

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070530.D
 Acq On : 6 Jan 2022 19:50
 Operator : JC/MD
 Sample : N1007-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BARNUM-ST-SP

Quant Time: Jan 08 01:42:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

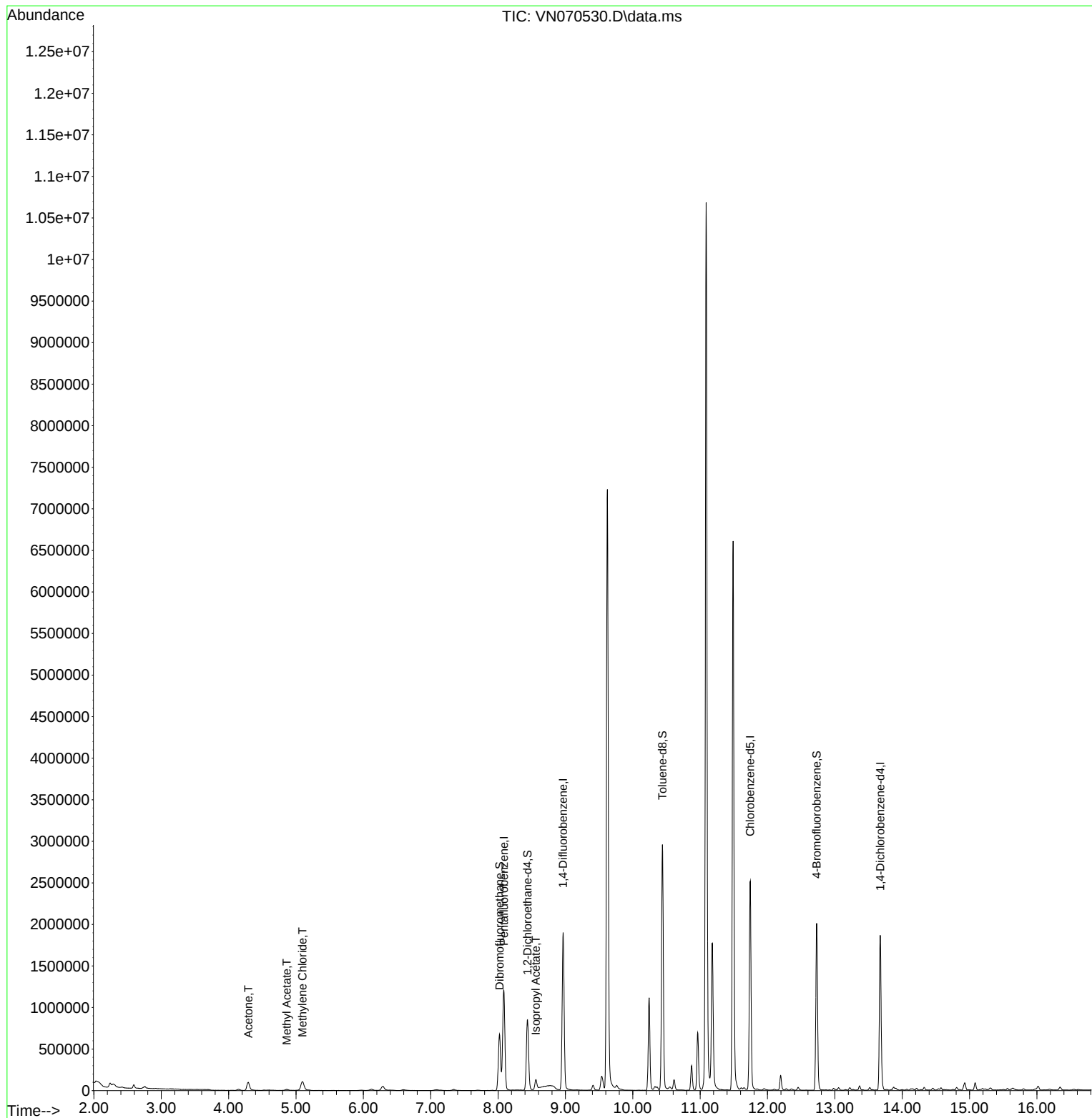
Internal Standards						
1) Pentafluorobenzene	8.086	168	942717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1624463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1475152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	526060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	714512	52.714	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.420%	
35) Dibromofluoromethane	8.021	113	499289	50.798	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.600%	
50) Toluene-d8	10.441	98	2070575	51.569	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.731	95	741160	51.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	184060	20.918	ug/l	98
18) Methyl Acetate	4.862	43	27868	1.095	ug/l #	89
20) Methylene Chloride	5.095	84	80634	6.623	ug/l	88
43) Isopropyl Acetate	8.560	43	159189	4.791	ug/l #	84

