

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069911.D
 Acq On : 9 Dec 2021 15:04
 Operator : JC/MD
 Sample : M4940-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1245287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2324155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2589561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1031686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	992590	51.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	103.240%	
35) Dibromofluoromethane	8.024	113	716955	49.248	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	98.500%	
50) Toluene-d8	10.440	98	3030977	51.851	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.700%	
62) 4-Bromofluorobenzene	12.731	95	1243006	58.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	117.400%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.374	59	40667	11.189	ug/l #	71
16) Acetone	4.299	43	67190	5.809	ug/l #	88
17) Carbon Disulfide	4.532	76	9479	0.309	ug/l #	74
19) Methyl tert-butyl Ether	5.618	73	28043m	0.608	ug/l	
40) Benzene	8.461	78	168629	2.493	ug/l	96
52) Toluene	10.505	92	12984	0.314	ug/l	97
67) Ethyl Benzene	11.846	91	33890	0.355	ug/l	91
68) m/p-Xylenes	11.950	106	15070	0.434	ug/l	98
69) o-Xylene	12.280	106	8221	0.235	ug/l	92
78) n-propylbenzene	12.921	91	24362	0.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	36973	0.525	ug/l	99
95) Naphthalene	15.504	128	52837	4.950	ug/l	99

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

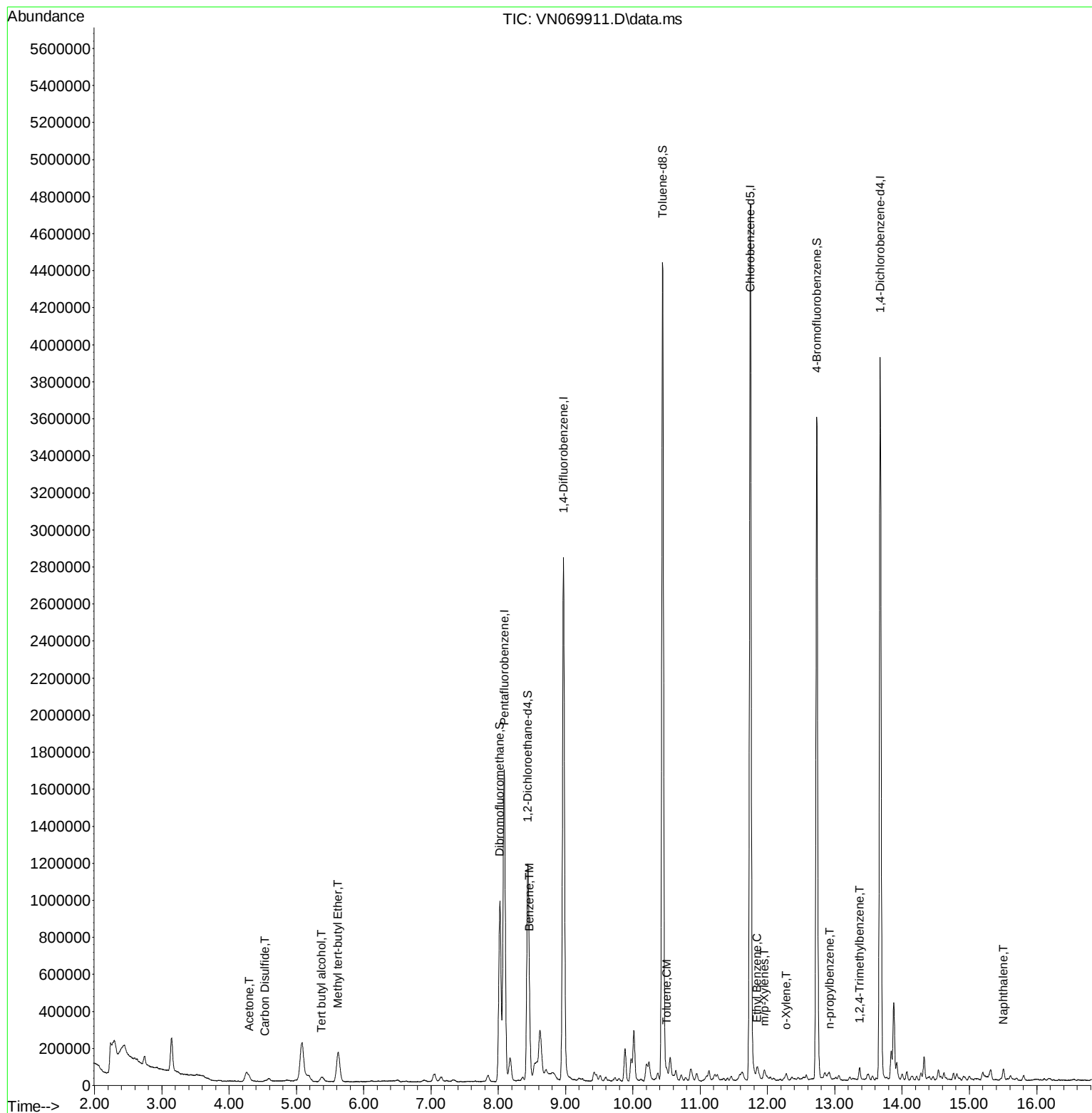
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069911.D
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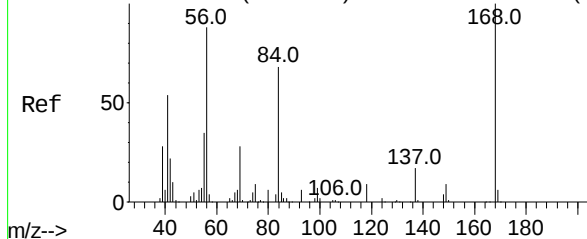
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



Abundance Scan 2273 (8.086 min): VN069703.D\data.ms (-2249) (-)



