

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070592.D
 Acq On : 12 Jan 2022 17:42
 Operator : JC/MD
 Sample : N1097-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3D

Quant Time: Jan 13 04:27:46 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)

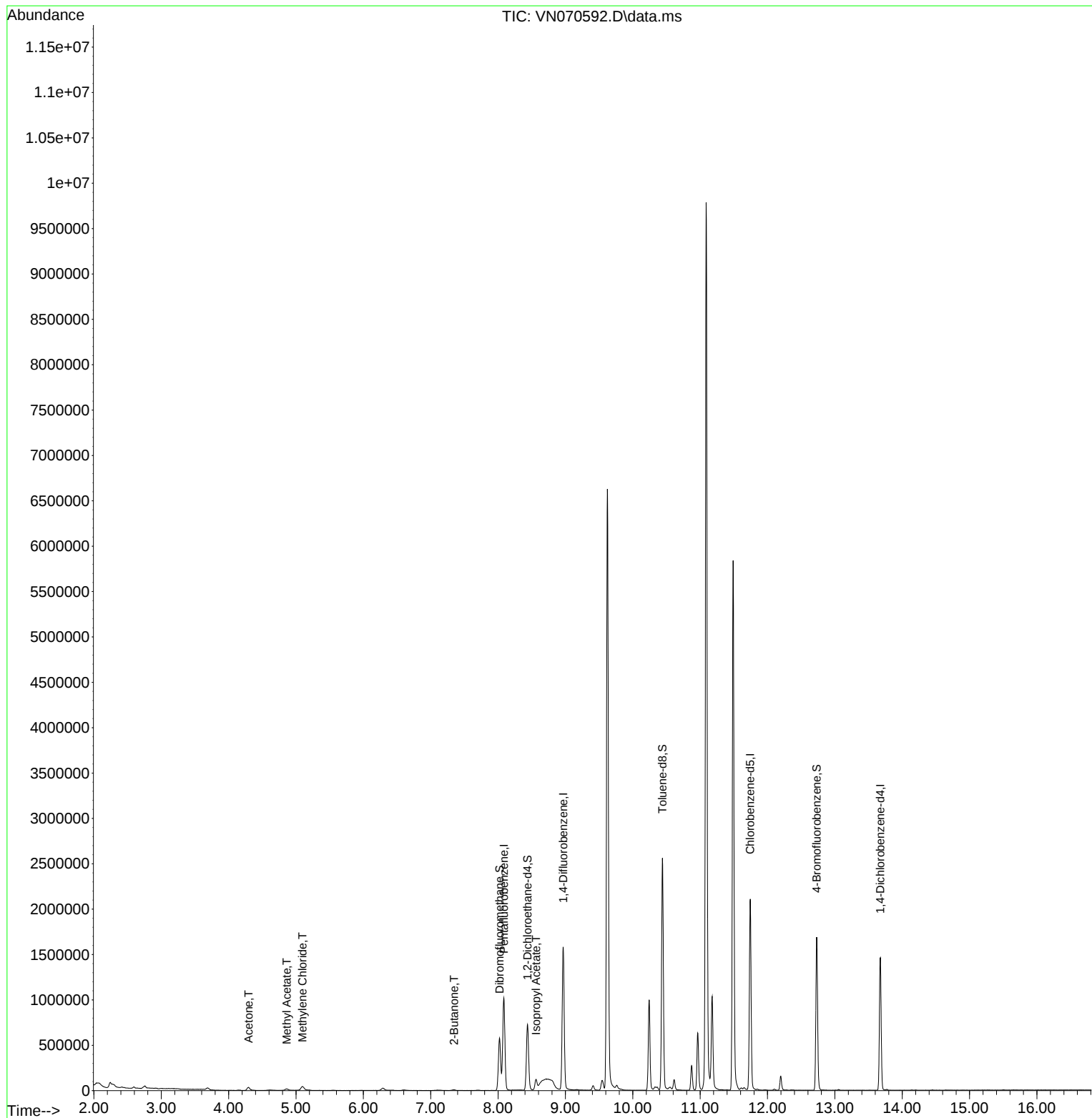
Internal Standards						
1) Pentafluorobenzene	8.086	168	784760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1361648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1214802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	414050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	605720	53.683	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.360%	
35) Dibromofluoromethane	8.021	113	427295	51.865	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.720%	
50) Toluene-d8	10.440	98	1769510	52.577	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.731	95	630894	51.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	61468	8.392	ug/l	96
18) Methyl Acetate	4.862	43	35059	1.655	ug/l #	70
20) Methylene Chloride	5.095	84	30258	2.986	ug/l #	83
25) 2-Butanone	7.348	43	13772	1.493	ug/l #	89
43) Isopropyl Acetate	8.563	43	153266	5.503	ug/l #	81

