

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069282.D
 Acq On : 29 Oct 2021 6:01
 Operator : JC/MD
 Sample : PB140292ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB140292ZHE#03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 29 07:57:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	303105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	547684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	547242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	207704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	206501	47.195	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.400%		
35) Dibromofluoromethane	8.024	113	157457	46.120	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.240%		
50) Toluene-d8	10.443	98	685973	50.253	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.734	95	251434	48.812	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.620%		
Target Compounds						
16) Acetone	4.293	43	12573m	6.744	ug/l	
18) Methyl Acetate	4.870	43	7333m	1.158	ug/l	
20) Methylene Chloride	5.098	84	12235	3.422	ug/l	93
43) Isopropyl Acetate	8.569	43	31650	3.801	ug/l #	89

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

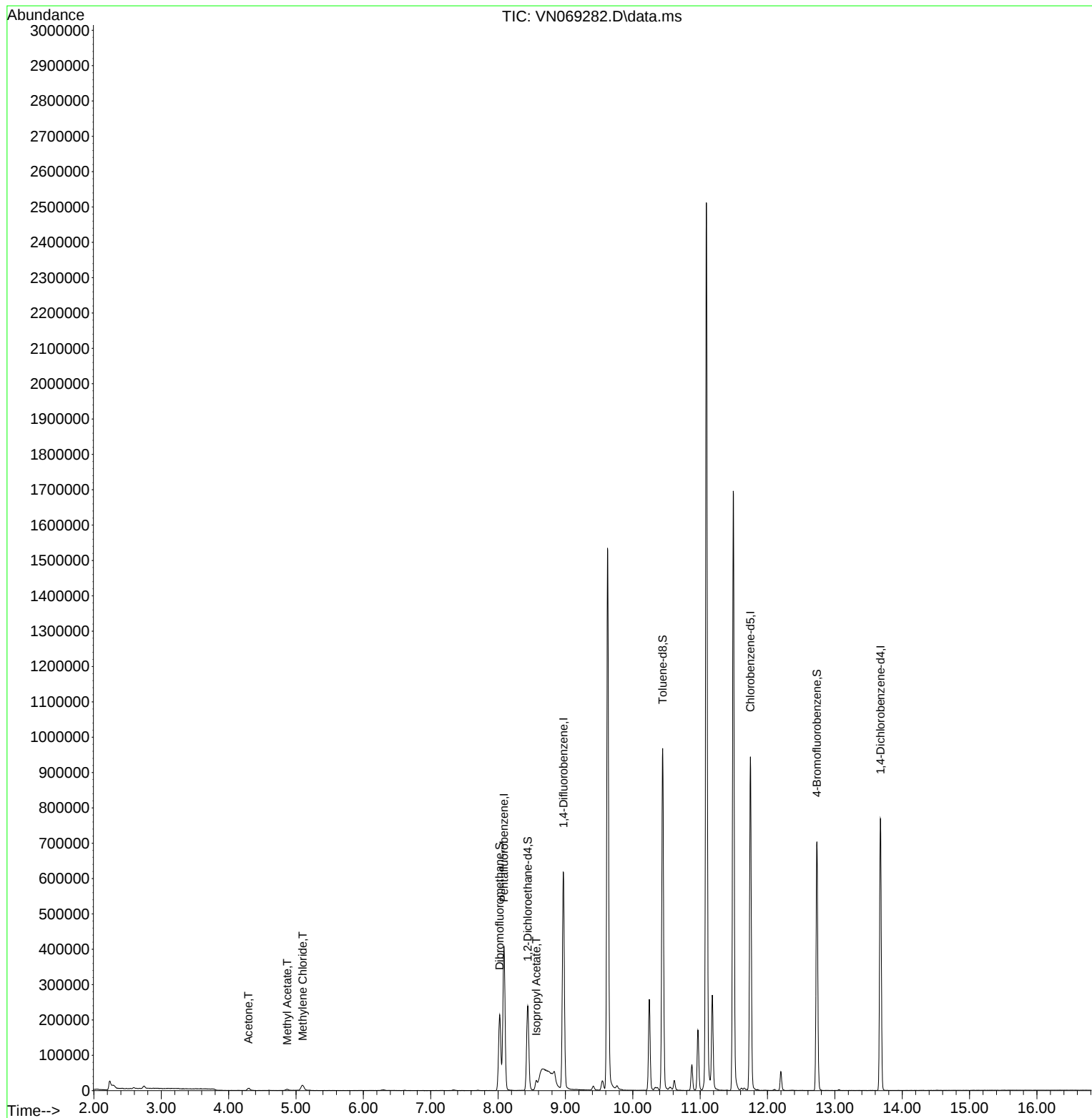
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
Data File : VN069282.D
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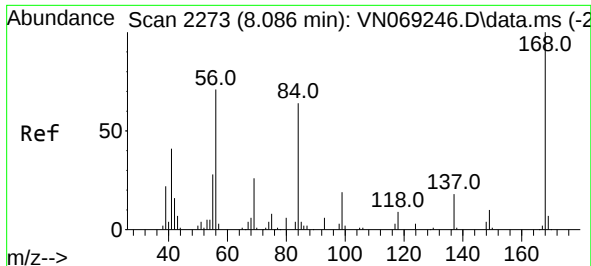
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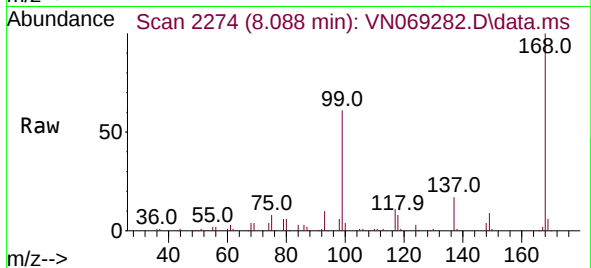
Quant Time: Oct 29 07:57:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

