

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069597.D
 Acq On : 19 Nov 2021 20:21
 Operator : JC/MD
 Sample : M4768-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 22 05:09:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1544759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2666952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2608090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1032594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1127566	50.342	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.680%			
35) Dibromofluoromethane	8.024	113	783485	48.982	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.960%			
50) Toluene-d8	10.443	98	3363958	53.473	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.731	95	1211014	52.401	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.800%			
Target Compounds					Qvalue	
16) Acetone	4.291	43	29935m	2.477	ug/l	
40) Benzene	8.464	78	120830	1.744	ug/l	99
52) Toluene	10.505	92	76710	1.778	ug/l	100
67) Ethyl Benzene	11.843	91	60557	0.676	ug/l	95
68) m/p-Xylenes	11.950	106	102808	3.122	ug/l	86
69) o-Xylene	12.280	106	46350	1.412	ug/l	91
73) Isopropylbenzene	12.581	105	61534	0.748	ug/l	99
78) n-propylbenzene	12.921	91	32930	0.356	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	16363	0.246	ug/l	93
83) tert-Butylbenzene	13.323	119	14272	0.245	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	56650	0.883	ug/l	99
85) sec-Butylbenzene	13.503	105	99064	1.218	ug/l	84

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

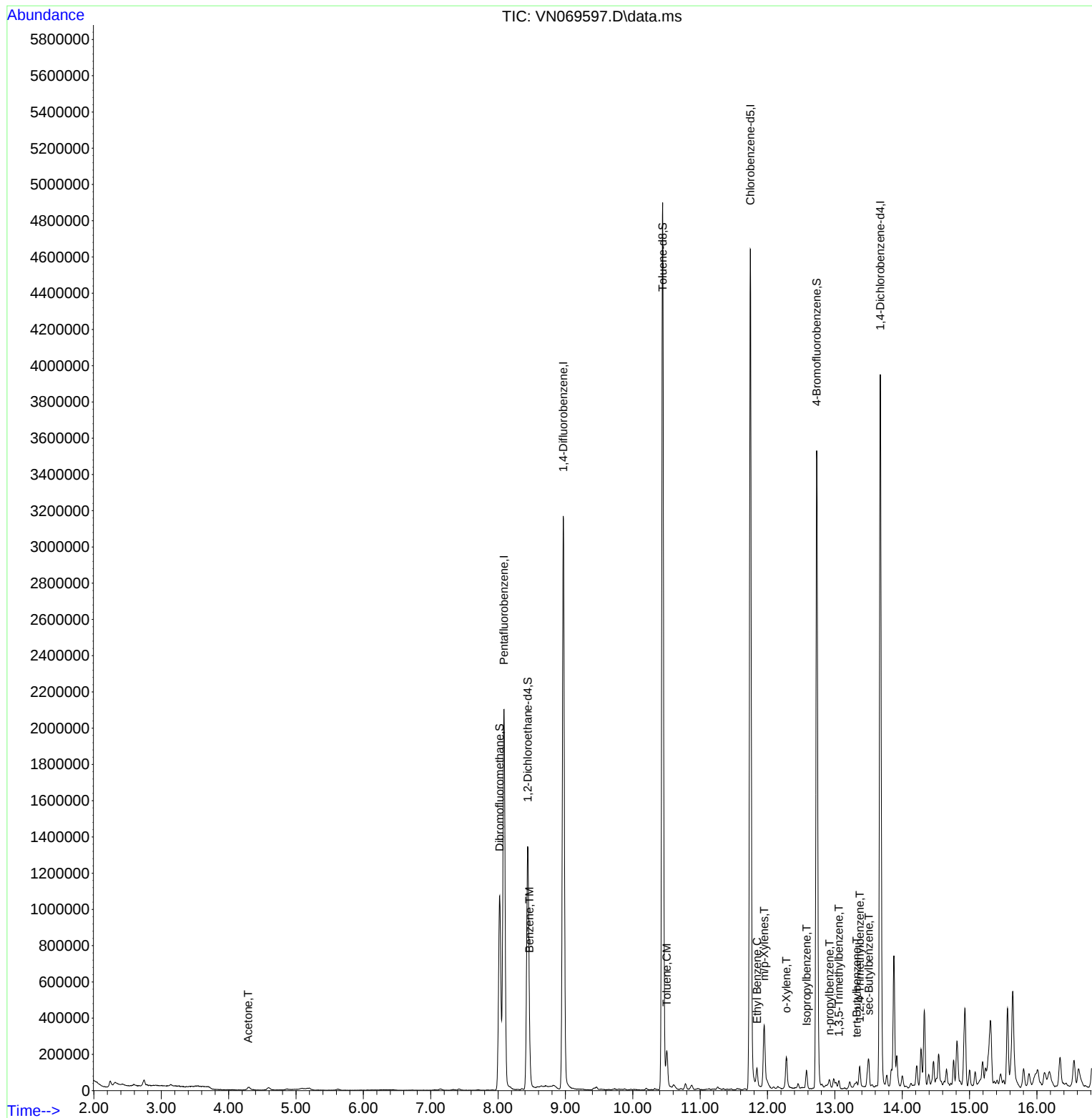
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
Data File : VN069597.D
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Operator : JC/MD
Sample : M4768-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

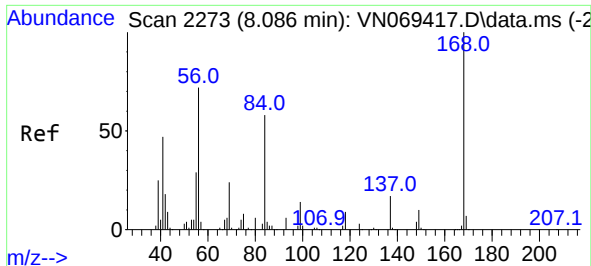
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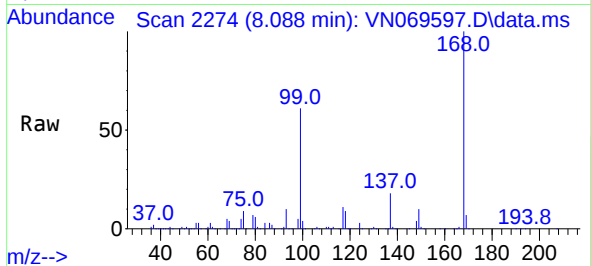
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

