

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070835.D
 Acq On : 28 Jan 2022 17:52
 Operator : JC/MD
 Sample : PB142316ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316ZHE#03

Quant Time: Jan 28 23:18:27 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)

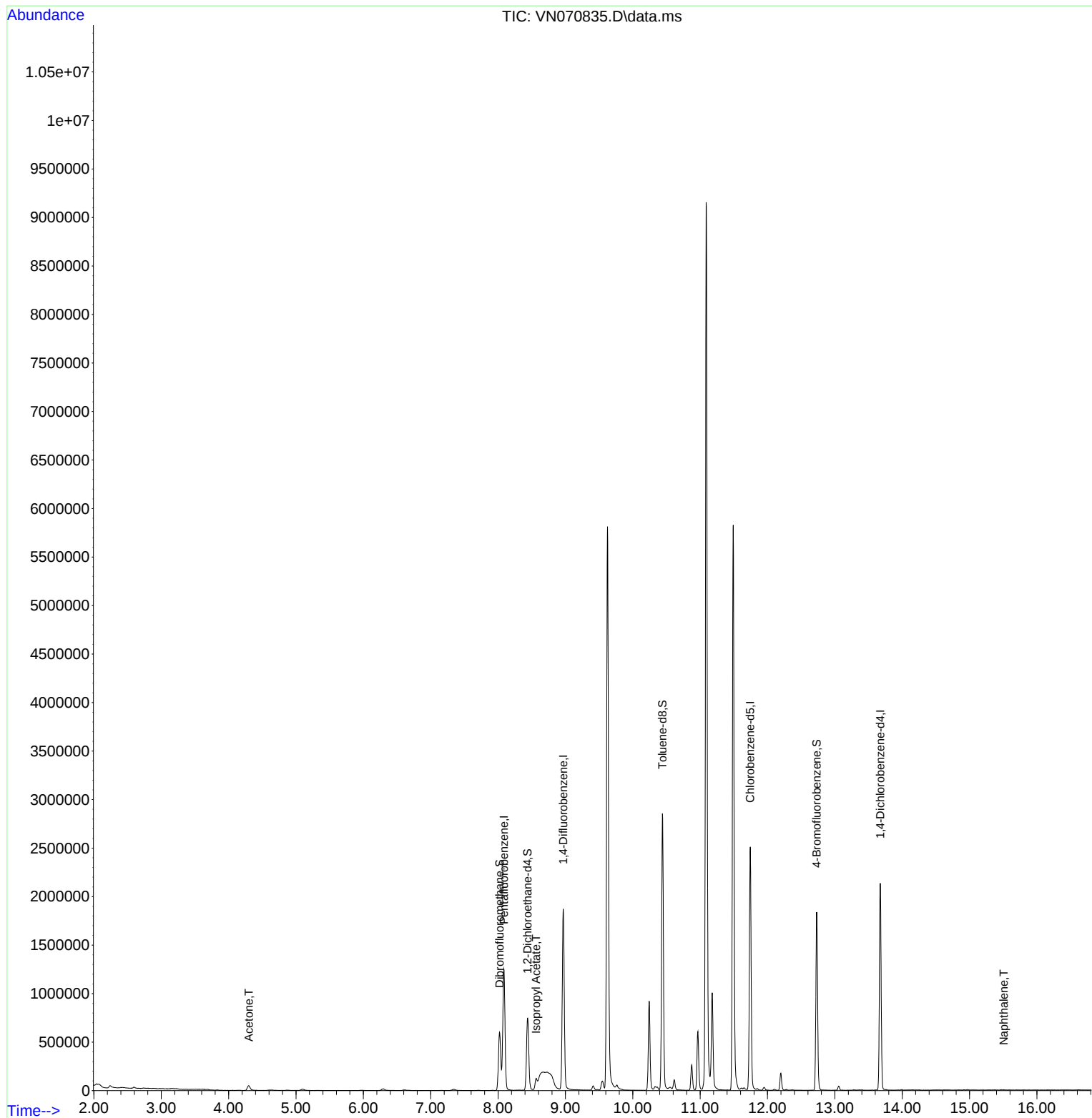
Internal Standards						
1) Pentafluorobenzene	8.086	168	949223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1604634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1461735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	588142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	657497	48.332	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.660%
35) Dibromofluoromethane	8.021	113	454701	45.682	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.360%
50) Toluene-d8	10.441	98	1983407	47.301	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.731	95	688671	46.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.180%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	99751	10.565	ug/l	98
43) Isopropyl Acetate	8.566	43	148856	4.381	ug/l #	82
95) Naphthalene	15.507	128	3628	5.056	ug/l #	84

