

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070902.D
 Acq On : 2 Feb 2022 19:25
 Operator : JC/MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 05:58:03 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	8.086	168	801920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1329545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1211374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	491305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	532617	49.067	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.140%		
35) Dibromofluoromethane	8.021	113	393259	49.375	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.760%		
50) Toluene-d8	10.440	98	1615038	49.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.731	95	562563	47.742	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	183452	20.618	ug/l	99
3) Chloromethane	2.303	50	239691	21.328	ug/l	97
4) Vinyl Chloride	2.446	62	205099	21.846	ug/l	99
5) Bromomethane	2.842	94	94490	19.677	ug/l	100
6) Chloroethane	3.009	64	92957	21.832	ug/l	99
7) Trichlorofluoromethane	3.371	101	260727	24.868	ug/l	98
8) Diethyl Ether	3.819	74	121862	20.041	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	158695	20.060	ug/l	96
10) Methyl Iodide	4.417	142	225977	19.359	ug/l	96
11) Tert butyl alcohol	5.385	59	249566	109.416	ug/l	99
12) 1,1-Dichloroethene	4.175	96	162940	20.162	ug/l	94
13) Acrolein	4.039	56	247766	98.666	ug/l	99
14) Allyl chloride	4.838	41	371065	20.155	ug/l #	84
15) Acrylonitrile	5.557	53	681643	107.015	ug/l	99
16) Acetone	4.291	43	606236	93.402	ug/l	98
17) Carbon Disulfide	4.524	76	475279	18.937	ug/l	99
18) Methyl Acetate	4.857	43	318202	21.235	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	632512	20.499	ug/l	95
20) Methylene Chloride	5.093	84	193238	19.605	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	169591	19.682	ug/l	87
22) Diisopropyl ether	6.498	45	747069	20.950	ug/l	93
23) Vinyl Acetate	6.434	43	3269596	103.659	ug/l	95
24) 1,1-Dichloroethane	6.385	63	361694	20.144	ug/l	99
25) 2-Butanone	7.337	43	975854	104.159	ug/l	93
26) 2,2-Dichloropropane	7.324	77	271498	19.253	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	202295	19.878	ug/l	89
28) Bromochloromethane	7.659	49	160399	20.472	ug/l #	78
29) Tetrahydrofuran	7.686	42	673693	110.703	ug/l	88
30) Chloroform	7.820	83	341880	20.015	ug/l	98
31) Cyclohexane	8.094	56	367553	19.929	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	288435	20.005	ug/l	98
36) 1,1-Dichloropropene	8.220	75	254842	19.695	ug/l	96
37) Ethyl Acetate	7.415	43	384550	21.564	ug/l	98
38) Carbon Tetrachloride	8.206	117	233138	19.730	ug/l	98
39) Methylcyclohexane	9.459	83	319716	20.100	ug/l	89
40) Benzene	8.459	78	810568	19.940	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	188071	20.990	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	279709	20.212	ug/l	100
43) Isopropyl Acetate	8.563	43	587860	19.609	ug/l #	95
44) Trichloroethene	9.215	130	183371	19.494	ug/l	93
45) 1,2-Dichloropropane	9.491	63	220851	20.288	ug/l	99
46) Dibromomethane	9.577	93	130998	20.089	ug/l	96
47) Bromodichloromethane	9.762	83	261275	19.891	ug/l	100
48) Methyl methacrylate	9.561	41	278947	21.581	ug/l #	78
49) 1,4-Dioxane	9.572	88	97965	452.440	ug/l #	87
51) 4-Methyl-2-Pentanone	10.331	43	1913552	108.443	ug/l	98
52) Toluene	10.505	92	494308	19.625	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	289224	19.511	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	318603	19.761	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	194856	20.370	ug/l	98
56) Ethyl methacrylate	10.762	69	338148	20.296	ug/l	89
57) 1,3-Dichloropropane	11.047	76	342177	20.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	387481	98.787	ug/l	91
59) 2-Hexanone	11.087	43	1397491	108.473	ug/l	97
60) Dibromochloromethane	11.240	129	186602	19.668	ug/l	99
61) 1,2-Dibromoethane	11.344	107	197830	20.109	ug/l	99
64) Tetrachloroethene	10.977	164	159068	20.062	ug/l	96
65) Chlorobenzene	11.771	112	500739	19.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	175760	19.862	ug/l	99
67) Ethyl Benzene	11.846	91	933128	20.190	ug/l	97
68) m/p-Xylenes	11.953	106	692518	40.440	ug/l	94
69) o-Xylene	12.280	106	343513	20.043	ug/l	94
70) Styrene	12.294	104	551478	20.416	ug/l	97
71) Bromoform	12.457	173	139987	19.160	ug/l #	100
73) Isopropylbenzene	12.578	105	887341	20.700	ug/l	98
74) N-amyl acetate	12.388	43	397990	20.731	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	313685	21.127	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	259118m	21.912	ug/l	
77) Bromobenzene	12.860	156	203493	19.802	ug/l	77
78) n-propylbenzene	12.921	91	1000991	20.476	ug/l	96
79) 2-Chlorotoluene	13.007	91	618633	20.351	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	720727	20.741	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	88104	20.195	ug/l	94
82) 4-Chlorotoluene	13.104	91	592837	20.235	ug/l	92
83) tert-Butylbenzene	13.324	119	619903	20.455	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	704818	20.742	ug/l	97
85) sec-Butylbenzene	13.501	105	861274	20.313	ug/l	97
86) p-Isopropyltoluene	13.616	119	684315	20.467	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	342151	20.016	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	332021	19.418	ug/l	97
89) n-Butylbenzene	13.943	91	559311	18.982	ug/l	97
90) Hexachloroethane	14.209	117	116320	19.630	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	327866	19.993	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55670	20.691	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	167349	18.441	ug/l	98
94) Hexachlorobutadiene	15.367	225	109049	19.911	ug/l	99
95) Naphthalene	15.507	128	478612	20.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	166669	20.303	ug/l	99

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ClientSampleId :
 VN0202MBSD01

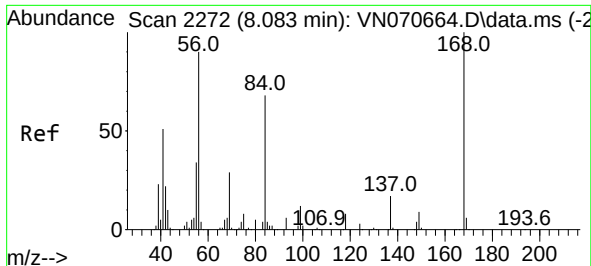
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 02/04/2022

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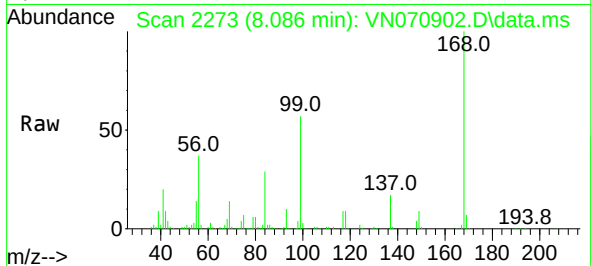
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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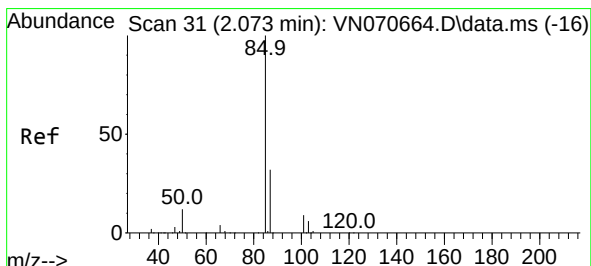
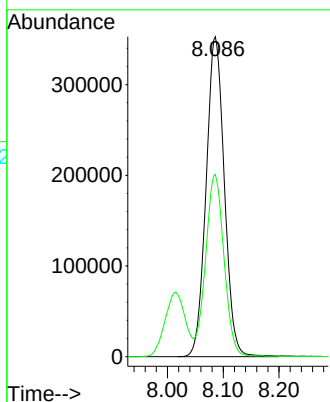
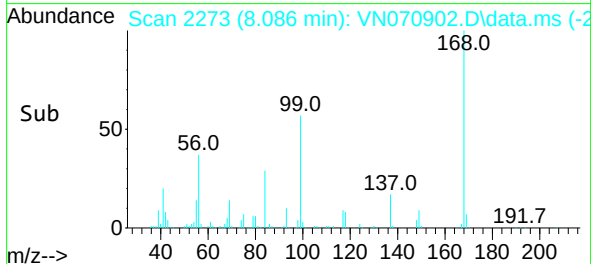
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion:168 Resp: 801920
Ion Ratio Lower Upper
168 100
99 56.8 41.3 61.9

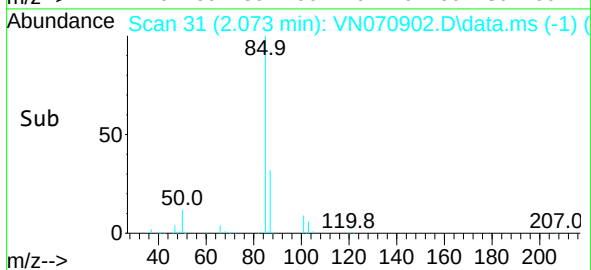
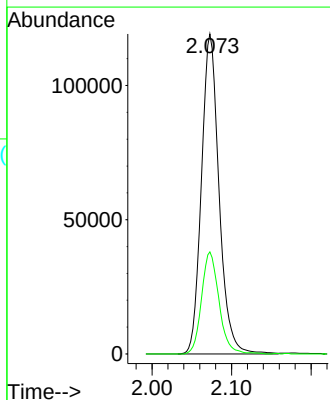
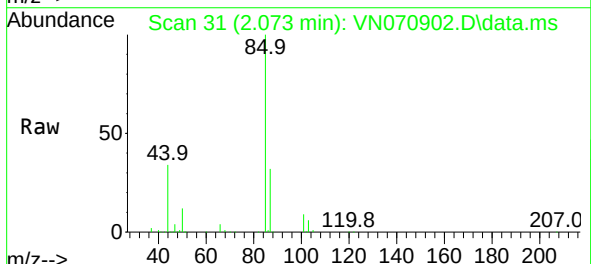
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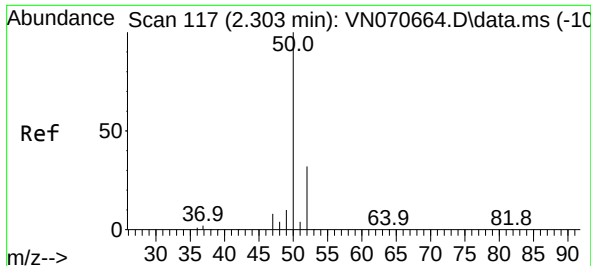
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#2
Dichlorodifluoromethane
Concen: 20.618 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

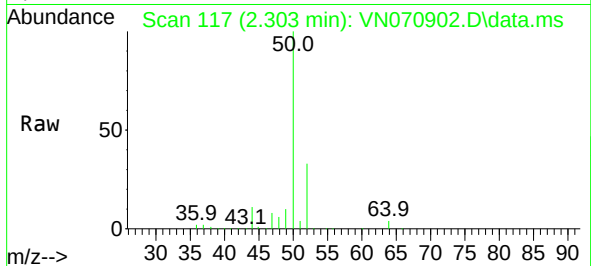
Tgt Ion: 85 Resp: 183452
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 21.328 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

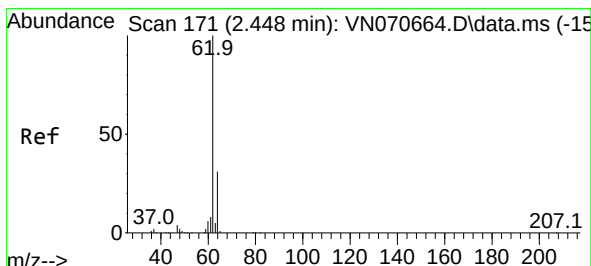
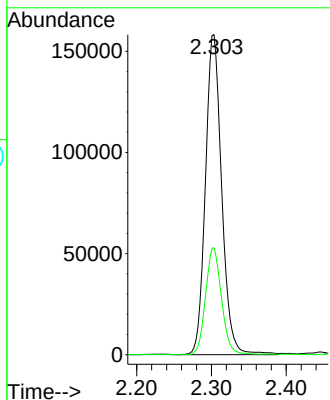
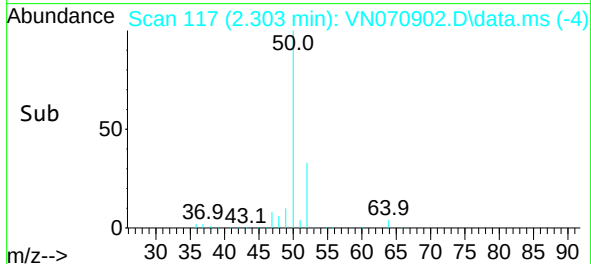
Instrument :
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VN0202MBSD01



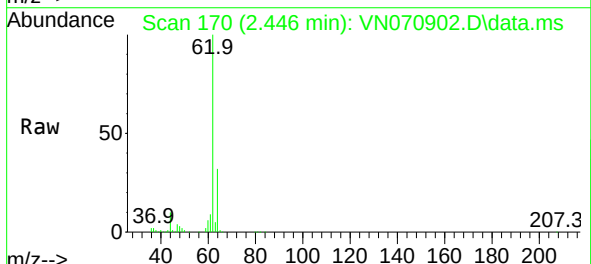
Tgt Ion: 50 Resp: 23969
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0

Manual Integrations
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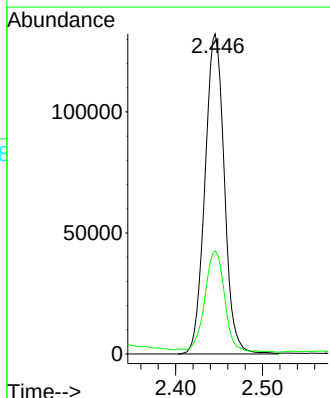
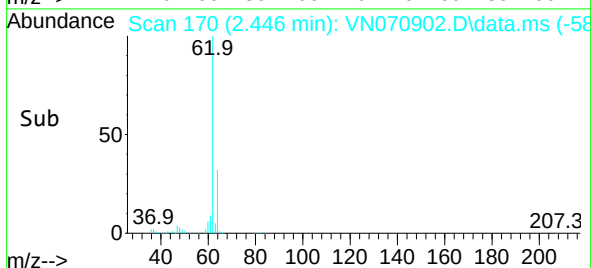
Reviewed By :John Carlone 02/03/2022
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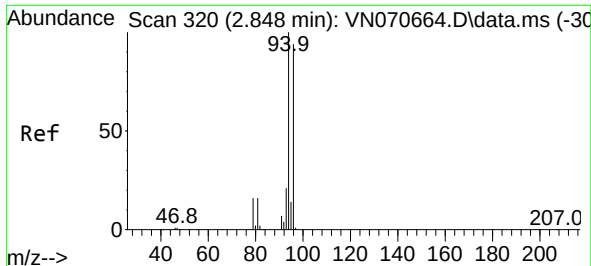


#4
Vinyl Chloride
Concen: 21.846 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



Tgt Ion: 62 Resp: 205099
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5

Bromomethane

Concen: 19.677 ug/l

RT: 2.842 min Scan# 318

Delta R.T. 0.010 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBSD01

Tgt Ion: 94 Resp: 94490

Ion Ratio Lower Upper

94 100

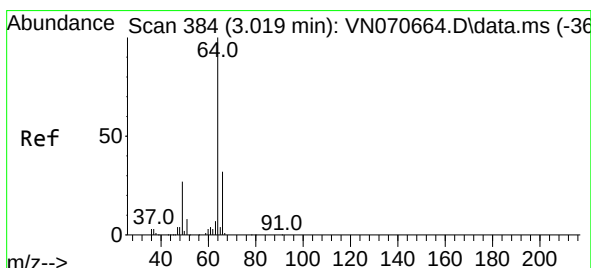
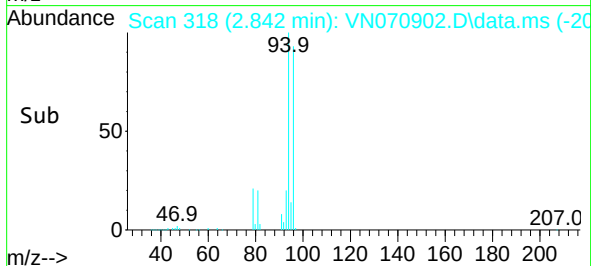
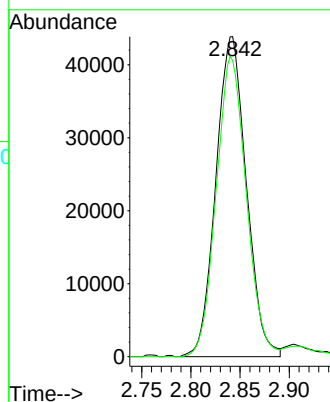
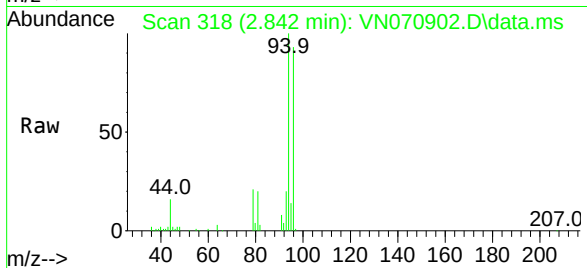
96 92.6 73.8 110.8

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#6

Chloroethane

Concen: 21.832 ug/l

RT: 3.009 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN070902.D

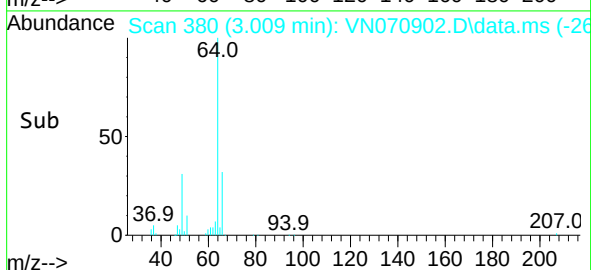
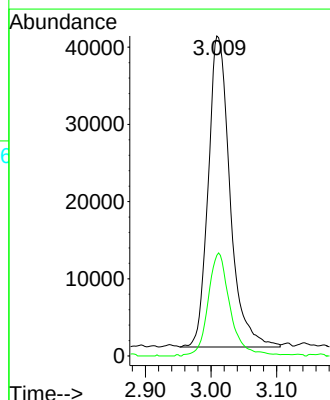
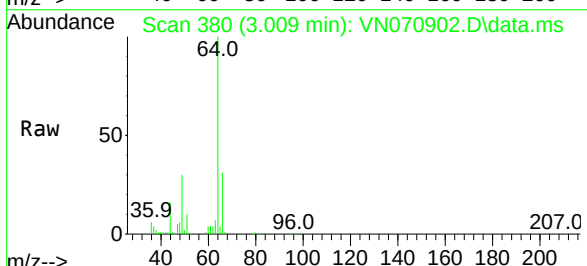
Acq: 2 Feb 2022 19:25

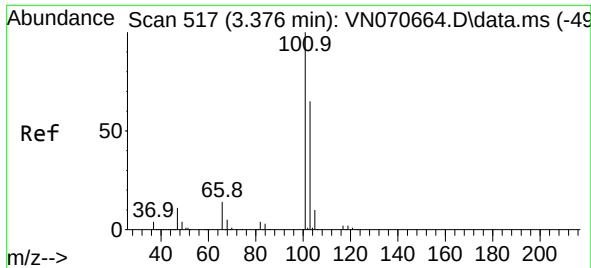
Tgt Ion: 64 Resp: 92957

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5





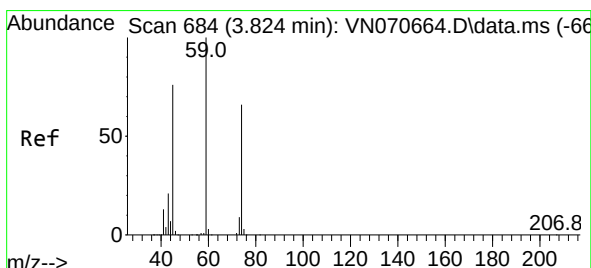
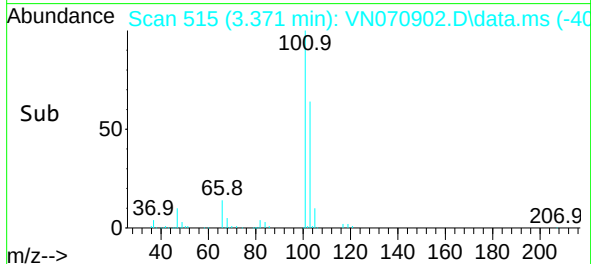
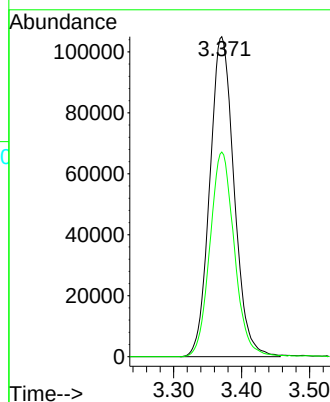
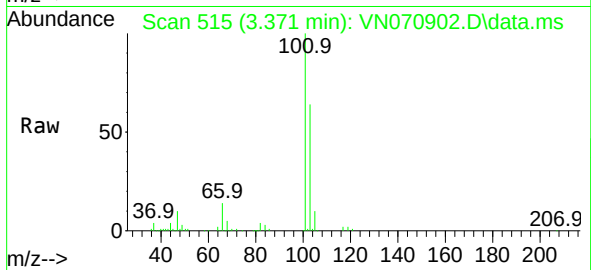
#7
Trichlorofluoromethane
Concen: 24.868 ug/l
RT: 3.371 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion:101 Resp: 26072
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

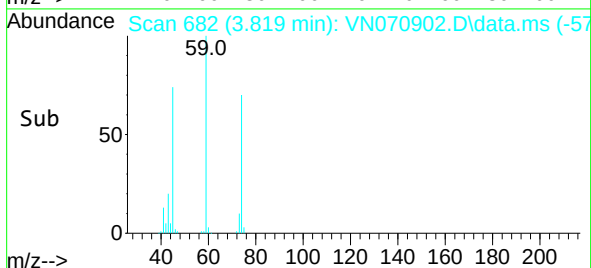
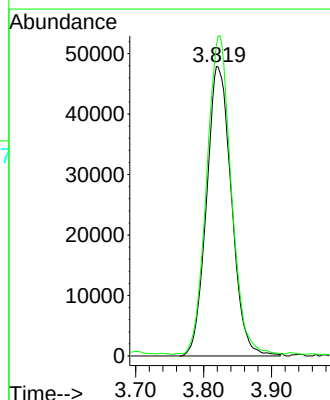
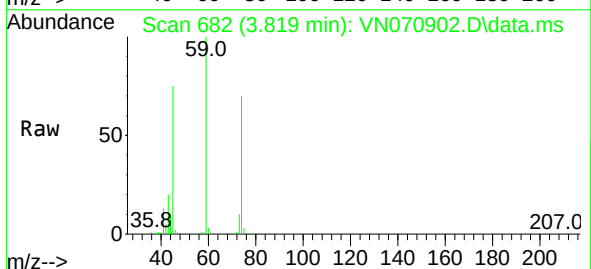
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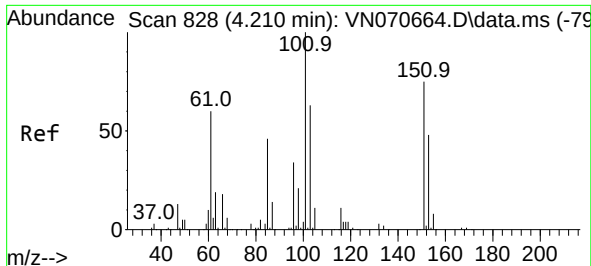
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#8
Diethyl Ether
Concen: 20.041 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.002 min
Lab File: VN070902.D
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Tgt Ion: 74 Resp: 121862
Ion Ratio Lower Upper
74 100
45 108.6 47.0 141.2





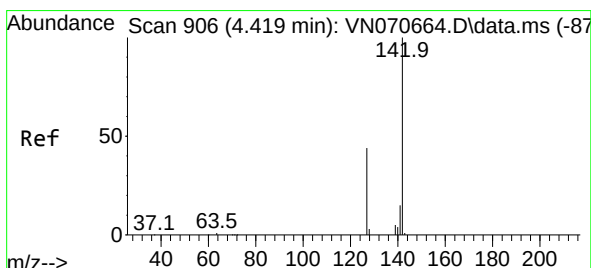
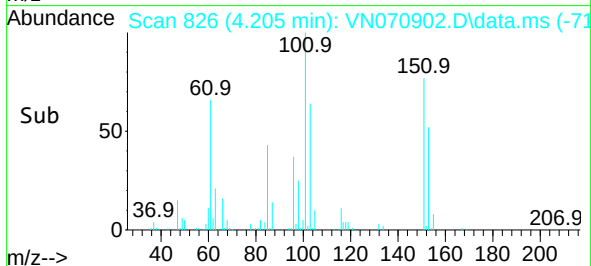
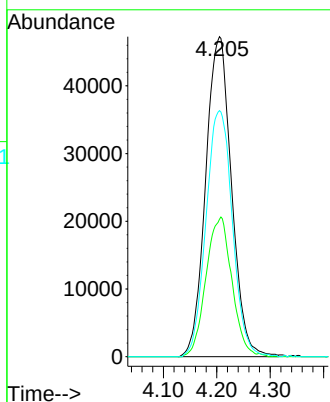
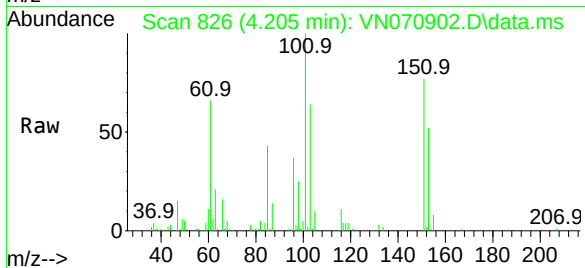
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.060 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion:101 Resp: 15869
Ion Ratio Lower Upper
101 100
85 43.6 37.2 55.8
151 78.8 65.9 98.9

