

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069537.D
 Acq On : 17 Nov 2021 18:19
 Operator : JC/MD
 Sample : M4730-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33520-21

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:12:17 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	1357080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2375683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2342120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	880206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1001876	50.916	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.840%			
35) Dibromofluoromethane	8.024	113	691131	48.506	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.020%			
50) Toluene-d8	10.443	98	3040639	54.260	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.734	95	1045111	50.767	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.540%			
Target Compounds					Qvalue	
52) Toluene	10.505	92	84347	2.194	ug/l	99
59) 2-Hexanone	11.092	43	15335	8.569	ug/l	63
68) m/p-Xylenes	11.950	106	87575	2.962	ug/l	93
69) o-Xylene	12.283	106	48415	1.642	ug/l	95
70) Styrene	12.283	104	3572m	1.586	ug/l	
84) 1,2,4-Trimethylbenzene	13.369	105	129178	2.362	ug/l	97
95) Naphthalene	15.507	128	15202	4.806	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.700	180	1945	3.307	ug/l	88

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

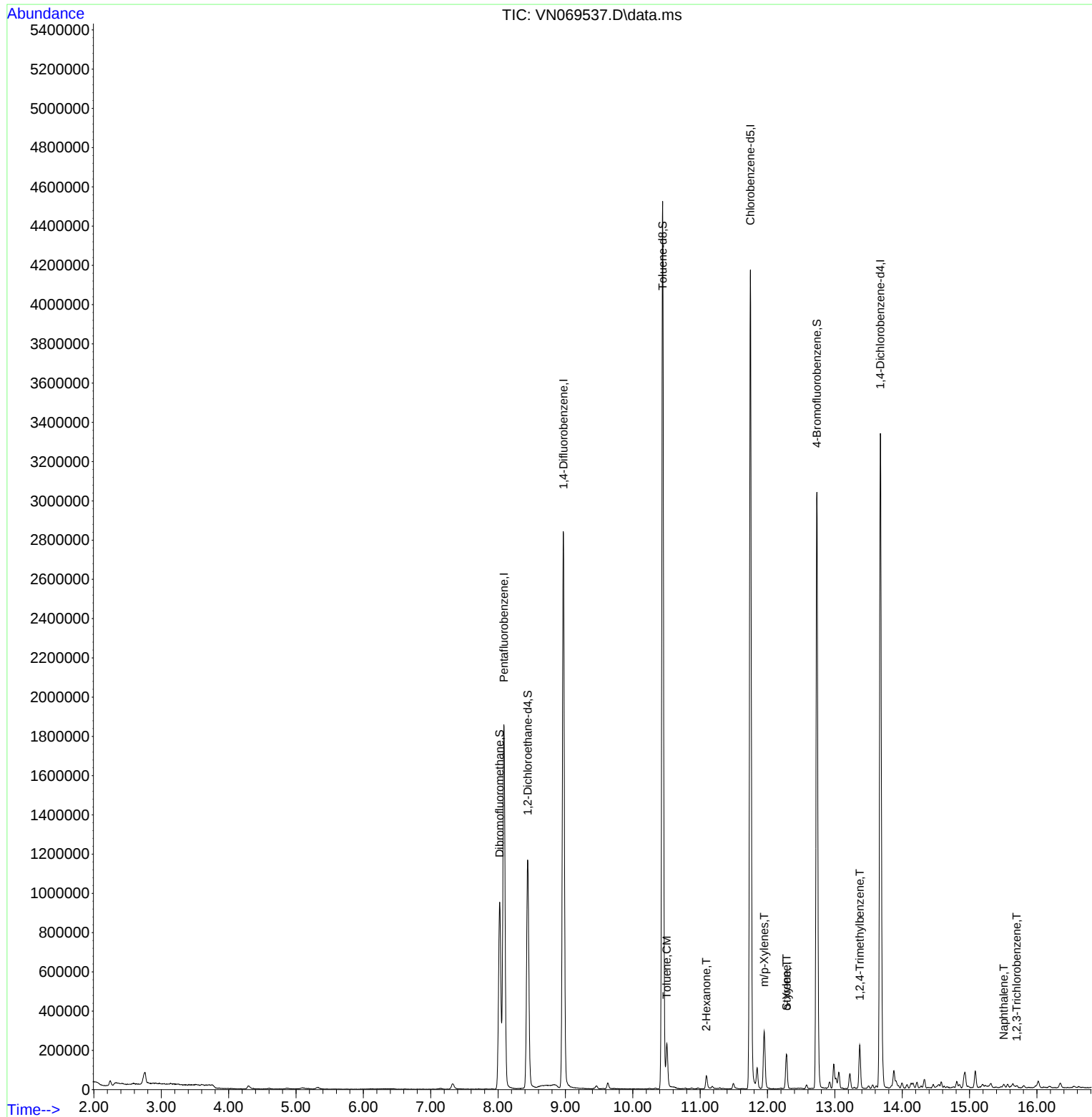
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
Data File : VN069537.D
Acq On : 17 Nov 2021 18:19
Operator : JC/MD
Sample : M4730-03 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

