

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070347.D
 Acq On : 29 Dec 2021 14:33
 Operator : JC/MD
 Sample : M5115-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/30/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 30 01:50:19 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	8.086	168	885197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1497094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1369878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	517149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	664553	52.214	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.420%			
35) Dibromofluoromethane	8.021	113	466852	51.539	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.080%			
50) Toluene-d8	10.443	98	1786093	48.268	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.540%			
62) 4-Bromofluorobenzene	12.731	95	672330	50.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.620%			
Target Compounds						
16) Acetone	4.299	43	44879	5.432	ug/l	98
73) Isopropylbenzene	12.581	105	77149	1.606	ug/l	100
85) sec-Butylbenzene	13.501	105	77312m	1.680	ug/l	

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

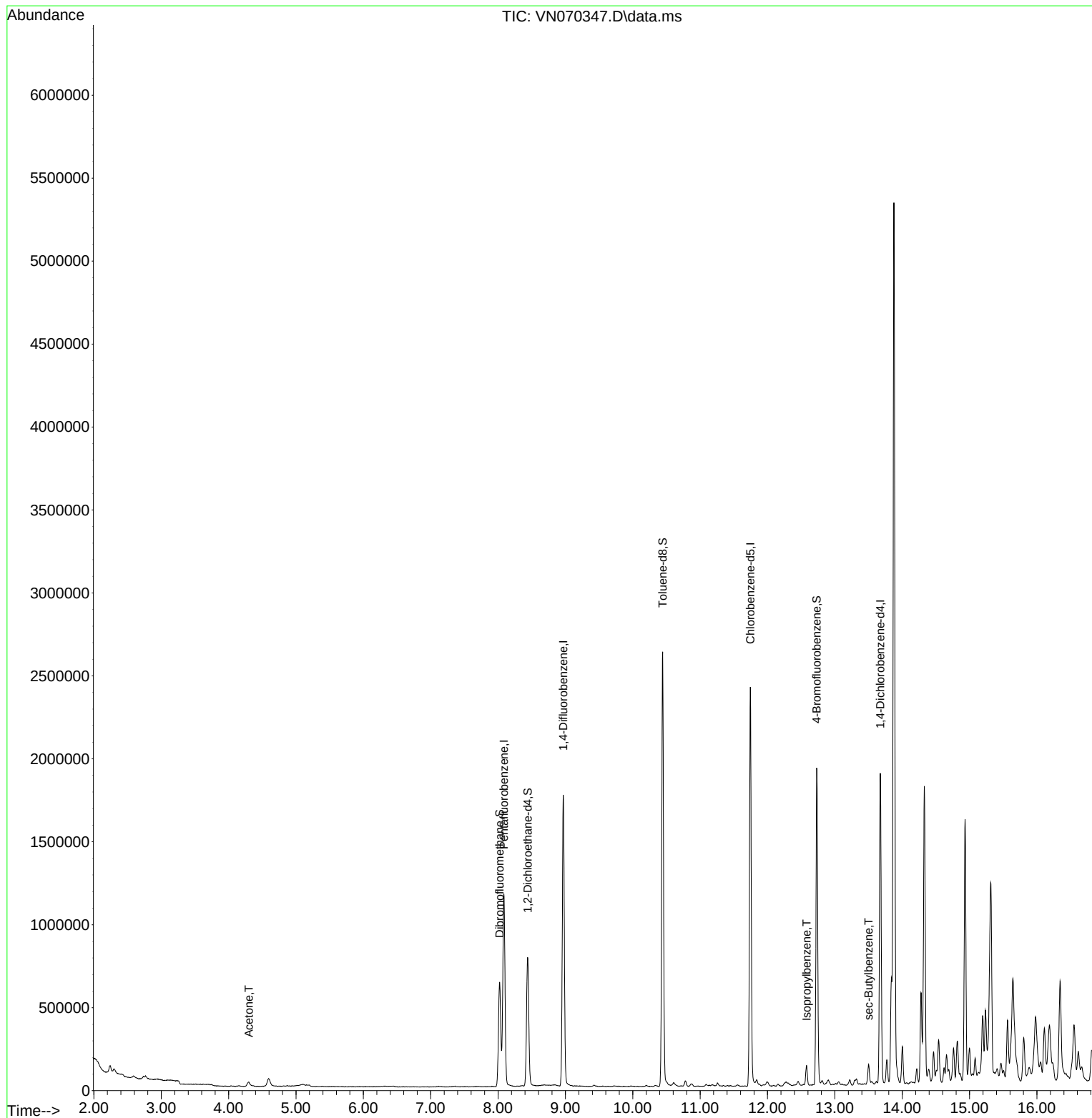
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070347.D
Acq On : 29 Dec 2021 14:33
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
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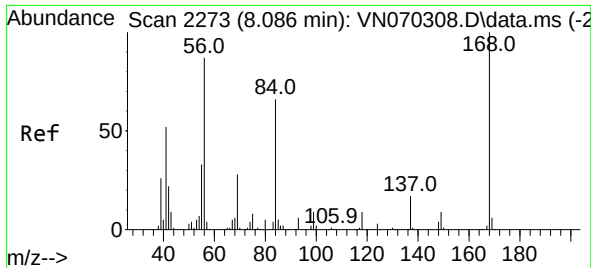
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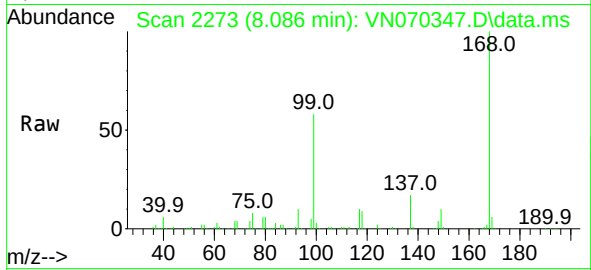
Quant Time: Dec 30 01:50:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33

