

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070587.D
 Acq On : 12 Jan 2022 15:35
 Operator : JC/MD
 Sample : N1097-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1S

Quant Time: Jan 13 04:26:56 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)

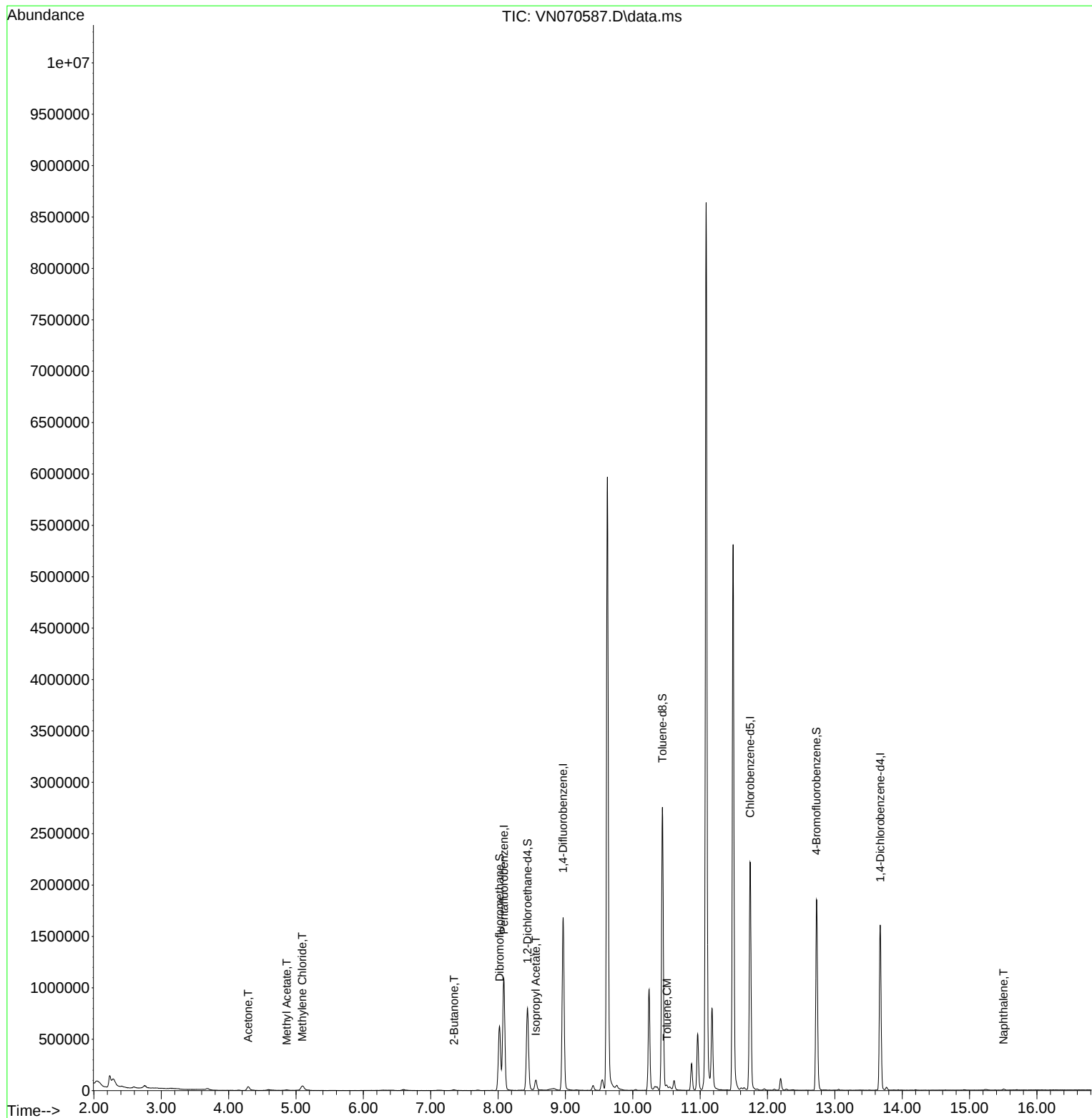
Internal Standards						
1) Pentafluorobenzene	8.086	168	838710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1444900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1291004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	456025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	666129	55.239	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 110.480%		
35) Dibromofluoromethane	8.021	113	472045	53.995	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 108.000%		
50) Toluene-d8	10.440	98	1922996	53.845	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 107.700%		
62) 4-Bromofluorobenzene	12.728	95	706142	54.744	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 109.480%		
Target Compounds						
						Qvalue
16) Acetone	4.288	43	66371	8.478	ug/l	96
18) Methyl Acetate	4.862	43	10836	0.479	ug/l #	57
20) Methylene Chloride	5.093	84	32337	2.986	ug/l	89
25) 2-Butanone	7.348	43	14507	1.472	ug/l	90
43) Isopropyl Acetate	8.560	43	120129	4.065	ug/l #	84
52) Toluene	10.507	92	16434	0.612	ug/l	96
95) Naphthalene	15.504	128	8889	2.209	ug/l	97

