

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070330.D
 Acq On : 28 Dec 2021 17:29
 Operator : JC/MD
 Sample : M5197-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1233-1234

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 18:22:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	883484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1528979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1376135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	484082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	755554	59.479	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.960%			
35) Dibromofluoromethane	8.024	113	532170	57.525	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.060%			
50) Toluene-d8	10.440	98	2033167	53.799	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.731	95	674742	49.433	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.860%			
Target Compounds					Qvalue	
16) Acetone	4.253	43	49147006m	5960.028	ug/l	
18) Methyl Acetate	4.838	43	33969803m	1424.112	ug/l	
20) Methylene Chloride	5.101	84	58931	5.165	ug/l	90
25) 2-Butanone	7.337	43	7512813	723.579	ug/l	92
37) Ethyl Acetate	7.404	43	25079693m	1264.298	ug/l	
40) Benzene	8.461	78	3290856	70.141	ug/l	99
52) Toluene	10.505	92	1180903	41.583	ug/l	98
67) Ethyl Benzene	11.843	91	3782605	70.705	ug/l	97
68) m/p-Xylenes	11.950	106	6364178	326.808	ug/l	95
69) o-Xylene	12.280	106	2689075	138.828	ug/l	92
73) Isopropylbenzene	12.581	105	20434	0.455	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	49697	1.433	ug/l	98

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

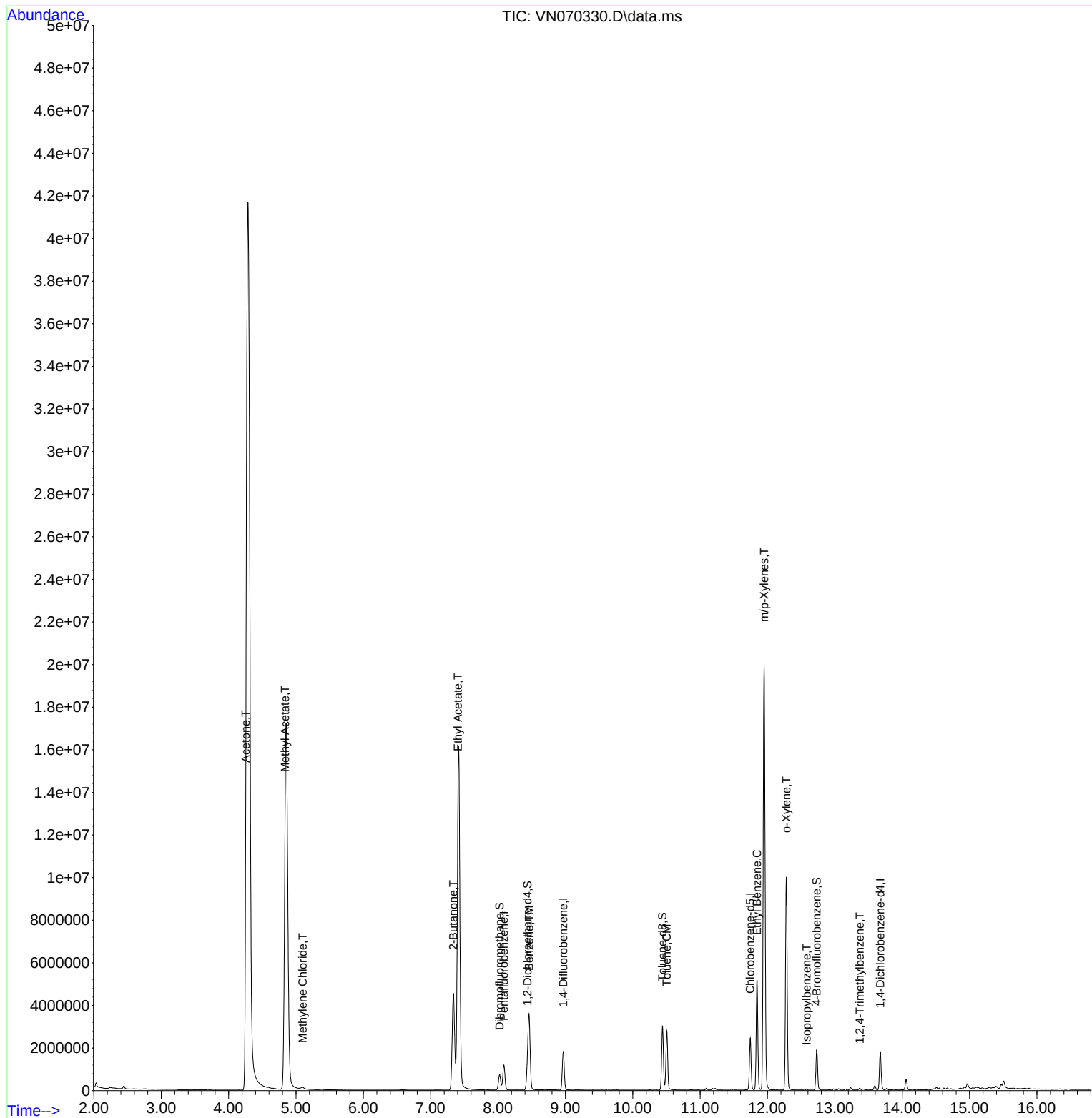
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
Data File : VN070330.D
Acq On : 28 Dec 2021 17:29
Operator : JC/MD
Sample : M5197-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

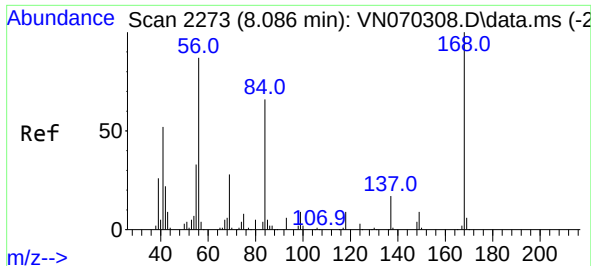
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

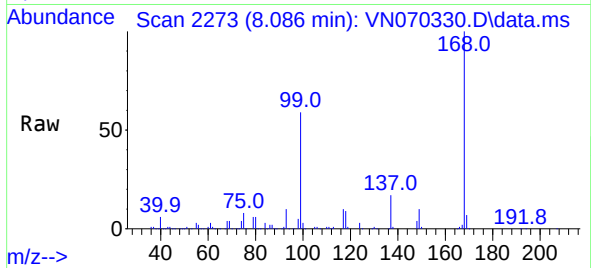
Quant Time: Dec 28 18:22:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

