

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070488.D
 Acq On : 5 Jan 2022 14:40
 Operator : JC/MD
 Sample : N1012-02DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31212DL

Quant Time: Jan 06 12:34:42 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)

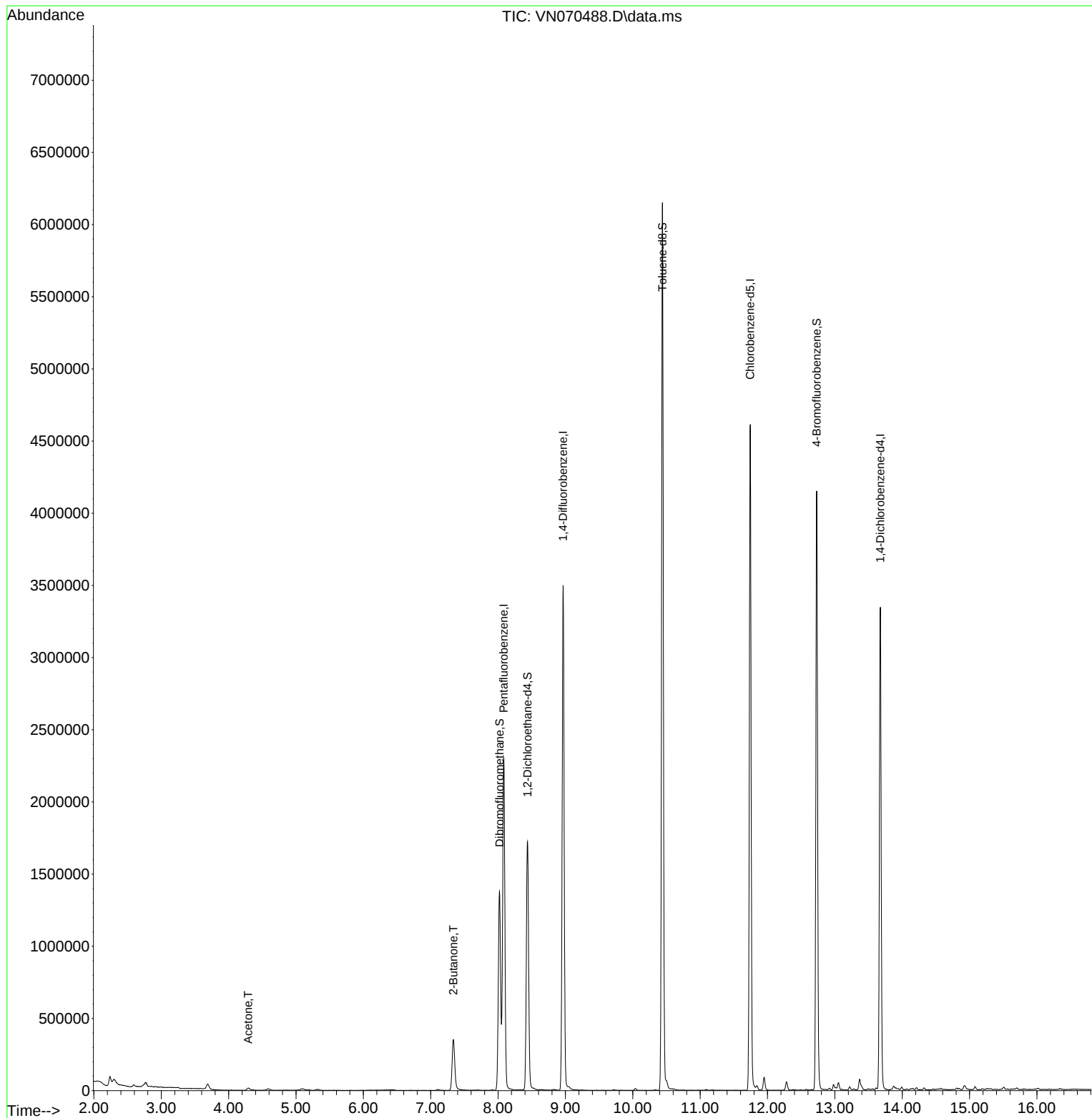
Internal Standards						
1) Pentafluorobenzene	8.083	168	1796181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2998567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2679911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	941512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1470627	56.944	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.880%
35) Dibromofluoromethane	8.021	113	1022469	56.357	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.720%
50) Toluene-d8	10.440	98	4235368	57.146	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	114.300%
62) 4-Bromofluorobenzene	12.731	95	1536005	57.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.760%
Target Compounds						Qvalue
16) Acetone	4.291	43	24517	1.462	ug/l	99
25) 2-Butanone	7.335	43	625346	29.625	ug/l	92

