

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074663.D
 Acq On : 30 Sep 2022 13:30
 Operator : JC\MD
 Sample : VN0930WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/03/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 03 02:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.928	168	368441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.822	114	686269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	729887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	438402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	445130	48.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.420%		
35) Dibromofluoromethane	7.863	113	344683	47.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.900%		
50) Toluene-d8	10.310	98	1475588	48.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.604	95	441463	45.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	154869	20.078	ug/l	98
3) Chloromethane	2.216	50	216364	19.175	ug/l	96
4) Vinyl Chloride	2.352	62	339093	20.695	ug/l	96
5) Bromomethane	2.716	94	258137	22.806	ug/l	97
6) Chloroethane	2.893	64	228957	18.184	ug/l	98
7) Trichlorofluoromethane	3.234	101	219967	19.308	ug/l	97
8) Diethyl Ether	3.687	74	101463	20.670	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.040	101	133525	19.667	ug/l	91
10) Methyl Iodide	4.246	142	159870	19.817	ug/l	91
11) Tert butyl alcohol	5.169	59	215204	87.267	ug/l	97
12) 1,1-Dichloroethene	4.022	96	125994	18.310	ug/l	94
13) Acrolein	3.893	56	91005	88.400	ug/l	99
14) Allyl chloride	4.652	41	279520	18.805	ug/l	96
15) Acrylonitrile	5.357	53	573492	98.555	ug/l	99
16) Acetone	4.122	43	441994	96.674	ug/l	97
17) Carbon Disulfide	4.357	76	383892	19.116	ug/l #	95
18) Methyl Acetate	4.669	43	329255	19.299	ug/l	90
19) Methyl tert-butyl Ether	5.416	73	513105	19.537	ug/l	94
20) Methylene Chloride	4.899	84	169618	20.547	ug/l #	81
21) trans-1,2-Dichloroethene	5.404	96	141120	18.772	ug/l	98
22) Diisopropyl ether	6.298	45	605805	20.035	ug/l	92
23) Vinyl Acetate	6.240	43	2614236	98.367	ug/l #	91
24) 1,1-Dichloroethane	6.187	63	298256	19.330	ug/l	97
25) 2-Butanone	7.157	43	807514	95.008	ug/l	90
26) 2,2-Dichloropropane	7.145	77	250501	19.090	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	175095	19.043	ug/l	92
28) Bromochloromethane	7.492	49	152161	21.652	ug/l #	66
29) Tetrahydrofuran	7.516	42	549459	97.978	ug/l #	86
30) Chloroform	7.657	83	278135	19.560	ug/l	100
31) Cyclohexane	7.934	56	302124	20.139	ug/l	85
32) 1,1,1-Trichloroethane	7.857	97	242056	19.398	ug/l	96
36) 1,1-Dichloropropene	8.063	75	219863	18.900	ug/l	95
37) Ethyl Acetate	7.240	43	321188	18.687	ug/l #	96
38) Carbon Tetrachloride	8.045	117	203932	19.135	ug/l	98
39) Methylcyclohexane	9.316	83	285846	19.682	ug/l	92
40) Benzene	8.304	78	683458	19.062	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.469	41	156853	20.833	ug/l	88
42) 1,2-Dichloroethane	8.381	62	231719	19.237	ug/l	99
43) Isopropyl Acetate	8.416	43	504749	18.340	ug/l	93
44) Trichloroethene	9.075	130	144987	19.409	ug/l	92
45) 1,2-Dichloropropane	9.357	63	189021	19.365	ug/l	100
46) Dibromomethane	9.439	93	117347	19.073	ug/l #	83
47) Bromodichloromethane	9.628	83	234318	19.487	ug/l	94
48) Methyl methacrylate	9.428	41	215577	19.007	ug/l	91
49) 1,4-Dioxane	9.434	88	80041	369.979	ug/l #	89
51) 4-Methyl-2-Pentanone	10.204	43	1679637	96.444	ug/l	89
52) Toluene	10.375	92	417550	19.287	ug/l	96
53) t-1,3-Dichloropropene	10.592	75	264272	19.389	ug/l	95
54) cis-1,3-Dichloropropene	10.063	75	280308	18.666	ug/l	94
55) 1,1,2-Trichloroethane	10.775	97	167354	19.181	ug/l	94
56) Ethyl methacrylate	10.633	69	292121	19.409	ug/l #	83
57) 1,3-Dichloropropane	10.916	76	310125	20.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.910	63	551089	89.685	ug/l #	88
59) 2-Hexanone	10.963	43	1240645	94.262	ug/l	89
60) Dibromochloromethane	11.110	129	158273	18.856	ug/l	99
61) 1,2-Dibromoethane	11.216	107	164613	19.253	ug/l	98
64) Tetrachloroethene	10.851	164	115582	18.731	ug/l	93
65) Chlorobenzene	11.645	112	420764	19.267	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.716	131	150380	19.300	ug/l	98
67) Ethyl Benzene	11.716	91	800392	19.588	ug/l	97
68) m/p-Xylenes	11.828	106	608208	39.308	ug/l	97
69) o-Xylene	12.157	106	296316	19.052	ug/l	95
70) Styrene	12.169	104	473058	19.071	ug/l	96
71) Bromoform	12.333	173	116442	18.638	ug/l #	96
73) Isopropylbenzene	12.451	105	769875	18.746	ug/l	99
74) N-amyl acetate	12.269	43	437311	19.185	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.704	83	284976	20.255	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	194257m	18.127	ug/l	
77) Bromobenzene	12.733	156	155364	19.564	ug/l	78
78) n-propylbenzene	12.798	91	912099	19.254	ug/l	94
79) 2-Chlorotoluene	12.880	91	517978	18.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	636443	19.421	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.504	75	99058	18.882	ug/l	96
82) 4-Chlorotoluene	12.980	91	500389	18.889	ug/l	100
83) tert-Butylbenzene	13.198	119	551574	18.845	ug/l	99
84) 1,2,4-Trimethylbenzene	13.239	105	634043	19.374	ug/l	100
85) sec-Butylbenzene	13.374	105	809434	19.680	ug/l	96
86) p-Isopropyltoluene	13.492	119	633521	19.443	ug/l	97
87) 1,3-Dichlorobenzene	13.492	146	301361	18.878	ug/l	99
88) 1,4-Dichlorobenzene	13.569	146	285432	17.494	ug/l	93
89) n-Butylbenzene	13.816	91	540256	18.793	ug/l	97
90) Hexachloroethane	14.086	117	128454	18.321	ug/l	74
91) 1,2-Dichlorobenzene	13.863	146	308700	18.531	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.474	75	53748	17.072	ug/l	87
93) 1,2,4-Trichlorobenzene	15.127	180	141758	19.047	ug/l	96
94) Hexachlorobutadiene	15.233	225	61116	19.001	ug/l	95
95) Naphthalene	15.363	128	520914	17.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.557	180	134676	18.177	ug/l	97

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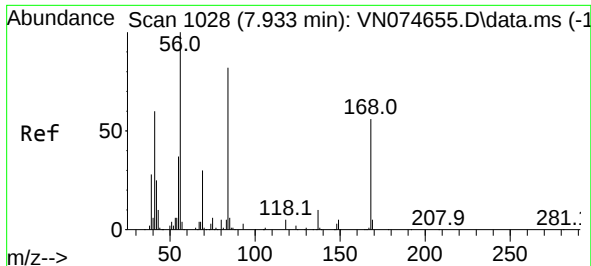
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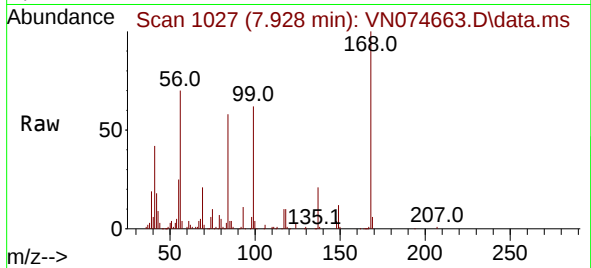
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.928 min Scan# 1027
Delta R.T. -0.005 min
Lab File: VN074663.D
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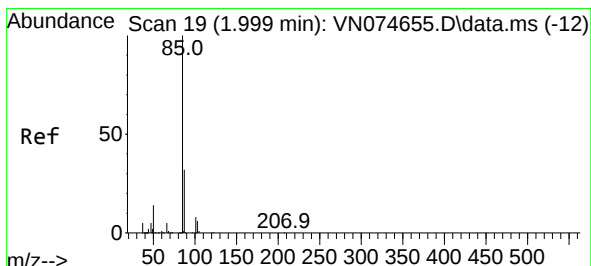
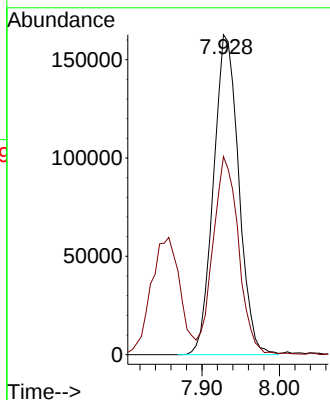
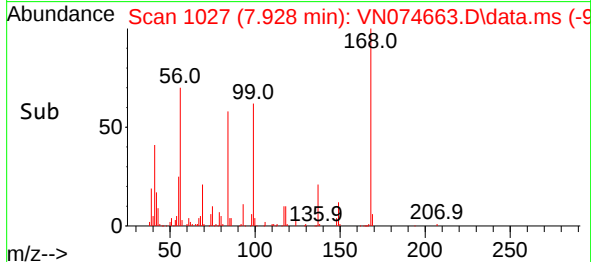
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion:168 Resp: 36844
Ion Ratio Lower Upper
168 100
99 61.5 42.3 63.5

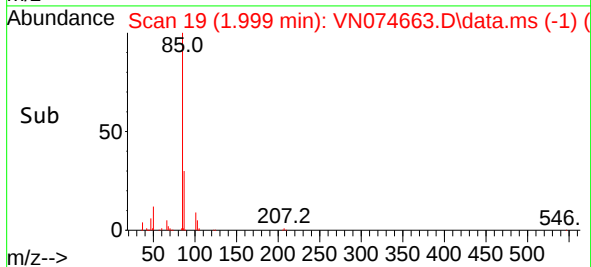
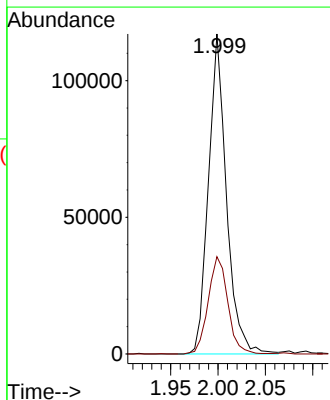
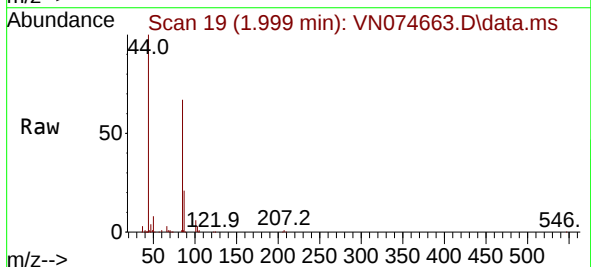
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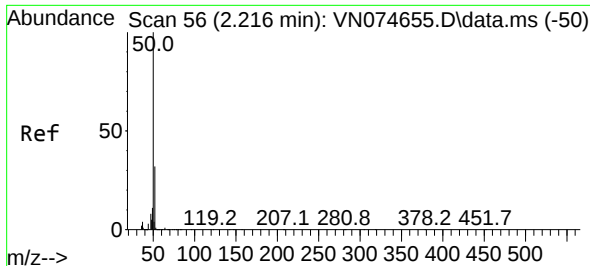
Reviewed By :John Carlone 10/03/2022
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#2
Dichlorodifluoromethane
Concen: 20.078 ug/l
RT: 1.999 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