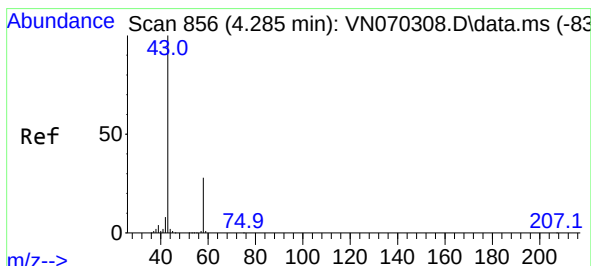
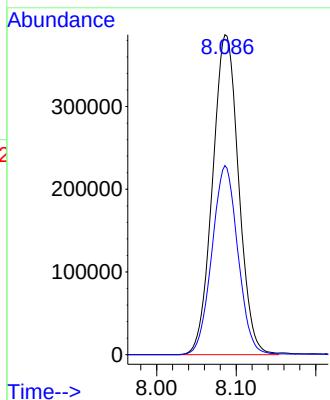
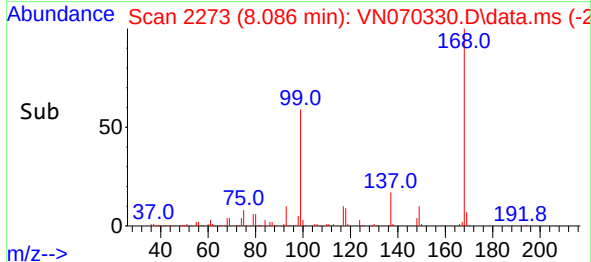
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234



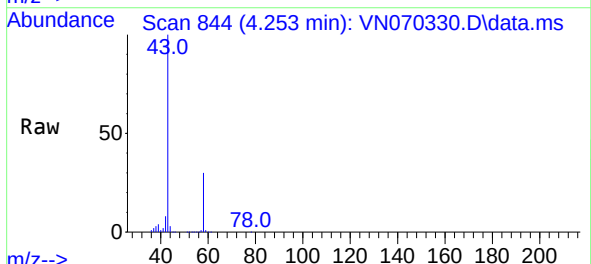
Tgt Ion:168 Resp: 883484
Ion Ratio Lower Upper
168 100
99 59.1 41.3 61.9

Manual Integrations
APPROVED

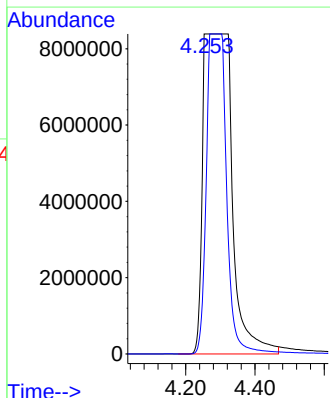
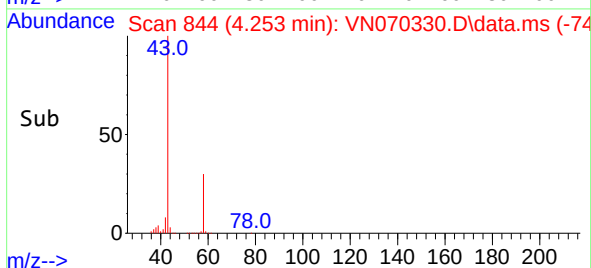
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

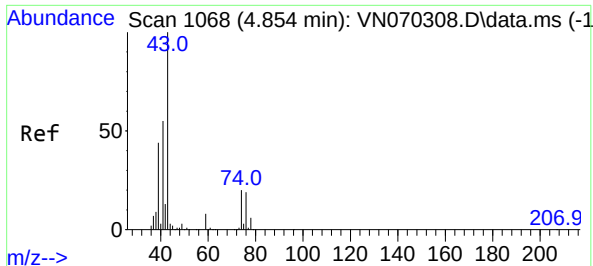


#16
Acetone
Concen: 5960.028 ug/l m
RT: 4.253 min Scan# 844
Delta R.T. -0.032 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29



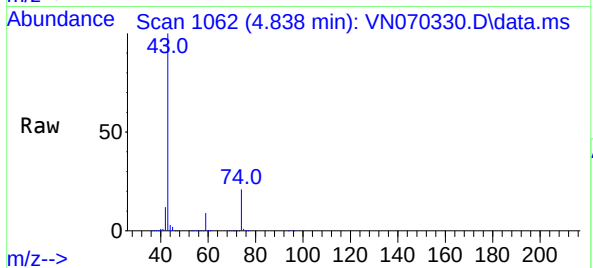
Tgt Ion: 43 Resp:49147006
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7





#18
Methyl Acetate
Concen: 1424.112 ug/l m
RT: 4.838 min Scan# 1160
Delta R.T. -0.016 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

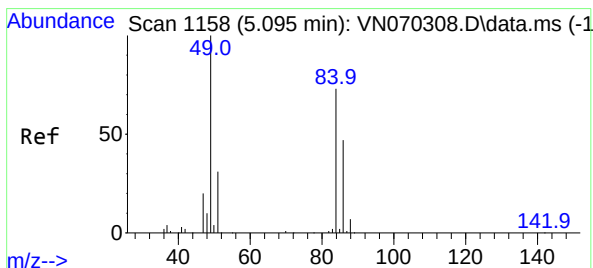
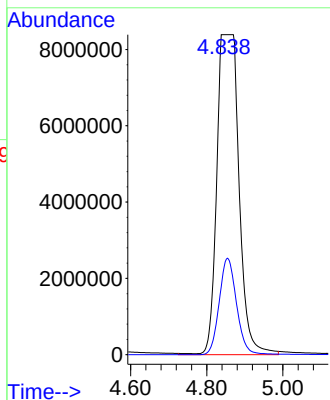
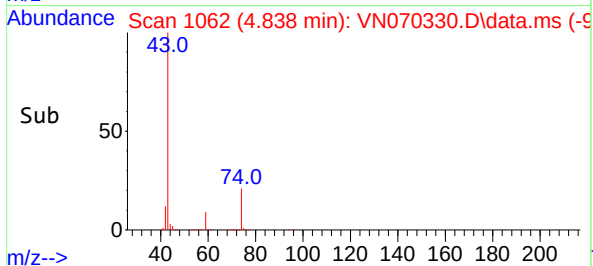
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234