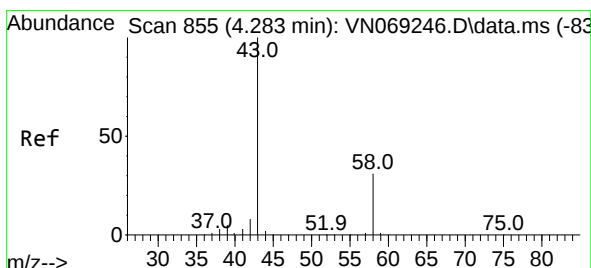
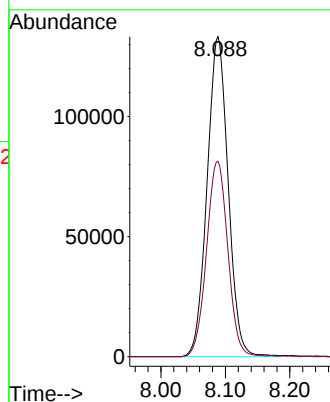
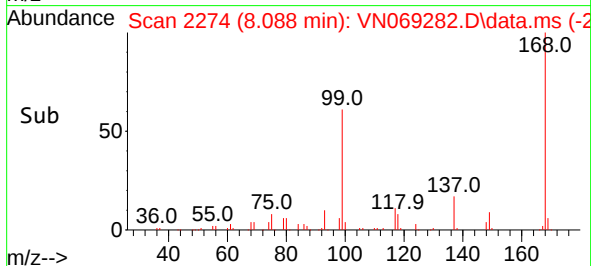
Instrument :
MSVOA_N
ClientSampleId :
PB140292ZHE#03



