

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067401.D
 Acq On : 18 Jun 2021 15:37
 Operator : JC/MD
 Sample : PB137182ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB137182ZHE#03

Manual Integrations
 APPROVED

Quant Time: Jun 19 00:40:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	311231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	639303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	553928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	296592	48.307	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.620%
35) Dibromofluoromethane	8.024	113	194960	45.853	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.700%
50) Toluene-d8	10.446	98	828003	50.808	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.736	95	286826	42.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.300%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	29783	12.641	ug/l	94
18) Methyl Acetate	4.859	43	11282m	1.975	ug/l	
20) Methylene Chloride	5.090	84	20825m	4.248	ug/l	
43) Isopropyl Acetate	8.568	43	57918	4.250	ug/l #	93

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

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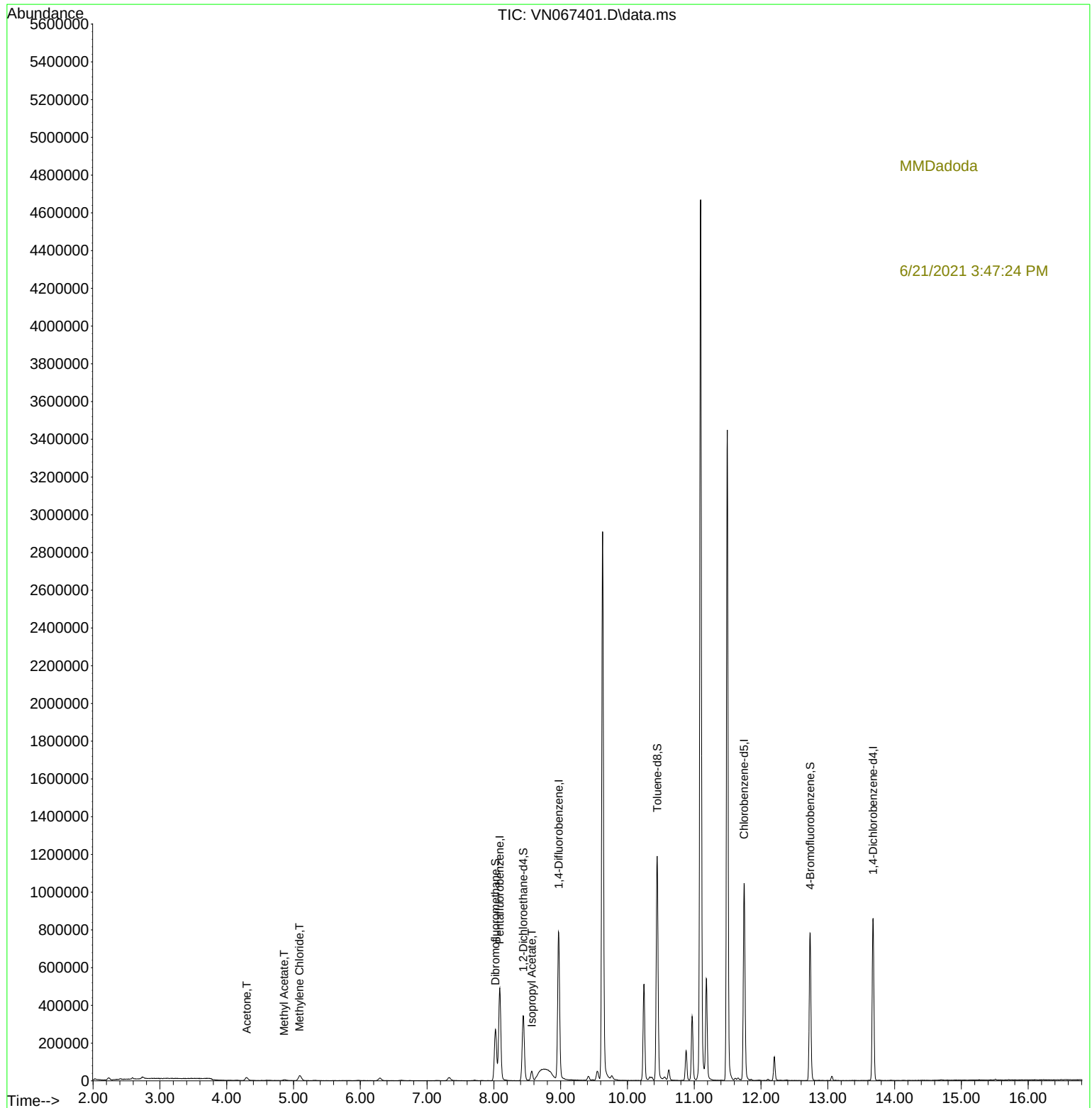
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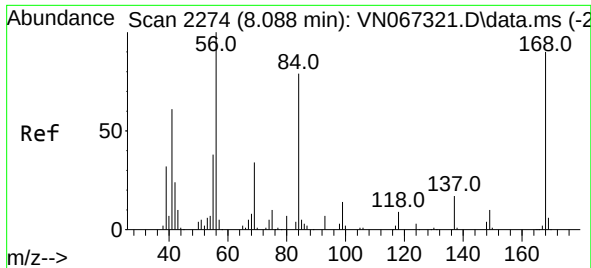
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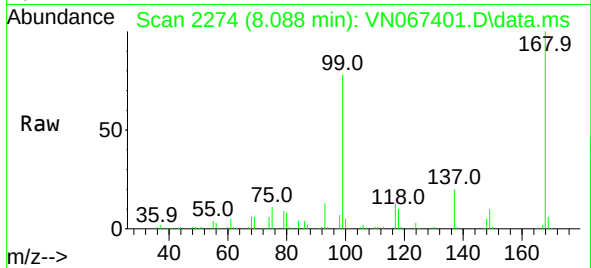
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
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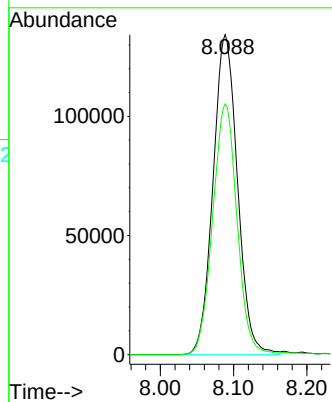
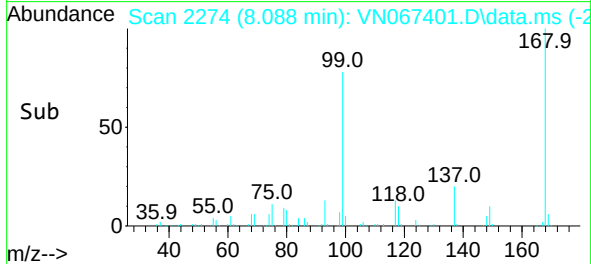