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

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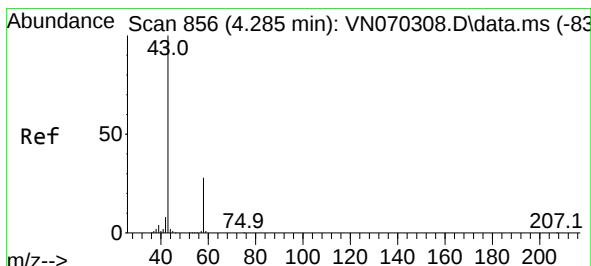
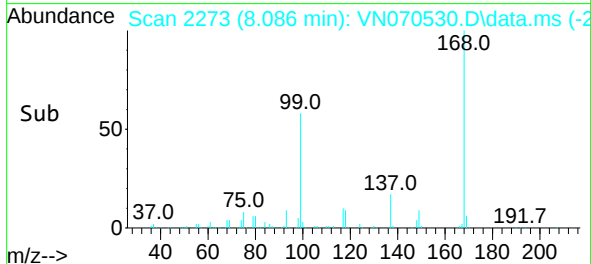
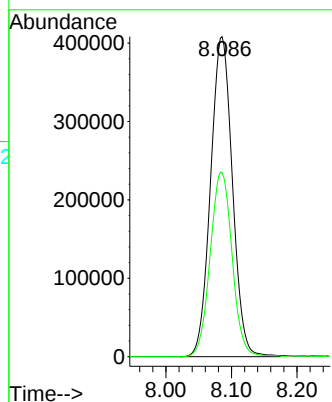
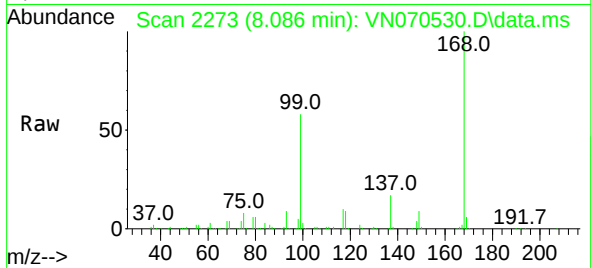




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070530.D
Acq: 6 Jan 2022 19:50

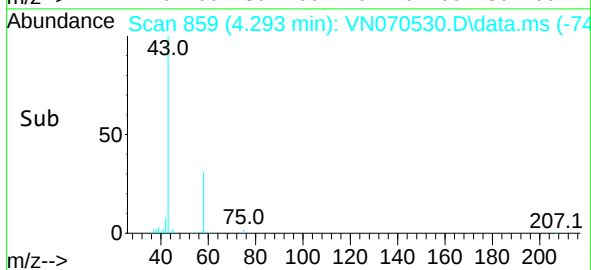
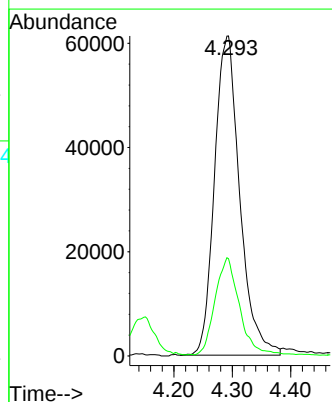
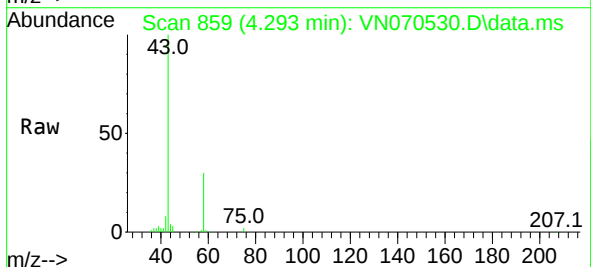
Instrument :
MSVOA_N
ClientSampleId :
BARNUM-ST-SP

