

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070754.D
 Acq On : 24 Jan 2022 14:38
 Operator : JC/MD
 Sample : PB142209ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142209ZHE#02

Quant Time: Jan 24 23:31:52 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)

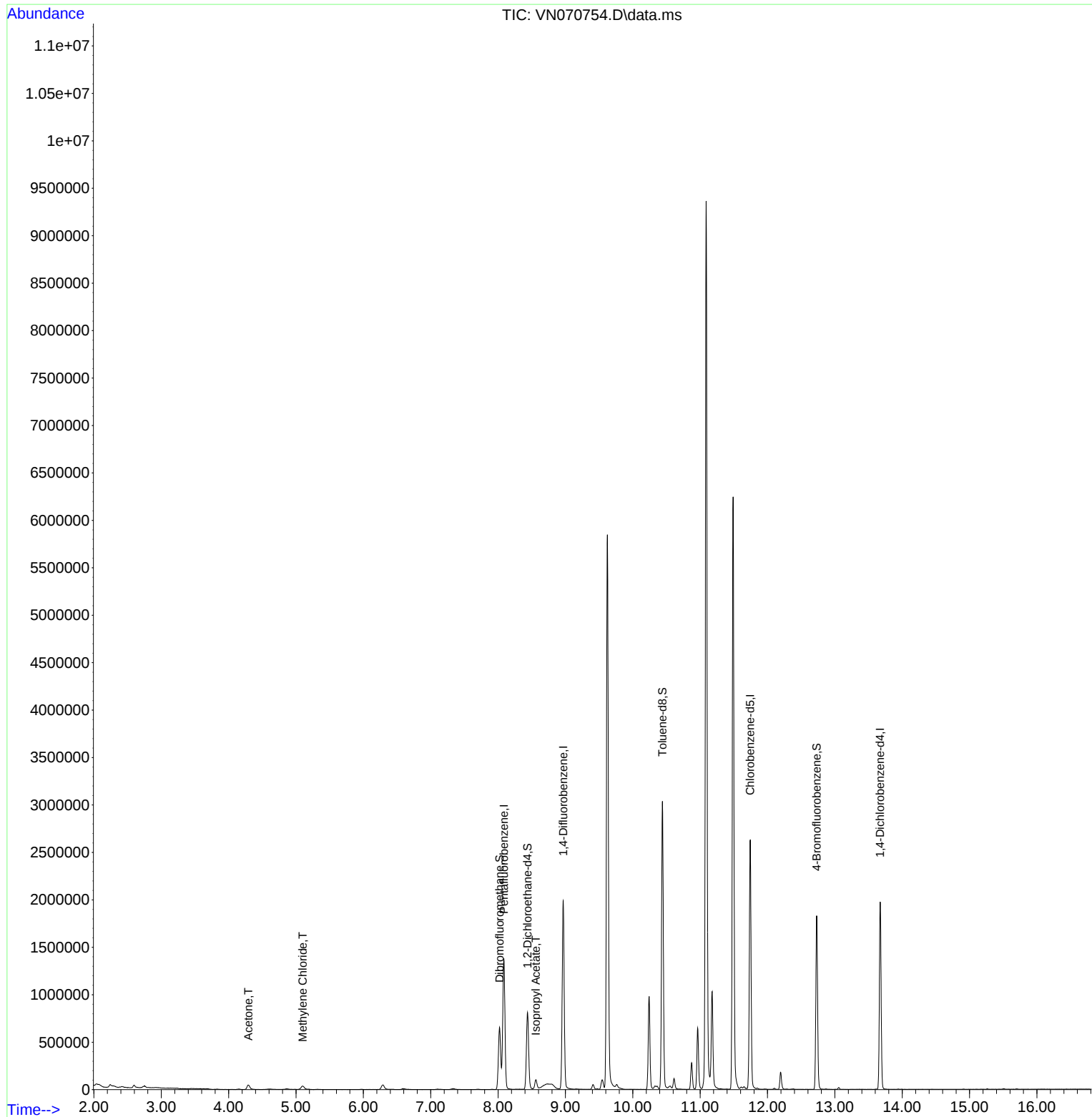
Internal Standards						
1) Pentafluorobenzene	8.086	168	1049677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1683071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1501055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	542266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	701560	46.635	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.280%
35) Dibromofluoromethane	8.021	113	487363	46.682	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.360%
50) Toluene-d8	10.440	98	2082268	47.344	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.731	95	686541	43.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.620%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	90459	8.664	ug/l	99
20) Methylene Chloride	5.098	84	26163	1.902	ug/l #	86
43) Isopropyl Acetate	8.560	43	123947	3.478	ug/l #	86