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37



Tgt Ion:168 Resp: 311231
Ion Ratio Lower Upper
168 100
99 78.3 62.9 94.3

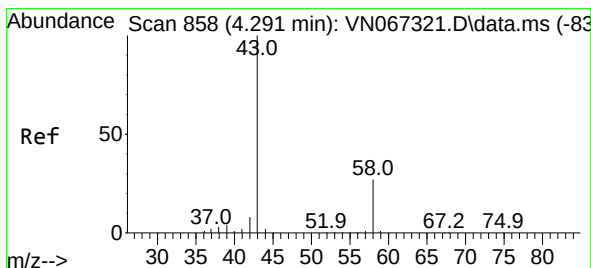


Instrument :
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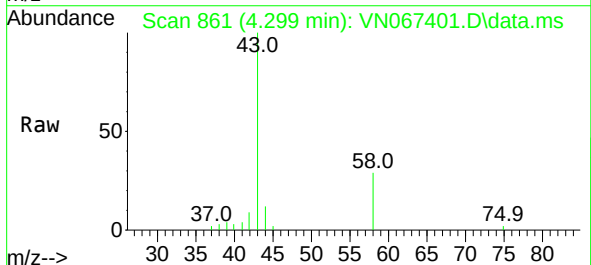
Manual Integrations
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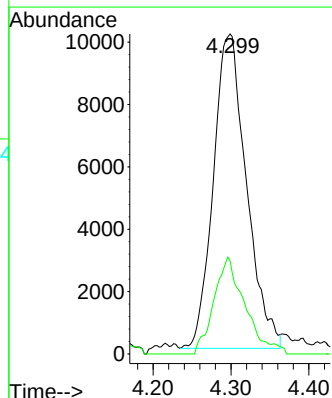
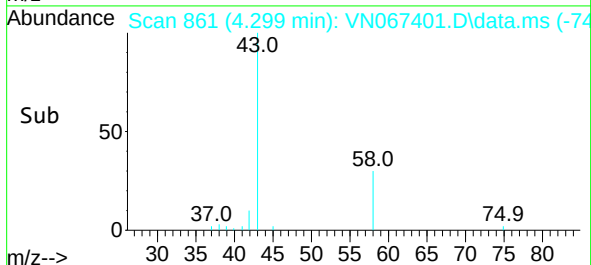
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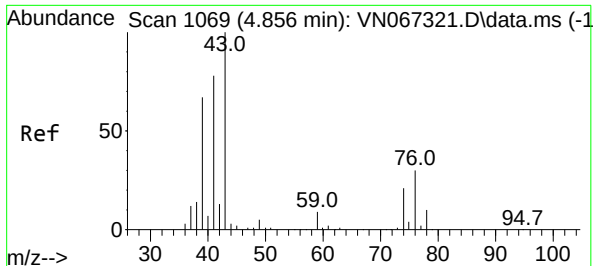


#16
Acetone
Concen: 12.641 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37



Tgt Ion: 43 Resp: 29783
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8





#18

Methyl Acetate

Concen: 1.975 ug/l m

RT: 4.859 min Scan# 1070

Delta R.T. 0.003 min

Lab File: VN067401.D

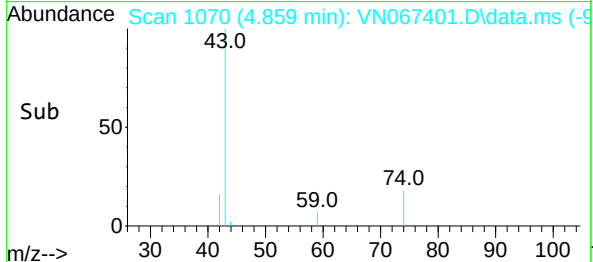
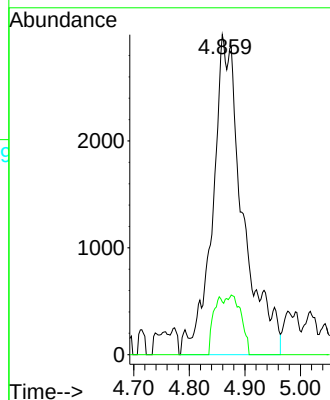
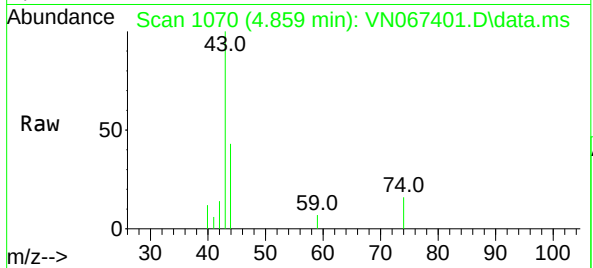
Acq: 18 Jun 2021 15:37

Tgt Ion: 43 Resp: 11282

Ion Ratio Lower Upper

43 100

74 6.2 17.4 26.0#



Instrument :

MSVOA_N

ClientSampleId :