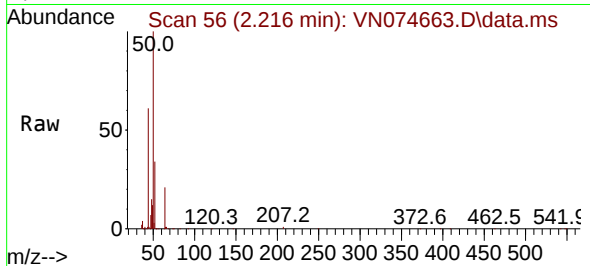
Tgt Ion: 85 Resp: 154869
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.1





#3
Chloromethane
Concen: 19.175 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

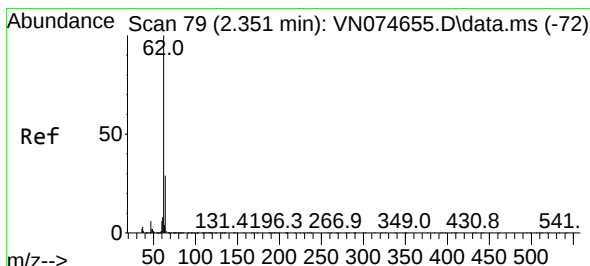
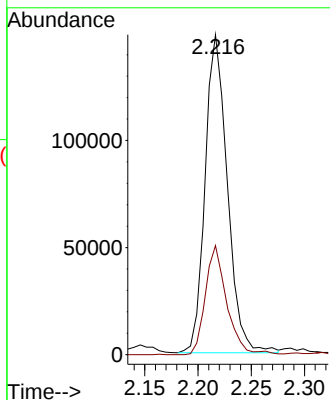
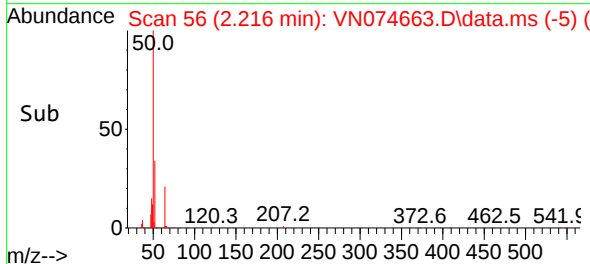
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Tgt Ion: 50 Resp: 216364
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

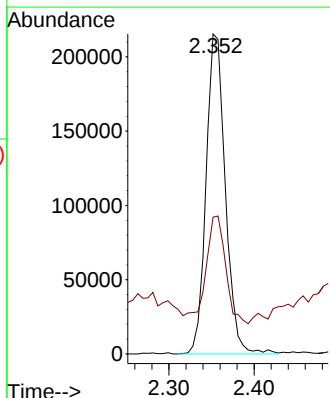
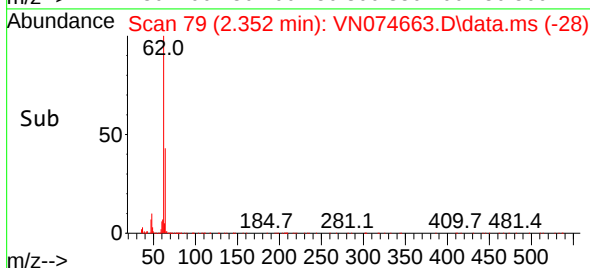
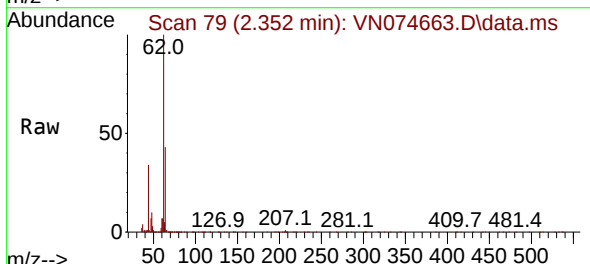
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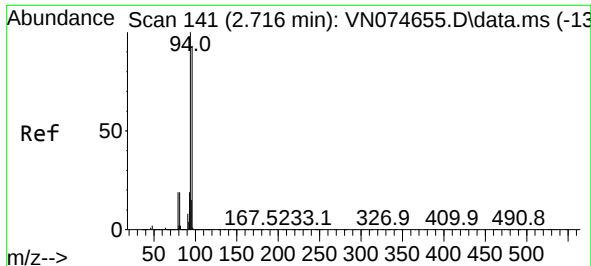
Reviewed By :John Carlone 10/03/2022
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#4
Vinyl Chloride
Concen: 20.695 ug/l
RT: 2.352 min Scan# 79
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

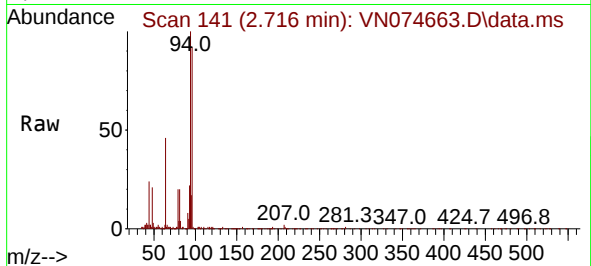
Tgt Ion: 62 Resp: 339093
Ion Ratio Lower Upper
62 100
64 28.8 25.0 37.4





#5
Bromomethane
Concen: 22.806 ug/l
RT: 2.716 min Scan# 141
Delta R.T. 0.000 min
Lab File: VN074663.D
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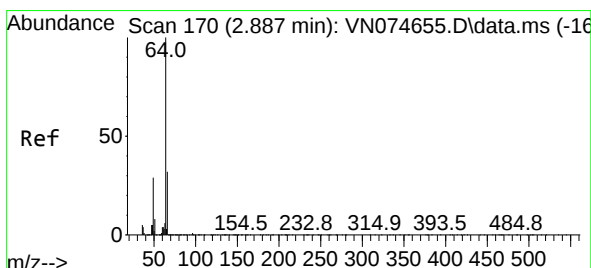
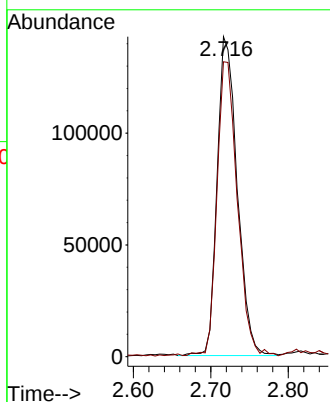
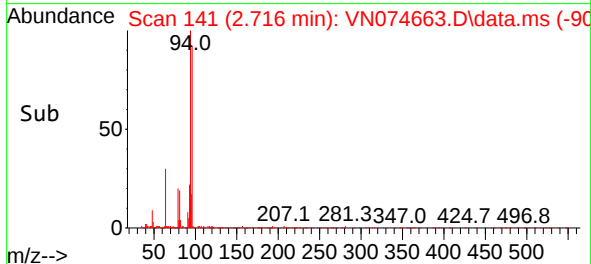
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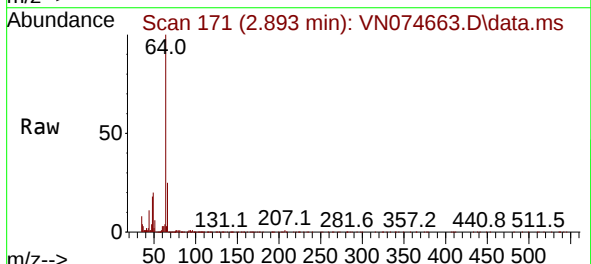
Tgt Ion: 94 Resp: 25813
Ion Ratio Lower Upper
94 100
96 92.1 76.0 114.0

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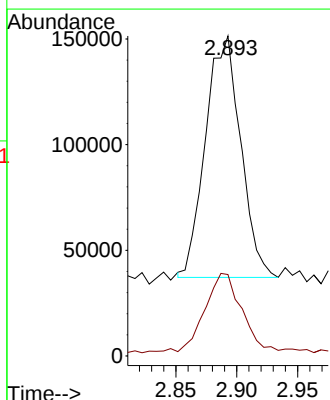
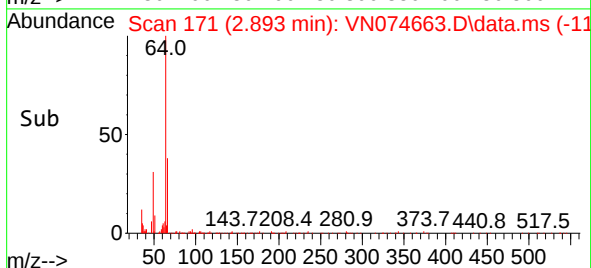
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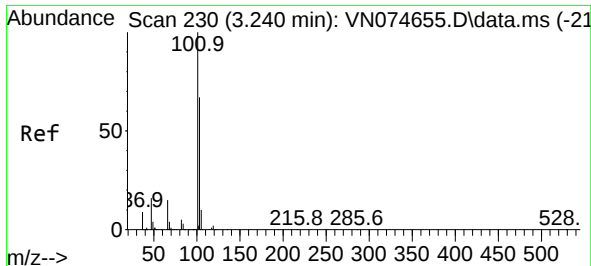


#6
Chloroethane
Concen: 18.184 ug/l
RT: 2.893 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN074663.D
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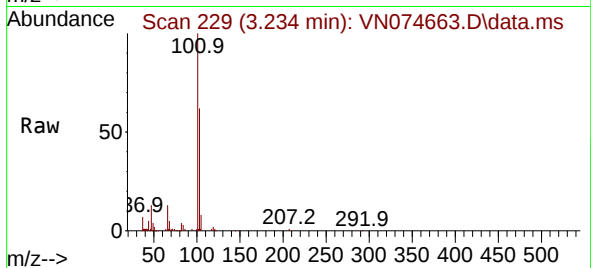
Tgt Ion: 64 Resp: 228957
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.308 ug/l
 RT: 3.234 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

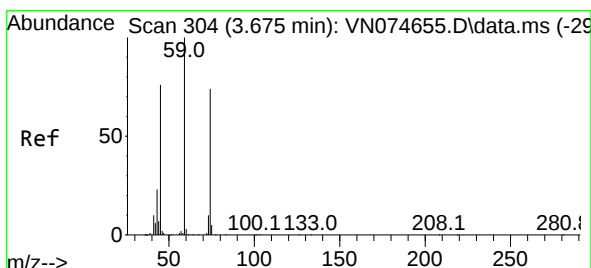
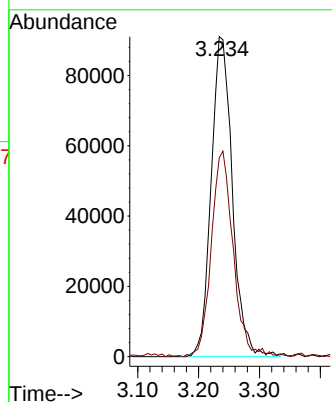
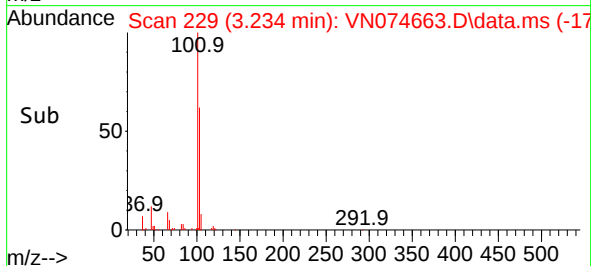
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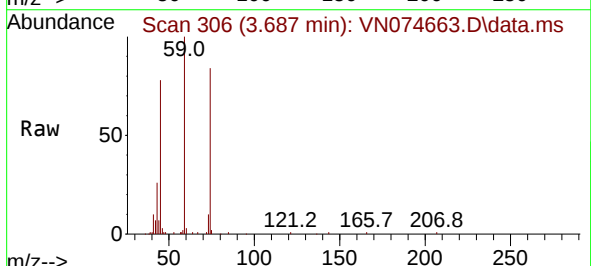
Tgt Ion:101 Resp: 21996
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.5 77.3

