

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070681.D
 Acq On : 18 Jan 2022 21:57
 Operator : JC/MD
 Sample : N1148-03DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-31RDL

Quant Time: Jan 19 03:42:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Amit Patel 01/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1094452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1736699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1536707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	635475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	697502	44.469	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.940%		
35) Dibromofluoromethane	8.021	113	492226	45.692	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.380%		
50) Toluene-d8	10.440	98	2153420	47.450	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.728	95	755482	46.716	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.440%		
Target Compounds					Qvalue	
16) Acetone	4.288	43	74294	6.824	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	194327	4.493	ug/l #	1
25) 2-Butanone	7.340	43	41301	3.015	ug/l #	84
31) Cyclohexane	8.094	56	187688	6.795	ug/l #	85
39) Methylcyclohexane	9.456	83	171223	7.648	ug/l #	84
40) Benzene	8.461	78	201657	3.589	ug/l	99
52) Toluene	10.507	92	12786	0.380	ug/l	100
67) Ethyl Benzene	11.843	91	1393643	22.577	ug/l	96
68) m/p-Xylenes	11.958	106	405856	18.073	ug/l	90
69) o-Xylene	12.278	106	59049	2.650	ug/l	89
73) Isopropylbenzene	12.578	105	661266	10.999	ug/l	98
78) n-propylbenzene	12.919	91	2039545	30.335	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	290366	5.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.366	105	5450147	116.626	ug/l	97
86) p-Isopropyltoluene	13.613	119	71857	1.590	ug/l #	76
95) Naphthalene	15.504	128	165922	9.485	ug/l	99

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

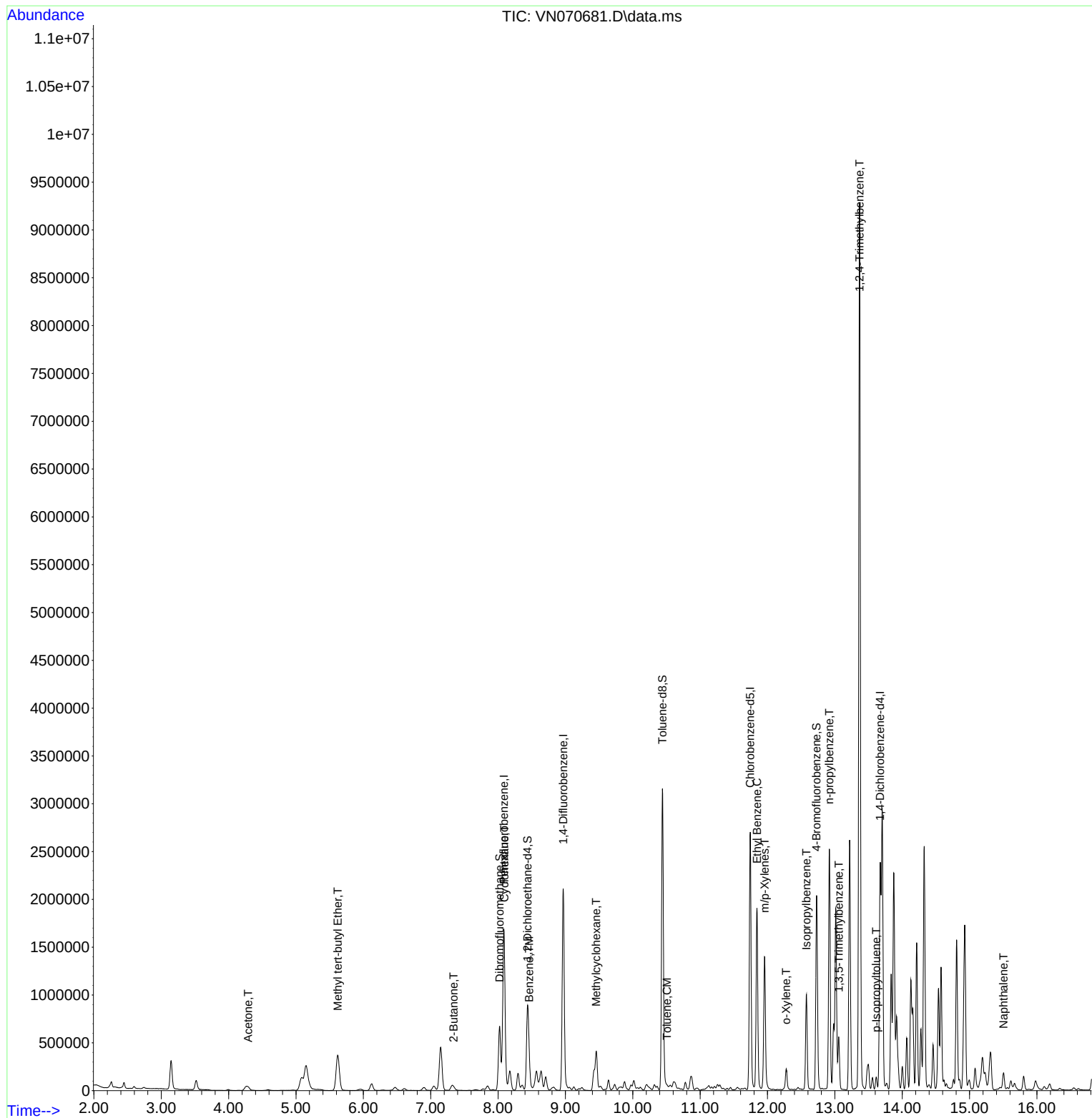
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070681.D
Acq On : 18 Jan 2022 21:57
Operator : JC/MD
Sample : N1148-03DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

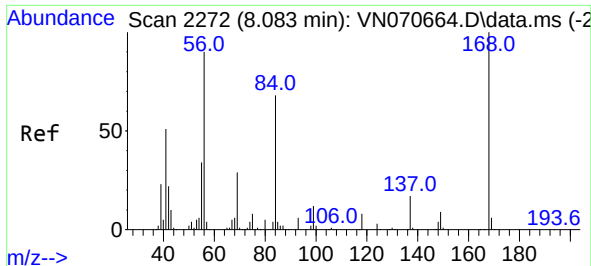
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL

Quant Time: Jan 19 03:42:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

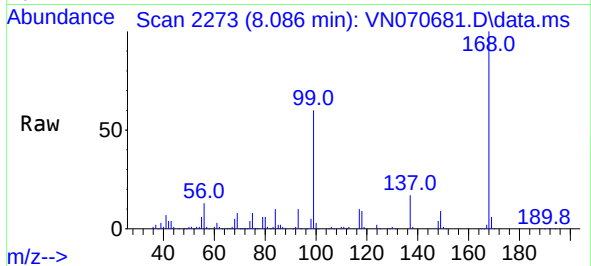
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