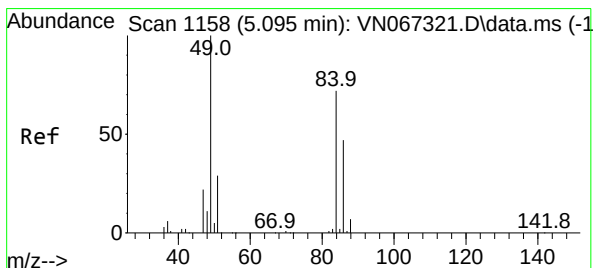
PB137182ZHE#03

Manual Integrations

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#20

Methylene Chloride

Concen: 4.248 ug/l m

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN067401.D

Acq: 18 Jun 2021 15:37

Tgt Ion: 84 Resp: 20825

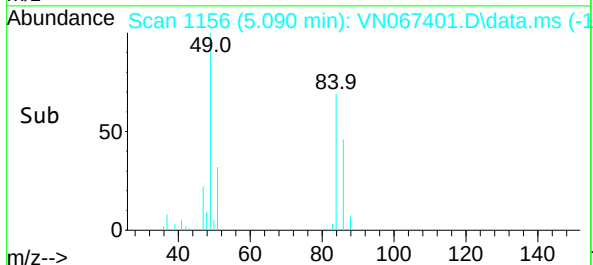
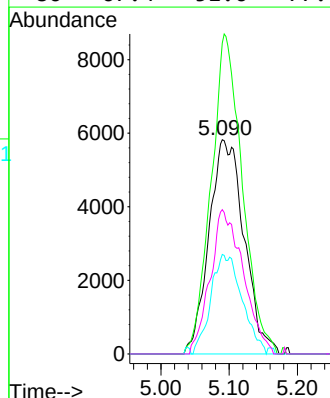
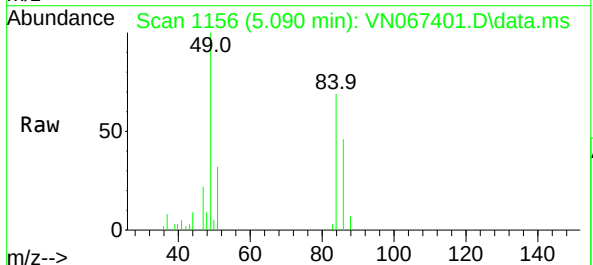
Ion Ratio Lower Upper

