

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070197.D
 Acq On : 18 Dec 2021 6:14
 Operator : JC/MD
 Sample : M5115-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

Quant Time: Dec 19 07:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

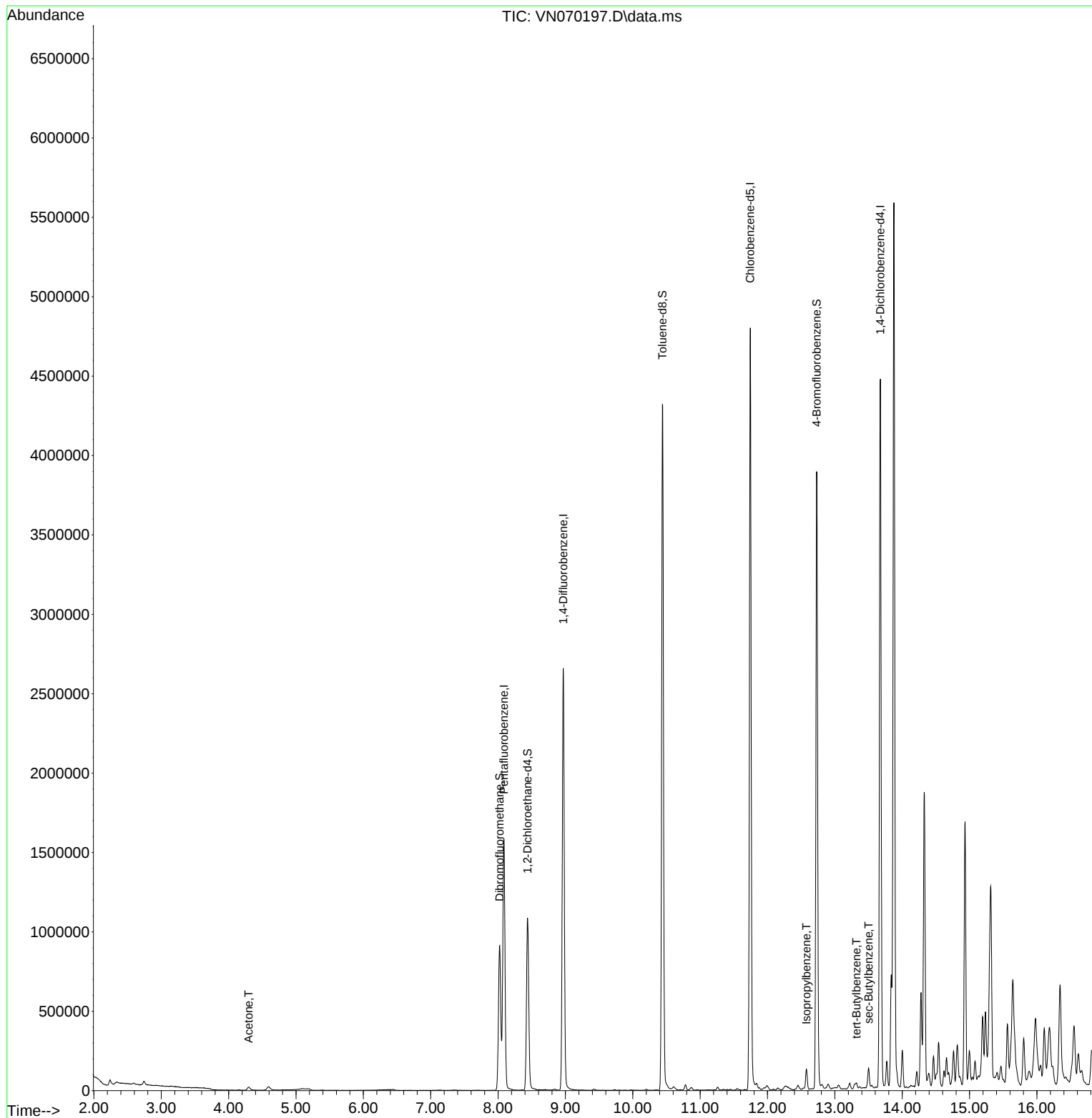
Internal Standards						
1) Pentafluorobenzene	8.086	168	1188570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2244218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2643242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1172867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	946795	51.592	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.180%
35) Dibromofluoromethane	8.024	113	669021	47.592	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.180%
50) Toluene-d8	10.440	98	2981407	52.820	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.731	95	1371502	67.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	134.140%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	37941	3.437	ug/l	98
73) Isopropylbenzene	12.578	105	81275	0.779	ug/l	99
83) tert-Butylbenzene	13.321	119	15194	0.204	ug/l	90
85) sec-Butylbenzene	13.501	105	82123	0.814	ug/l	99