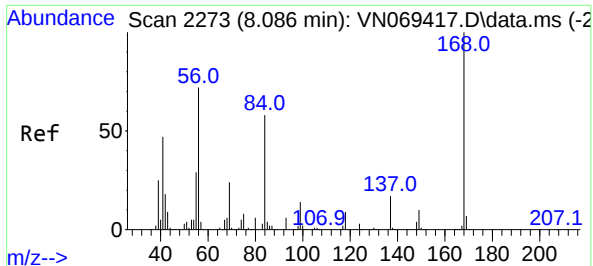
Instrument :
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33520-21

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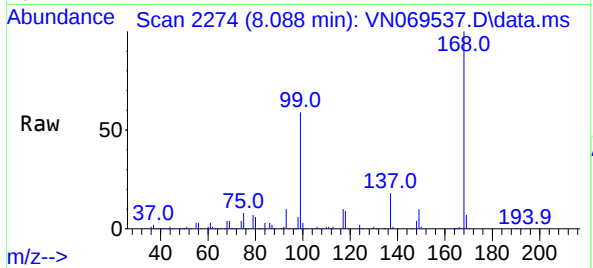
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

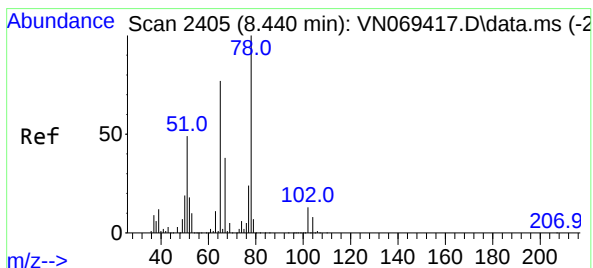
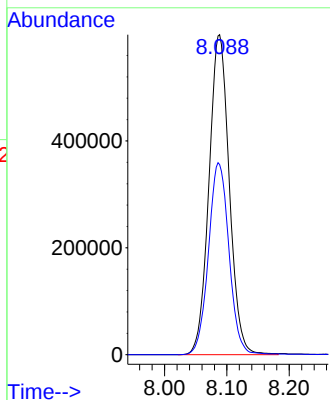
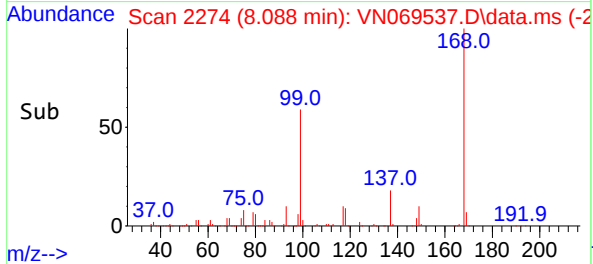
Instrument :
MSVOA_N
ClientSampleId :
33520-21



Tgt Ion:168 Resp: 1357080
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

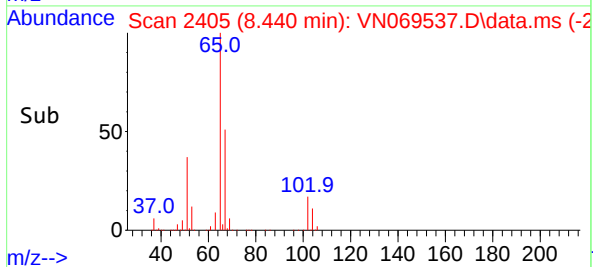
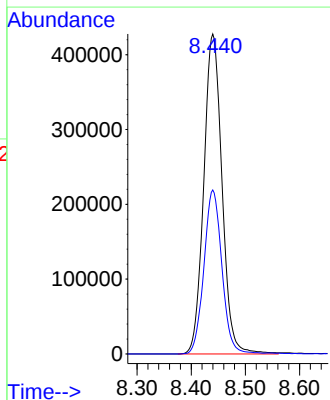
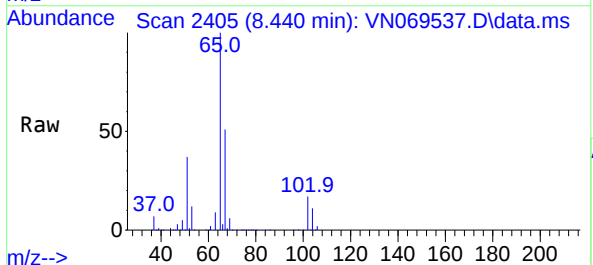
Manual Integrations
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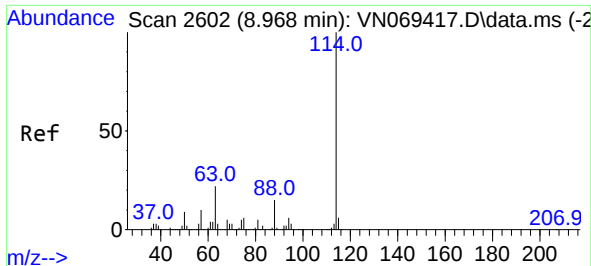
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#33
1,2-Dichloroethane-d4
Concen: 50.916 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