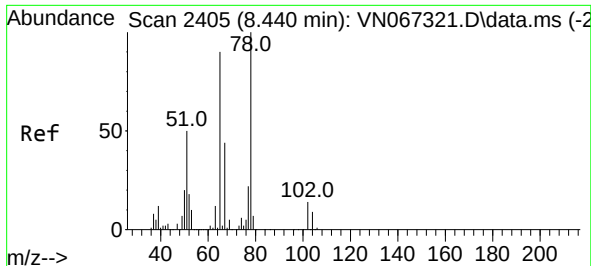
84 100

49 145.1 110.9 166.3

51 46.4 32.6 49.0

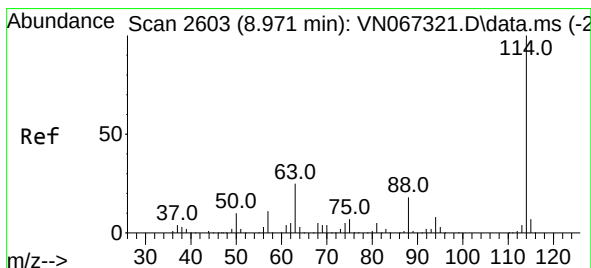
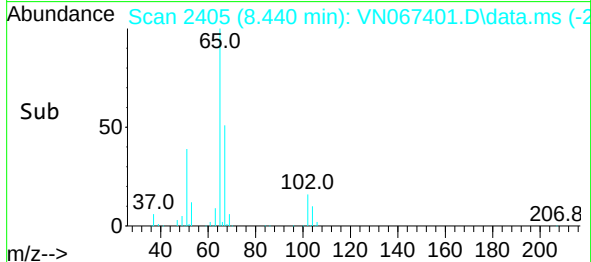
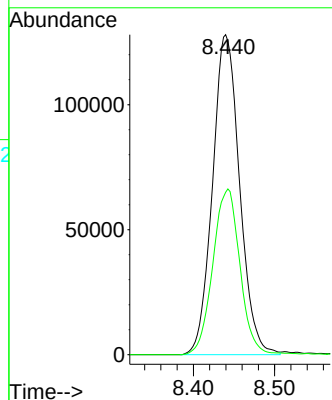
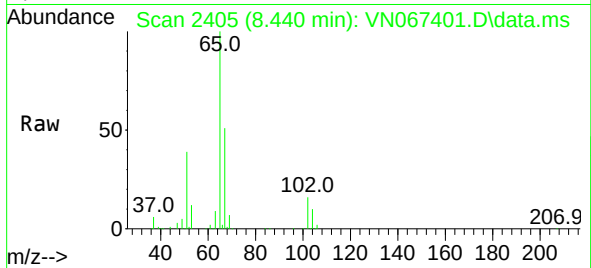
86 67.4 51.6 77.4





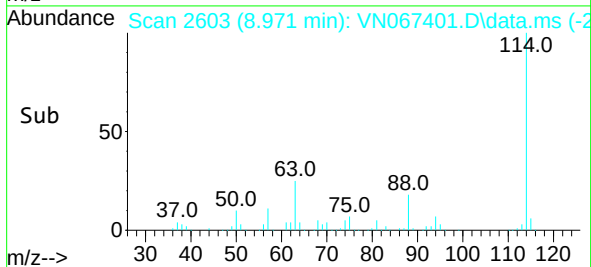
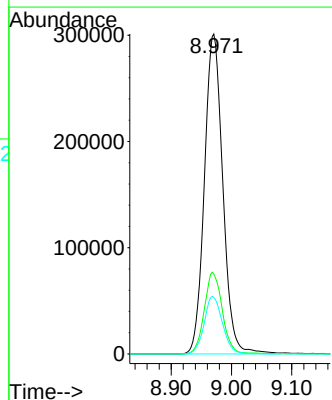
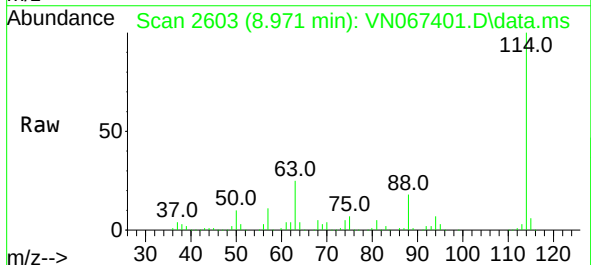
#33
1,2-Dichloroethane-d4
Concen: 48.307 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37

Tgt Ion: 65 Resp: 296592
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37

Tgt Ion: 114 Resp: 639303
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.0
88 17.7 0.0 36.6