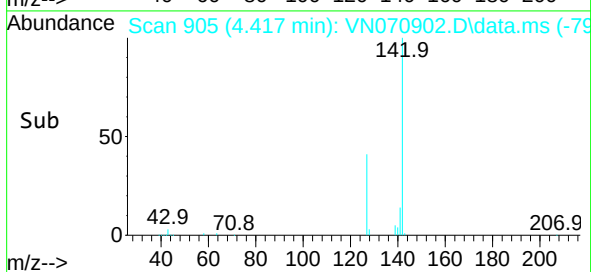
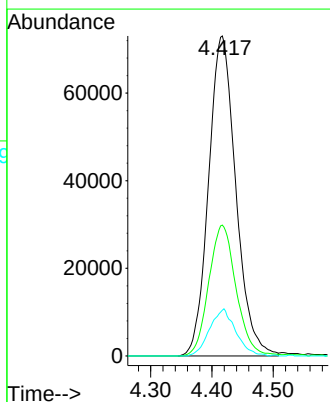
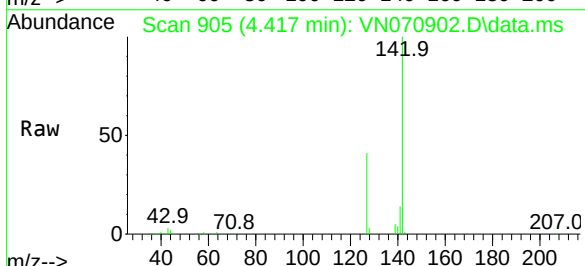
Manual Integrations
APPROVED

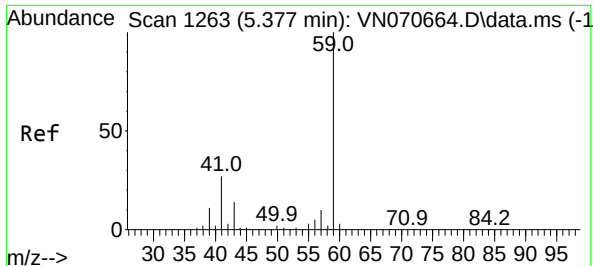
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 19.359 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:142 Resp: 225977
Ion Ratio Lower Upper
142 100
127 41.0 35.4 53.0
141 14.1 11.6 17.4





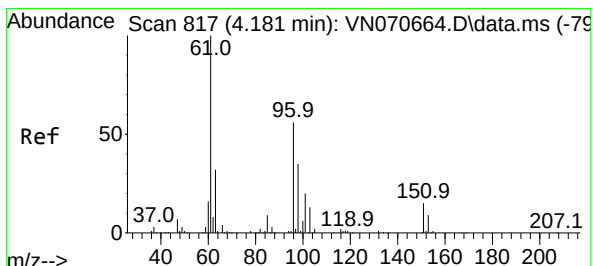
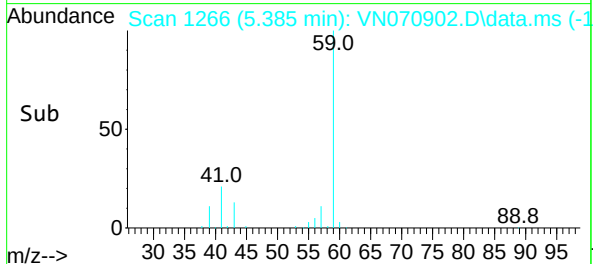
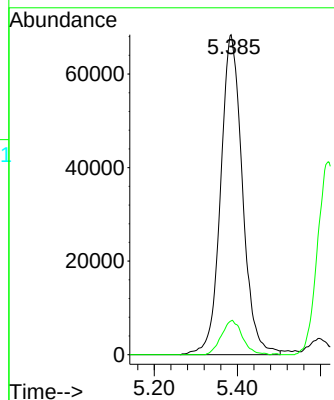
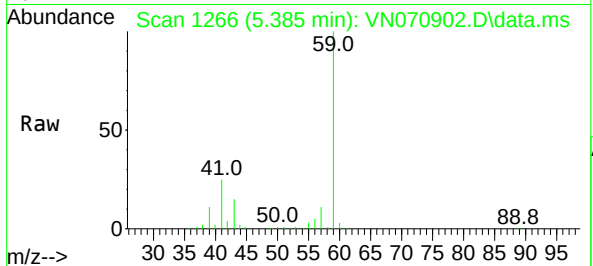
#11
Tert butyl alcohol
Concen: 109.416 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion: 59 Resp: 24956
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

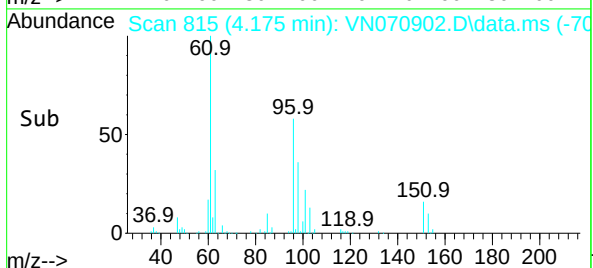
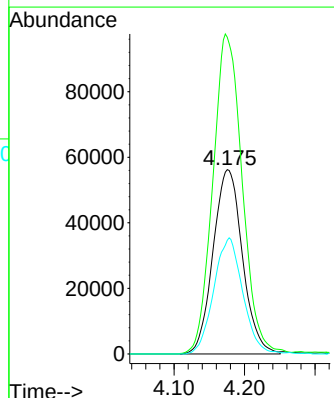
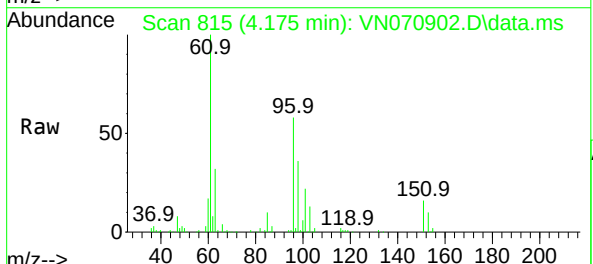
Manual Integrations
APPROVED

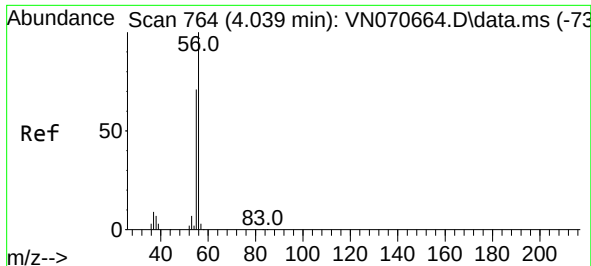
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#12
1,1-Dichloroethene
Concen: 20.162 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion: 96 Resp: 162940
Ion Ratio Lower Upper
96 100
61 171.6 131.0 196.6
98 61.6 52.4 78.6





#13

Acrolein

Concen: 98.666 ug/l

RT: 4.039 min Scan# 70

Delta R.T. -0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 56 Resp: 24776

Ion Ratio Lower Upper

56 100

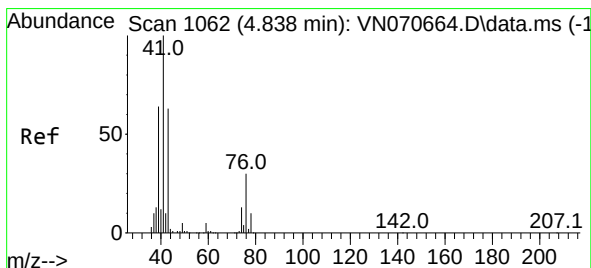
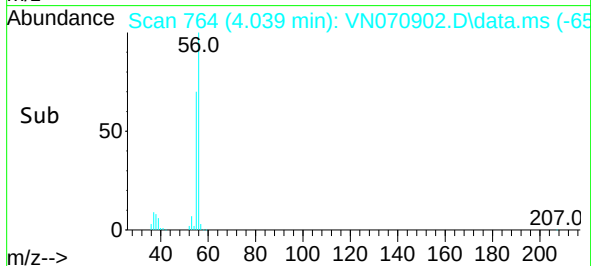
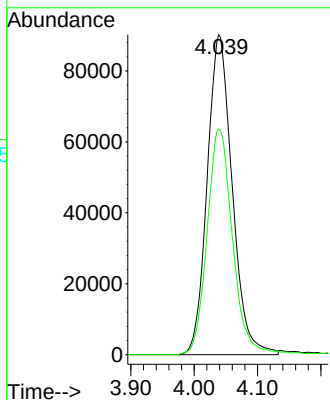
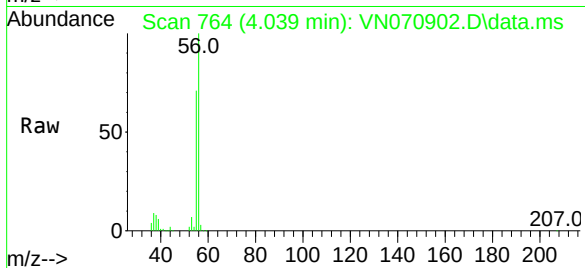
55 71.6 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#14

Allyl chloride

Concen: 20.155 ug/l

RT: 4.838 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

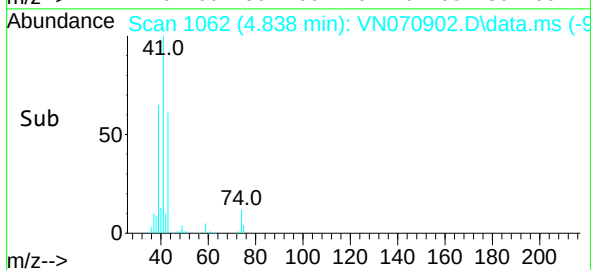
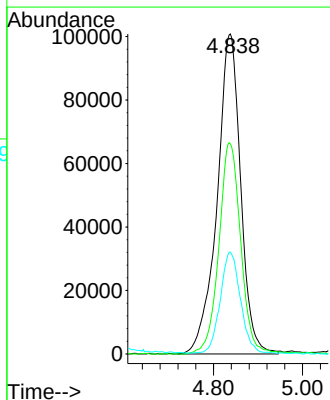
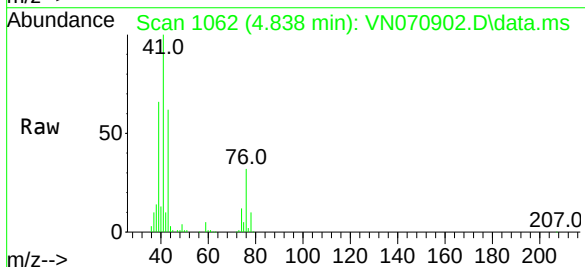
Tgt Ion: 41 Resp: 371065

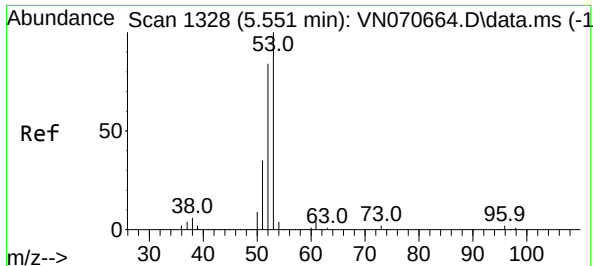
Ion Ratio Lower Upper

41 100

39 61.0 61.2 91.8#

76 26.8 26.0 39.0





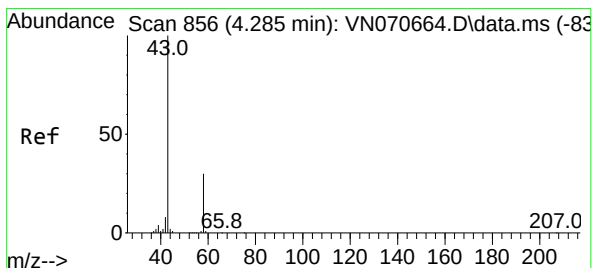
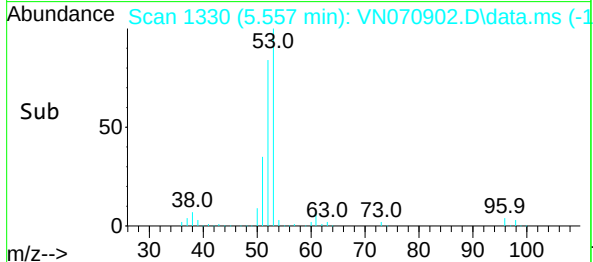
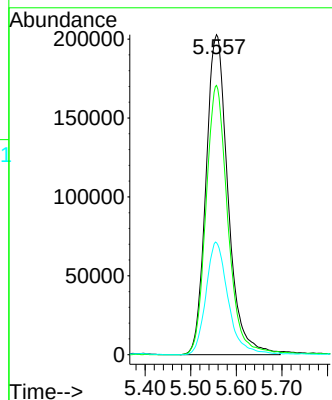
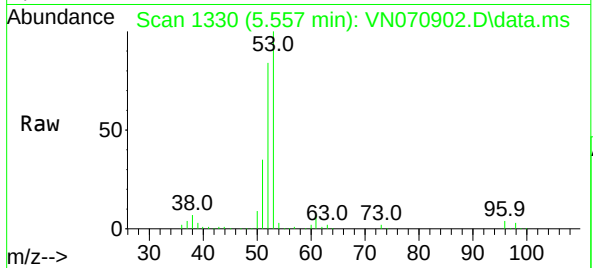
#15
Acrylonitrile
Concen: 107.015 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion: 53 Resp: 68164
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.5 29.6 44.4

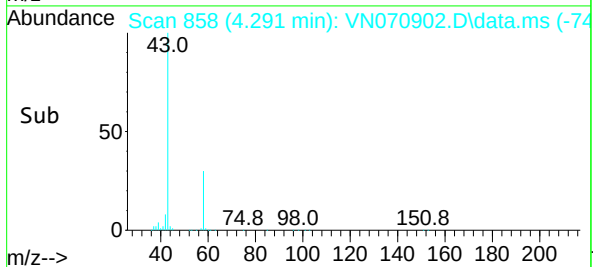
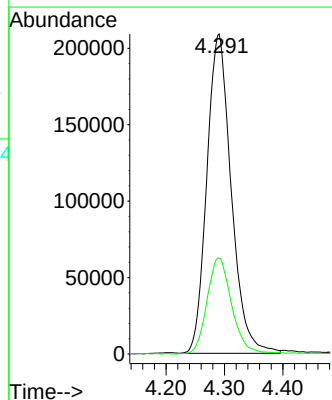
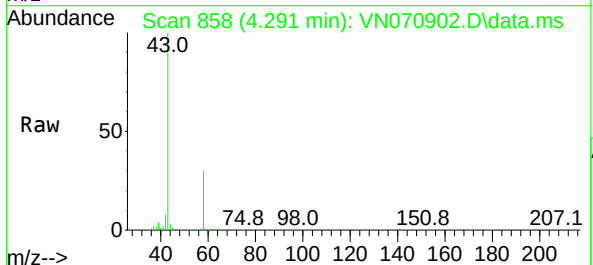
Manual Integrations
APPROVED

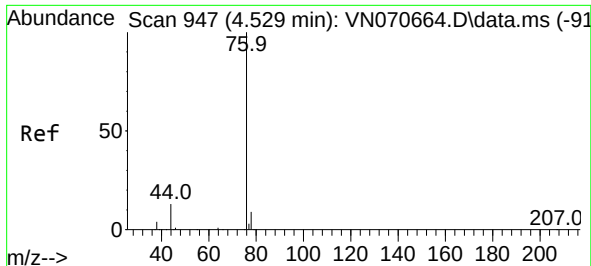
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
Acetone
Concen: 93.402 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

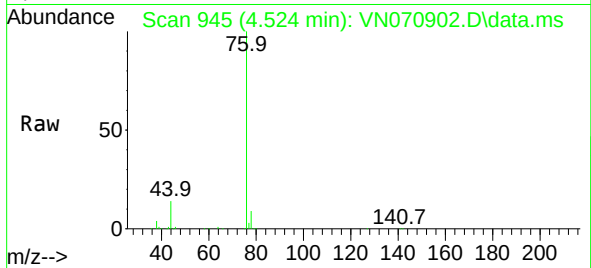
Tgt Ion: 43 Resp: 606236
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7





#17
Carbon Disulfide
Concen: 18.937 ug/l
RT: 4.524 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

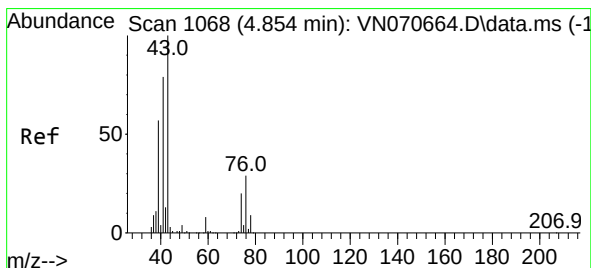
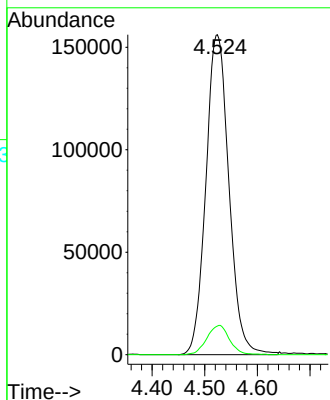
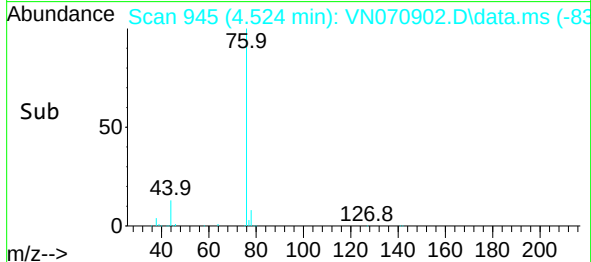
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



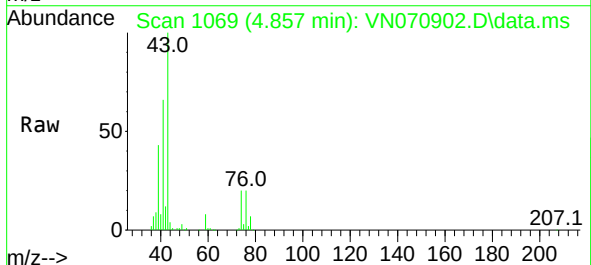
Tgt Ion: 76 Resp: 475279
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

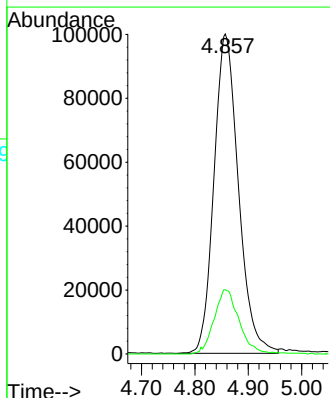
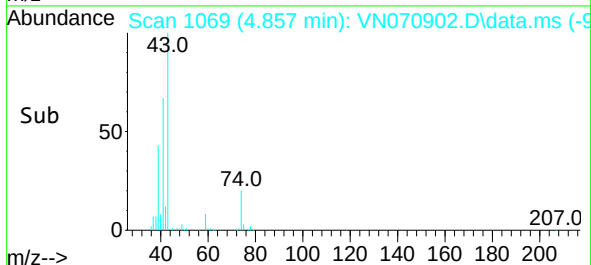
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

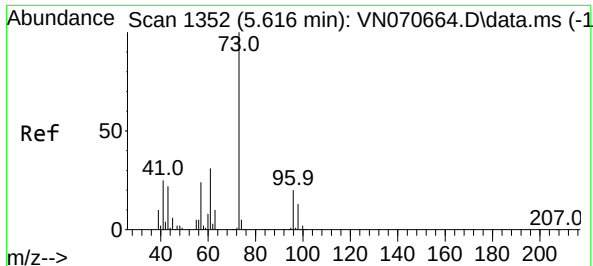


#18
Methyl Acetate
Concen: 21.235 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



Tgt Ion: 43 Resp: 318202
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.499 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.002 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 73 Resp: 63251

Ion Ratio Lower Upper

73 100

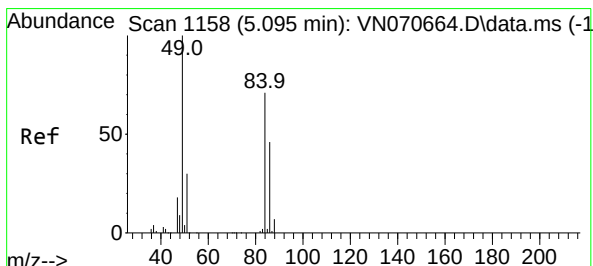
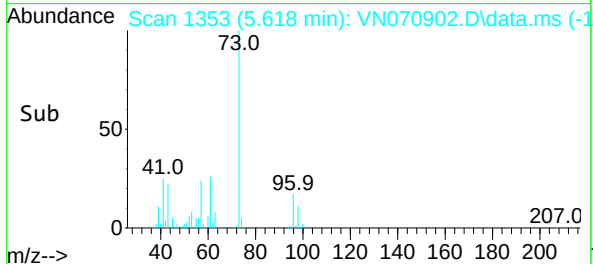
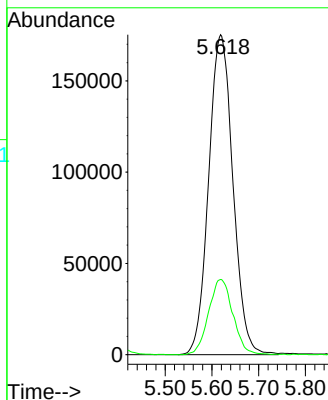
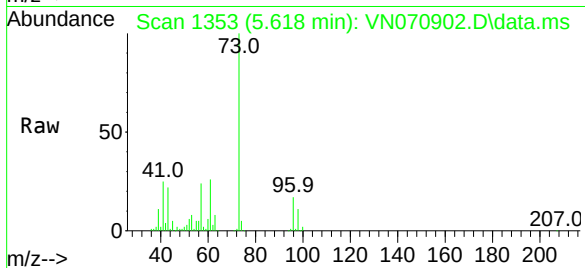
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#20

Methylene Chloride

Concen: 19.605 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.003 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Tgt Ion: 84 Resp: 193238

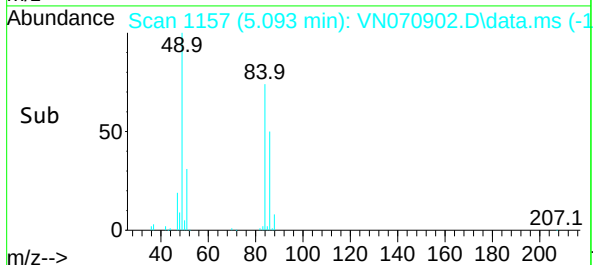
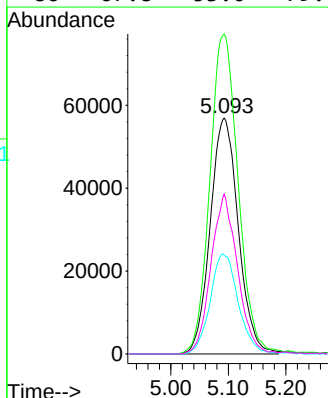
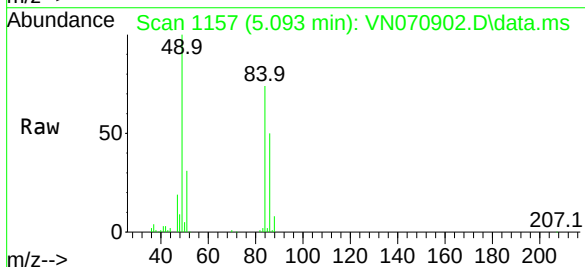
Ion Ratio Lower Upper

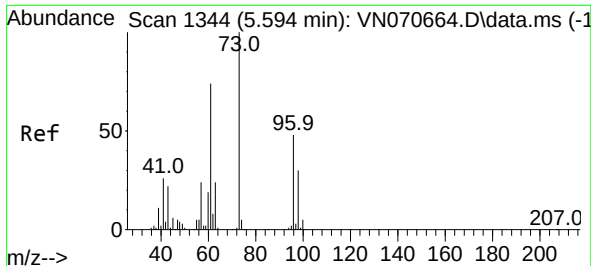
84 100

49 135.7 93.5 140.3

51 41.9 29.4 44.2

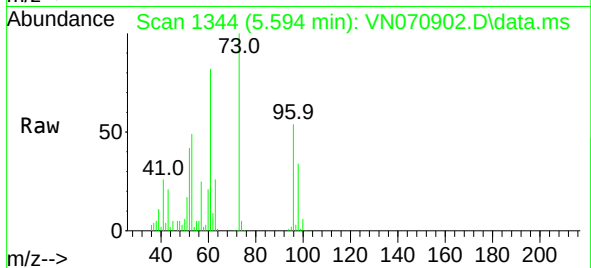
86 67.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.682 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

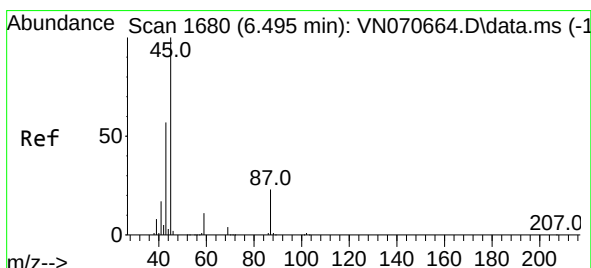
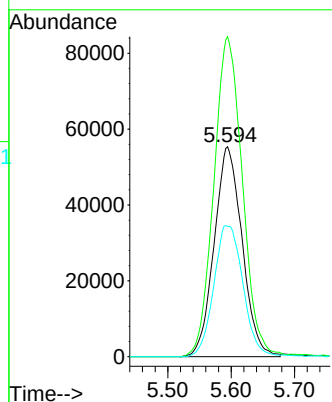
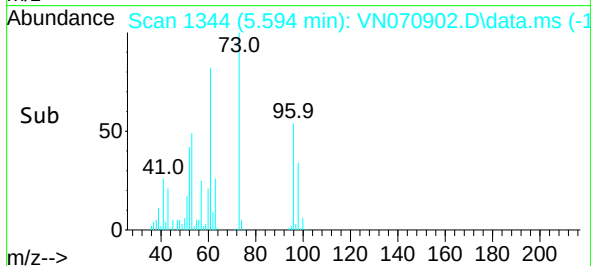
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



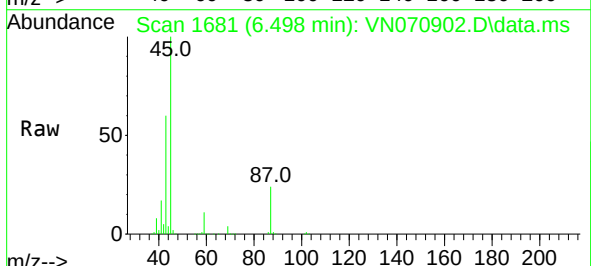
Tgt Ion: 96 Resp: 16959
Ion Ratio Lower Upper
96 100
61 152.4 105.8 158.6
98 62.1 52.0 78.0

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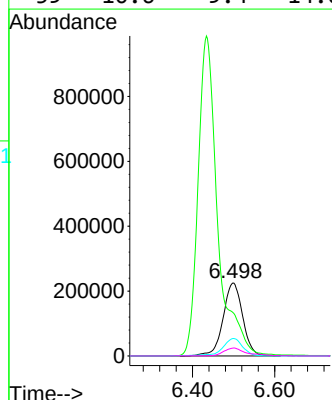
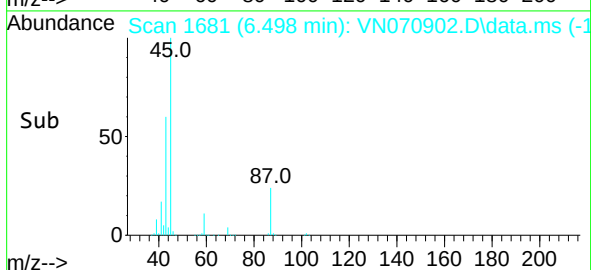
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