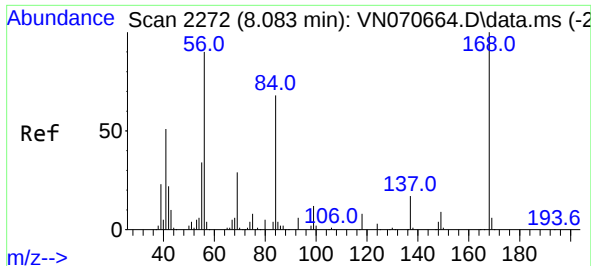
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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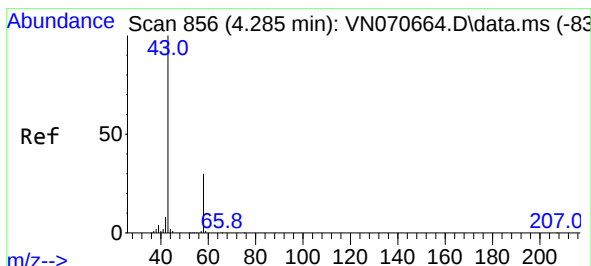
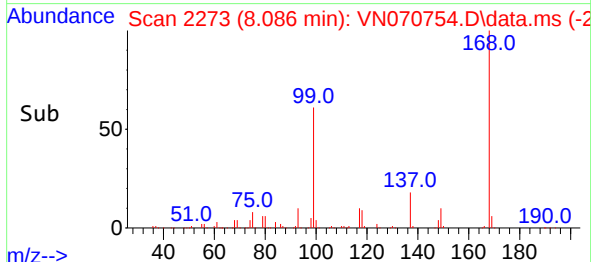
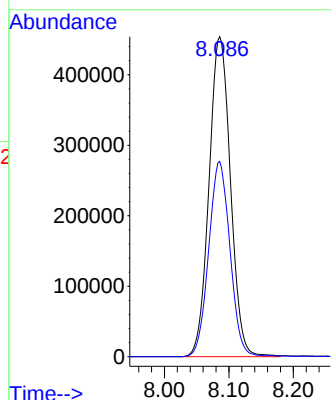
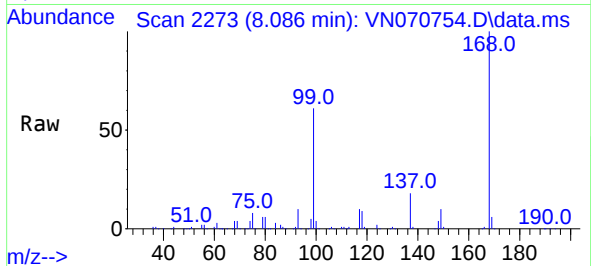




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070754.D
Acq: 24 Jan 2022 14:38

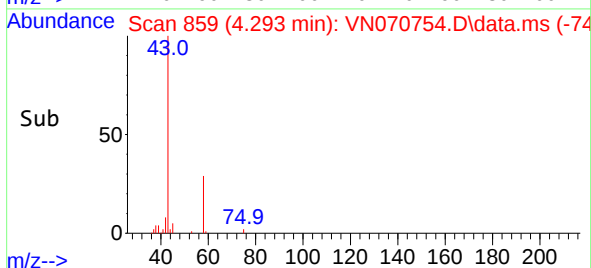
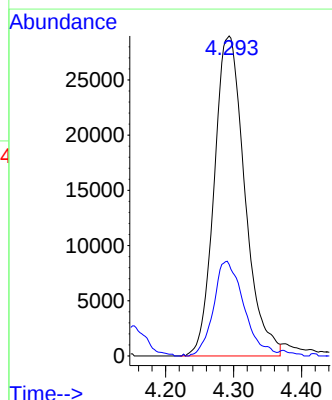
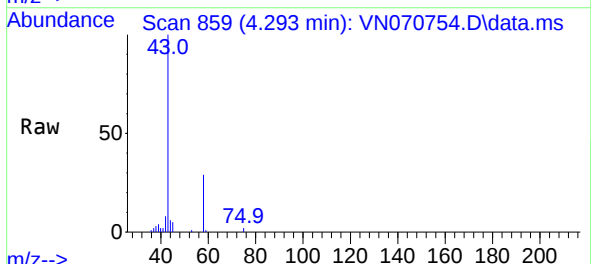
Instrument :
MSVOA_N
ClientSampleId :
PB142209ZHE#02

