

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070453.D
 Acq On : 4 Jan 2022 10:25
 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 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:11:41 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	987408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1596697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1476049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.670	152	650280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	747581	52.658	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.320%			
35) Dibromofluoromethane	8.019	113	542351	56.139	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.280%			
50) Toluene-d8	10.438	98	2181696	55.281	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.560%			
62) 4-Bromofluorobenzene	12.728	95	824156	57.819	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	569440	50.853	ug/l	99
3) Chloromethane	2.303	50	743234	48.793	ug/l	99
4) Vinyl Chloride	2.448	62	697660	50.306	ug/l	99
5) Bromomethane	2.853	94	366784	51.241	ug/l	99
6) Chloroethane	3.020	64	418268	50.081	ug/l	98
7) Trichlorofluoromethane	3.379	101	850012	50.922	ug/l	97
8) Diethyl Ether	3.824	74	396312	53.857	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	550464	53.916	ug/l	96
10) Methyl Iodide	4.420	142	710171	51.398	ug/l	98
11) Tert butyl alcohol	5.369	59	538657	227.870	ug/l	99
12) 1,1-Dichloroethene	4.181	96	525122	52.218	ug/l	92
13) Acrolein	4.041	56	416979	217.401	ug/l	99
14) Allyl chloride	4.841	41	1212032	53.159	ug/l	88
15) Acrylonitrile	5.549	53	1885202	255.566	ug/l	100
16) Acetone	4.280	43	2501237	271.399	ug/l	100
17) Carbon Disulfide	4.529	76	1362241	49.626	ug/l	99
18) Methyl Acetate	4.849	43	1315896	49.360	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	2004088	53.663	ug/l	94
20) Methylene Chloride	5.093	84	641510	50.310	ug/l	85
21) trans-1,2-Dichloroethene	5.594	96	557057	52.318	ug/l #	84
22) Diisopropyl ether	6.493	45	2434846	54.828	ug/l #	91
23) Vinyl Acetate	6.428	43	9295082	269.771	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1212988	52.678	ug/l	98
25) 2-Butanone	7.329	43	3078335	265.278	ug/l	91
26) 2,2-Dichloropropane	7.321	77	930267	51.211	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	672809	52.957	ug/l	86
28) Bromochloromethane	7.651	49	636518	56.523	ug/l #	78
29) Tetrahydrofuran	7.678	42	1749323	252.666	ug/l	87
30) Chloroform	7.815	83	1151880	51.853	ug/l	99
31) Cyclohexane	8.091	56	1158872	51.728	ug/l	87
32) 1,1,1-Trichloroethane	8.011	97	968108	51.686	ug/l	97
36) 1,1-Dichloropropene	8.217	75	872689	54.606	ug/l	96
37) Ethyl Acetate	7.407	43	1072982	51.796	ug/l	96
38) Carbon Tetrachloride	8.204	117	789416	51.729	ug/l	99
39) Methylcyclohexane	9.456	83	1090511	56.363	ug/l	88
40) Benzene	8.456	78	2643985	53.963	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	575451	55.538	ug/l #	87
42) 1,2-Dichloroethane	8.526	62	965262	52.414	ug/l	98
43) Isopropyl Acetate	8.558	43	1730984	52.999	ug/l #	95
44) Trichloroethene	9.212	130	619283	53.194	ug/l	90
45) 1,2-Dichloropropane	9.486	63	732844	55.552	ug/l	100
46) Dibromomethane	9.574	93	439340	53.558	ug/l	94
47) Bromodichloromethane	9.759	83	903576	55.475	ug/l	99
48) Methyl methacrylate	9.555	41	865656	55.567	ug/l #	77
49) 1,4-Dioxane	9.564	88	226839	994.715	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	5472268	266.647	ug/l	97
52) Toluene	10.502	92	1632258	55.038	ug/l	98
53) t-1,3-Dichloropropene	10.714	75	979940	55.574	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	1083091	56.782	ug/l	95
55) 1,1,2-Trichloroethane	10.894	97	635017	54.117	ug/l	97
56) Ethyl methacrylate	10.757	69	1089854	56.211	ug/l	89
57) 1,3-Dichloropropane	11.041	76	1134380	54.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1004568	206.336	ug/l	90
59) 2-Hexanone	11.082	43	4157580	277.802	ug/l	95
60) Dibromochloromethane	11.234	129	637379	55.672	ug/l	100
61) 1,2-Dibromoethane	11.342	107	634324	53.240	ug/l	100
64) Tetrachloroethene	10.974	164	554048	51.835	ug/l	96
65) Chlorobenzene	11.765	112	1691144	53.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	598252	53.508	ug/l	99
67) Ethyl Benzene	11.841	91	3214461	56.018	ug/l	96
68) m/p-Xylenes	11.950	106	2393350	114.582	ug/l	94
69) o-Xylene	12.275	106	1184152	56.996	ug/l	92
70) Styrene	12.291	104	1954218	59.430	ug/l	96
71) Bromoform	12.455	173	461656	55.636	ug/l #	100
73) Isopropylbenzene	12.575	105	3121048	51.683	ug/l	98
74) N-amyl acetate	12.385	43	1310527	51.614	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	982087	49.556	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	908005m	47.320	ug/l	
77) Bromobenzene	12.857	156	703720	50.758	ug/l	79
78) n-propylbenzene	12.916	91	3640552	54.411	ug/l	97
79) 2-Chlorotoluene	13.004	91	2206380	51.394	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2577375	53.260	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	274839	51.638	ug/l	98
82) 4-Chlorotoluene	13.101	91	2153707	53.556	ug/l	92
83) tert-Butylbenzene	13.321	119	2236174	52.479	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	2528790	54.268	ug/l	98
85) sec-Butylbenzene	13.498	105	3172499	54.839	ug/l	98
86) p-Isopropyltoluene	13.613	119	2568460	56.519	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1240216	53.437	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1202499	52.525	ug/l	96
89) n-Butylbenzene	13.938	91	2149460	56.706	ug/l	97
90) Hexachloroethane	14.206	117	419764	53.170	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	1184170	52.046	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	164189	46.935	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	582727	54.356	ug/l	98
94) Hexachlorobutadiene	15.365	225	340966	54.724	ug/l	99
95) Naphthalene	15.501	128	1431281	48.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	540603	52.674	ug/l	98

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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

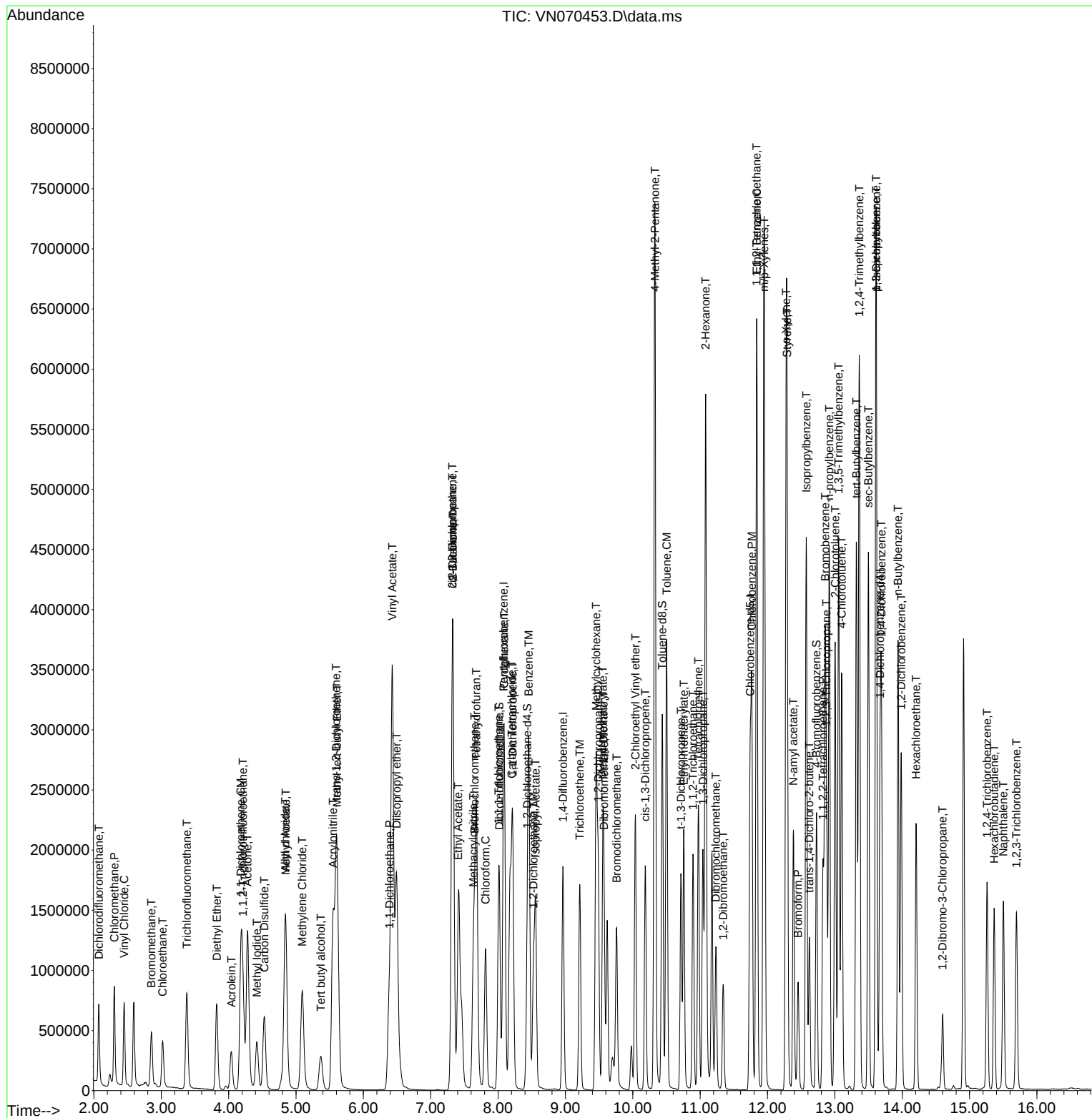
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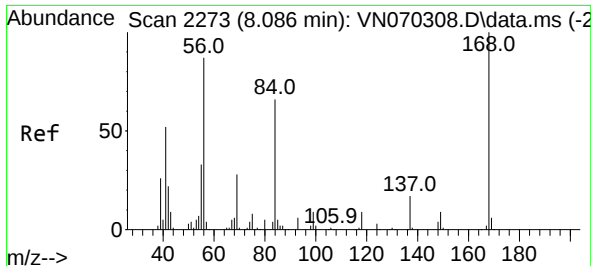
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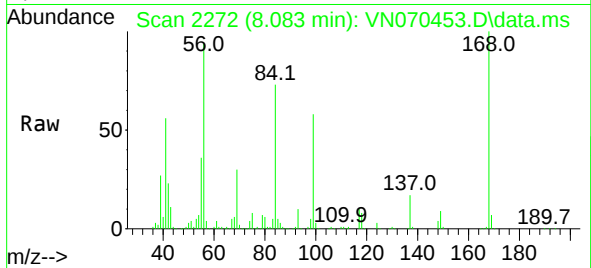
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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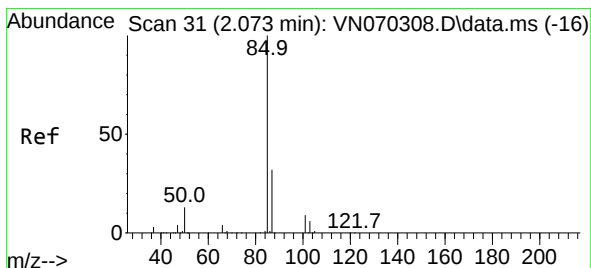
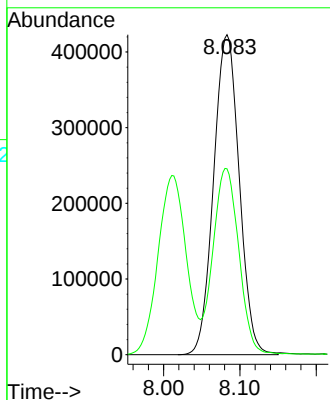
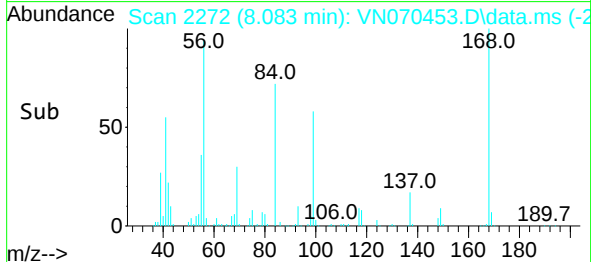
Instrument :
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Tgt Ion:168 Resp: 987408
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9

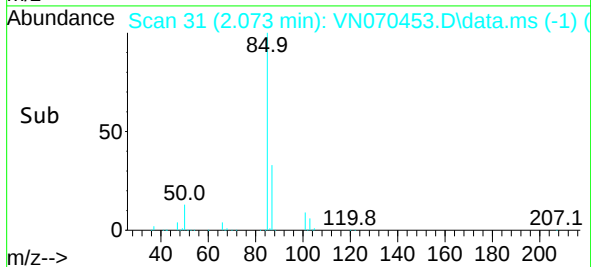
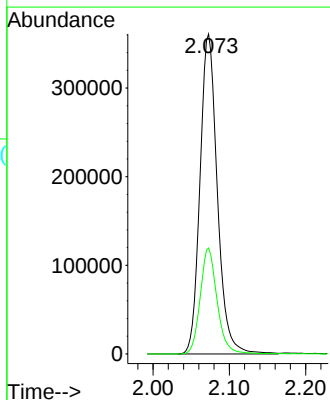
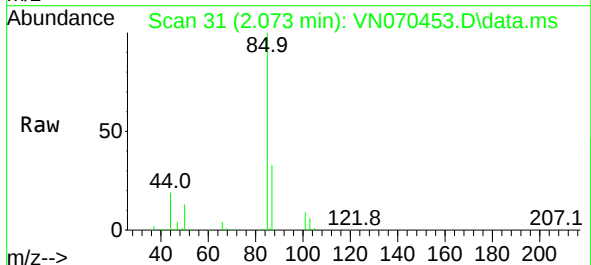
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#2
Dichlorodifluoromethane
Concen: 50.853 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

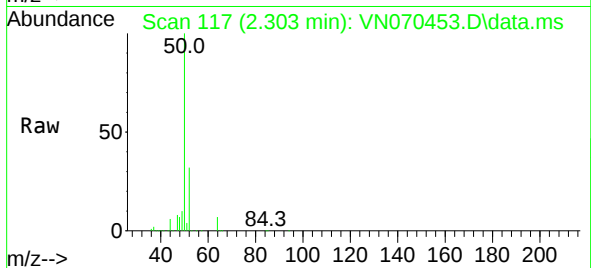
Tgt Ion: 85 Resp: 569440
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9





#3
Chloromethane
Concen: 48.793 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

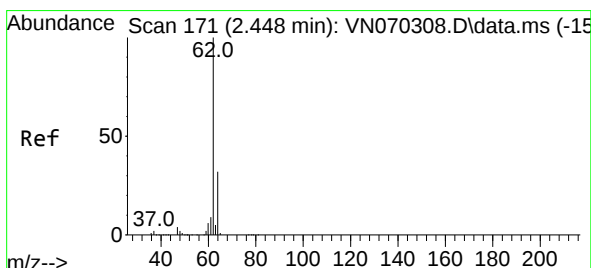
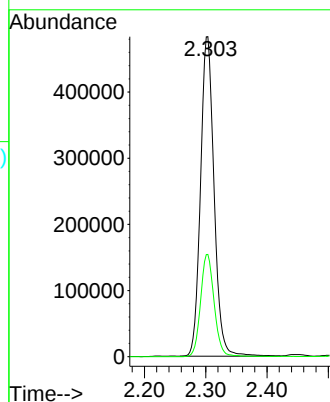
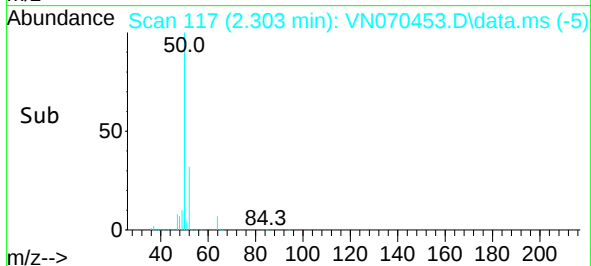
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



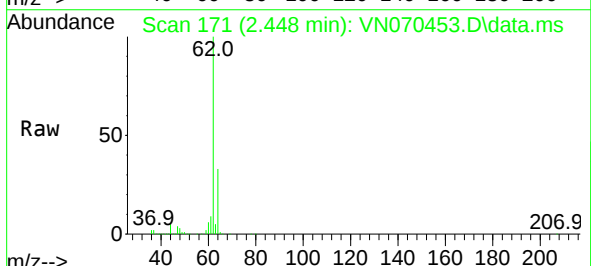
Tgt Ion: 50 Resp: 743234
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

Manual Integrations
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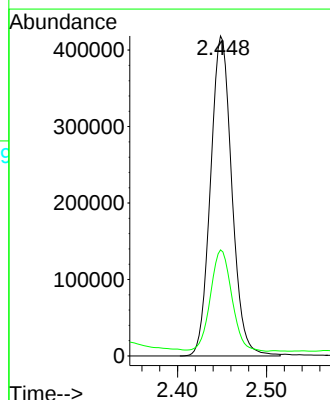
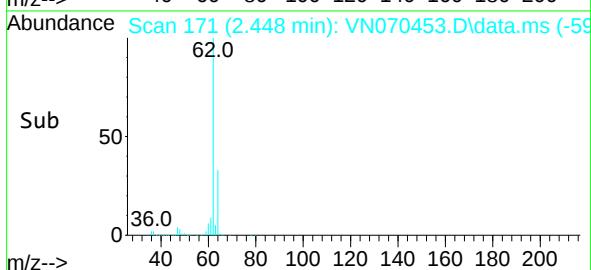
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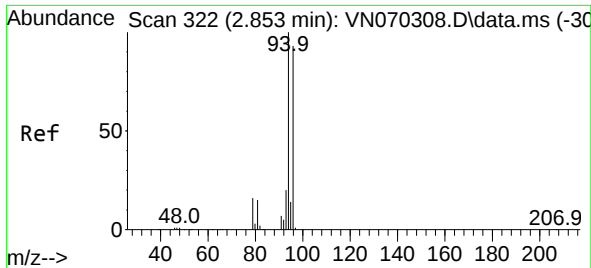


#4
Vinyl Chloride
Concen: 50.306 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



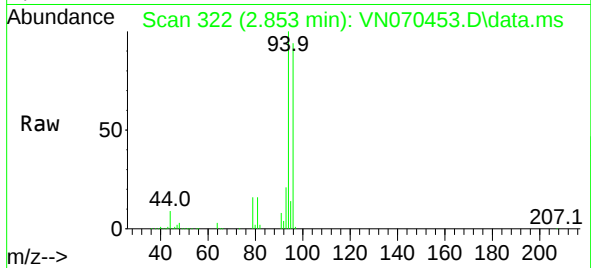
Tgt Ion: 62 Resp: 697660
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 51.241 ug/l
RT: 2.853 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070453.D
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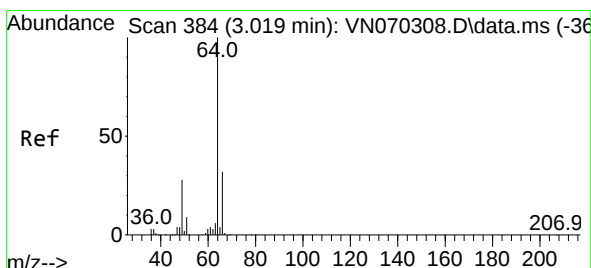
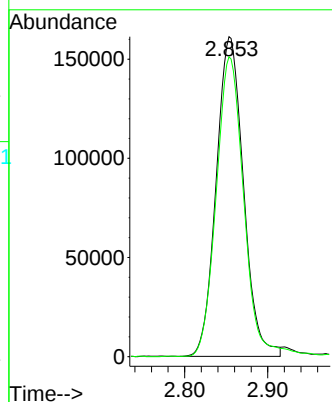
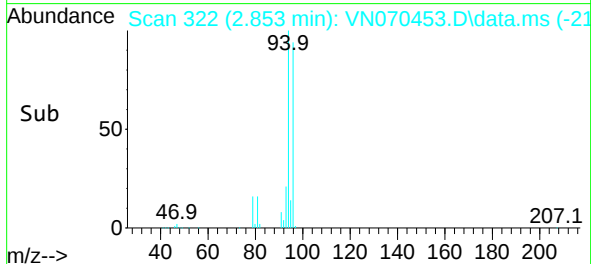
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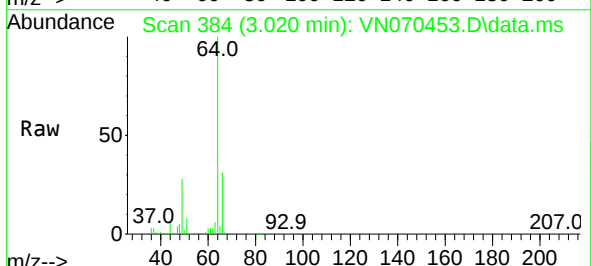
Tgt Ion: 94 Resp: 366784
Ion Ratio Lower Upper
94 100
96 93.7 73.8 110.8

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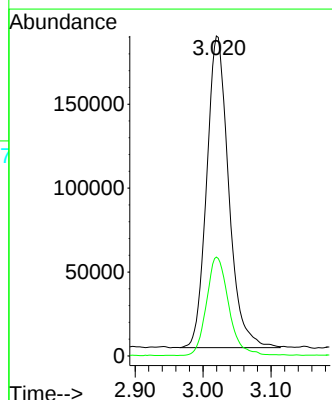
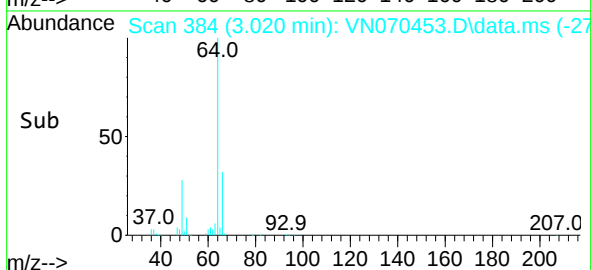
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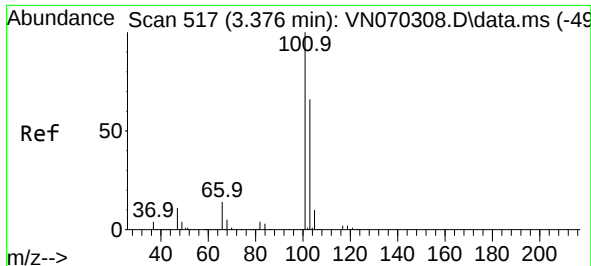


#6
Chloroethane
Concen: 50.081 ug/l
RT: 3.020 min Scan# 384
Delta R.T. 0.001 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion: 64 Resp: 418268
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





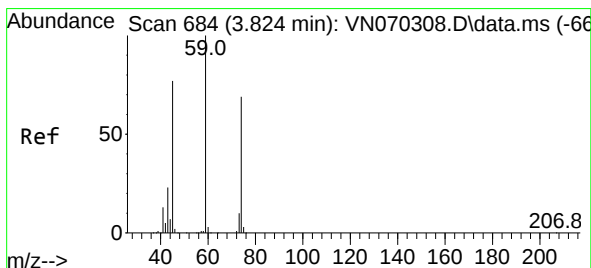
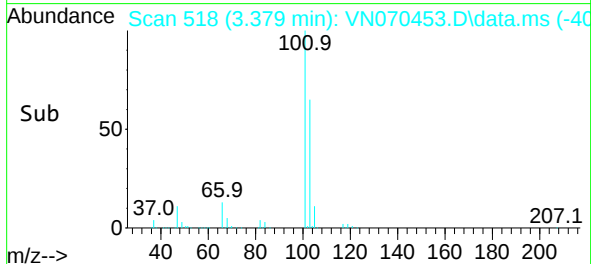
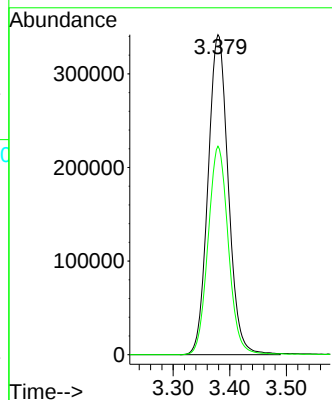
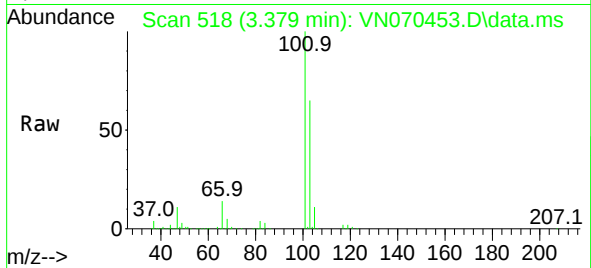
#7
 Trichlorofluoromethane
 Concen: 50.922 ug/l
 RT: 3.379 min Scan# 517
 Delta R.T. 0.003 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25

Instrument :
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Tgt Ion:101 Resp: 850012
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1

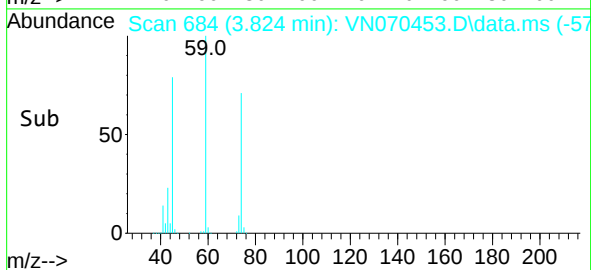
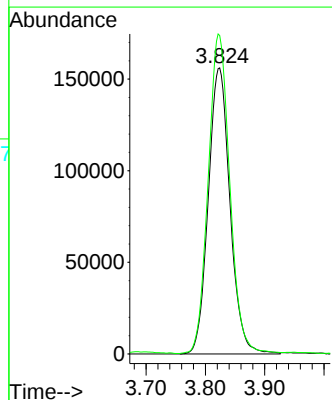
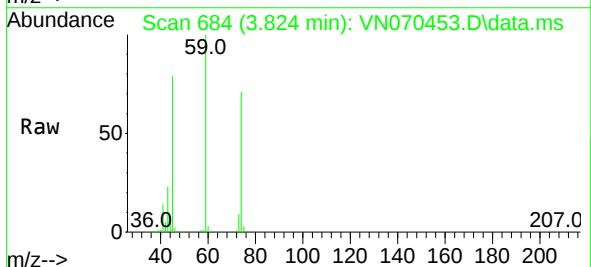
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#8
 Diethyl Ether
 Concen: 53.857 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.000 min
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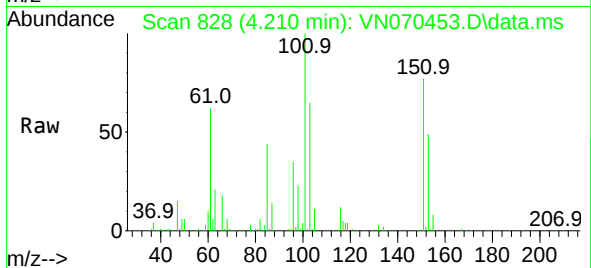
Tgt Ion: 74 Resp: 396312
 Ion Ratio Lower Upper
 74 100
 45 111.1 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.916 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