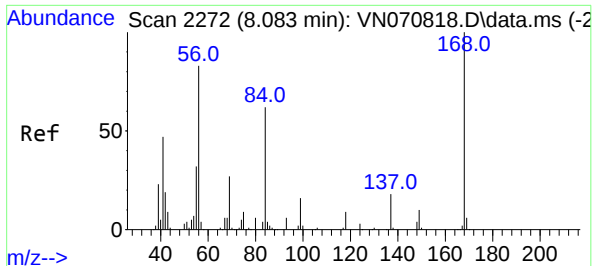
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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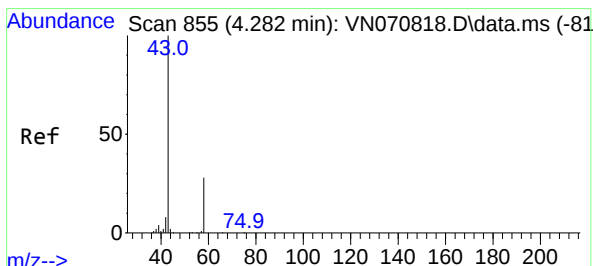
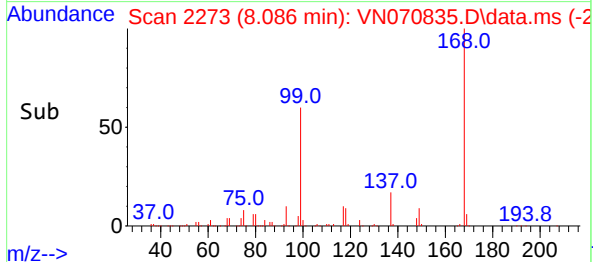
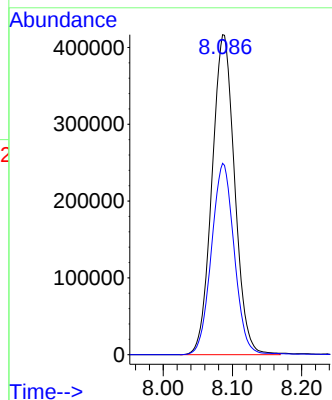
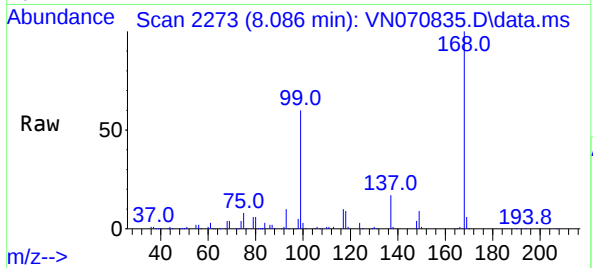




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

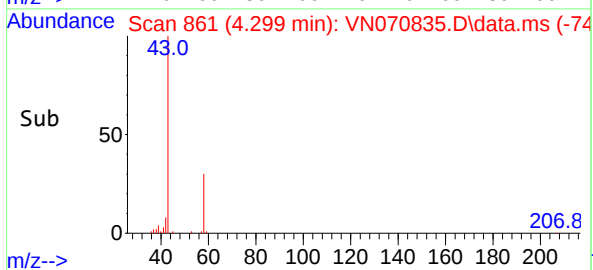
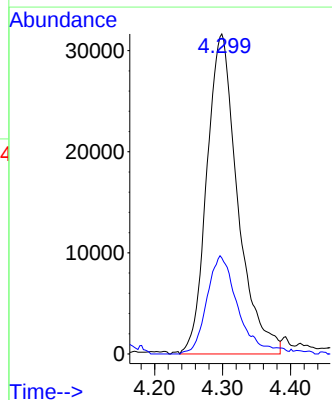
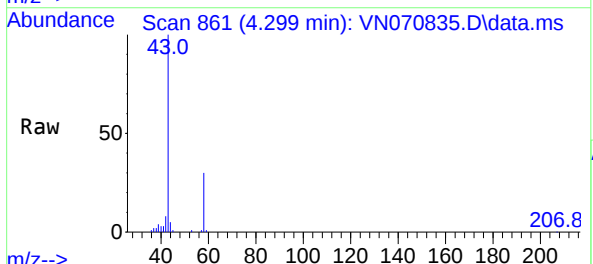
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#03