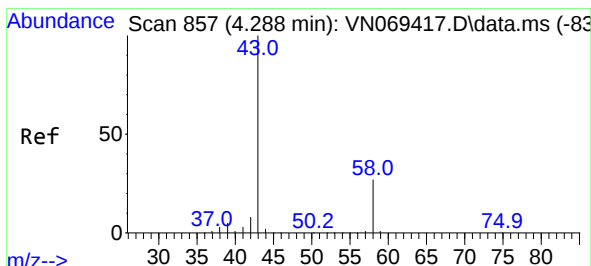
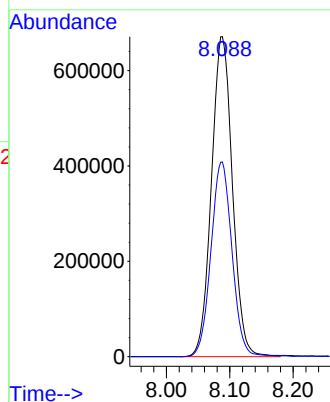
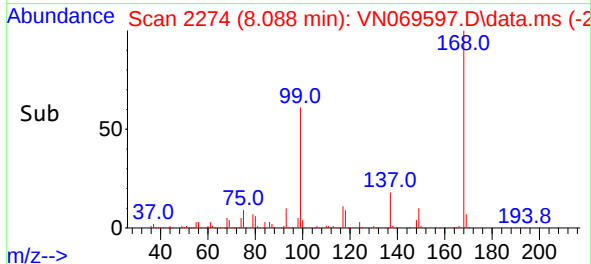
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:168 Resp: 154475
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

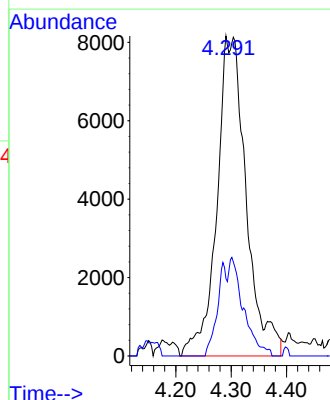
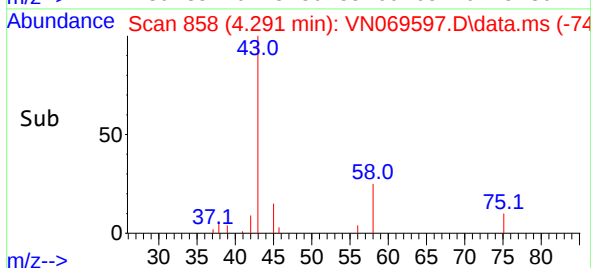
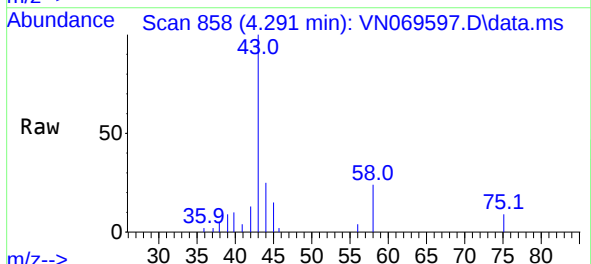
Manual Integrations
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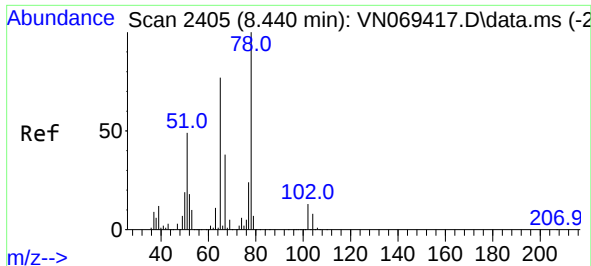
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#16
Acetone
Concen: 2.477 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Tgt Ion: 43 Resp: 29935
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.342 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069597.D

Acq: 19 Nov 2021 20:21

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tgt Ion: 65 Resp: 112756

Ion Ratio Lower Upper

65 100

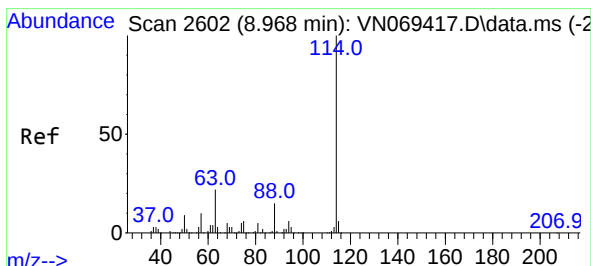
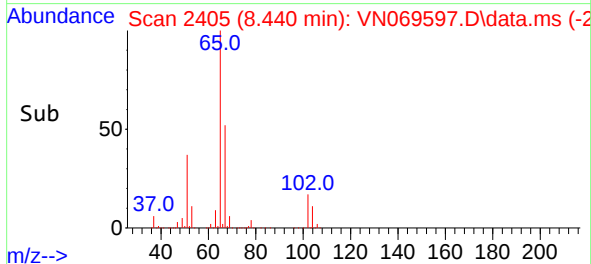
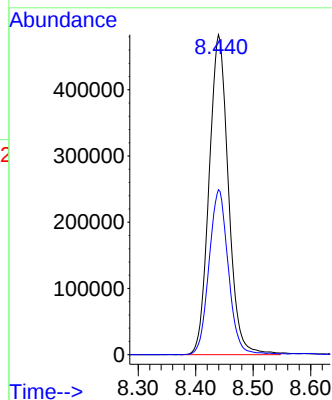
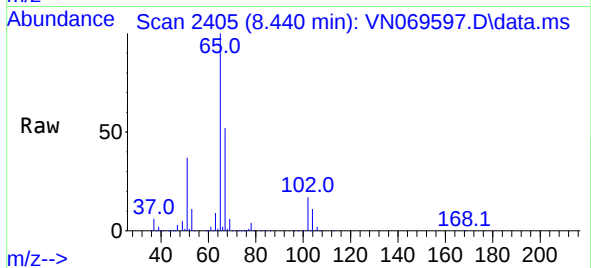
67 51.3 0.0 103.0

