

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069273.D
 Acq On : 29 Oct 2021 2:10
 Operator : JC/MD
 Sample : M4338-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-10192021

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 07:56:22 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	301756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	532677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	519009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	192611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	202921	46.585	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.160%		
35) Dibromofluoromethane	8.024	113	154616	46.564	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.120%		
50) Toluene-d8	10.443	98	661664	49.837	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.680%		
62) 4-Bromofluorobenzene	12.733	95	242078	48.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.390	59	15872	31.146	ug/l #	83
16) Acetone	4.293	43	341068	183.774	ug/l	100
25) 2-Butanone	7.348	43	9465m	4.940	ug/l	
40) Benzene	8.461	78	4763	0.345	ug/l	91
52) Toluene	10.507	92	47422	5.235	ug/l	99
67) Ethyl Benzene	11.846	91	6420	0.345	ug/l	95
68) m/p-Xylenes	11.953	106	12336	1.780	ug/l	95
69) o-Xylene	12.280	106	6434	0.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	7110	0.541	ug/l	97

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

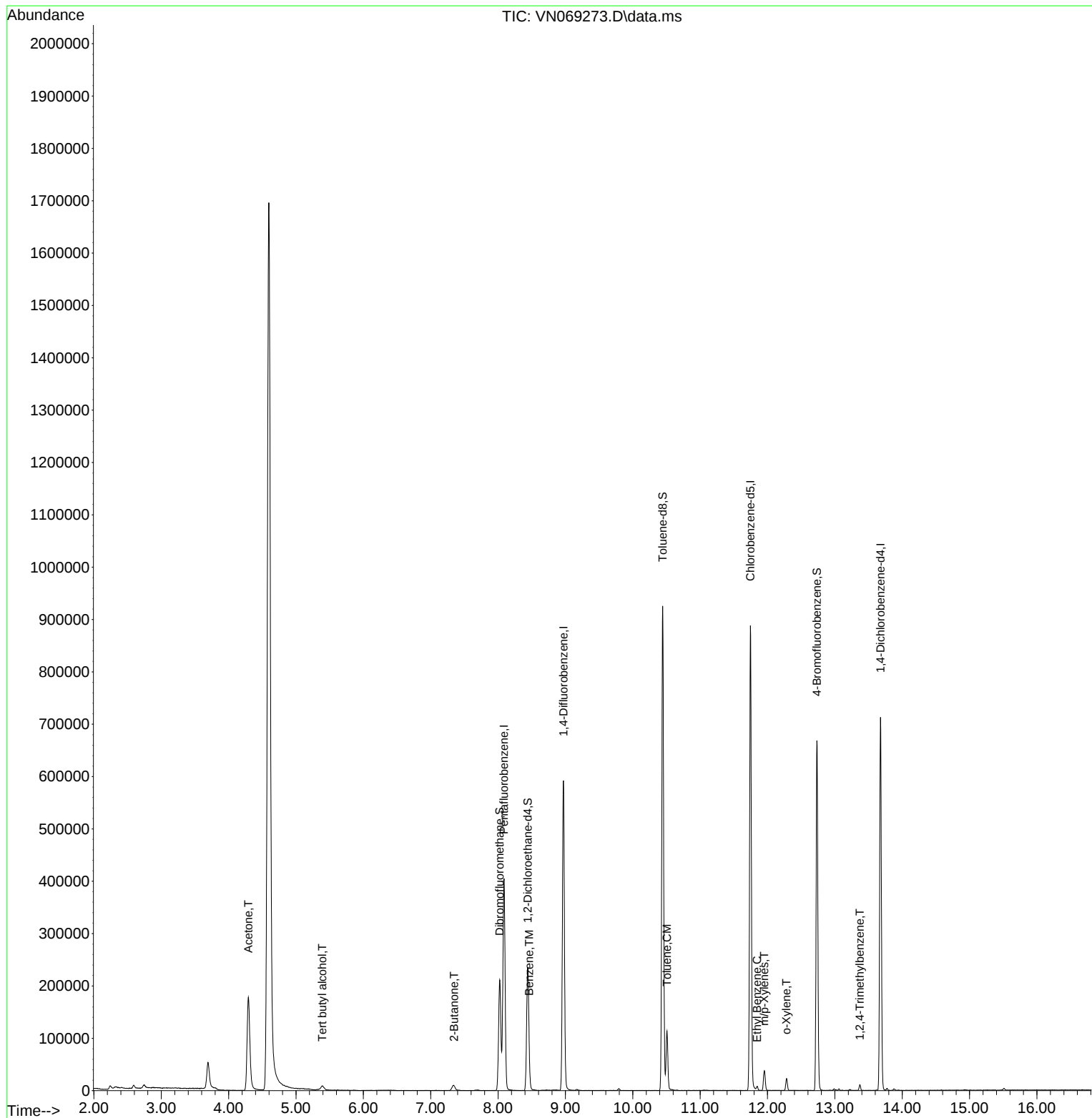
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
Data File : VN069273.D
Acq On : 29 Oct 2021 2:10
Operator : JC/MD
Sample : M4338-22
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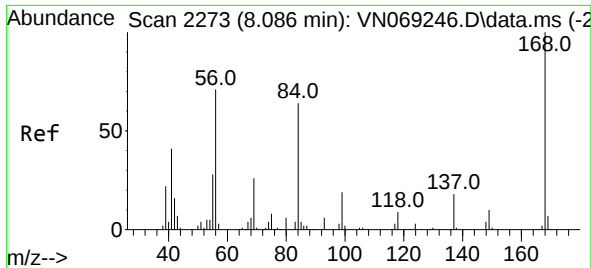
Instrument :
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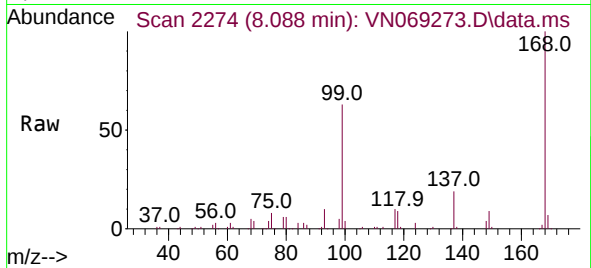
Quant Time: Oct 29 07:56:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

