

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070910.D
 Acq On : 2 Feb 2022 23:40
 Operator : JC/MD
 Sample : N1342-07DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31526DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 06:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	960798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1507280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1284702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	594922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	584214	44.921	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.840%		
35) Dibromofluoromethane	8.019	113	430333	47.659	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.320%		
50) Toluene-d8	10.441	98	1896839	51.164	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.320%		
62) 4-Bromofluorobenzene	12.731	95	664217	49.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.440%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.398	59	795141	290.962	ug/l	99
16) Acetone	4.288	43	805667	103.602	ug/l	96
18) Methyl Acetate	4.854	43	298239	16.508	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	260314	7.042	ug/l	93
25) 2-Butanone	7.340	43	683384	60.880	ug/l	95
29) Tetrahydrofuran	7.697	42	21070	2.890	ug/l #	70
40) Benzene	8.459	78	1652981	35.868	ug/l	100
49) 1,4-Dioxane	9.577	88	349960	1425.666	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	1299030	64.937	ug/l	98
52) Toluene	10.505	92	1167762	40.896	ug/l	97
67) Ethyl Benzene	11.843	91	204969	4.182	ug/l	96
68) m/p-Xylenes	11.948	106	401115	22.086	ug/l	92
69) o-Xylene	12.280	106	209820	11.544	ug/l	92
73) Isopropylbenzene	12.578	105	15606	0.301	ug/l	98
84) 1,2,4-Trimethylbenzene	13.385	105	246804m	5.998	ug/l	
95) Naphthalene	15.504	128	251523	11.035	ug/l	98

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

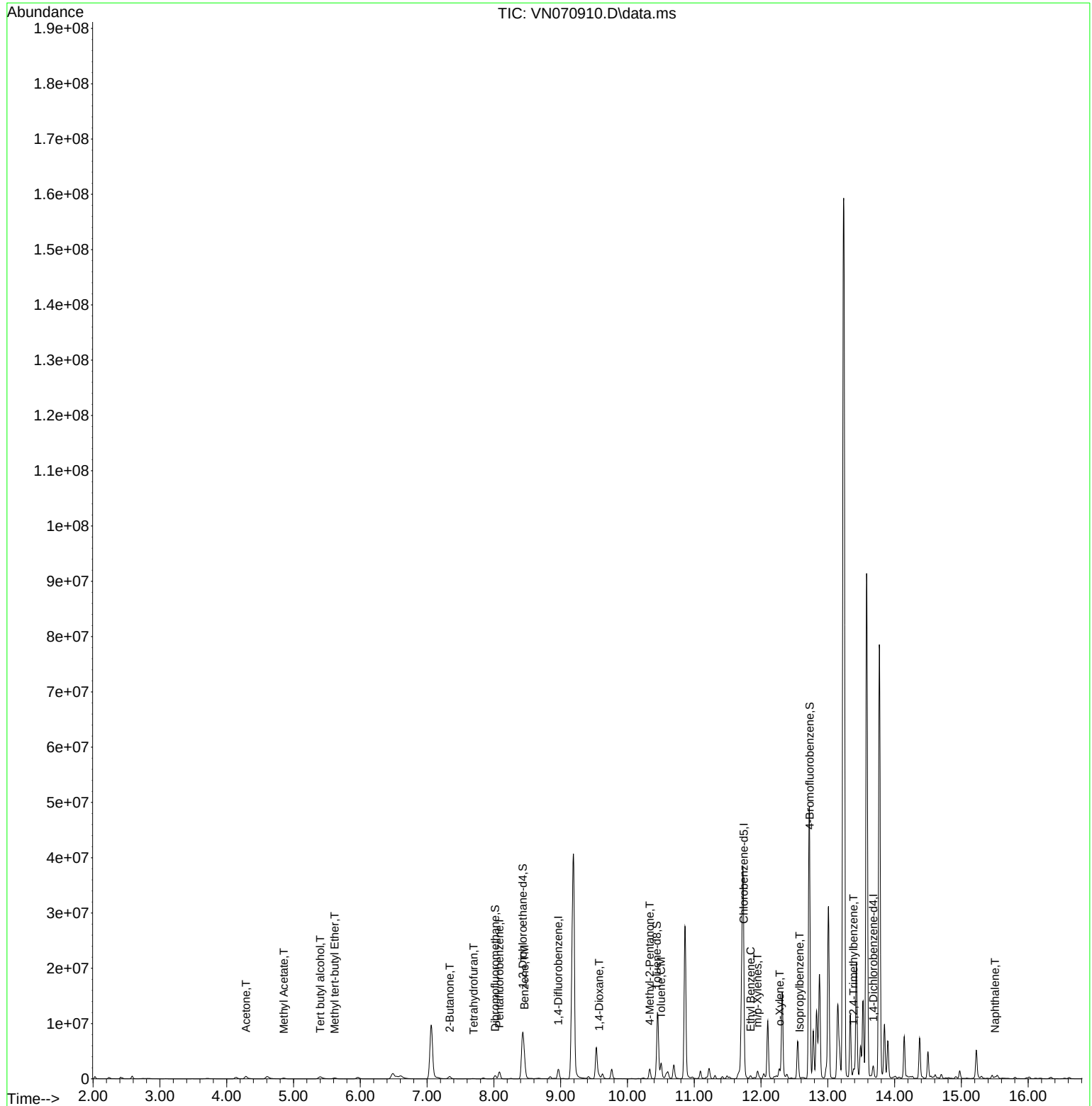
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
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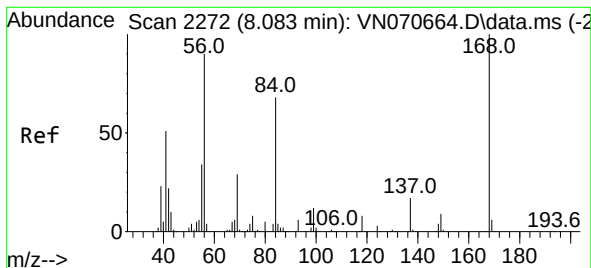
Instrument :
MSVOA_N
ClientSampleId :
31526DL

Quant Time: Feb 03 06:00:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
Quant Title : SW846 8260
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Supervised By : Mahesh Dadoda 02/04/2022





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

31526DL

Tgt Ion:168 Resp: 960798

Ion Ratio Lower Upper

168 100

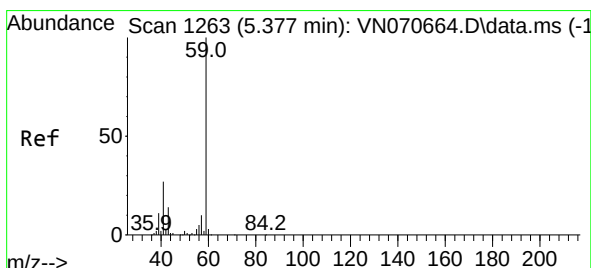
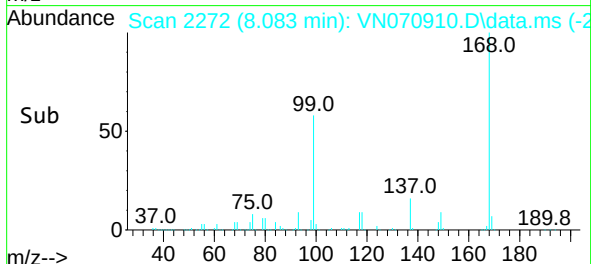
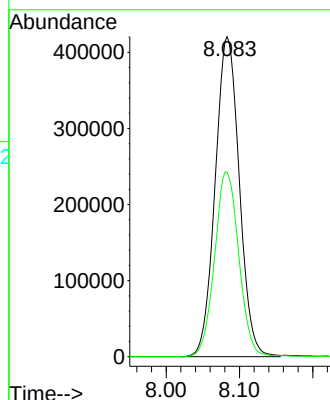
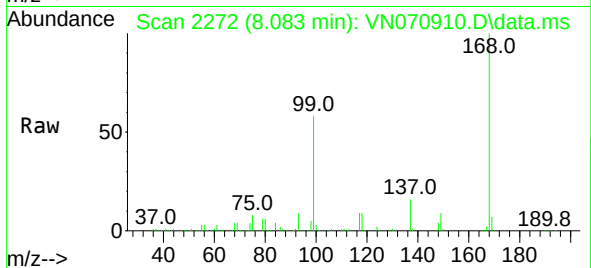
99 57.6 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#11