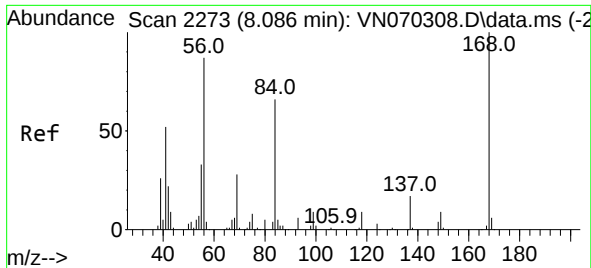
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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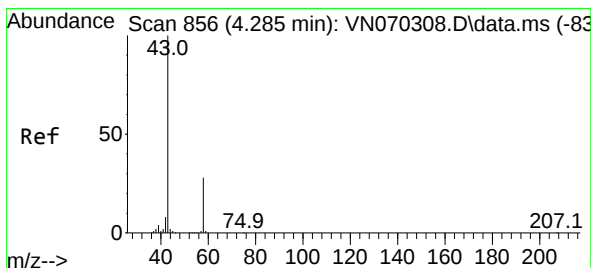
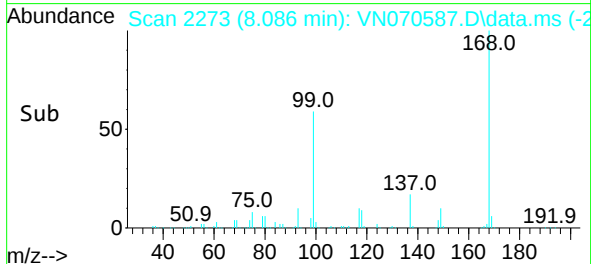
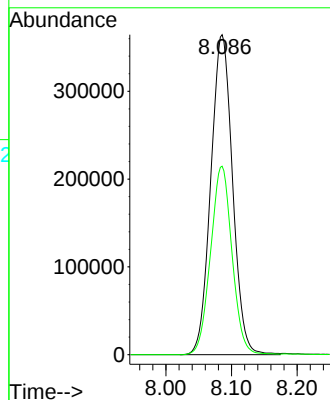
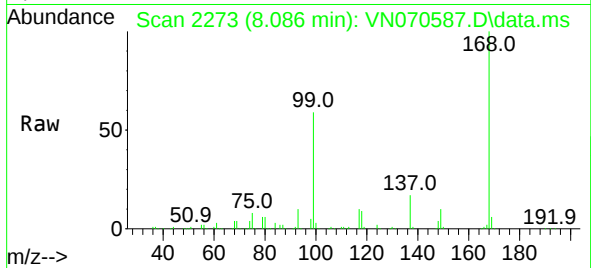




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

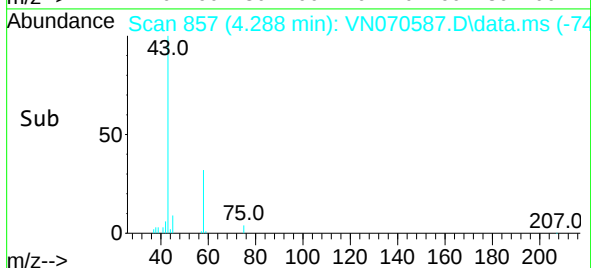
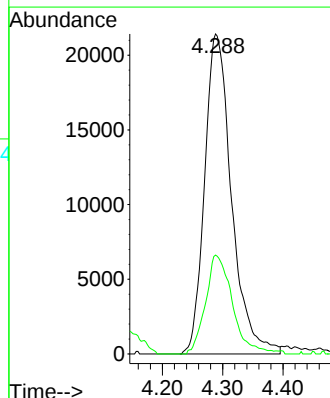
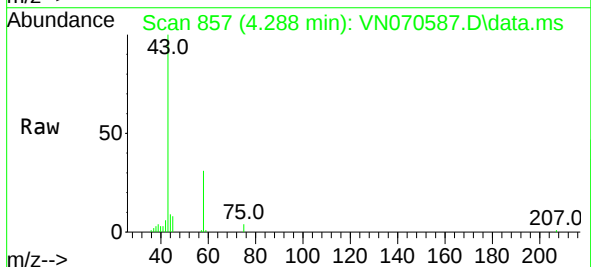
Instrument :
MSVOA_N
ClientSampleId :
TP-1S