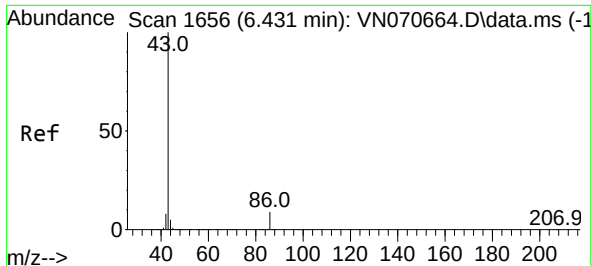


#22
Diisopropyl ether
Concen: 20.950 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



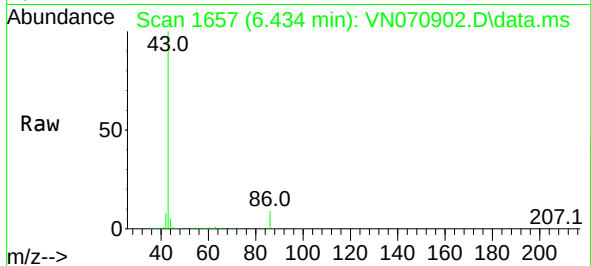
Tgt Ion: 45 Resp: 747069
Ion Ratio Lower Upper
45 100
43 58.8 51.7 77.5
87 23.9 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 103.659 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070902.D
 Acq: 2 Feb 2022 19:25

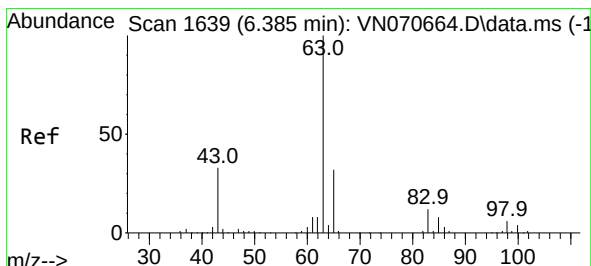
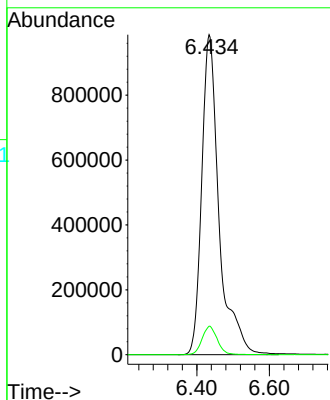
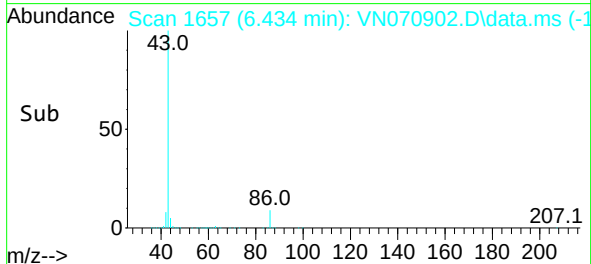
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBSD01



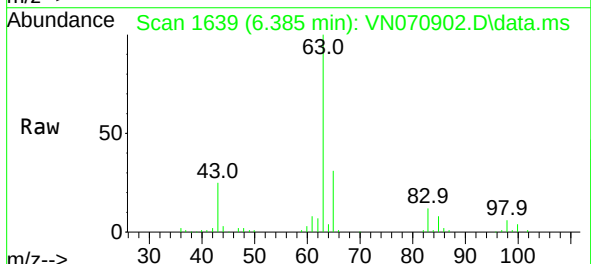
Tgt Ion: 43 Resp: 326959
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

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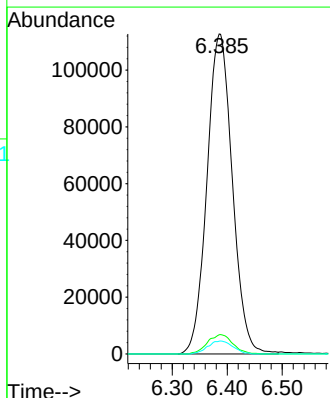
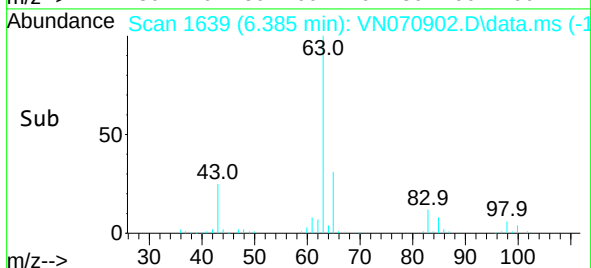
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

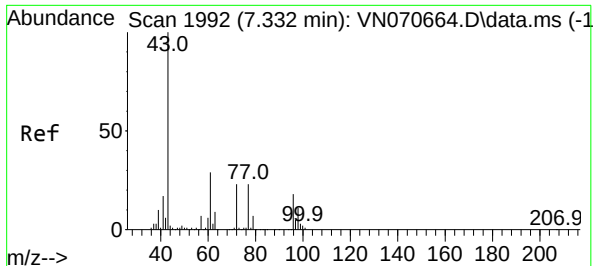


#24
 1,1-Dichloroethane
 Concen: 20.144 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070902.D
 Acq: 2 Feb 2022 19:25



Tgt Ion: 63 Resp: 361694
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 104.159 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.002 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 43 Resp: 975854

Ion Ratio Lower Upper

43 100

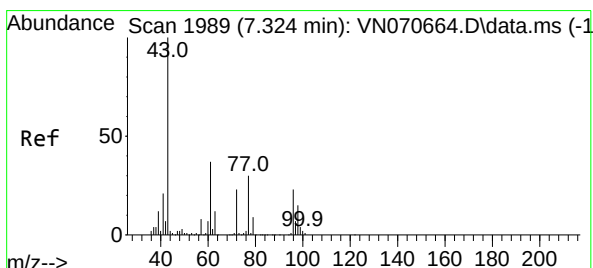
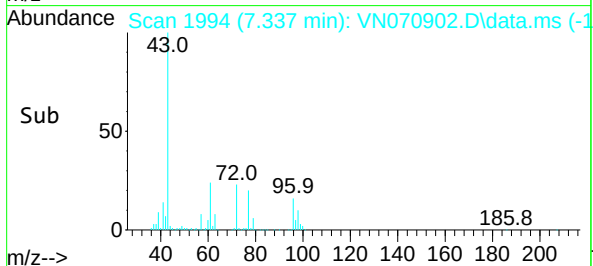
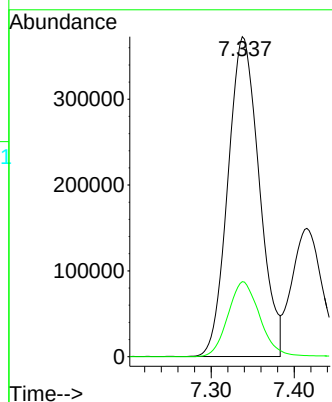
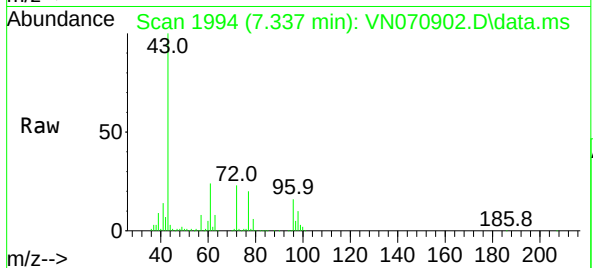
72 23.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 19.253 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070902.D

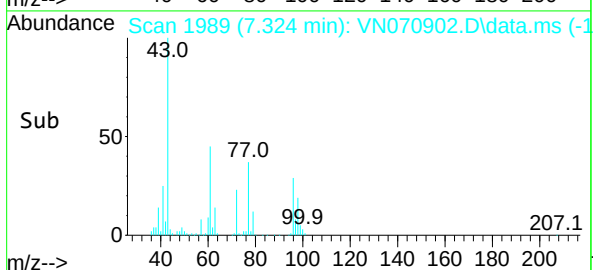
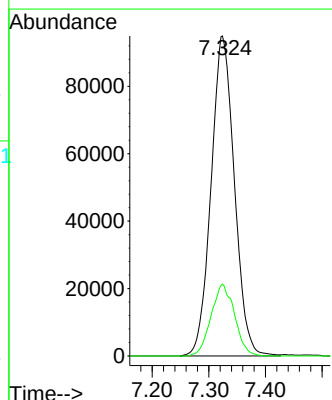
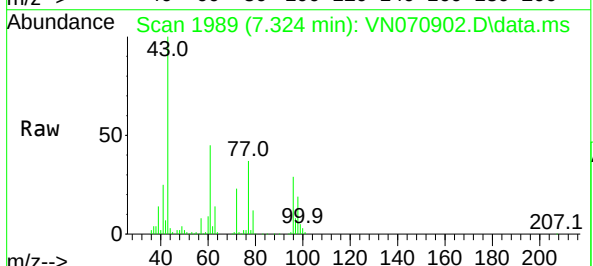
Acq: 2 Feb 2022 19:25

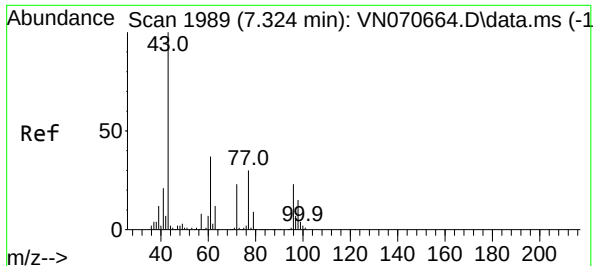
Tgt Ion: 77 Resp: 271498

Ion Ratio Lower Upper

77 100

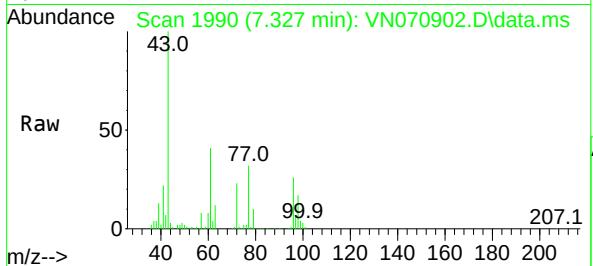
97 22.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.878 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070902.D
 Acq: 2 Feb 2022 19:25

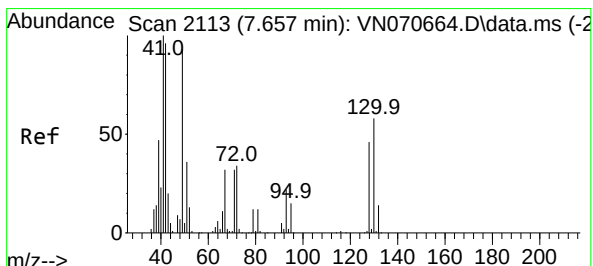
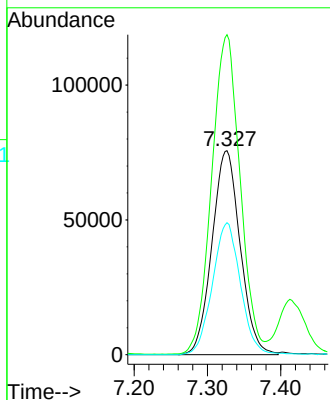
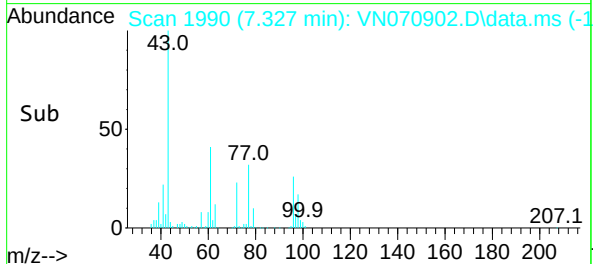
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01



Tgt Ion: 96 Resp: 20229
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 275.0
 98 64.4 0.0 129.6

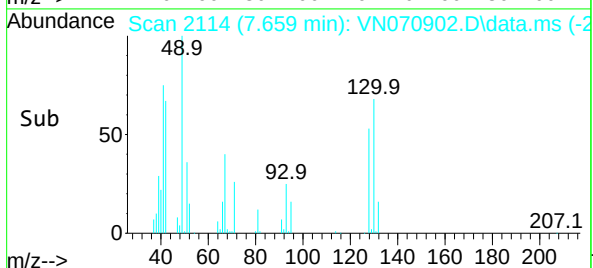
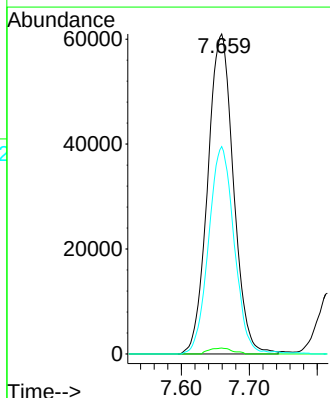
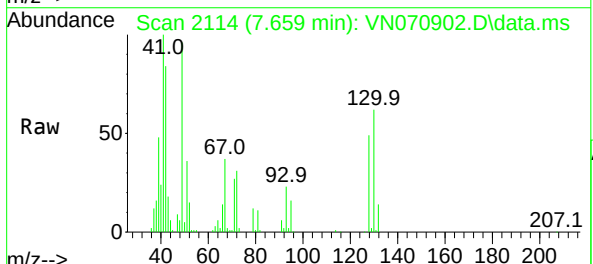
Manual Integrations
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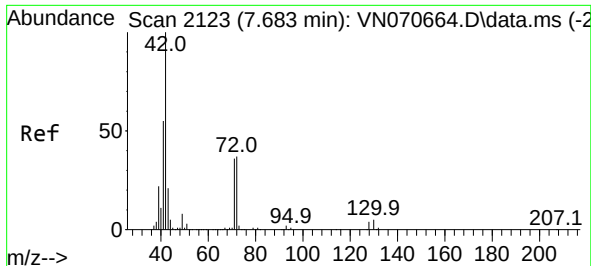
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#28
 Bromochloromethane
 Concen: 20.472 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN070902.D
 Acq: 2 Feb 2022 19:25

Tgt Ion: 49 Resp: 160399
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 64.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 110.703 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 42 Resp: 67369

Ion Ratio Lower Upper

42 100

72 37.8 36.3 54.5

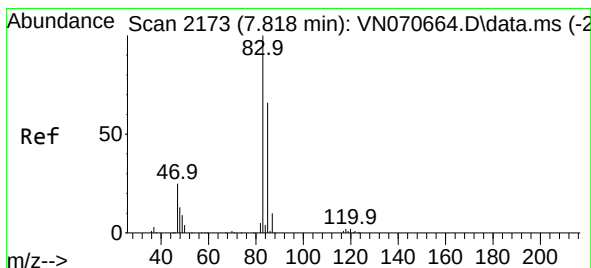
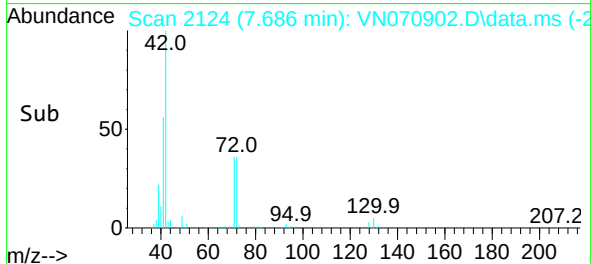
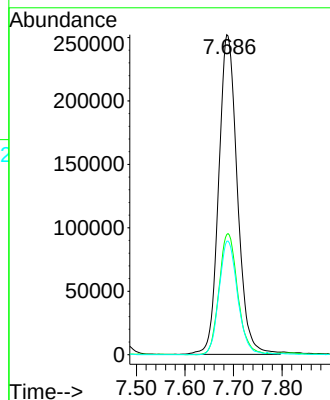
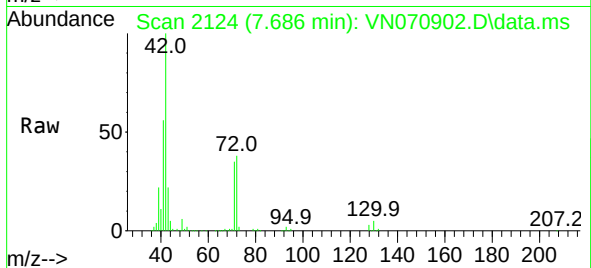
71 35.2 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 20.015 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.002 min

Lab File: VN070902.D

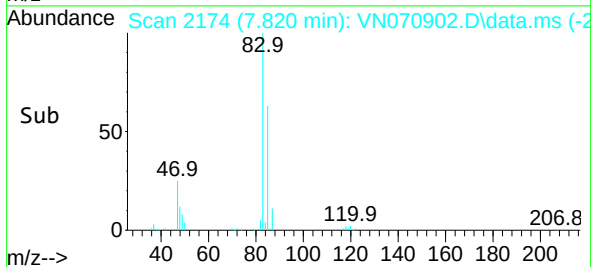
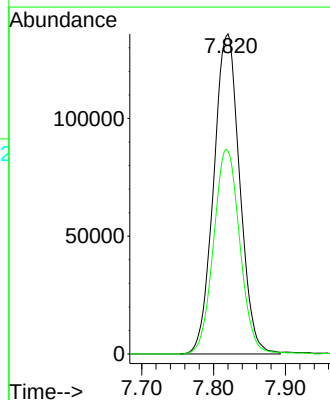
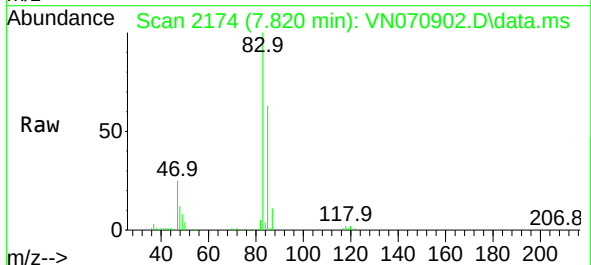
Acq: 2 Feb 2022 19:25

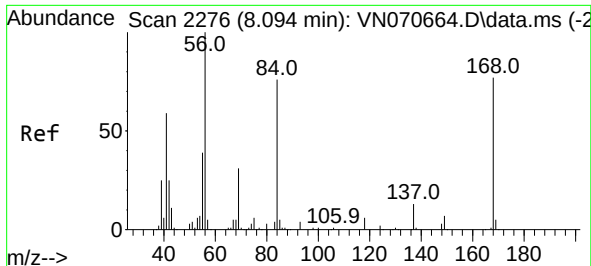
Tgt Ion: 83 Resp: 341880

Ion Ratio Lower Upper

83 100

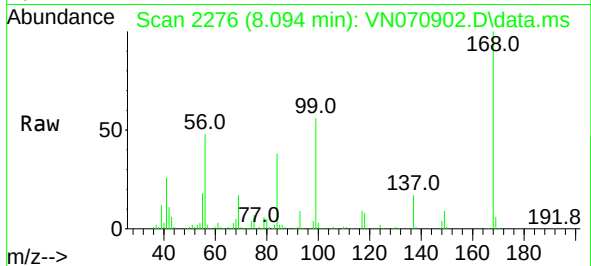
85 63.4 51.9 77.9





#31
Cyclohexane
Concen: 19.929 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

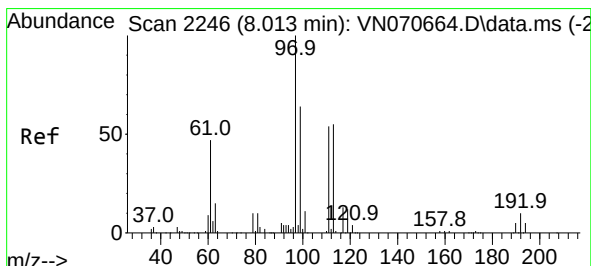
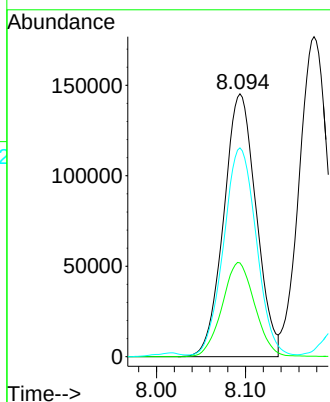
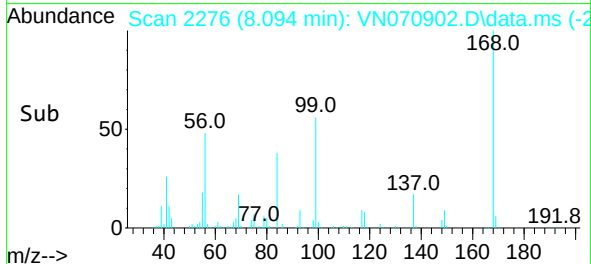
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



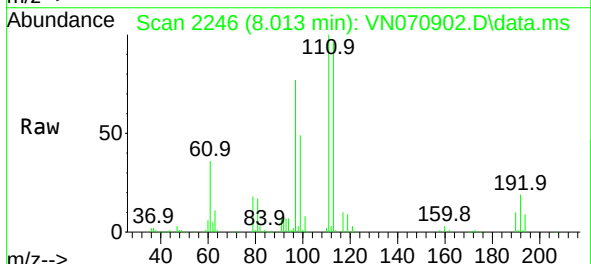
Tgt Ion: 56 Resp: 36755
Ion Ratio Lower Upper
56 100
69 35.7 27.1 40.7
84 78.4 73.4 110.0

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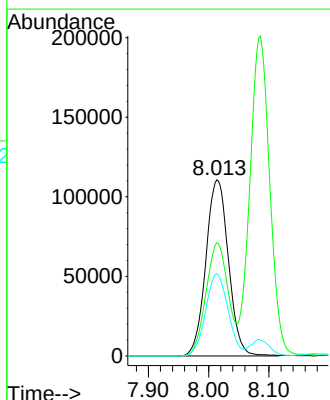
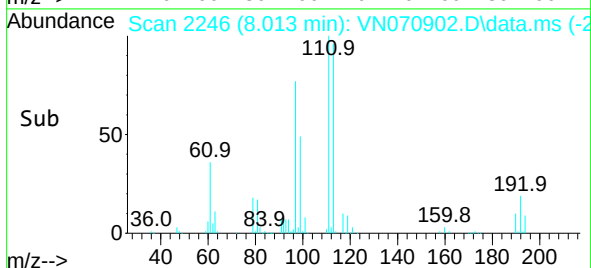
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

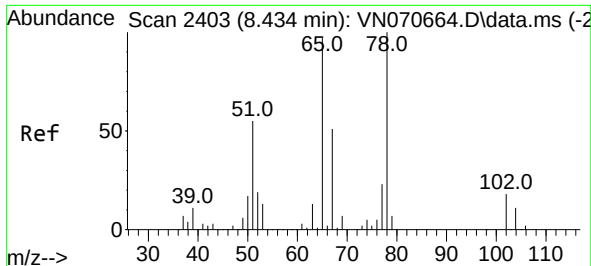


#32
1,1,1-Trichloroethane
Concen: 20.005 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



Tgt Ion: 97 Resp: 288435
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 46.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.067 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 65 Resp: 53261

Ion Ratio Lower Upper

65 100

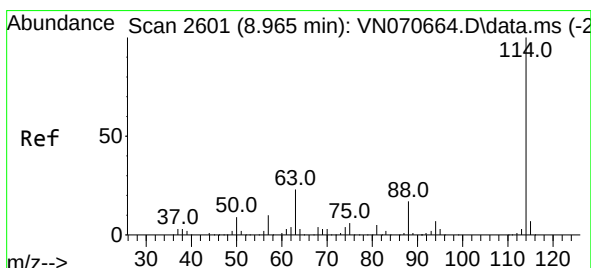
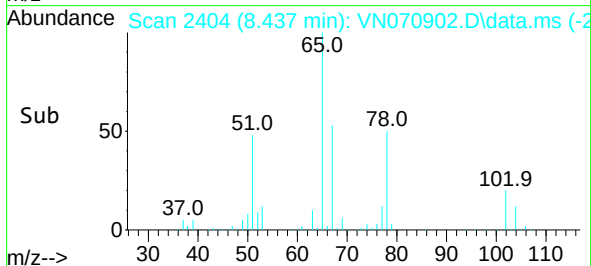
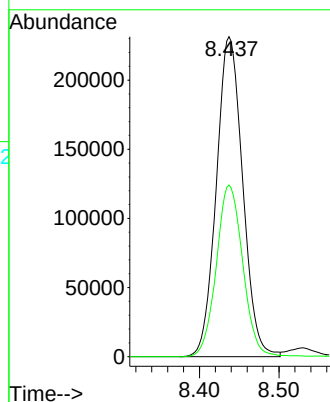
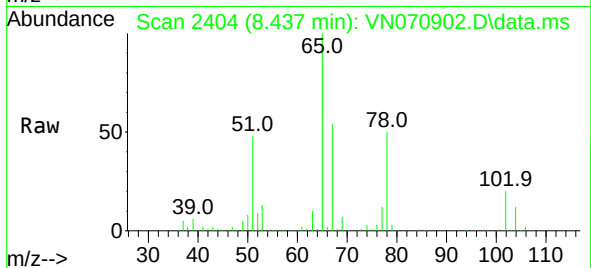
67 53.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

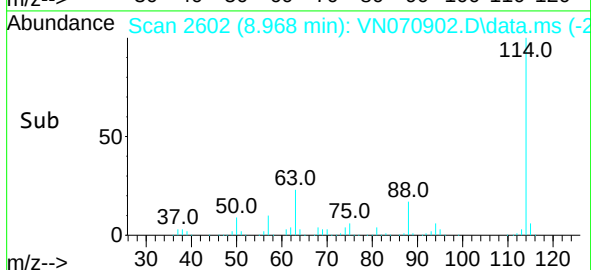
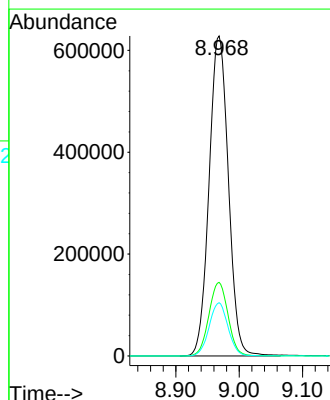
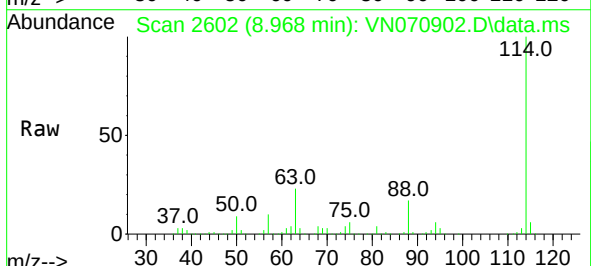
Tgt Ion:114 Resp: 1329545

