

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070372.D
 Acq On : 30 Dec 2021 2:54
 Operator : JC/MD
 Sample : M5237-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1S

Quant Time: Dec 30 03:17:43 2021
 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)

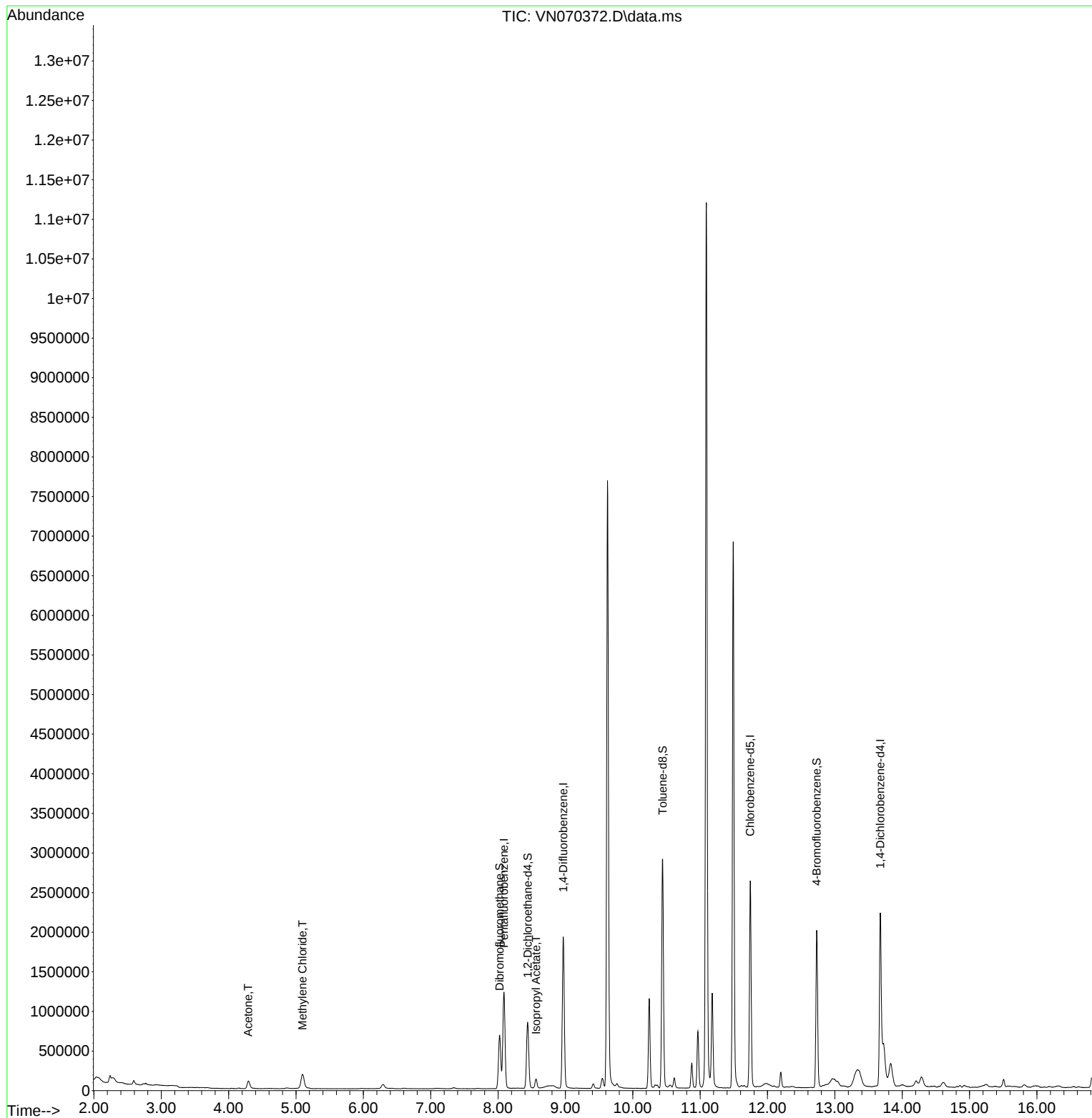
Internal Standards						
1) Pentafluorobenzene	8.088	168	931906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1614019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1454862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	595504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	713778	53.271	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.540%
35) Dibromofluoromethane	8.021	113	501974	51.402	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.800%
50) Toluene-d8	10.443	98	1992223	49.938	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.731	95	714205	49.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.140%
Target Compounds						
						Qvalue
16) Acetone	4.291	43	177831	20.445	ug/l	98
20) Methylene Chloride	5.095	84	135213	11.236	ug/l	86
43) Isopropyl Acetate	8.563	43	140513	4.256	ug/l #	87

