

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070892.D
 Acq On : 2 Feb 2022 14:11
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 15:10:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:10:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	830682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1363383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1261034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	548858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	549375	46.147	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.300%		
35) Dibromofluoromethane	8.021	113	409725	48.448	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.900%		
50) Toluene-d8	10.441	98	1664191	46.711	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.420%		
62) 4-Bromofluorobenzene	12.731	95	609865	48.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	460089	47.931	ug/l	99
3) Chloromethane	2.301	50	547154	38.996	ug/l	99
4) Vinyl Chloride	2.446	62	486305	36.441	ug/l	100
5) Bromomethane	2.832	94	229390	33.004	ug/l	99
6) Chloroethane	3.009	64	218174	26.198	ug/l	97
7) Trichlorofluoromethane	3.371	101	532304	34.917	ug/l	96
8) Diethyl Ether	3.821	74	309769	46.516	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	406844	44.156	ug/l	97
10) Methyl Iodide	4.417	142	611595	51.475	ug/l	97
11) Tert butyl alcohol	5.382	59	579564	269.839	ug/l	98
12) 1,1-Dichloroethene	4.175	96	419275	45.625	ug/l	94
13) Acrolein	4.039	56	607801	197.314	ug/l	100
14) Allyl chloride	4.838	41	955364	47.714	ug/l	85
15) Acrylonitrile	5.551	53	1647702	241.152	ug/l	99
16) Acetone	4.285	43	1653427	200.102	ug/l	98
17) Carbon Disulfide	4.524	76	1255523	50.305	ug/l	99
18) Methyl Acetate	4.854	43	760326	46.789	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	1612319	49.113	ug/l	95
20) Methylene Chloride	5.090	84	494840	45.464	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	444344	48.043	ug/l	87
22) Diisopropyl ether	6.495	45	1830766	46.130	ug/l	92
23) Vinyl Acetate	6.434	43	8320107	247.311	ug/l	95
24) 1,1-Dichloroethane	6.385	63	917132	46.198	ug/l	99
25) 2-Butanone	7.335	43	2423278	233.062	ug/l	93
26) 2,2-Dichloropropane	7.321	77	723011	47.502	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	519770	47.308	ug/l	88
28) Bromochloromethane	7.657	49	405895	45.539	ug/l #	79
29) Tetrahydrofuran	7.686	42	1562948	245.495	ug/l	89
30) Chloroform	7.818	83	860643	38.613	ug/l	99
31) Cyclohexane	8.094	56	909696	43.394	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	740685	48.068	ug/l	97
36) 1,1-Dichloropropene	8.220	75	660708	46.407	ug/l	97
37) Ethyl Acetate	7.413	43	922588	48.810	ug/l	98
38) Carbon Tetrachloride	8.206	117	614380	48.507	ug/l	98
39) Methylcyclohexane	9.459	83	843350	47.982	ug/l	90
40) Benzene	8.459	78	2046582	46.392	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	464338	48.286	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	708556	46.321	ug/l	100
43) Isopropyl Acetate	8.560	43	1450394	50.238	ug/l	96
44) Trichloroethene	9.215	130	473526	47.348	ug/l	91
45) 1,2-Dichloropropane	9.488	63	558226	46.508	ug/l	99
46) Dibromomethane	9.577	93	337136	48.306	ug/l	96
47) Bromodichloromethane	9.762	83	684806	48.002	ug/l	99
48) Methyl methacrylate	9.558	41	707168	51.416	ug/l #	79
49) 1,4-Dioxane	9.569	88	224391	1086.130	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	4618324	250.694	ug/l	99
52) Toluene	10.505	92	1267072	48.016	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	778927	50.889	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	851928	49.794	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	488391	47.112	ug/l	98
56) Ethyl methacrylate	10.760	69	891708	51.167	ug/l	89
57) 1,3-Dichloropropane	11.044	76	870413	47.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1025515	249.226	ug/l	91
59) 2-Hexanone	11.084	43	3419409	255.506	ug/l	98
60) Dibromochloromethane	11.237	129	498737	51.578	ug/l	100
61) 1,2-Dibromoethane	11.344	107	510777	49.074	ug/l	100
64) Tetrachloroethene	10.977	164	413421	44.714	ug/l	97
65) Chlorobenzene	11.768	112	1296330	47.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	464766	49.399	ug/l	99
67) Ethyl Benzene	11.843	91	2437495	48.120	ug/l	96
68) m/p-Xylenes	11.953	106	1812199	98.341	ug/l	94
69) o-Xylene	12.280	106	899997	49.214	ug/l	93
70) Styrene	12.294	104	1483826	50.719	ug/l	96
71) Bromoform	12.457	173	396732	55.824	ug/l #	100
73) Isopropylbenzene	12.578	105	2340343	45.072	ug/l	98
74) N-amyl acetate	12.388	43	1081041	50.920	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	788284	44.952	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	651842m	44.778	ug/l	
77) Bromobenzene	12.860	156	549331	47.185	ug/l	79
78) n-propylbenzene	12.919	91	2713430	46.727	ug/l	96
79) 2-Chlorotoluene	13.007	91	1645141	44.786	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1921913	45.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	250291	51.223	ug/l	91
82) 4-Chlorotoluene	13.104	91	1606410	46.805	ug/l	92
83) tert-Butylbenzene	13.321	119	1671376	45.726	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	1896160	46.978	ug/l	97
85) sec-Butylbenzene	13.501	105	2367941	47.652	ug/l	97
86) p-Isopropyltoluene	13.613	119	1893205	48.499	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	933983	48.227	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	904804	46.947	ug/l	97
89) n-Butylbenzene	13.941	91	1616071	50.183	ug/l	97
90) Hexachloroethane	14.209	117	332423	48.717	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	882172	46.105	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	147066	49.440	ug/l	86
93) 1,2,4-Trichlorobenzene	15.263	180	481765	56.692	ug/l	99
94) Hexachlorobutadiene	15.367	225	295685	52.178	ug/l	99
95) Naphthalene	15.504	128	1339227	60.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	471368	58.190	ug/l	99

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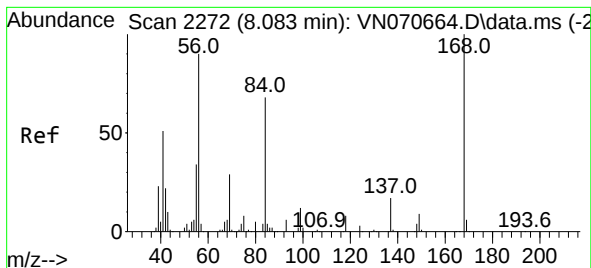
Manual Integrations
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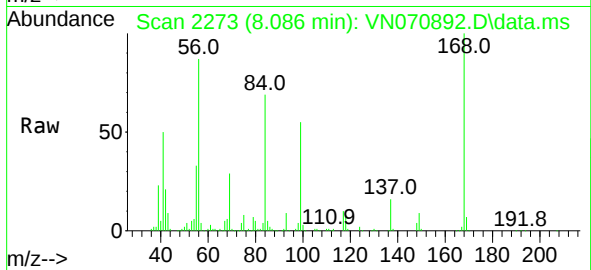
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
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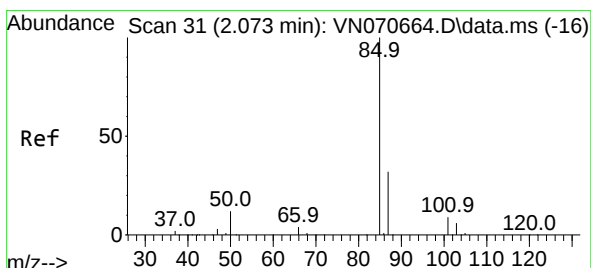
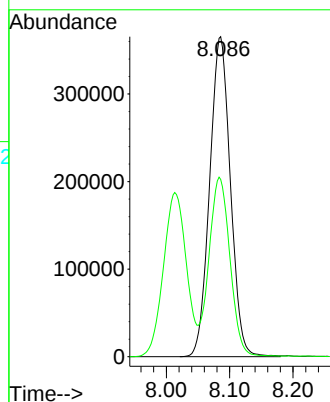
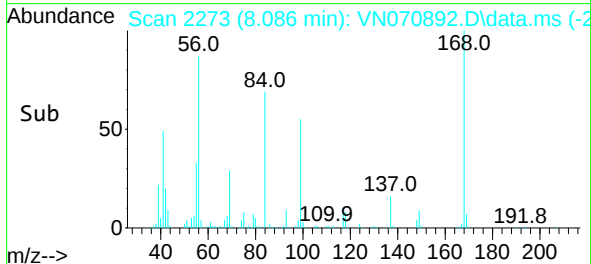
Instrument :
MSVOA_N
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VSTDICCC050



Tgt Ion:168 Resp: 83068
Ion Ratio Lower Upper
168 100
99 55.2 41.3 61.9

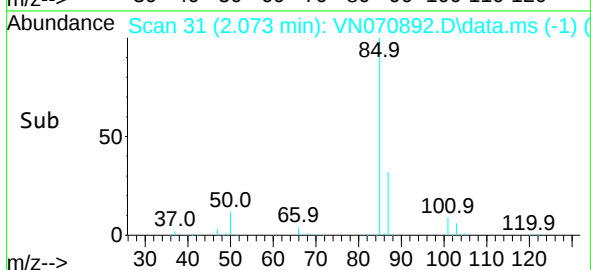
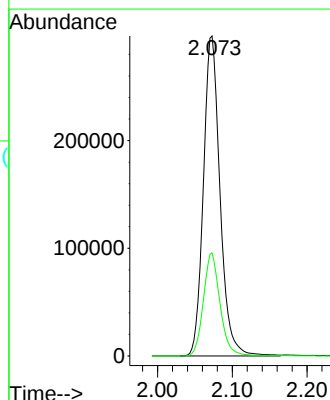
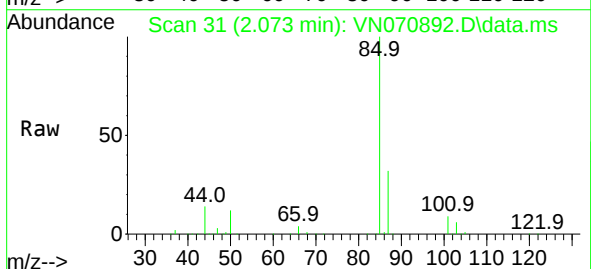
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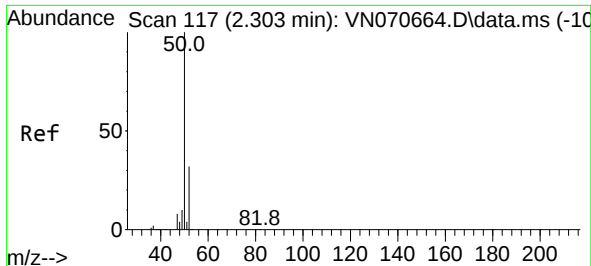
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#2
Dichlorodifluoromethane
Concen: 47.931 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion: 85 Resp: 460089
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3

Chloromethane

Concen: 38.996 ug/l

RT: 2.301 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 547154

Ion Ratio Lower Upper

50 100

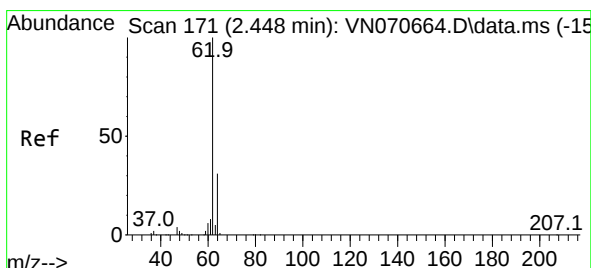
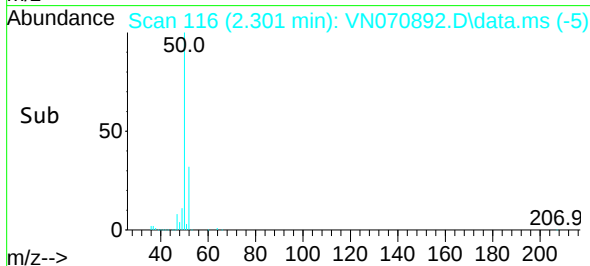
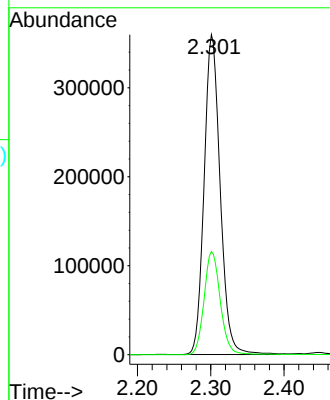
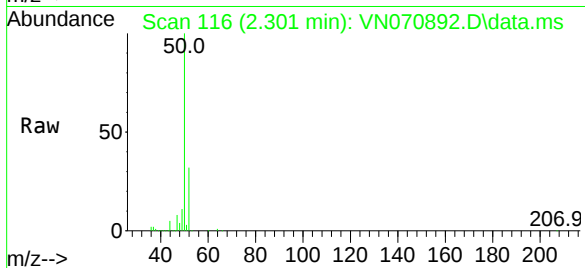
52 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#4

Vinyl Chloride

Concen: 36.441 ug/l

RT: 2.446 min Scan# 170

Delta R.T. -0.002 min

Lab File: VN070892.D

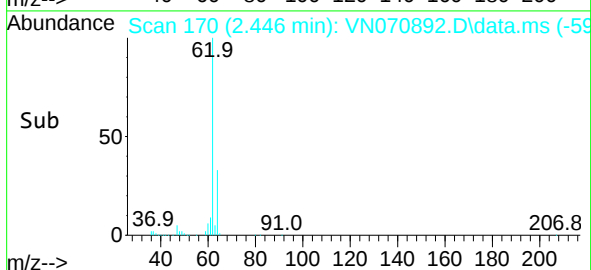
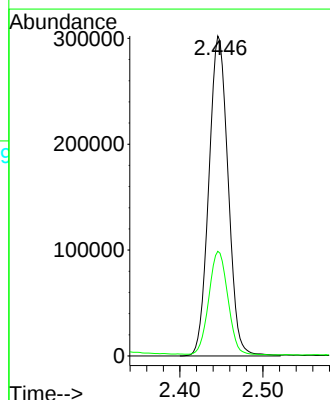
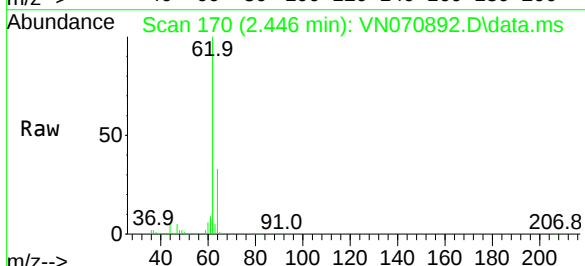
Acq: 2 Feb 2022 14:11

Tgt Ion: 62 Resp: 486305

Ion Ratio Lower Upper

62 100

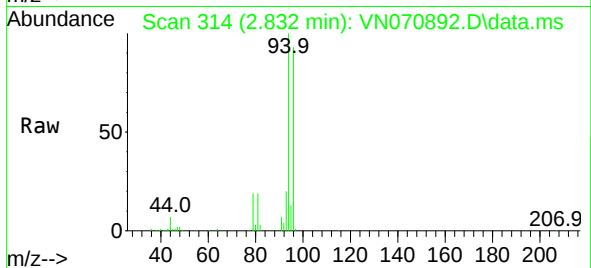
64 32.3 25.8 38.6





#5
Bromomethane
Concen: 33.004 ug/l
RT: 2.832 min Scan# 314
Delta R.T. -0.016 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

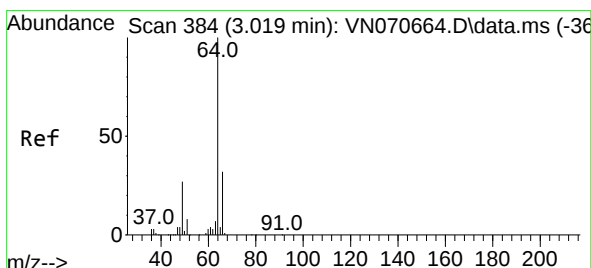
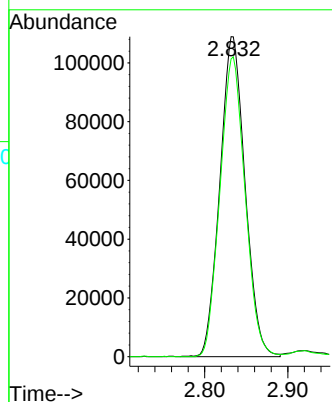
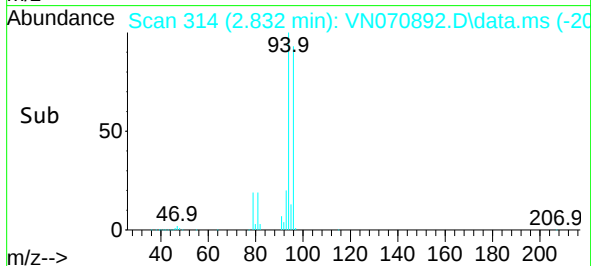
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 229390
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

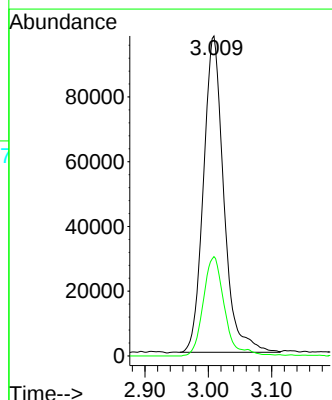
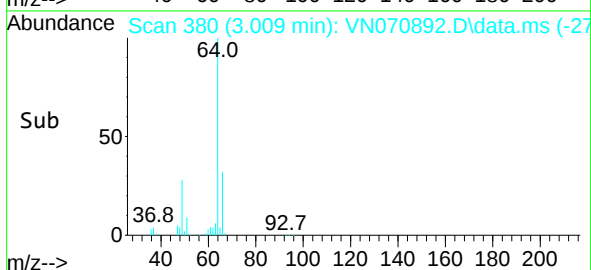
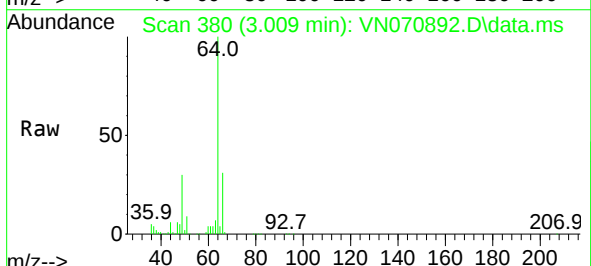
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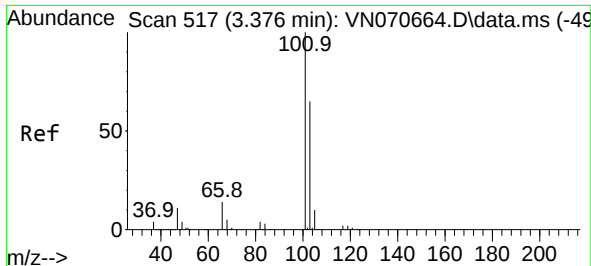
Reviewed By :John Carlone 02/03/2022
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#6
Chloroethane
Concen: 26.198 ug/l
RT: 3.009 min Scan# 380
Delta R.T. -0.010 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion: 64 Resp: 218174
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





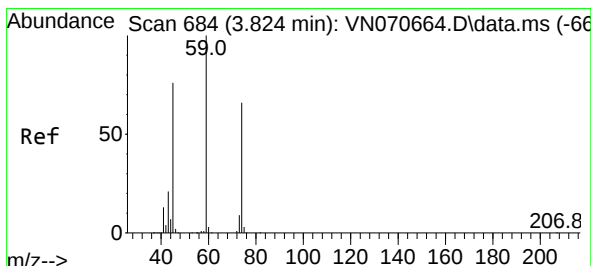
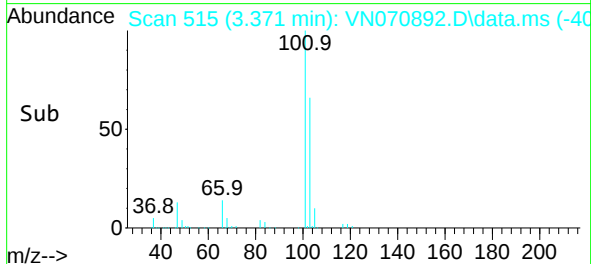
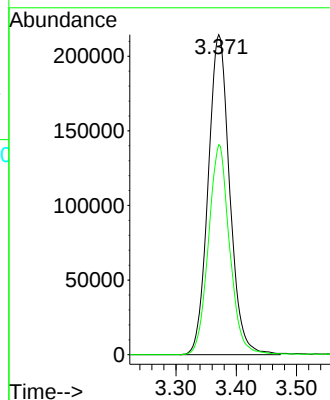
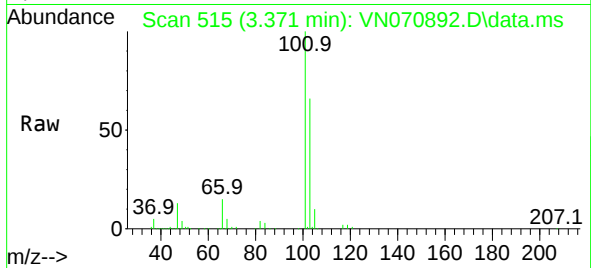
#7
Trichlorofluoromethane
Concen: 34.917 ug/l
RT: 3.371 min Scan# 517
Delta R.T. -0.005 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 532304
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1

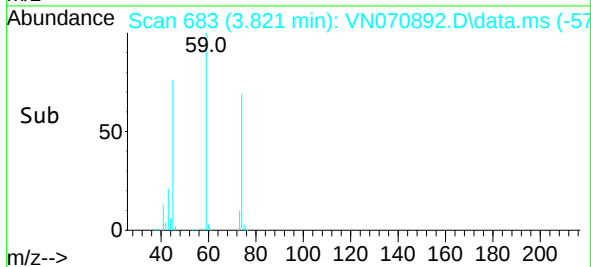
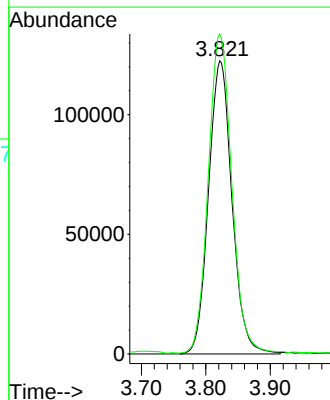
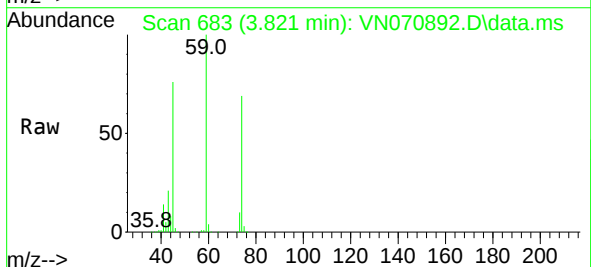
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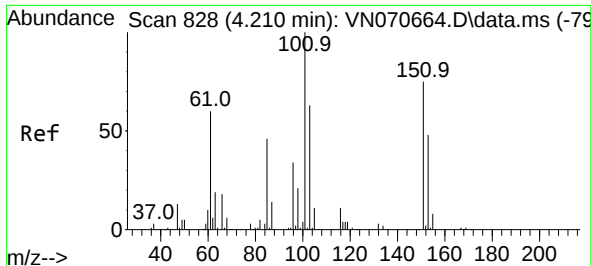
Reviewed By :John Carlone 02/03/2022
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#8
Diethyl Ether
Concen: 46.516 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 309769
Ion Ratio Lower Upper
74 100
45 108.9 47.0 141.2





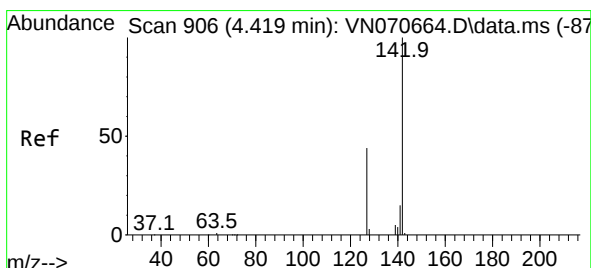
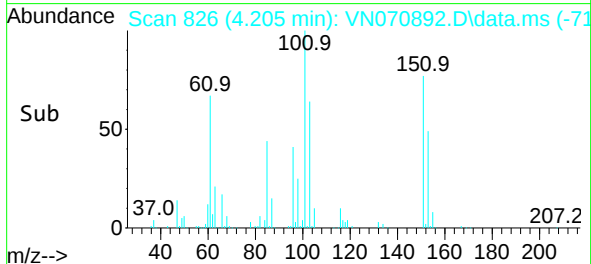
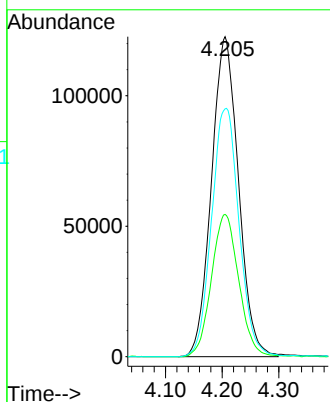
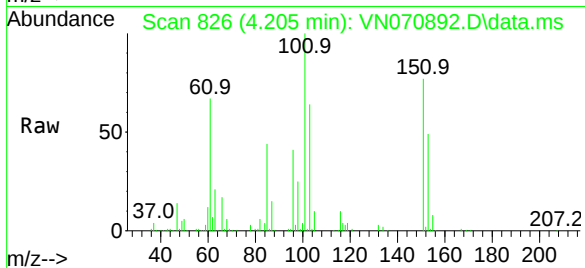
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.156 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 40684
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 79.1 65.9 98.9