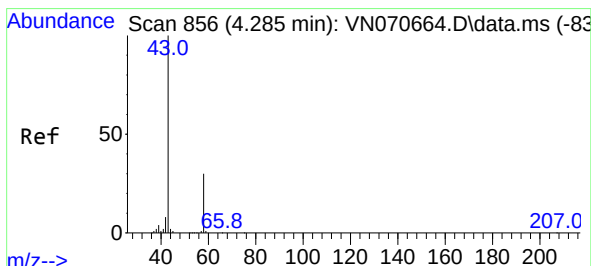
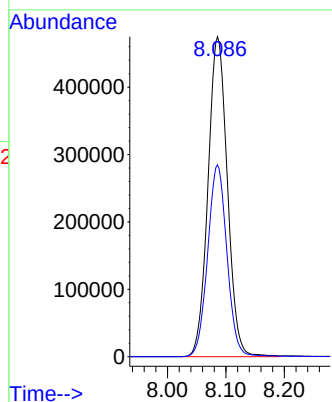
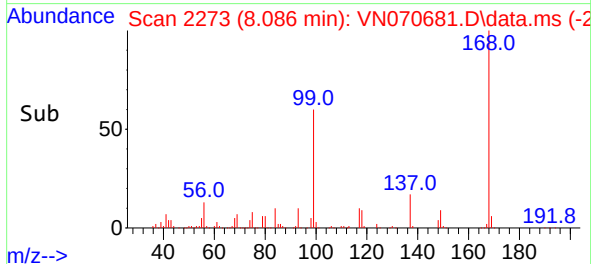
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



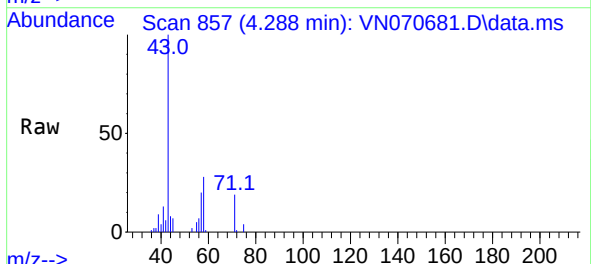
Tgt Ion:168 Resp: 109445
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

Manual Integrations
APPROVED

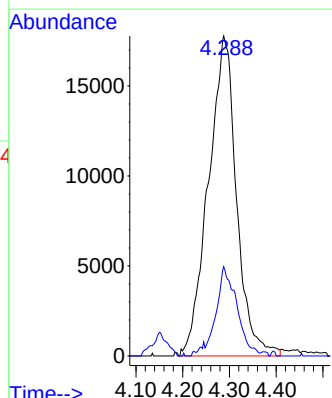
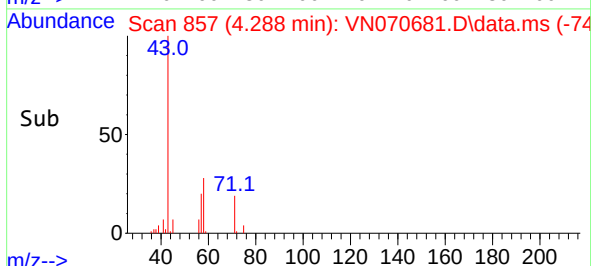
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

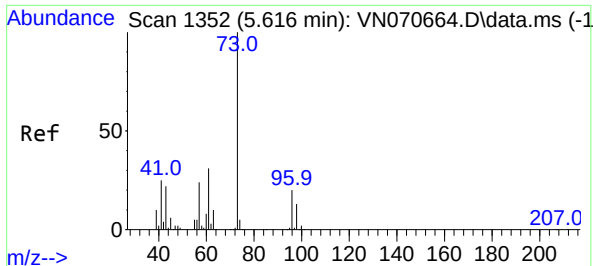


#16
Acetone
Concen: 6.824 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57



Tgt Ion: 43 Resp: 74294
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





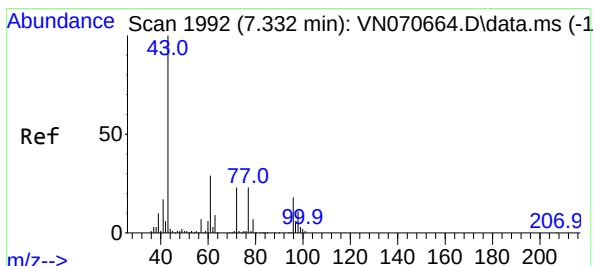
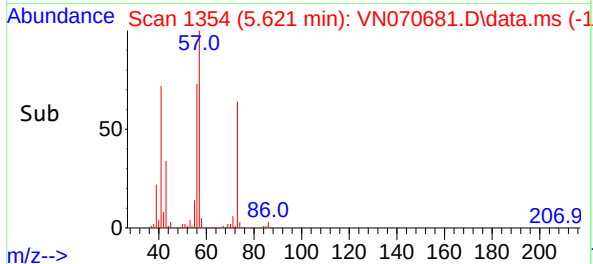
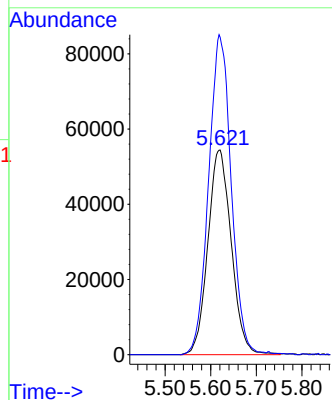
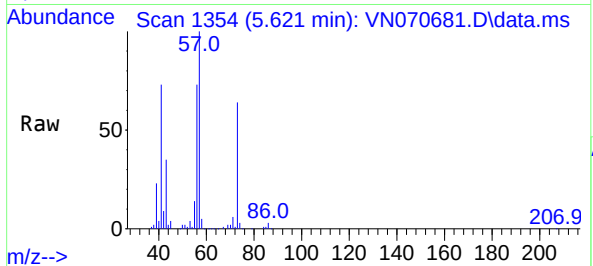
#19
Methyl tert-butyl Ether
Concen: 4.493 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL

Tgt Ion: 73 Resp: 19432
Ion Ratio Lower Upper
73 100
57 155.1 16.8 25.2

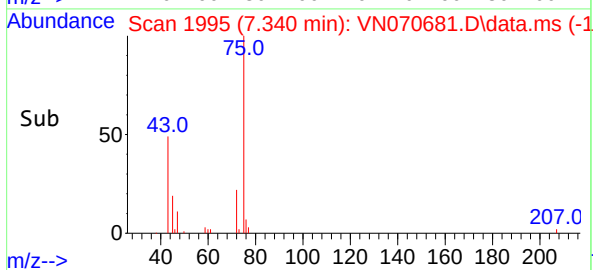
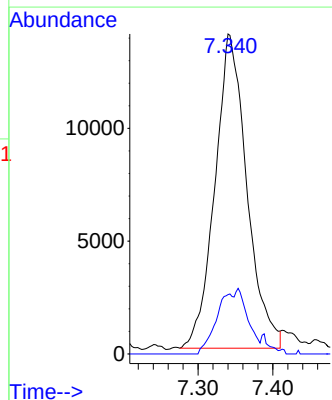
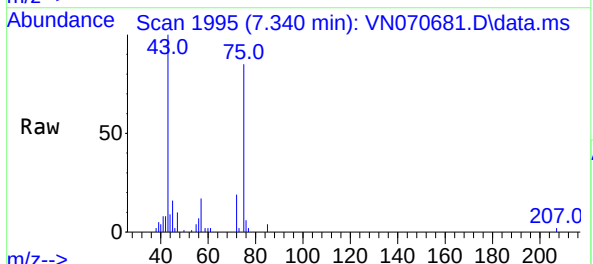
Manual Integrations
APPROVED

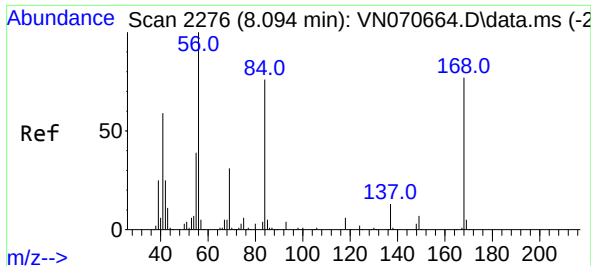
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#25
2-Butanone
Concen: 3.015 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.008 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