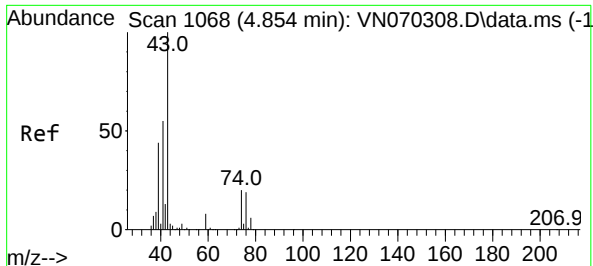
Tgt Ion:168 Resp: 942717
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#16
Acetone
Concen: 20.918 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070530.D
Acq: 6 Jan 2022 19:50

Tgt Ion: 43 Resp: 184060
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





#18

Methyl Acetate

Concen: 1.095 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070530.D

Acq: 6 Jan 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

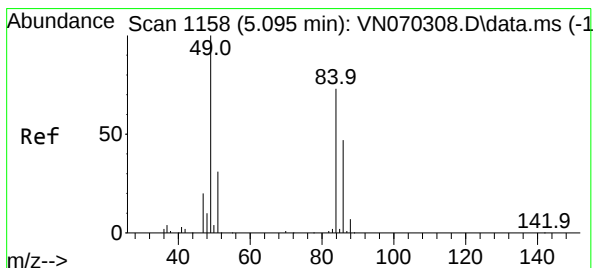
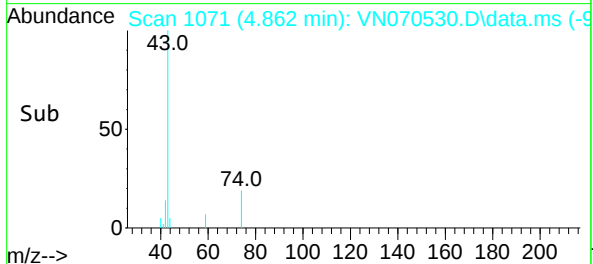
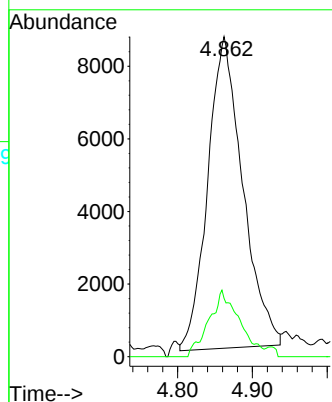
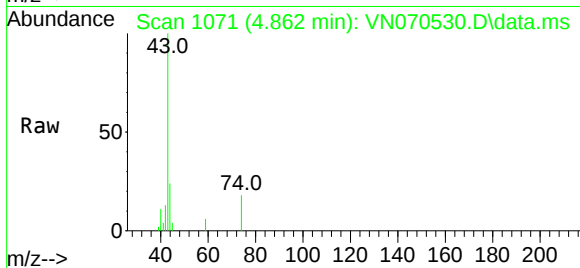
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Tgt Ion: 43 Resp: 27868

Ion Ratio Lower Upper

43 100

74 18.6 19.4 29.2#



#20

Methylene Chloride

Concen: 6.623 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070530.D

Acq: 6 Jan 2022 19:50

Tgt Ion: 84 Resp: 80634

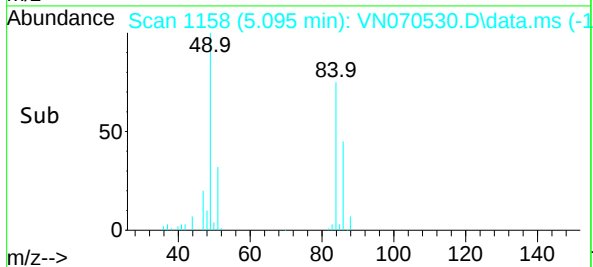
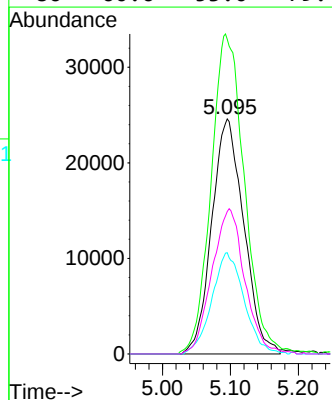
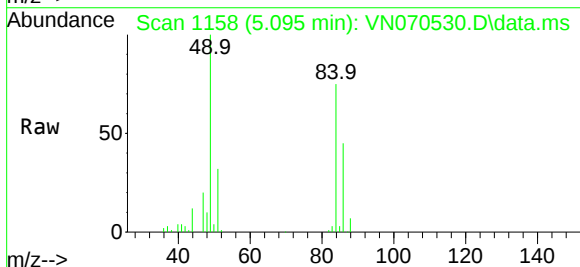
Ion Ratio Lower Upper