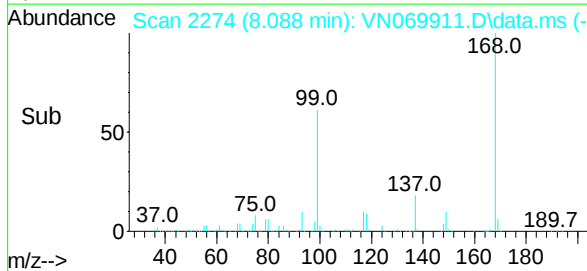
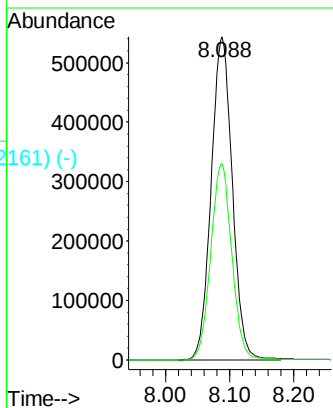
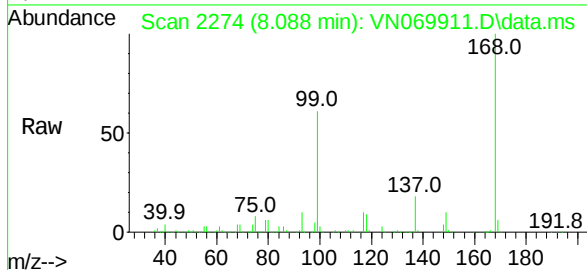
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2161
Delta R.T. 0.002 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
MSVOA_N
ClientSampleId :
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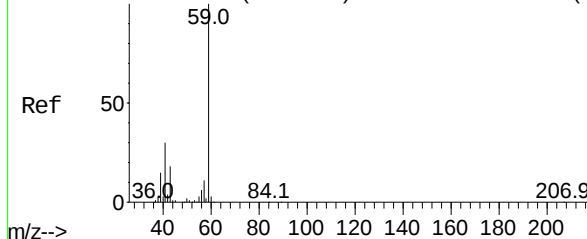
Tgt Ion:168 Resp: 124528
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

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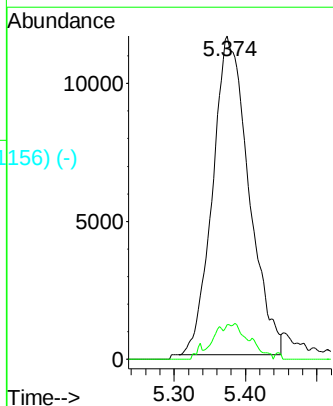
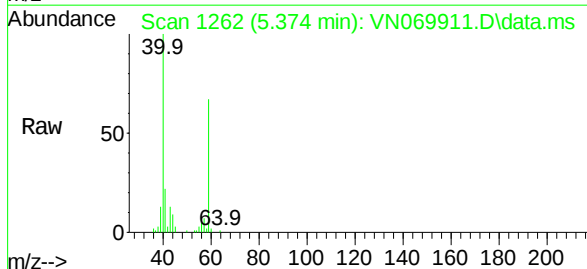


Abundance Scan 1268 (5.390 min): VN069703.D\data.ms (-1219) (-)

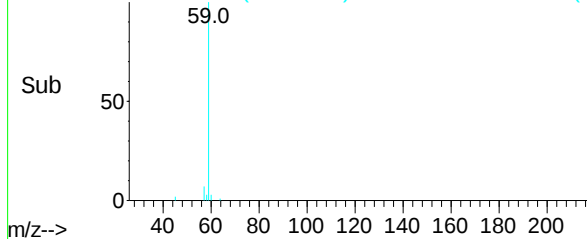


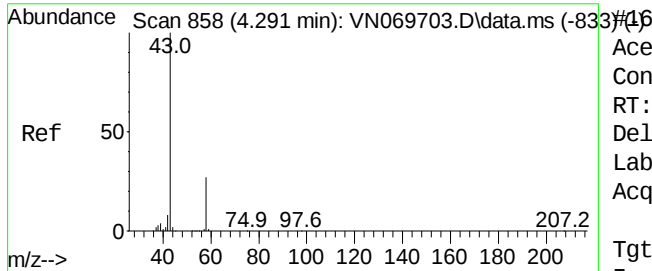
Tert butyl alcohol
Concen: 11.189 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion: 59 Resp: 40667
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



Abundance Scan 1262 (5.374 min): VN069911.D\data.ms (-1156) (-)





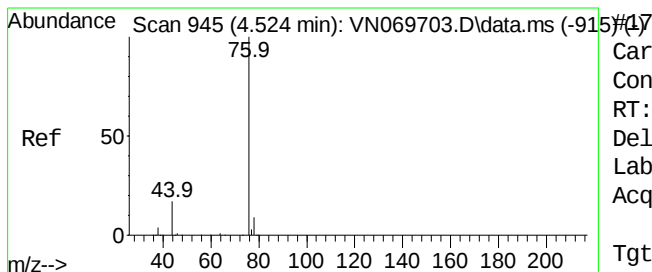
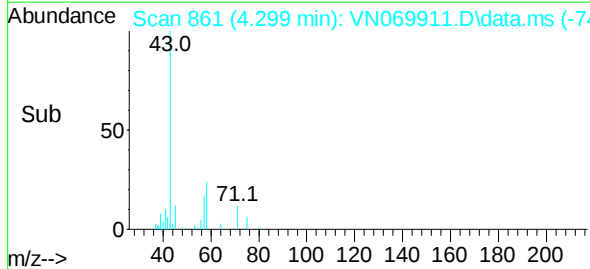
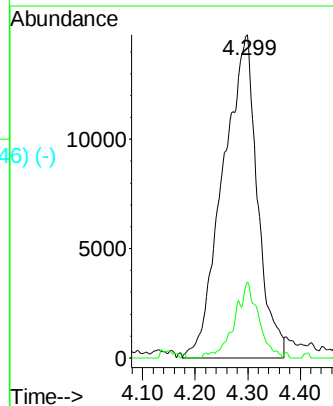
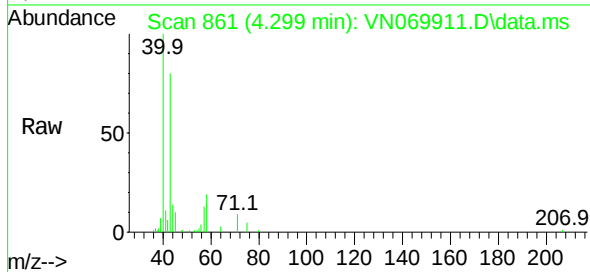
Acetone
Concen: 5.809 ug/l
RT: 4.299 min Scan# 858
Delta R.T. 0.008 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

