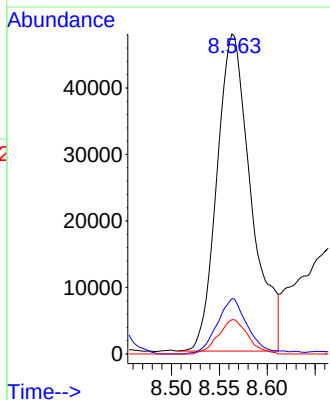
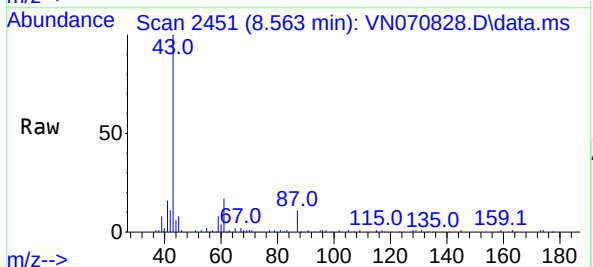
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#05

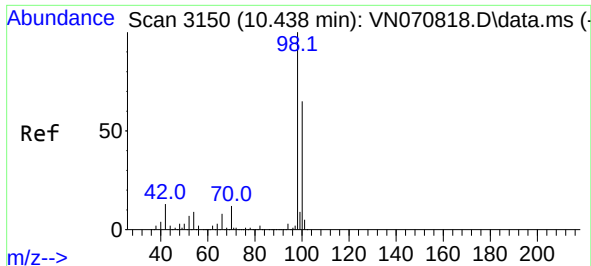
Tgt Ion:113 Resp: 438769
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.3 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.585 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

Tgt Ion: 43 Resp: 118142
Ion Ratio Lower Upper
43 100
61 15.7 20.4 30.6#
87 9.4 11.2 16.8#

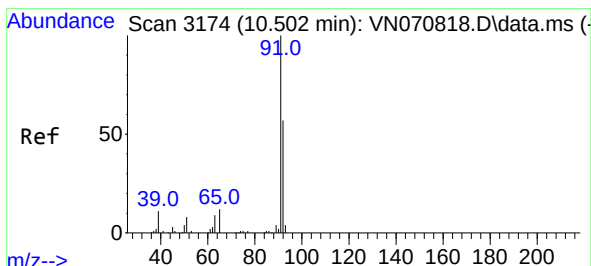
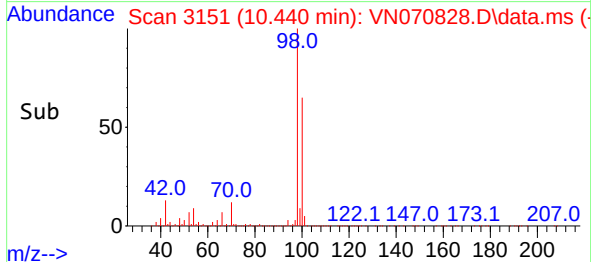
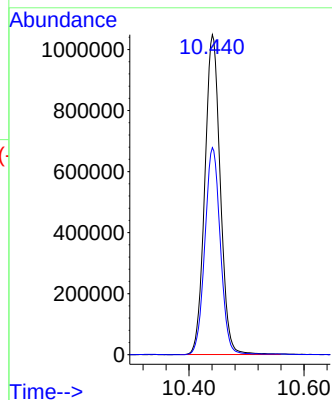
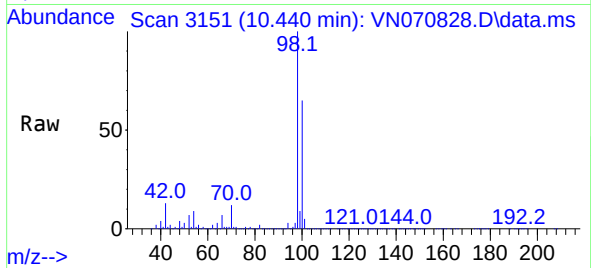




#50
Toluene-d8
Concen: 48.132 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