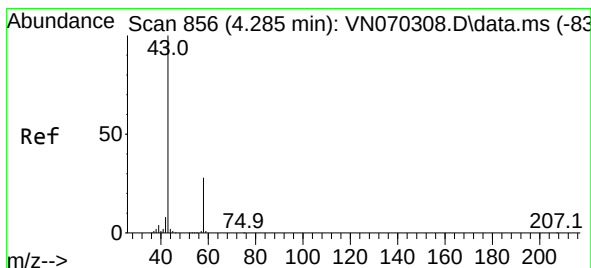
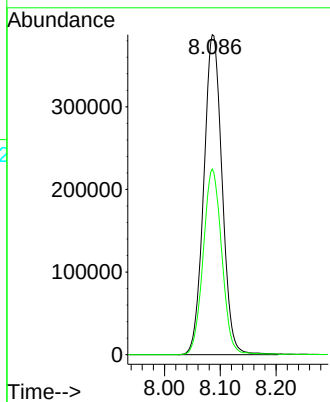
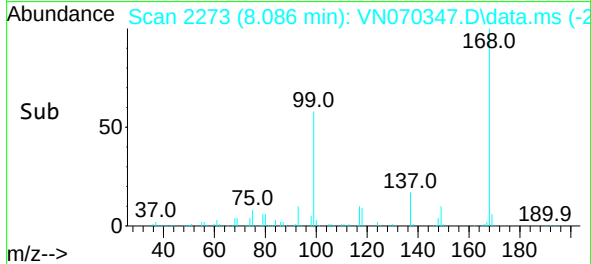
Instrument :
MSVOA_N
ClientSampleId :
MW-2R



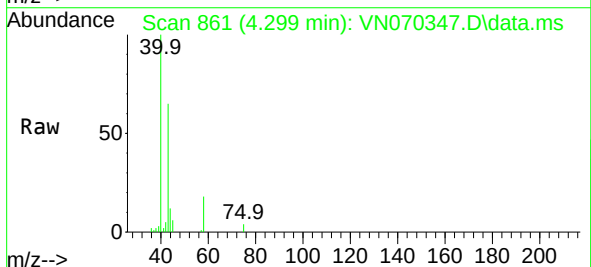
Tgt Ion:168 Resp: 88519
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9