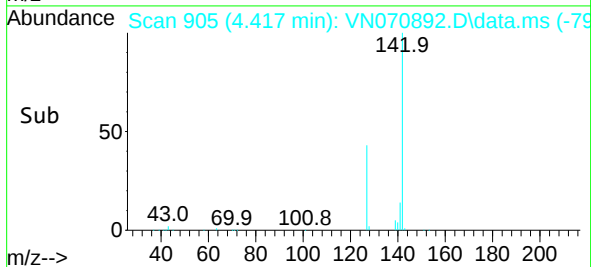
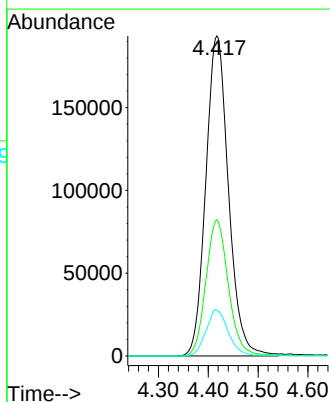
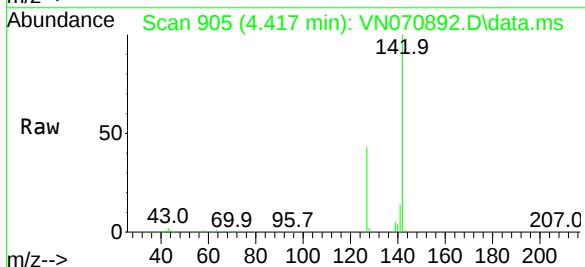
Manual Integrations
APPROVED

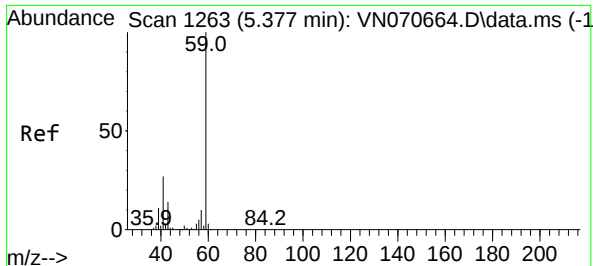
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 51.475 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.002 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

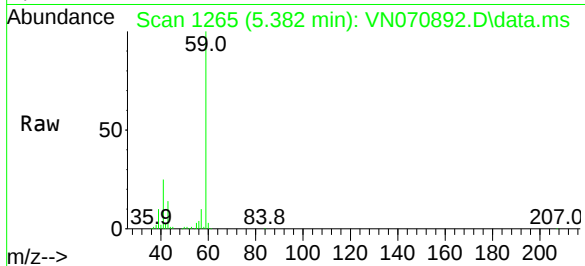
Tgt Ion:142 Resp: 611595
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 269.839 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

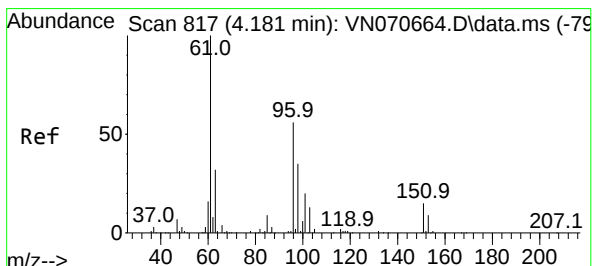
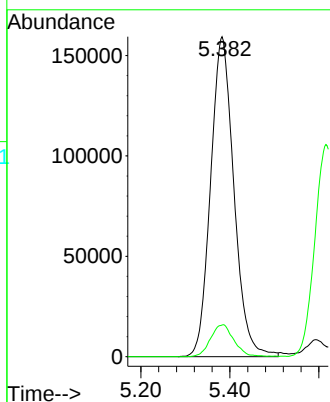
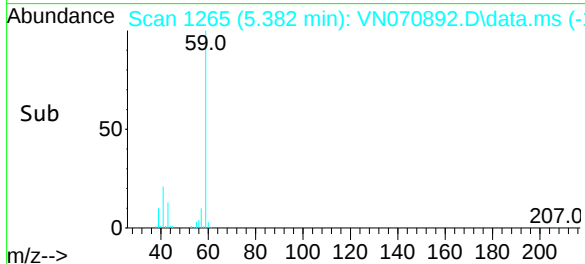
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



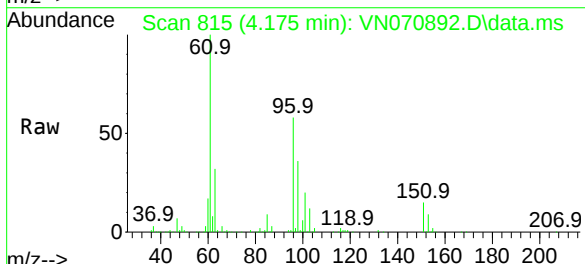
Tgt Ion: 59 Resp: 579564
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
APPROVED

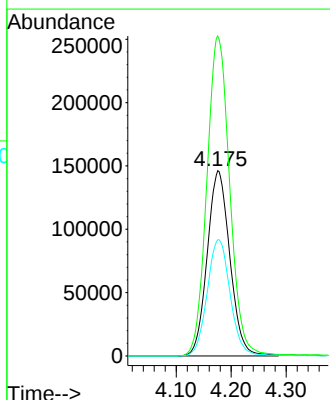
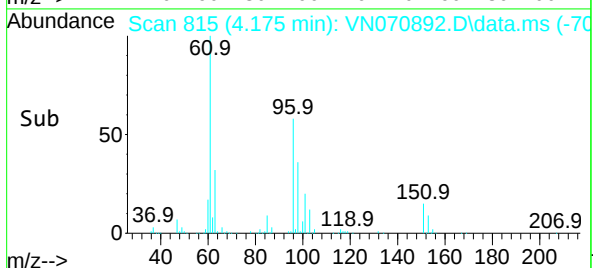
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

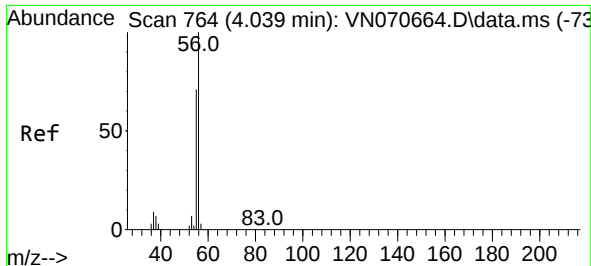


#12
1,1-Dichloroethene
Concen: 45.625 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.006 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



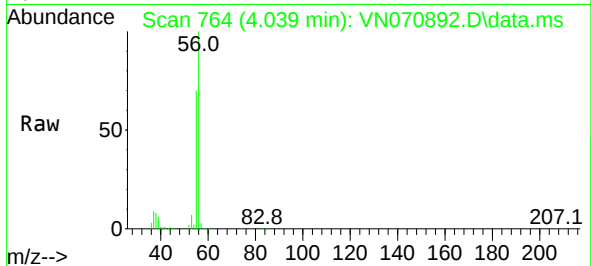
Tgt Ion: 96 Resp: 419275
Ion Ratio Lower Upper
96 100
61 172.7 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 197.314 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

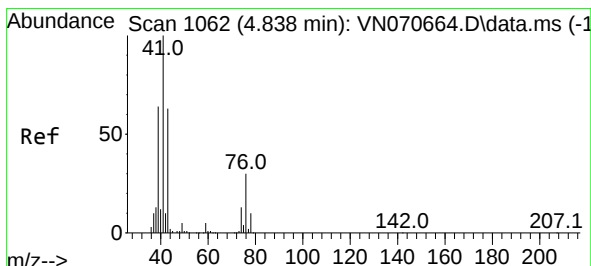
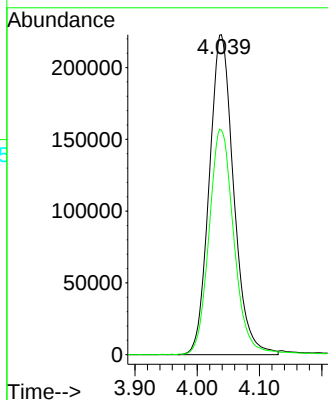
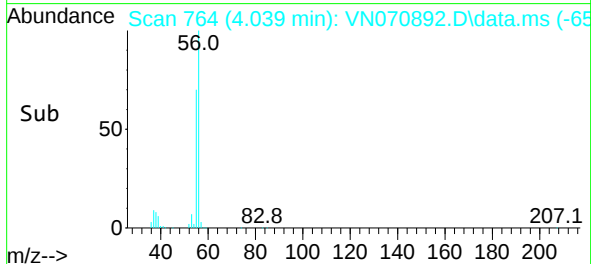
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



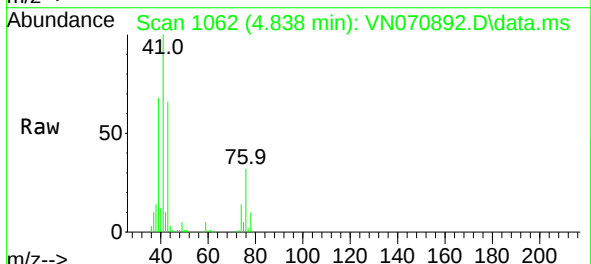
Tgt Ion: 56 Resp: 60780
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

Manual Integrations
APPROVED

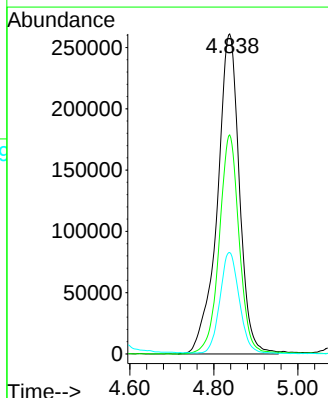
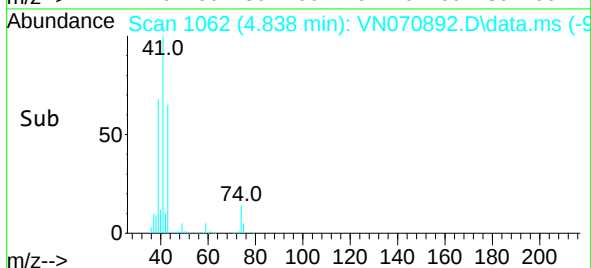
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

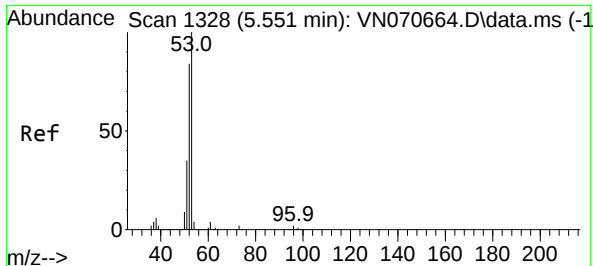


#14
Allyl chloride
Concen: 47.714 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



Tgt Ion: 41 Resp: 955364
Ion Ratio Lower Upper
41 100
39 61.9 61.2 91.8
76 27.5 26.0 39.0





#15

Acrylonitrile

Concen: 241.152 ug/l

RT: 5.551 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 164770

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.2

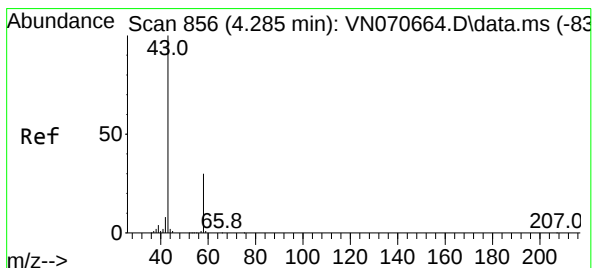
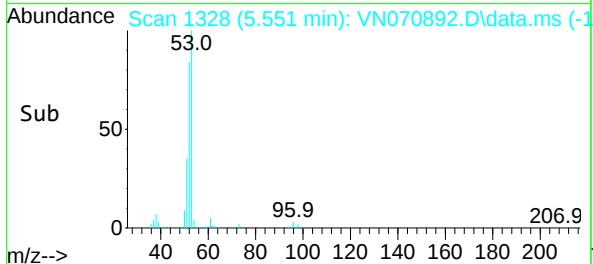
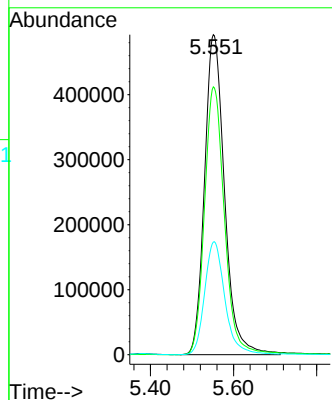
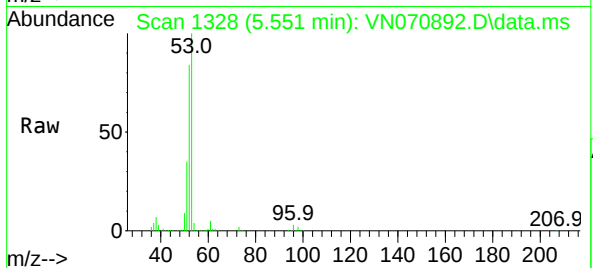
51 35.7 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#16

Acetone

Concen: 200.102 ug/l

RT: 4.285 min Scan# 856

Delta R.T. 0.000 min

Lab File: VN070892.D

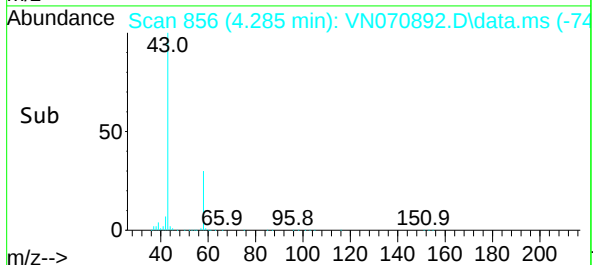
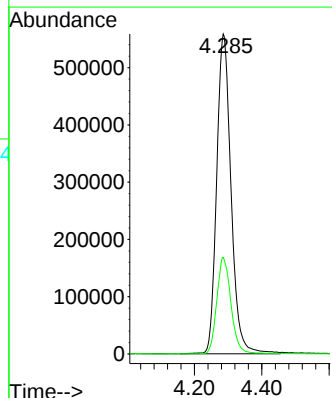
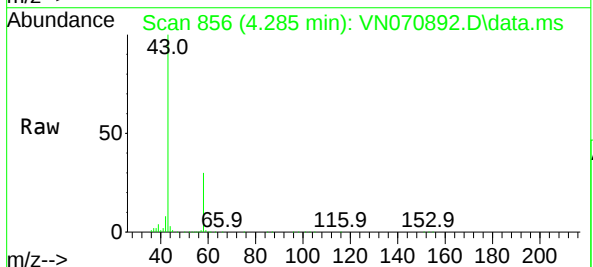
Acq: 2 Feb 2022 14:11

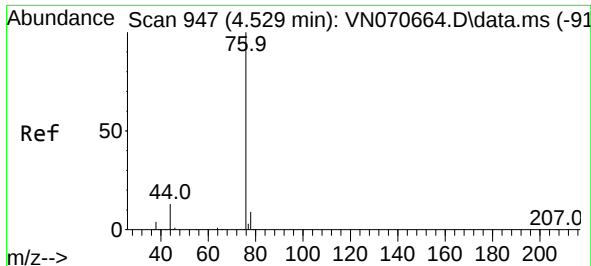
Tgt Ion: 43 Resp: 1653427

Ion Ratio Lower Upper

43 100

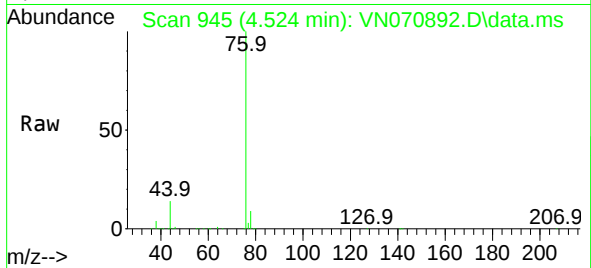
58 30.0 23.1 34.7





#17
Carbon Disulfide
Concen: 50.305 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

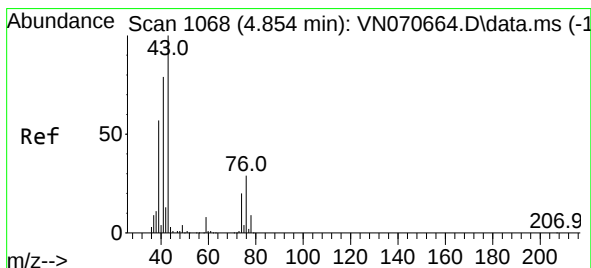
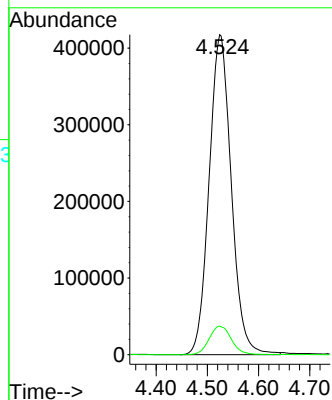
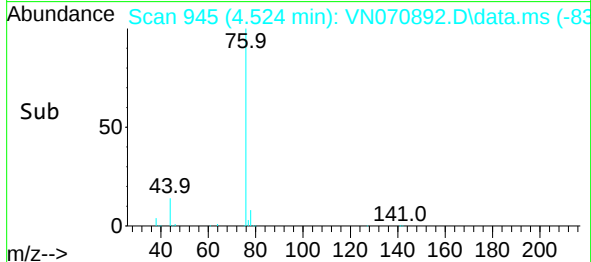
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



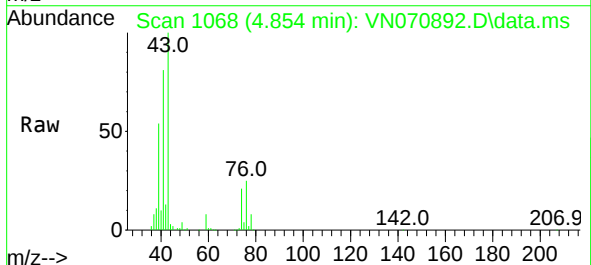
Tgt Ion: 76 Resp: 125552
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

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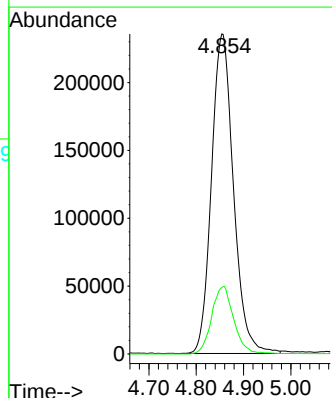
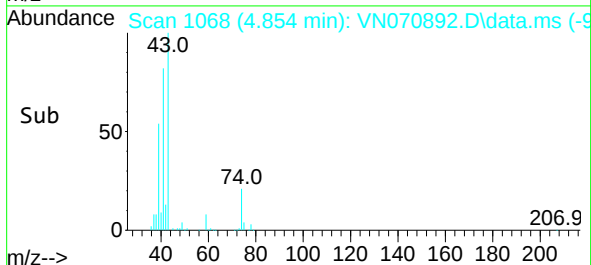
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

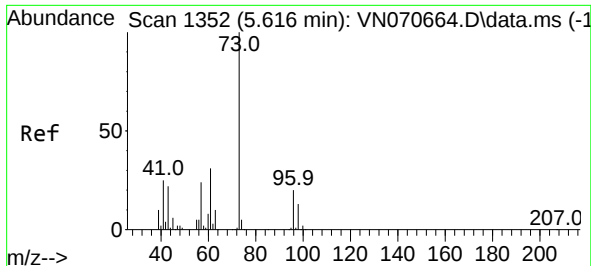


#18
Methyl Acetate
Concen: 46.789 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



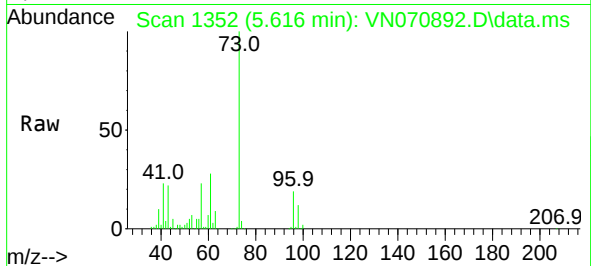
Tgt Ion: 43 Resp: 760326
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.113 ug/l
RT: 5.616 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

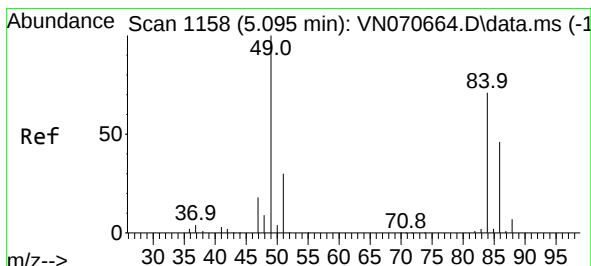
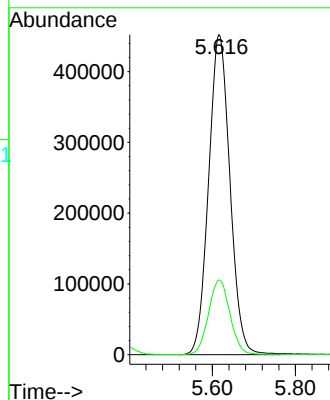
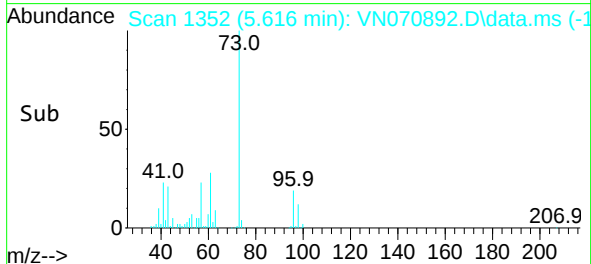
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



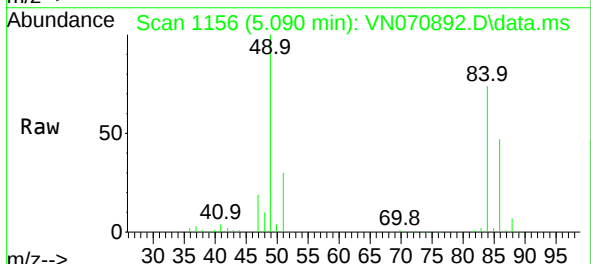
Tgt Ion: 73 Resp: 1612319
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

Manual Integrations
APPROVED

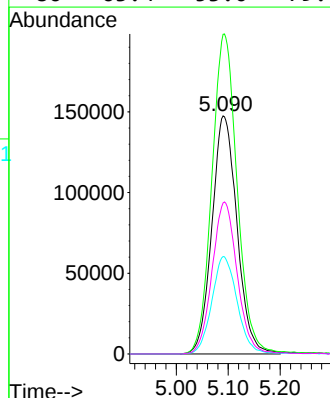
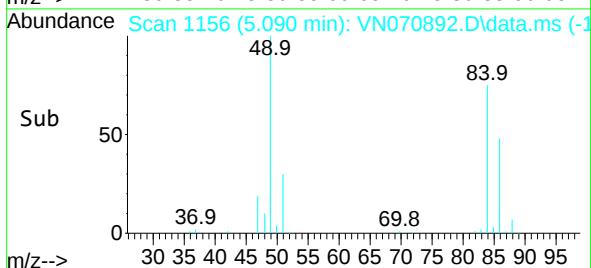
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

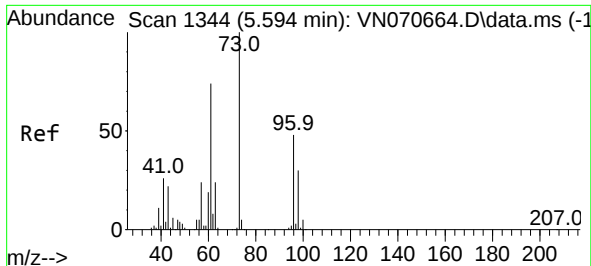


#20
Methylene Chloride
Concen: 45.464 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



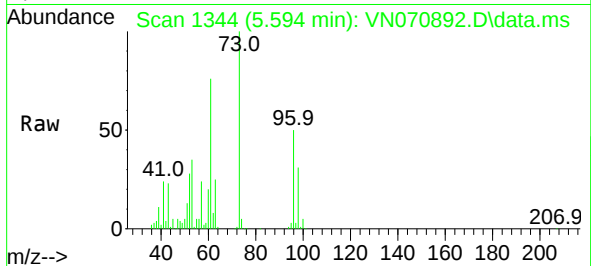
Tgt Ion: 84 Resp: 494840
Ion Ratio Lower Upper
84 100
49 134.2 93.5 140.3
51 40.9 29.4 44.2
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.043 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

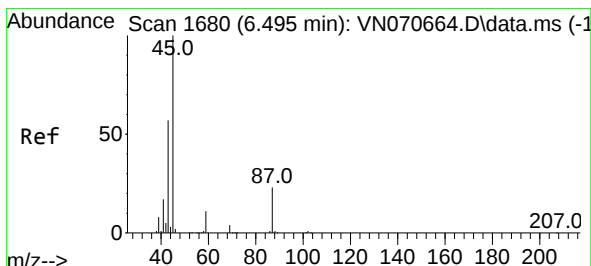
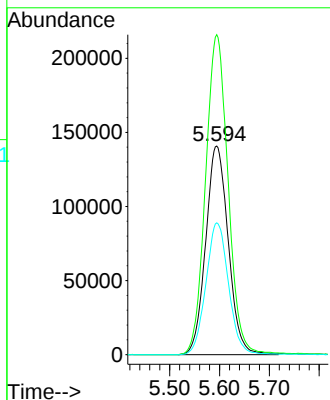
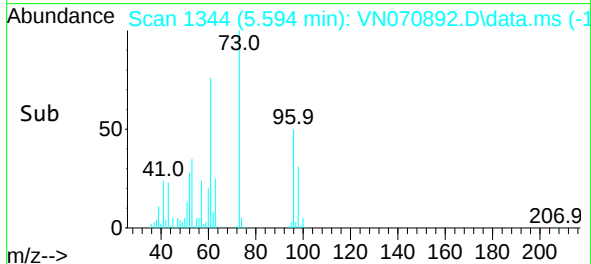
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



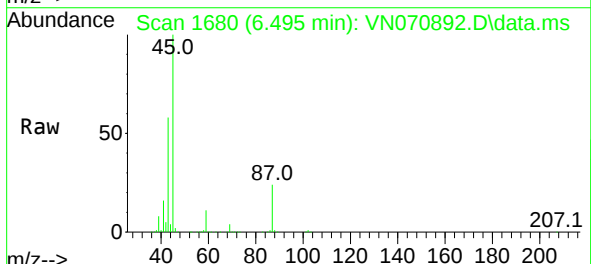
Tgt Ion: 96 Resp: 444344
Ion Ratio Lower Upper
96 100
61 153.4 105.8 158.6
98 63.2 52.0 78.0