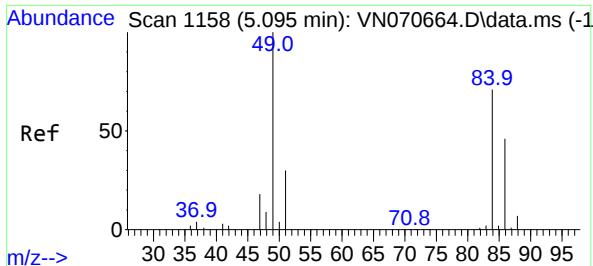
Tgt Ion:168 Resp: 1049677
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#16
Acetone
Concen: 8.664 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070754.D
Acq: 24 Jan 2022 14:38

Tgt Ion: 43 Resp: 90459
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7





#20

Methylene Chloride

Concen: 1.902 ug/l

RT: 5.098 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN070754.D

Acq: 24 Jan 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

PB142209ZHE#02

Tgt Ion: 84 Resp: 26163

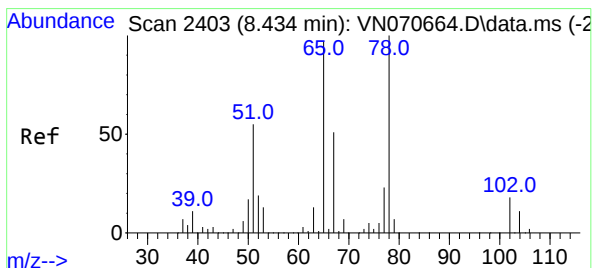
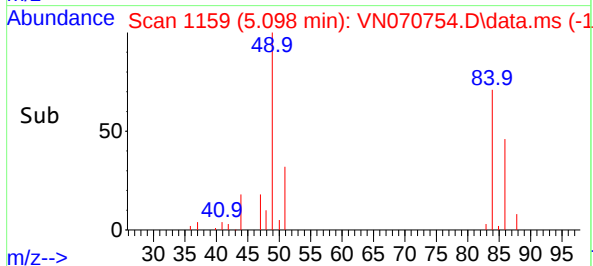
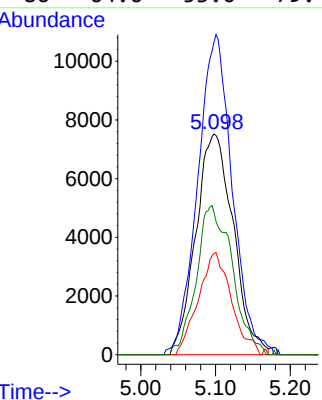
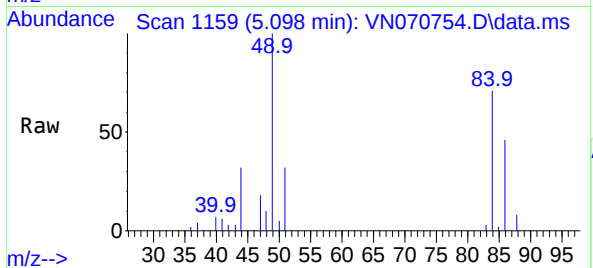
Ion Ratio Lower Upper