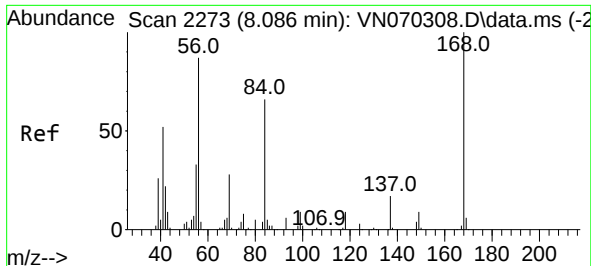
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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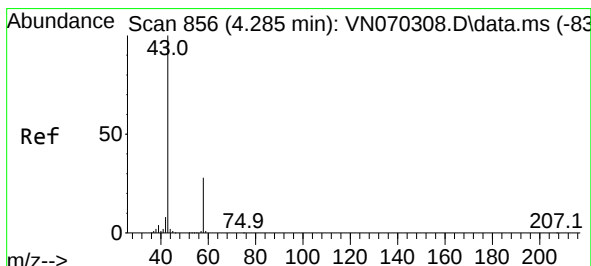
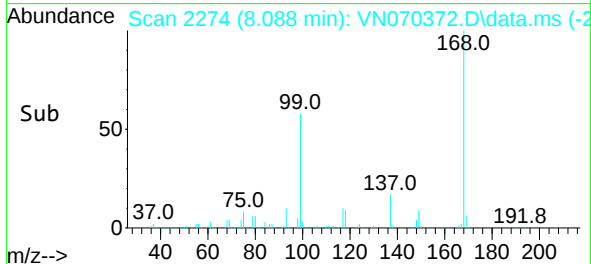
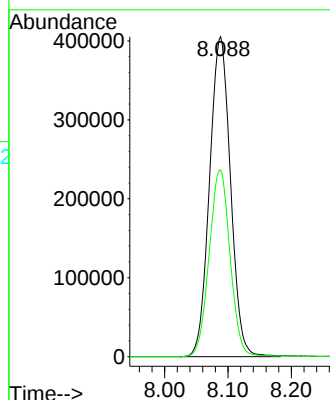
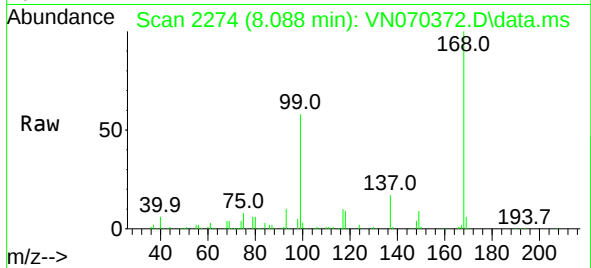




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

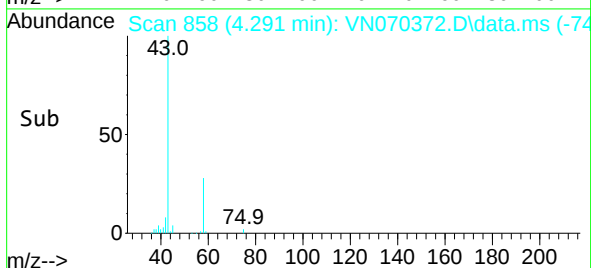
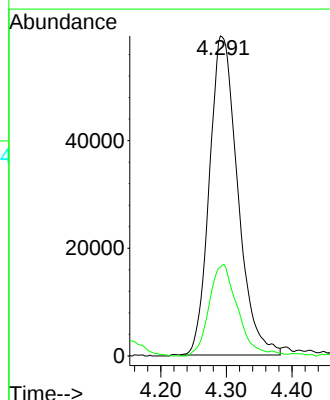
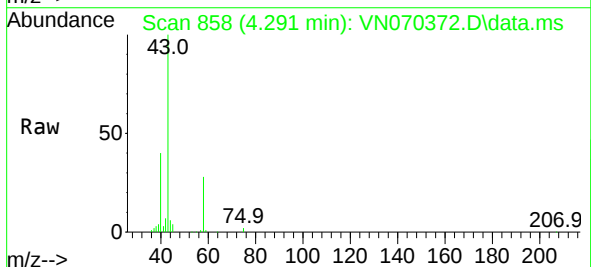
Instrument :
MSVOA_N
ClientSampleId :
TP-1S

