

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069515.D
 Acq On : 16 Nov 2021 18:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:58:14 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	8.086	168	1277905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2219502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2176259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	795147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	934360	50.427	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.860%			
35) Dibromofluoromethane	8.024	113	639311	48.026	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.060%			
50) Toluene-d8	10.443	98	2810887	53.690	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.731	95	966460	50.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.500%			
Target Compounds						Qvalue
3) Chloromethane	2.309	50	3256	0.206	ug/l	98
56) Ethyl methacrylate	10.762	69	1808	2.116	ug/l #	60
59) 2-Hexanone	11.092	43	15881	8.638	ug/l	85
70) Styrene	12.291	104	3250	1.584	ug/l	96
74) N-amyl acetate	12.398	43	7939	0.296	ug/l #	94
87) 1,3-Dichlorobenzene	13.616	146	5155	0.205	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	8131m	0.330	ug/l	
89) n-Butylbenzene	13.946	91	11618	0.280	ug/l	98
91) 1,2-Dichlorobenzene	13.994	146	4867	0.204	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	7698	3.690	ug/l	97
95) Naphthalene	15.504	128	33796	5.323	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	9102	3.882	ug/l	94

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

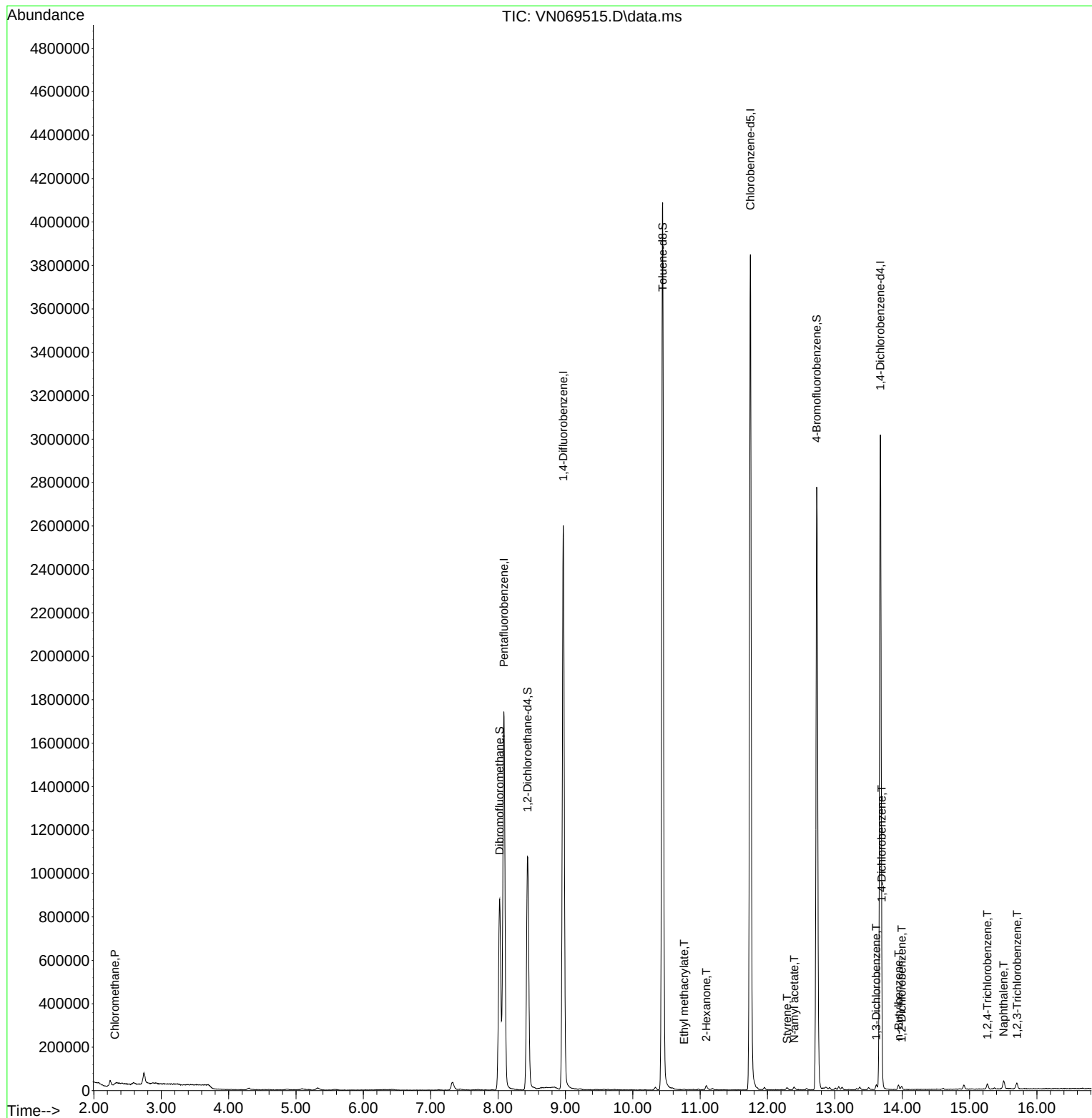
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
Data File : VN069515.D
Acq On : 16 Nov 2021 18:07
Operator : JC/MD
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ALS Vial : 13 Sample Multiplier: 1

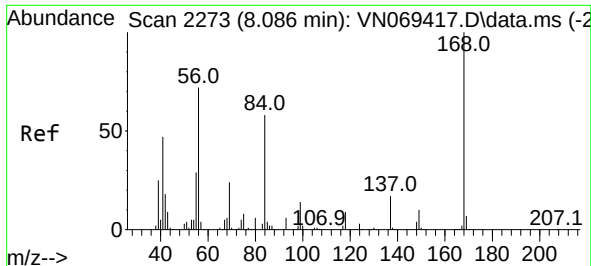
Instrument :
MSVOA_N
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IBLK

Quant Time: Nov 17 00:58:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
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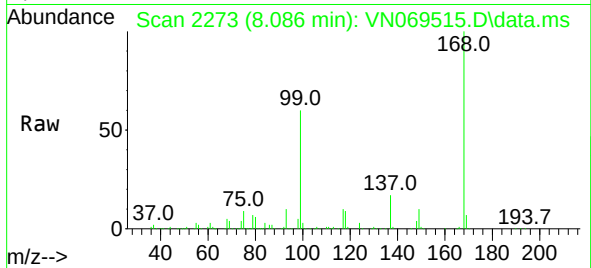
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