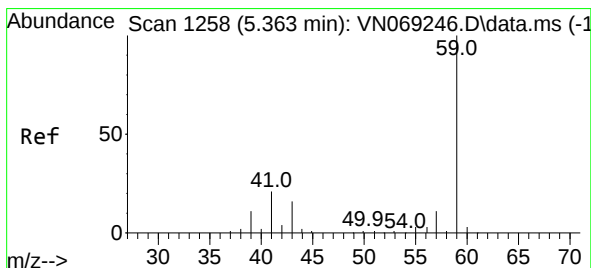
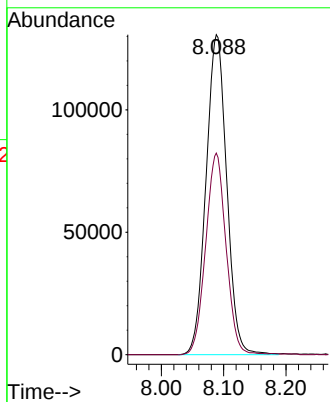
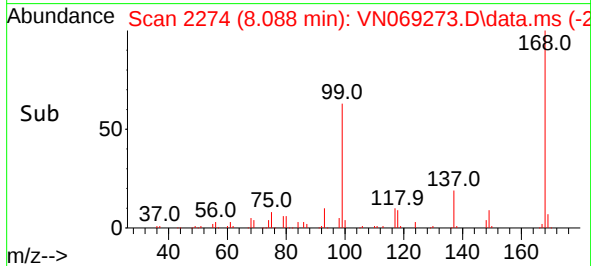
Instrument :
MSVOA_N
ClientSampleId :
RB-10192021



Tgt Ion:168 Resp: 301750
Ion Ratio Lower Upper
168 100
99 63.0 48.9 73.3

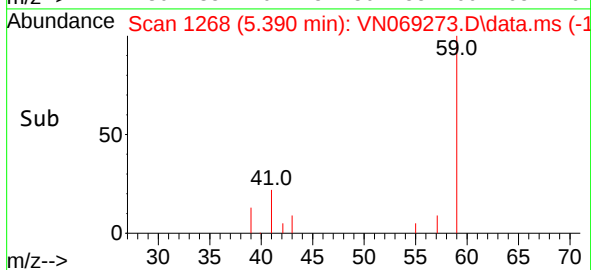
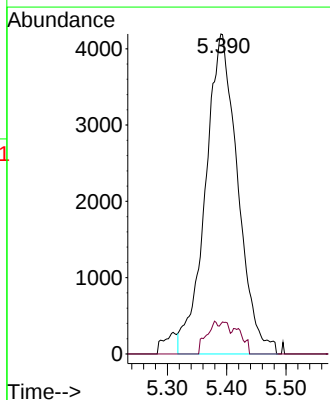
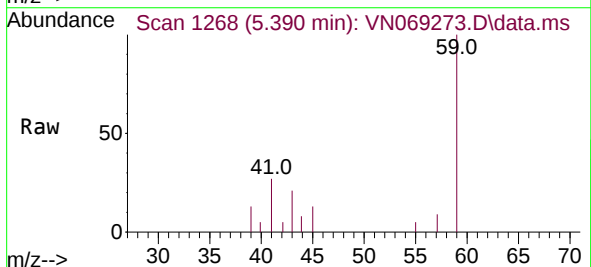
Manual Integrations
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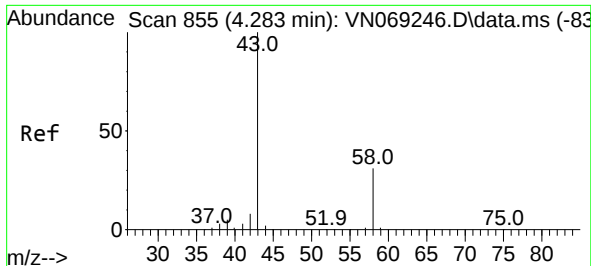
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#11
Tert butyl alcohol
Concen: 31.146 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.027 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

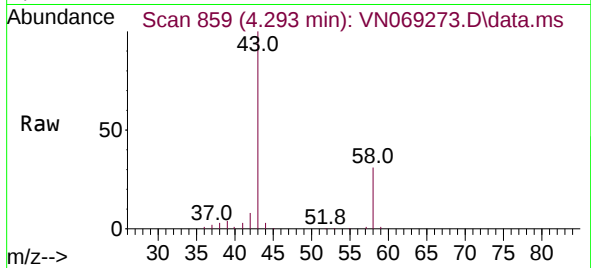
Tgt Ion: 59 Resp: 15872
Ion Ratio Lower Upper
59 100
57 4.0 8.3 12.5#





#16
Acetone
Concen: 183.774 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.010 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