84 100

49 139.2 93.5 140.3

51 46.0 29.4 44.2#

86 64.6 53.0 79.4



#33

1,2-Dichloroethane-d4

Concen: 46.635 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070754.D

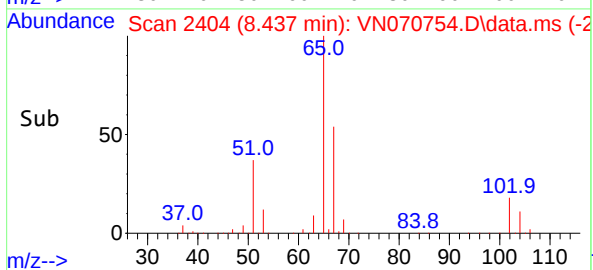
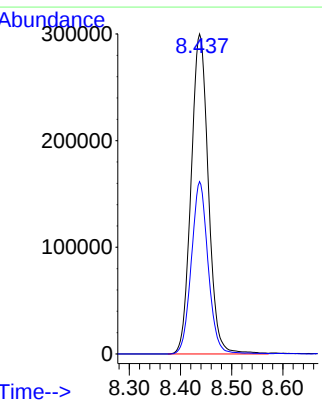
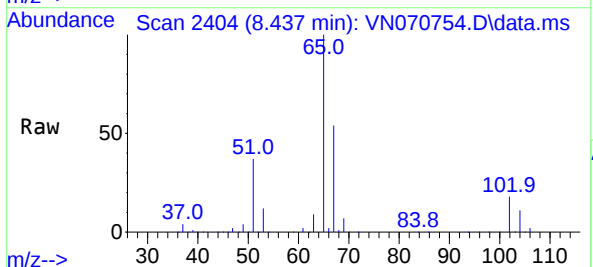
Acq: 24 Jan 2022 14:38

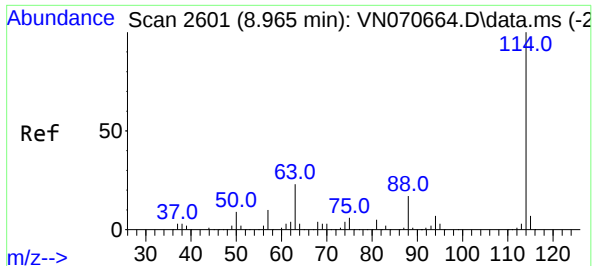
Tgt Ion: 65 Resp: 701560

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070754.D

Acq: 24 Jan 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

PB142209ZHE#02

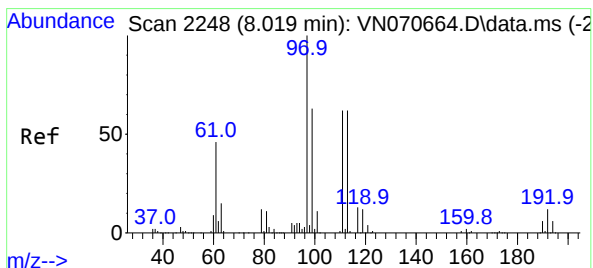
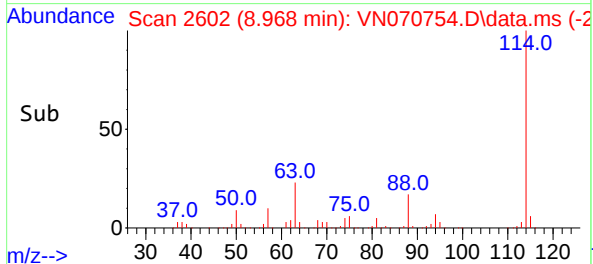
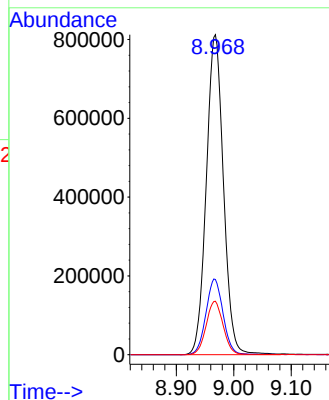
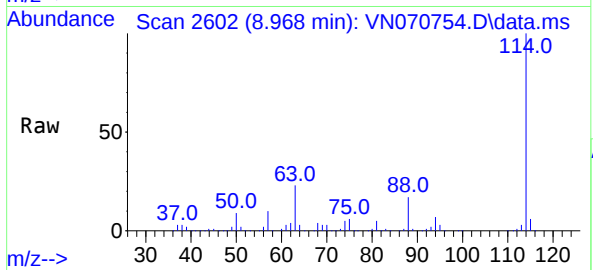
Tgt Ion:114 Resp: 1683071