Manual Integrations
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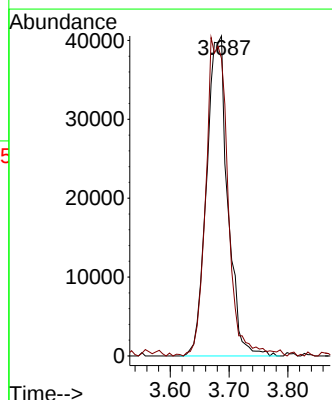
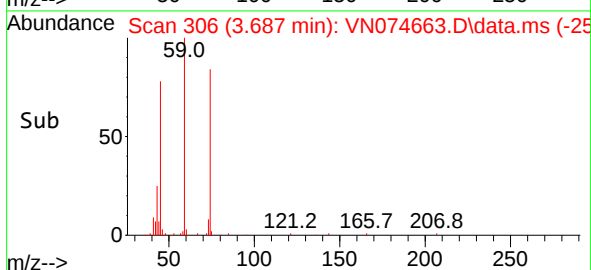
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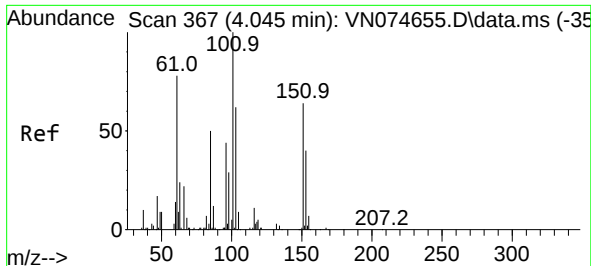


#8
 Diethyl Ether
 Concen: 20.670 ug/l
 RT: 3.687 min Scan# 306
 Delta R.T. 0.012 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30



Tgt Ion: 74 Resp: 101463
 Ion Ratio Lower Upper
 74 100
 45 103.1 42.9 128.5





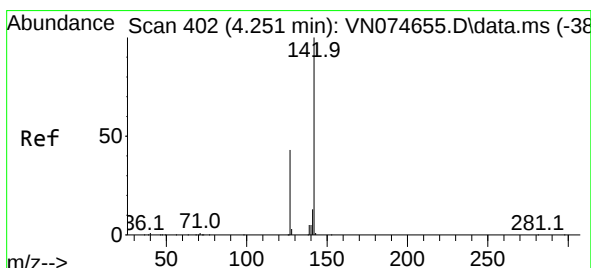
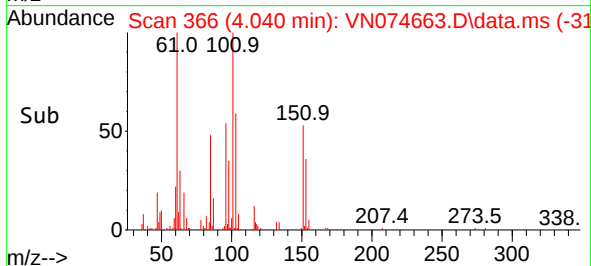
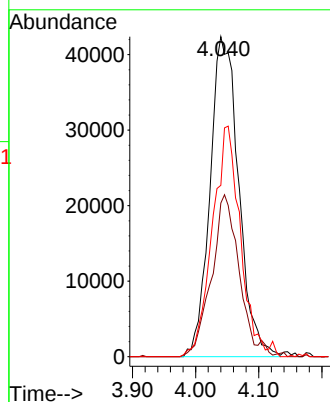
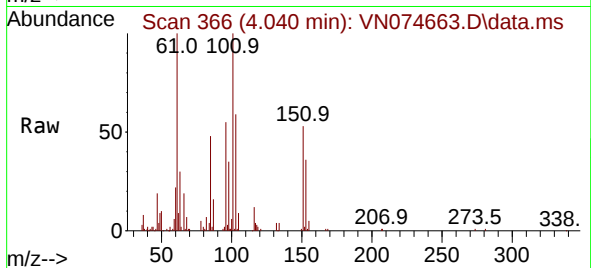
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.667 ug/l
RT: 4.040 min Scan# 30
Delta R.T. -0.005 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:101 Resp: 13352
Ion Ratio Lower Upper
101 100
85 47.8 34.7 52.1
151 69.9 63.0 94.4

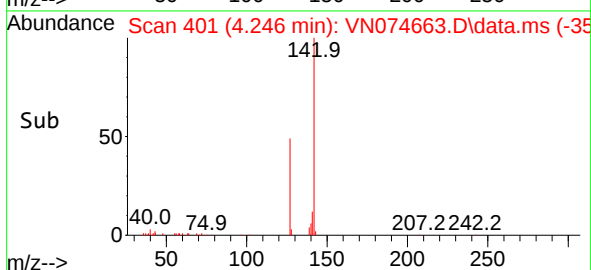
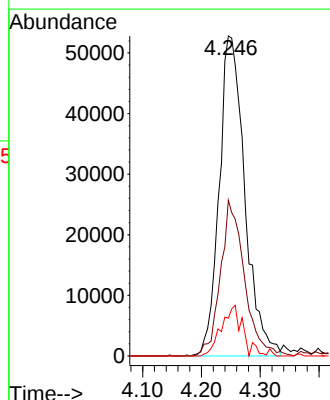
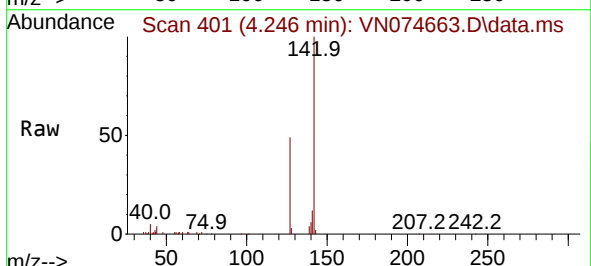
Manual Integrations
APPROVED

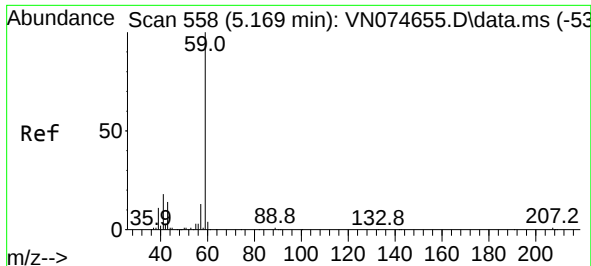
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 19.817 ug/l
RT: 4.246 min Scan# 401
Delta R.T. -0.005 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

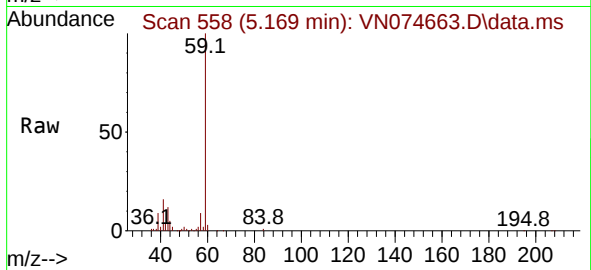
Tgt Ion:142 Resp: 159870
Ion Ratio Lower Upper
142 100
127 45.5 31.3 46.9
141 12.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 87.267 ug/l
RT: 5.169 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

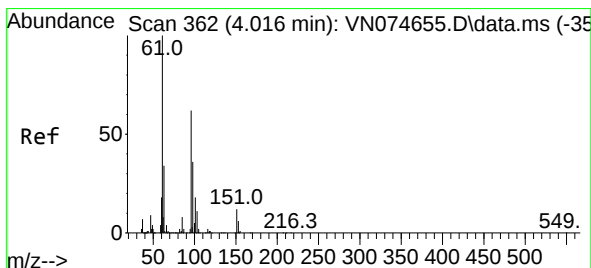
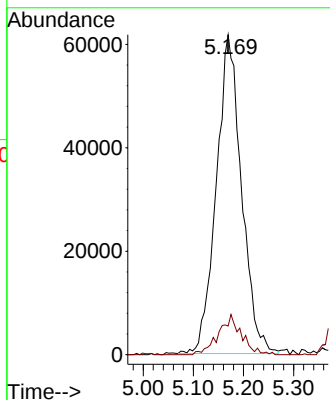
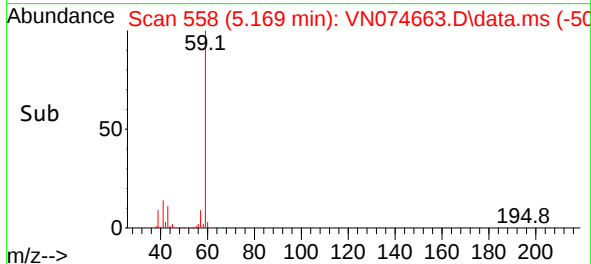
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



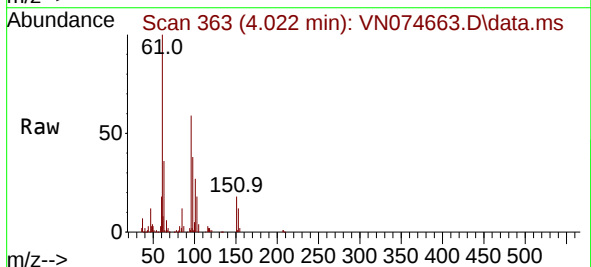
Tgt Ion: 59 Resp: 215204
Ion Ratio Lower Upper
59 100
57 11.5 8.3 12.5

Manual Integrations
APPROVED

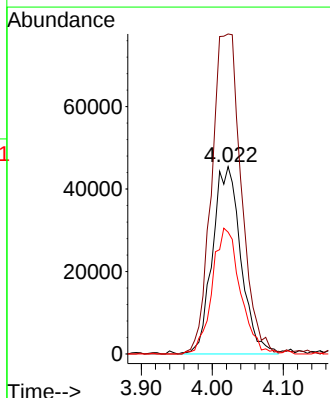
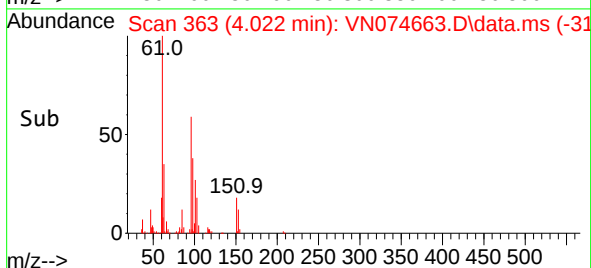
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

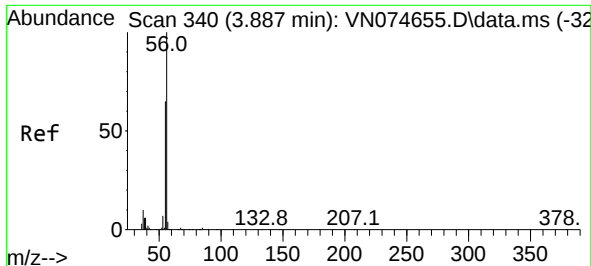


#12
1,1-Dichloroethene
Concen: 18.310 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



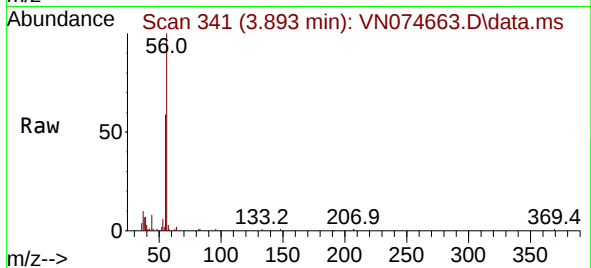
Tgt Ion: 96 Resp: 125994
Ion Ratio Lower Upper
96 100
61 170.8 127.6 191.4
98 65.0 51.2 76.8