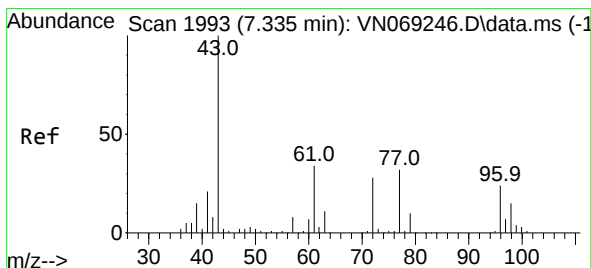
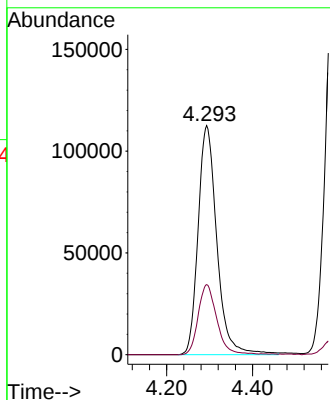
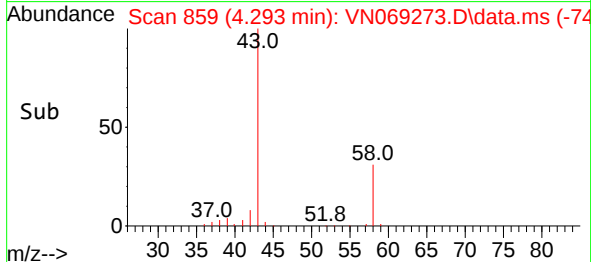
Instrument :
MSVOA_N
ClientSampleId :
RB-10192021



Tgt Ion: 43 Resp: 341068
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7

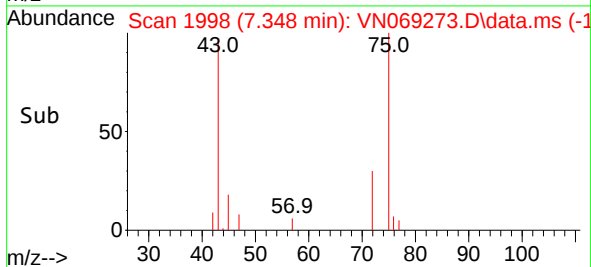
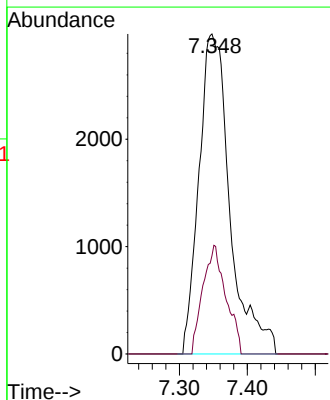
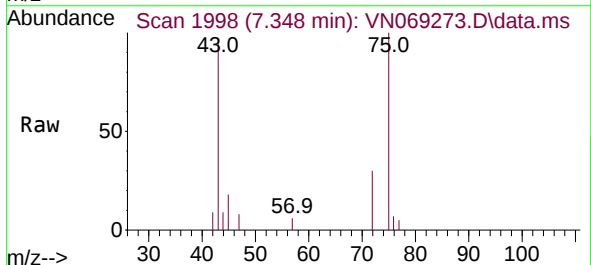
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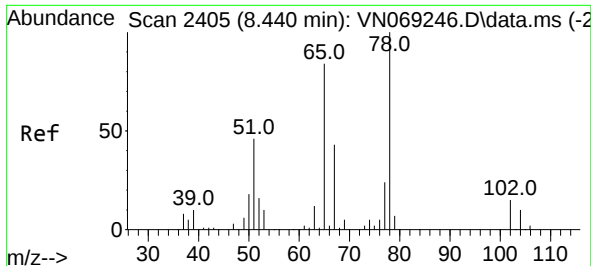
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#25
2-Butanone
Concen: 4.940 ug/l m
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

Tgt Ion: 43 Resp: 9465
Ion Ratio Lower Upper
43 100
72 30.7 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 46.585 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069273.D

Acq: 29 Oct 2021 2:10

Instrument :

MSVOA_N

ClientSampleId :

RB-10192021

Tgt Ion: 65 Resp: 20292

Ion Ratio Lower Upper

65 100

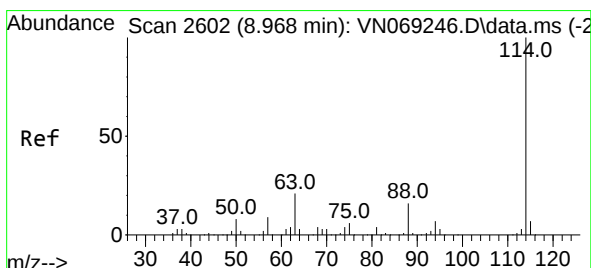
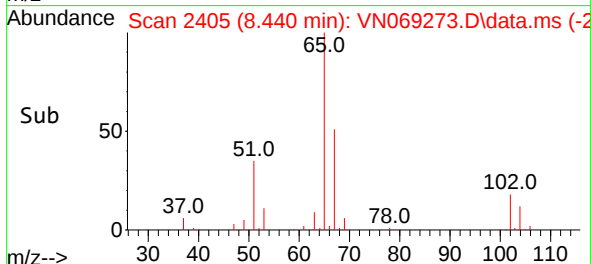
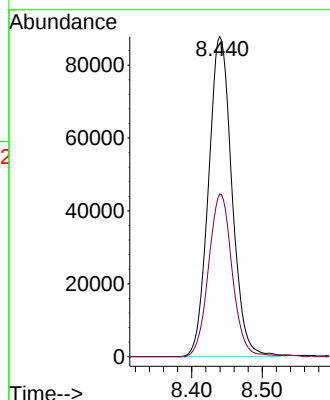
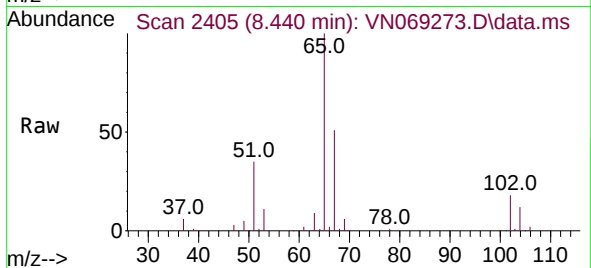
67 51.3 0.0 103.8