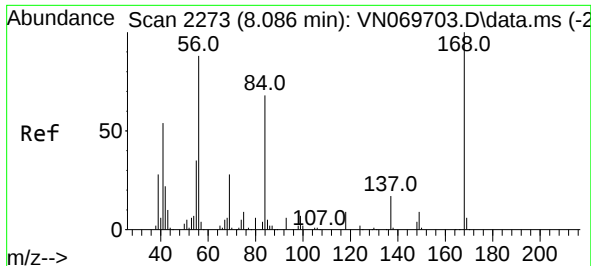
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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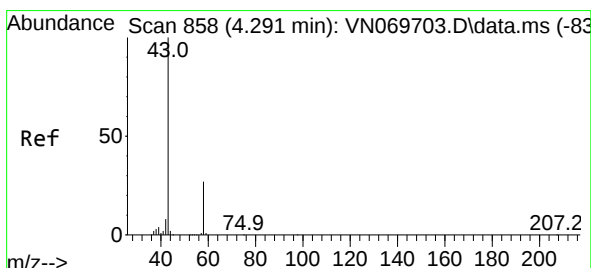
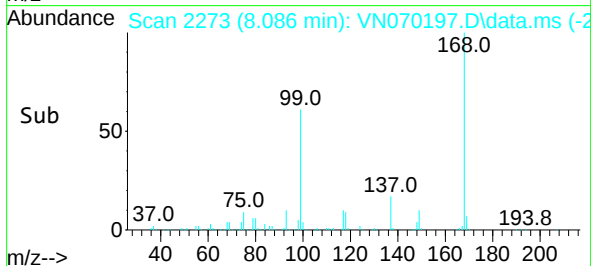
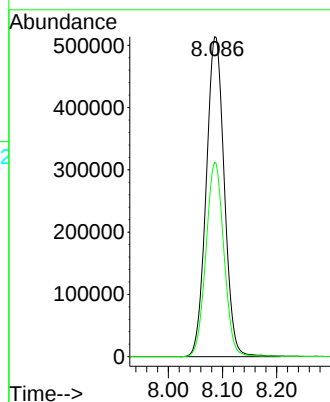
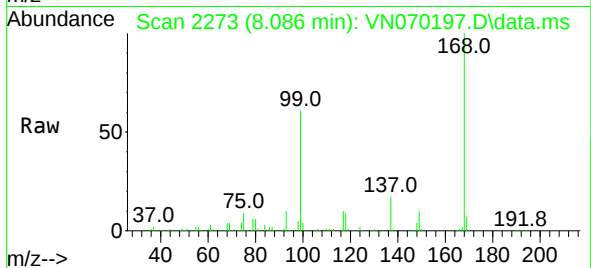




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070197.D
Acq: 18 Dec 2021 6:14