Tert butyl alcohol

Concen: 290.962 ug/l

RT: 5.398 min Scan# 1271

Delta R.T. 0.016 min

Lab File: VN070910.D

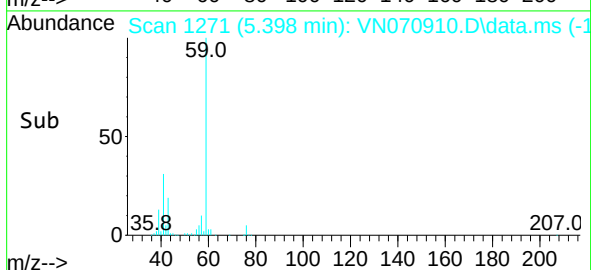
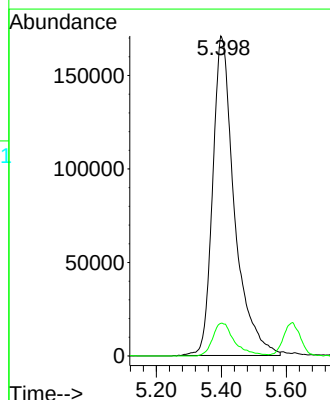
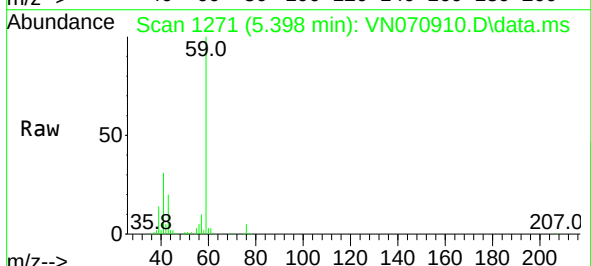
Acq: 2 Feb 2022 23:40

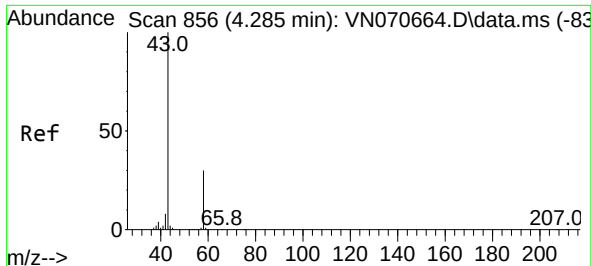
Tgt Ion: 59 Resp: 795141

Ion Ratio Lower Upper

59 100

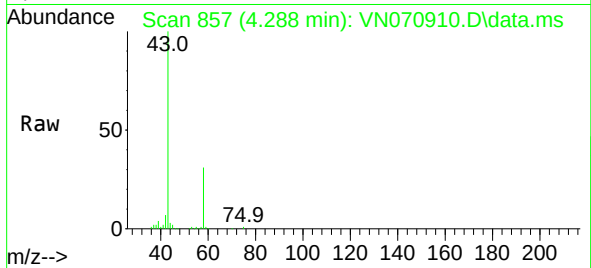
57 10.4 8.7 13.1





#16
Acetone
Concen: 103.602 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

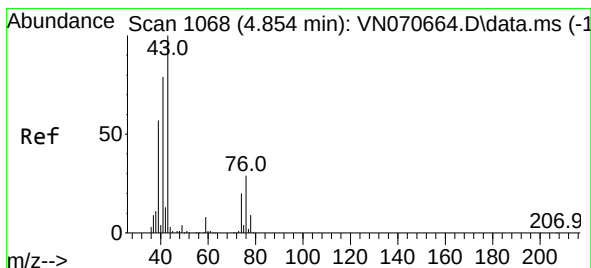
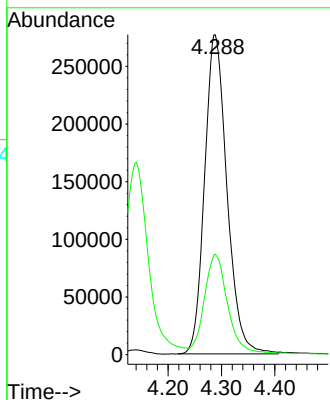
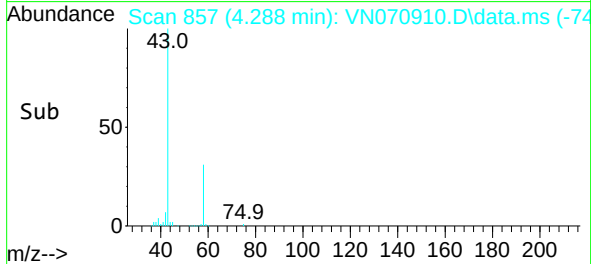
Instrument :
MSVOA_N
ClientSampleId :
31526DL



Tgt Ion: 43 Resp: 80566
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

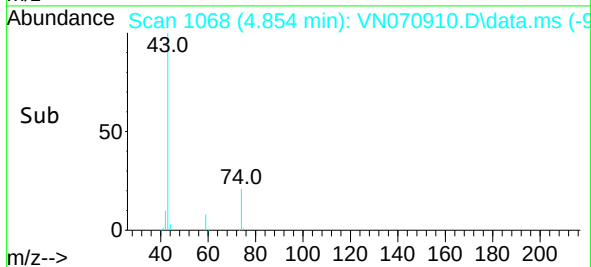
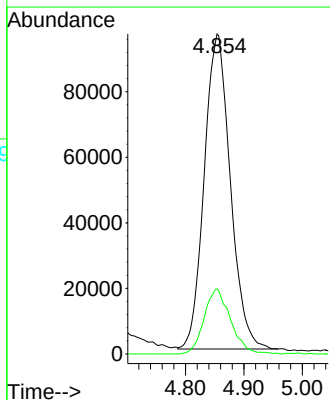
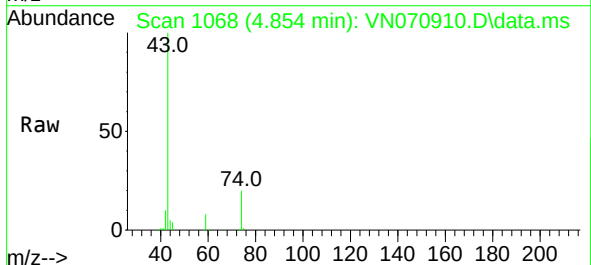
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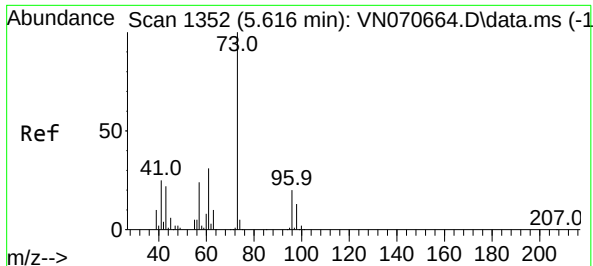
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#18
Methyl Acetate
Concen: 16.508 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