Tgt Ion:168 Resp: 30310
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3

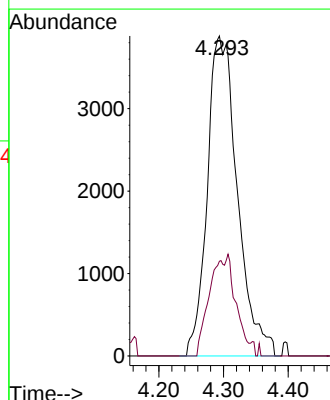
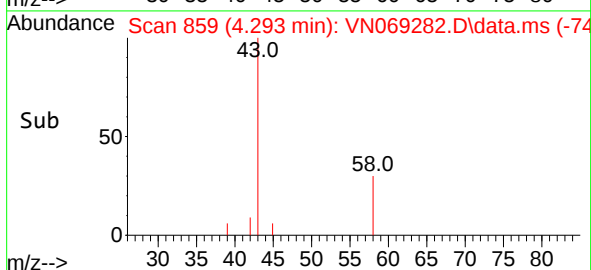
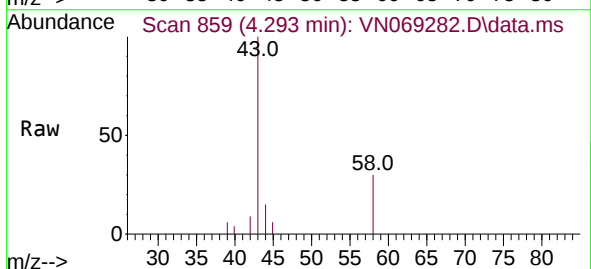
Manual Integrations
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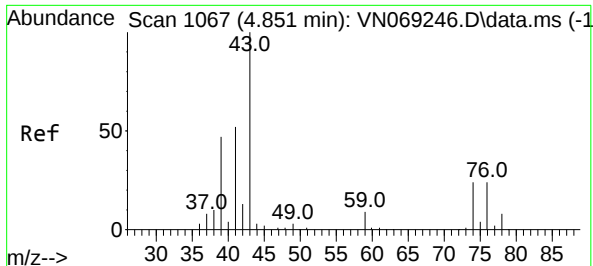
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#16
Acetone
Concen: 6.744 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.010 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

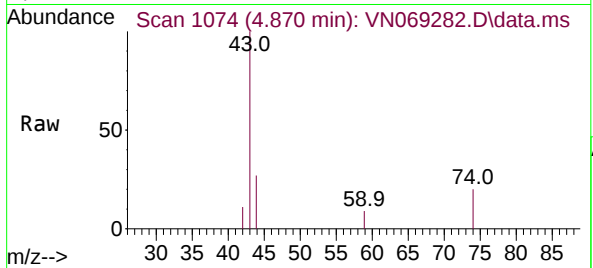
Tgt Ion: 43 Resp: 12573
Ion Ratio Lower Upper
43 100
58 29.6 24.5 36.7





#18
Methyl Acetate
Concen: 1.158 ug/l m
RT: 4.870 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

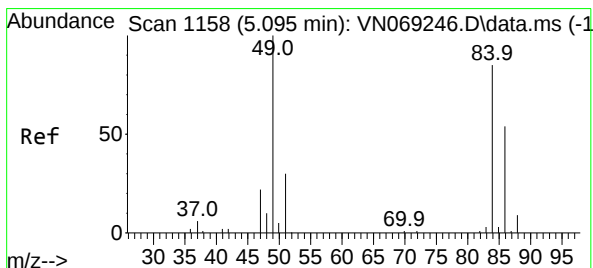
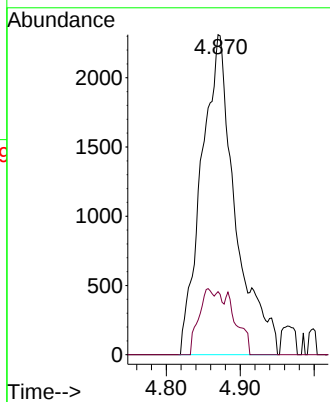
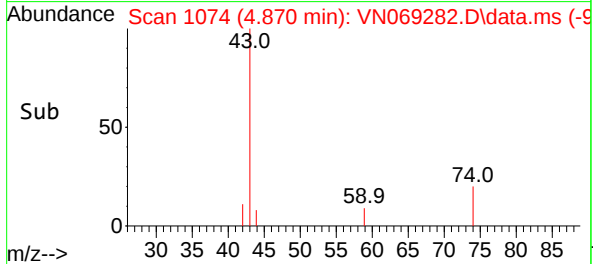
Instrument :
MSVOA_N
ClientSampleId :
PB140292ZHE#03



Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3

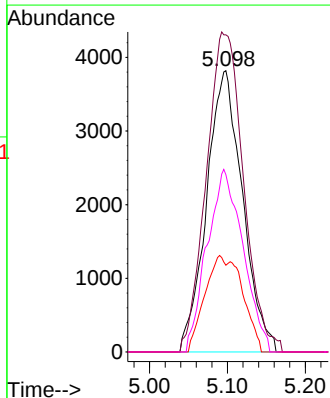
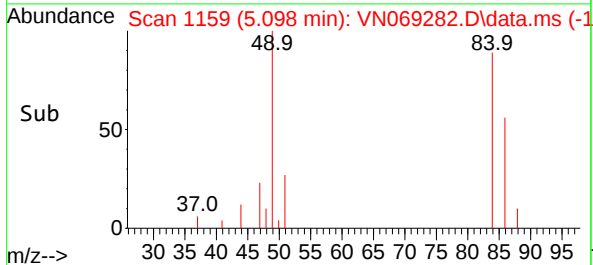
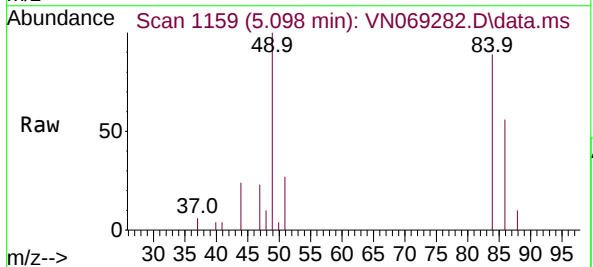
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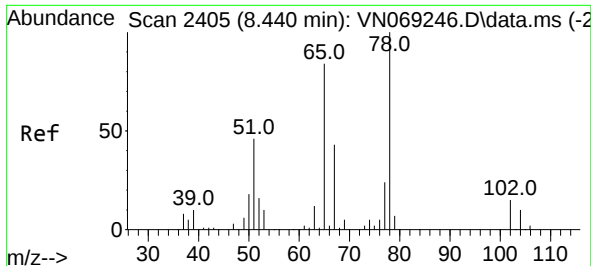
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#20
Methylene Chloride
Concen: 3.422 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

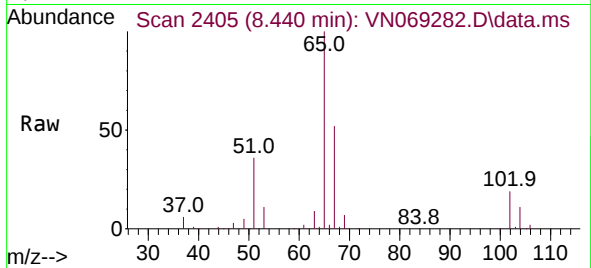
Tgt Ion: 84 Resp: 12235
Ion Ratio Lower Upper
84 100
49 112.7 97.6 146.4
51 30.8 30.3 45.5
86 63.1 51.8 77.6





#33
 1,2-Dichloroethane-d4
 Concen: 47.195 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069282.D
 Acq: 29 Oct 2021 6:01