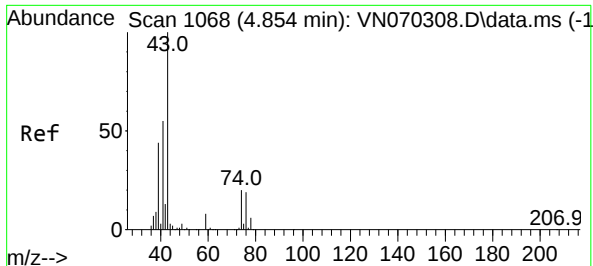
Tgt Ion:168 Resp: 838710
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#16
Acetone
Concen: 8.478 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

Tgt Ion: 43 Resp: 66371
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7





#18

Methyl Acetate

Concen: 0.479 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070587.D

Acq: 12 Jan 2022 15:35

Instrument :

MSVOA_N

ClientSampleId :

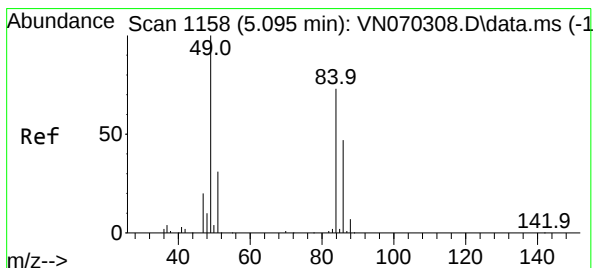
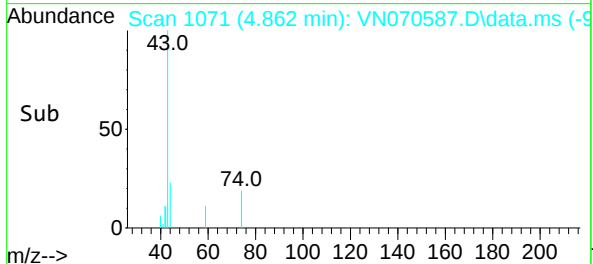
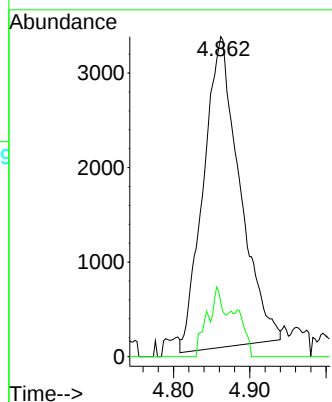
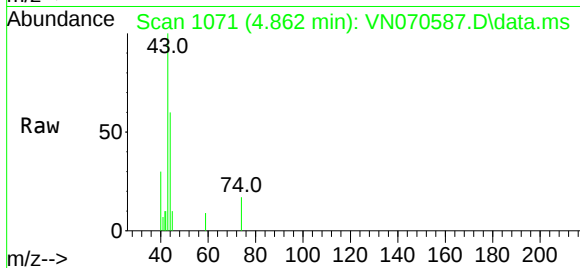
TP-1S

Tgt Ion: 43 Resp: 10836

Ion Ratio Lower Upper

43 100

74 3.1 19.4 29.2#



#20

Methylene Chloride

Concen: 2.986 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN070587.D

Acq: 12 Jan 2022 15:35

Tgt Ion: 84 Resp: 32337

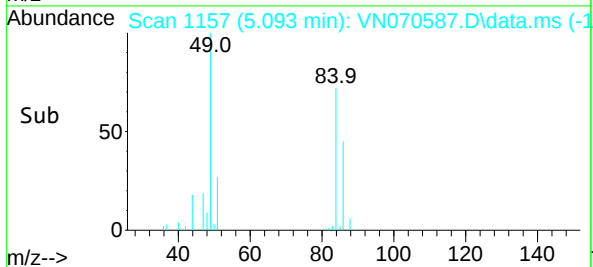
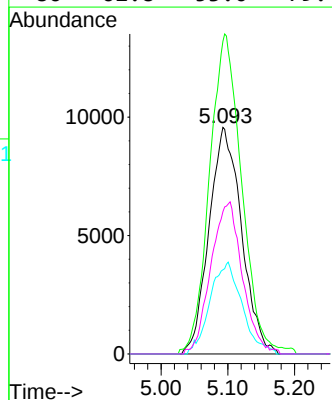
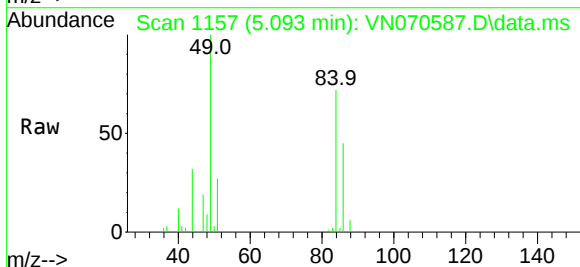
Ion Ratio Lower Upper