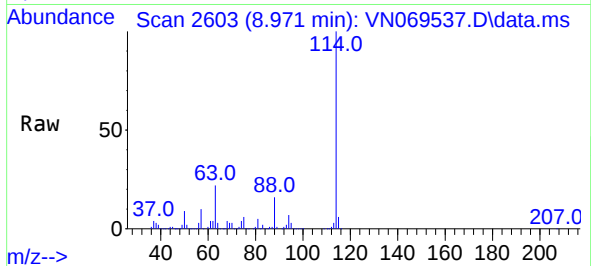
Tgt Ion: 65 Resp: 1001876
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

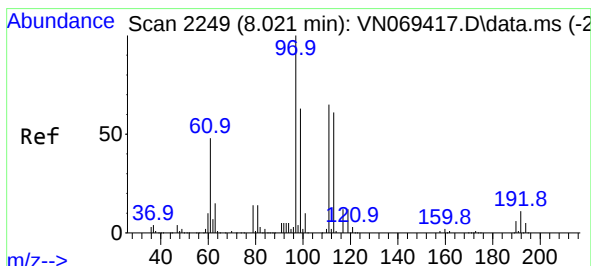
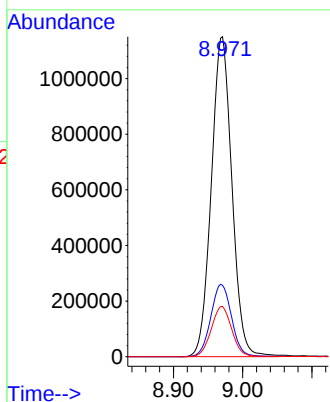
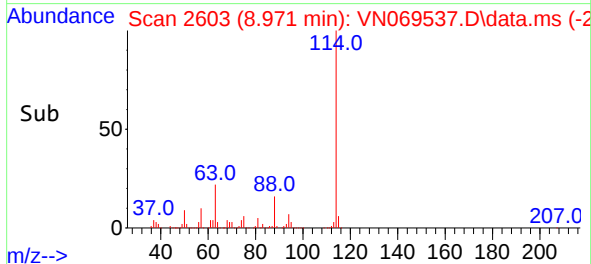
Instrument :
MSVOA_N
ClientSampleId :
33520-21



Tgt Ion:114 Resp: 237568
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 15.7 0.0 27.4

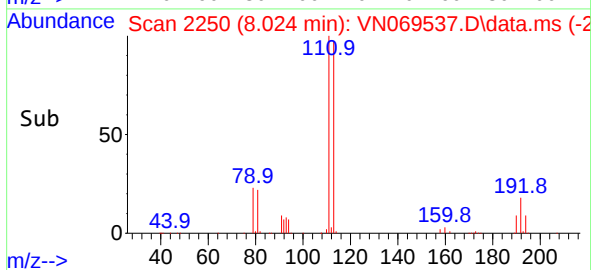
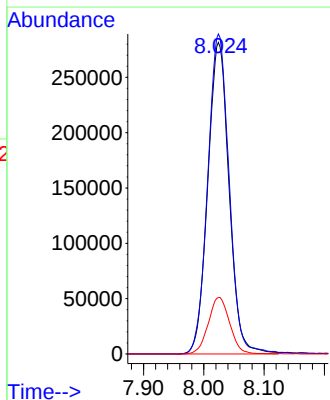
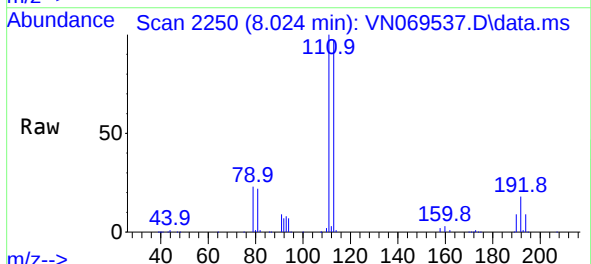
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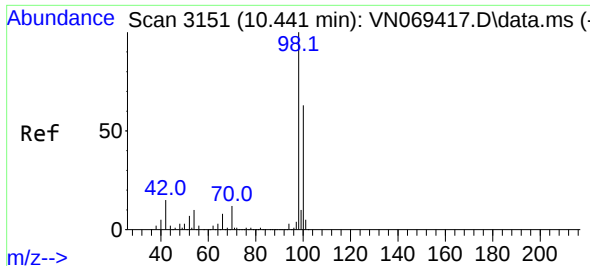
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#35
Dibromofluoromethane
Concen: 48.506 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

Tgt Ion:113 Resp: 691131
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.3 16.9 25.3





