

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070017.D
 Acq On : 11 Dec 2021 19:02
 Operator : JC/MD
 Sample : M4873-01 20X
 Misc : 5.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-2-6.5

Quant Time: Dec 12 16:25:41 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1116566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2098134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2450813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1041171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	862445	50.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.06%			
35) Dibromofluoromethane	8.024	113	632426	48.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.24%			
50) Toluene-d8	10.443	98	2798799	53.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.08%			
62) 4-Bromofluorobenzene	12.734	95	1222406	63.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 127.88%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.846	91	251932	2.79	ug/l	93
68) m/p-Xylenes	11.956	106	143530	4.36	ug/l	87
78) n-propylbenzene	12.924	91	130509	1.27	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	149307	2.00	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	663761m	9.35	ug/l	
95) Naphthalene	15.509	128	166098	6.99	ug/l	99

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

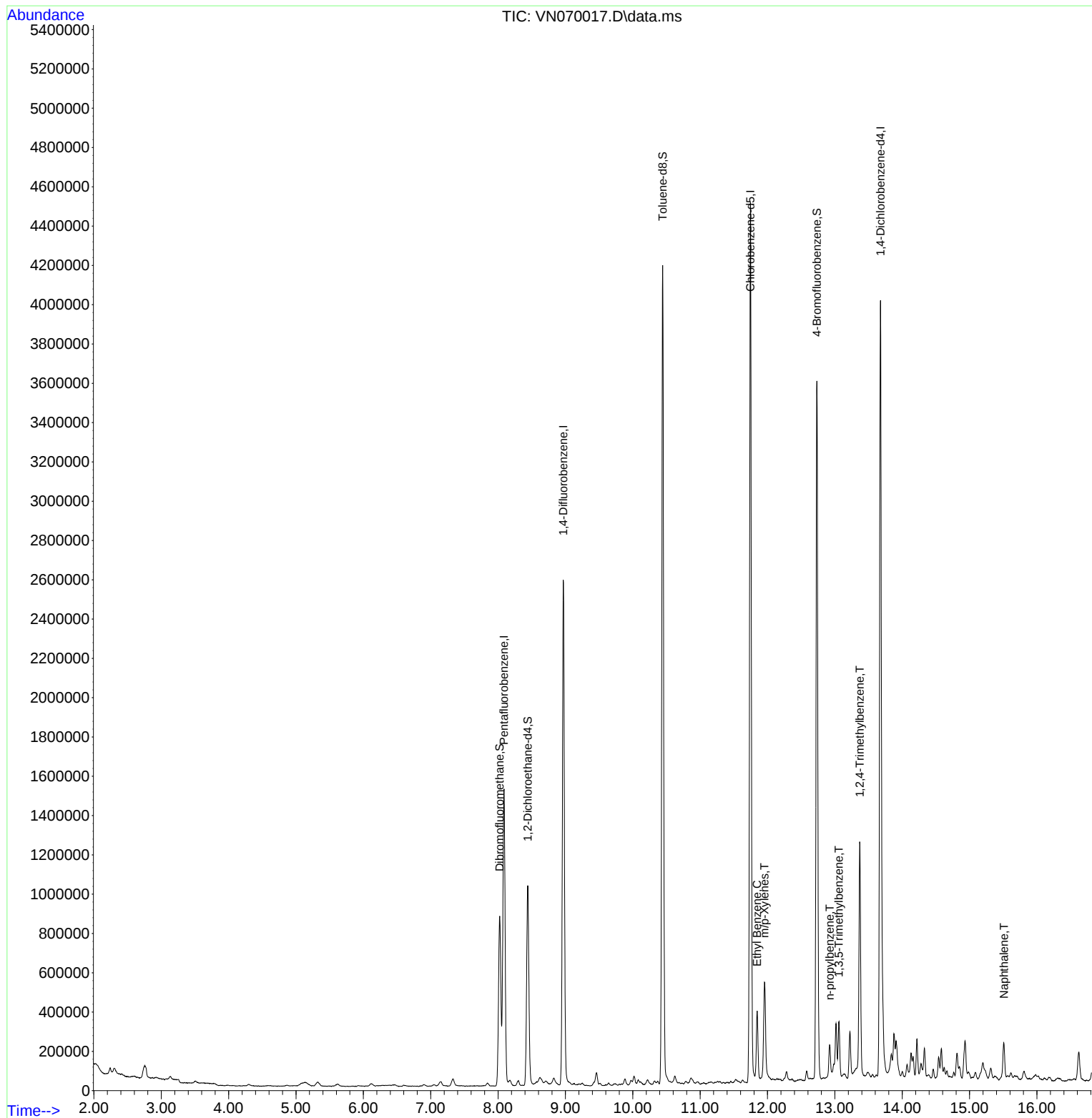
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070017.D
Acq On : 11 Dec 2021 19:02
Operator : JC/MD
Sample : M4873-01 20X
Misc : 5.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