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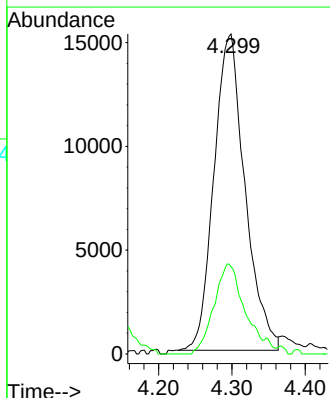
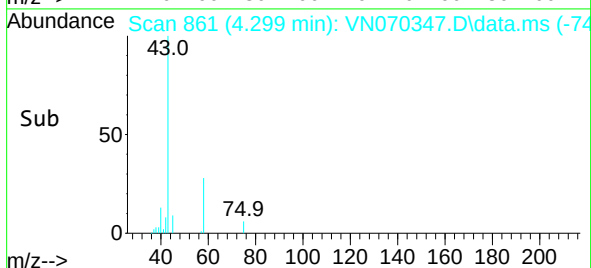
Reviewed By :Semsettin Yesilyurt 12/30/2021
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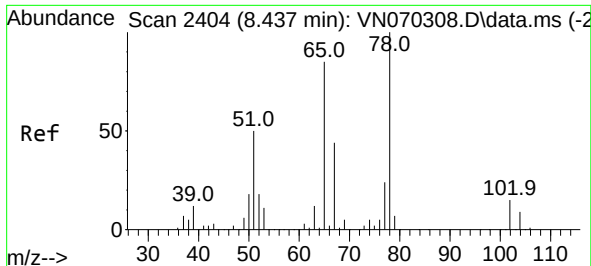


#16
Acetone
Concen: 5.432 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33



Tgt Ion: 43 Resp: 44879
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 52.214 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070347.D

Acq: 29 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

MW-2R

Tgt Ion: 65 Resp: 66455

Ion Ratio Lower Upper

65 100

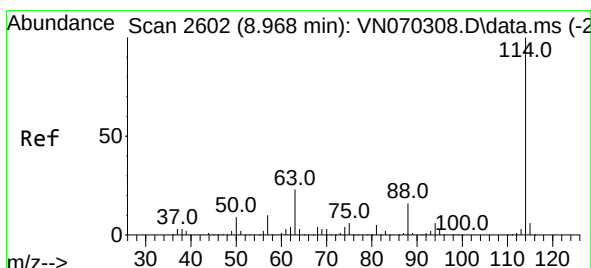
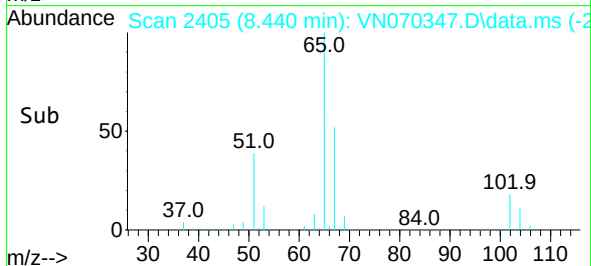
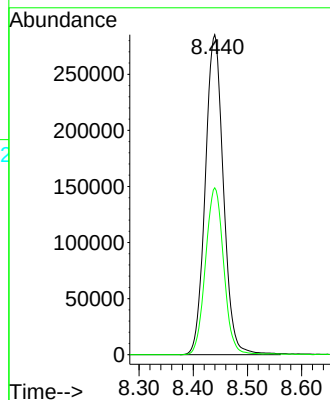
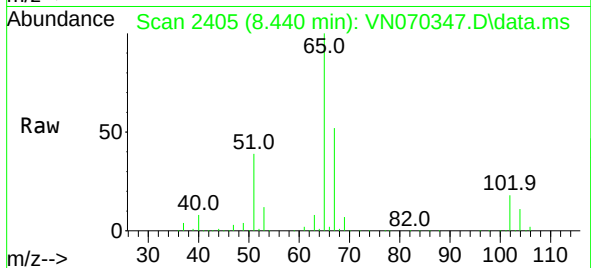
67 52.3 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070347.D