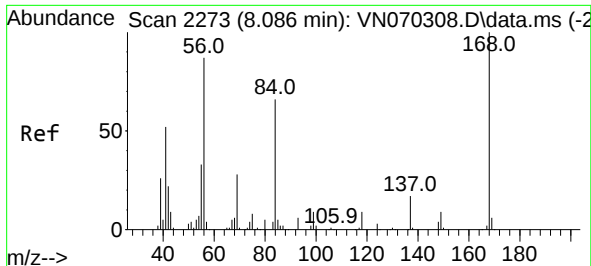
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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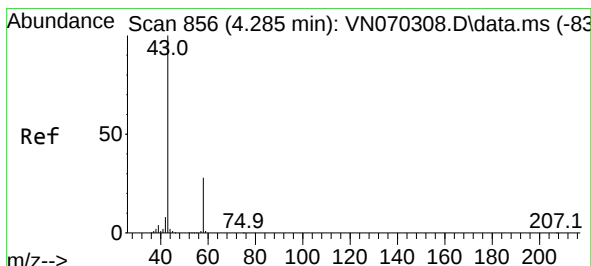
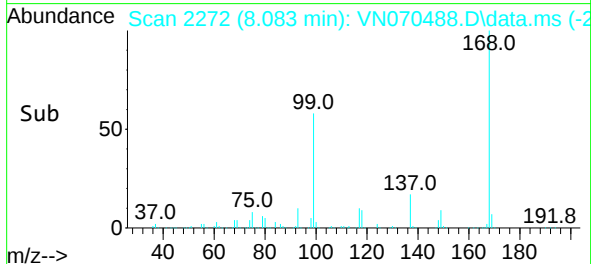
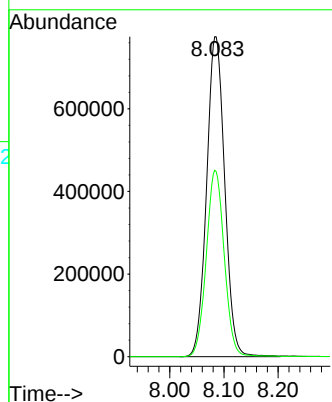
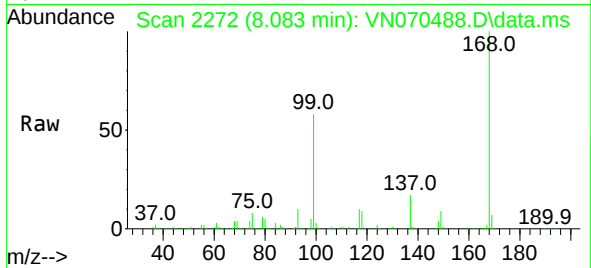




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070488.D
Acq: 5 Jan 2022 14:40

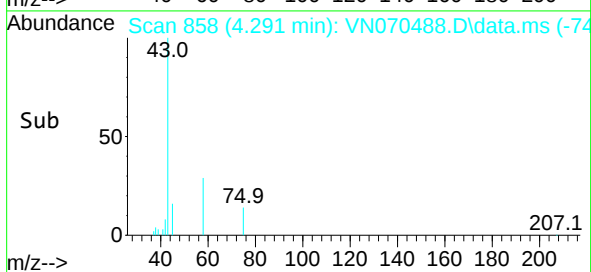
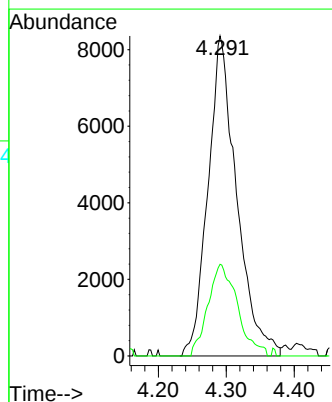
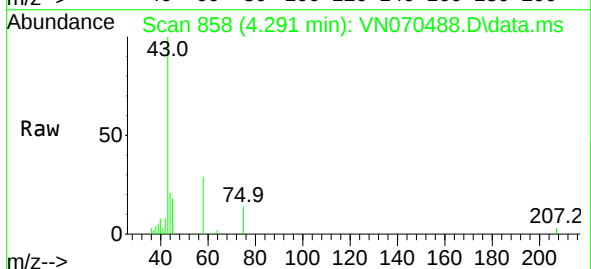
Instrument :
MSVOA_N
ClientSampleId :
31212DL