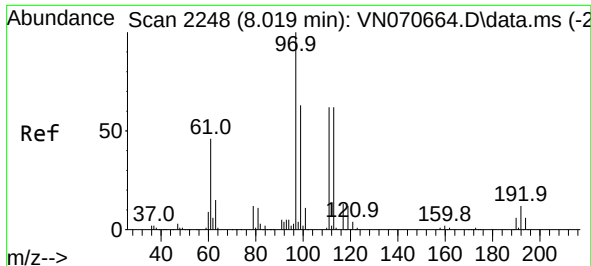
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

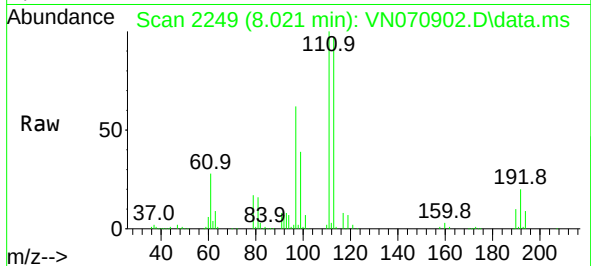
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.375 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

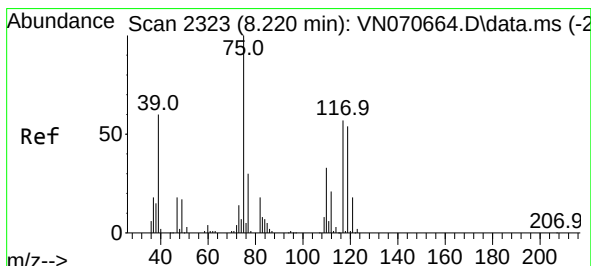
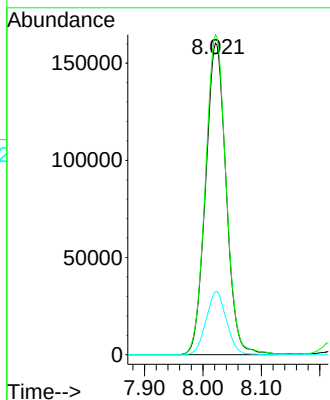
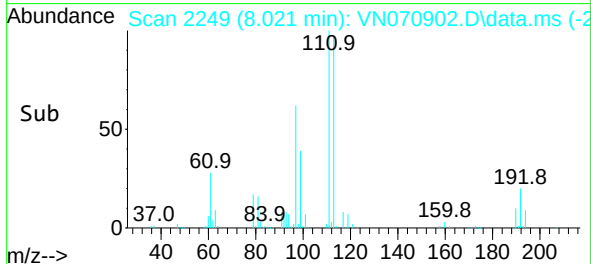
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



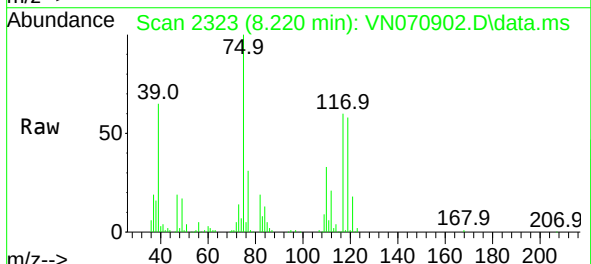
Tgt Ion:113 Resp: 393259
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.1 16.9 25.3

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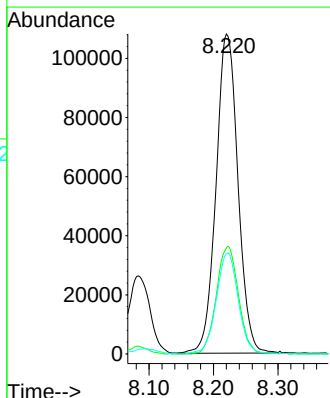
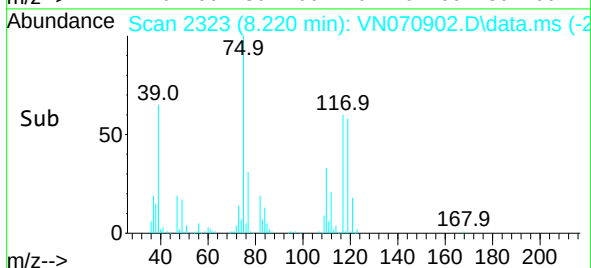
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

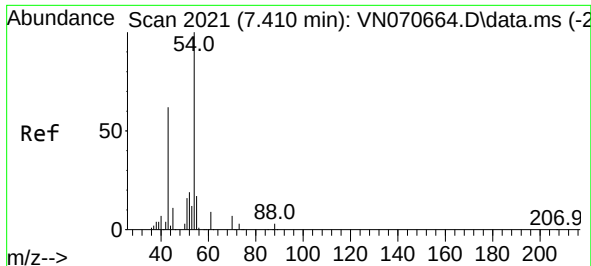


#36
1,1-Dichloropropene
Concen: 19.695 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



Tgt Ion: 75 Resp: 254842
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 21.564 ug/l

RT: 7.415 min Scan# 2021

Delta R.T. 0.002 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 43 Resp: 384550

Ion Ratio Lower Upper

43 100

61 13.3 11.5 17.3

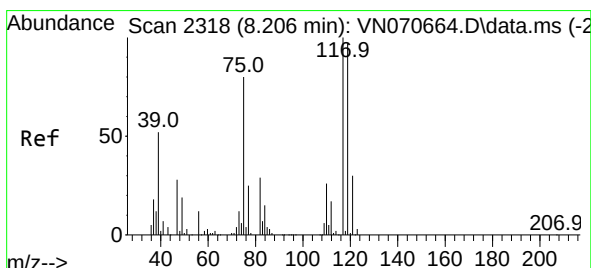
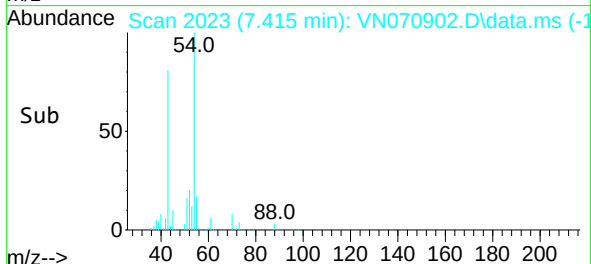
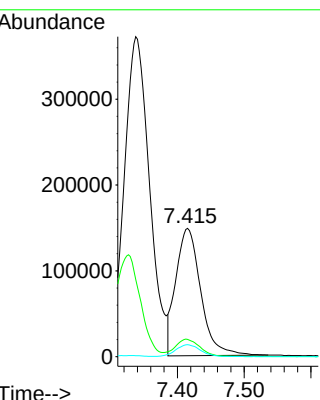
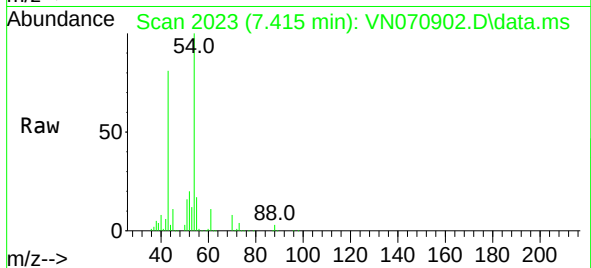
70 9.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Carbon Tetrachloride

Concen: 19.730 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

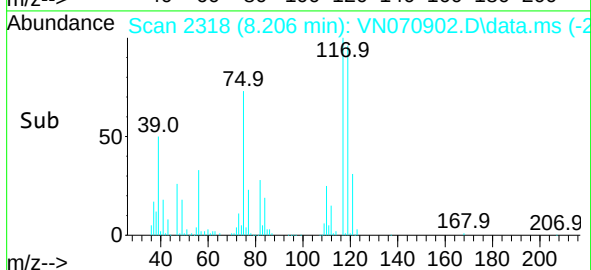
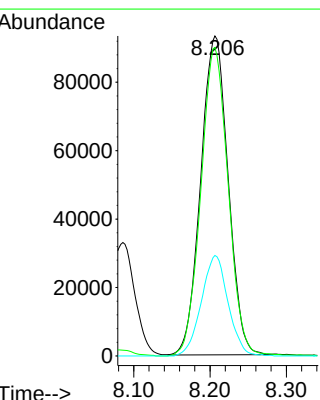
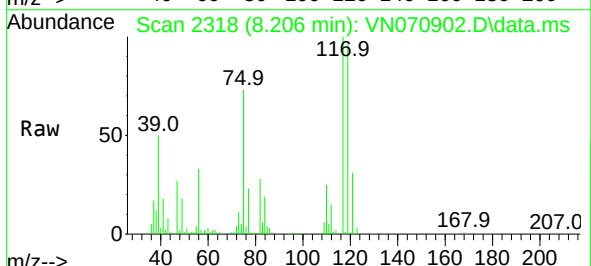
Tgt Ion:117 Resp: 233138

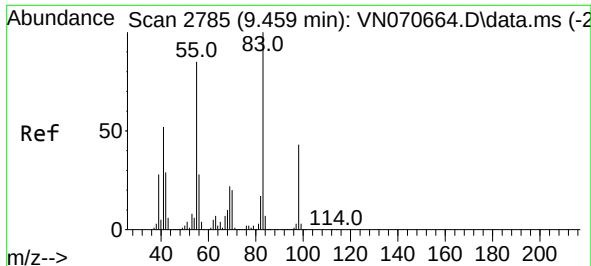
Ion Ratio Lower Upper

117 100

119 96.8 76.1 114.1

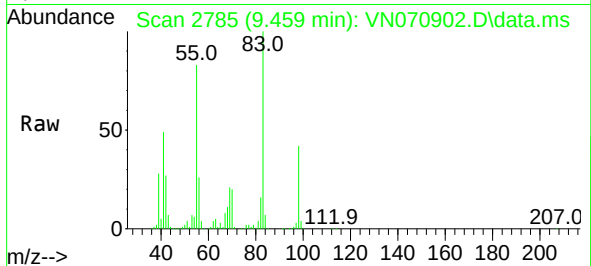
121 31.5 24.2 36.2





#39
Methylcyclohexane
Concen: 20.100 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

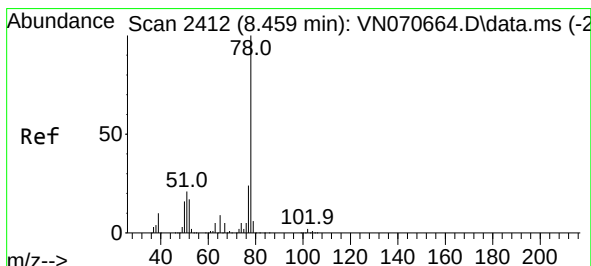
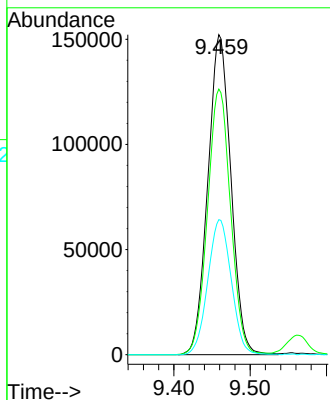
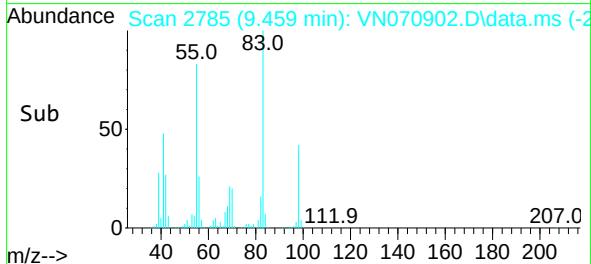
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 83 Resp: 319710
Ion Ratio Lower Upper
83 100
55 82.9 58.1 87.1
98 42.2 38.4 57.6

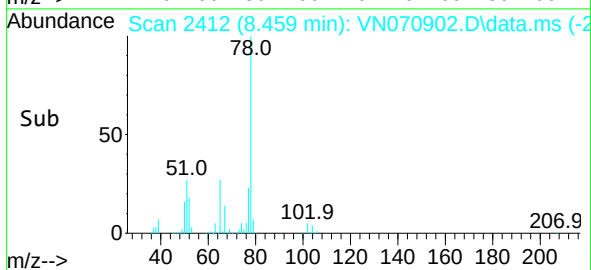
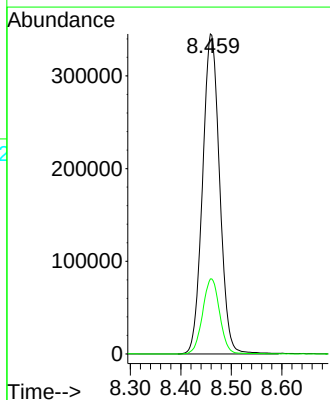
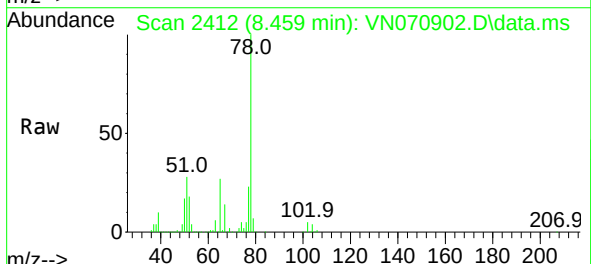
Manual Integrations
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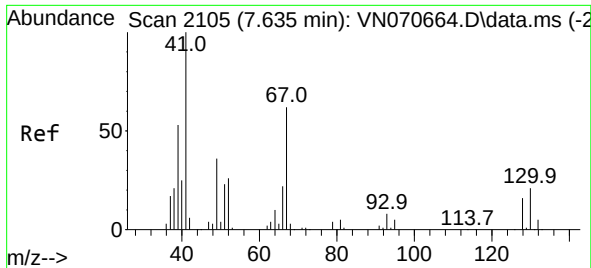
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#40
Benzene
Concen: 19.940 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

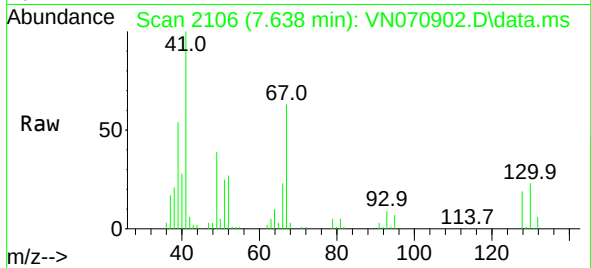
Tgt Ion: 78 Resp: 810568
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 20.990 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

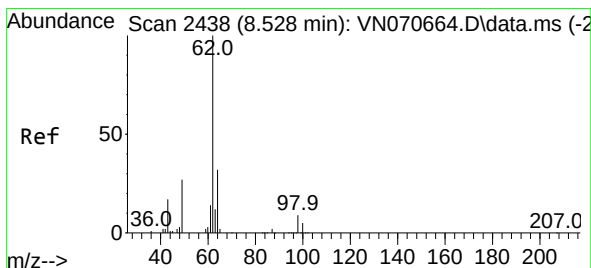
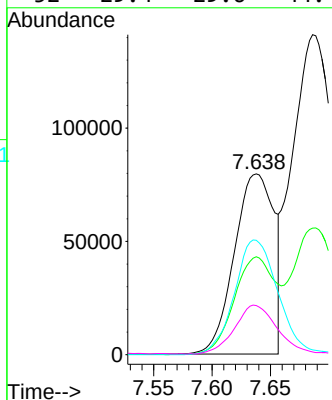
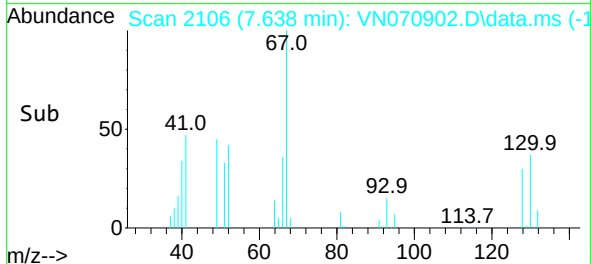
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



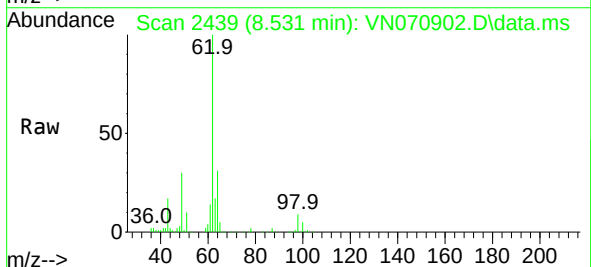
Tgt Ion: 41 Resp: 18807
Ion Ratio Lower Upper
41 100
39 56.6 48.1 72.1
67 70.7 68.3 102.5
52 29.4 29.6 44.4#

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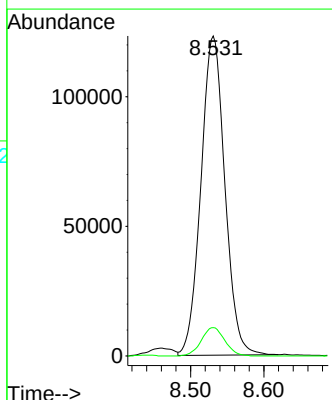
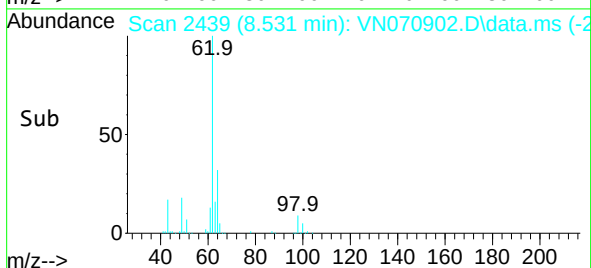
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

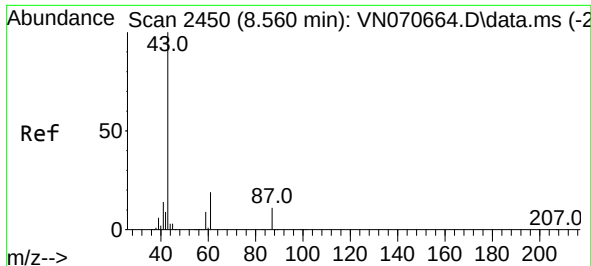


#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



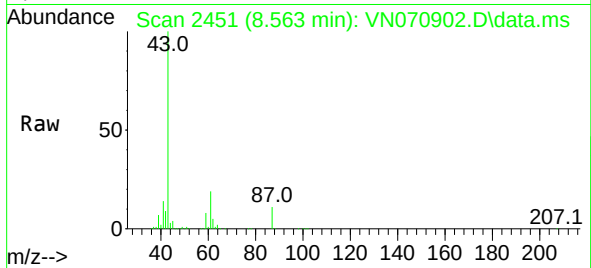
Tgt Ion: 62 Resp: 279709
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.609 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

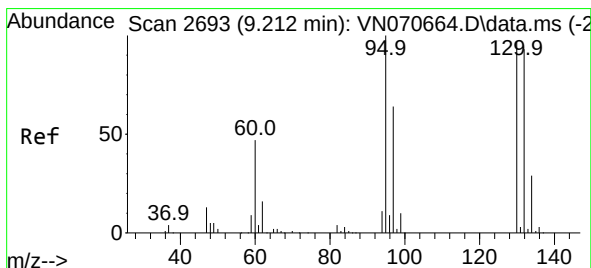
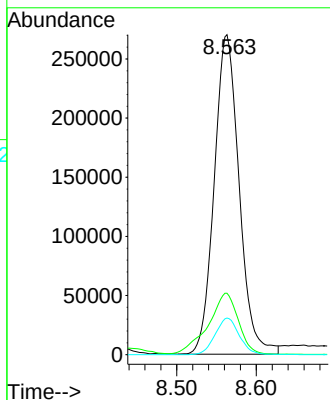
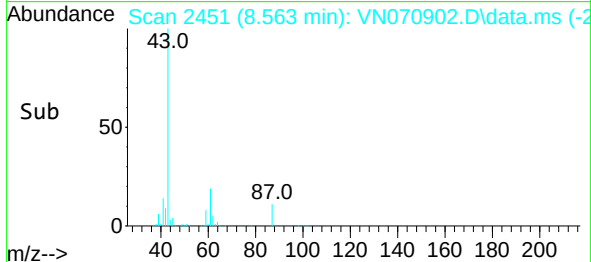
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 587860
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 11.2 11.2 16.8

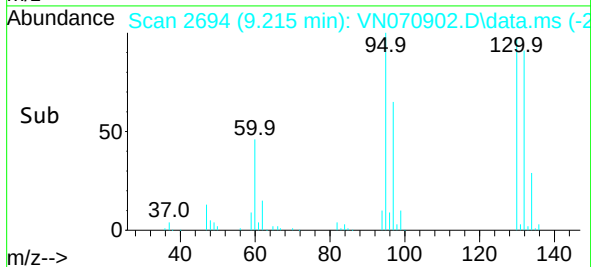
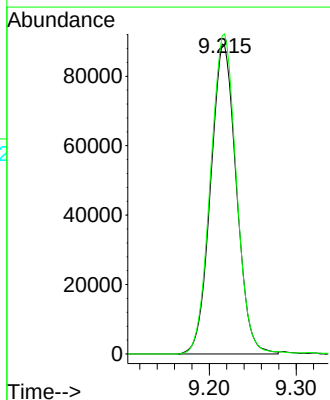
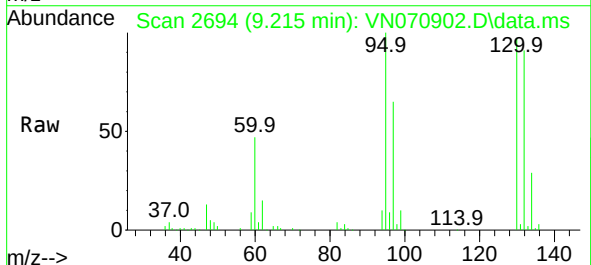
Manual Integrations
APPROVED

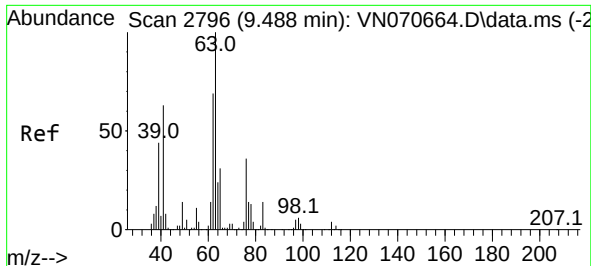
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
Trichloroethene
Concen: 19.494 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:130 Resp: 183371
Ion Ratio Lower Upper
130 100
95 102.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.288 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 63 Resp: 22085

Ion Ratio Lower Upper

63 100

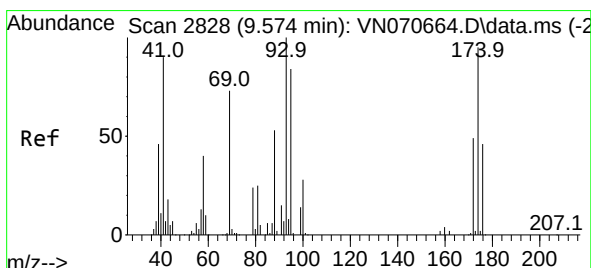
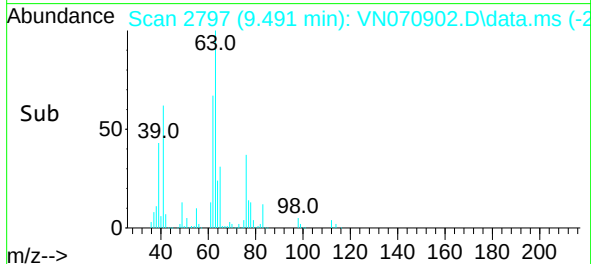
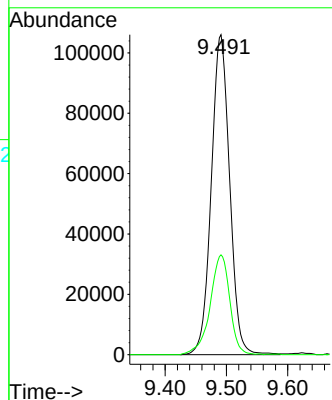
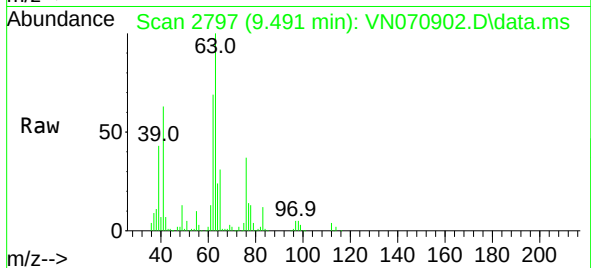
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 20.089 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

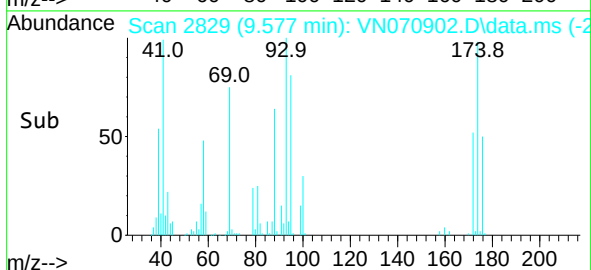
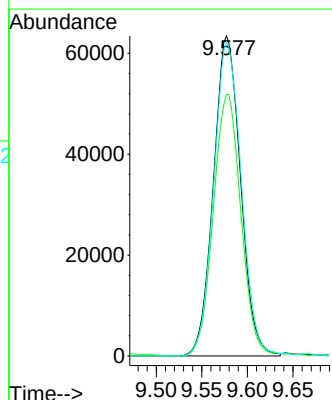
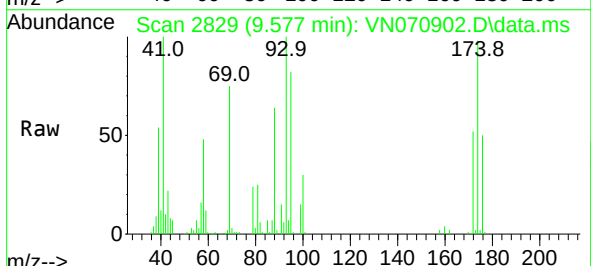
Tgt Ion: 93 Resp: 130998

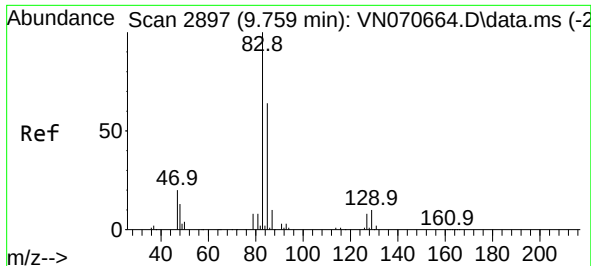
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