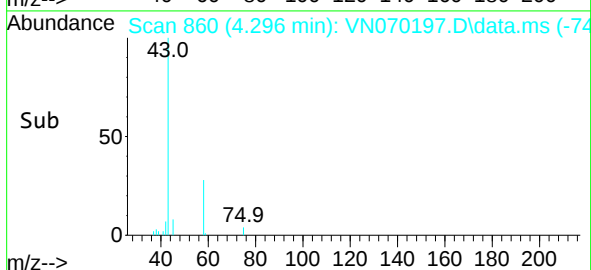
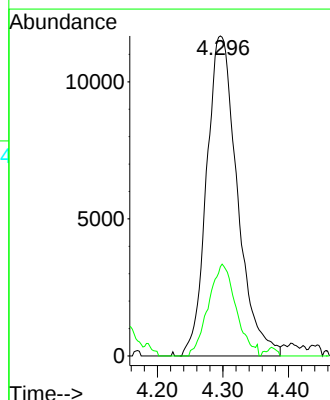
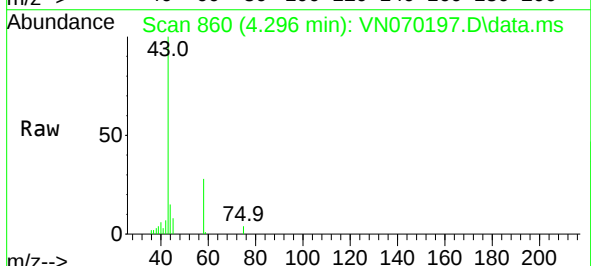
Instrument :
MSVOA_N
ClientSampleId :
MW-2R

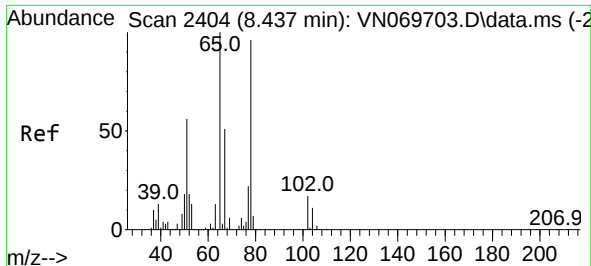
Tgt Ion:168 Resp: 1188570
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#16
Acetone
Concen: 3.437 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN070197.D
Acq: 18 Dec 2021 6:14

Tgt Ion: 43 Resp: 37941
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 51.592 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070197.D

Acq: 18 Dec 2021 6:14

Instrument :

MSVOA_N

ClientSampleId :

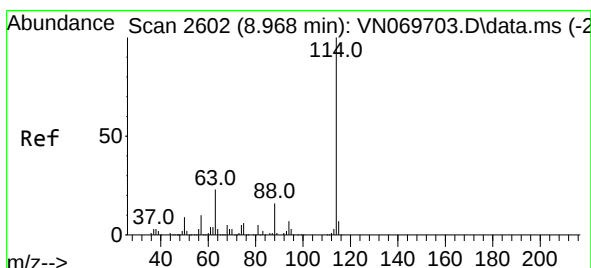
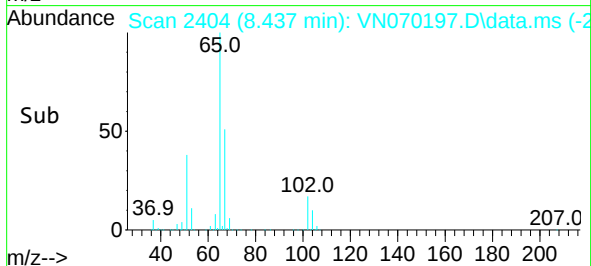
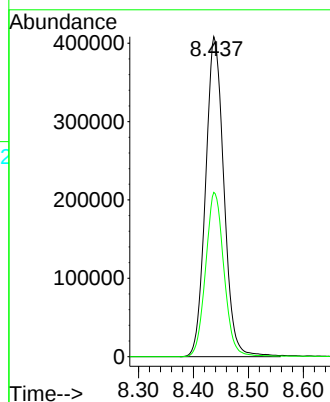
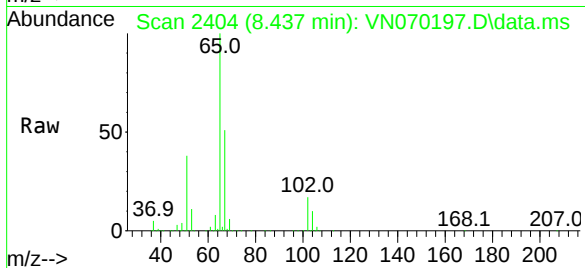
MW-2R