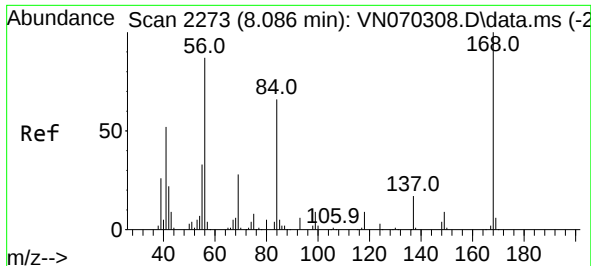
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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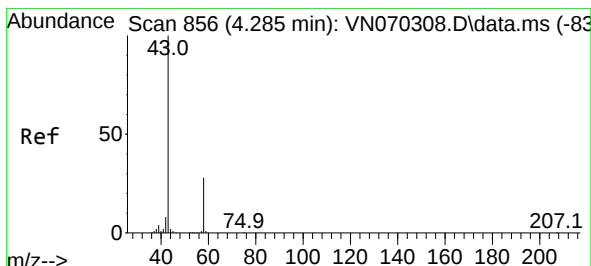
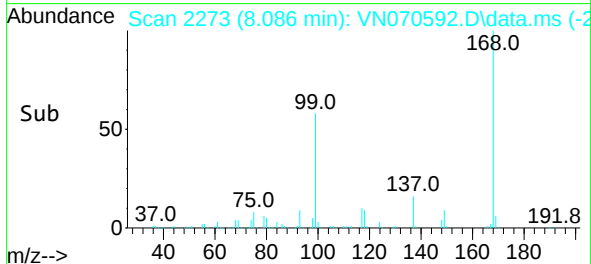
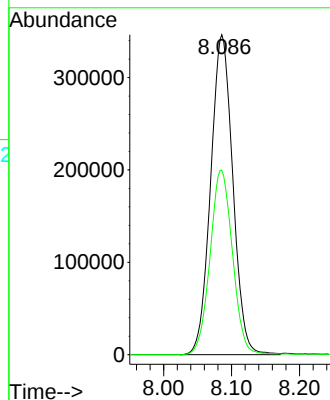
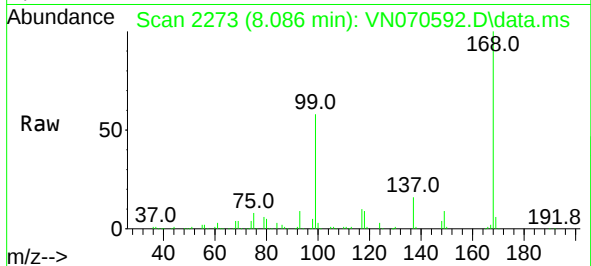