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Client SampleId : MW-11

Tgt Ion: 43 Resp: 6719
Ion Ratio Lower Upper
43 100
58 22.5 23.1 34.7

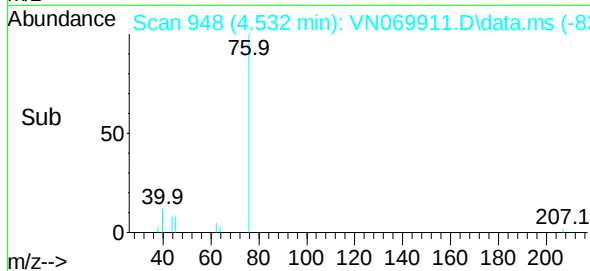
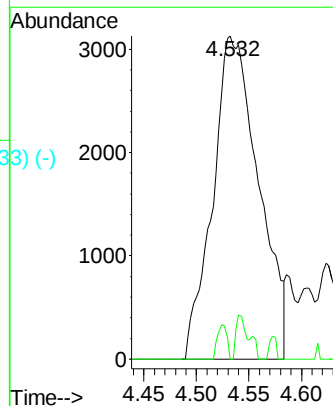
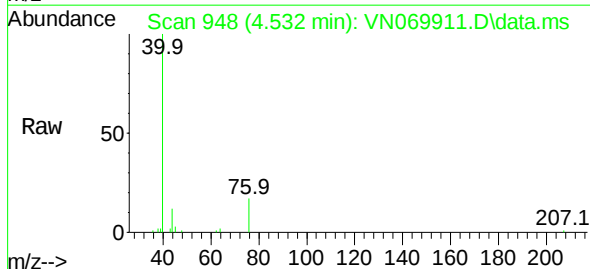
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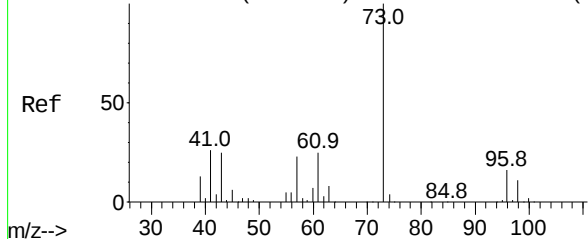


Carbon Disulfide
Concen: 0.309 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion: 76 Resp: 9479
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



Abundance Scan 1353 (5.618 min): VN069703.D\data.ms (-1319)



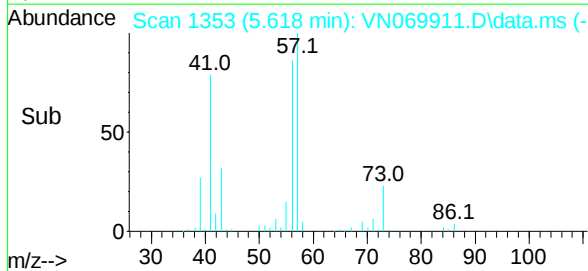
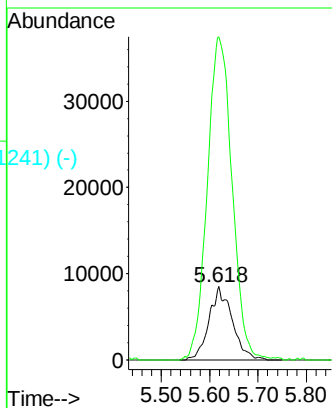
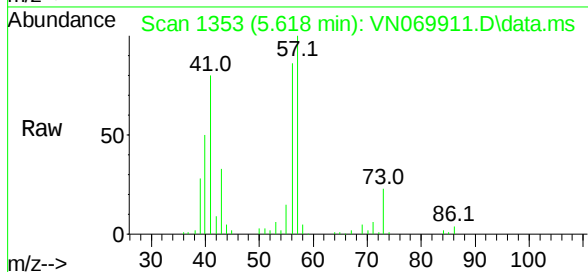
Methyl tert-butyl Ether
Concen: 0.608 ug/l m
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-11

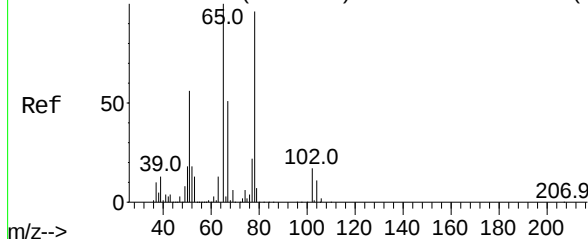
Tgt Ion: 73 Resp: 2804
Ion Ratio Lower Upper
73 100
57 440.9 16.8 25.2

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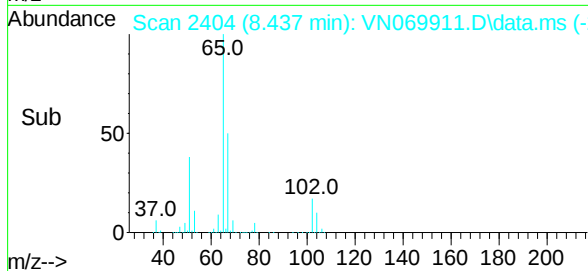
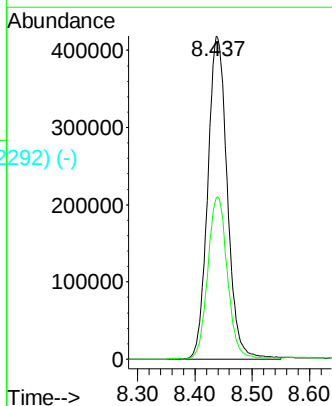
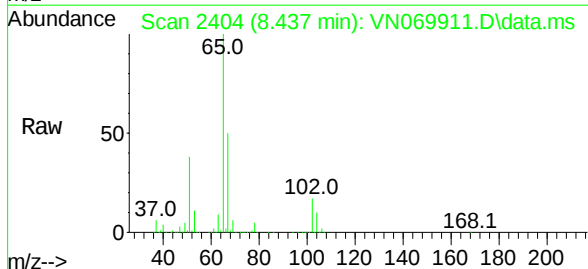


Abundance Scan 2404 (8.437 min): VN069703.D\data.ms (-2369)