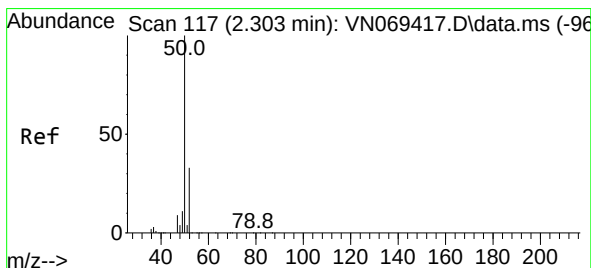
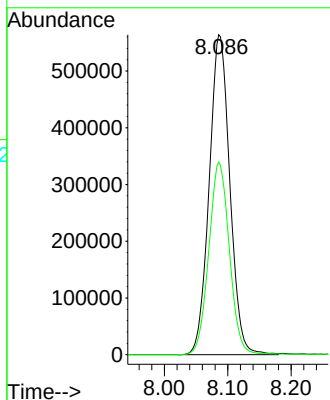
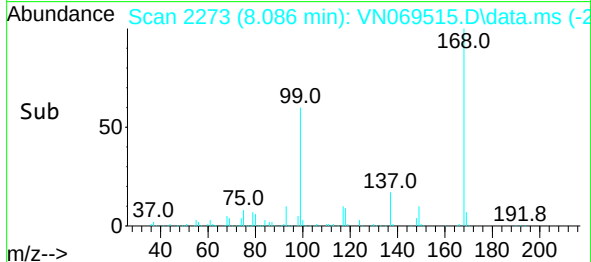
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:168 Resp: 127790
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

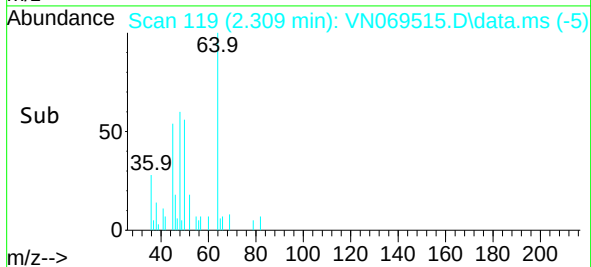
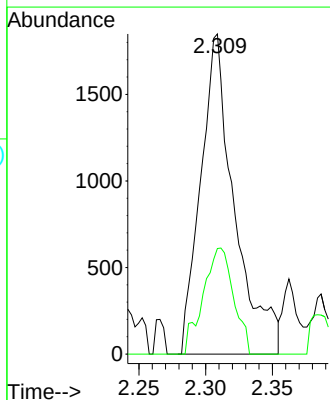
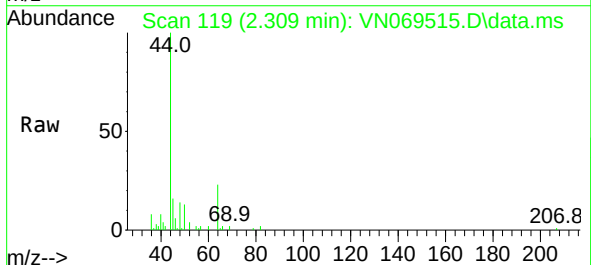
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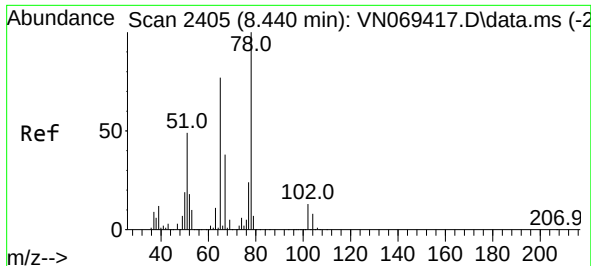
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

Tgt Ion: 50 Resp: 3256
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069515.D

Acq: 16 Nov 2021 18:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 65 Resp: 934360

Ion Ratio Lower Upper

65 100

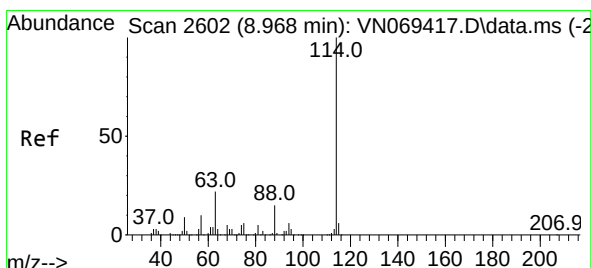
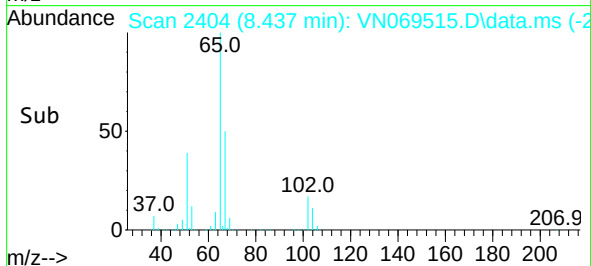
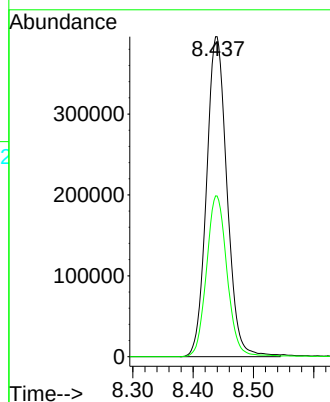
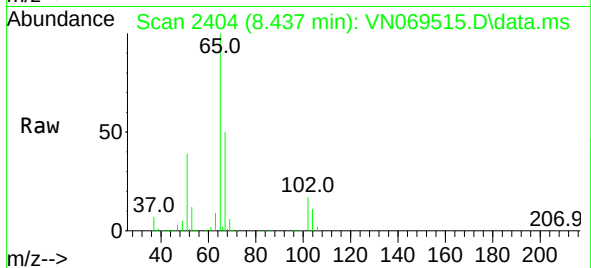
67 50.1 0.0 103.0