Manual Integrations
APPROVED

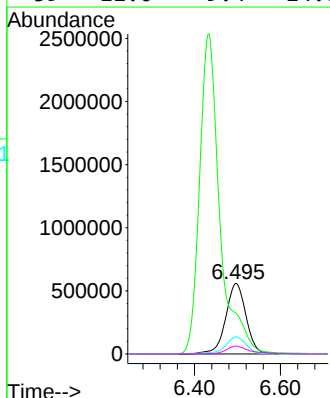
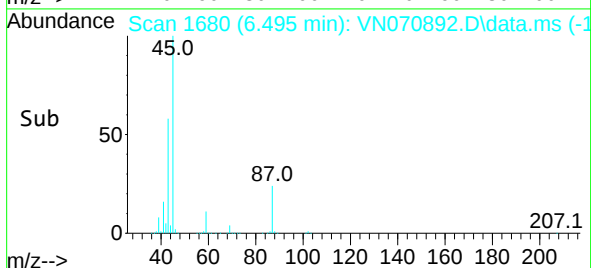
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

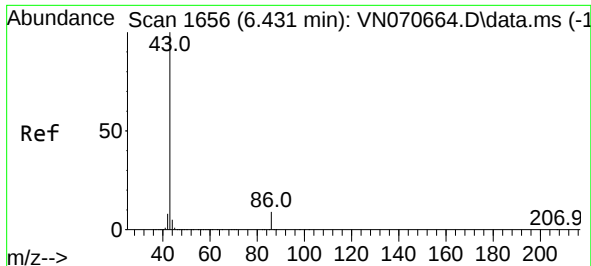


#22
Diisopropyl ether
Concen: 46.130 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



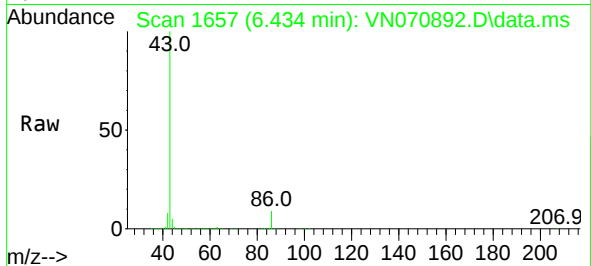
Tgt Ion: 45 Resp: 1830766
Ion Ratio Lower Upper
45 100
43 58.0 51.7 77.5
87 24.0 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 247.311 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.003 min
 Lab File: VN070892.D
 Acq: 2 Feb 2022 14:11

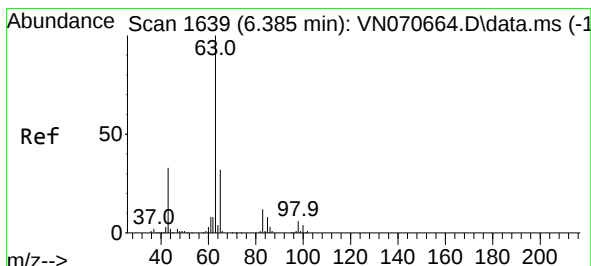
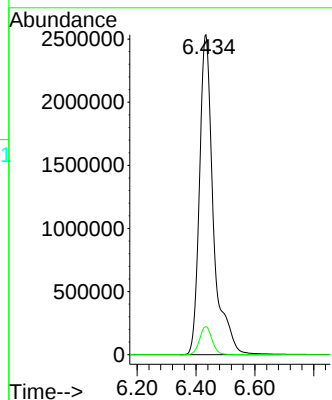
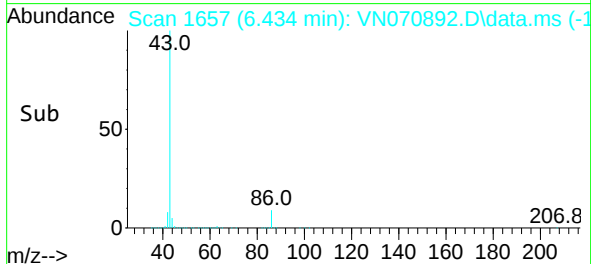
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



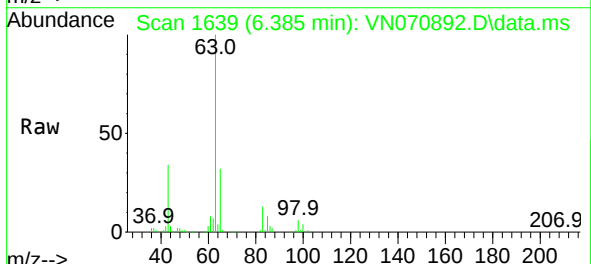
Tgt Ion: 43 Resp: 832010
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

Manual Integrations
 APPROVED

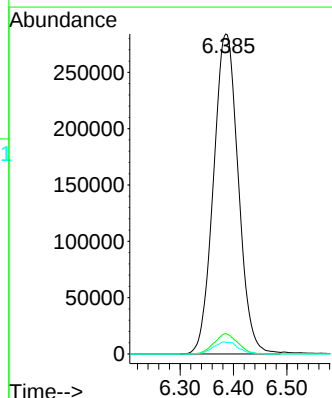
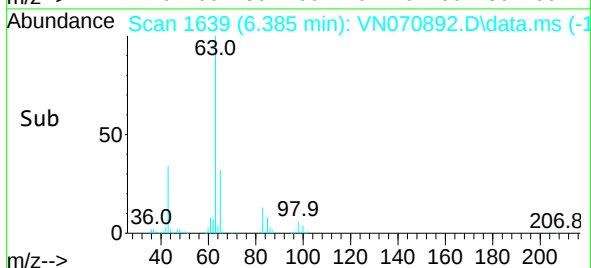
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

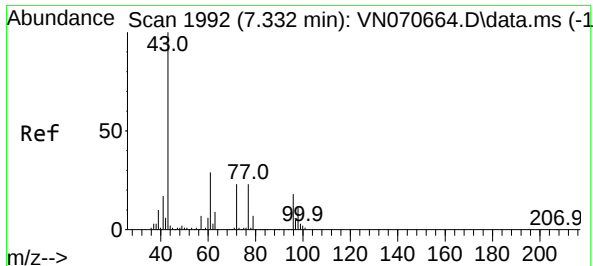


#24
 1,1-Dichloroethane
 Concen: 46.198 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070892.D
 Acq: 2 Feb 2022 14:11



Tgt Ion: 63 Resp: 917132
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 233.062 ug/l

RT: 7.335 min Scan# 1992

Delta R.T. 0.003 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 2423278

Ion Ratio Lower Upper

43 100

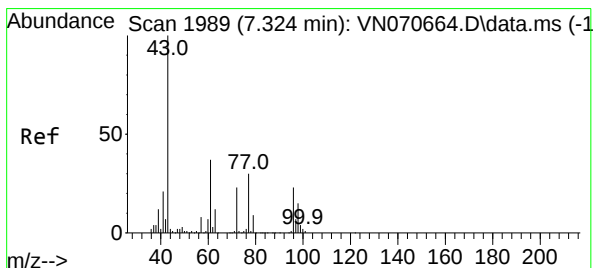
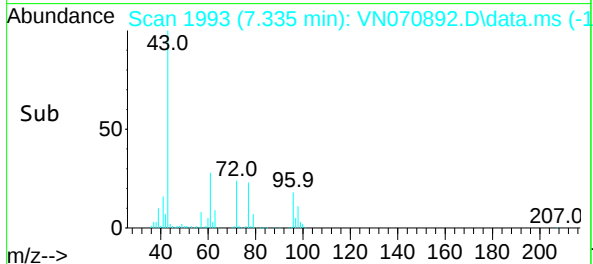
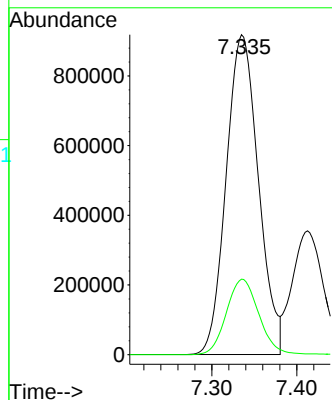
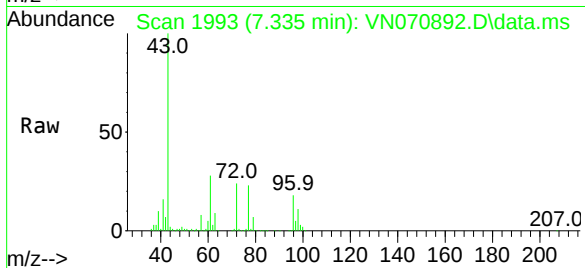
72 23.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 47.502 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.003 min

Lab File: VN070892.D

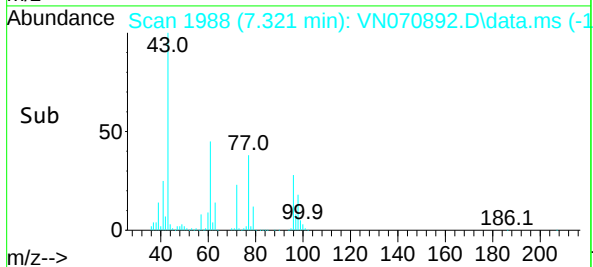
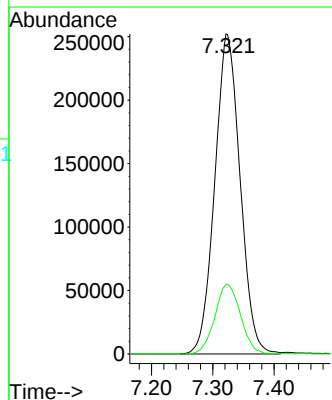
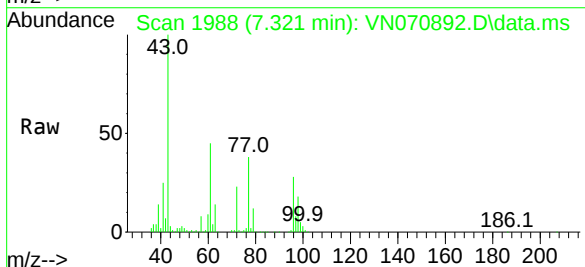
Acq: 2 Feb 2022 14:11

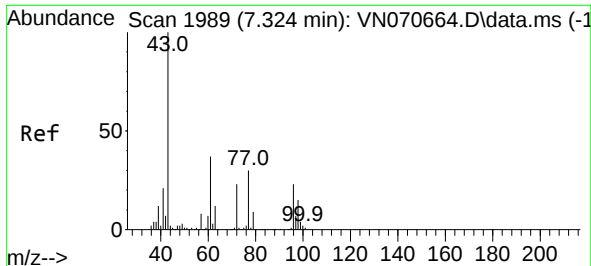
Tgt Ion: 77 Resp: 723011

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.308 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

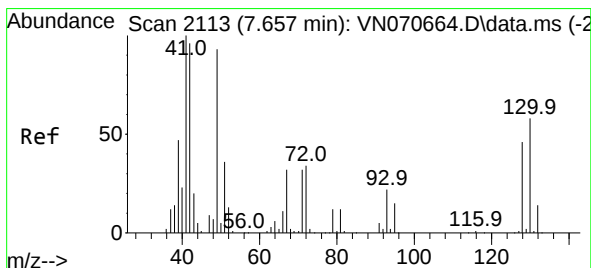
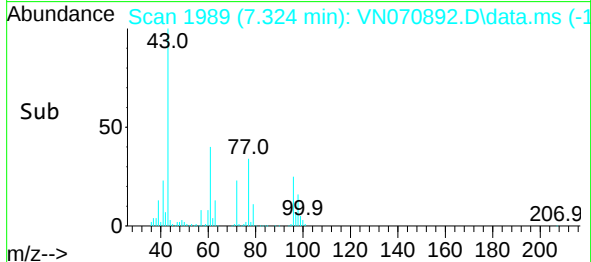
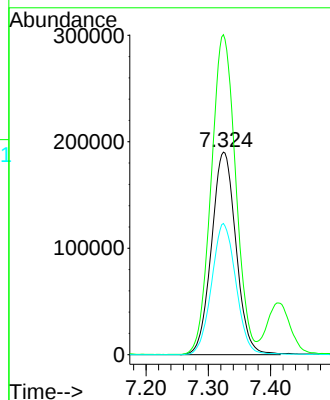
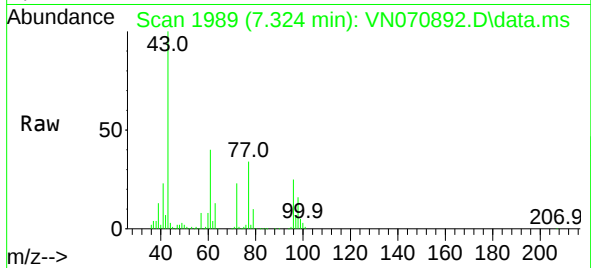
Tgt Ion:	96	Resp:	519770
Ion Ratio	Lower	Upper	
96	100		
61	157.6	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#28

Bromochloromethane

Concen: 45.539 ug/l

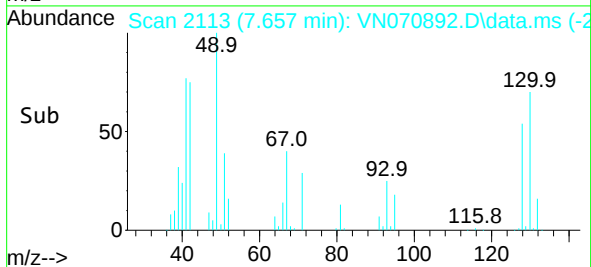
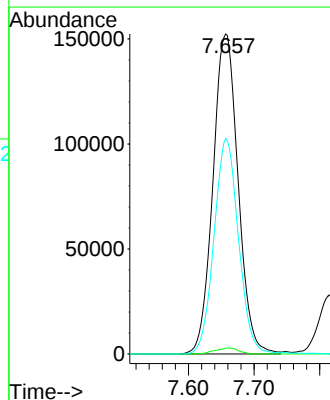
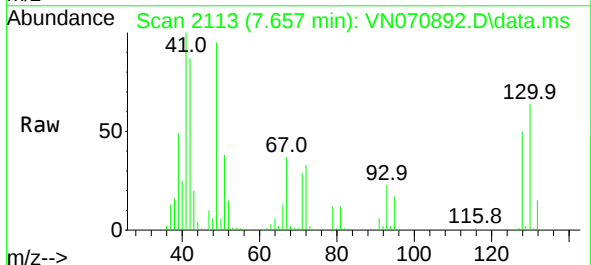
RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Tgt Ion:	49	Resp:	405895
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	65.3	67.8	101.8





#29

Tetrahydrofuran

Concen: 245.495 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 156294

Ion Ratio Lower Upper

42 100

72 38.1 36.3 54.5

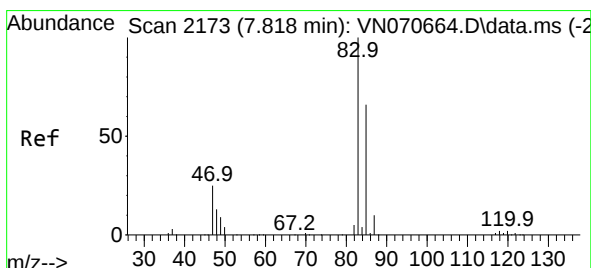
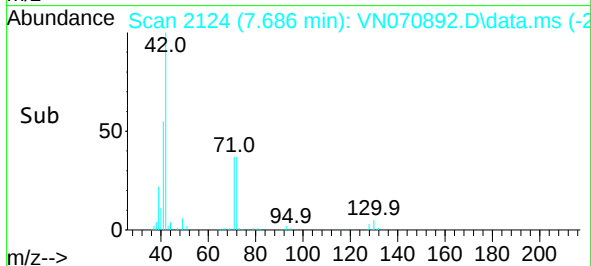
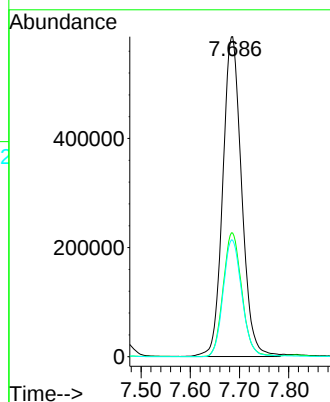
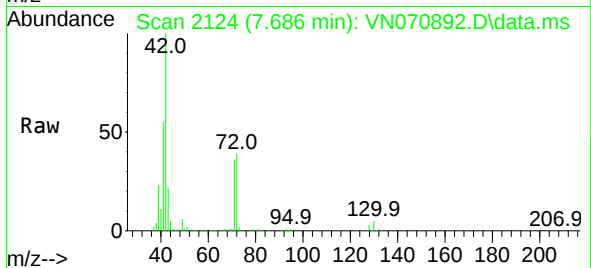
71 36.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 38.613 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070892.D

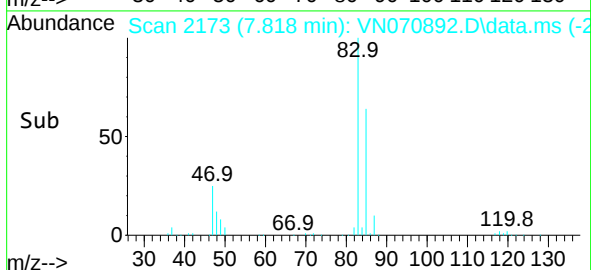
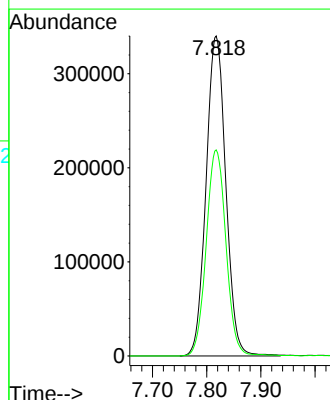
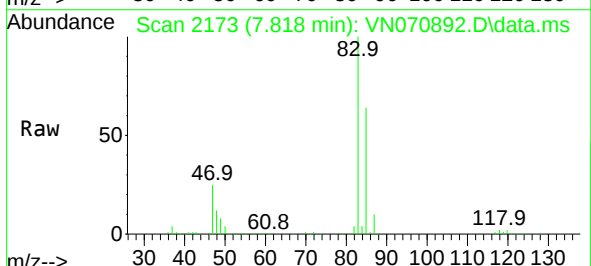
Acq: 2 Feb 2022 14:11

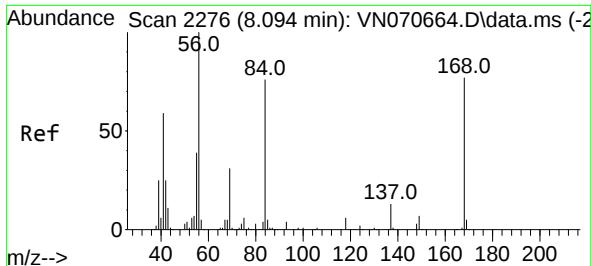
Tgt Ion: 83 Resp: 860643

Ion Ratio Lower Upper

83 100

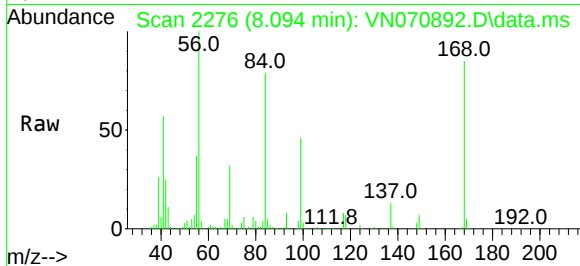
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 43.394 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

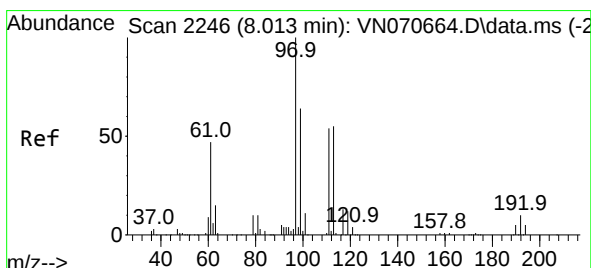
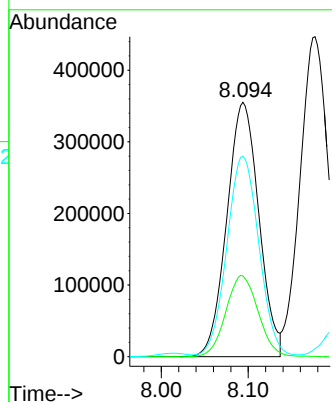
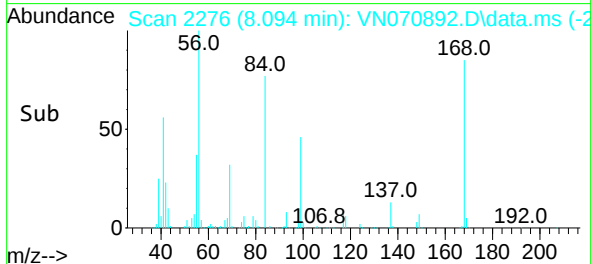
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



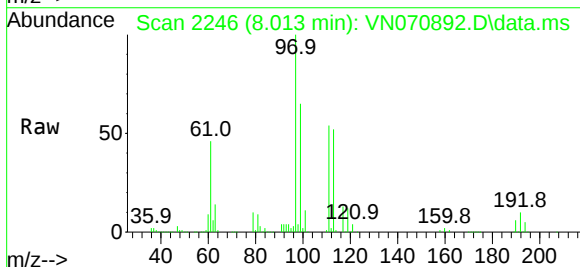
Tgt Ion: 56 Resp: 909690
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 77.6 73.4 110.0

Manual Integrations
APPROVED

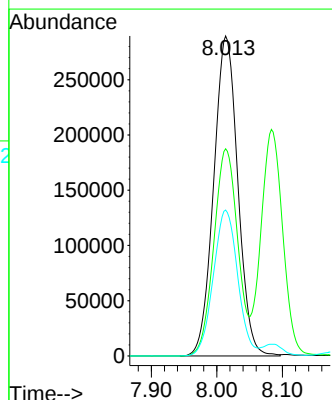
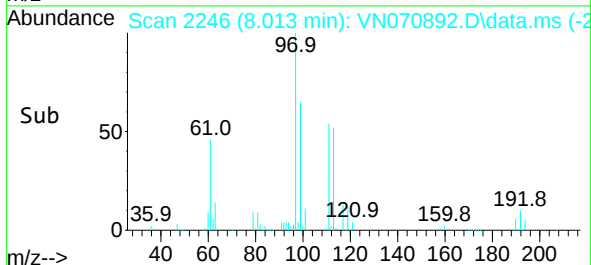
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

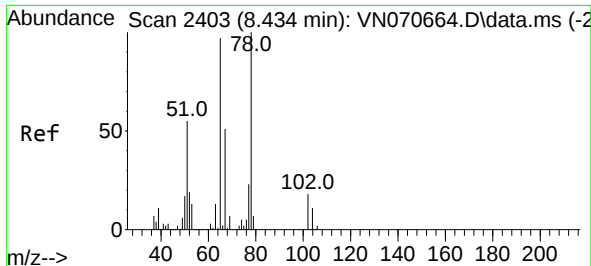


#32
1,1,1-Trichloroethane
Concen: 48.068 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



Tgt Ion: 97 Resp: 740685
Ion Ratio Lower Upper
97 100
99 64.4 50.1 75.1
61 46.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.147 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 549375

Ion Ratio Lower Upper

65 100

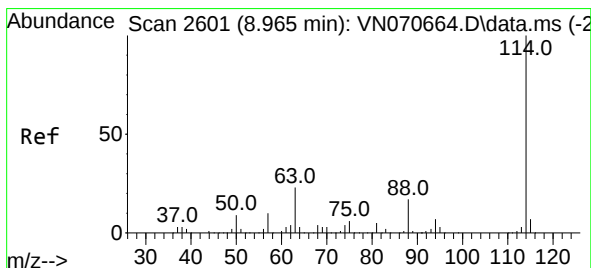
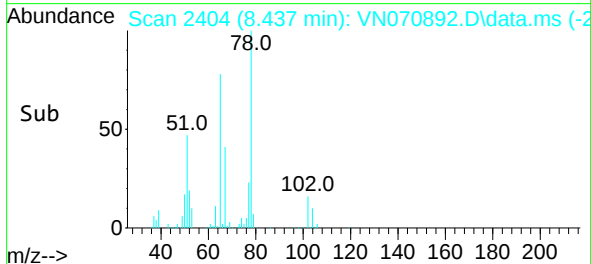
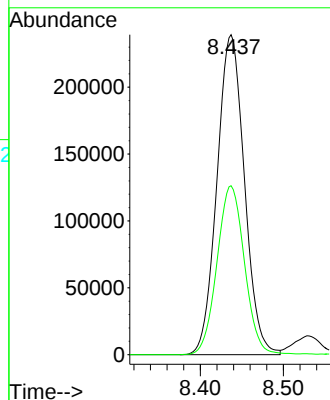
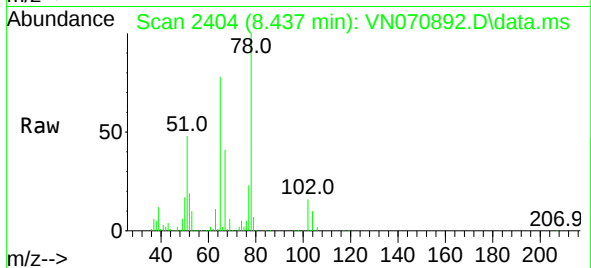
67 52.9 0.0 103.0

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: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

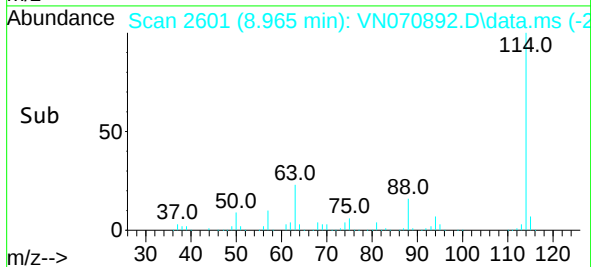
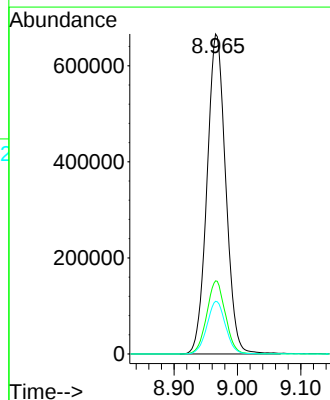
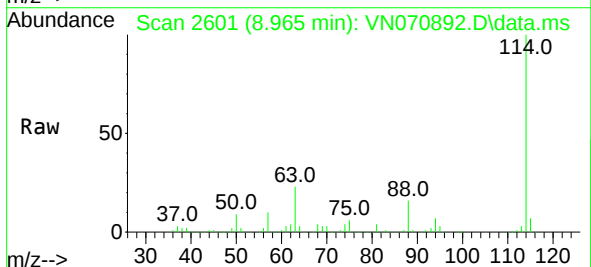
Tgt Ion:114 Resp: 1363383

