

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070559.D
 Acq On : 11 Jan 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 05:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1012249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1629065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1519411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	679756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	639206	43.919	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.840%		
35) Dibromofluoromethane	8.019	113	484632	49.168	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.340%		
50) Toluene-d8	10.438	98	1955854	48.574	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.140%		
62) 4-Bromofluorobenzene	12.725	95	744385	51.185	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	468286	40.793	ug/l	100
3) Chloromethane	2.303	50	660359	42.288	ug/l	99
4) Vinyl Chloride	2.451	62	612542	43.084	ug/l	99
5) Bromomethane	2.858	94	343911	46.866	ug/l	99
6) Chloroethane	3.025	64	387308	45.236	ug/l	96
7) Trichlorofluoromethane	3.381	101	764033	44.648	ug/l	99
8) Diethyl Ether	3.824	74	355205	47.086	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	494355	47.232	ug/l	95
10) Methyl Iodide	4.425	142	665231	46.964	ug/l	96
11) Tert butyl alcohol	5.363	59	451031	186.119	ug/l	99
12) 1,1-Dichloroethene	4.183	96	469794	45.570	ug/l	92
13) Acrolein	4.039	56	353491	179.777	ug/l	99
14) Allyl chloride	4.840	41	1108247	47.414	ug/l #	84
15) Acrylonitrile	5.548	53	1727655	228.461	ug/l	98
16) Acetone	4.280	43	1922287	203.461	ug/l	97
17) Carbon Disulfide	4.532	76	1196140	42.506	ug/l	100
18) Methyl Acetate	4.851	43	1197723	43.825	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	1836516	47.969	ug/l	94
20) Methylene Chloride	5.095	84	581666	44.498	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	506647	46.415	ug/l	88
22) Diisopropyl ether	6.490	45	2254438	49.520	ug/l #	90
23) Vinyl Acetate	6.428	43	8526195	241.383	ug/l	94
24) 1,1-Dichloroethane	6.383	63	1110685	47.051	ug/l	98
25) 2-Butanone	7.329	43	2576924	216.619	ug/l	93
26) 2,2-Dichloropropane	7.321	77	857651	46.055	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	617060	47.377	ug/l	87
28) Bromochloromethane	7.654	49	557772	48.315	ug/l #	77
29) Tetrahydrofuran	7.678	42	1560722	219.893	ug/l	87
30) Chloroform	7.812	83	1048499	46.041	ug/l	99
31) Cyclohexane	8.091	56	1055653	45.964	ug/l	86
32) 1,1,1-Trichloroethane	8.011	97	852743	44.410	ug/l	97
36) 1,1-Dichloropropene	8.220	75	791653	48.551	ug/l	96
37) Ethyl Acetate	7.407	43	938811	44.419	ug/l	97
38) Carbon Tetrachloride	8.201	117	690481	44.347	ug/l	100
39) Methylcyclohexane	9.456	83	962690	48.768	ug/l	88
40) Benzene	8.456	78	2429674	48.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	527369	49.886	ug/l #	84
42) 1,2-Dichloroethane	8.525	62	844457	44.943	ug/l	100
43) Isopropyl Acetate	8.555	43	1546057	46.397	ug/l	96
44) Trichloroethene	9.212	130	562629	47.368	ug/l	90
45) 1,2-Dichloropropane	9.486	63	686563	51.010	ug/l	98
46) Dibromomethane	9.571	93	395835	47.296	ug/l	94
47) Bromodichloromethane	9.756	83	803460	48.348	ug/l	99
48) Methyl methacrylate	9.555	41	762510	47.973	ug/l #	80
49) 1,4-Dioxane	9.563	88	192671	828.097	ug/l #	81
51) 4-Methyl-2-Pentanone	10.325	43	4866977	232.441	ug/l	98
52) Toluene	10.502	92	1499244	49.549	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	914043	50.807	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	1010322	51.914	ug/l	99
55) 1,1,2-Trichloroethane	10.894	97	587128	49.042	ug/l	98
56) Ethyl methacrylate	10.757	69	994873	50.293	ug/l	88
57) 1,3-Dichloropropane	11.041	76	1051786	49.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1236367	245.082	ug/l	90
59) 2-Hexanone	11.081	43	3706569	242.745	ug/l	95
60) Dibromochloromethane	11.234	129	584756	50.061	ug/l	99
61) 1,2-Dibromoethane	11.342	107	581030	47.798	ug/l	99
64) Tetrachloroethene	10.974	164	505824	45.973	ug/l	96
65) Chlorobenzene	11.765	112	1555898	48.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	549565	47.751	ug/l	98
67) Ethyl Benzene	11.840	91	2931291	49.625	ug/l	95
68) m/p-Xylenes	11.948	106	2165488	100.714	ug/l	93
69) o-Xylene	12.278	106	1084750	50.721	ug/l	93
70) Styrene	12.291	104	1793924	52.998	ug/l	97
71) Bromoform	12.455	173	417669	48.899	ug/l #	100
73) Isopropylbenzene	12.575	105	2835108	44.912	ug/l	98
74) N-amyl acetate	12.385	43	1184565	44.630	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	908091	43.300	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	907526m	45.365	ug/l	
77) Bromobenzene	12.857	156	648748	44.764	ug/l	79
78) n-propylbenzene	12.916	91	3334561	47.676	ug/l	96
79) 2-Chlorotoluene	13.002	91	2022692	45.072	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2349737	46.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	269895	48.510	ug/l	91
82) 4-Chlorotoluene	13.101	91	1977111	47.033	ug/l	92
83) tert-Butylbenzene	13.318	119	2027204	45.512	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	2310721	47.438	ug/l	98
85) sec-Butylbenzene	13.498	105	2885405	47.713	ug/l	97
86) p-Isopropyltoluene	13.613	119	2325920	48.962	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	1158861	47.766	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1130131	47.223	ug/l	97
89) n-Butylbenzene	13.938	91	1963414	49.552	ug/l	97
90) Hexachloroethane	14.206	117	369309	44.750	ug/l	92
91) 1,2-Dichlorobenzene	13.983	146	1107676	46.573	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.597	75	146626	40.097	ug/l	83
93) 1,2,4-Trichlorobenzene	15.260	180	547907	48.892	ug/l	98
94) Hexachlorobutadiene	15.364	225	325246	49.938	ug/l	100
95) Naphthalene	15.501	128	1288861	41.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.694	180	506546	47.301	ug/l	98

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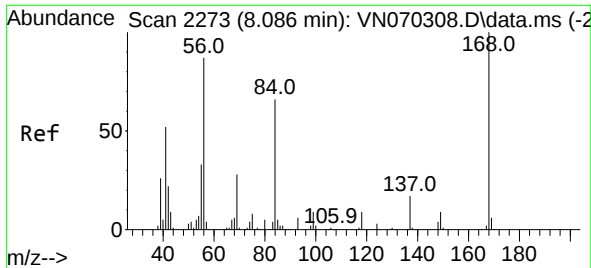
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/12/2022

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



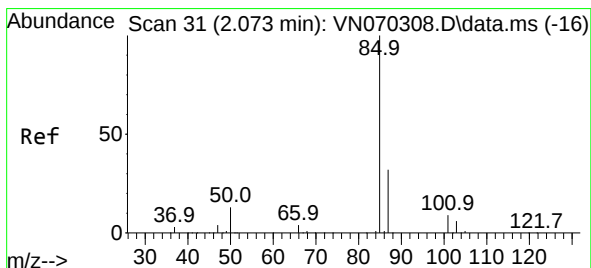
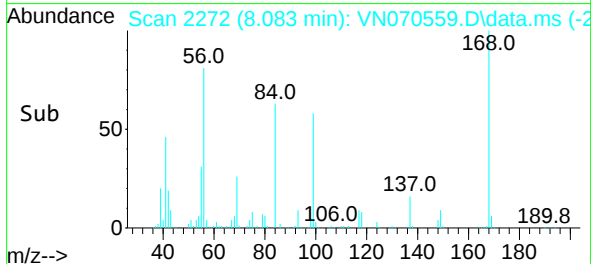
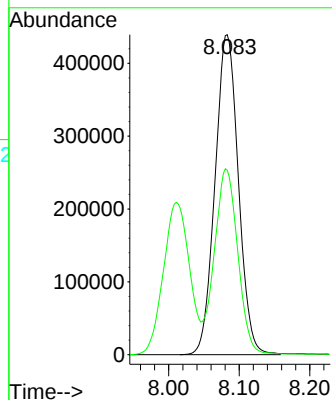
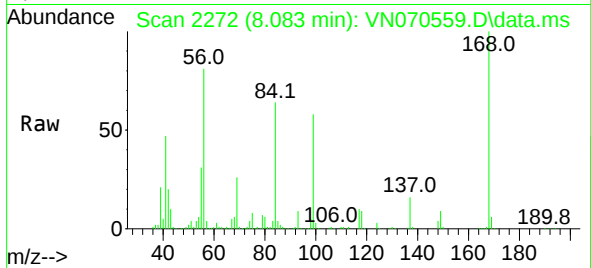
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070559.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 1012249
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9

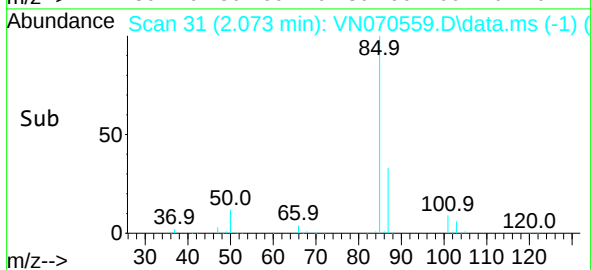
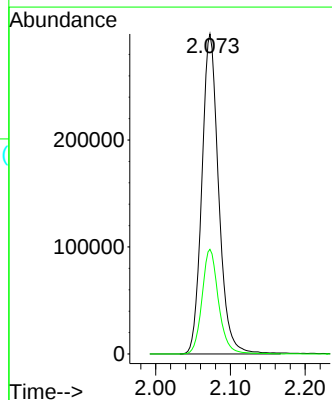
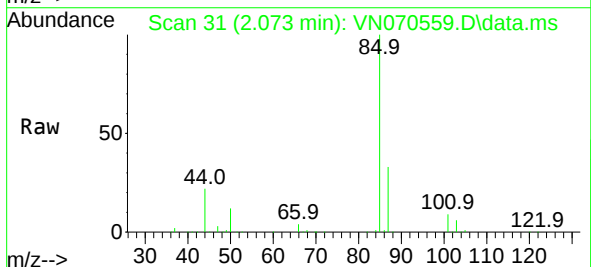
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#2
Dichlorodifluoromethane
Concen: 40.793 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

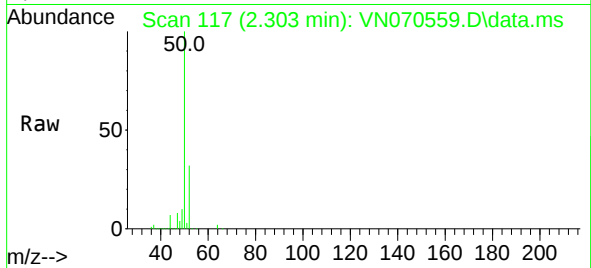
Tgt Ion: 85 Resp: 468286
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





#3
Chloromethane
Concen: 42.288 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

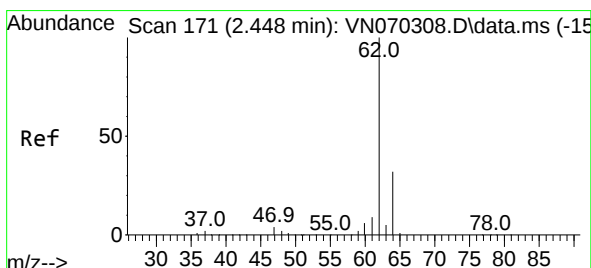
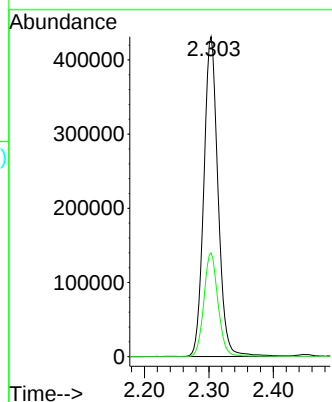
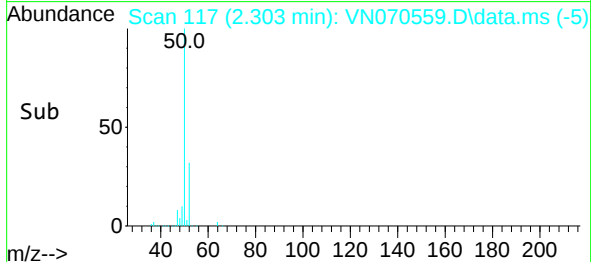
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VSTDCCC050



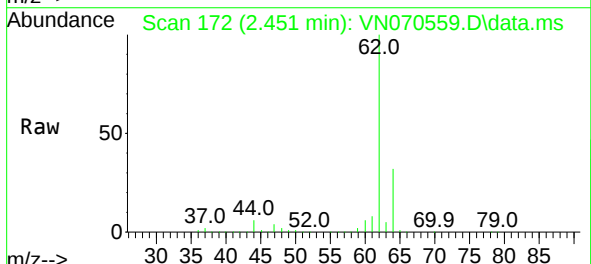
Tgt Ion: 50 Resp: 660359
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

Manual Integrations
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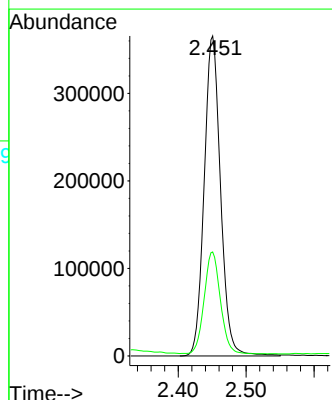
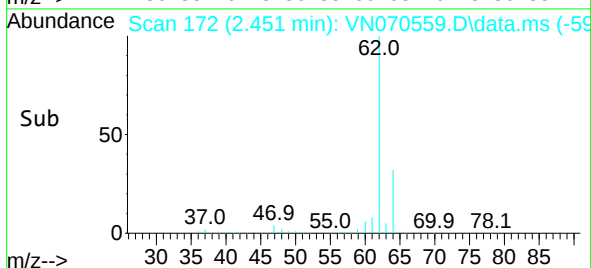
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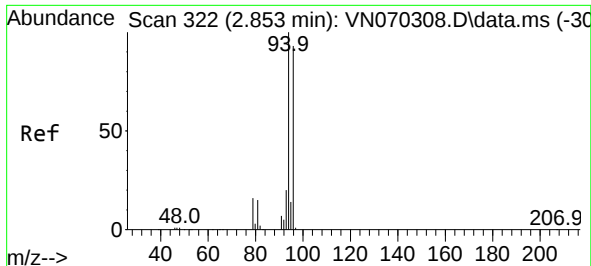


#4
Vinyl Chloride
Concen: 43.084 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070559.D
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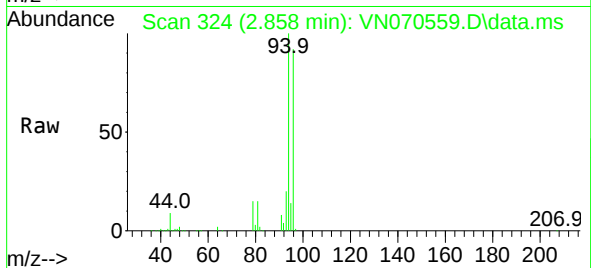
Tgt Ion: 62 Resp: 612542
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 46.866 ug/l
RT: 2.858 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

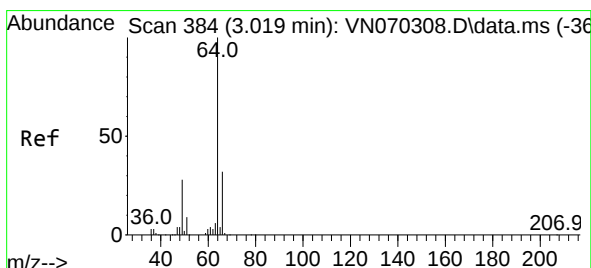
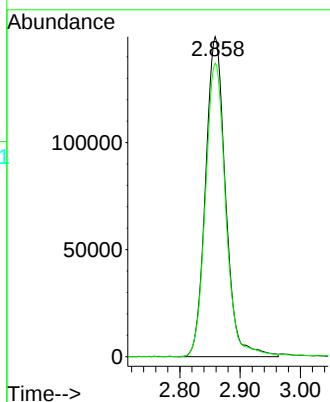
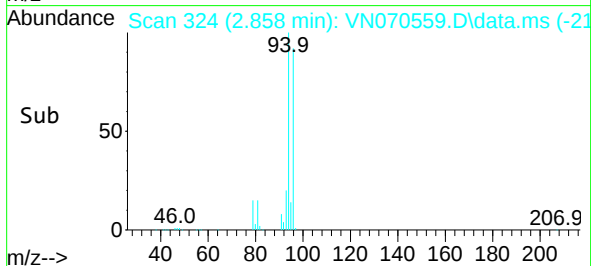
Instrument :
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Tgt Ion: 94 Resp: 34391
Ion Ratio Lower Upper
94 100
96 91.7 73.8 110.8

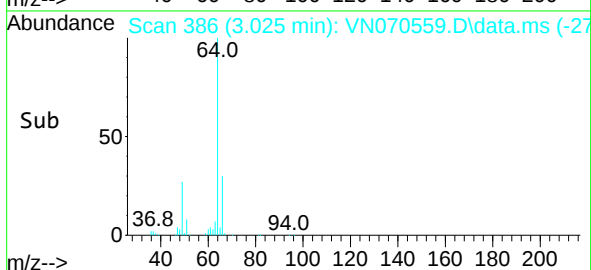
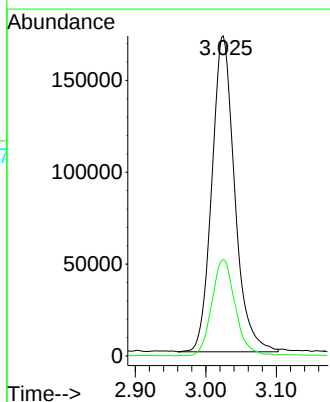
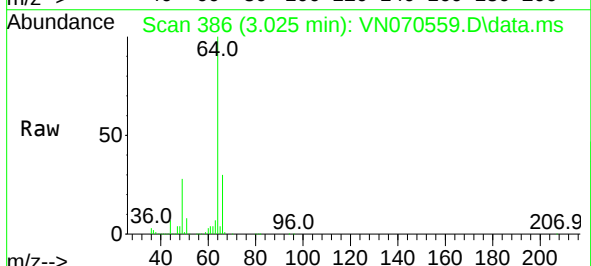
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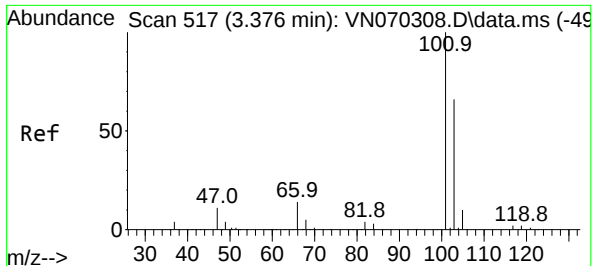
Reviewed By :John Carlone 01/12/2022
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#6
Chloroethane
Concen: 45.236 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.006 min
Lab File: VN070559.D
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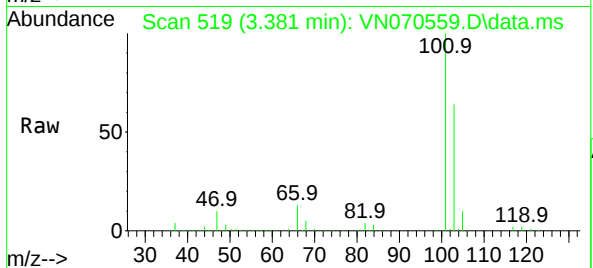
Tgt Ion: 64 Resp: 387308
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 44.648 ug/l
 RT: 3.381 min Scan# 517
 Delta R.T. 0.005 min
 Lab File: VN070559.D
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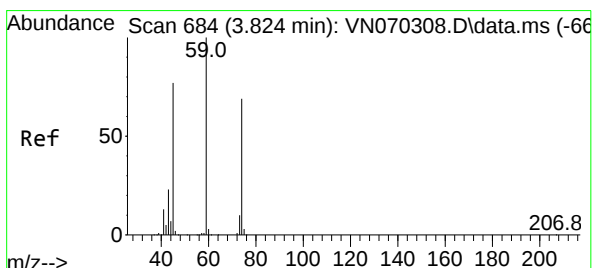
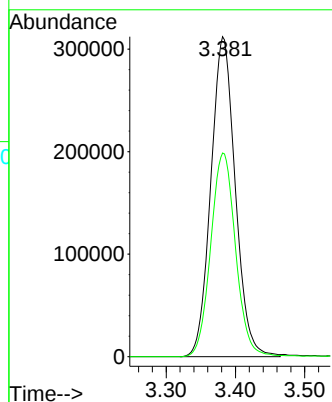
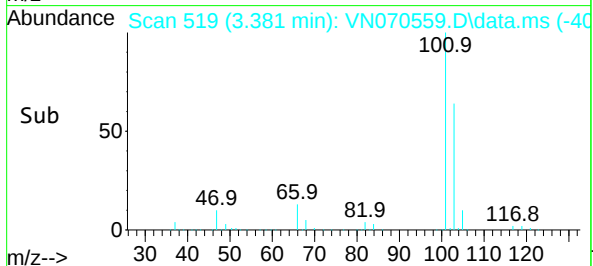
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 76403
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1

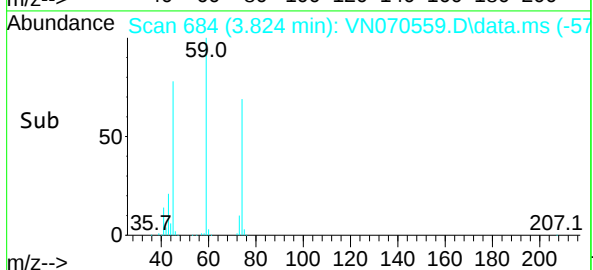
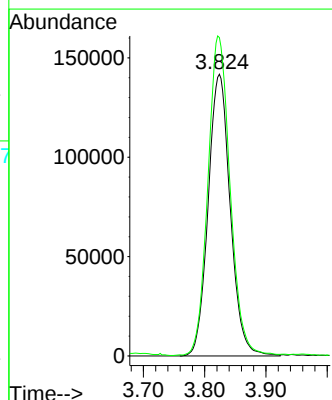
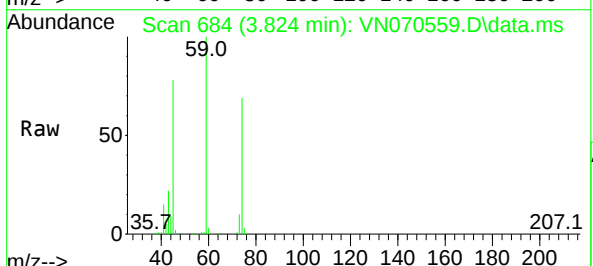
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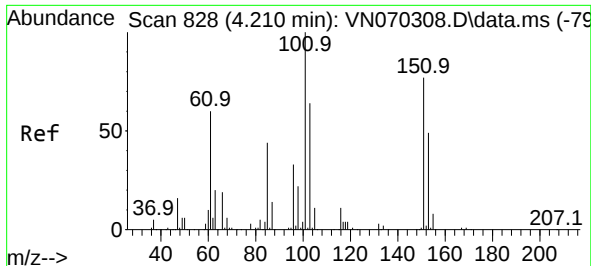
Reviewed By :John Carlone 01/12/2022
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#8
 Diethyl Ether
 Concen: 47.086 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.000 min
 Lab File: VN070559.D
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Tgt Ion: 74 Resp: 355205
 Ion Ratio Lower Upper
 74 100
 45 113.8 47.0 141.2





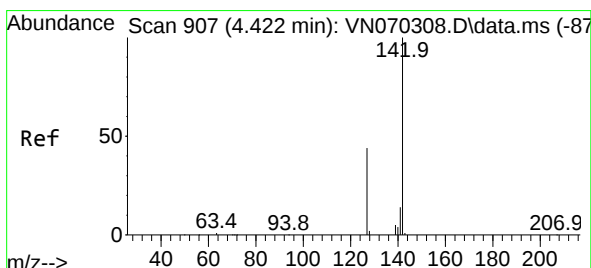
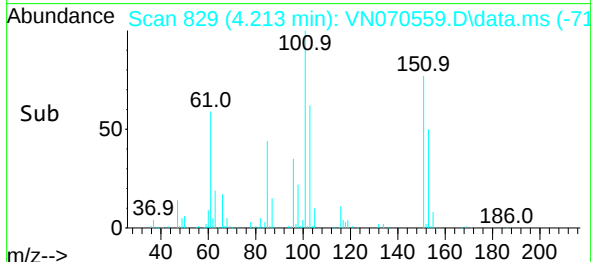
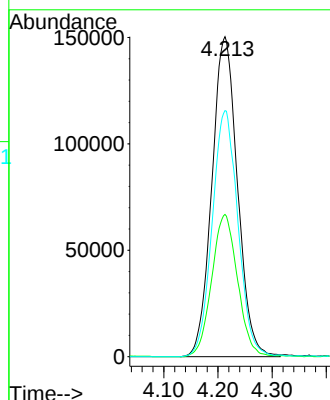
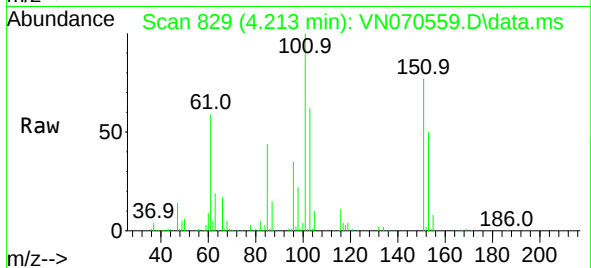
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.232 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 49435
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 77.2 65.9 98.9