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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: VN069273.D

Acq: 29 Oct 2021 2:10

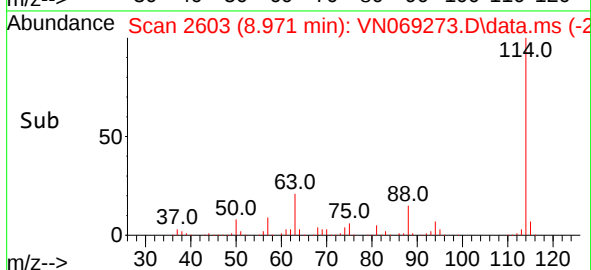
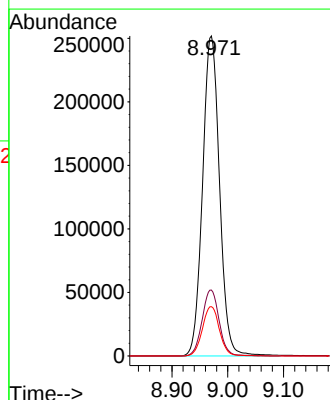
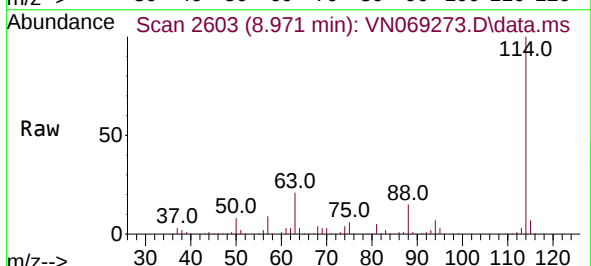
Tgt Ion:114 Resp: 532677

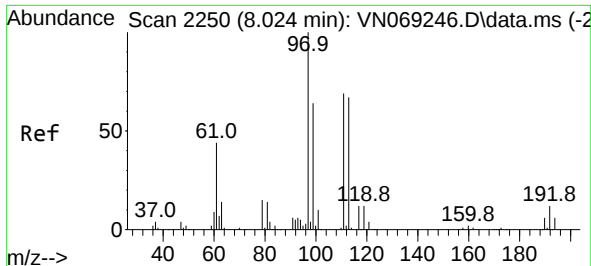
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.564 ug/l

RT: 8.024 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069273.D

Acq: 29 Oct 2021 2:10

Instrument :

MSVOA_N

ClientSampleId :

RB-10192021

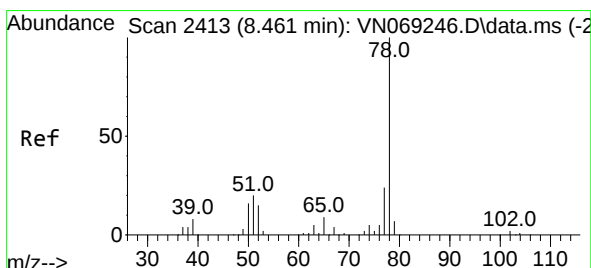
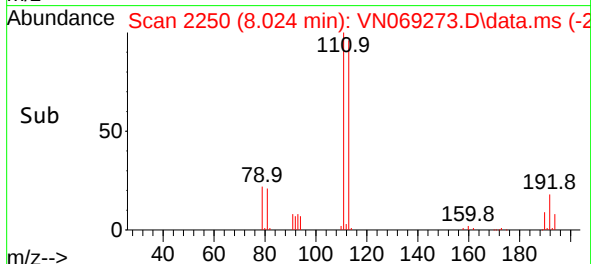
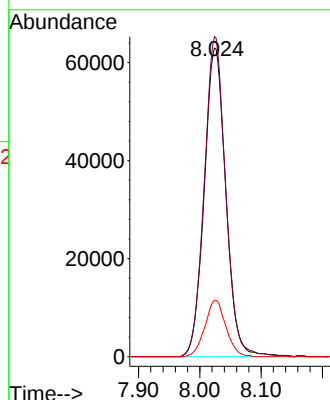
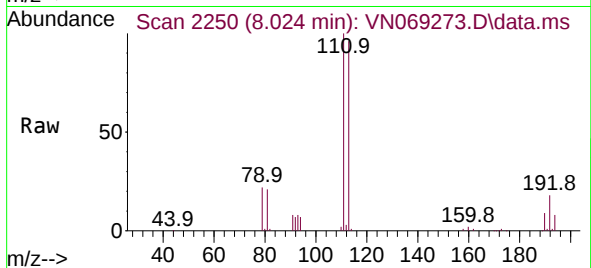
Tgt Ion:	113	Resp:	154610
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	17.8	15.0	22.4

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Supervised By :Mahesh Dadoda 11/01/2021