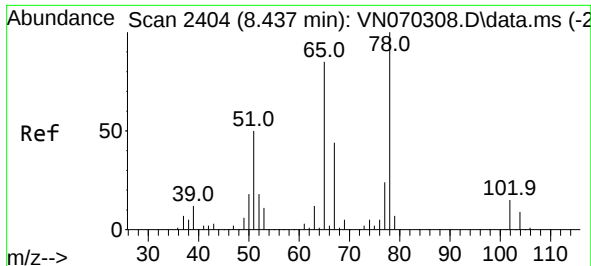
84 100

49 133.0 93.5 140.3

51 43.1 29.4 44.2

86 60.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 52.714 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070530.D

Acq: 6 Jan 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

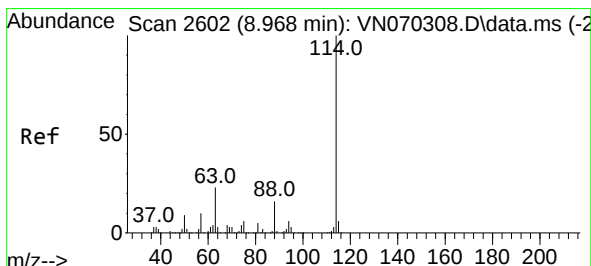
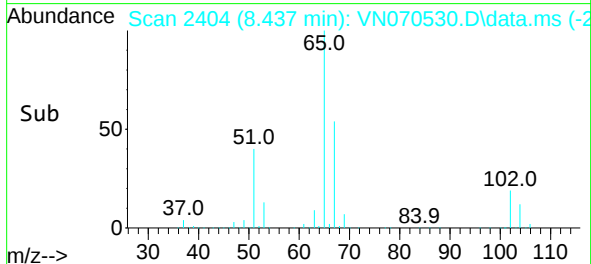
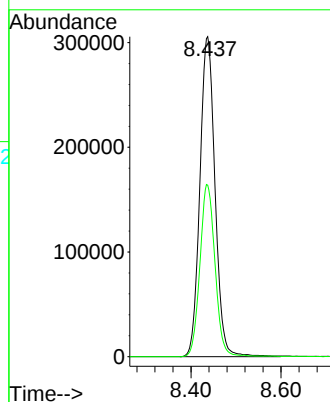
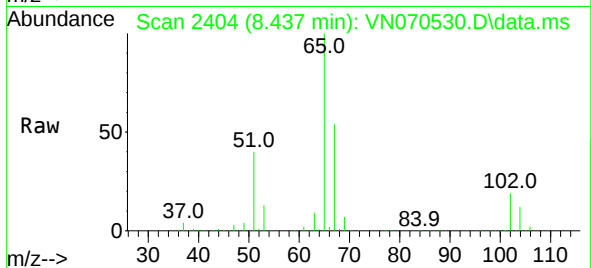
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Tgt Ion: 65 Resp: 714512

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070530.D

Acq: 6 Jan 2022 19:50

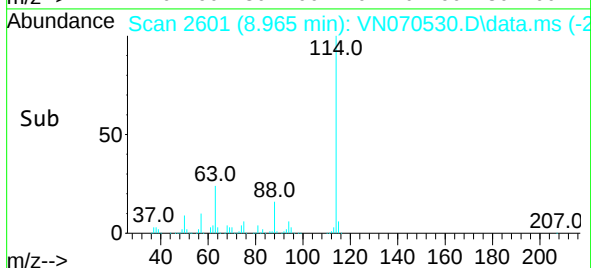
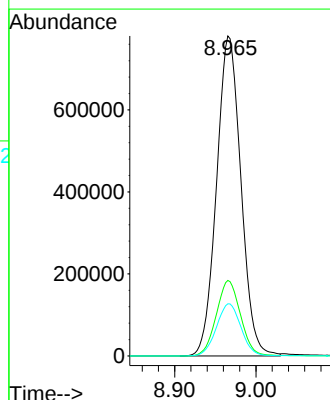
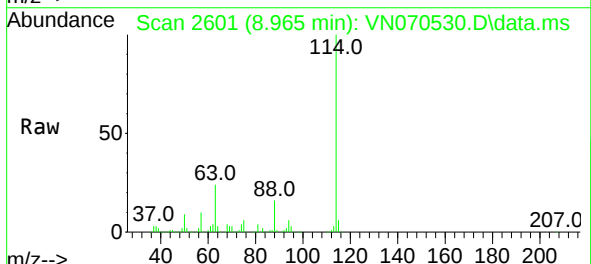
Tgt Ion: 114 Resp: 1624463