Tgt Ion: 43 Resp: 3396980
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2

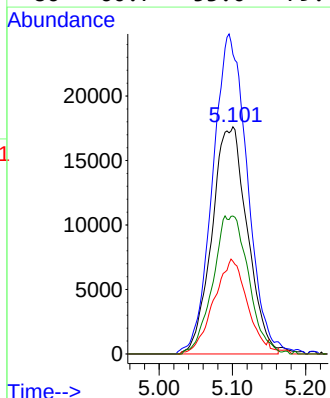
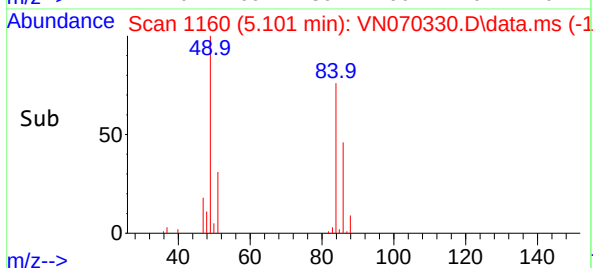
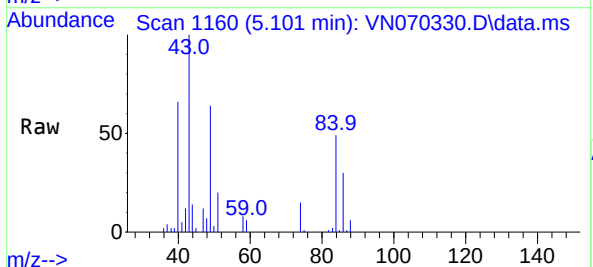
Manual Integrations
APPROVED

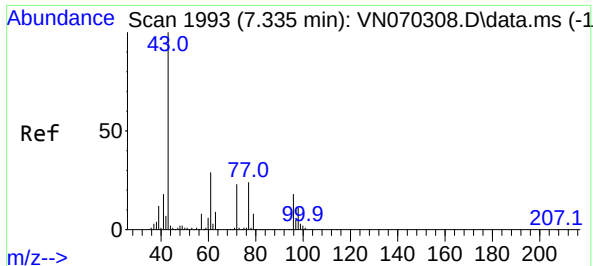
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#20
Methylene Chloride
Concen: 5.165 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

Tgt Ion: 84 Resp: 58931
Ion Ratio Lower Upper
84 100
49 130.8 93.5 140.3
51 40.8 29.4 44.2
86 60.7 53.0 79.4





#25

2-Butanone

Concen: 723.579 ug/l

RT: 7.337 min Scan# 1993

Delta R.T. 0.002 min

Lab File: VN070330.D

Acq: 28 Dec 2021 17:29

Instrument :

MSVOA_N

ClientSampleId :

AUD-1233-1234

Tgt Ion: 43 Resp: 751281

Ion Ratio Lower Upper

43 100

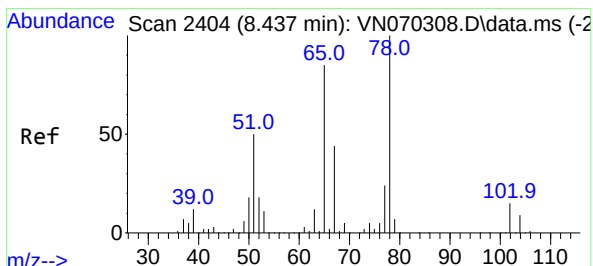
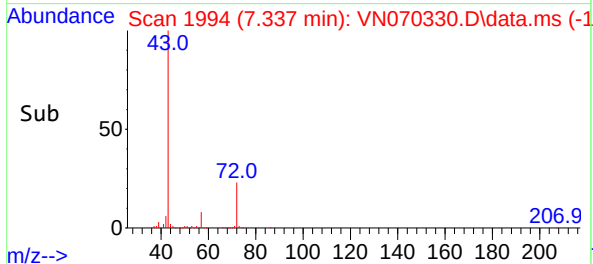
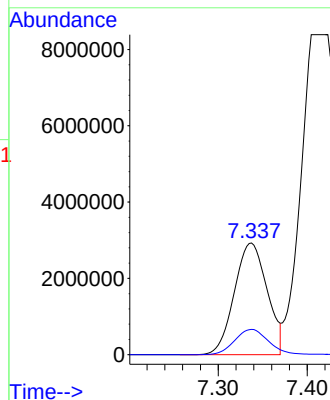
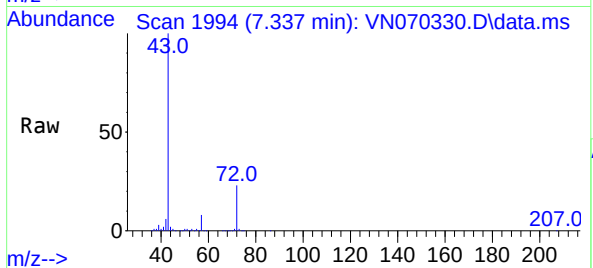
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#33

1,2-Dichloroethane-d4

Concen: 59.479 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070330.D

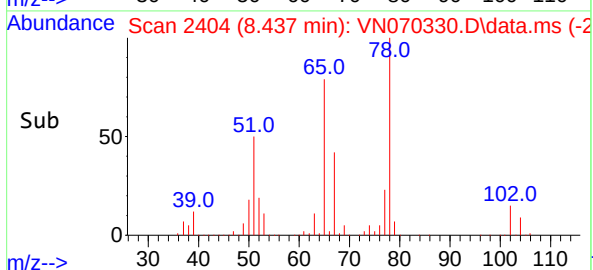
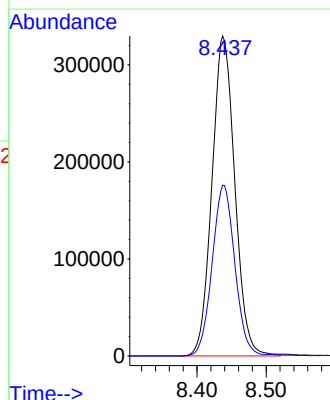
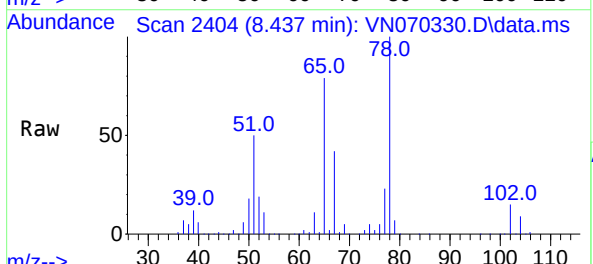
Acq: 28 Dec 2021 17:29