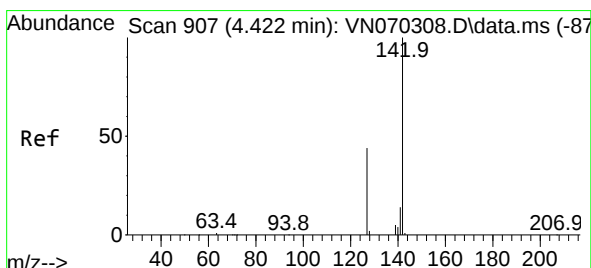
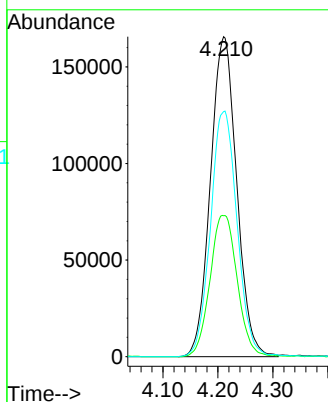
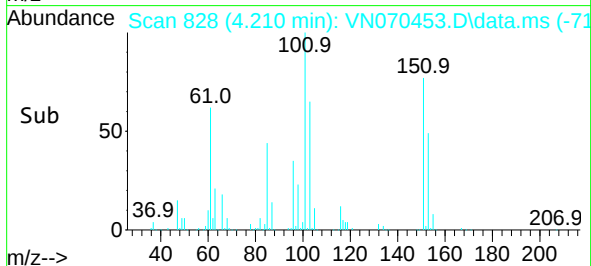
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



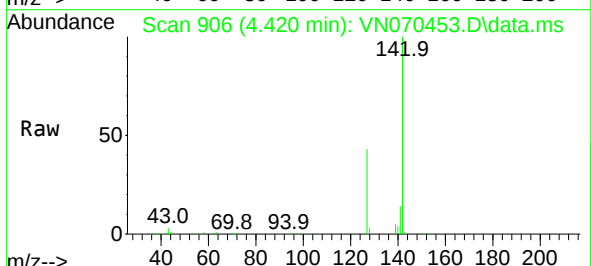
Tgt Ion:101 Resp: 550464
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 77.9 65.9 98.9

Manual Integrations
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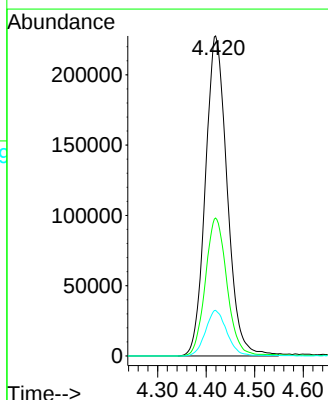
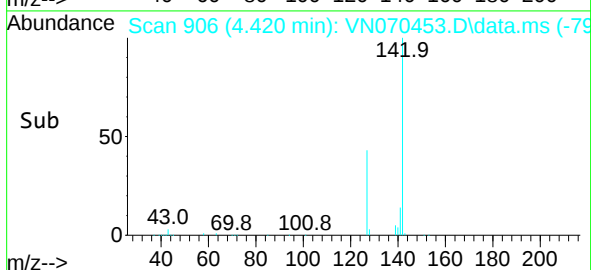
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#10
Methyl Iodide
Concen: 51.398 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



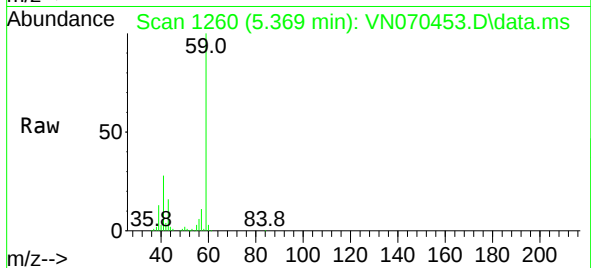
Tgt Ion:142 Resp: 710171
Ion Ratio Lower Upper
142 100
127 42.7 35.4 53.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 227.870 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

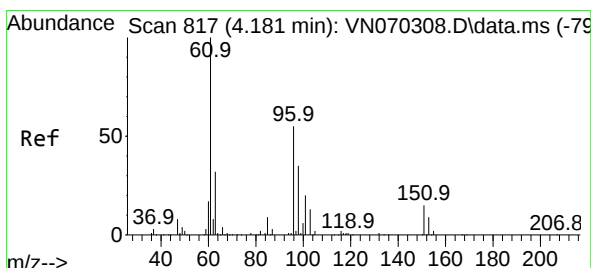
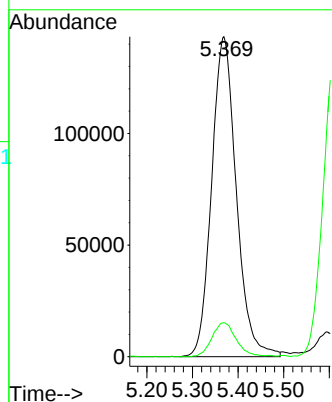
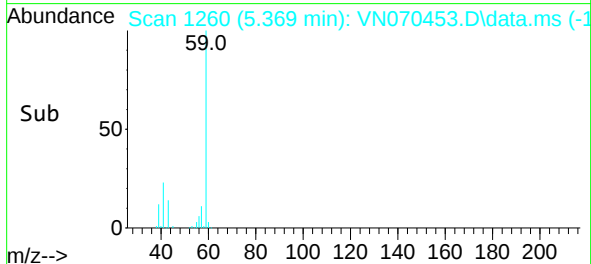
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



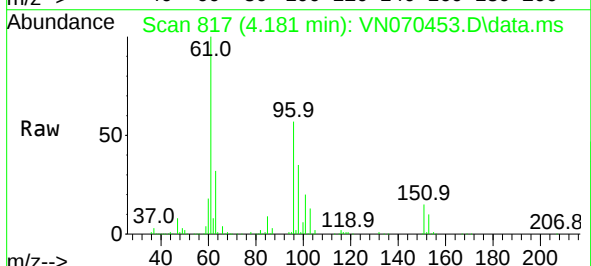
Tgt Ion: 59 Resp: 53865
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

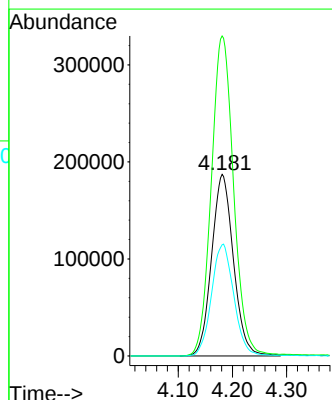
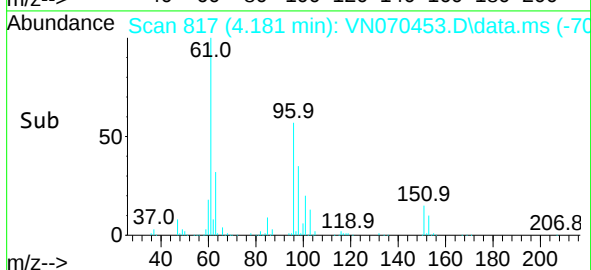
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

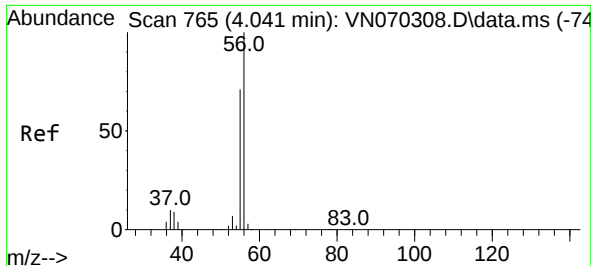


#12
1,1-Dichloroethene
Concen: 52.218 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



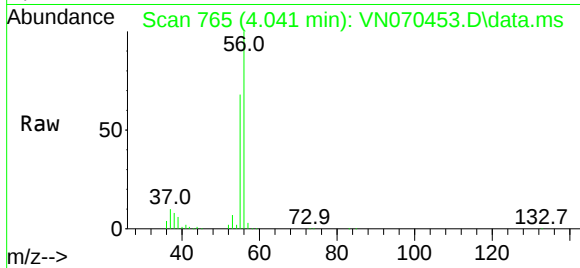
Tgt Ion: 96 Resp: 525122
Ion Ratio Lower Upper
96 100
61 176.3 131.0 196.6
98 61.3 52.4 78.6





#13
Acrolein
Concen: 217.401 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

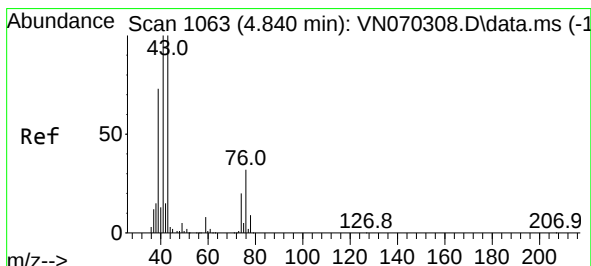
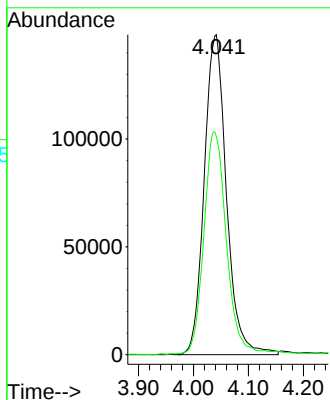
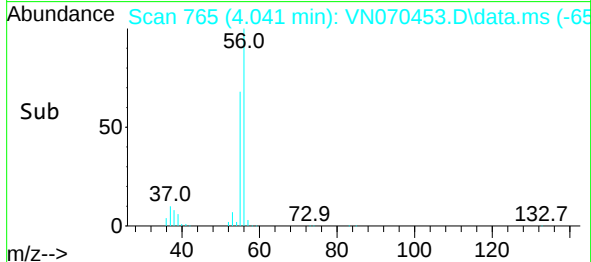
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



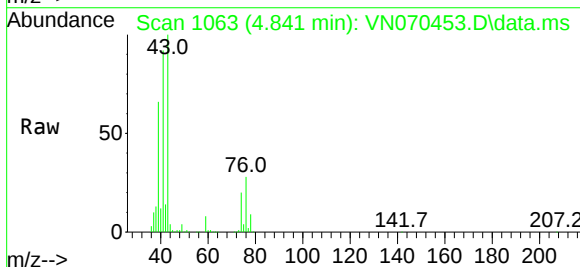
Tgt Ion: 56 Resp: 416979
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0

Manual Integrations
APPROVED

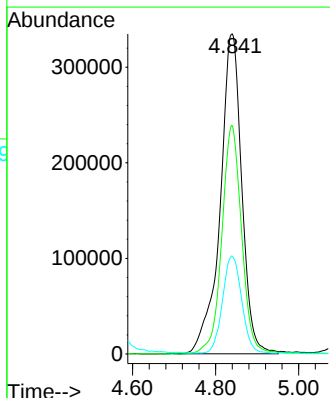
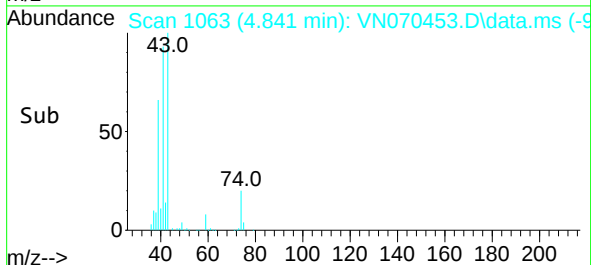
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

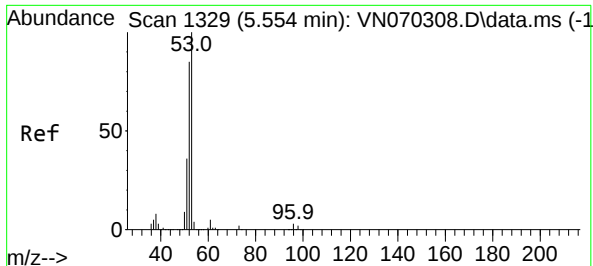


#14
Allyl chloride
Concen: 53.159 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.001 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



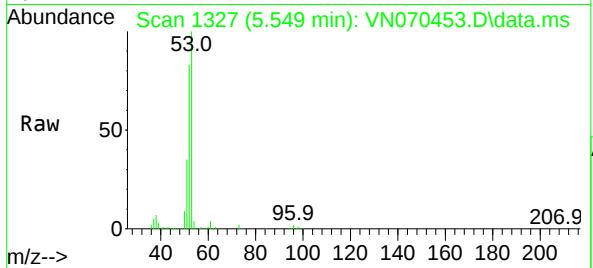
Tgt Ion: 41 Resp: 1212032
Ion Ratio Lower Upper
41 100
39 65.5 61.2 91.8
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 255.566 ug/l
RT: 5.549 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

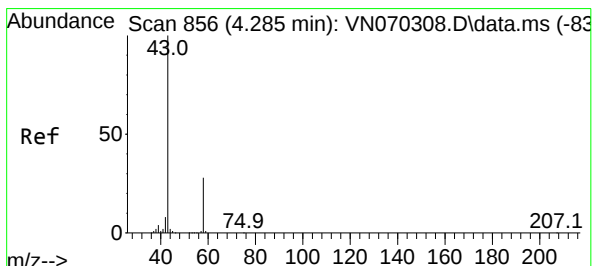
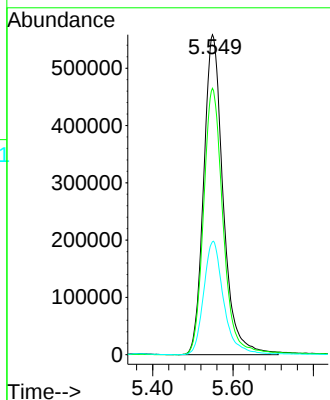
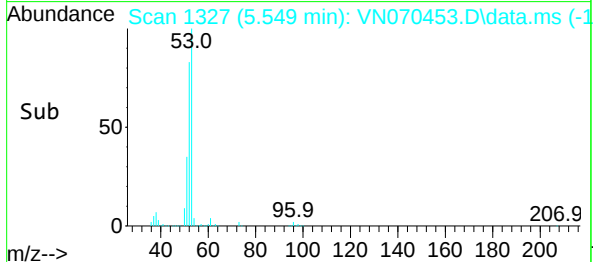
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



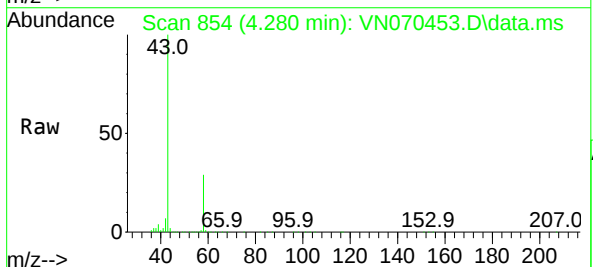
Tgt Ion: 53 Resp: 188520
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.4 29.6 44.4

Manual Integrations
APPROVED

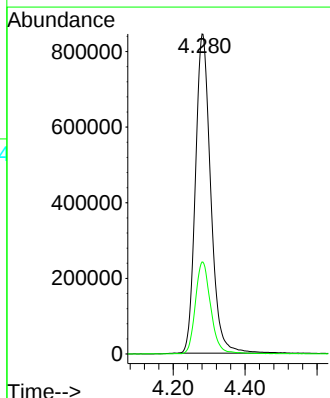
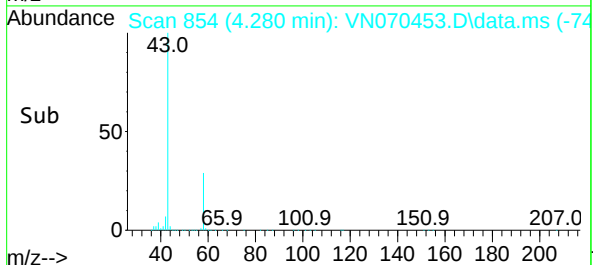
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

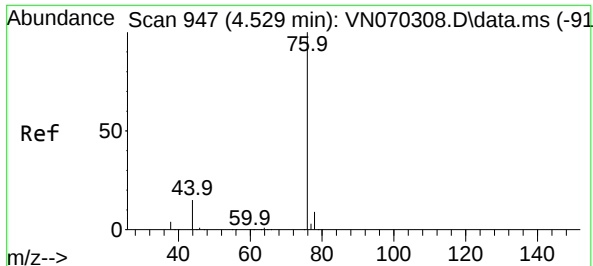


#16
Acetone
Concen: 271.399 ug/l
RT: 4.280 min Scan# 854
Delta R.T. -0.005 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



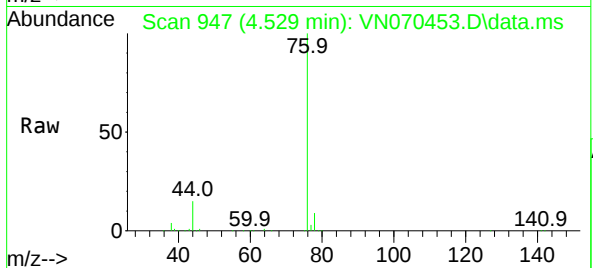
Tgt Ion: 43 Resp: 2501237
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#17
Carbon Disulfide
Concen: 49.626 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

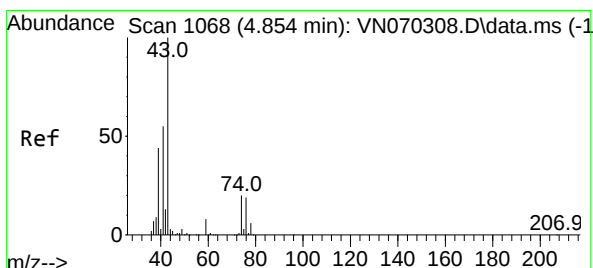
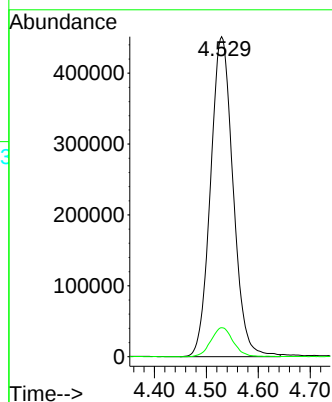
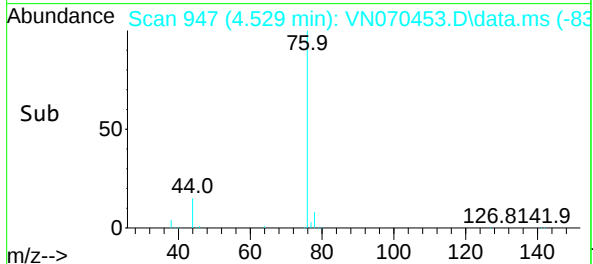
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



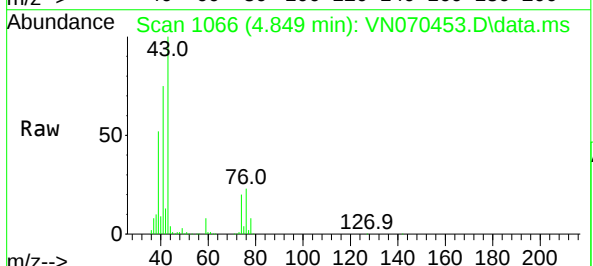
Tgt Ion: 76 Resp: 136224
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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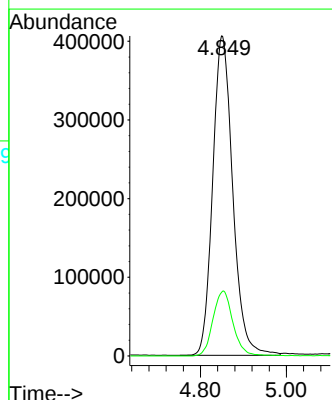
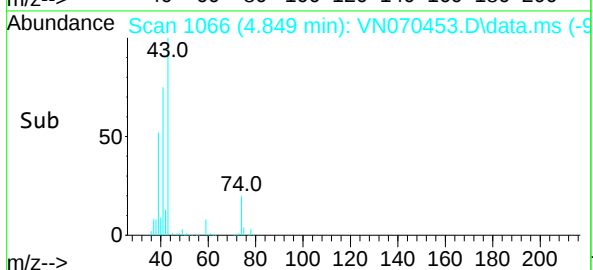
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

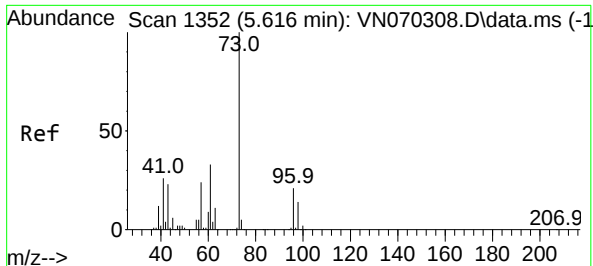


#18
Methyl Acetate
Concen: 49.360 ug/l
RT: 4.849 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



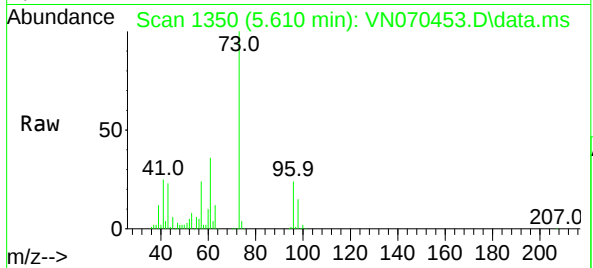
Tgt Ion: 43 Resp: 1315896
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.663 ug/l
RT: 5.610 min Scan# 1157
Delta R.T. -0.006 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

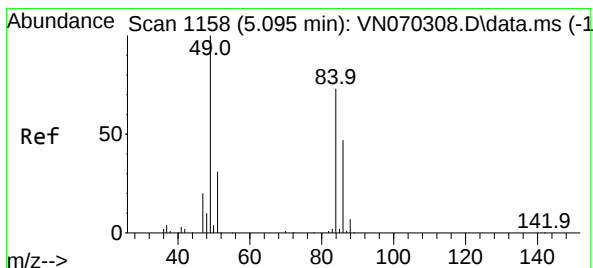
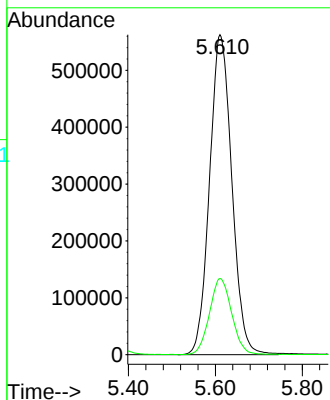
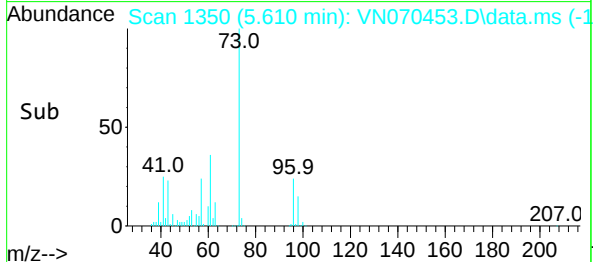
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 200408
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2

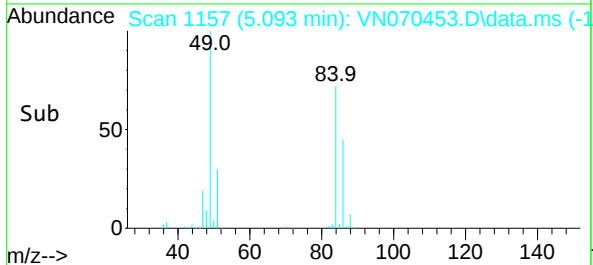
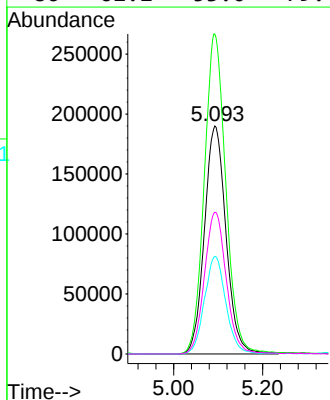
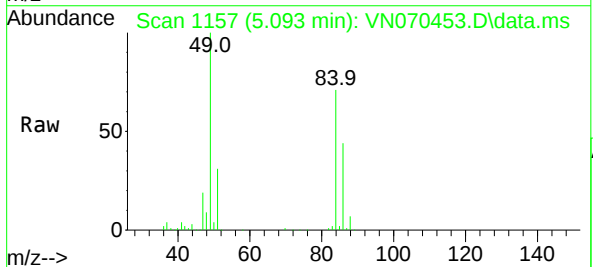
Manual Integrations
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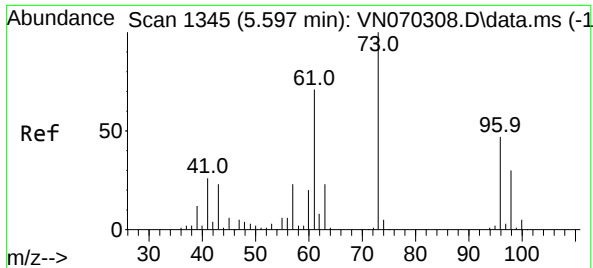
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#20
Methylene Chloride
Concen: 50.310 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

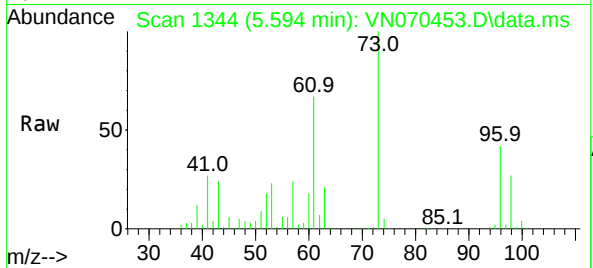
Tgt Ion: 84 Resp: 641510
Ion Ratio Lower Upper
84 100
49 140.2 93.5 140.3
51 42.8 29.4 44.2
86 62.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 52.318 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