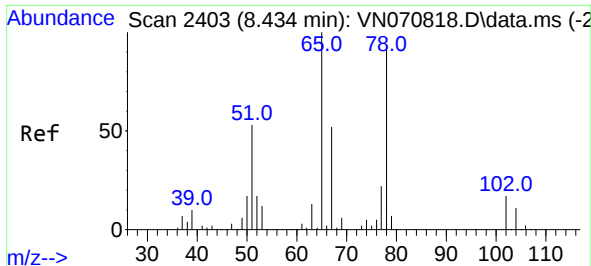
Tgt Ion:168 Resp: 949223
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#16
Acetone
Concen: 10.565 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

Tgt Ion: 43 Resp: 99751
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 48.332 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070835.D

Acq: 28 Jan 2022 17:52

Instrument :

MSVOA_N

ClientSampleId :

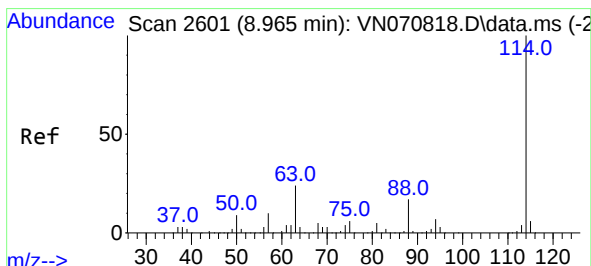
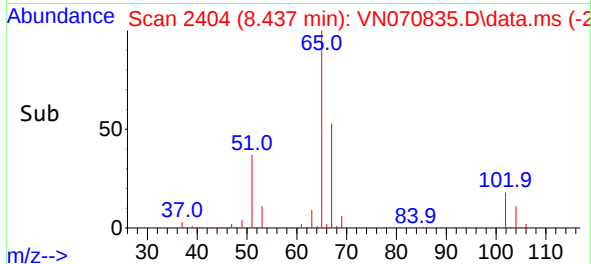
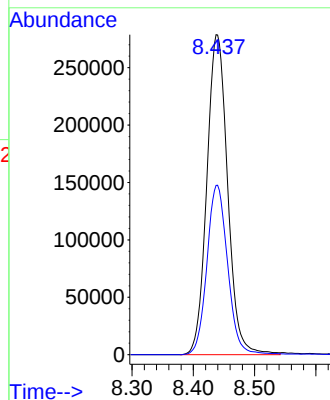
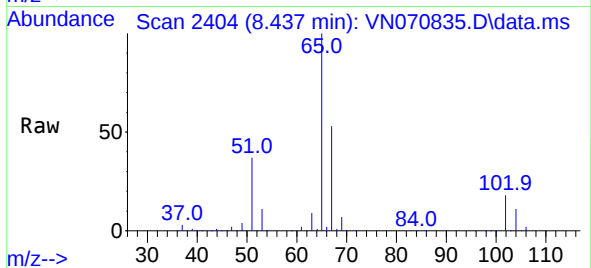
PB142316ZHE#03