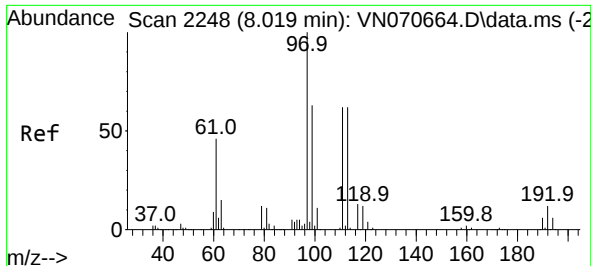
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

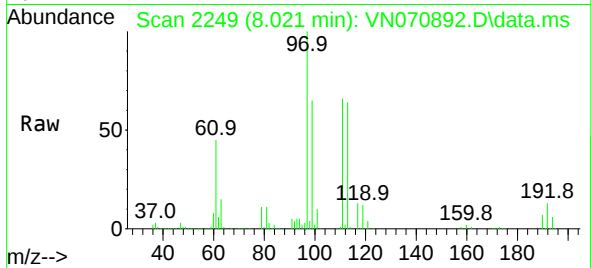
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.448 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

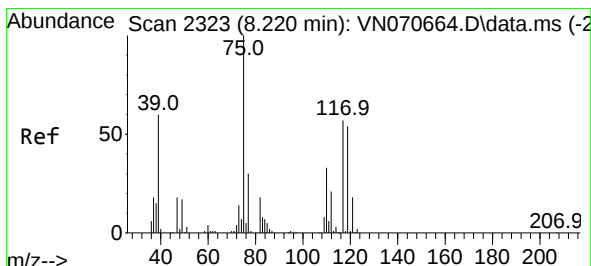
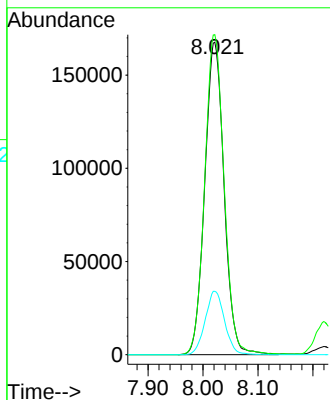
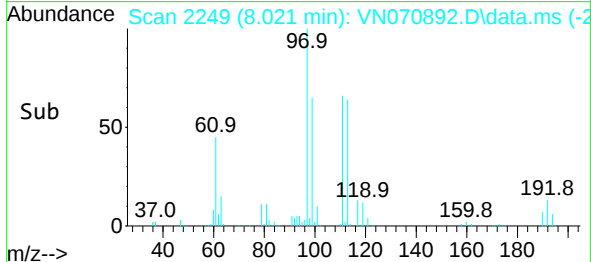
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 409725
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.4 16.9 25.3

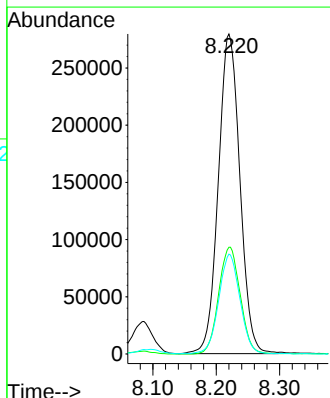
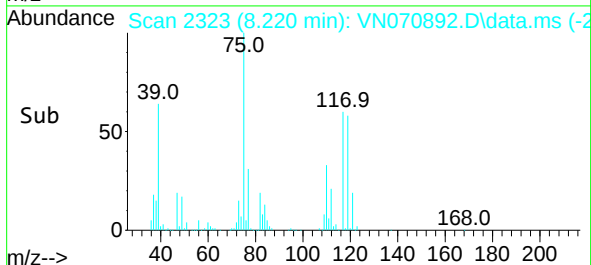
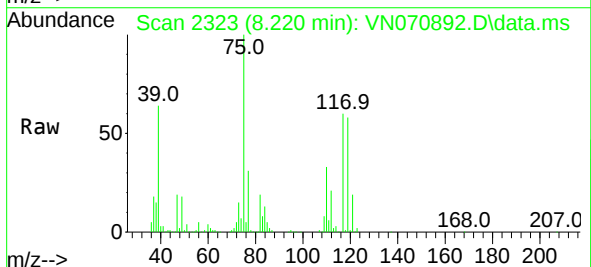
Manual Integrations
APPROVED

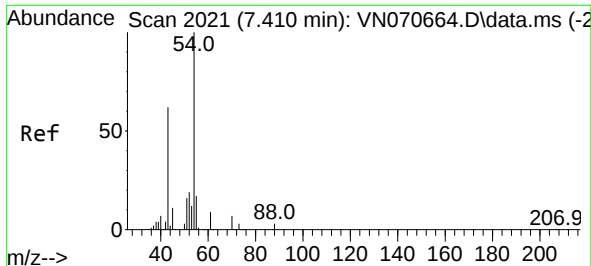
Reviewed By : John Carlone 02/03/2022
Supervised By : Mahesh Dadoda 02/04/2022



#36
1,1-Dichloropropene
Concen: 46.407 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

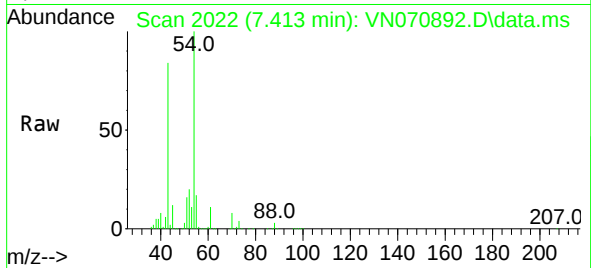
Tgt Ion: 75 Resp: 660708
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 48.810 ug/l
RT: 7.413 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

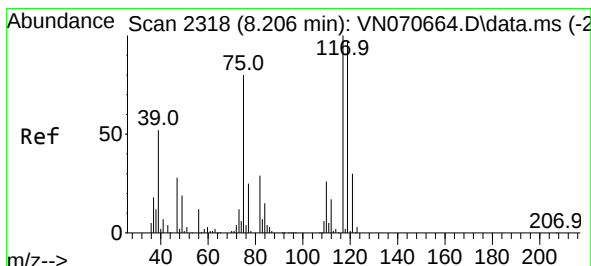
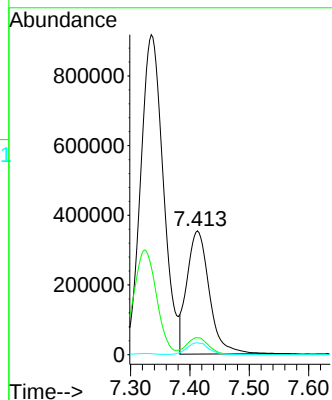
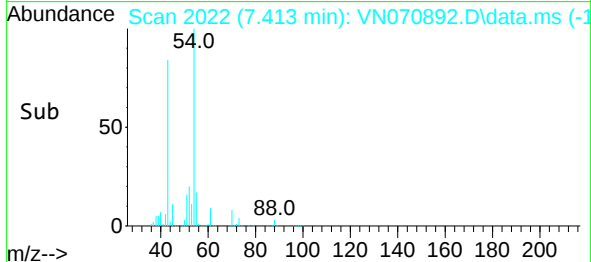
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 922588
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.3 7.9 11.9

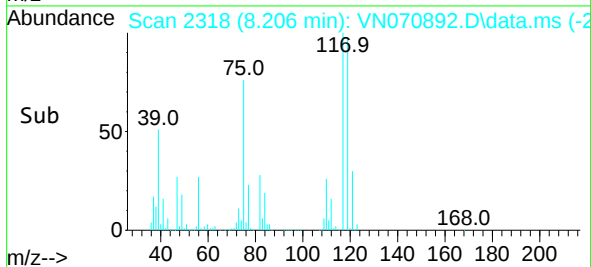
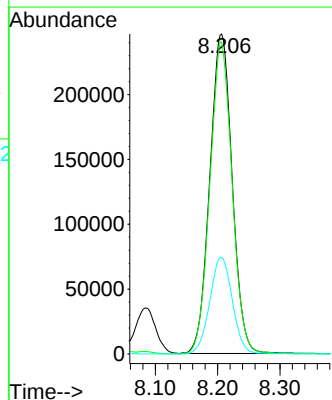
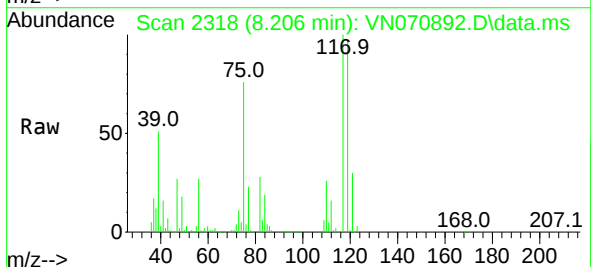
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 48.507 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion:117 Resp: 614380
Ion Ratio Lower Upper
117 100
119 97.6 76.1 114.1
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 47.982 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 843350

Ion Ratio Lower Upper

83 100

55 82.3 58.1 87.1

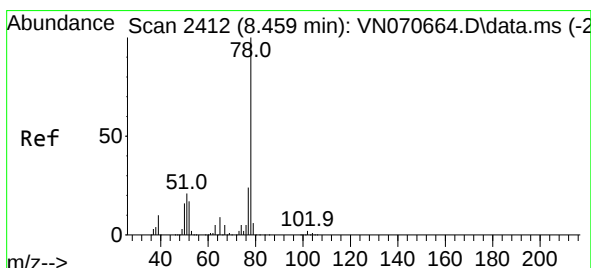
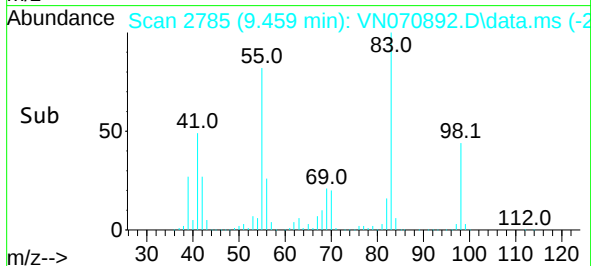
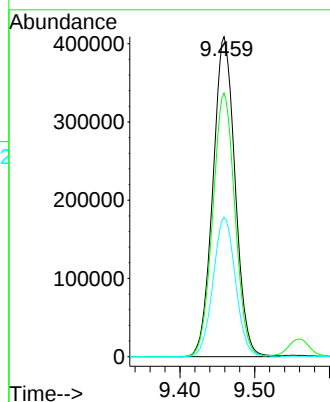
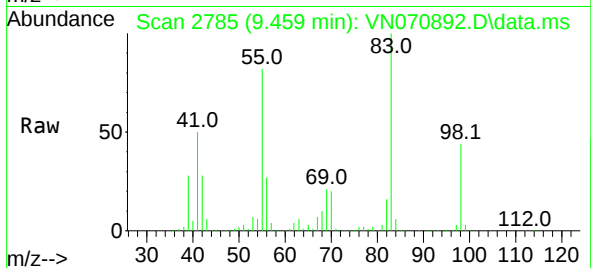
98 43.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#40

Benzene

Concen: 46.392 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070892.D

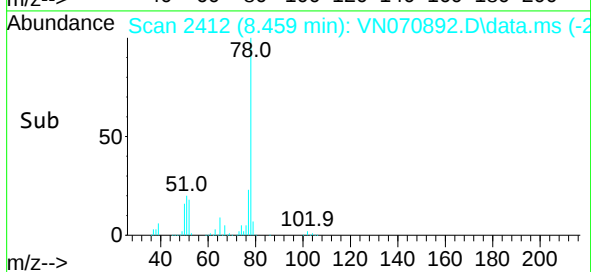
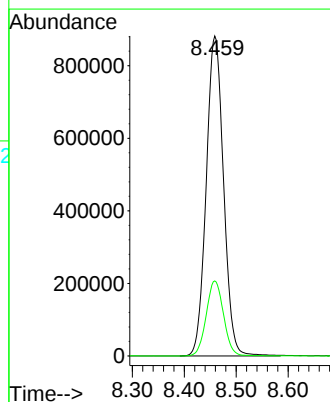
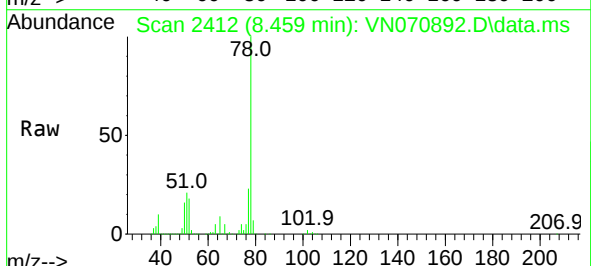
Acq: 2 Feb 2022 14:11

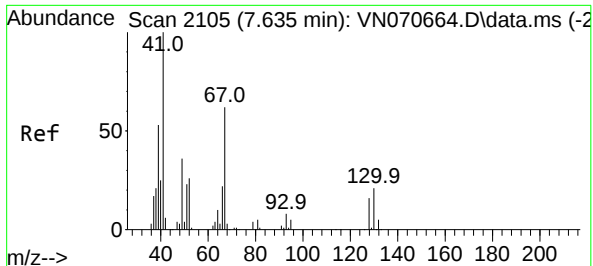
Tgt Ion: 78 Resp: 2046582

Ion Ratio Lower Upper

78 100

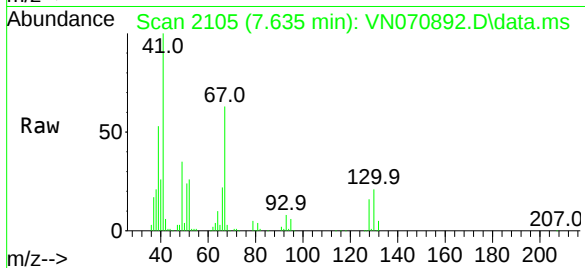
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 48.286 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

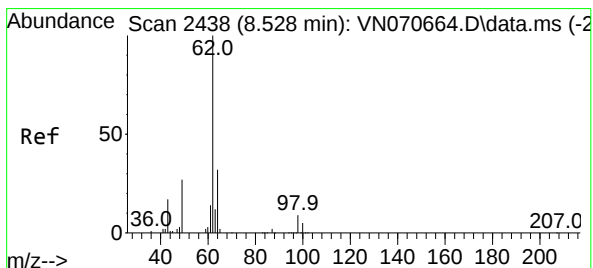
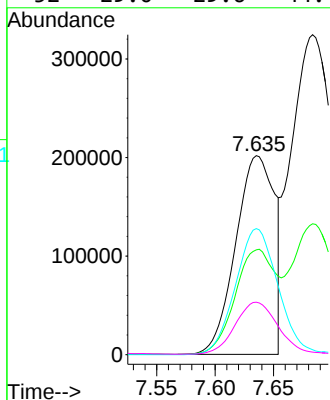
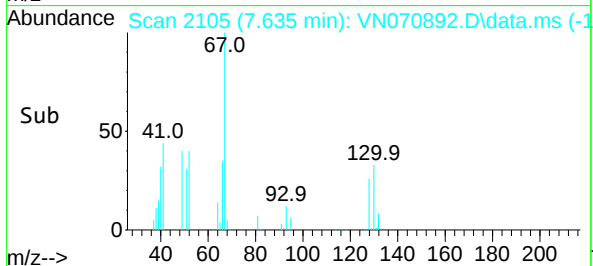
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 464338
Ion Ratio Lower Upper
41 100
39 56.0 48.1 72.1
67 70.2 68.3 102.5
52 29.0 29.6 44.4#

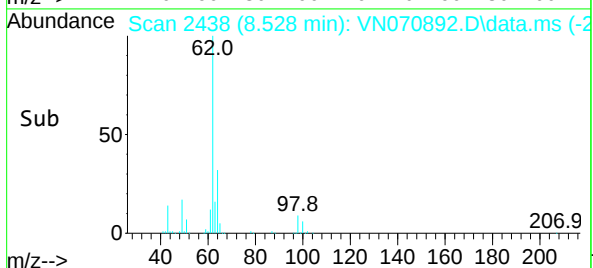
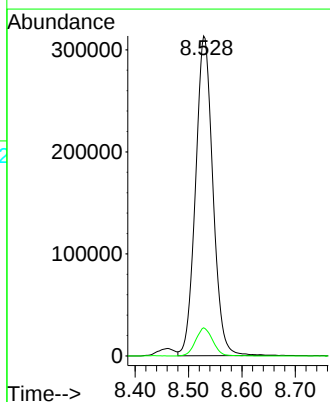
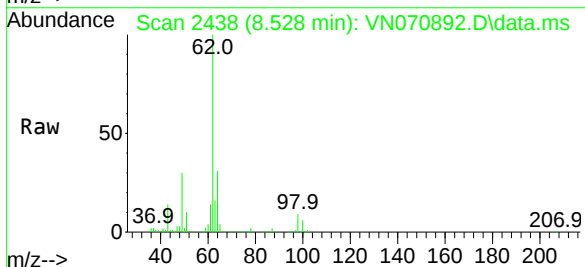
Manual Integrations
APPROVED

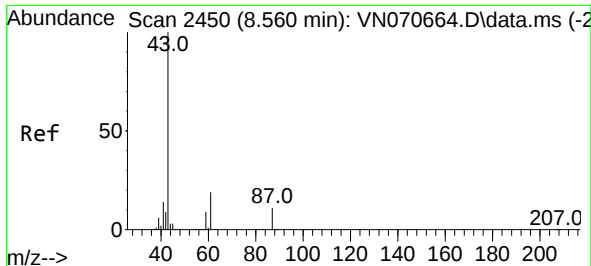
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
1,2-Dichloroethane
Concen: 46.321 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

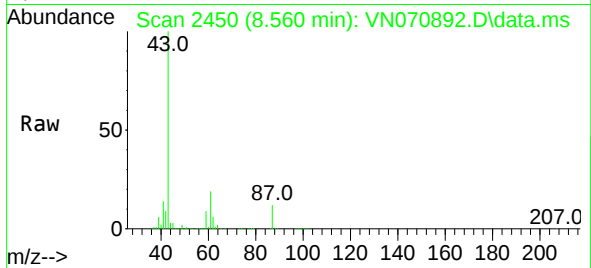
Tgt Ion: 62 Resp: 708556
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.238 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

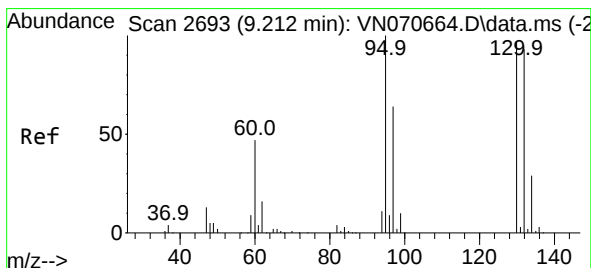
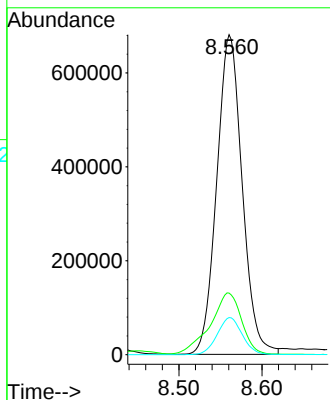
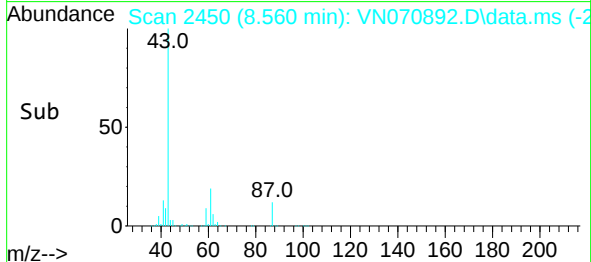
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1450394
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.5 11.2 16.8

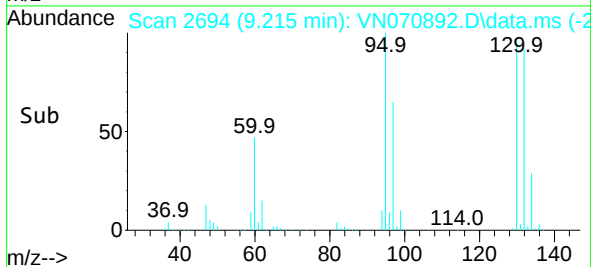
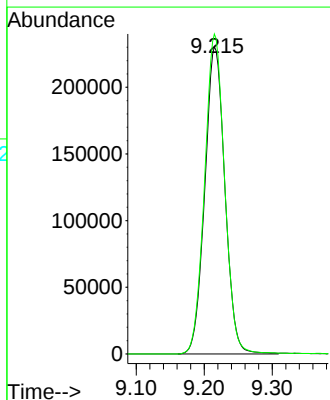
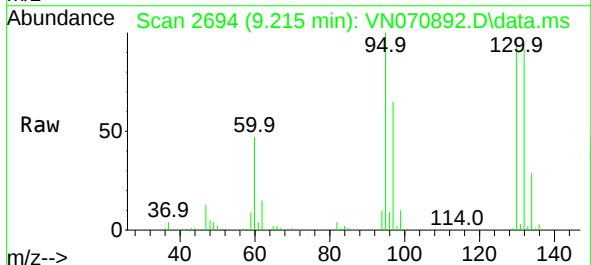
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 47.348 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion:130 Resp: 473526
Ion Ratio Lower Upper
130 100
95 104.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.508 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070892.D

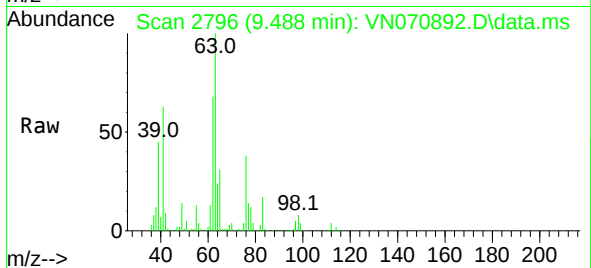
Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



Tgt Ion: 63 Resp: 558220

Ion Ratio Lower Upper

63 100

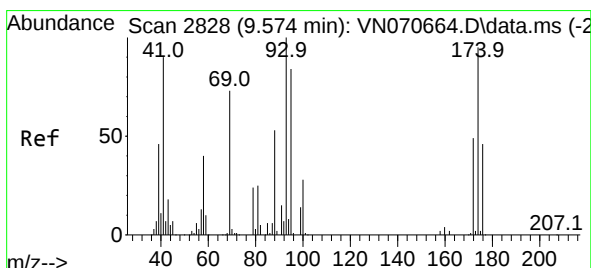
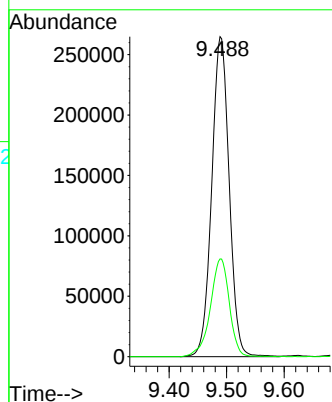
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 48.306 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

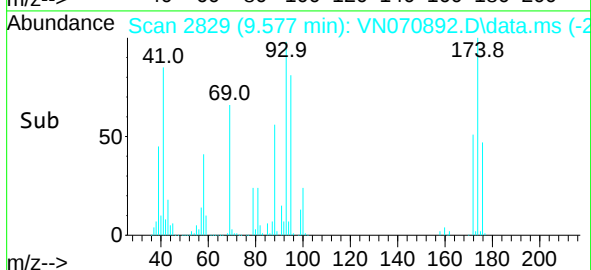
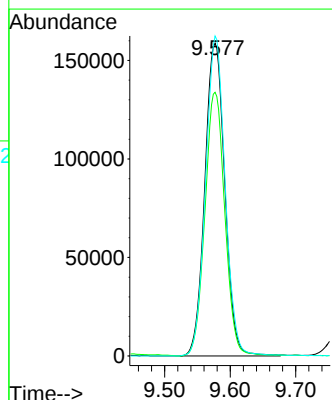
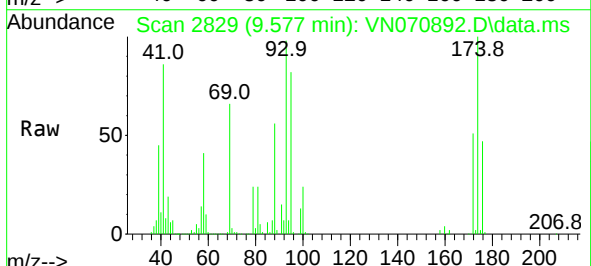
Tgt Ion: 93 Resp: 337136

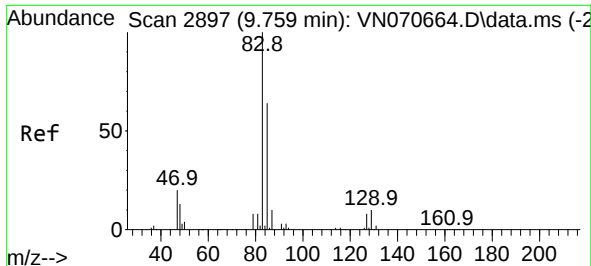
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

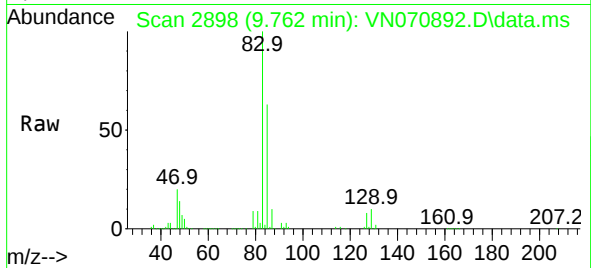
174 99.8 84.6 127.0





#47
Bromodichloromethane
Concen: 48.002 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