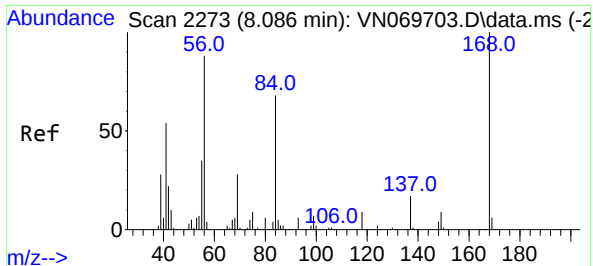
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5

Quant Time: Dec 12 16:25:41 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

Manual Integrations
APPROVED

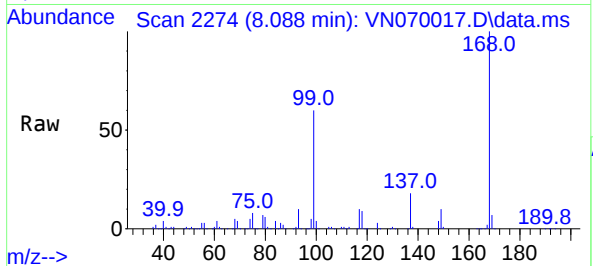
Reviewed By : John Carlone 12/13/2021
Supervised By : Mahesh Dadoda 12/15/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

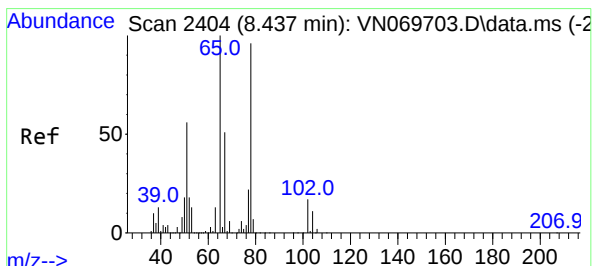
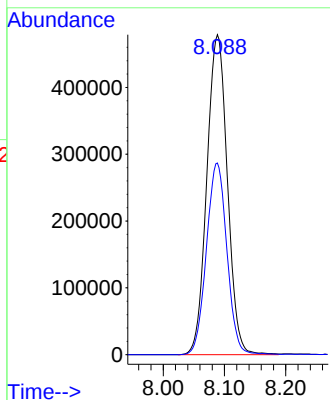
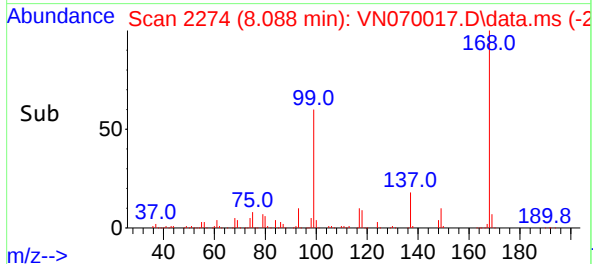
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5



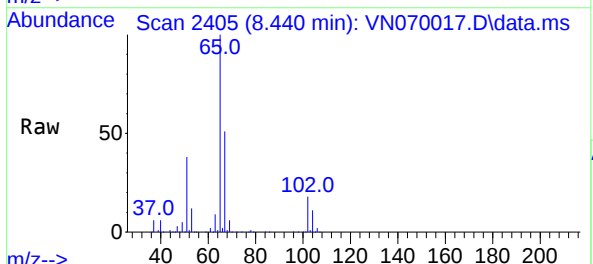
Tgt Ion:168 Resp: 111656
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

Manual Integrations
APPROVED

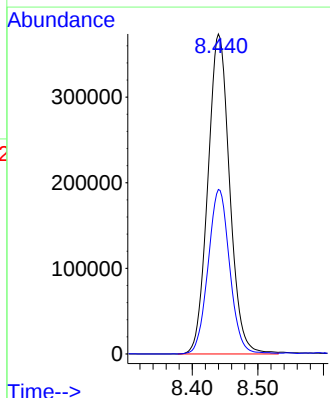
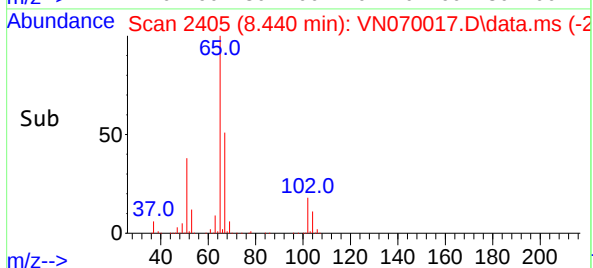
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