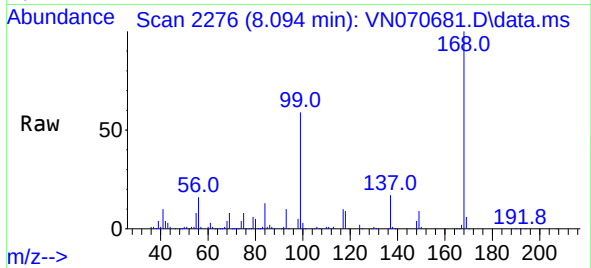
Tgt Ion: 43 Resp: 41301
Ion Ratio Lower Upper
43 100
72 18.9 21.7 32.5





#31
Cyclohexane
Concen: 6.795 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

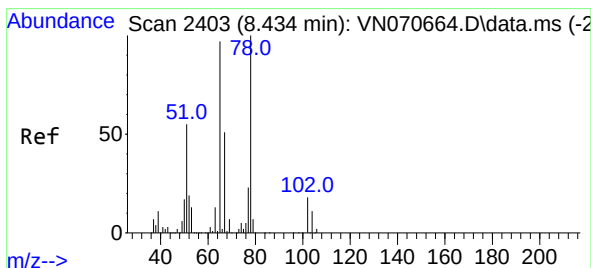
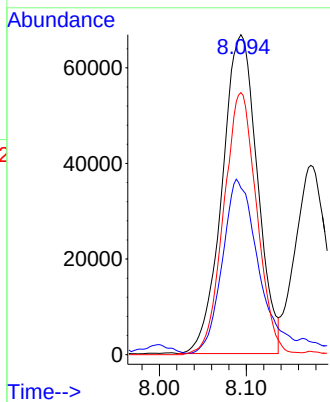
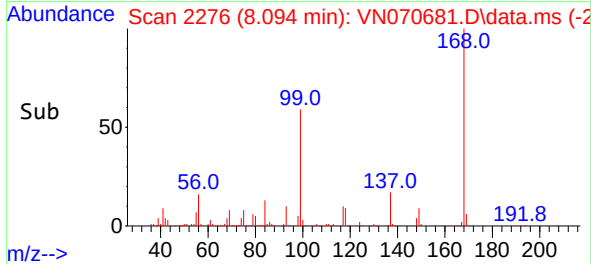
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



Tgt Ion: 56 Resp: 187688
Ion Ratio Lower Upper
56 100
69 51.1 27.1 40.7
84 82.2 73.4 110.0

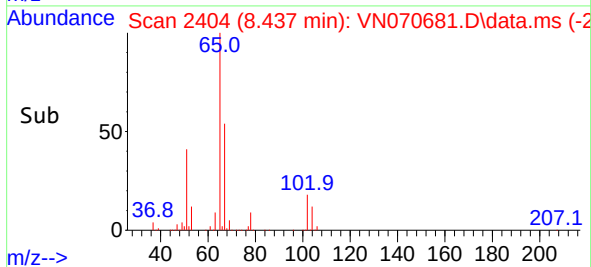
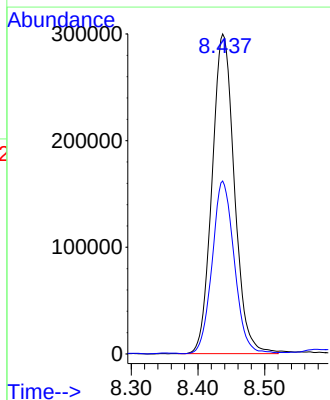
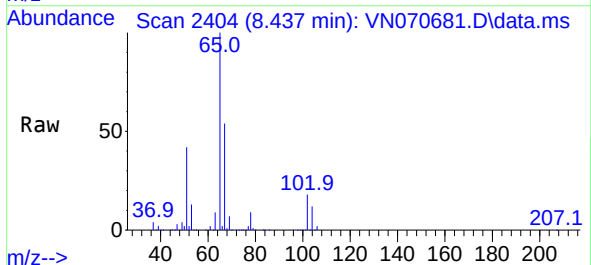
Manual Integrations
APPROVED

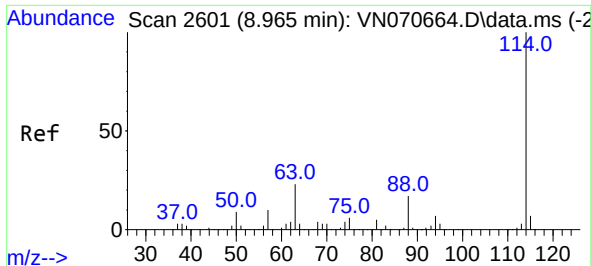
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#33
1,2-Dichloroethane-d4
Concen: 44.469 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

Tgt Ion: 65 Resp: 697502
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2601

Delta R.T. 0.003 min

Lab File: VN070681.D

Acq: 18 Jan 2022 21:57

Instrument :

MSVOA_N

ClientSampleId :

MW-31RDL

Tgt Ion:114 Resp: 173669

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

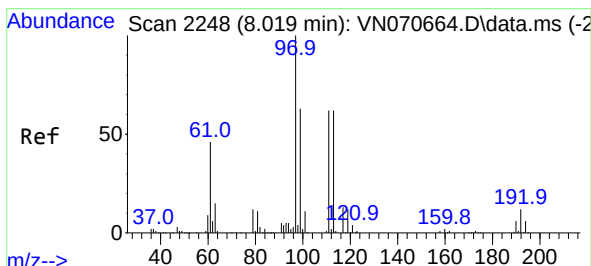
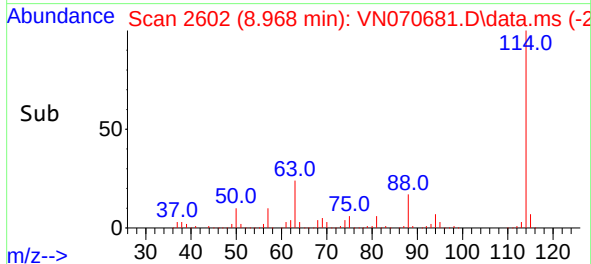
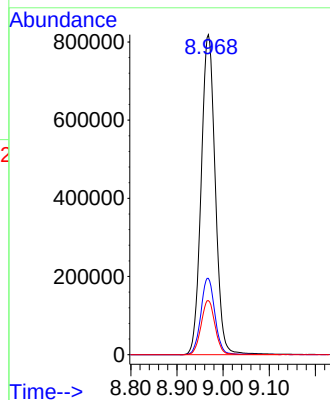
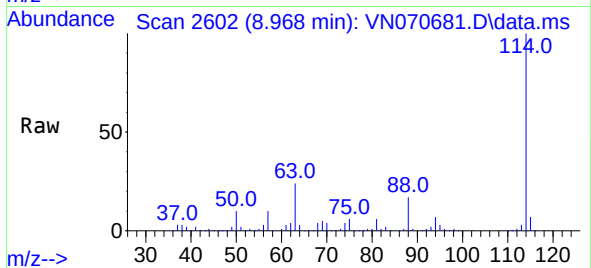
88 16.9 0.0 27.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022