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

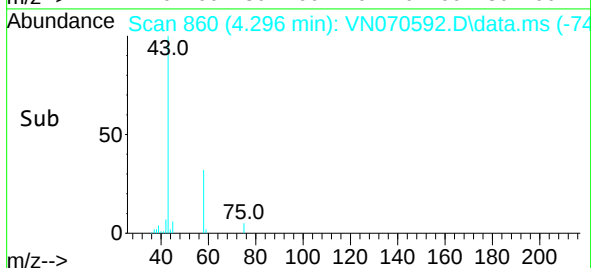
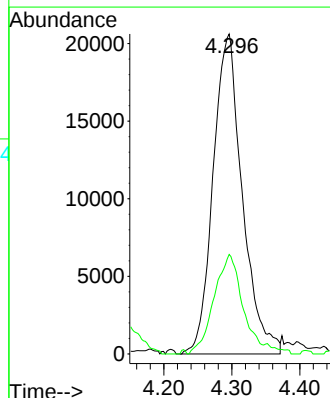
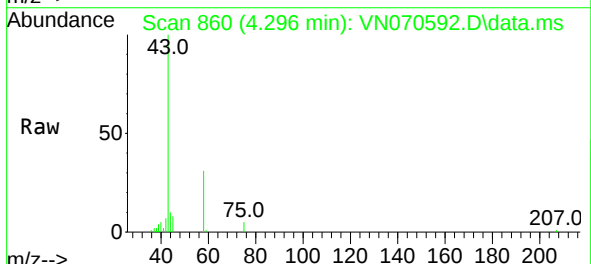
Instrument :
MSVOA_N
ClientSampleId :
TP-3D

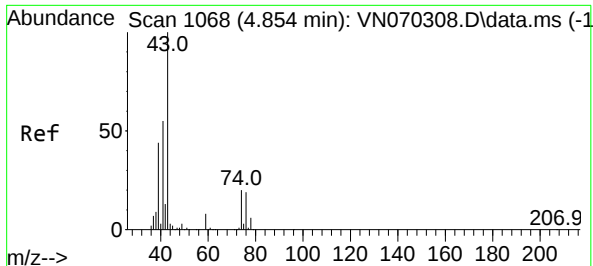
Tgt Ion:168 Resp: 784760
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#16
Acetone
Concen: 8.392 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

Tgt Ion: 43 Resp: 61468
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7





#18

Methyl Acetate

Concen: 1.655 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070592.D

Acq: 12 Jan 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

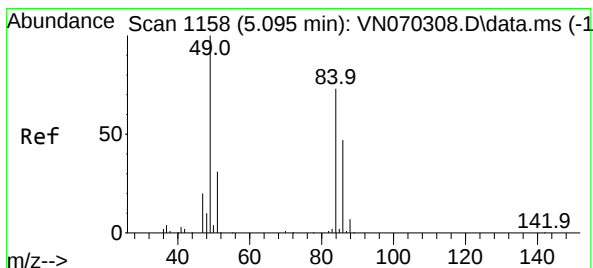
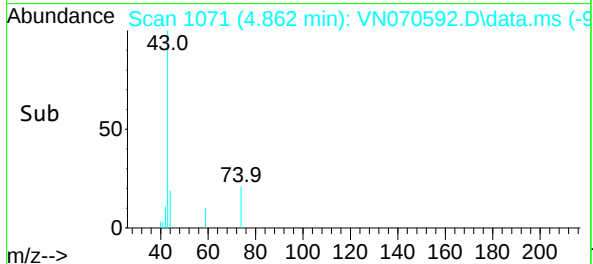
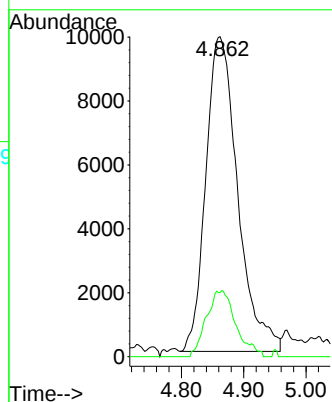
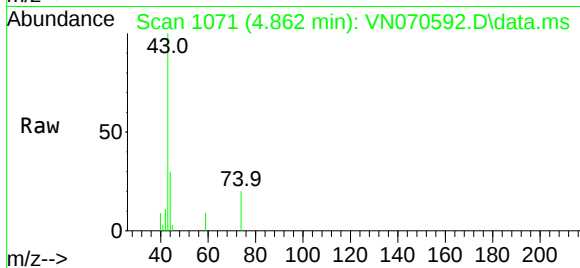
TP-3D