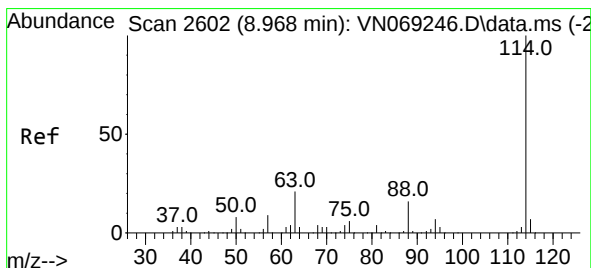
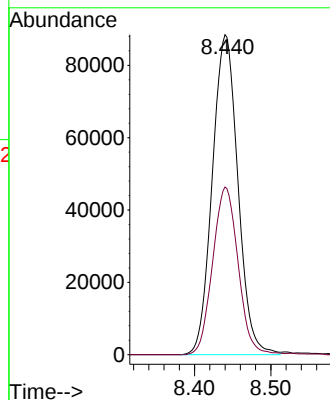
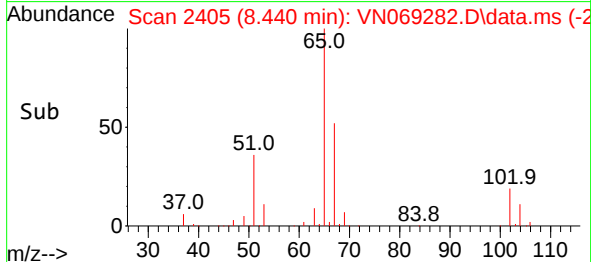
Instrument :
 MSVOA_N
 ClientSampleId :
 PB140292ZHE#03



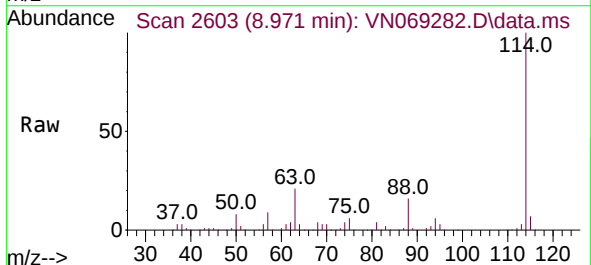
Tgt Ion: 65 Resp: 20650
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8

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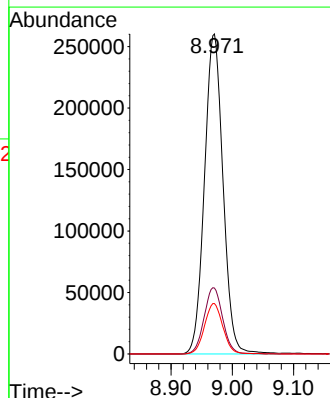
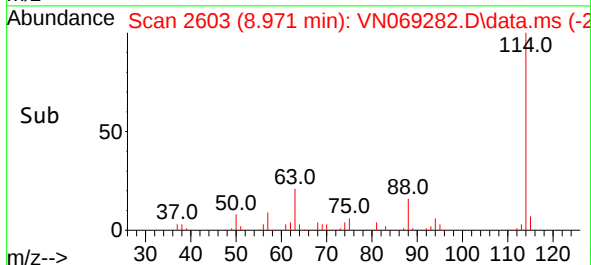
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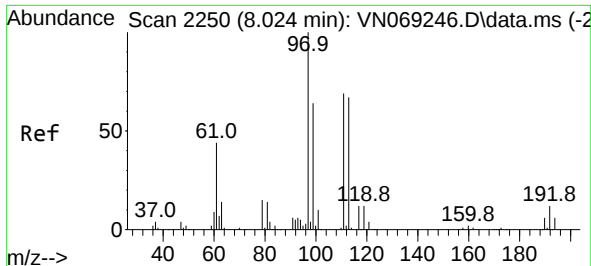


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069282.D
 Acq: 29 Oct 2021 6:01



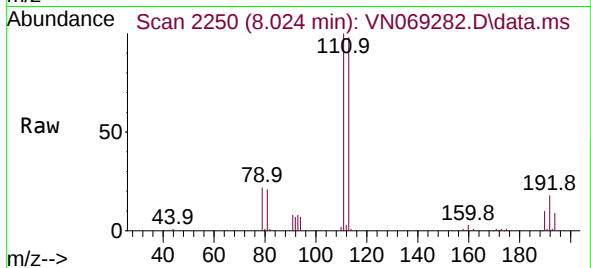
Tgt Ion:114 Resp: 547684
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.8 0.0 32.0