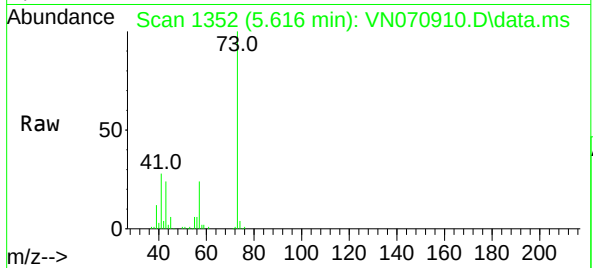
Tgt Ion: 43 Resp: 298239
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 7.042 ug/l
RT: 5.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

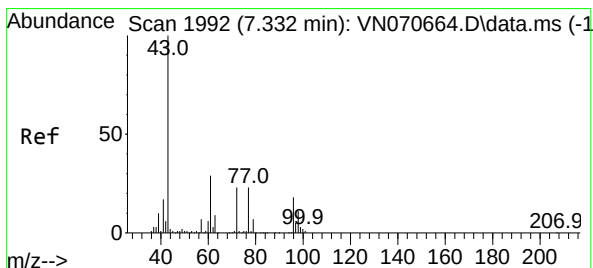
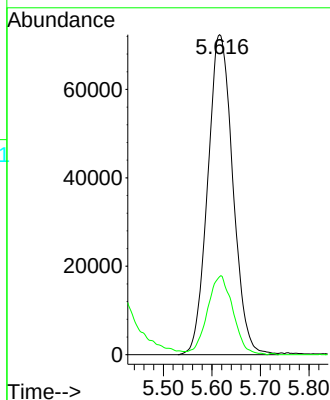
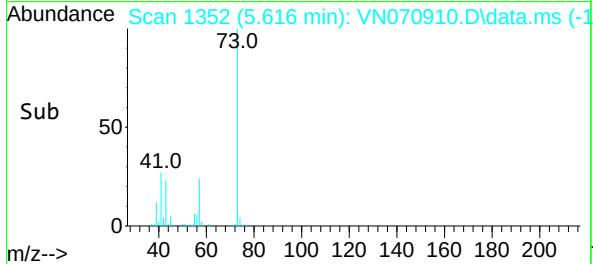
Instrument :
MSVOA_N
ClientSampleId :
31526DL



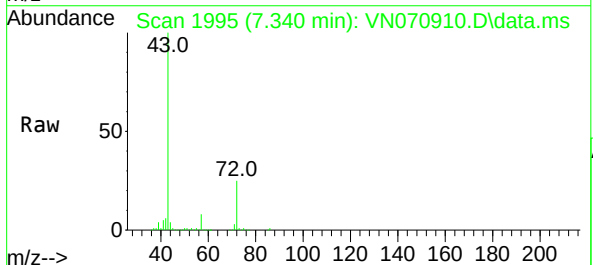
Tgt Ion: 73 Resp: 260314
Ion Ratio Lower Upper
73 100
57 24.4 16.8 25.2

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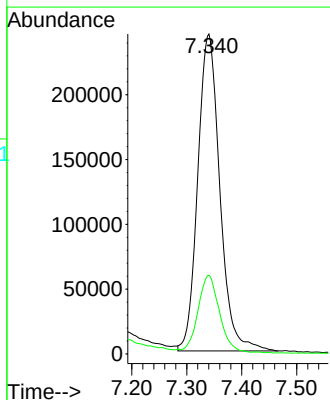
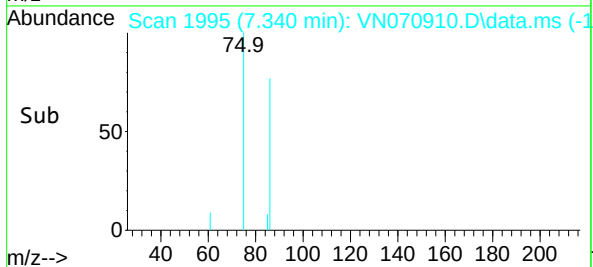
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

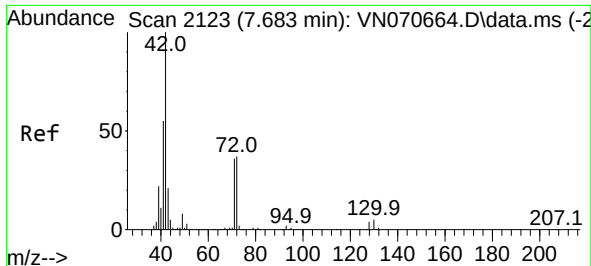


#25
2-Butanone
Concen: 60.880 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40



Tgt Ion: 43 Resp: 683384
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5





#29

Tetrahydrofuran

Concen: 2.890 ug/l

RT: 7.697 min Scan# 2107

Delta R.T. 0.011 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

31526DL

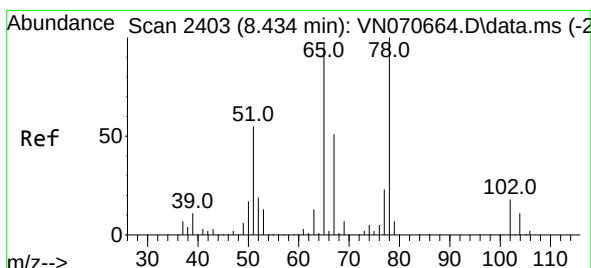
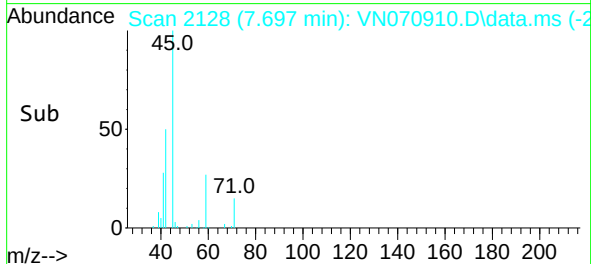
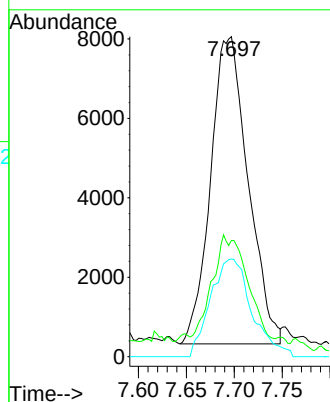
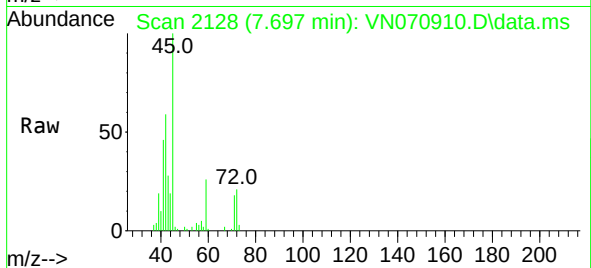
Tgt Ion:	42	Resp:	2107
Ion	Ratio	Lower	Upper
42	100		
72	14.7	36.3	54.5
71	34.8	34.7	52.1