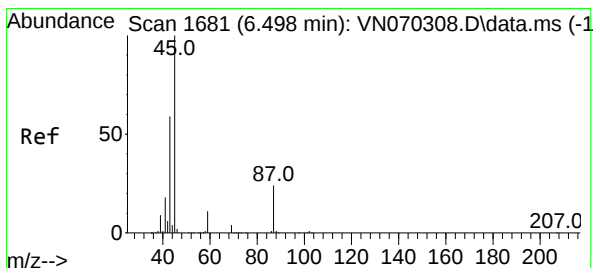
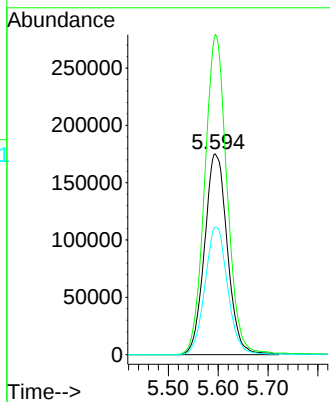
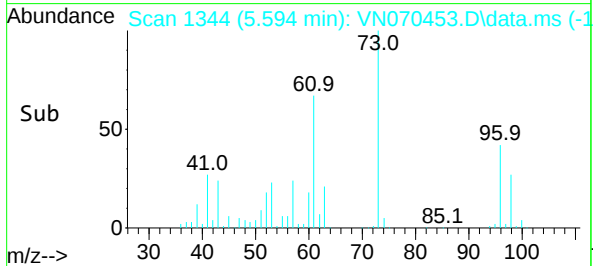
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



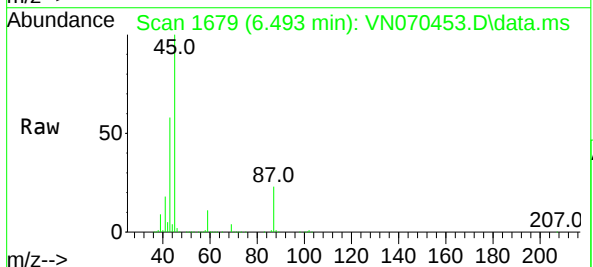
Tgt Ion: 96 Resp: 55705
Ion Ratio Lower Upper
96 100
61 159.3 105.8 158.6
98 63.5 52.0 78.0

Manual Integrations
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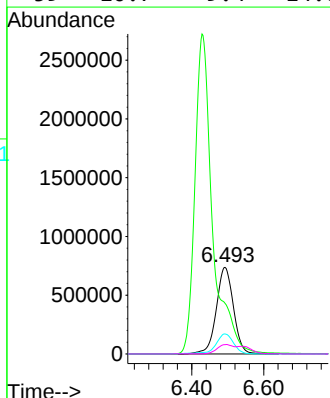
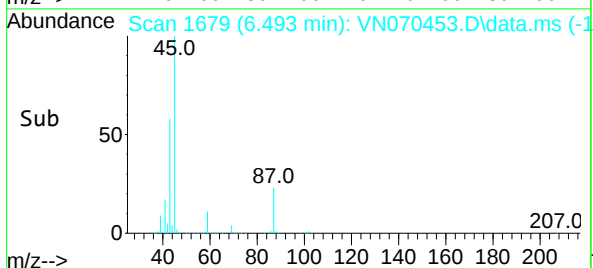
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

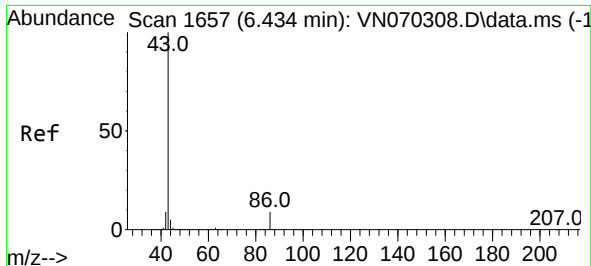


#22
Diisopropyl ether
Concen: 54.828 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



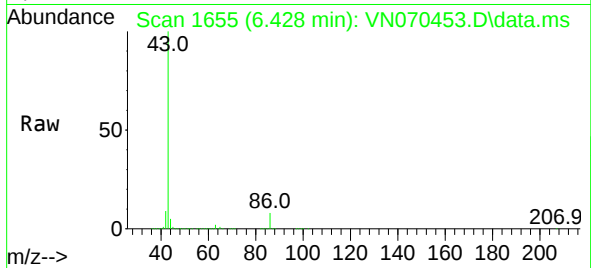
Tgt Ion: 45 Resp: 2434846
Ion Ratio Lower Upper
45 100
43 58.0 51.7 77.5
87 23.0 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 269.771 ug/l
 RT: 6.428 min Scan# 1655
 Delta R.T. -0.006 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25

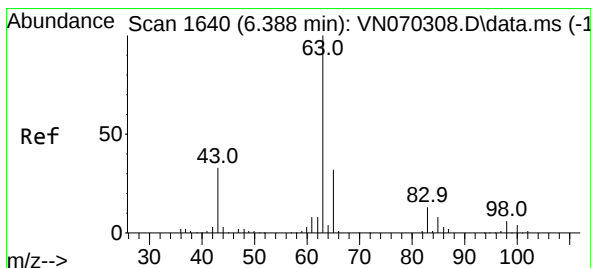
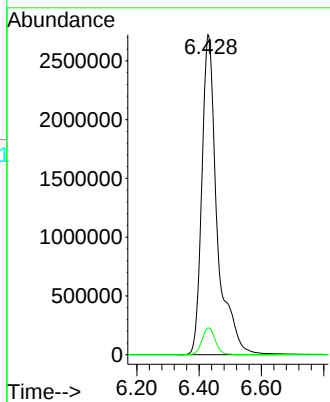
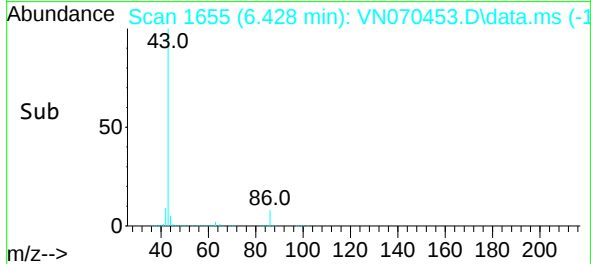
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



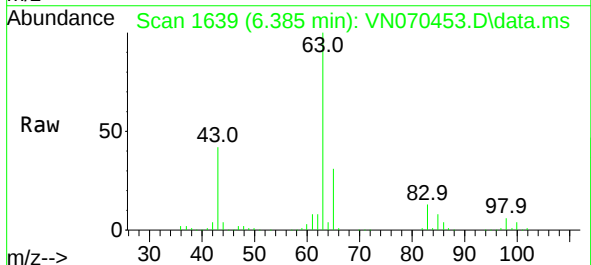
Tgt Ion: 43 Resp: 929508
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
 APPROVED

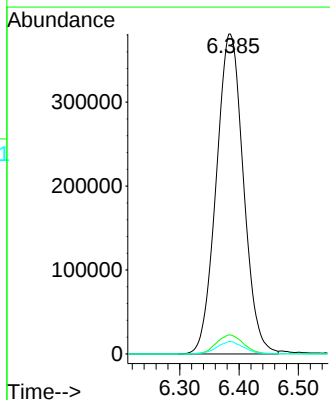
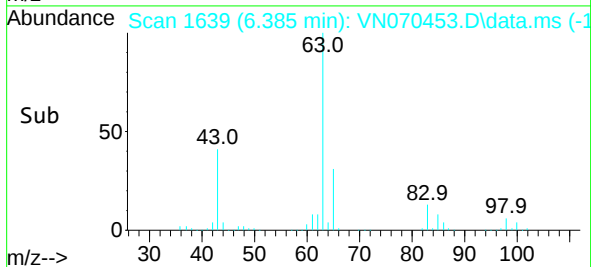
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

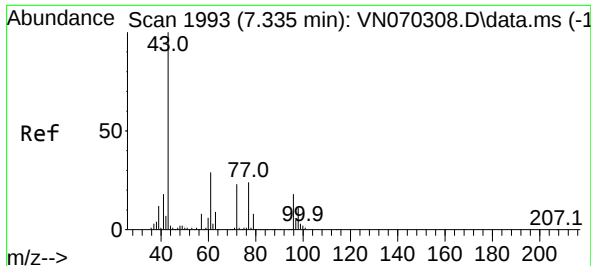


#24
 1,1-Dichloroethane
 Concen: 52.678 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25



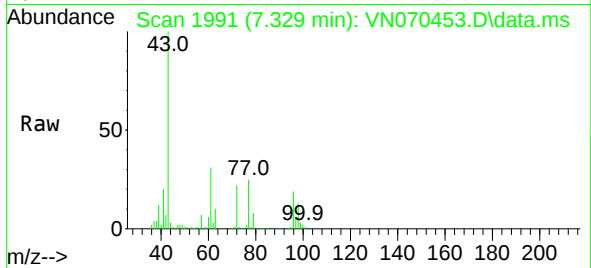
Tgt Ion: 63 Resp: 1212988
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 265.278 ug/l
RT: 7.329 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

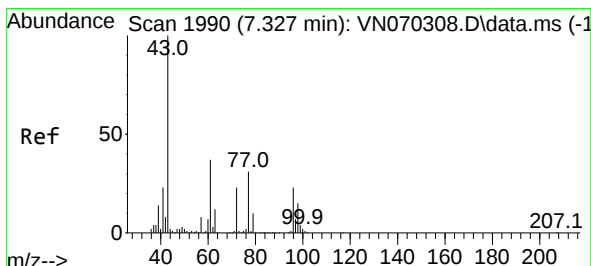
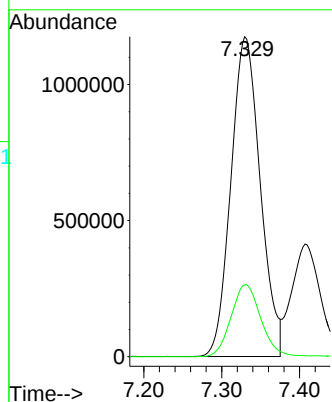
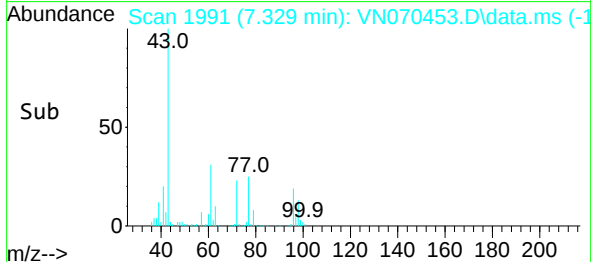
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



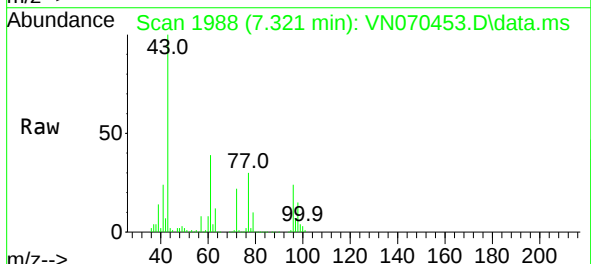
Tgt Ion: 43 Resp: 307833
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

Manual Integrations
APPROVED

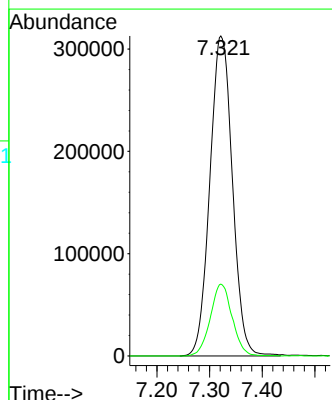
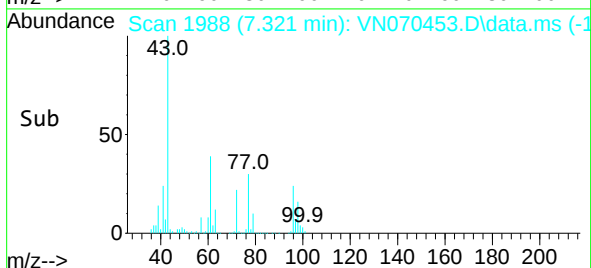
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#26
2,2-Dichloropropane
Concen: 51.211 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion: 77 Resp: 930267
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.957 ug/l

RT: 7.321 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 672809

Ion Ratio Lower Upper

96 100

61 162.3 0.0 275.0

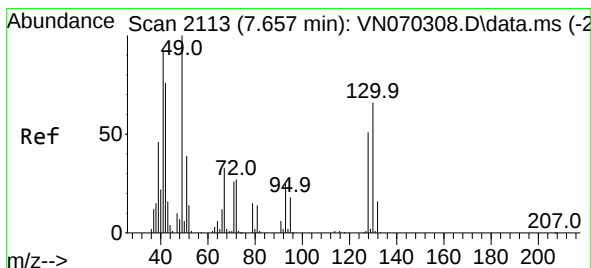
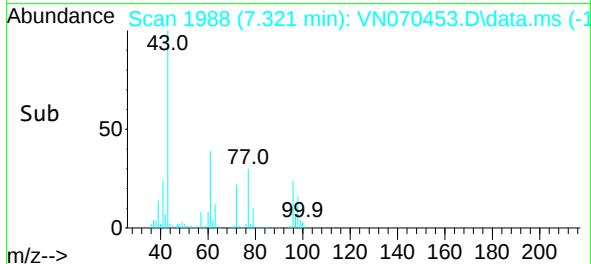
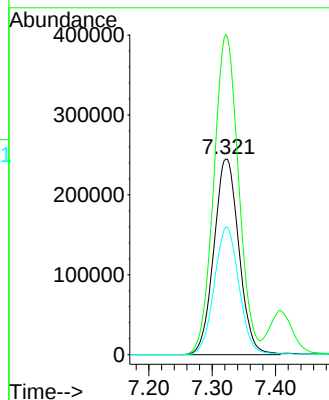
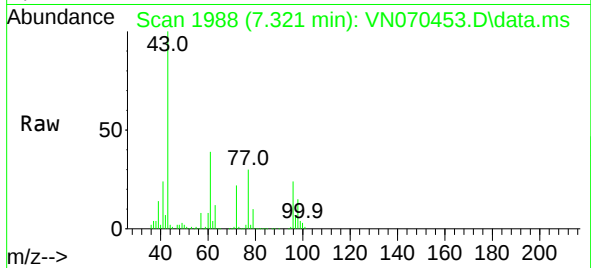
98 64.7 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#28

Bromochloromethane

Concen: 56.523 ug/l

RT: 7.651 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

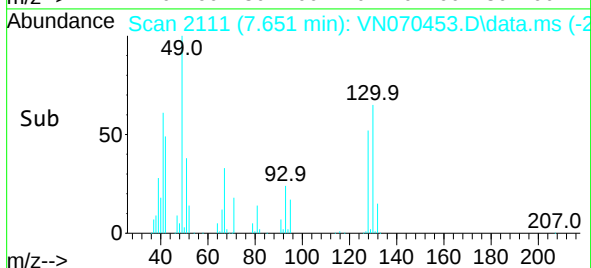
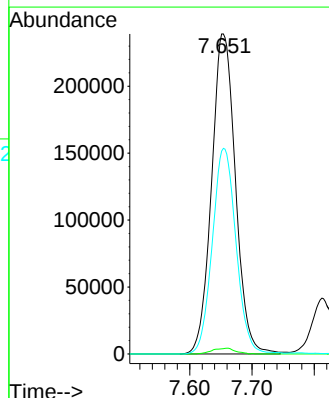
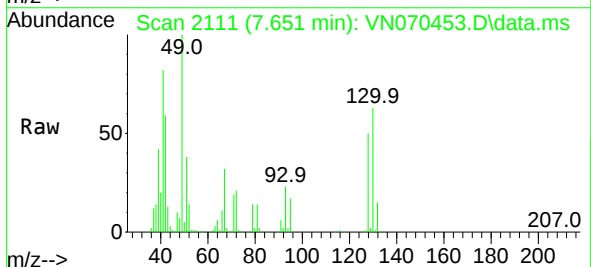
Tgt Ion: 49 Resp: 636518

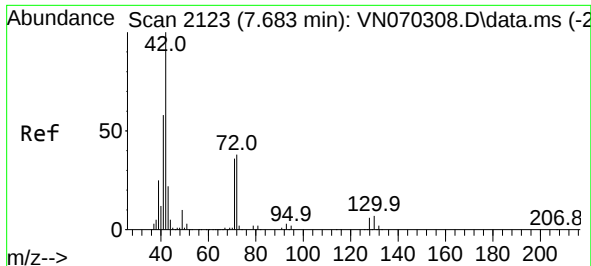
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 63.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 252.666 ug/l

RT: 7.678 min Scan# 2121

Delta R.T. -0.005 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 174932

Ion Ratio Lower Upper

42 100

72 37.3 36.3 54.5

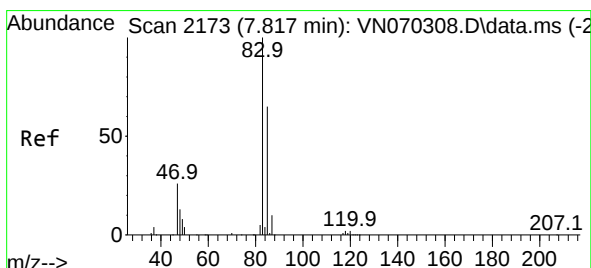
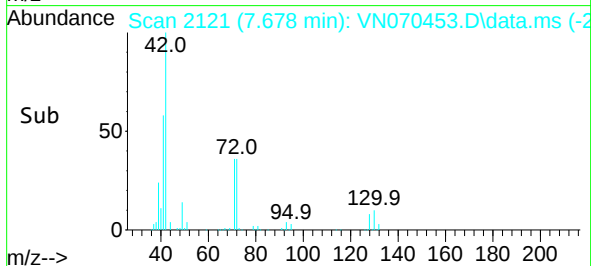
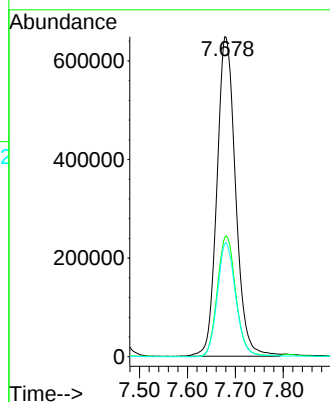
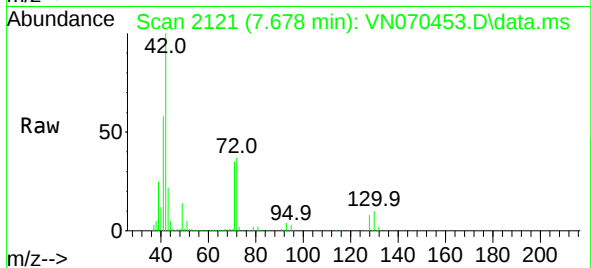
71 35.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#30

Chloroform

Concen: 51.853 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.002 min

Lab File: VN070453.D

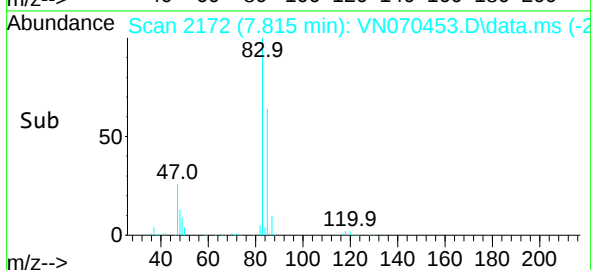
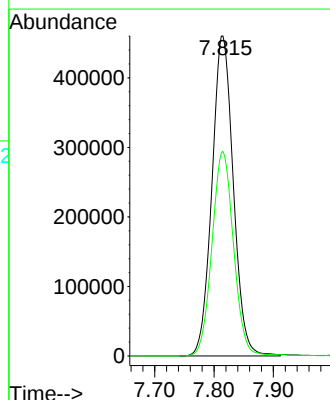
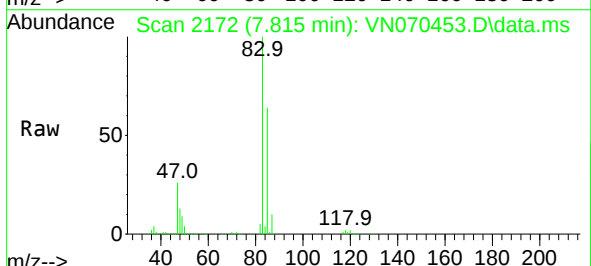
Acq: 4 Jan 2022 10:25

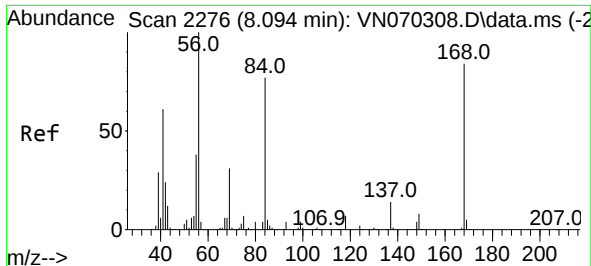
Tgt Ion: 83 Resp: 1151880

Ion Ratio Lower Upper

83 100

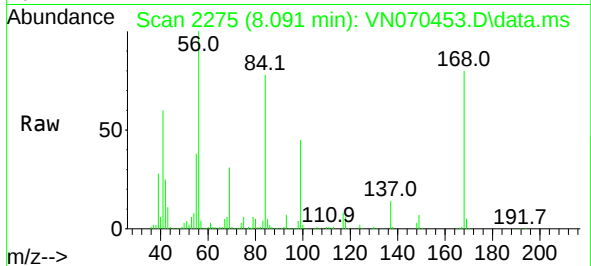
85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 51.728 ug/l
RT: 8.091 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

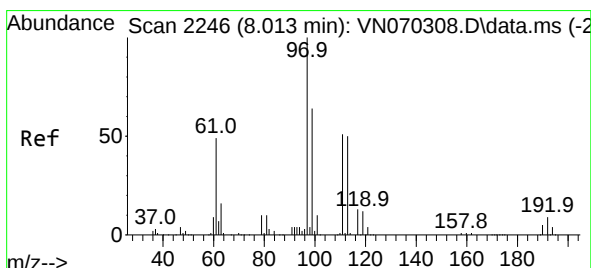
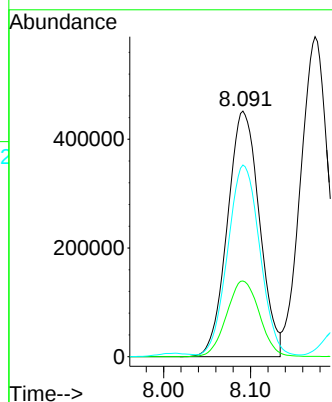
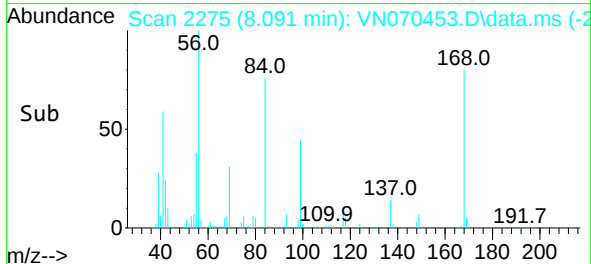
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



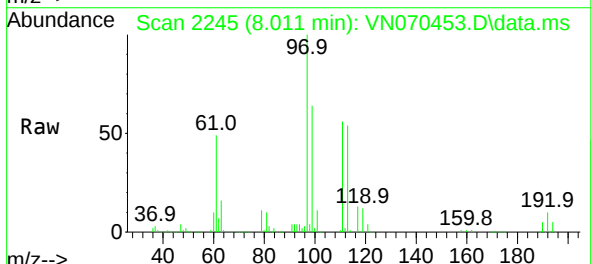
Tgt Ion: 56 Resp: 115887
Ion Ratio Lower Upper
56 100
69 30.8 27.1 40.7
84 76.8 73.4 110.0

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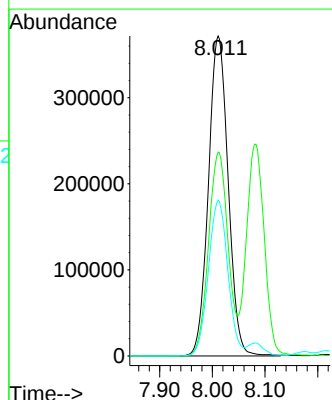
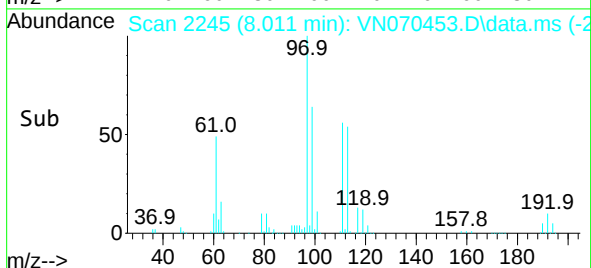
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

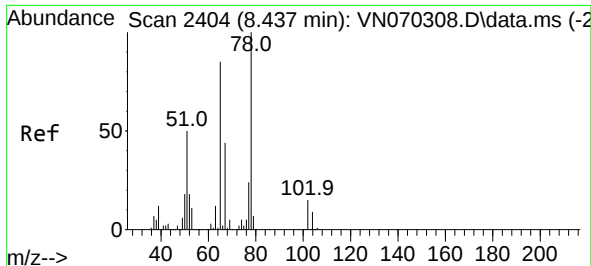


#32
1,1,1-Trichloroethane
Concen: 51.686 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



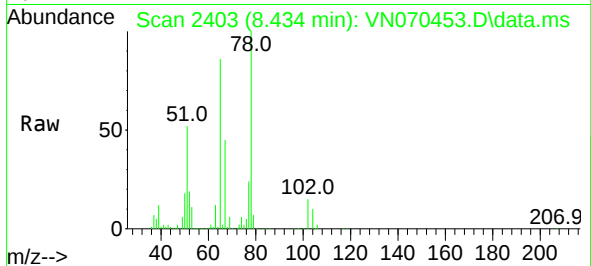
Tgt Ion: 97 Resp: 968108
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 48.2 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 52.658 ug/l
 RT: 8.434 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25