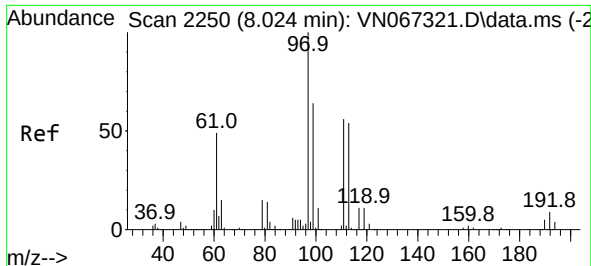


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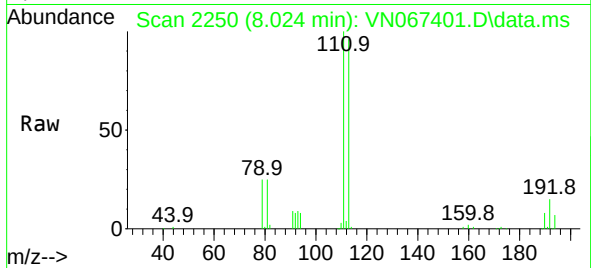
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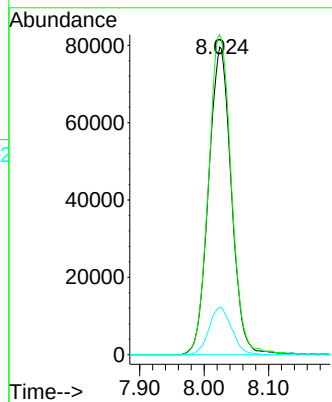
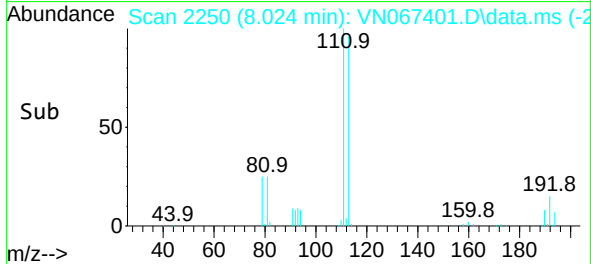
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#35
Dibromofluoromethane
Concen: 45.853 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37



Tgt Ion: 113 Resp: 194960
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.8
192 15.4 13.4 20.0

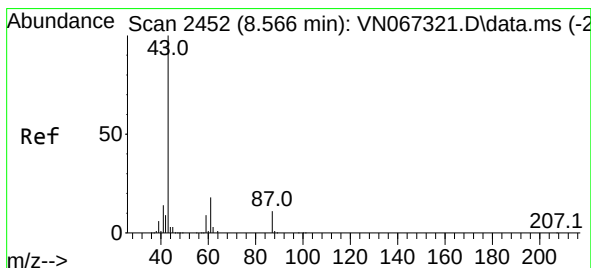


Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#03

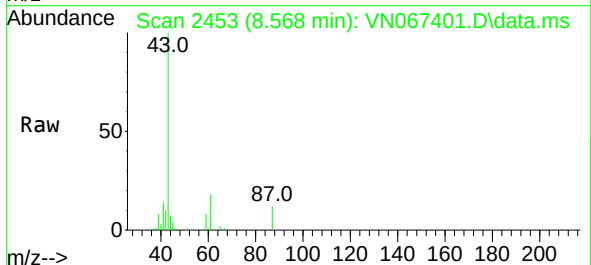
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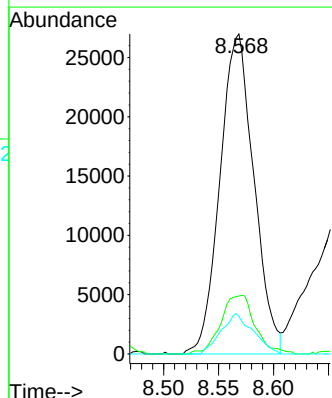
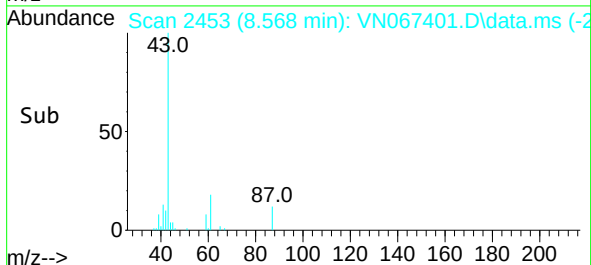
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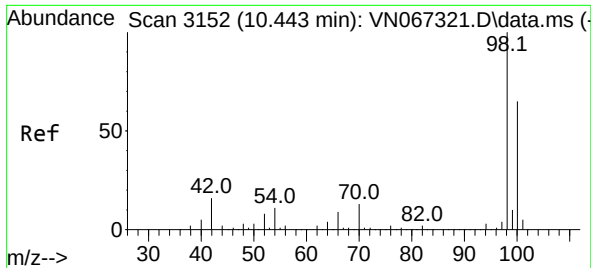