Tgt Ion: 65 Resp: 657497

Ion Ratio Lower Upper

65 100

67 52.8 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: VN070835.D

Acq: 28 Jan 2022 17:52

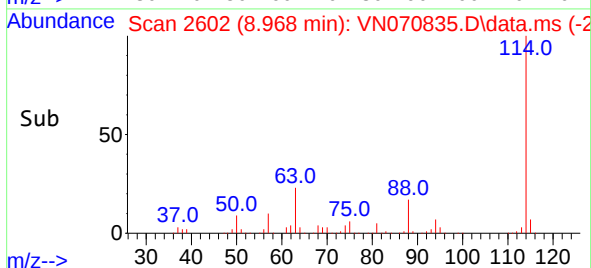
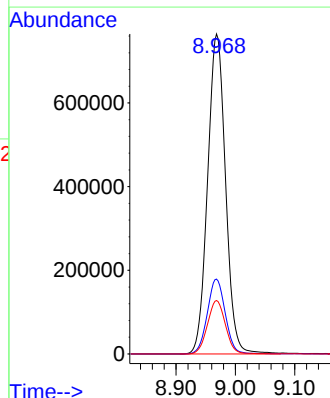
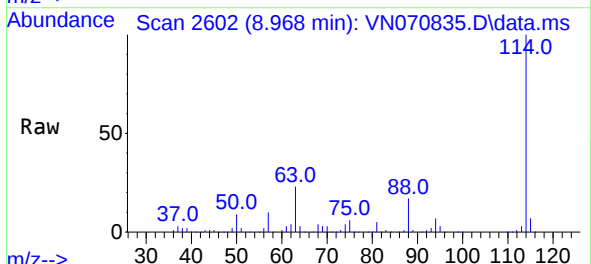
Tgt Ion: 114 Resp: 1604634

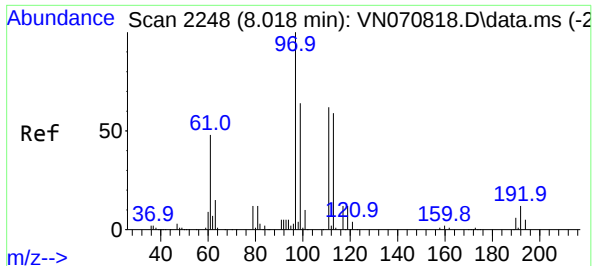
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.7 0.0 27.4

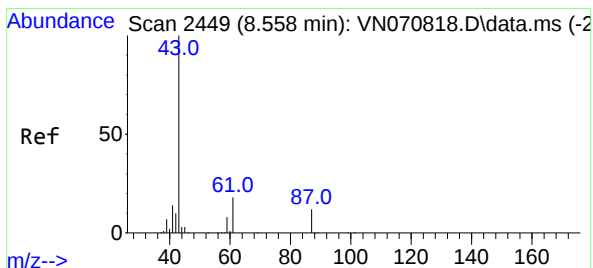
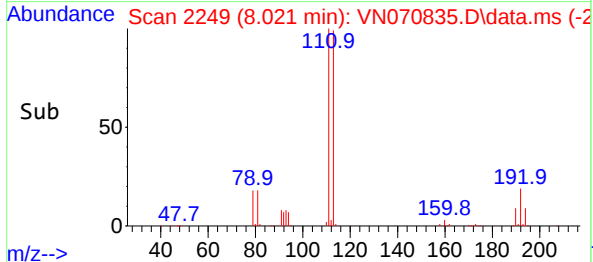
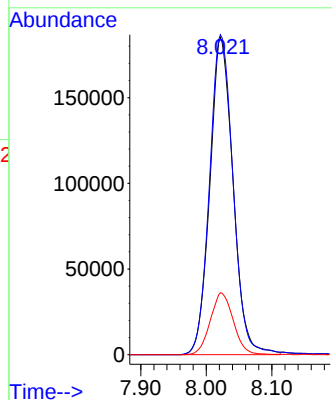
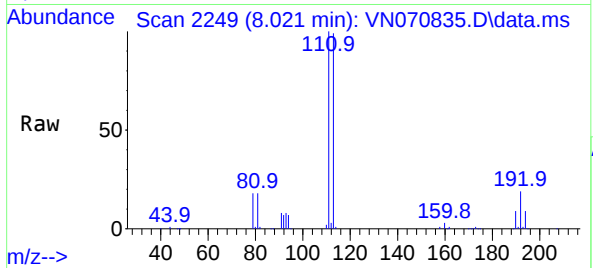




#35
Dibromofluoromethane
Concen: 45.682 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