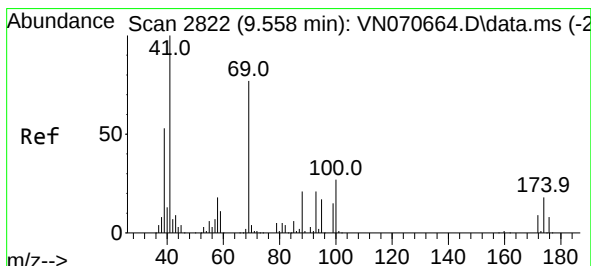
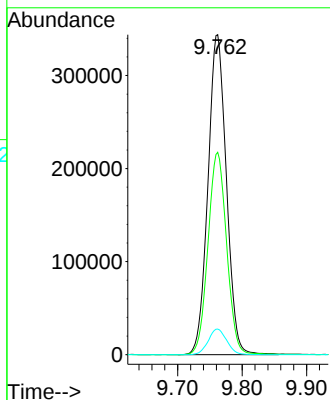
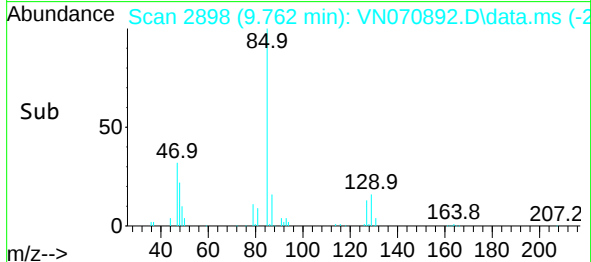
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



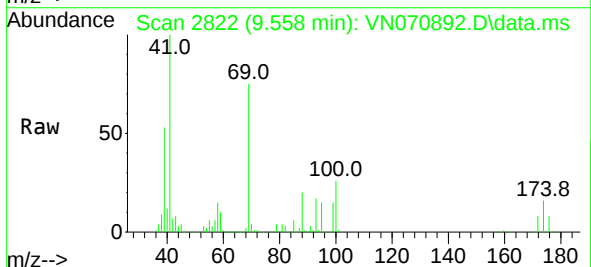
Tgt Ion: 83 Resp: 684800
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.0 7.1 10.7

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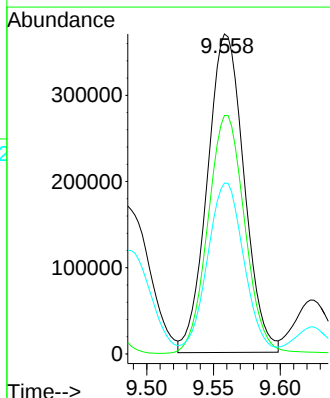
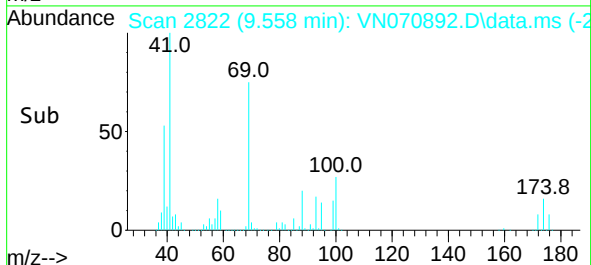
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Methyl methacrylate
Concen: 51.416 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



Tgt Ion: 41 Resp: 707168
Ion Ratio Lower Upper
41 100
69 75.3 72.4 108.6
39 49.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 1086.130 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 22439

Ion Ratio Lower Upper

88 100

43 31.9 23.4 35.2

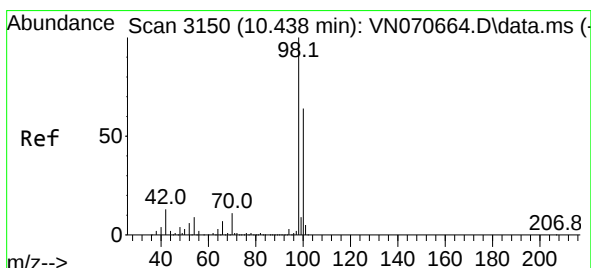
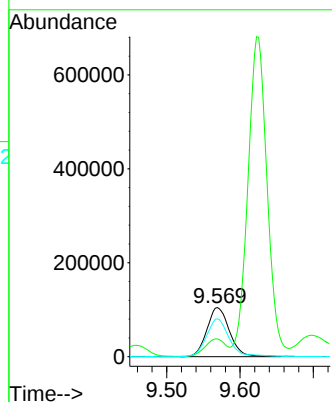
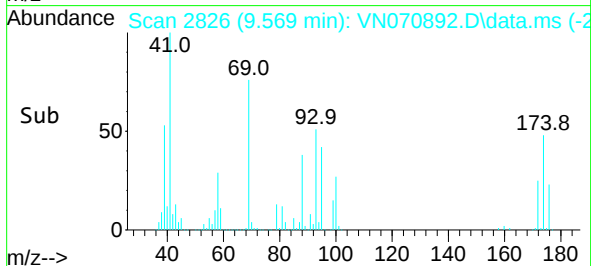
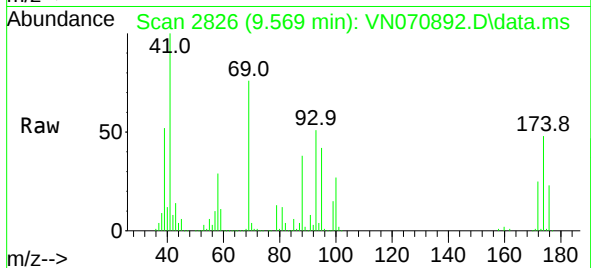
58 77.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#50

Toluene-d8

Concen: 46.711 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VN070892.D

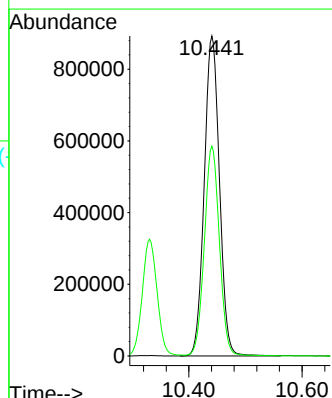
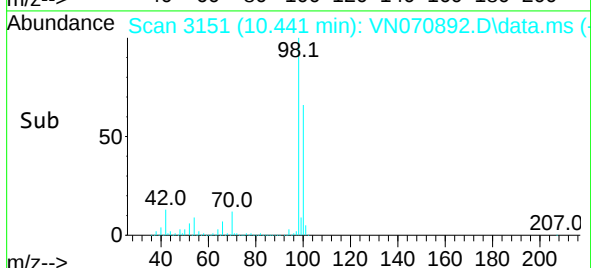
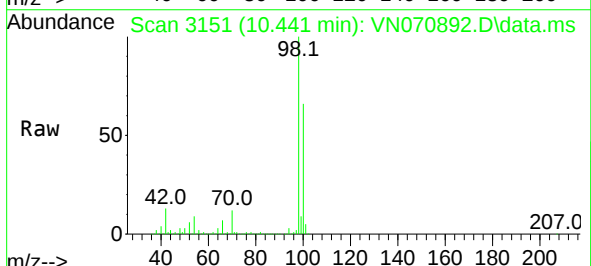
Acq: 2 Feb 2022 14:11

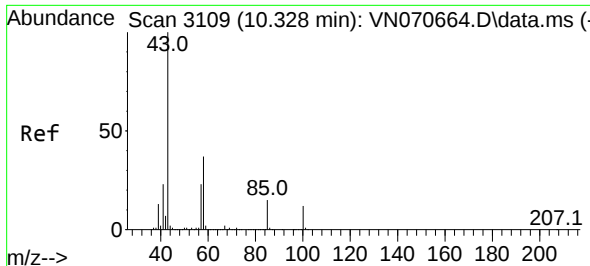
Tgt Ion: 98 Resp: 1664191

Ion Ratio Lower Upper

98 100

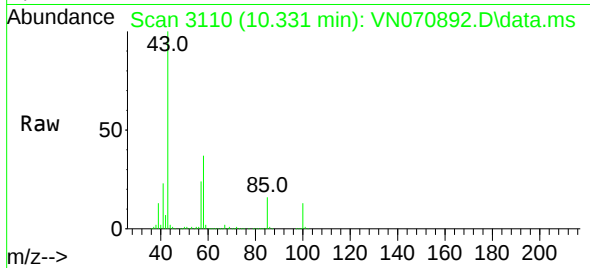
100 64.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 250.694 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

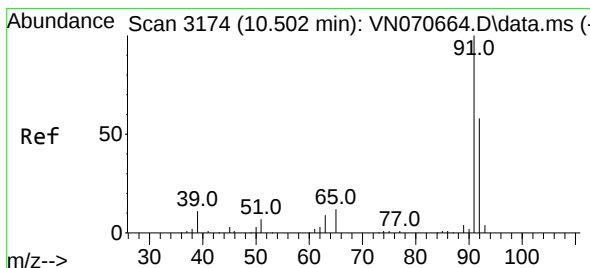
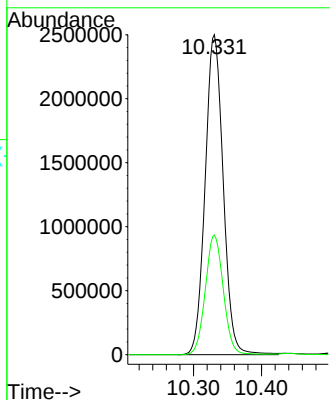
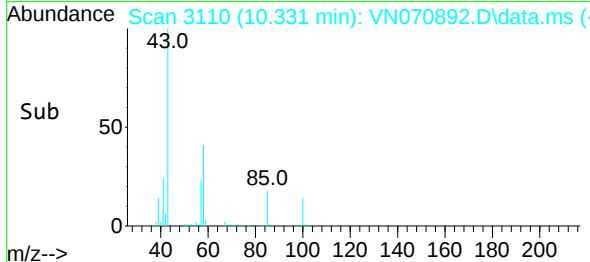
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



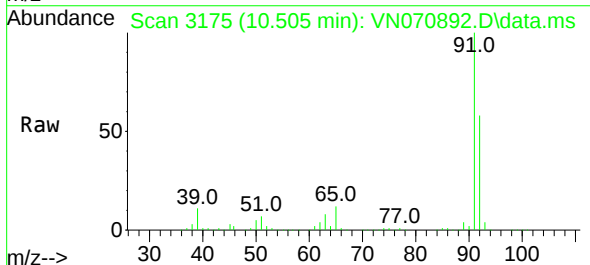
Tgt Ion: 43 Resp: 4618324
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

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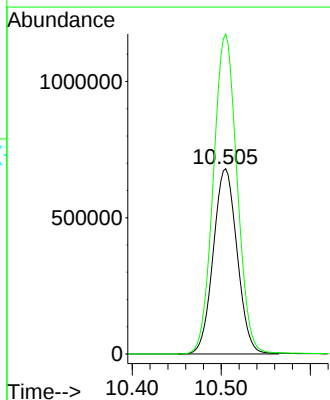
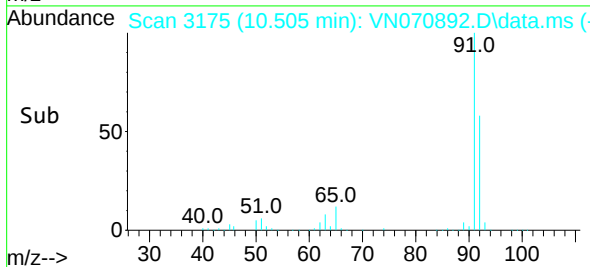
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

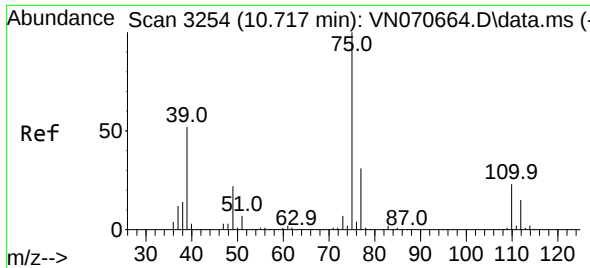


#52
Toluene
Concen: 48.016 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



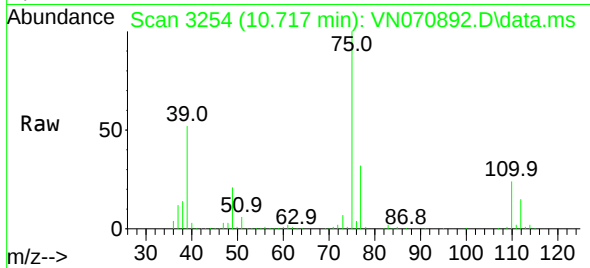
Tgt Ion: 92 Resp: 1267072
Ion Ratio Lower Upper
92 100
91 172.7 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 50.889 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN070892.D
 Acq: 2 Feb 2022 14:11

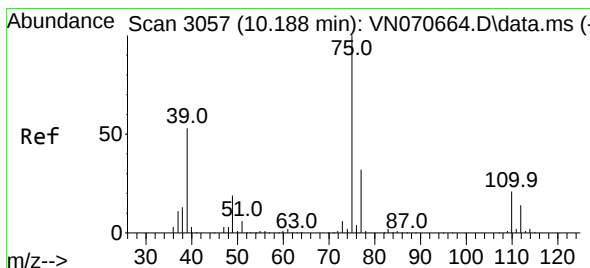
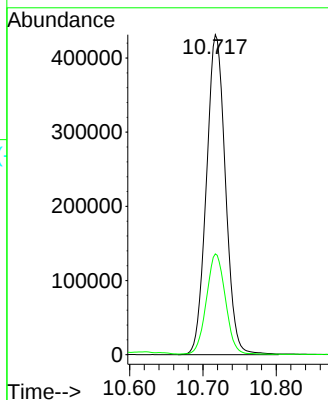
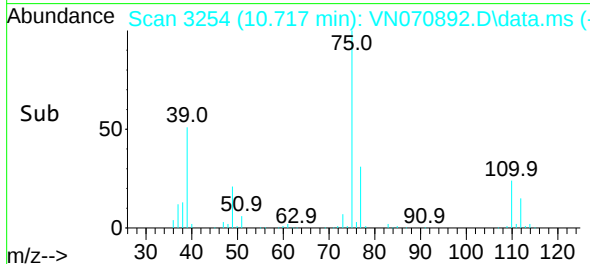
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



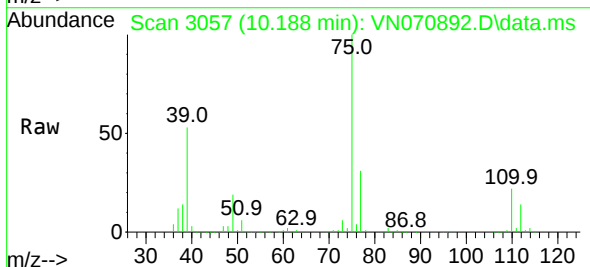
Tgt Ion: 75 Resp: 77892
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4

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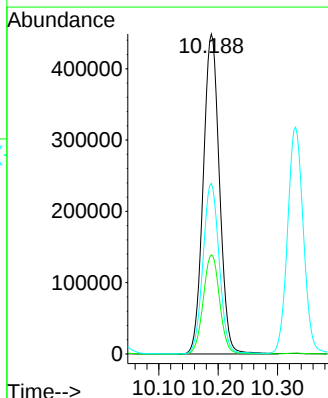
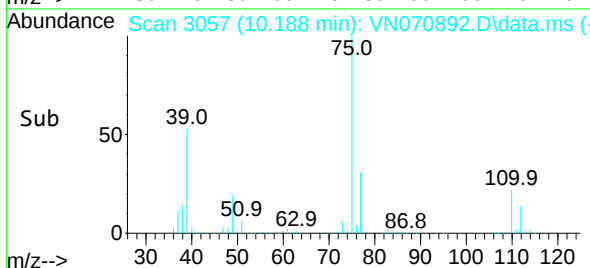
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

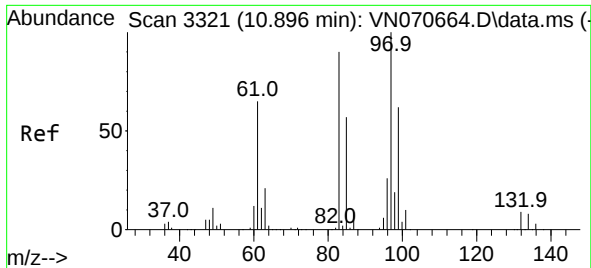


#54
 cis-1,3-Dichloropropene
 Concen: 49.794 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070892.D
 Acq: 2 Feb 2022 14:11



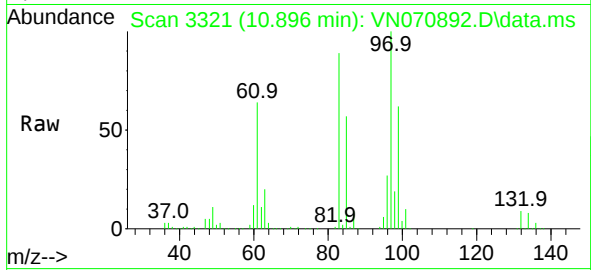
Tgt Ion: 75 Resp: 851928
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.4 39.6
 39 53.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 47.112 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

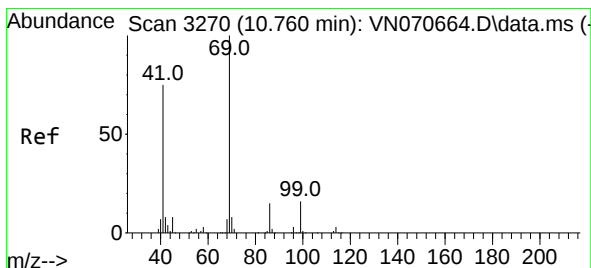
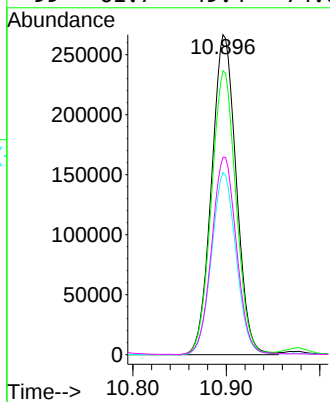
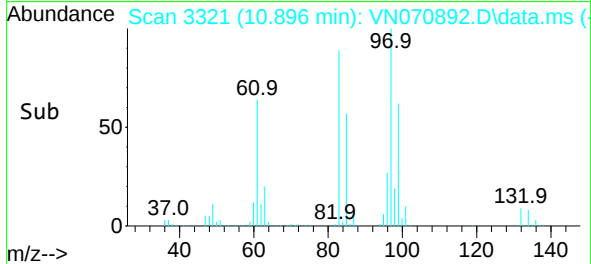
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



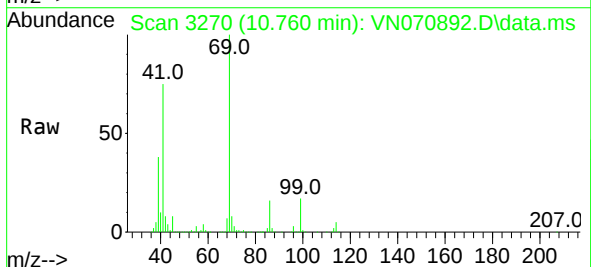
Tgt Ion: 97 Resp: 48839
Ion Ratio Lower Upper
97 100
83 88.7 67.8 101.6
85 56.9 45.4 68.2
99 61.7 49.4 74.0

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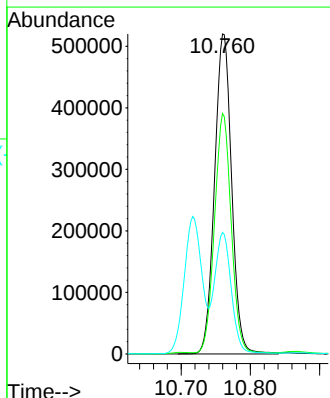
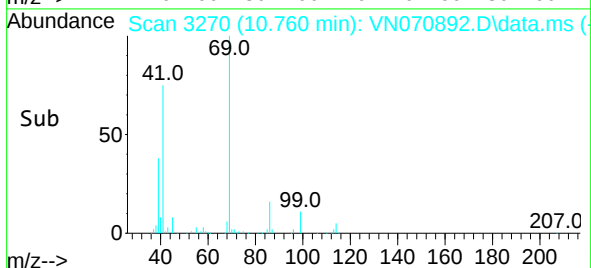
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

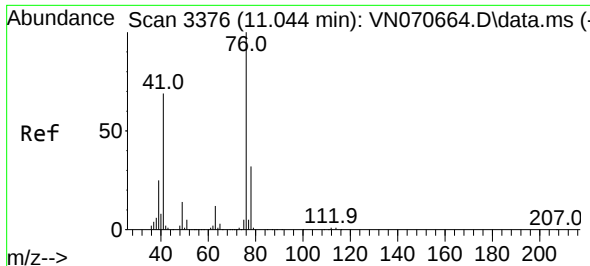


#56
Ethyl methacrylate
Concen: 51.167 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



Tgt Ion: 69 Resp: 891708
Ion Ratio Lower Upper
69 100
41 73.0 51.4 77.0
39 36.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 47.429 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 87041

Ion Ratio Lower Upper

76 100

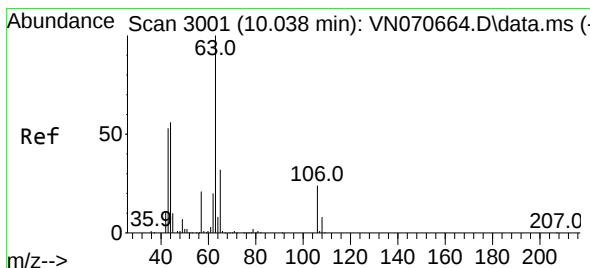
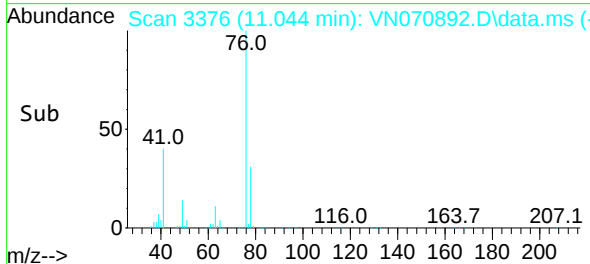
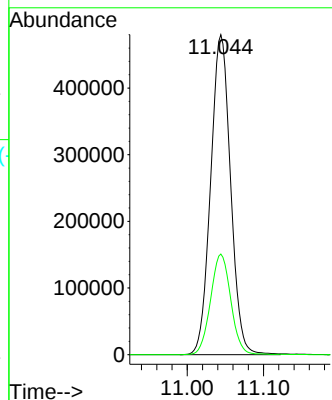
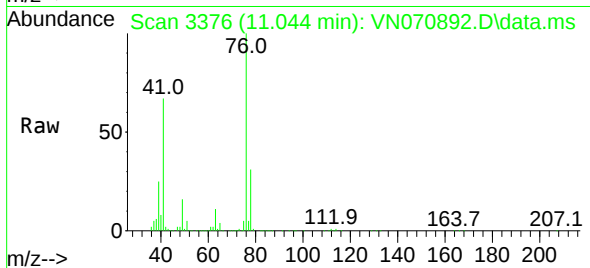
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 249.226 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VN070892.D

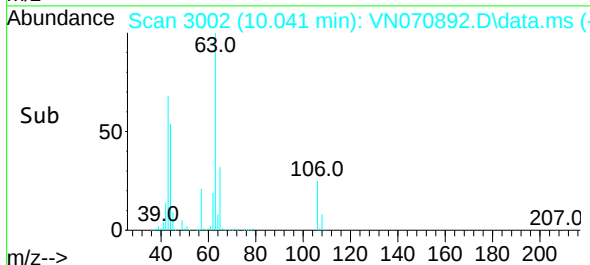
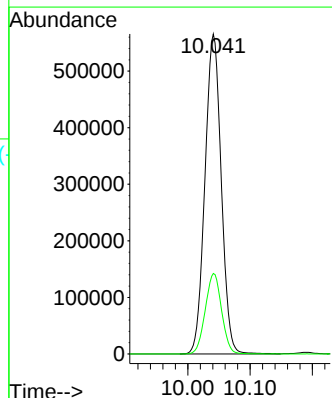
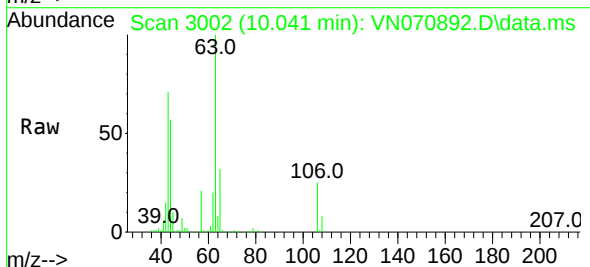
Acq: 2 Feb 2022 14:11

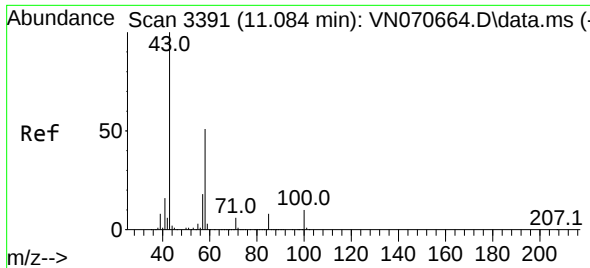
Tgt Ion: 63 Resp: 1025515

Ion Ratio Lower Upper

63 100

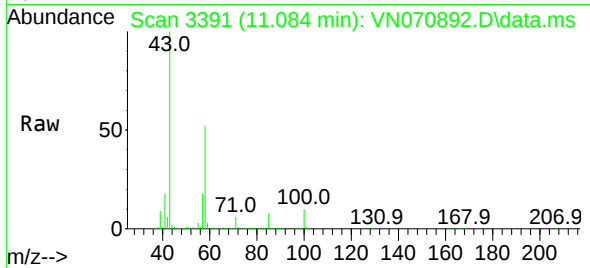
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 255.506 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