Manual Integrations

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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: VN069597.D

Acq: 19 Nov 2021 20:21

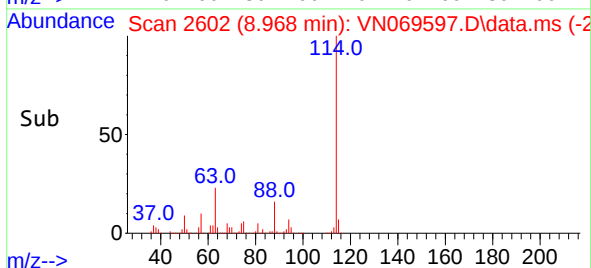
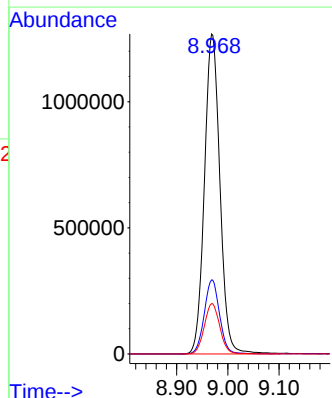
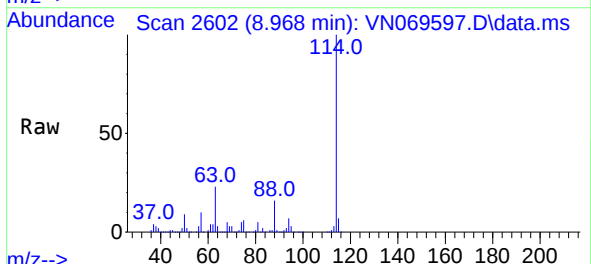
Tgt Ion:114 Resp: 2666952

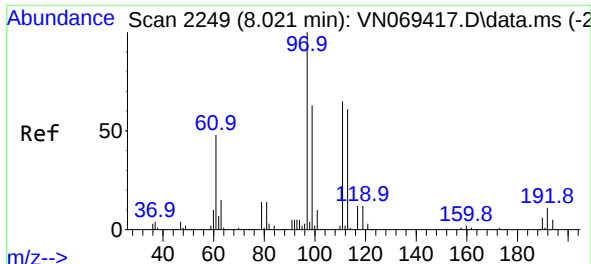
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

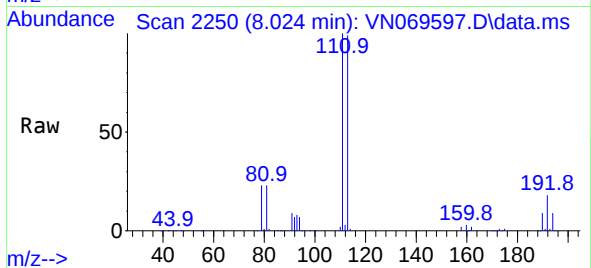
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.982 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

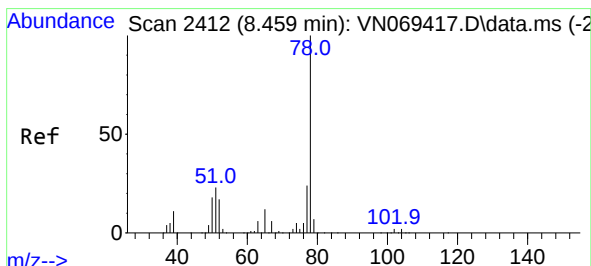
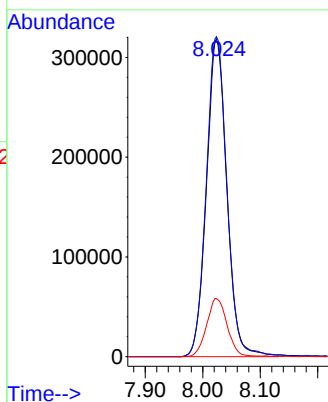
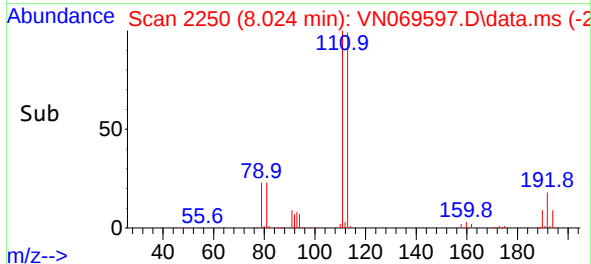
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:113 Resp: 78348
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.4 16.9 25.3

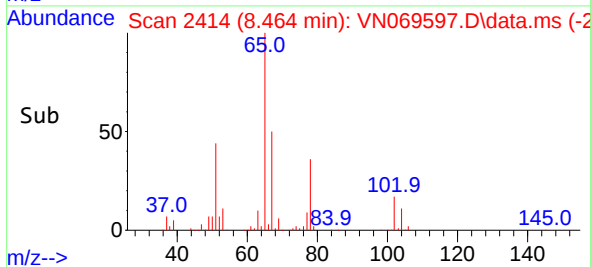
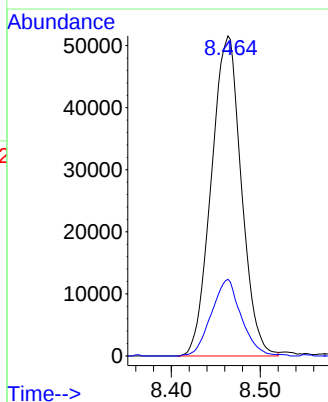
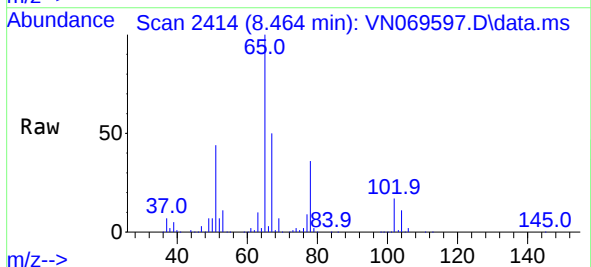
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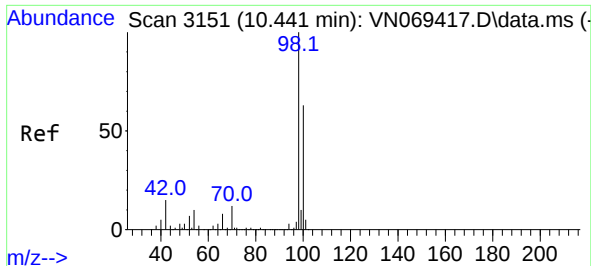
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#40
Benzene
Concen: 1.744 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.005 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Tgt Ion: 78 Resp: 120830
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