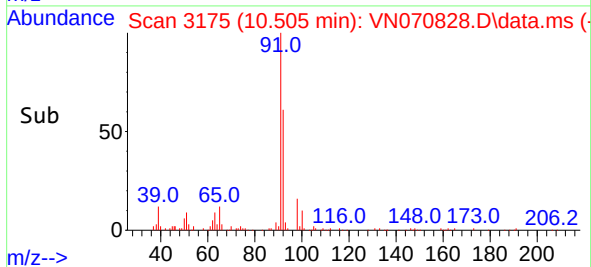
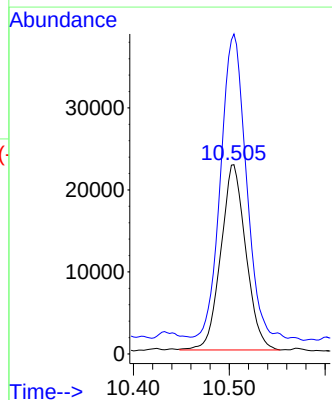
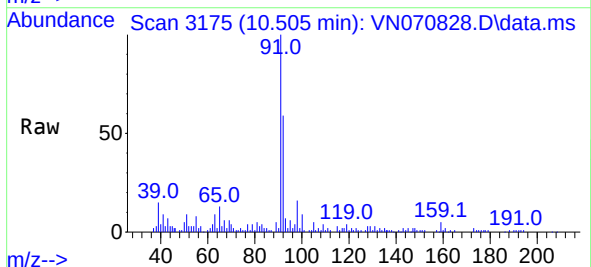
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#05

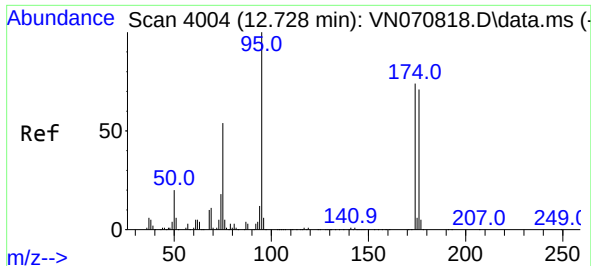
Tgt Ion: 98 Resp: 1957604
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#52
Toluene
Concen: 1.359 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

Tgt Ion: 92 Resp: 40933
Ion Ratio Lower Upper
92 100
91 167.2 142.0 213.0

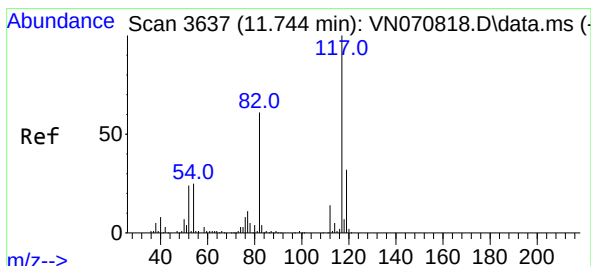
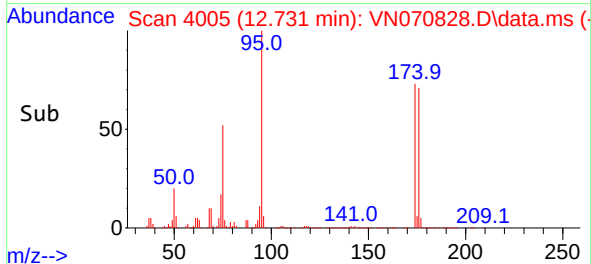
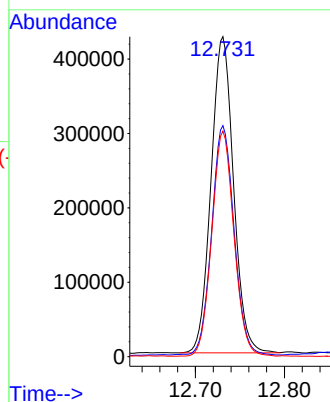
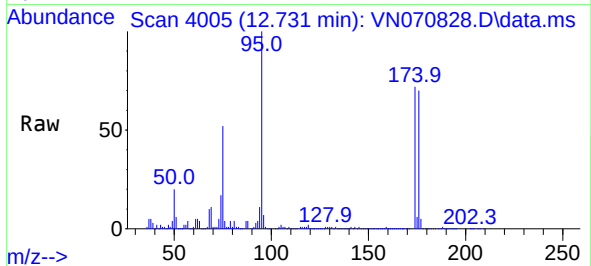