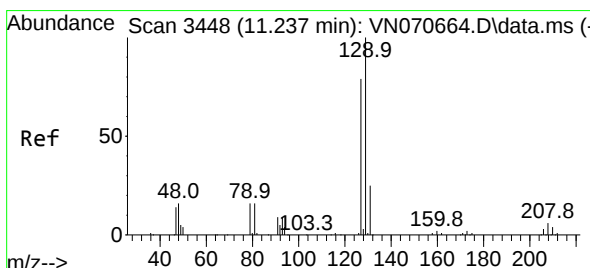
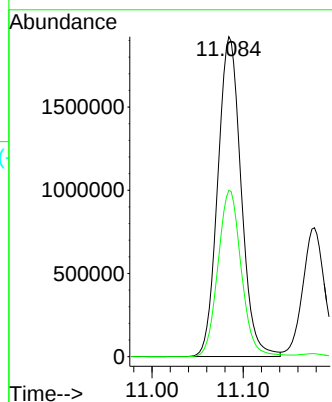
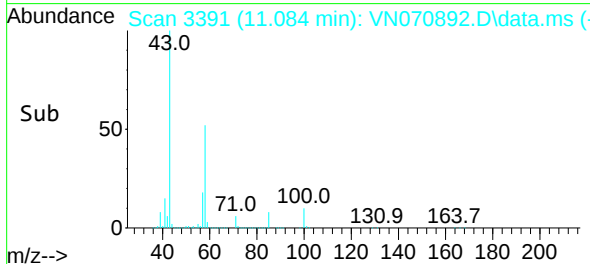
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 3419409
Ion Ratio Lower Upper
43 100
58 52.1 26.9 80.7

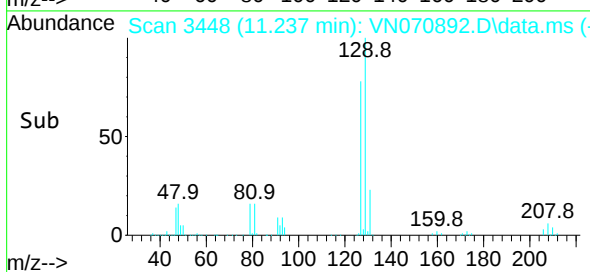
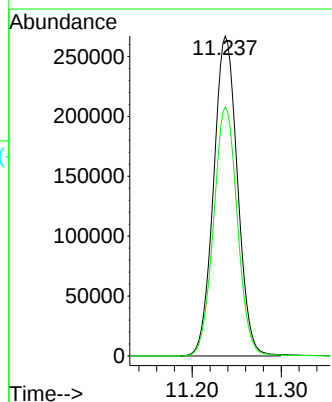
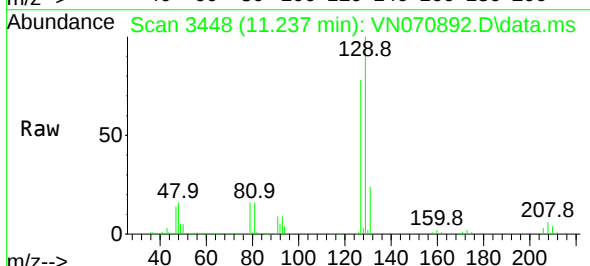
Manual Integrations
APPROVED

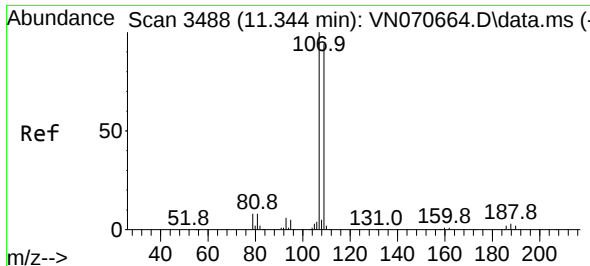
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
Dibromochloromethane
Concen: 51.578 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

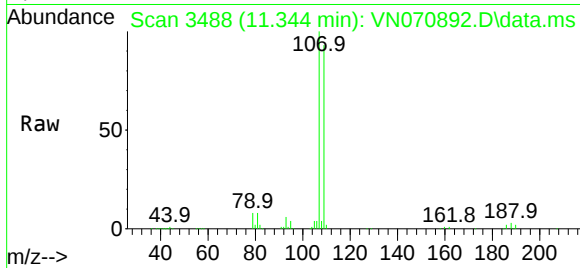
Tgt Ion:129 Resp: 498737
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.074 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

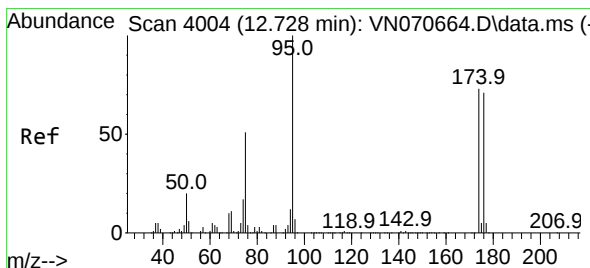
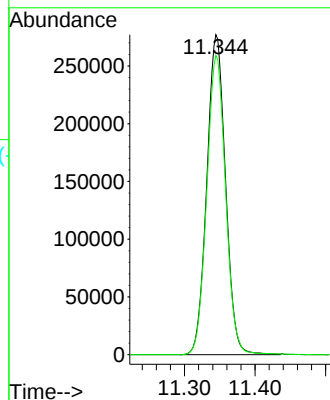
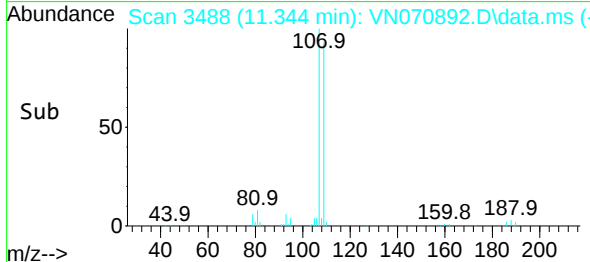
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



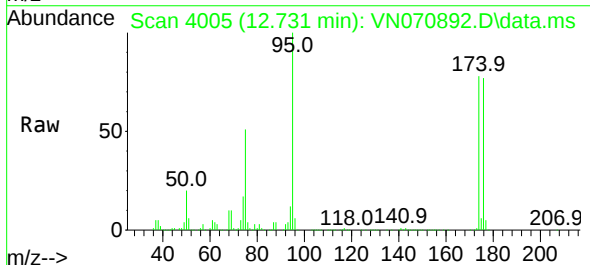
Tgt Ion:107 Resp: 51077
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

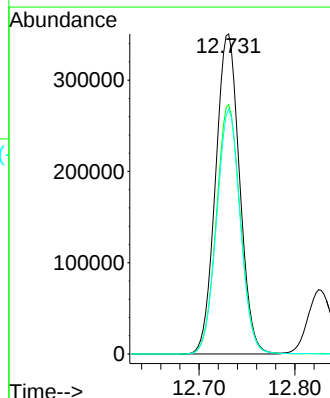
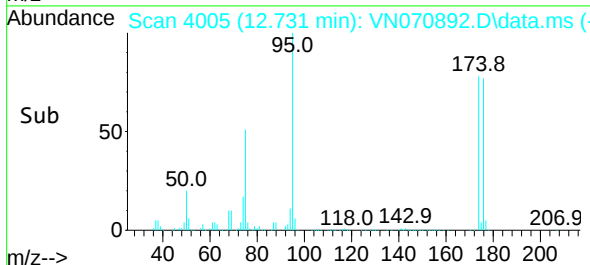
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

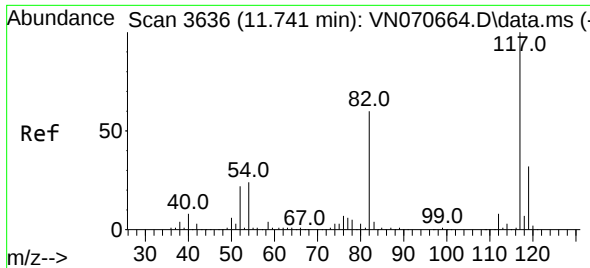


#62
4-Bromofluorobenzene
Concen: 48.037 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



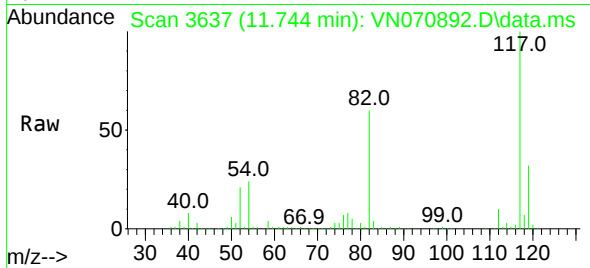
Tgt Ion: 95 Resp: 609865
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

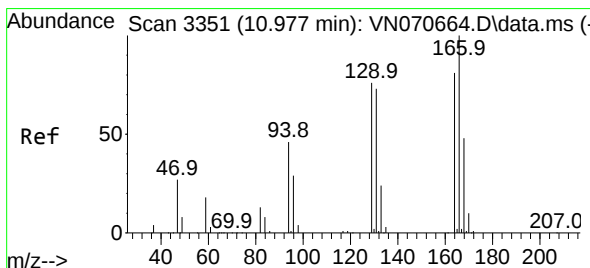
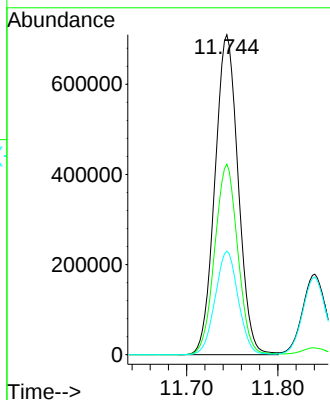
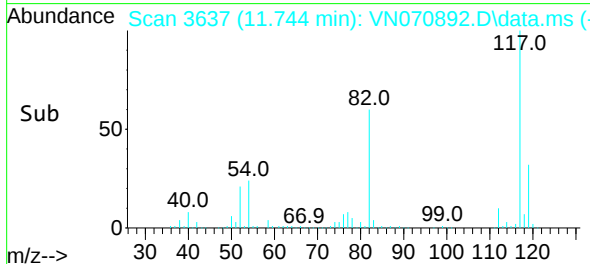
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 1261034
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.4 25.4 38.2

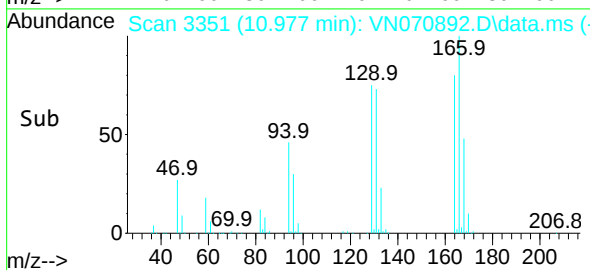
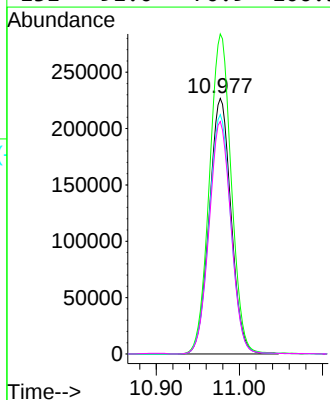
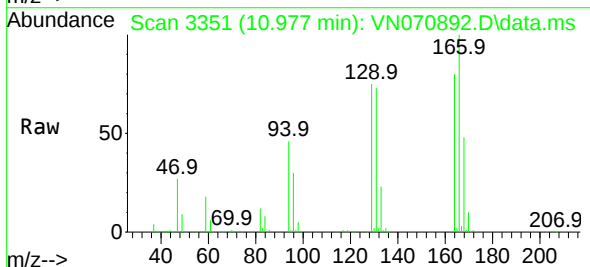
Manual Integrations
APPROVED

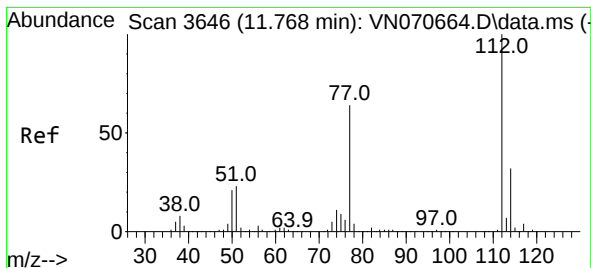
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#64
Tetrachloroethene
Concen: 44.714 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

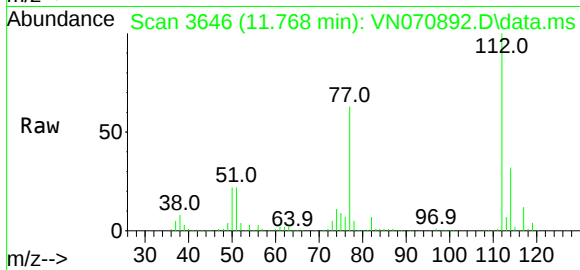
Tgt Ion:164 Resp: 413421
Ion Ratio Lower Upper
164 100
166 125.2 101.9 152.9
129 93.7 72.0 108.0
131 91.0 70.9 106.3





#65
Chlorobenzene
Concen: 47.447 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

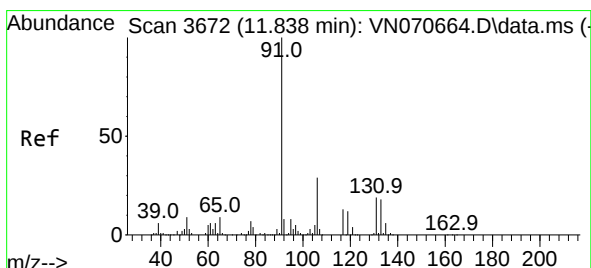
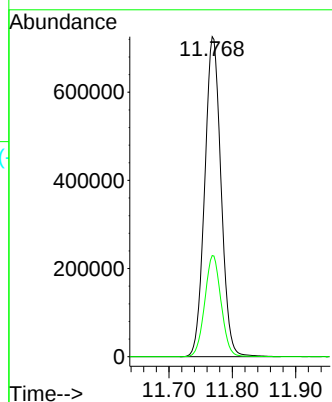
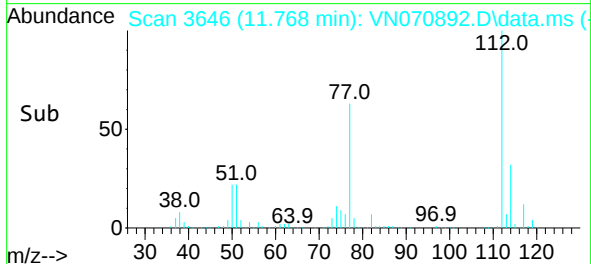
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 1296330
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

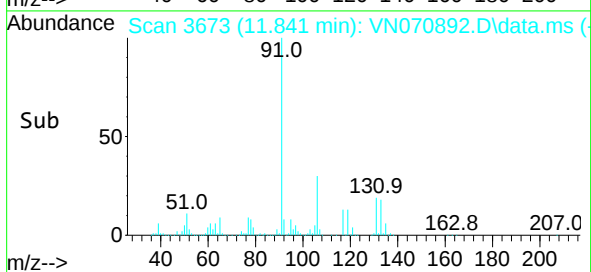
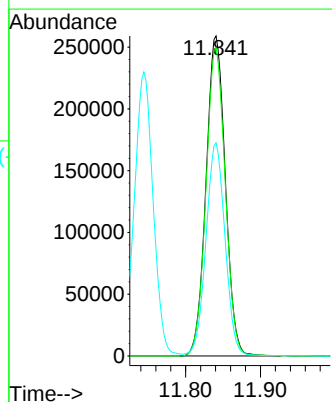
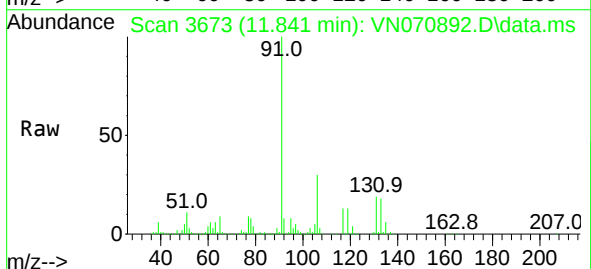
Manual Integrations
APPROVED

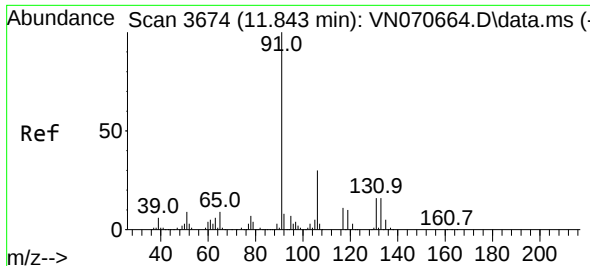
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.399 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion:131 Resp: 464766
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 65.9 32.1 96.5





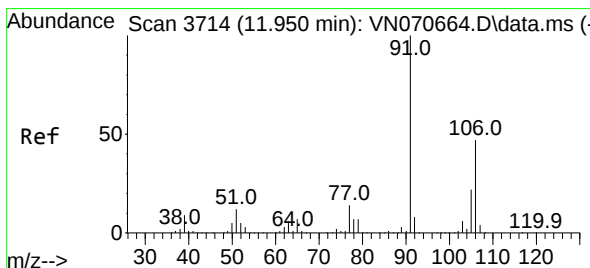
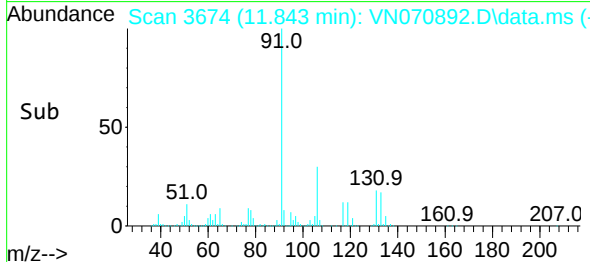
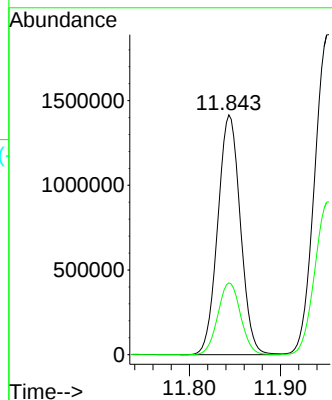
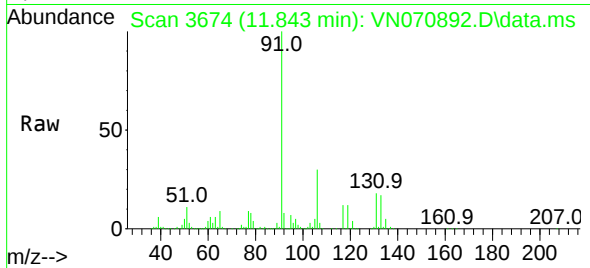
#67
Ethyl Benzene
Concen: 48.120 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 243749
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

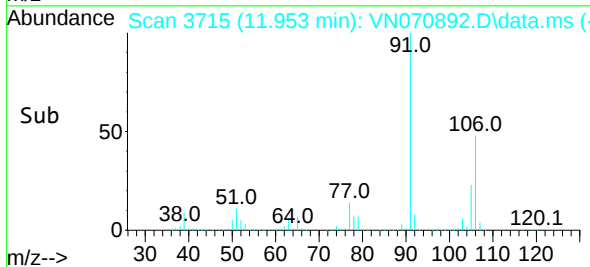
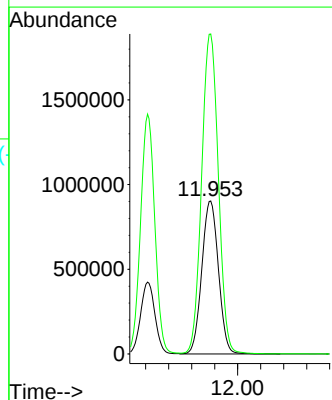
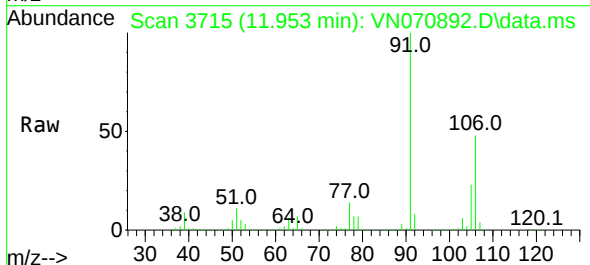
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 98.341 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

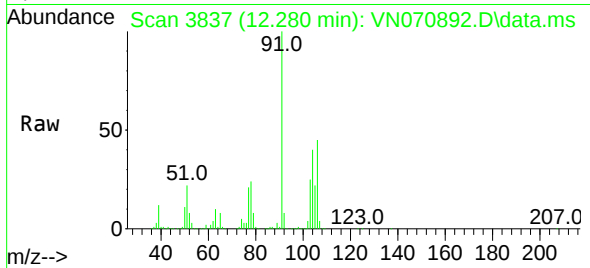
Tgt Ion:106 Resp: 1812199
Ion Ratio Lower Upper
106 100
91 210.4 160.6 240.8





#69
o-Xylene
Concen: 49.214 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

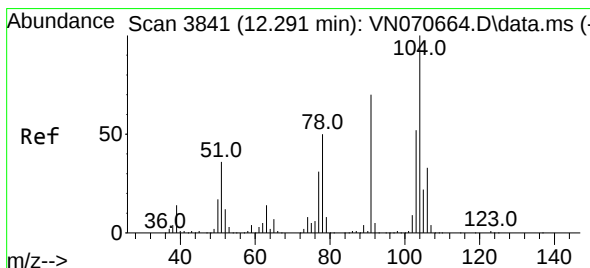
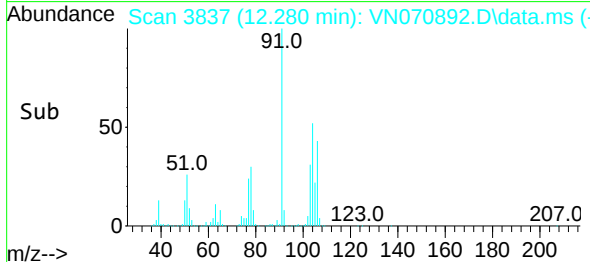
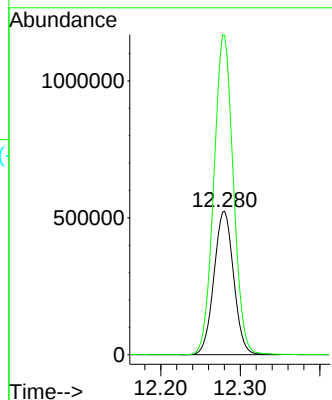
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 899997
Ion Ratio Lower Upper
106 100
91 221.7 105.8 317.3

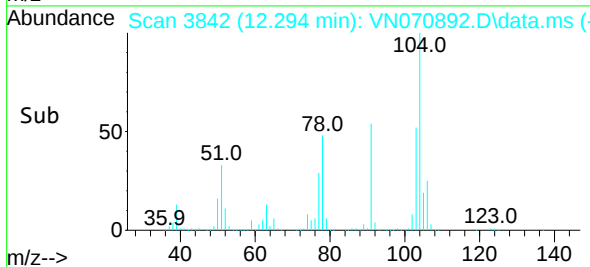
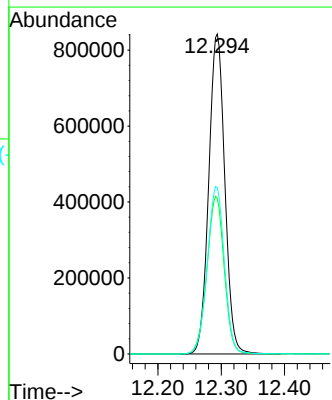
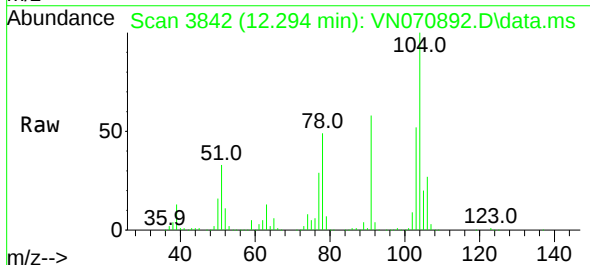
Manual Integrations
APPROVED

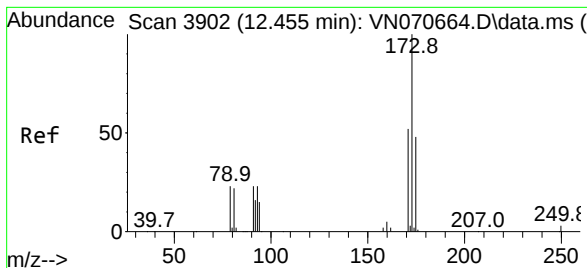
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 50.719 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion:104 Resp: 1483826
Ion Ratio Lower Upper
104 100
78 53.0 38.7 58.1
103 55.7 45.0 67.6





#71

Bromoform

Concen: 55.824 ug/l

RT: 12.457 min Scan# 3902

Delta R.T. 0.002 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

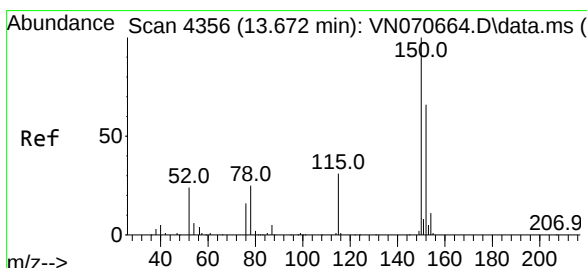
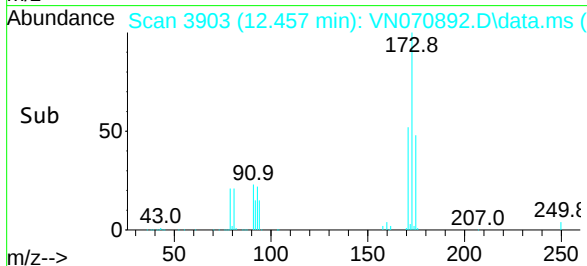
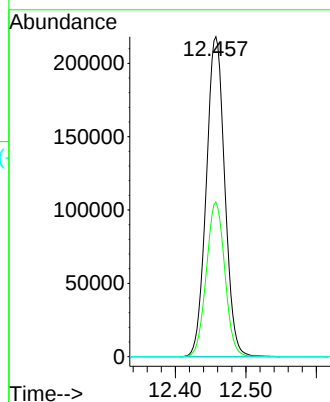
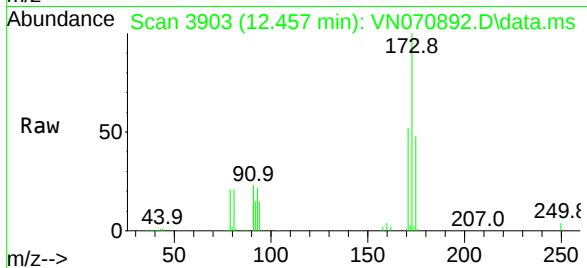
VSTDICCC050