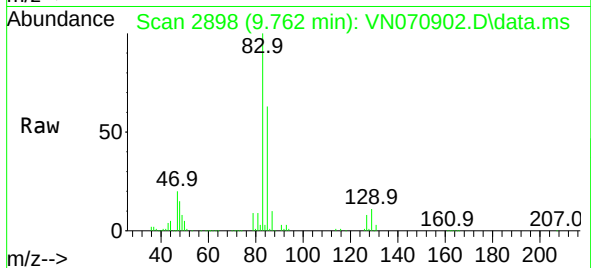
174 100.0 84.6 127.0





#47
Bromodichloromethane
Concen: 19.891 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

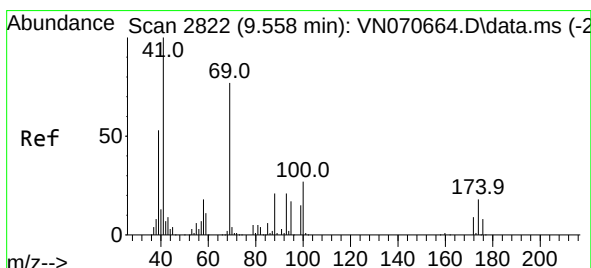
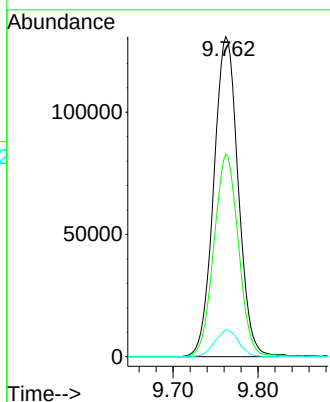
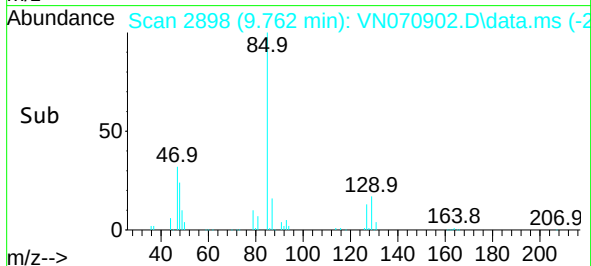
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 83 Resp: 261275
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.4 7.1 10.7

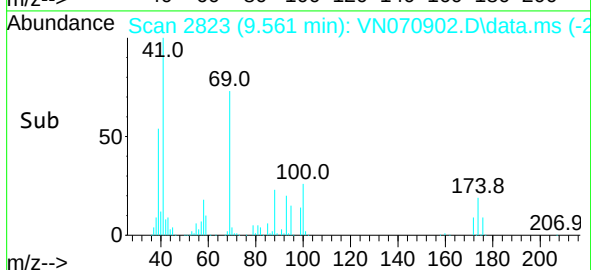
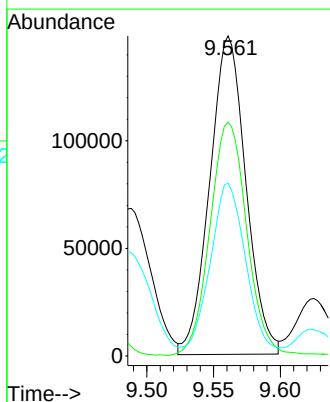
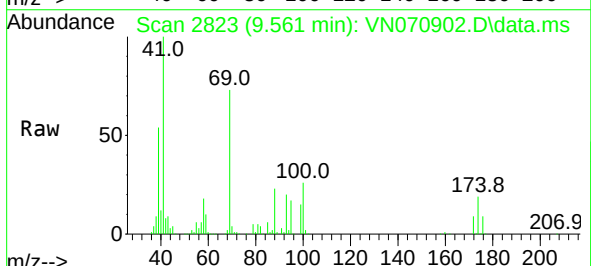
Manual Integrations
APPROVED

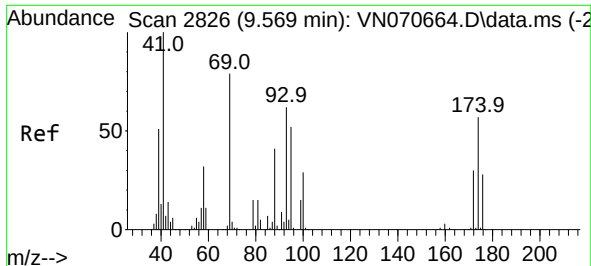
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Methyl methacrylate
Concen: 21.581 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion: 41 Resp: 278947
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 49.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 452.440 ug/l

RT: 9.572 min Scan# 2826

Delta R.T. 0.003 min

Lab File: VN070902.D

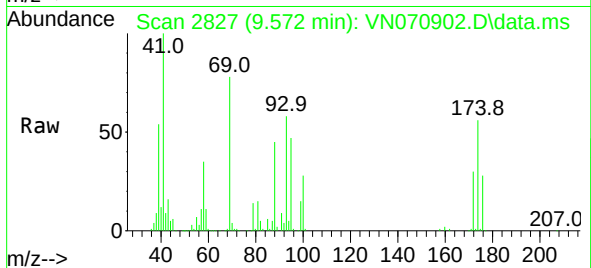
Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01



Tgt Ion: 88 Resp: 9796

Ion Ratio Lower Upper

88 100

43 31.7 23.4 35.2

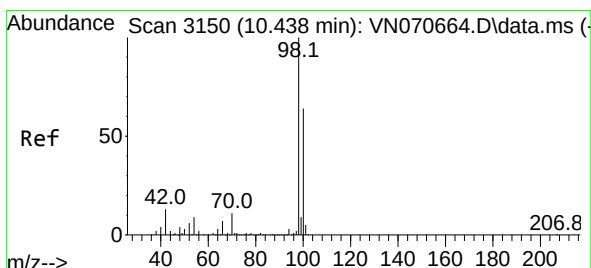
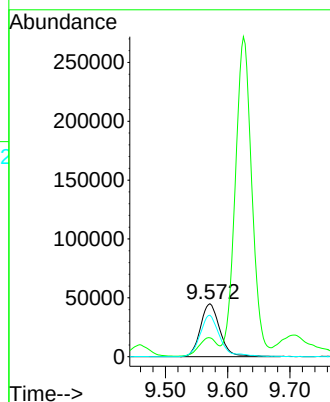
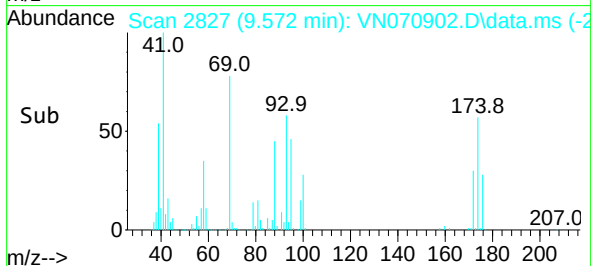
58 76.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#50

Toluene-d8

Concen: 49.386 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN070902.D

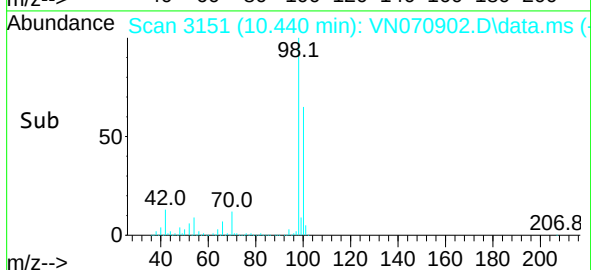
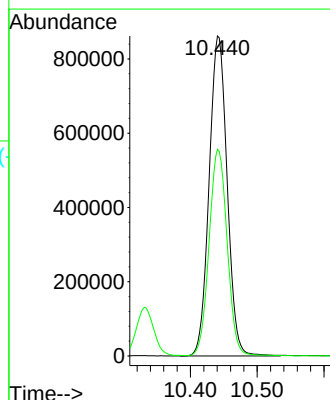
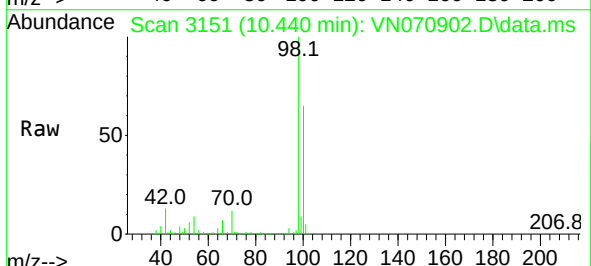
Acq: 2 Feb 2022 19:25

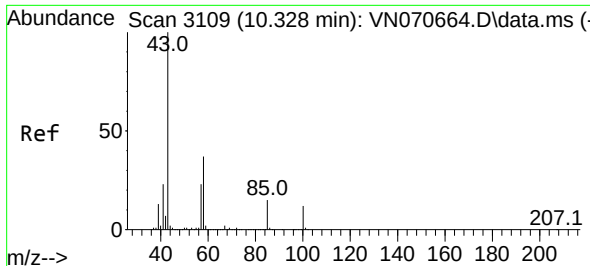
Tgt Ion: 98 Resp: 1615038

Ion Ratio Lower Upper

98 100

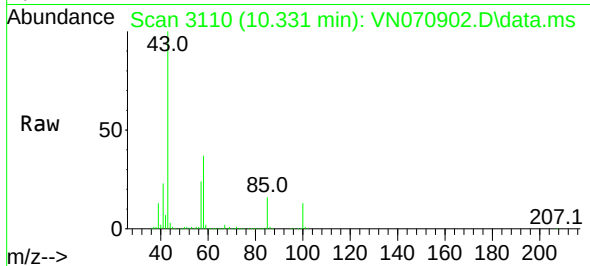
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 108.443 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

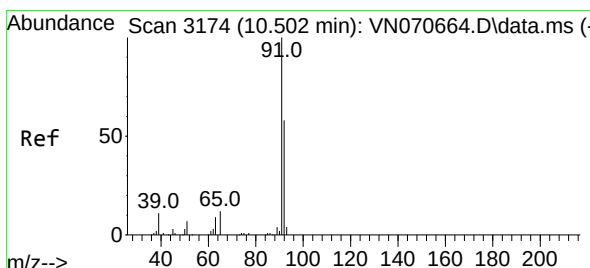
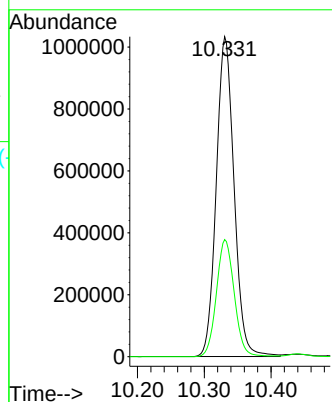
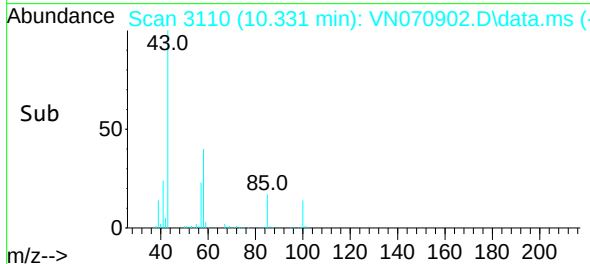
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 191355
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

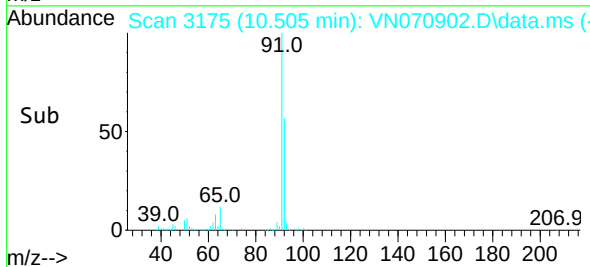
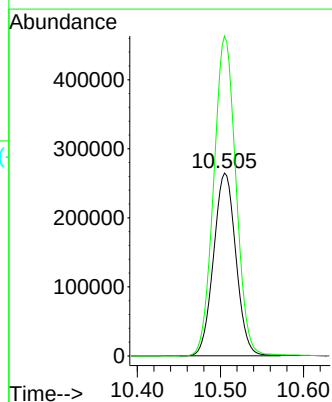
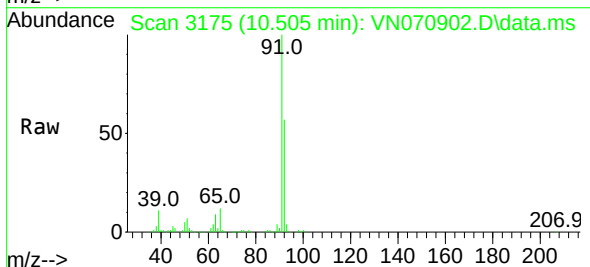
Manual Integrations
APPROVED

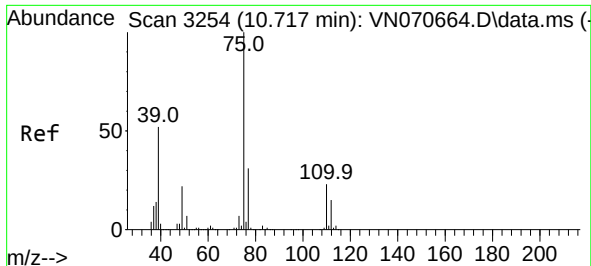
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 19.625 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

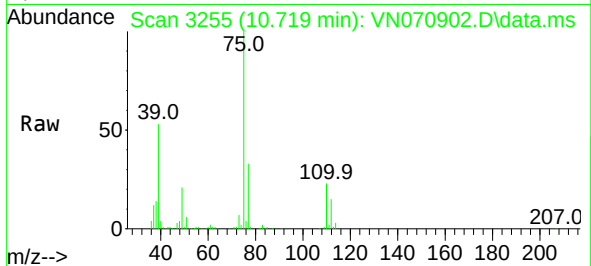
Tgt Ion: 92 Resp: 494308
Ion Ratio Lower Upper
92 100
91 174.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.511 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

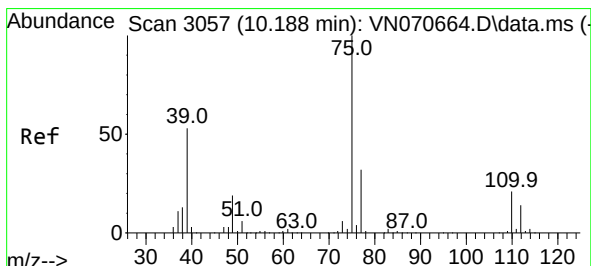
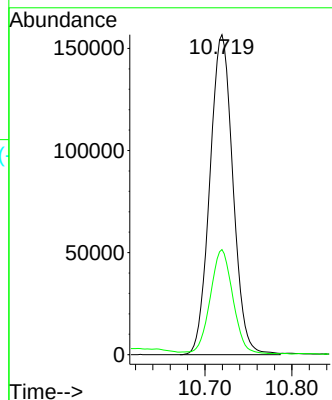
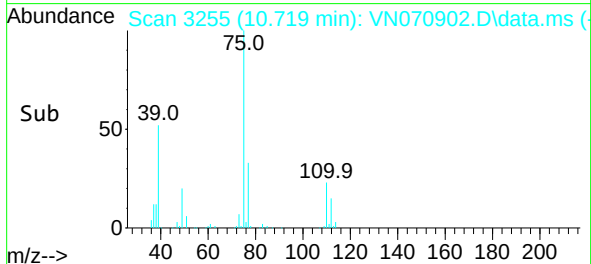
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 75 Resp: 289224
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4

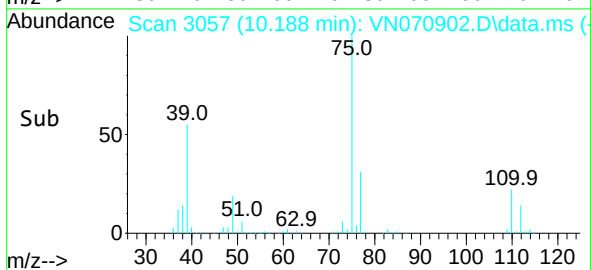
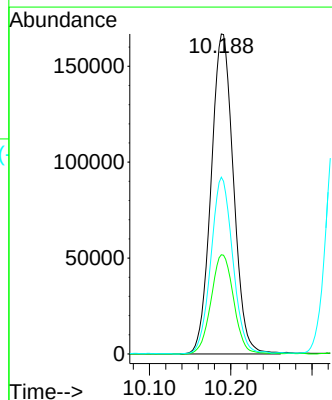
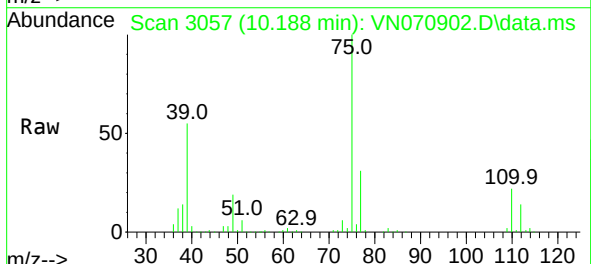
Manual Integrations
APPROVED

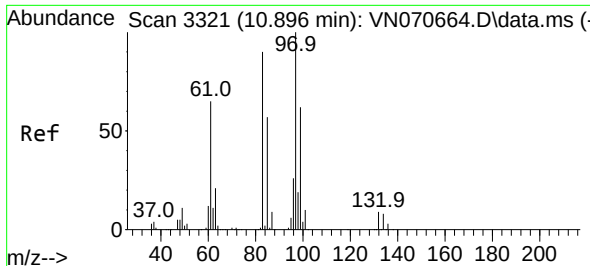
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#54
cis-1,3-Dichloropropene
Concen: 19.761 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion: 75 Resp: 318603
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 55.2 42.5 63.7





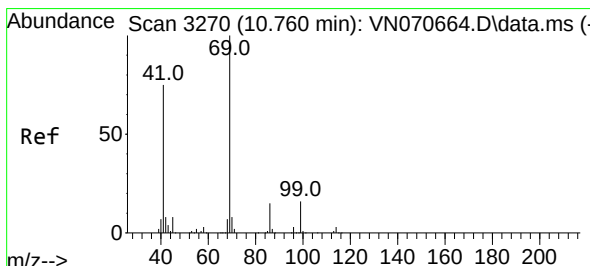
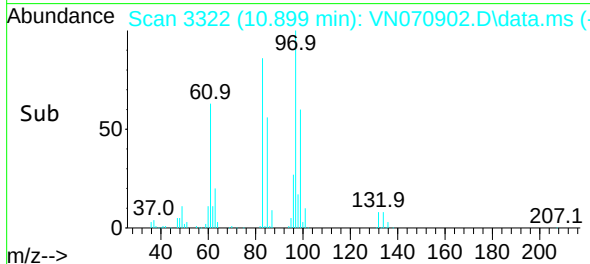
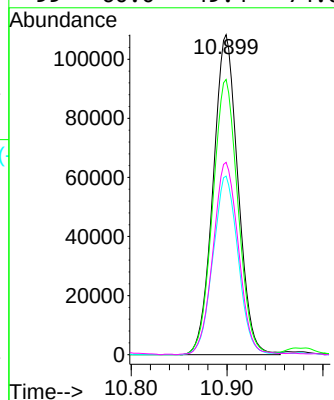
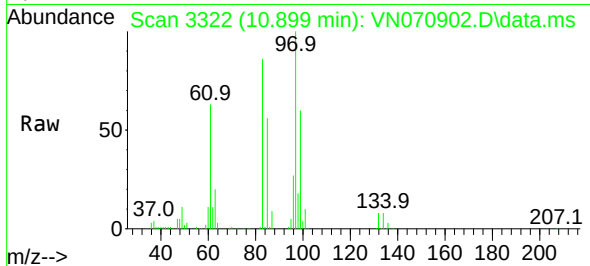
#55
1,1,2-Trichloroethane
Concen: 20.370 ug/l
RT: 10.899 min Scan# 3321
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion: 97 Resp: 194850
Ion Ratio Lower Upper
97 100
83 86.0 67.8 101.6
85 55.8 45.4 68.2
99 60.0 49.4 74.0

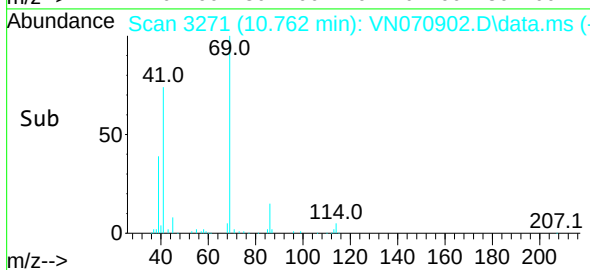
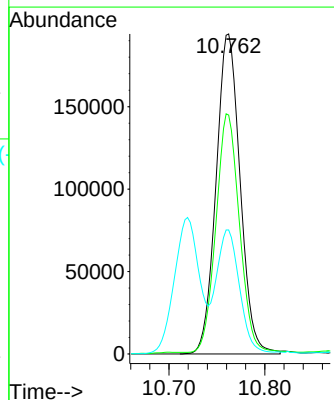
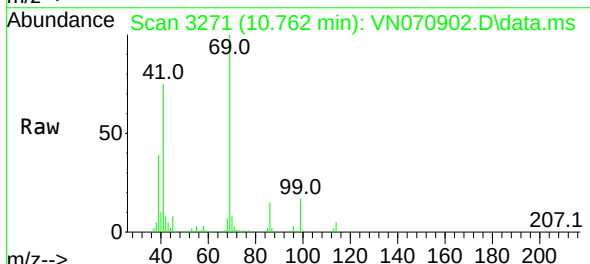
Manual Integrations
APPROVED

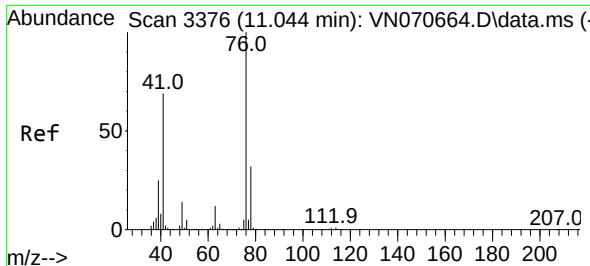
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
Ethyl methacrylate
Concen: 20.296 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion: 69 Resp: 338148
Ion Ratio Lower Upper
69 100
41 72.8 51.4 77.0
39 36.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.433 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 76 Resp: 34217

Ion Ratio Lower Upper

76 100

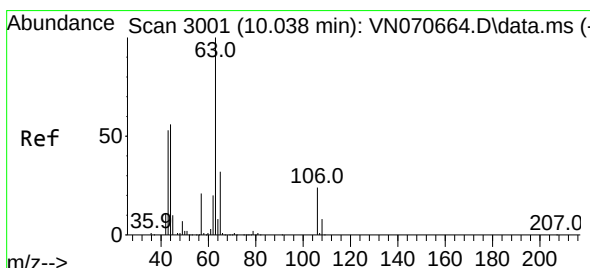
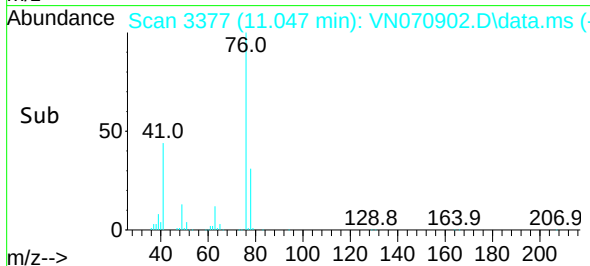
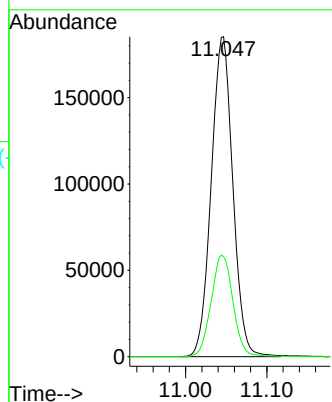
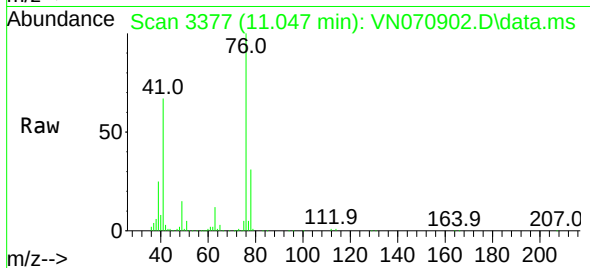
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.787 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070902.D

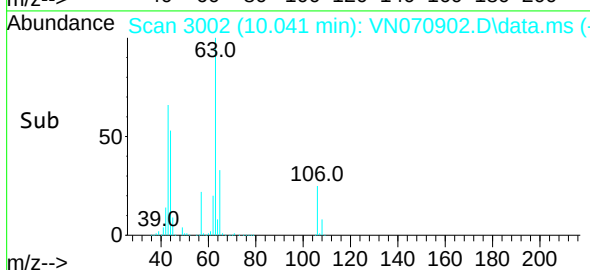
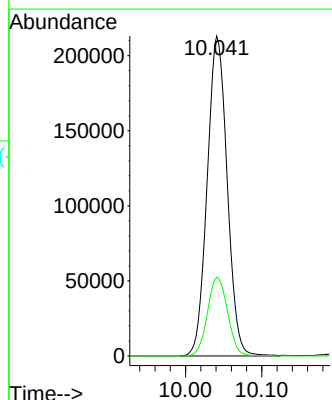
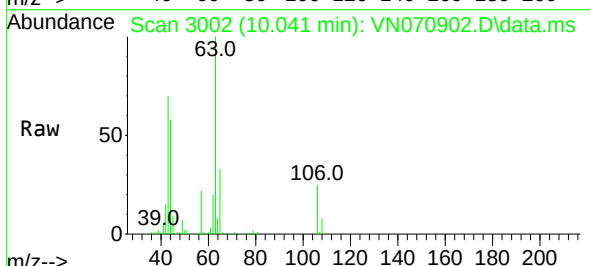
Acq: 2 Feb 2022 19:25