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: VN069515.D

Acq: 16 Nov 2021 18:07

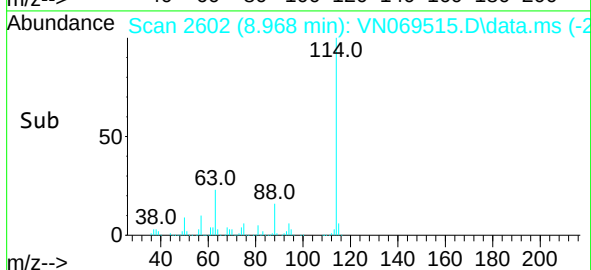
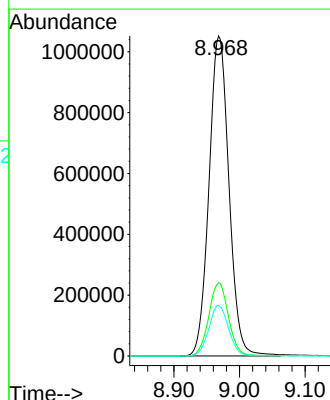
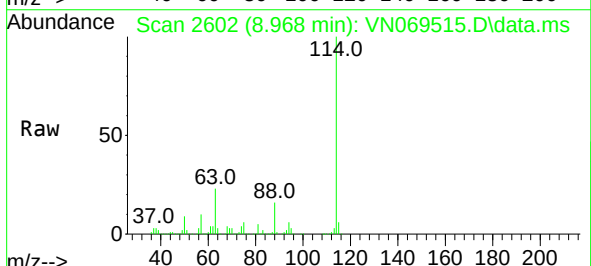
Tgt Ion:114 Resp: 2219502

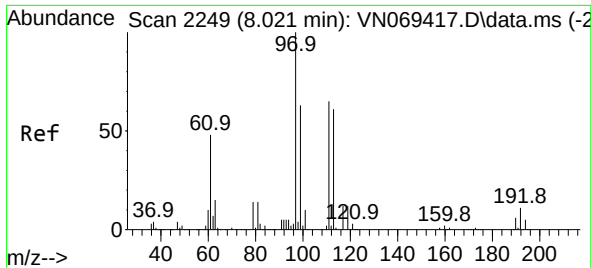
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

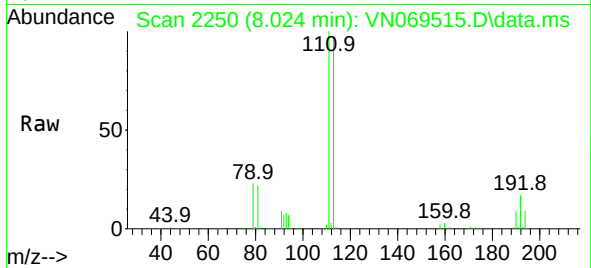
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.026 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

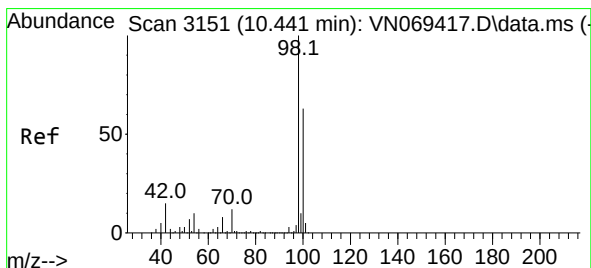
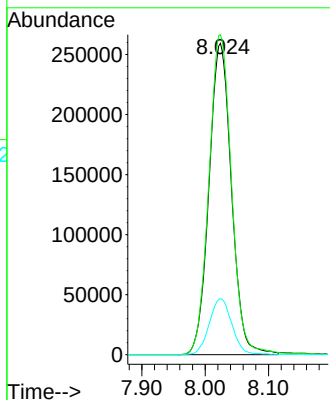
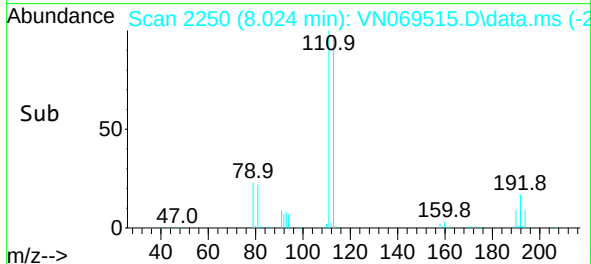
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 113 Resp: 63931
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.2 16.9 25.3

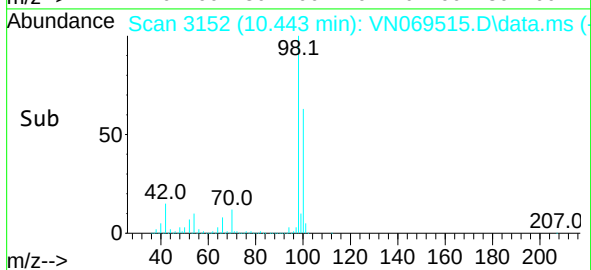
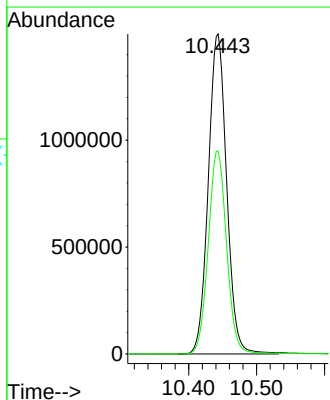
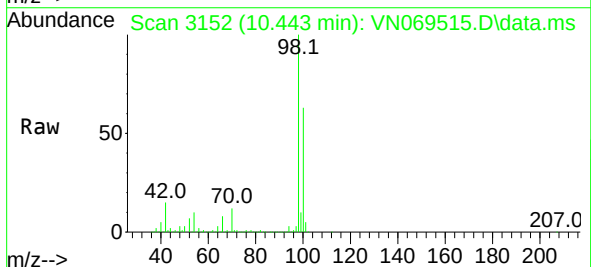
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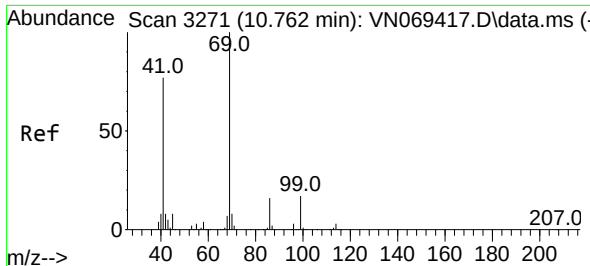
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 53.690 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