Tgt Ion:173 Resp: 396732
 Ion Ratio Lower Upper
 173 100
 175 48.4 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

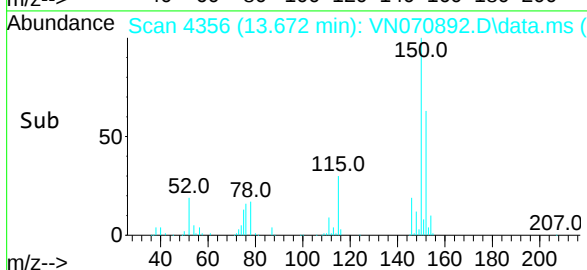
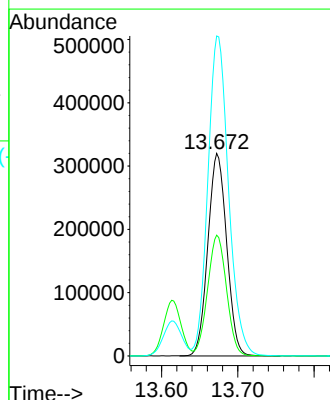
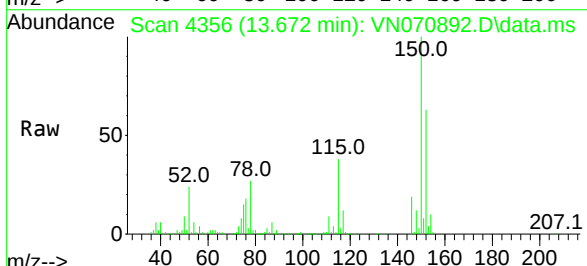
RT: 13.672 min Scan# 4356

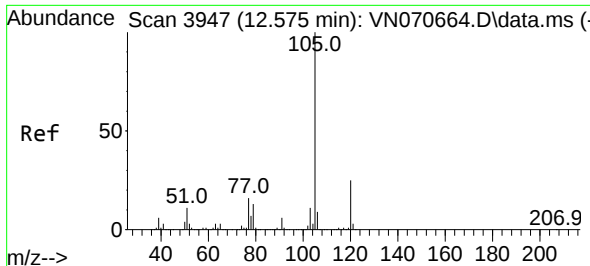
Delta R.T. 0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

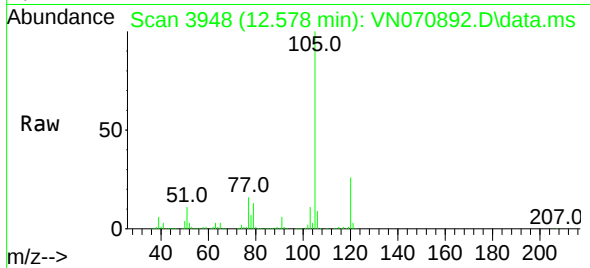
Tgt Ion:152 Resp: 548858
 Ion Ratio Lower Upper
 152 100
 115 60.1 27.5 82.5
 150 173.3 0.0 344.4





#73
Isopropylbenzene
Concen: 45.072 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

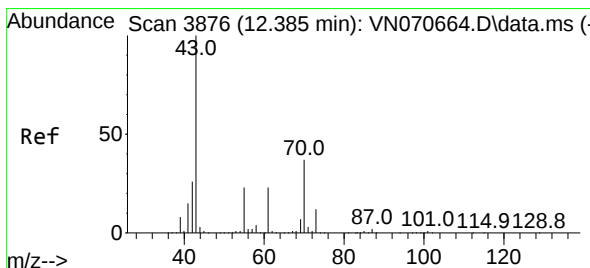
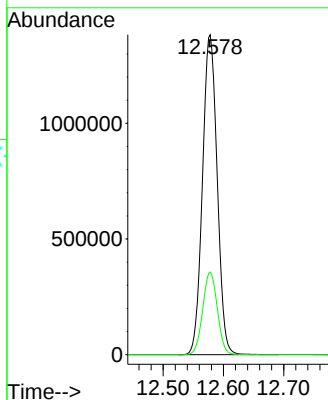
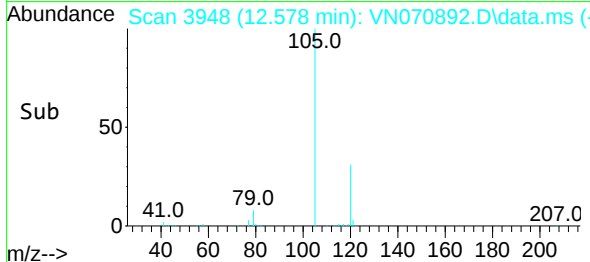
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



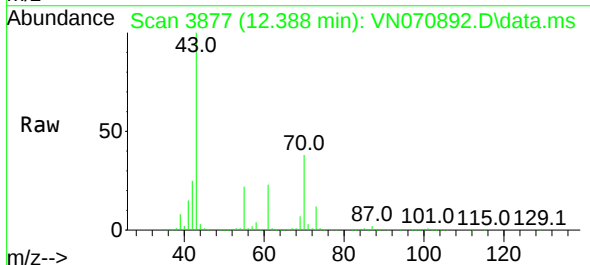
Tgt Ion:105 Resp: 234034
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

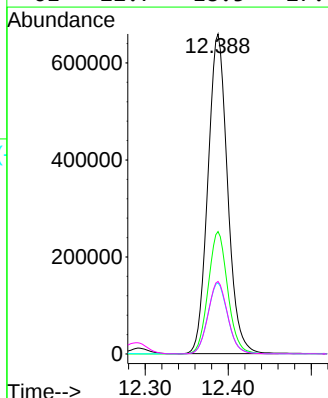
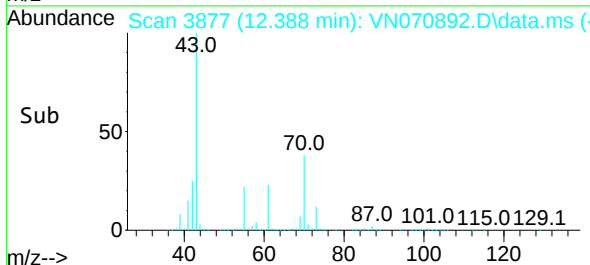
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

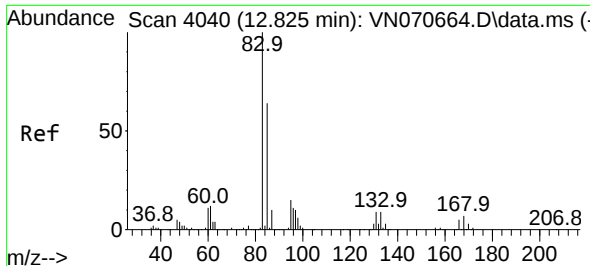


#74
N-amy1 acetate
Concen: 50.920 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



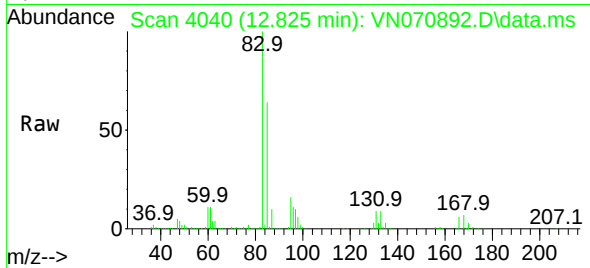
Tgt Ion: 43 Resp: 1081041
Ion Ratio Lower Upper
43 100
70 38.2 33.4 50.0
55 22.5 19.3 28.9
61 22.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.952 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

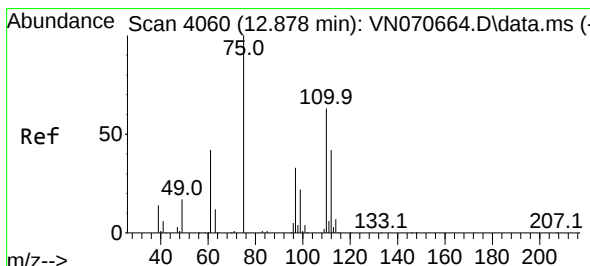
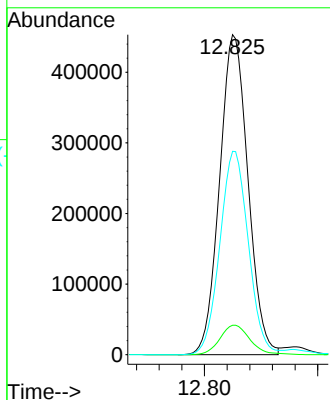
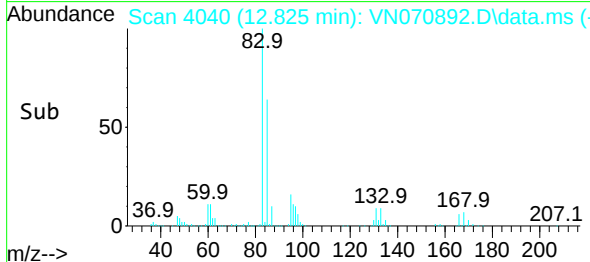
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 788284
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.9 32.4 97.2

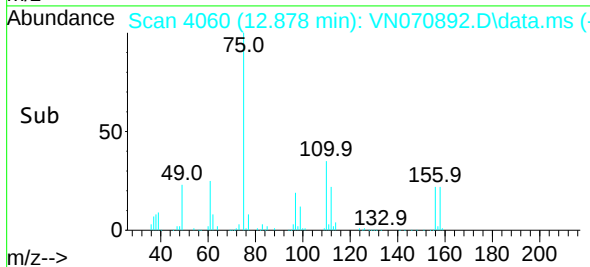
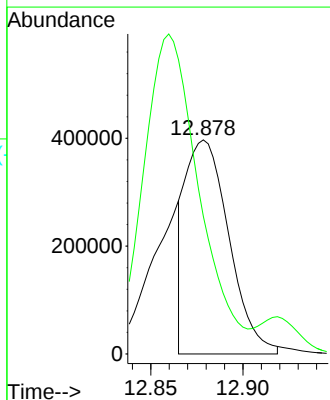
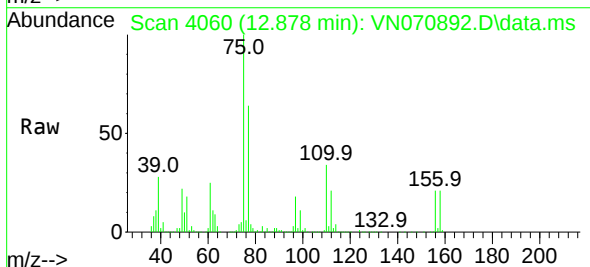
Manual Integrations
APPROVED

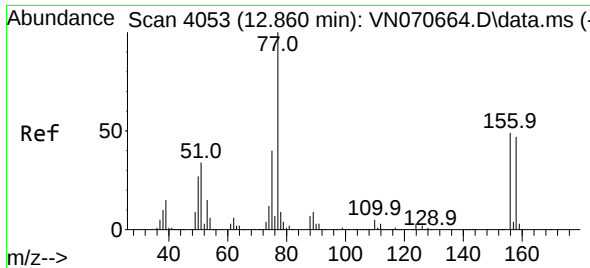
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#76
1,2,3-Trichloropropane
Concen: 44.778 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

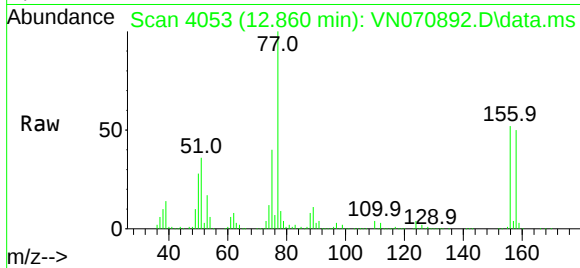
Tgt Ion: 75 Resp: 651842
Ion Ratio Lower Upper
75 100
77 191.0 82.6 247.8





#77
Bromobenzene
Concen: 47.185 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

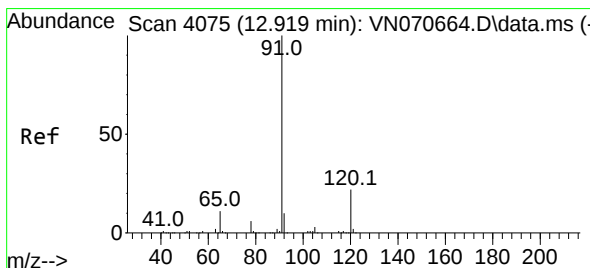
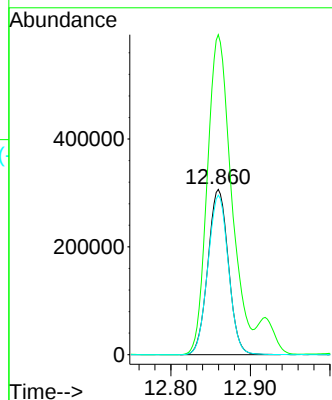
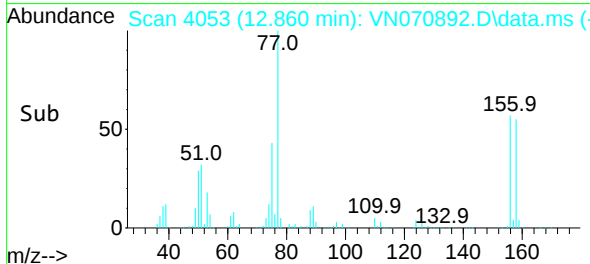
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



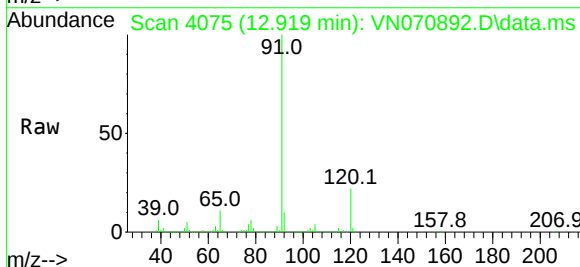
Tgt Ion:156 Resp: 54933
Ion Ratio Lower Upper
156 100
77 226.7 90.6 271.8
158 97.2 48.9 146.7

Manual Integrations
APPROVED

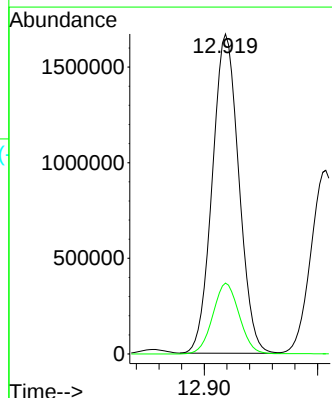
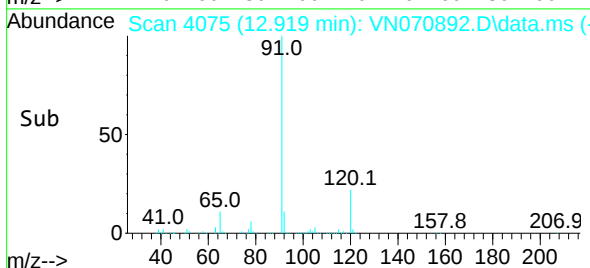
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

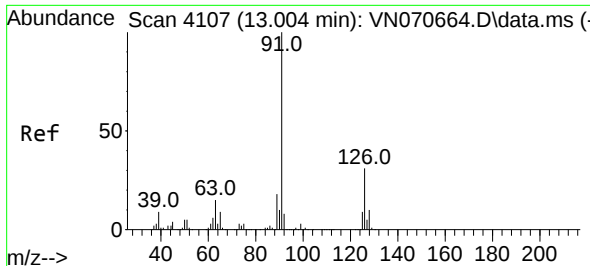


#78
n-propylbenzene
Concen: 46.727 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



Tgt Ion: 91 Resp: 2713430
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





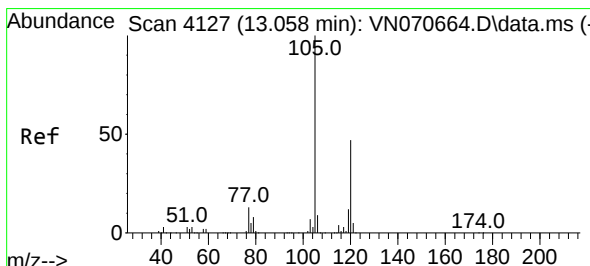
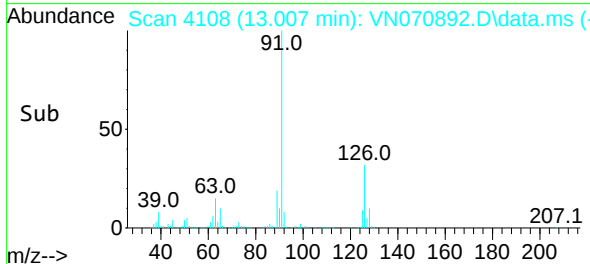
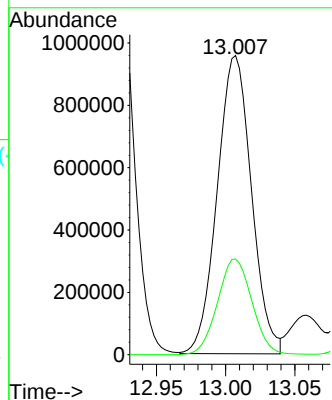
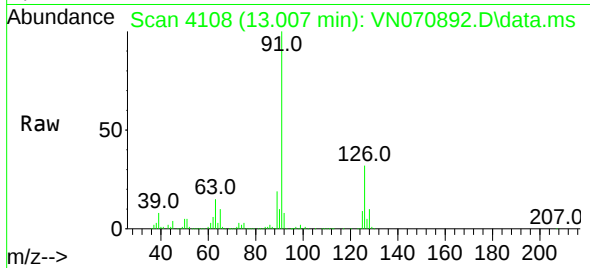
#79
2-Chlorotoluene
Concen: 44.786 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 164514
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

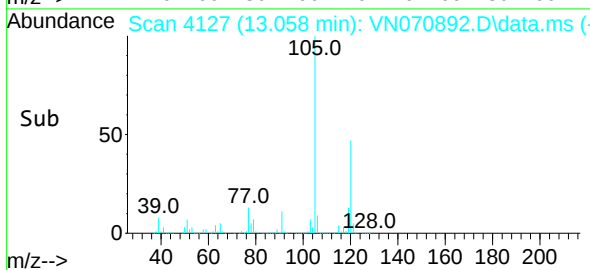
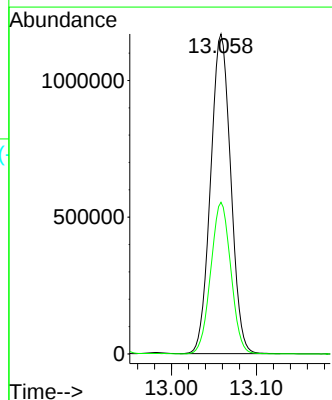
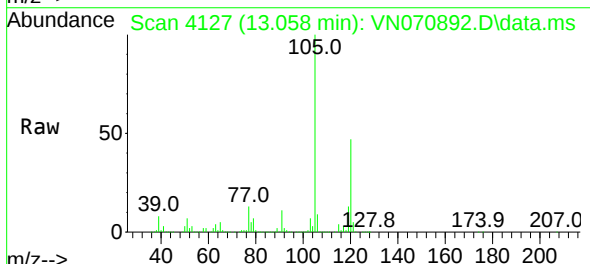
Manual Integrations
APPROVED

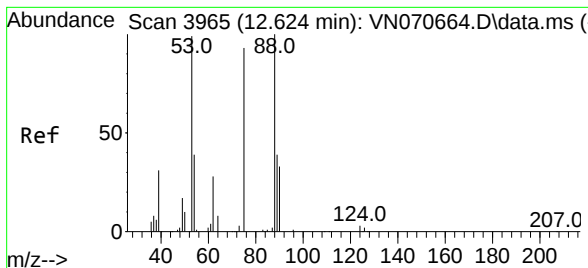
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 45.770 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

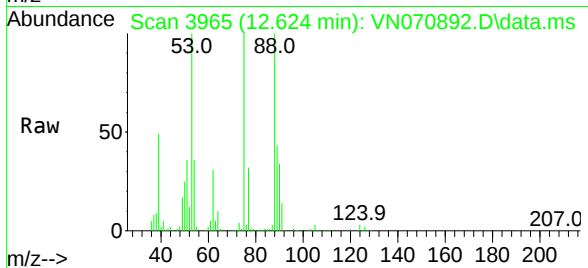
Tgt Ion:105 Resp: 1921913
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.223 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

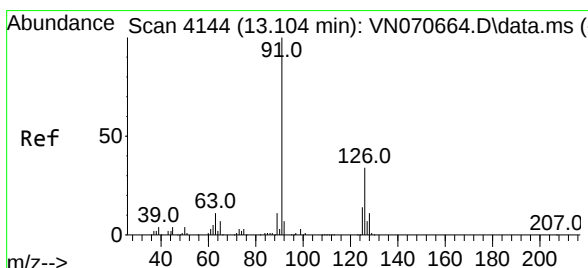
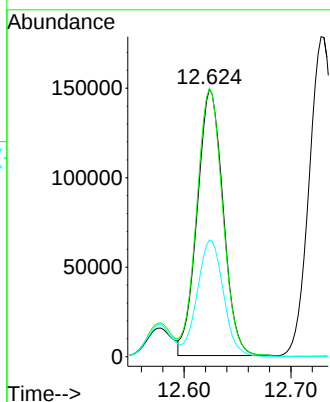
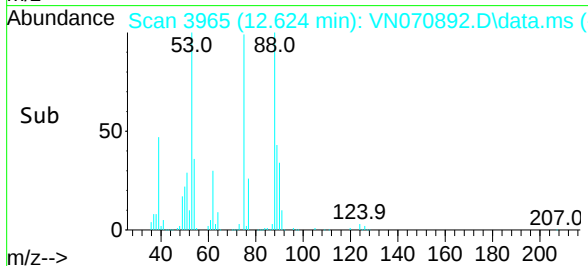
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



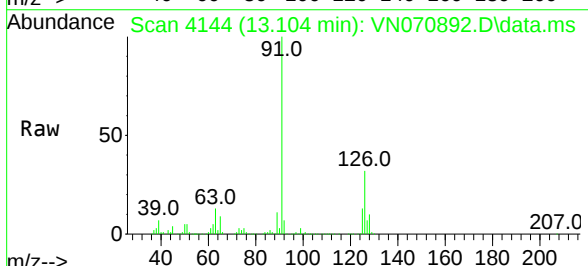
Tgt Ion: 75 Resp: 25029
Ion Ratio Lower Upper
75 100
53 101.9 90.5 135.7
89 44.2 38.2 57.4

Manual Integrations
APPROVED

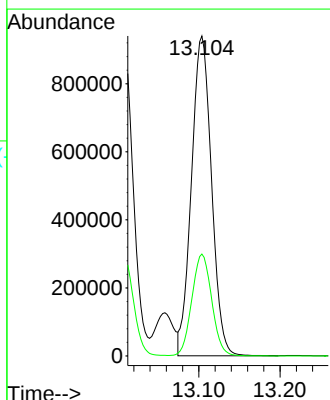
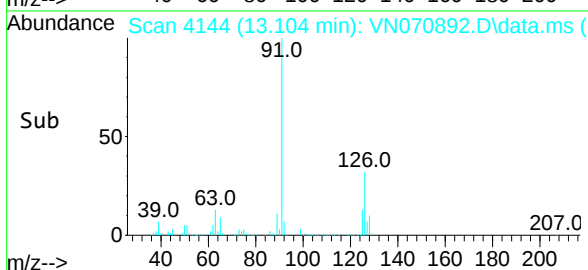
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

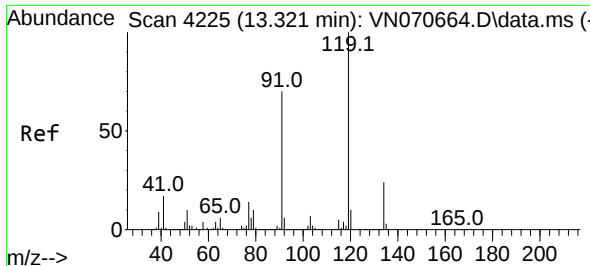


#82
4-Chlorotoluene
Concen: 46.805 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



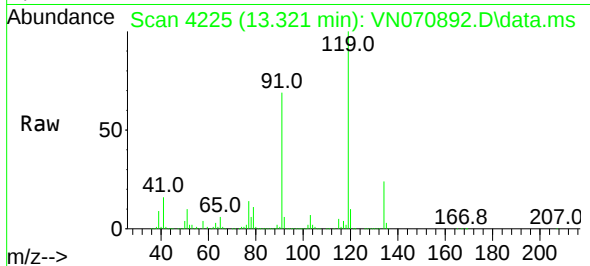
Tgt Ion: 91 Resp: 1606410
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.726 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

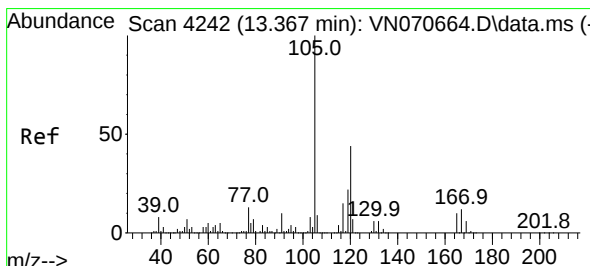
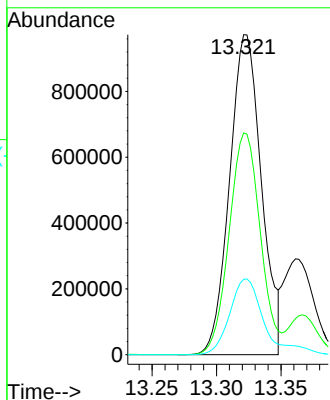
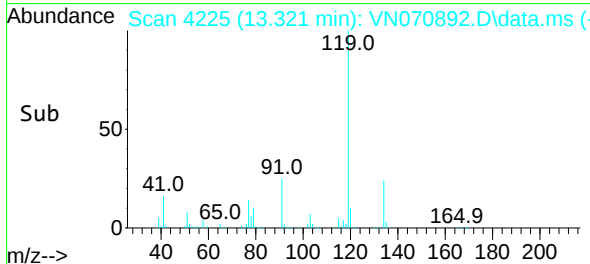
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