#43
Isopropyl Acetate
Concen: 4.250 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.002 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37



Tgt Ion: 43 Resp: 57918
Ion Ratio Lower Upper
43 100
61 18.5 19.0 28.4#
87 11.9 9.5 14.3



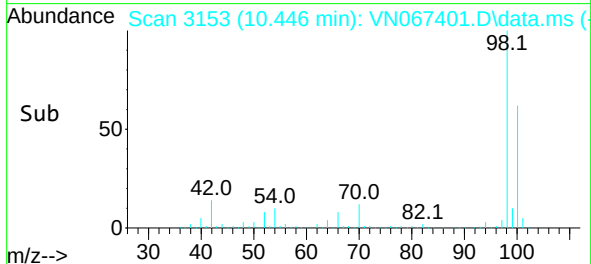
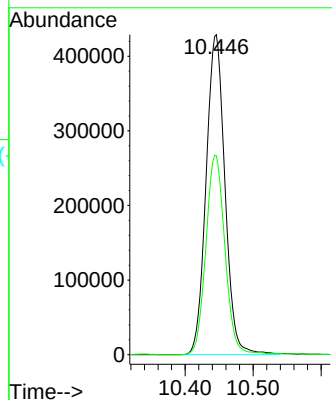
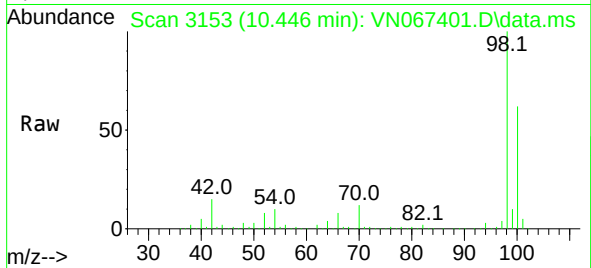


#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37

Tgt Ion: 98 Resp: 828003
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5

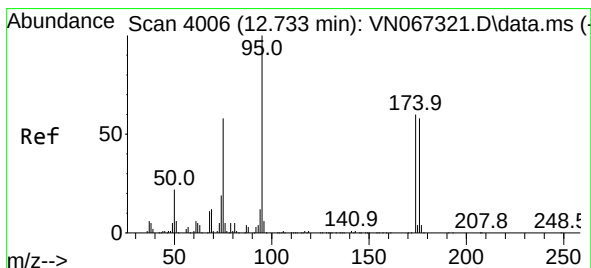
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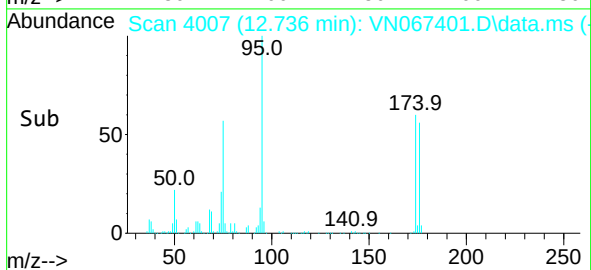
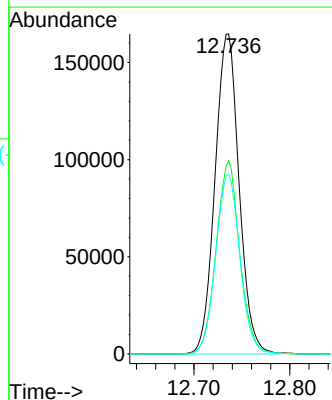
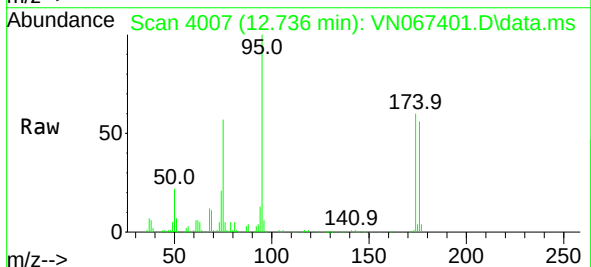
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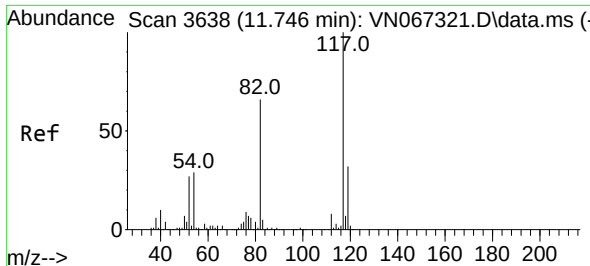
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#62
4-Bromofluorobenzene
Concen: 42.648 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37