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 02/04/2022



#33

1,2-Dichloroethane-d4

Concen: 44.921 ug/l

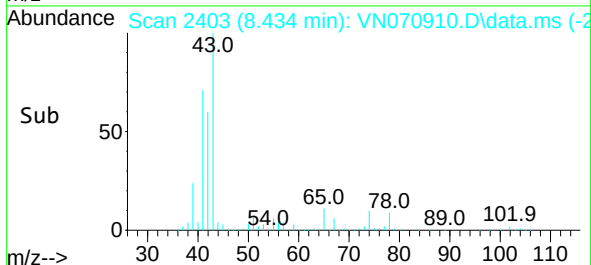
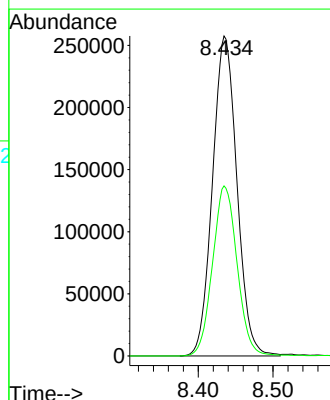
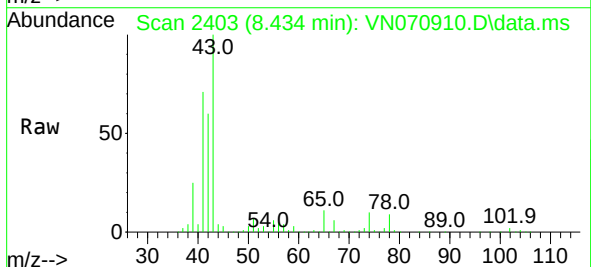
RT: 8.434 min Scan# 2403

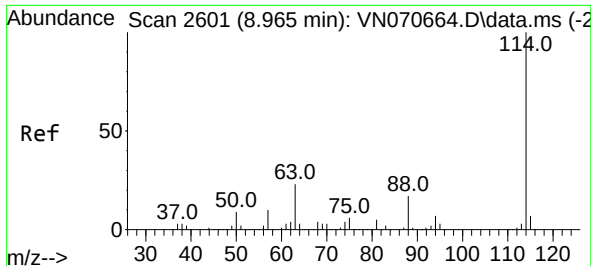
Delta R.T. -0.003 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

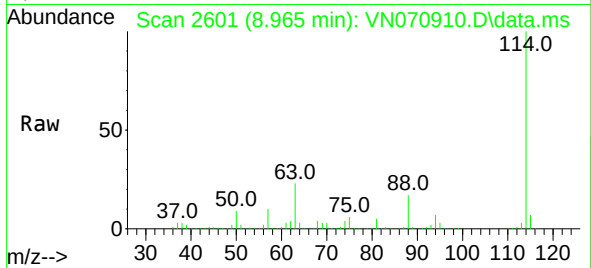
Tgt Ion:	65	Resp:	584214
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

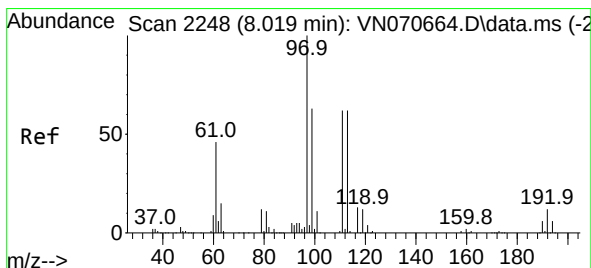
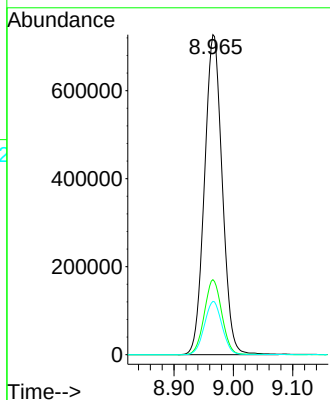
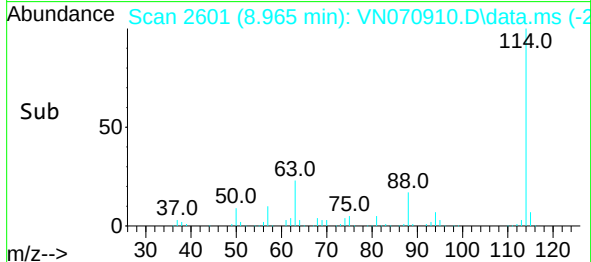
Instrument :
MSVOA_N
ClientSampleId :
31526DL



Tgt Ion:114 Resp: 1507280
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.6 0.0 27.4

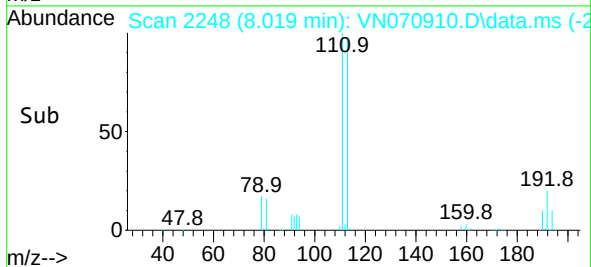
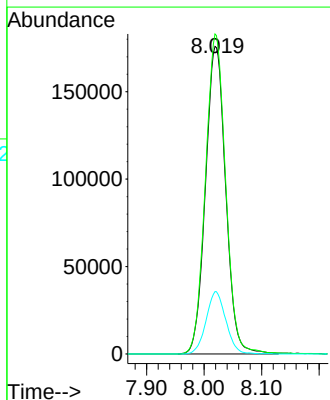
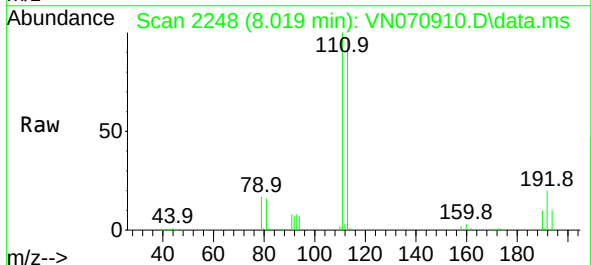
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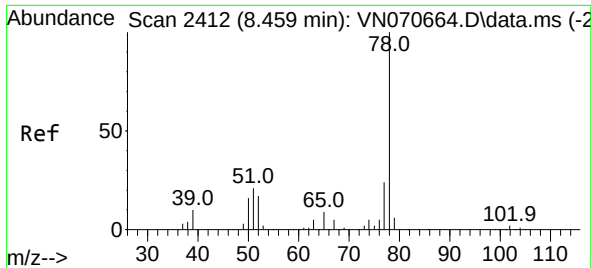
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#35
Dibromofluoromethane
Concen: 47.659 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion:113 Resp: 430333
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.8 16.9 25.3