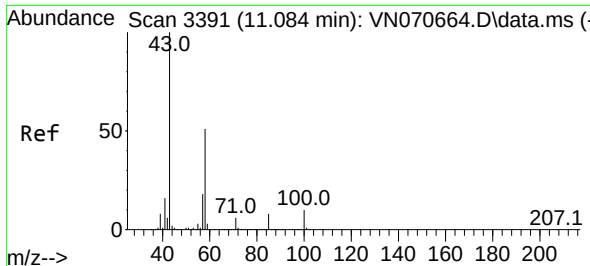
Tgt Ion: 63 Resp: 387481

Ion Ratio Lower Upper

63 100

106 24.8 23.9 35.9





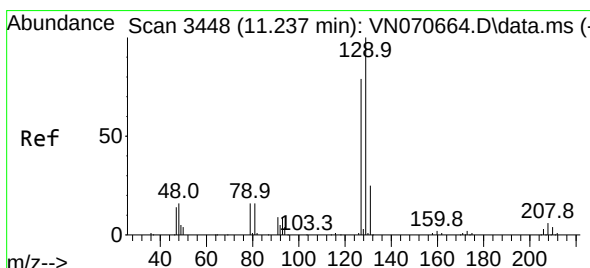
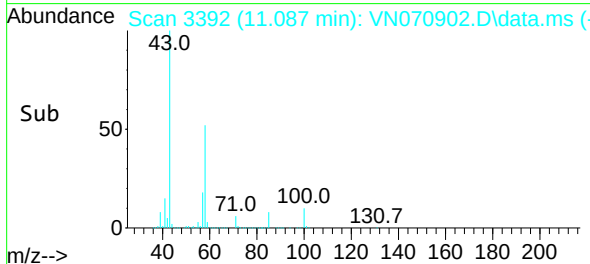
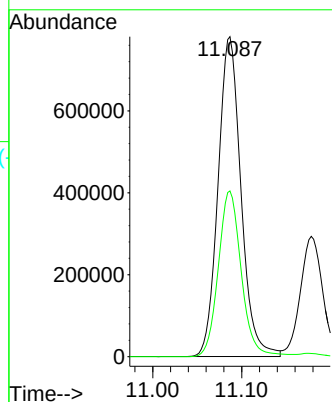
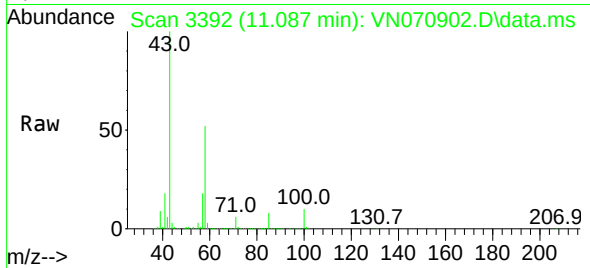
#59
2-Hexanone
Concen: 108.473 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion: 43 Resp: 139749
Ion Ratio Lower Upper
43 100
58 51.9 26.9 80.7

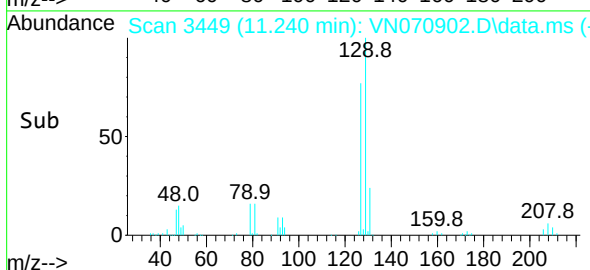
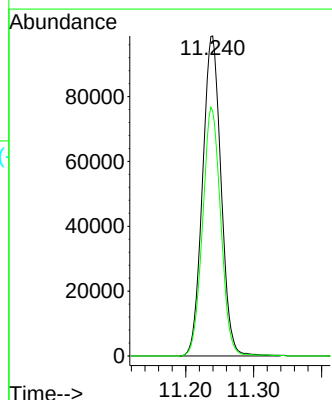
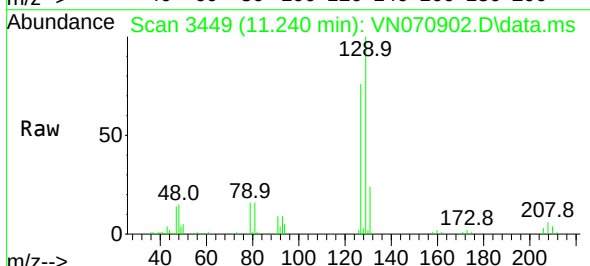
Manual Integrations
APPROVED

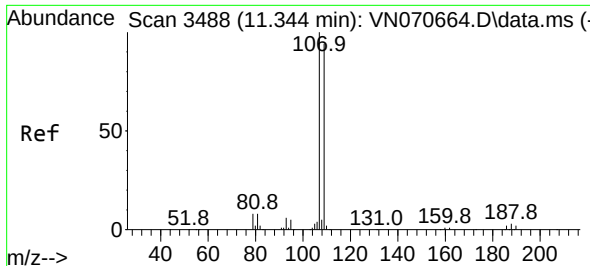
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
Dibromochloromethane
Concen: 19.668 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

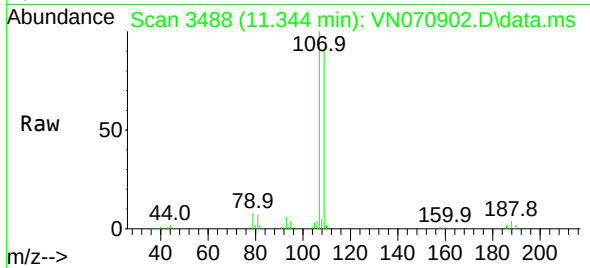
Tgt Ion:129 Resp: 186602
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.109 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

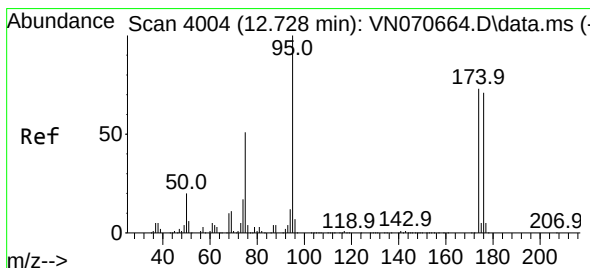
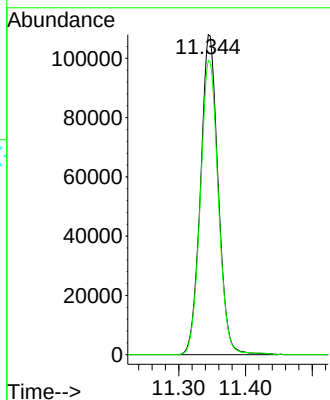
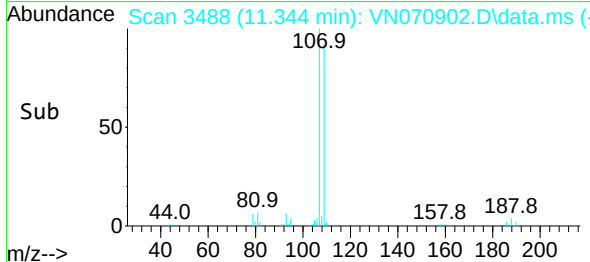
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



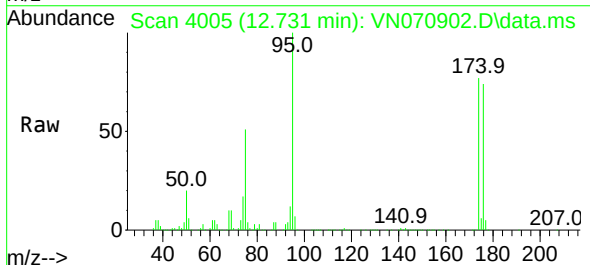
Tgt Ion:107 Resp: 197830
Ion Ratio Lower Upper
107 100
109 93.5 75.7 113.5

Manual Integrations
APPROVED

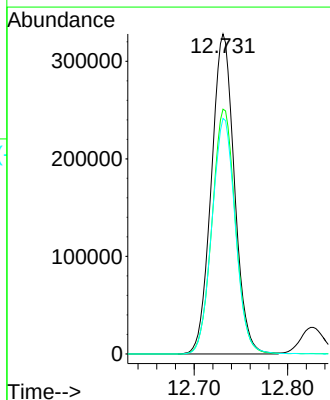
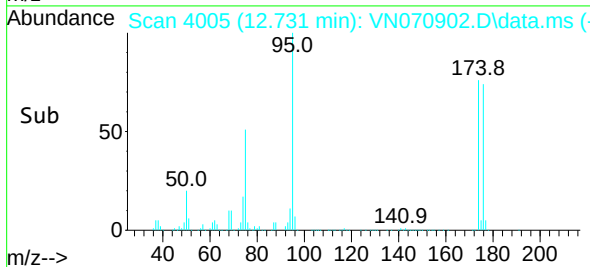
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

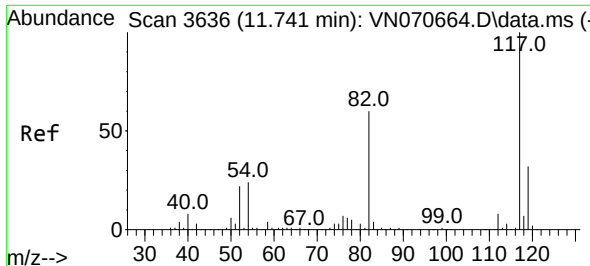


#62
4-Bromofluorobenzene
Concen: 47.742 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



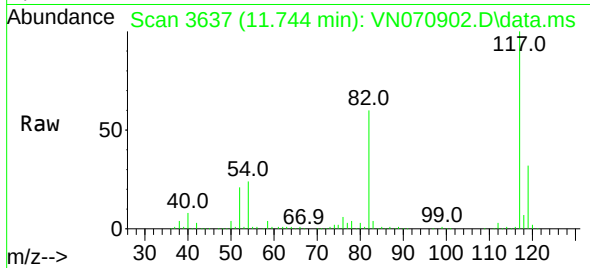
Tgt Ion: 95 Resp: 562563
Ion Ratio Lower Upper
95 100
174 77.2 0.0 187.2
176 74.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

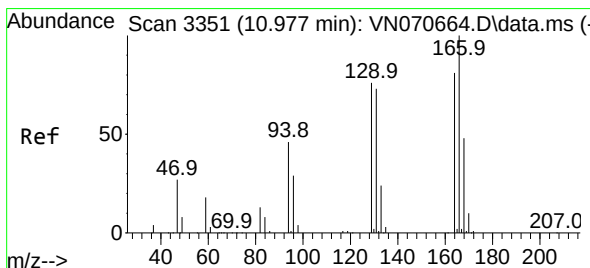
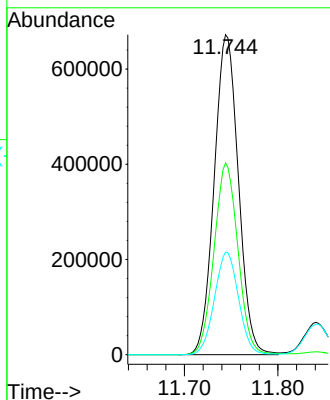
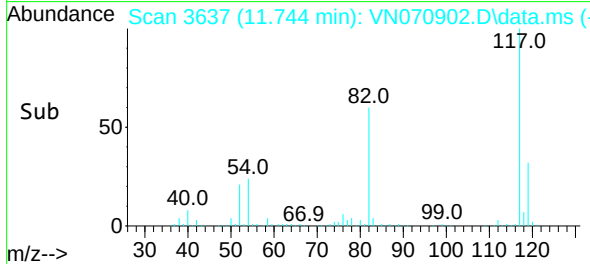
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion:117 Resp: 1211374
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.1 25.4 38.2

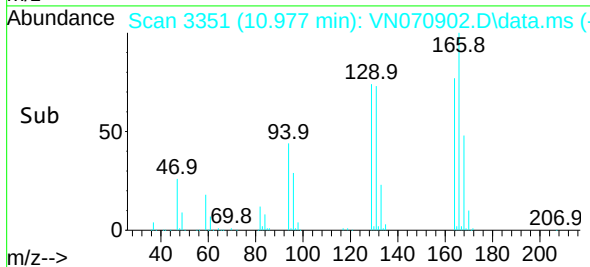
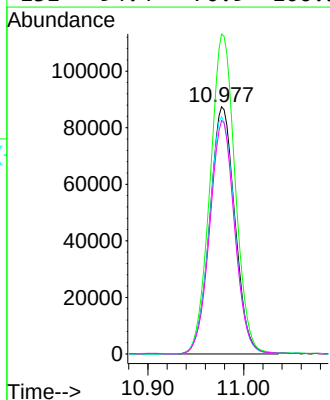
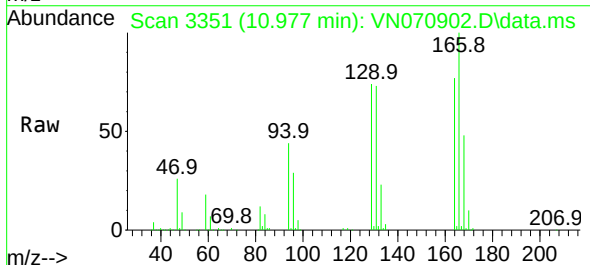
Manual Integrations
APPROVED

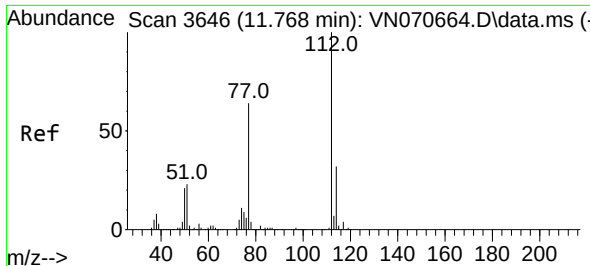
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#64
Tetrachloroethene
Concen: 20.062 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:164 Resp: 159068
Ion Ratio Lower Upper
164 100
166 129.4 101.9 152.9
129 96.0 72.0 108.0
131 94.4 70.9 106.3





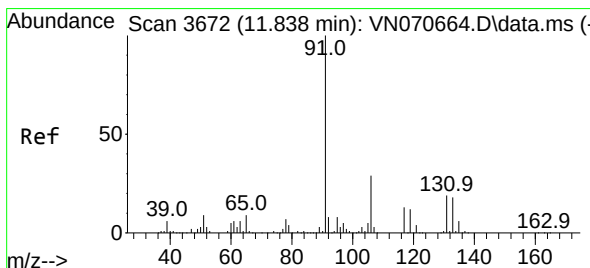
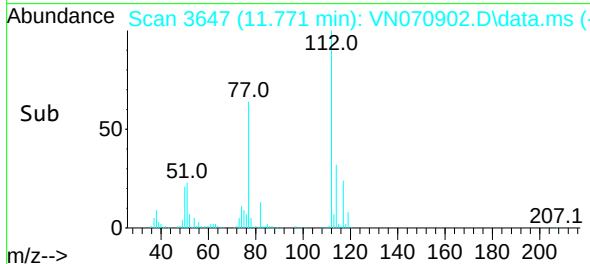
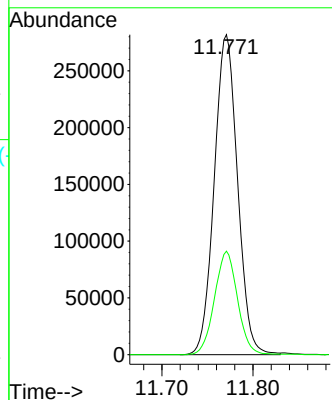
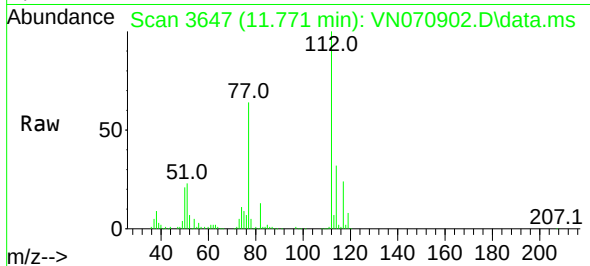
#65
Chlorobenzene
Concen: 19.750 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion:112 Resp: 500739
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

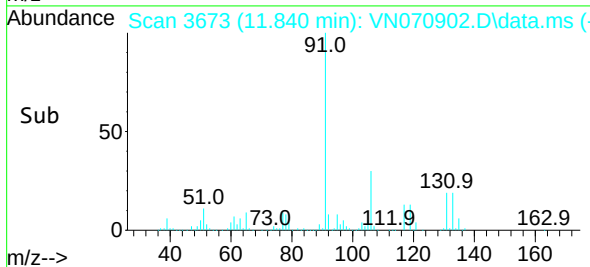
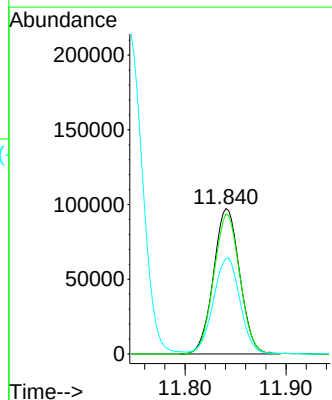
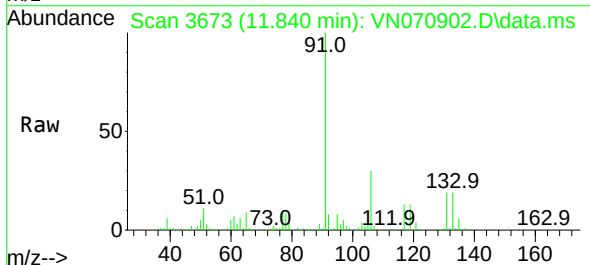
Manual Integrations
APPROVED

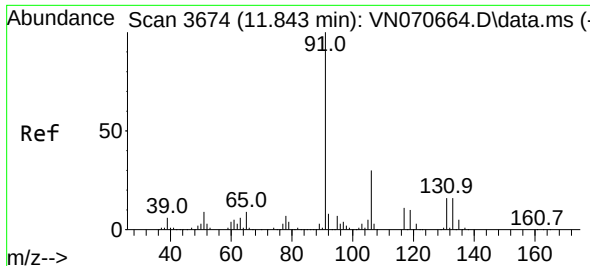
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.862 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:131 Resp: 175760
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 66.5 32.1 96.5





#67

Ethyl Benzene

Concen: 20.190 ug/l

RT: 11.846 min Scan# 30

Delta R.T. 0.003 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 91 Resp: 933128

Ion Ratio Lower Upper

91 100

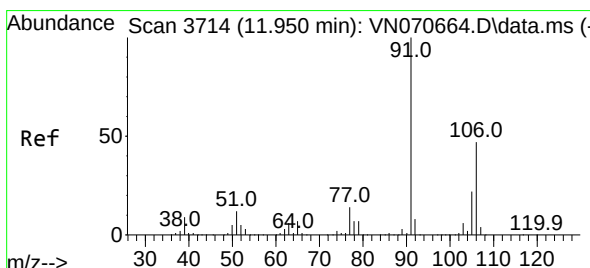
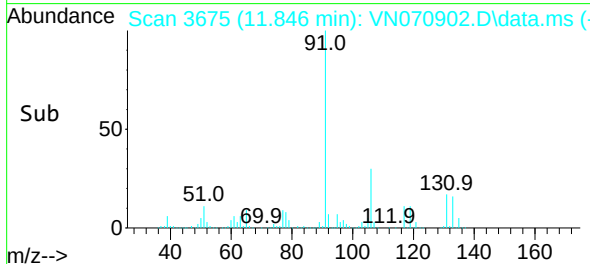
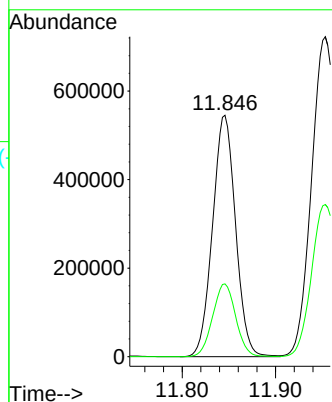
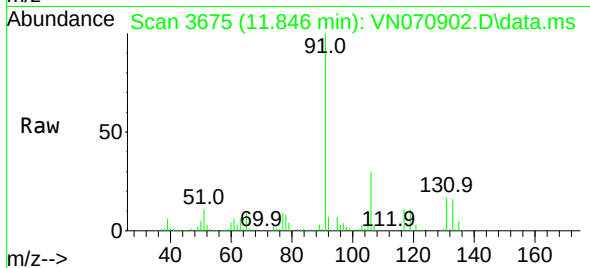
106 30.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#68

m/p-Xylenes

Concen: 40.440 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070902.D

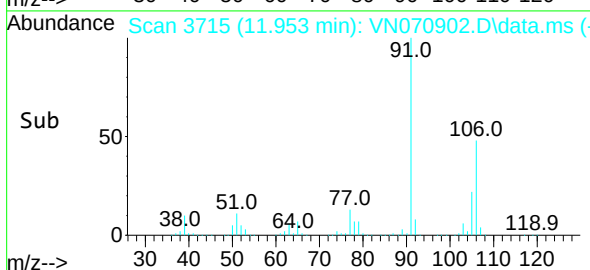
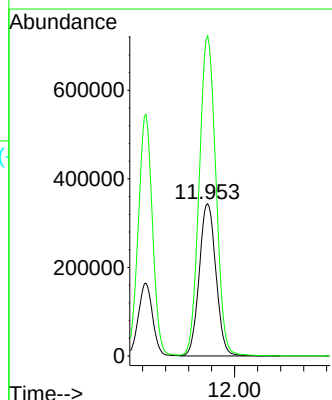
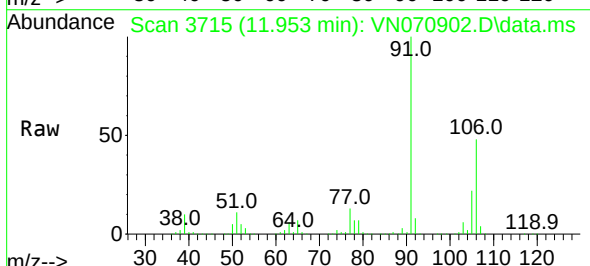
Acq: 2 Feb 2022 19:25

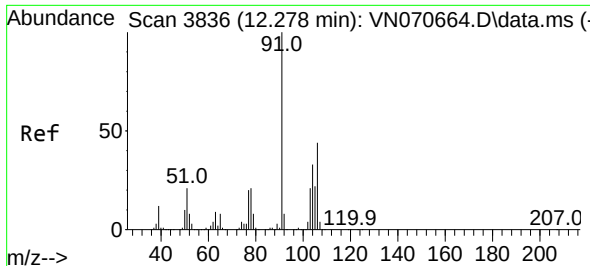
Tgt Ion:106 Resp: 692518

Ion Ratio Lower Upper

106 100

91 210.0 160.6 240.8





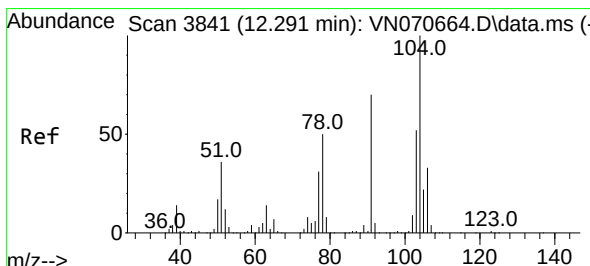
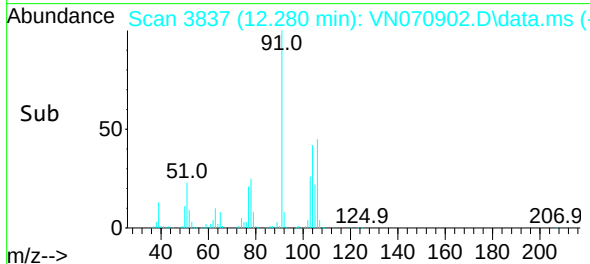
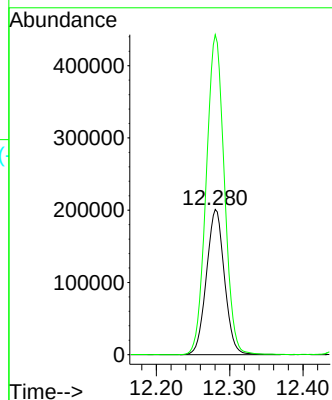
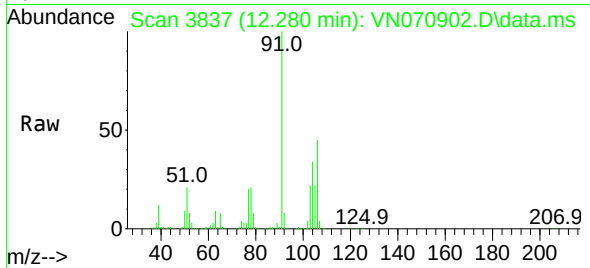
#69
o-Xylene
Concen: 20.043 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion:106 Resp: 34351
Ion Ratio Lower Upper
106 100
91 221.6 105.8 317.3

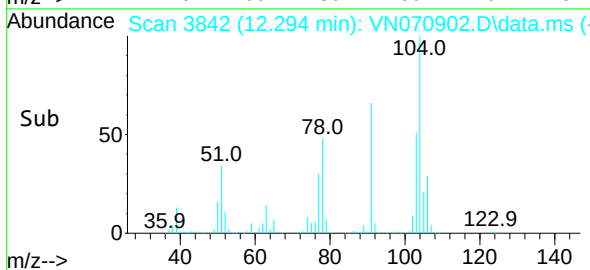
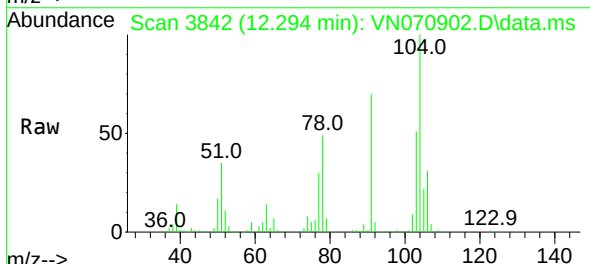
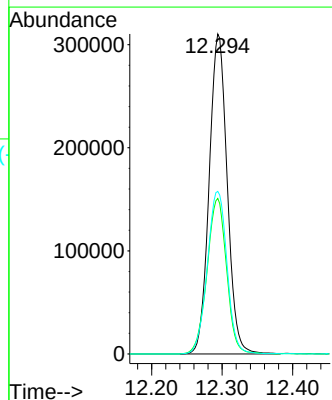
Manual Integrations
APPROVED

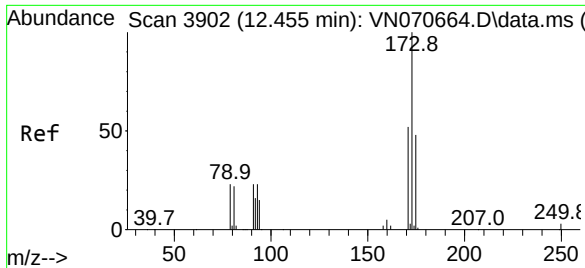
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 20.416 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:104 Resp: 551478
Ion Ratio Lower Upper
104 100
78 52.6 38.7 58.1
103 55.6 45.0 67.6





