

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070830.D
 Acq On : 28 Jan 2022 15:45
 Operator : JC/MD
 Sample : PB142316ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316ZHE#07

Quant Time: Jan 28 23:17:34 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)

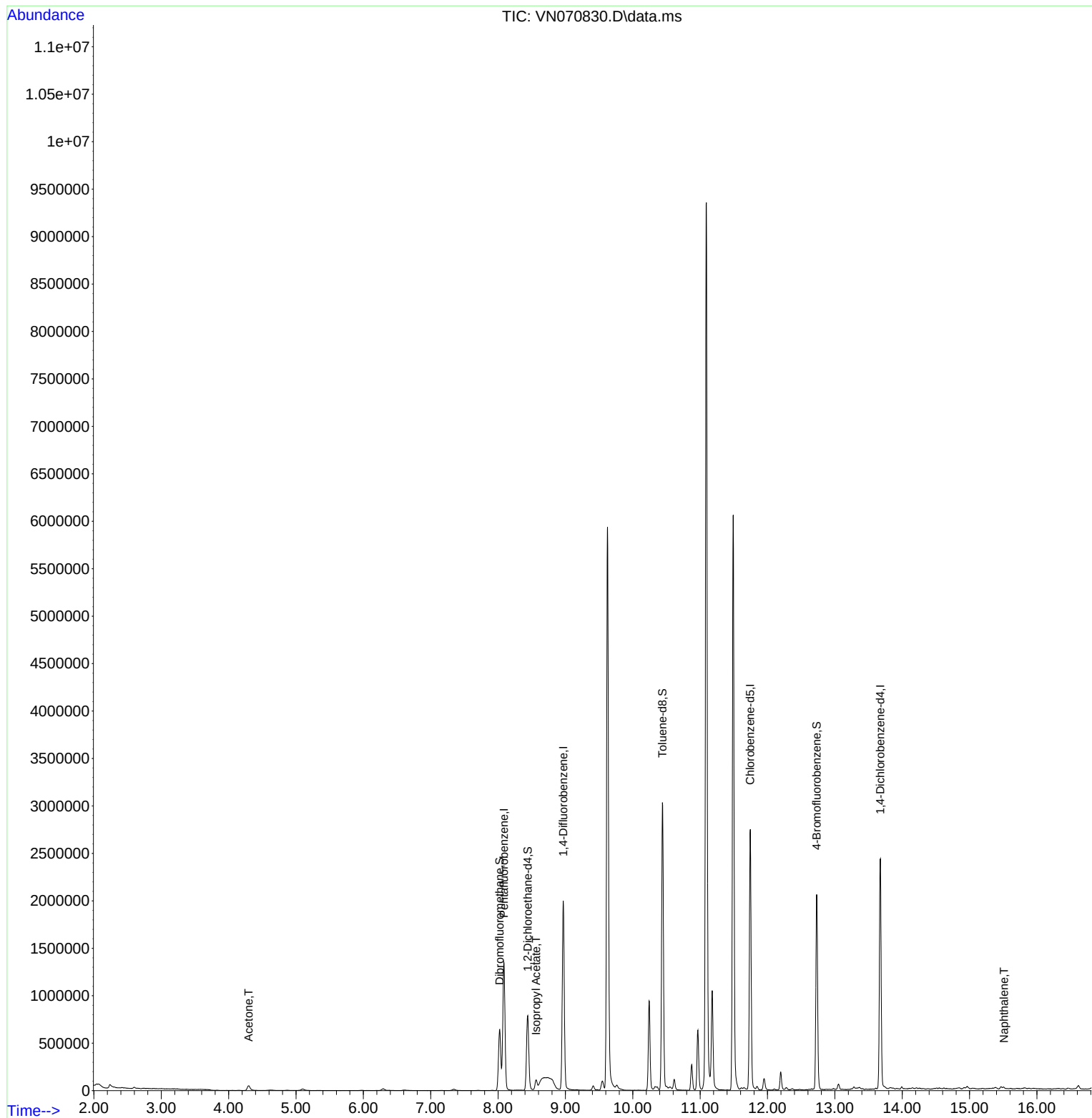
Internal Standards						
1) Pentafluorobenzene	8.086	168	1024063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1717490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1591502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	668771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	694542	47.324	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.640%
35) Dibromofluoromethane	8.024	113	482542	45.294	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.580%
50) Toluene-d8	10.440	98	2133188	47.530	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.731	95	769199	48.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	100062	9.823	ug/l	97
43) Isopropyl Acetate	8.563	43	133402	3.668	ug/l #	84
95) Naphthalene	15.509	128	16758	5.384	ug/l #	91