#13
Acrolein
Concen: 88.400 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

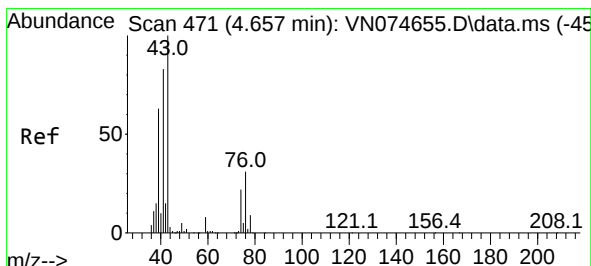
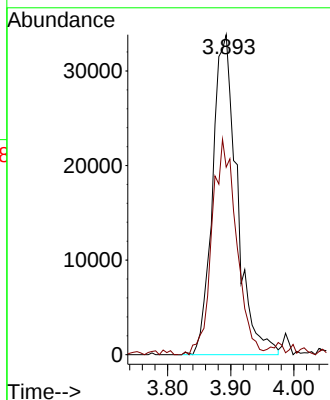
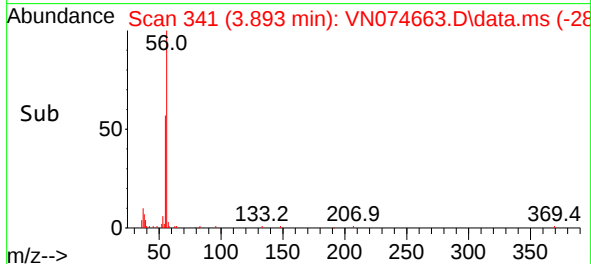
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 56 Resp: 9100
Ion Ratio Lower Upper
56 100
55 67.3 54.8 82.2

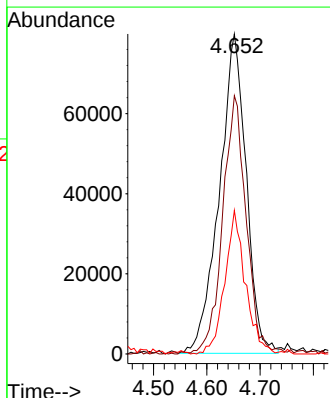
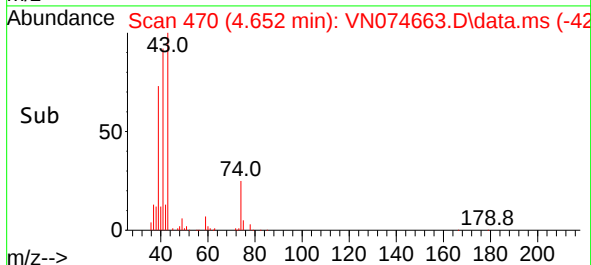
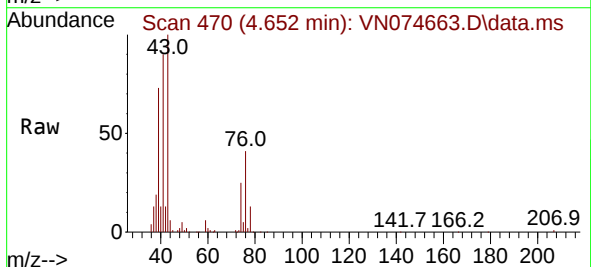
Manual Integrations
APPROVED

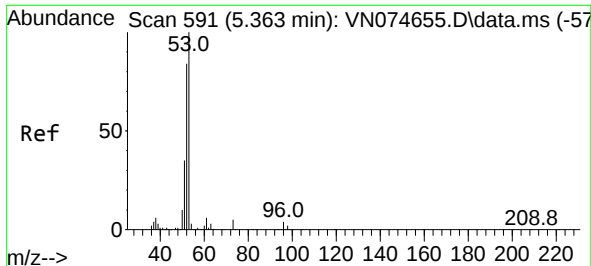
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 18.805 ug/l
RT: 4.652 min Scan# 470
Delta R.T. -0.005 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

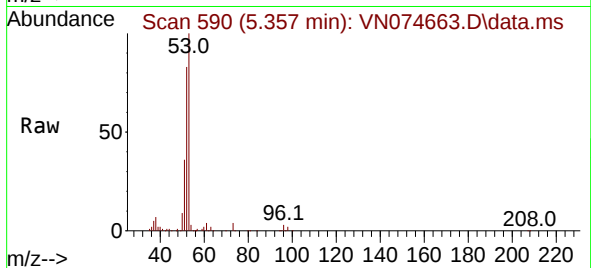
Tgt Ion: 41 Resp: 279520
Ion Ratio Lower Upper
41 100
39 69.6 53.2 79.8
76 34.5 29.9 44.9





#15
Acrylonitrile
Concen: 98.555 ug/l
RT: 5.357 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

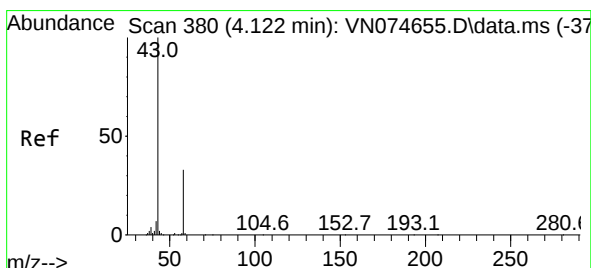
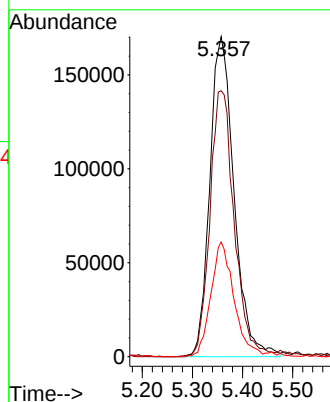
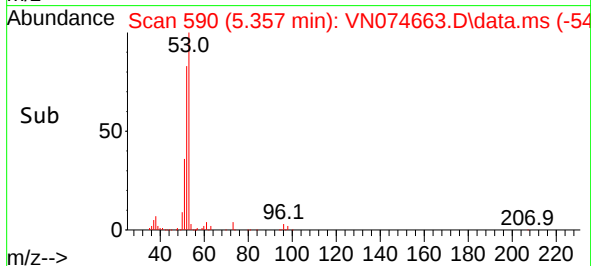
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 53 Resp: 573492
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 34.2 28.5 42.7

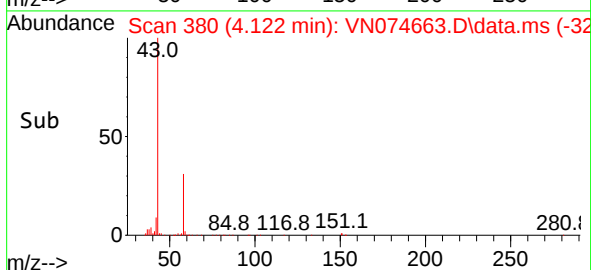
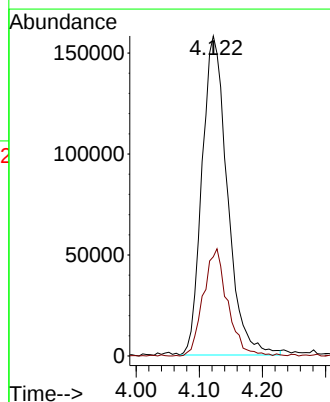
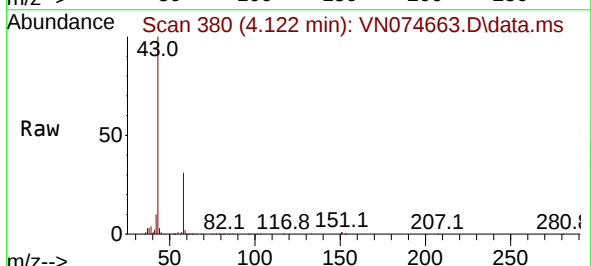
Manual Integrations
APPROVED

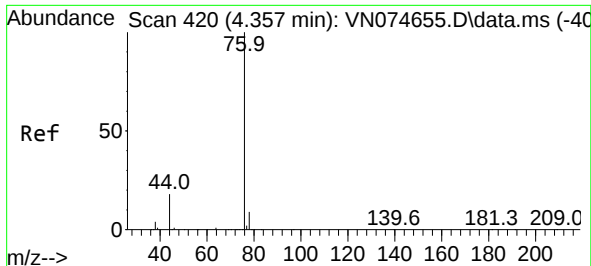
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 96.674 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

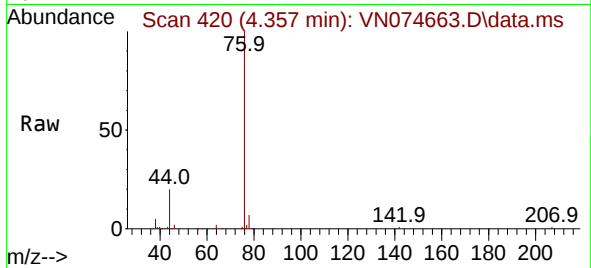
Tgt Ion: 43 Resp: 441994
Ion Ratio Lower Upper
43 100
58 31.1 26.0 39.0





#17
Carbon Disulfide
Concen: 19.116 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

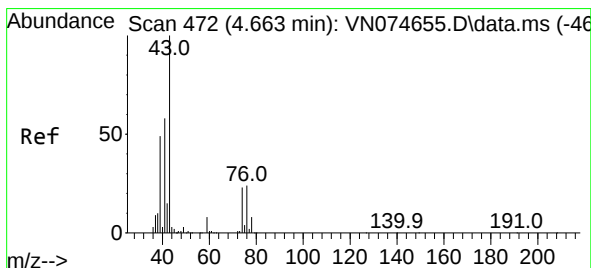
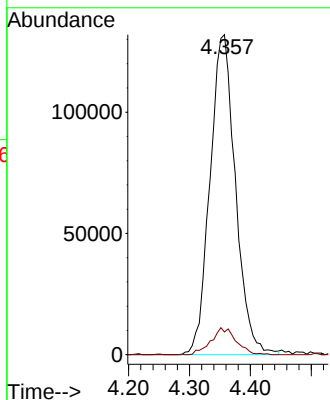
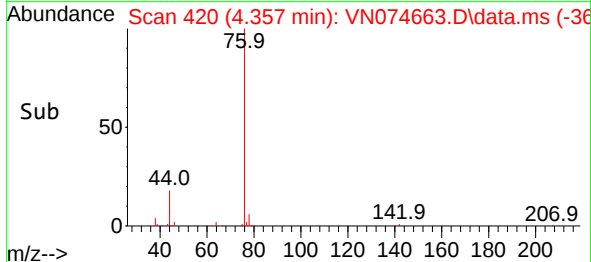
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



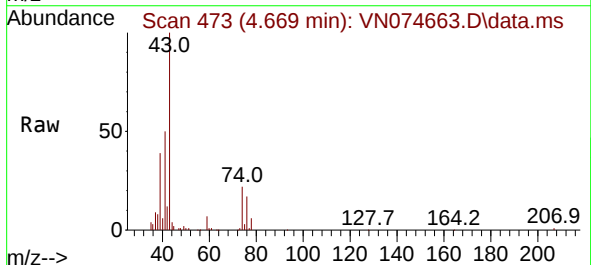
Tgt Ion: 76 Resp: 383892
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8