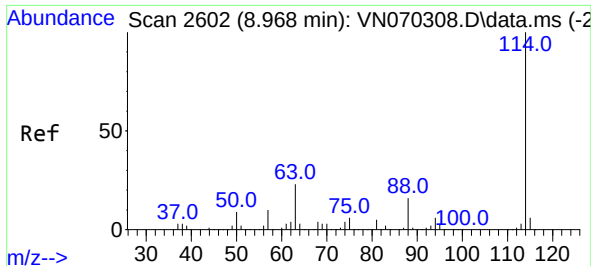
Tgt Ion: 65 Resp: 755554

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

Instrument :

MSVOA_N

ClientSampleId :

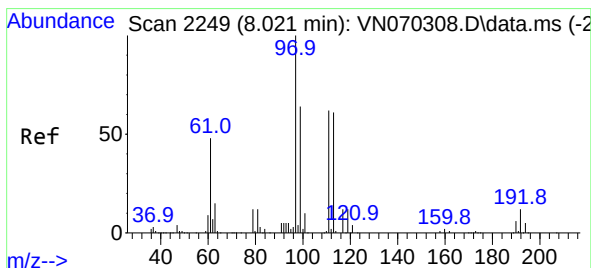
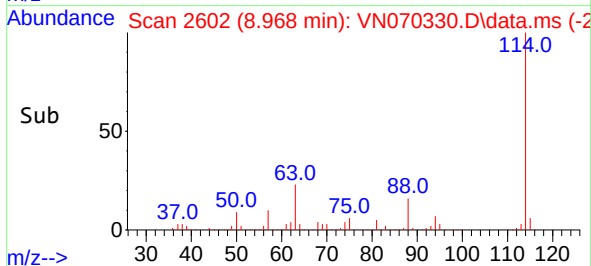
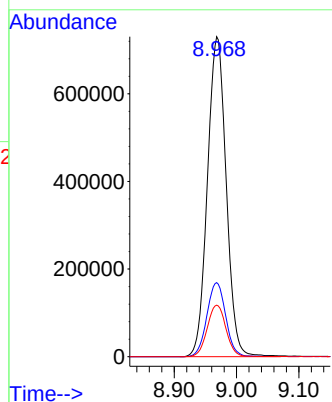
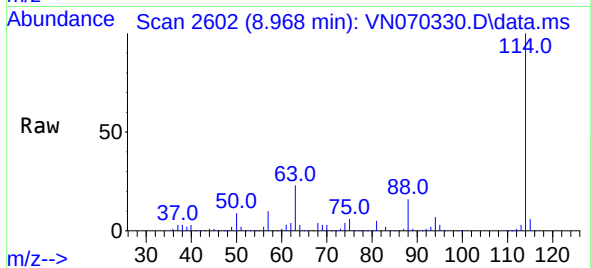
AUD-1233-1234

Tgt Ion:114 Resp: 1528979
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.1 0.0 27.4

Manual Integrations

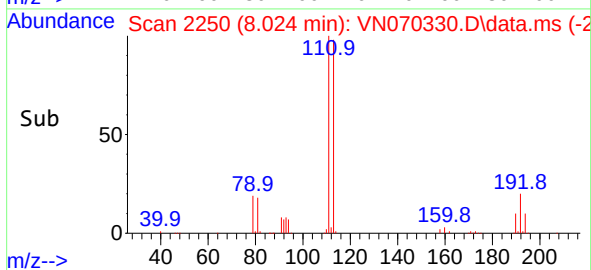
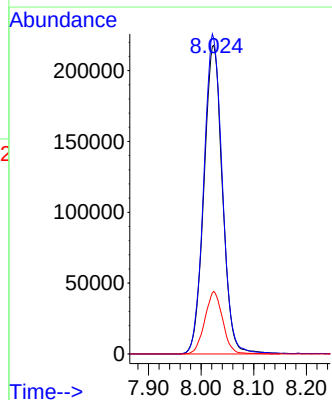
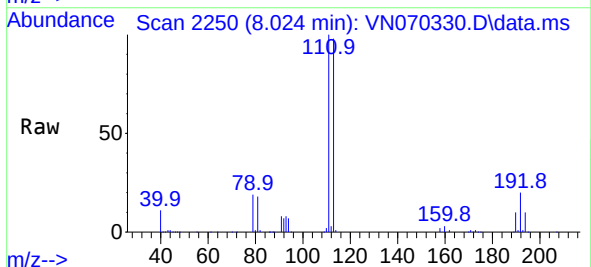
APPROVED

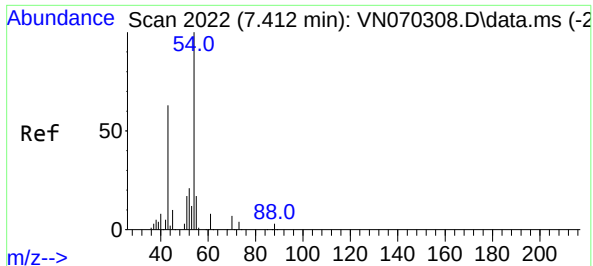
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#35
Dibromofluoromethane
Concen: 57.525 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

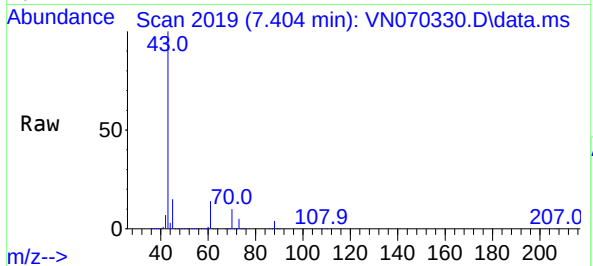
Tgt Ion:113 Resp: 532170
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.6 16.9 25.3