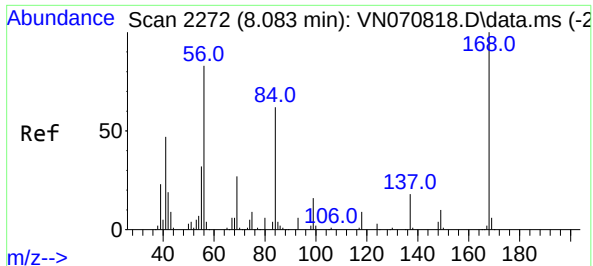
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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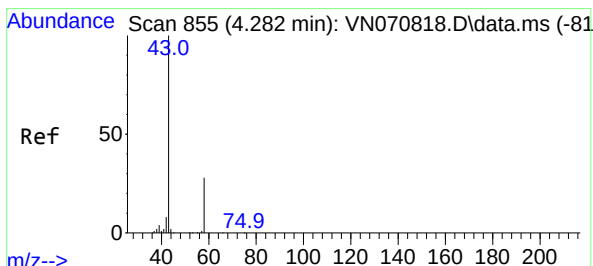
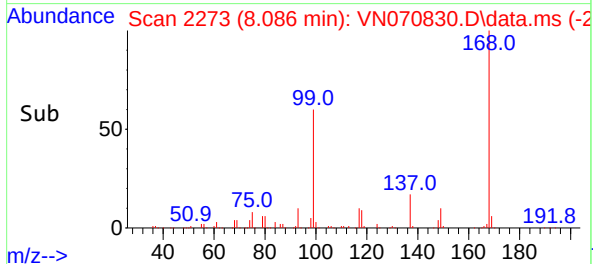
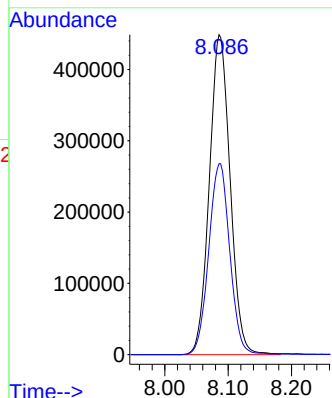
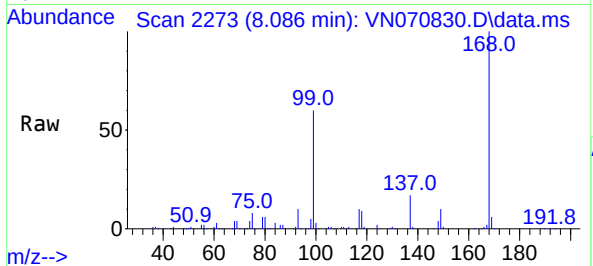




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

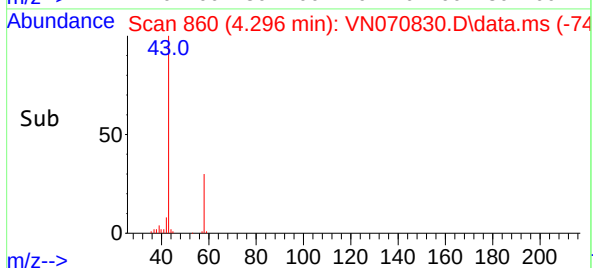
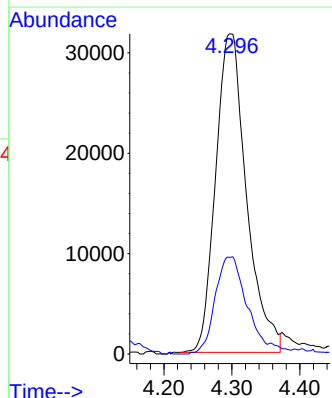
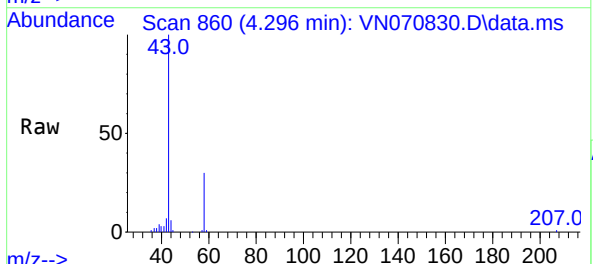
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#07