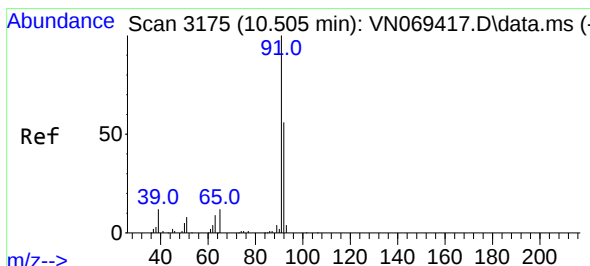
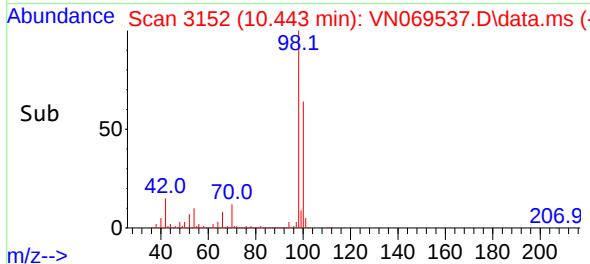
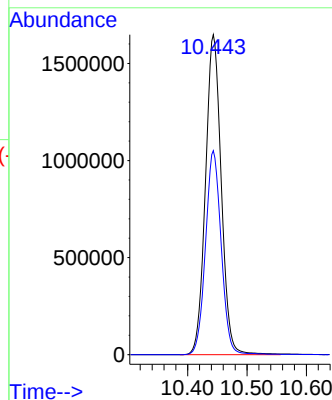
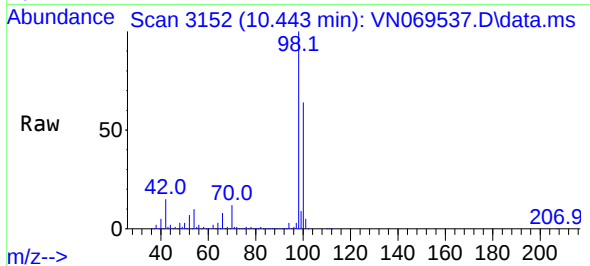
#50
Toluene-d8
Concen: 54.260 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

Instrument :
MSVOA_N
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Tgt Ion: 98 Resp: 3040639
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6

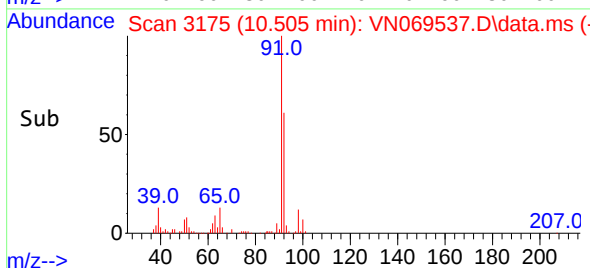
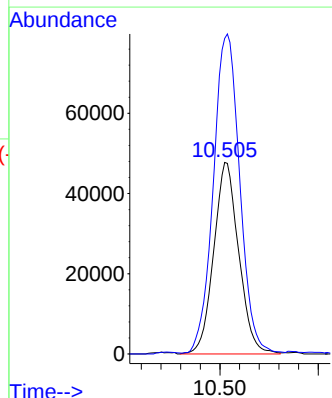
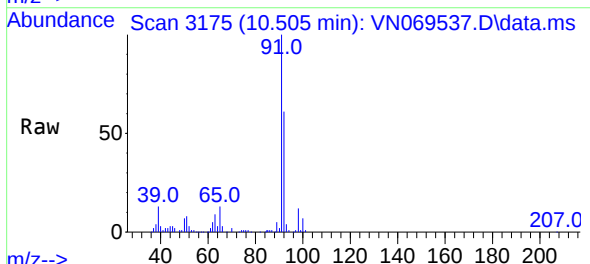
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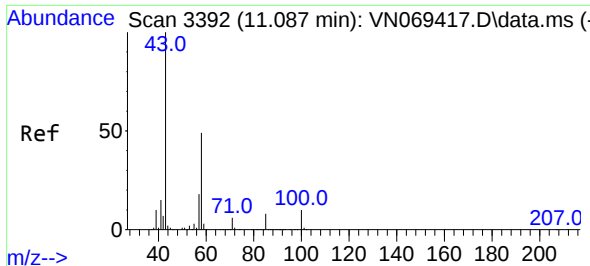
Reviewed By :John Carlone 11/18/2021
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#52
Toluene
Concen: 2.194 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

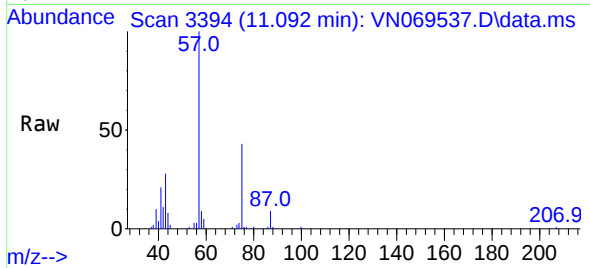
Tgt Ion: 92 Resp: 84347
Ion Ratio Lower Upper
92 100
91 175.8 142.0 213.0





#59
2-Hexanone
Concen: 8.569 ug/l
RT: 11.092 min Scan# 3392
Delta R.T. 0.005 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