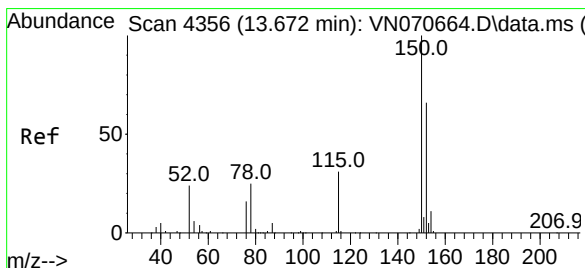
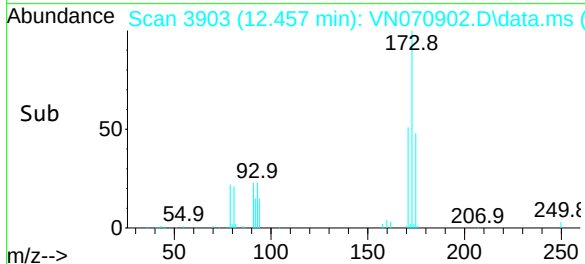
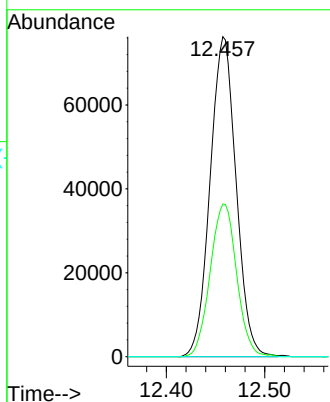
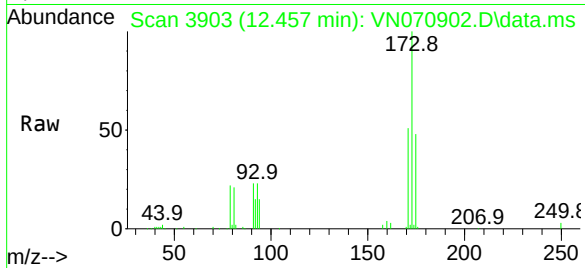
#71
Bromoform
Concen: 19.160 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion:173 Resp: 13998
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

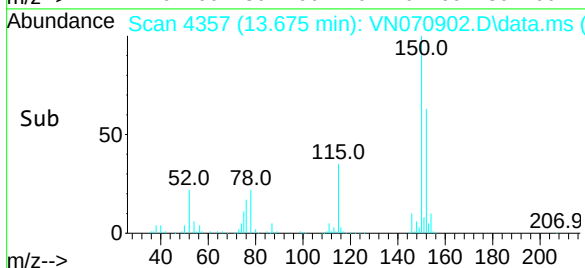
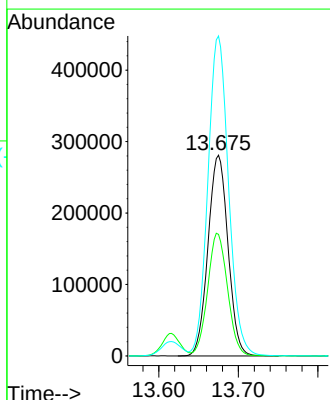
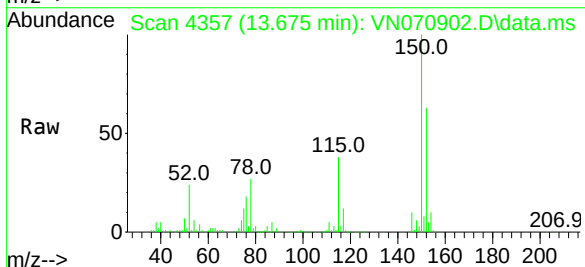
Manual Integrations
APPROVED

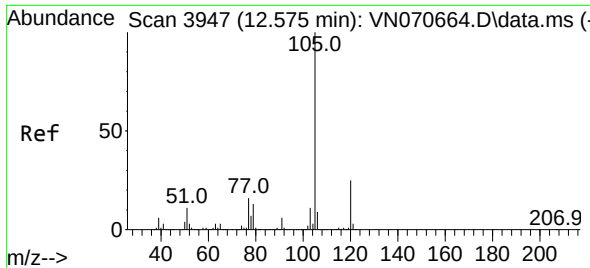
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

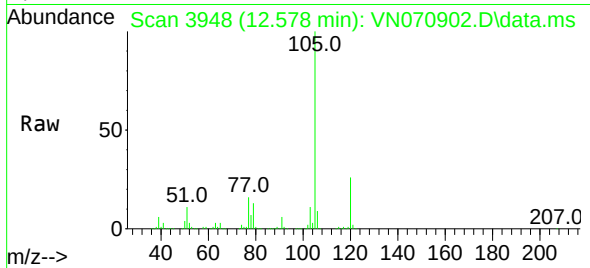
Tgt Ion:152 Resp: 491305
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 164.5 0.0 344.4





#73
Isopropylbenzene
Concen: 20.700 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

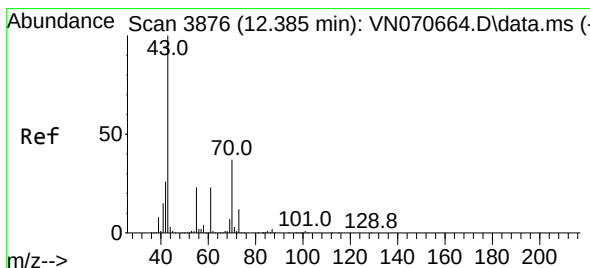
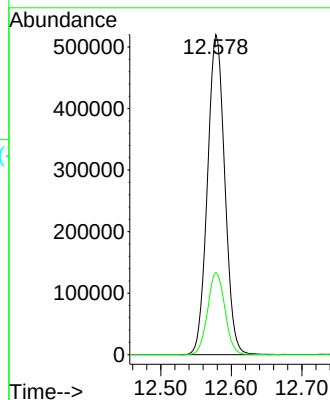
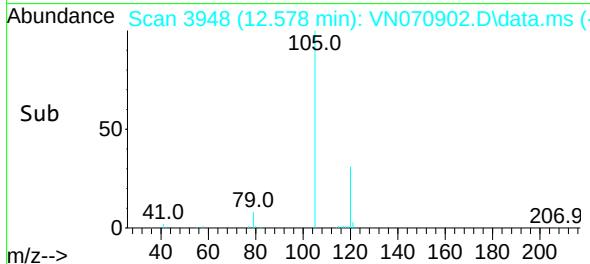
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion:105 Resp: 88734
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

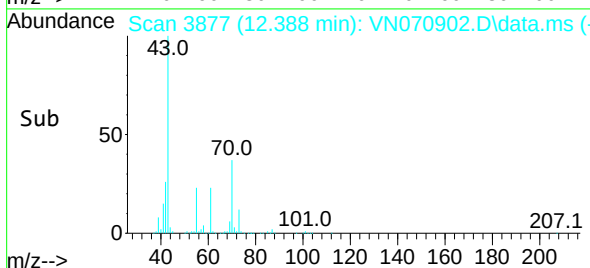
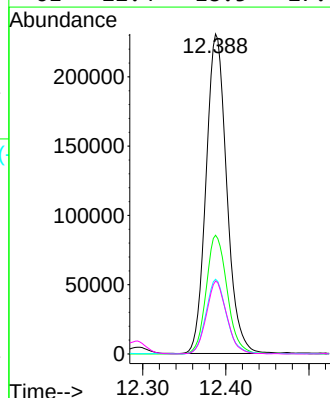
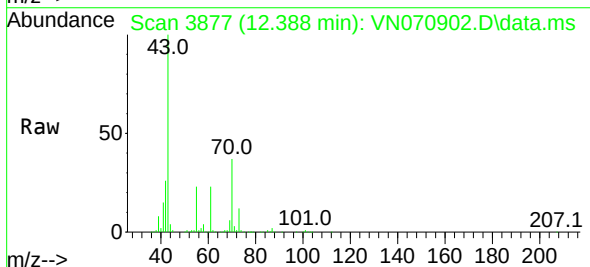
Manual Integrations
APPROVED

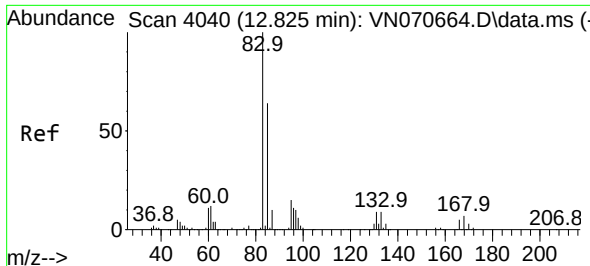
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#74
N-ethyl acetate
Concen: 20.731 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

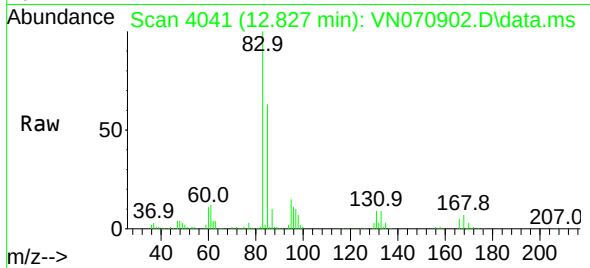
Tgt Ion: 43 Resp: 397990
Ion Ratio Lower Upper
43 100
70 37.8 33.4 50.0
55 23.3 19.3 28.9
61 22.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.127 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

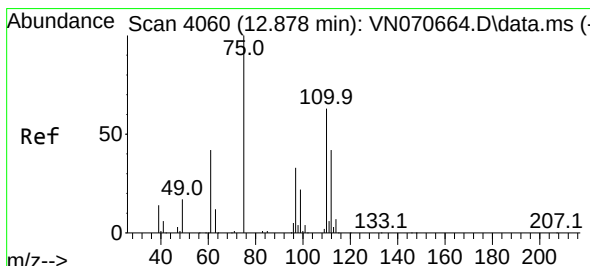
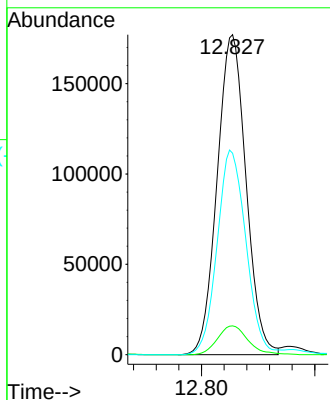
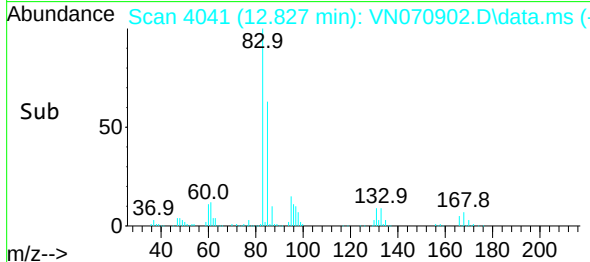
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



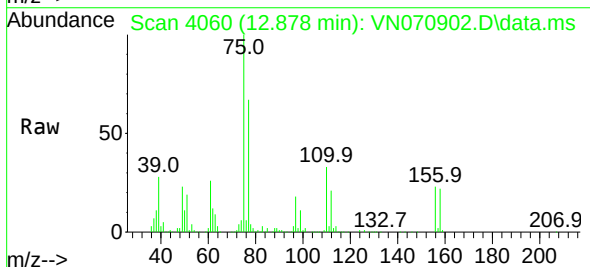
Tgt Ion: 83 Resp: 31368
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

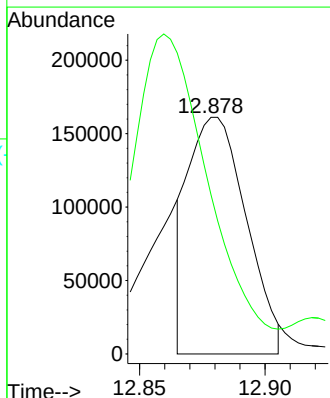
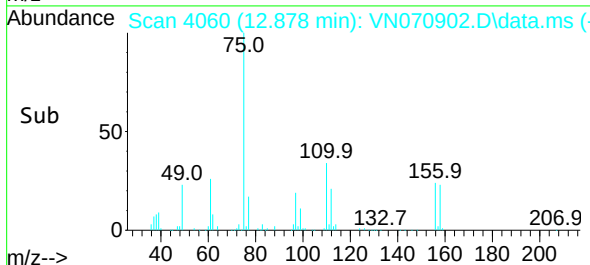
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

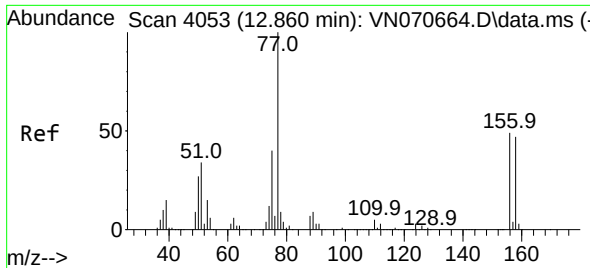


#76
1,2,3-Trichloropropane
Concen: 21.912 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



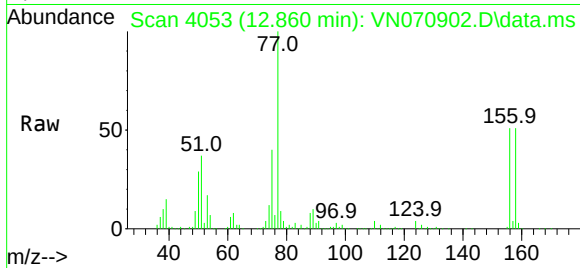
Tgt Ion: 75 Resp: 259118
Ion Ratio Lower Upper
75 100
77 181.8 82.6 247.8





#77
Bromobenzene
Concen: 19.802 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

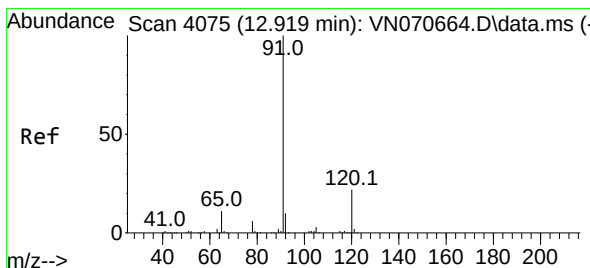
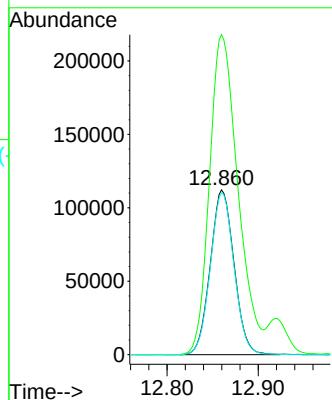
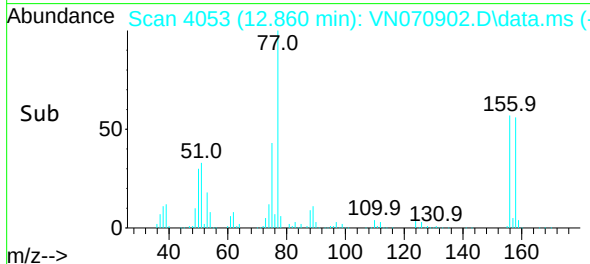
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



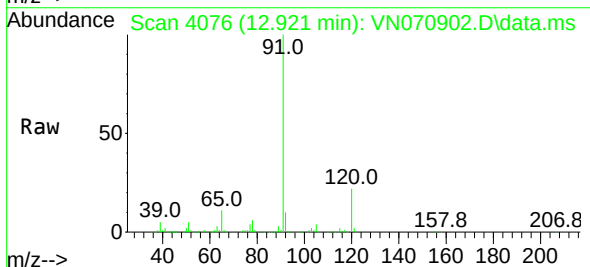
Tgt Ion:156 Resp: 203491
Ion Ratio Lower Upper
156 100
77 231.4 90.6 271.8
158 97.8 48.9 146.7

Manual Integrations
APPROVED

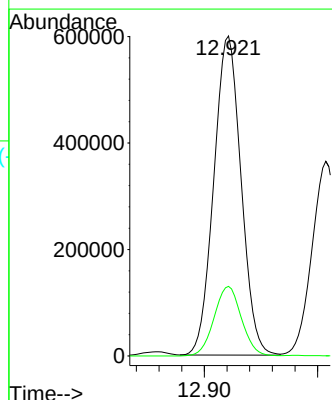
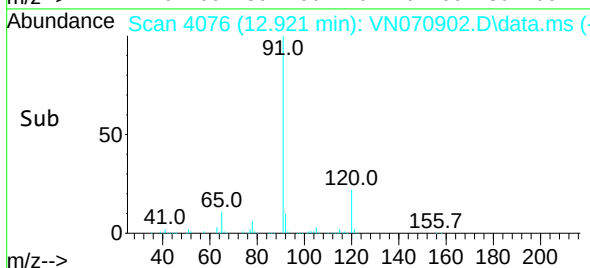
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

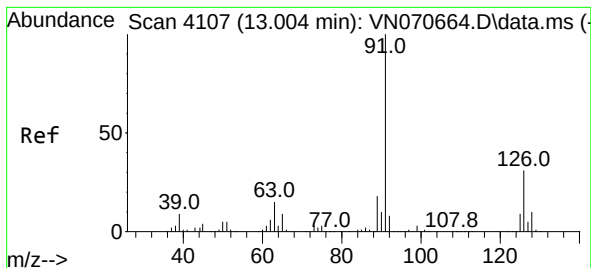


#78
n-propylbenzene
Concen: 20.476 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



Tgt Ion: 91 Resp: 1000991
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 20.351 ug/l

RT: 13.007 min Scan# 4107

Delta R.T. 0.000 min

Lab File: VN070902.D

Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 91 Resp: 61863

Ion Ratio Lower Upper

91 100

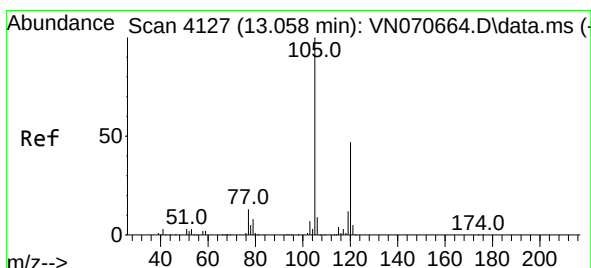
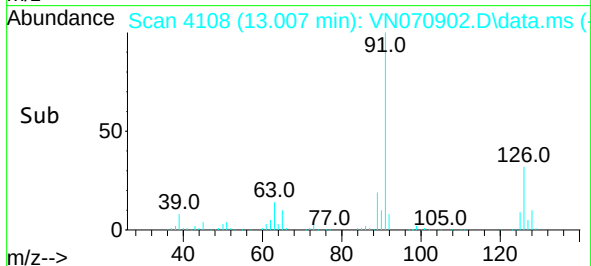
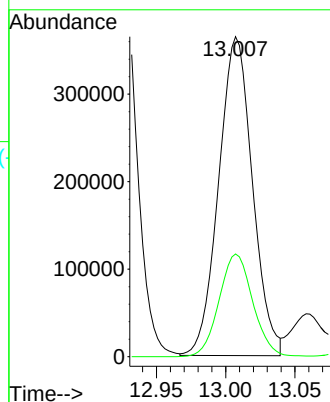
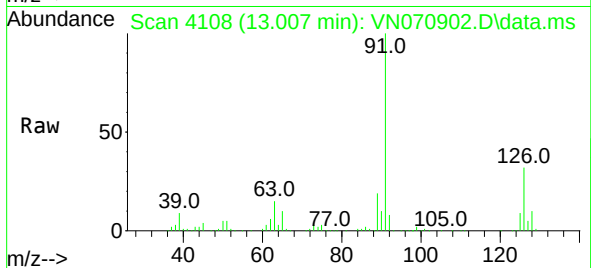
126 32.2 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.741 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070902.D

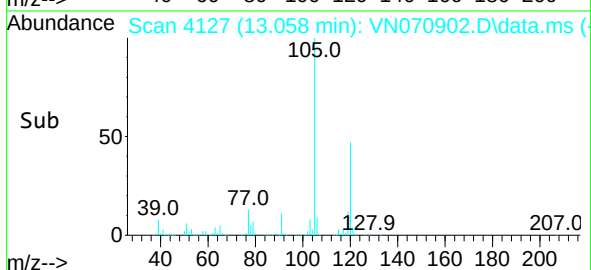
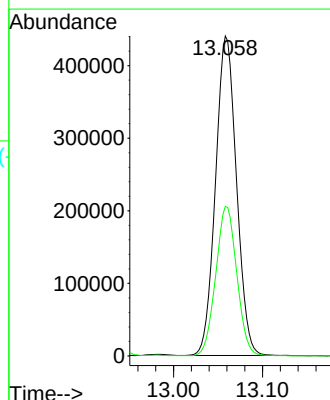
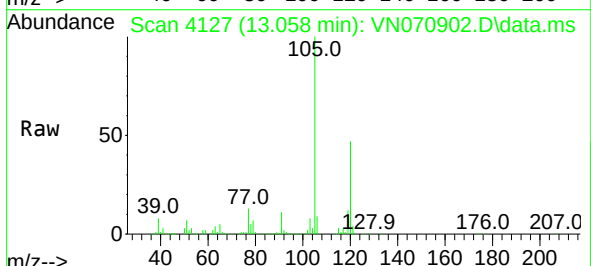
Acq: 2 Feb 2022 19:25

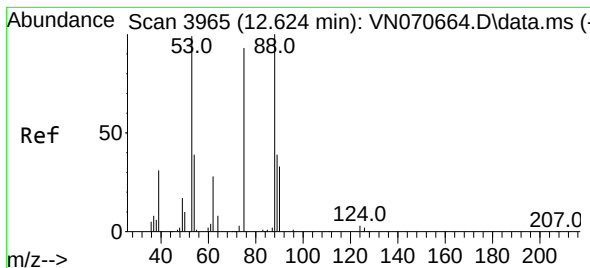
Tgt Ion:105 Resp: 720727

Ion Ratio Lower Upper

105 100

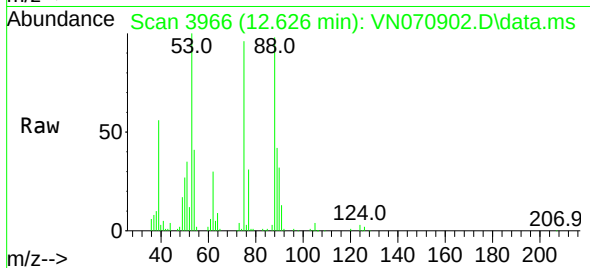
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.195 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

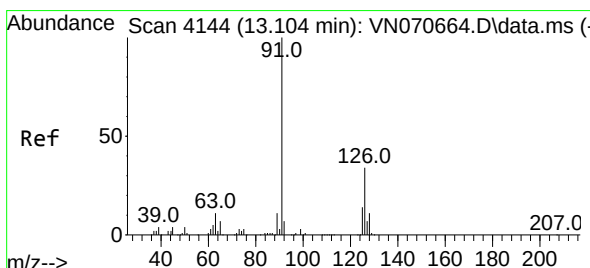
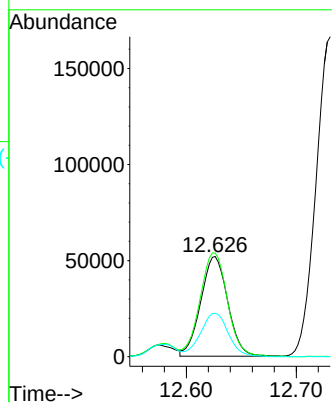
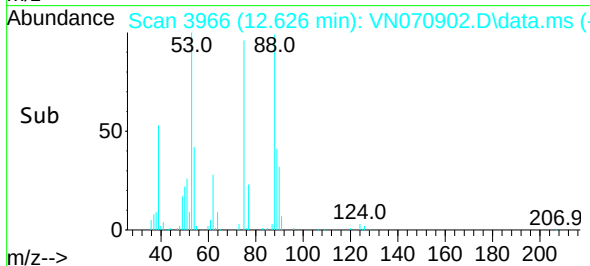
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 75 Resp: 88104
Ion Ratio Lower Upper
75 100
53 105.7 90.5 135.7
89 45.3 38.2 57.4

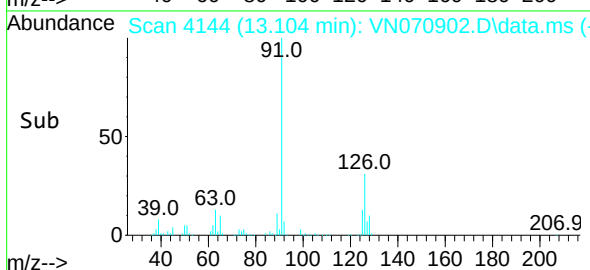
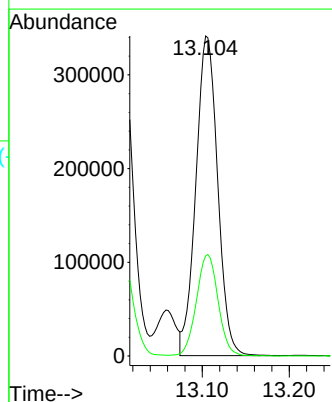
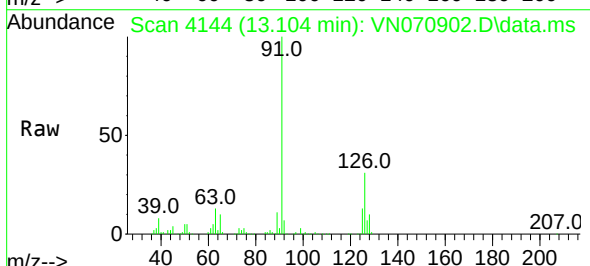
Manual Integrations
APPROVED

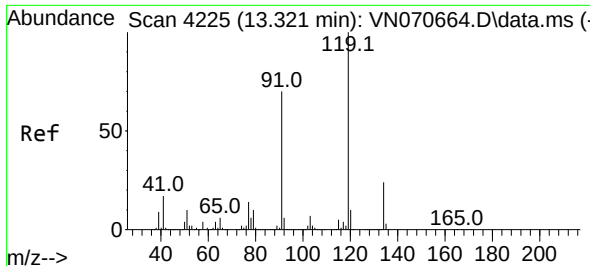
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#82
4-Chlorotoluene
Concen: 20.235 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion: 91 Resp: 592837
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





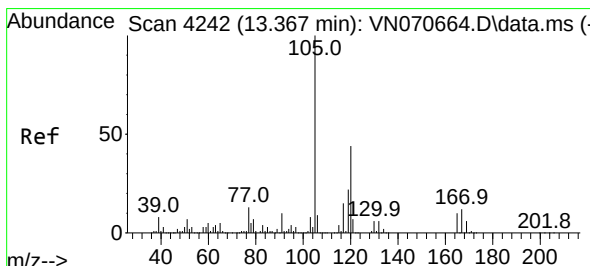
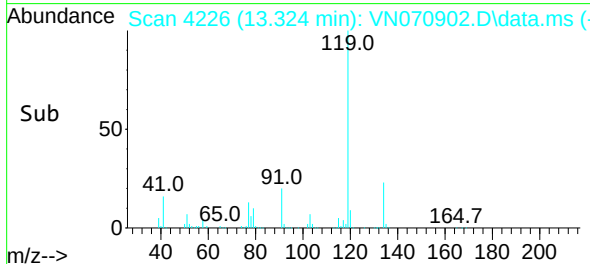
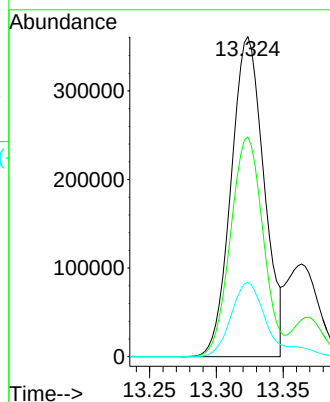
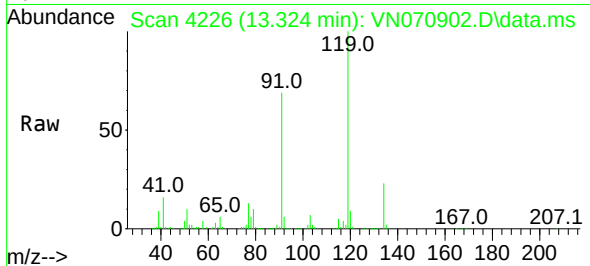
#83
tert-Butylbenzene
Concen: 20.455 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion:119 Resp: 61990
Ion Ratio Lower Upper
119 100
91 68.0 31.5 94.5
134 25.9 12.4 37.4