#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

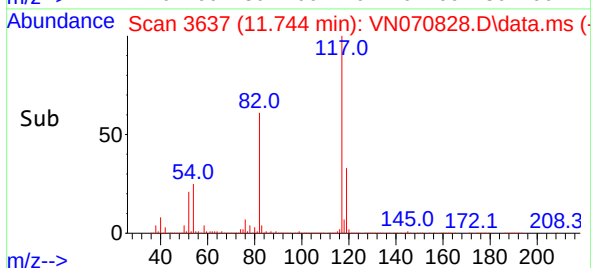
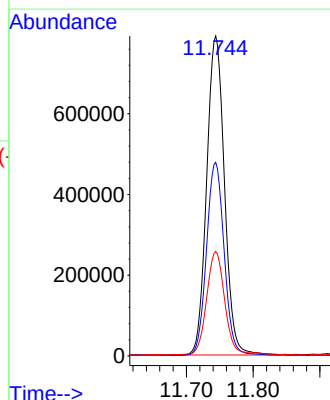
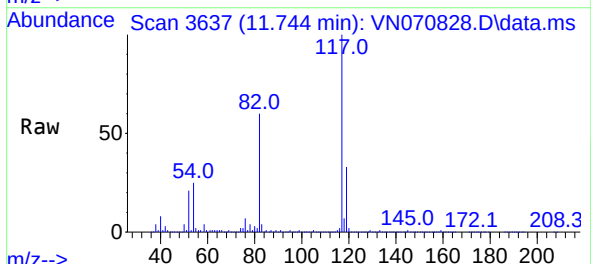
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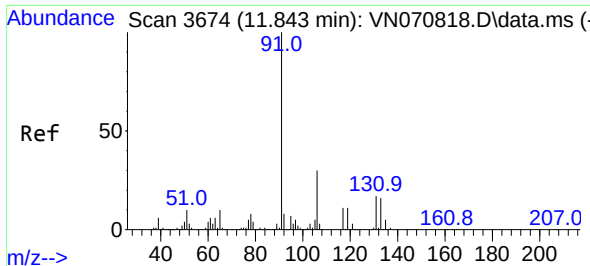
Tgt Ion: 95 Resp: 744578
Ion Ratio Lower Upper
95 100
174 72.4 0.0 187.2
176 70.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

Tgt Ion: 117 Resp: 1461948
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.3 25.4 38.2

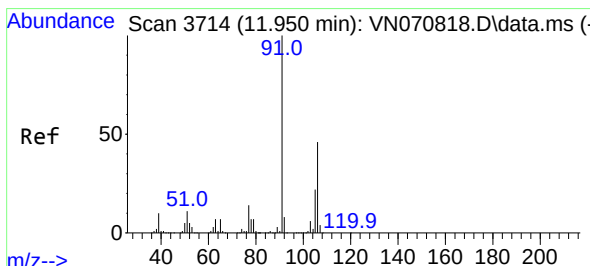
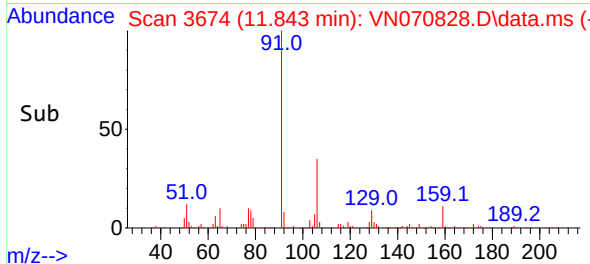
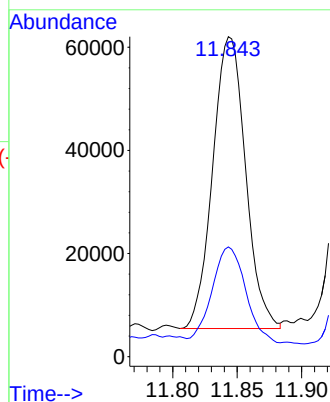
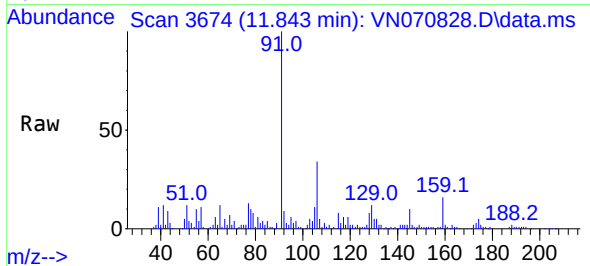