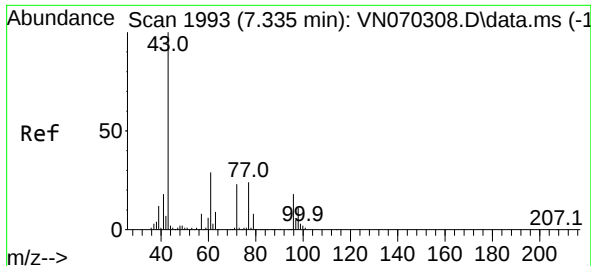
84 100

49 136.0 93.5 140.3

51 37.1 29.4 44.2

86 62.8 53.0 79.4

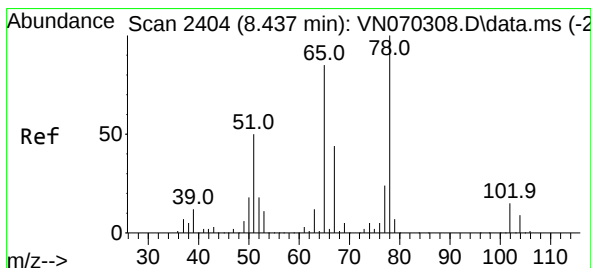
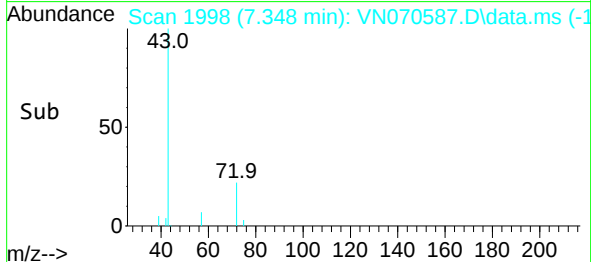
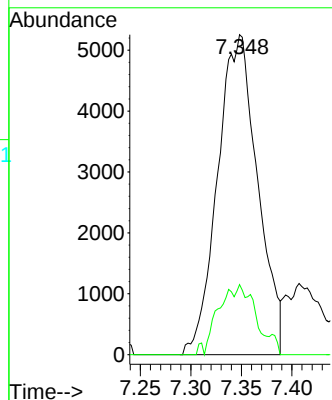
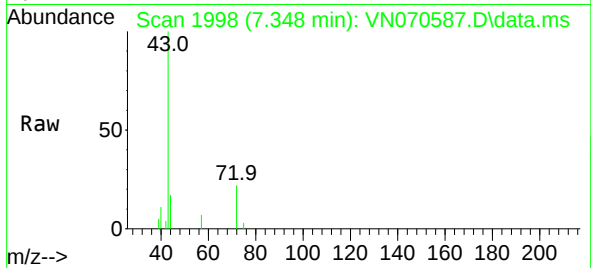




#25
2-Butanone
Concen: 1.472 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

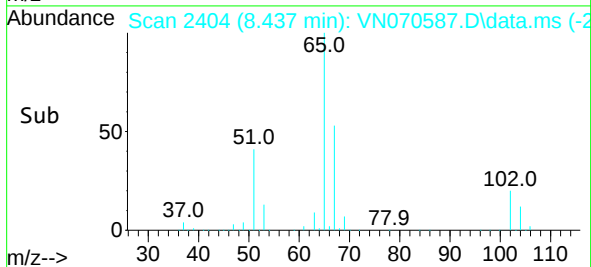
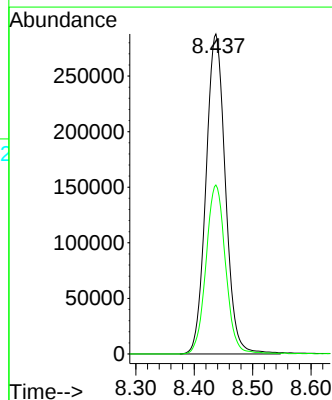
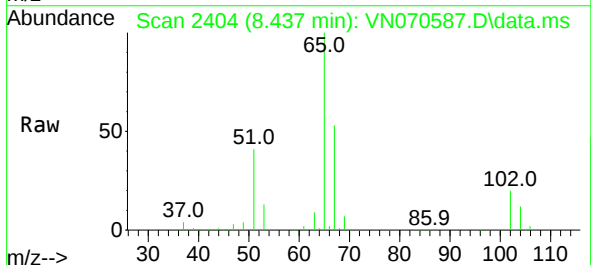
Instrument :
MSVOA_N
ClientSampleId :
TP-1S

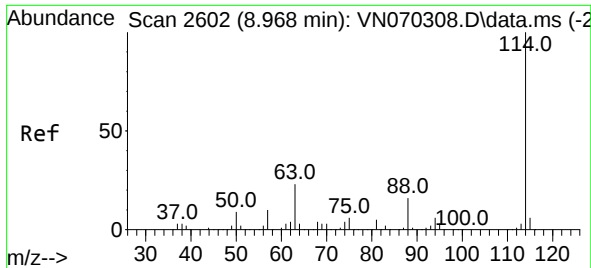
Tgt Ion: 43 Resp: 14507
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 55.239 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