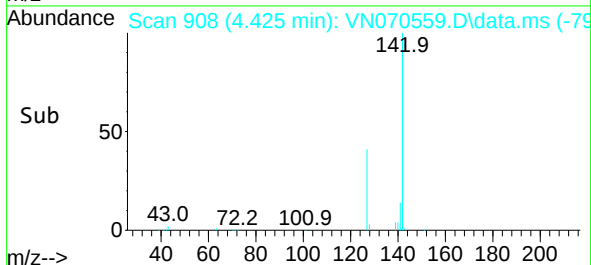
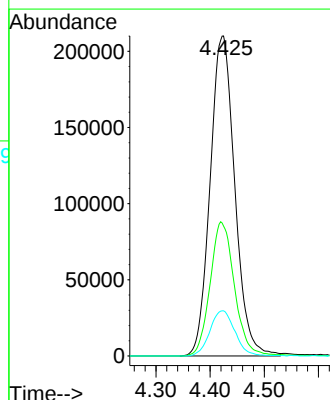
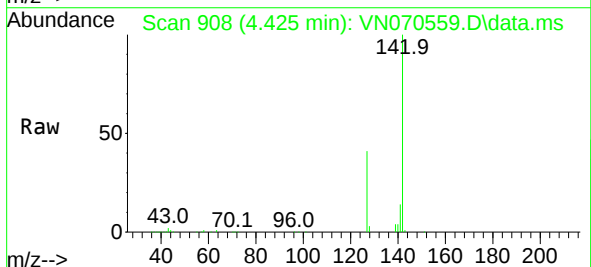
Manual Integrations
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Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 46.964 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

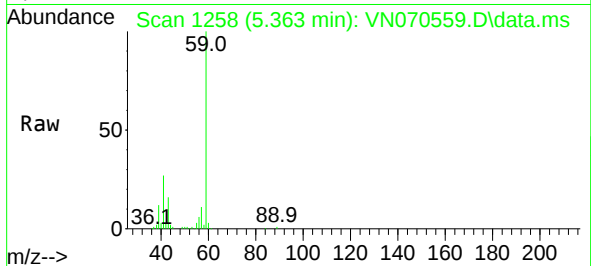
Tgt Ion:142 Resp: 665231
Ion Ratio Lower Upper
142 100
127 41.2 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 186.119 ug/l
RT: 5.363 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

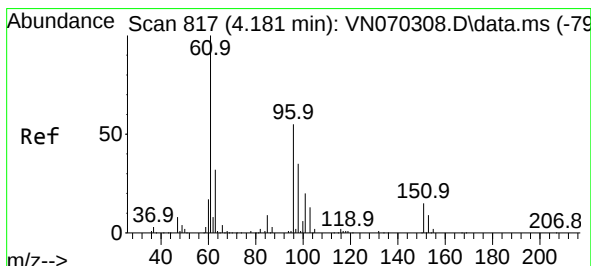
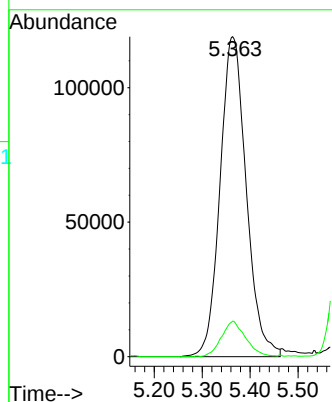
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



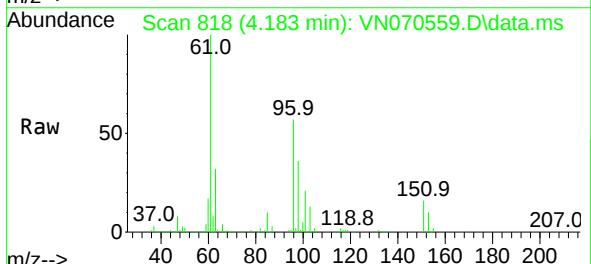
Tgt Ion: 59 Resp: 45103
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
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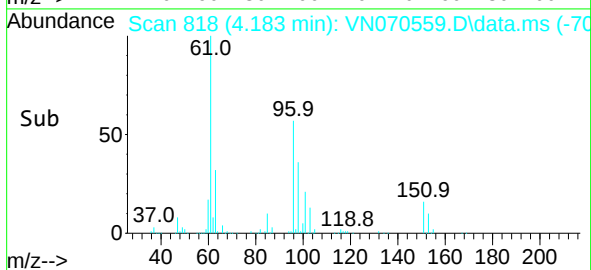
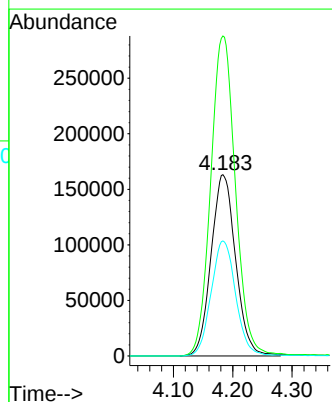
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

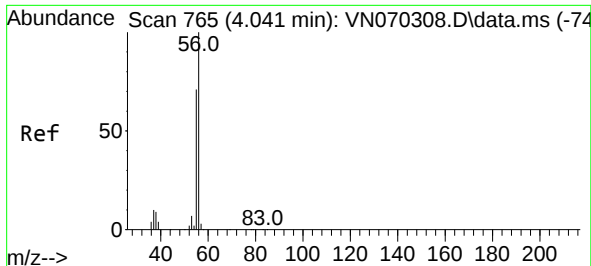


#12
1,1-Dichloroethene
Concen: 45.570 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



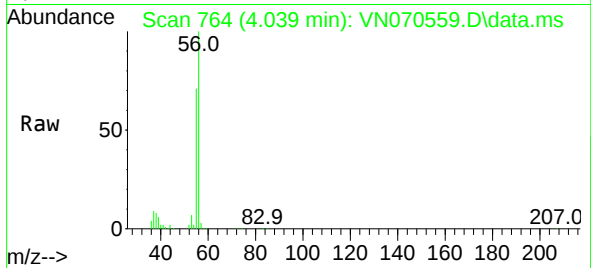
Tgt Ion: 96 Resp: 469794
Ion Ratio Lower Upper
96 100
61 176.5 131.0 196.6
98 63.5 52.4 78.6





#13
Acrolein
Concen: 179.777 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

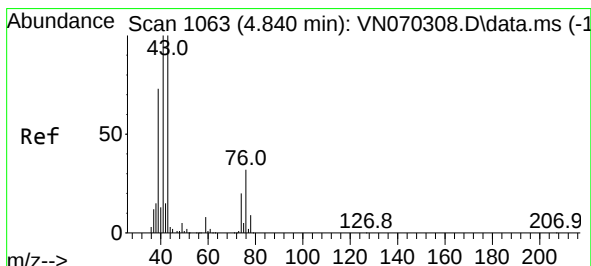
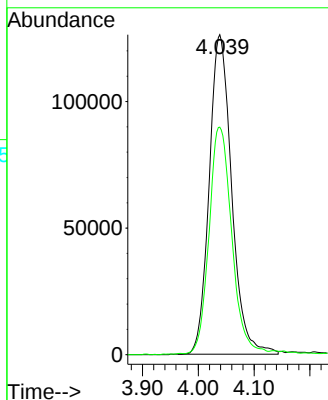
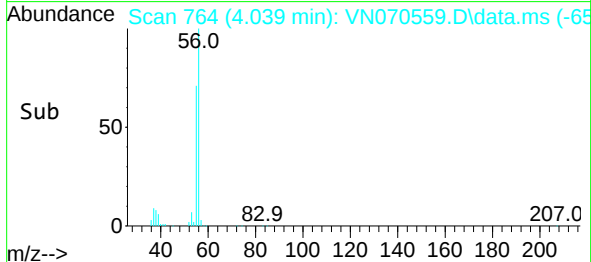
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



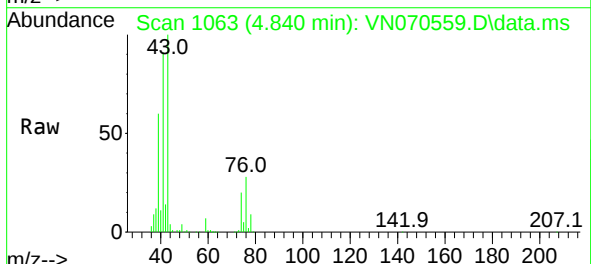
Tgt Ion: 56 Resp: 35349
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0

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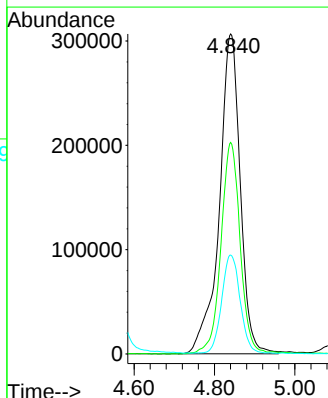
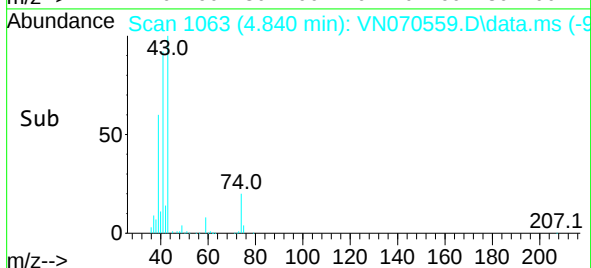
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

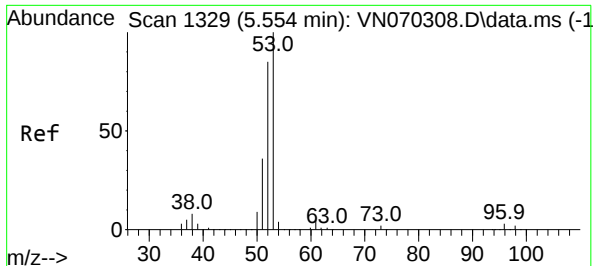


#14
Allyl chloride
Concen: 47.414 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



Tgt Ion: 41 Resp: 1108247
Ion Ratio Lower Upper
41 100
39 60.4 61.2 91.8#
76 26.9 26.0 39.0





#15

Acrylonitrile

Concen: 228.461 ug/l

RT: 5.548 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 172765

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

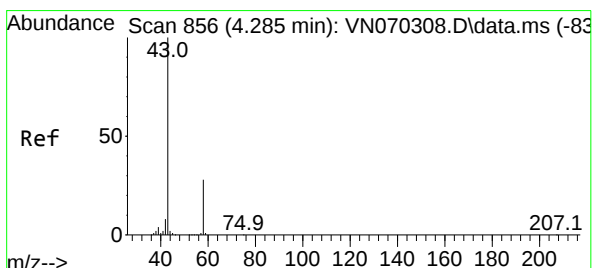
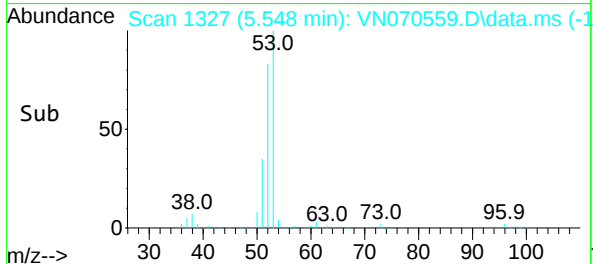
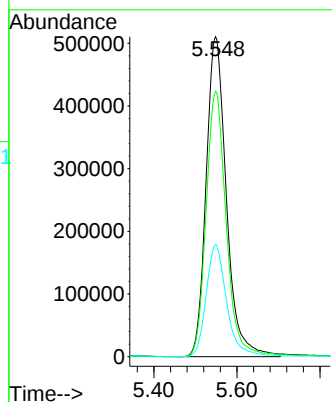
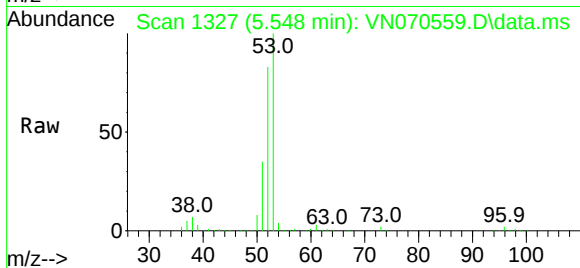
51 35.7 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#16

Acetone

Concen: 203.461 ug/l

RT: 4.280 min Scan# 854

Delta R.T. -0.005 min

Lab File: VN070559.D

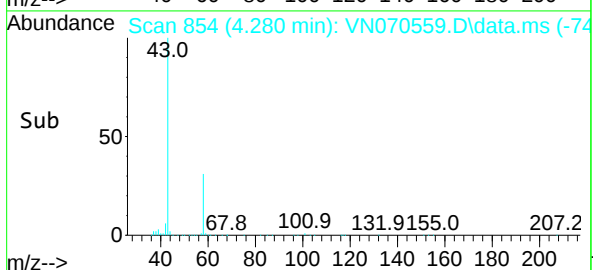
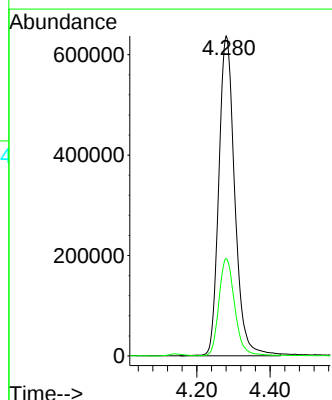
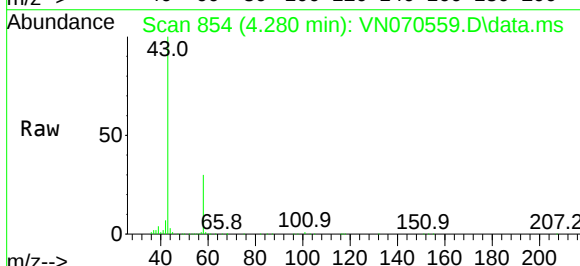
Acq: 11 Jan 2022 10:09

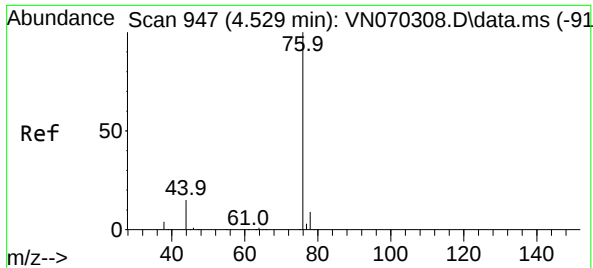
Tgt Ion: 43 Resp: 1922287

Ion Ratio Lower Upper

43 100

58 30.3 23.1 34.7





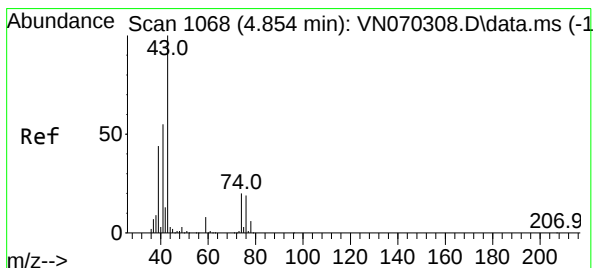
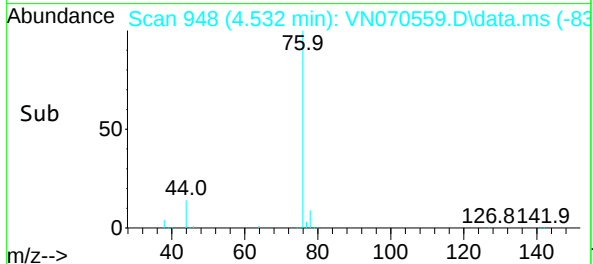
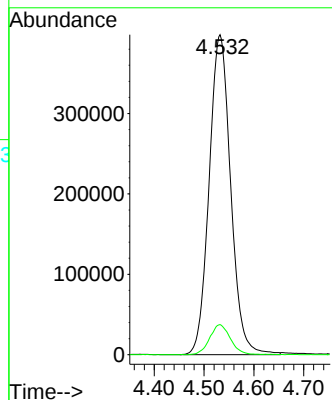
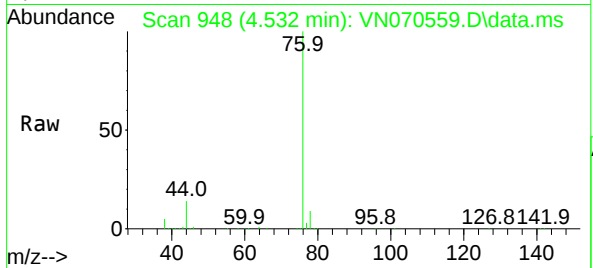
#17
Carbon Disulfide
Concen: 42.506 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 1196140
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

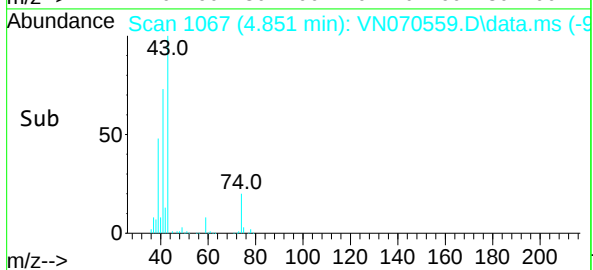
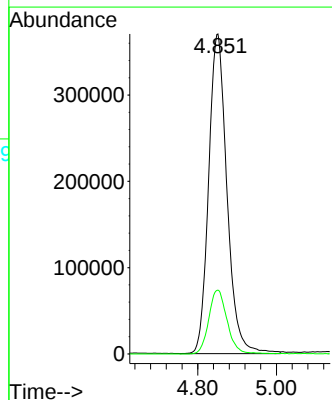
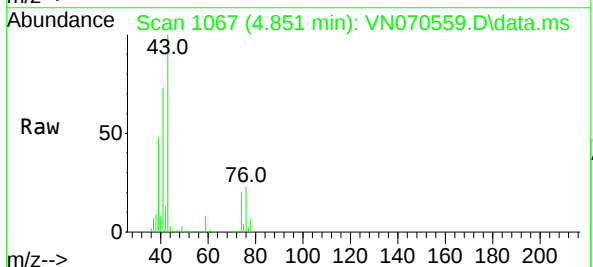
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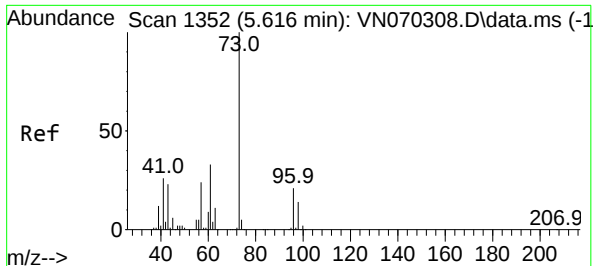
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#18
Methyl Acetate
Concen: 43.825 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 43 Resp: 1197723
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.969 ug/l

RT: 5.610 min Scan# 11350

Delta R.T. -0.006 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1836510

Ion Ratio Lower Upper

73 100

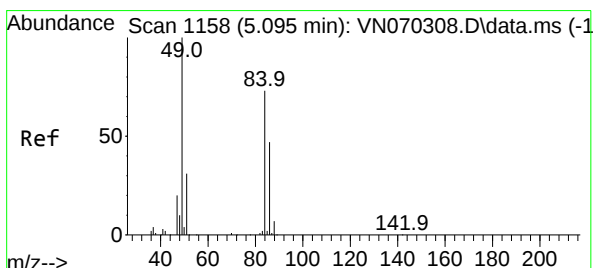
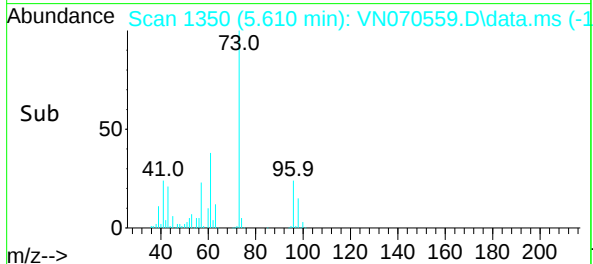
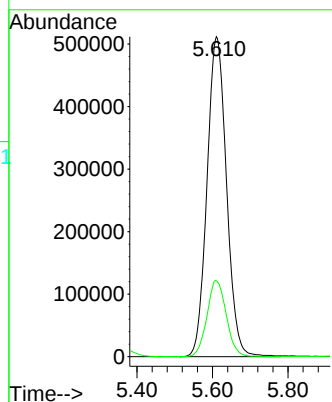
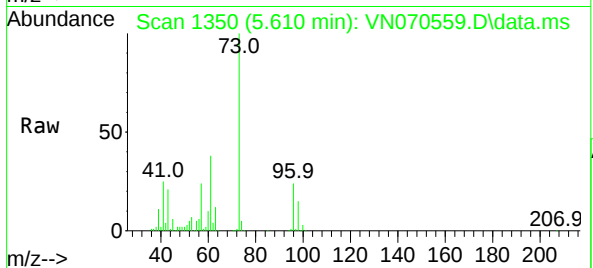
57 23.6 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#20

Methylene Chloride

Concen: 44.498 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Tgt Ion: 84 Resp: 581666

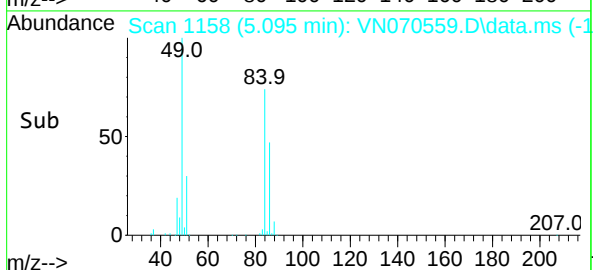
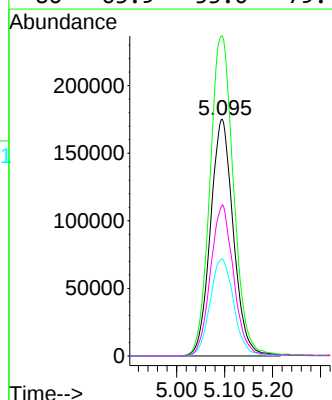
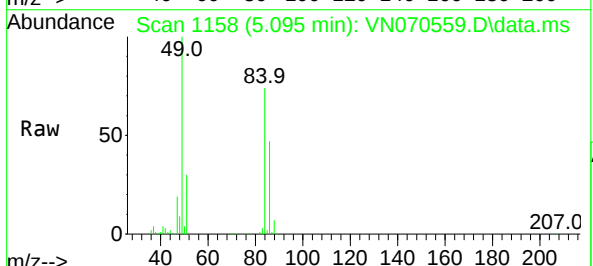
Ion Ratio Lower Upper

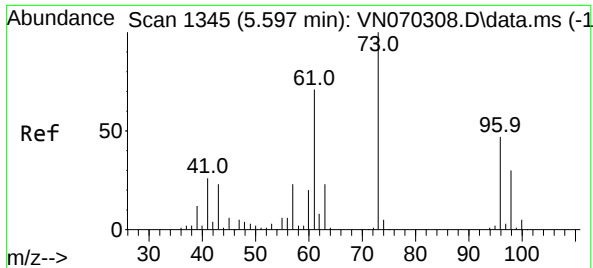
84 100

49 135.2 93.5 140.3

51 41.1 29.4 44.2

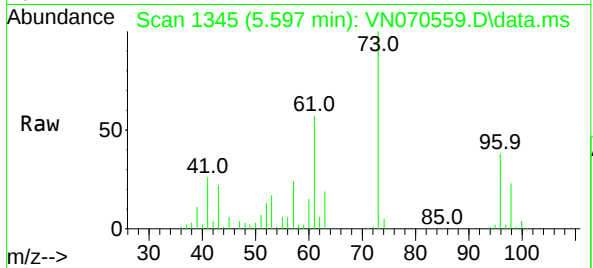
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.415 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

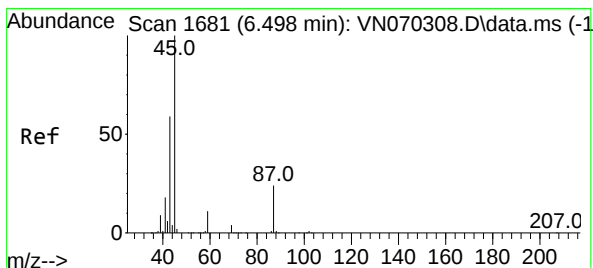
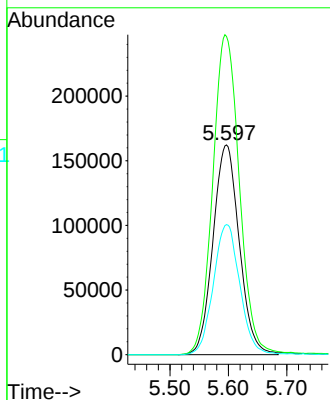
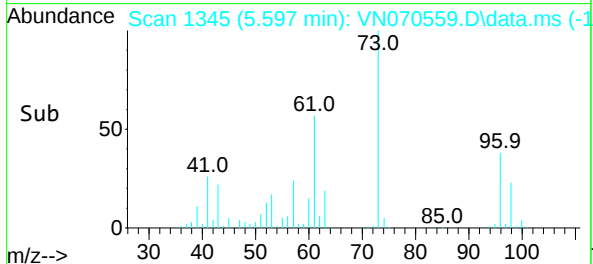
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



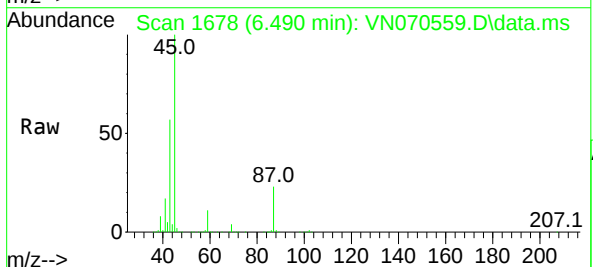
Tgt Ion: 96 Resp: 50664
Ion Ratio Lower Upper
96 100
61 151.7 105.8 158.6
98 62.0 52.0 78.0

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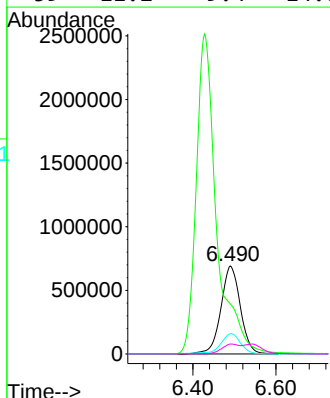
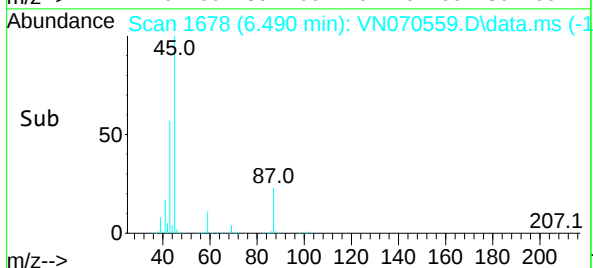
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