Supervised By :Amit Patel 01/19/2022



#35

Dibromofluoromethane

Concen: 45.692 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070681.D

Acq: 18 Jan 2022 21:57

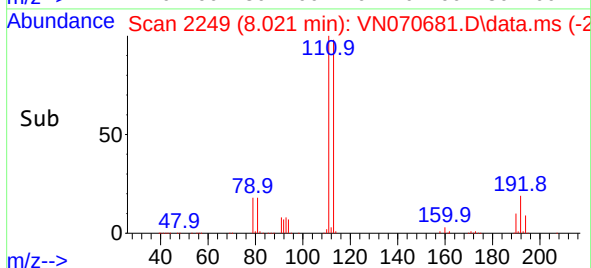
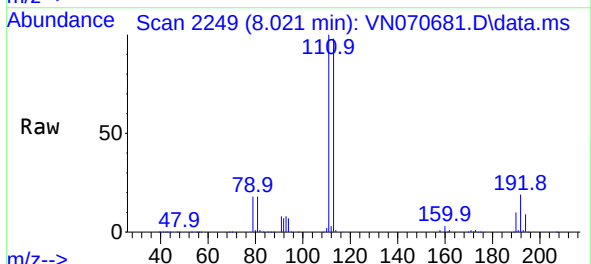
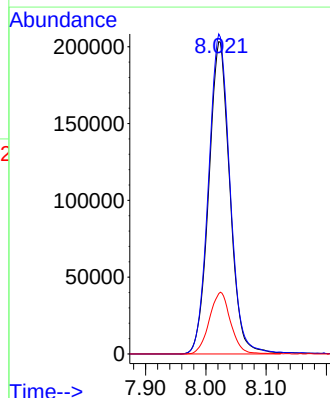
Tgt Ion:113 Resp: 492226

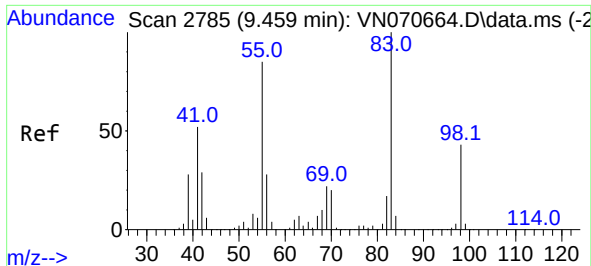
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

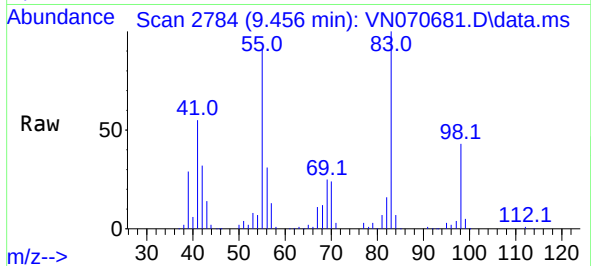
192 20.0 16.9 25.3





#39
Methylcyclohexane
Concen: 7.648 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

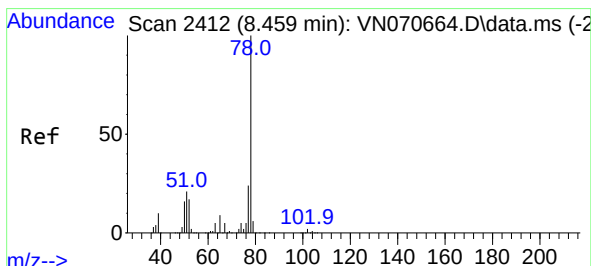
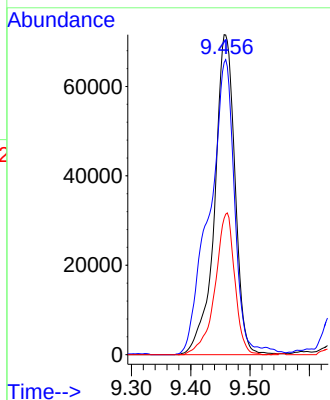
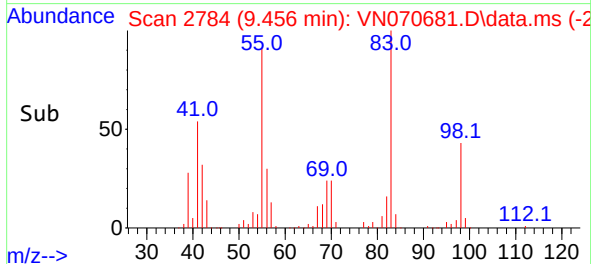
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



Tgt Ion: 83 Resp: 17122
Ion Ratio Lower Upper
83 100
55 91.0 58.1 87.1
98 42.6 38.4 57.6

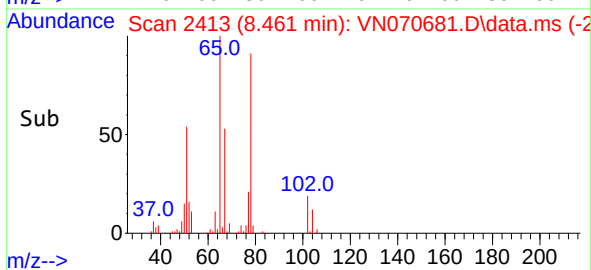
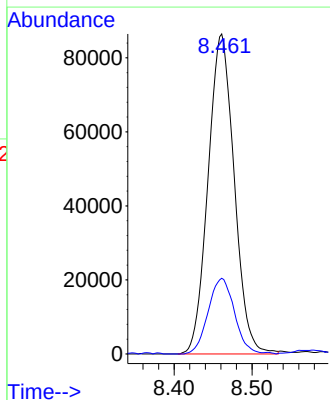
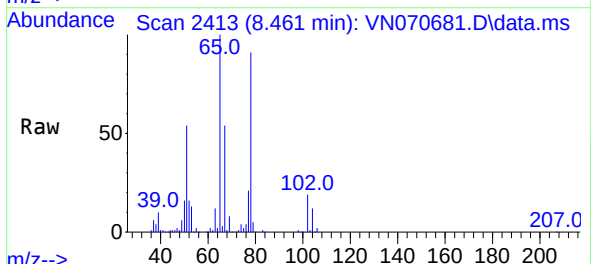
Manual Integrations
APPROVED

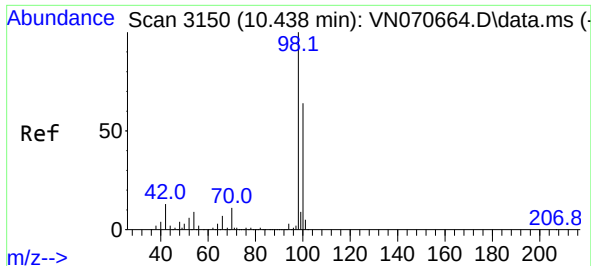
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#40
Benzene
Concen: 3.589 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

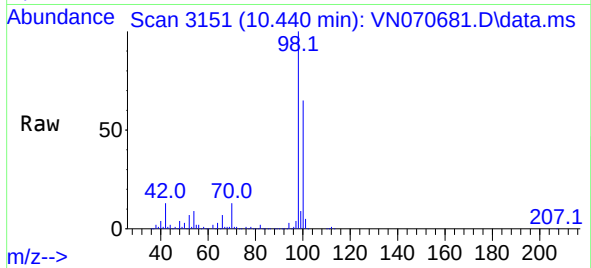
Tgt Ion: 78 Resp: 201657
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#50
Toluene-d8
Concen: 47.450 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