#37
Ethyl Acetate
Concen: 1264.298 ug/l m
RT: 7.404 min Scan# 2019
Delta R.T. -0.008 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

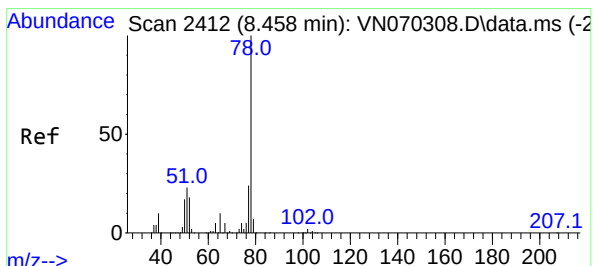
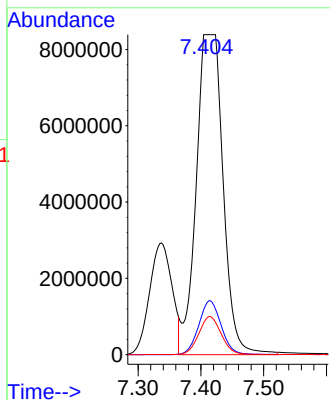
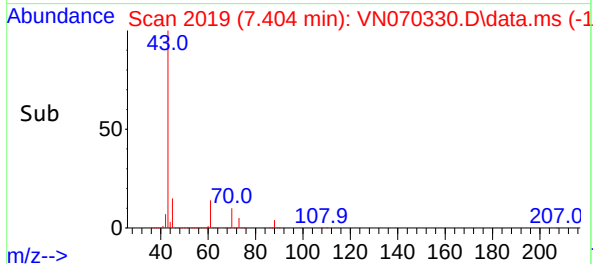
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234



Tgt Ion: 43 Resp: 2507969
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3
70 0.0 7.9 11.9

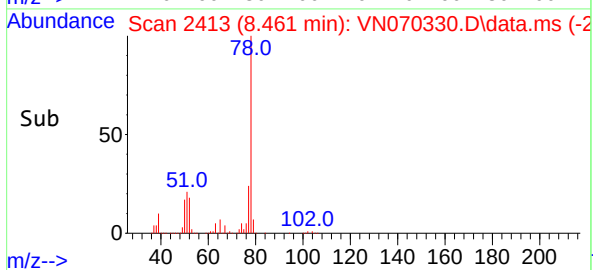
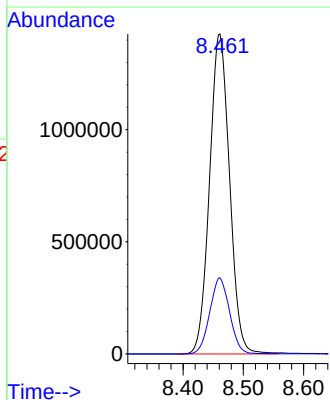
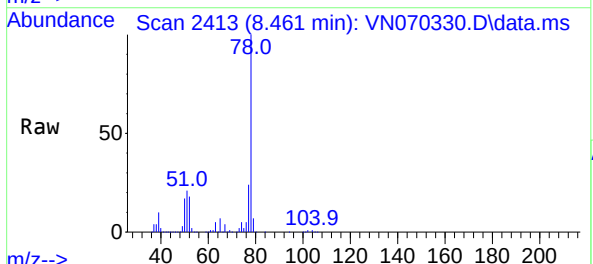
Manual Integrations
APPROVED

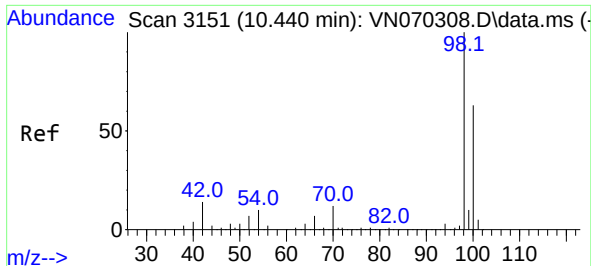
Reviewed By : John Carlone 12/29/2021
Supervised By : Mahesh Dadoda 12/30/2021



#40
Benzene
Concen: 70.141 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

Tgt Ion: 78 Resp: 3290856
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





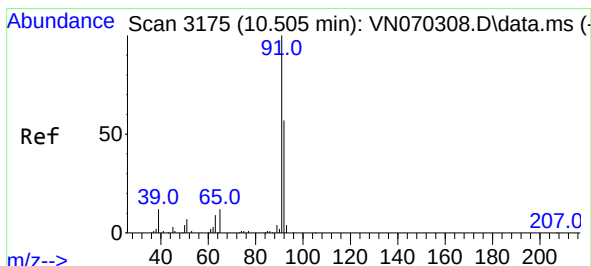
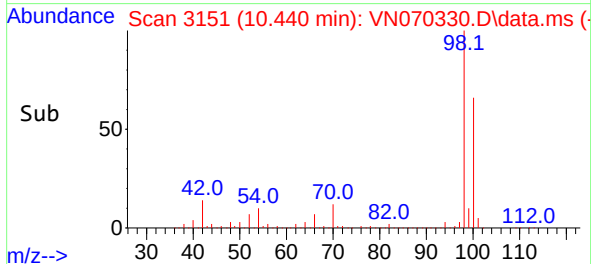
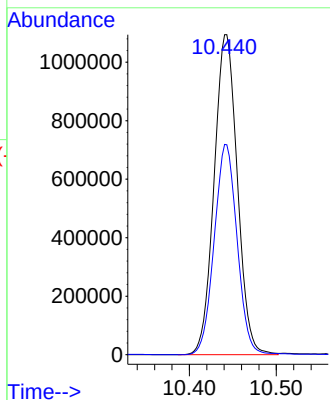
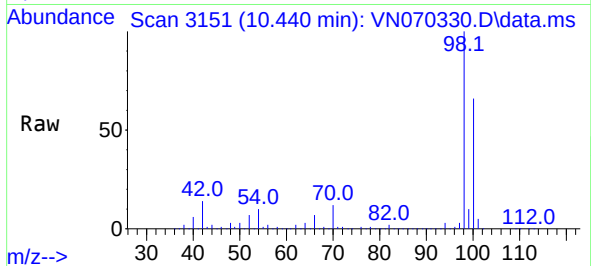
#50
Toluene-d8
Concen: 53.799 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234