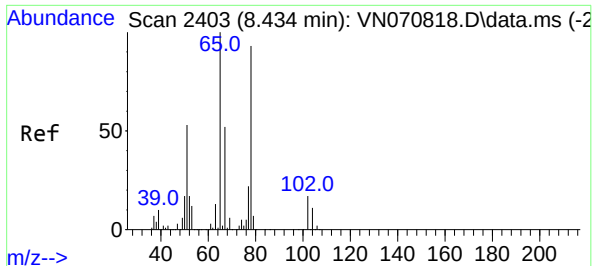
Tgt Ion:168 Resp: 1024063
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#16
Acetone
Concen: 9.823 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 43 Resp: 100062
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 47.324 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.006 min

Lab File: VN070830.D

Acq: 28 Jan 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

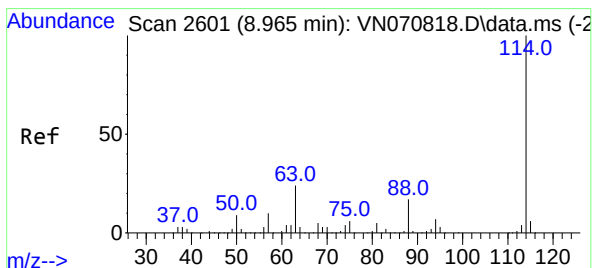
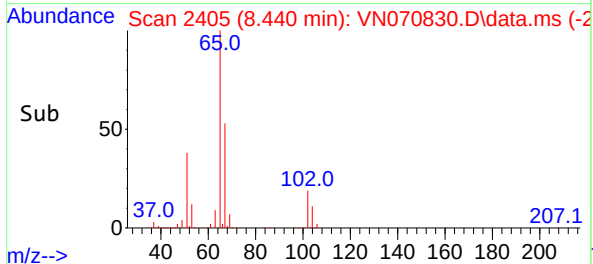
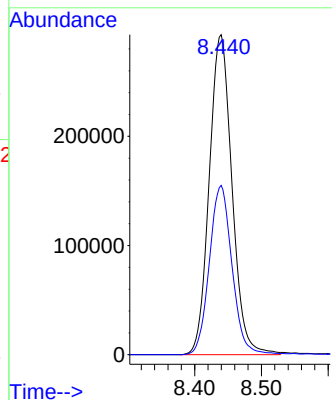
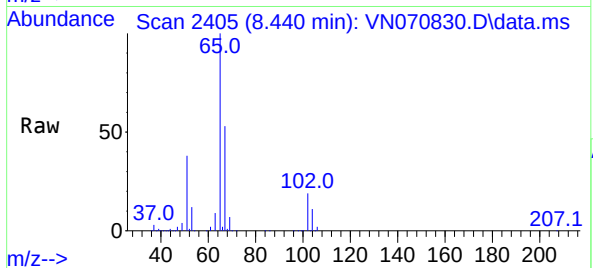
PB142316ZHE#07