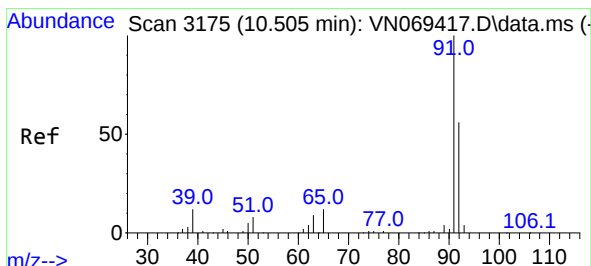
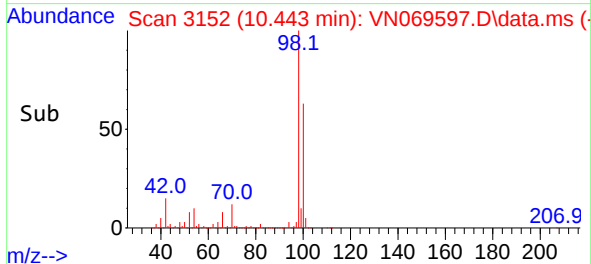
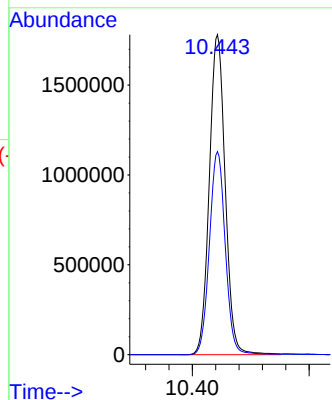
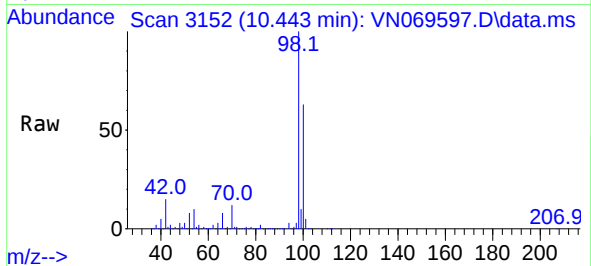
#50
Toluene-d8
Concen: 53.473 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 98 Resp: 336395
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6

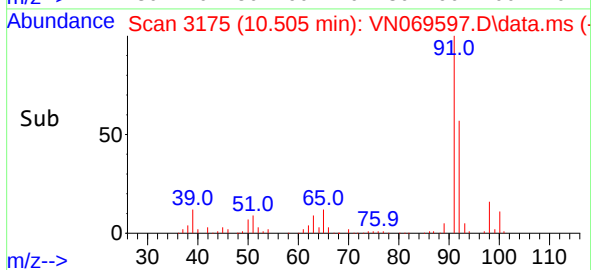
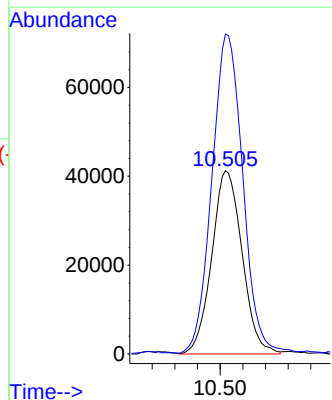
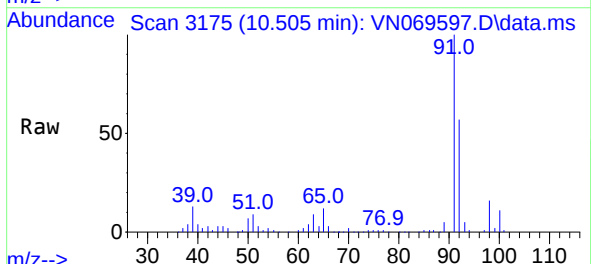
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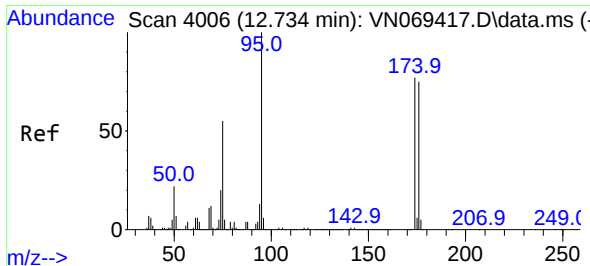
Reviewed By :John Carlone 11/22/2021
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#52
Toluene
Concen: 1.778 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

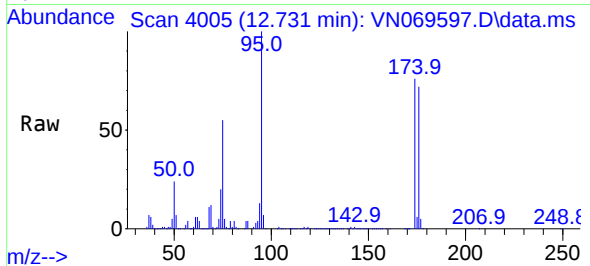
Tgt Ion: 92 Resp: 76710
Ion Ratio Lower Upper
92 100
91 176.9 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 52.401 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