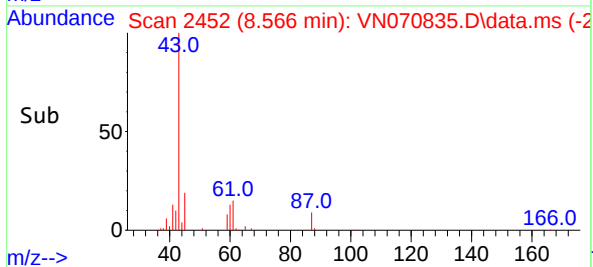
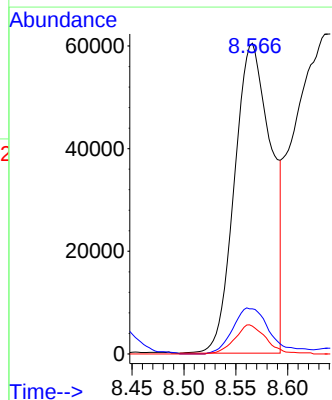
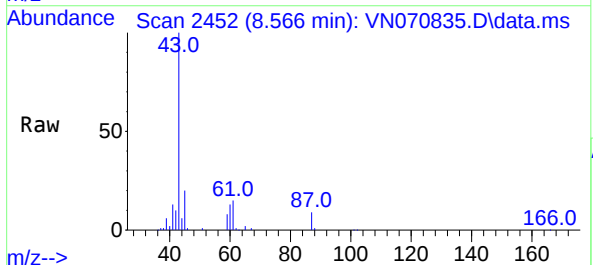
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#03

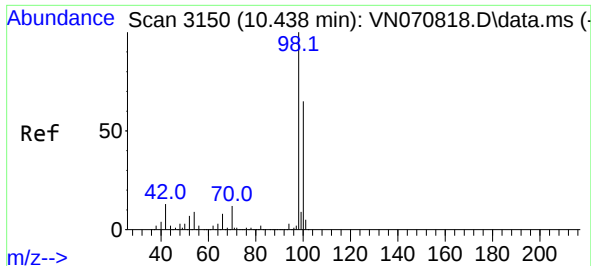
Tgt Ion:113 Resp: 454701
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.4 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.381 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.006 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

Tgt Ion: 43 Resp: 148856
Ion Ratio Lower Upper
43 100
61 15.2 20.4 30.6#
87 8.0 11.2 16.8#

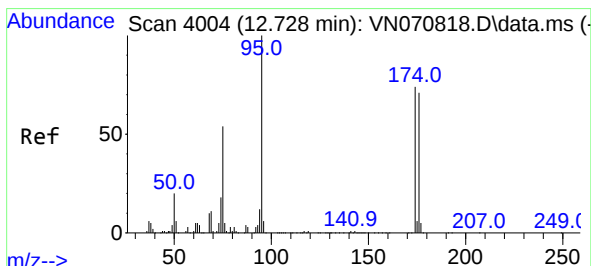
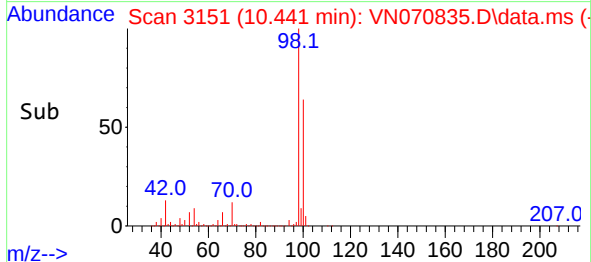
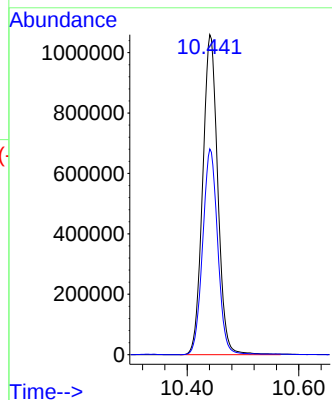
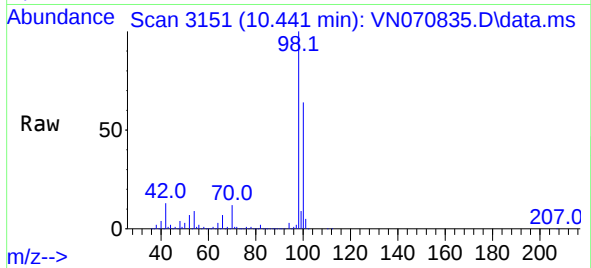