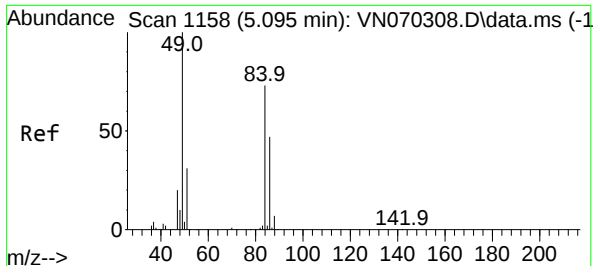
Tgt Ion:168 Resp: 931906
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#16
Acetone
Concen: 20.445 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

Tgt Ion: 43 Resp: 177831
Ion Ratio Lower Upper
43 100
58 28.0 23.1 34.7



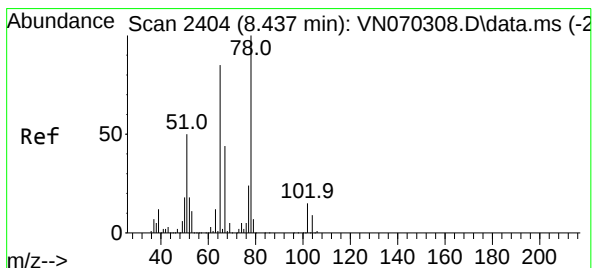
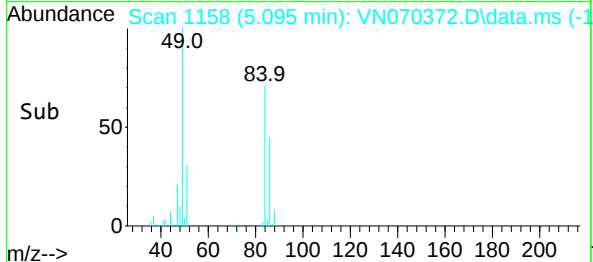
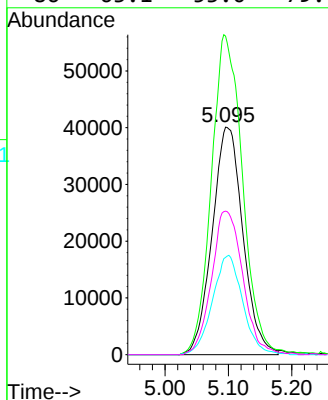
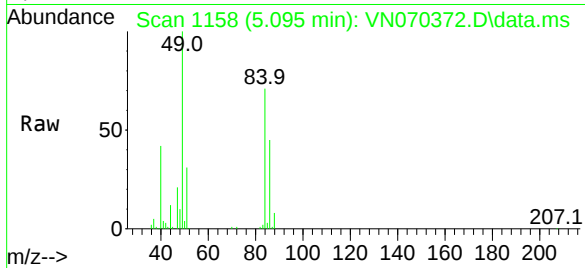


#20
Methylene Chloride
Concen: 11.236 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :
TP-1S