#35
Dibromofluoromethane
Concen: 46.120 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

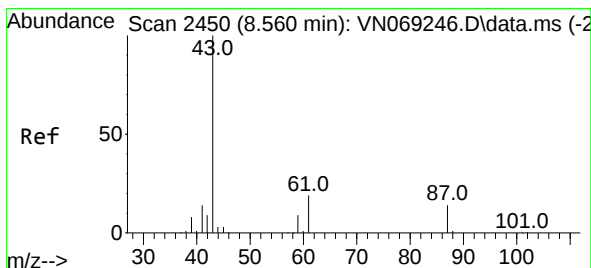
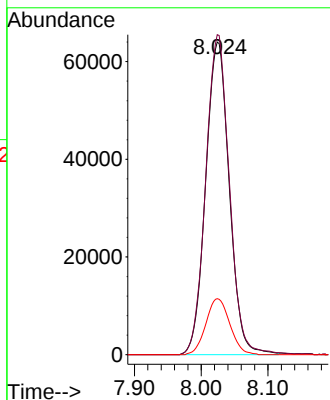
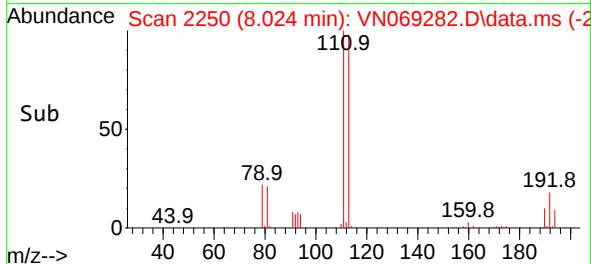
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ClientSampleId :
PB140292ZHE#03



Tgt Ion: 113 Resp: 15745
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 18.2 15.0 22.4

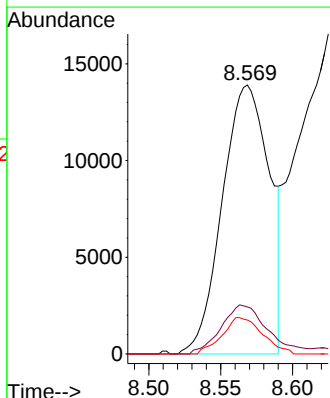
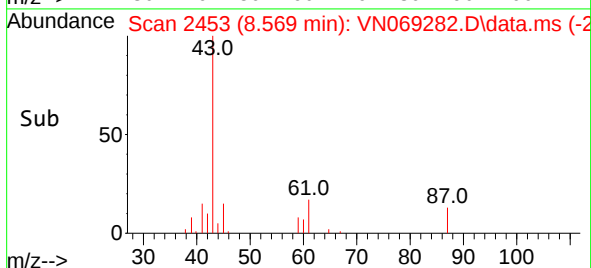
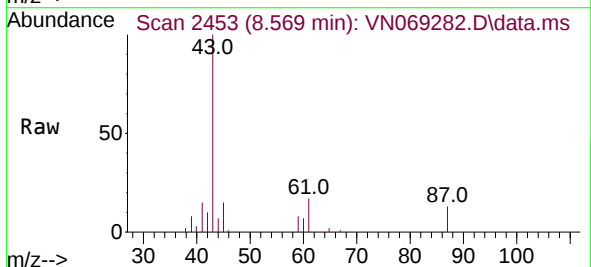
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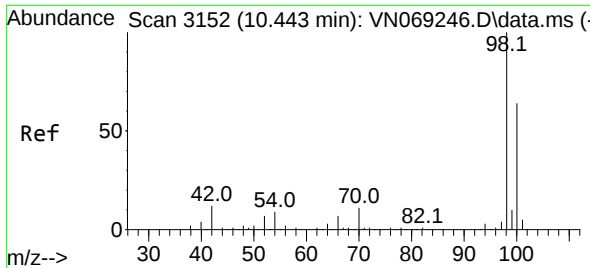
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#43
Isopropyl Acetate
Concen: 3.801 ug/l
RT: 8.569 min Scan# 2453
Delta R.T. 0.008 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