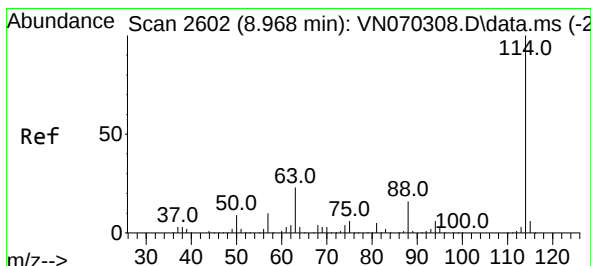
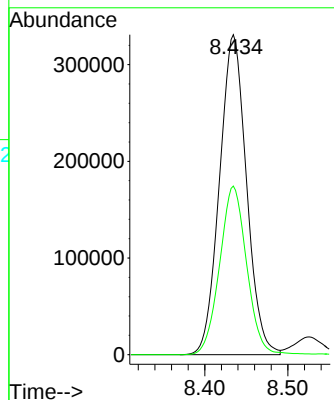
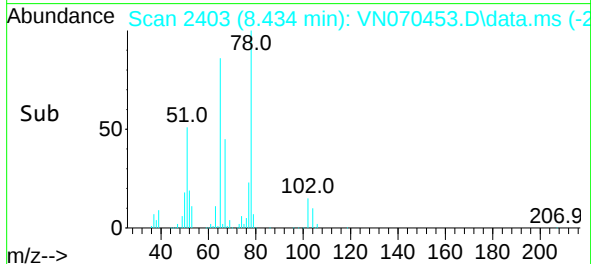
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



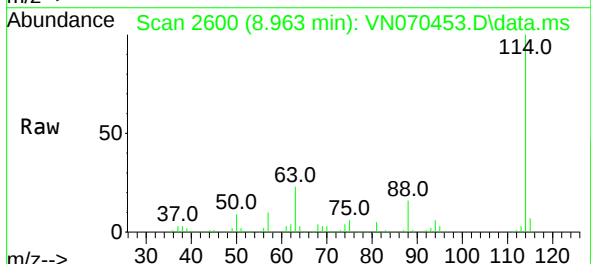
Tgt Ion: 65 Resp: 74758
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0

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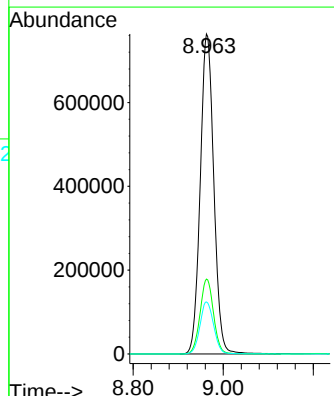
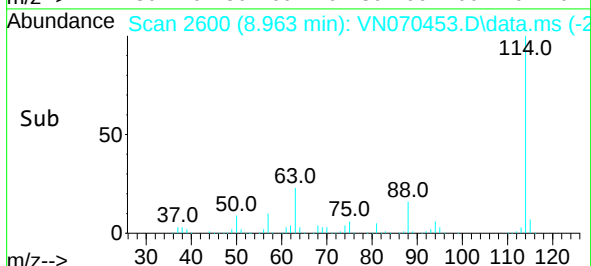
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

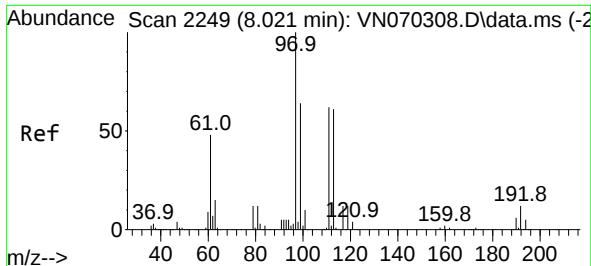


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 2600
 Delta R.T. -0.005 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25



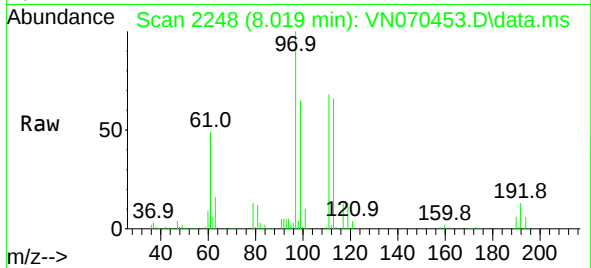
Tgt Ion:114 Resp: 1596697
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 56.139 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

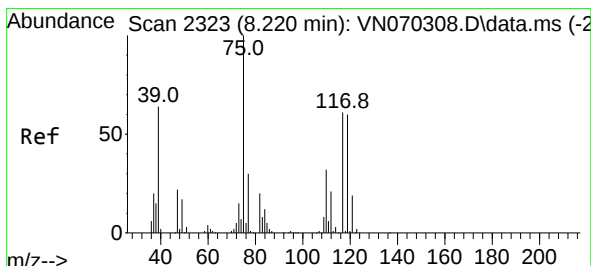
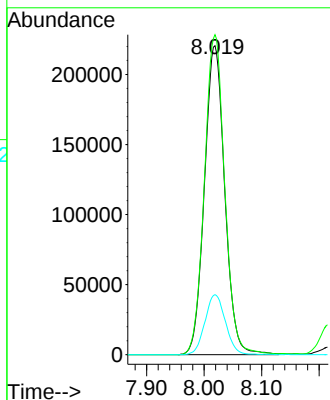
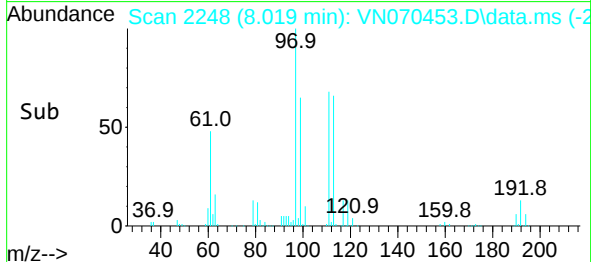
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 54235
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.5 16.9 25.3

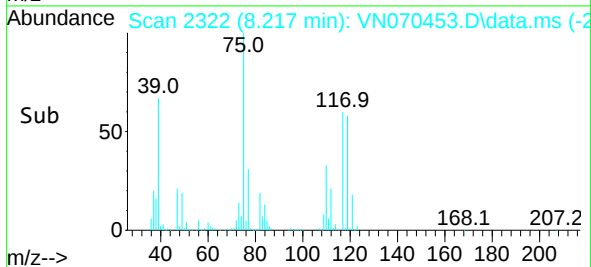
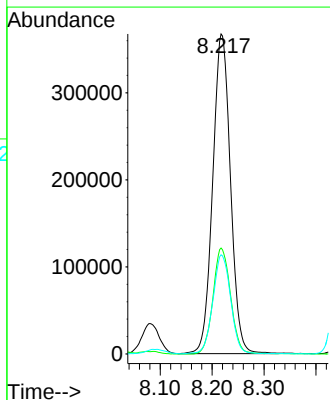
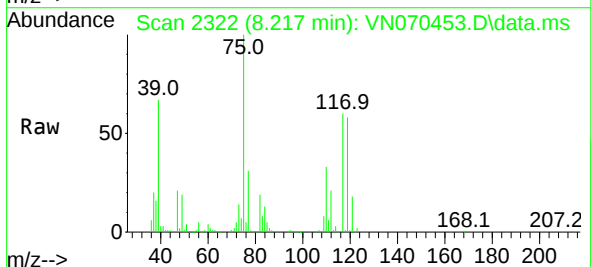
Manual Integrations
APPROVED

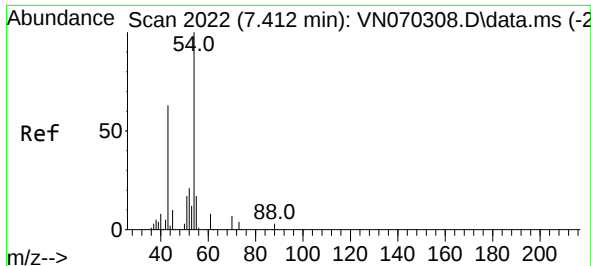
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#36
1,1-Dichloropropene
Concen: 54.606 ug/l
RT: 8.217 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

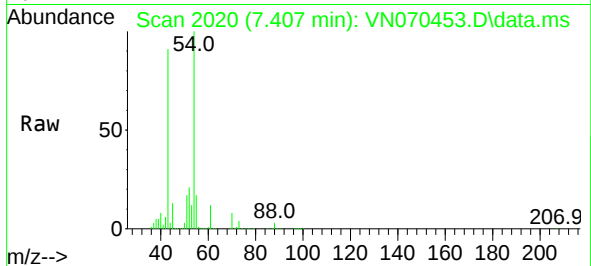
Tgt Ion: 75 Resp: 872689
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 51.796 ug/l
RT: 7.407 min Scan# 20
Delta R.T. -0.005 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

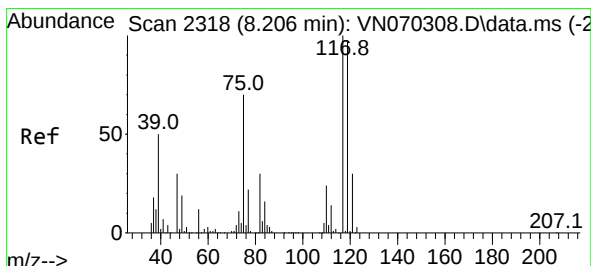
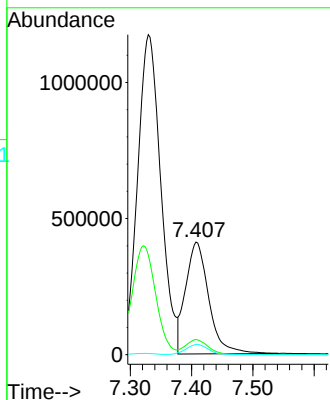
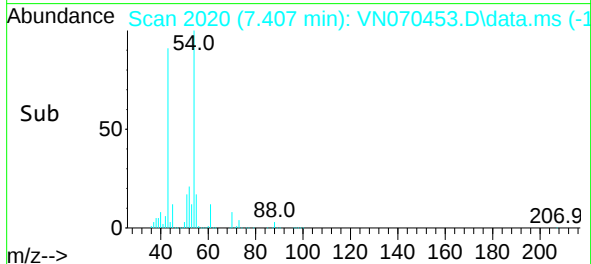
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 107298
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 8.8 7.9 11.9

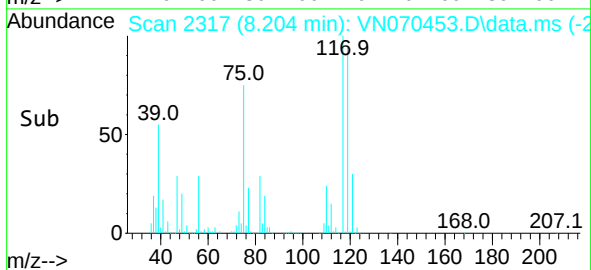
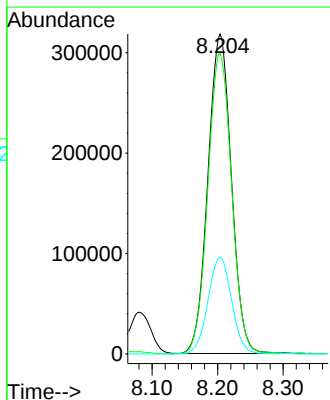
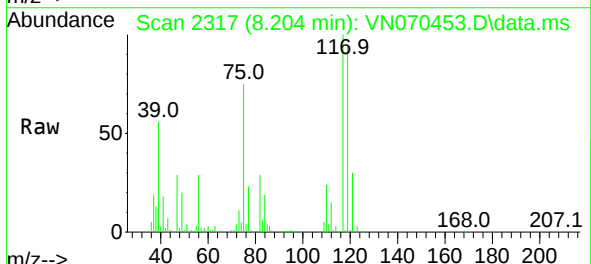
Manual Integrations
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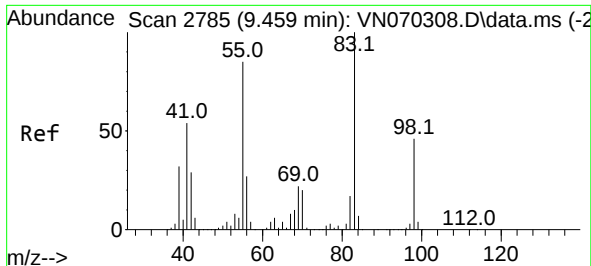
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#38
Carbon Tetrachloride
Concen: 51.729 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Tgt Ion:117 Resp: 789416
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 56.363 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 109051

Ion Ratio Lower Upper

83 100

55 86.2 58.1 87.1

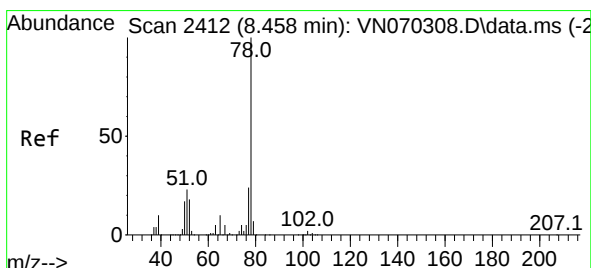
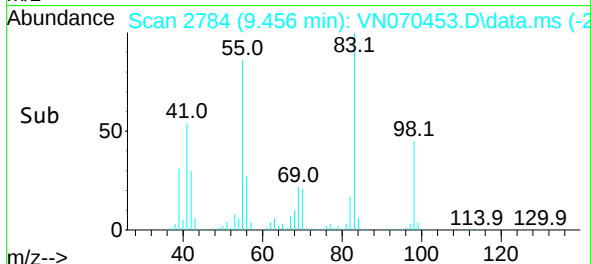
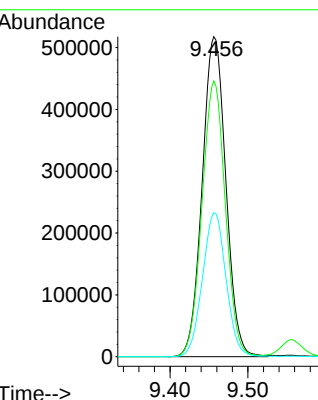
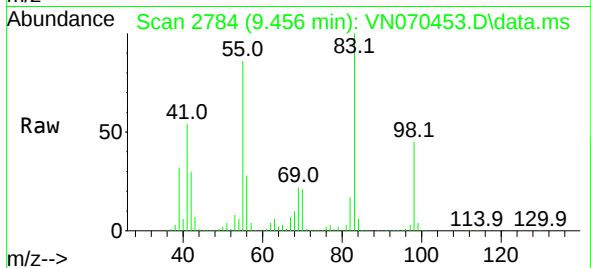
98 45.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#40

Benzene

Concen: 53.963 ug/l

RT: 8.456 min Scan# 2411

Delta R.T. -0.002 min

Lab File: VN070453.D

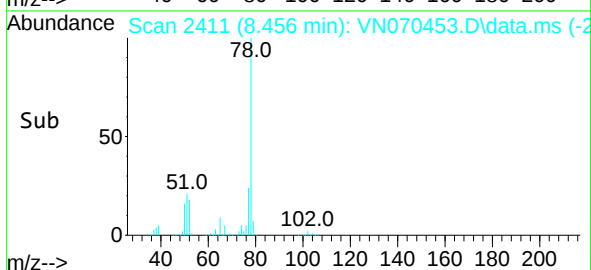
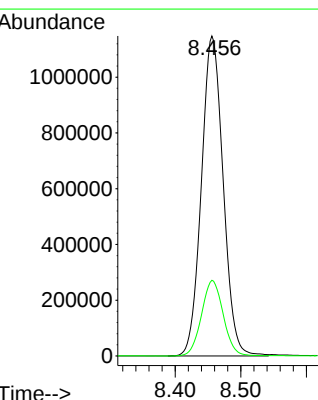
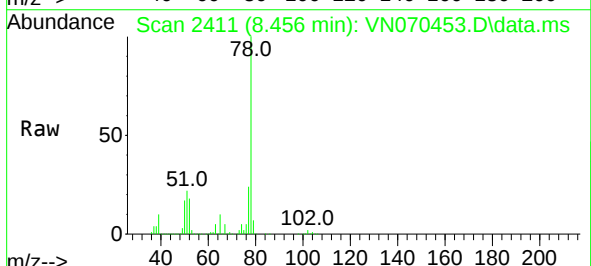
Acq: 4 Jan 2022 10:25

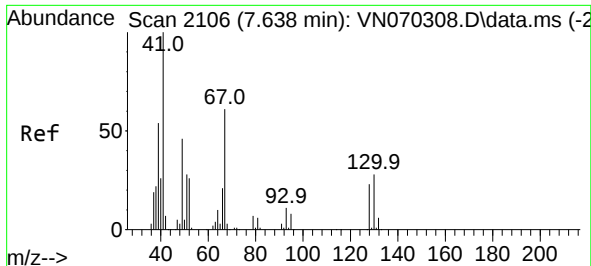
Tgt Ion: 78 Resp: 2643985

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8





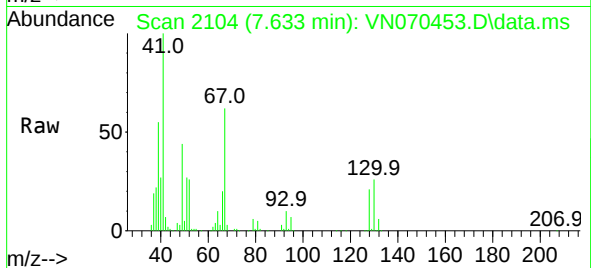
#41
Methacrylonitrile
Concen: 55.538 ug/l
RT: 7.633 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



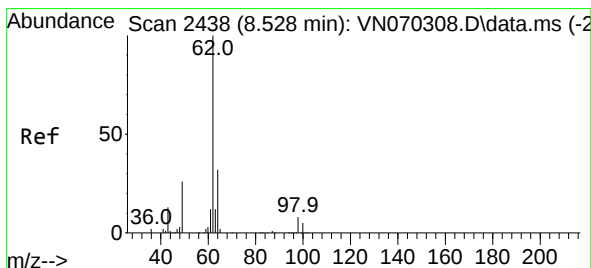
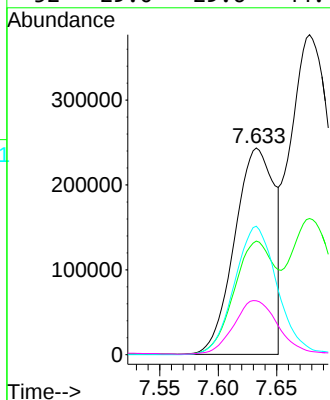
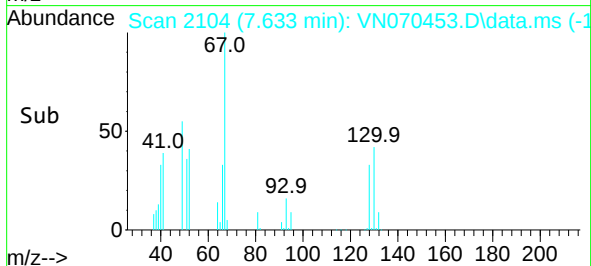
Tgt Ion: 41 Resp: 57545
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 67.6 68.3 102.5
52 29.0 29.6 44.4#

Manual Integrations

APPROVED

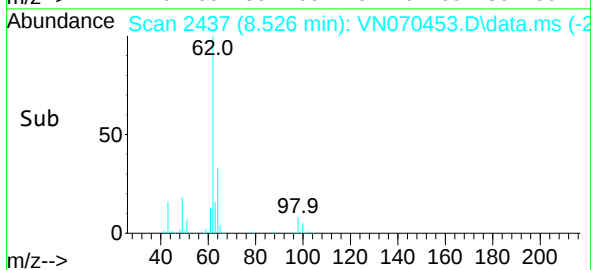
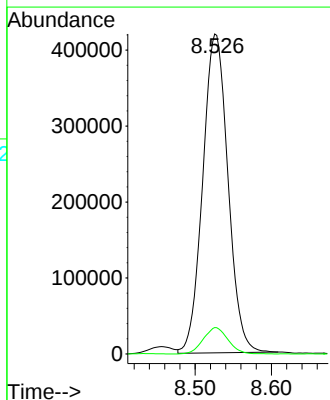
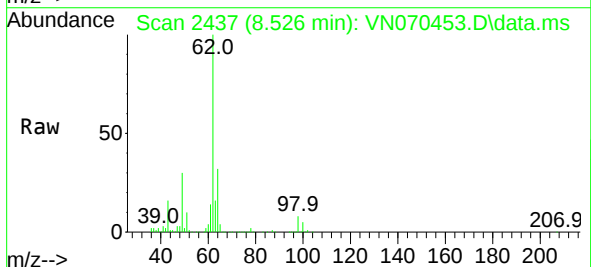
Reviewed By :John Carlone 01/05/2022

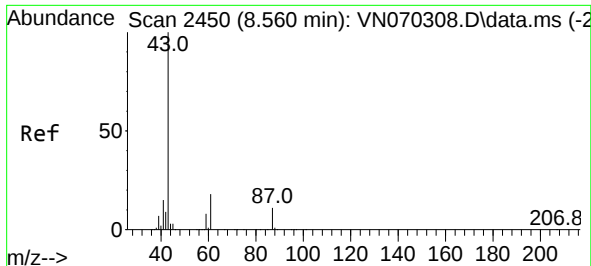
Supervised By :Mahesh Dadoda 01/05/2022



#42
1,2-Dichloroethane
Concen: 52.414 ug/l
RT: 8.526 min Scan# 2437
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

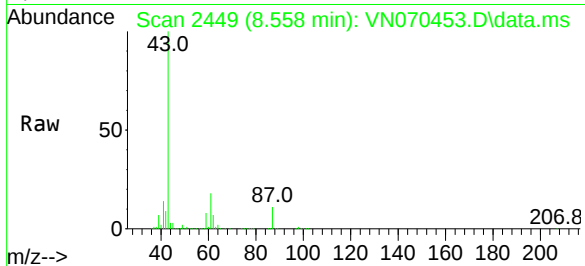
Tgt Ion: 62 Resp: 965262
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.999 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

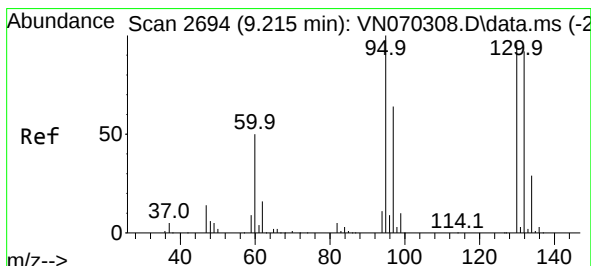
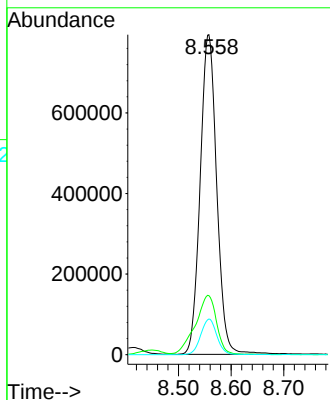
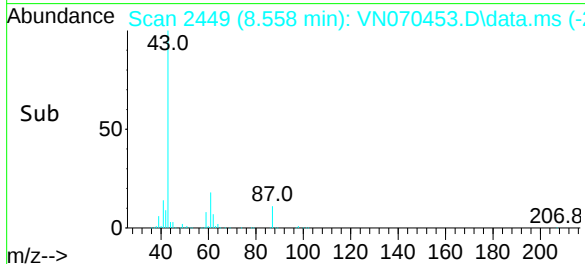
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1730984
Ion Ratio Lower Upper
43 100
61 23.6 20.4 30.6
87 10.9 11.2 16.8

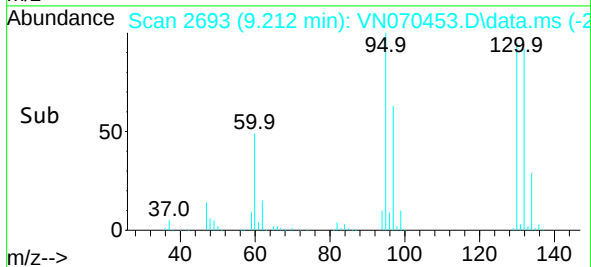
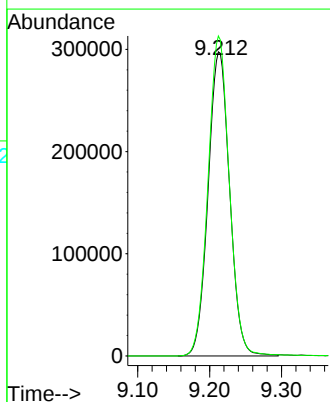
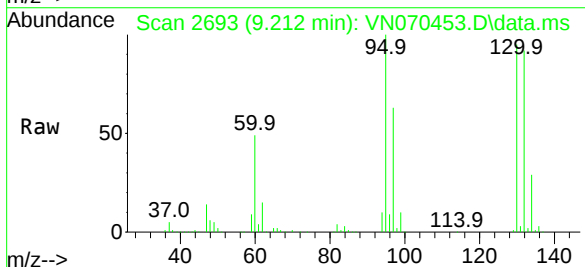
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#44
Trichloroethene
Concen: 53.194 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Tgt Ion:130 Resp: 619283
Ion Ratio Lower Upper
130 100
95 105.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.552 ug/l

RT: 9.486 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070453.D

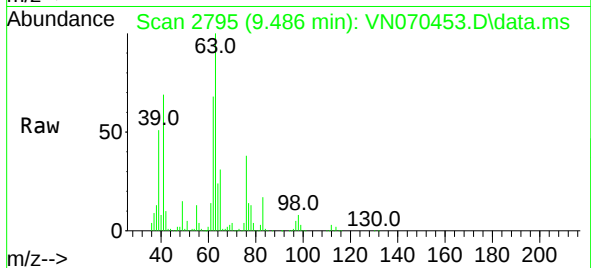
Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 732844

Ion Ratio Lower Upper

63 100

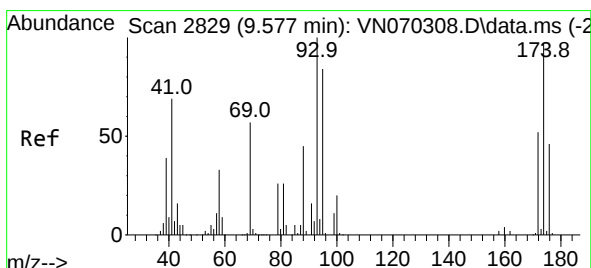
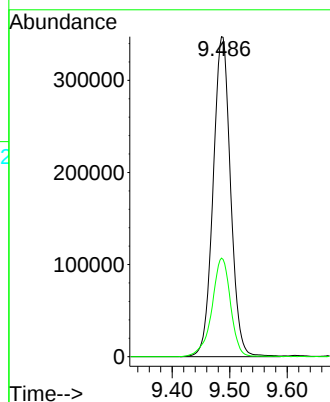
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#46