Tgt Ion: 65 Resp: 946795

Ion Ratio Lower Upper

65 100

67 51.2 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: VN070197.D

Acq: 18 Dec 2021 6:14

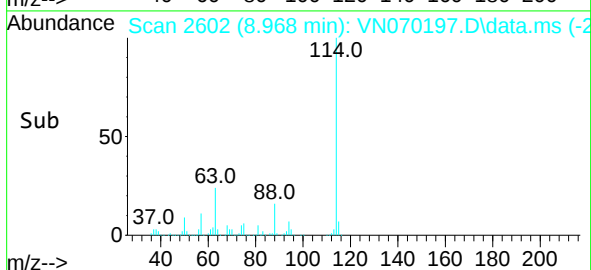
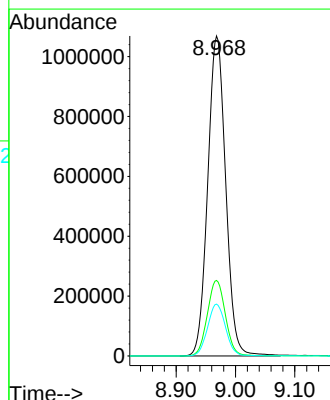
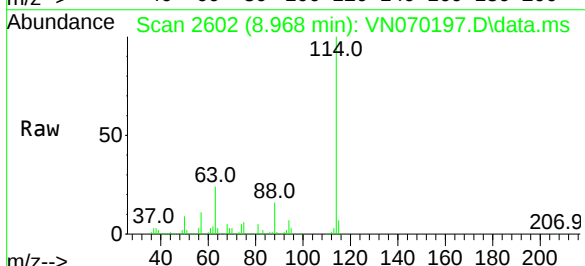
Tgt Ion: 114 Resp: 2244218

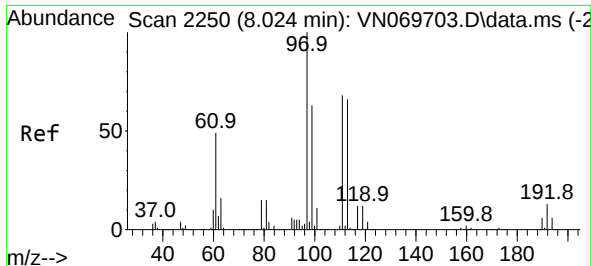
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.2 0.0 27.4

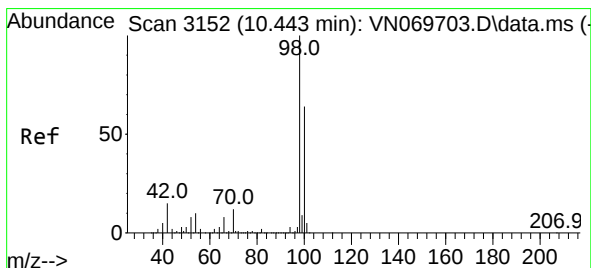
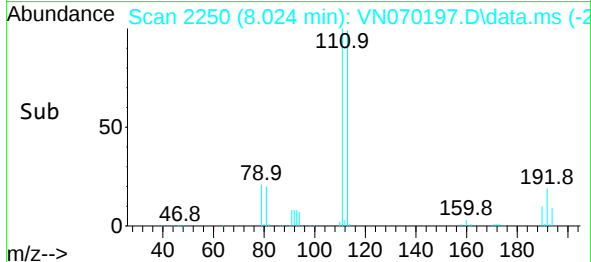
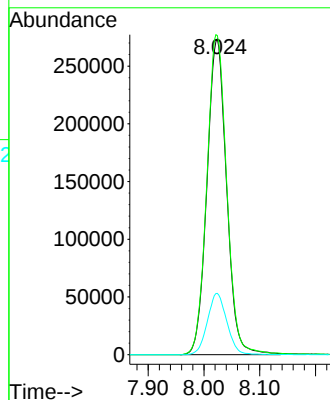
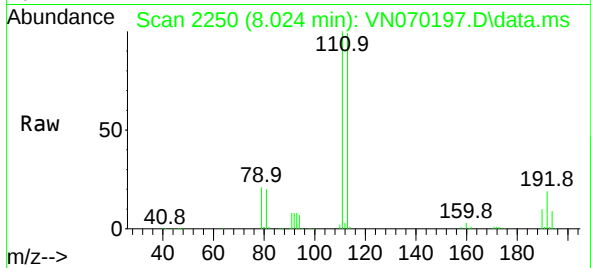