#40

Benzene

Concen: 0.345 ug/l

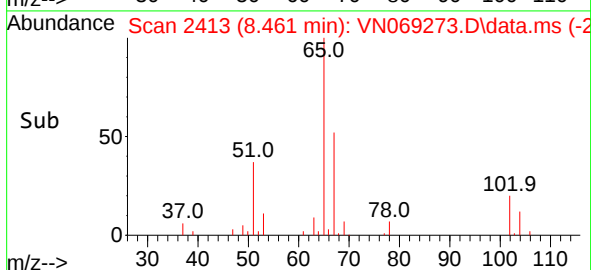
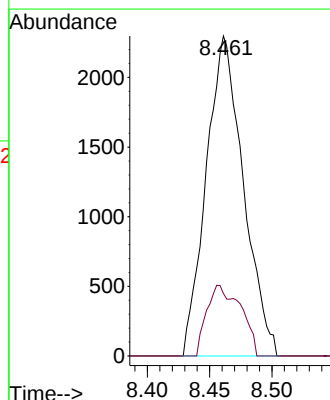
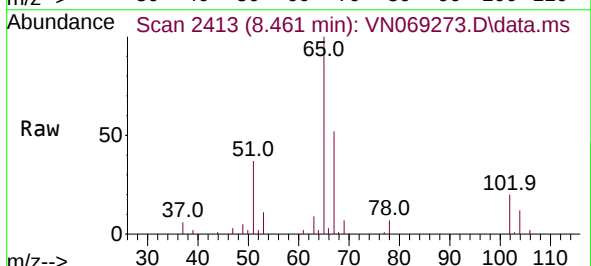
RT: 8.461 min Scan# 2413

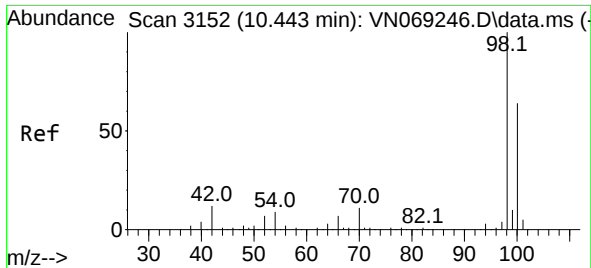
Delta R.T. -0.000 min

Lab File: VN069273.D

Acq: 29 Oct 2021 2:10

Tgt Ion:	78	Resp:	4763
Ion	Ratio	Lower	Upper
78	100		
77	19.5	19.1	28.7





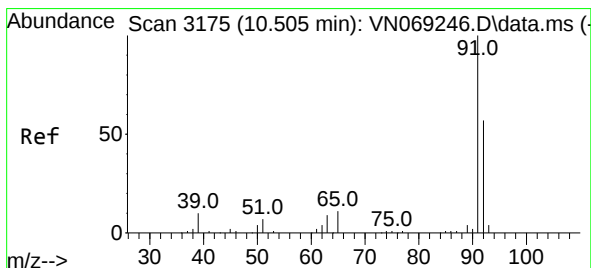
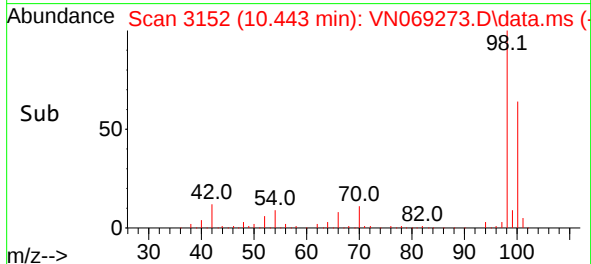
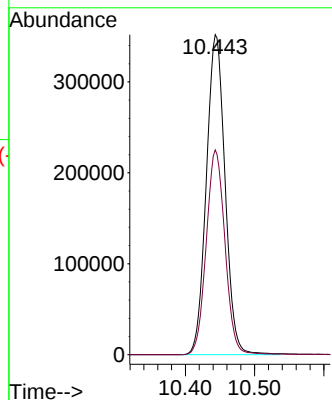
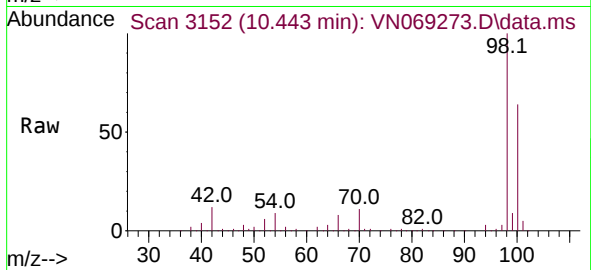
#50
Toluene-d8
Concen: 49.837 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