Manual Integrations
APPROVED

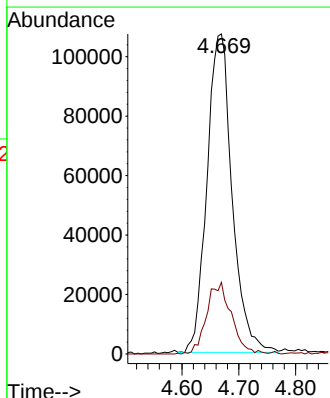
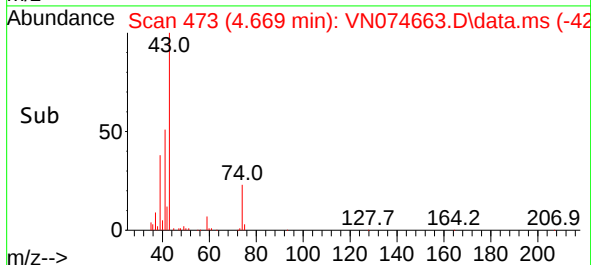
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

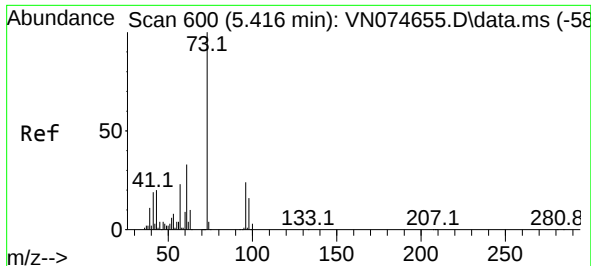


#18
Methyl Acetate
Concen: 19.299 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



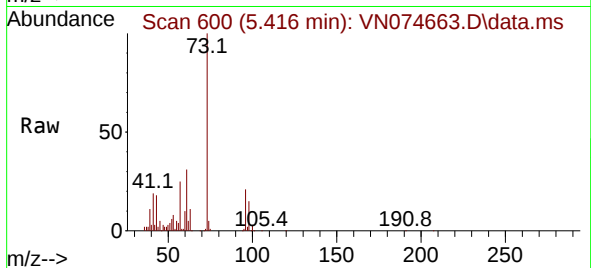
Tgt Ion: 43 Resp: 329255
Ion Ratio Lower Upper
43 100
74 22.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.537 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

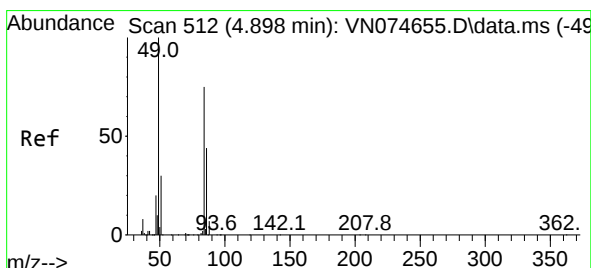
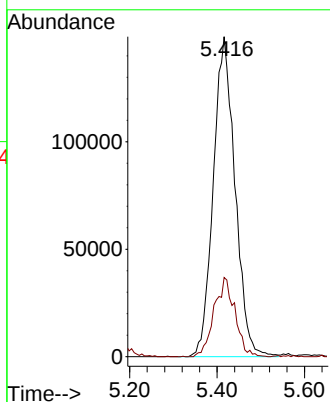
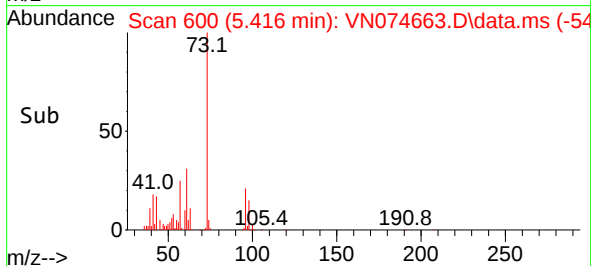
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 73 Resp: 51310
Ion Ratio Lower Upper
73 100
57 24.8 17.6 26.4

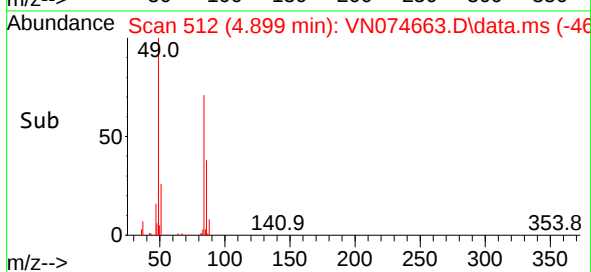
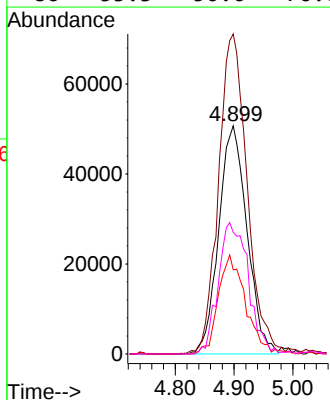
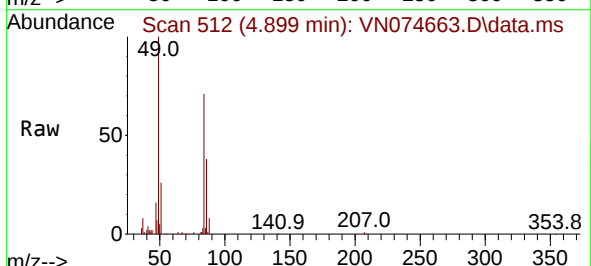
Manual Integrations
APPROVED

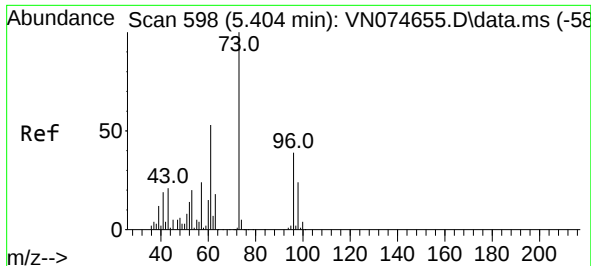
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 20.547 ug/l
RT: 4.899 min Scan# 512
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

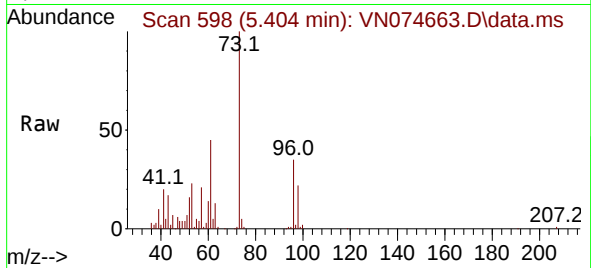
Tgt Ion: 84 Resp: 169618
Ion Ratio Lower Upper
84 100
49 140.2 88.3 132.5#
51 36.9 28.2 42.2
86 53.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.772 ug/l
RT: 5.404 min Scan# 598
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

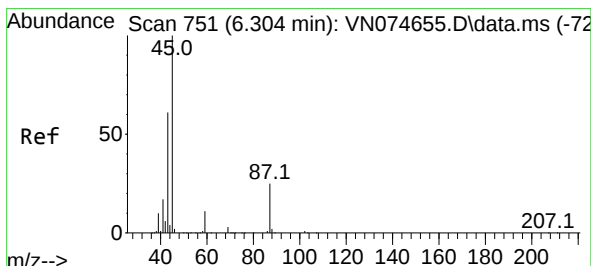
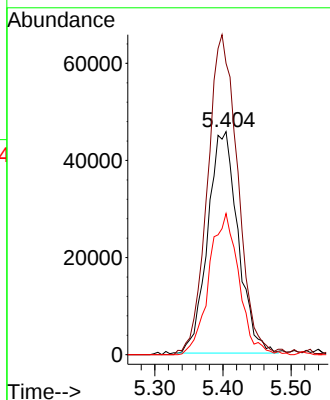
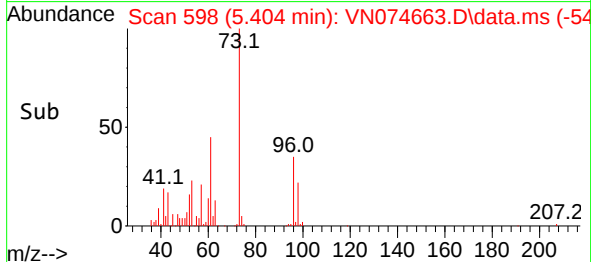
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 96 Resp: 141120
Ion Ratio Lower Upper
96 100
61 130.2 105.8 158.8
98 64.0 50.3 75.5

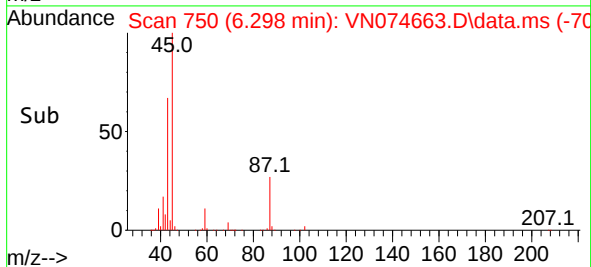
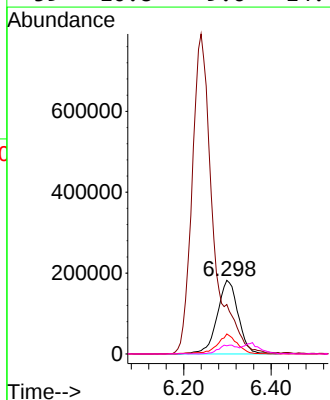
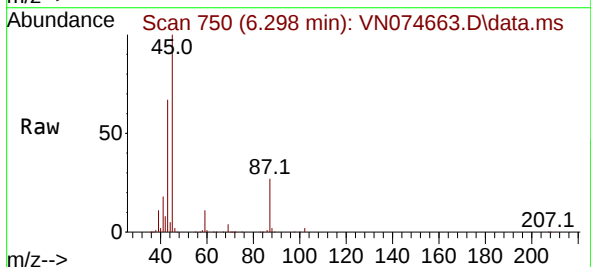
Manual Integrations
APPROVED

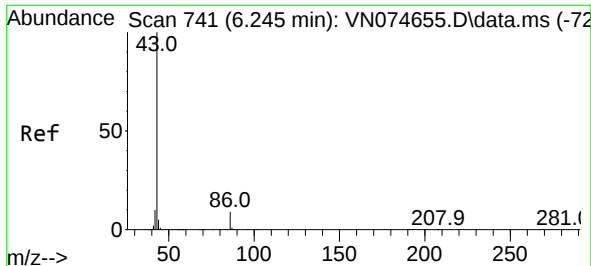
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 20.035 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

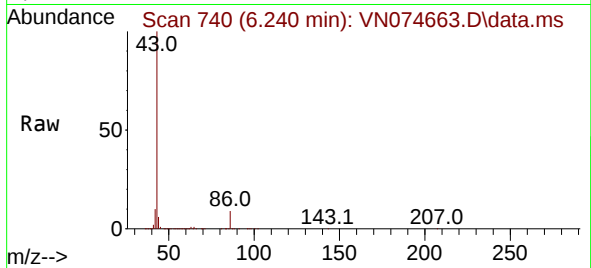
Tgt Ion: 45 Resp: 605805
Ion Ratio Lower Upper
45 100
43 65.3 46.6 70.0
87 27.0 24.3 36.5
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 98.367 ug/l
 RT: 6.240 min Scan# 741
 Delta R.T. -0.005 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