Tgt Ion: 43 Resp: 35059

Ion Ratio Lower Upper

43 100

74 9.3 19.4 29.2#



#20

Methylene Chloride

Concen: 2.986 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070592.D

Acq: 12 Jan 2022 17:42

Tgt Ion: 84 Resp: 30258

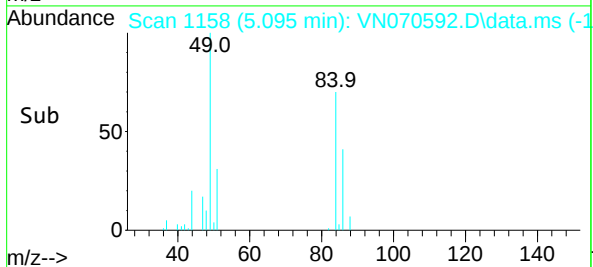
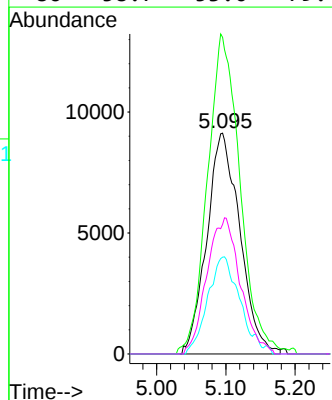
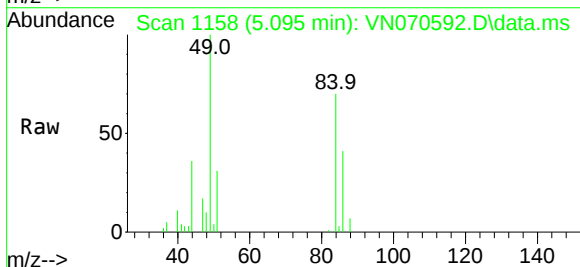
Ion Ratio Lower Upper

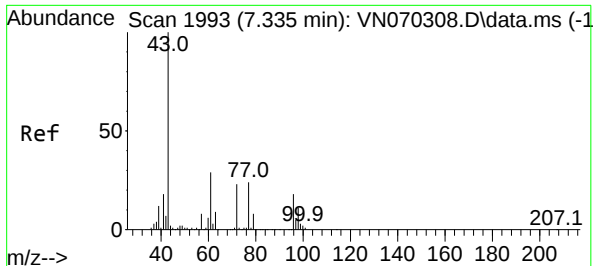
84 100

49 141.1 93.5 140.3#

51 43.9 29.4 44.2

86 58.7 53.0 79.4





#25

2-Butanone

Concen: 1.493 ug/l

RT: 7.348 min Scan# 1993

Delta R.T. 0.013 min

Lab File: VN070592.D

Acq: 12 Jan 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

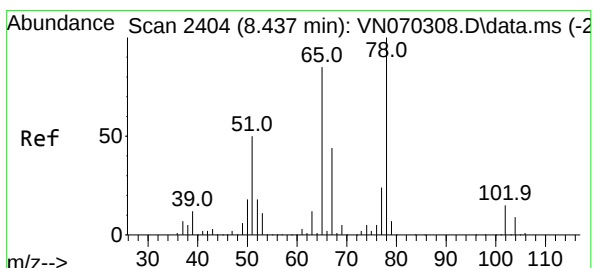
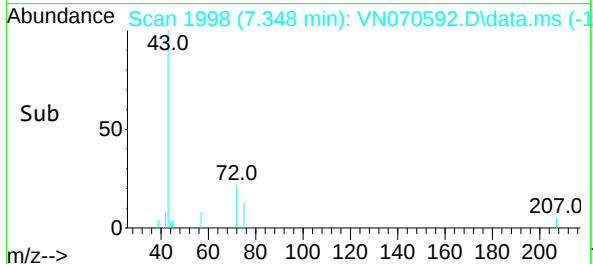
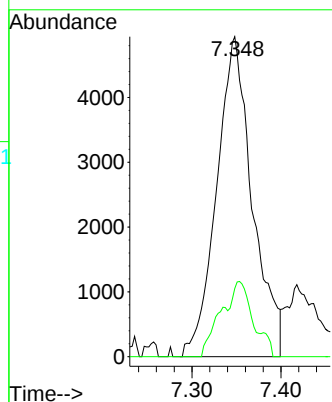
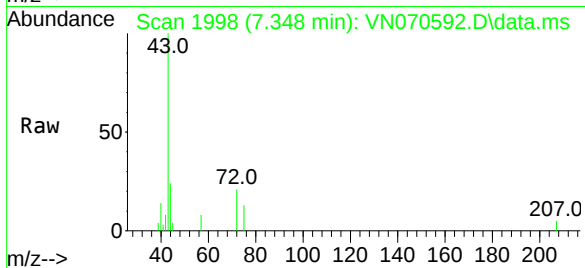
TP-3D