Instrument :
MSVOA_N
ClientSampleId :
RB-10192021

Tgt Ion: 98 Resp: 661664
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

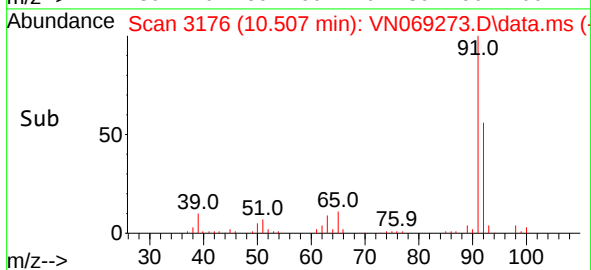
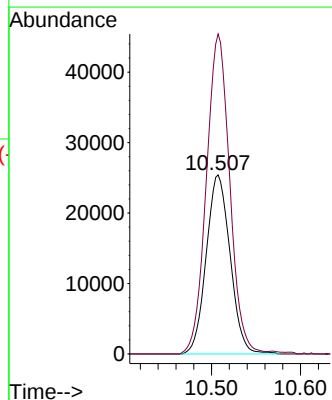
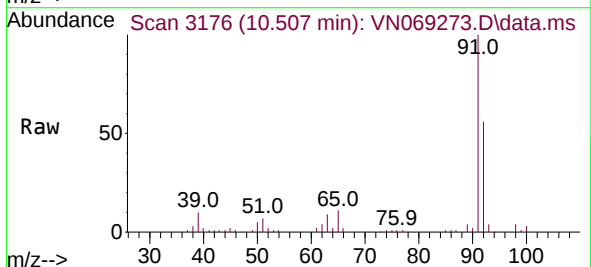
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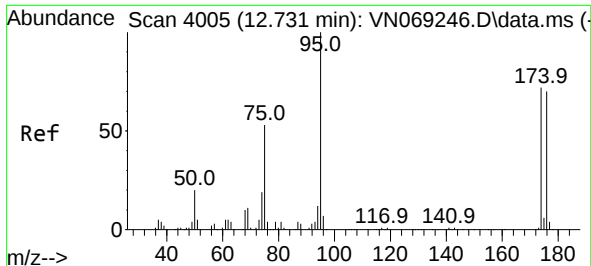
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#52
Toluene
Concen: 5.235 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

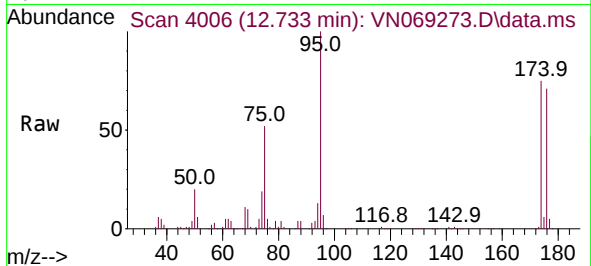
Tgt Ion: 92 Resp: 47422
Ion Ratio Lower Upper
92 100
91 174.4 138.5 207.7





#62
4-Bromofluorobenzene
Concen: 48.320 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

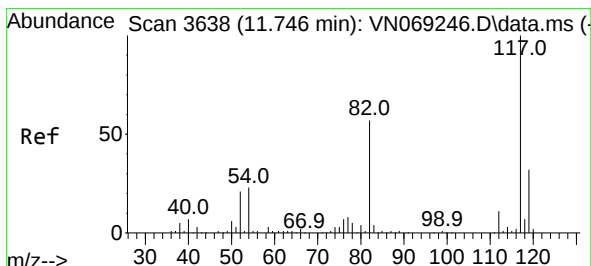
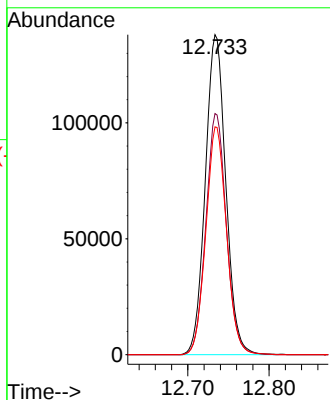
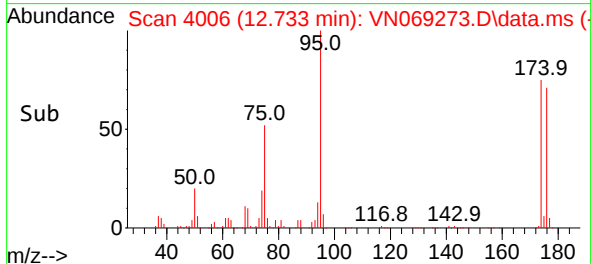
Instrument :
MSVOA_N
ClientSampleId :
RB-10192021



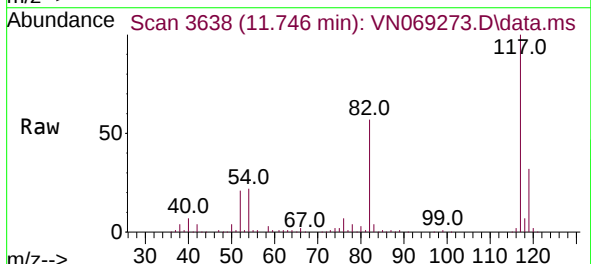
Tgt Ion: 95 Resp: 242078
Ion Ratio Lower Upper
95 100
174 75.1 0.0 144.8
176 71.6 0.0 140.0

Manual Integrations
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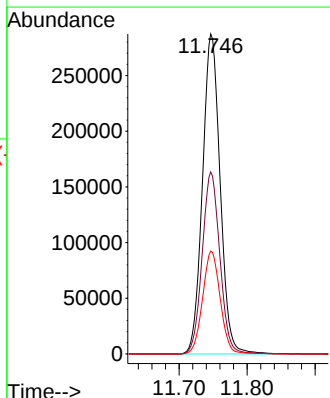
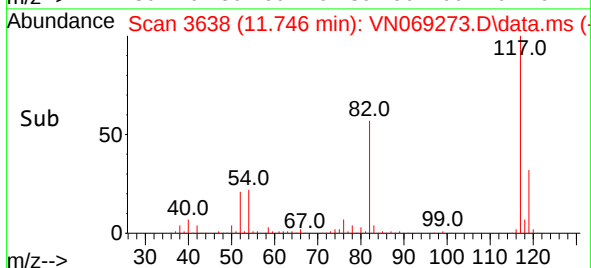
Reviewed By :John Carlone 11/01/2021
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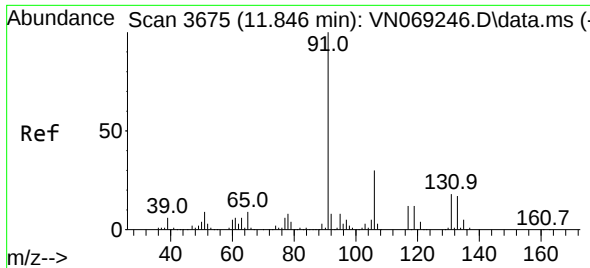