Tgt Ion: 65 Resp: 694542

Ion Ratio Lower Upper

65 100

67 52.7 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: VN070830.D

Acq: 28 Jan 2022 15:45

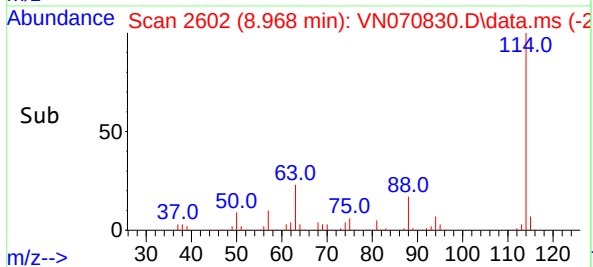
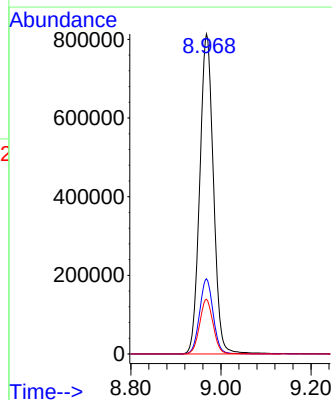
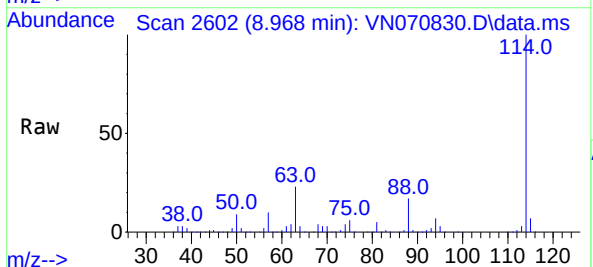
Tgt Ion: 114 Resp: 1717490

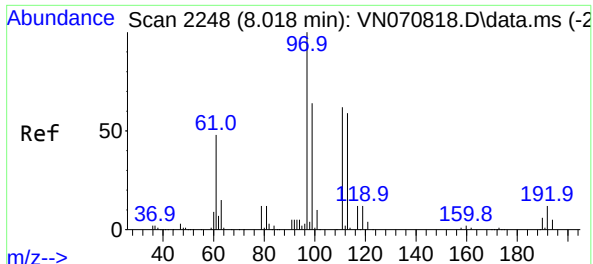
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 17.1 0.0 27.4

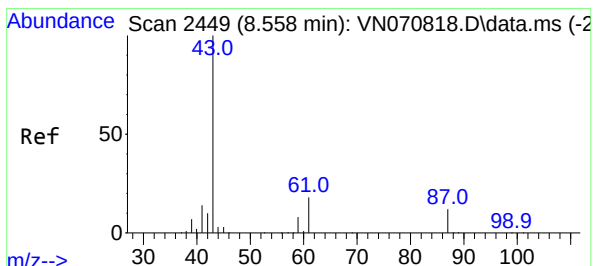
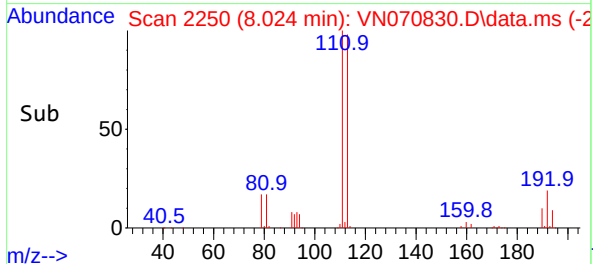
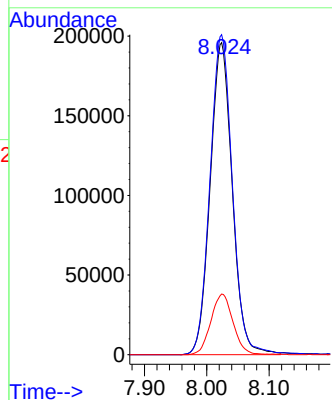
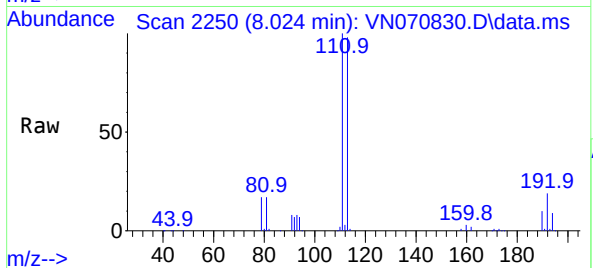