Acq: 29 Dec 2021 14:33

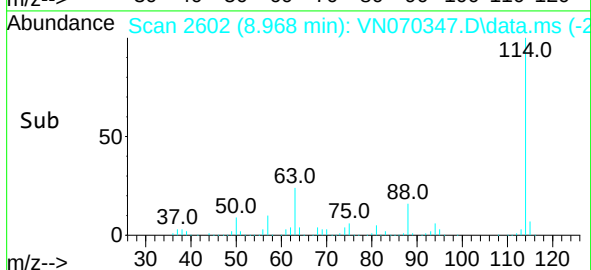
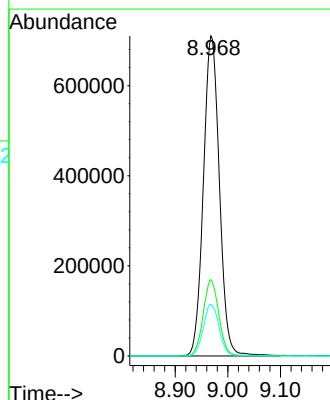
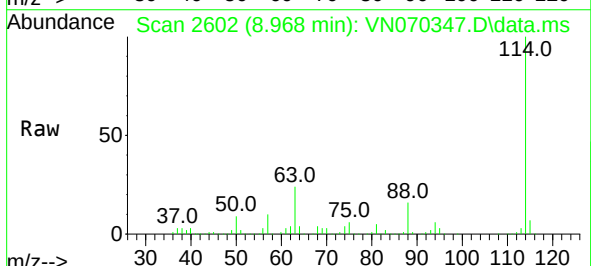
Tgt Ion:114 Resp: 1497094

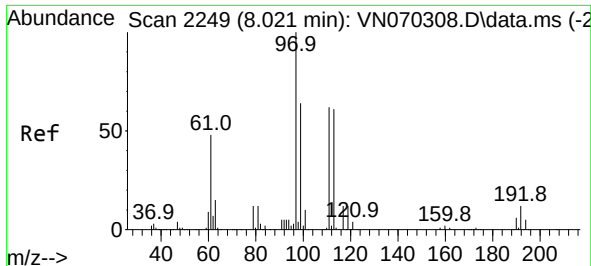
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

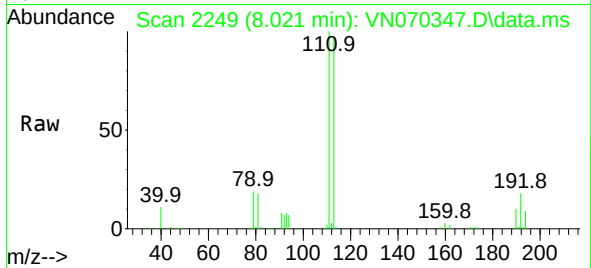
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.539 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33

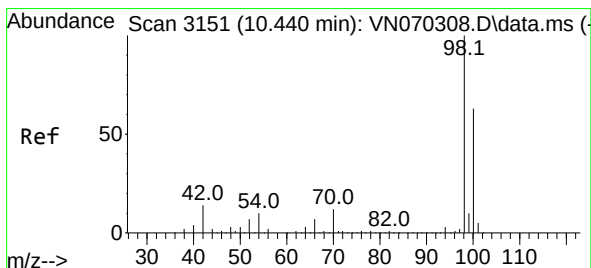
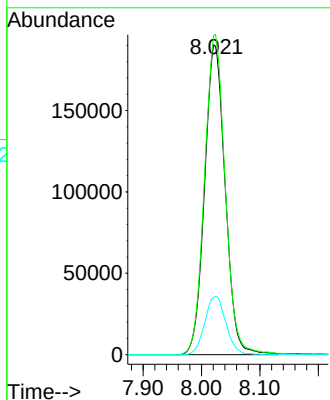
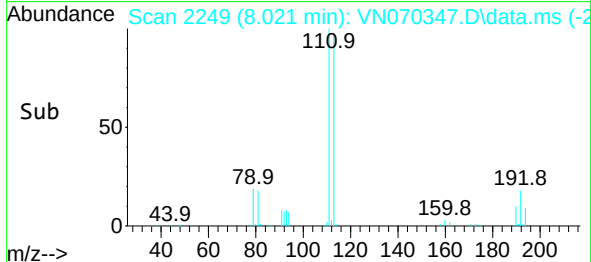
Instrument :
MSVOA_N
ClientSampleId :
MW-2R