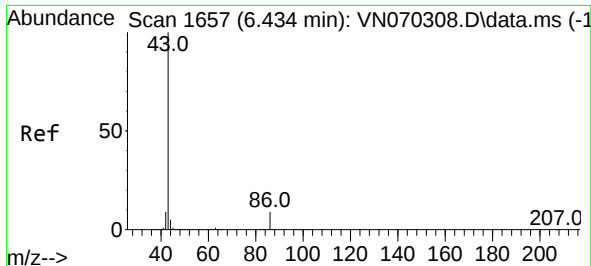


#22
Diisopropyl ether
Concen: 49.520 ug/l
RT: 6.490 min Scan# 1678
Delta R.T. -0.008 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



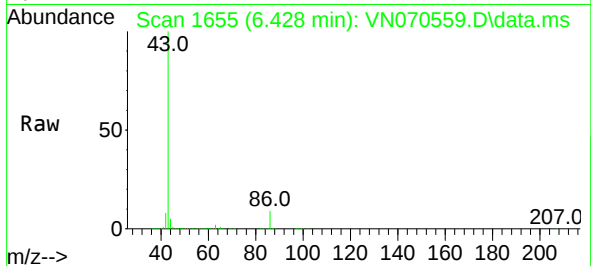
Tgt Ion: 45 Resp: 2254438
Ion Ratio Lower Upper
45 100
43 56.4 51.7 77.5
87 22.9 23.2 34.8#
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 241.383 ug/l
 RT: 6.428 min Scan# 1655
 Delta R.T. -0.006 min
 Lab File: VN070559.D
 Acq: 11 Jan 2022 10:09

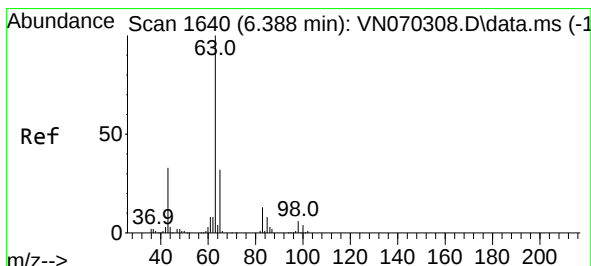
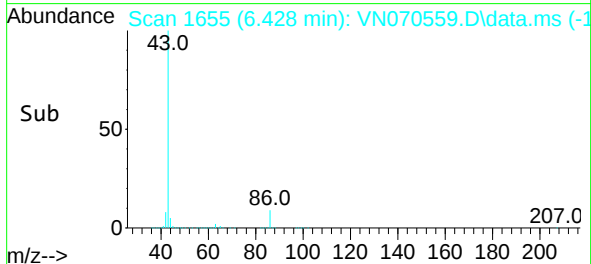
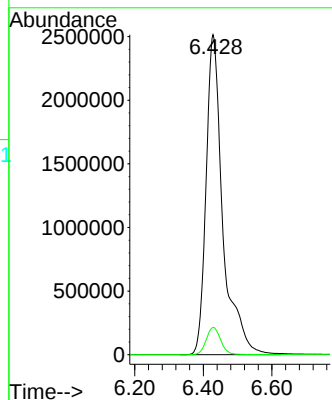
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 852619
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

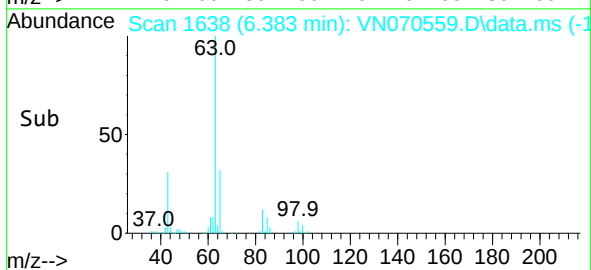
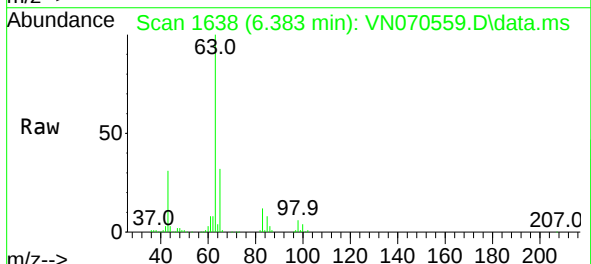
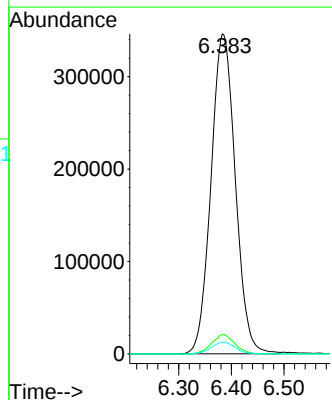
Manual Integrations
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Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#24
 1,1-Dichloroethane
 Concen: 47.051 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN070559.D
 Acq: 11 Jan 2022 10:09

Tgt Ion: 63 Resp: 1110685
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 216.619 ug/l

RT: 7.329 min Scan# 1993

Delta R.T. -0.006 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2576924

Ion Ratio Lower Upper

43 100

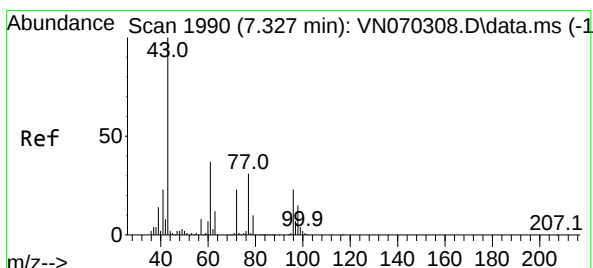
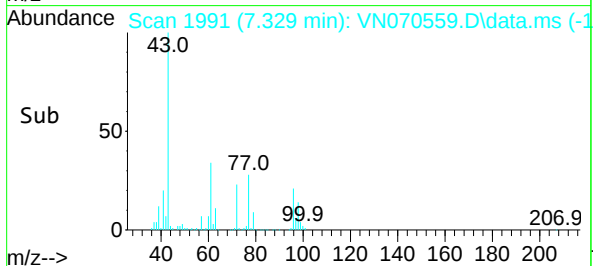
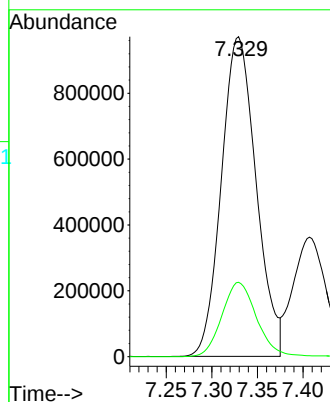
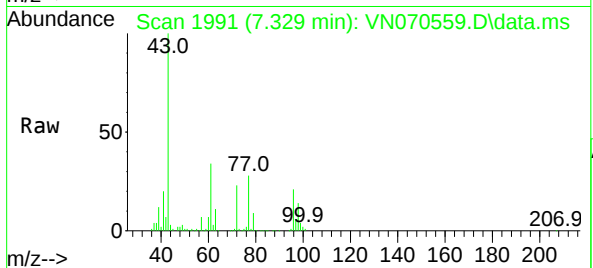
72 23.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#26

2,2-Dichloropropane

Concen: 46.055 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN070559.D

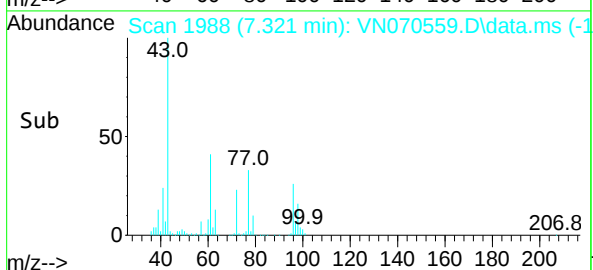
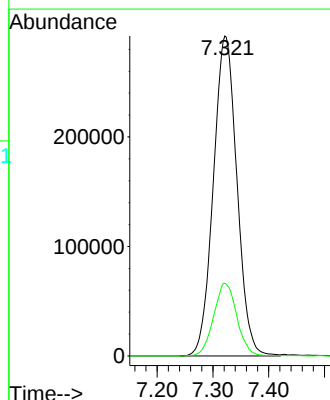
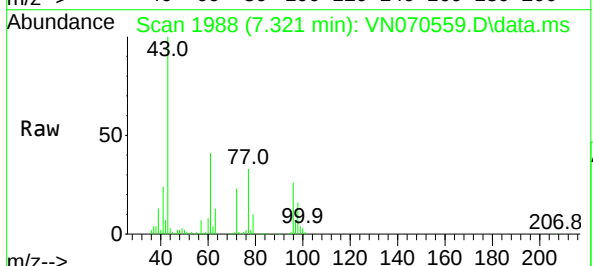
Acq: 11 Jan 2022 10:09

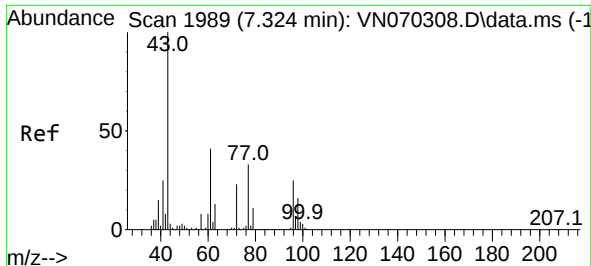
Tgt Ion: 77 Resp: 857651

Ion Ratio Lower Upper

77 100

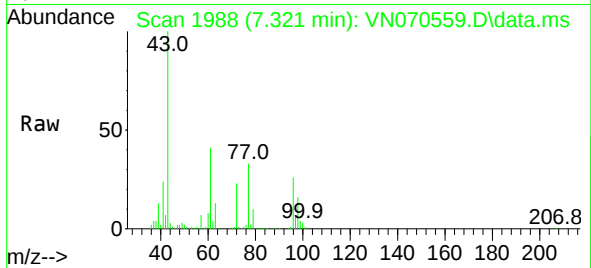
97 22.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 47.377 ug/l
RT: 7.321 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

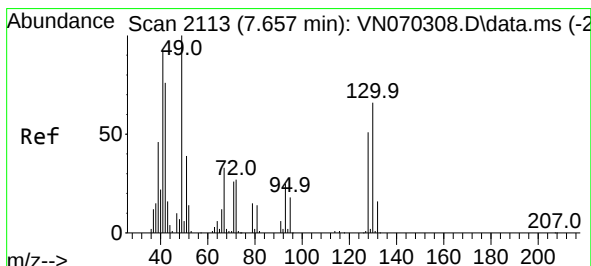
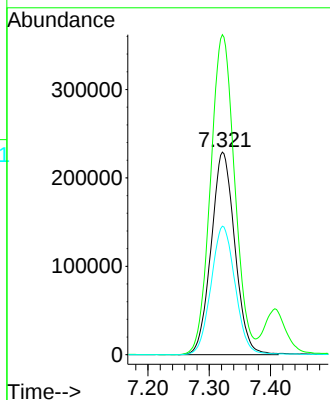
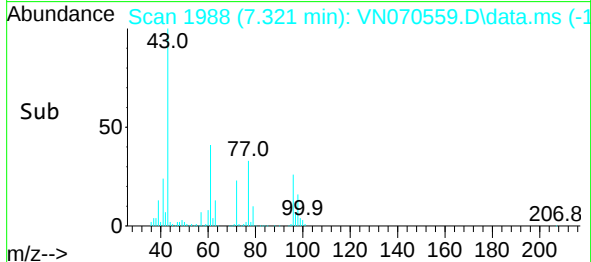
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 617060
Ion Ratio Lower Upper
96 100
61 160.7 0.0 275.0
98 64.4 0.0 129.6

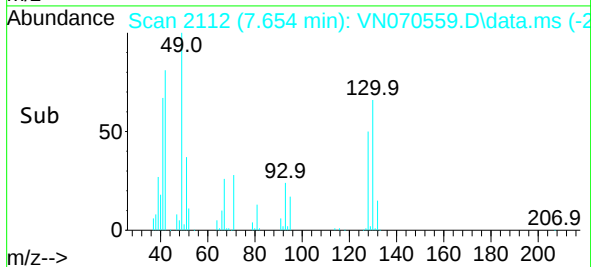
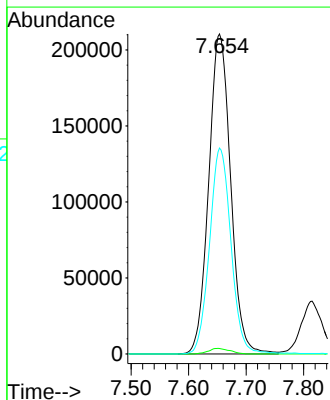
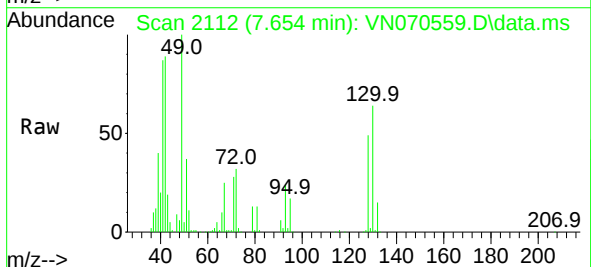
Manual Integrations
APPROVED

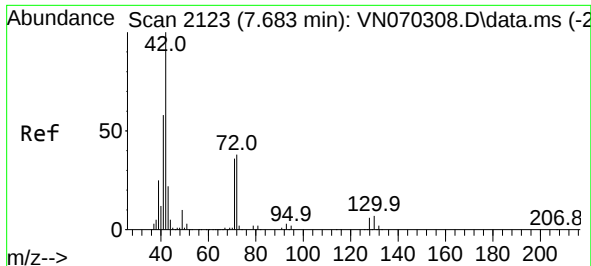
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#28
Bromochloromethane
Concen: 48.315 ug/l
RT: 7.654 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 49 Resp: 557772
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 63.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 219.893 ug/l

RT: 7.678 min Scan# 2121

Delta R.T. -0.005 min

Lab File: VN070559.D

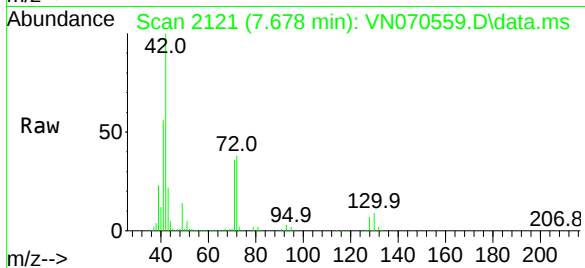
Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 156072

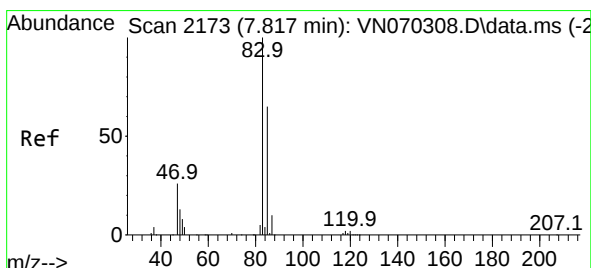
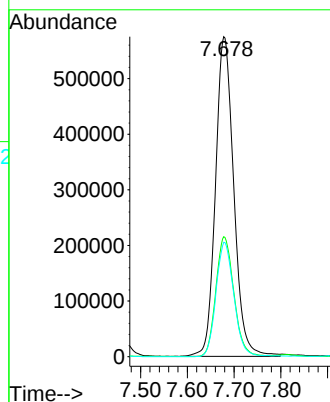
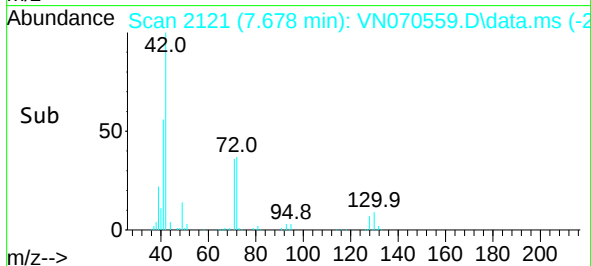
Ion	Ratio	Lower	Upper
42	100		
72	36.9	36.3	54.5
71	35.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 46.041 ug/l

RT: 7.812 min Scan# 2171

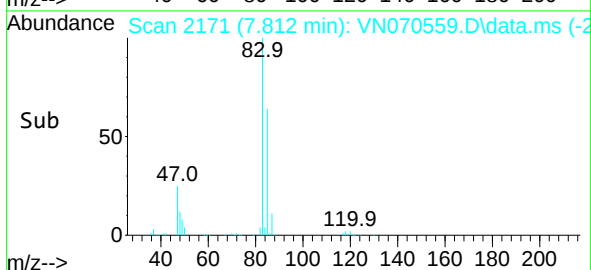
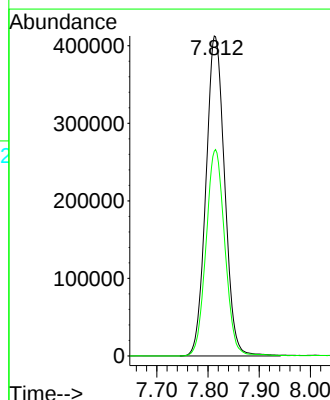
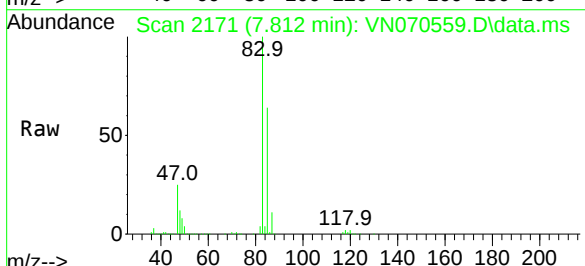
Delta R.T. -0.005 min

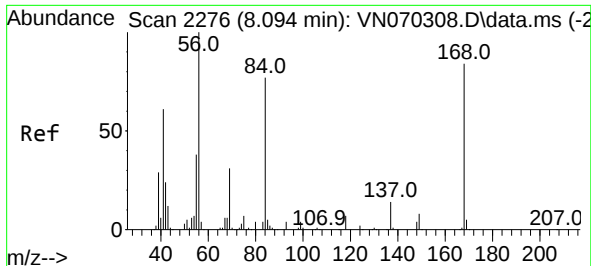
Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Tgt Ion: 83 Resp: 1048499

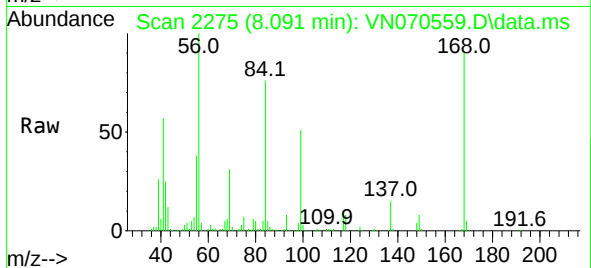
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 45.964 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

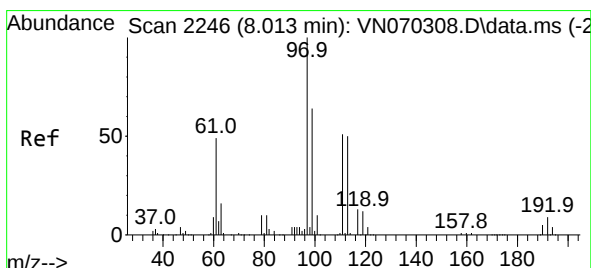
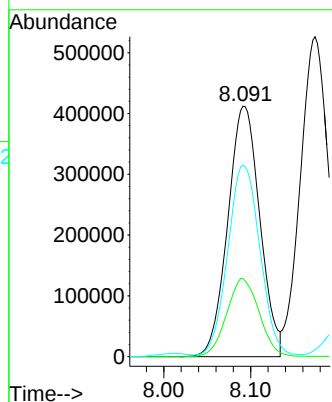
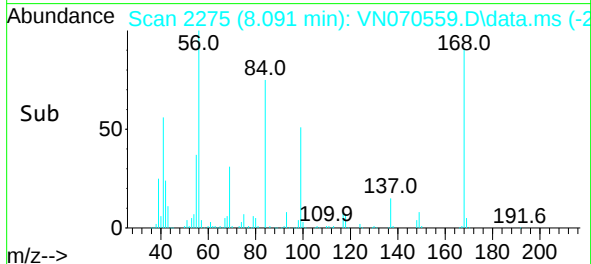
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 105565
Ion Ratio Lower Upper
56 100
69 31.2 27.1 40.7
84 75.2 73.4 110.0

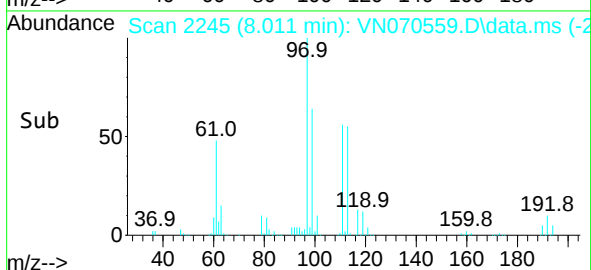
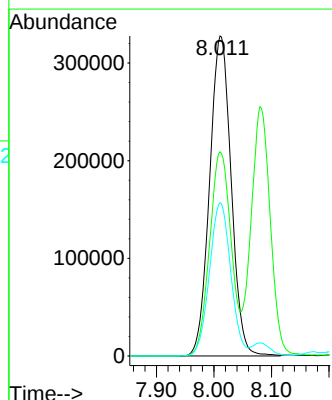
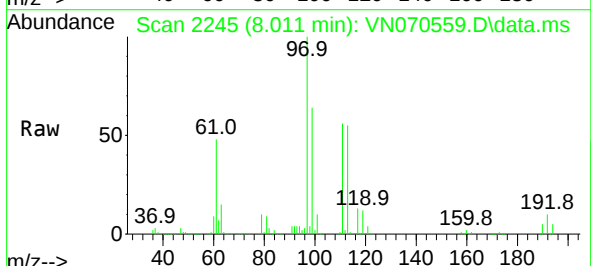
Manual Integrations
APPROVED

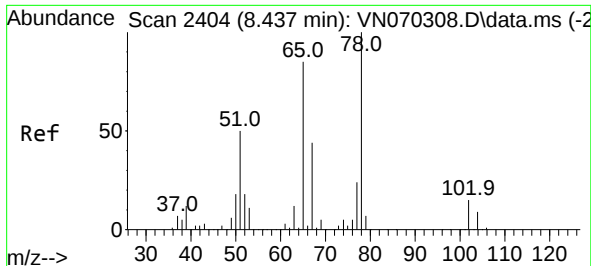
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#32
1,1,1-Trichloroethane
Concen: 44.410 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 97 Resp: 852743
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 47.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.919 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 639200

Ion Ratio Lower Upper

65 100

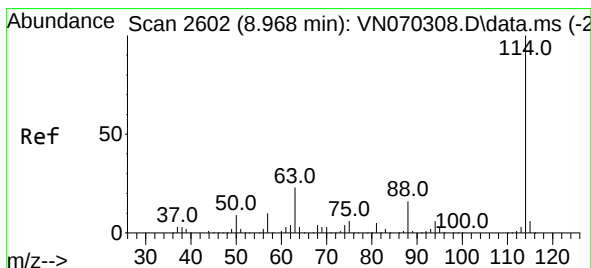
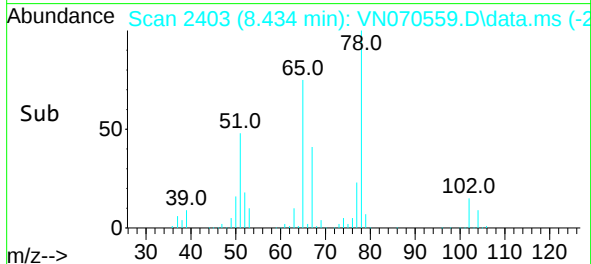
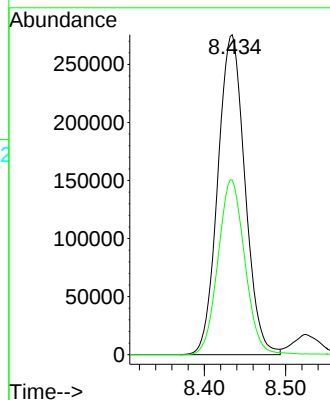
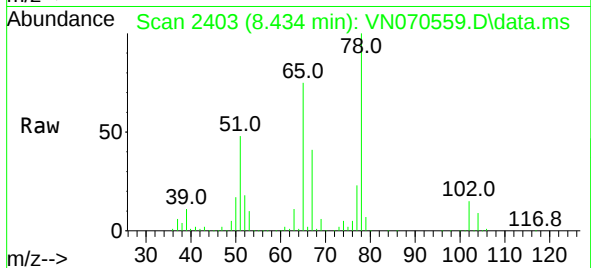
67 54.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

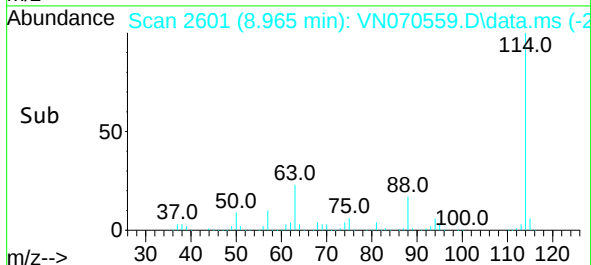
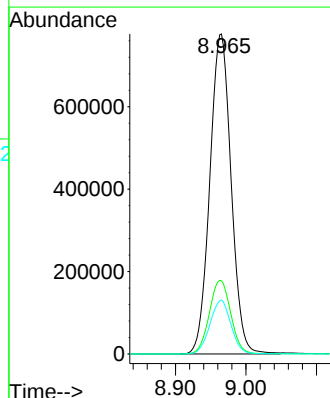
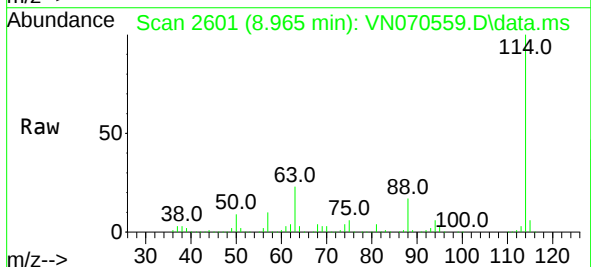
Tgt Ion:114 Resp: 1629065