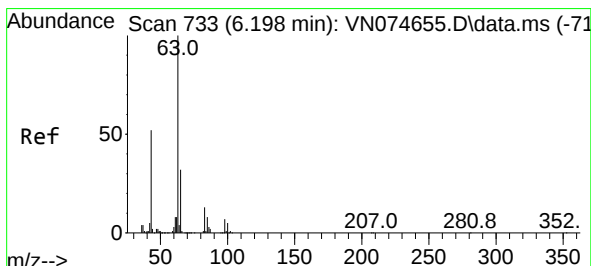
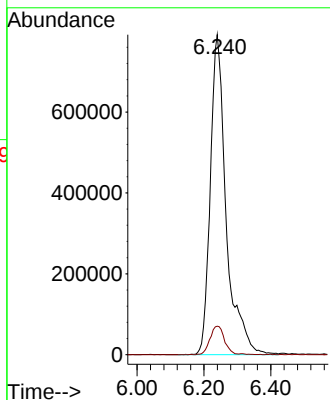
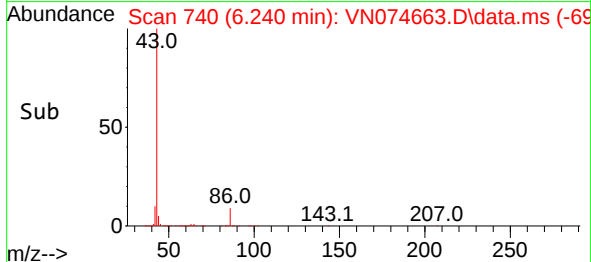
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01



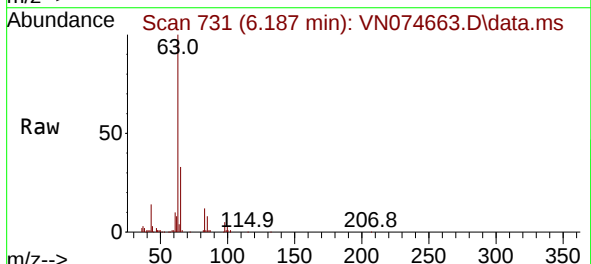
Tgt Ion: 43 Resp: 2614230
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.0 15.0

Manual Integrations
 APPROVED

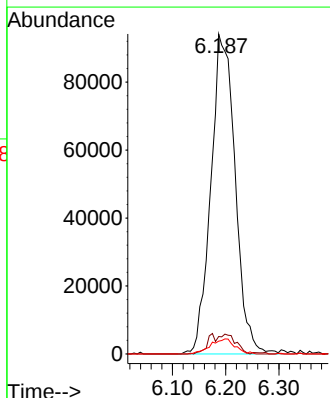
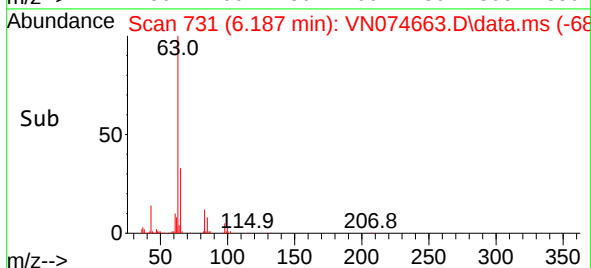
Reviewed By :John Carlone 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022

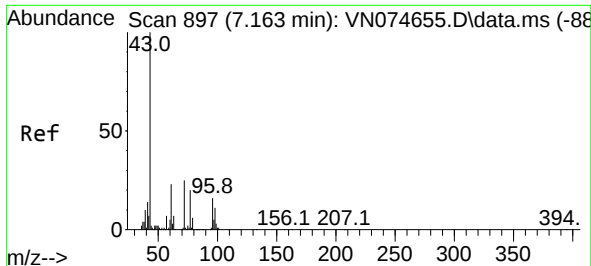


#24
 1,1-Dichloroethane
 Concen: 19.330 ug/l
 RT: 6.187 min Scan# 731
 Delta R.T. -0.011 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30



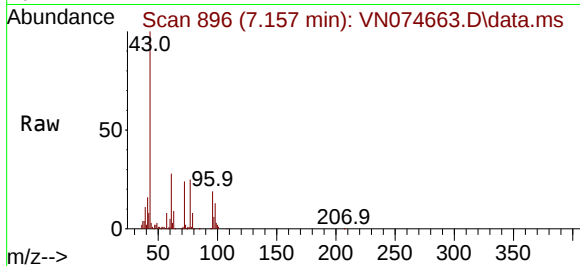
Tgt Ion: 63 Resp: 298256
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 95.008 ug/l
RT: 7.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

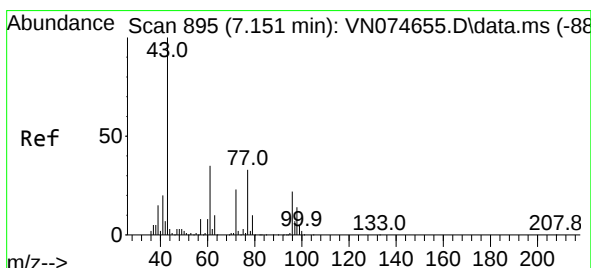
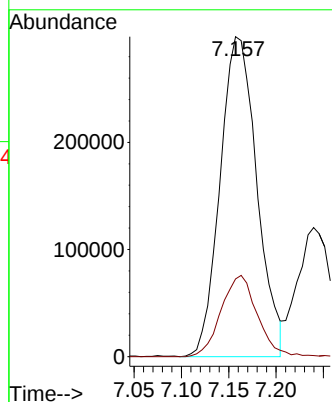
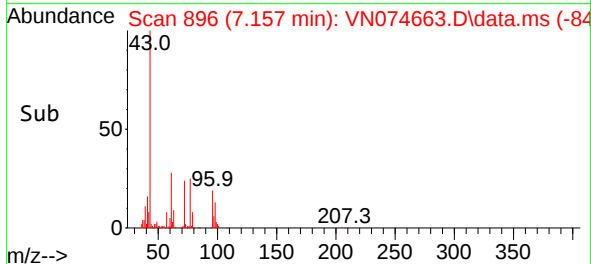
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 43 Resp: 807514
Ion Ratio Lower Upper
43 100
72 24.3 23.7 35.5

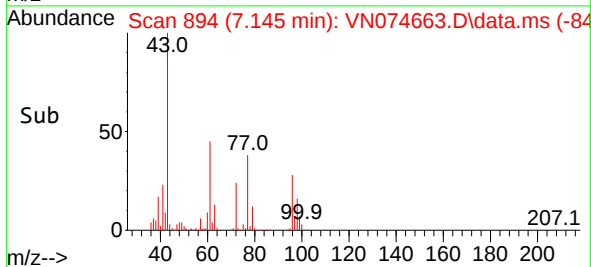
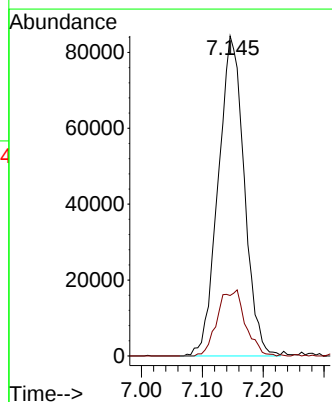
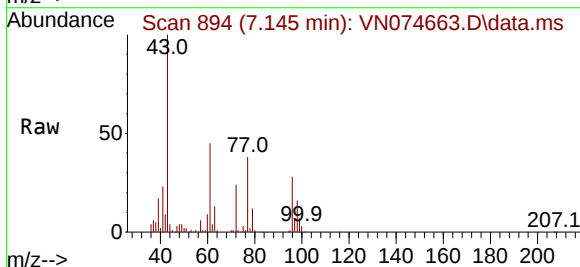
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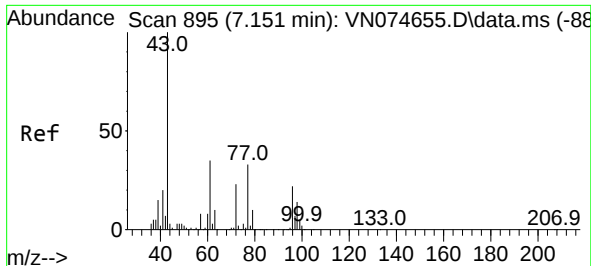
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 19.090 ug/l
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

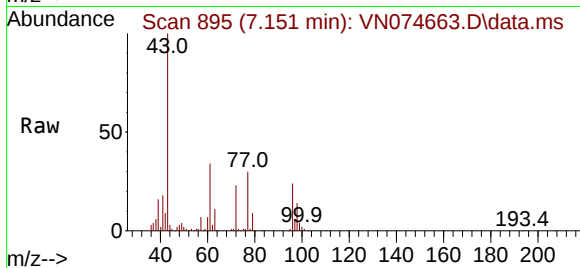
Tgt Ion: 77 Resp: 250501
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.043 ug/l
 RT: 7.151 min Scan# 895
 Delta R.T. 0.000 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

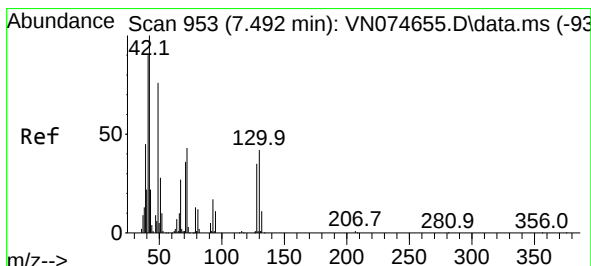
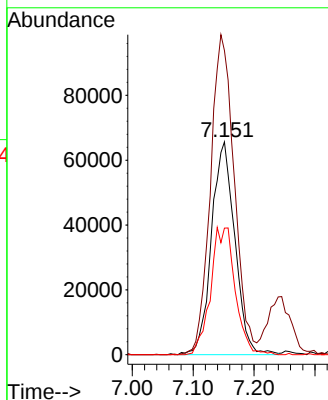
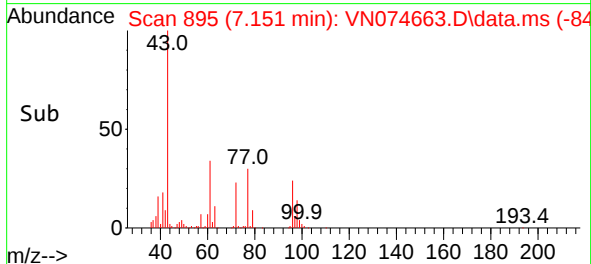
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01



Tgt Ion: 96 Resp: 17509
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 280.6
 98 63.0 0.0 128.4

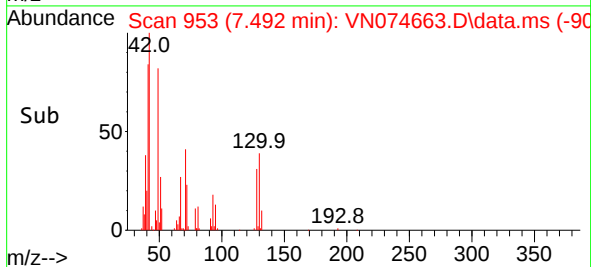
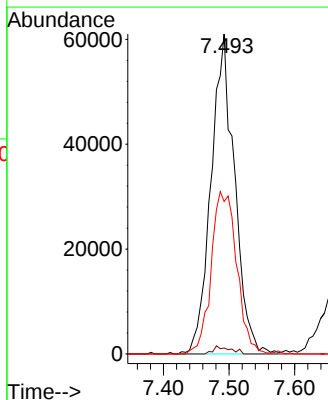
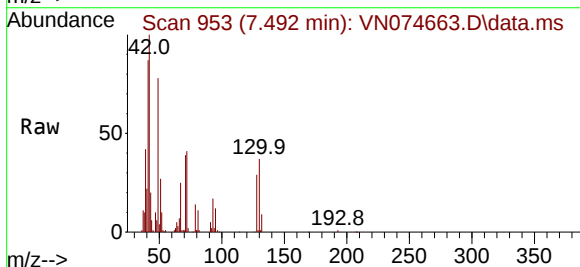
Manual Integrations
 APPROVED