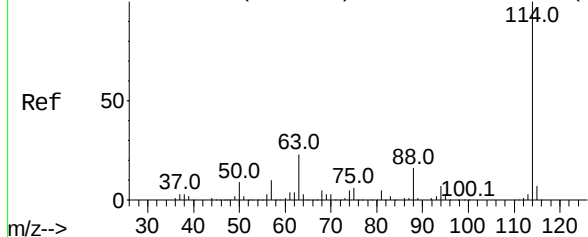


1,2-Dichloroethane-d4
Concen: 51.624 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion: 65 Resp: 992590
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0



Abundance Scan 2602 (8.968 min): VN069703.D\data.ms (-2560) (-)



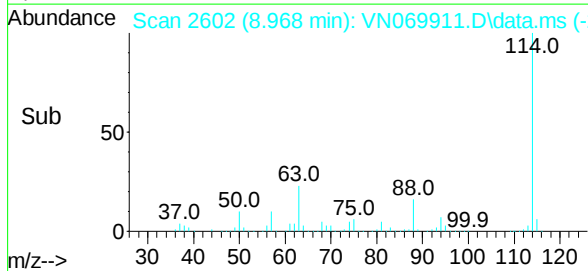
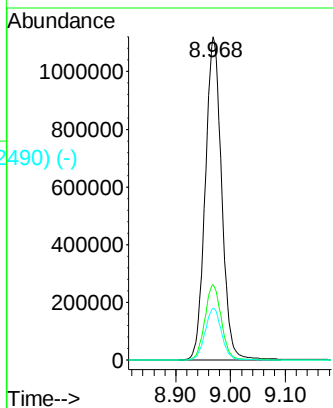
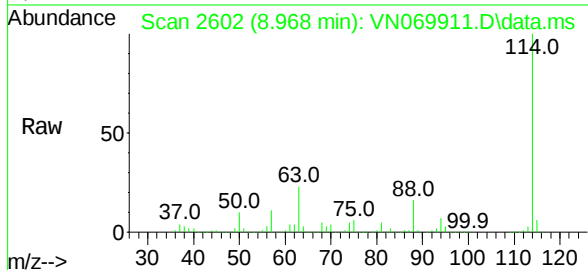
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
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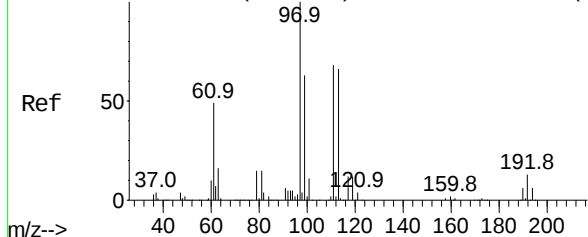
Tgt Ion:114 Resp: 232415
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.1 0.0 27.4

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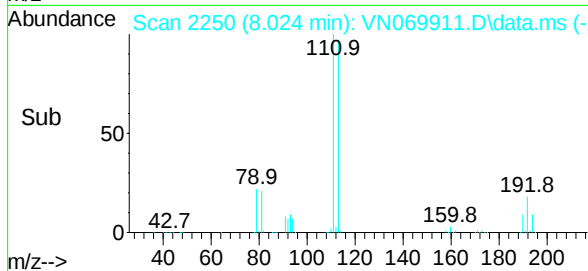
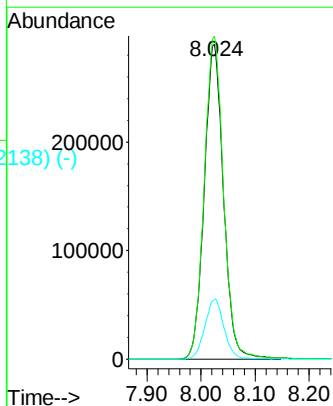
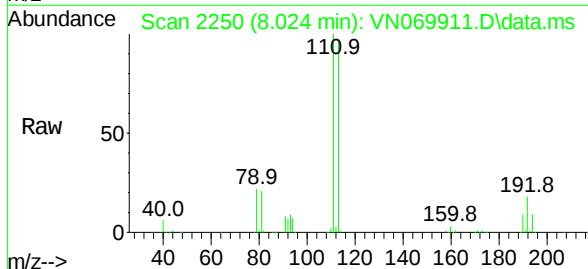


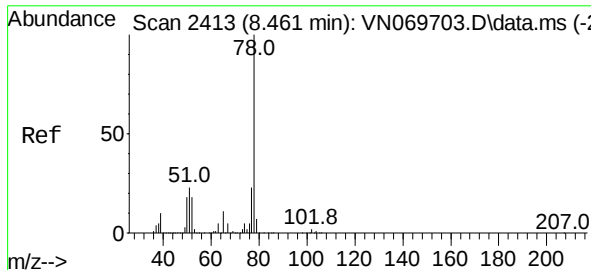
Abundance Scan 2250 (8.024 min): VN069703.D\data.ms (-2235) (-)



Dibromofluoromethane
Concen: 49.248 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion:113 Resp: 716955
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3





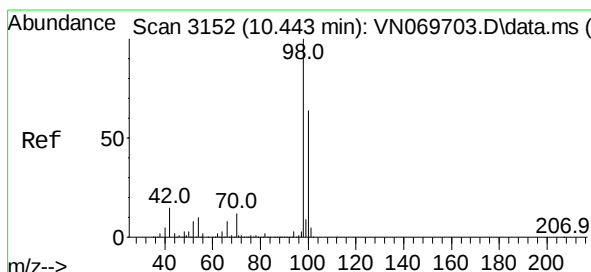
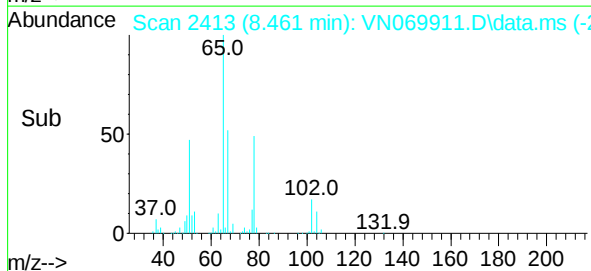
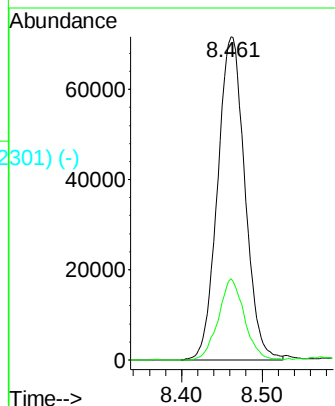
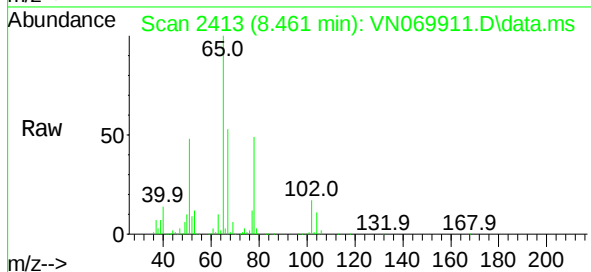
Benzene
Concen: 2.493 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
MSVOA_N
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Tgt Ion: 78 Resp: 16862
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8