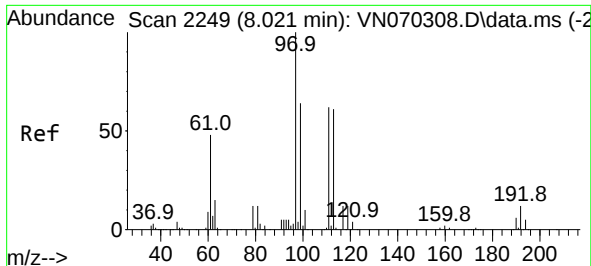
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.3 0.0 27.4

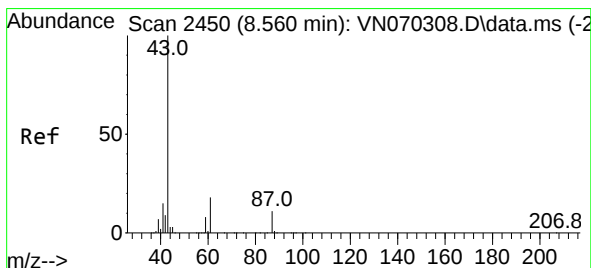
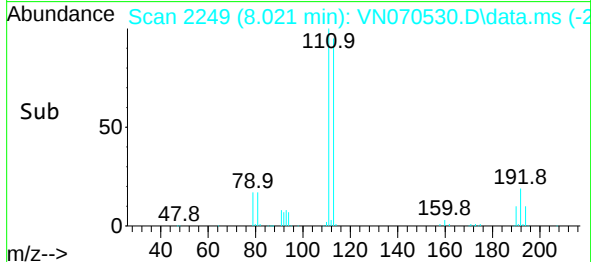
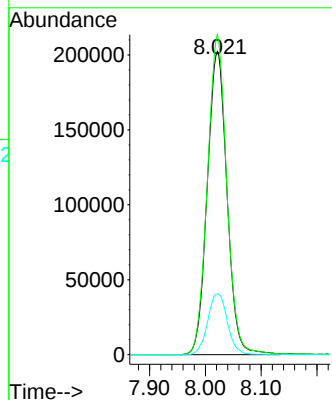
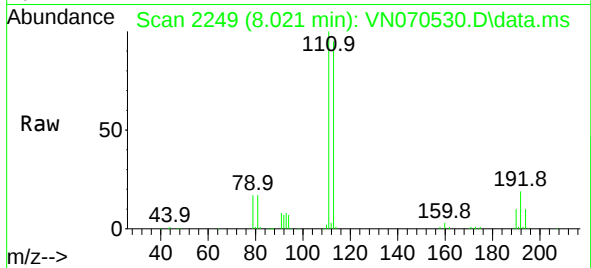




#35
 Dibromofluoromethane
 Concen: 50.798 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN070530.D
 Acq: 6 Jan 2022 19:50