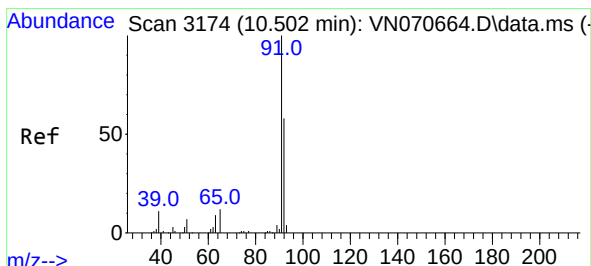
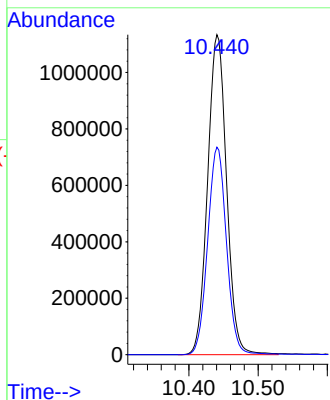
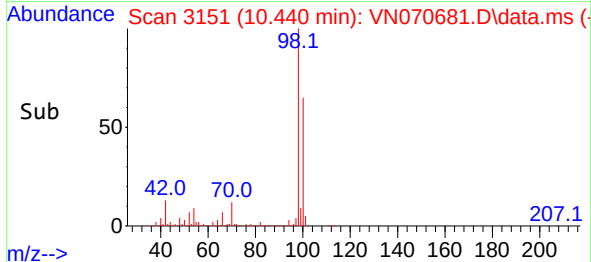
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



Tgt Ion: 98 Resp: 2153420
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

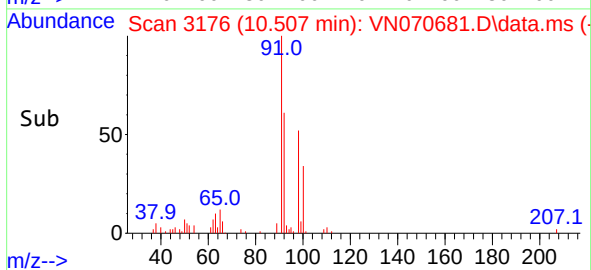
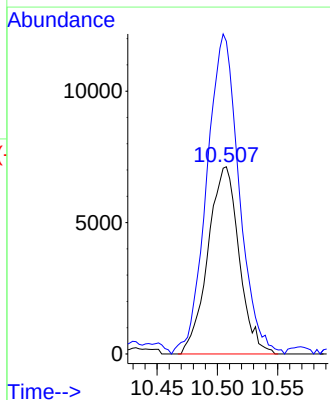
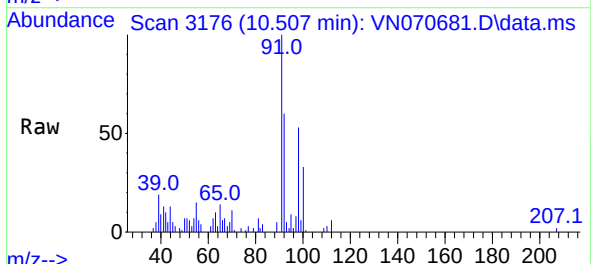
Manual Integrations
APPROVED

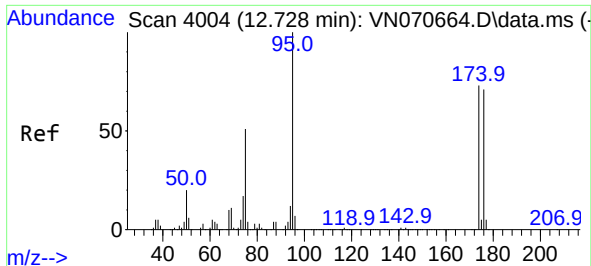
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#52
Toluene
Concen: 0.380 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.005 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

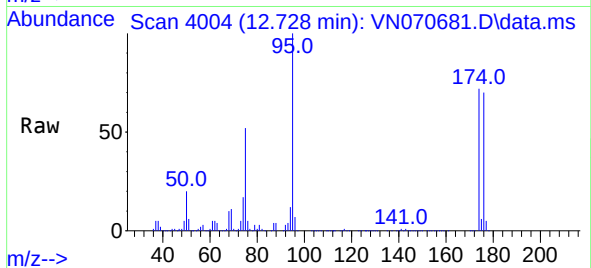
Tgt Ion: 92 Resp: 12786
Ion Ratio Lower Upper
92 100
91 177.5 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 46.716 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

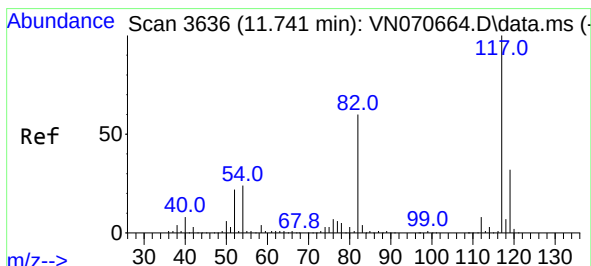
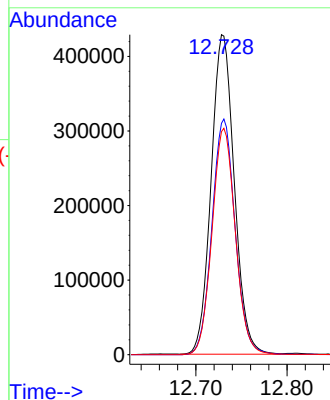
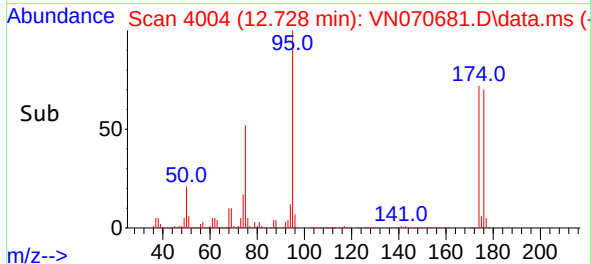
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



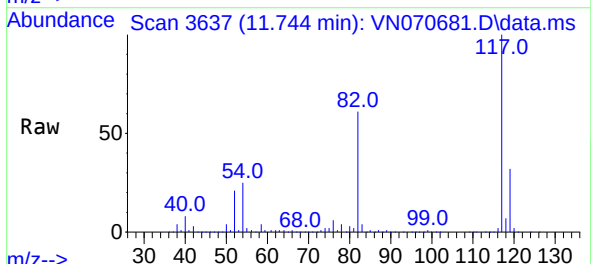
Tgt Ion: 95 Resp: 75548
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.4 0.0 181.4

Manual Integrations
APPROVED

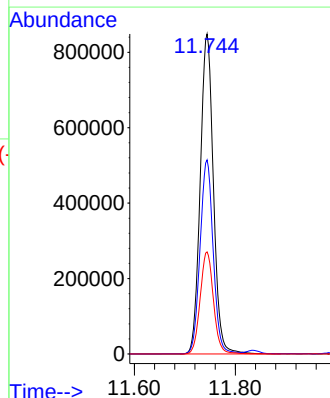
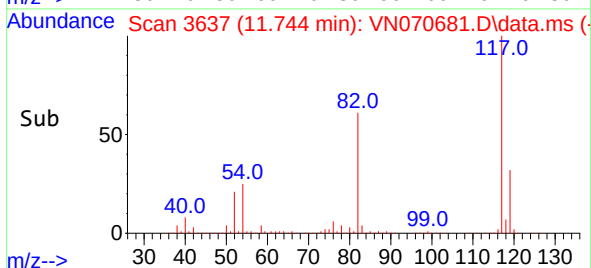
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