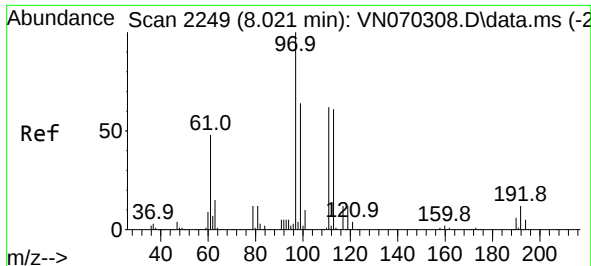
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

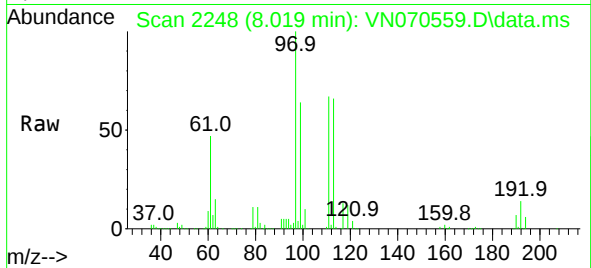
88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.168 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

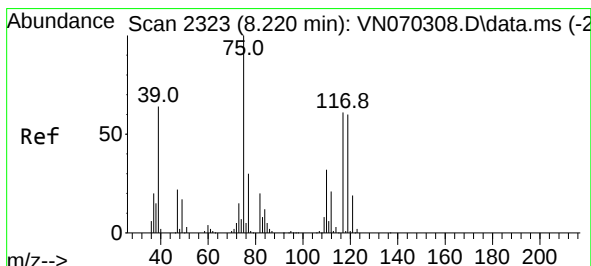
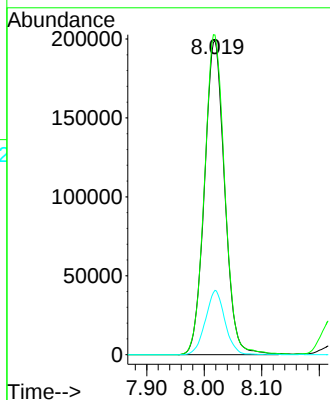
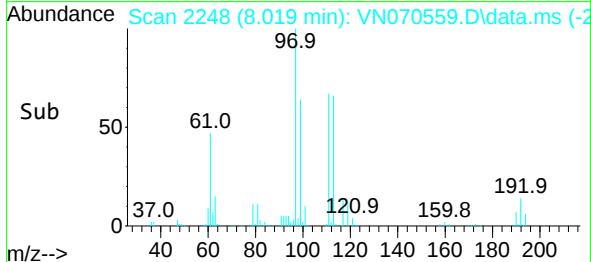
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 48463
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.8 16.9 25.3

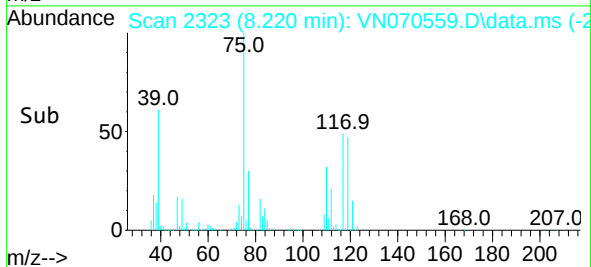
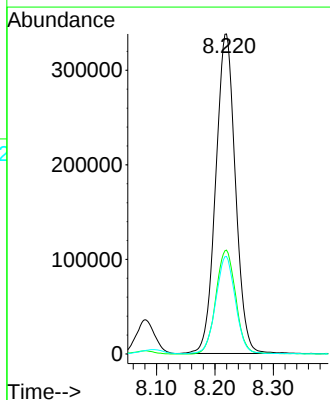
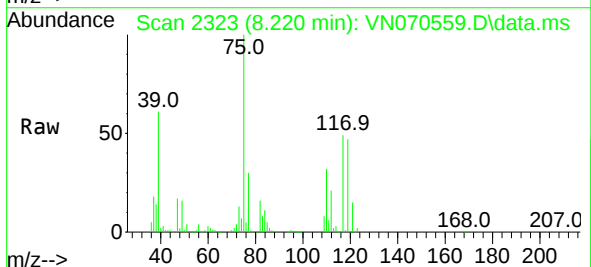
Manual Integrations
APPROVED

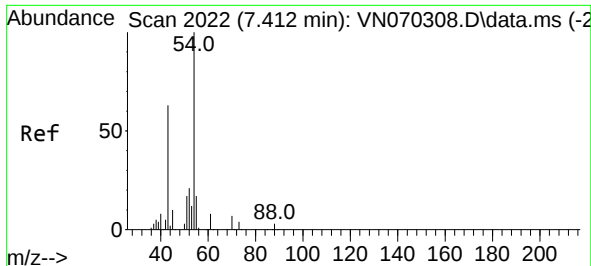
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#36
1,1-Dichloropropene
Concen: 48.551 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 75 Resp: 791653
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 44.419 ug/l

RT: 7.407 min Scan# 20

Delta R.T. -0.005 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 93881

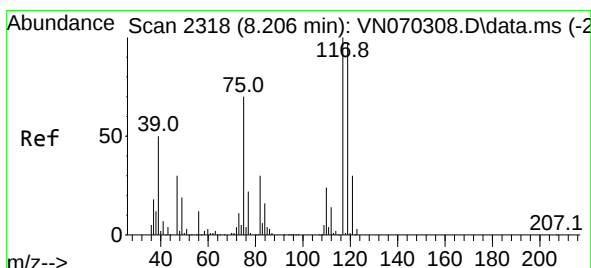
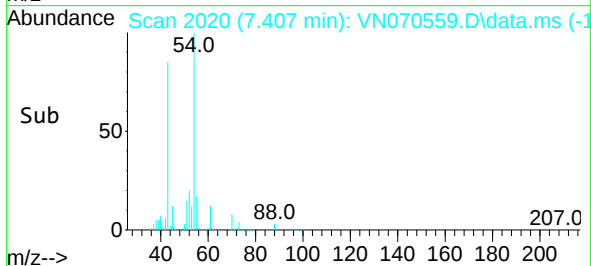
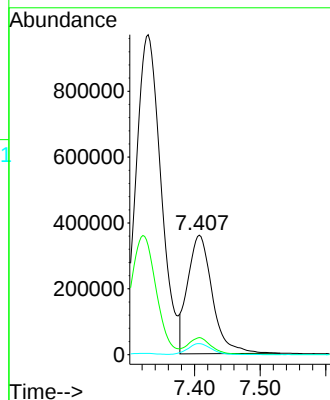
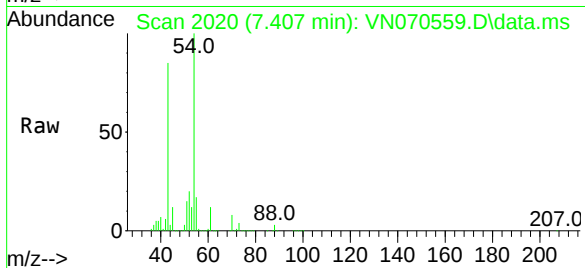
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.5	17.3
70	8.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#38

Carbon Tetrachloride

Concen: 44.347 ug/l

RT: 8.201 min Scan# 2316

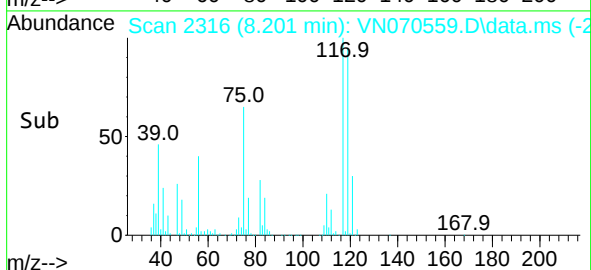
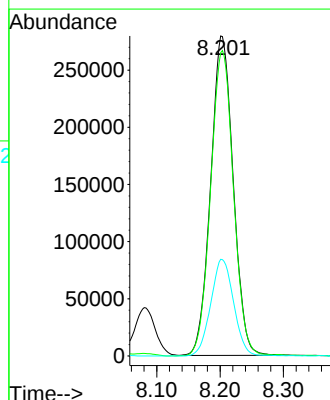
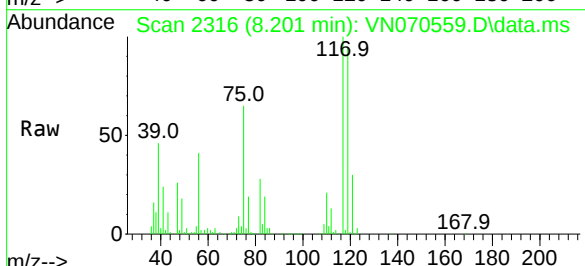
Delta R.T. -0.005 min

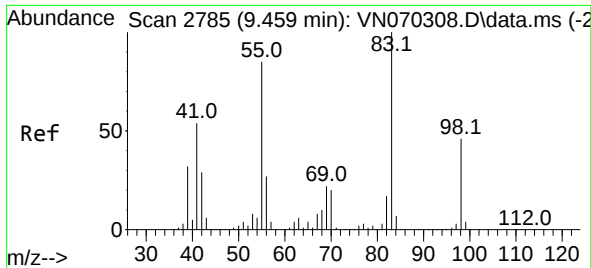
Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Tgt Ion:117 Resp: 690481

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
121	30.3	24.2	36.2





#39

Methylcyclohexane

Concen: 48.768 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 962690

Ion Ratio Lower Upper

83 100

55 86.0 58.1 87.1

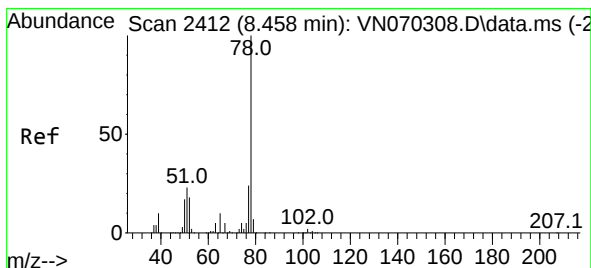
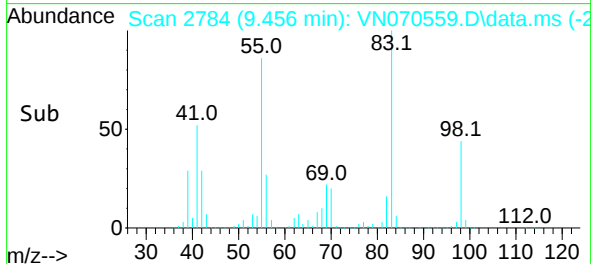
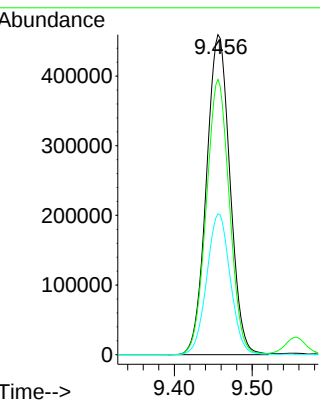
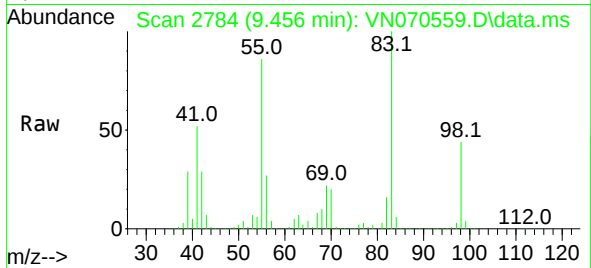
98 44.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#40

Benzene

Concen: 48.604 ug/l

RT: 8.456 min Scan# 2411

Delta R.T. -0.002 min

Lab File: VN070559.D

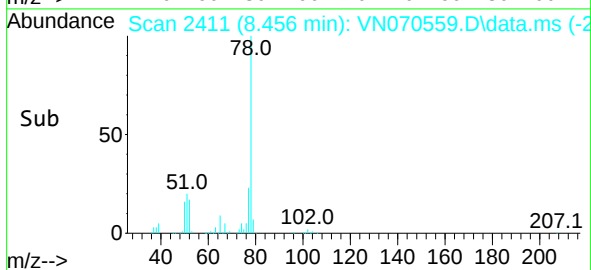
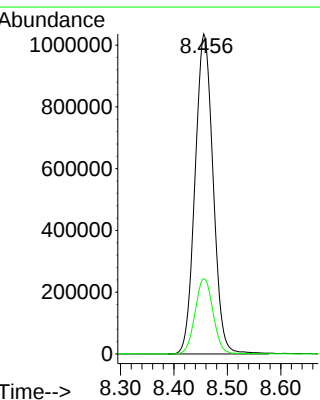
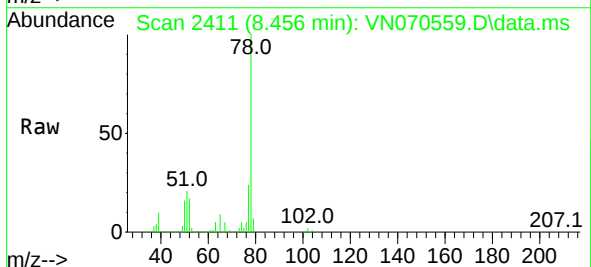
Acq: 11 Jan 2022 10:09

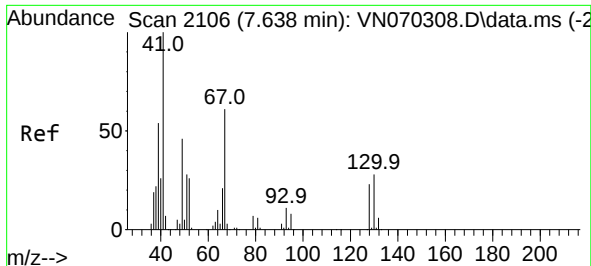
Tgt Ion: 78 Resp: 2429674

Ion Ratio Lower Upper

78 100

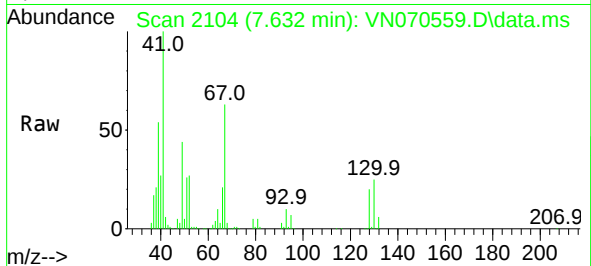
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 49.886 ug/l
RT: 7.632 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

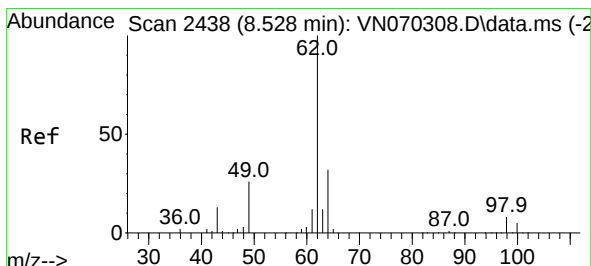
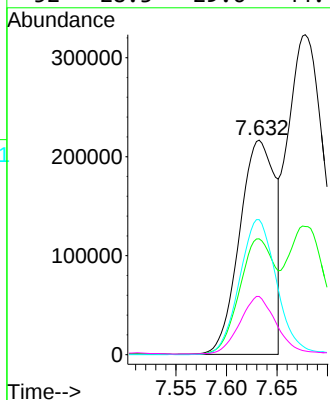
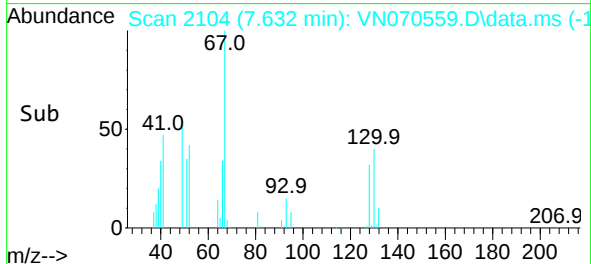
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 527369
Ion Ratio Lower Upper
41 100
39 52.7 48.1 72.1
67 66.5 68.3 102.5
52 28.3 29.6 44.4#

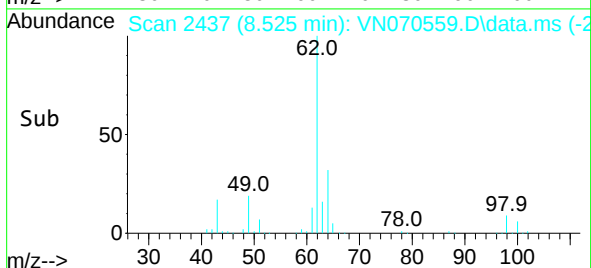
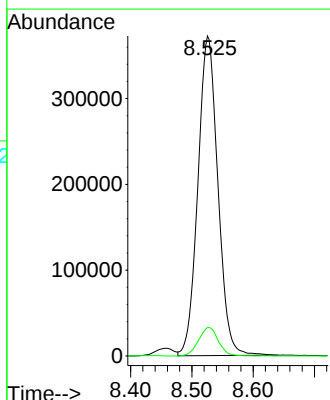
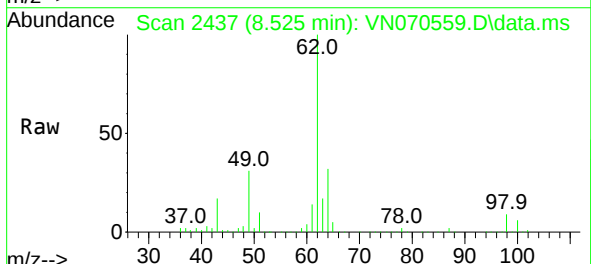
Manual Integrations
APPROVED

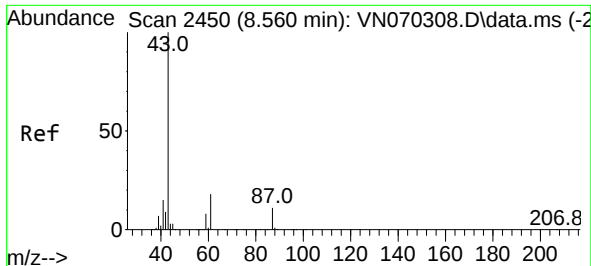
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#42
1,2-Dichloroethane
Concen: 44.943 ug/l
RT: 8.525 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

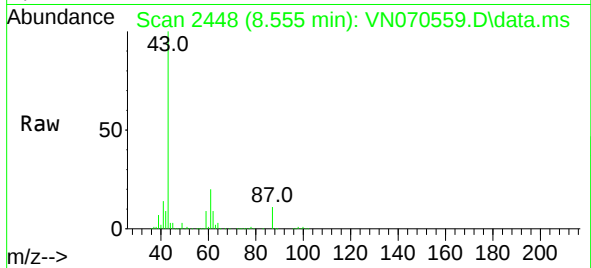
Tgt Ion: 62 Resp: 844457
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 46.397 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.005 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

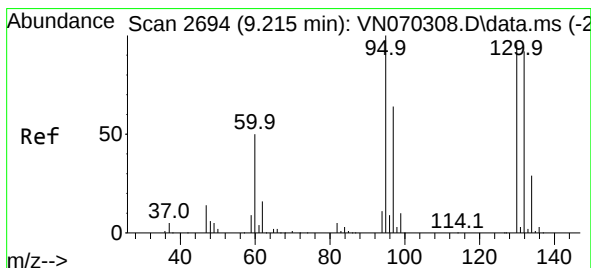
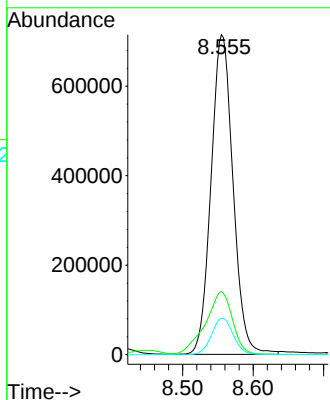
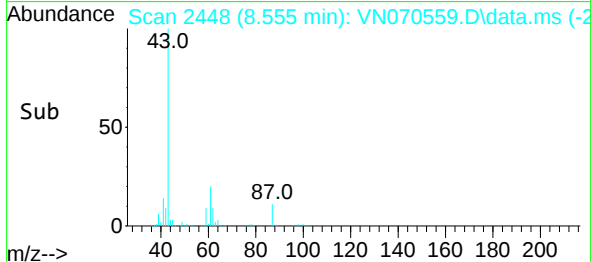
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 154605
Ion Ratio Lower Upper
43 100
61 24.4 20.4 30.6
87 11.3 11.2 16.8

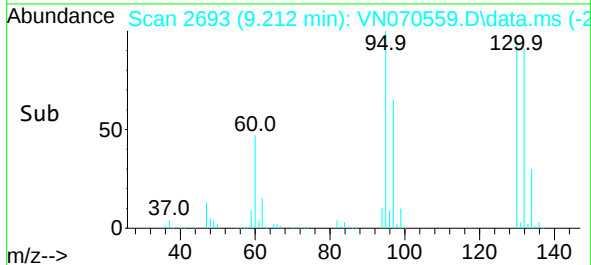
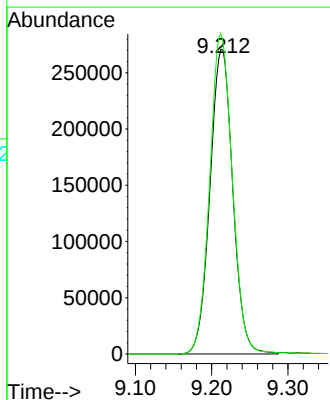
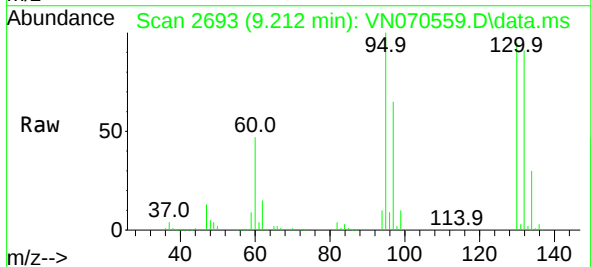
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#44
Trichloroethene
Concen: 47.368 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion:130 Resp: 562629
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.010 ug/l

RT: 9.486 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 68656

Ion Ratio Lower Upper

63 100

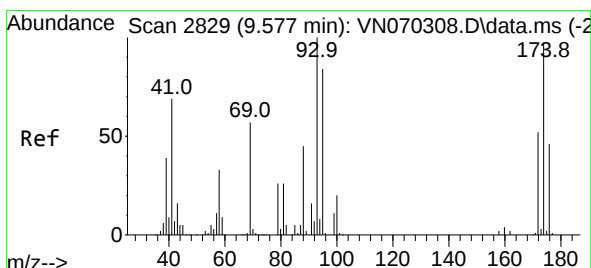
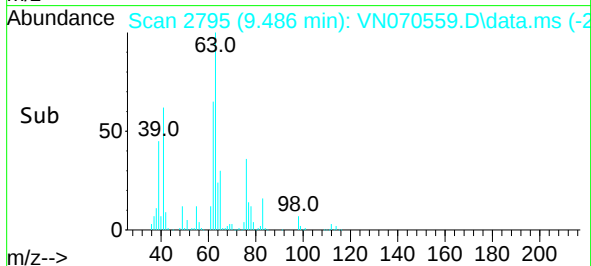
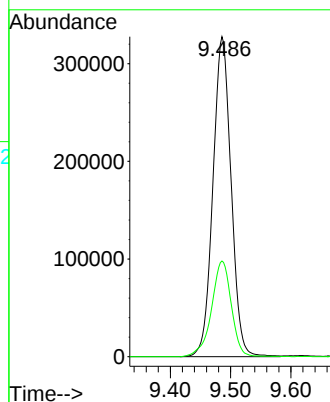
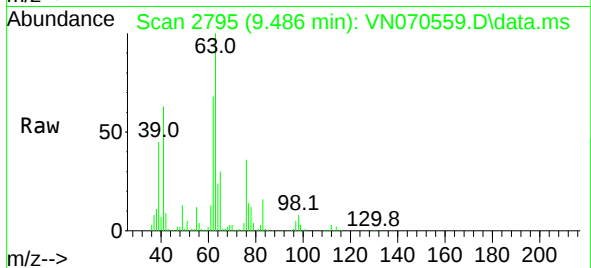
65 29.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 47.296 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.006 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

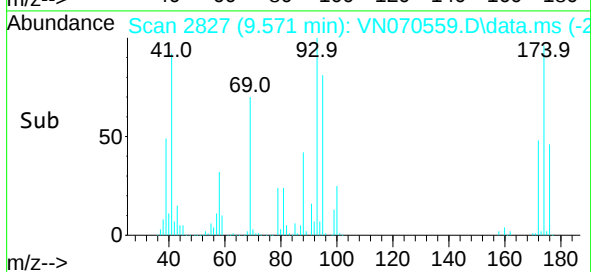
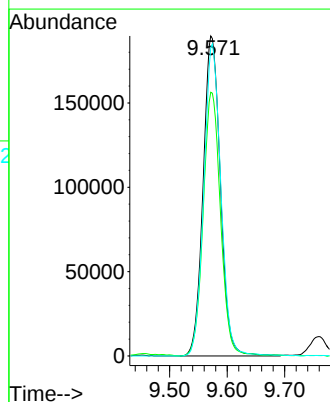
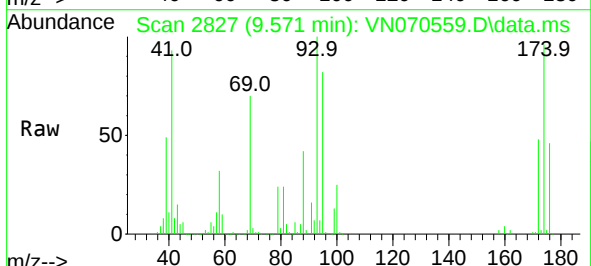
Tgt Ion: 93 Resp: 395835

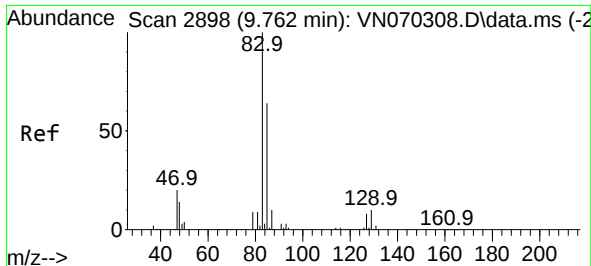
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