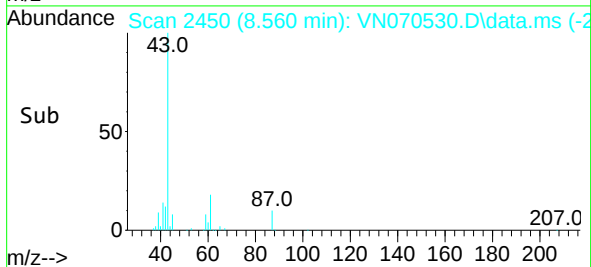
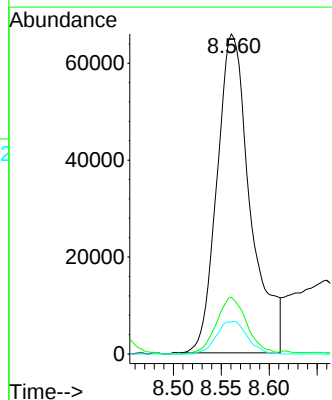
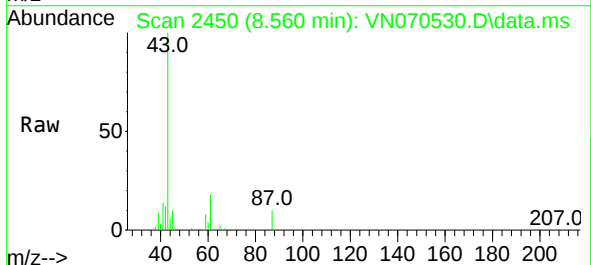
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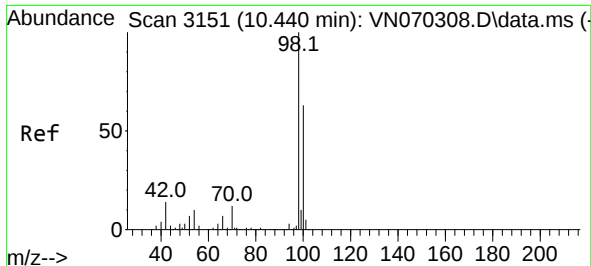
Tgt Ion:113 Resp: 499289
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 20.1 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 4.791 ug/l
 RT: 8.560 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: VN070530.D
 Acq: 6 Jan 2022 19:50

Tgt Ion: 43 Resp: 159189
 Ion Ratio Lower Upper
 43 100
 61 16.3 20.4 30.6#
 87 9.5 11.2 16.8#

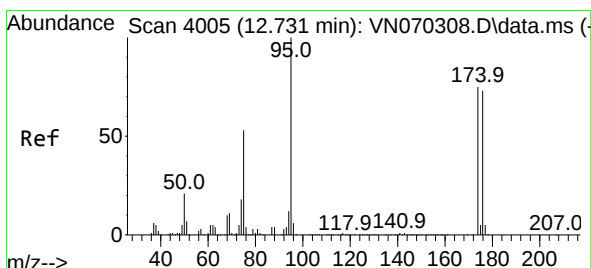
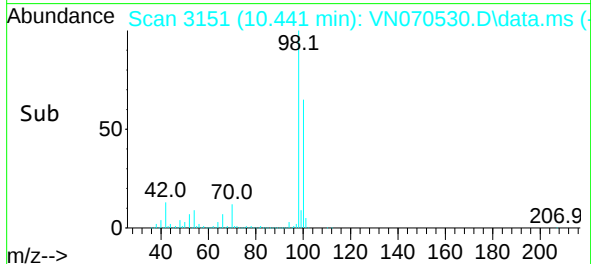
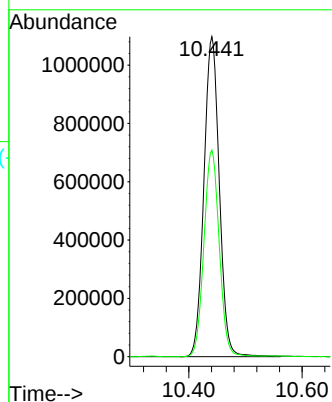
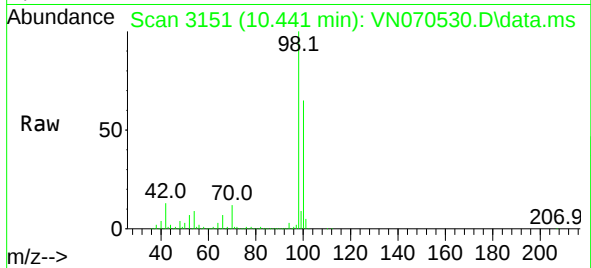




#50
Toluene-d8
Concen: 51.569 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070530.D
Acq: 6 Jan 2022 19:50