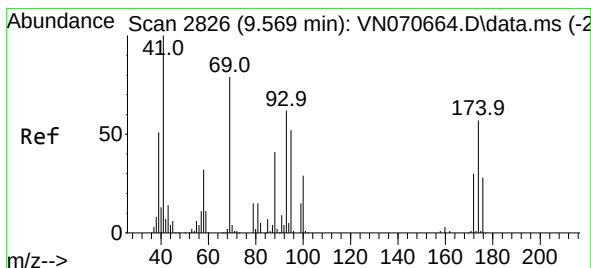
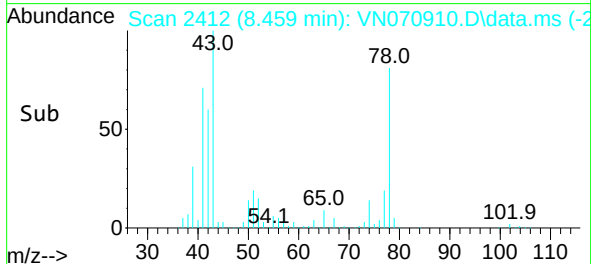
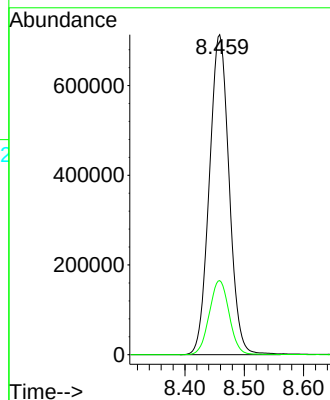
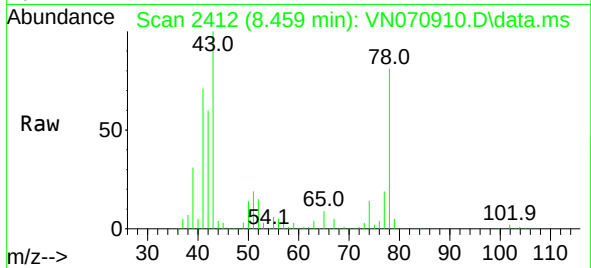
#40
Benzene
Concen: 35.868 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

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31526DL

Tgt Ion: 78 Resp: 165298
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

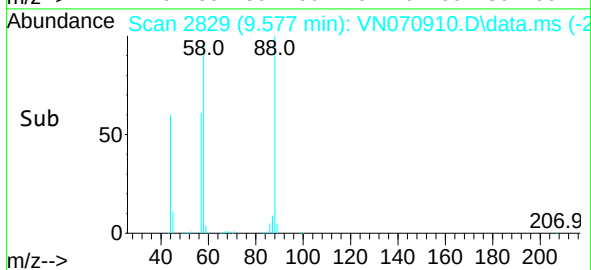
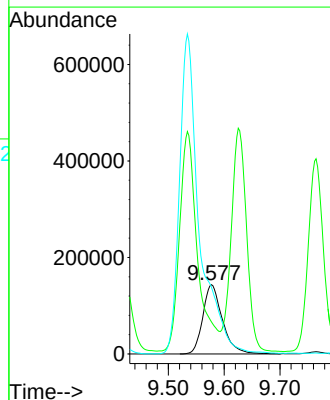
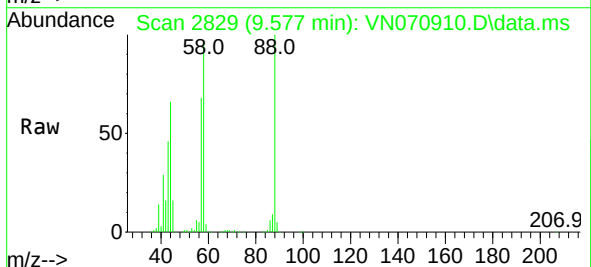
Manual Integrations
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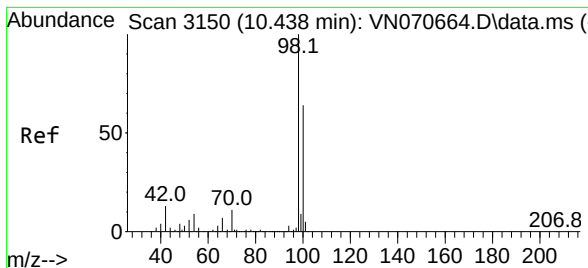
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#49
1,4-Dioxane
Concen: 1425.666 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.008 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

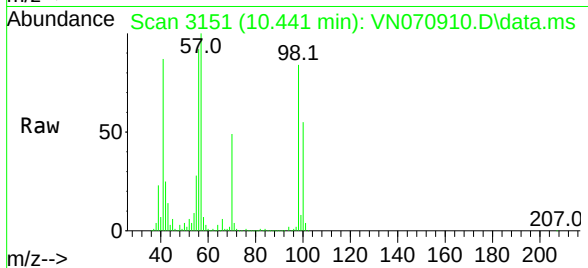
Tgt Ion: 88 Resp: 349960
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





#50
Toluene-d8
Concen: 51.164 ug/l
RT: 10.441 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

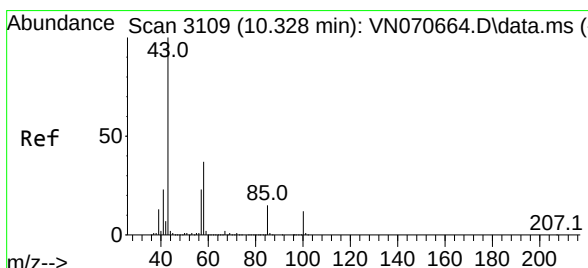
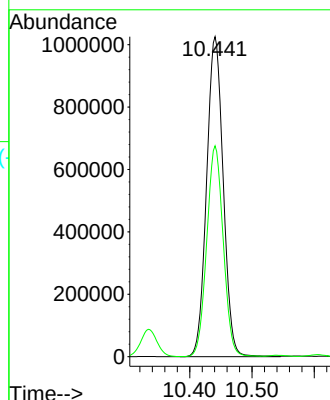
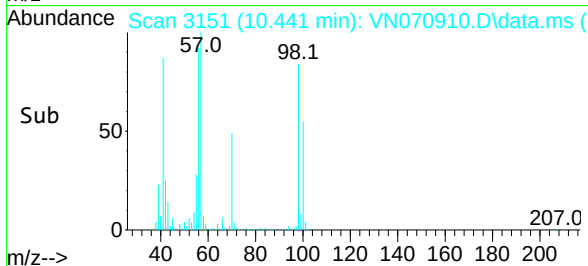
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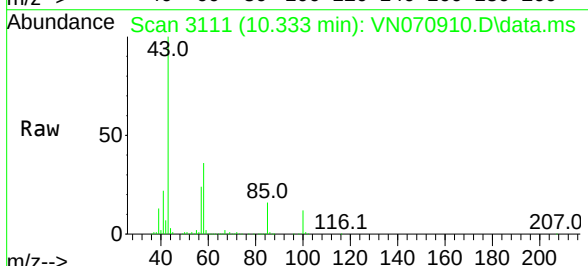
Tgt Ion: 98 Resp: 1896839
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

Manual Integrations
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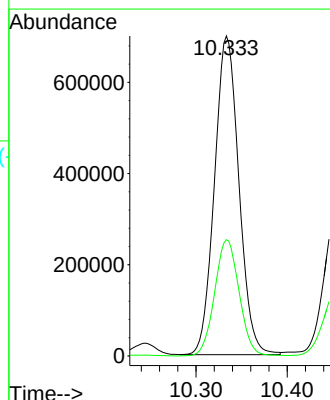
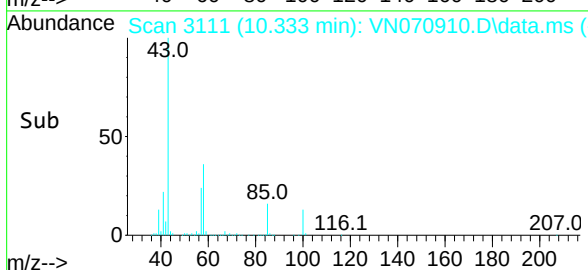
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