#35
Dibromofluoromethane
Concen: 47.592 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070197.D
Acq: 18 Dec 2021 6:14

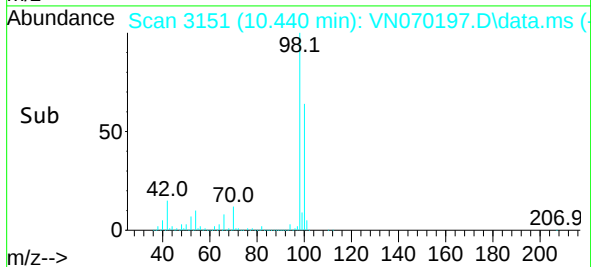
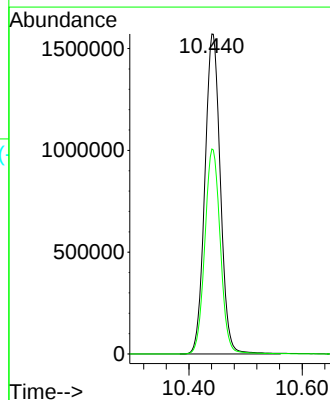
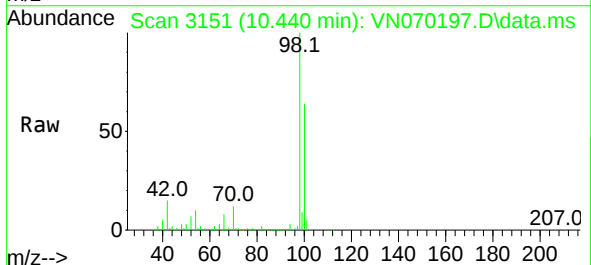
Instrument :
MSVOA_N
ClientSampleId :
MW-2R

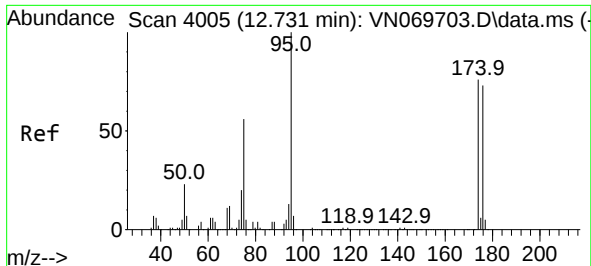
Tgt Ion:113 Resp: 669021
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 52.820 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070197.D
Acq: 18 Dec 2021 6:14