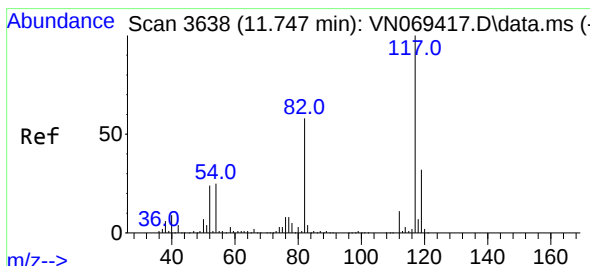
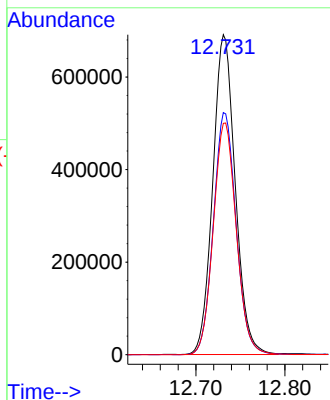
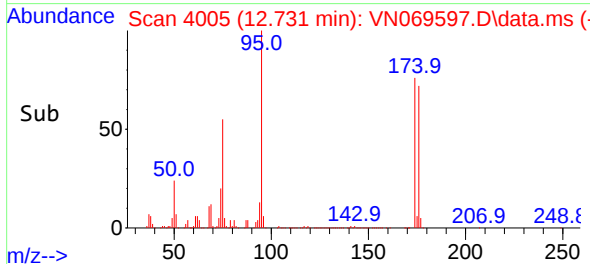
Instrument :
MSVOA_N
ClientSampleId :
MW-2



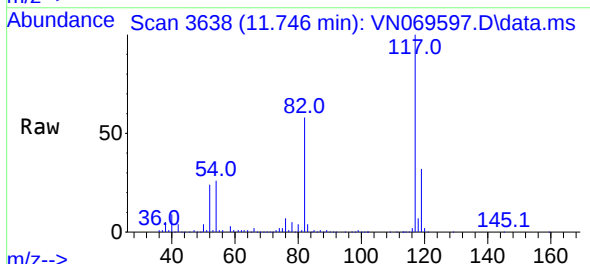
Tgt Ion: 95 Resp: 1211014
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.4 0.0 181.4

Manual Integrations
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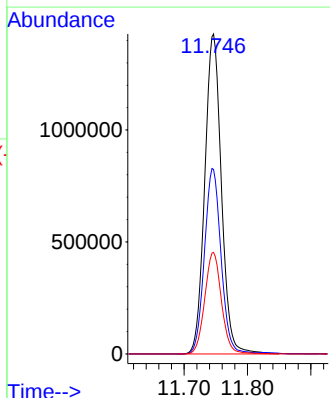
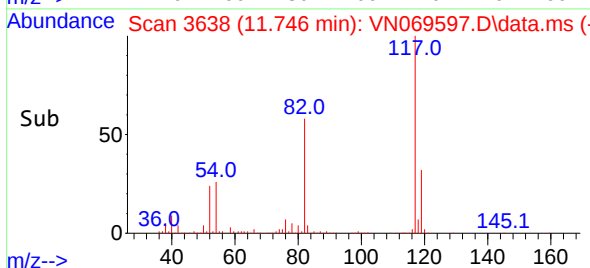
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

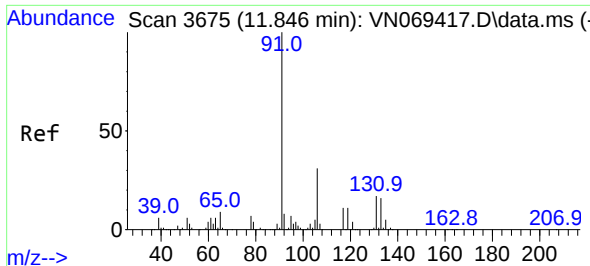


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21



Tgt Ion:117 Resp: 2608090
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.7 25.4 38.2





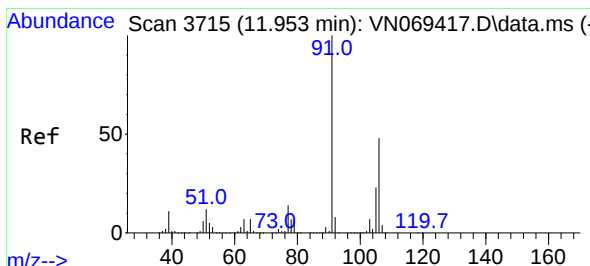
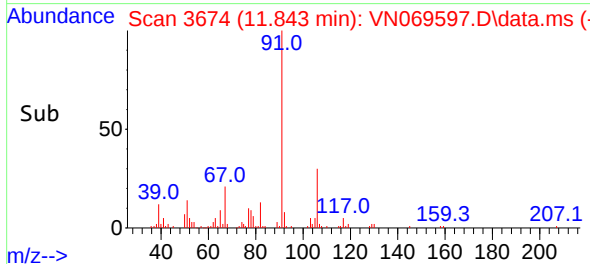
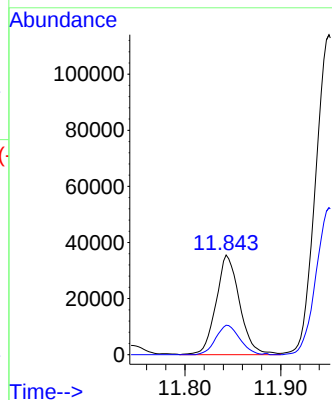
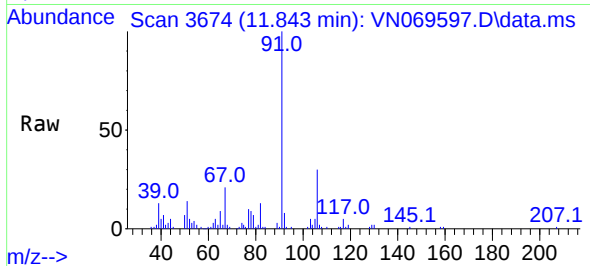
#67
Ethyl Benzene
Concen: 0.676 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 6055
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