#50
Toluene-d8
Concen: 47.301 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

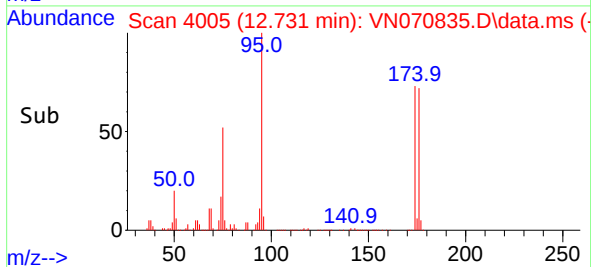
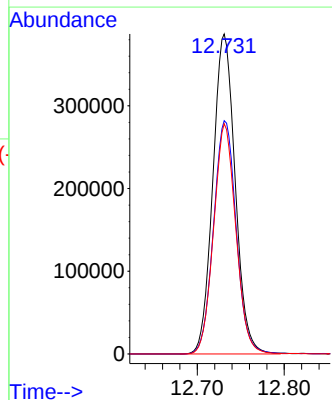
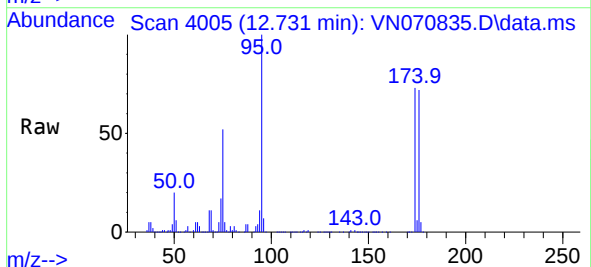
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#03

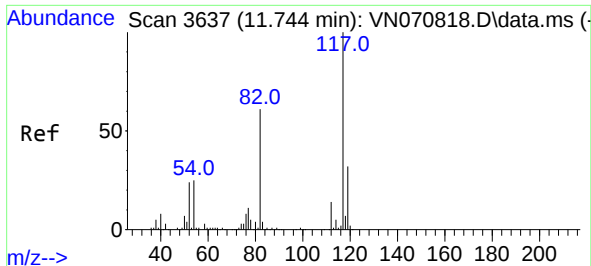
Tgt Ion: 98 Resp: 1983407
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.089 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

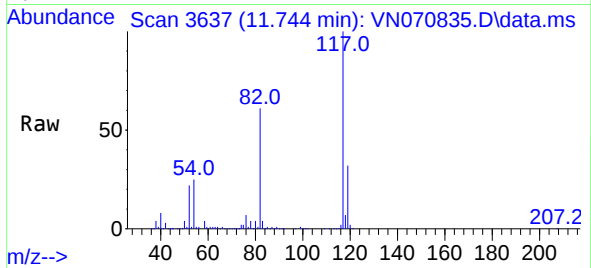
Tgt Ion: 95 Resp: 688671
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.6 0.0 181.4



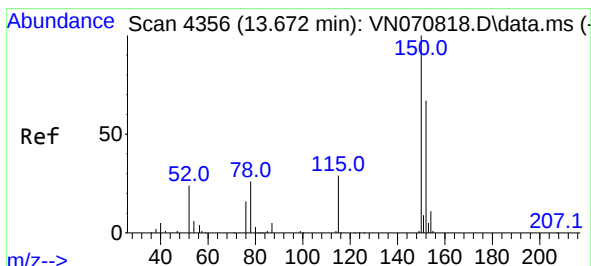
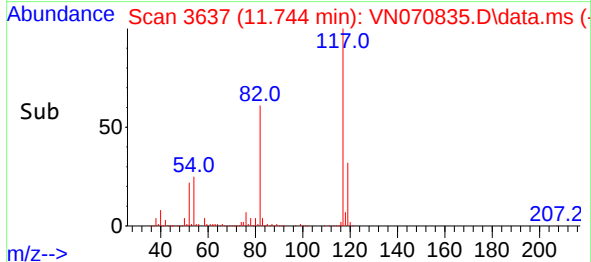
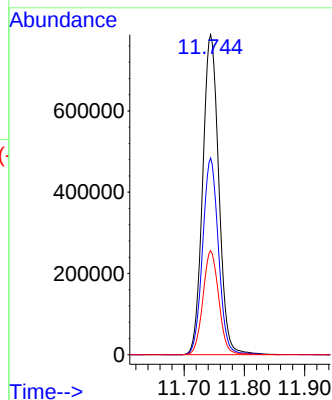