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.682 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070754.D

Acq: 24 Jan 2022 14:38

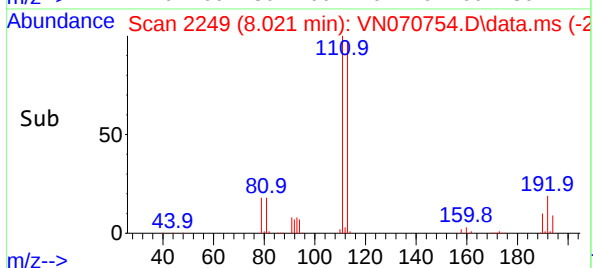
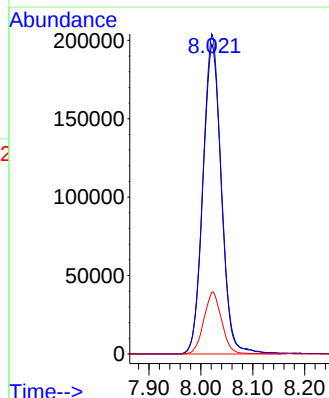
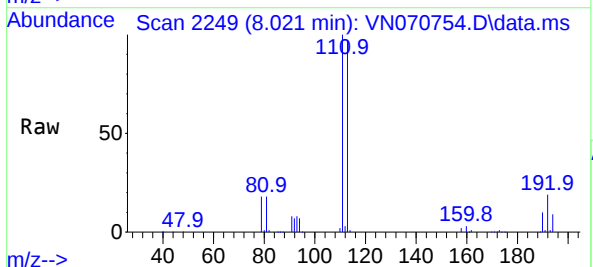
Tgt Ion:113 Resp: 487363

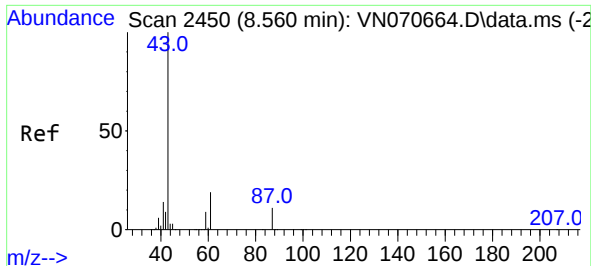
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 19.3 16.9 25.3

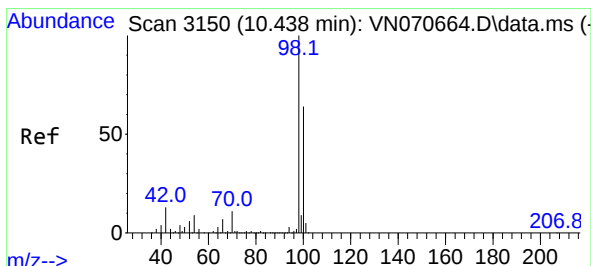
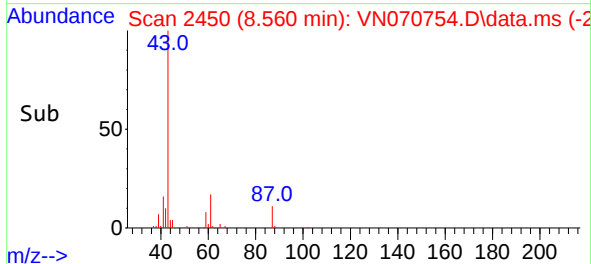
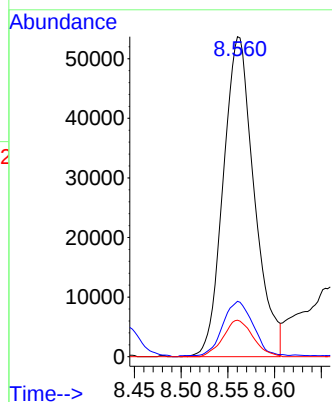
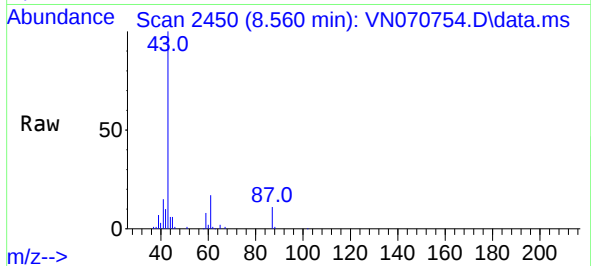