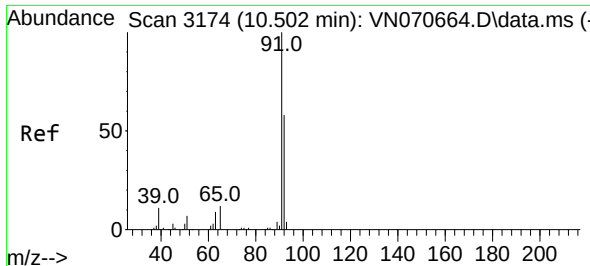


#51
4-Methyl-2-Pentanone
Concen: 64.937 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40



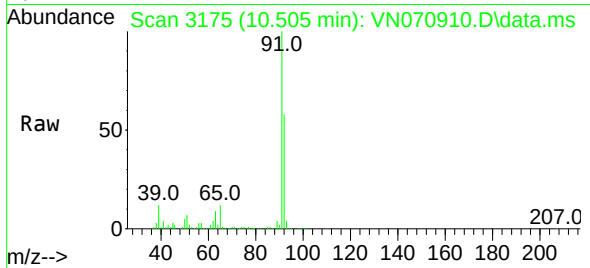
Tgt Ion: 43 Resp: 1299030
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6





#52
Toluene
Concen: 40.896 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

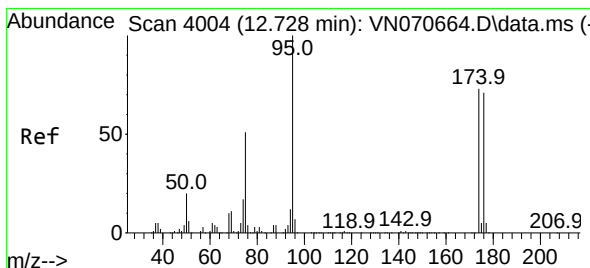
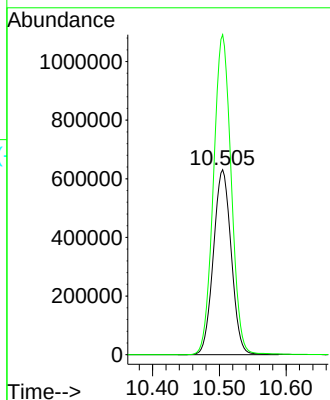
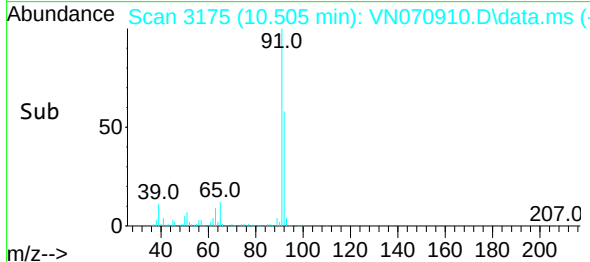
Instrument :
MSVOA_N
ClientSampleId :
31526DL



Tgt Ion: 92 Resp: 1167762
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0

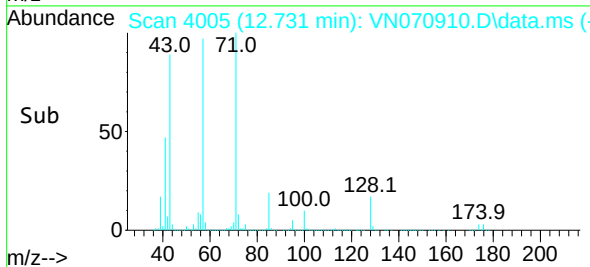
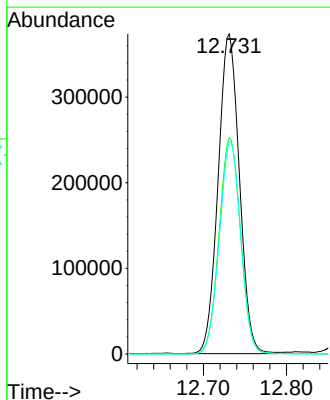
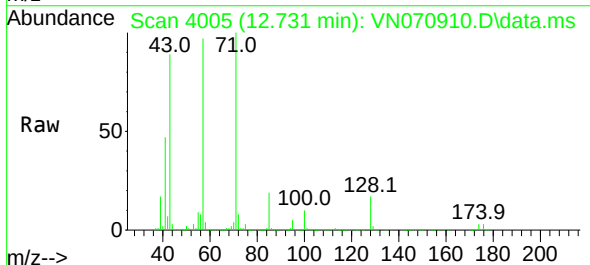
Manual Integrations
APPROVED

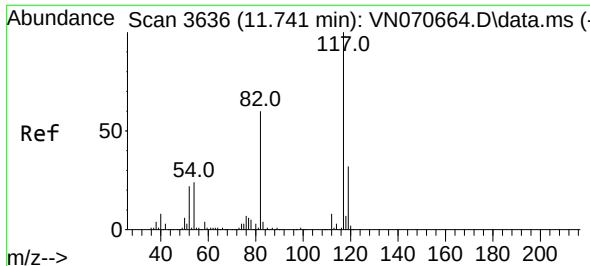
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#62
4-Bromofluorobenzene
Concen: 49.722 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

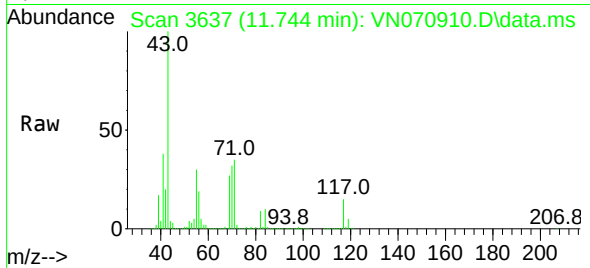
Tgt Ion: 95 Resp: 664217
Ion Ratio Lower Upper
95 100
174 68.4 0.0 187.2
176 66.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

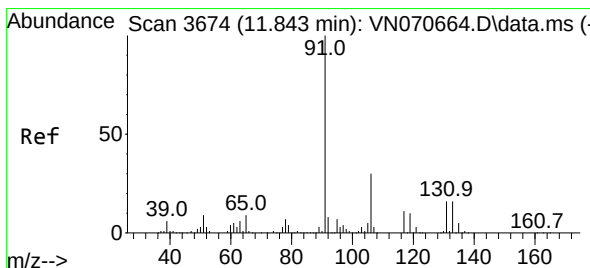
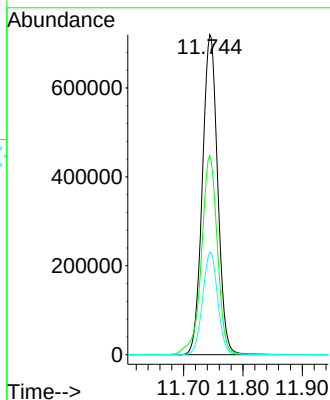
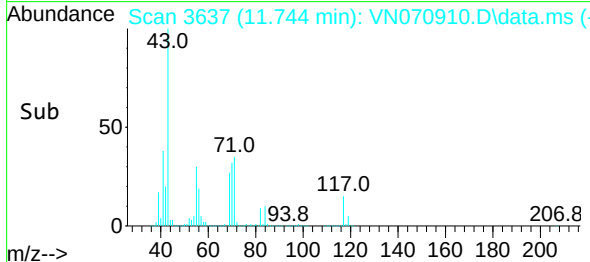
Instrument :
MSVOA_N
ClientSampleId :
31526DL