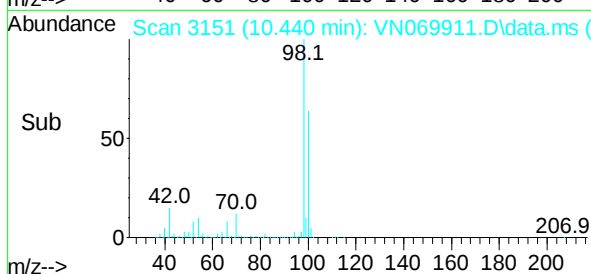
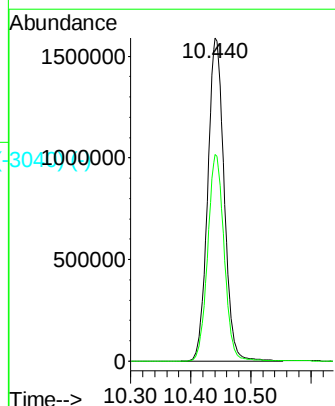
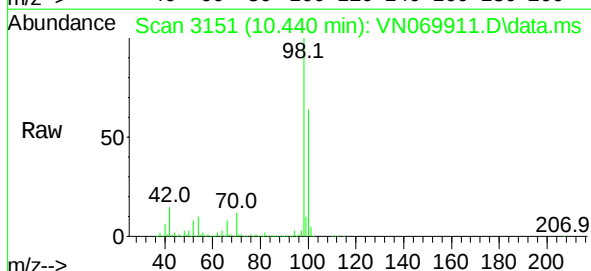
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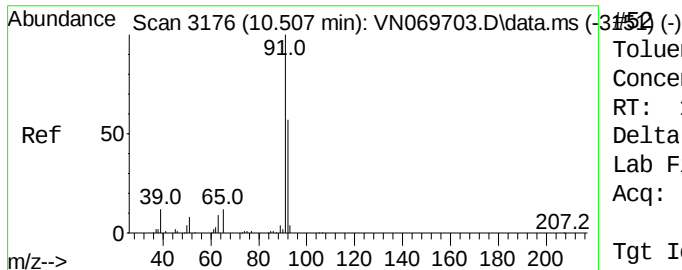
Reviewed By :John Carlone 12/10/2021
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Toluene-d8
Concen: 51.851 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion: 98 Resp: 3030977
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





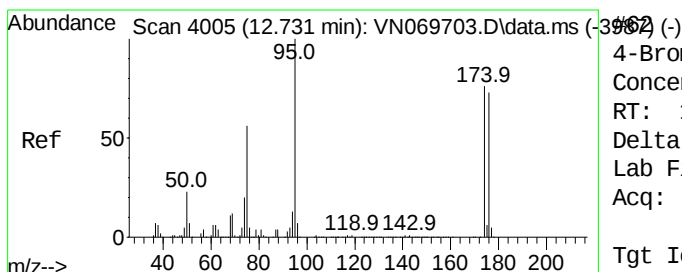
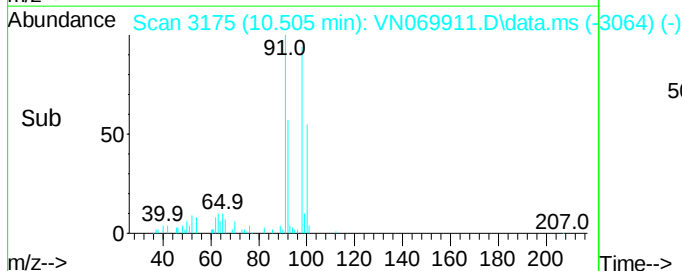
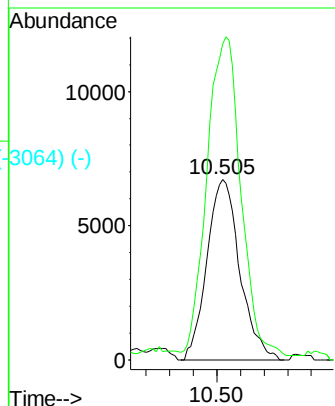
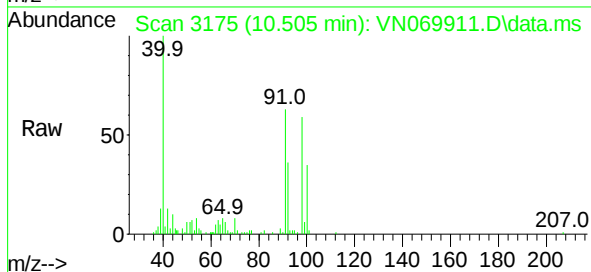
Toluene
Concen: 0.314 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
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Tgt Ion: 92 Resp: 1298
Ion Ratio Lower Upper
92 100
91 182.0 142.0 213.0