Tgt Ion: 84 Resp: 135213

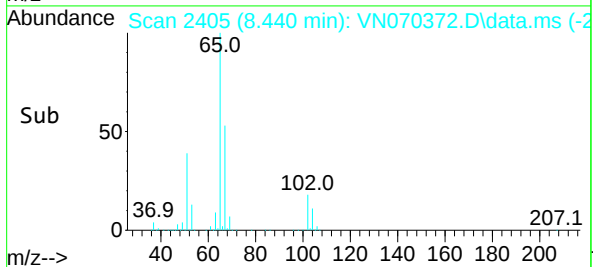
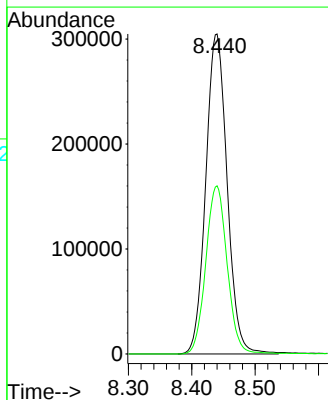
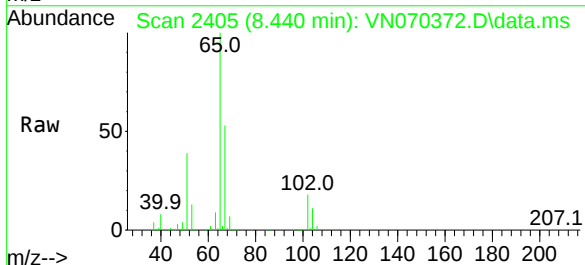
Ion	Ratio	Lower	Upper
84	100		
49	140.0	93.5	140.3
51	42.8	29.4	44.2
86	63.1	53.0	79.4

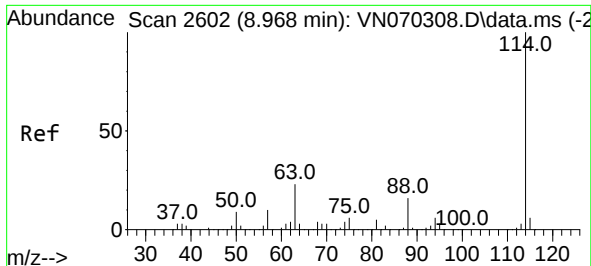


#33
1,2-Dichloroethane-d4
Concen: 53.271 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

Tgt Ion: 65 Resp: 713778

Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VN070372.D

Acq: 30 Dec 2021 2:54

Instrument :

MSVOA_N

ClientSampleId :

TP-1S

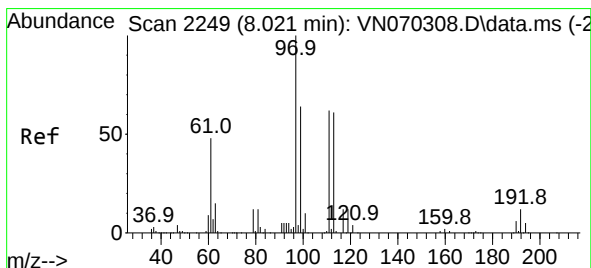
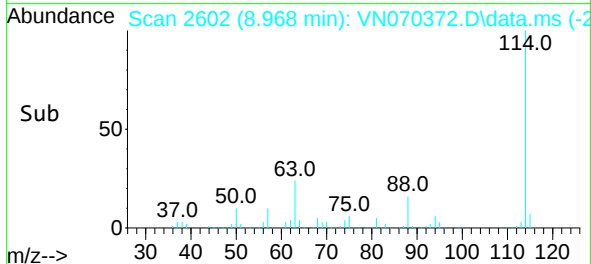
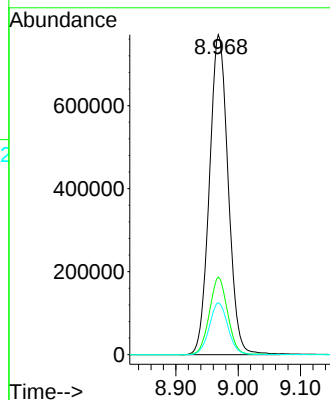
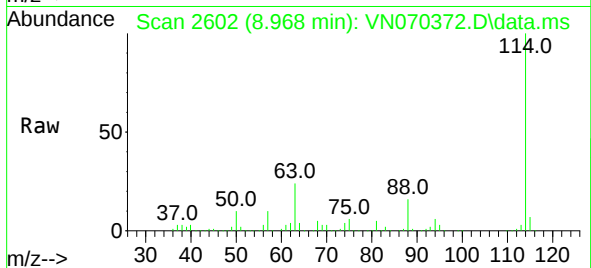
Tgt Ion:114 Resp: 1614019