Tgt Ion: 65 Resp: 666129
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN070587.D

Acq: 12 Jan 2022 15:35

Instrument :

MSVOA_N

ClientSampleId :

TP-1S

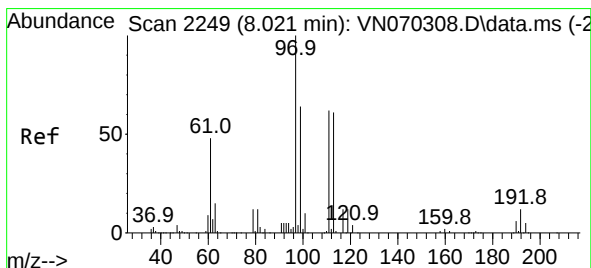
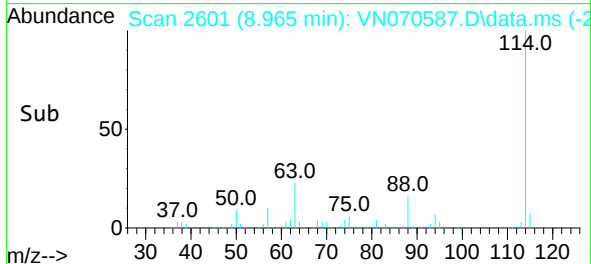
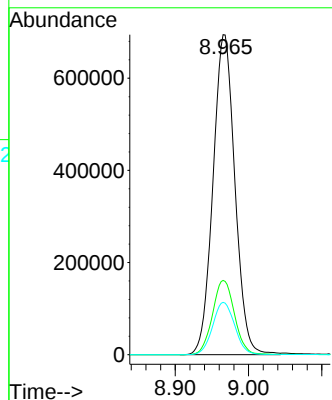
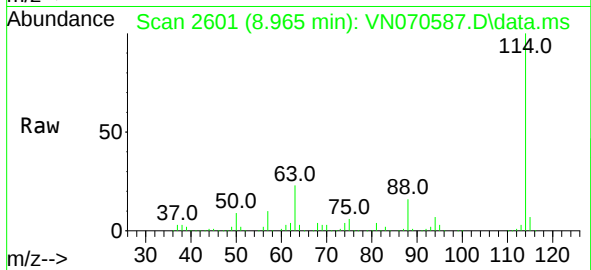
Tgt Ion:114 Resp: 1444900

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 53.995 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070587.D

Acq: 12 Jan 2022 15:35

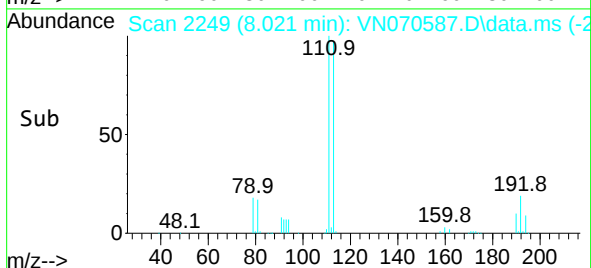
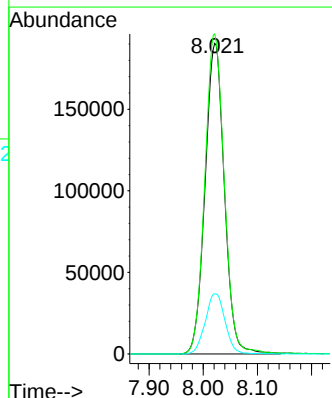
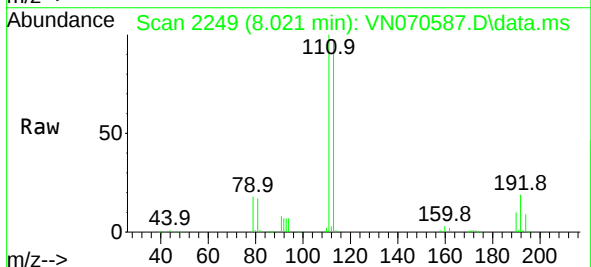
Tgt Ion:113 Resp: 472045

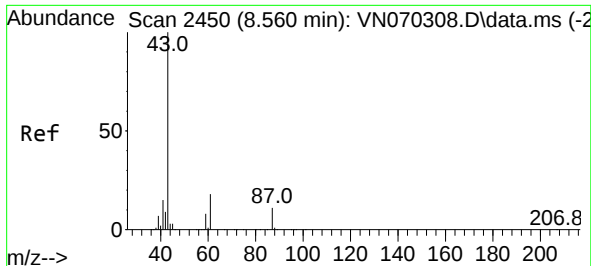
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 19.8 16.9 25.3