Tgt Ion: 43 Resp: 13772

Ion Ratio Lower Upper

43 100

72 21.3 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 53.683 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070592.D

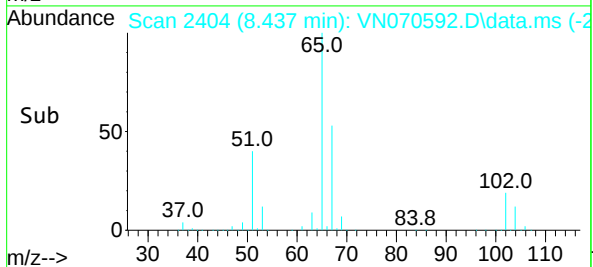
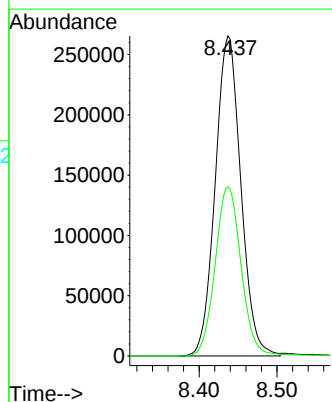
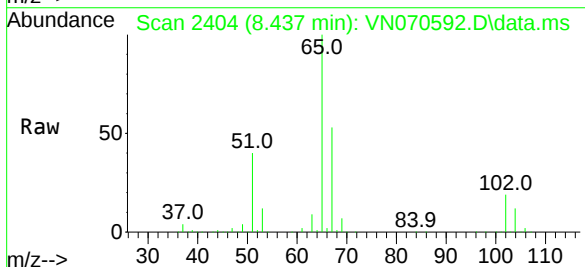
Acq: 12 Jan 2022 17:42

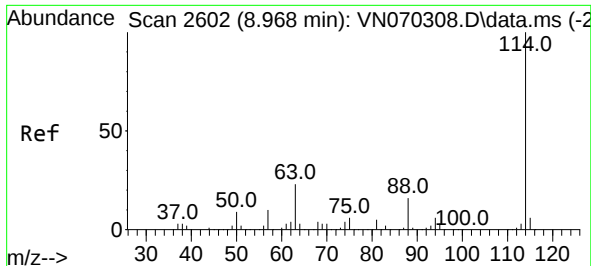
Tgt Ion: 65 Resp: 605720

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0

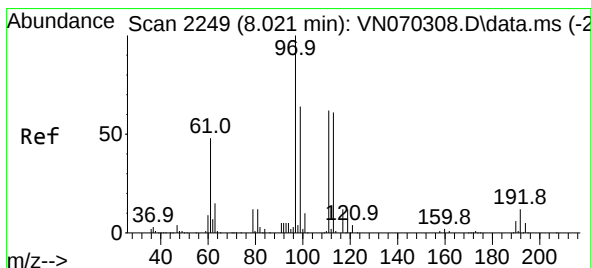
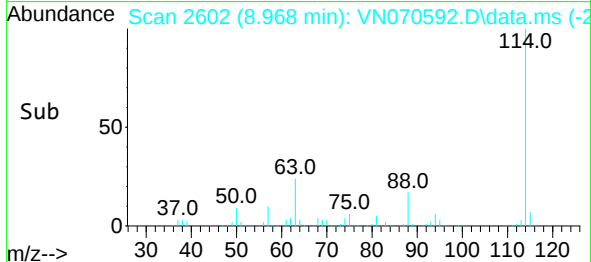
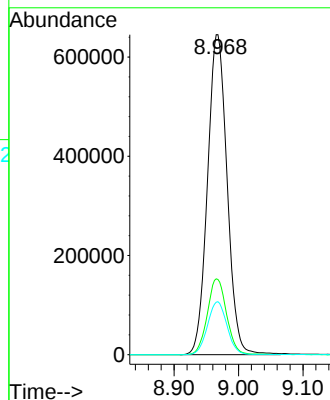
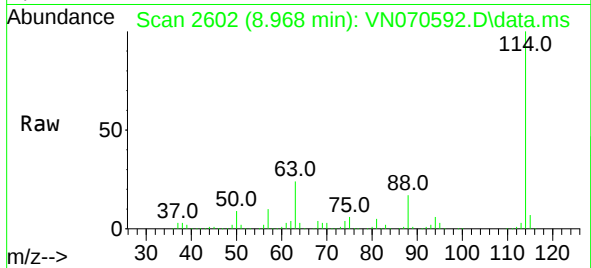