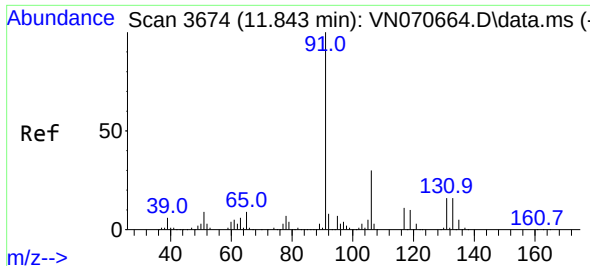


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57



Tgt Ion:117 Resp: 1536707
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.9 25.4 38.2





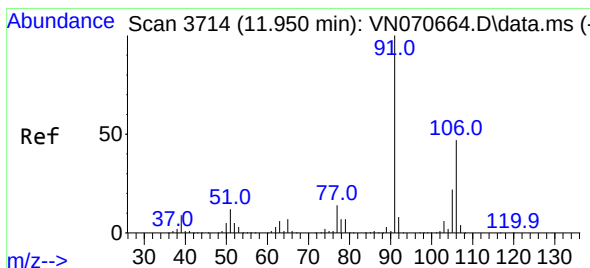
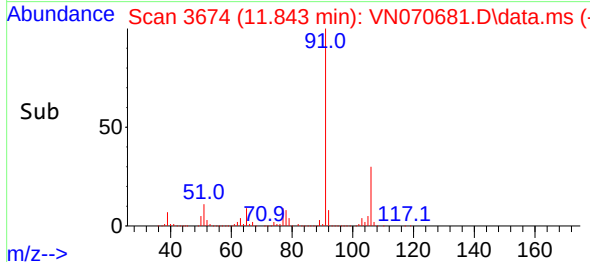
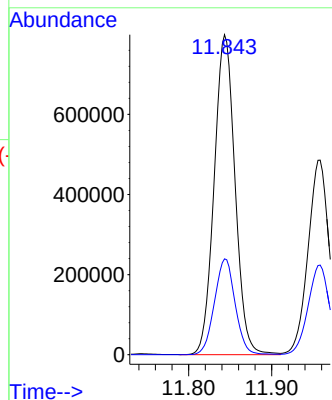
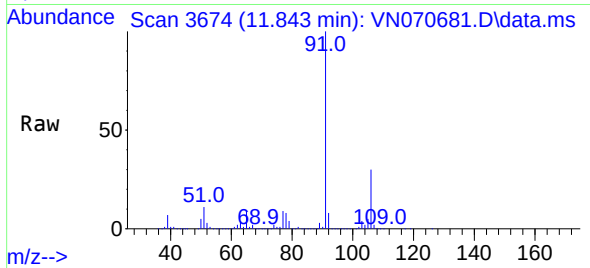
#67
Ethyl Benzene
Concen: 22.577 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL

Tgt Ion: 91 Resp: 139364
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

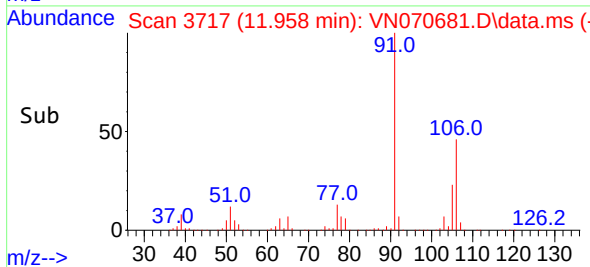
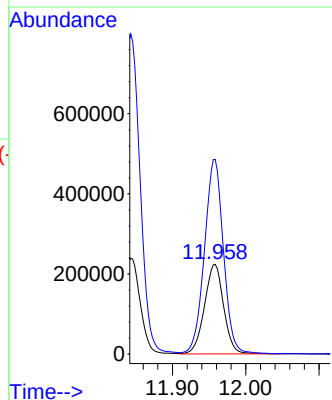
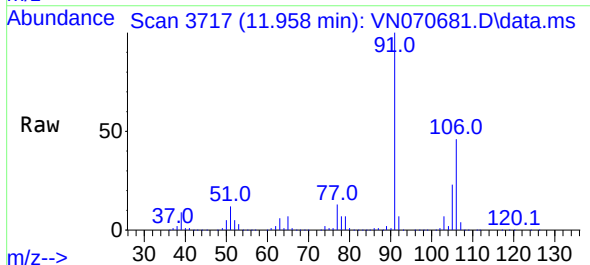
Manual Integrations
APPROVED

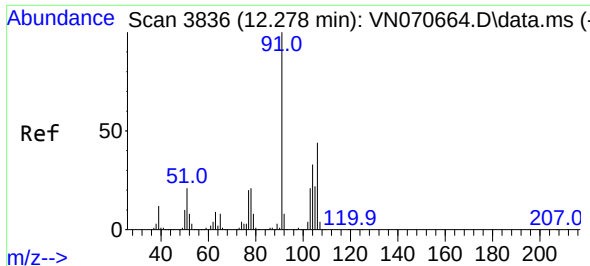
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#68
m/p-Xylenes
Concen: 18.073 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.008 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

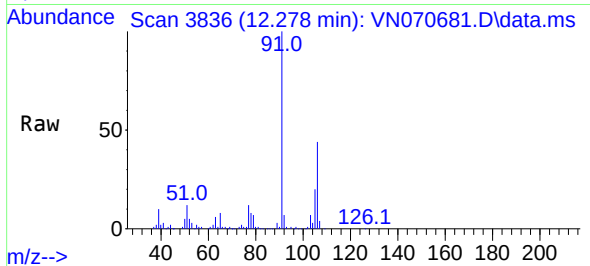
Tgt Ion:106 Resp: 405856
Ion Ratio Lower Upper
106 100
91 215.2 160.6 240.8





#69
o-Xylene
Concen: 2.650 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

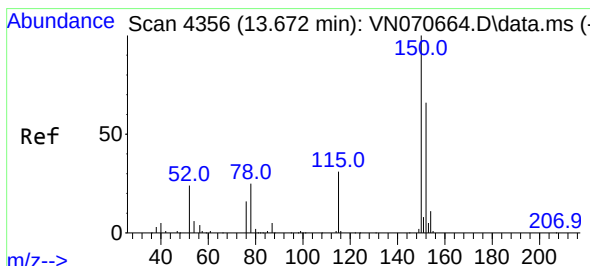
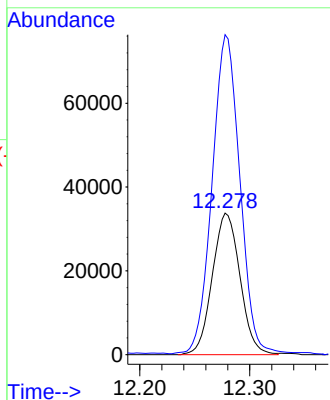
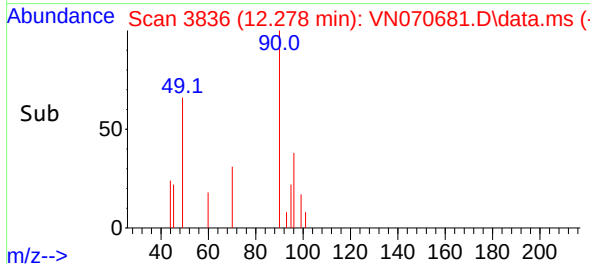
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