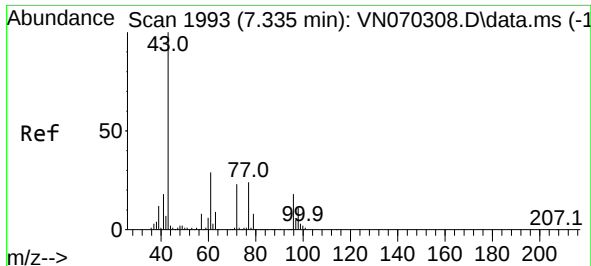
Tgt Ion:168 Resp: 1796181
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#16
Acetone
Concen: 1.462 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070488.D
Acq: 5 Jan 2022 14:40

Tgt Ion: 43 Resp: 24517
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7





#25

2-Butanone

Concen: 29.625 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN070488.D

Acq: 5 Jan 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

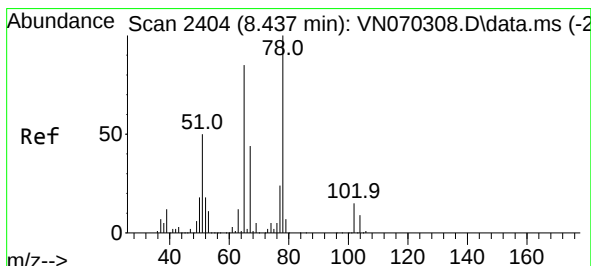
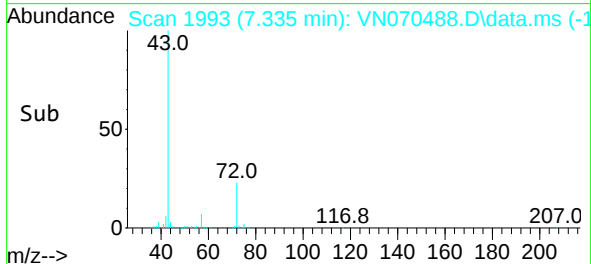
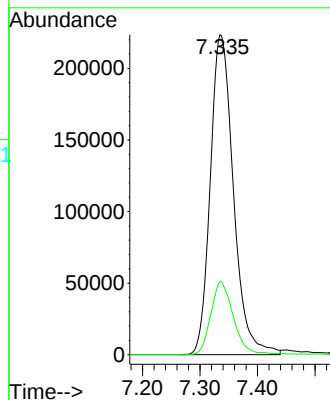
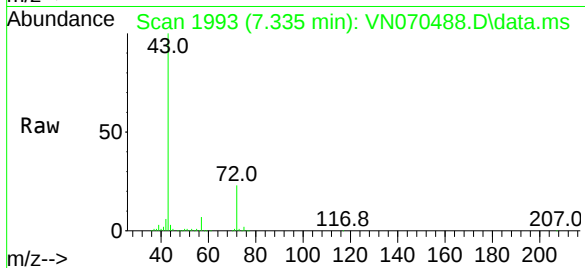
31212DL

Tgt Ion: 43 Resp: 625346

Ion Ratio Lower Upper

43 100

72 22.9 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 56.944 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070488.D