Ion Ratio Lower Upper

114 100

63 24.3 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 51.402 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070372.D

Acq: 30 Dec 2021 2:54

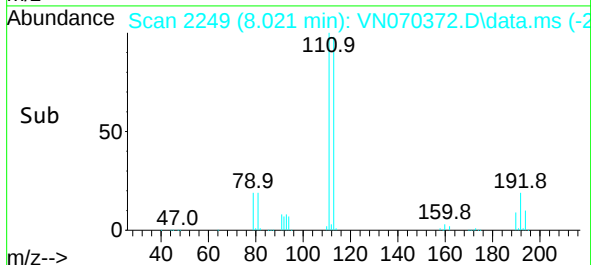
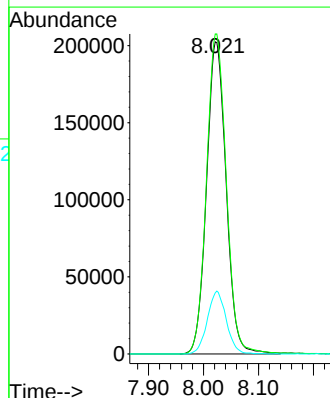
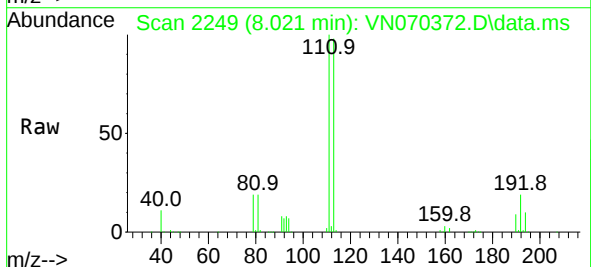
Tgt Ion:113 Resp: 501974

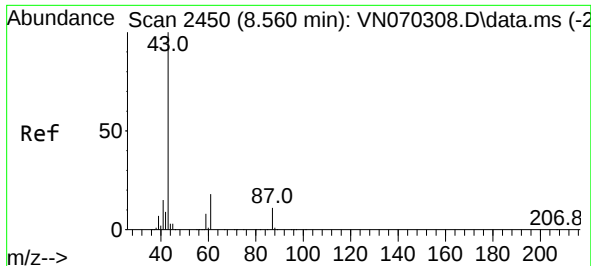
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 19.4 16.9 25.3

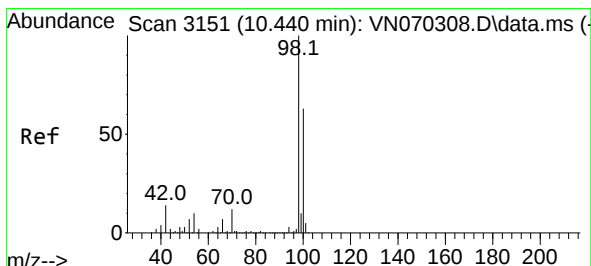
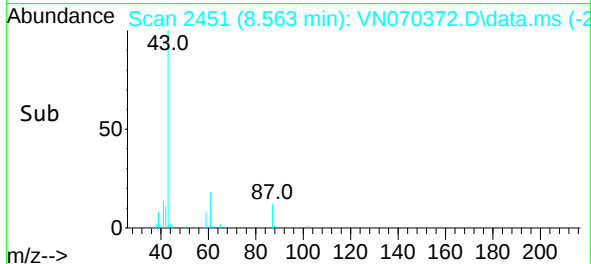
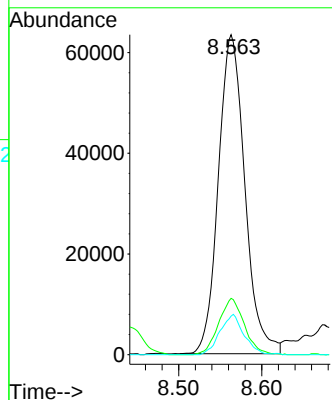
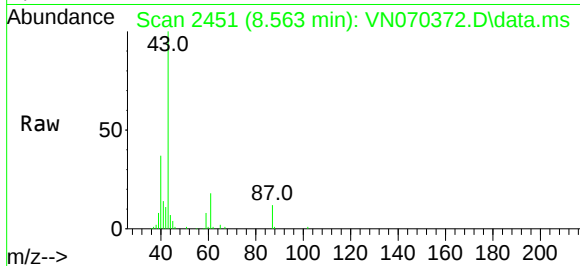