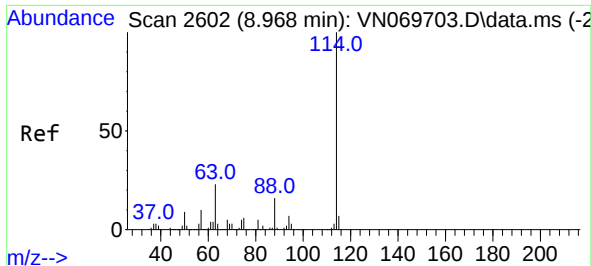


#33
1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02



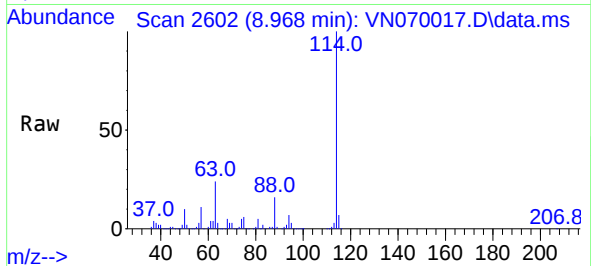
Tgt Ion: 65 Resp: 862445
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2098134
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

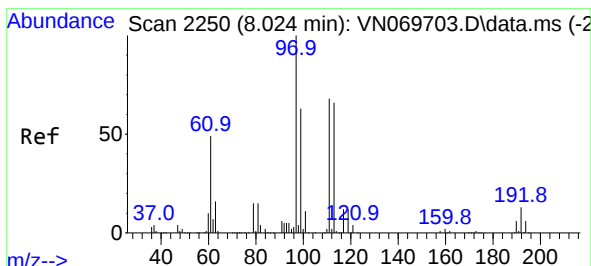
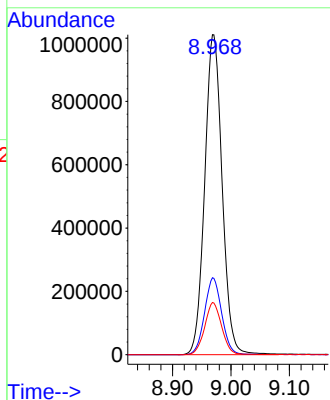
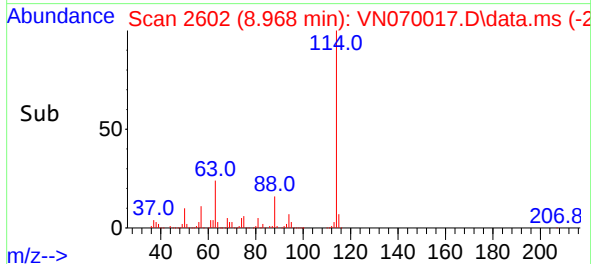
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5



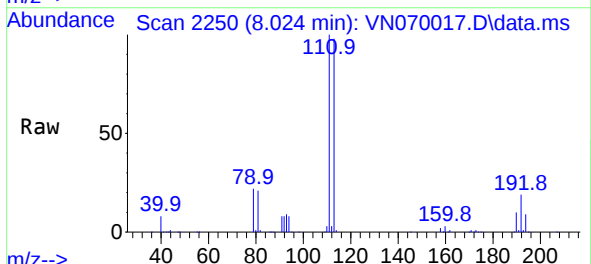
Tgt Ion:114 Resp: 2098134
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.3 0.0 27.4

Manual Integrations
APPROVED

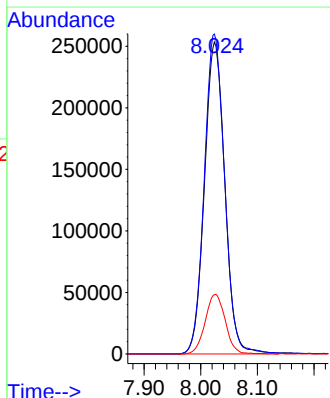
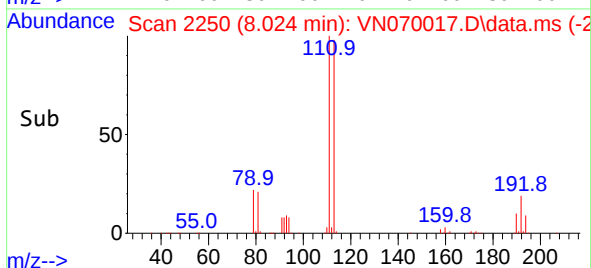
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