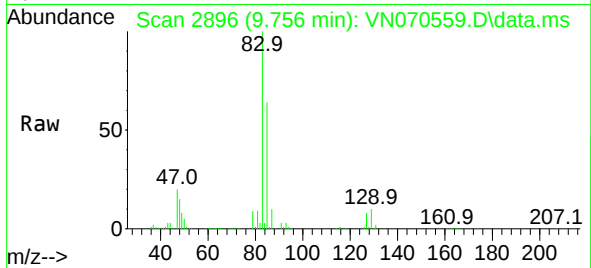
174 95.7 84.6 127.0





#47
Bromodichloromethane
Concen: 48.348 ug/l
RT: 9.756 min Scan# 2896
Delta R.T. -0.006 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

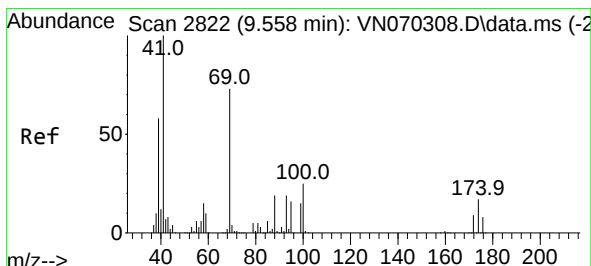
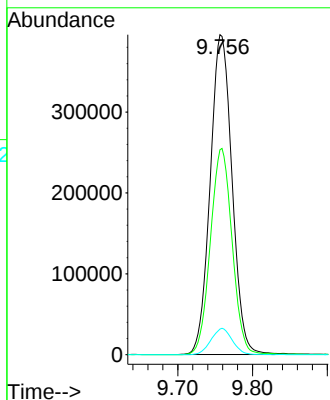
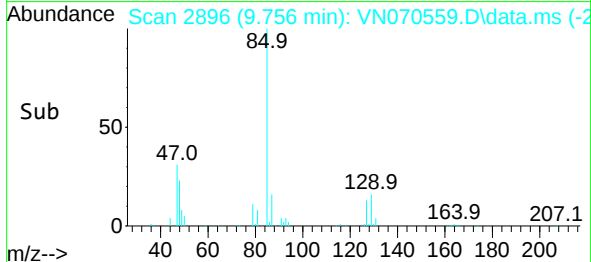
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 803460
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.0 7.1 10.7

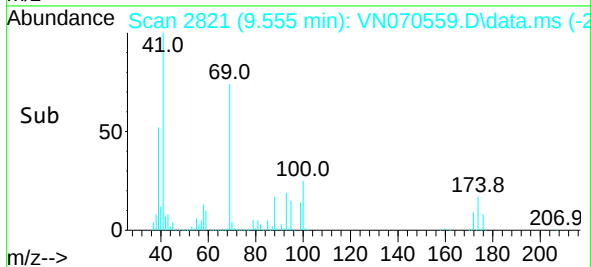
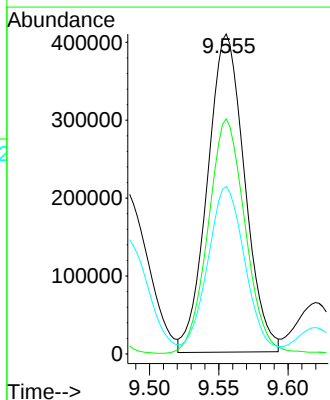
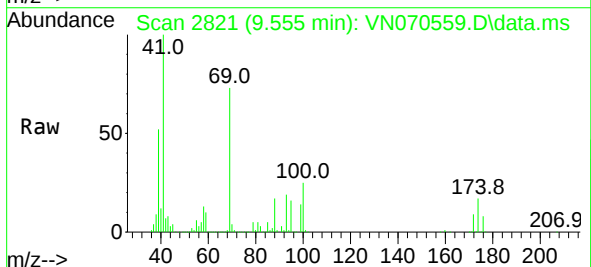
Manual Integrations
APPROVED

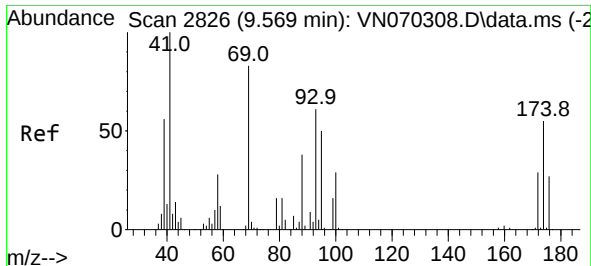
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#48
Methyl methacrylate
Concen: 47.973 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 41 Resp: 762510
Ion Ratio Lower Upper
41 100
69 73.9 72.4 108.6
39 53.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 828.097 ug/l

RT: 9.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 19267

Ion Ratio Lower Upper

88 100

43 35.6 23.4 35.2

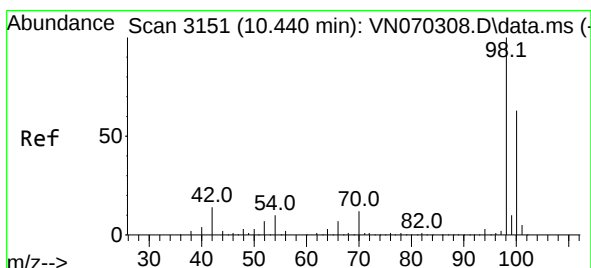
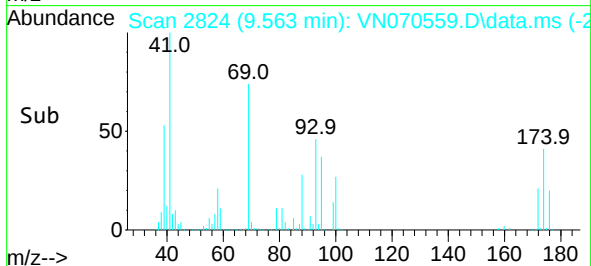
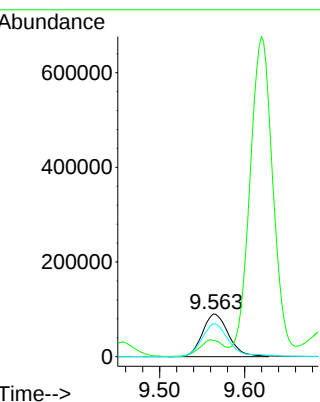
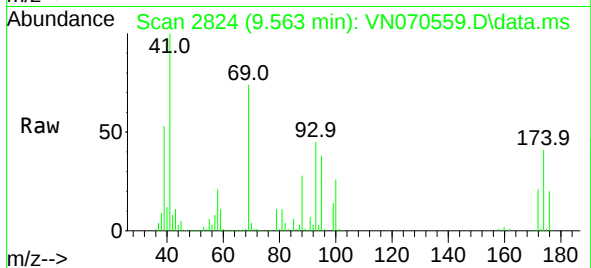
58 81.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 48.574 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070559.D

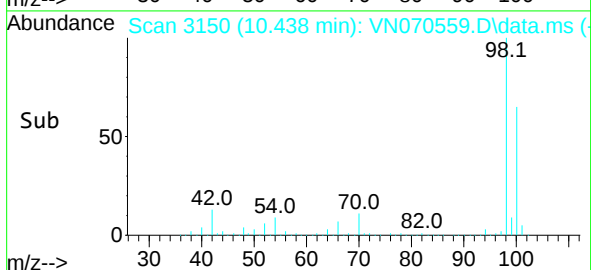
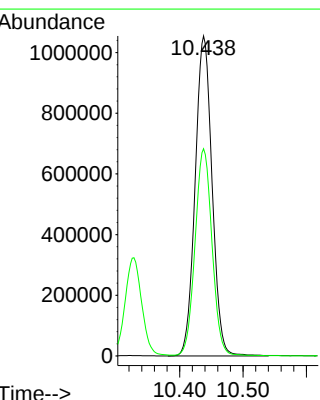
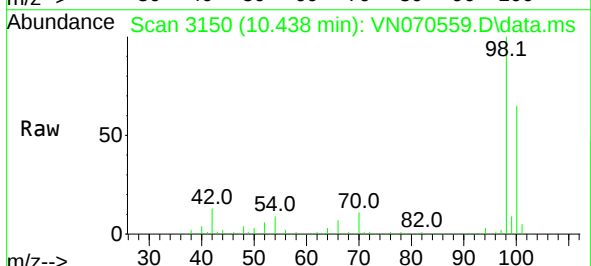
Acq: 11 Jan 2022 10:09

Tgt Ion: 98 Resp: 1955854

Ion Ratio Lower Upper

98 100

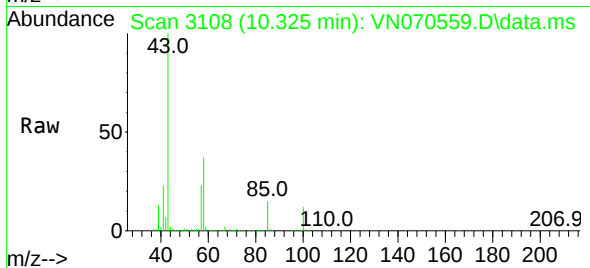
100 64.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 232.441 ug/l
RT: 10.325 min Scan# 3110
Delta R.T. -0.005 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

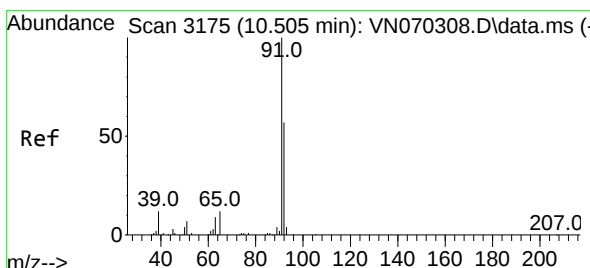
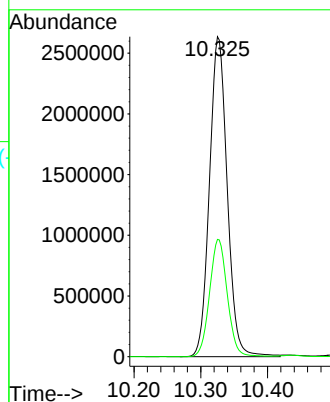
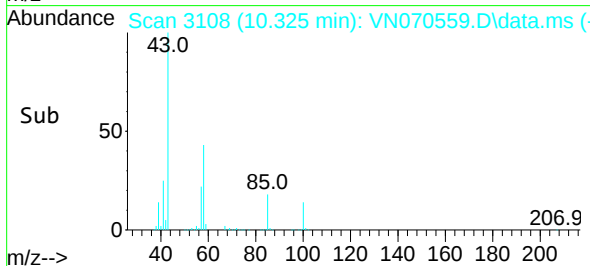
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 486697
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

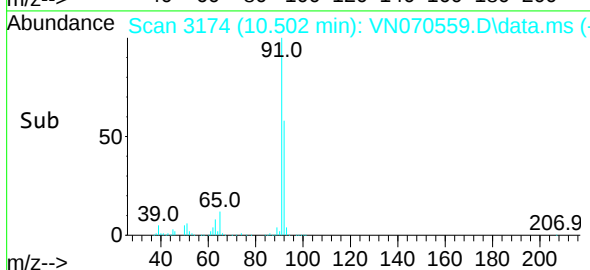
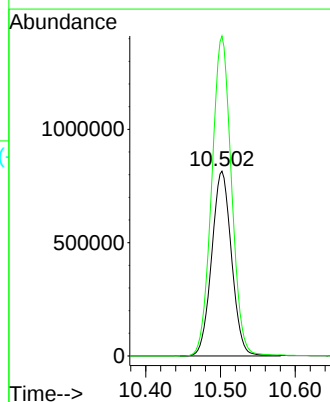
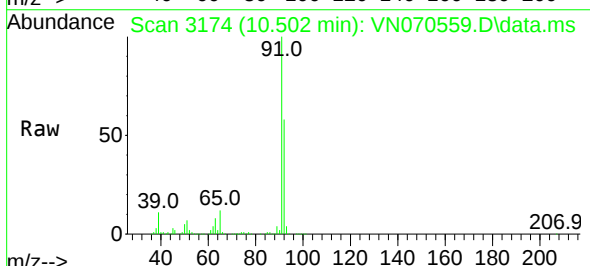
Manual Integrations
APPROVED

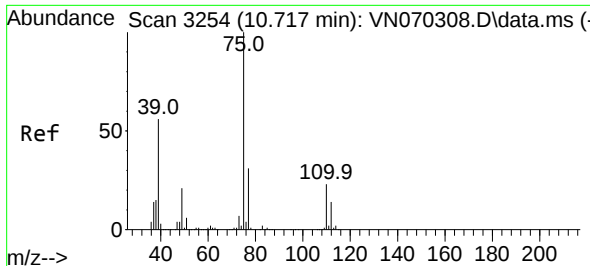
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 49.549 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

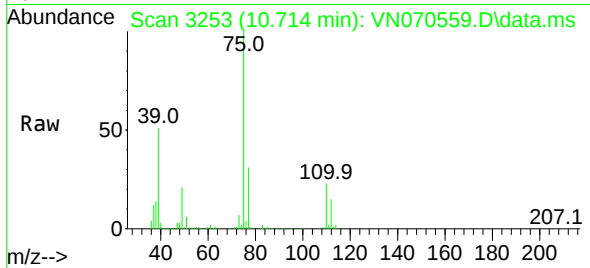
Tgt Ion: 92 Resp: 1499244
Ion Ratio Lower Upper
92 100
91 172.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 50.807 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

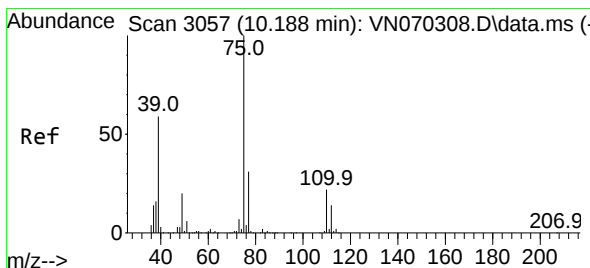
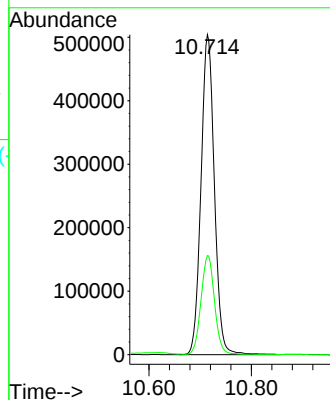
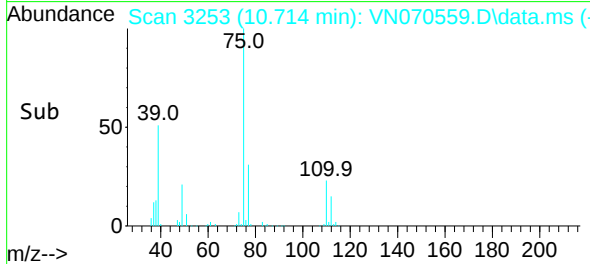
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



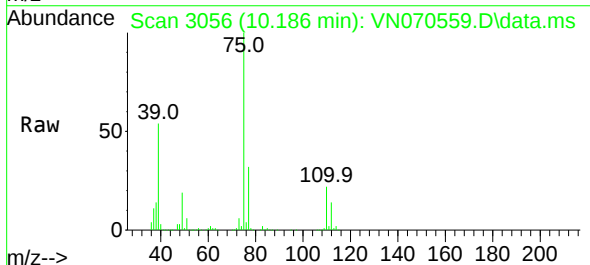
Tgt Ion: 75 Resp: 91404
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

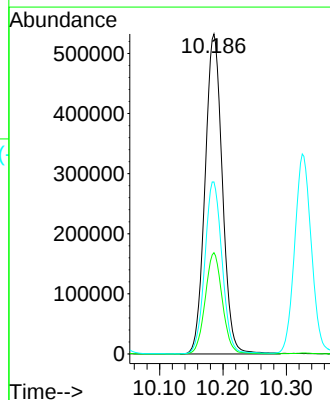
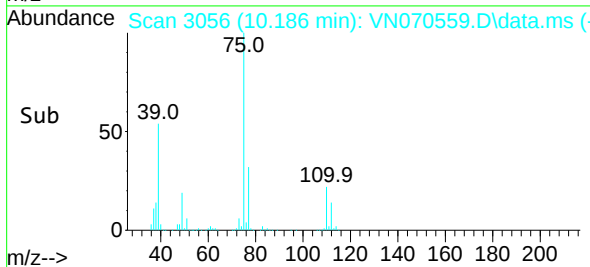
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

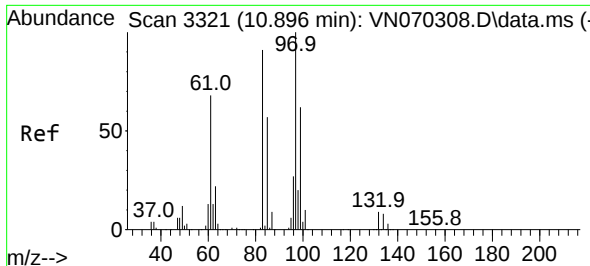


#54
cis-1,3-Dichloropropene
Concen: 51.914 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



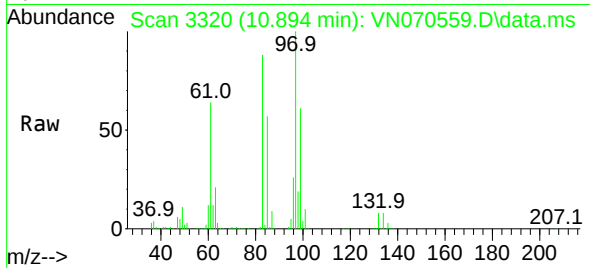
Tgt Ion: 75 Resp: 1010322
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 53.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.042 ug/l
RT: 10.894 min Scan# 3128
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

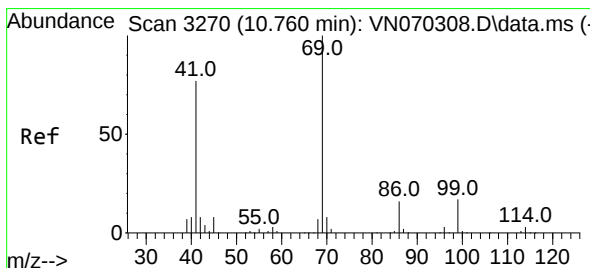
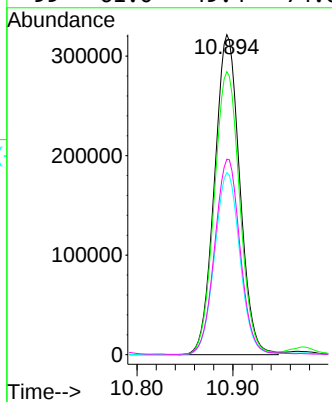
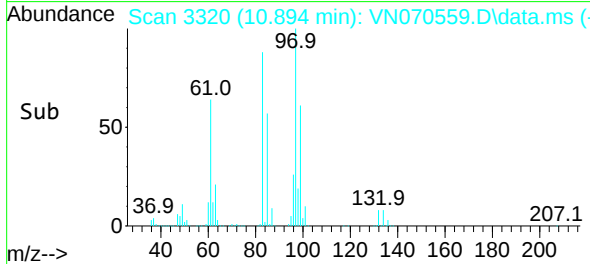
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



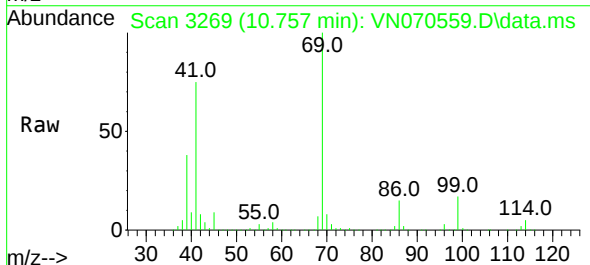
Tgt Ion: 97 Resp: 587128
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 56.9 45.4 68.2
99 61.0 49.4 74.0

Manual Integrations
APPROVED

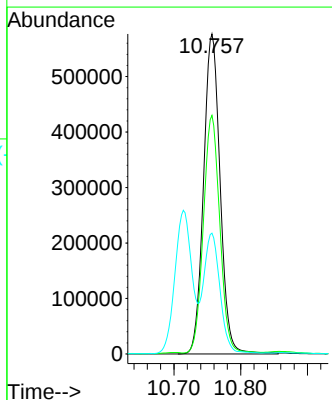
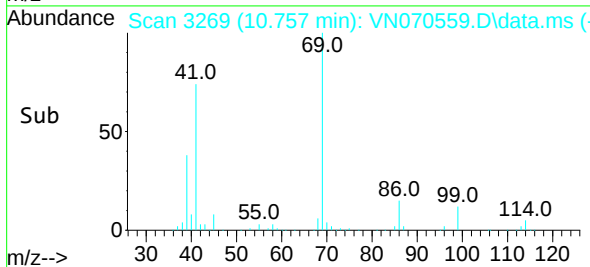
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

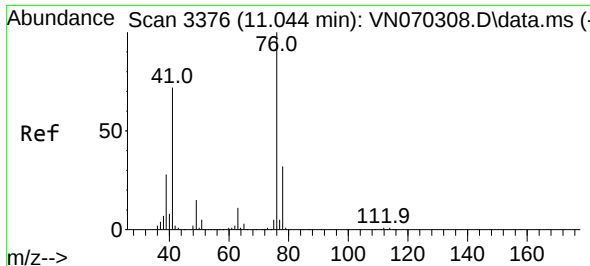


#56
Ethyl methacrylate
Concen: 50.293 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



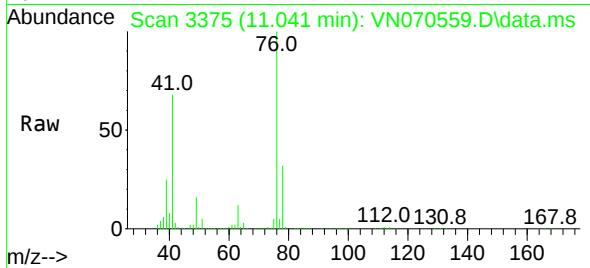
Tgt Ion: 69 Resp: 994873
Ion Ratio Lower Upper
69 100
41 73.6 51.4 77.0
39 35.9 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.671 ug/l
RT: 11.041 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

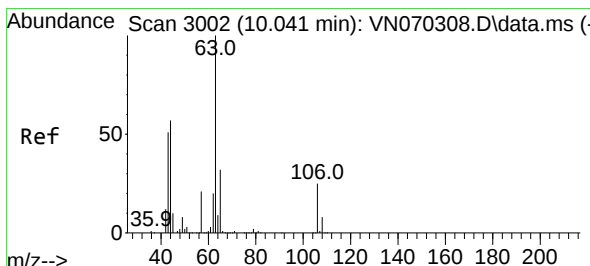
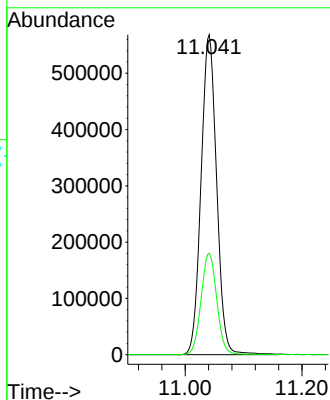
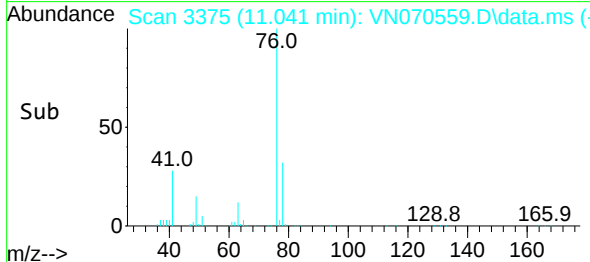
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 105178
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

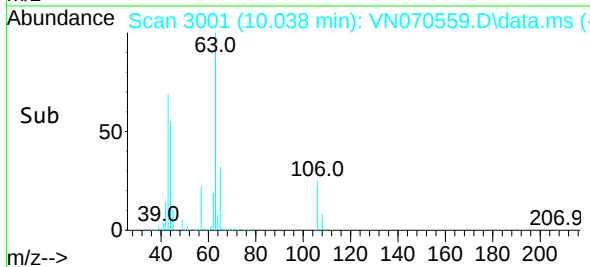
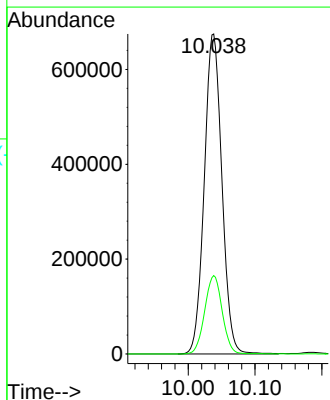
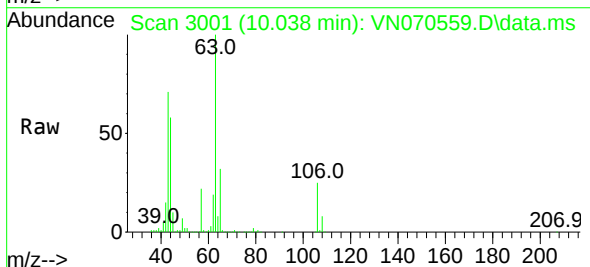
Manual Integrations
APPROVED

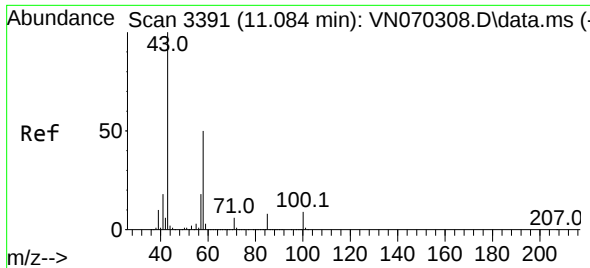
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 245.082 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

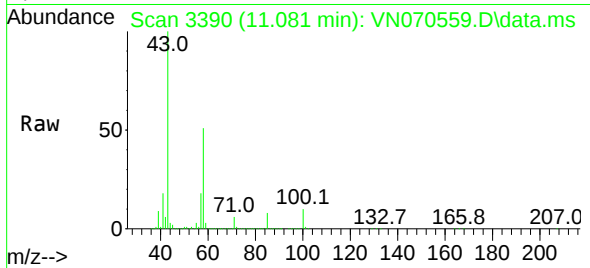
Tgt Ion: 63 Resp: 1236367
Ion Ratio Lower Upper
63 100
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 242.745 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