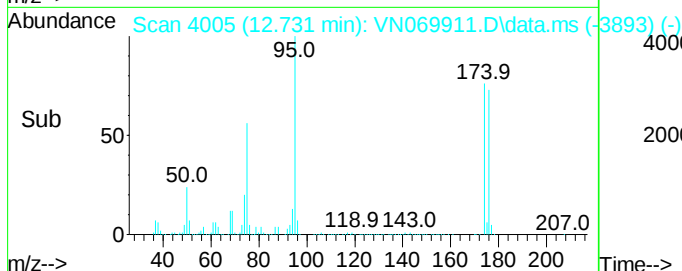
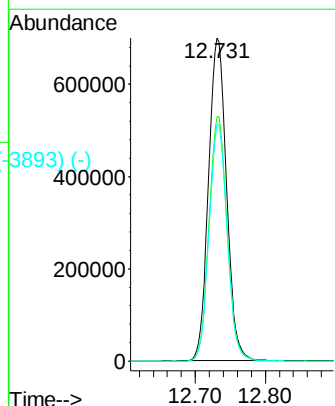
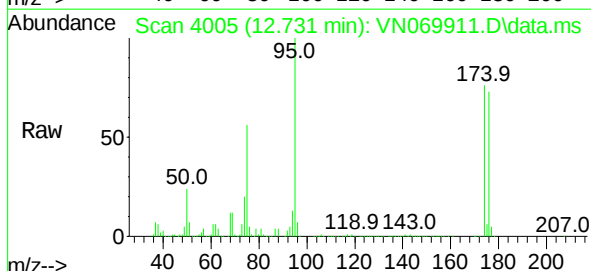
Manual Integrations
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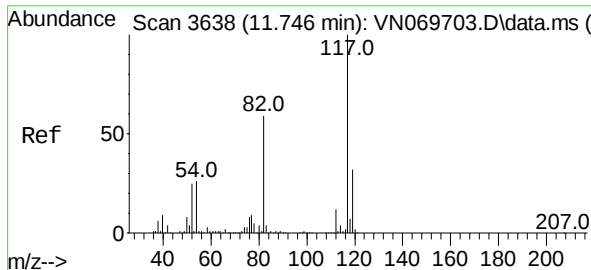
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4-Bromofluorobenzene
Concen: 58.696 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion: 95 Resp: 1243006
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.4 0.0 181.4





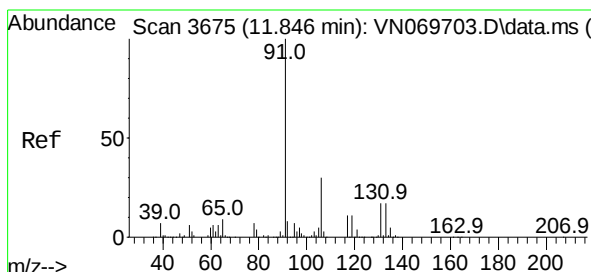
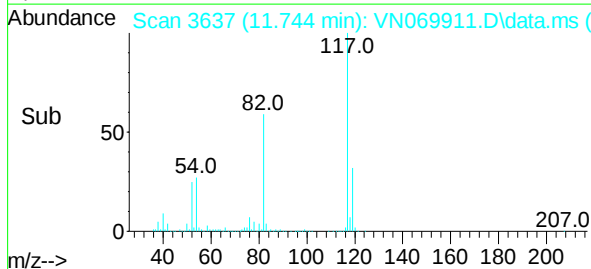
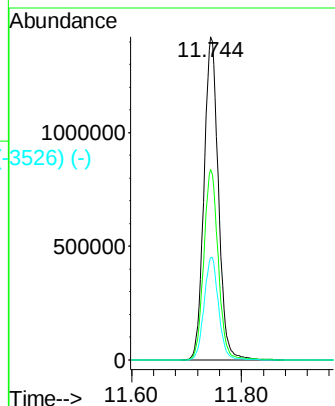
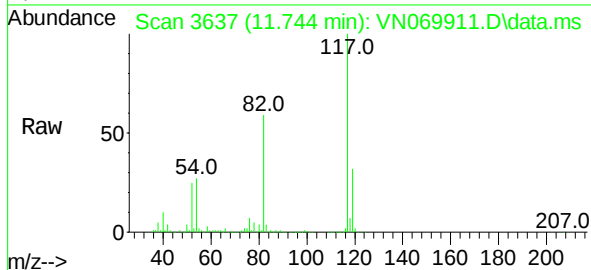
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

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Tgt Ion: 117 Resp: 258956
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 31.7 25.4 38.2

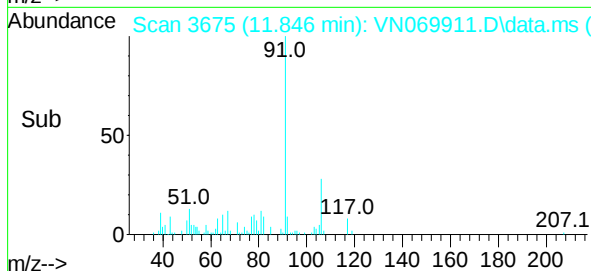
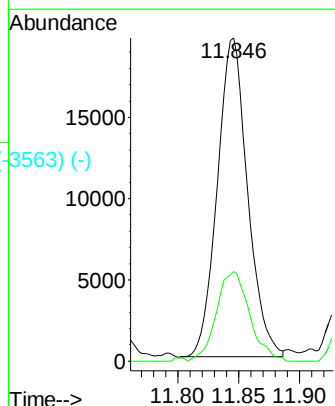
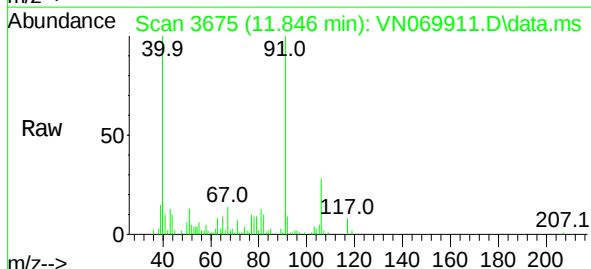
Manual Integrations
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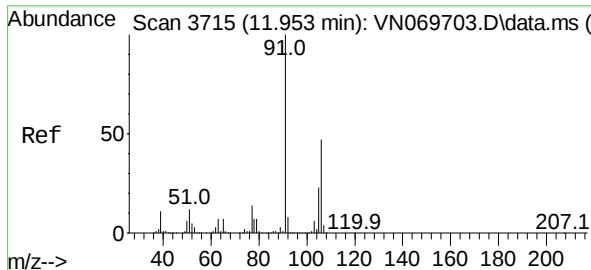
Reviewed By : John Carlone 12/10/2021
Supervised By : Mahesh Dadoda 12/15/2021