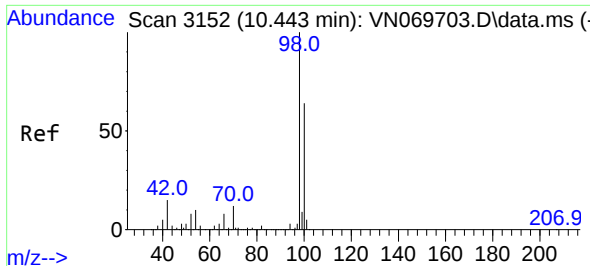


#35
Dibromofluoromethane
Concen: 48.12 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02



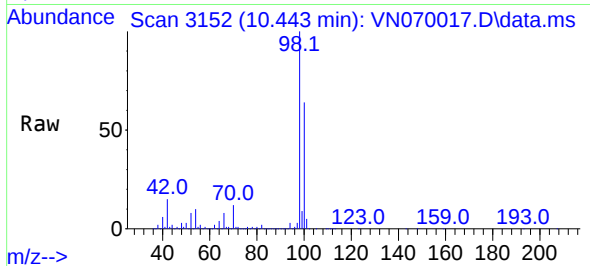
Tgt Ion:113 Resp: 632426
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.8 16.9 25.3





#50
Toluene-d8
Concen: 53.04 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

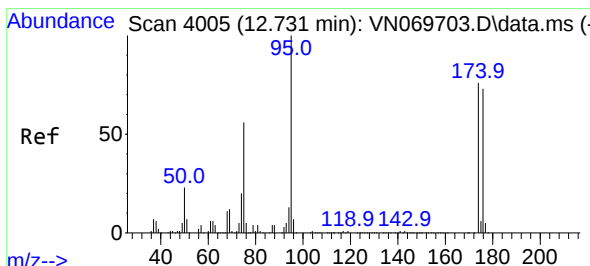
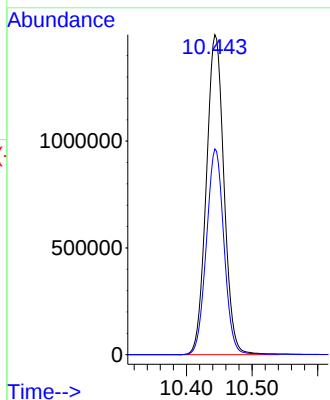
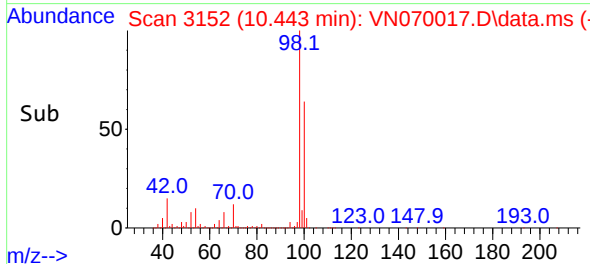
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5



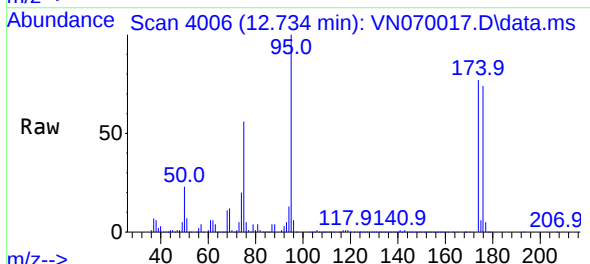
Tgt Ion: 98 Resp: 2798799
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

Manual Integrations
APPROVED

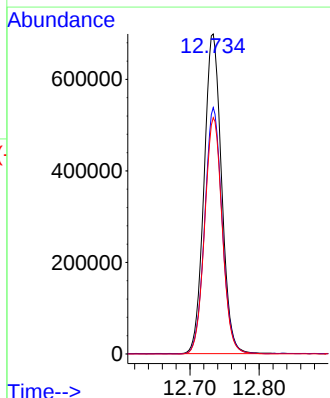
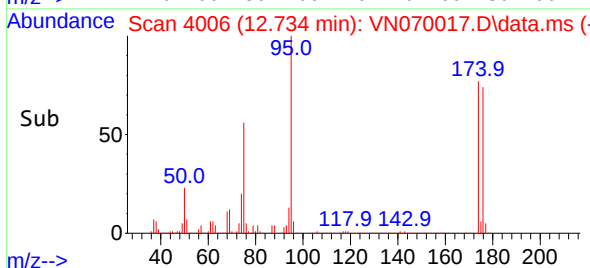
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