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

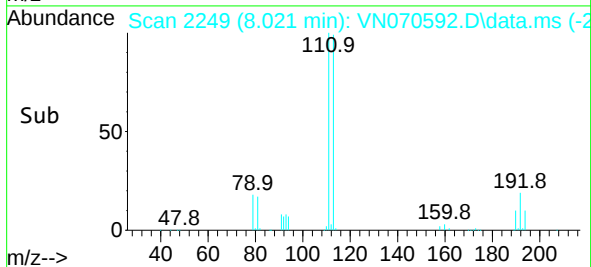
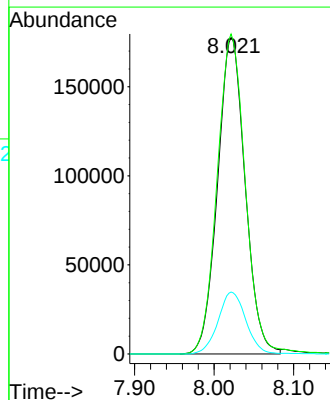
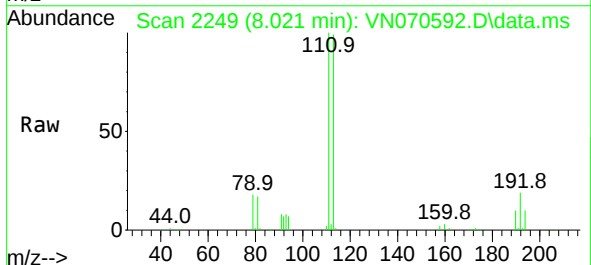
Instrument :
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TP-3D

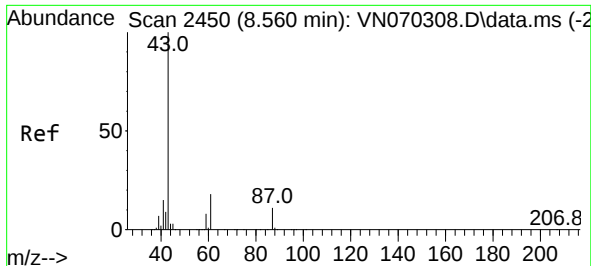
Tgt Ion:114 Resp: 1361648
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.865 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

Tgt Ion:113 Resp: 427295
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.7 16.9 25.3

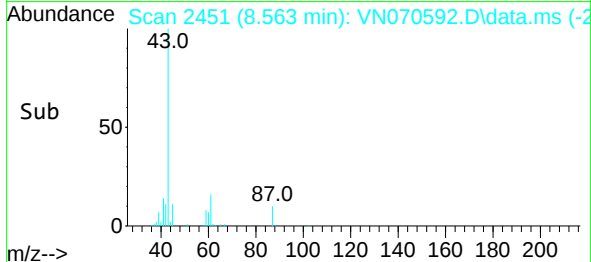
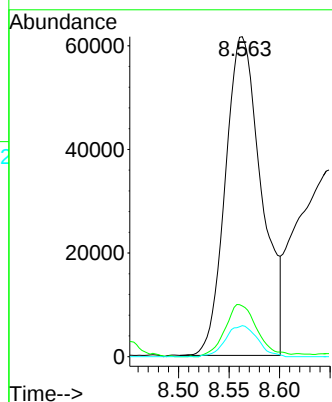
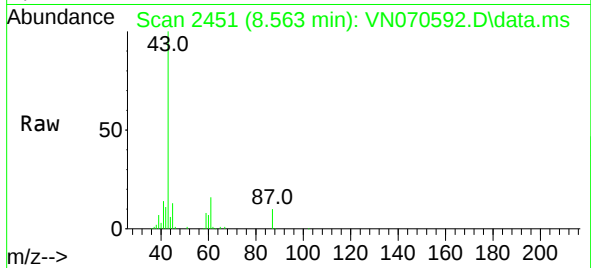