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10



Tgt Ion:117 Resp: 519009
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 32.2 26.0 39.0





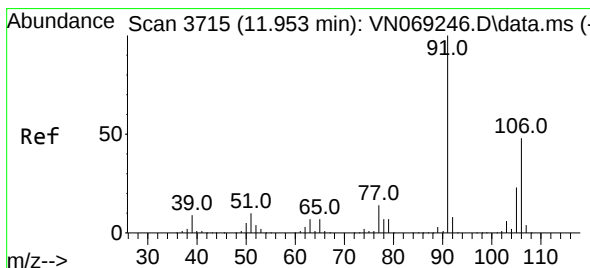
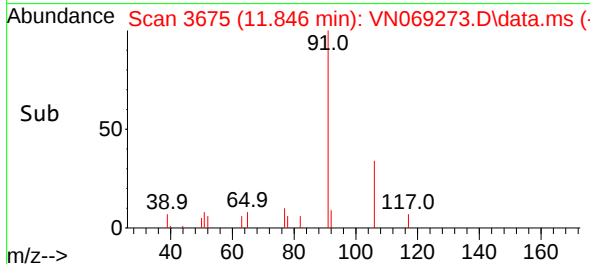
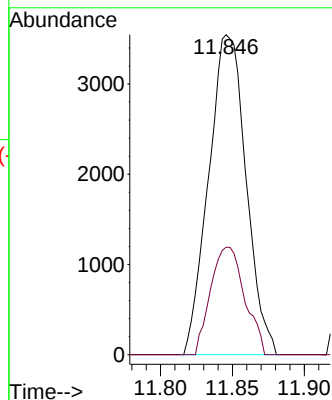
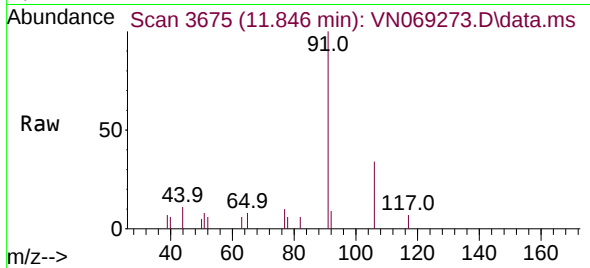
#67
Ethyl Benzene
Concen: 0.345 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

Instrument :
MSVOA_N
ClientSampleId :
RB-10192021

Tgt Ion: 91 Resp: 6420
Ion Ratio Lower Upper
91 100
106 33.6 24.8 37.2

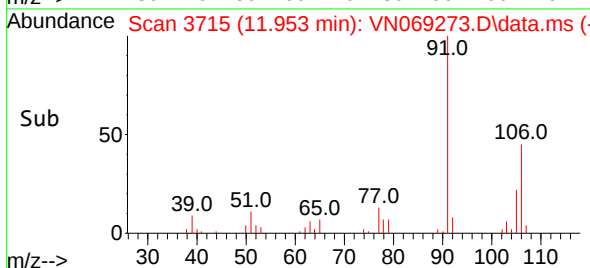
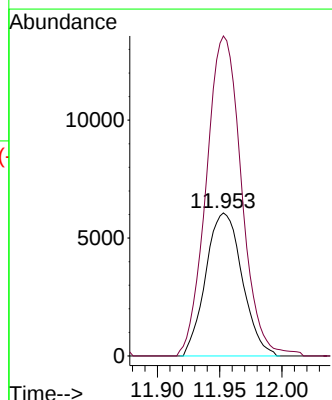
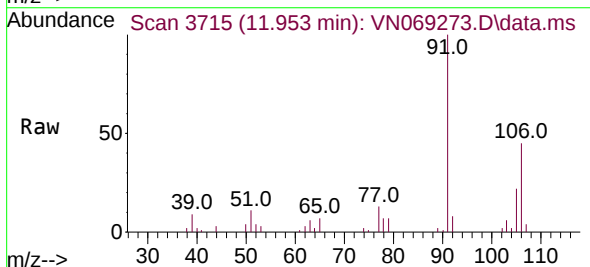
Manual Integrations
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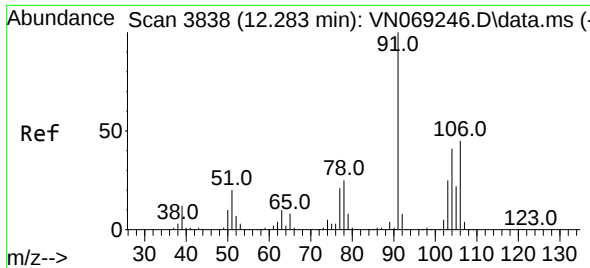
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#68
m/p-Xylenes
Concen: 1.780 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