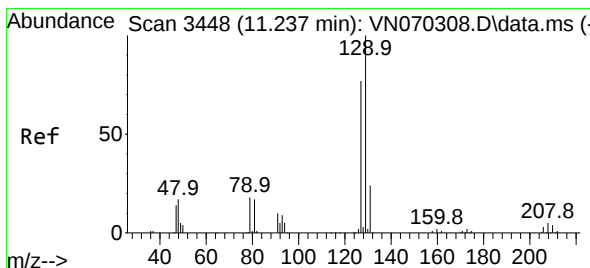
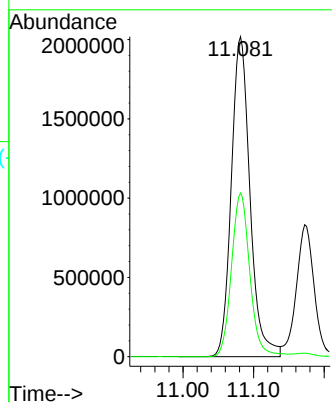
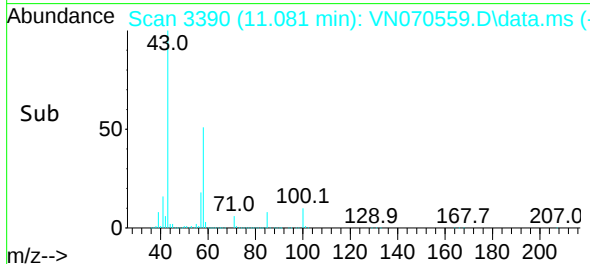
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 370656
Ion Ratio Lower Upper
43 100
58 50.3 26.9 80.7

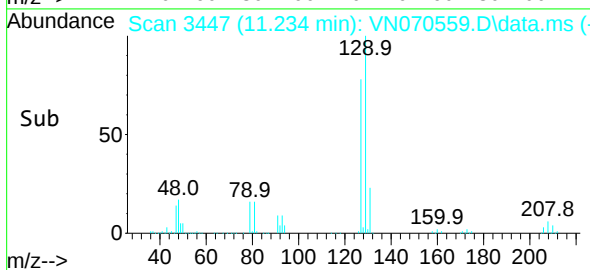
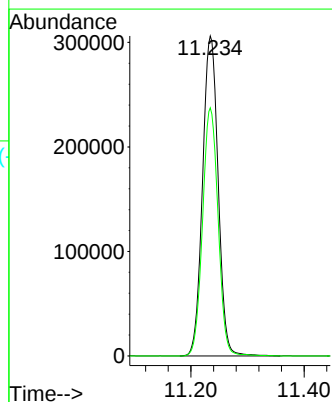
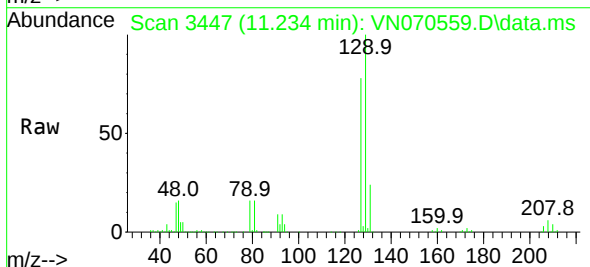
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#60
Dibromochloromethane
Concen: 50.061 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

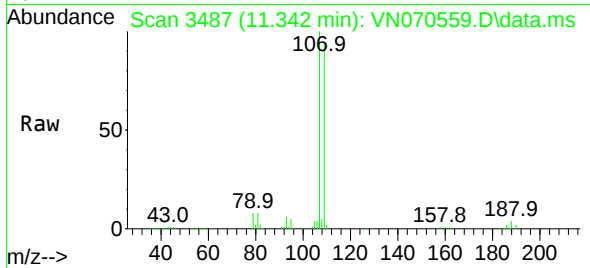
Tgt Ion:129 Resp: 584756
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.798 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

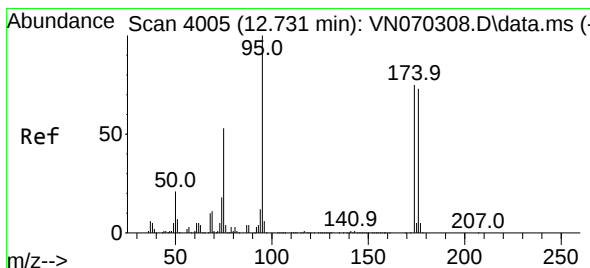
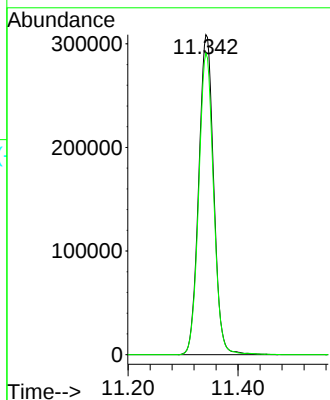
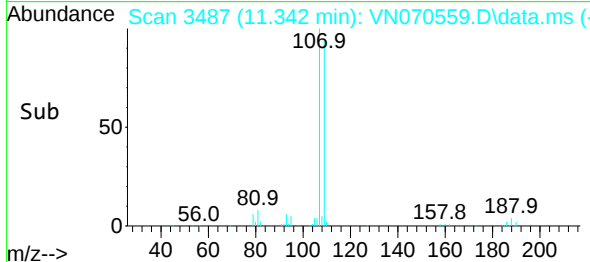
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



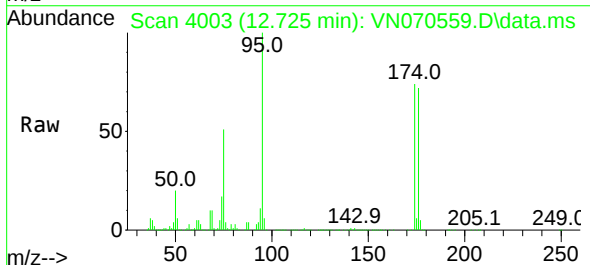
Tgt Ion:107 Resp: 581030
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

Manual Integrations
APPROVED

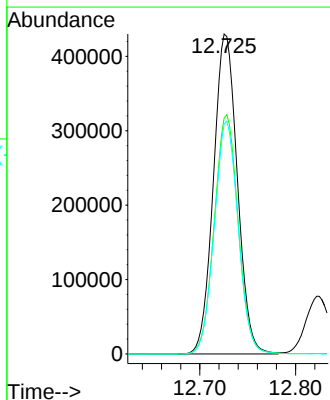
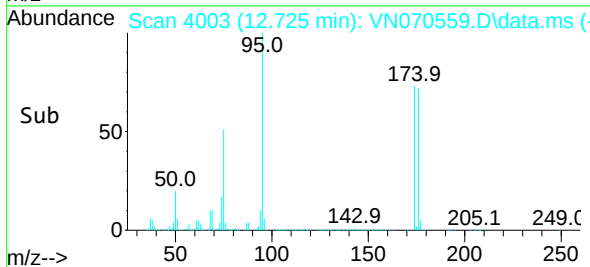
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

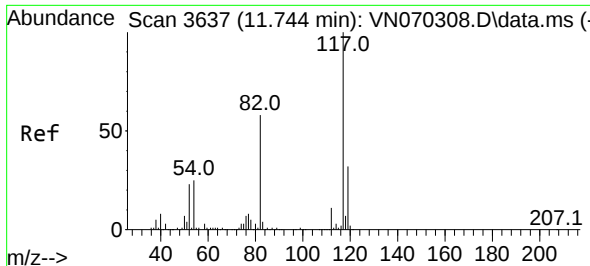


#62
4-Bromofluorobenzene
Concen: 51.185 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. -0.006 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



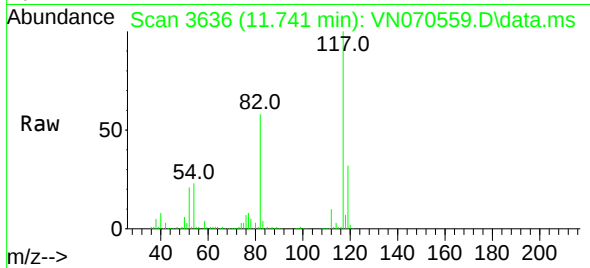
Tgt Ion: 95 Resp: 744385
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

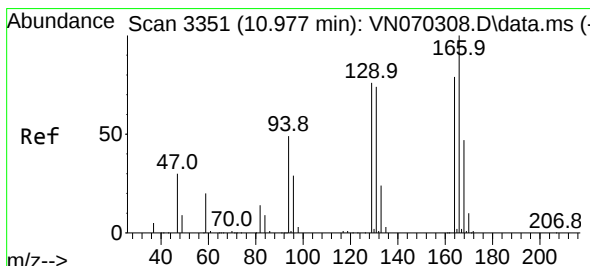
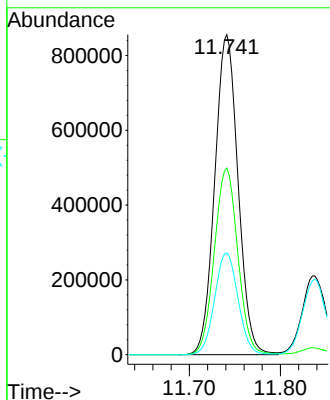
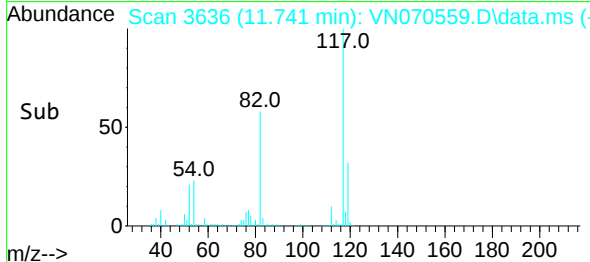
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 151941
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 31.8 25.4 38.2

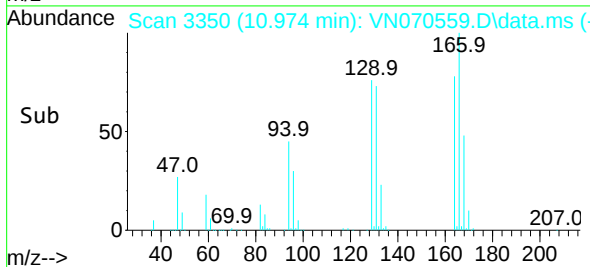
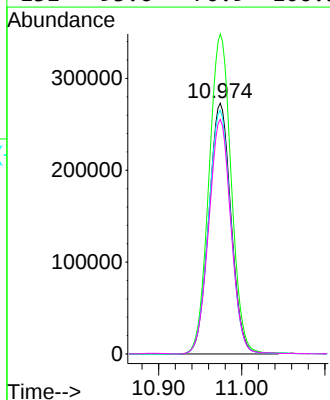
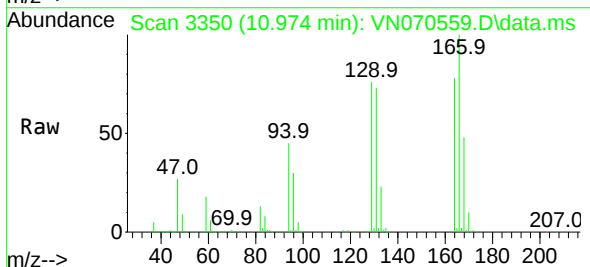
Manual Integrations
APPROVED

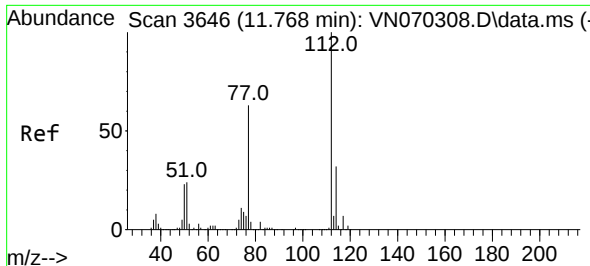
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#64
Tetrachloroethene
Concen: 45.973 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

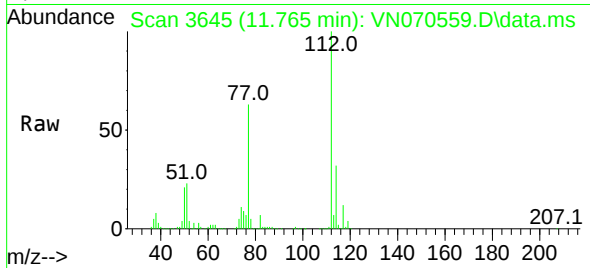
Tgt Ion:164 Resp: 505824
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 97.2 72.0 108.0
131 93.6 70.9 106.3





#65
Chlorobenzene
Concen: 48.262 ug/l
RT: 11.765 min Scan# 3645
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

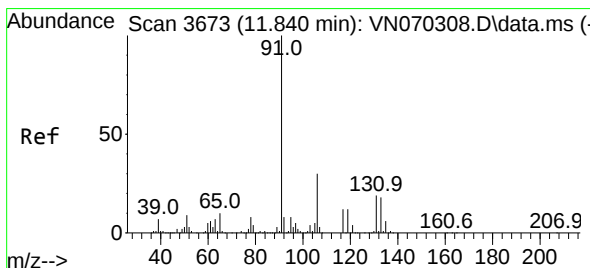
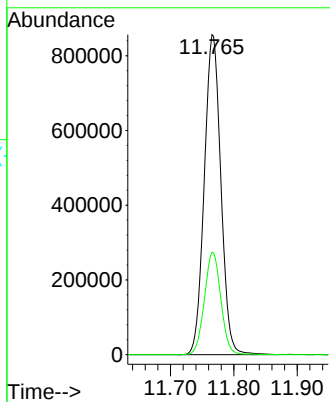
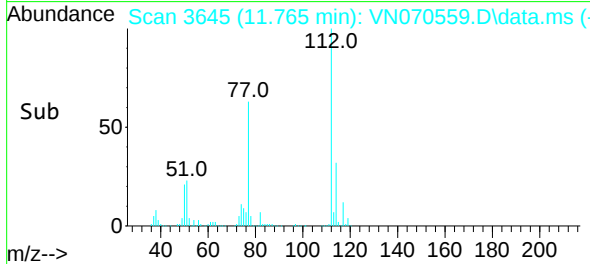
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



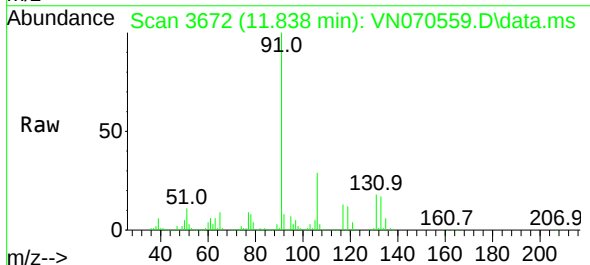
Tgt Ion:112 Resp: 155589
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

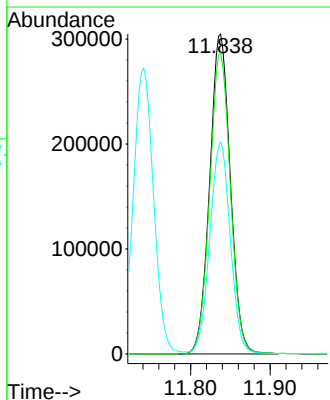
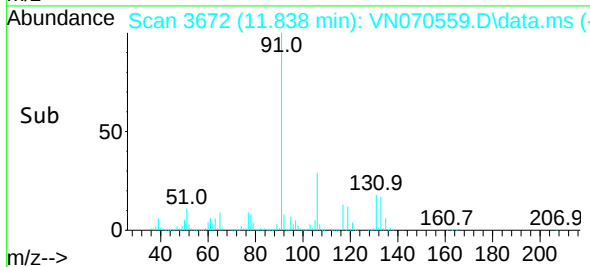
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

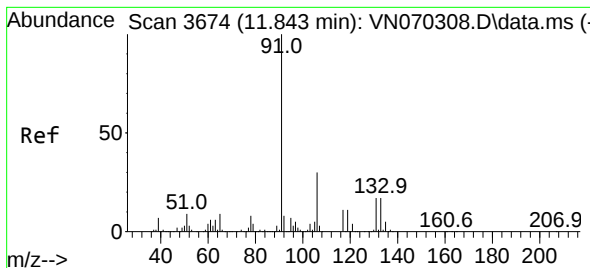


#66
1,1,1,2-Tetrachloroethane
Concen: 47.751 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



Tgt Ion:131 Resp: 549565
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 65.8 32.1 96.5





#67

Ethyl Benzene

Concen: 49.625 ug/l

RT: 11.840 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN070559.D

Acq: 11 Jan 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 293129

Ion Ratio Lower Upper

91 100

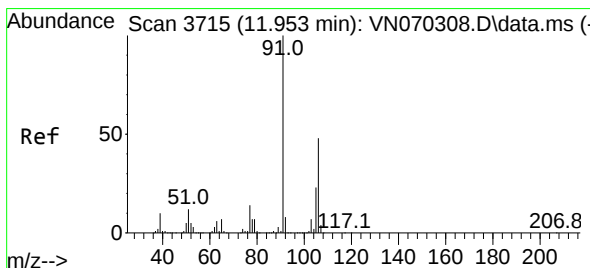
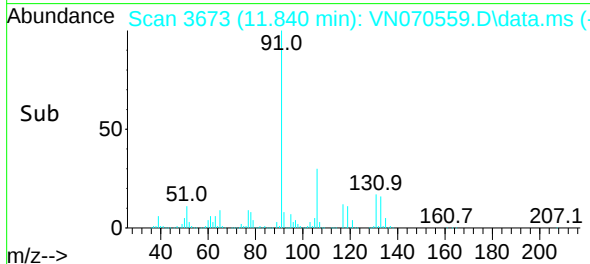
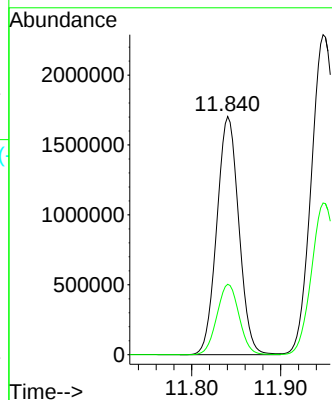
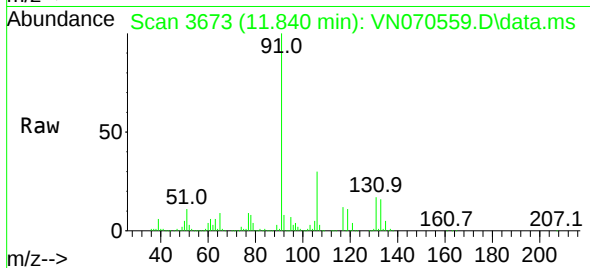
106 29.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#68

m/p-Xylenes

Concen: 100.714 ug/l

RT: 11.948 min Scan# 3713

Delta R.T. -0.005 min

Lab File: VN070559.D

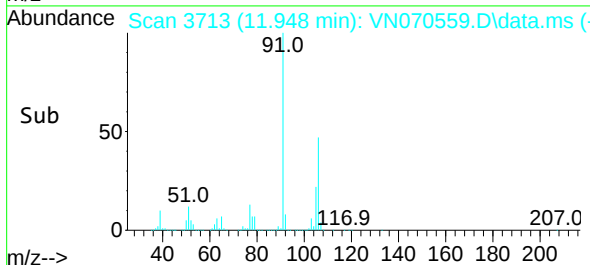
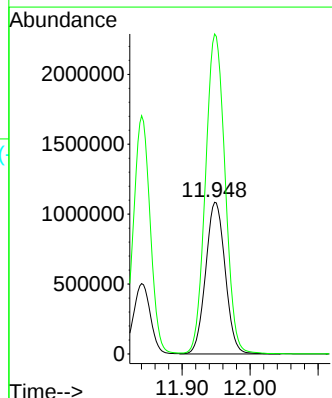
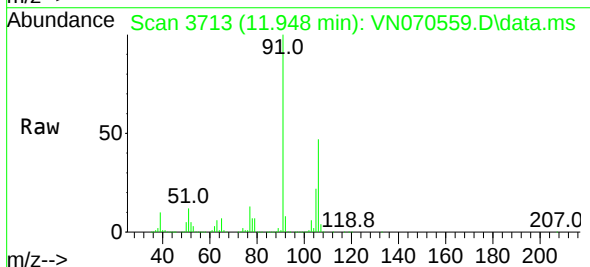
Acq: 11 Jan 2022 10:09

Tgt Ion:106 Resp: 2165488

Ion Ratio Lower Upper

106 100

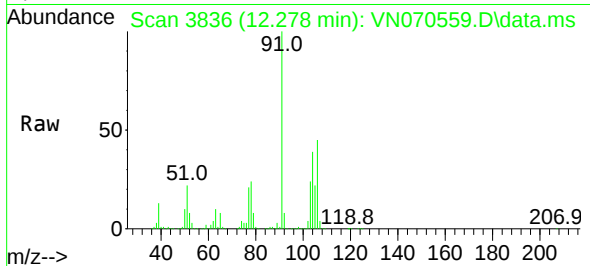
91 212.0 160.6 240.8





#69
o-Xylene
Concen: 50.721 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

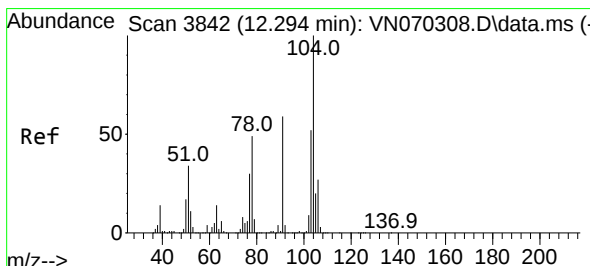
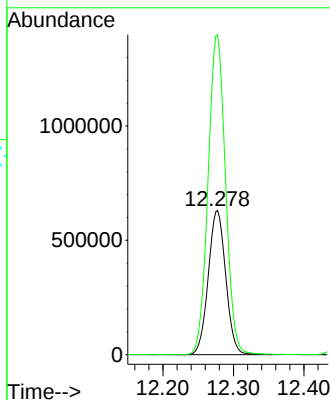
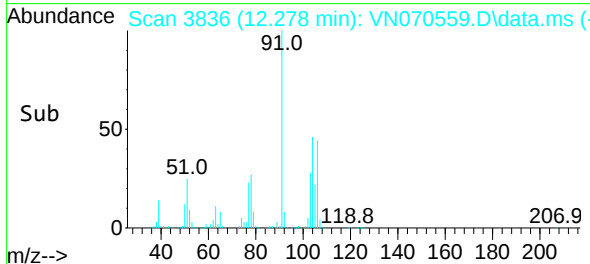
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 1084750
Ion Ratio Lower Upper
106 100
91 221.9 105.8 317.3

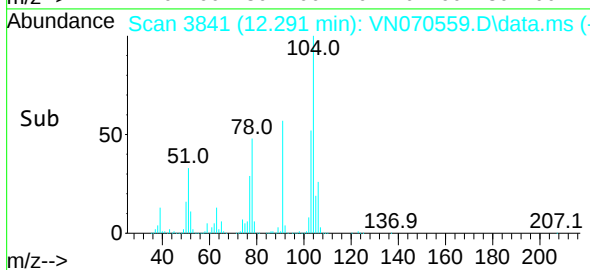
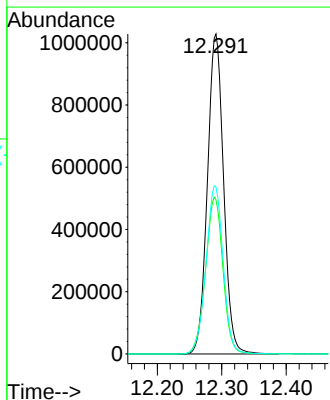
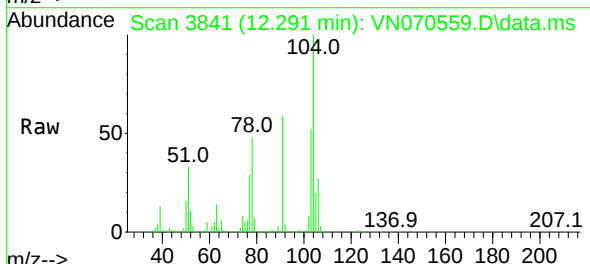
Manual Integrations
APPROVED

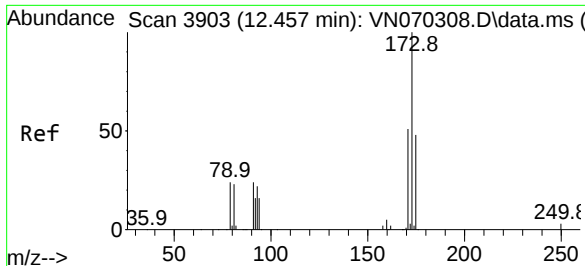
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 52.998 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

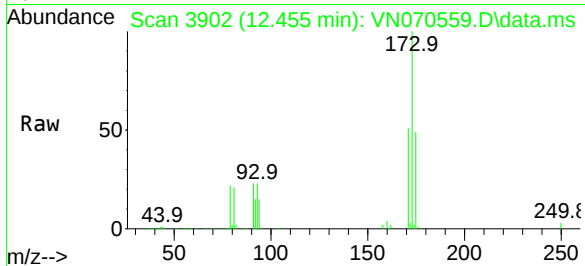
Tgt Ion:104 Resp: 1793924
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 48.899 ug/l
RT: 12.455 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

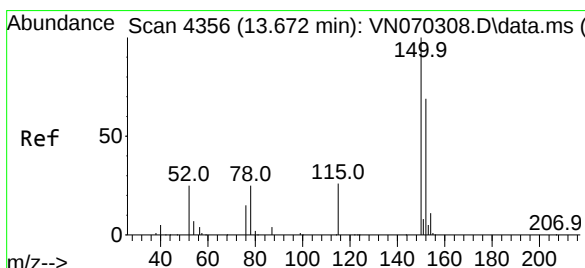
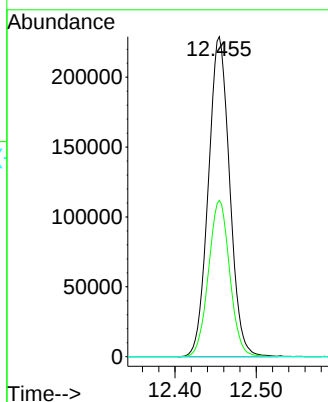
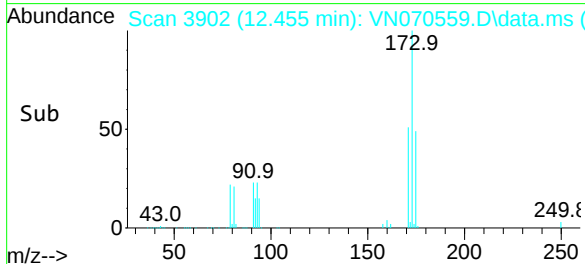
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