Tgt Ion: 98 Resp: 203316
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6

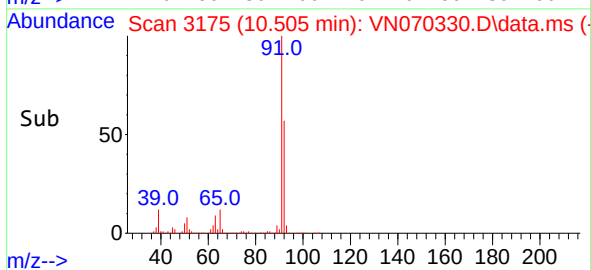
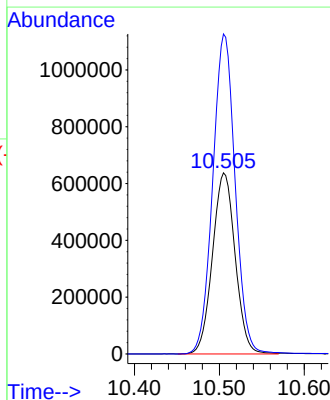
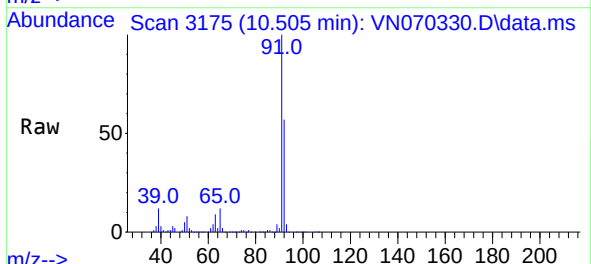
Manual Integrations
APPROVED

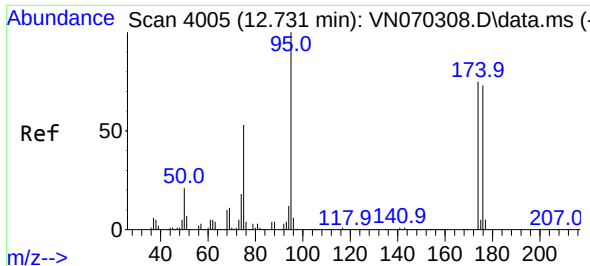
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#52
Toluene
Concen: 41.583 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

Tgt Ion: 92 Resp: 1180903
Ion Ratio Lower Upper
92 100
91 175.1 142.0 213.0





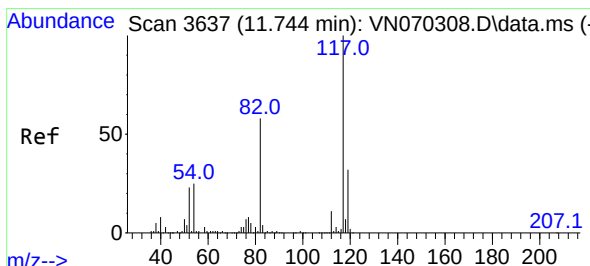
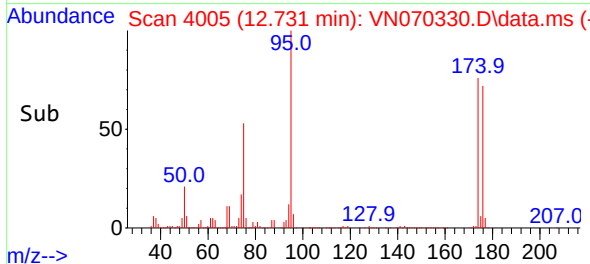
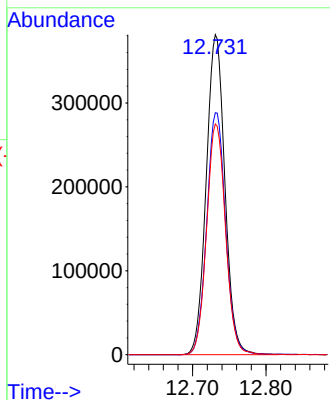
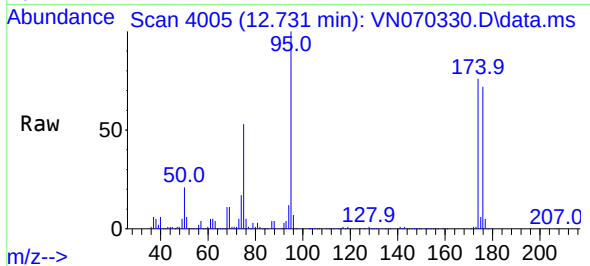
#62
4-Bromofluorobenzene
Concen: 49.433 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234

Tgt Ion: 95 Resp: 67474
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.0 0.0 181.4

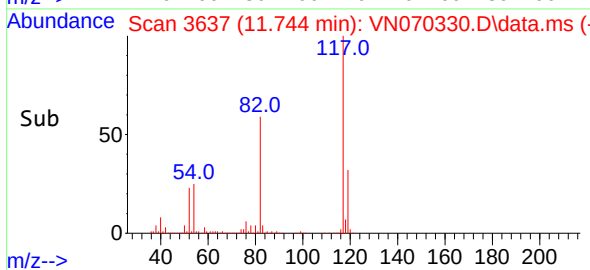
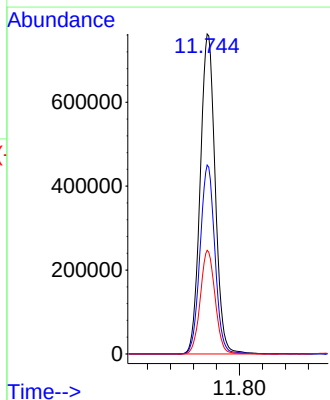
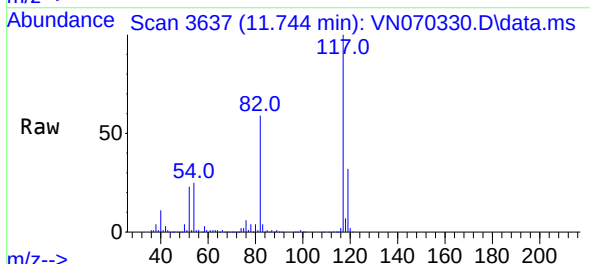
Manual Integrations
APPROVED