Tgt Ion:106 Resp: 12336
Ion Ratio Lower Upper
106 100
91 216.4 166.8 250.2





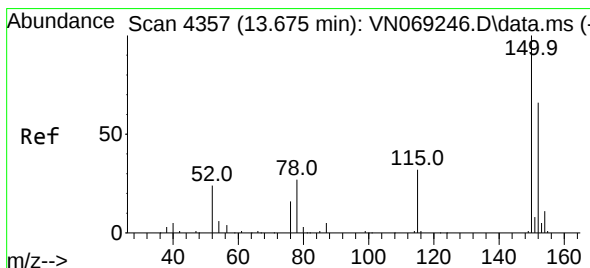
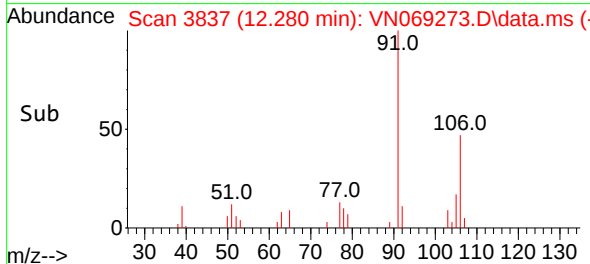
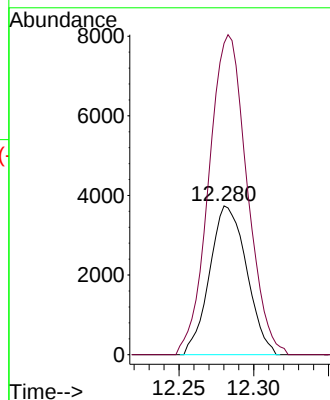
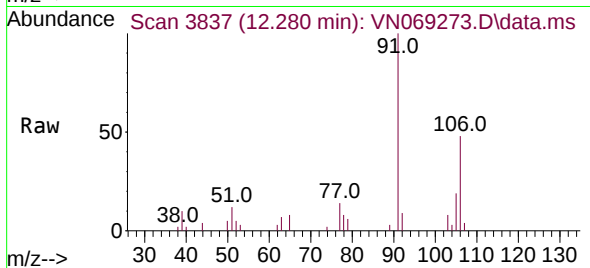
#69
o-Xylene
Concen: 0.922 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

Instrument :
MSVOA_N
ClientSampleId :
RB-10192021

Tgt Ion:106 Resp: 6434
Ion Ratio Lower Upper
106 100
91 221.7 109.6 328.6

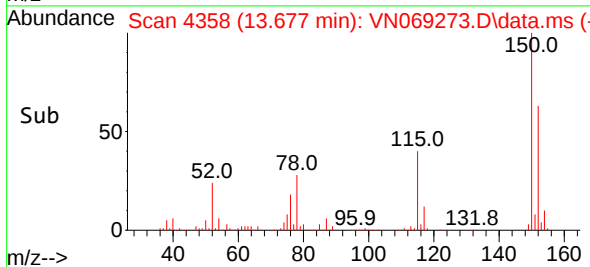
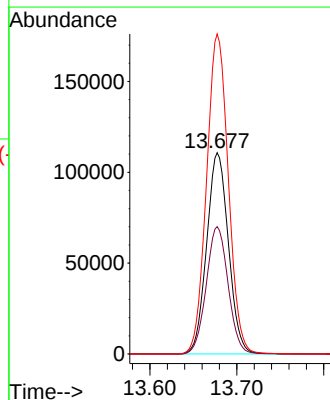
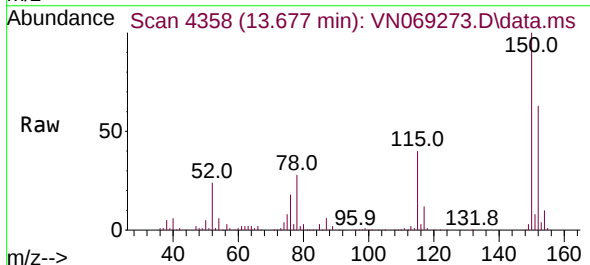
Manual Integrations
APPROVED

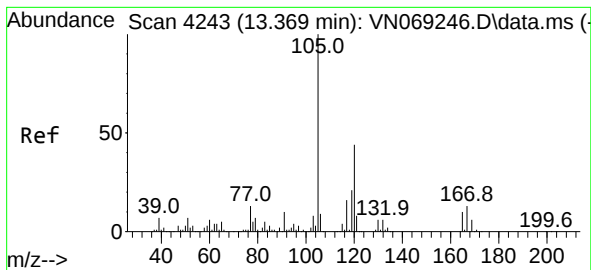
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069273.D
Acq: 29 Oct 2021 2:10

Tgt Ion:152 Resp: 192611
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.3
150 159.0 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 0.541 ug/l

RT: 13.372 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN069273.D

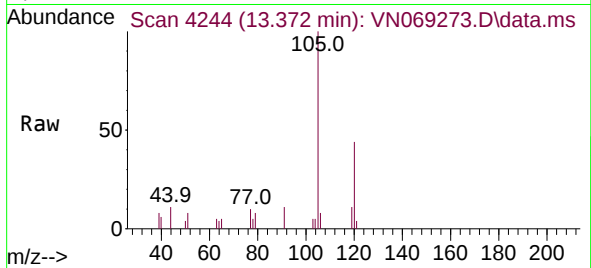
Acq: 29 Oct 2021 2:10

Instrument :

MSVOA_N

ClientSampleId :

RB-10192021



Tgt Ion:105 Resp: 7110

Ion Ratio Lower Upper

105 100

120 41.9 21.9 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021