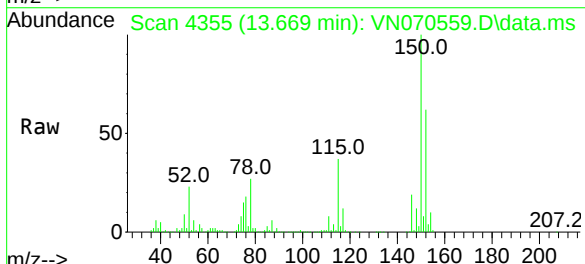
Tgt Ion:173 Resp: 417669
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

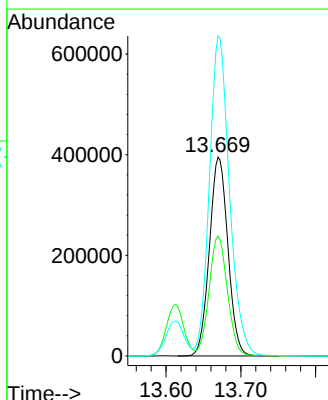
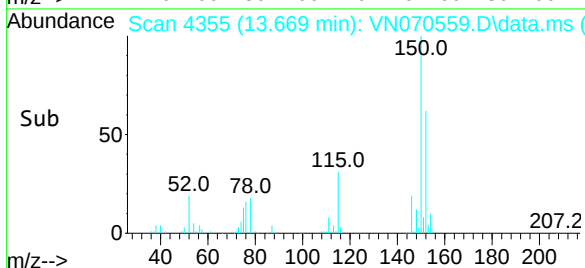
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

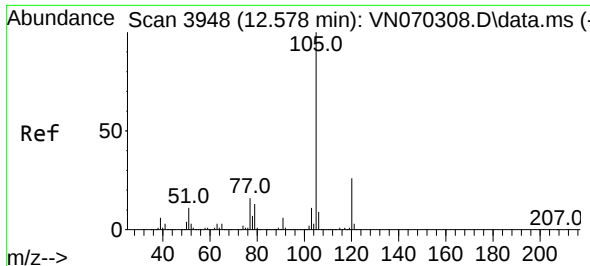


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 4355
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



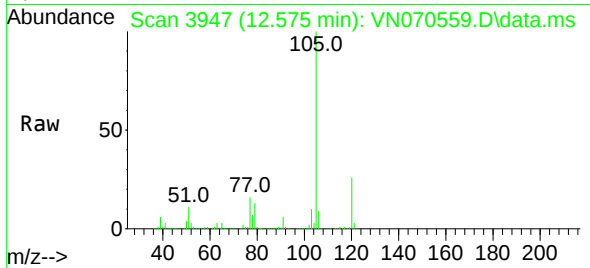
Tgt Ion:152 Resp: 679756
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 174.7 0.0 344.4





#73
Isopropylbenzene
Concen: 44.912 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

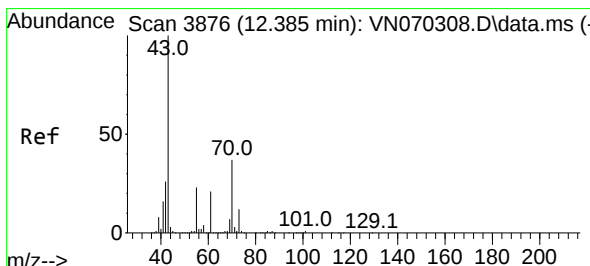
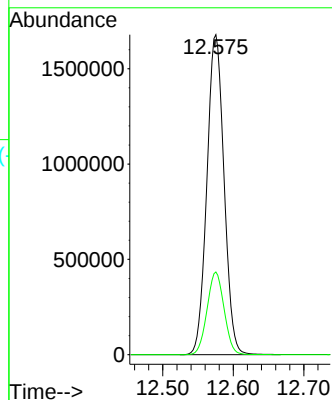
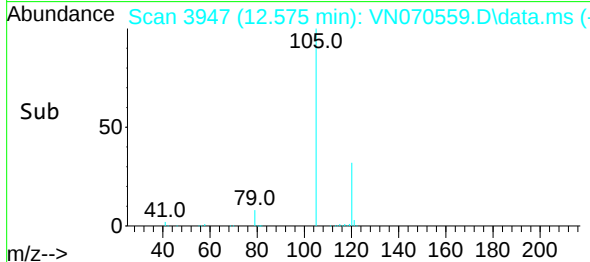
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 2835108
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

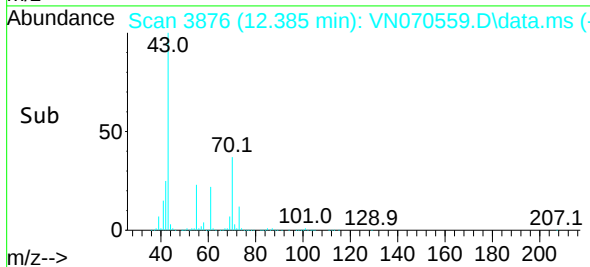
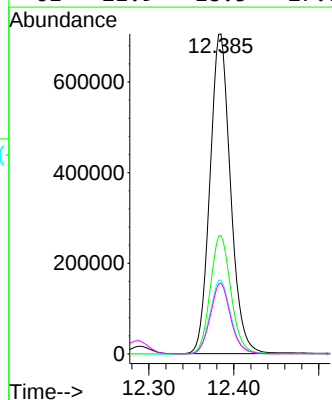
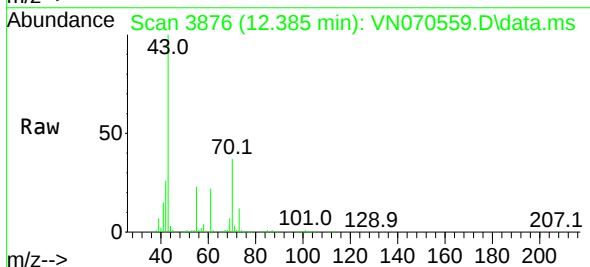
Manual Integrations
APPROVED

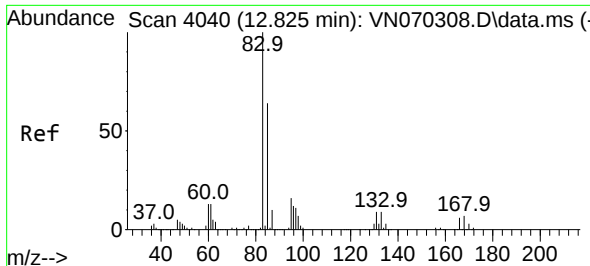
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#74
N-ethyl acetate
Concen: 44.630 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

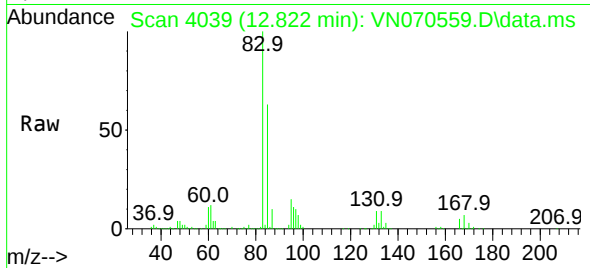
Tgt Ion: 43 Resp: 1184565
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 23.5 19.3 28.9
61 21.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.300 ug/l
RT: 12.822 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

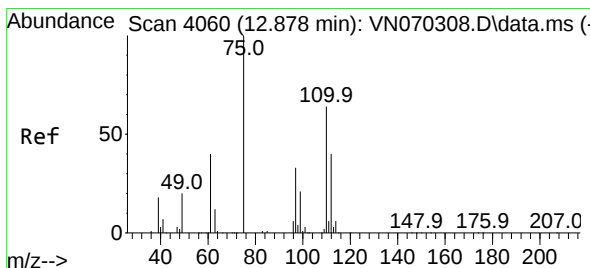
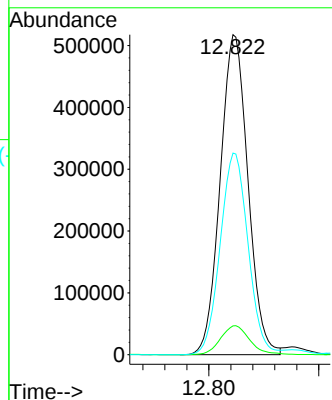
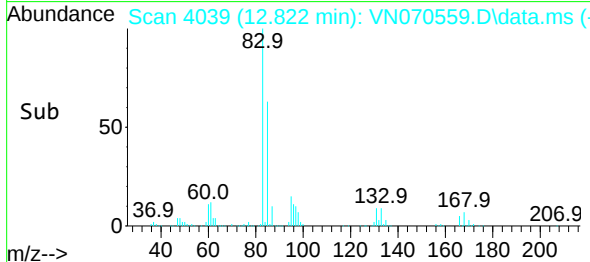
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 90809
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.2 32.4 97.2

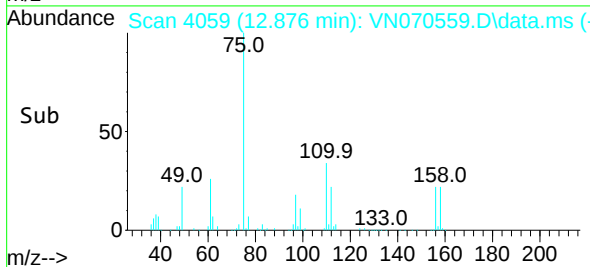
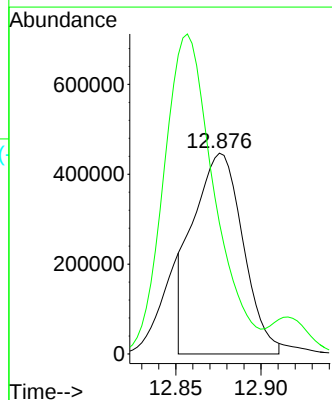
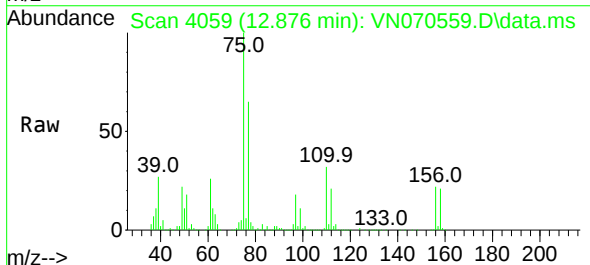
Manual Integrations
APPROVED

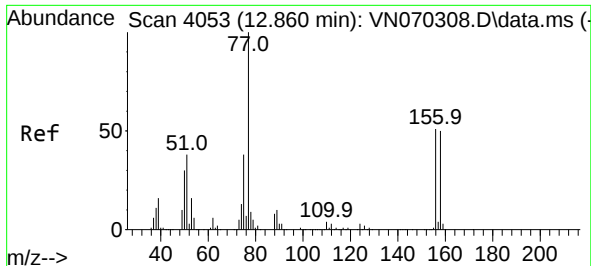
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#76
1,2,3-Trichloropropane
Concen: 45.365 ug/l m
RT: 12.876 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 75 Resp: 907526
Ion Ratio Lower Upper
75 100
77 162.0 82.6 247.8





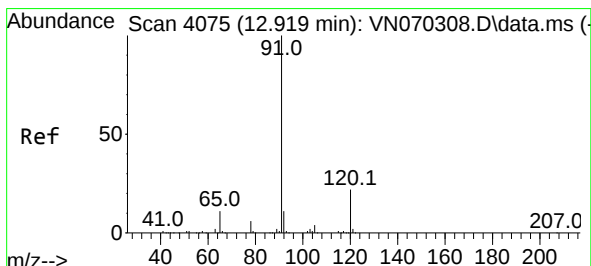
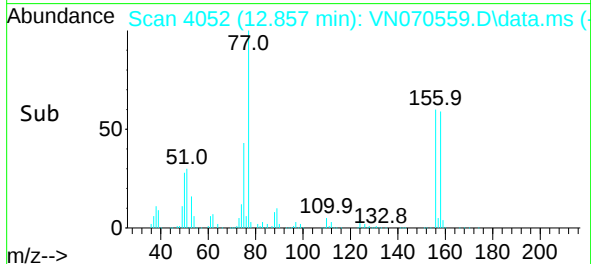
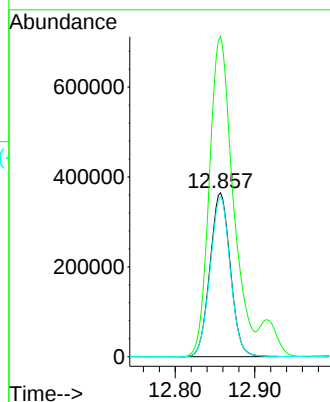
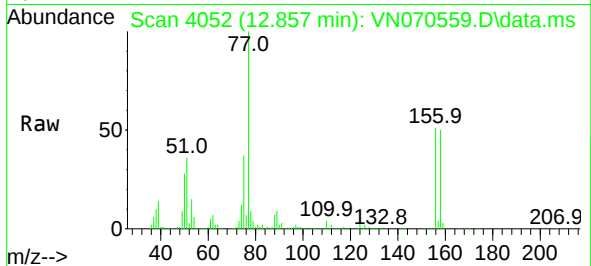
#77
Bromobenzene
Concen: 44.764 ug/l
RT: 12.857 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 648748
Ion Ratio Lower Upper
156 100
77 226.7 90.6 271.8
158 97.2 48.9 146.7

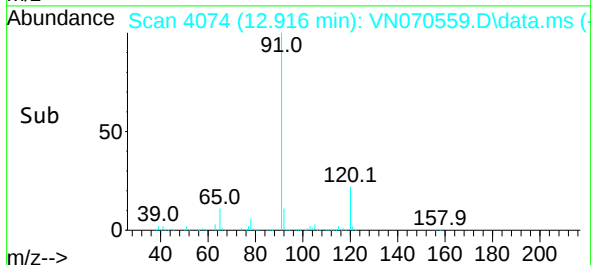
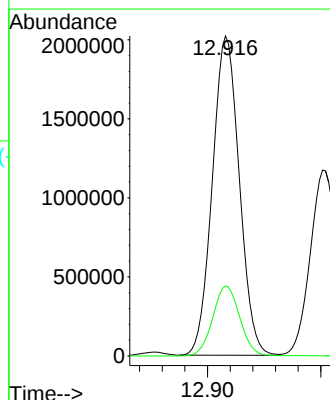
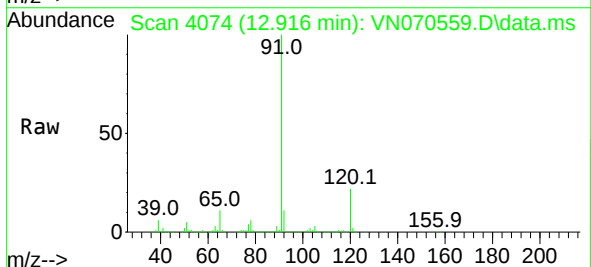
Manual Integrations
APPROVED

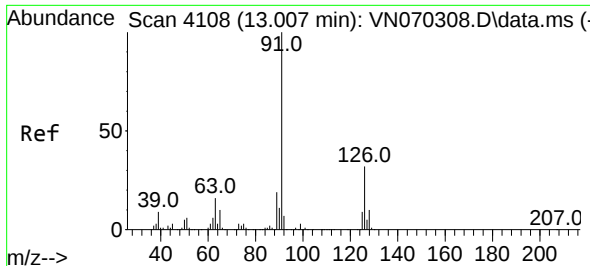
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#78
n-propylbenzene
Concen: 47.676 ug/l
RT: 12.916 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion: 91 Resp: 3334561
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





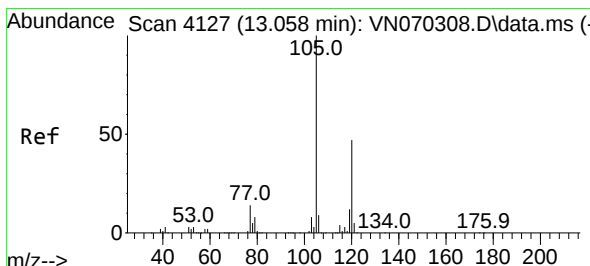
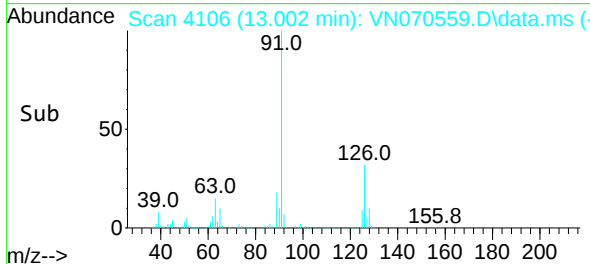
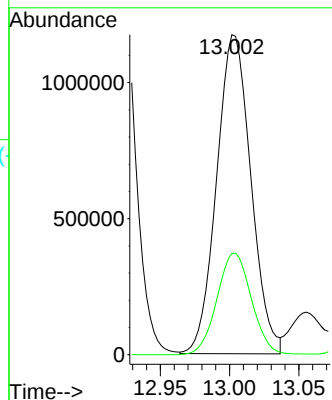
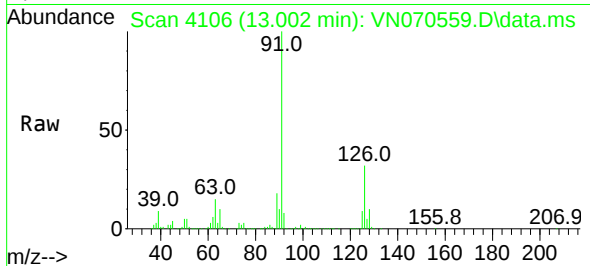
#79
2-Chlorotoluene
Concen: 45.072 ug/l
RT: 13.002 min Scan# 4108
Delta R.T. -0.005 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2022692
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

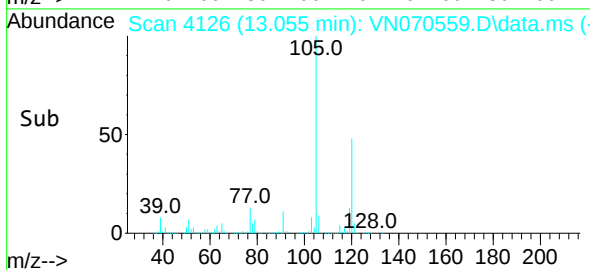
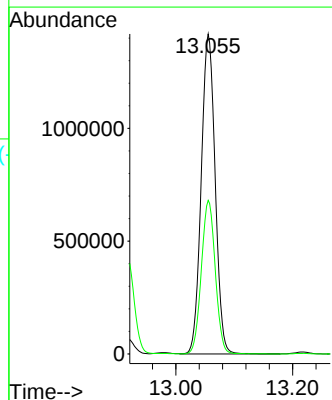
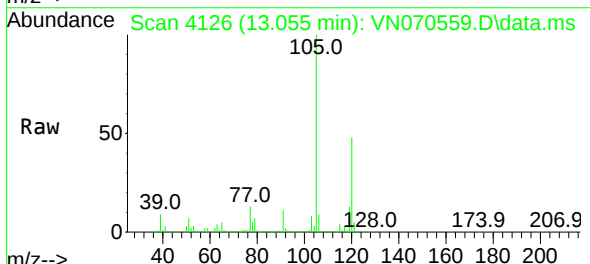
Manual Integrations
APPROVED

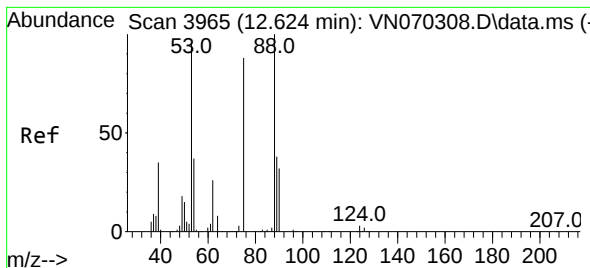
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.451 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

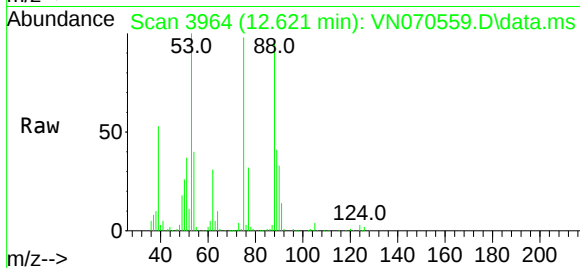
Tgt Ion:105 Resp: 2349737
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.510 ug/l
RT: 12.621 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

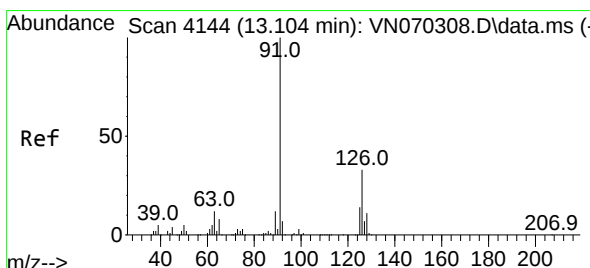
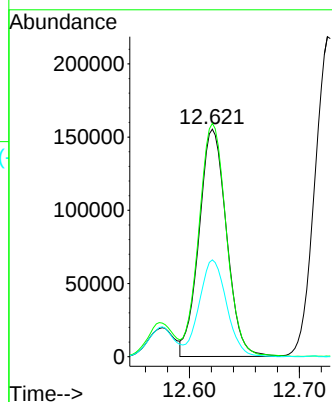
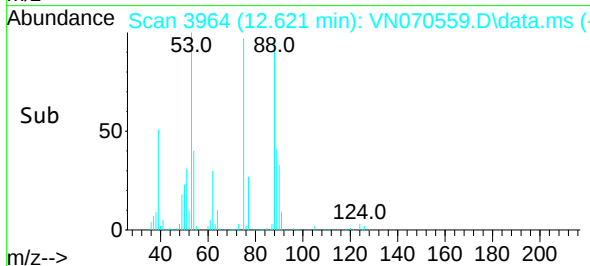
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 26989
Ion Ratio Lower Upper
75 100
53 102.5 90.5 135.7
89 42.5 38.2 57.4

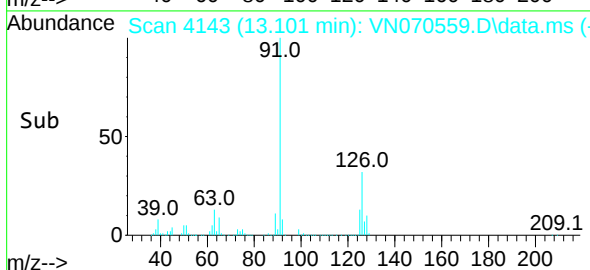
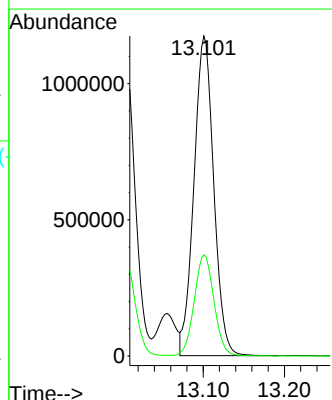
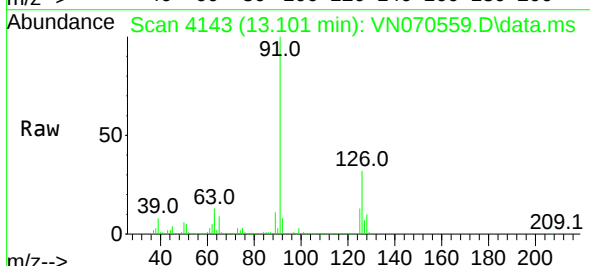
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#82
4-Chlorotoluene
Concen: 47.033 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

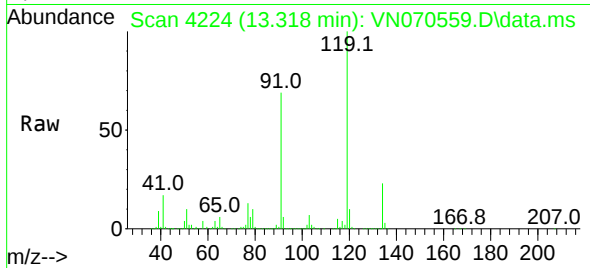
Tgt Ion: 91 Resp: 1977111
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.512 ug/l
RT: 13.318 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

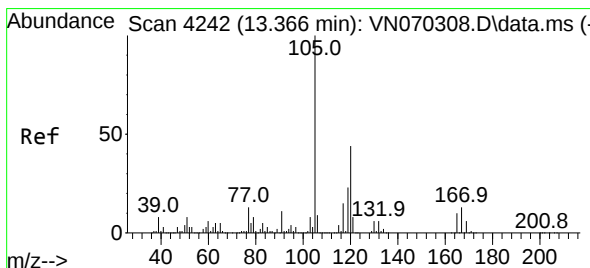
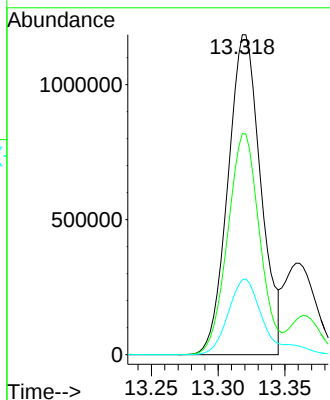
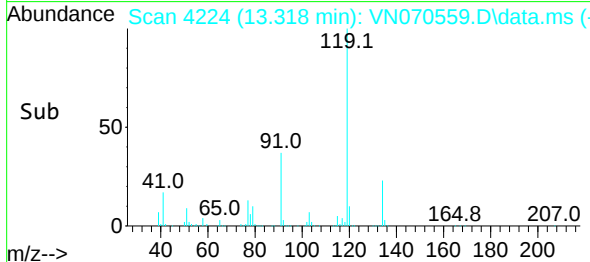
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