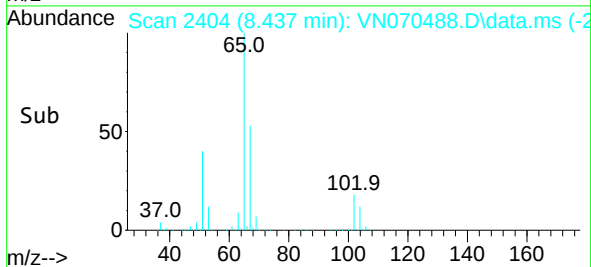
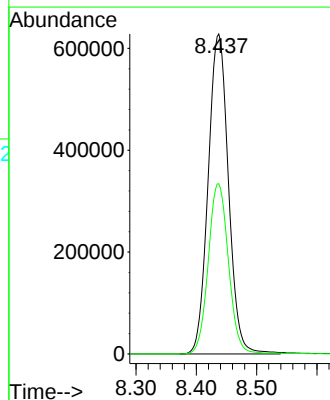
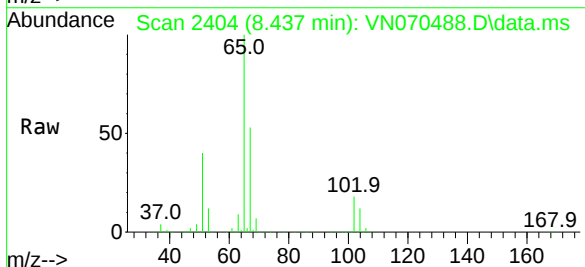
Acq: 5 Jan 2022 14:40

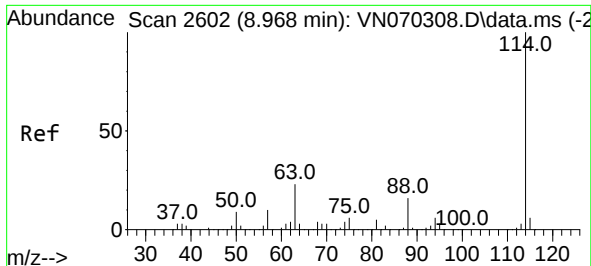
Tgt Ion: 65 Resp: 1470627

Ion Ratio Lower Upper

65 100

67 52.9 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: VN070488.D

Acq: 5 Jan 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

31212DL

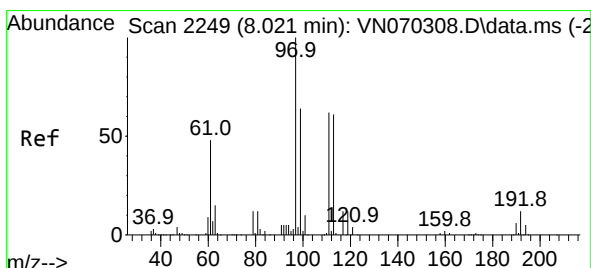
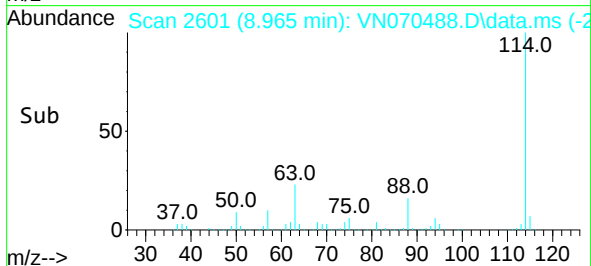
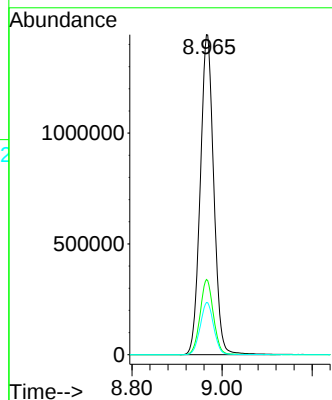
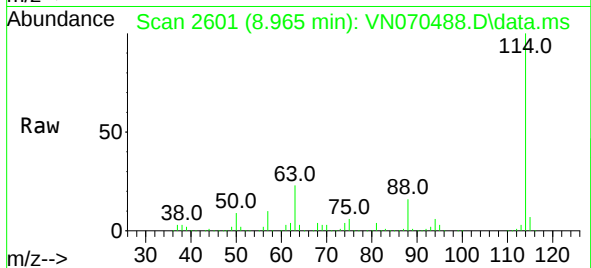
Tgt Ion:114 Resp: 2998567

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 56.357 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070488.D