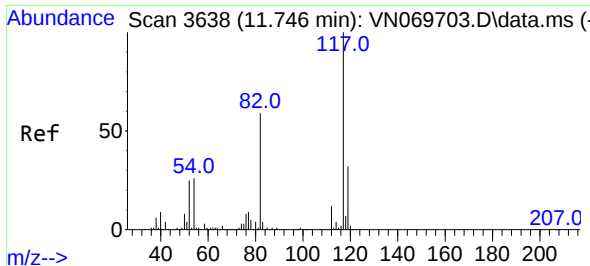


#62
4-Bromofluorobenzene
Concen: 63.94 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02



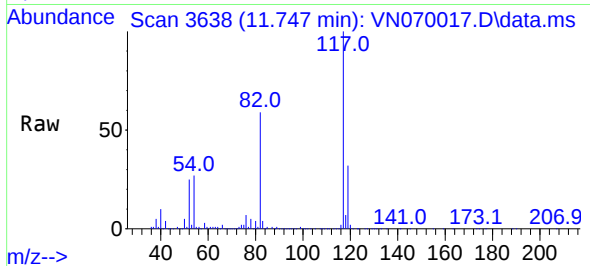
Tgt Ion: 95 Resp: 1222406
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

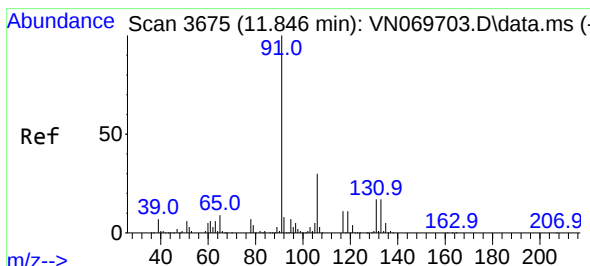
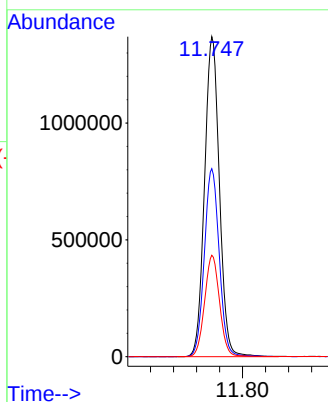
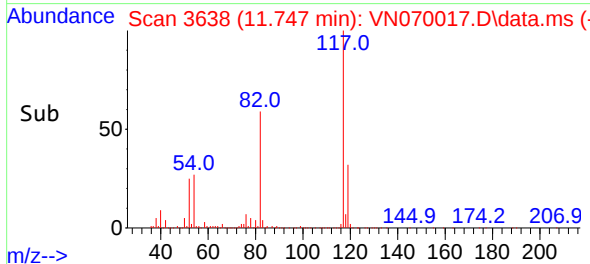
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5



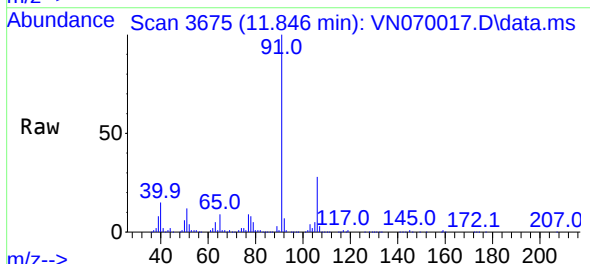
Tgt Ion: 117 Resp: 2450811
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.7 25.4 38.2