#67
Ethyl Benzene
Concen: 1.707 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

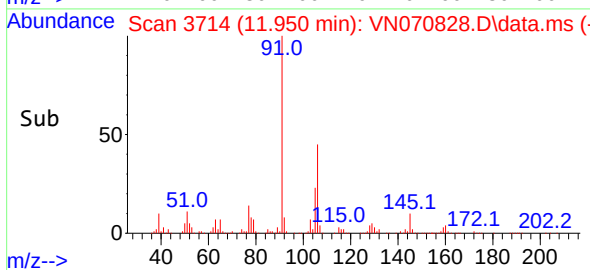
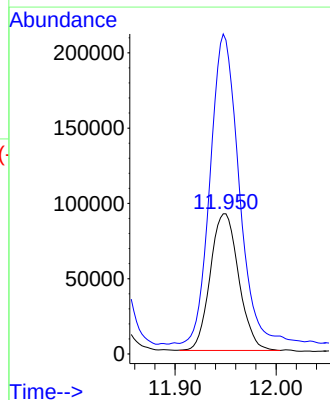
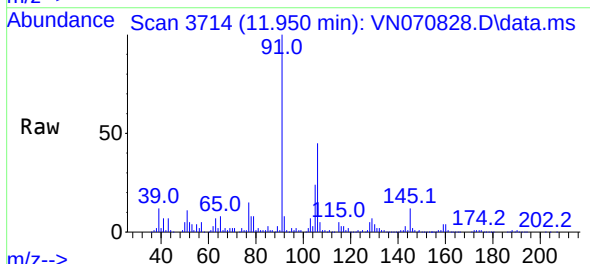
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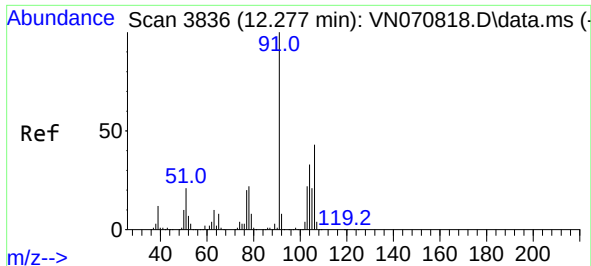
Tgt Ion: 91 Resp: 100272
Ion Ratio Lower Upper
91 100
106 32.8 25.7 38.5



#68
m/p-Xylenes
Concen: 8.291 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

Tgt Ion:106 Resp: 177126
Ion Ratio Lower Upper
106 100
91 229.0 160.6 240.8

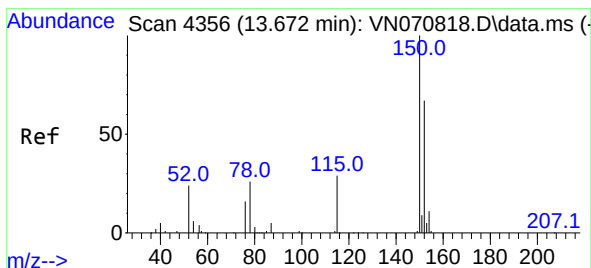
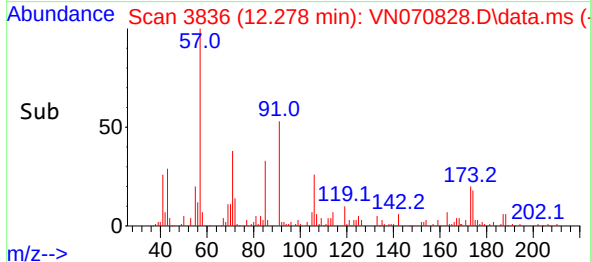
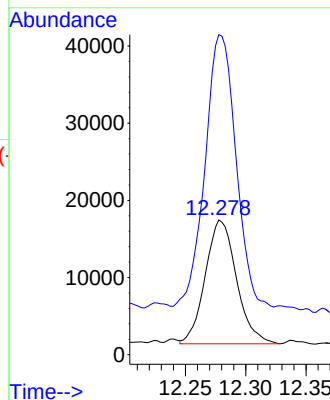
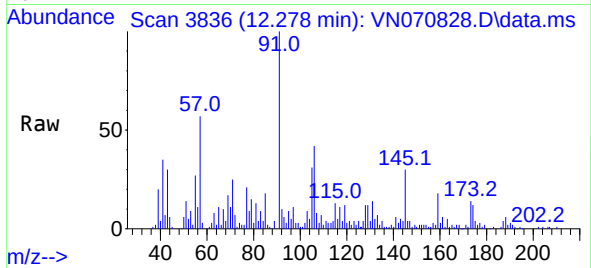