Dibromomethane

Concen: 53.558 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

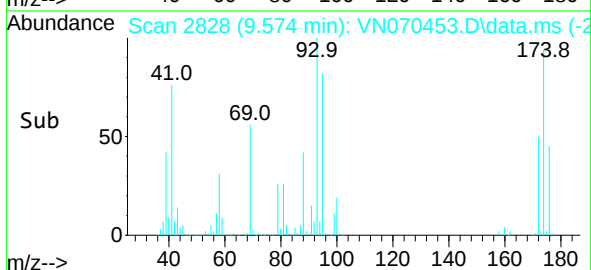
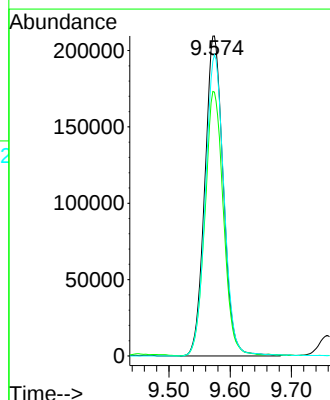
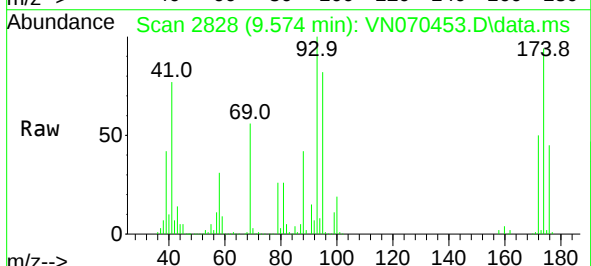
Tgt Ion: 93 Resp: 439340

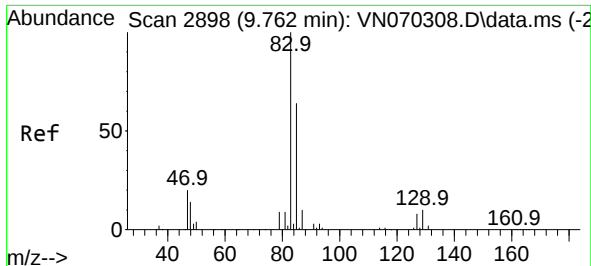
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

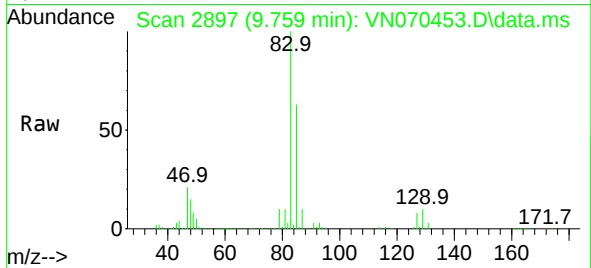
174 94.6 84.6 127.0





#47
Bromodichloromethane
Concen: 55.475 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

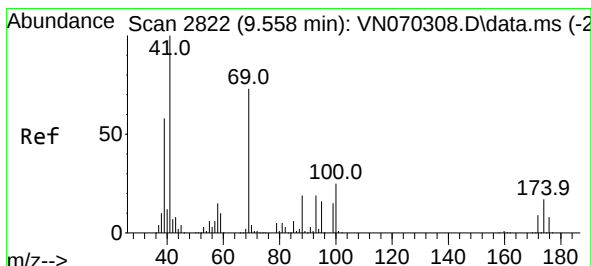
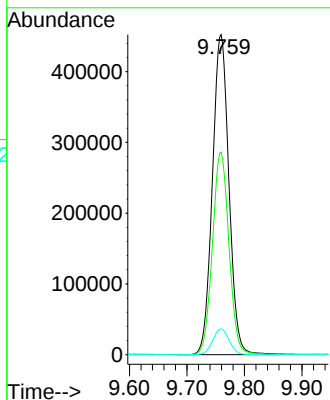
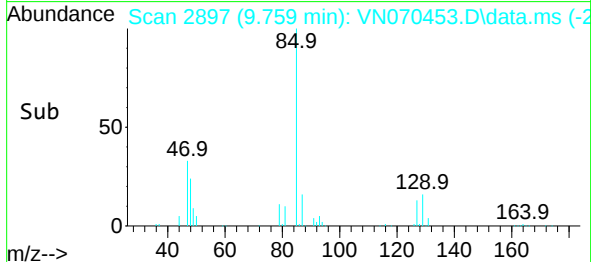
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



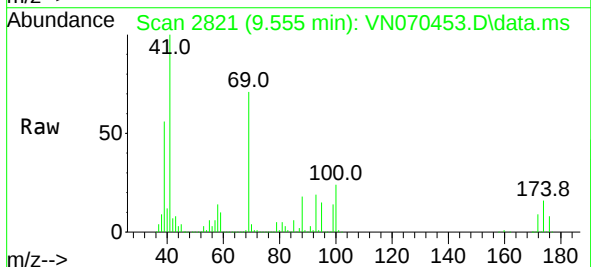
Tgt Ion: 83 Resp: 903570
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.1 7.1 10.7

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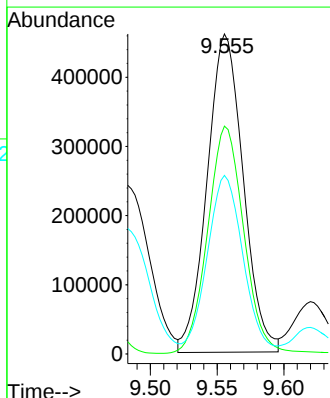
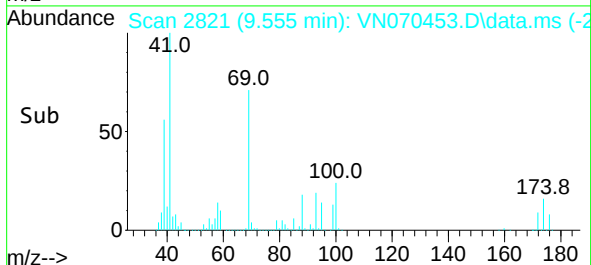
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

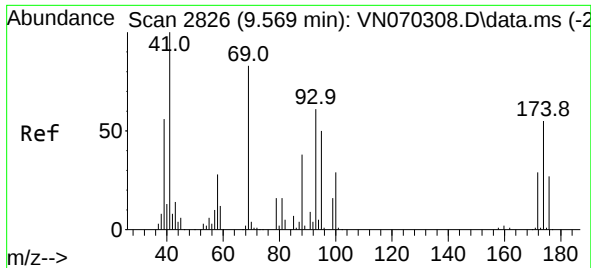


#48
Methyl methacrylate
Concen: 55.567 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion: 41 Resp: 865656
Ion Ratio Lower Upper
41 100
69 71.8 72.4 108.6#
39 51.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 994.715 ug/l

RT: 9.564 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 226839

Ion Ratio Lower Upper

88 100

43 35.9 23.4 35.2

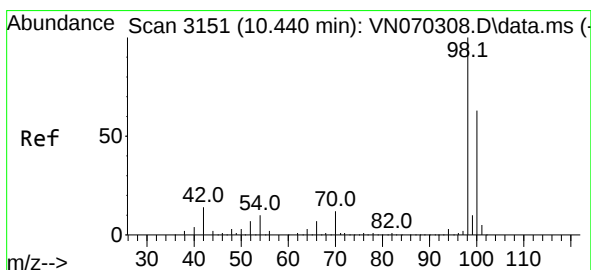
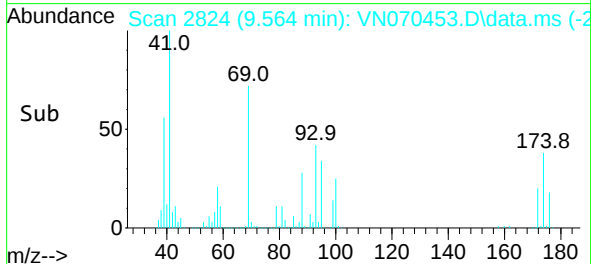
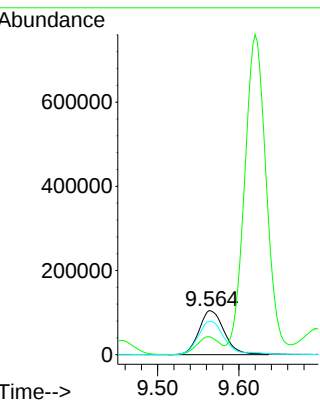
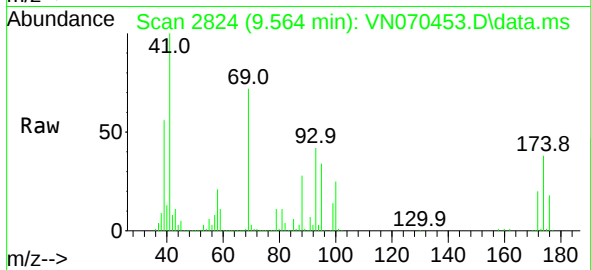
58 76.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#50

Toluene-d8

Concen: 55.281 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070453.D

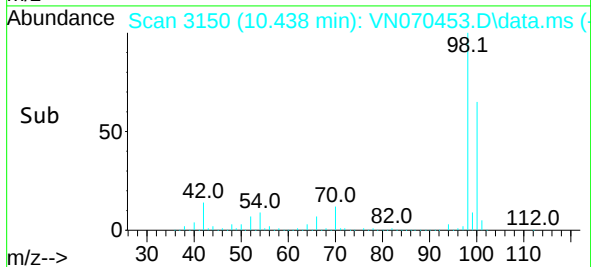
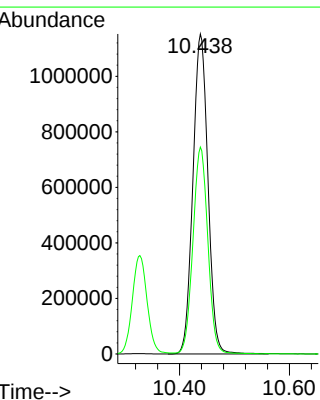
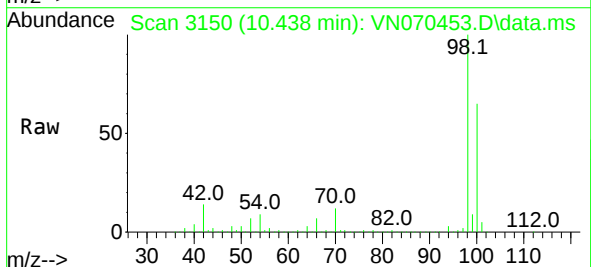
Acq: 4 Jan 2022 10:25

Tgt Ion: 98 Resp: 2181696

Ion Ratio Lower Upper

98 100

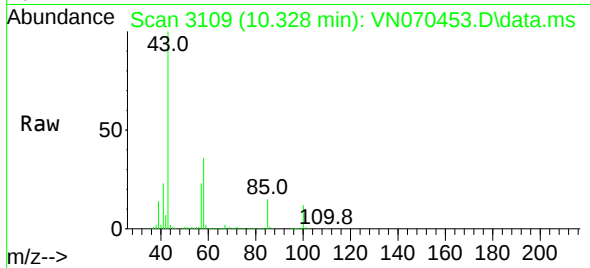
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 266.647 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

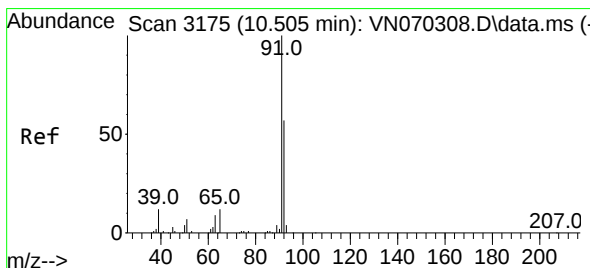
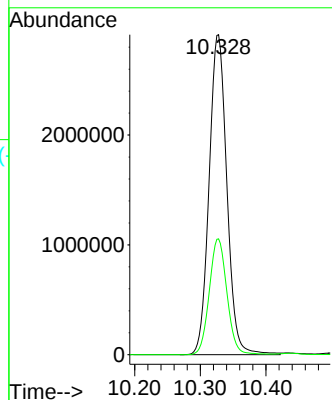
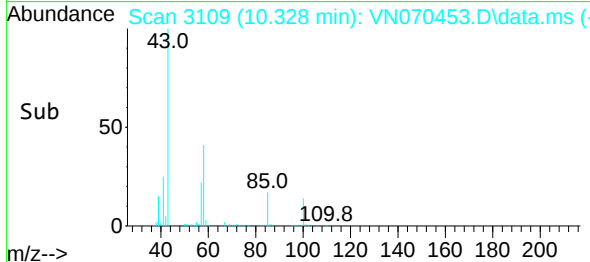
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 5472268
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6

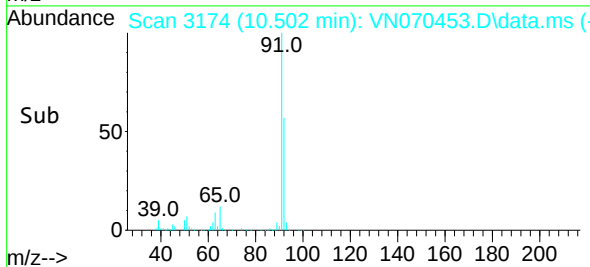
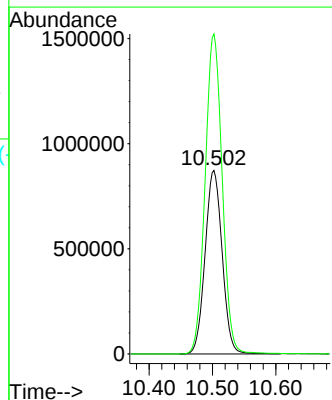
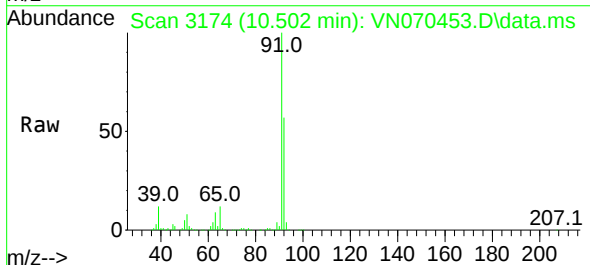
Manual Integrations
APPROVED

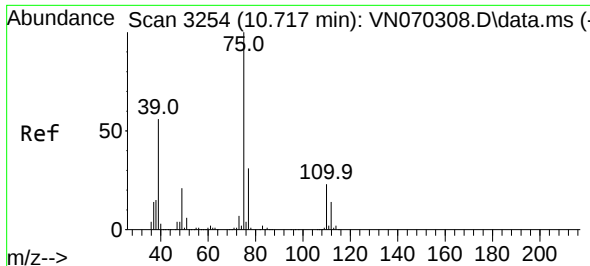
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#52
Toluene
Concen: 55.038 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

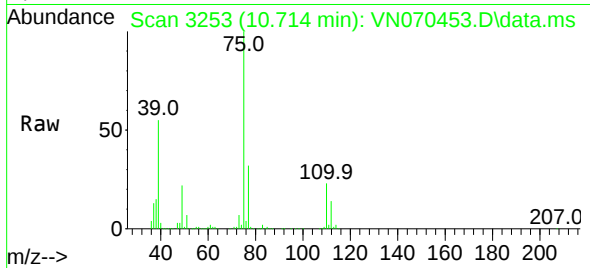
Tgt Ion: 92 Resp: 1632258
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 55.574 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

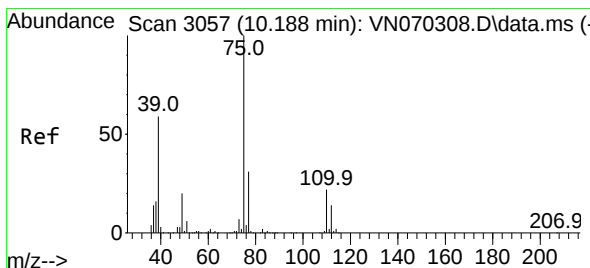
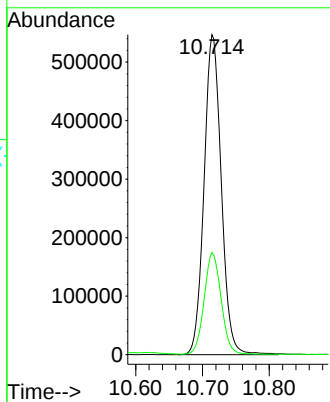
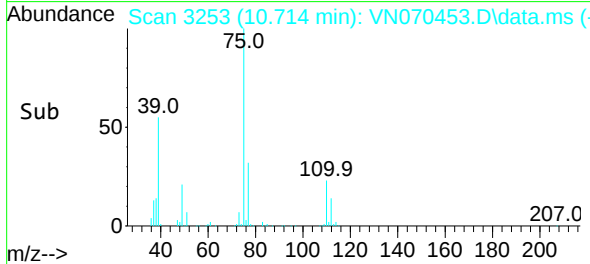
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



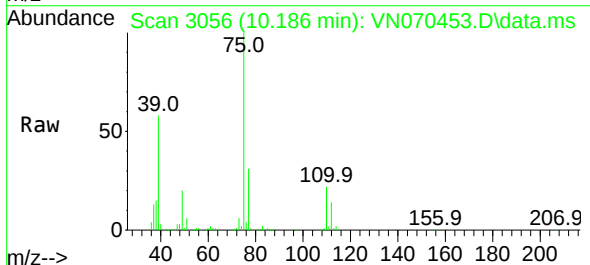
Tgt Ion: 75 Resp: 979940
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
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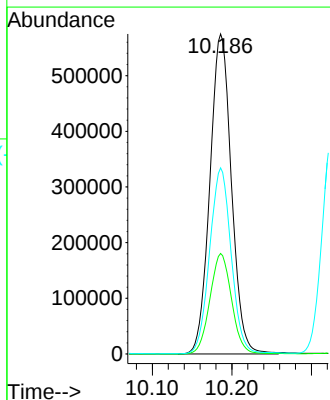
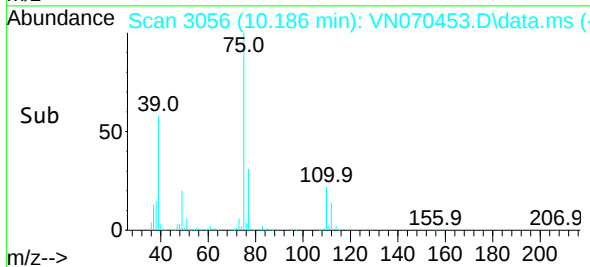
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

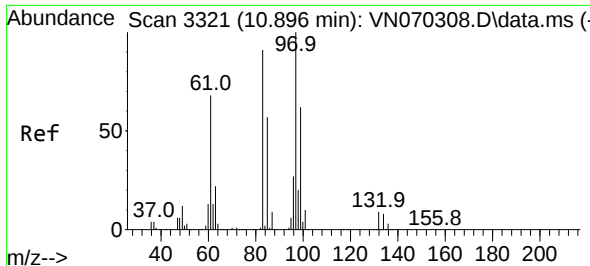


#54
cis-1,3-Dichloropropene
Concen: 56.782 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



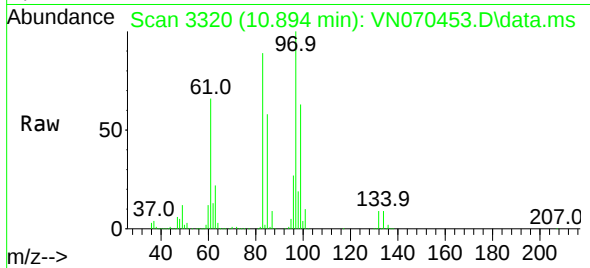
Tgt Ion: 75 Resp: 1083091
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 58.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 54.117 ug/l
RT: 10.894 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

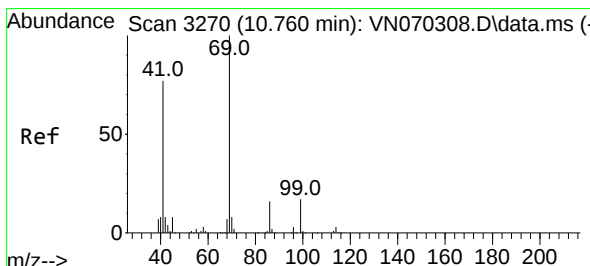
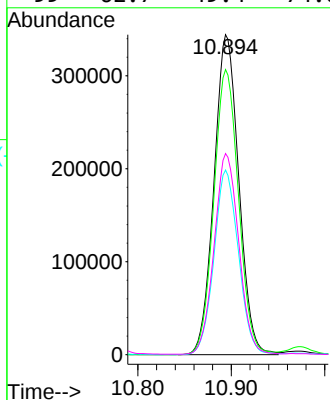
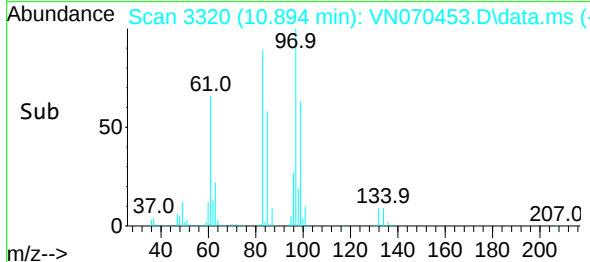


Tgt Ion: 97 Resp: 63501

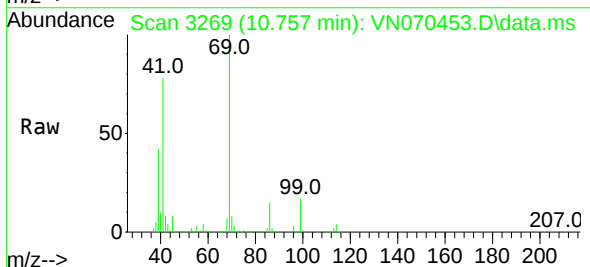
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.8	101.6
85	57.6	45.4	68.2
99	62.7	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

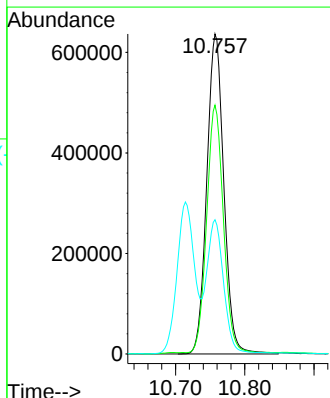
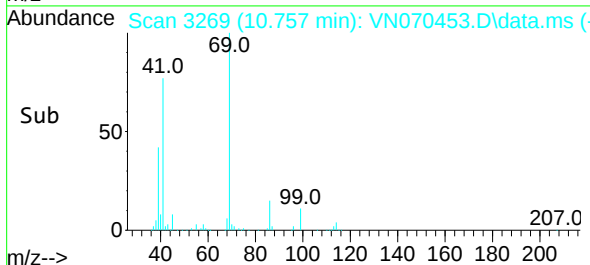


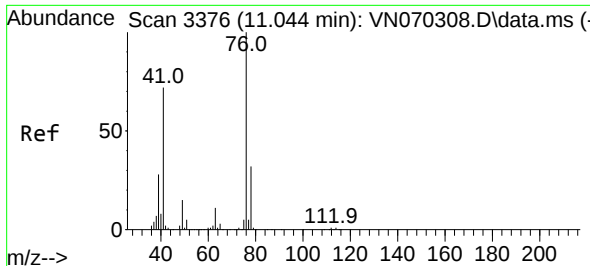
#56
Ethyl methacrylate
Concen: 56.211 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion: 69 Resp: 1089854

Ion	Ratio	Lower	Upper
69	100		
41	75.7	51.4	77.0
39	40.2	34.6	52.0





#57

1,3-Dichloropropane

Concen: 54.658 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1134380

Ion Ratio Lower Upper

76 100

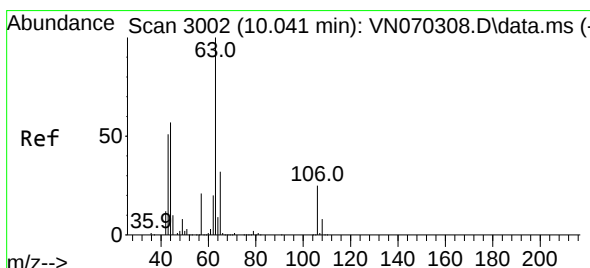
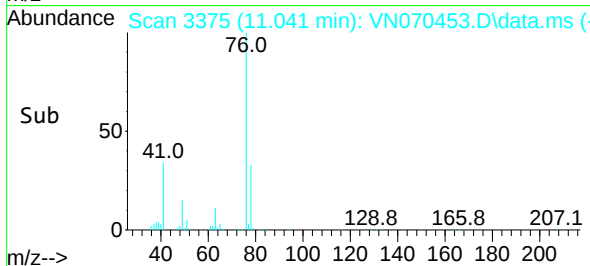
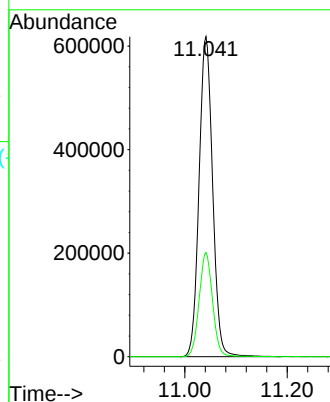
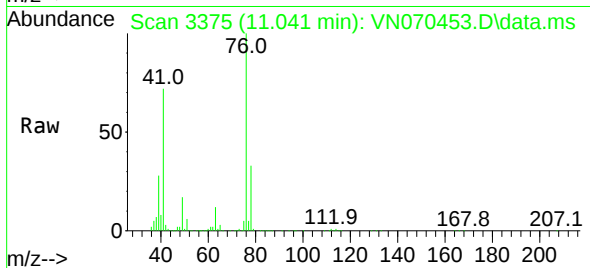
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 206.336 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070453.D

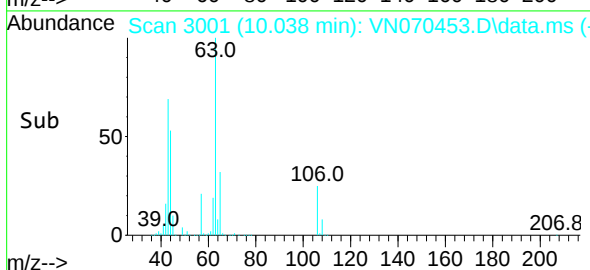
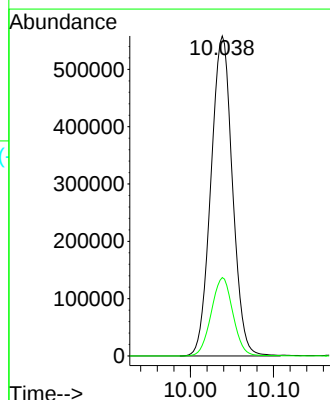
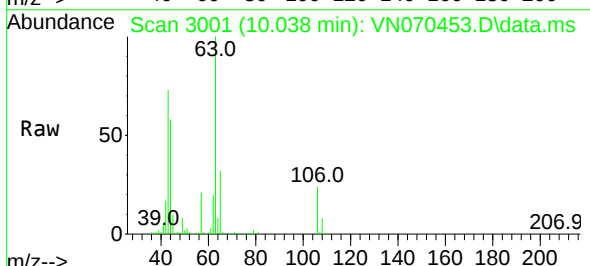
Acq: 4 Jan 2022 10:25