Ethyl Benzene
Concen: 0.355 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion: 91 Resp: 33890
Ion Ratio Lower Upper
91 100
106 27.1 25.7 38.5





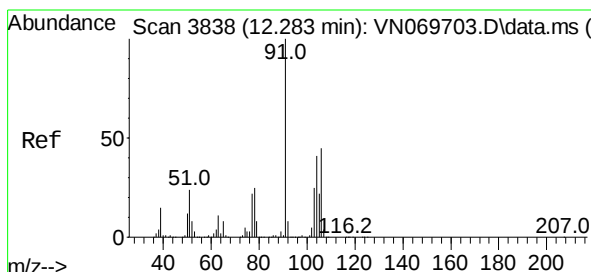
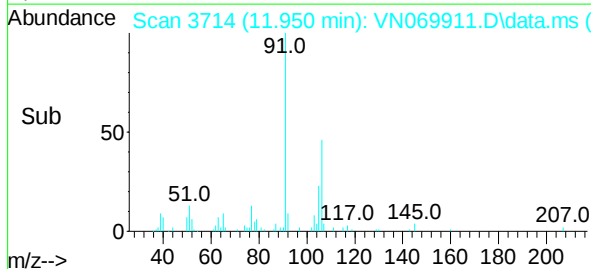
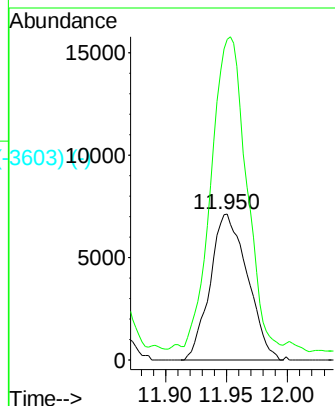
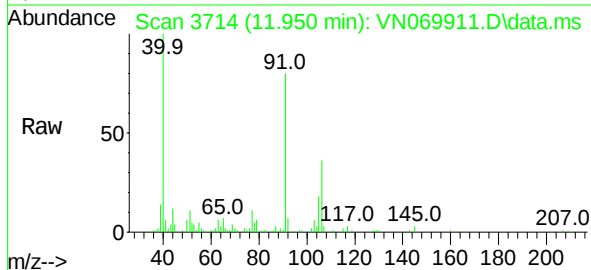
m/p-Xylenes
Concen: 0.434 ug/l
RT: 11.950 min Scan# 3658
Delta R.T. -0.002 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
MSVOA_N
Client Sample Id :
MW-11

Tgt Ion:106 Resp: 1507
Ion Ratio Lower Upper
106 100
91 197.6 160.6 240.8

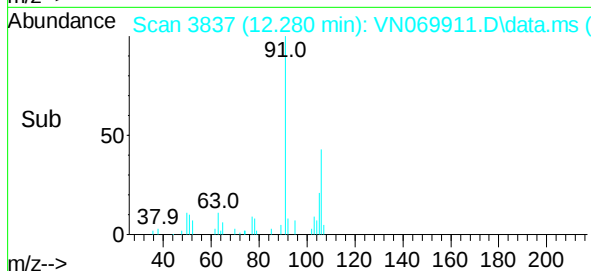
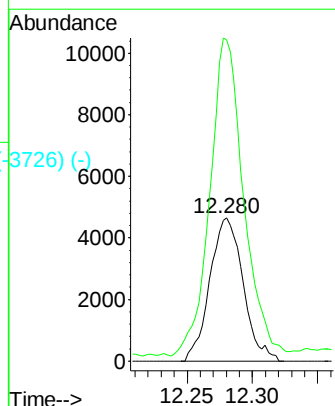
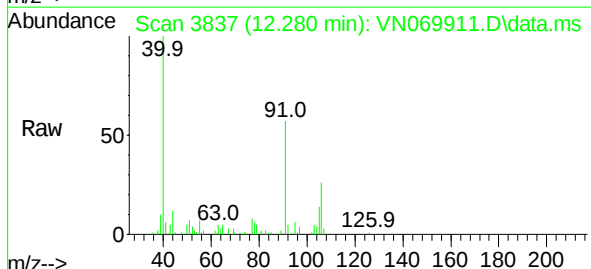
Manual Integrations
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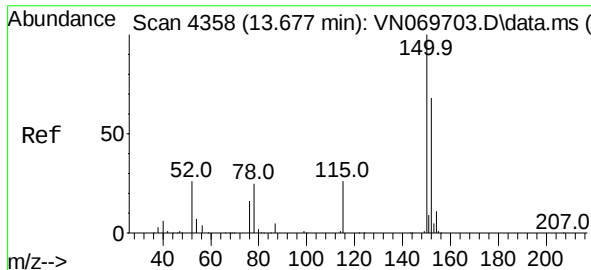
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



o-Xylene
Concen: 0.235 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion:106 Resp: 8221
Ion Ratio Lower Upper
106 100
91 224.8 105.8 317.3





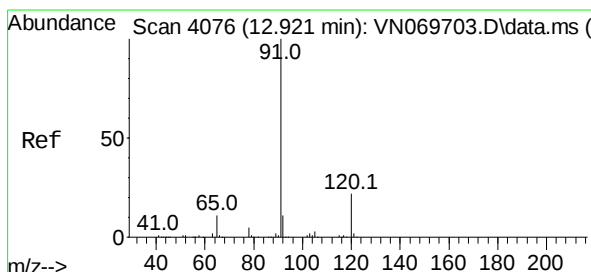
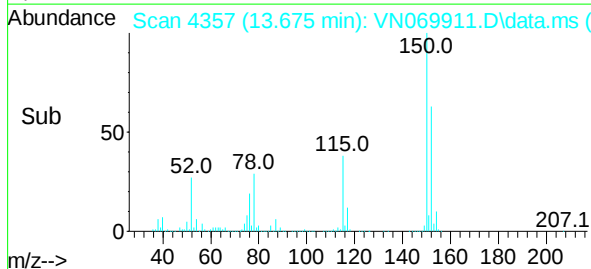
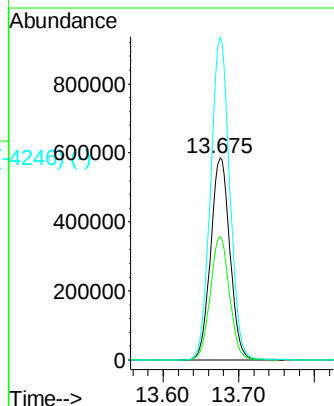
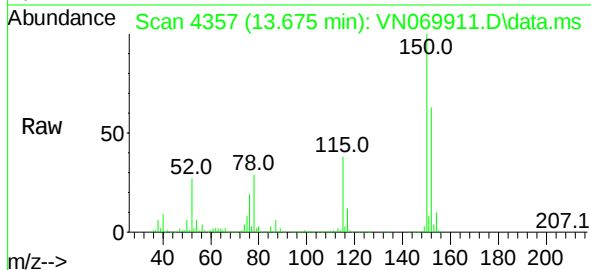
1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4358
 Delta R.T. -0.002 min
 Lab File: VN069911.D
 Acq: 9 Dec 2021 15:04