Acq: 5 Jan 2022 14:40

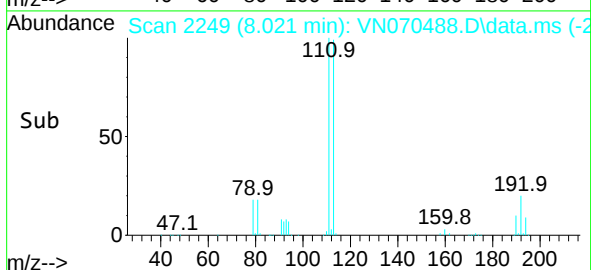
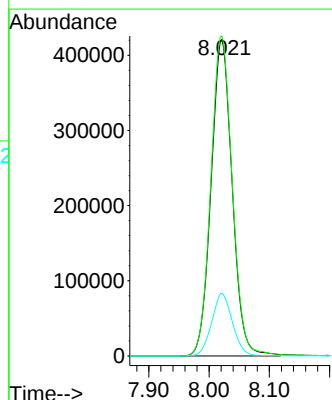
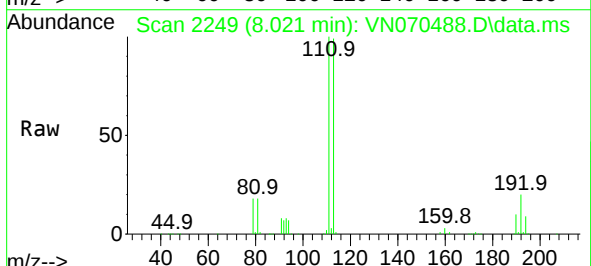
Tgt Ion:113 Resp: 1022469

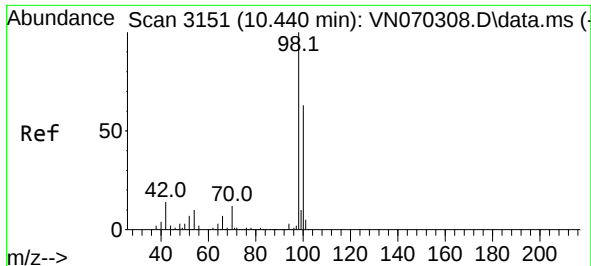
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 19.5 16.9 25.3

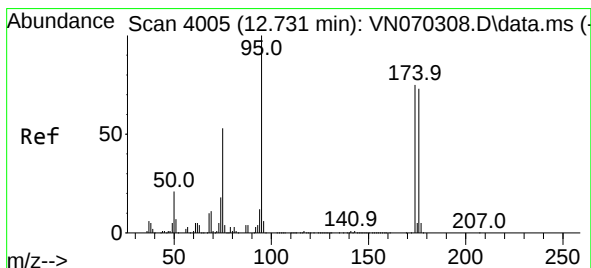
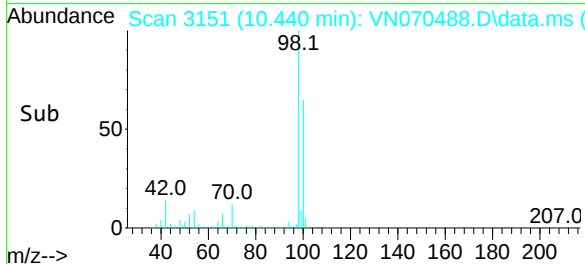
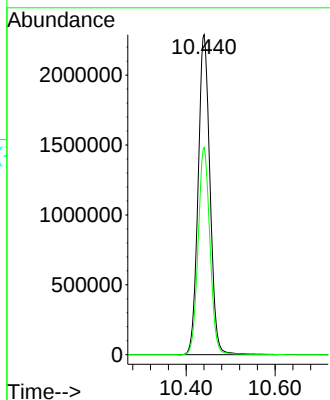
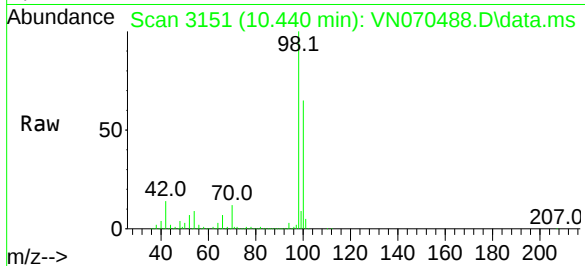




#50
Toluene-d8
Concen: 57.146 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070488.D
Acq: 5 Jan 2022 14:40