#43
Isopropyl Acetate
Concen: 5.503 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

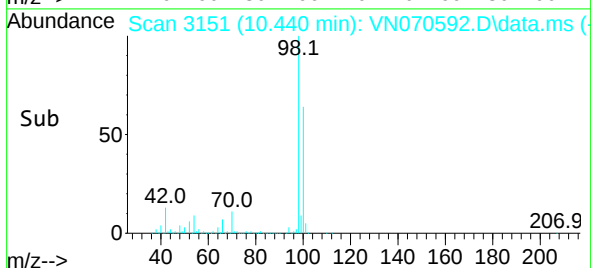
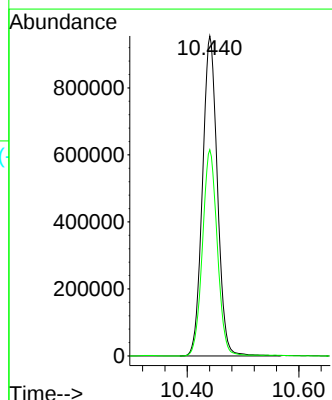
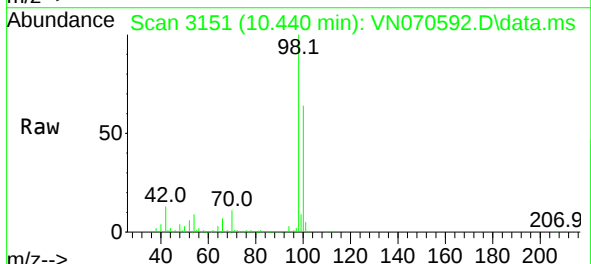
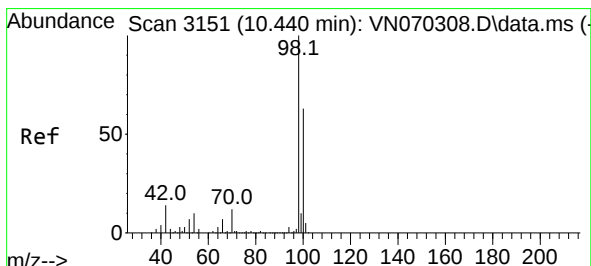
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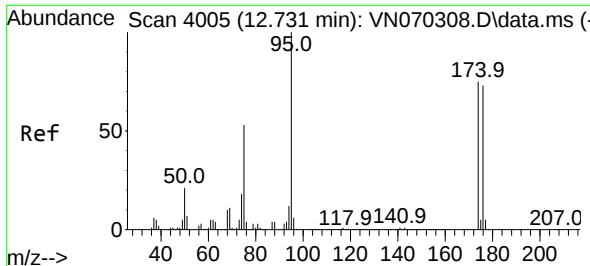
Tgt Ion: 43 Resp: 153266
Ion Ratio Lower Upper
43 100
61 14.6 20.4 30.6#
87 8.6 11.2 16.8#



#50
Toluene-d8
Concen: 52.577 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