#43
Isopropyl Acetate
Concen: 3.478 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070754.D
Acq: 24 Jan 2022 14:38

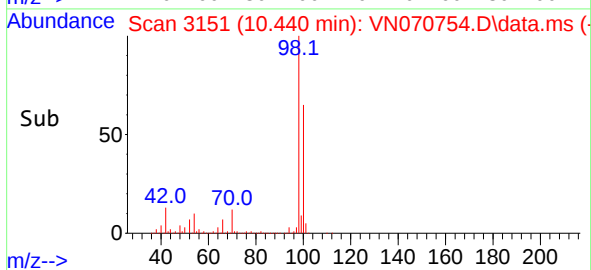
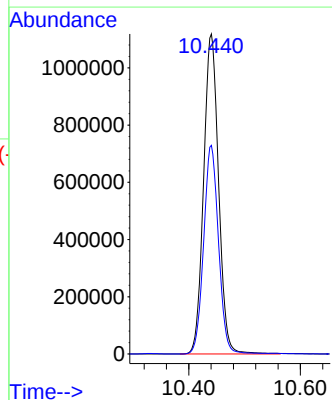
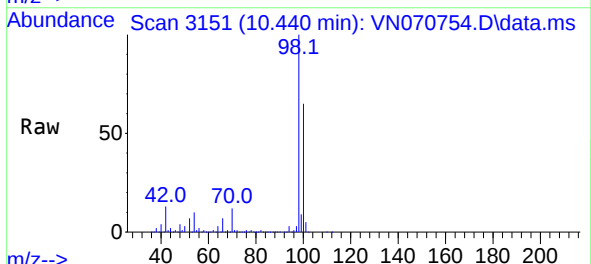
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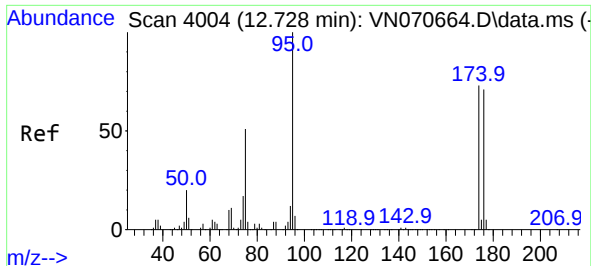
Tgt Ion: 43 Resp: 123947
Ion Ratio Lower Upper
43 100
61 16.3 20.4 30.6#
87 11.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.344 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070754.D
Acq: 24 Jan 2022 14:38

Tgt Ion: 98 Resp: 2082268
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

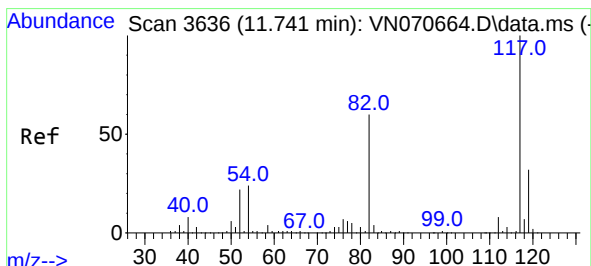
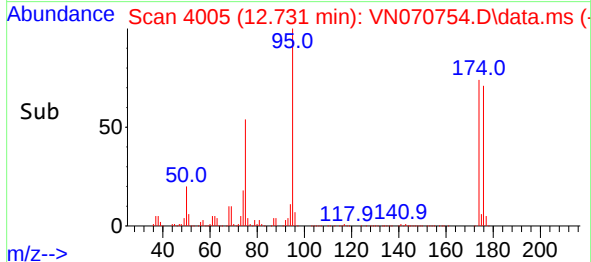
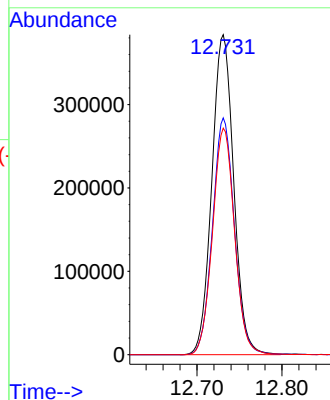
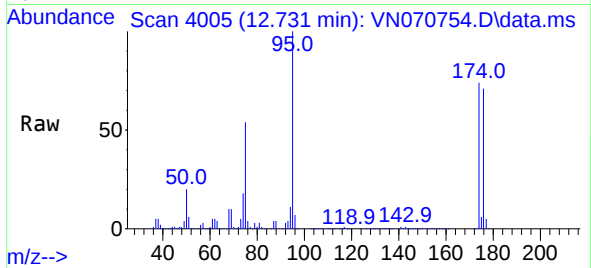