#35
Dibromofluoromethane
Concen: 45.294 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.005 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

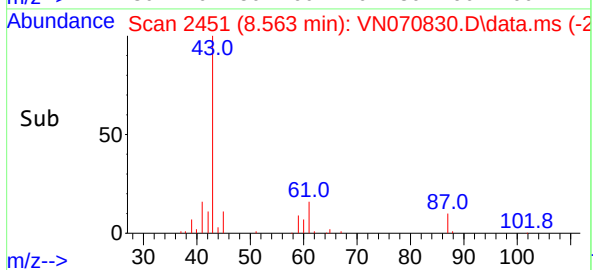
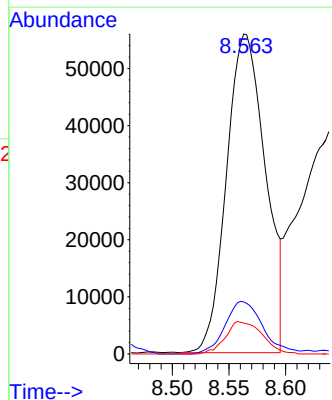
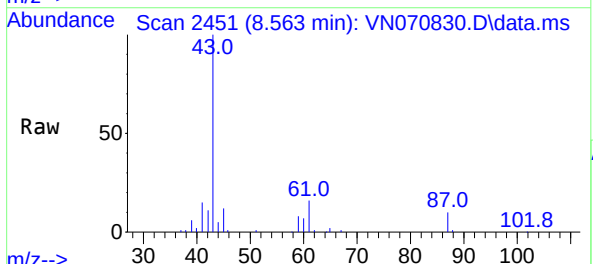
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#07

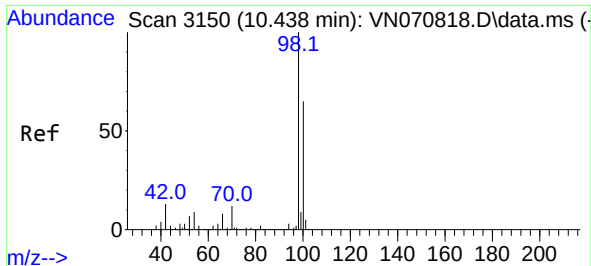
Tgt Ion:113 Resp: 482542
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.5 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.668 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 43 Resp: 133402
Ion Ratio Lower Upper
43 100
61 16.0 20.4 30.6#
87 9.6 11.2 16.8#

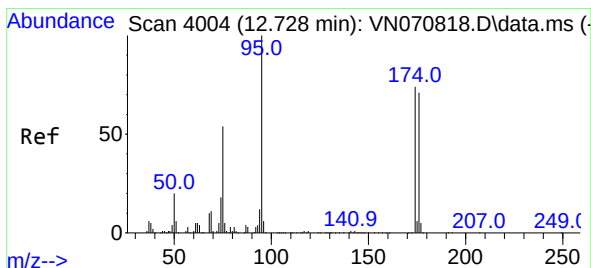
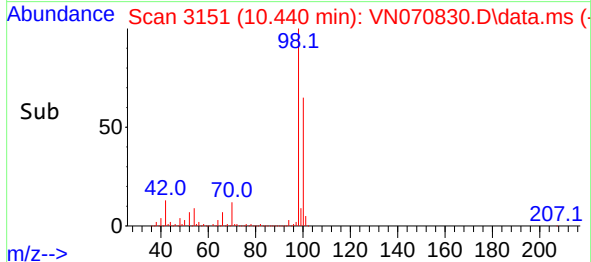
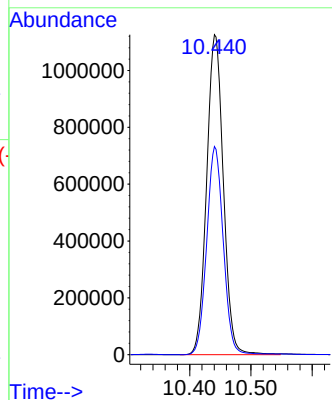
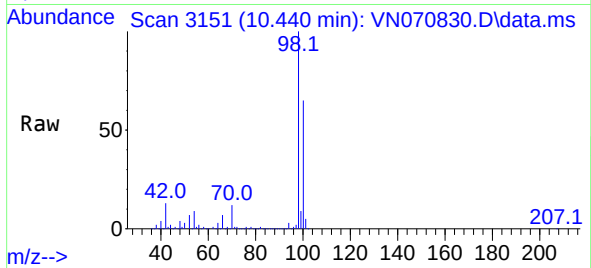