Manual Integrations
APPROVED

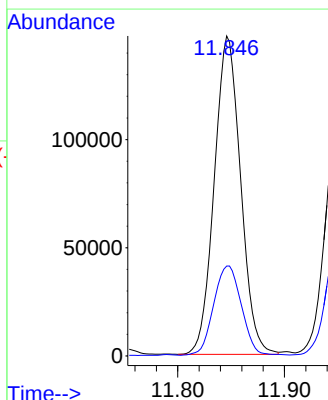
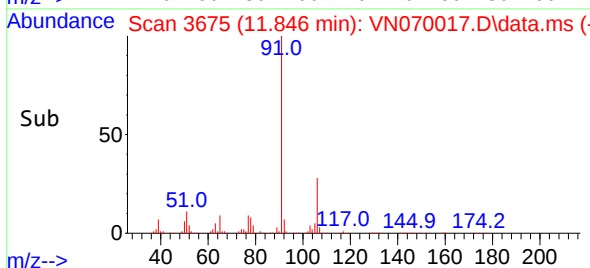
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

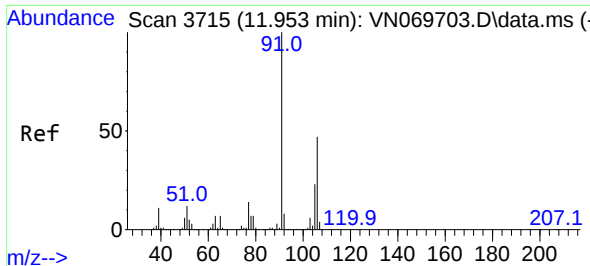


#67
Ethyl Benzene
Concen: 2.79 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02



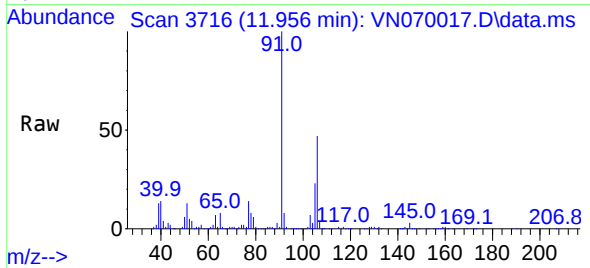
Tgt Ion: 91 Resp: 251932
Ion Ratio Lower Upper
91 100
106 28.0 25.7 38.5





#68
m/p-Xylenes
Concen: 4.36 ug/l
RT: 11.956 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

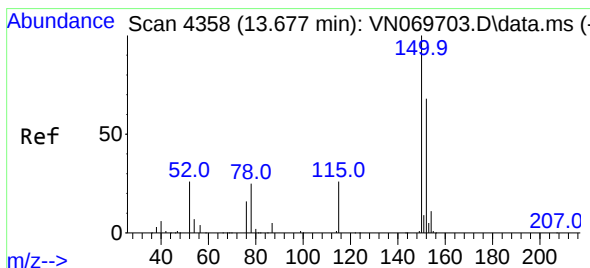
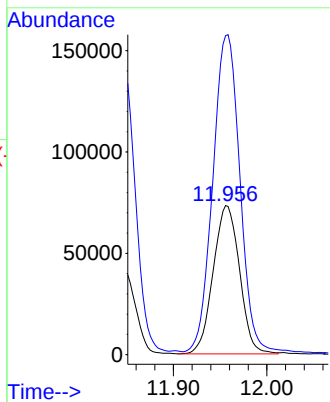
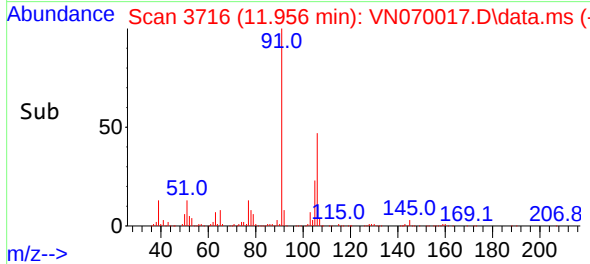
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5



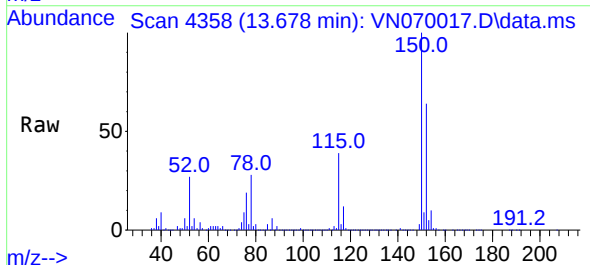
Tgt Ion:106 Resp: 143530
Ion Ratio Lower Upper
106 100
91 220.6 160.6 240.8