Tgt Ion:113 Resp: 466852
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.4 16.9 25.3

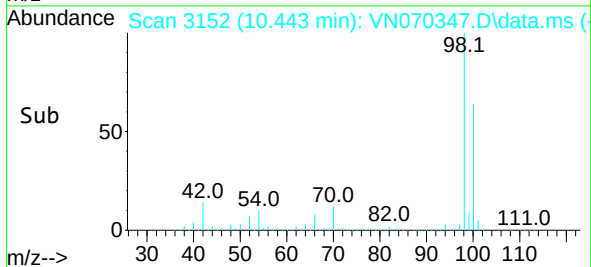
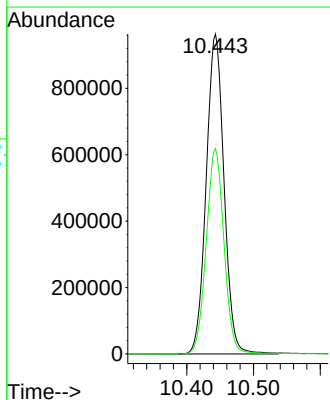
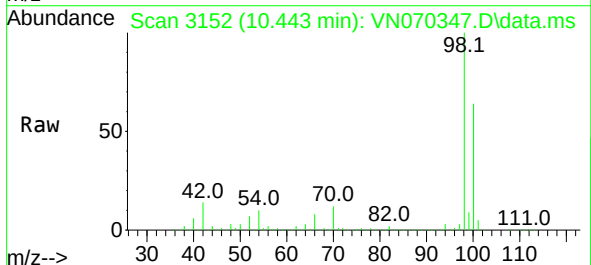
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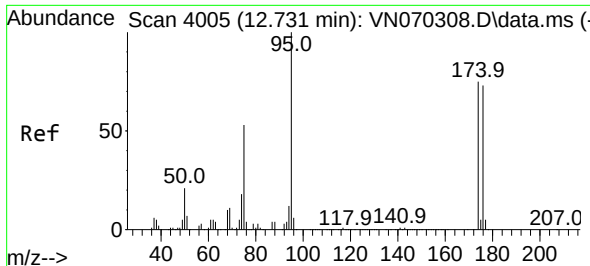
Reviewed By :Semsettin Yesilyurt 12/30/2021
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#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33

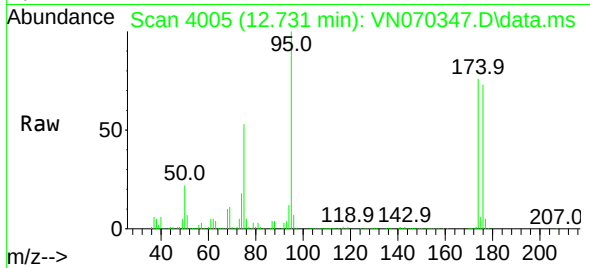
Tgt Ion: 98 Resp: 1786093
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 50.306 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33

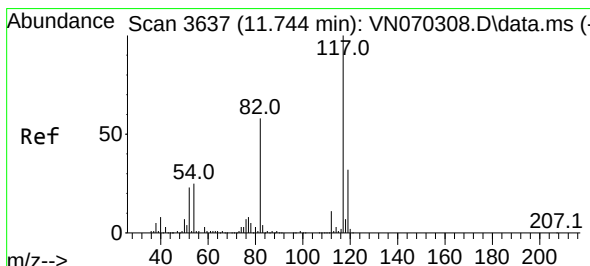
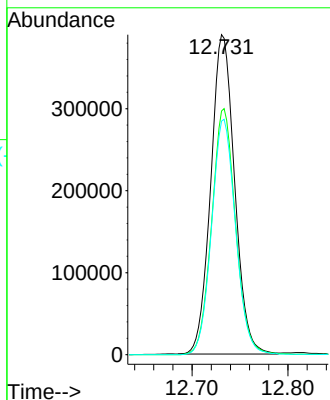
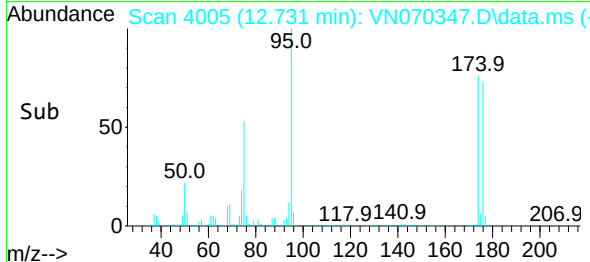
Instrument :
MSVOA_N
ClientSampleId :
MW-2R