Tgt Ion: 98 Resp: 2981407
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

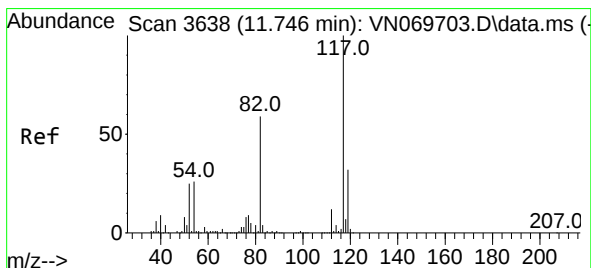
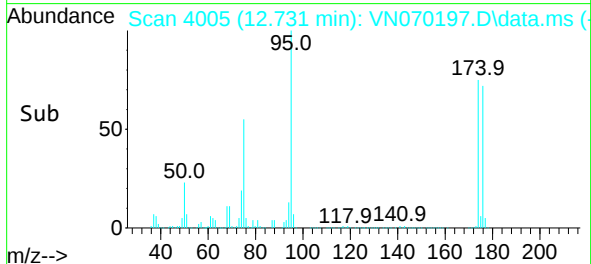
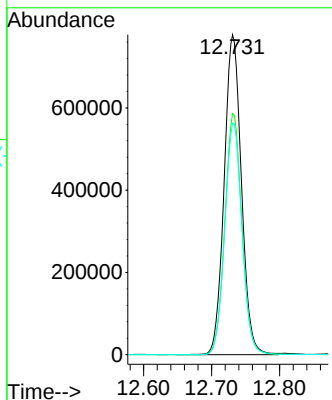
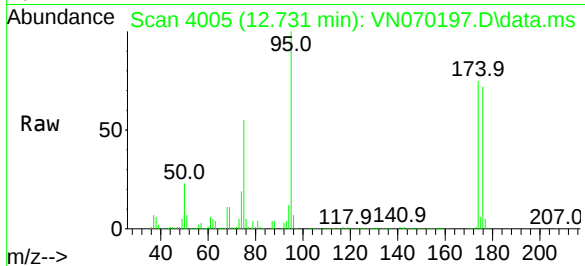




#62
4-Bromofluorobenzene
Concen: 67.070 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070197.D
Acq: 18 Dec 2021 6:14

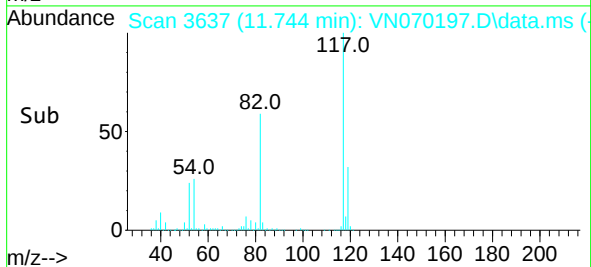
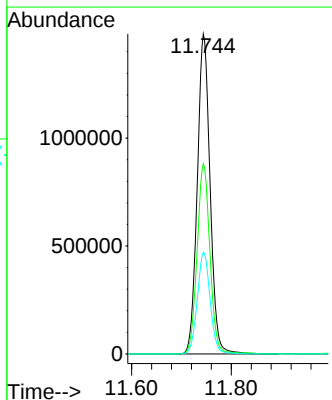
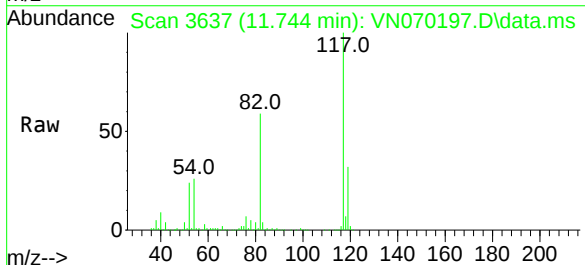
Instrument :
MSVOA_N
ClientSampleId :
MW-2R

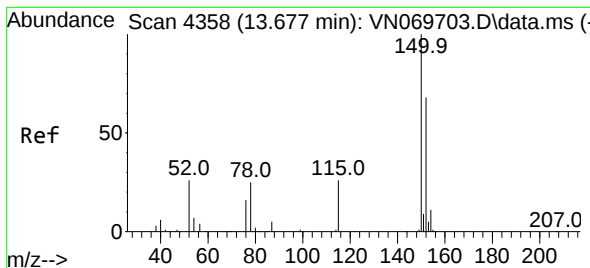
Tgt Ion: 95 Resp: 1371502
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070197.D
Acq: 18 Dec 2021 6:14