Instrument :
 MSVOA_N
 Client Sample Id :
 MW-11

Tgt Ion: 152 Resp: 103168
 Ion Ratio Lower Upper
 152 100
 115 60.5 27.5 82.5
 150 158.4 0.0 344.4

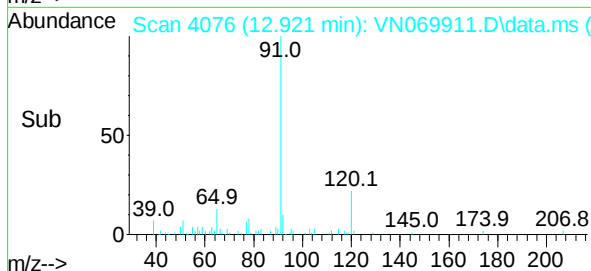
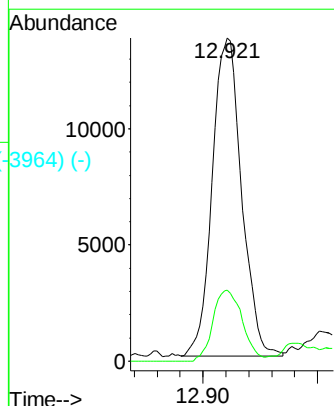
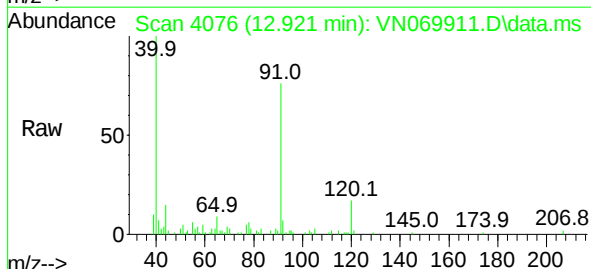
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Reviewed By : John Carlone 12/10/2021
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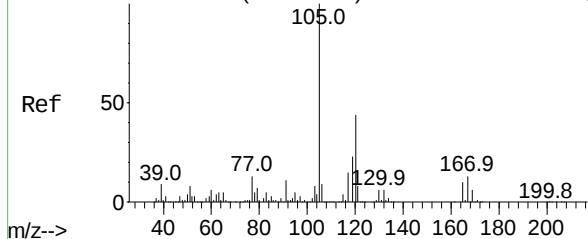


n-propylbenzene
 Concen: 0.239 ug/l
 RT: 12.921 min Scan# 4076
 Delta R.T. 0.000 min
 Lab File: VN069911.D
 Acq: 9 Dec 2021 15:04

Tgt Ion: 91 Resp: 24362
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.9 35.9



Abundance Scan 4243 (13.369 min): VN069703.D\data.ms (-4131) (-)



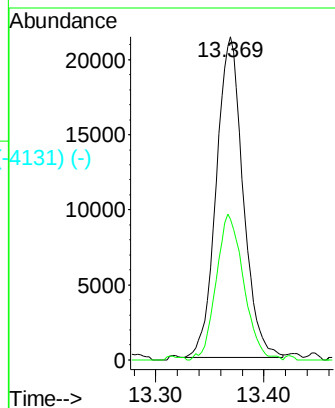
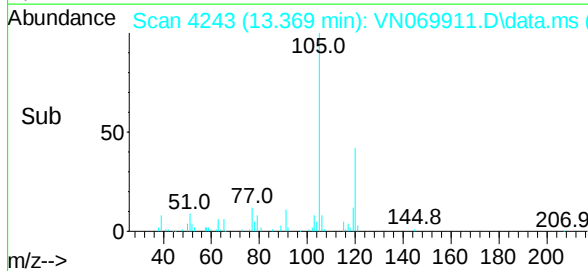
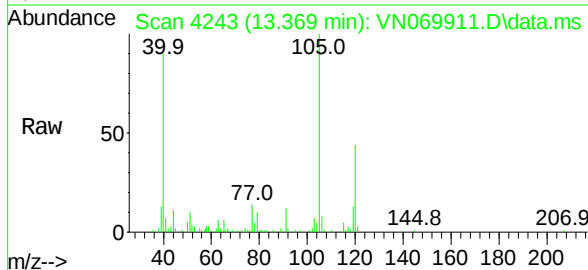
1,2,4-Trimethylbenzene
Concen: 0.525 ug/l
RT: 13.369 min Scan# 4131
Delta R.T. 0.000 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Instrument :
MSVOA_N
Client SampleId :
MW-11

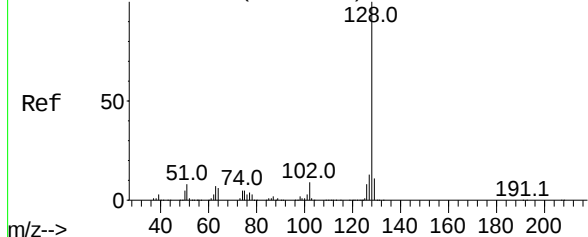
Tgt Ion:105 Resp: 3697
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



Abundance Scan 5040 (15.507 min): VN069703.D\data.ms (-5095) (-)



Naphthalene
Concen: 4.950 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069911.D
Acq: 9 Dec 2021 15:04

Tgt Ion:128 Resp: 52837
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.7 8.7 13.1