Manual Integrations
APPROVED

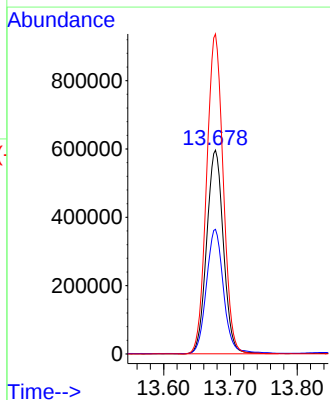
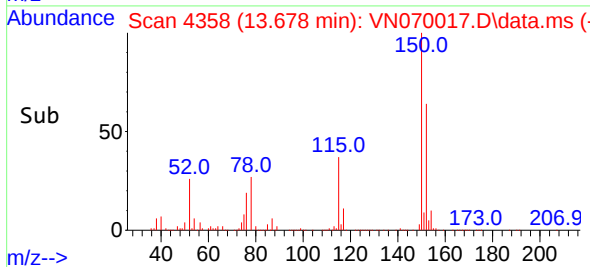
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

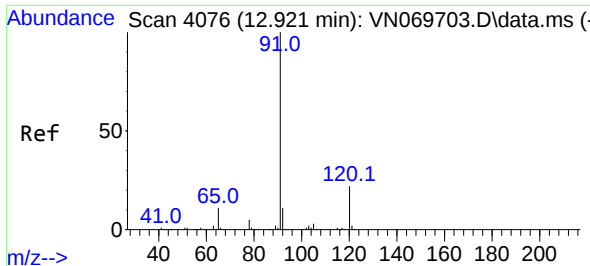


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02



Tgt Ion:152 Resp: 1041171
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 155.5 0.0 344.4





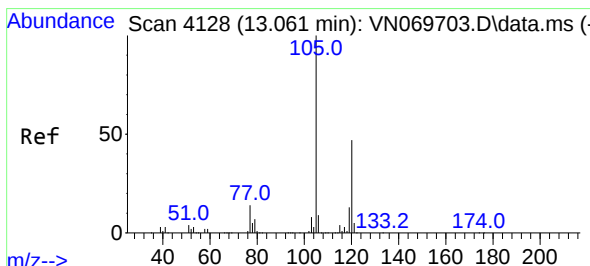
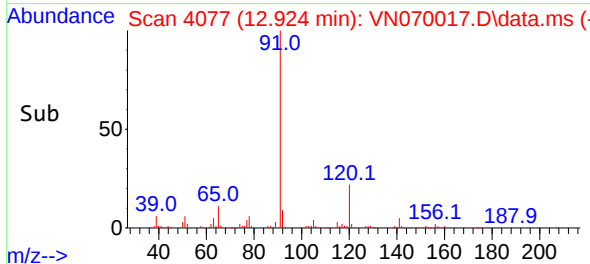
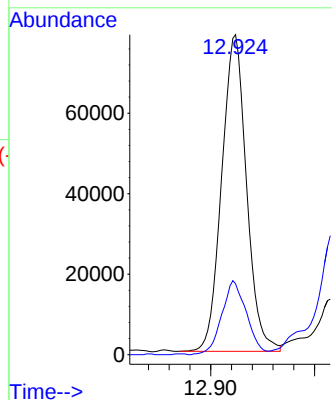
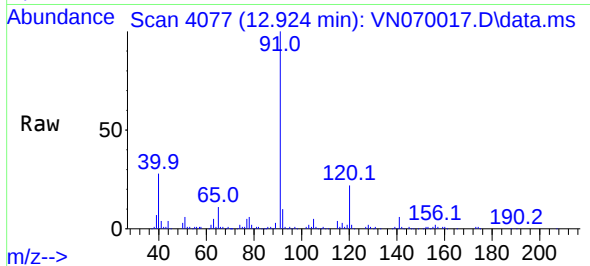
#78
n-propylbenzene
Concen: 1.27 ug/l
RT: 12.924 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5