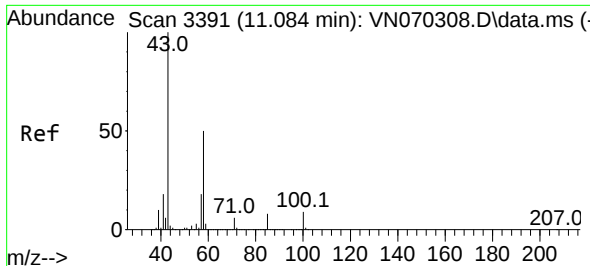
Tgt Ion: 63 Resp: 1004568

Ion Ratio Lower Upper

63 100

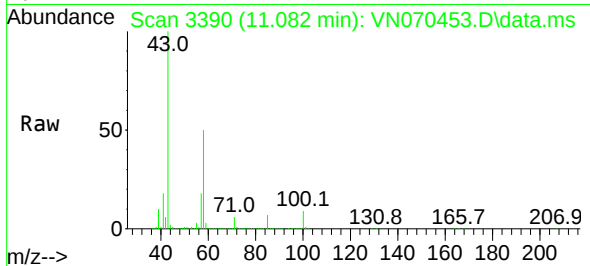
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 277.802 ug/l
RT: 11.082 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

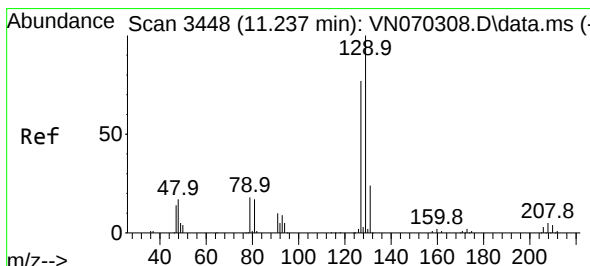
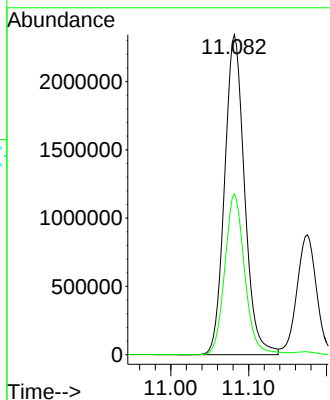
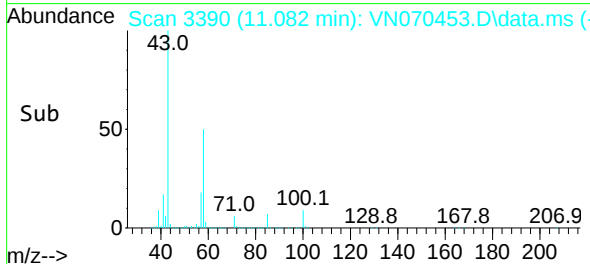
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4157580
Ion Ratio Lower Upper
43 100
58 50.2 26.9 80.7

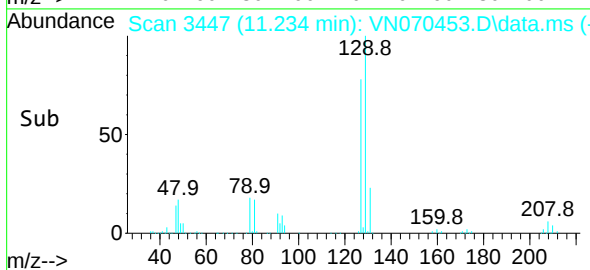
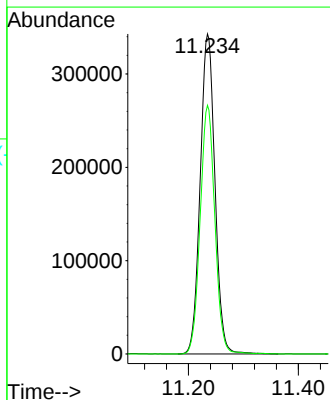
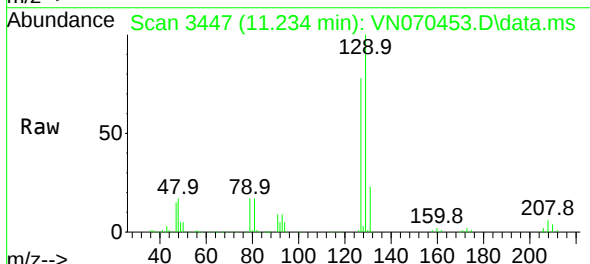
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#60
Dibromochloromethane
Concen: 55.672 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

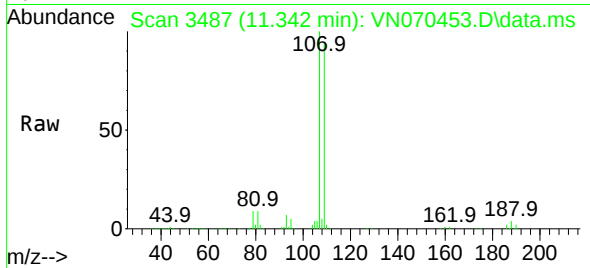
Tgt Ion:129 Resp: 637379
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.240 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

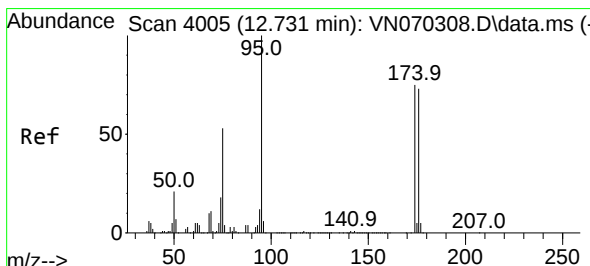
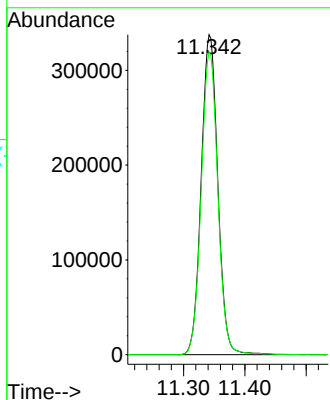
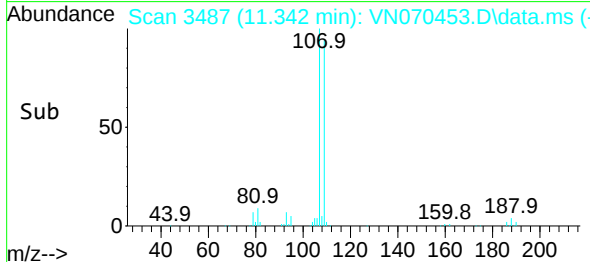
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 634324
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

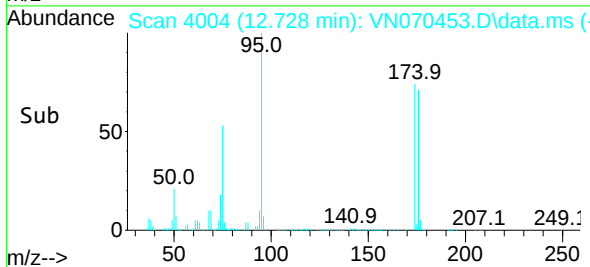
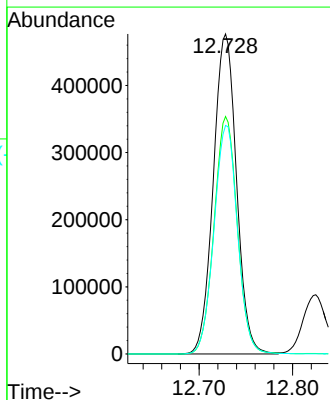
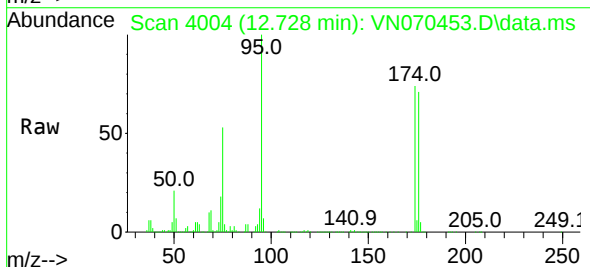
Manual Integrations
APPROVED

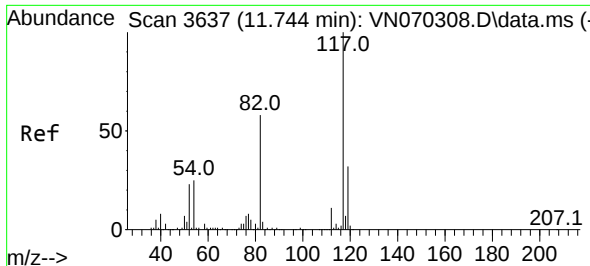
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#62
4-Bromofluorobenzene
Concen: 57.819 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

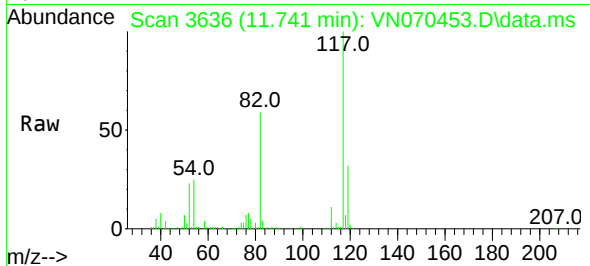
Tgt Ion: 95 Resp: 824156
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

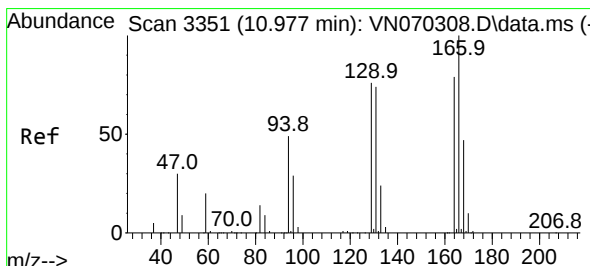
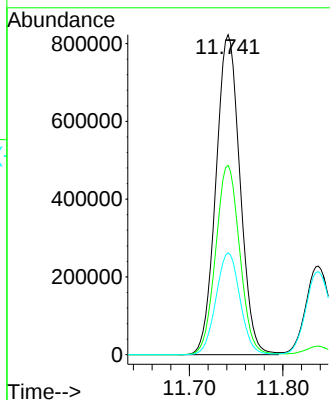
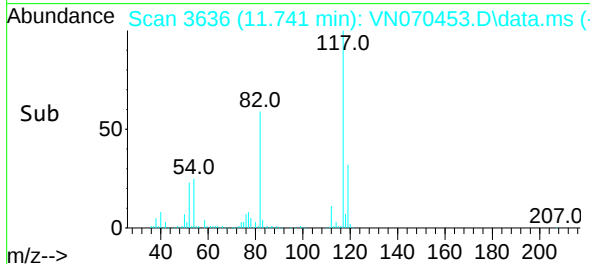
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1476049
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

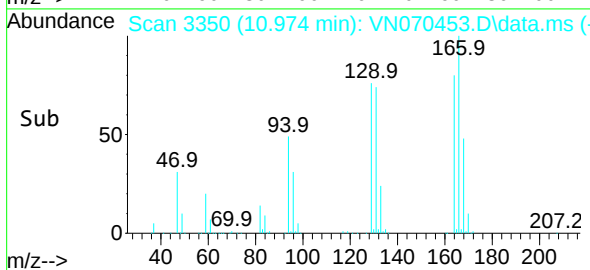
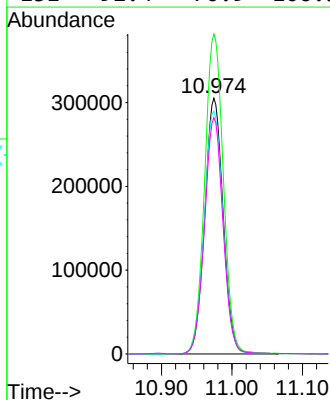
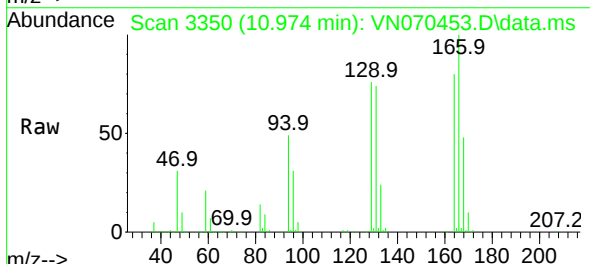
Manual Integrations
APPROVED

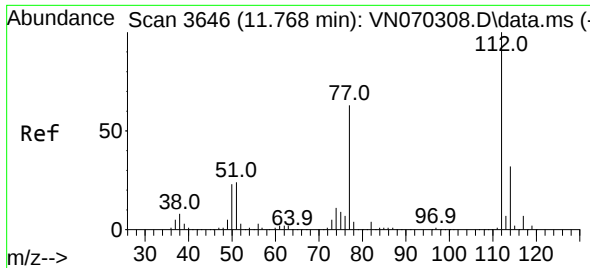
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#64
Tetrachloroethene
Concen: 51.835 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

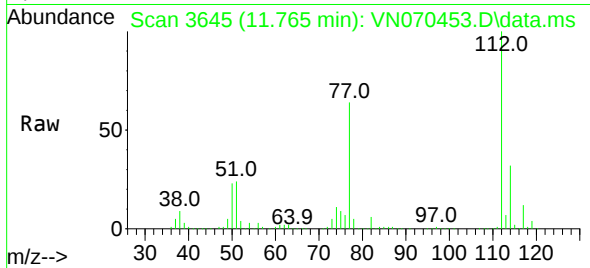
Tgt Ion:164 Resp: 554048
Ion Ratio Lower Upper
164 100
166 125.2 101.9 152.9
129 94.9 72.0 108.0
131 92.4 70.9 106.3





#65
Chlorobenzene
Concen: 53.998 ug/l
RT: 11.765 min Scan# 3645
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

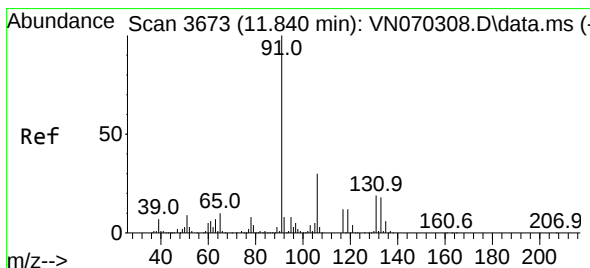
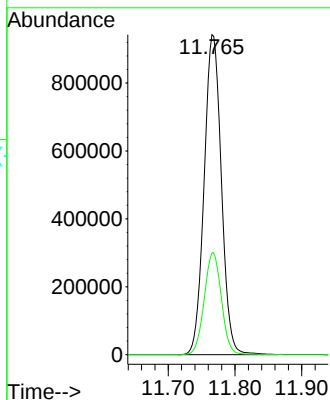
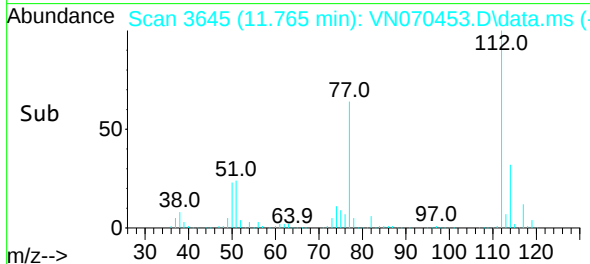
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



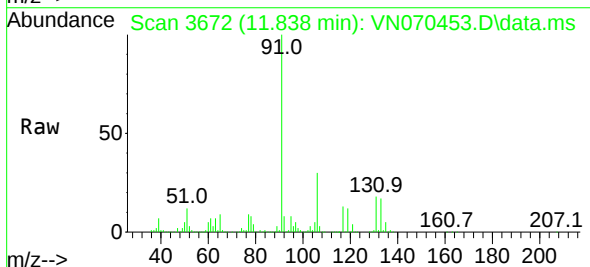
Tgt Ion:112 Resp: 1691144
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

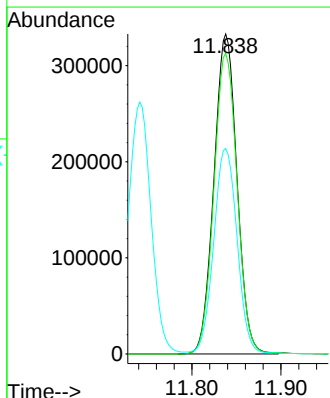
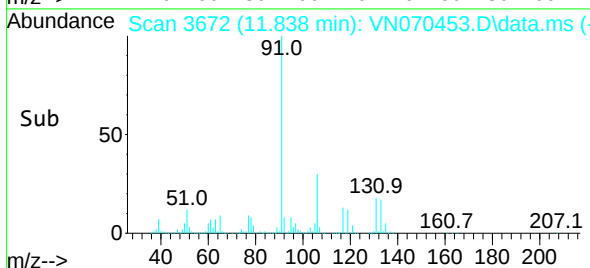
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

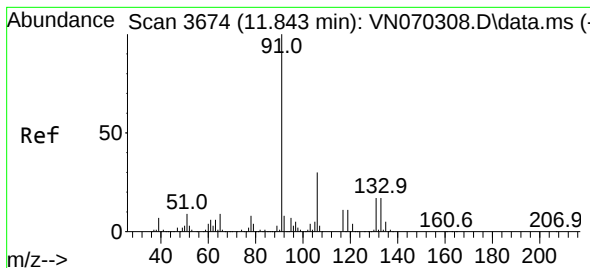


#66
1,1,1,2-Tetrachloroethane
Concen: 53.508 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion:131 Resp: 598252
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 65.4 32.1 96.5





#67

Ethyl Benzene

Concen: 56.018 ug/l

RT: 11.841 min Scan# 30

Delta R.T. -0.002 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 321446

Ion Ratio Lower Upper

91 100

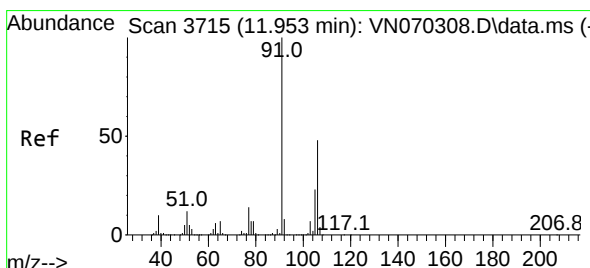
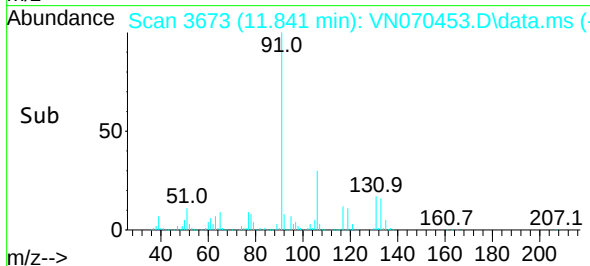
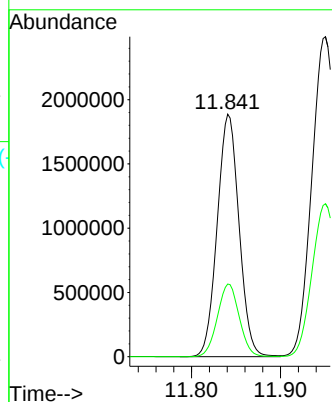
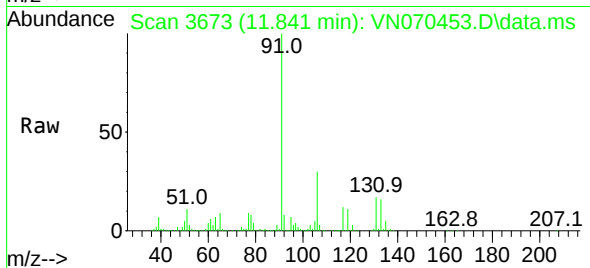
106 29.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#68

m/p-Xylenes

Concen: 114.582 ug/l

RT: 11.950 min Scan# 3714

Delta R.T. -0.003 min

Lab File: VN070453.D

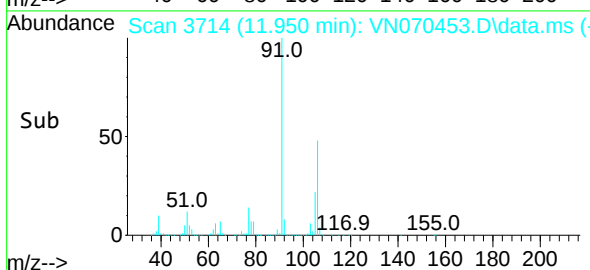
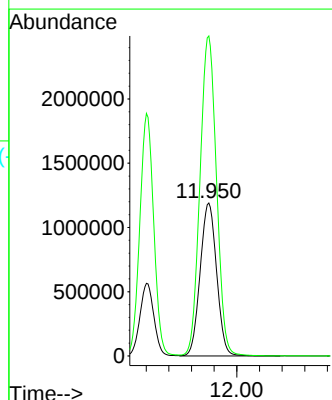
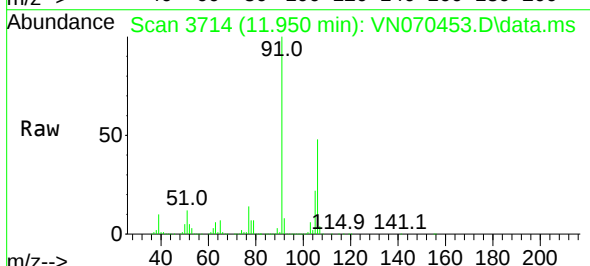
Acq: 4 Jan 2022 10:25

Tgt Ion:106 Resp: 2393350

Ion Ratio Lower Upper

106 100

91 210.1 160.6 240.8





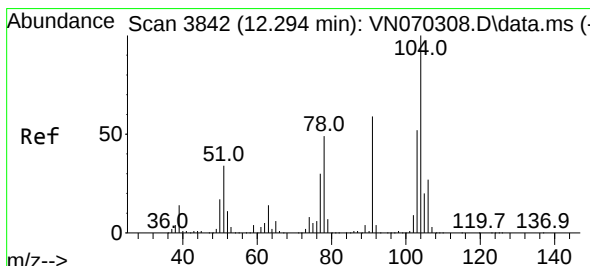
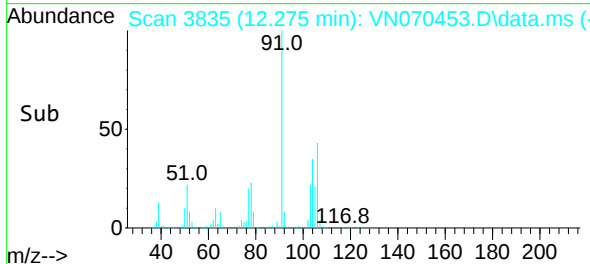
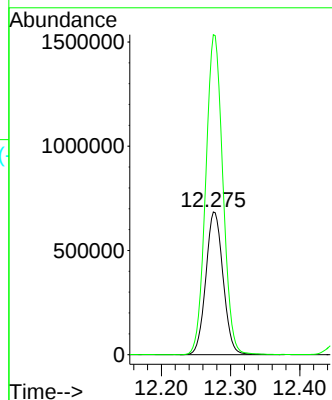
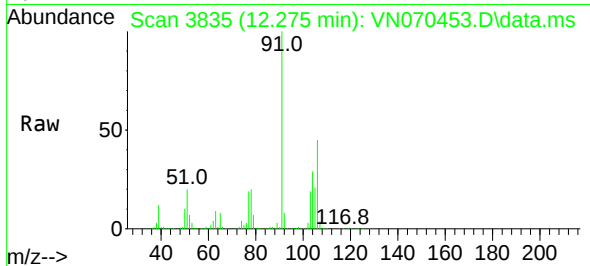
#69
o-Xylene
Concen: 56.996 ug/l
RT: 12.275 min Scan# 3835
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1184152
Ion Ratio Lower Upper
106 100
91 223.3 105.8 317.3

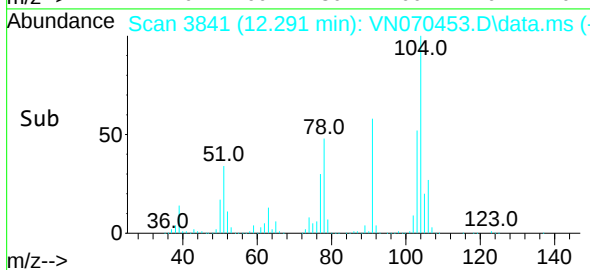
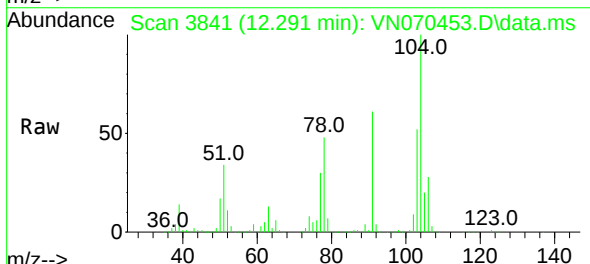
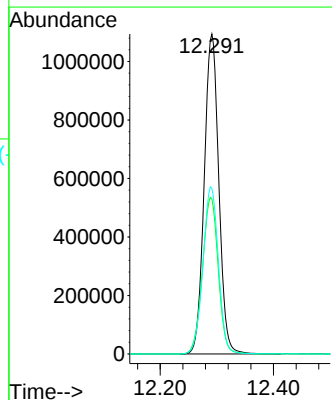
Manual Integrations
APPROVED

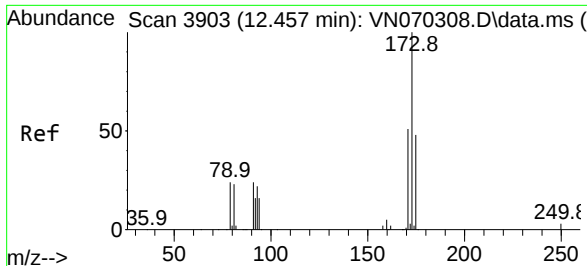
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#70
Styrene
Concen: 59.430 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

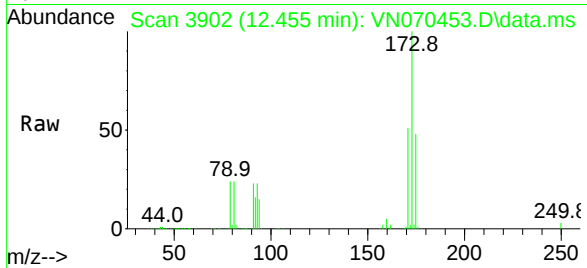
Tgt Ion:104 Resp: 1954218
Ion Ratio Lower Upper
104 100
78 53.0 38.7 58.1
103 55.4 45.0 67.6