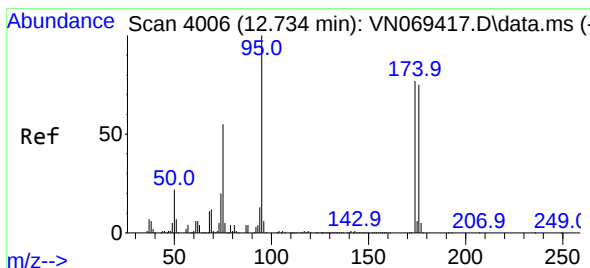
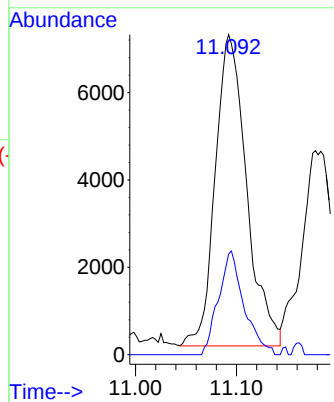
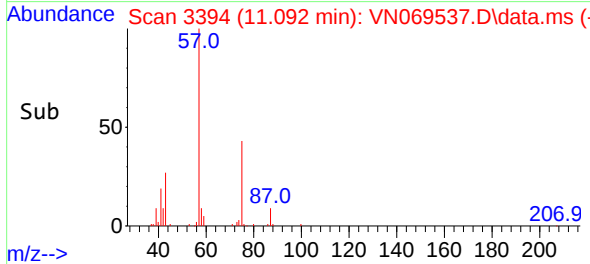
Instrument :
MSVOA_N
ClientSampleId :
33520-21



Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 27.1 26.9 80.7

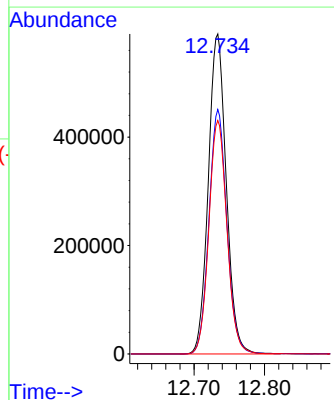
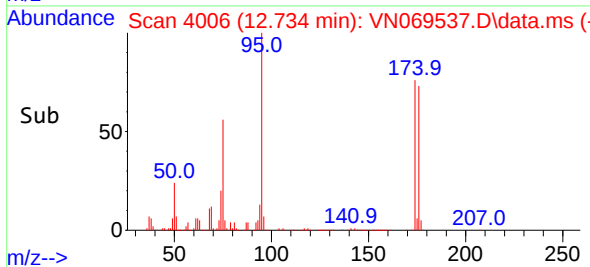
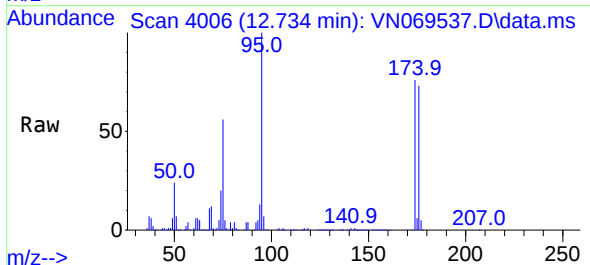
Manual Integrations
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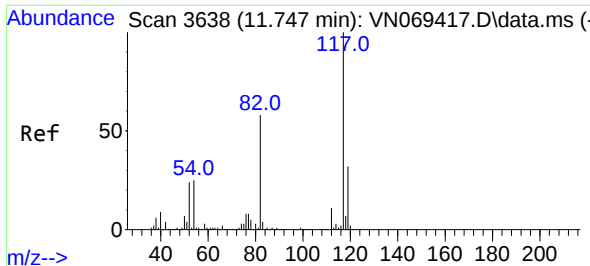
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 50.767 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

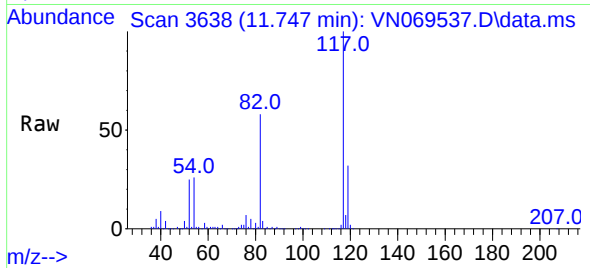
Tgt Ion: 95 Resp: 1045111
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