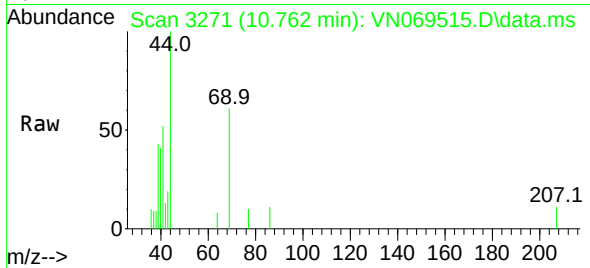
Tgt Ion: 98 Resp: 2810887
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





#56
Ethyl methacrylate
Concen: 2.116 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

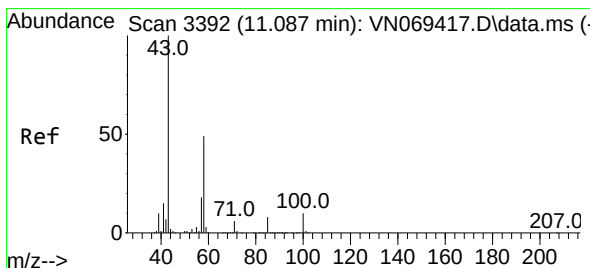
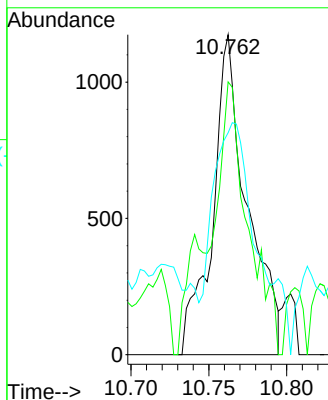
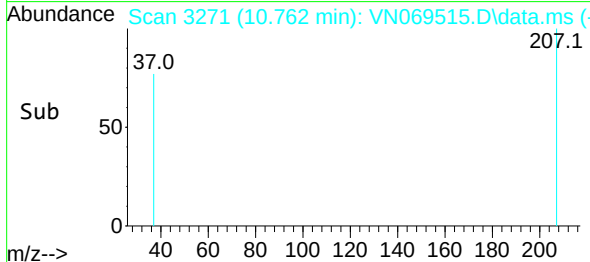
Instrument :
MSVOA_N
ClientSampleId :
IBLK



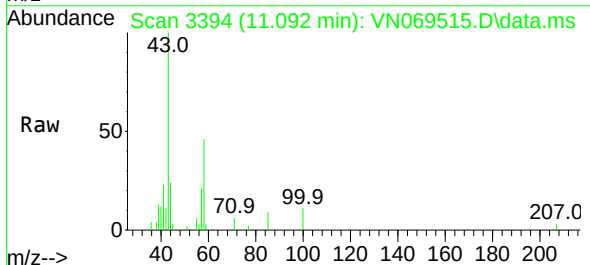
Tgt Ion: 69 Resp: 1808
Ion Ratio Lower Upper
69 100
41 74.4 51.4 77.0
39 93.9 34.6 52.0

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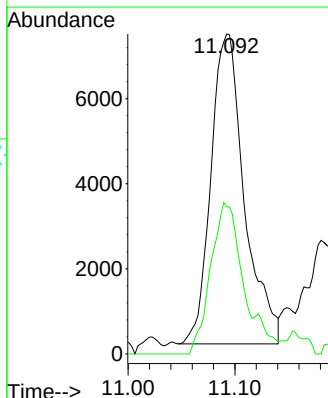
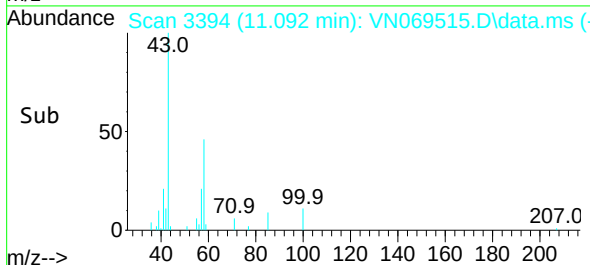
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

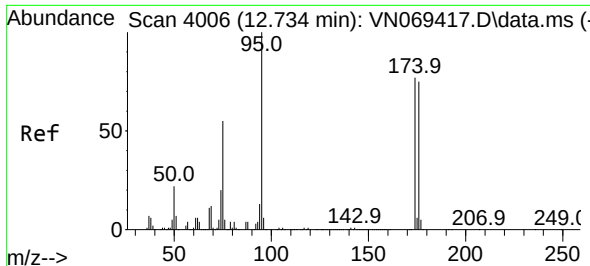


#59
2-Hexanone
Concen: 8.638 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07



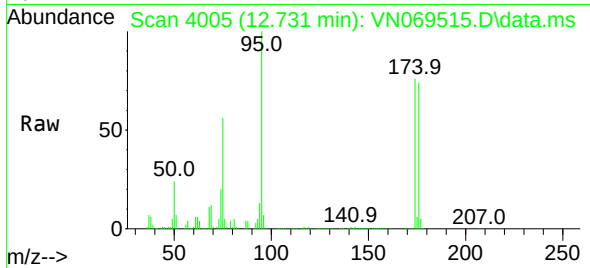
Tgt Ion: 43 Resp: 15881
Ion Ratio Lower Upper
43 100
58 43.1 26.9 80.7





#62
4-Bromofluorobenzene
Concen: 50.250 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