#43
Isopropyl Acetate
Concen: 4.256 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

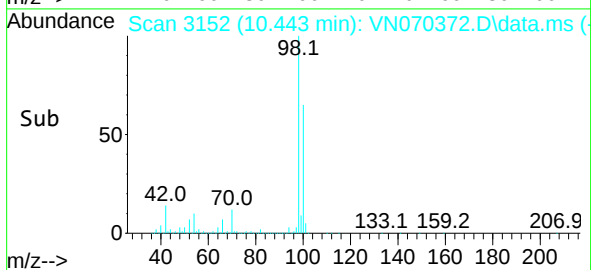
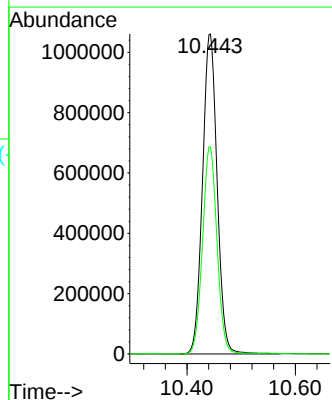
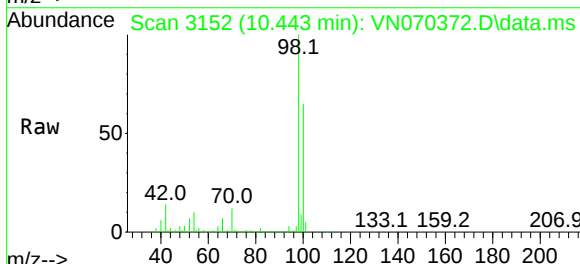
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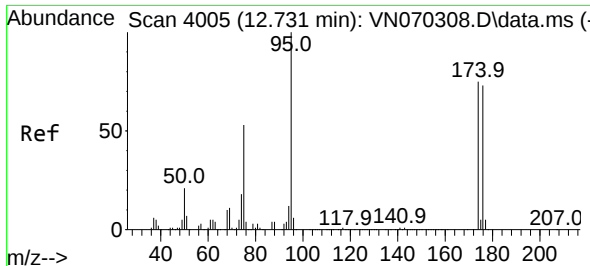
Tgt Ion: 43 Resp: 140513
Ion Ratio Lower Upper
43 100
61 17.2 20.4 30.6#
87 11.4 11.2 16.8



#50
Toluene-d8
Concen: 49.938 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

Tgt Ion: 98 Resp: 1992223
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

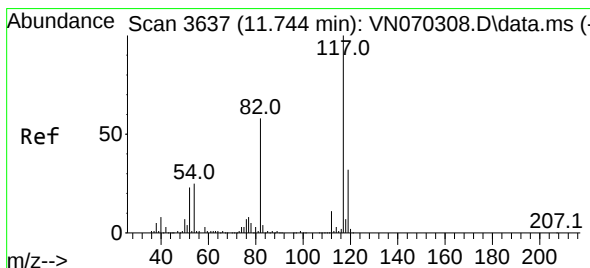
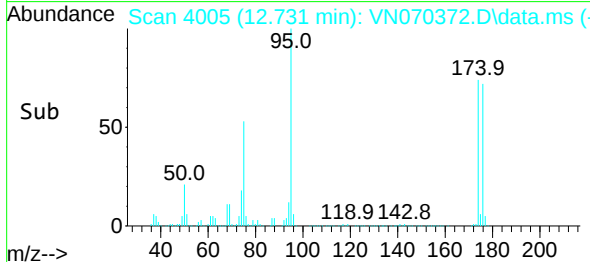
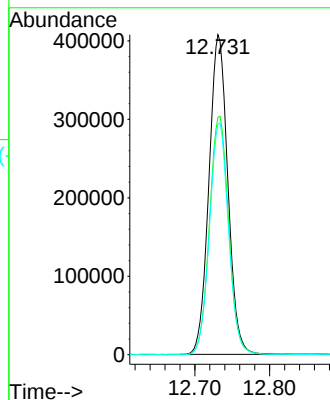
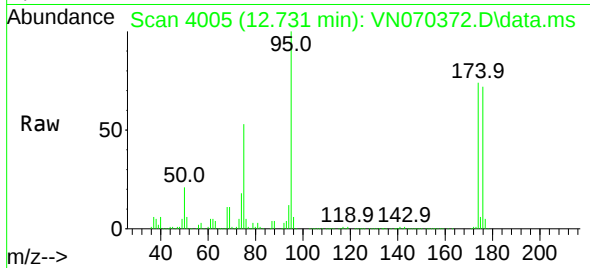