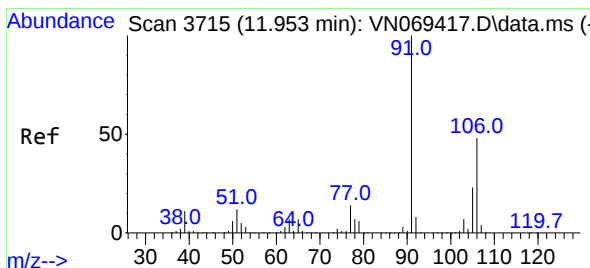
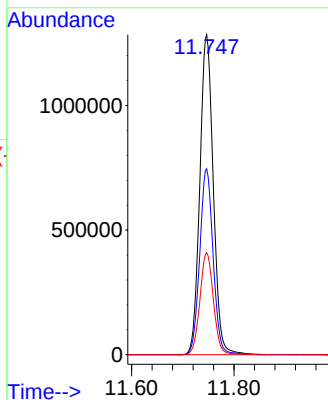
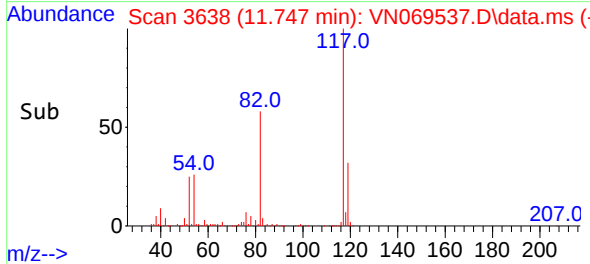
Instrument :
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33520-21



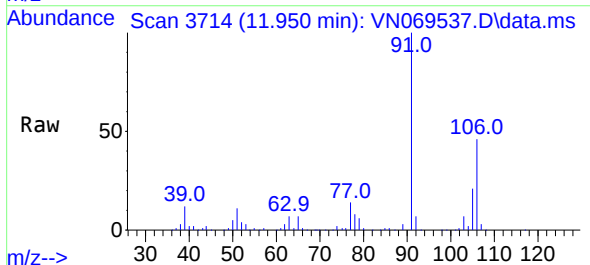
Tgt Ion:117 Resp: 2342120
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
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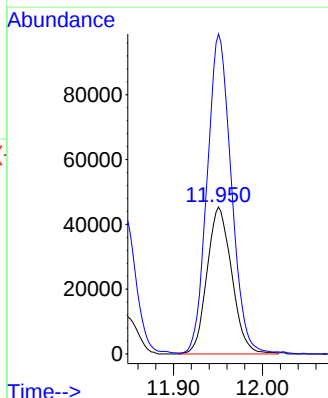
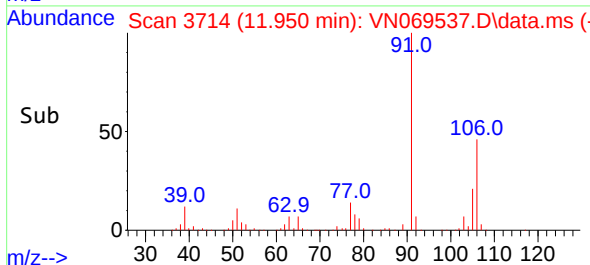
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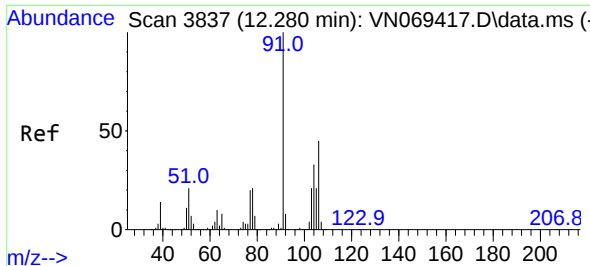


#68
m/p-Xylenes
Concen: 2.962 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19



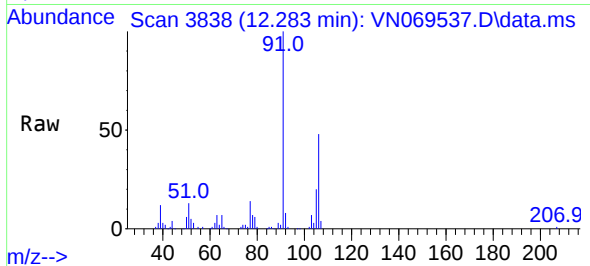
Tgt Ion:106 Resp: 87575
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8





#69
o-Xylene
Concen: 1.642 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

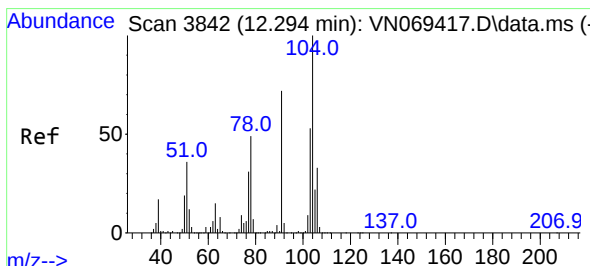
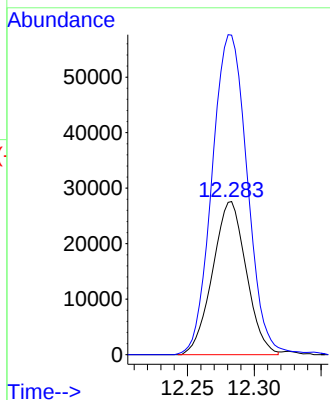
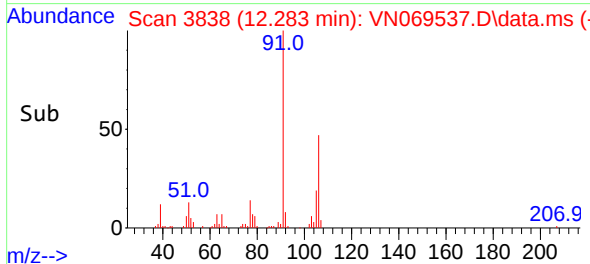
Instrument :
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33520-21