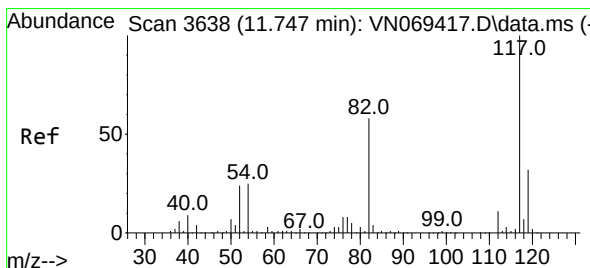
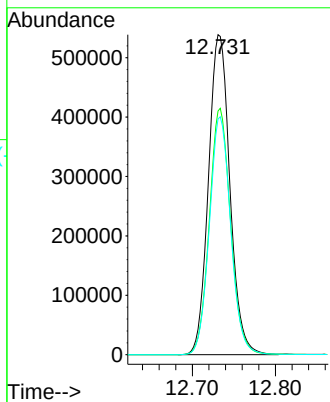
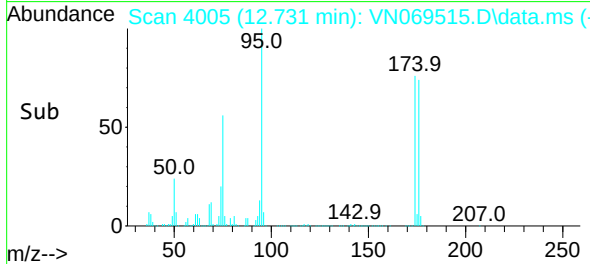
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 95 Resp: 966460
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 74.0 0.0 181.4

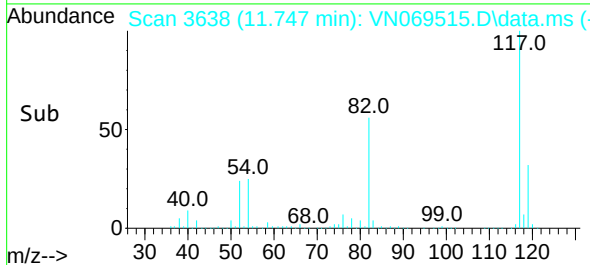
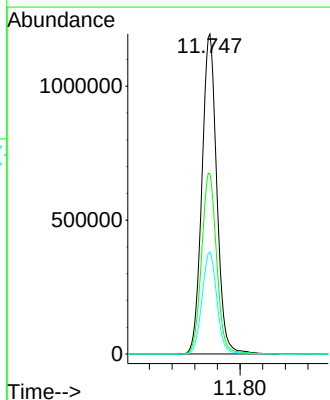
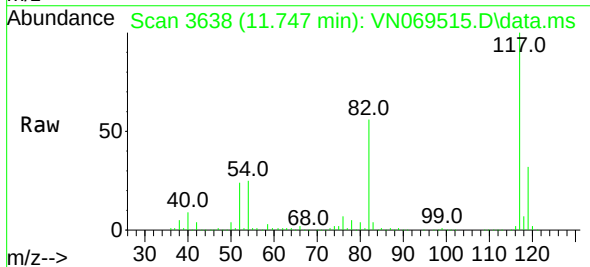
Manual Integrations
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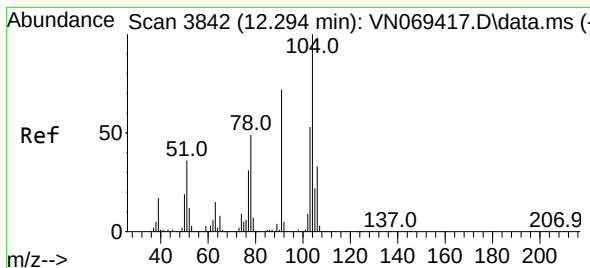
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

Tgt Ion:117 Resp: 2176259
Ion Ratio Lower Upper
117 100
82 56.4 42.4 63.6
119 31.9 25.4 38.2





#70

Styrene

Concen: 1.584 ug/l

RT: 12.291 min Scan# 3841

Delta R.T. -0.003 min

Lab File: VN069515.D

Acq: 16 Nov 2021 18:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

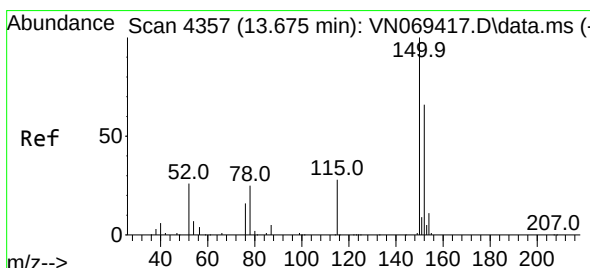
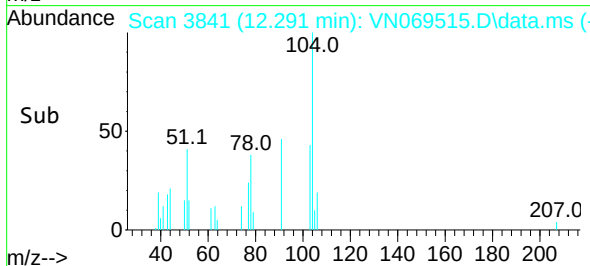
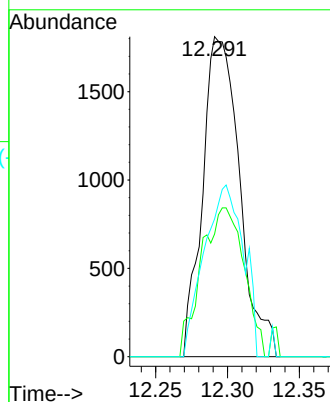
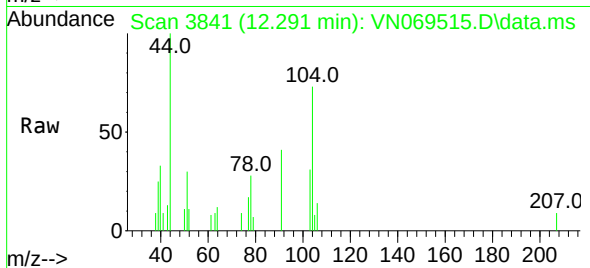
Tgt Ion:104	Resp:	3250
Ion Ratio	Lower	Upper
104	100	
78	53.8	38.7 58.1
103	56.7	45.0 67.6