#62
4-Bromofluorobenzene
Concen: 49.568 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

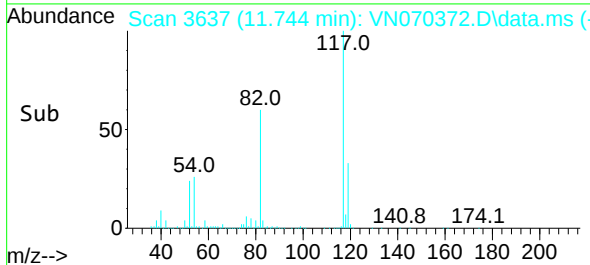
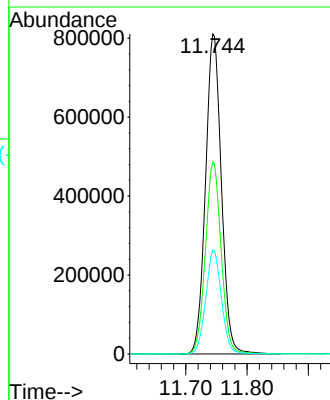
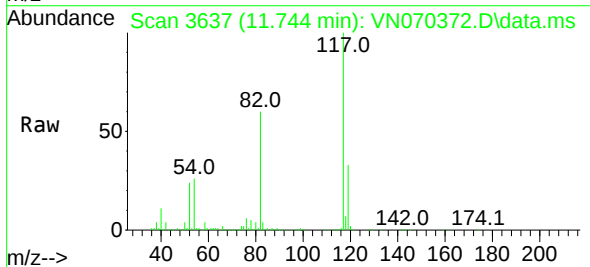
Instrument :
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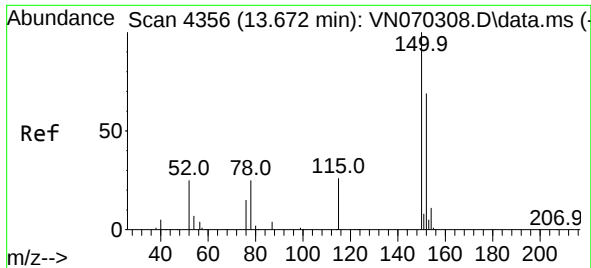
Tgt Ion: 95 Resp: 714205
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070372.D
Acq: 30 Dec 2021 2:54

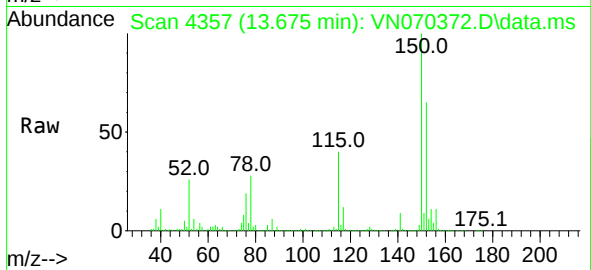
Tgt Ion: 117 Resp: 1454862
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070372.D
 Acq: 30 Dec 2021 2:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1S



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	27.5	82.5
150	140.1	0.0	344.4