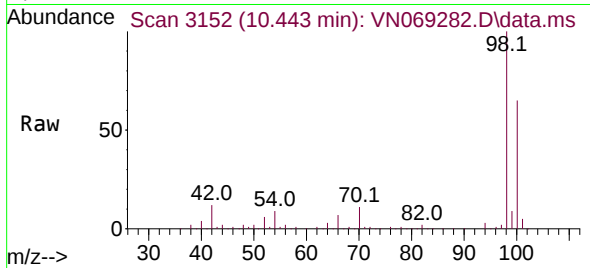
Tgt Ion: 43 Resp: 31650
Ion Ratio Lower Upper
43 100
61 18.0 20.4 30.6#
87 11.6 10.7 16.1





#50
Toluene-d8
Concen: 50.253 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

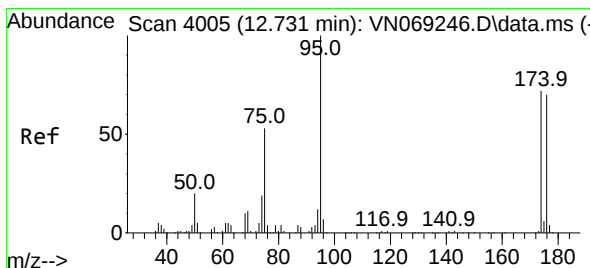
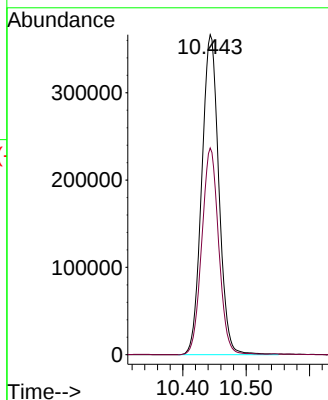
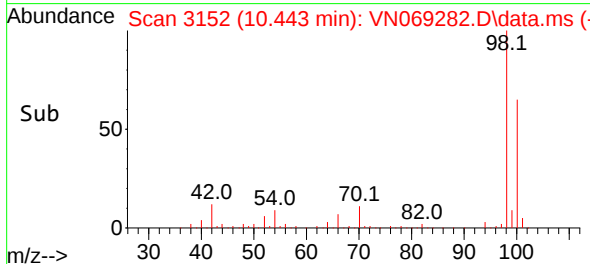
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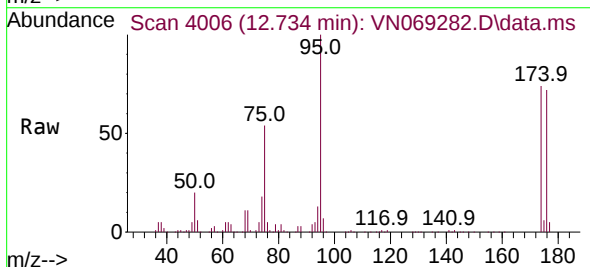
Tgt Ion: 98 Resp: 68597
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