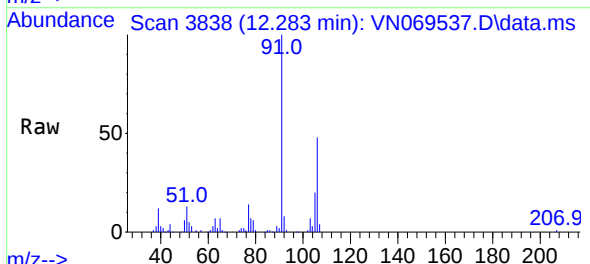
Tgt Ion:106 Resp: 4841
Ion Ratio Lower Upper
106 100
91 218.9 105.8 317.3

Manual Integrations
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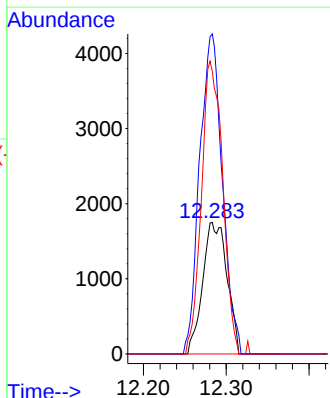
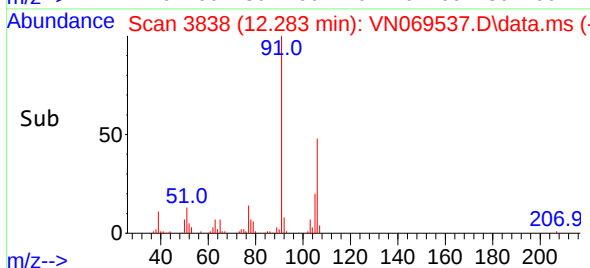
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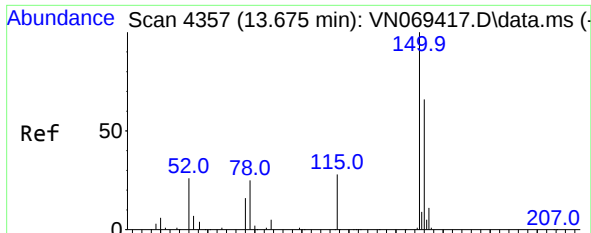


#70
Styrene
Concen: 1.586 ug/l m
RT: 12.283 min Scan# 3838
Delta R.T. -0.011 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19



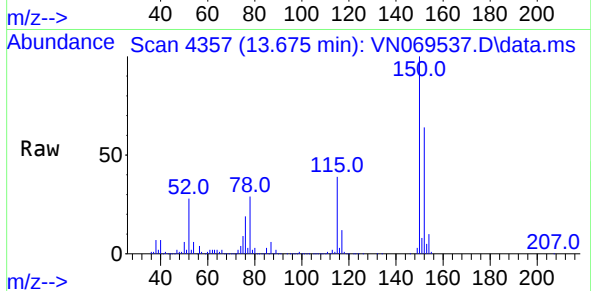
Tgt Ion:104 Resp: 3572
Ion Ratio Lower Upper
104 100
78 226.5 38.7 58.1#
103 194.7 45.0 67.6#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

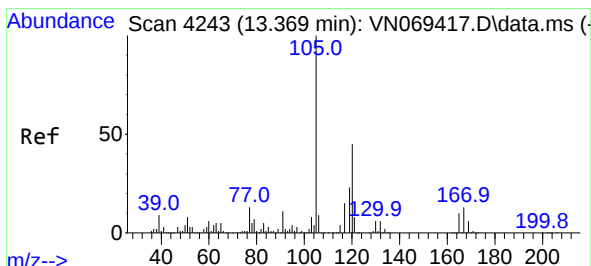
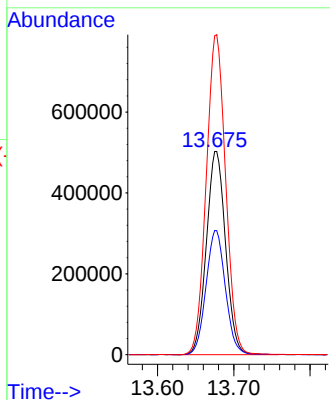
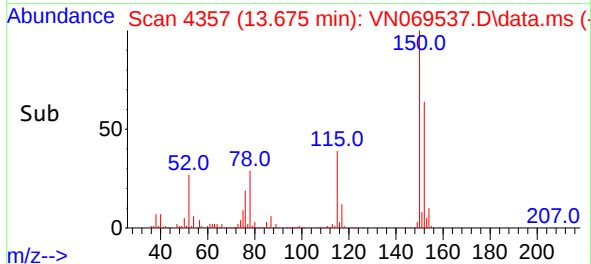
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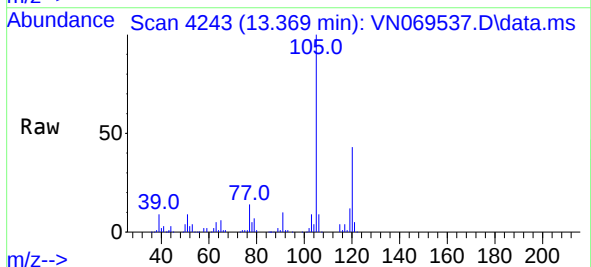
Tgt Ion:152 Resp: 880200
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 158.8 0.0 344.4