#50
Toluene-d8
Concen: 47.530 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

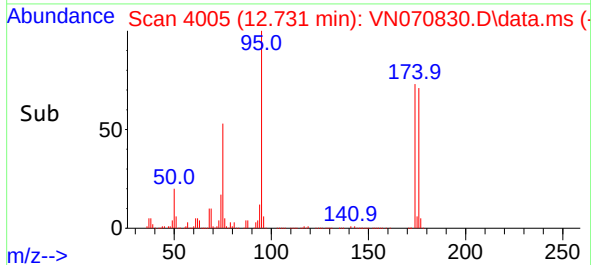
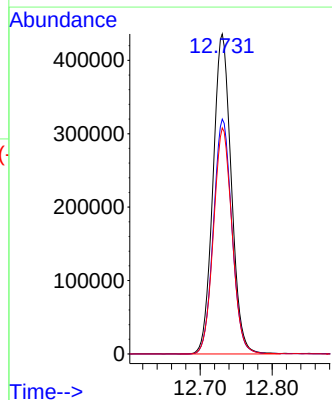
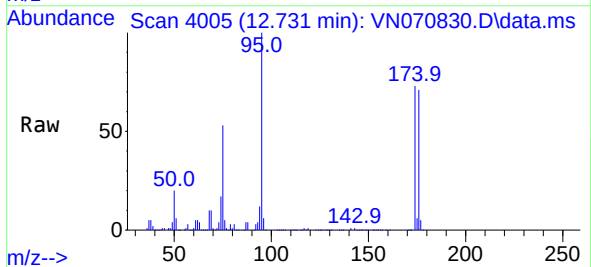
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#07

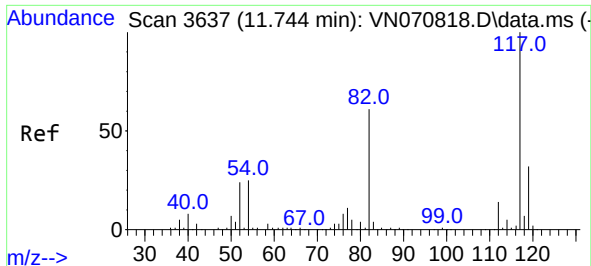
Tgt Ion: 98 Resp: 2133188
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.096 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 95 Resp: 769199
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 71.5 0.0 181.4

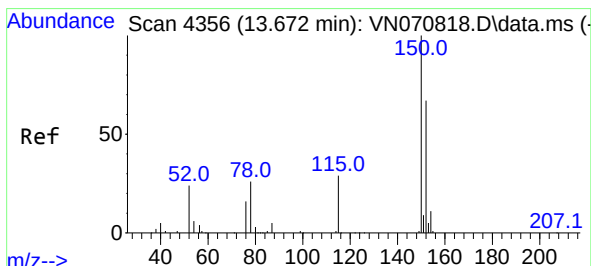
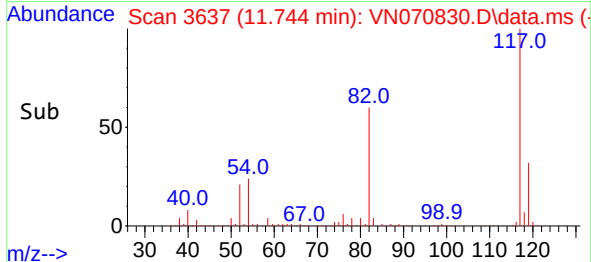
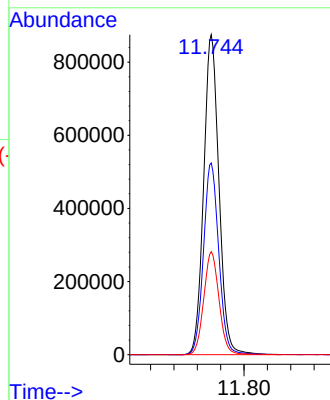
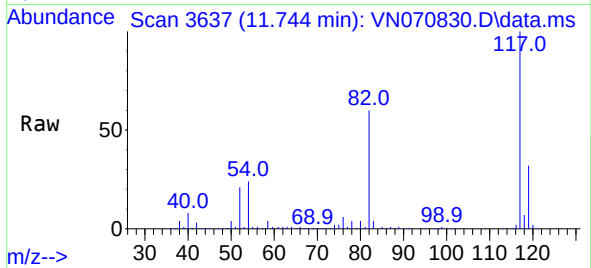