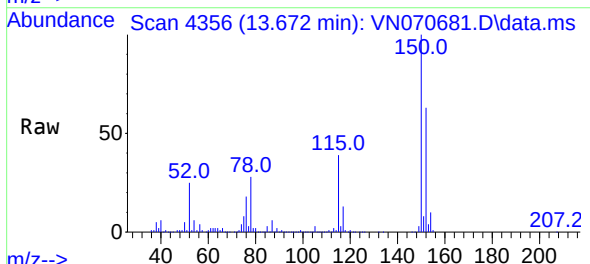
Tgt Ion:106 Resp: 59049
Ion Ratio Lower Upper
106 100
91 228.6 105.8 317.3

Manual Integrations
APPROVED

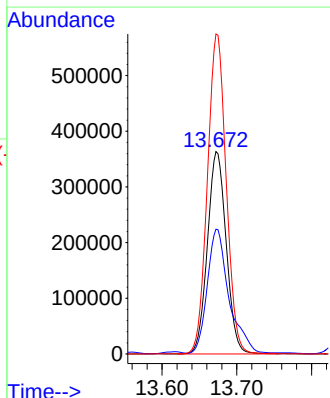
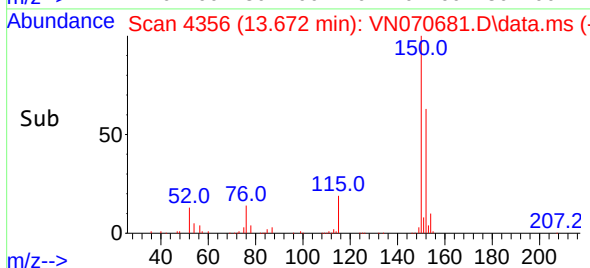
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

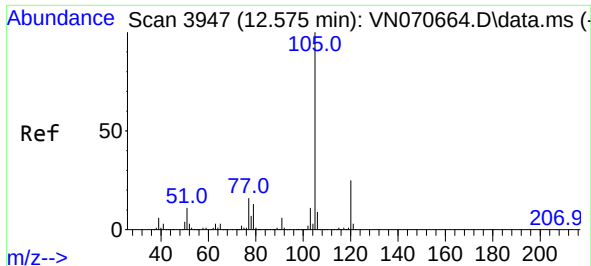


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57



Tgt Ion:152 Resp: 635475
Ion Ratio Lower Upper
152 100
115 70.5 27.5 82.5
150 157.5 0.0 344.4





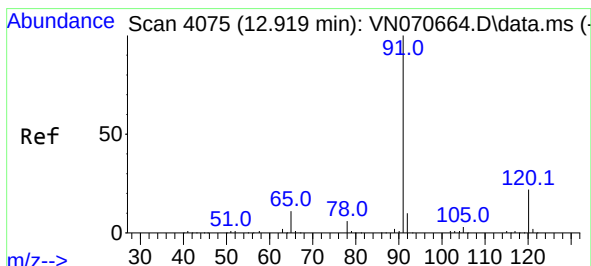
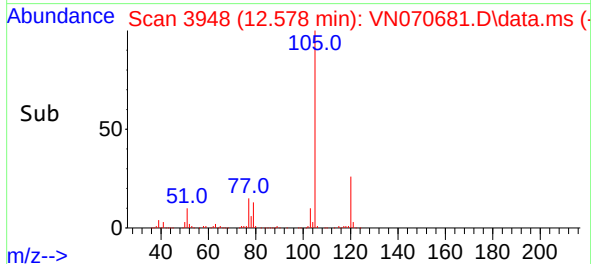
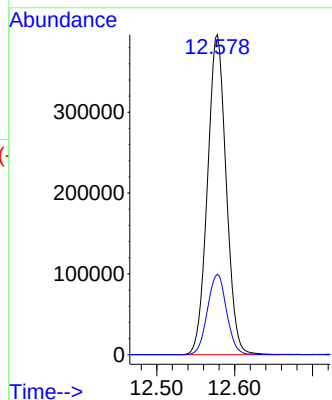
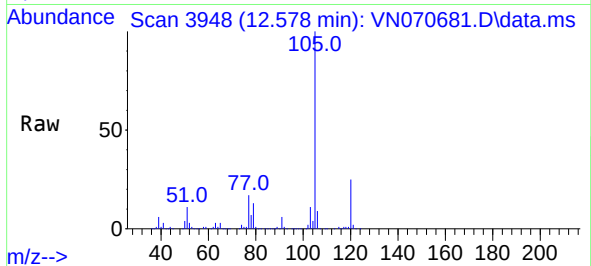
#73
Isopropylbenzene
Concen: 10.999 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL

Tgt Ion:105 Resp: 661260
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

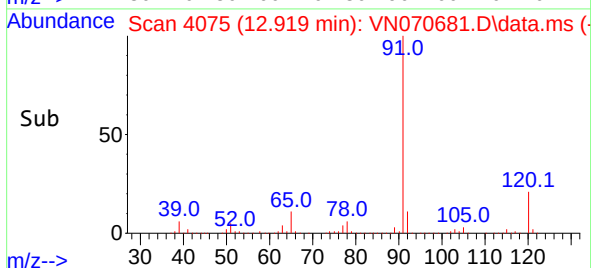
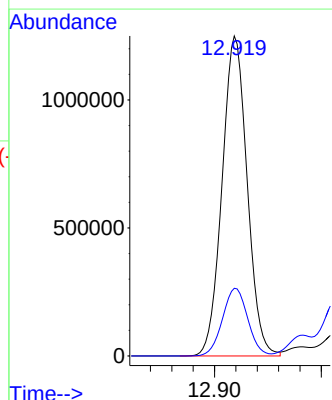
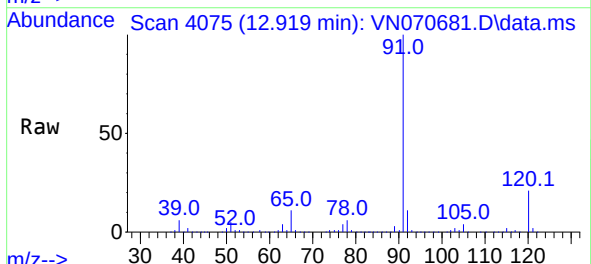
Manual Integrations
APPROVED

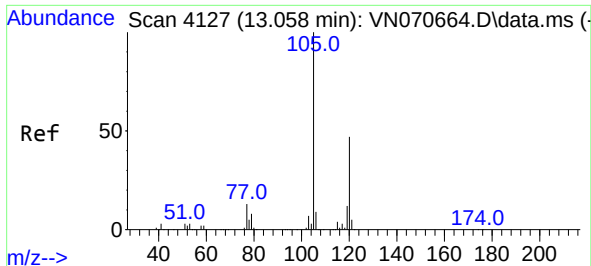
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#78
n-propylbenzene
Concen: 30.335 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