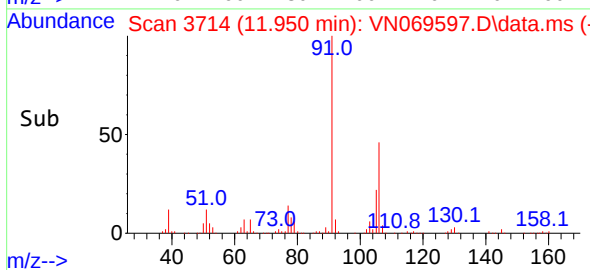
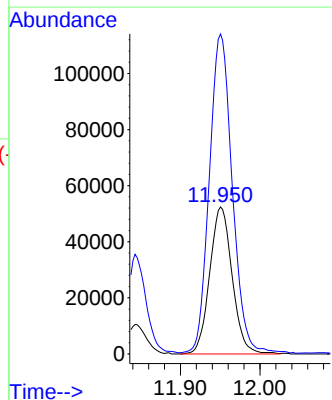
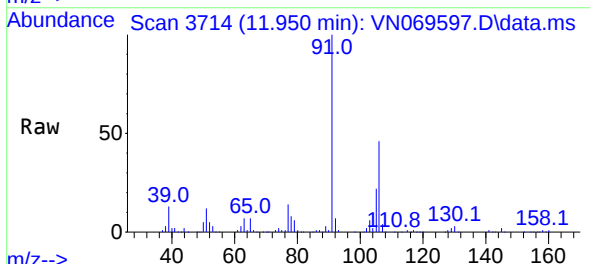
Manual Integrations
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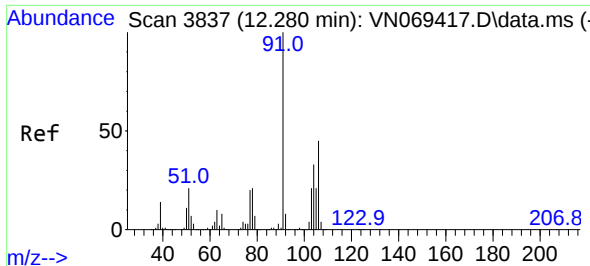
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#68
m/p-Xylenes
Concen: 3.122 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

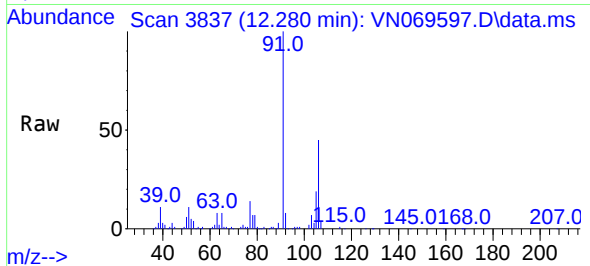
Tgt Ion:106 Resp: 102808
Ion Ratio Lower Upper
106 100
91 222.1 160.6 240.8





#69
o-Xylene
Concen: 1.412 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

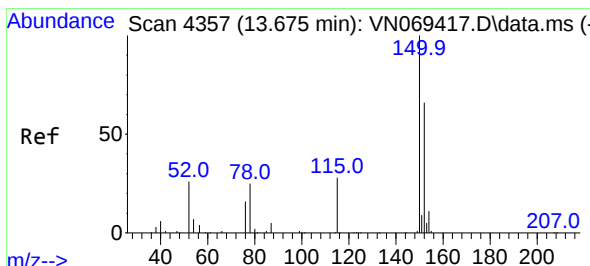
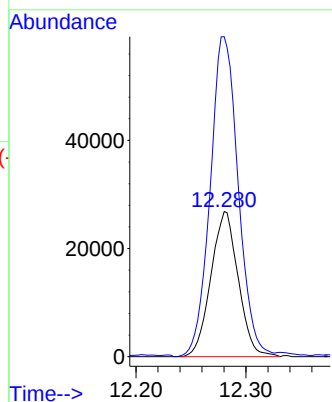
Instrument :
MSVOA_N
ClientSampleId :
MW-2



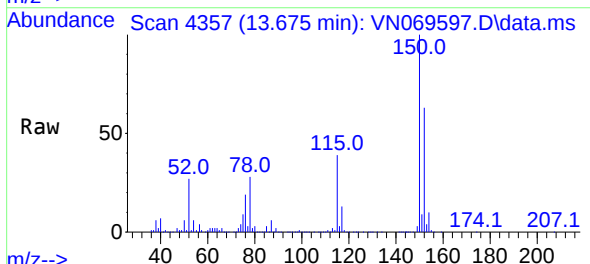
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Ion Ratio Lower Upper
106 100
91 226.3 105.8 317.3

Manual Integrations
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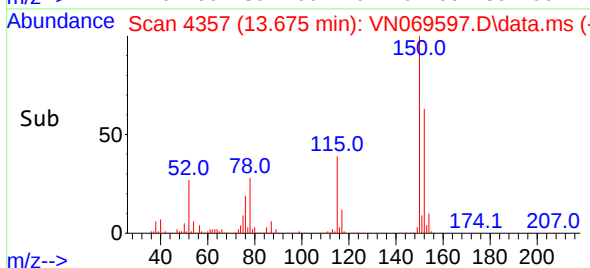
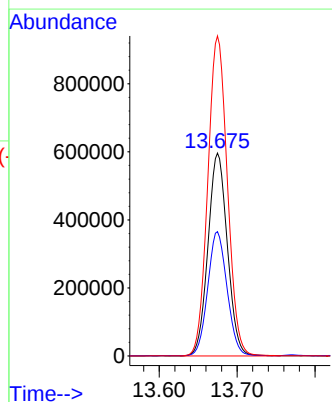
Reviewed By :John Carlone 11/22/2021
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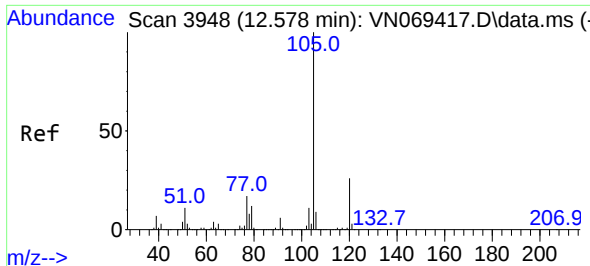