#71
Bromoform
Concen: 55.636 ug/l
RT: 12.455 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

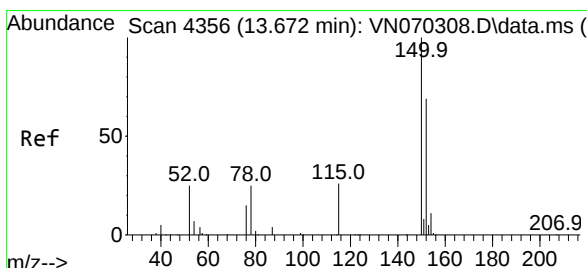
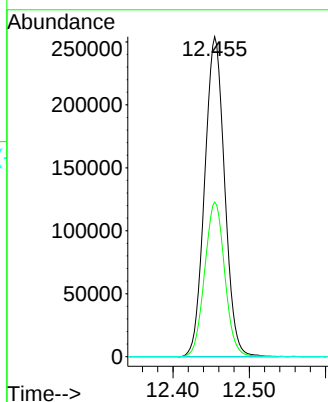
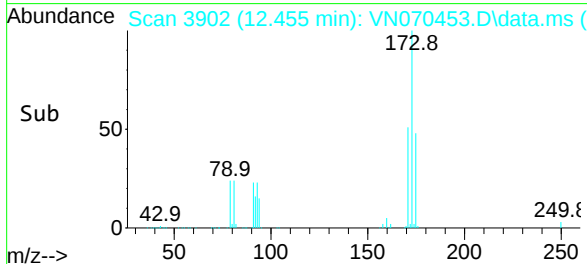
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



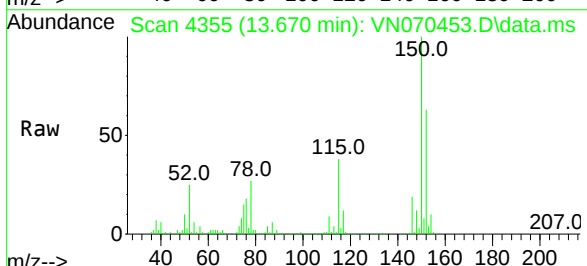
Tgt Ion:173 Resp: 461650
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

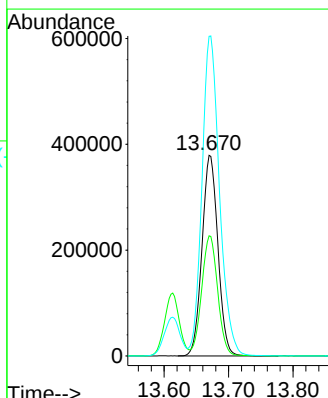
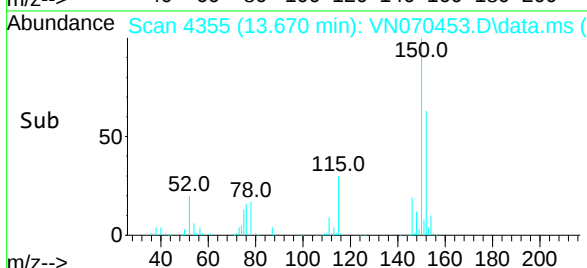
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

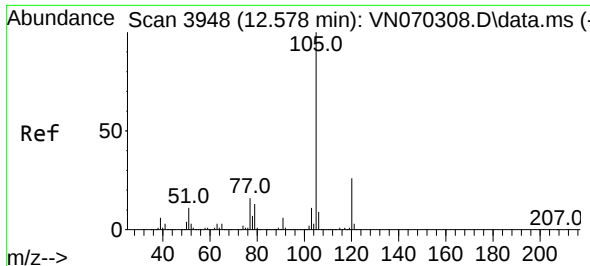


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.670 min Scan# 4355
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



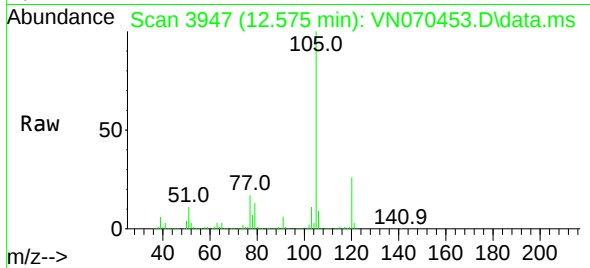
Tgt Ion:152 Resp: 650280
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 176.0 0.0 344.4





#73
Isopropylbenzene
Concen: 51.683 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

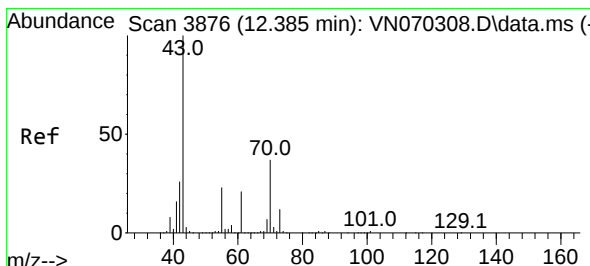
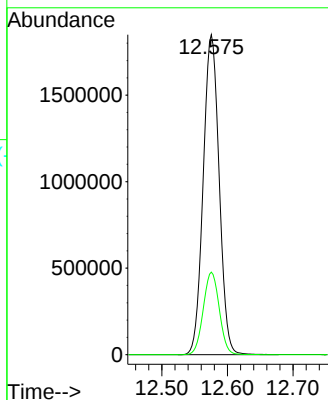
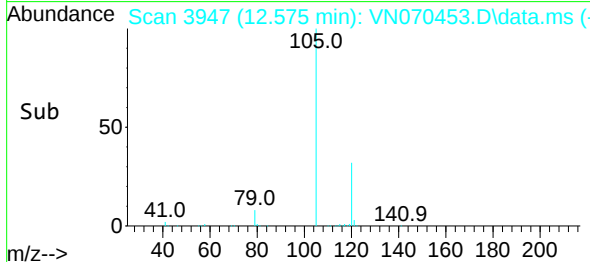
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 3121048
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

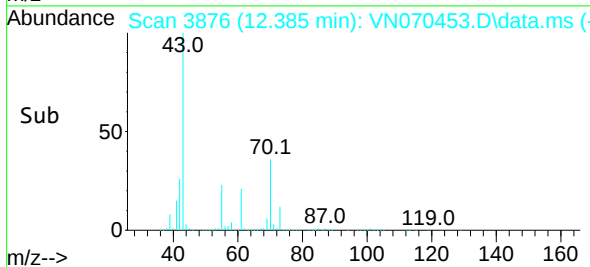
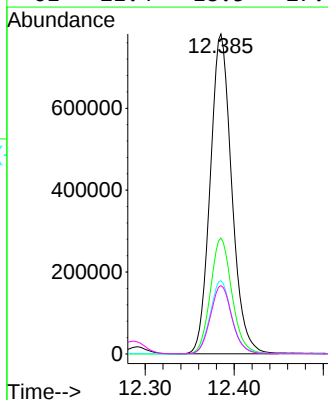
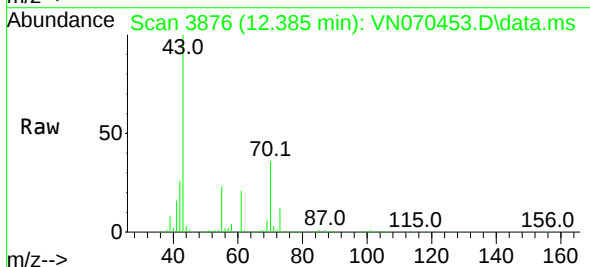
Manual Integrations
APPROVED

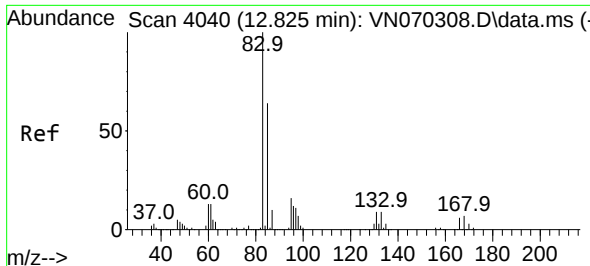
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#74
N-ethyl acetate
Concen: 51.614 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

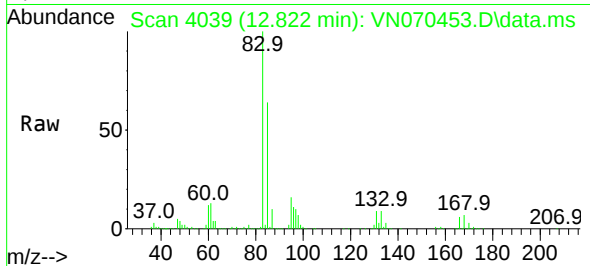
Tgt Ion: 43 Resp: 1310527
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 23.1 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.556 ug/l
RT: 12.822 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

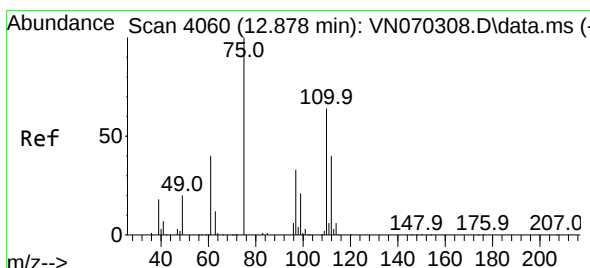
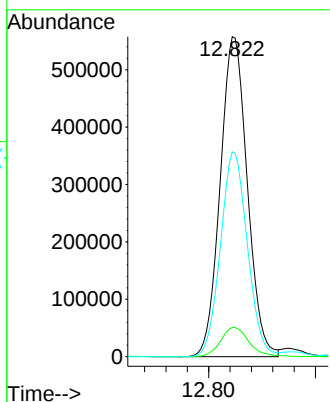
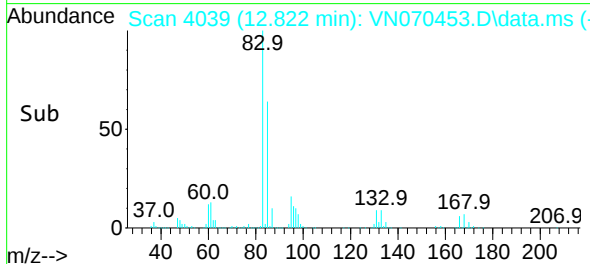
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



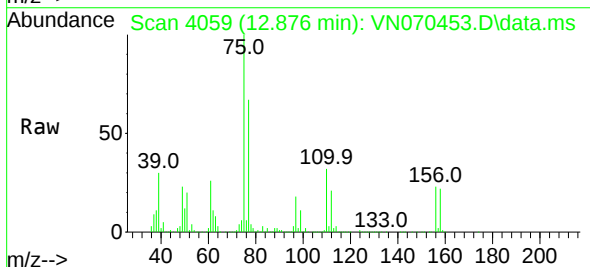
Tgt Ion: 83 Resp: 98208
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

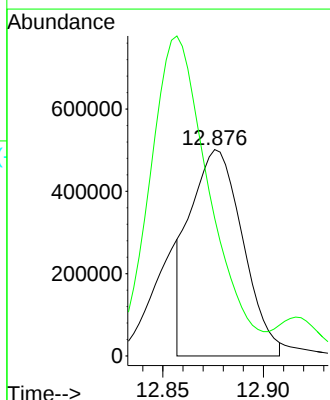
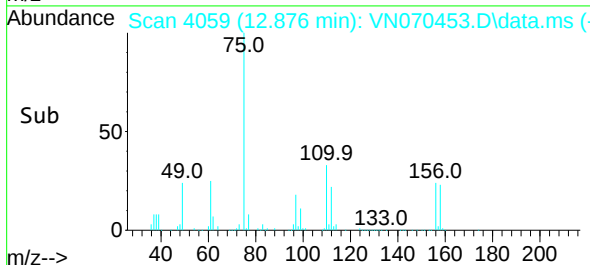
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

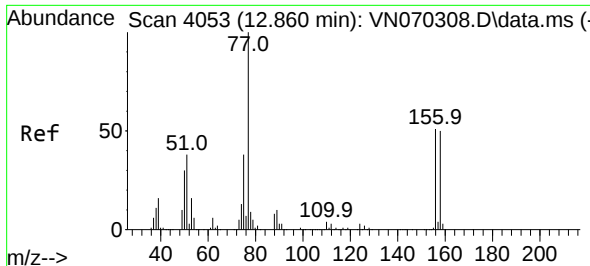


#76
1,2,3-Trichloropropane
Concen: 47.320 ug/l m
RT: 12.876 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion: 75 Resp: 908005
Ion Ratio Lower Upper
75 100
77 176.2 82.6 247.8





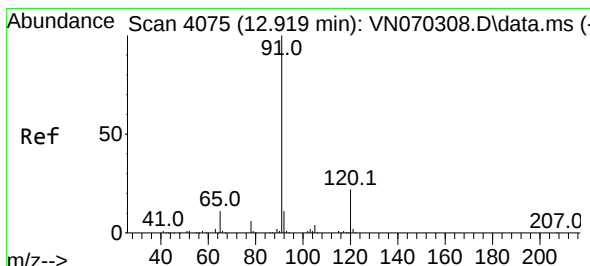
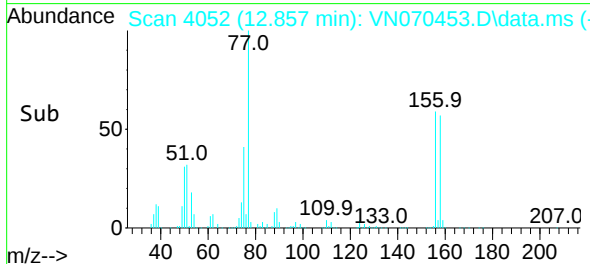
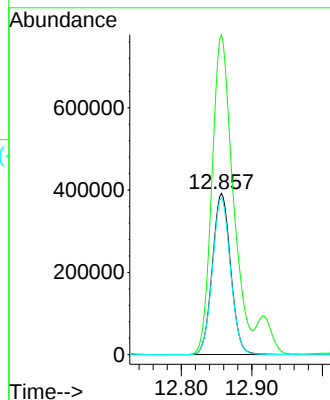
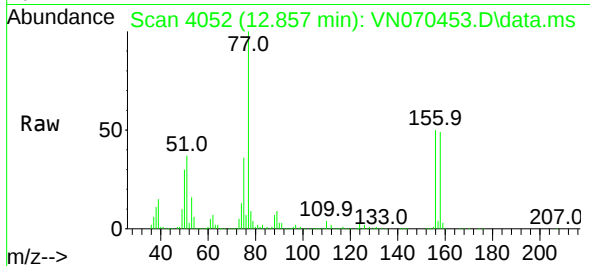
#77
Bromobenzene
Concen: 50.758 ug/l
RT: 12.857 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 703720
Ion Ratio Lower Upper
156 100
77 227.4 90.6 271.8
158 96.8 48.9 146.7

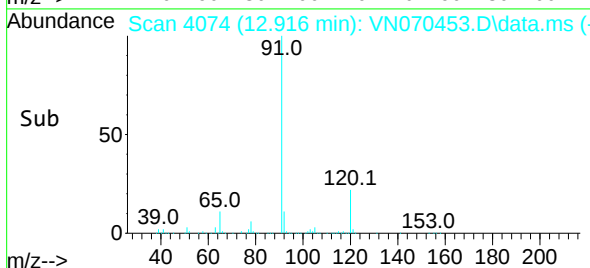
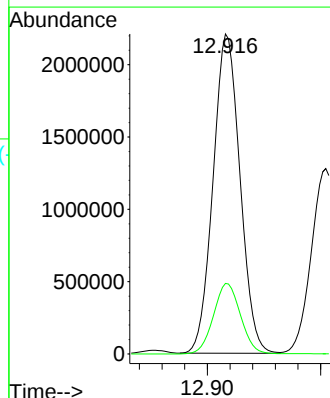
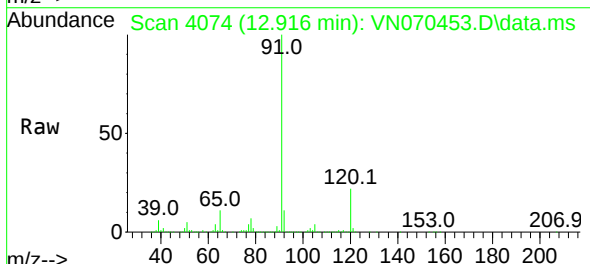
Manual Integrations
APPROVED

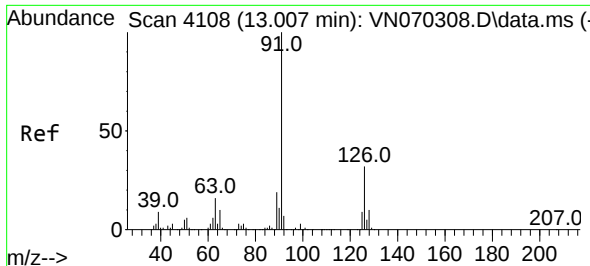
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#78
n-propylbenzene
Concen: 54.411 ug/l
RT: 12.916 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

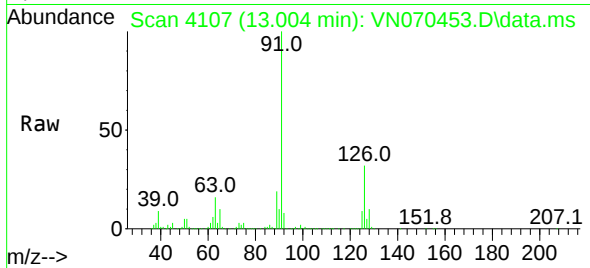
Tgt Ion: 91 Resp: 3640552
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#79
2-Chlorotoluene
Concen: 51.394 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

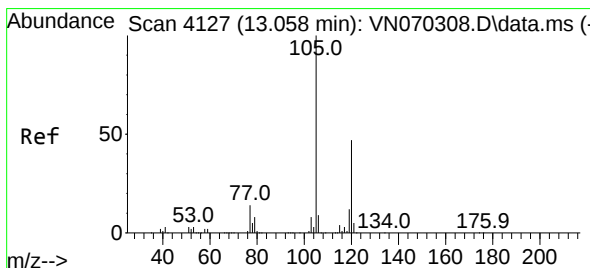
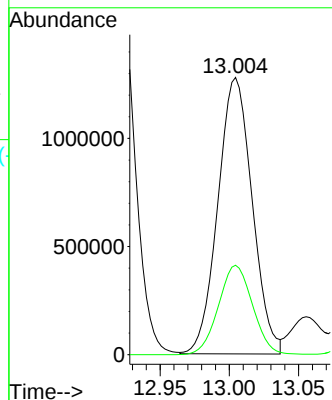
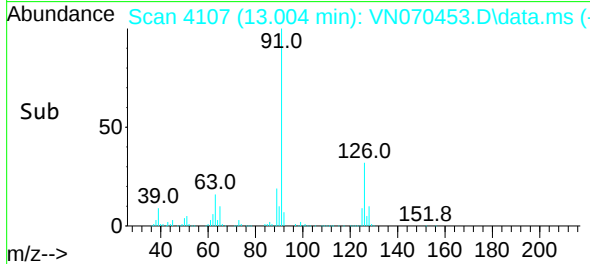
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



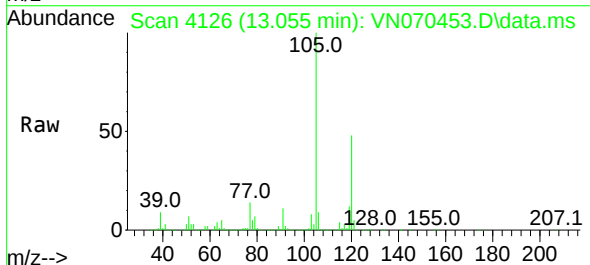
Tgt Ion: 91 Resp: 2206380
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

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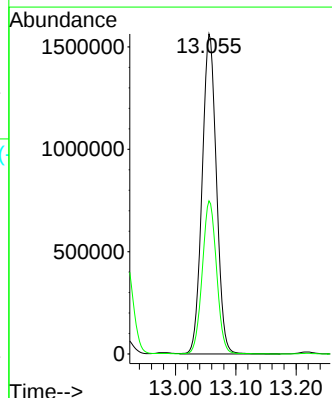
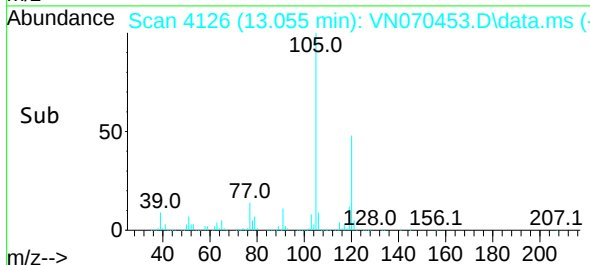
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

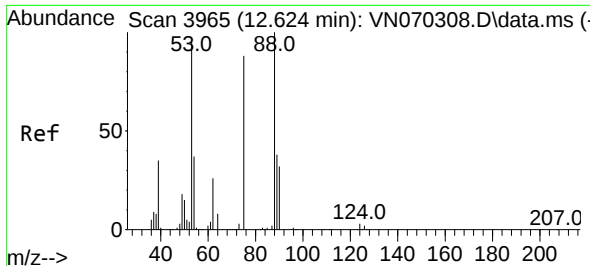


#80
1,3,5-Trimethylbenzene
Concen: 53.260 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



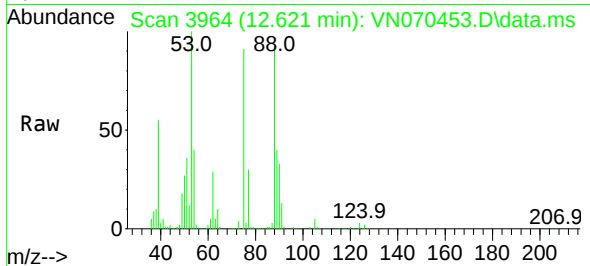
Tgt Ion:105 Resp: 2577375
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.638 ug/l
RT: 12.621 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

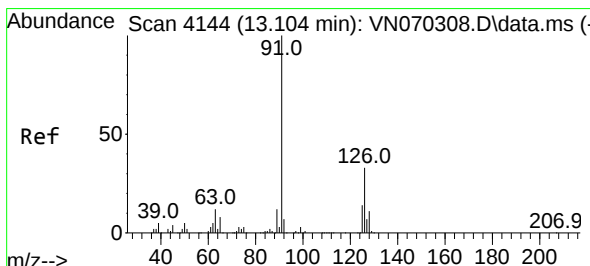
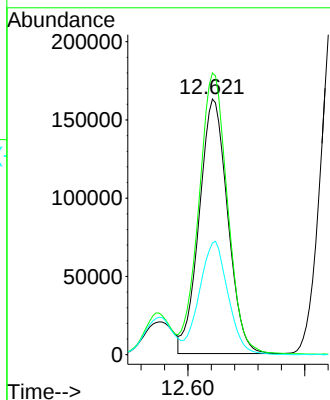
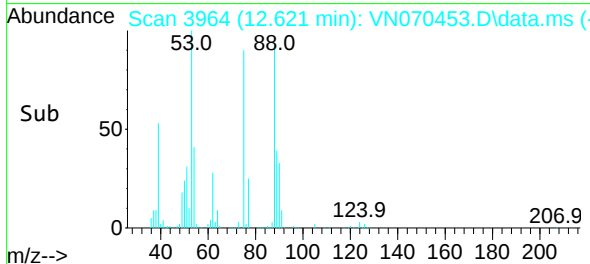
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 274839
Ion Ratio Lower Upper
75 100
53 111.7 90.5 135.7
89 45.1 38.2 57.4

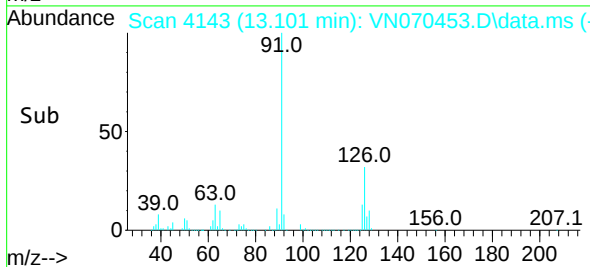
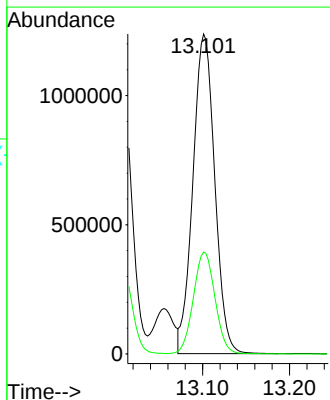
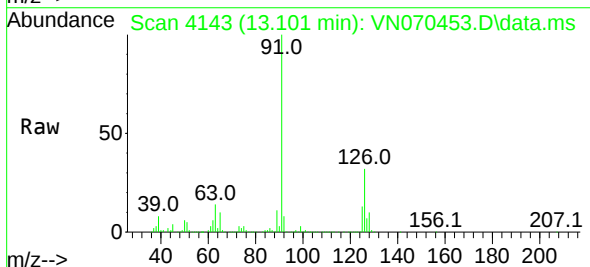
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#82
4-Chlorotoluene
Concen: 53.556 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

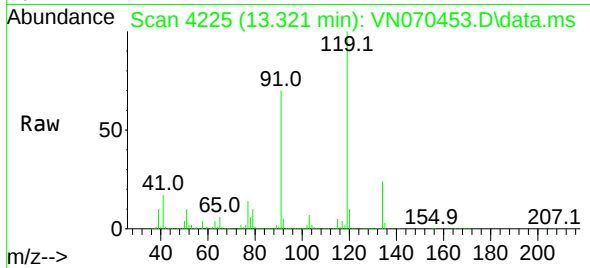
Tgt Ion: 91 Resp: 2153707
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.479 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

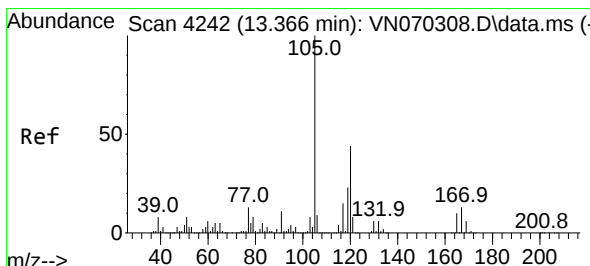
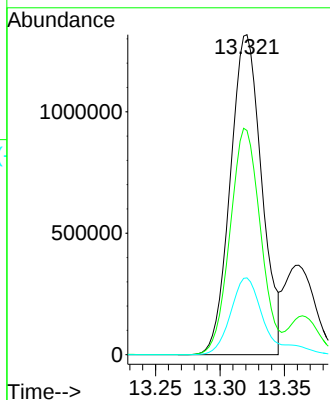
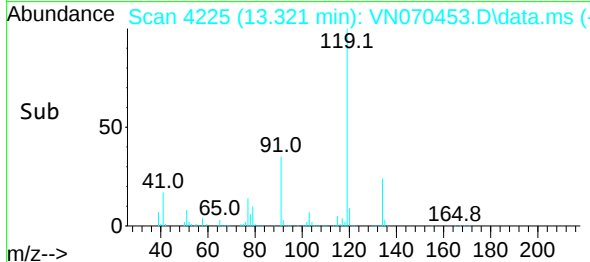
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