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#03

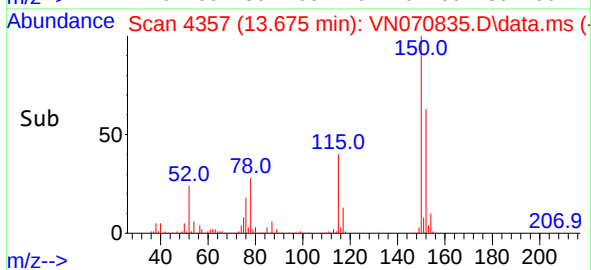
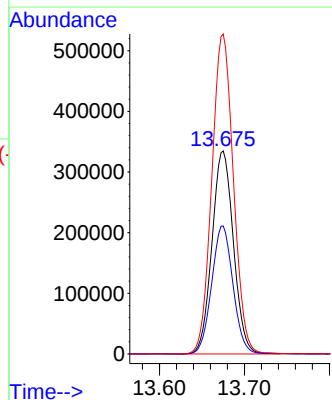
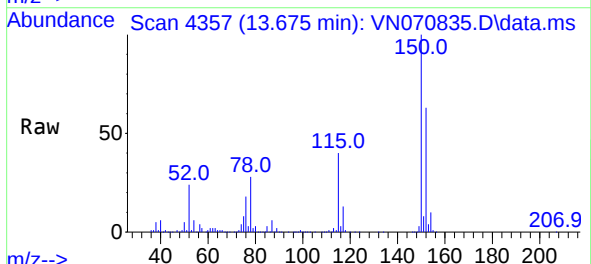


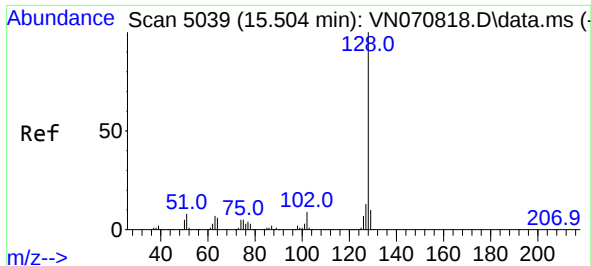
Tgt Ion:117 Resp: 1461735
Ion Ratio Lower Upper
117 100
82 61.4 42.4 63.6
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

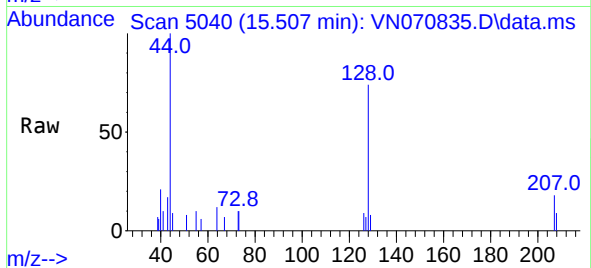
Tgt Ion:152 Resp: 588142
Ion Ratio Lower Upper
152 100
115 62.5 27.5 82.5
150 158.5 0.0 344.4





#95
Naphthalene
Concen: 5.056 ug/l
RT: 15.507 min Scan# 50
Delta R.T. 0.003 min
Lab File: VN070835.D
Acq: 28 Jan 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#03



Tgt Ion:128 Resp: 3628
Ion Ratio Lower Upper
128 100
127 7.9 10.5 15.7#
129 3.5 8.7 13.1#