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

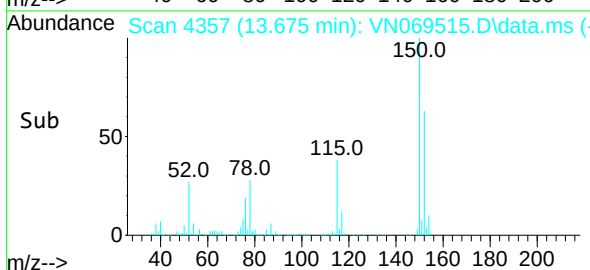
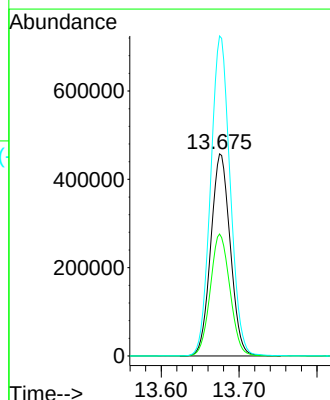
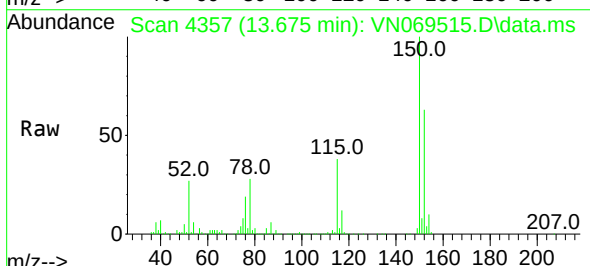
RT: 13.675 min Scan# 4357

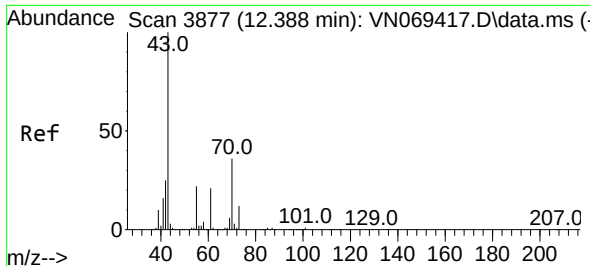
Delta R.T. -0.000 min

Lab File: VN069515.D

Acq: 16 Nov 2021 18:07

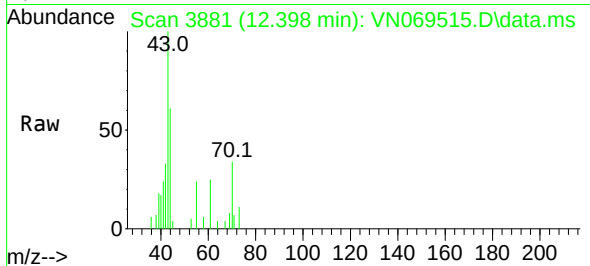
Tgt Ion:152	Resp:	795147
Ion Ratio	Lower	Upper
152	100	
115	60.7	27.5 82.5
150	158.3	0.0 344.4





#74
N-amy1 acetate
Concen: 0.296 ug/l
RT: 12.398 min Scan# 3877
Delta R.T. 0.010 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

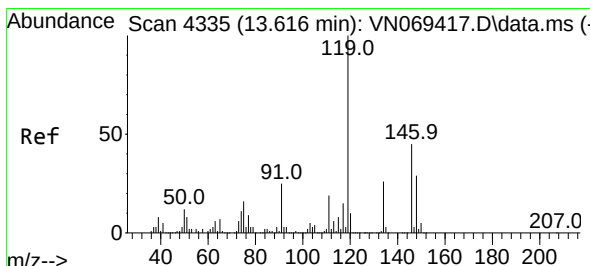
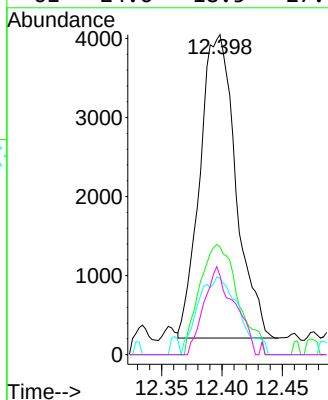
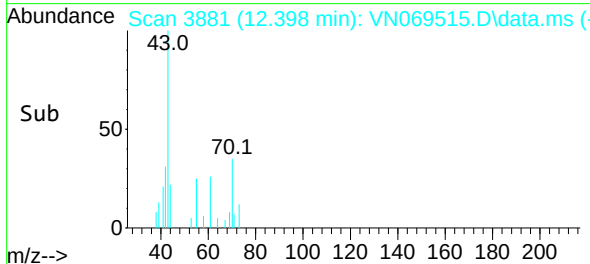
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 7939
Ion Ratio Lower Upper
43 100
70 38.9 33.4 50.0
55 29.5 19.3 28.9
61 24.6 18.5 27.7

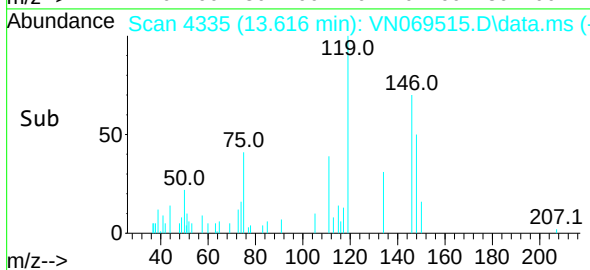
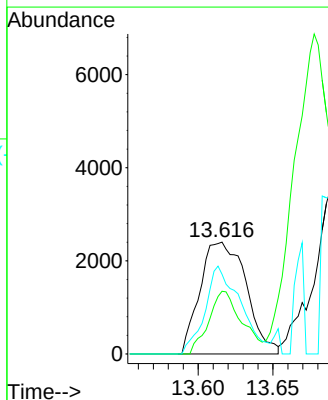
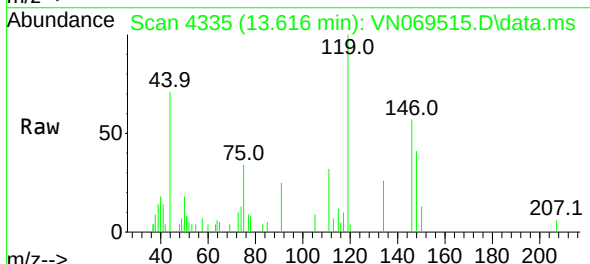
Manual Integrations
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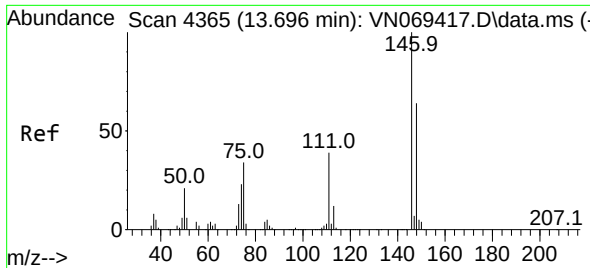
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#87
1,3-Dichlorobenzene
Concen: 0.205 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