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

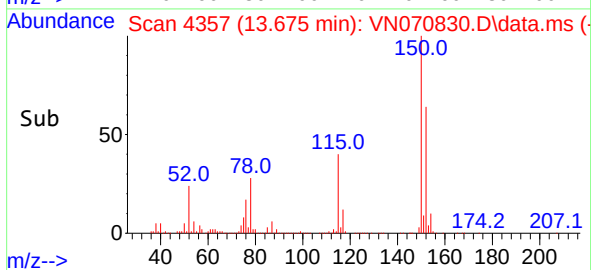
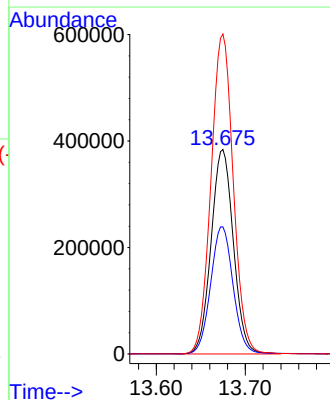
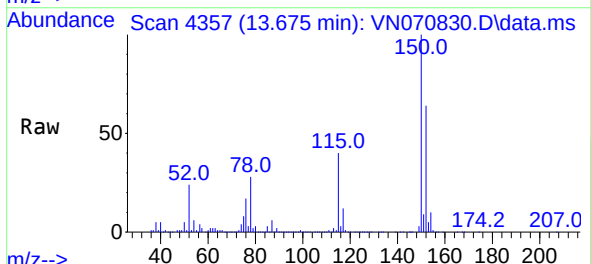
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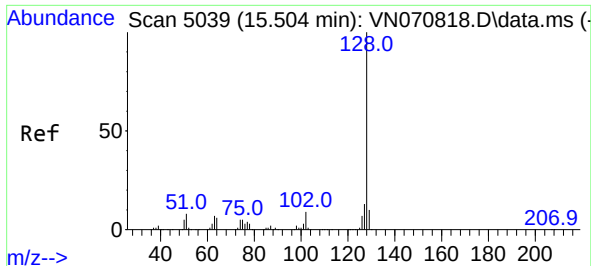
Tgt Ion:117 Resp: 1591502
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070830.D
Acq: 28 Jan 2022 15:45

Tgt Ion:152 Resp: 668771
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 156.2 0.0 344.4





#95

Naphthalene

Concen: 5.384 ug/l

RT: 15.509 min Scan# 5041

Delta R.T. 0.005 min

Lab File: VN070830.D

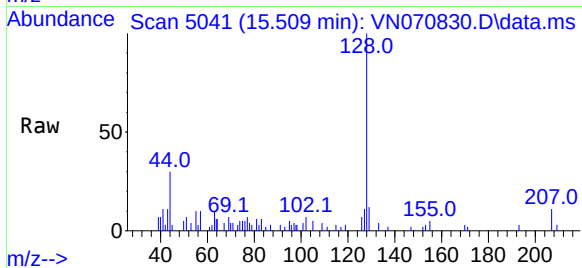
Acq: 28 Jan 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

PB142316ZHE#07



Tgt Ion:128 Resp: 16758

Ion Ratio Lower Upper

128 100

127 16.7 10.5 15.7#

129 14.3 8.7 13.1#