Tgt Ion: 117 Resp: 2643242
Ion Ratio Lower Upper
117 100
82 59.5 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# 4358

Delta R.T. -0.003 min

Lab File: VN070197.D

Acq: 18 Dec 2021 6:14

Instrument :

MSVOA_N

ClientSampleId :

MW-2R

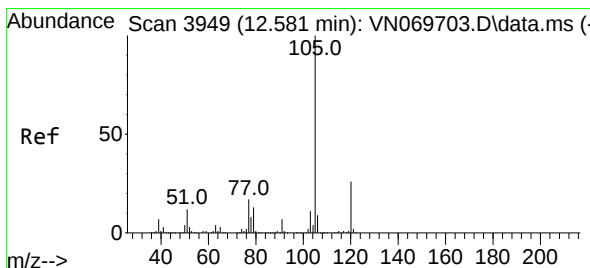
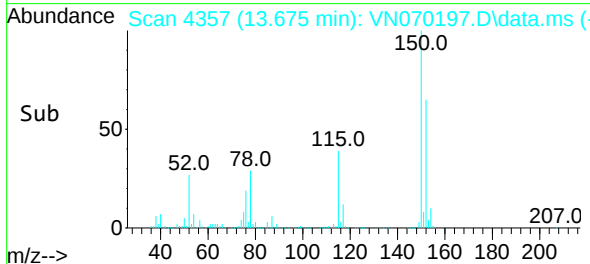
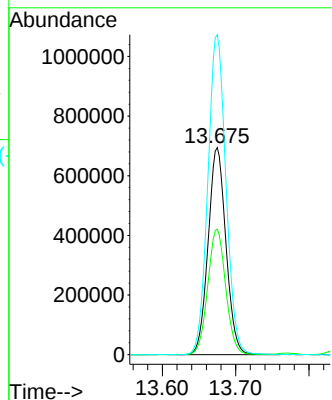
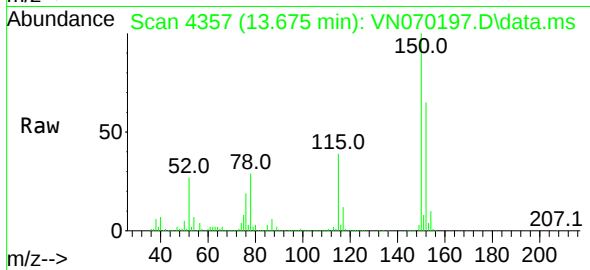
Tgt Ion:152 Resp: 1172867

Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.5

150 156.6 0.0 344.4



#73

Isopropylbenzene

Concen: 0.779 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.003 min

Lab File: VN070197.D

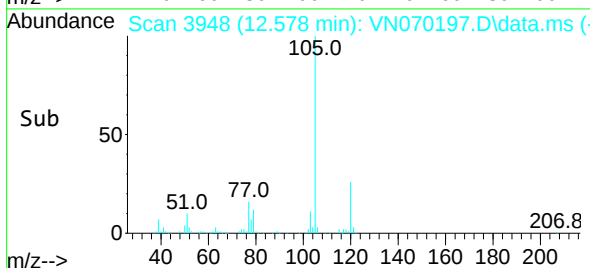
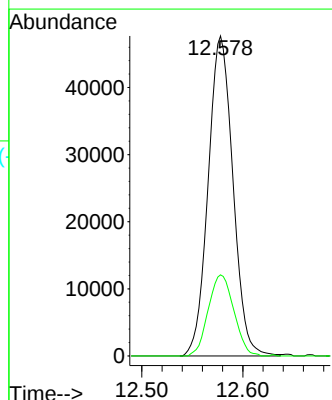
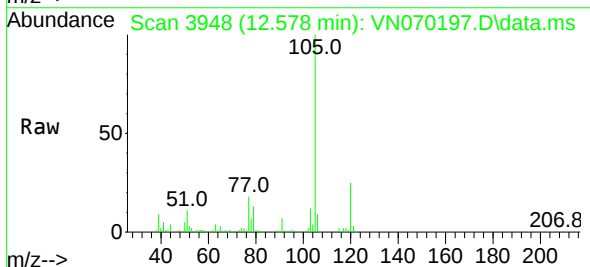
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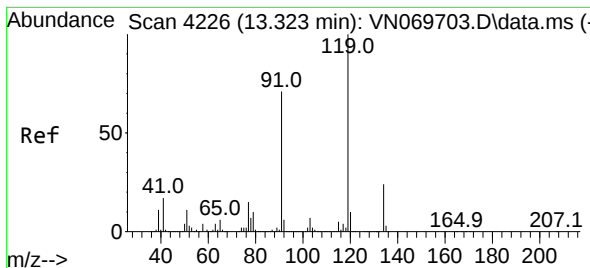
Tgt Ion:105 Resp: 81275

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1





#83

tert-Butylbenzene

Concen: 0.204 ug/l

RT: 13.321 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070197.D

Acq: 18 Dec 2021 6:14

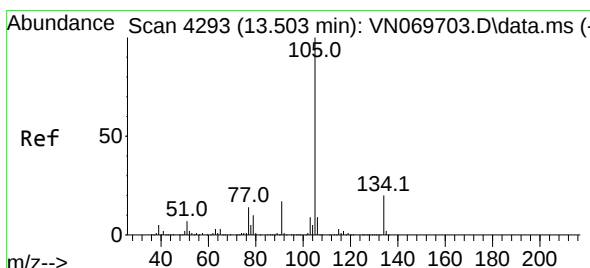
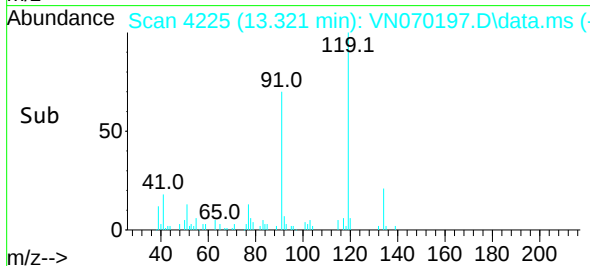
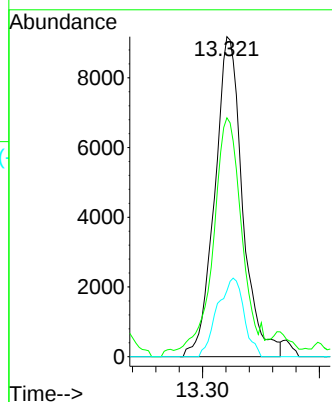
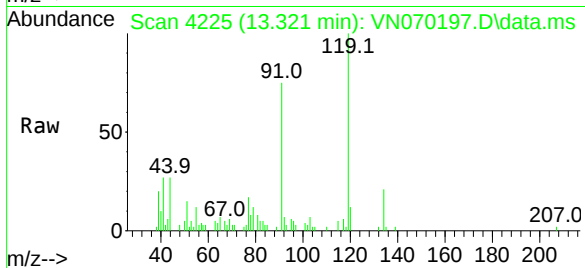
Instrument :

MSVOA_N

ClientSampleId :

MW-2R

Tgt Ion:	119	Resp:	15194
Ion	Ratio	Lower	Upper
119	100		
91	72.6	31.5	94.5
134	23.4	12.4	37.4



#85

sec-Butylbenzene

Concen: 0.814 ug/l

RT: 13.501 min Scan# 4292

Delta R.T. -0.003 min

Lab File: VN070197.D

Acq: 18 Dec 2021 6:14

Tgt Ion:	105	Resp:	82123
Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.4	31.1