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21



Tgt Ion:152 Resp: 1032594
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.9 0.0 344.4





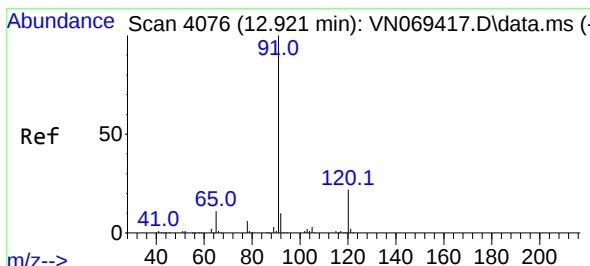
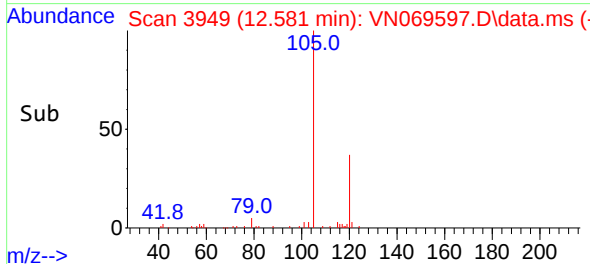
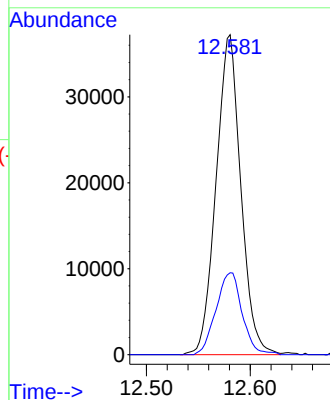
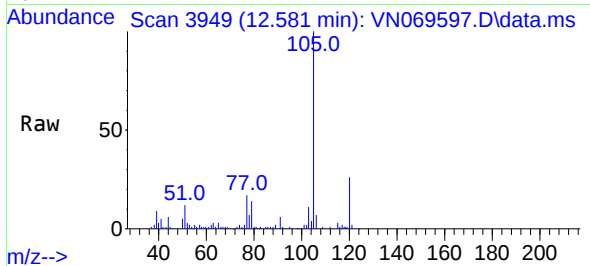
#73
Isopropylbenzene
Concen: 0.748 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 61534
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

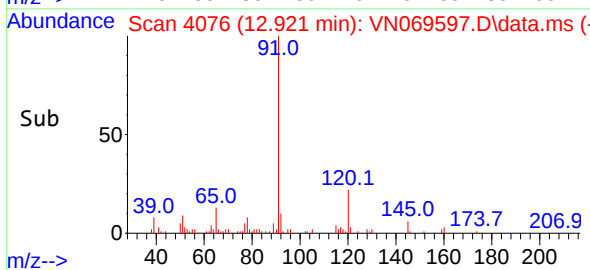
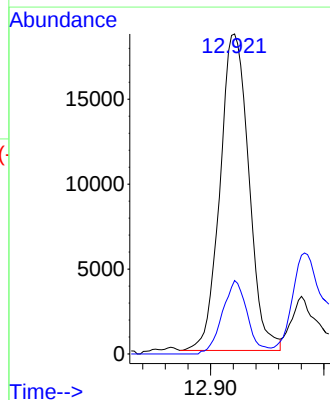
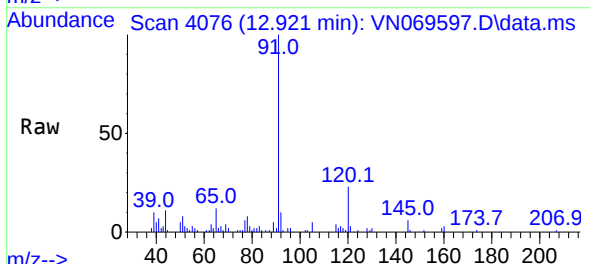
Manual Integrations
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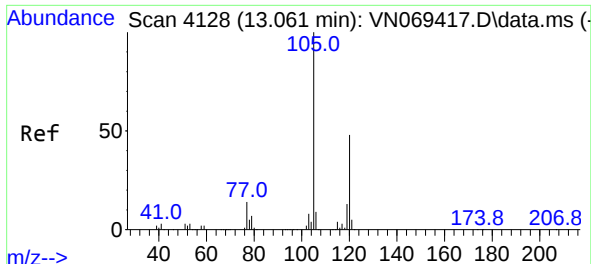
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#78
n-propylbenzene
Concen: 0.356 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Tgt Ion: 91 Resp: 32930
Ion Ratio Lower Upper
91 100
120 20.3 11.9 35.9





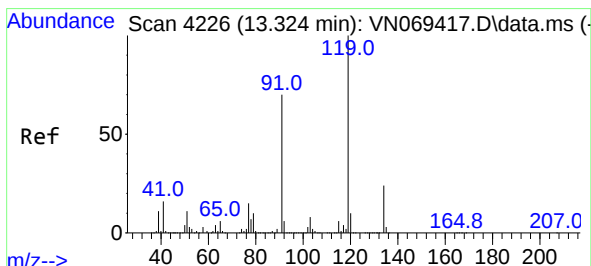
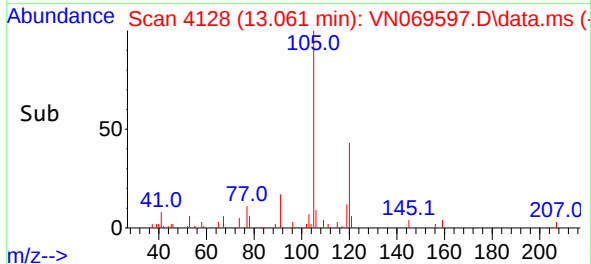
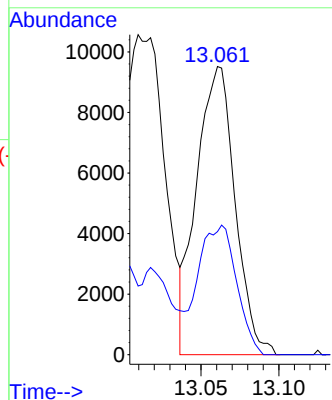
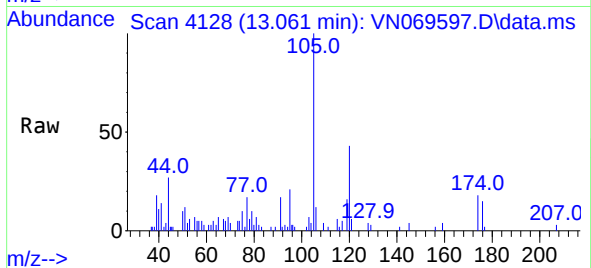
#80
1,3,5-Trimethylbenzene
Concen: 0.246 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 1636
Ion Ratio Lower Upper
105 100
120 44.6 24.6 73.6