#69
o-Xylene
Concen: 1.362 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

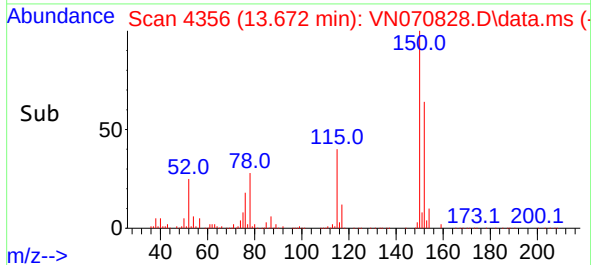
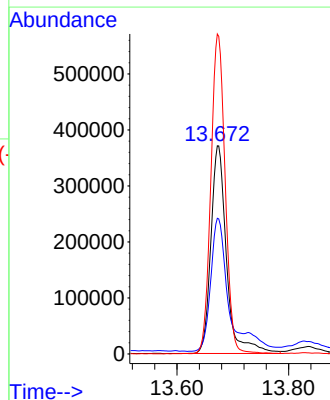
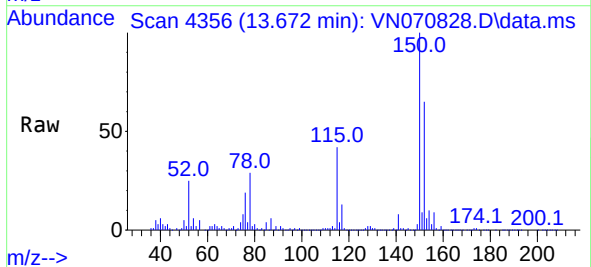
Instrument :
MSVOA_N
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PB142316ZHE#05

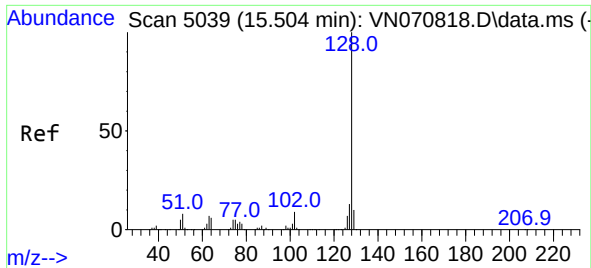
Tgt Ion:106 Resp: 28867
Ion Ratio Lower Upper
106 100
91 217.1 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070828.D
Acq: 28 Jan 2022 14:54

Tgt Ion:152 Resp: 725543
Ion Ratio Lower Upper
152 100
115 65.6 27.5 82.5
150 139.7 0.0 344.4





#95

Naphthalene

Concen: 7.445 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.000 min

Lab File: VN070828.D

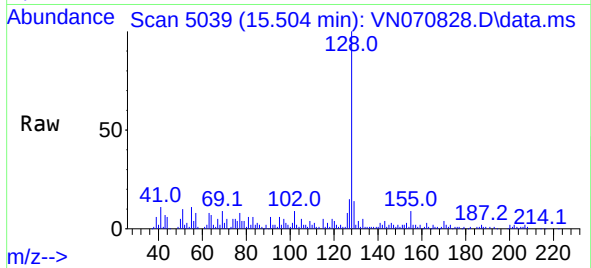
Acq: 28 Jan 2022 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB142316ZHE#05



Tgt Ion:128 Resp: 104227

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 12.7 8.7 13.1