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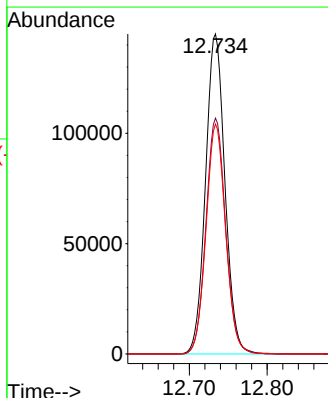
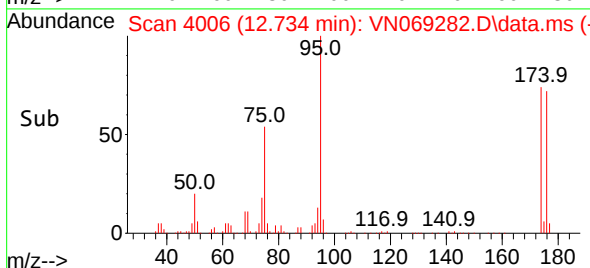
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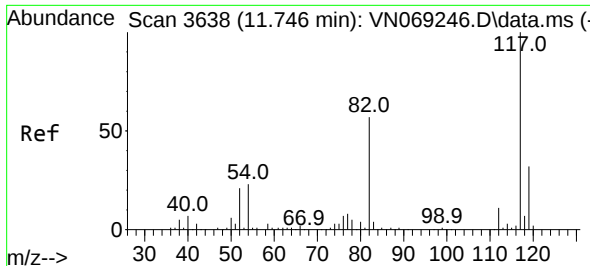


#62
4-Bromofluorobenzene
Concen: 48.812 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01



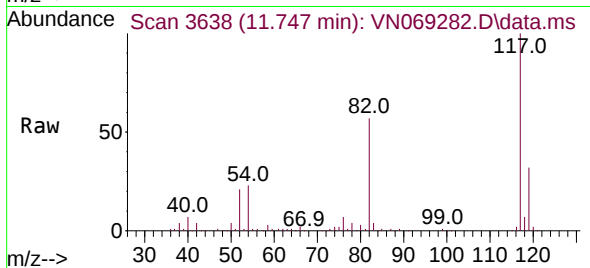
Tgt Ion: 95 Resp: 251434
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.8
176 72.4 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01

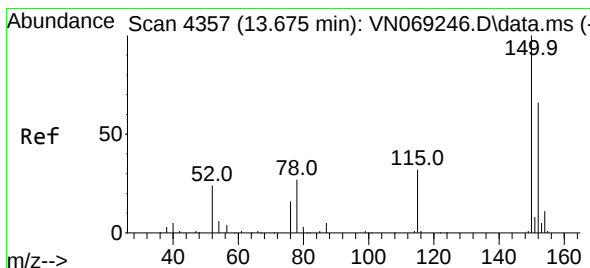
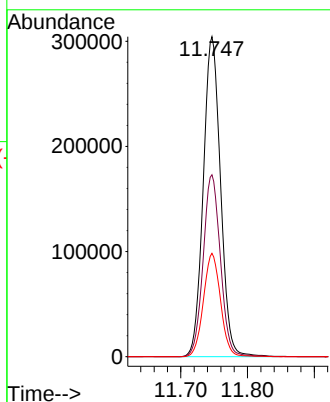
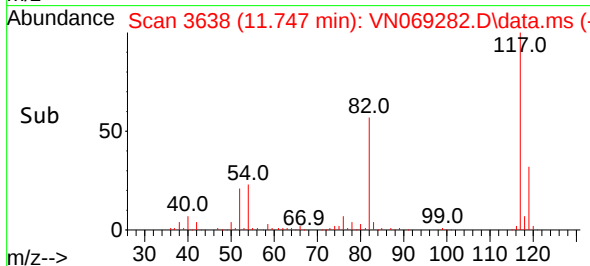
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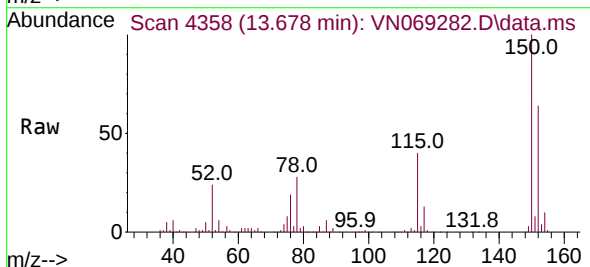
Tgt Ion:117 Resp: 54724
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.3 26.0 39.0

Manual Integrations
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Supervised By :Mahesh Dadoda 11/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069282.D
Acq: 29 Oct 2021 6:01



Tgt Ion:152 Resp: 207704
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.3
150 158.7 0.0 351.0