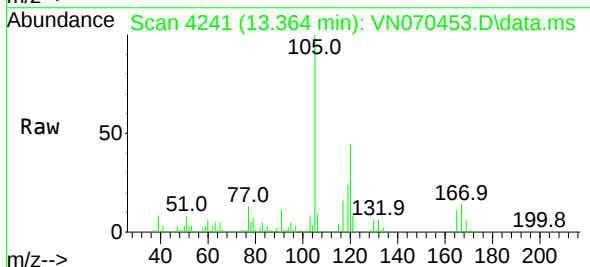
Tgt Ion:119 Resp: 2236174
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
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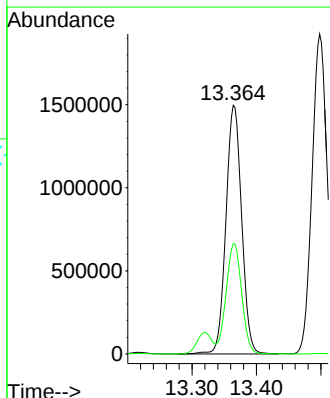
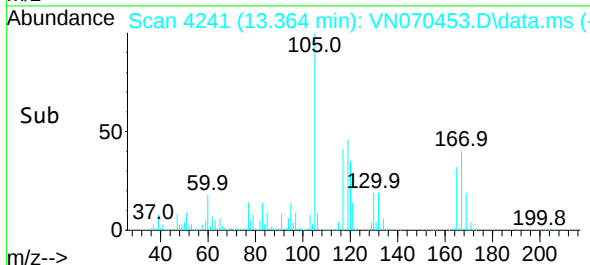
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

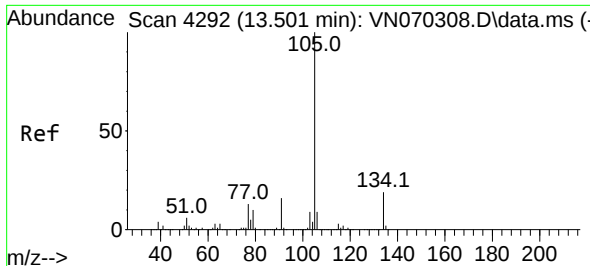


#84
1,2,4-Trimethylbenzene
Concen: 54.268 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



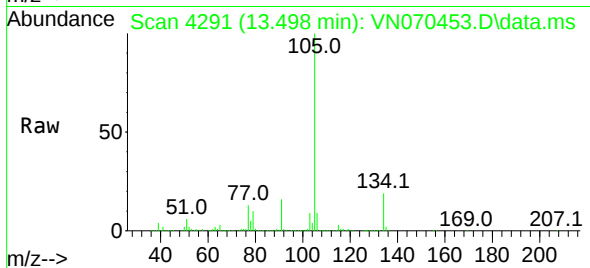
Tgt Ion:105 Resp: 2528790
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 54.839 ug/l
 RT: 13.498 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25

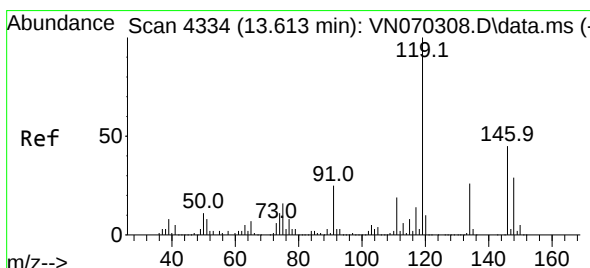
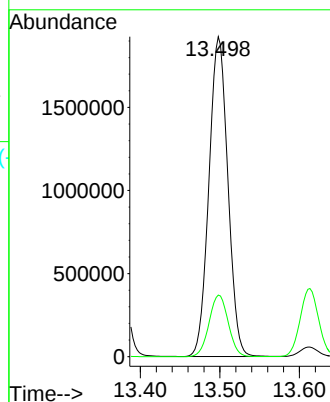
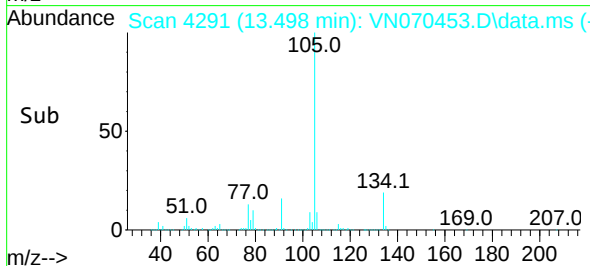
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



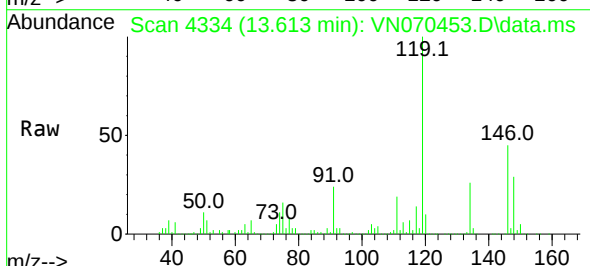
Tgt Ion:105 Resp: 3172499
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

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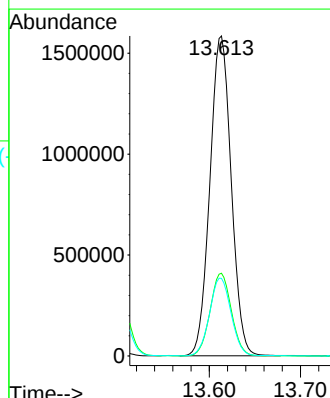
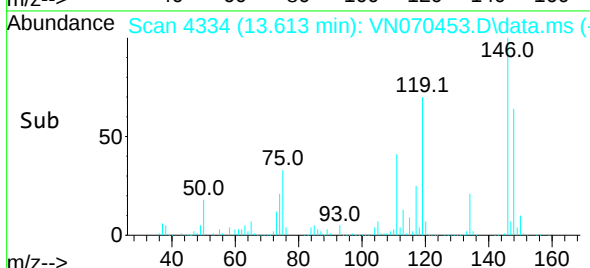
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

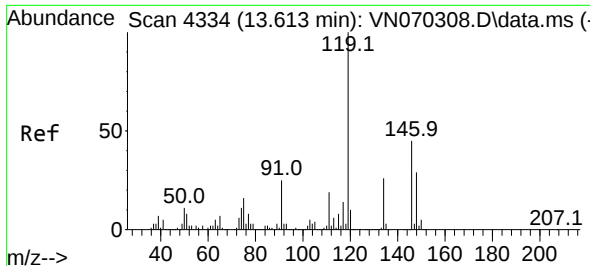


#86
 p-Isopropyltoluene
 Concen: 56.519 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070453.D
 Acq: 4 Jan 2022 10:25



Tgt Ion:119 Resp: 2568460
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 53.437 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 1240210

Ion Ratio Lower Upper

146 100

111 41.7 18.6 55.6

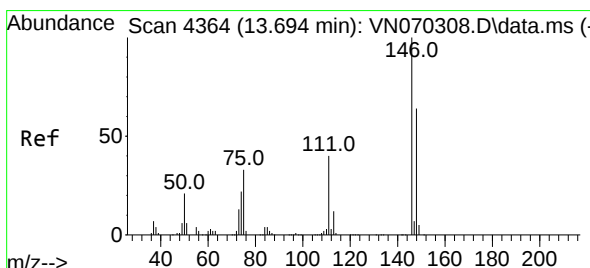
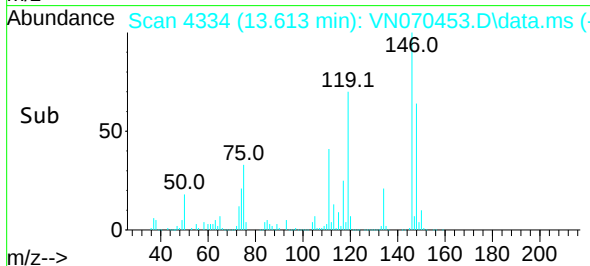
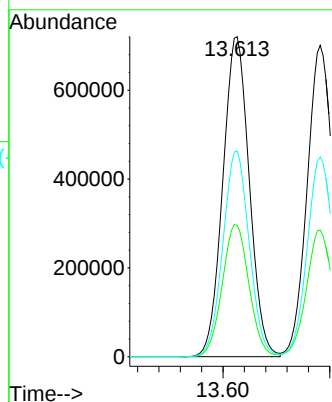
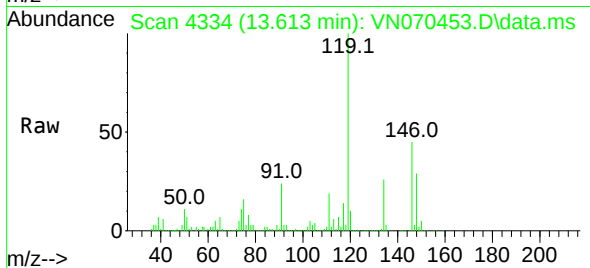
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#88

1,4-Dichlorobenzene

Concen: 52.525 ug/l

RT: 13.691 min Scan# 4363

Delta R.T. -0.003 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

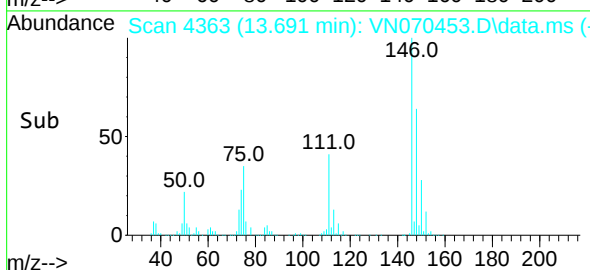
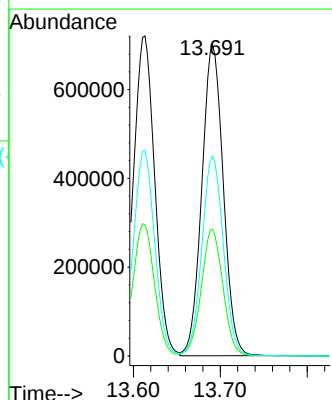
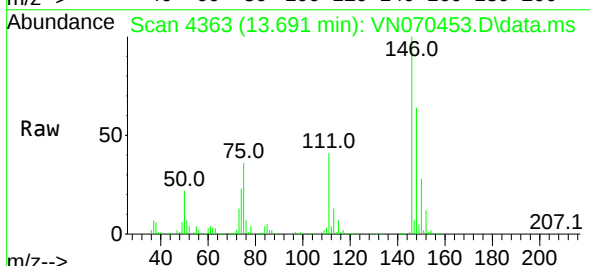
Tgt Ion:146 Resp: 1202499

Ion Ratio Lower Upper

146 100

111 41.2 18.3 54.8

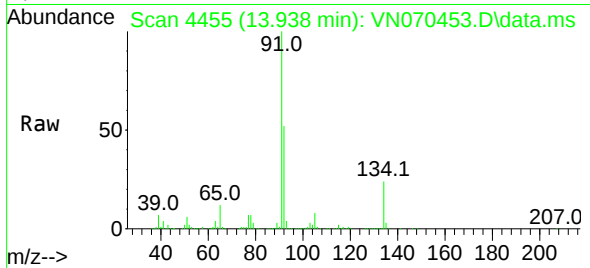
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 56.706 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

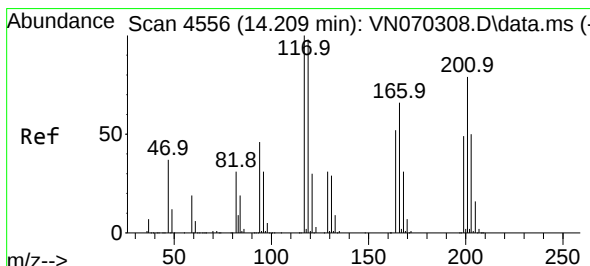
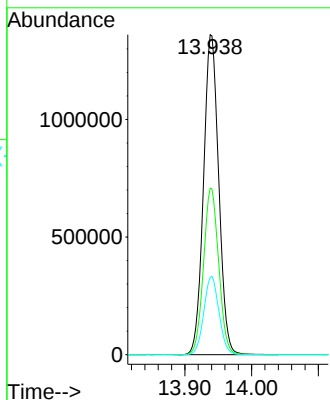
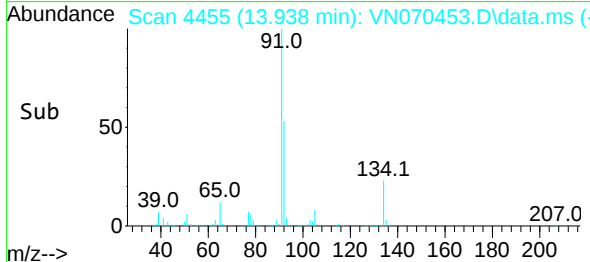
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2149460
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.5 13.6 40.8

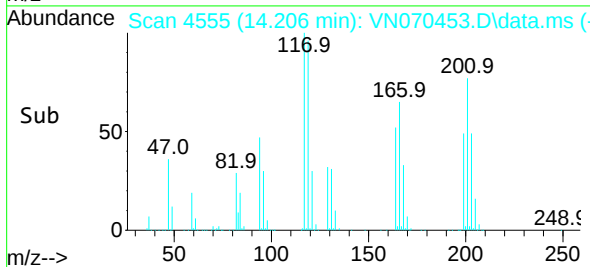
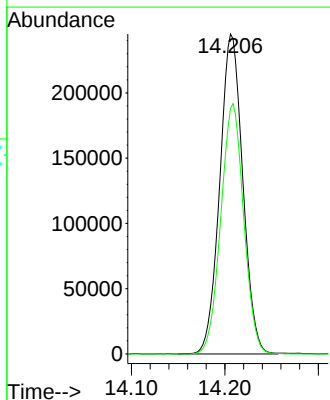
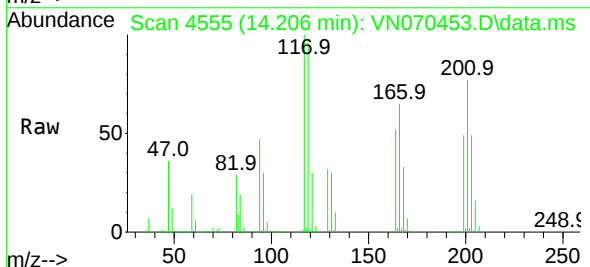
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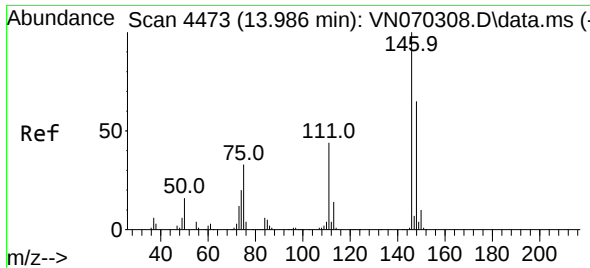
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#90
Hexachloroethane
Concen: 53.170 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

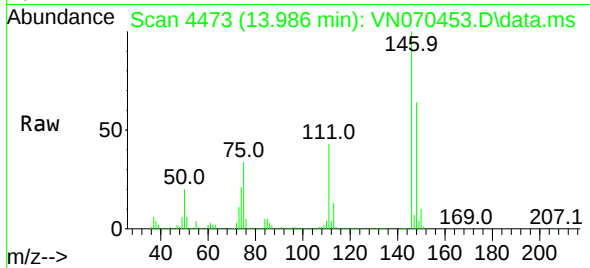
Tgt Ion:117 Resp: 419764
Ion Ratio Lower Upper
117 100
201 77.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 52.046 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

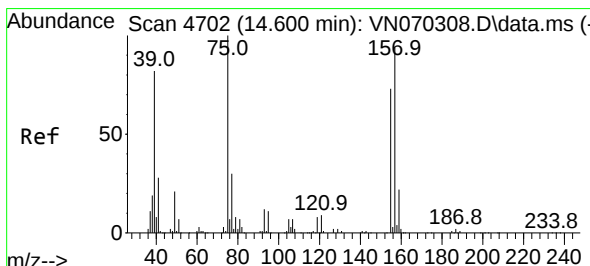
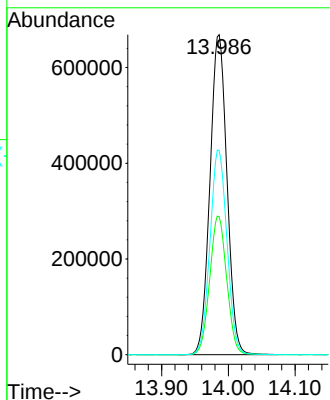
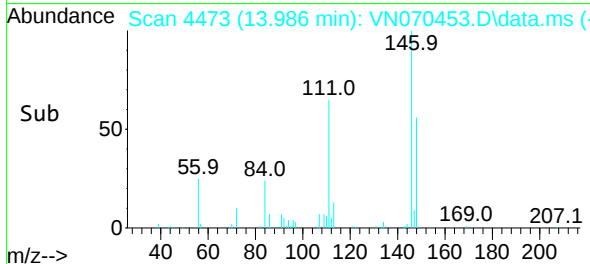
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



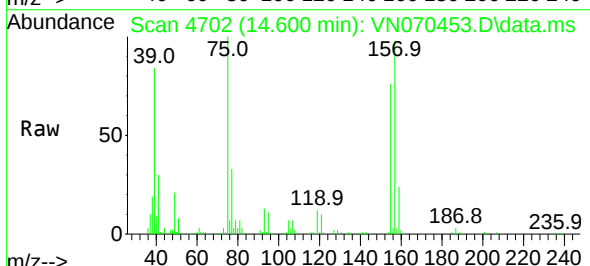
Tgt Ion:146 Resp: 1184170
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.3
148 64.1 32.1 96.3

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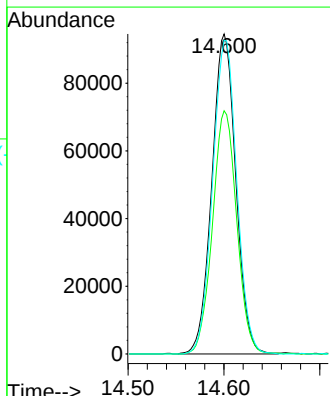
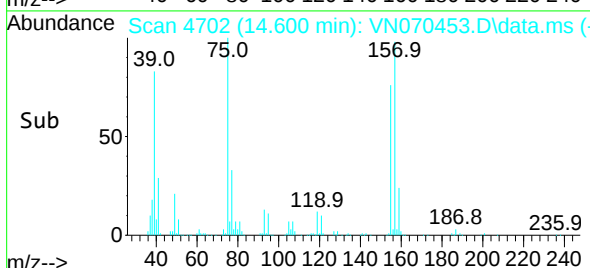
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

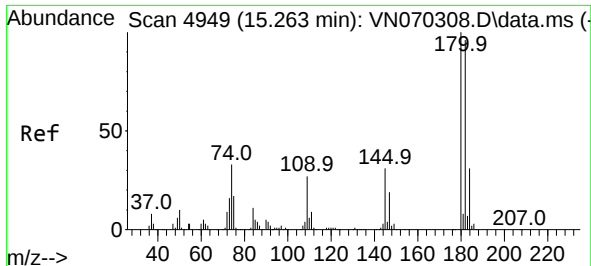


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.935 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25



Tgt Ion: 75 Resp: 164189
Ion Ratio Lower Upper
75 100
155 76.8 46.9 140.7
157 98.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 54.356 ug/l

RT: 15.260 min Scan# 4949

Delta R.T. -0.003 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

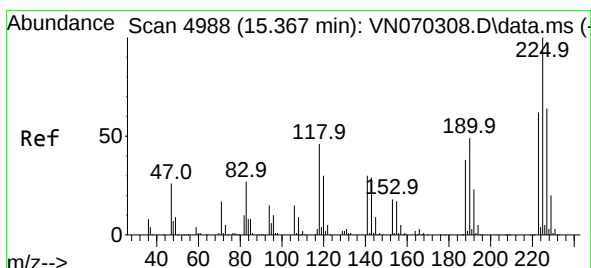
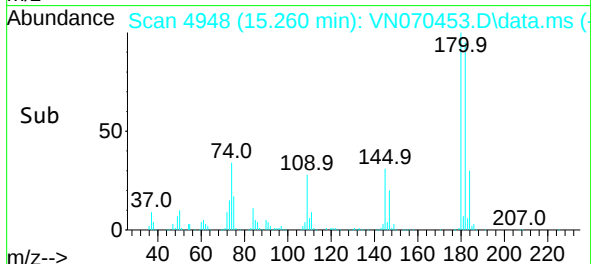
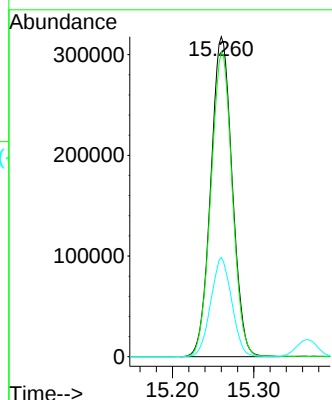
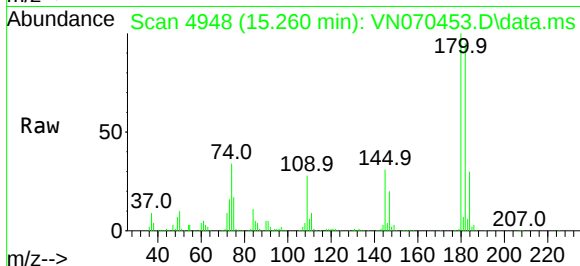
Tgt Ion:180	Resp: 58272
Ion Ratio	Lower Upper
180 100	
182 94.6	48.3 144.9
145 30.4	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#94

Hexachlorobutadiene

Concen: 54.724 ug/l

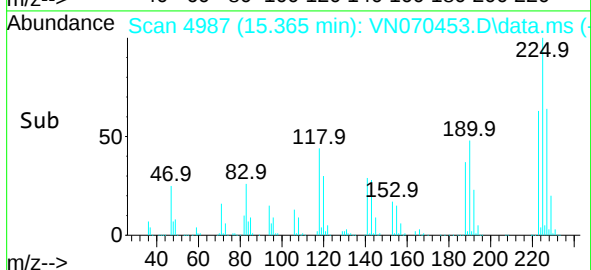
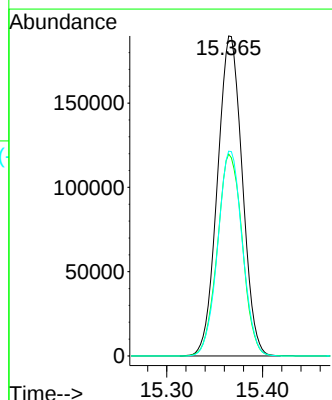
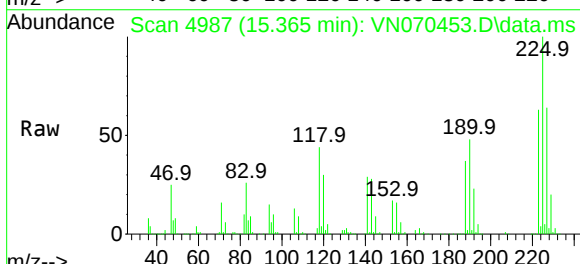
RT: 15.365 min Scan# 4987

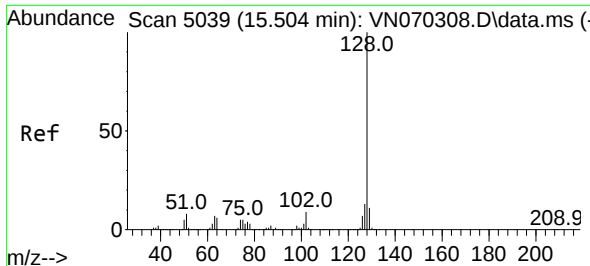
Delta R.T. -0.002 min

Lab File: VN070453.D

Acq: 4 Jan 2022 10:25

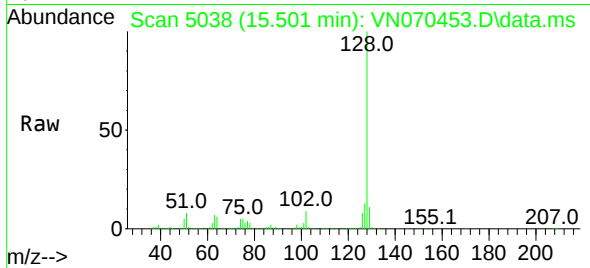
Tgt Ion:225	Resp: 340966
Ion Ratio	Lower Upper
225 100	
223 63.2	31.9 95.7
227 63.4	32.1 96.3





#95
Naphthalene
Concen: 48.368 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

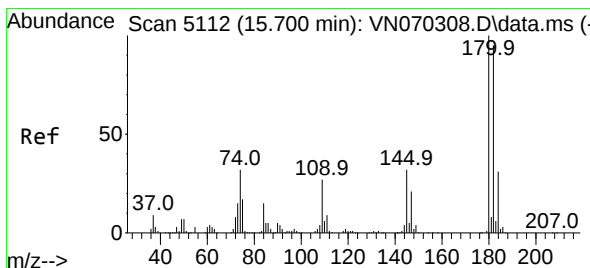
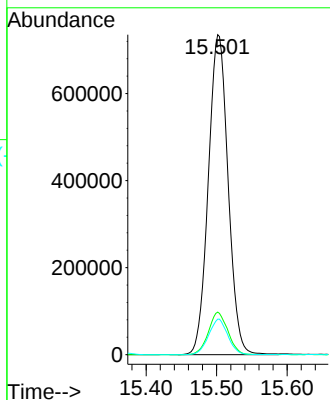
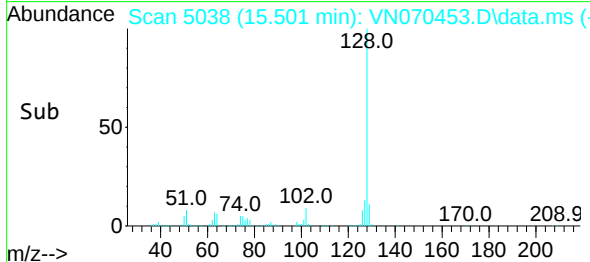
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 143128
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.674 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070453.D
Acq: 4 Jan 2022 10:25

Tgt Ion:180 Resp: 540603
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 32.7 15.0 45.1