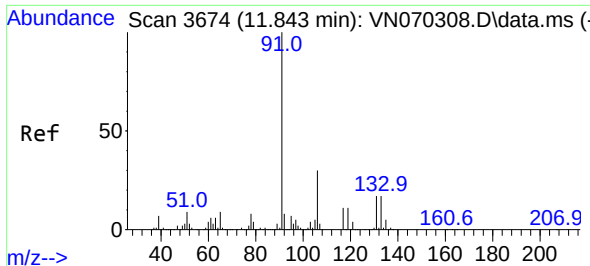
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

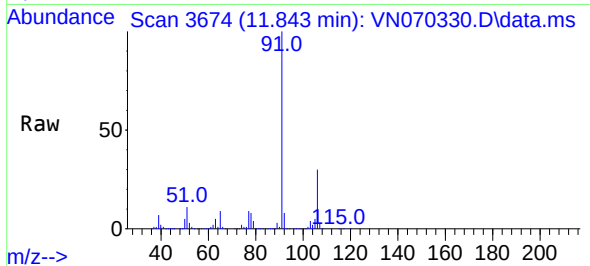
Tgt Ion:117 Resp: 1376135
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.4 25.4 38.2





#67
Ethyl Benzene
Concen: 70.705 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

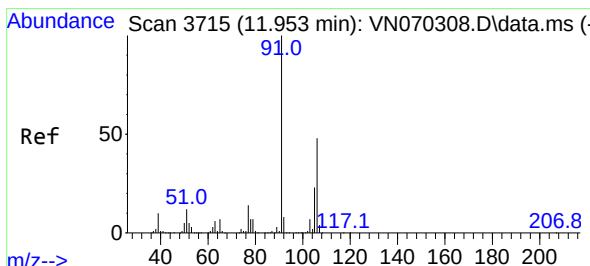
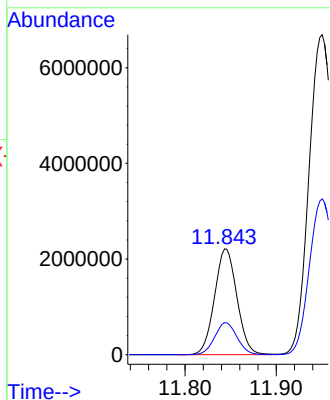
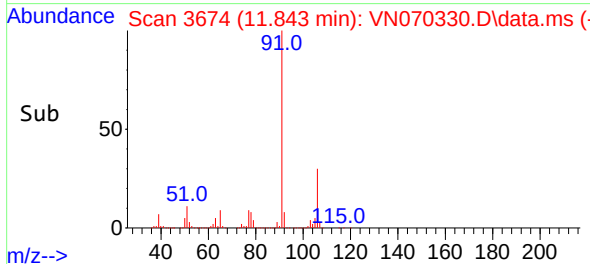
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234



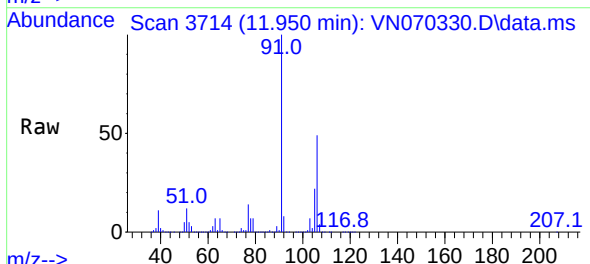
Tgt Ion: 91 Resp: 378260
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
APPROVED

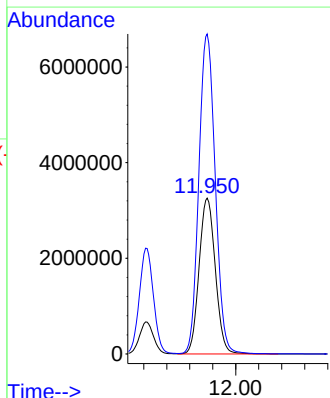
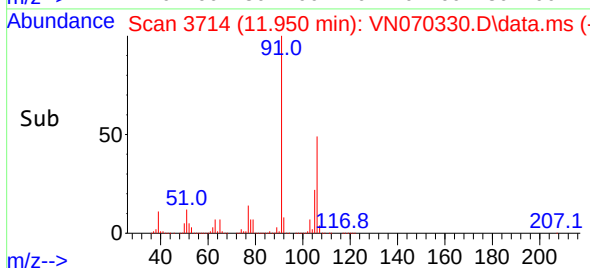
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

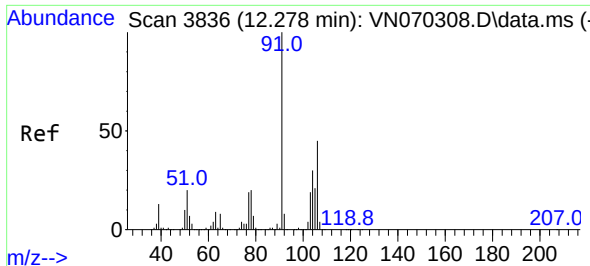


#68
m/p-Xylenes
Concen: 326.808 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29



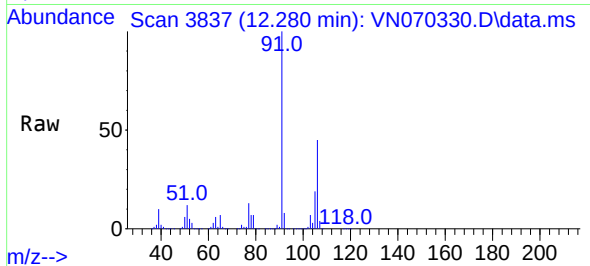
Tgt Ion:106 Resp: 6364178
Ion Ratio Lower Upper
106 100
91 208.0 160.6 240.8





#69
o-Xylene
Concen: 138.828 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