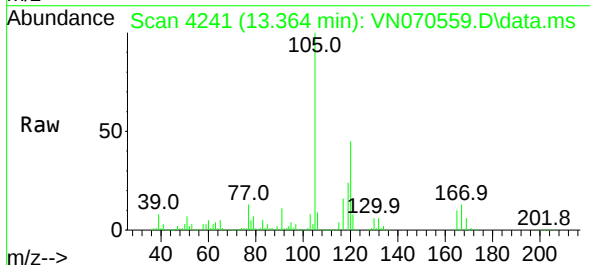
Tgt Ion:119 Resp: 2027204
Ion Ratio Lower Upper
119 100
91 67.6 31.5 94.5
134 25.8 12.4 37.4

Manual Integrations
APPROVED

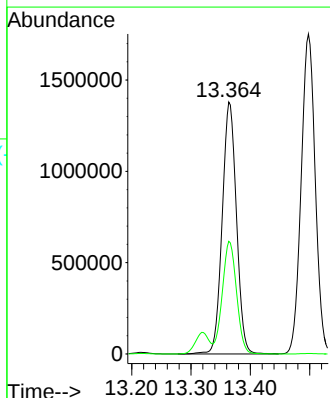
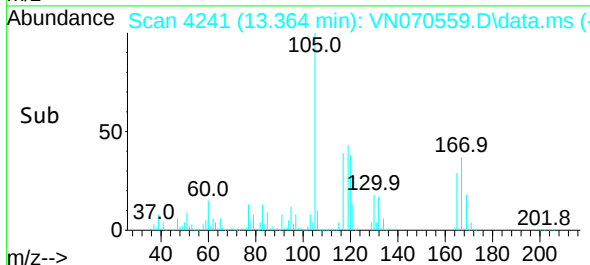
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

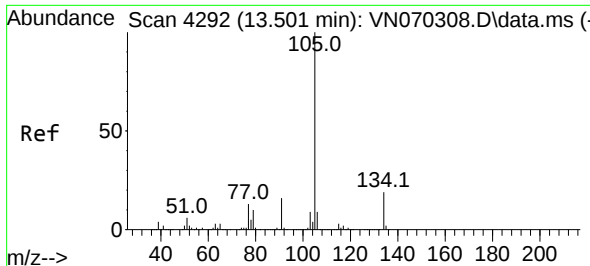


#84
1,2,4-Trimethylbenzene
Concen: 47.438 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



Tgt Ion:105 Resp: 2310721
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





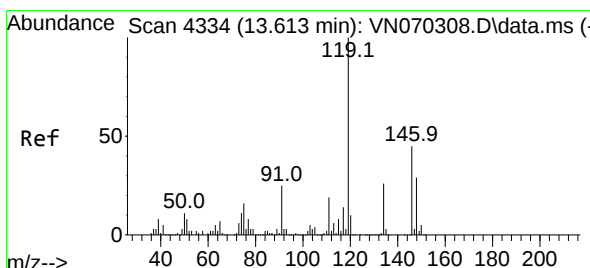
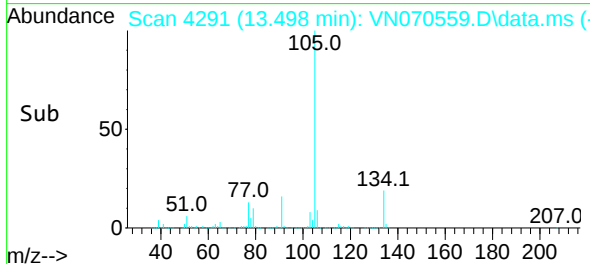
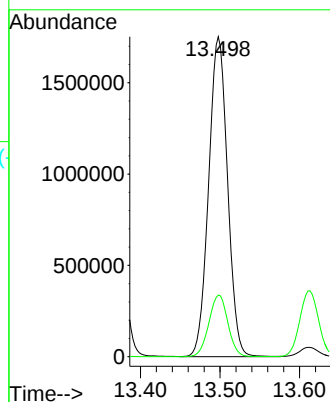
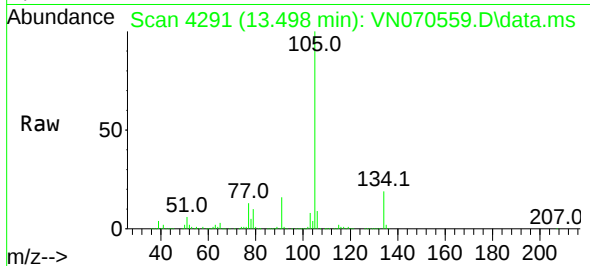
#85
 sec-Butylbenzene
 Concen: 47.713 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070559.D
 Acq: 11 Jan 2022 10:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 288540
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

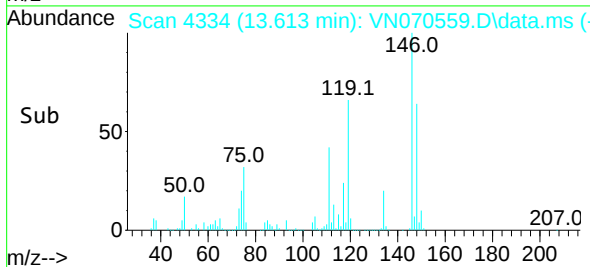
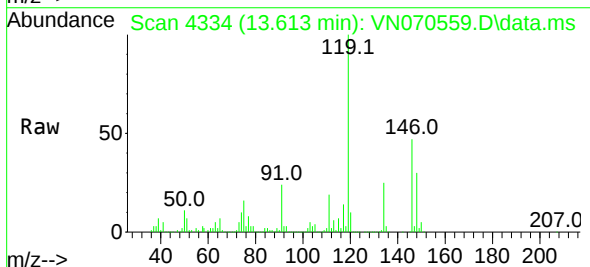
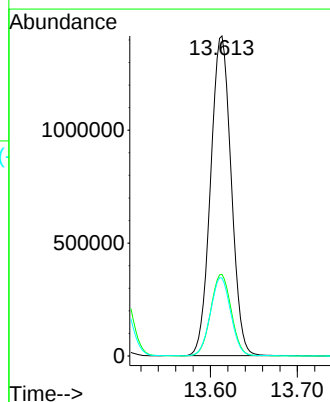
Manual Integrations
 APPROVED

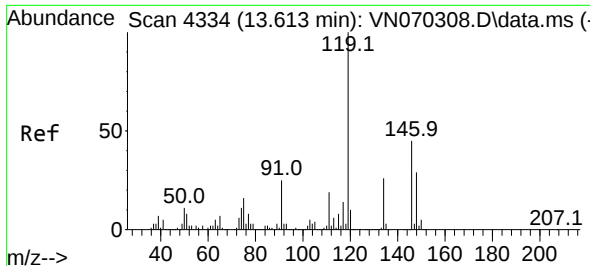
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#86
 p-Isopropyltoluene
 Concen: 48.962 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070559.D
 Acq: 11 Jan 2022 10:09

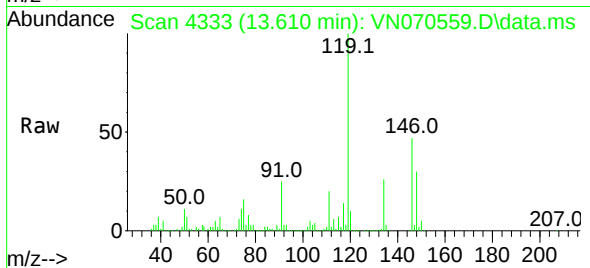
Tgt Ion:119 Resp: 2325920
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 24.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.766 ug/l
RT: 13.610 min Scan# 4333
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

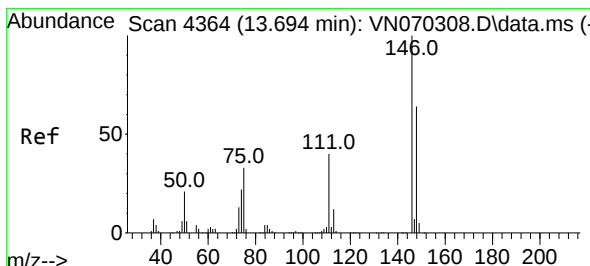
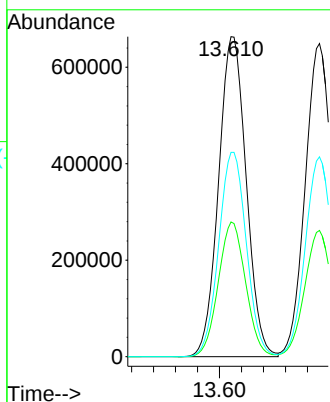
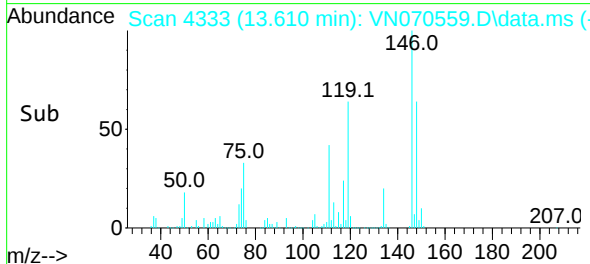
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



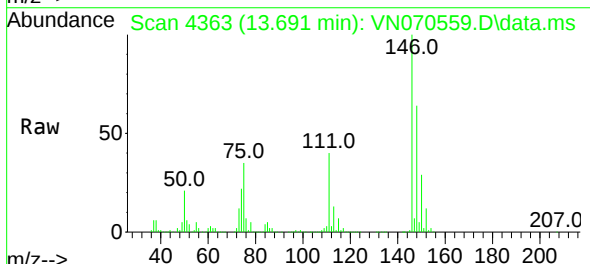
Tgt Ion:146 Resp: 115886
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

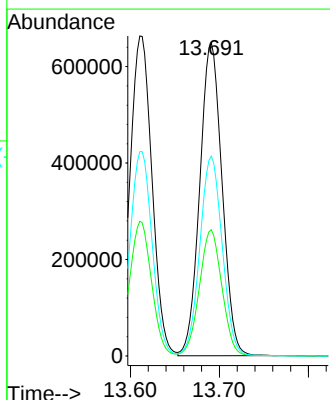
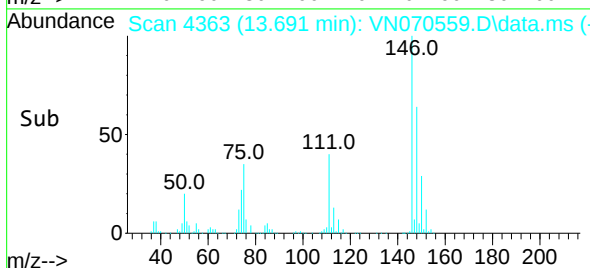
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

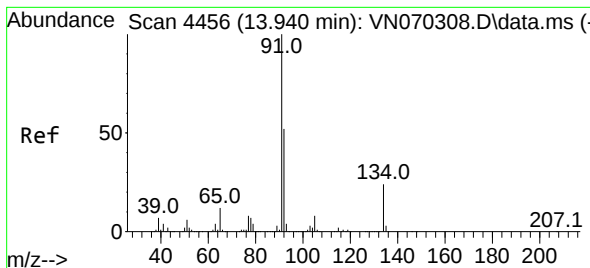


#88
1,4-Dichlorobenzene
Concen: 47.223 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



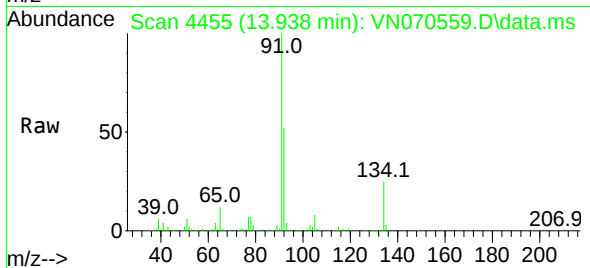
Tgt Ion:146 Resp: 1130131
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 49.552 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

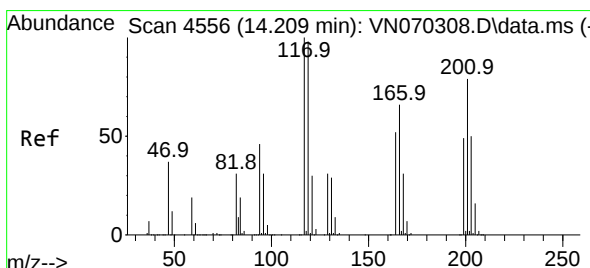
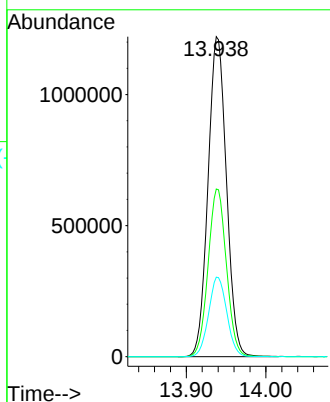
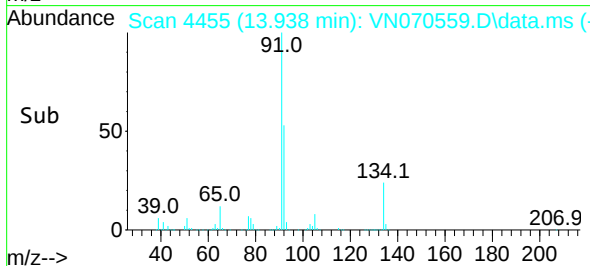
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1963414
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 24.7 13.6 40.8

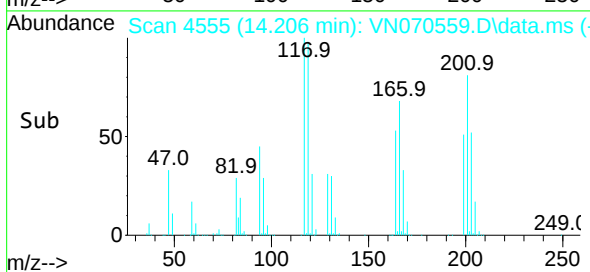
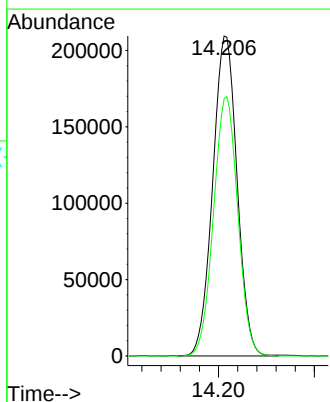
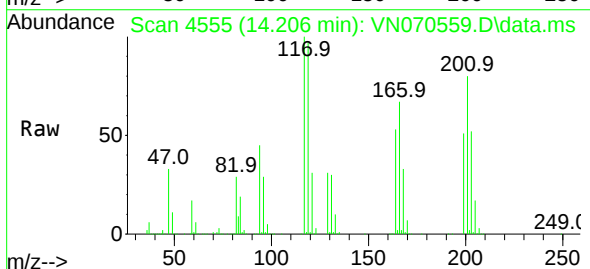
Manual Integrations
APPROVED

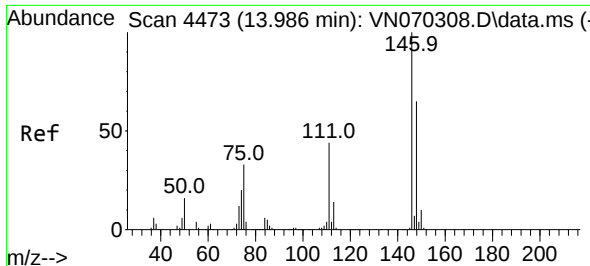
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 44.750 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

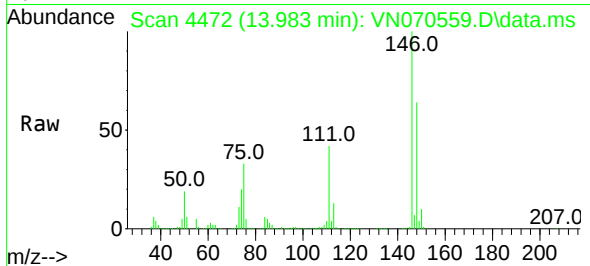
Tgt Ion:117 Resp: 369309
Ion Ratio Lower Upper
117 100
201 80.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.573 ug/l
RT: 13.983 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

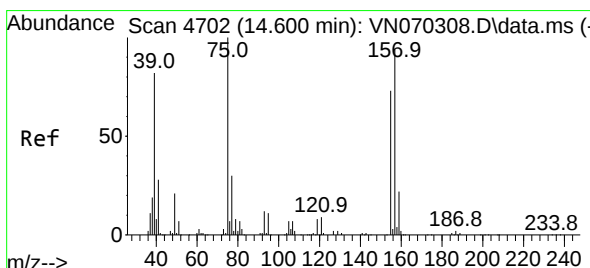
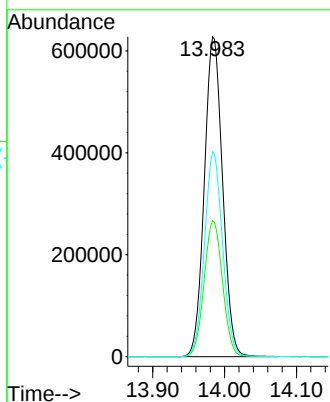
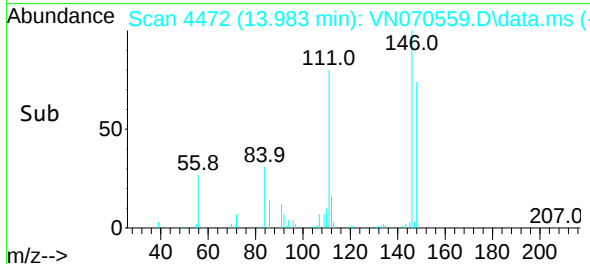
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 1107670
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.6 32.1 96.3

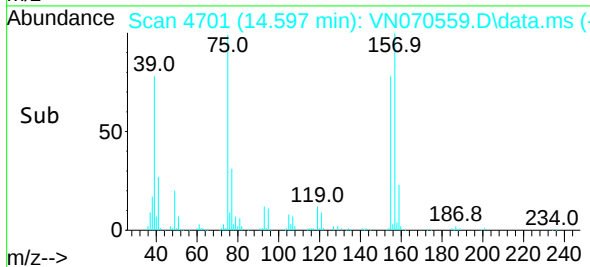
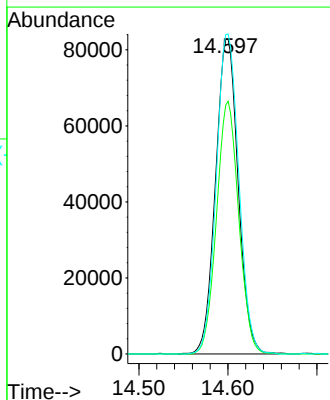
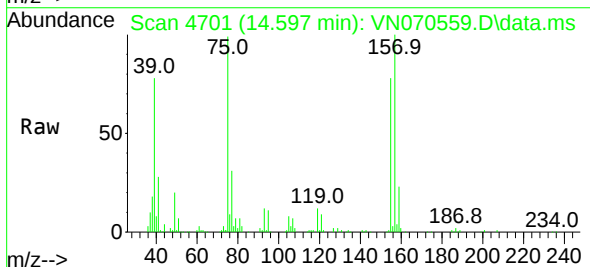
Manual Integrations
APPROVED

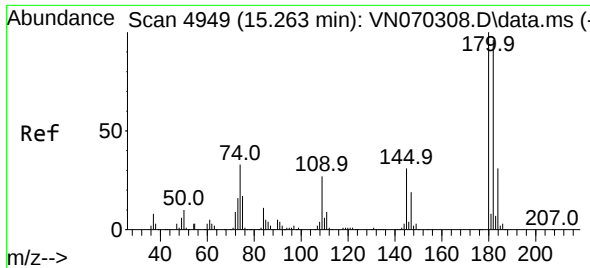
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.097 ug/l
RT: 14.597 min Scan# 4701
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

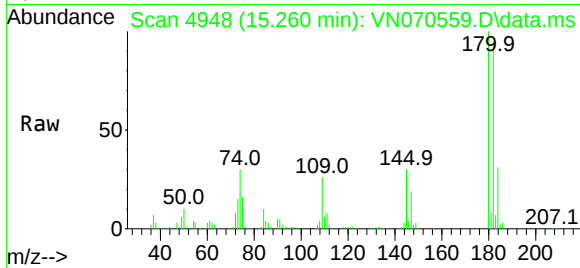
Tgt Ion: 75 Resp: 146626
Ion Ratio Lower Upper
75 100
155 78.6 46.9 140.7
157 100.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 48.892 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

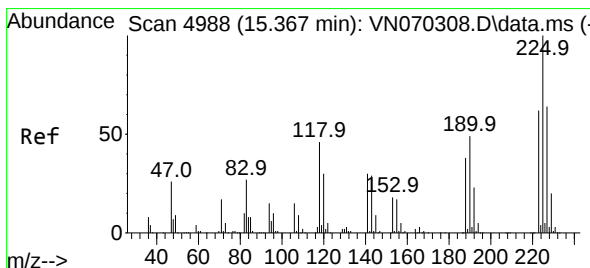
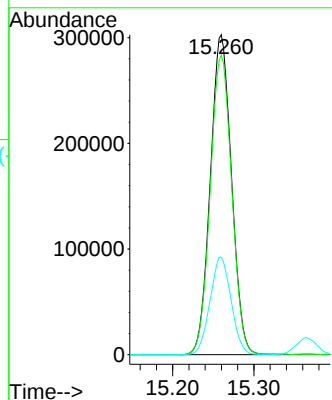
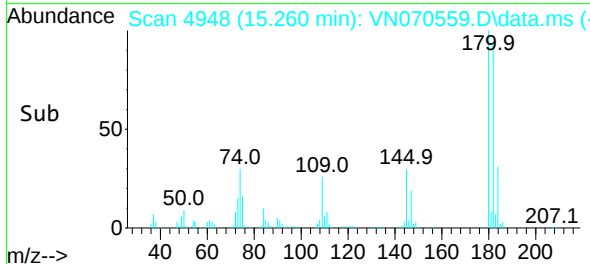
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



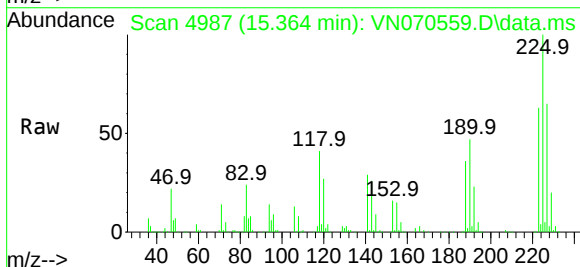
Tgt Ion:180 Resp: 54790
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.9
145 30.4 14.5 43.5

Manual Integrations
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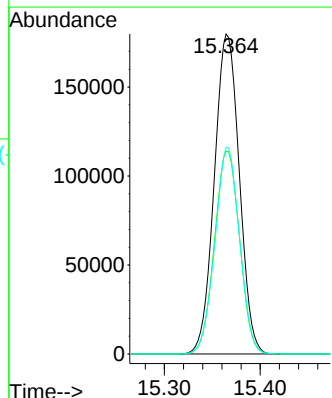
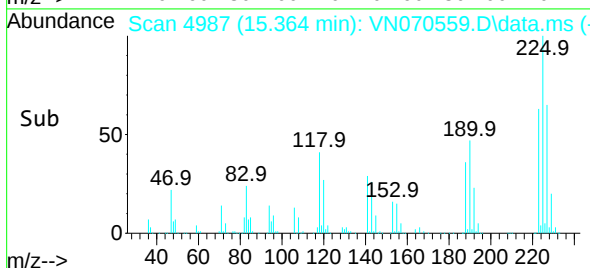
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

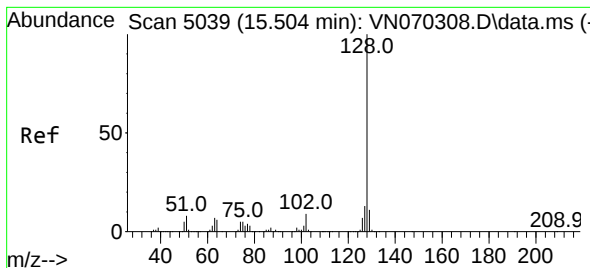


#94
Hexachlorobutadiene
Concen: 49.938 ug/l
RT: 15.364 min Scan# 4987
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09



Tgt Ion:225 Resp: 325246
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 63.6 32.1 96.3





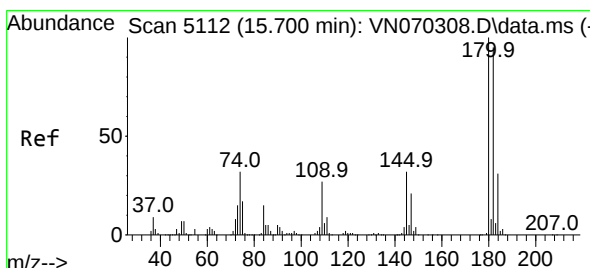
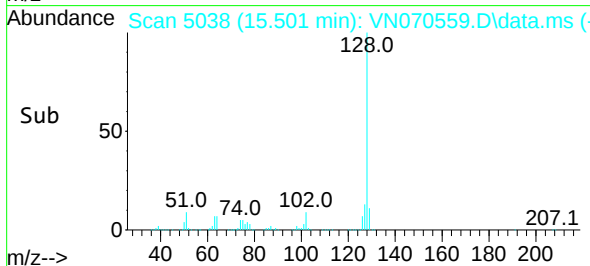
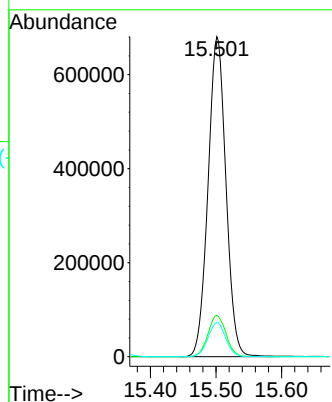
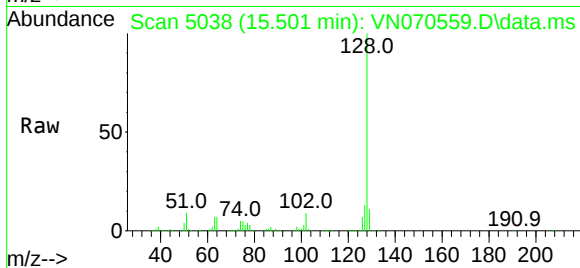
#95
Naphthalene
Concen: 41.916 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 128886
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.301 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN070559.D
Acq: 11 Jan 2022 10:09

Tgt Ion:180 Resp: 506546
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.7 15.0 45.1