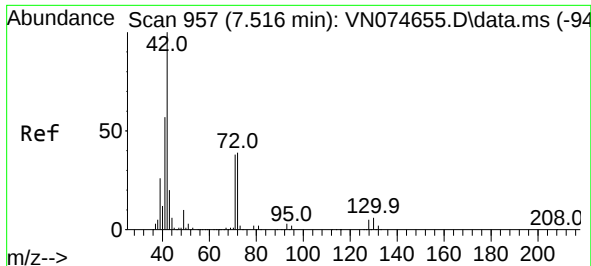
Reviewed By :John Carlone 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 21.652 ug/l
 RT: 7.492 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

Tgt Ion: 49 Resp: 152161
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 54.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 97.978 ug/l

RT: 7.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

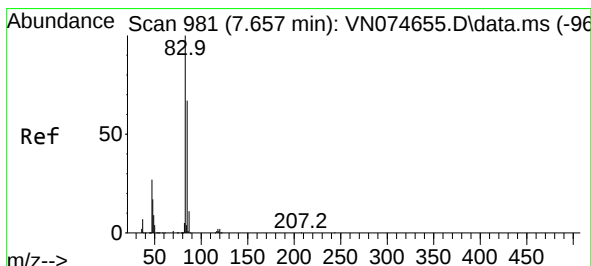
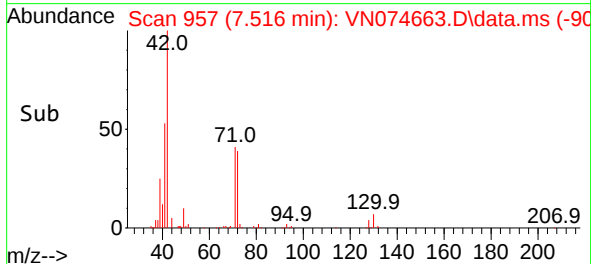
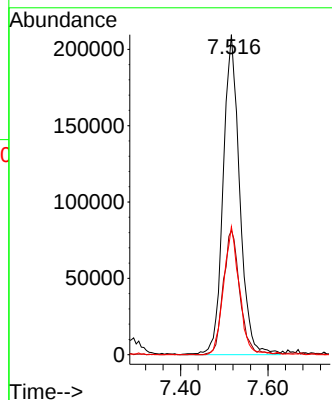
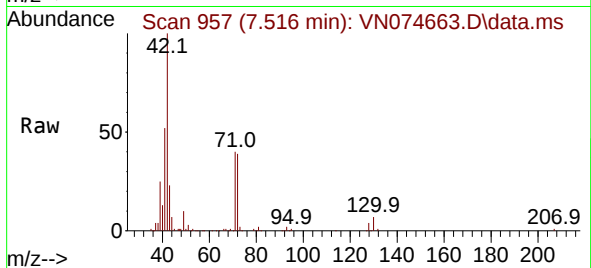
Tgt Ion:	42	Resp:	54945
Ion Ratio	Lower	Upper	
42	100		
72	38.9	39.7	59.5
71	37.8	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 19.560 ug/l

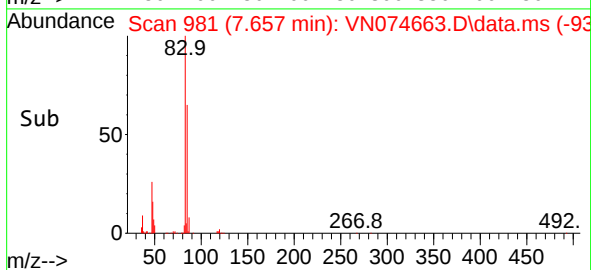
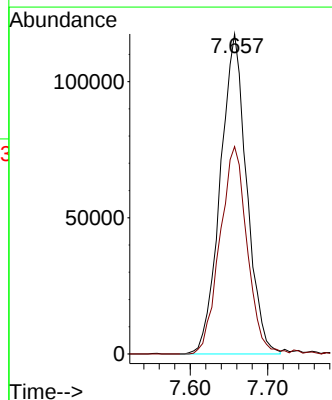
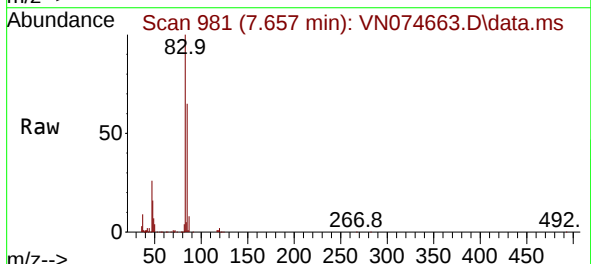
RT: 7.657 min Scan# 981

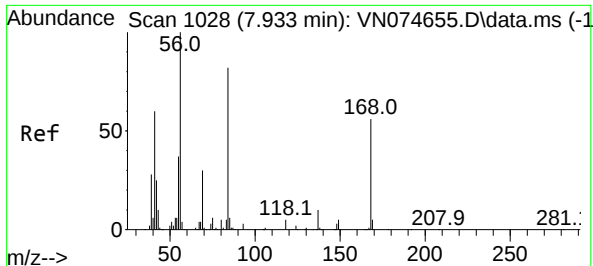
Delta R.T. 0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

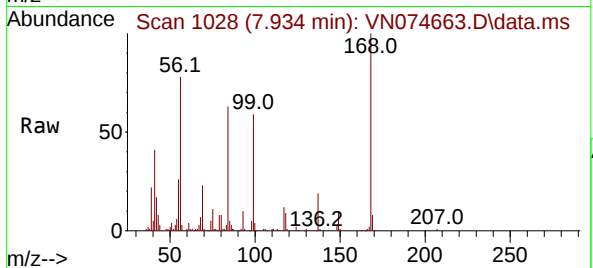
Tgt Ion:	83	Resp:	278135
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.8





#31
Cyclohexane
Concen: 20.139 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

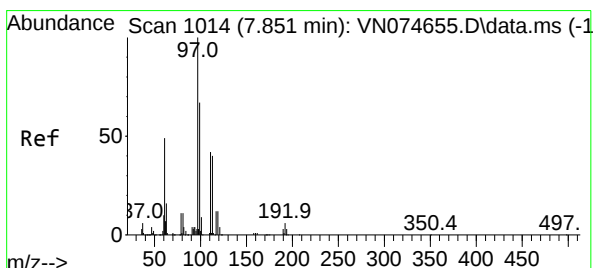
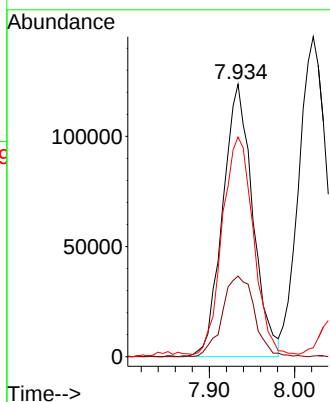
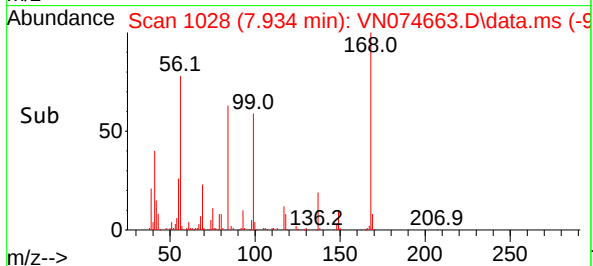
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



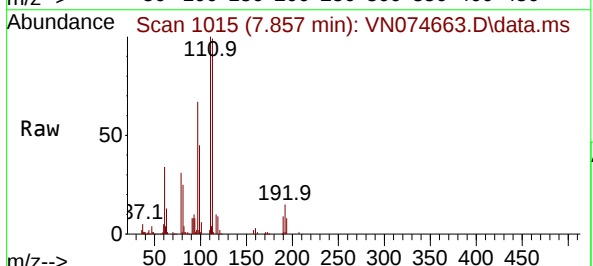
Tgt Ion: 56 Resp: 302124
Ion Ratio Lower Upper
56 100
69 29.6 27.8 41.8
84 79.0 76.9 115.3

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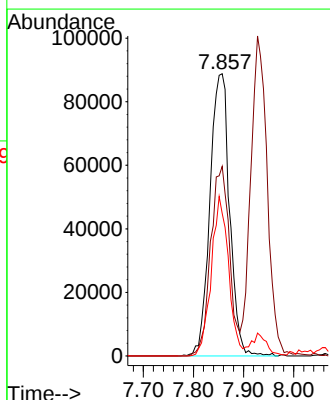
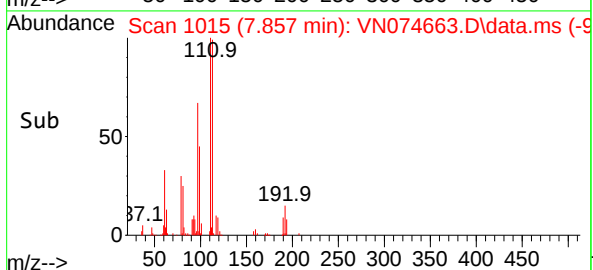
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

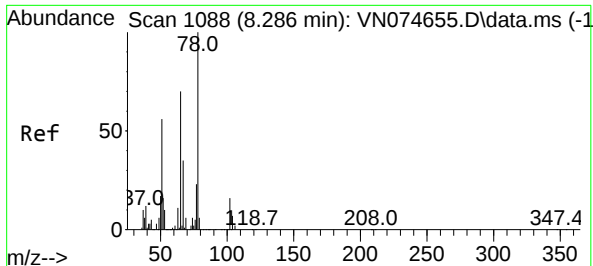


#32
1,1,1-Trichloroethane
Concen: 19.398 ug/l
RT: 7.857 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



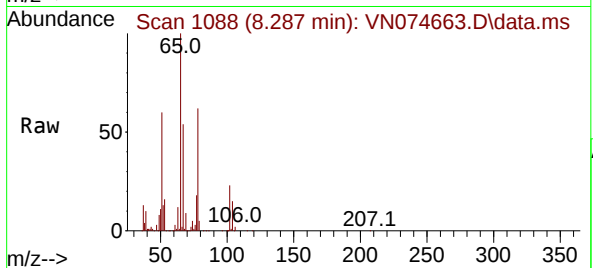
Tgt Ion: 97 Resp: 242056
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 49.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.206 ug/l
RT: 8.287 min Scan# 1088
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

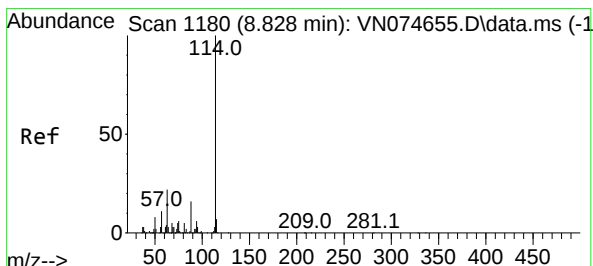
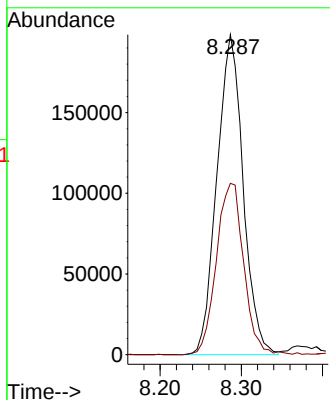
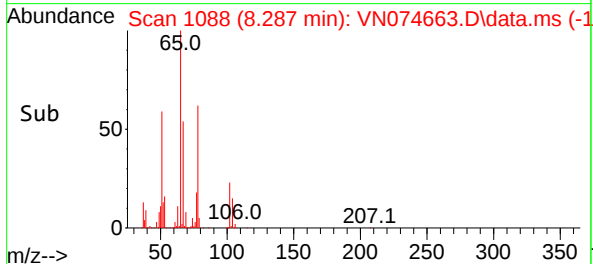
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