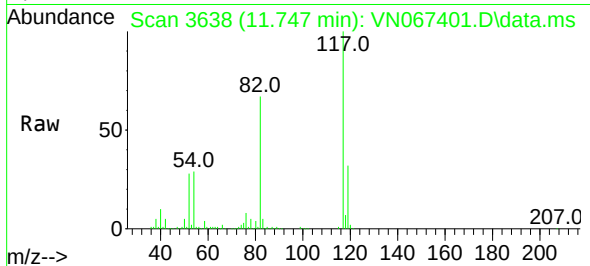
Tgt Ion: 95 Resp: 286826
Ion Ratio Lower Upper
95 100
174 59.3 0.0 122.0
176 56.4 0.0 117.6





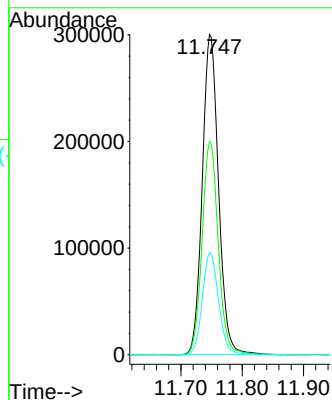
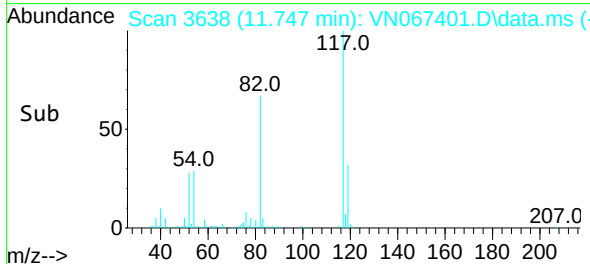
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37

Instrument :
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ClientSampleId :
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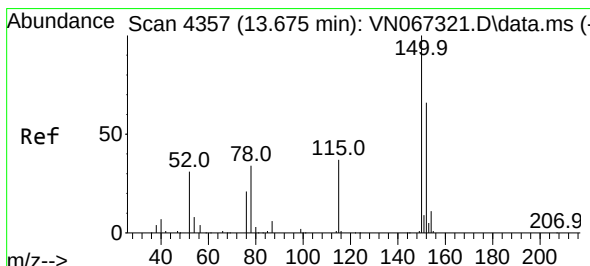
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.6	53.1	79.7
119	31.8	25.5	38.3

Manual Integrations
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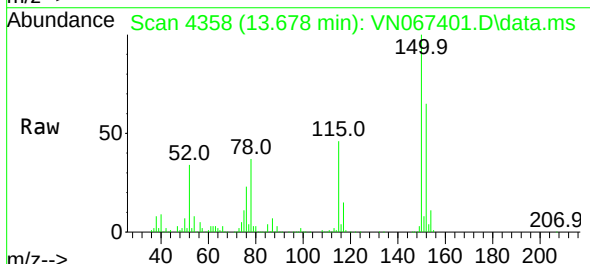


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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067401.D
Acq: 18 Jun 2021 15:37



Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.1	36.1	108.5
150	158.0	0.0	351.8