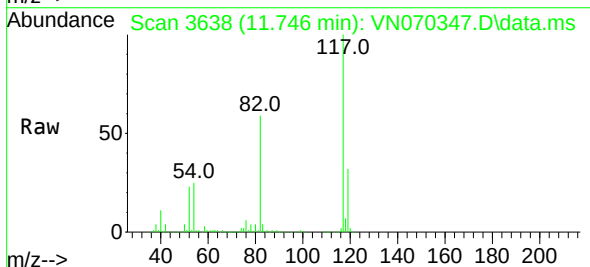
Tgt Ion: 95 Resp: 672330
Ion Ratio Lower Upper
95 100
174 77.3 0.0 187.2
176 74.2 0.0 181.4

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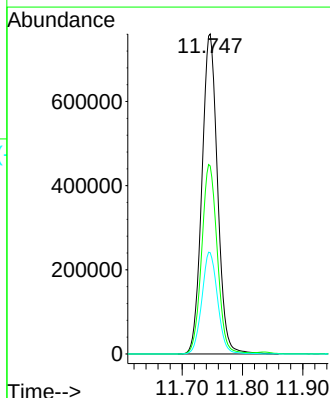
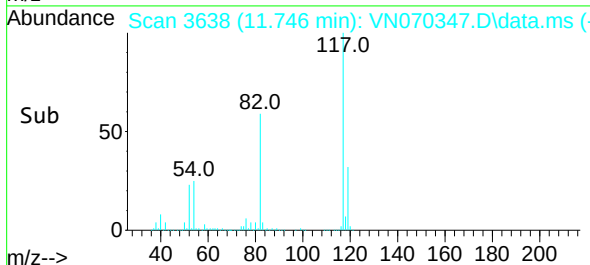
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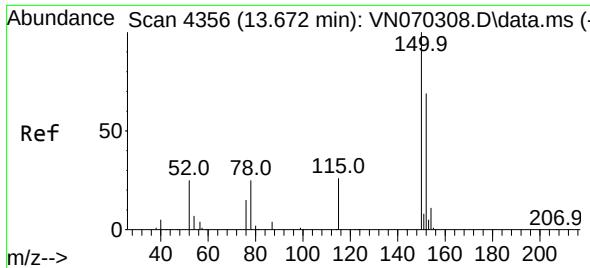


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33



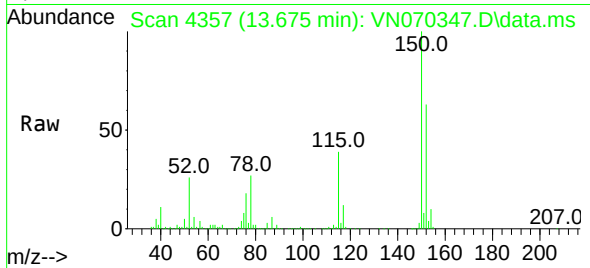
Tgt Ion:117 Resp: 1369878
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.7 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4356
Delta R.T. 0.003 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33