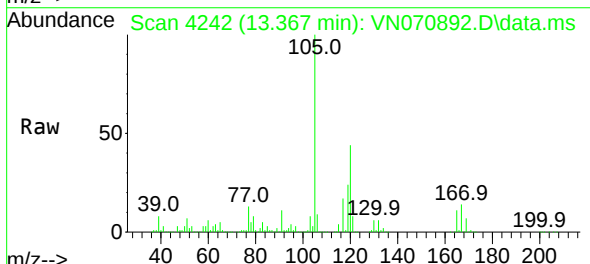
Tgt Ion:119 Resp: 1671370
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 25.7 12.4 37.4

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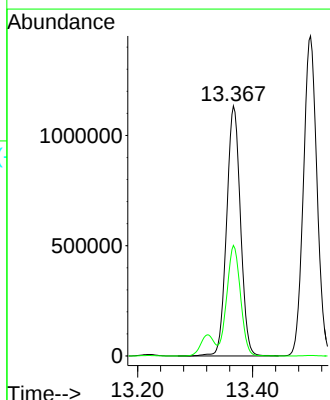
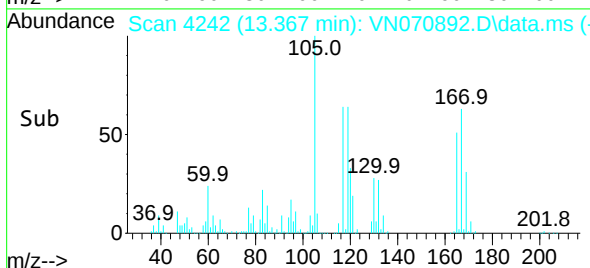
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

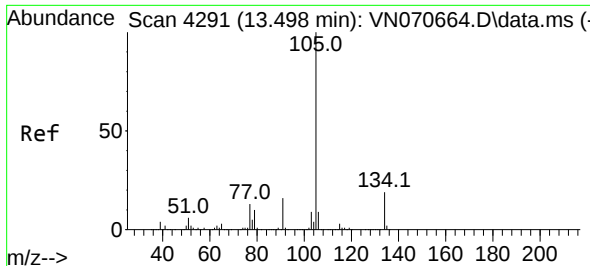


#84
1,2,4-Trimethylbenzene
Concen: 46.978 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



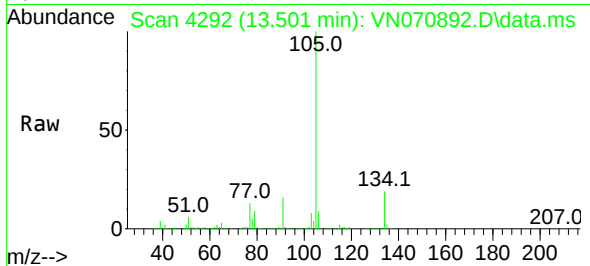
Tgt Ion:105 Resp: 1896160
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 47.652 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. 0.003 min
 Lab File: VN070892.D
 Acq: 2 Feb 2022 14:11

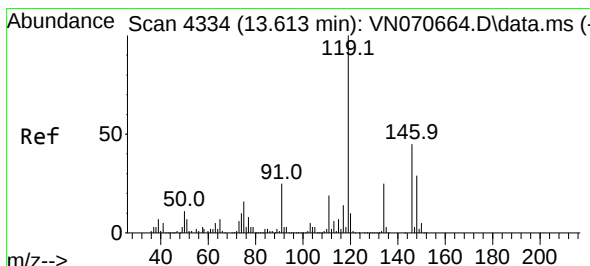
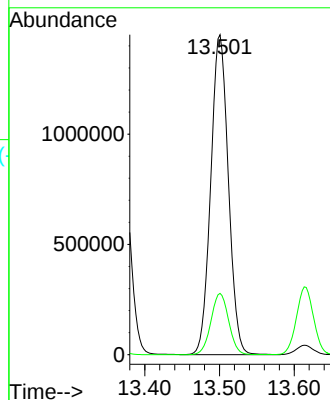
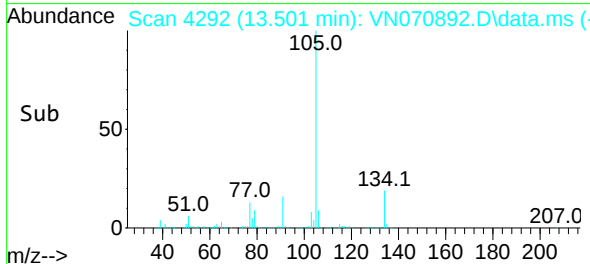
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



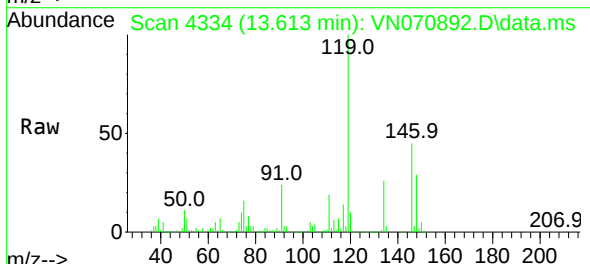
Tgt Ion:105 Resp: 236794
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

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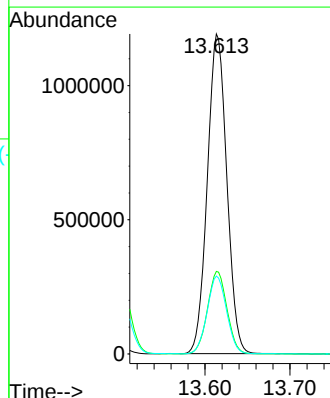
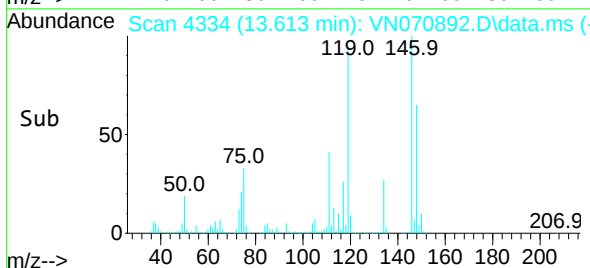
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

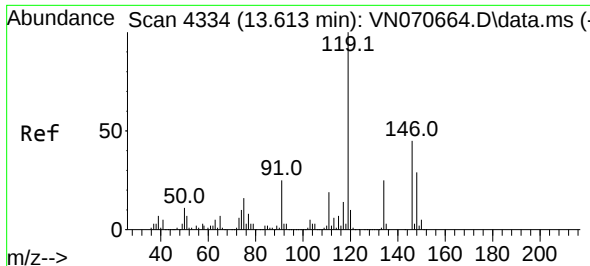


#86
 p-Isopropyltoluene
 Concen: 48.499 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070892.D
 Acq: 2 Feb 2022 14:11



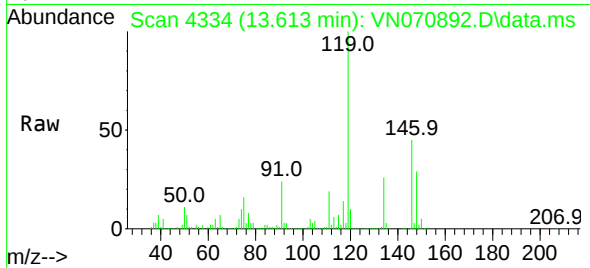
Tgt Ion:119 Resp: 1893205
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 24.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.227 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

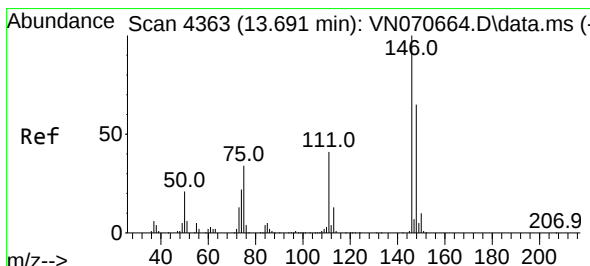
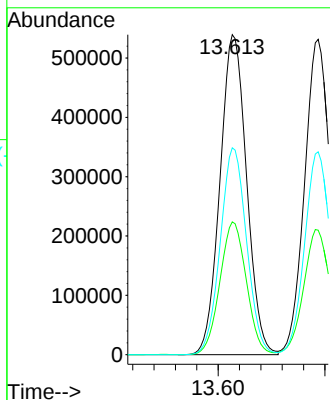
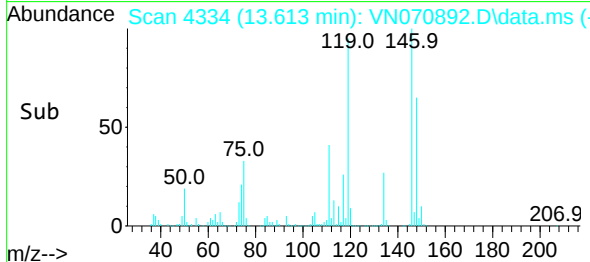
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



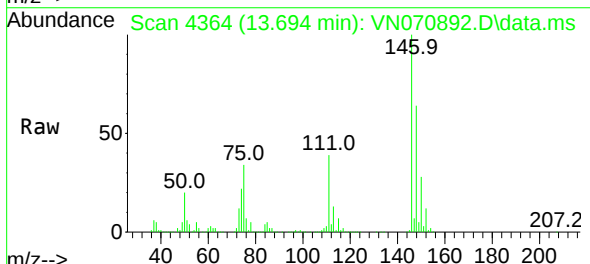
Tgt Ion:146 Resp: 93398
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 64.0 31.6 95.0

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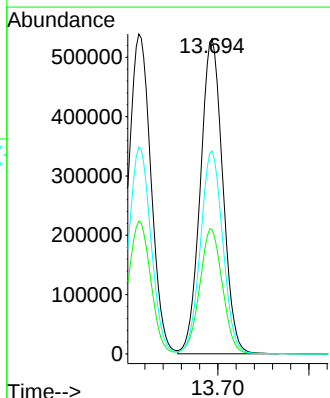
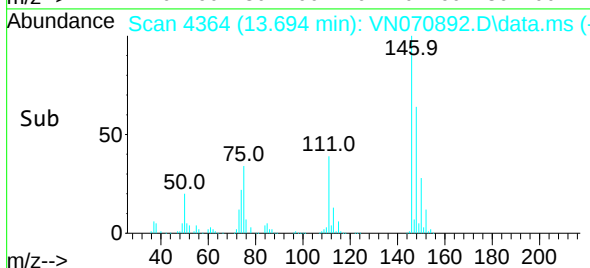
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

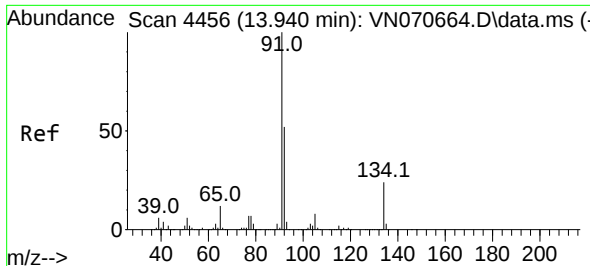


#88
1,4-Dichlorobenzene
Concen: 46.947 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



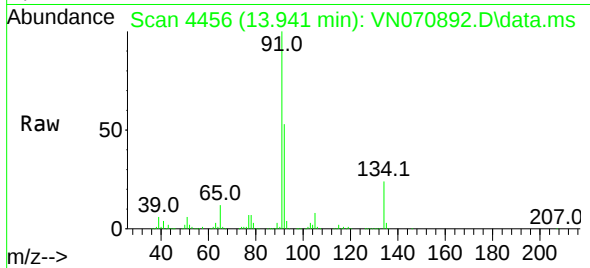
Tgt Ion:146 Resp: 904804
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 50.183 ug/l
RT: 13.941 min Scan# 4456
Delta R.T. 0.001 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

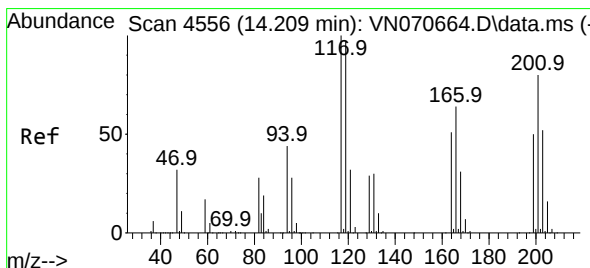
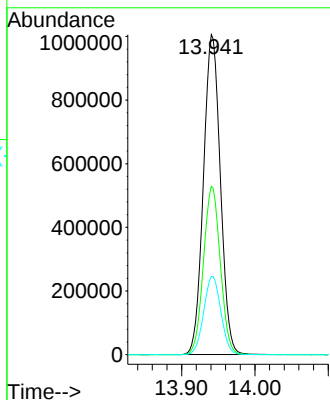
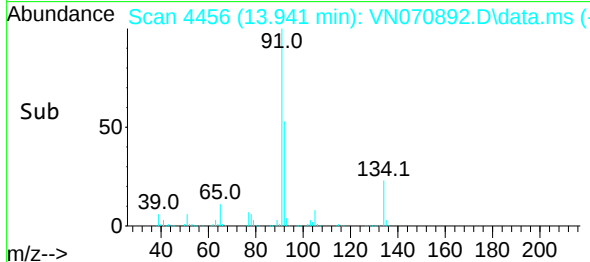
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 161607
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 24.8 13.6 40.8

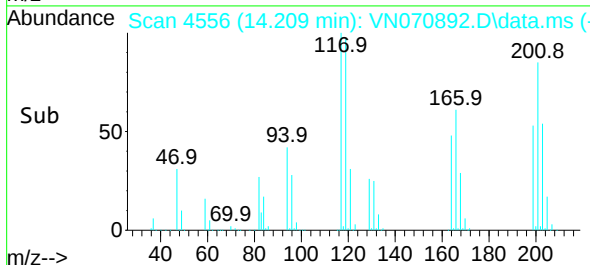
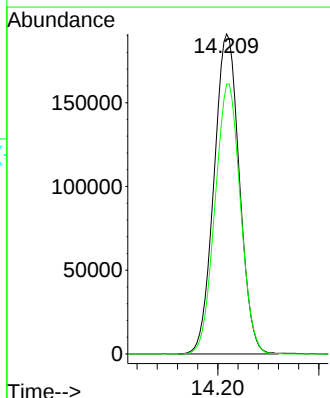
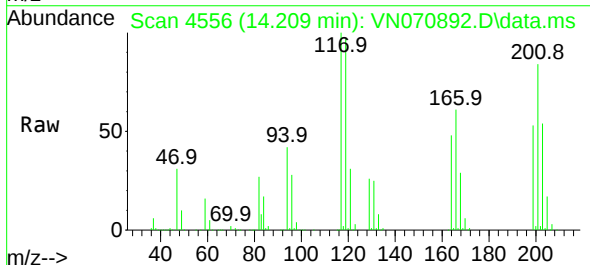
Manual Integrations
APPROVED

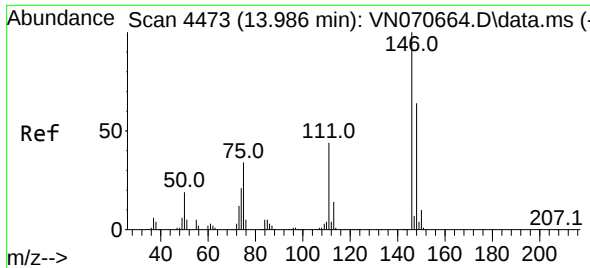
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 48.717 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

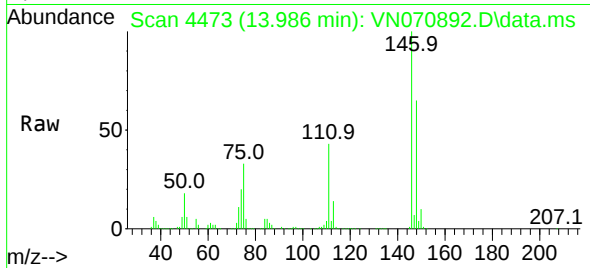
Tgt Ion:117 Resp: 332423
Ion Ratio Lower Upper
117 100
201 84.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.105 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

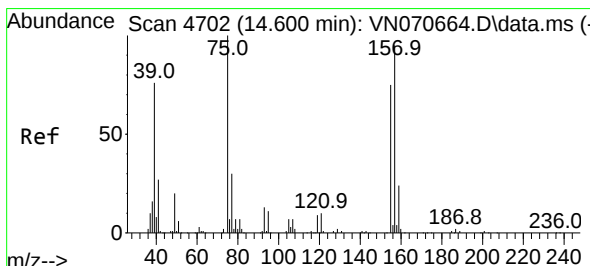
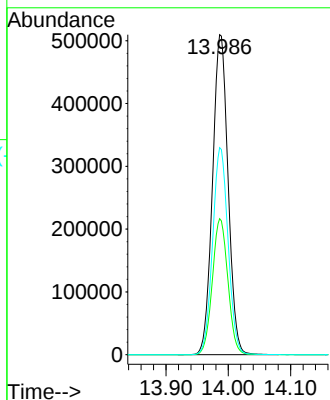
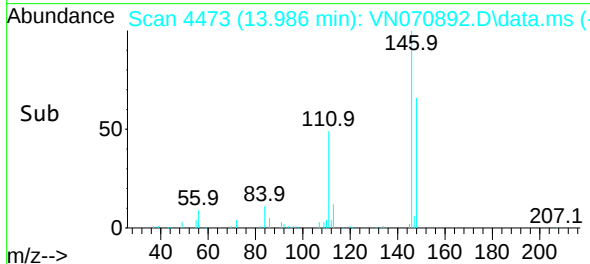
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



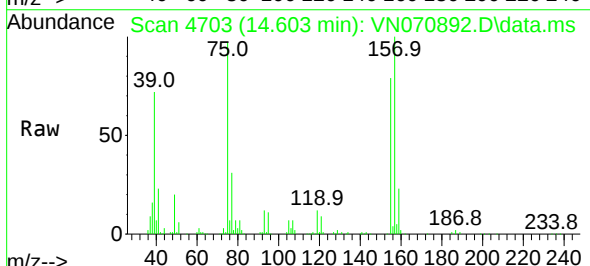
Tgt Ion:146 Resp: 882172
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 64.5 32.1 96.3

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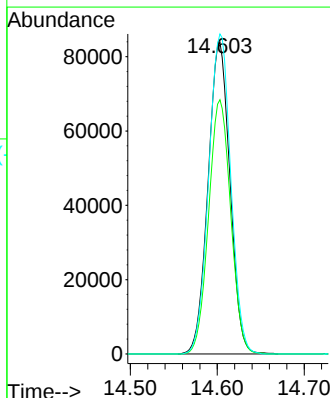
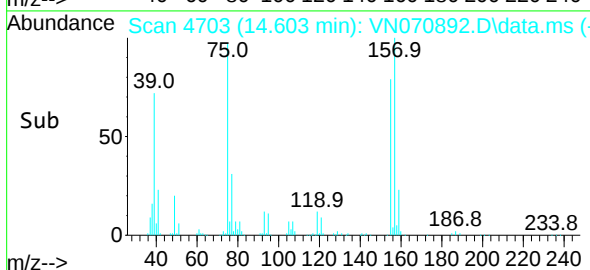
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

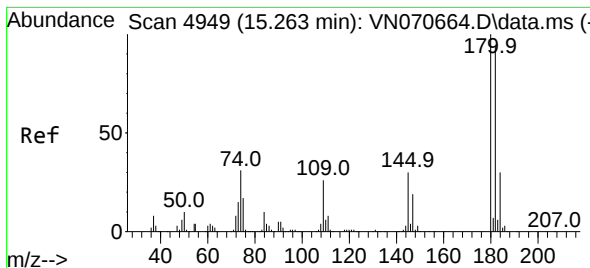


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.440 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11



Tgt Ion: 75 Resp: 147066
Ion Ratio Lower Upper
75 100
155 82.1 46.9 140.7
157 103.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 56.692 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070892.D

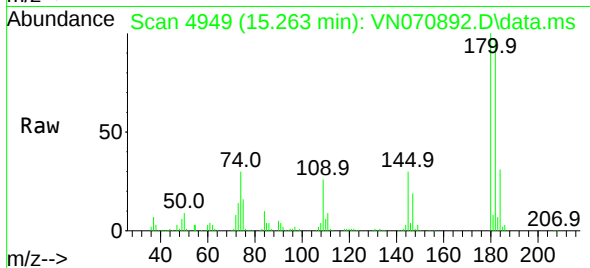
Acq: 2 Feb 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



Tgt Ion:180 Resp: 48176

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.9

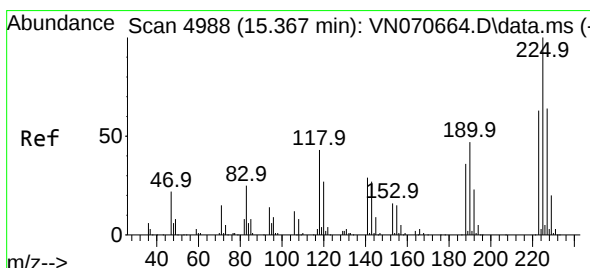
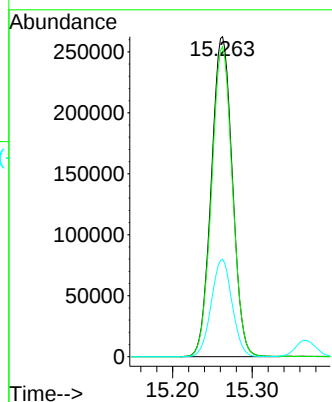
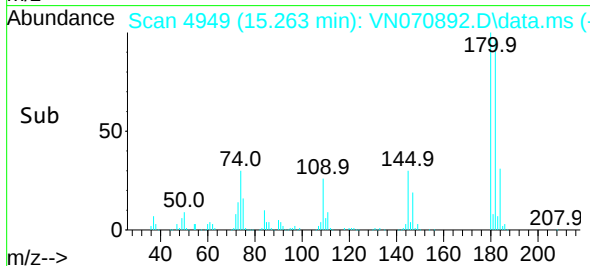
145 30.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#94

Hexachlorobutadiene

Concen: 52.178 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070892.D

Acq: 2 Feb 2022 14:11

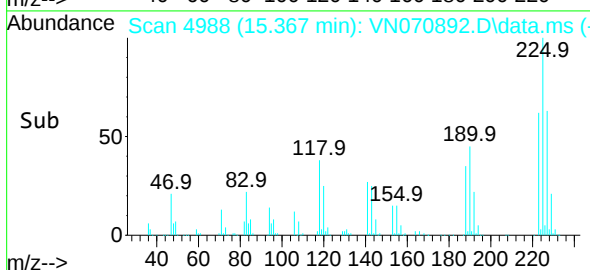
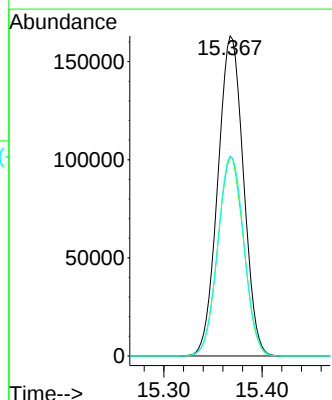
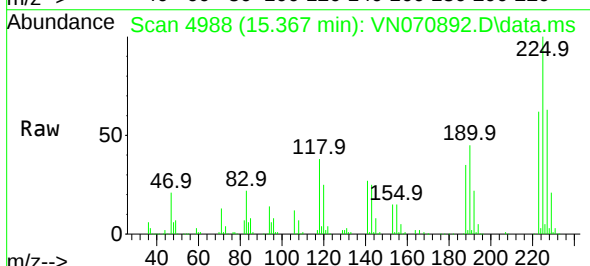
Tgt Ion:225 Resp: 295685

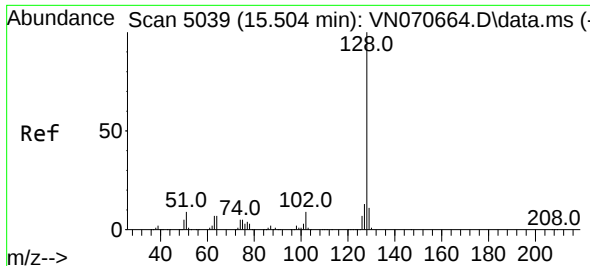
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.7

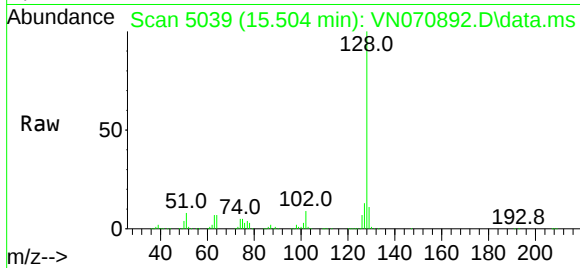
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 60.980 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

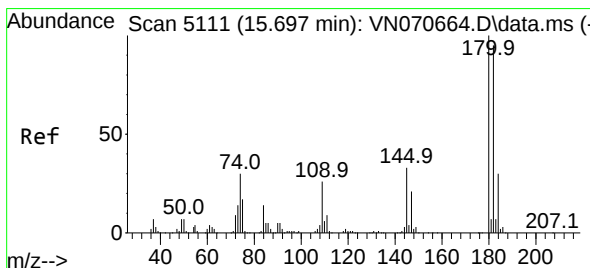
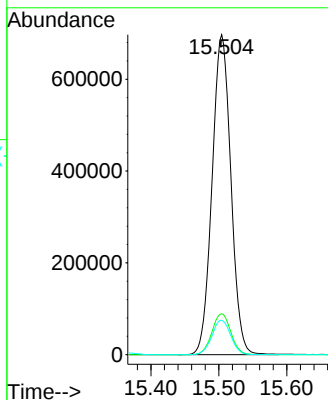
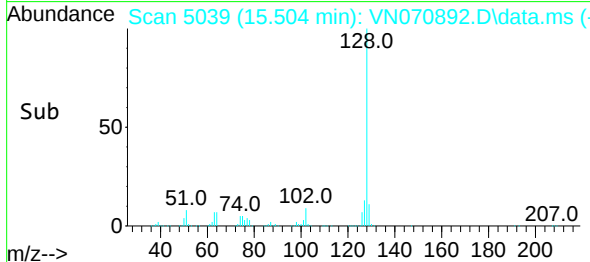
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 133922
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
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#96
1,2,3-Trichlorobenzene
Concen: 58.190 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070892.D
Acq: 2 Feb 2022 14:11

Tgt Ion:180 Resp: 471368
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 31.8 15.0 45.1