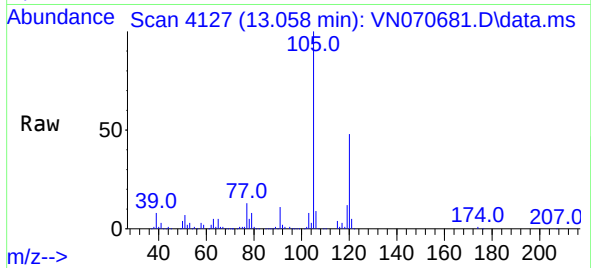
Tgt Ion: 91 Resp: 2039545
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9





#80
1,3,5-Trimethylbenzene
Concen: 5.973 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

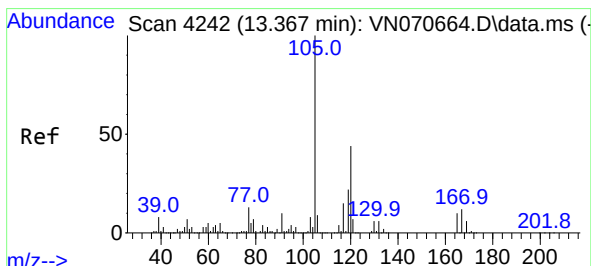
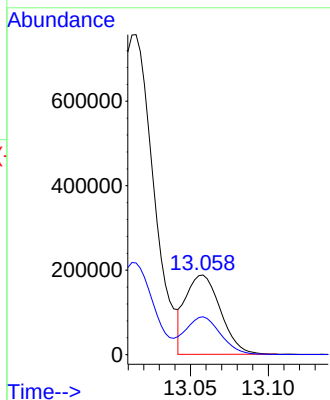
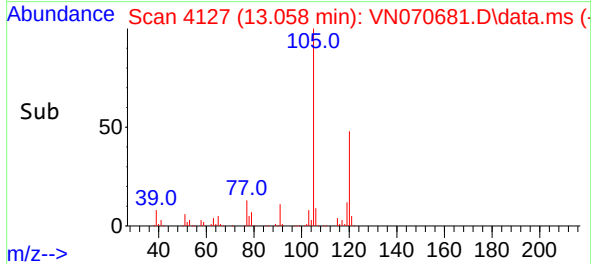
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



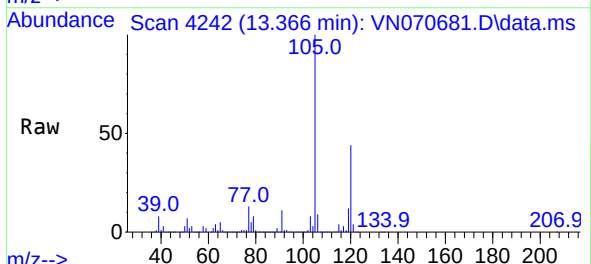
Tgt Ion:105 Resp: 290360
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6

Manual Integrations
APPROVED

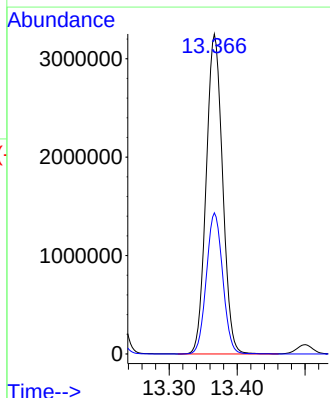
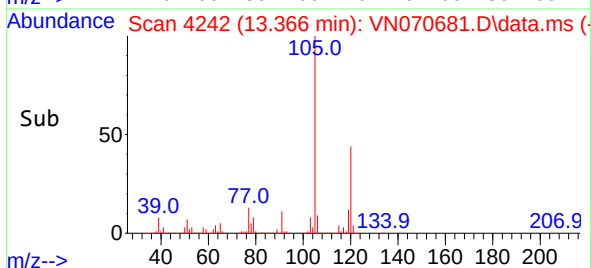
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

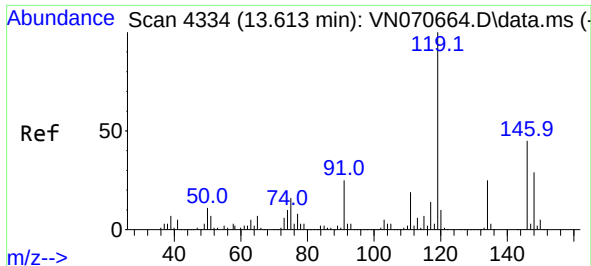


#84
1,2,4-Trimethylbenzene
Concen: 116.626 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57



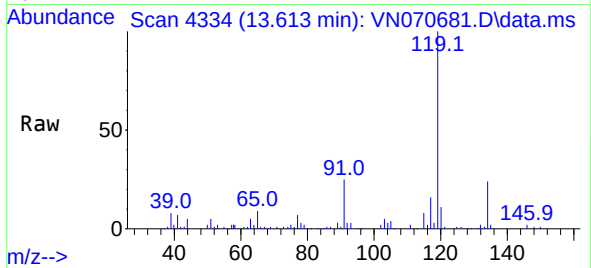
Tgt Ion:105 Resp: 5450147
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#86
p-Isopropyltoluene
Concen: 1.590 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57

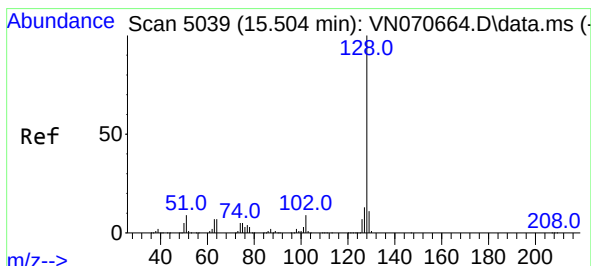
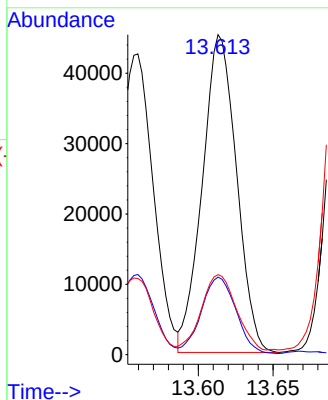
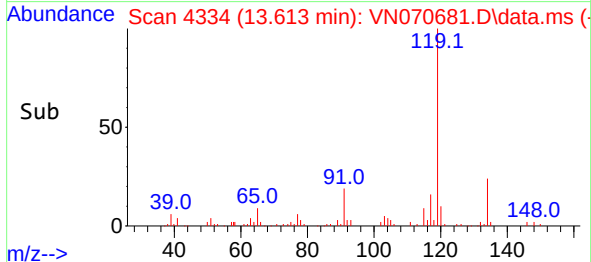
Instrument :
MSVOA_N
ClientSampleId :
MW-31RDL



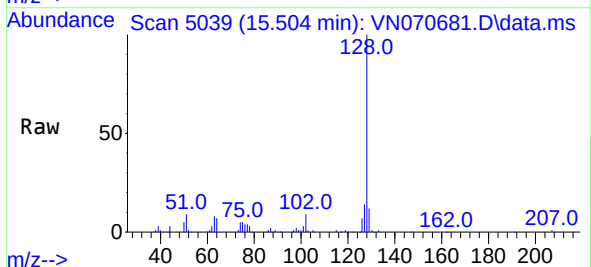
Tgt Ion:119 Resp: 7185
Ion Ratio Lower Upper
119 100
134 24.5 13.6 40.7
91 0.0 11.4 34.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#95
Naphthalene
Concen: 9.485 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070681.D
Acq: 18 Jan 2022 21:57



Tgt Ion:128 Resp: 165922
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.3 8.7 13.1