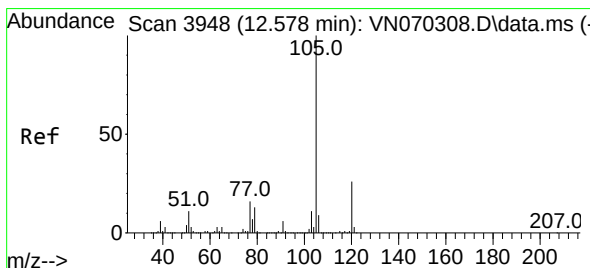
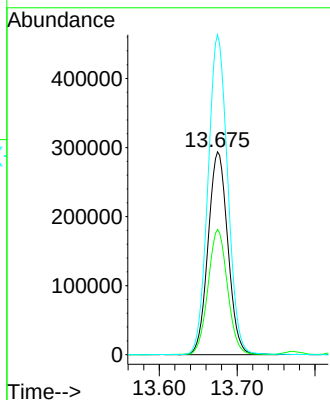
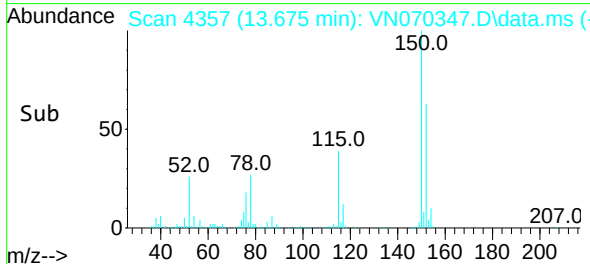
Instrument :
MSVOA_N
ClientSampleId :
MW-2R



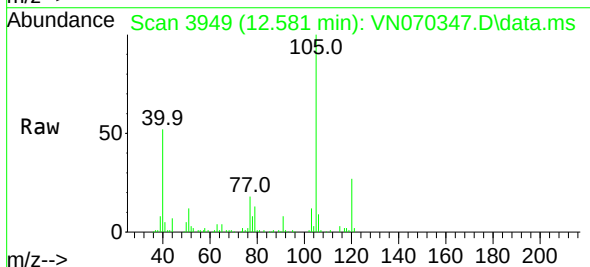
Tgt Ion:152 Resp: 517149
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 156.9 0.0 344.4

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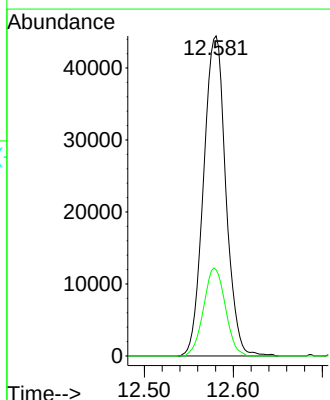
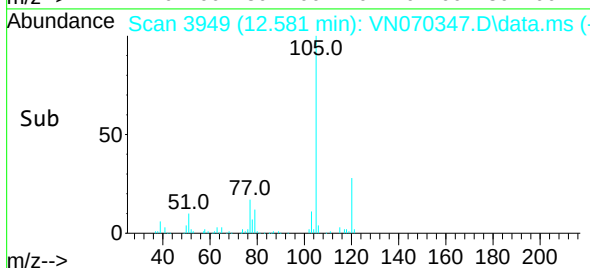
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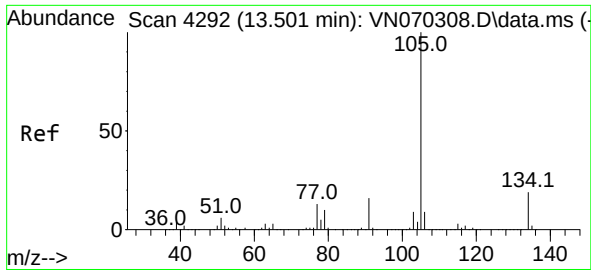


#73
Isopropylbenzene
Concen: 1.606 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070347.D
Acq: 29 Dec 2021 14:33



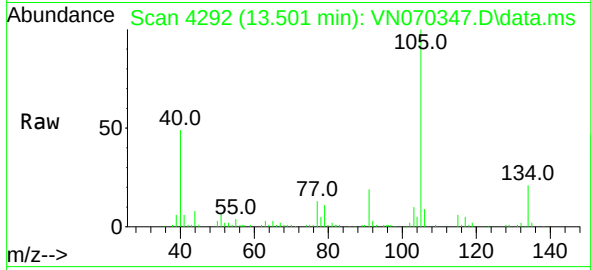
Tgt Ion:105 Resp: 77149
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1





#85
 sec-Butylbenzene
 Concen: 1.680 ug/l m
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070347.D
 Acq: 29 Dec 2021 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R



Tgt Ion:105 Resp: 77312
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

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