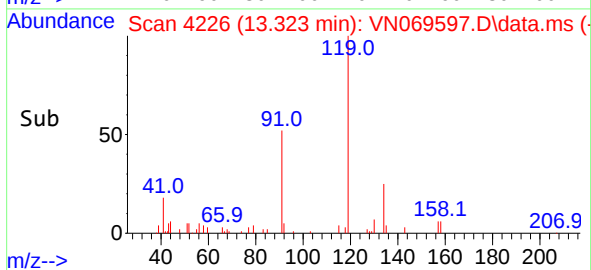
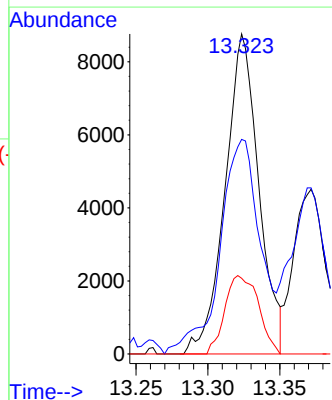
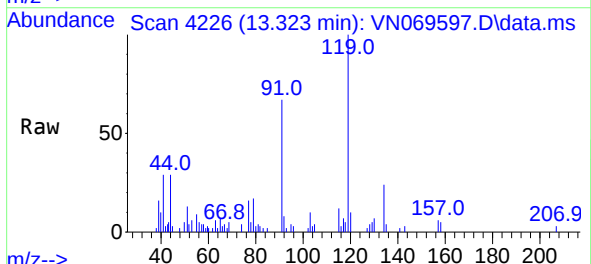
Manual Integrations
APPROVED

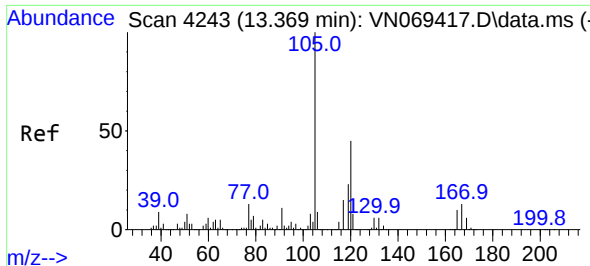
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#83
tert-Butylbenzene
Concen: 0.245 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

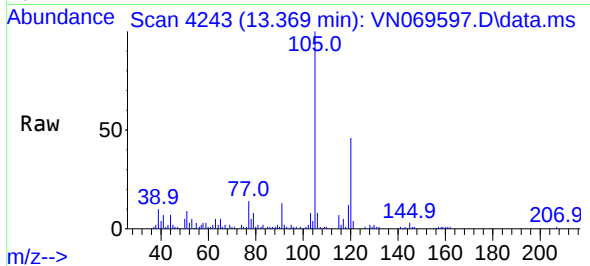
Tgt Ion:119 Resp: 14272
Ion Ratio Lower Upper
119 100
91 79.6 31.5 94.5
134 24.4 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 0.883 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21

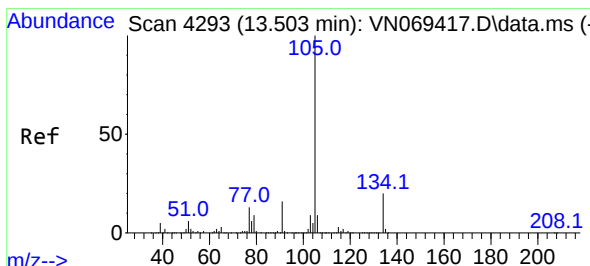
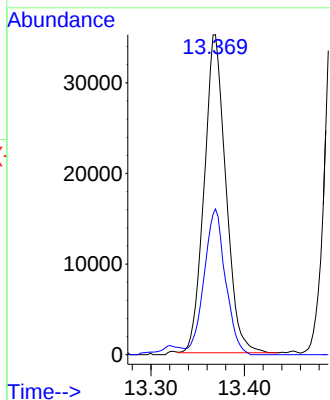
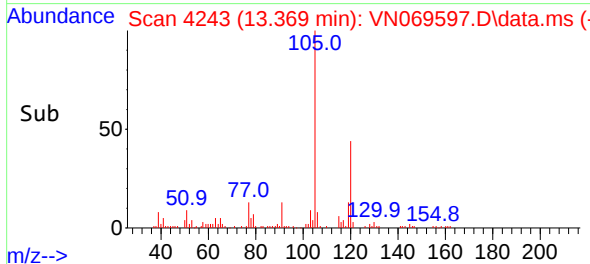
Instrument :
MSVOA_N
ClientSampleId :
MW-2



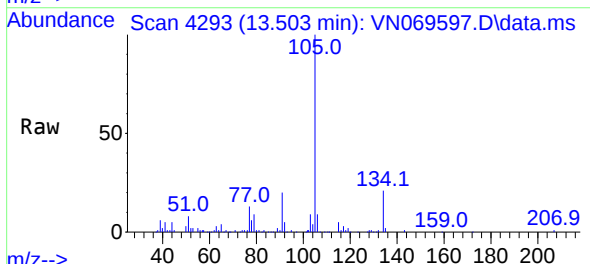
Tgt Ion:105 Resp: 56650
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#85
sec-Butylbenzene
Concen: 1.218 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069597.D
Acq: 19 Nov 2021 20:21



Tgt Ion:105 Resp: 99064
Ion Ratio Lower Upper
105 100
134 28.3 10.4 31.1