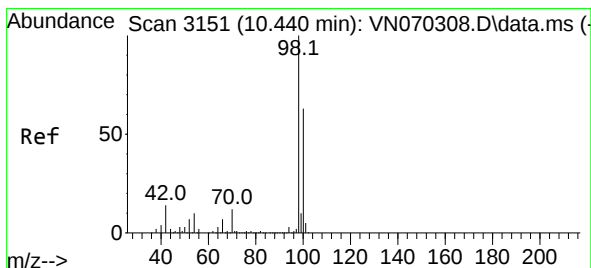
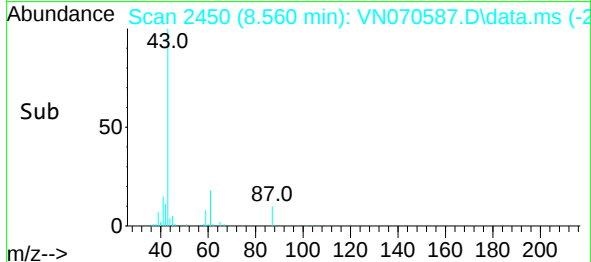
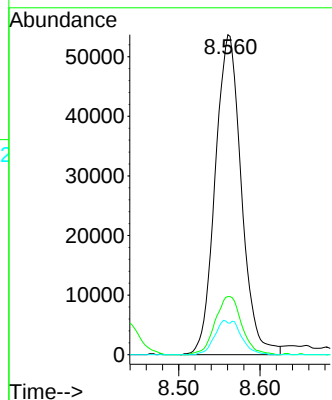
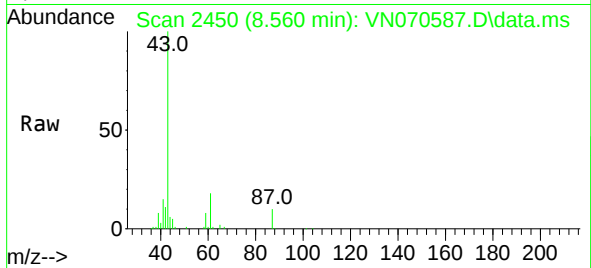




#43
Isopropyl Acetate
Concen: 4.065 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

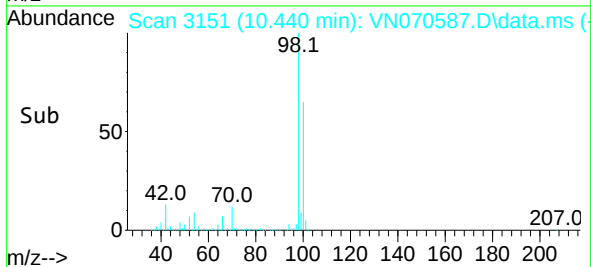
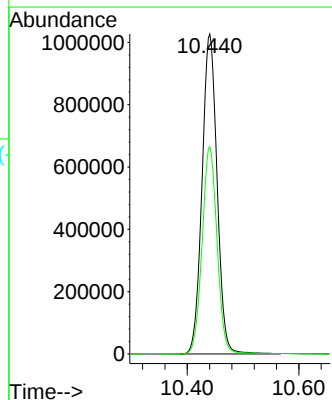
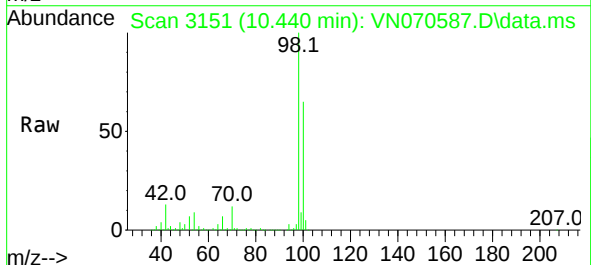
Instrument :
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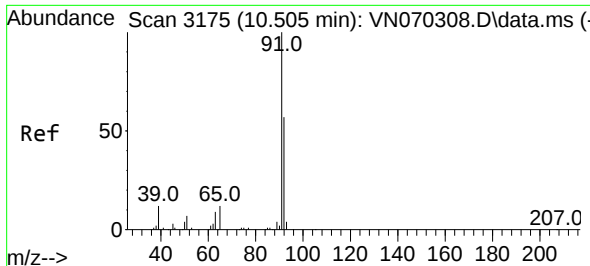
Tgt Ion: 43 Resp: 120129
Ion Ratio Lower Upper
43 100
61 18.5 20.4 30.6#
87 6.3 11.2 16.8#