Tgt Ion: 98 Resp: 1769510
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

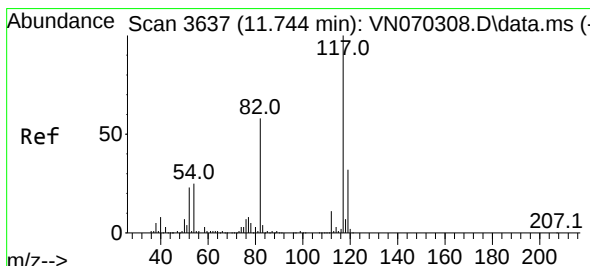
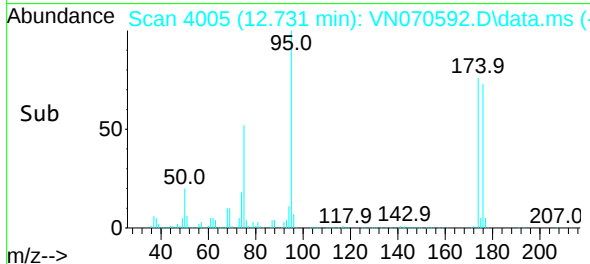
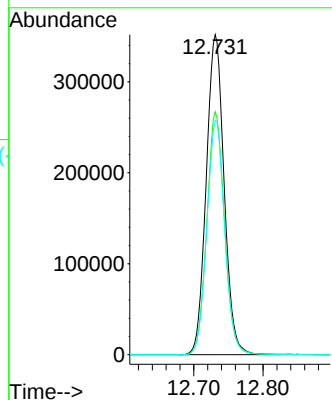
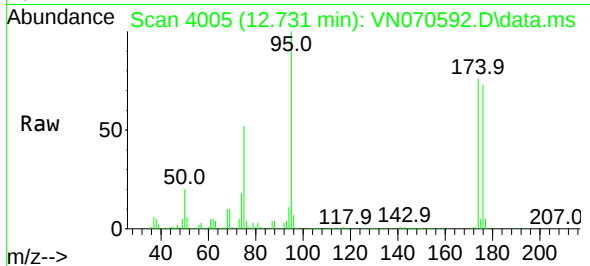




#62
4-Bromofluorobenzene
Concen: 51.901 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

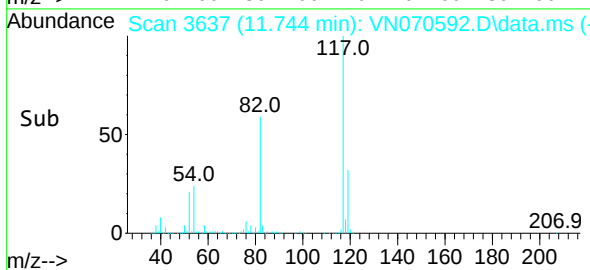
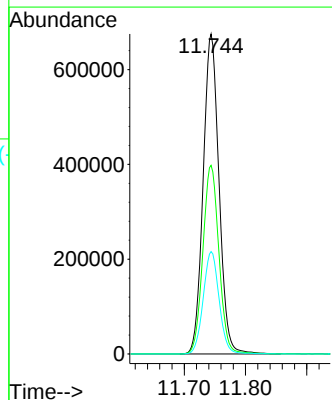
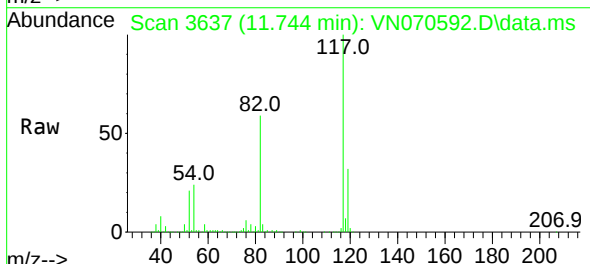
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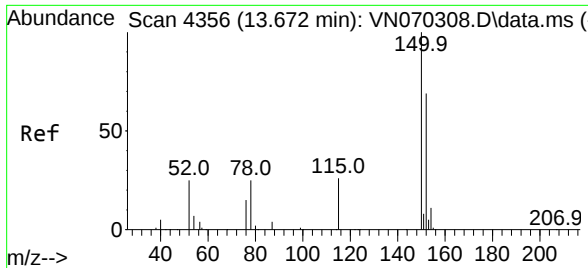
Tgt Ion: 95 Resp: 630894
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070592.D
Acq: 12 Jan 2022 17:42

Tgt Ion: 117 Resp: 1214802
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070592.D
 Acq: 12 Jan 2022 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3D

Tgt Ion:152 Resp: 414050
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 156.8 0.0 344.4