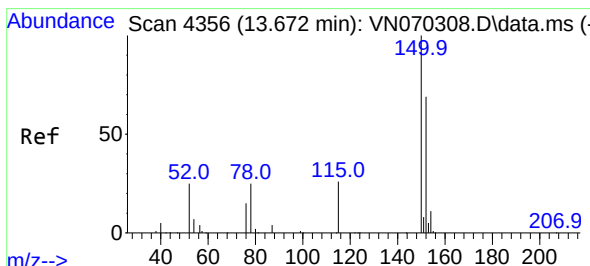
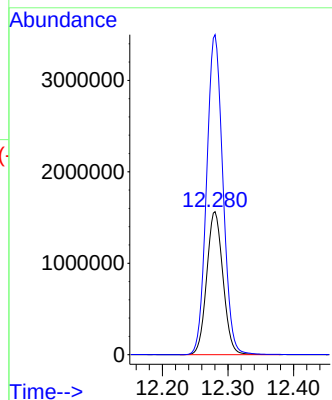
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234



Tgt Ion:106 Resp: 2689075
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

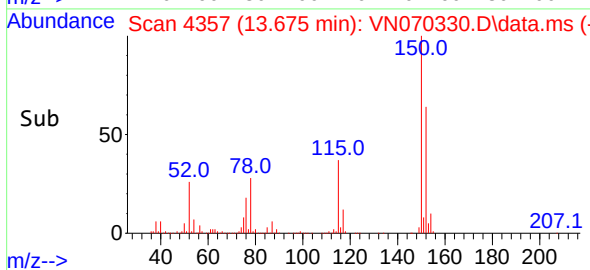
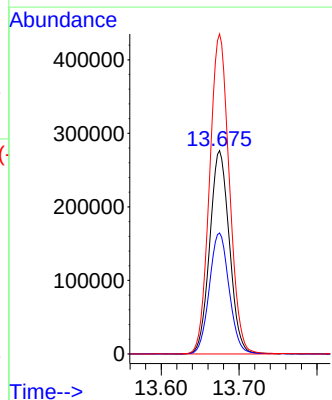
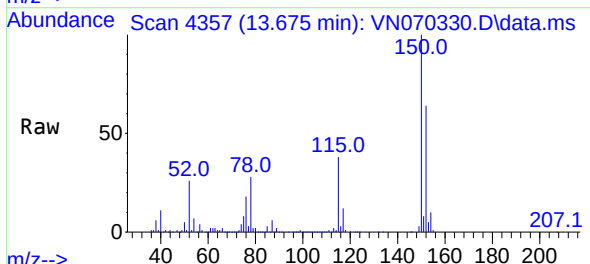
Manual Integrations
APPROVED

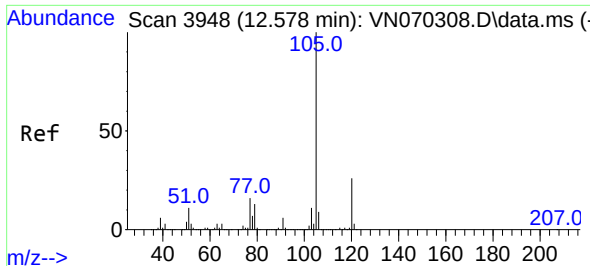
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

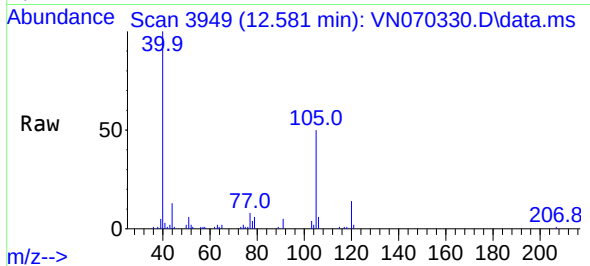
Tgt Ion:152 Resp: 484082
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 158.2 0.0 344.4





#73
Isopropylbenzene
Concen: 0.455 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29

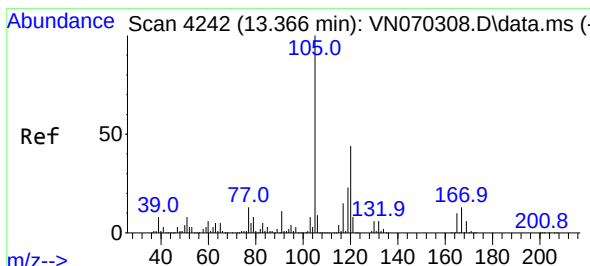
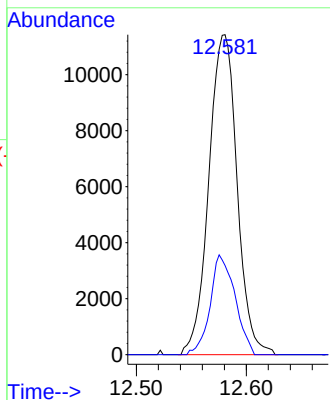
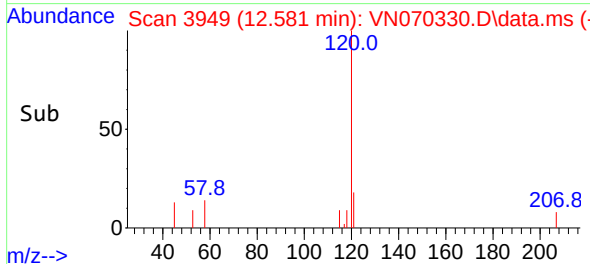
Instrument :
MSVOA_N
ClientSampleId :
AUD-1233-1234



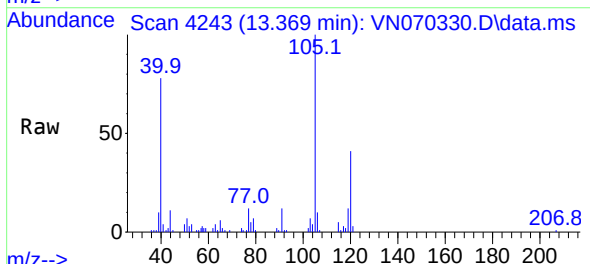
Tgt Ion:105 Resp: 20434
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 1.433 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070330.D
Acq: 28 Dec 2021 17:29



Tgt Ion:105 Resp: 49697
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4