#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

Tgt Ion: 98 Resp: 1922996
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

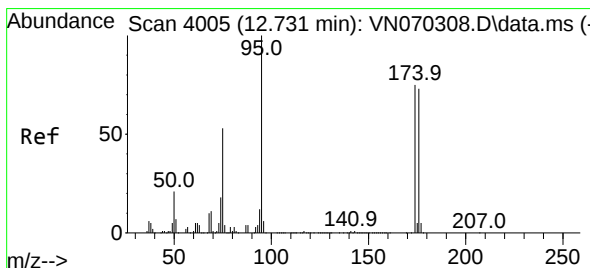
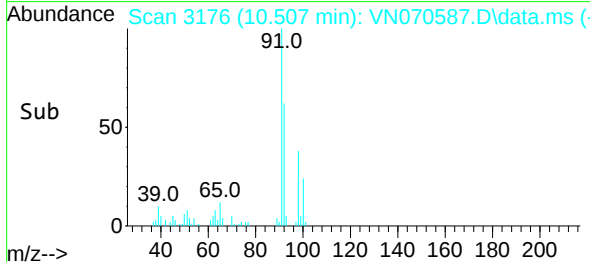
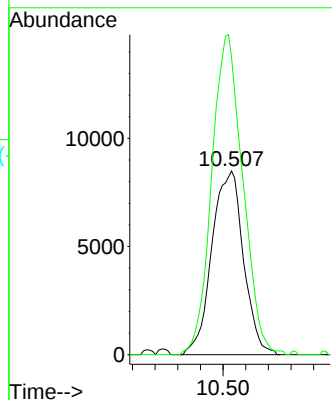
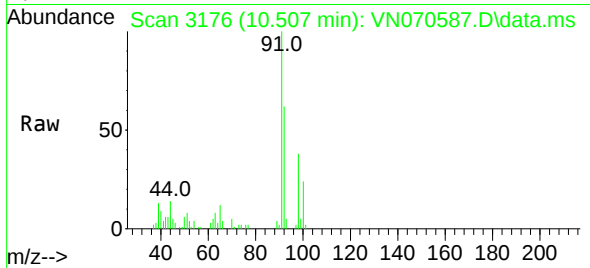




#52
Toluene
Concen: 0.612 ug/l
RT: 10.507 min Scan# 3175
Delta R.T. 0.002 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

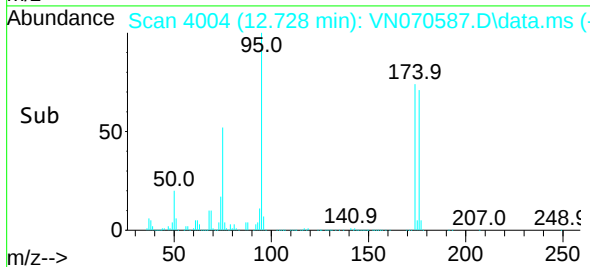
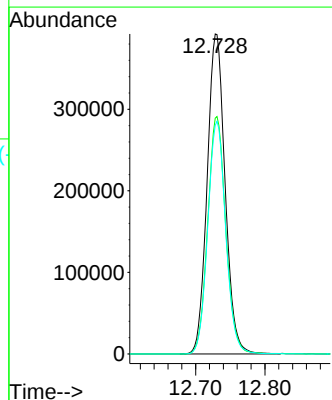
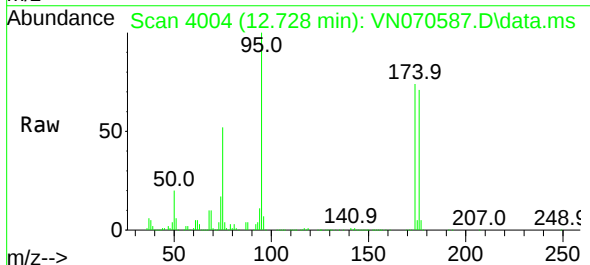
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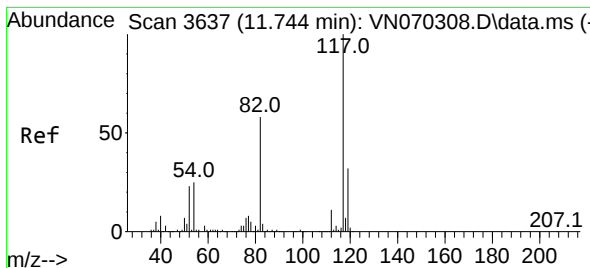
Tgt Ion: 92 Resp: 16434
Ion Ratio Lower Upper
92 100
91 171.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 54.744 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

Tgt Ion: 95 Resp: 706142
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3

Delta R.T. -0.003 min

Lab File: VN070587.D

Acq: 12 Jan 2022 15:35

Instrument :

MSVOA_N

ClientSampleId :