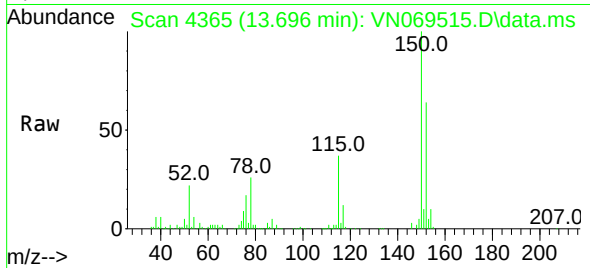
Tgt Ion:146 Resp: 5155
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 61.0 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 0.330 ug/l m
RT: 13.696 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

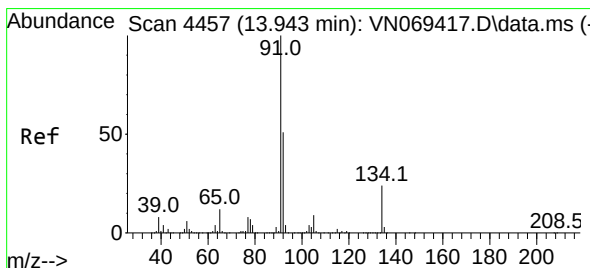
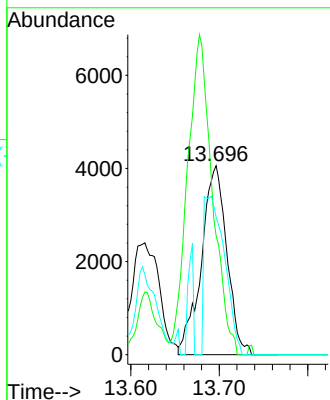
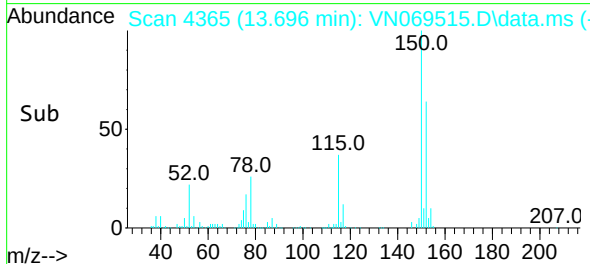
Instrument :
MSVOA_N
ClientSampleId :
IBLK



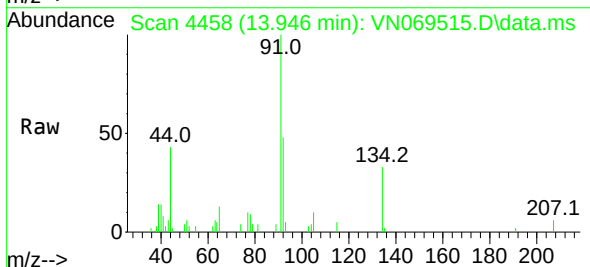
Tgt Ion:146 Resp: 813
Ion Ratio Lower Upper
146 100
111 25.6 18.3 54.8
148 38.6 31.8 95.4

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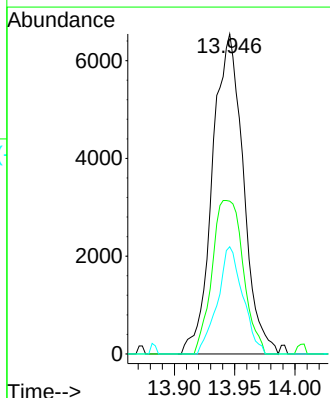
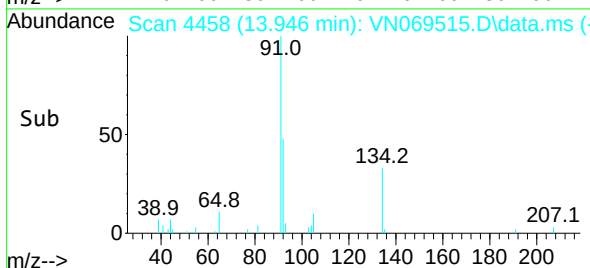
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

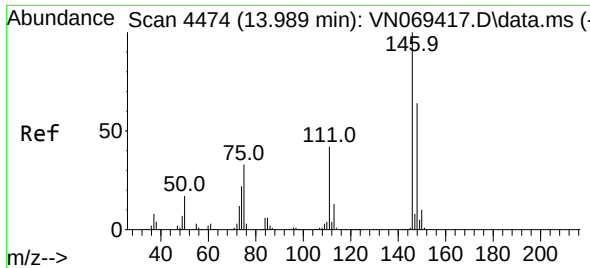


#89
n-Butylbenzene
Concen: 0.280 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07



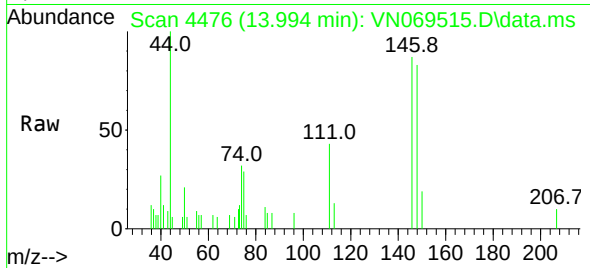
Tgt Ion: 91 Resp: 11618
Ion Ratio Lower Upper
91 100
92 48.5 25.4 76.0
134 27.5 13.6 40.8





#91
1,2-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.994 min Scan# 4474
Delta R.T. 0.005 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