Tgt Ion: 91 Resp: 130509
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.9

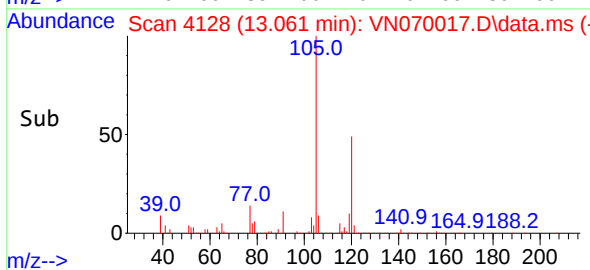
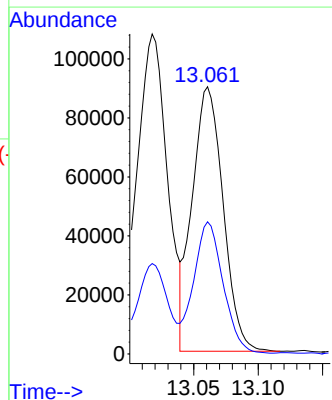
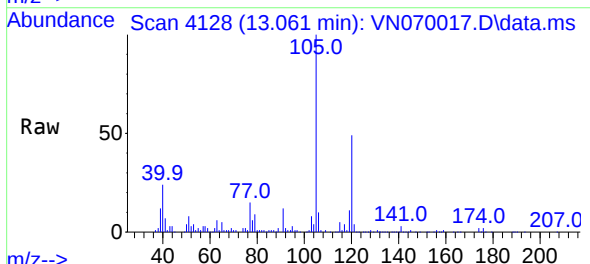
Manual Integrations
APPROVED

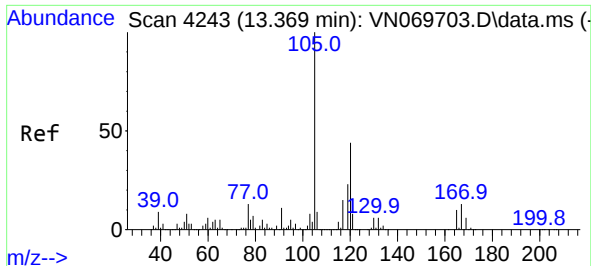
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 2.00 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

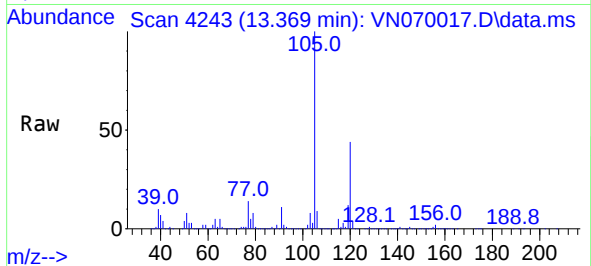
Tgt Ion:105 Resp: 149307
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 9.35 ug/l m
RT: 13.369 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02

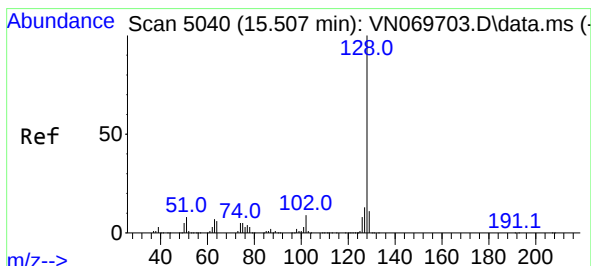
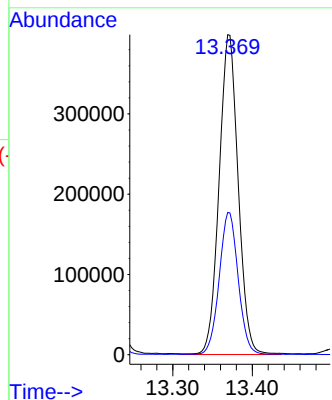
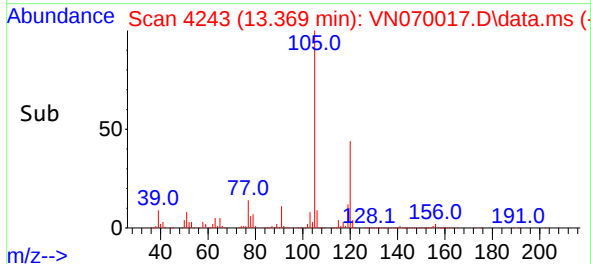
Instrument :
MSVOA_N
ClientSampleId :
A2-2-6.5



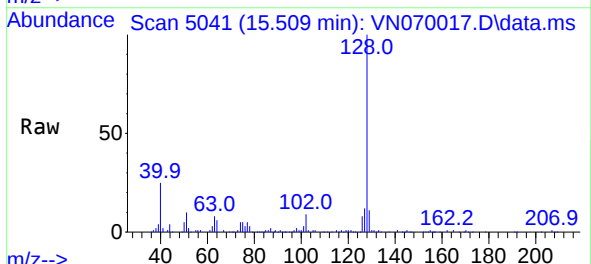
Tgt Ion:105 Resp: 66376
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#95
Naphthalene
Concen: 6.99 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070017.D
Acq: 11 Dec 2021 19:02



Tgt Ion:128 Resp: 166098
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 10.8 8.7 13.1