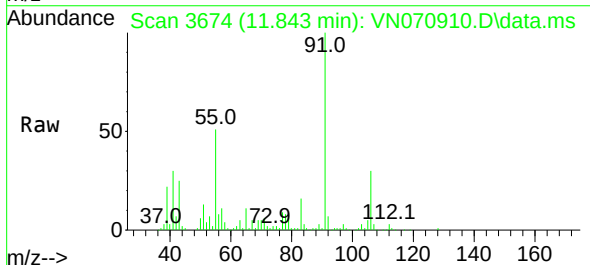
Tgt Ion:117 Resp: 128470
Ion Ratio Lower Upper
117 100
82 62.1 42.4 63.6
119 32.0 25.4 38.2

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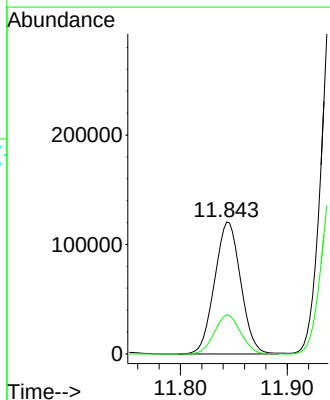
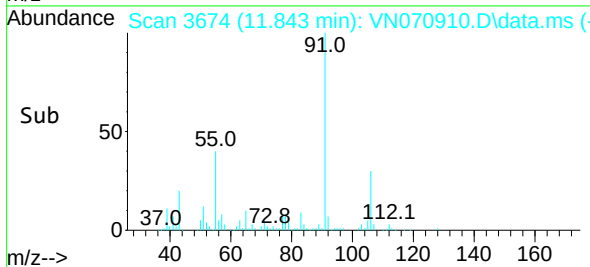
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

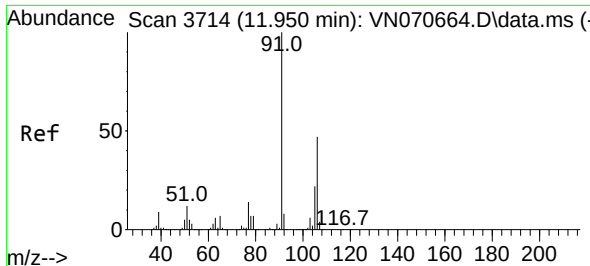


#67
Ethyl Benzene
Concen: 4.182 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40



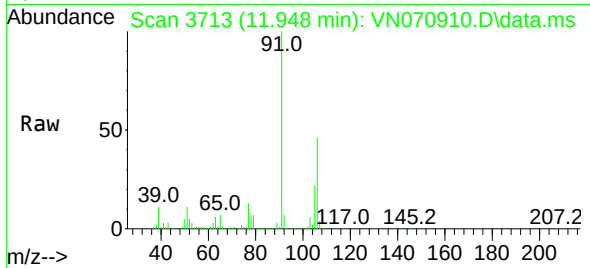
Tgt Ion: 91 Resp: 204969
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5





#68
m/p-Xylenes
Concen: 22.086 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

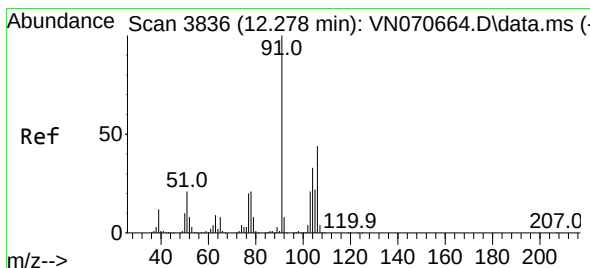
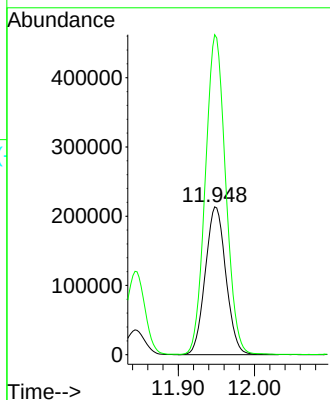
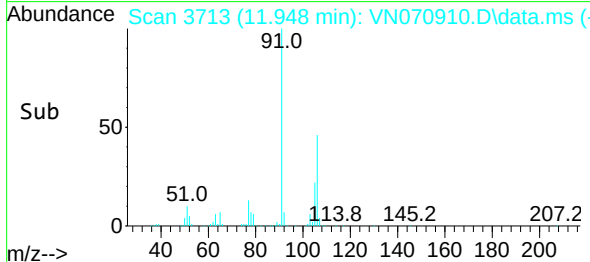
Instrument :
MSVOA_N
ClientSampleId :
31526DL



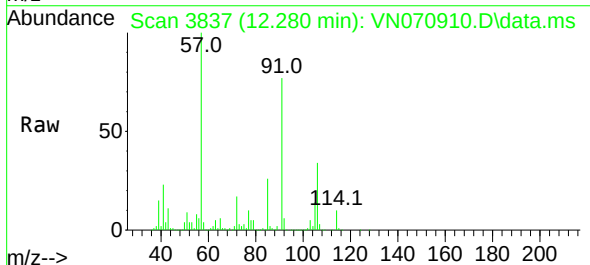
Tgt Ion:106 Resp: 401115
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8

Manual Integrations
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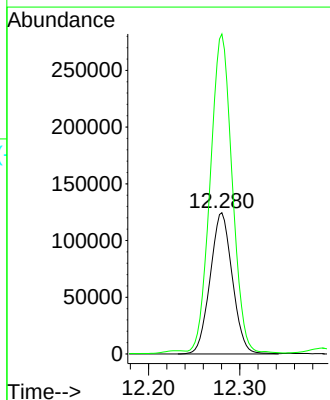
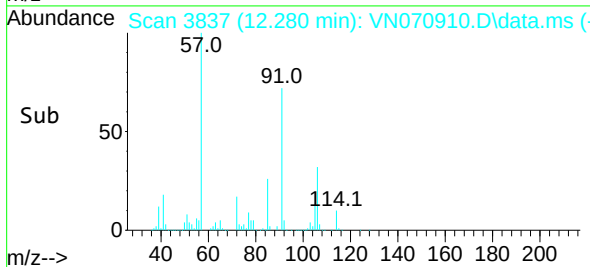
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

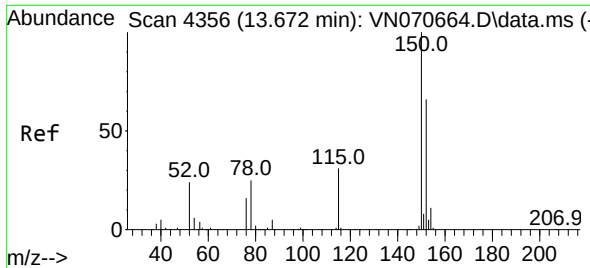


#69
o-Xylene
Concen: 11.544 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40