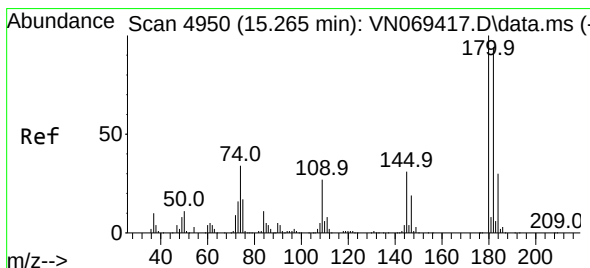
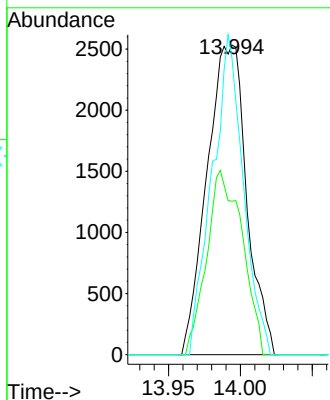
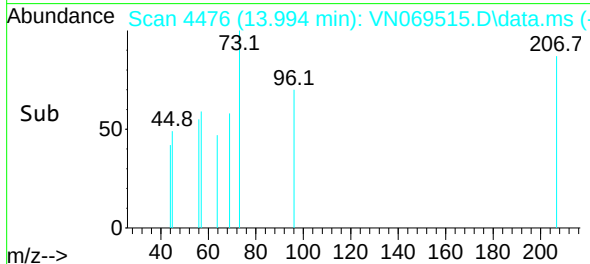
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:146 Resp: 486
Ion Ratio Lower Upper
146 100
111 53.3 19.1 57.3
148 81.2 32.1 96.3

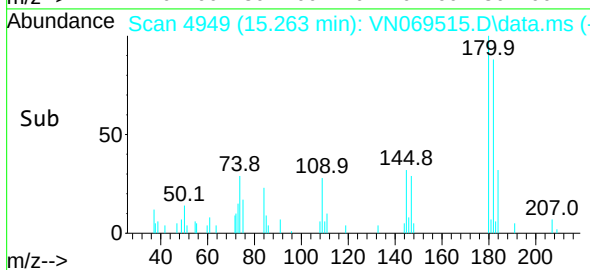
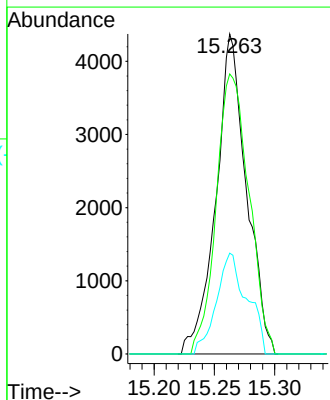
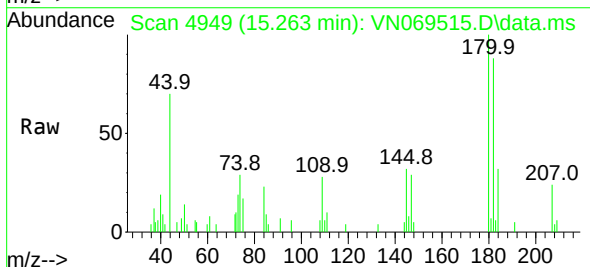
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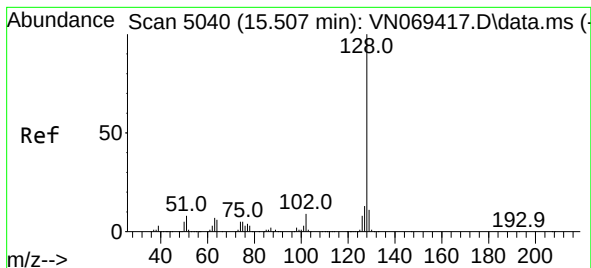
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#93
1,2,4-Trichlorobenzene
Concen: 3.690 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

Tgt Ion:180 Resp: 7698
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.9
145 31.5 14.5 43.5





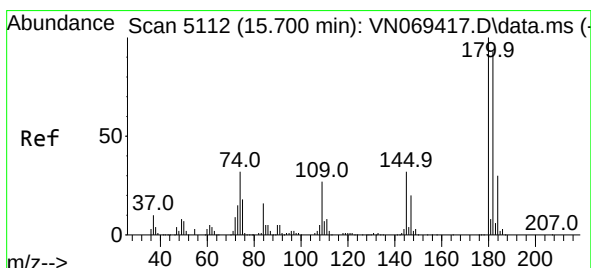
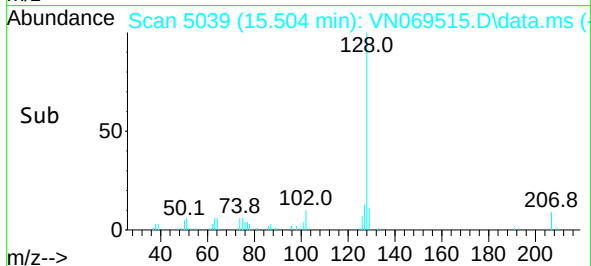
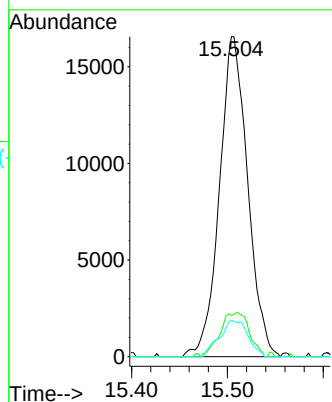
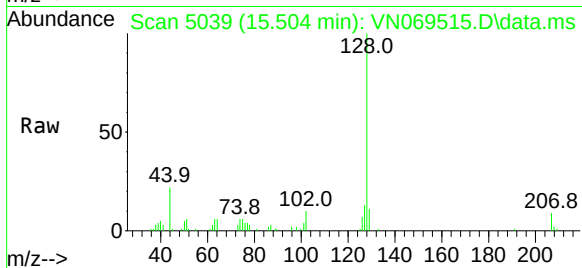
#95
Naphthalene
Concen: 5.323 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 33790
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 3.882 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.005 min
Lab File: VN069515.D
Acq: 16 Nov 2021 18:07

Tgt Ion:180 Resp: 9102
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.2
145 22.3 15.0 45.1