Manual Integrations
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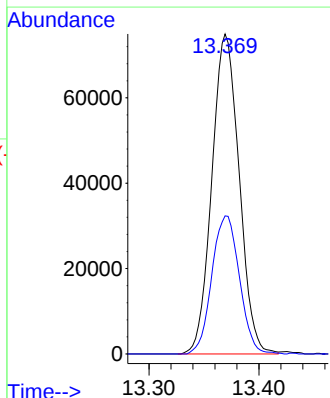
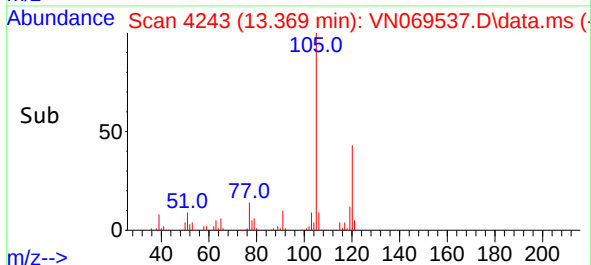
Reviewed By :John Carlone 11/18/2021
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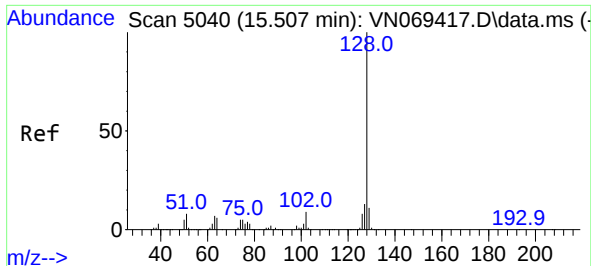


#84
1,2,4-Trimethylbenzene
Concen: 2.362 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19



Tgt Ion:105 Resp: 129178
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





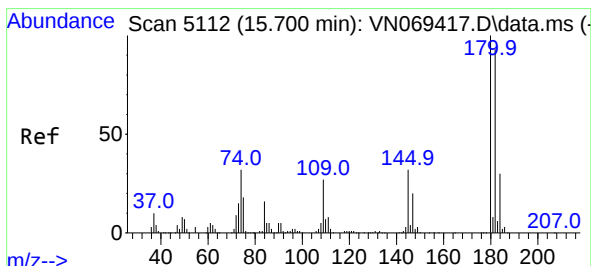
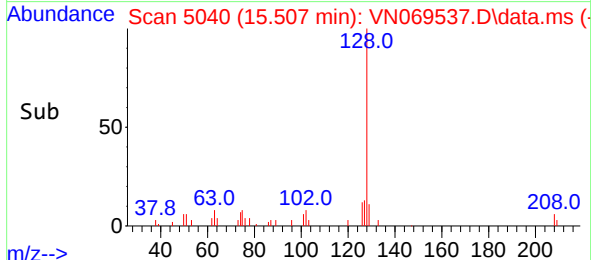
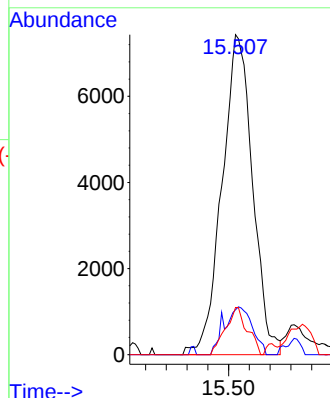
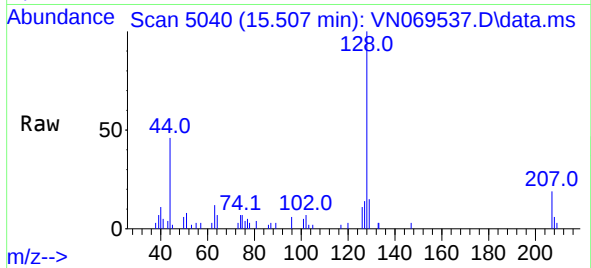
#95
Naphthalene
Concen: 4.806 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
33520-21

Tgt Ion:128 Resp: 1520
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 3.307 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069537.D
Acq: 17 Nov 2021 18:19

Tgt Ion:180 Resp: 1945
Ion Ratio Lower Upper
180 100
182 102.1 47.4 142.2
145 44.0 15.0 45.1