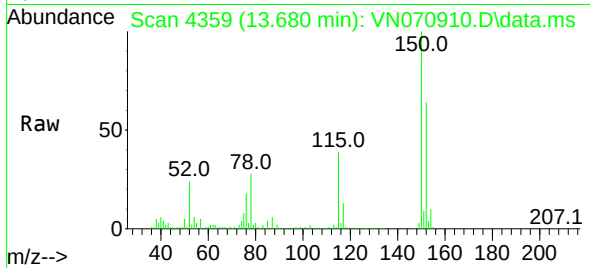
Tgt Ion:106 Resp: 209820
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 41
Delta R.T. 0.008 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

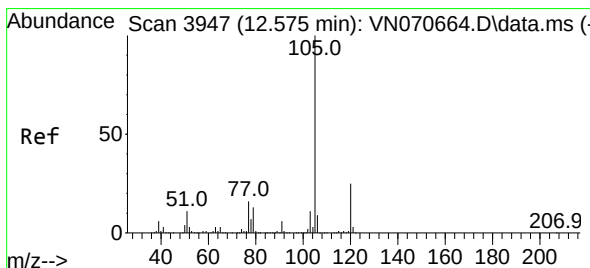
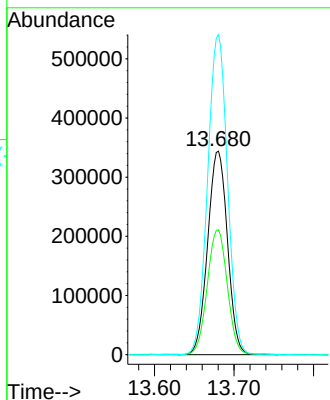
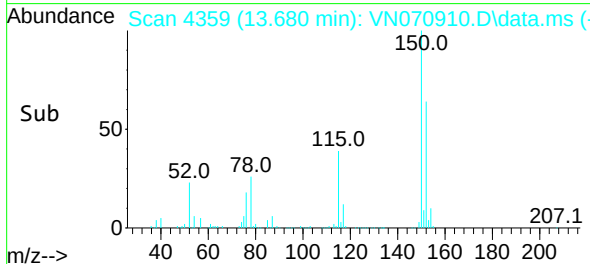
Instrument :
MSVOA_N
ClientSampleId :
31526DL



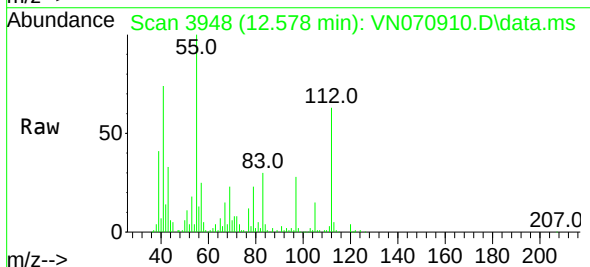
Tgt Ion:152 Resp: 59492
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 157.1 0.0 344.4

Manual Integrations
APPROVED

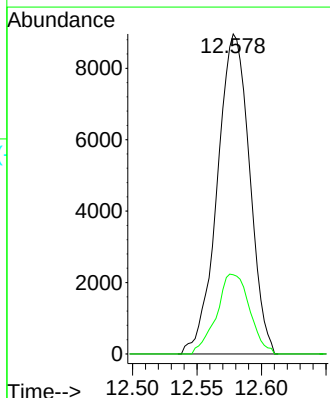
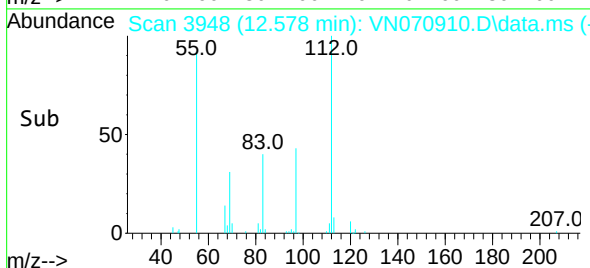
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

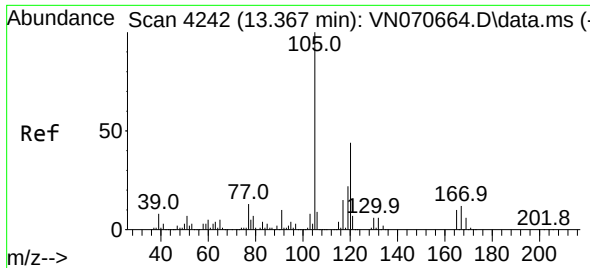


#73
Isopropylbenzene
Concen: 0.301 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40



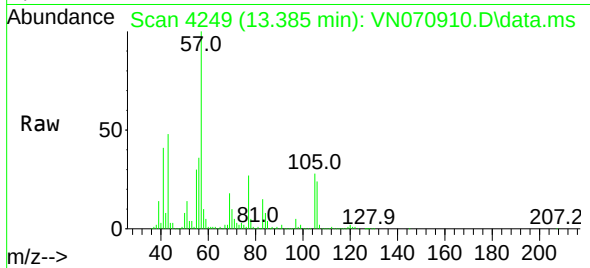
Tgt Ion:105 Resp: 15606
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





#84
1,2,4-Trimethylbenzene
Concen: 5.998 ug/l m
RT: 13.385 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

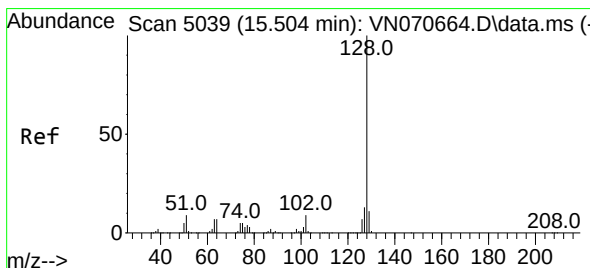
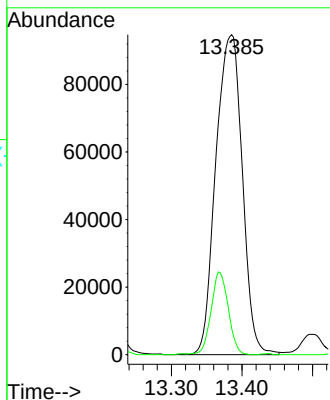
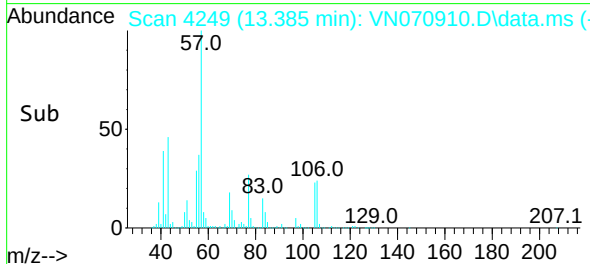
Instrument :
MSVOA_N
ClientSampleId :
31526DL



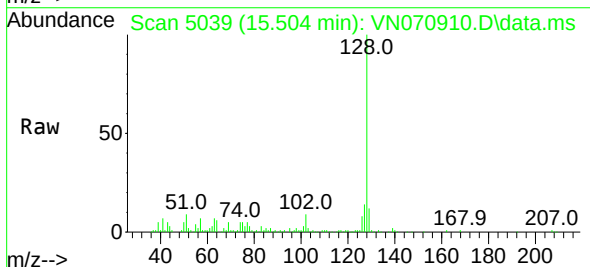
Tgt Ion:105 Resp: 246804
Ion Ratio Lower Upper
105 100
120 2.6 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#95
Naphthalene
Concen: 11.035 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40



Tgt Ion:128 Resp: 251523
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.8 8.7 13.1