TP-1S

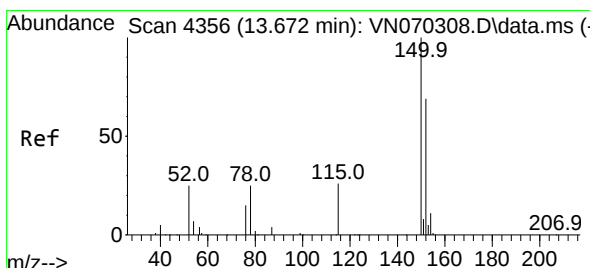
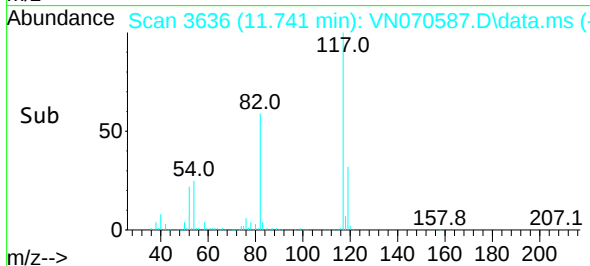
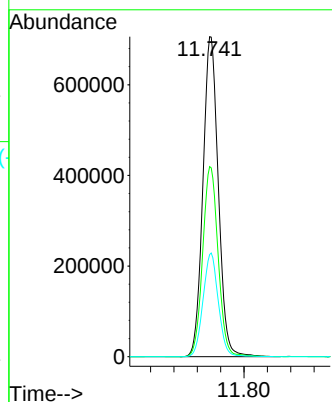
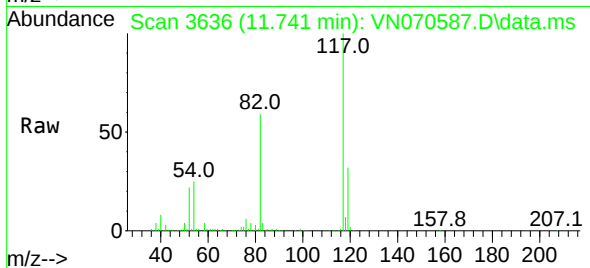
Tgt Ion:117 Resp: 1291004

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 31.9 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: VN070587.D

Acq: 12 Jan 2022 15:35

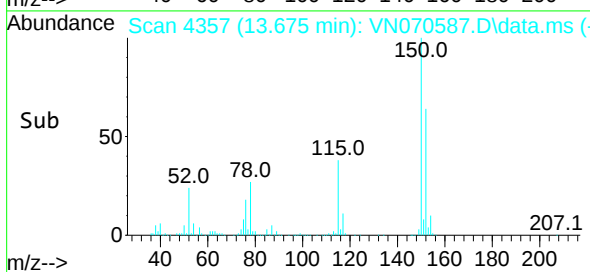
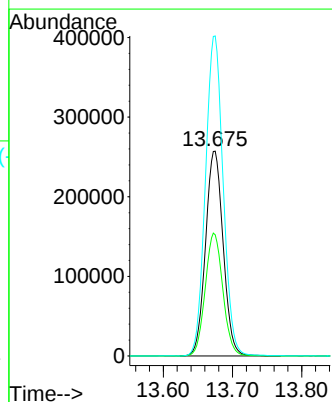
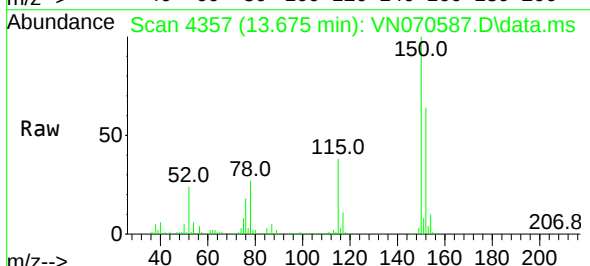
Tgt Ion:152 Resp: 456025

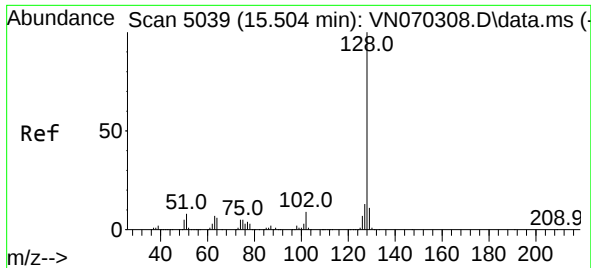
Ion Ratio Lower Upper

152 100

115 59.9 27.5 82.5

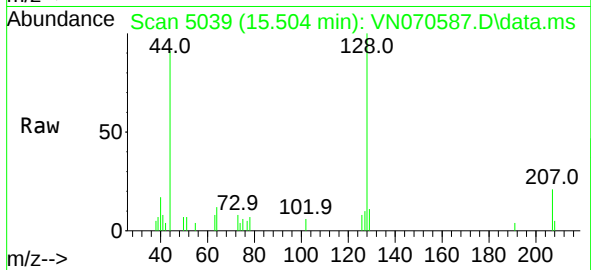
150 156.8 0.0 344.4





#95
Naphthalene
Concen: 2.209 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070587.D
Acq: 12 Jan 2022 15:35

Instrument :
MSVOA_N
ClientSampleId :
TP-1S



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	8.9	8.7	13.1