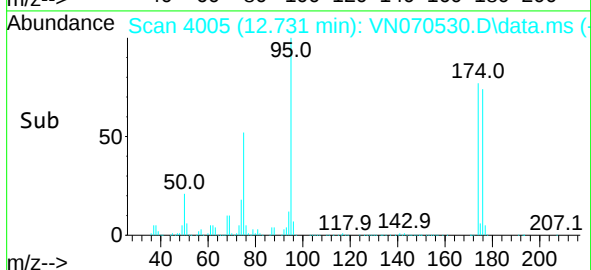
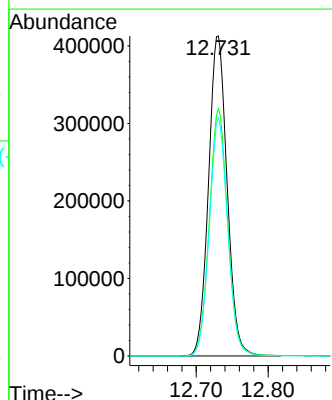
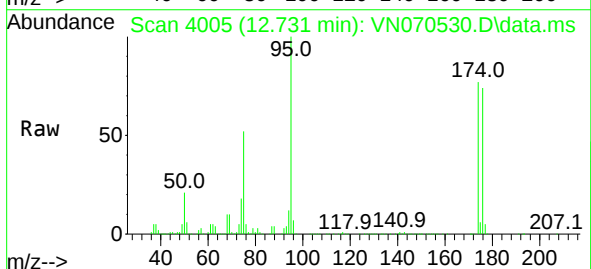
Instrument :
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BARNUM-ST-SP

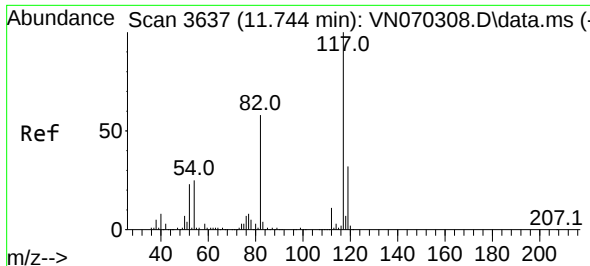
Tgt Ion: 98 Resp: 2070575
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.108 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070530.D
Acq: 6 Jan 2022 19:50

Tgt Ion: 95 Resp: 741160
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.3 0.0 181.4

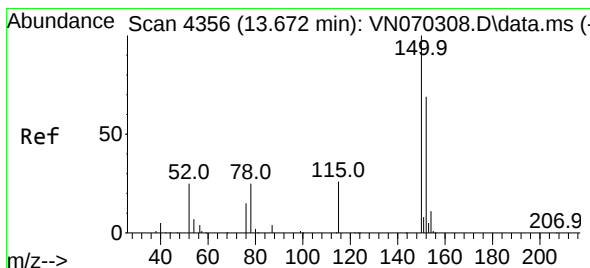
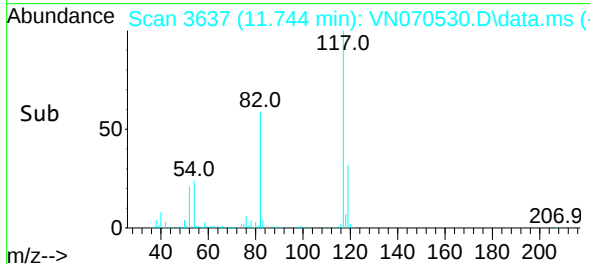
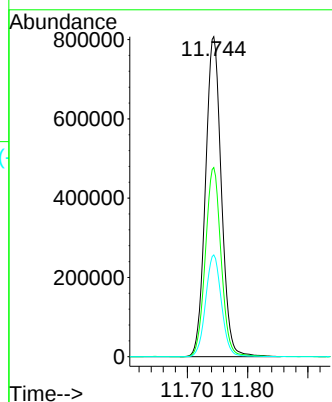
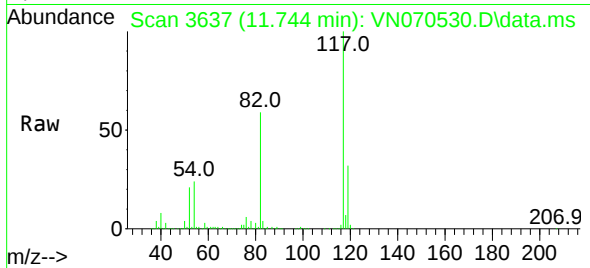




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070530.D
Acq: 6 Jan 2022 19:50

Instrument :
MSVOA_N
ClientSampleId :
BARNUM-ST-SP

Tgt Ion:117 Resp: 1475152
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.8 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: VN070530.D
Acq: 6 Jan 2022 19:50

Tgt Ion:152 Resp: 526060
Ion Ratio Lower Upper
152 100
115 59.4 27.5 82.5
150 156.3 0.0 344.4