#62
4-Bromofluorobenzene
Concen: 43.805 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070754.D
Acq: 24 Jan 2022 14:38

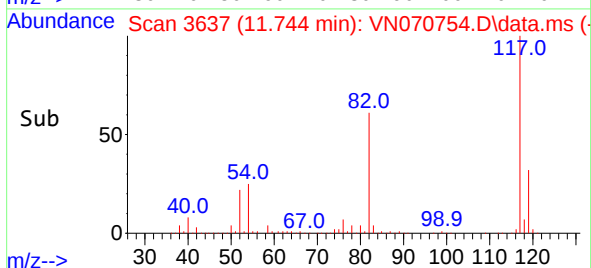
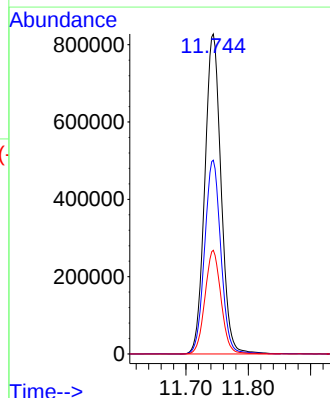
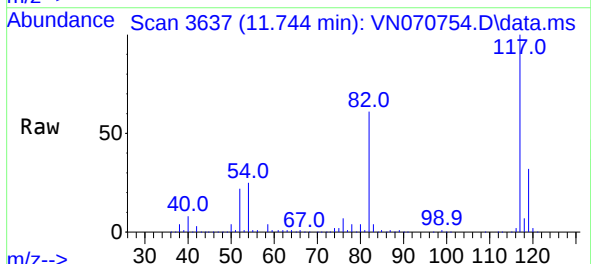
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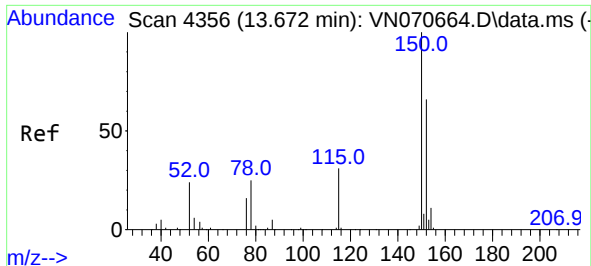
Tgt Ion: 95 Resp: 686541
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070754.D
Acq: 24 Jan 2022 14:38

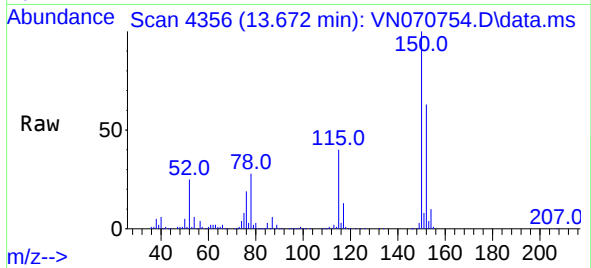
Tgt Ion: 117 Resp: 1501055
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070754.D
 Acq: 24 Jan 2022 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142209ZHE#02



Tgt Ion:152 Resp: 542266

Ion	Ratio	Lower	Upper
152	100		
115	62.5	27.5	82.5
150	157.5	0.0	344.4