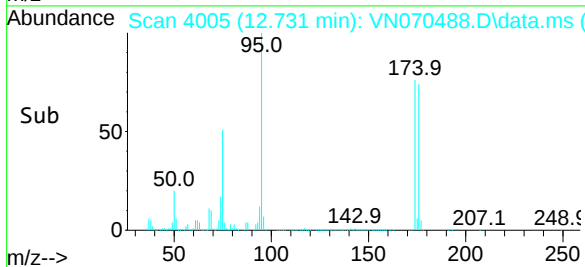
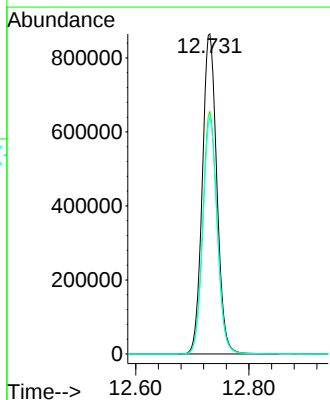
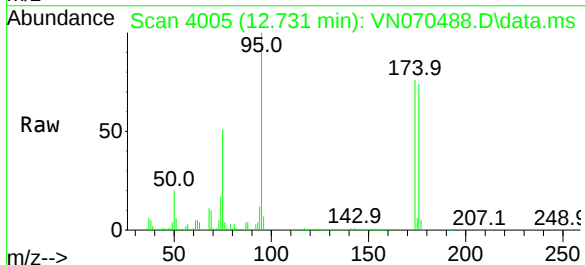
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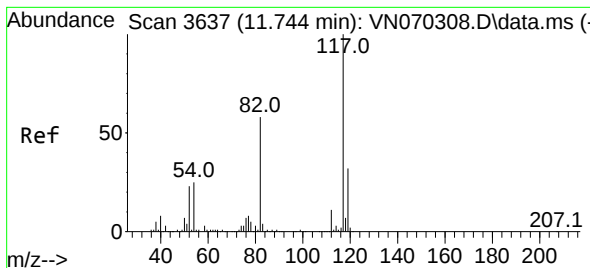
Tgt Ion: 98 Resp: 4235368
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 57.380 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070488.D
Acq: 5 Jan 2022 14:40

Tgt Ion: 95 Resp: 1536005
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN070488.D

Acq: 5 Jan 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

31212DL

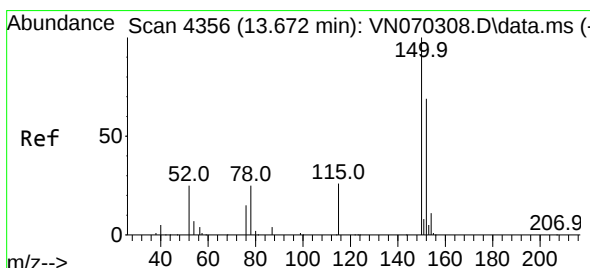
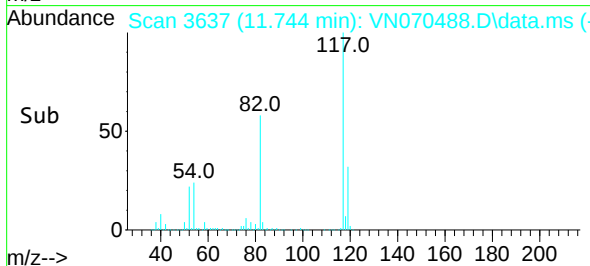
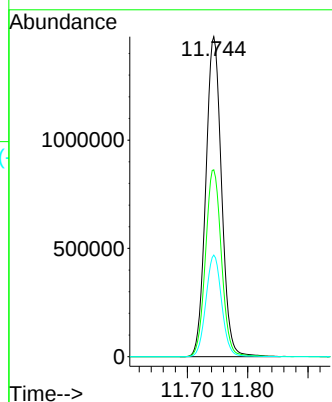
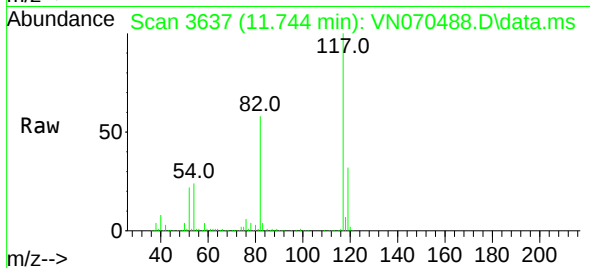
Tgt Ion:117 Resp: 2679911

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 31.7 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: VN070488.D

Acq: 5 Jan 2022 14:40

Tgt Ion:152 Resp: 941512

Ion Ratio Lower Upper

152 100

115 60.1 27.5 82.5

150 155.9 0.0 344.4