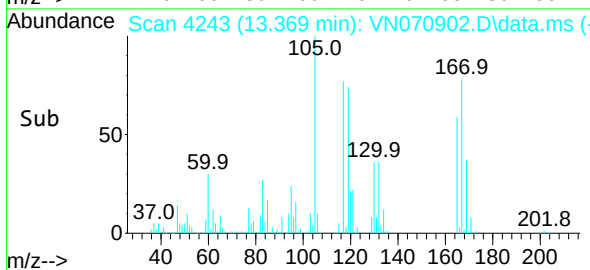
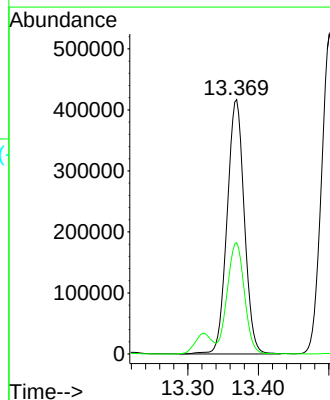
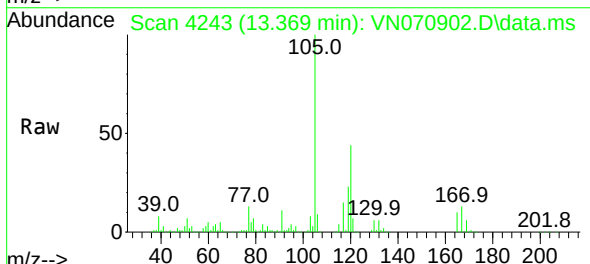
Manual Integrations
APPROVED

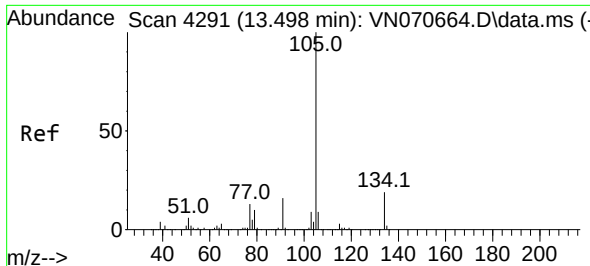
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.742 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:105 Resp: 704818
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





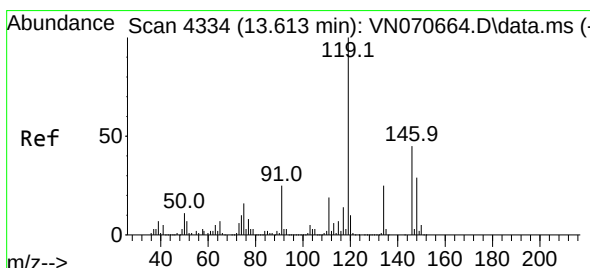
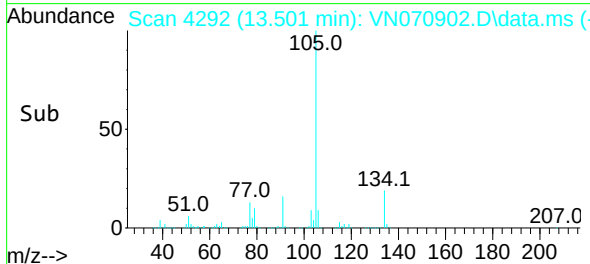
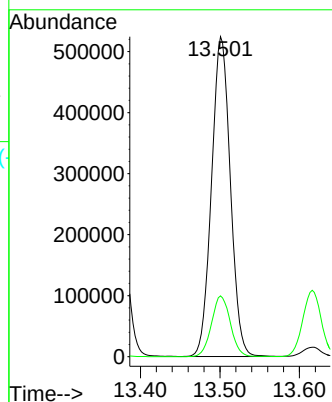
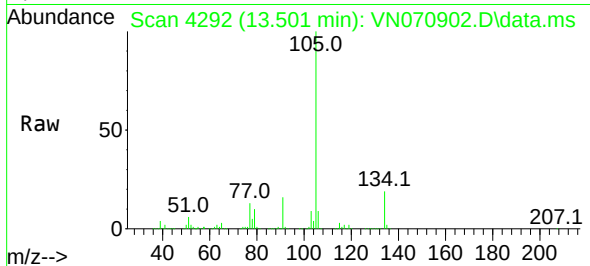
#85
 sec-Butylbenzene
 Concen: 20.313 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070902.D
 Acq: 2 Feb 2022 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Tgt Ion:105 Resp: 861274
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

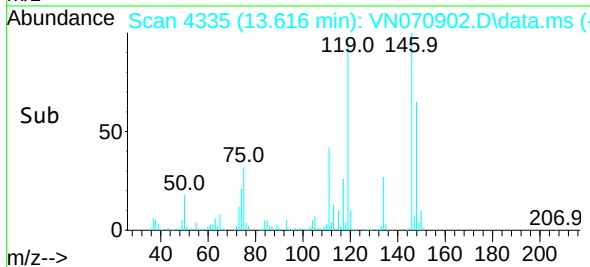
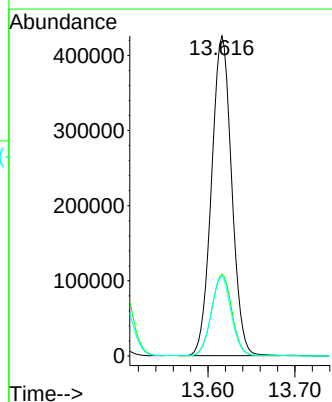
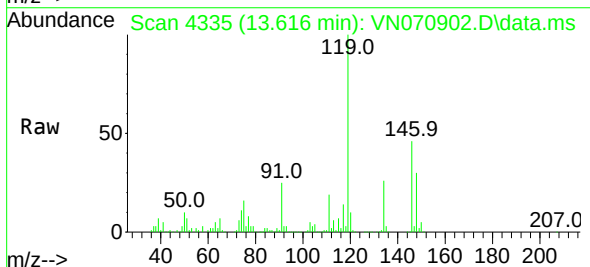
Manual Integrations
 APPROVED

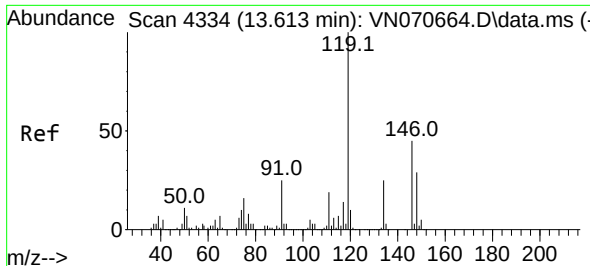
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#86
 p-Isopropyltoluene
 Concen: 20.467 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070902.D
 Acq: 2 Feb 2022 19:25

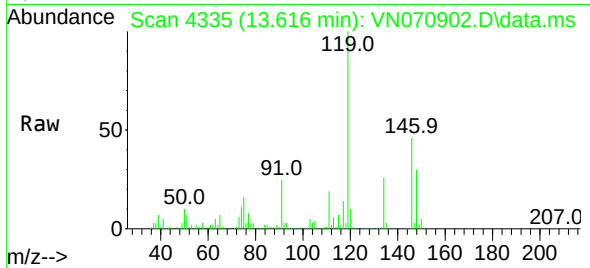
Tgt Ion:119 Resp: 684315
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.016 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

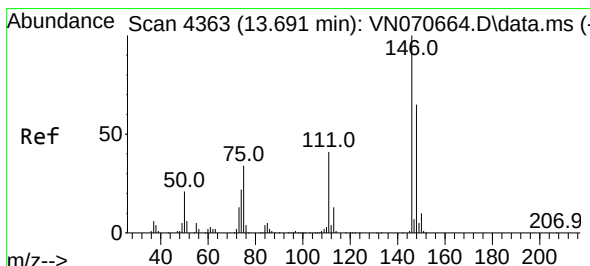
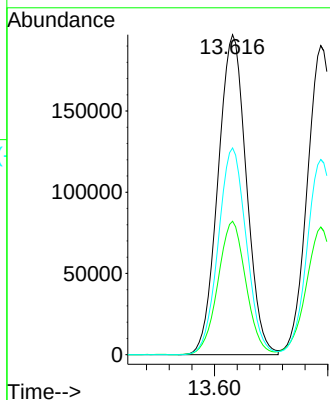
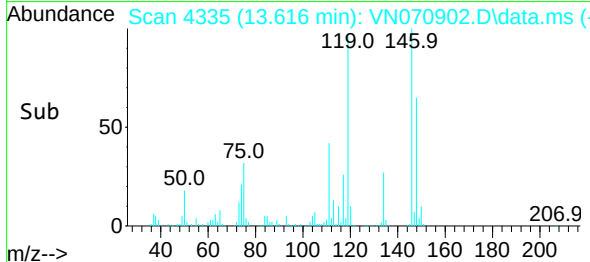
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



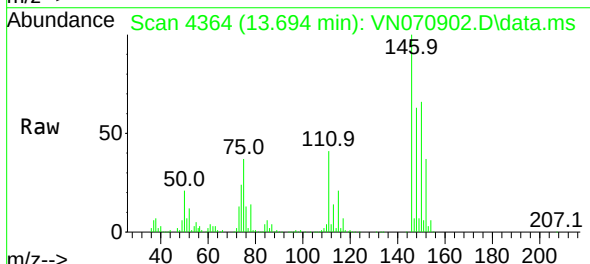
Tgt Ion:146 Resp: 34215
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
APPROVED

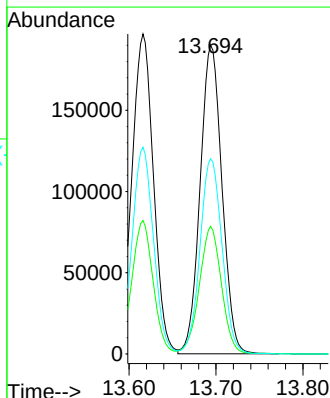
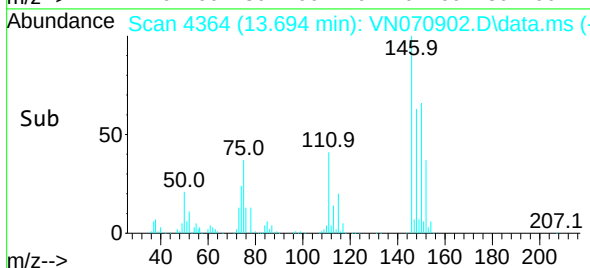
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

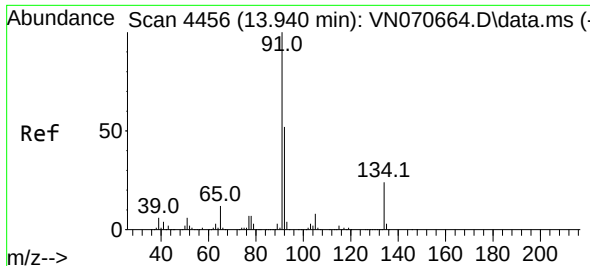


#88
1,4-Dichlorobenzene
Concen: 19.418 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25



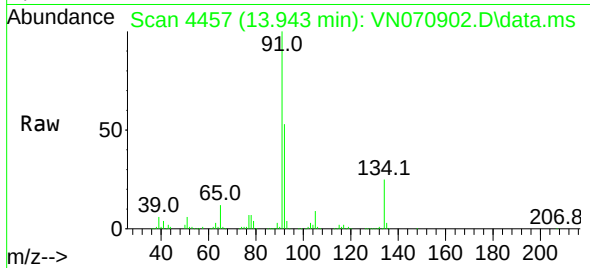
Tgt Ion:146 Resp: 332021
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 18.982 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.002 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

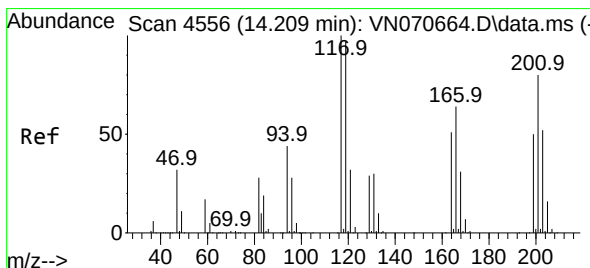
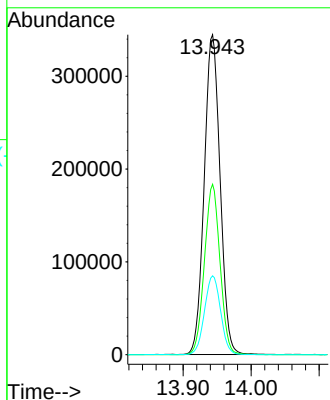
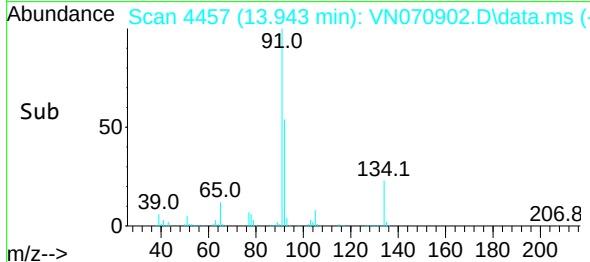
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 91 Resp: 55931
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 25.1 13.6 40.8

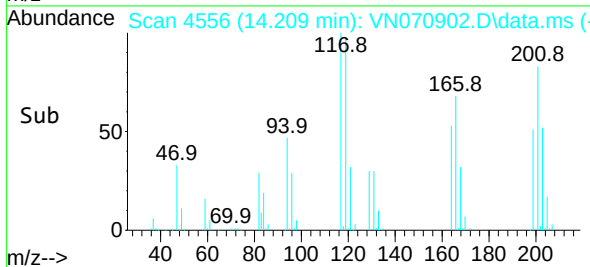
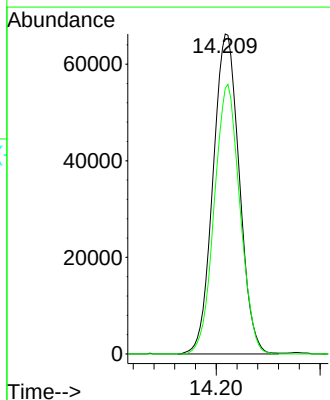
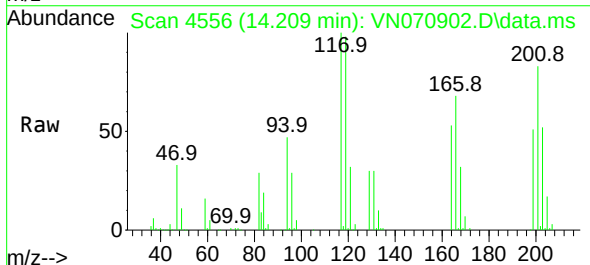
Manual Integrations
APPROVED

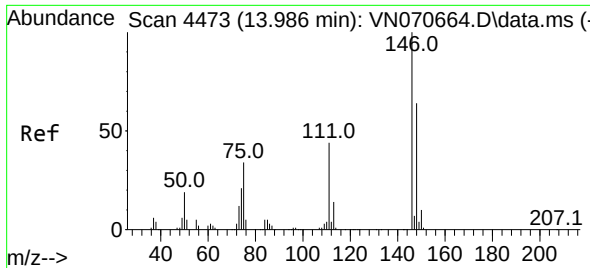
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 19.630 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

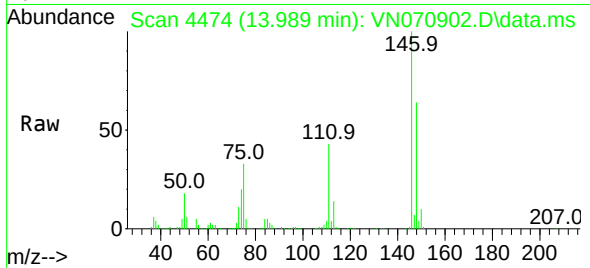
Tgt Ion:117 Resp: 116320
Ion Ratio Lower Upper
117 100
201 82.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.993 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

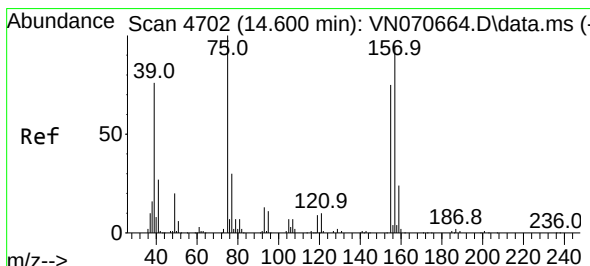
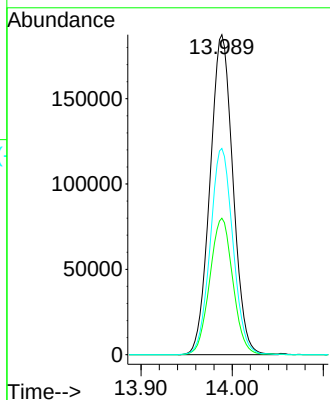
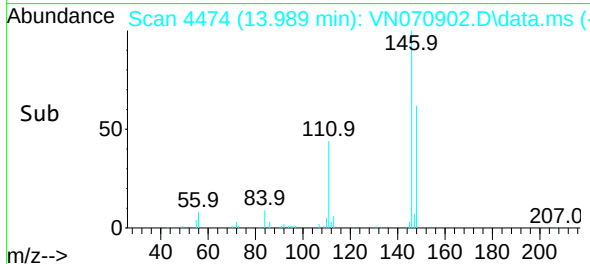
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion:146 Resp: 32786
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 63.9 32.1 96.3

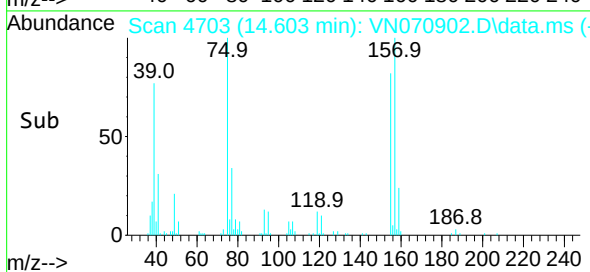
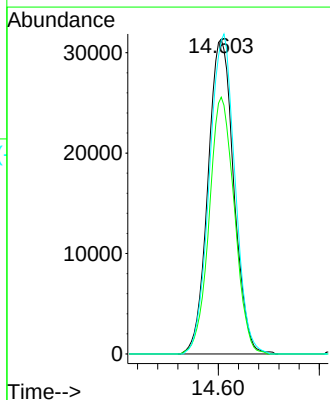
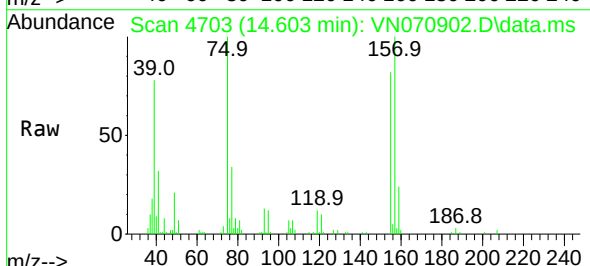
Manual Integrations
APPROVED

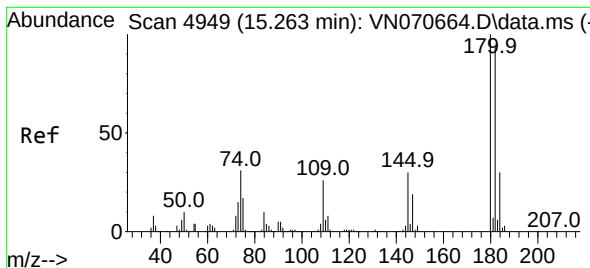
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.691 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion: 75 Resp: 55670
Ion Ratio Lower Upper
75 100
155 79.5 46.9 140.7
157 100.4 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.441 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070902.D

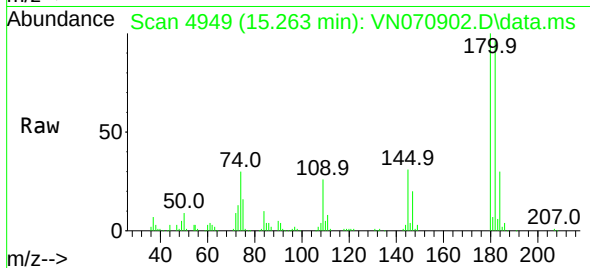
Acq: 2 Feb 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01



Tgt Ion:180 Resp: 167349

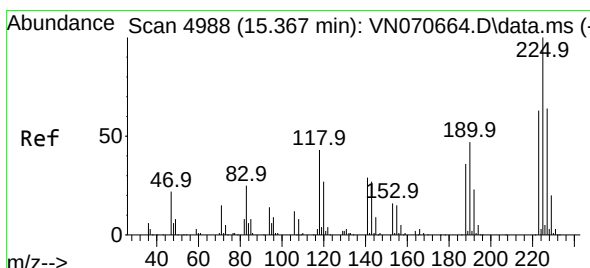
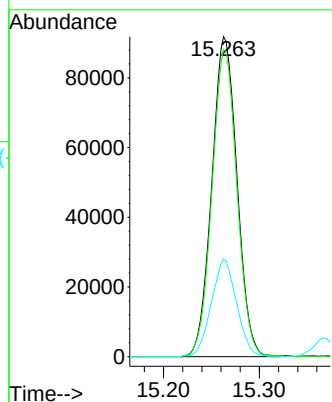
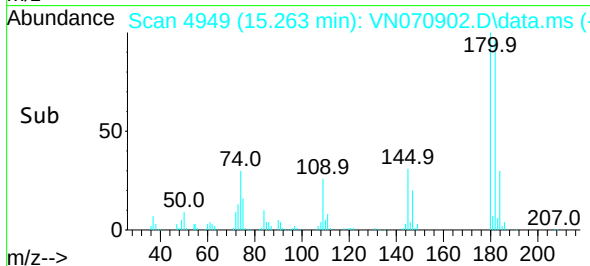
Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.3	144.9
145	30.6	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#94

Hexachlorobutadiene

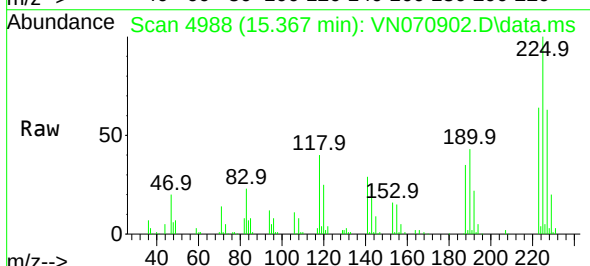
Concen: 19.911 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

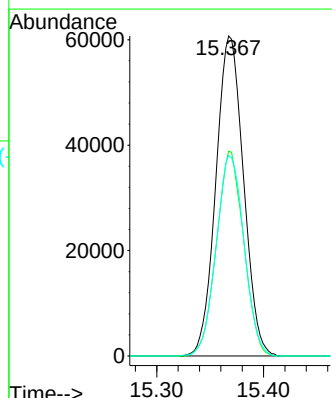
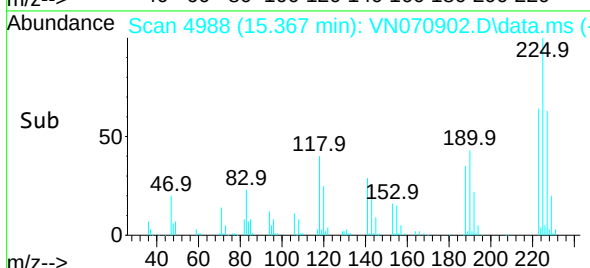
Lab File: VN070902.D

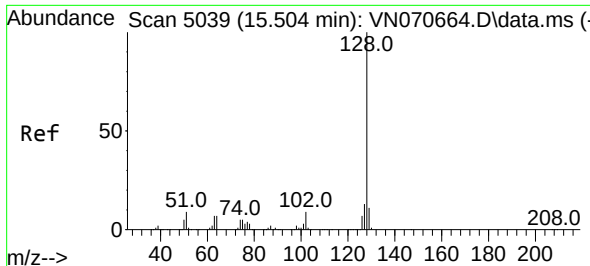
Acq: 2 Feb 2022 19:25



Tgt Ion:225 Resp: 109049

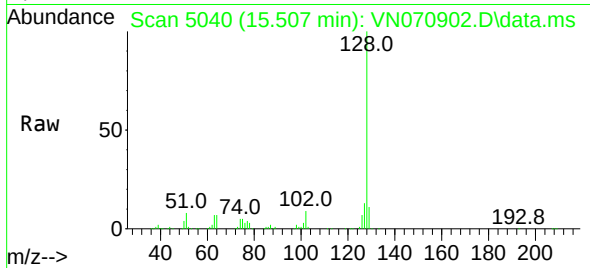
Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	63.4	32.1	96.3





#95
Naphthalene
Concen: 20.805 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

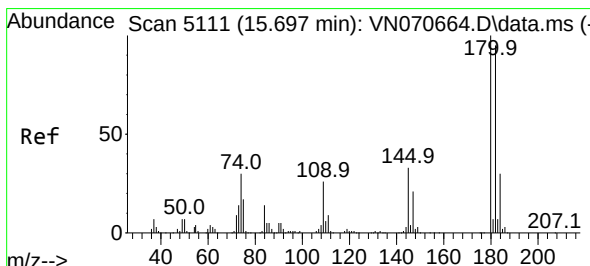
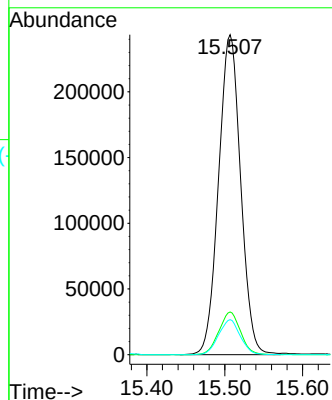
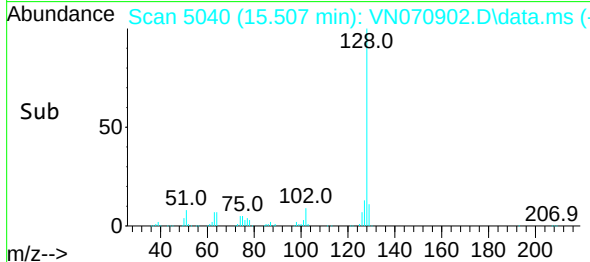
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion:128 Resp: 478612
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.303 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070902.D
Acq: 2 Feb 2022 19:25

Tgt Ion:180 Resp: 166669
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 31.7 15.0 45.1