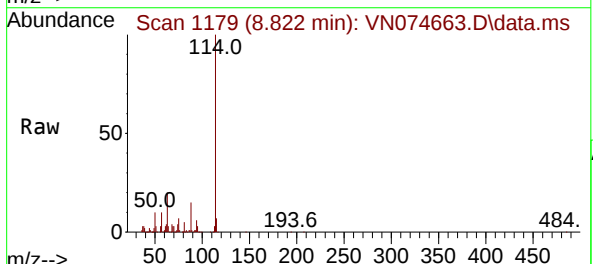
Tgt Ion: 65 Resp: 445130
Ion Ratio Lower Upper
65 100
67 55.7 0.0 104.8

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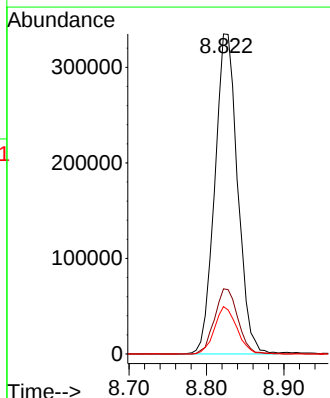
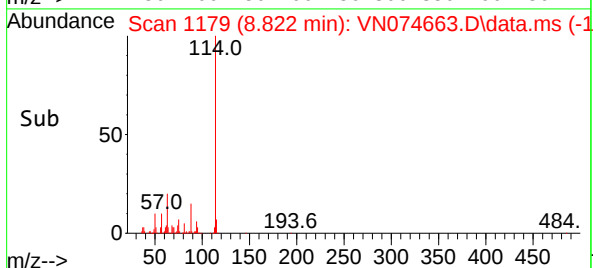
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

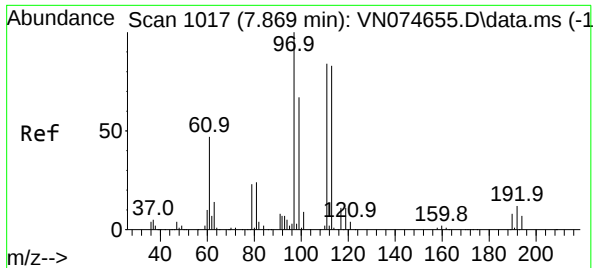


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.822 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



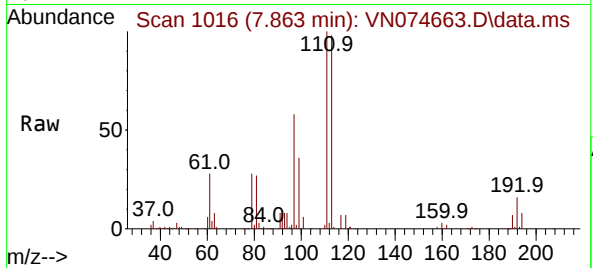
Tgt Ion:114 Resp: 686269
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 14.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.452 ug/l
RT: 7.863 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

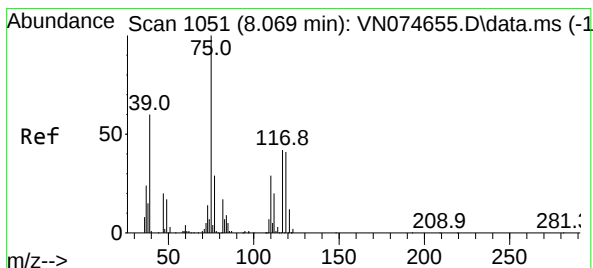
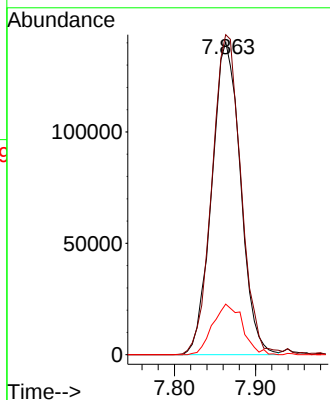
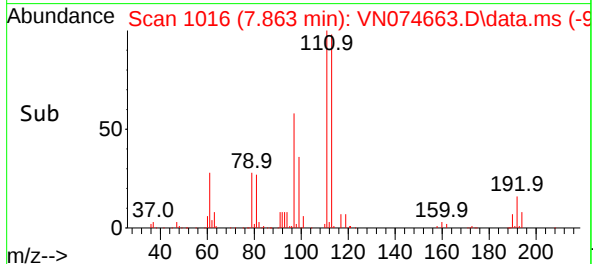
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



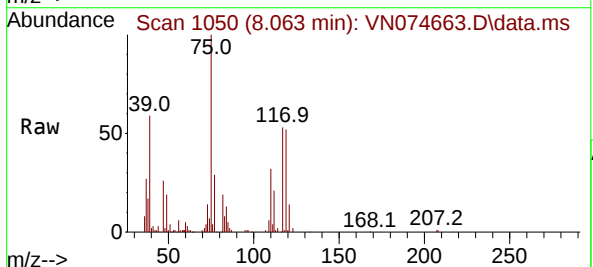
Tgt Ion: 113 Resp: 34468
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 16.9 17.0 25.6

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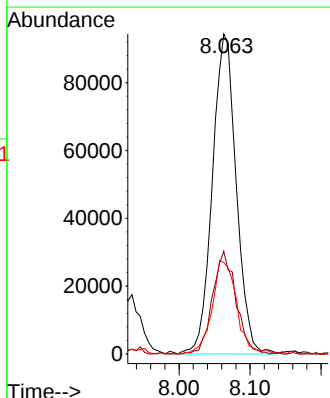
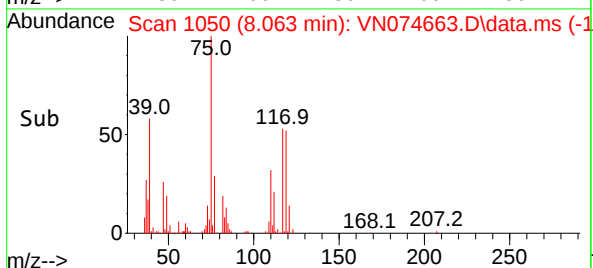
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

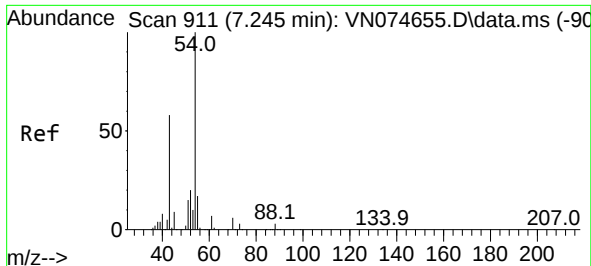


#36
1,1-Dichloropropene
Concen: 18.900 ug/l
RT: 8.063 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



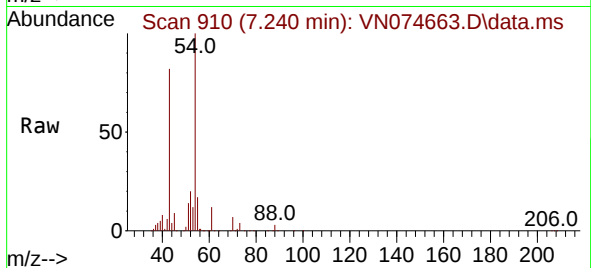
Tgt Ion: 75 Resp: 219863
Ion Ratio Lower Upper
75 100
110 31.5 18.3 54.8
77 30.3 25.1 37.7





#37
Ethyl Acetate
Concen: 18.687 ug/l
RT: 7.240 min Scan# 911
Delta R.T. -0.005 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

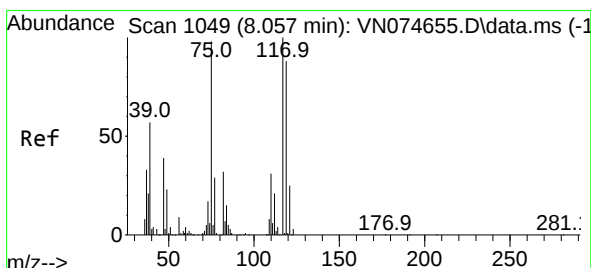
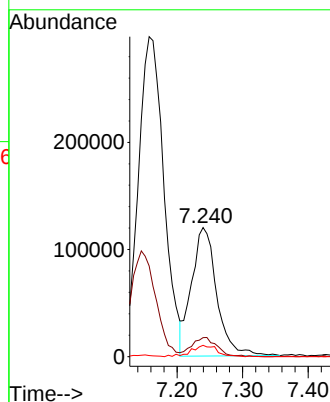
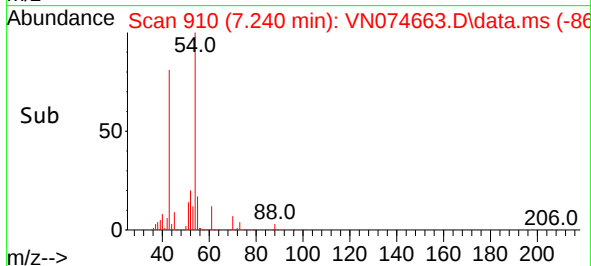
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 43 Resp: 321188
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 8.9 9.3 13.9

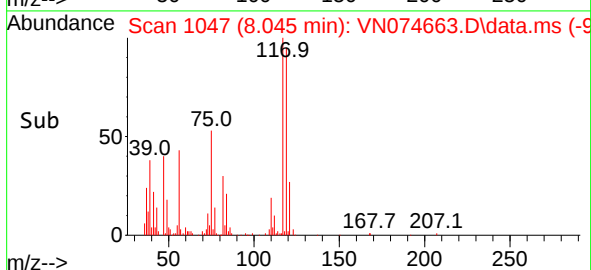
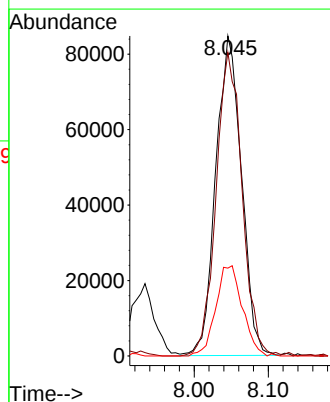
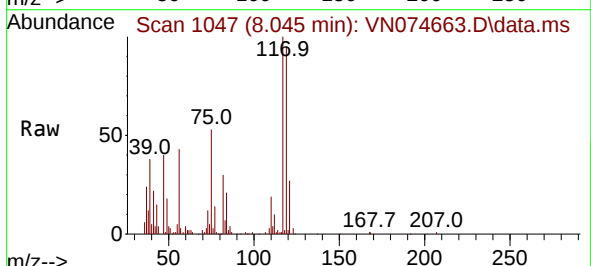
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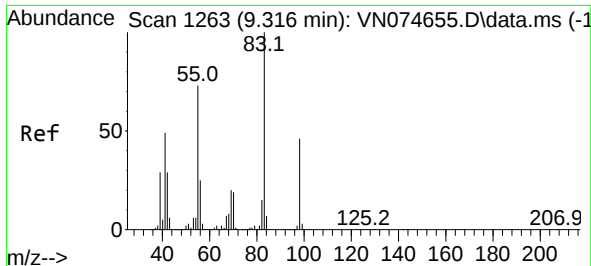
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 19.135 ug/l
RT: 8.045 min Scan# 1047
Delta R.T. -0.012 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Tgt Ion:117 Resp: 203932
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 27.5 24.6 37.0





#39

Methylcyclohexane

Concen: 19.682 ug/l

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074663.D

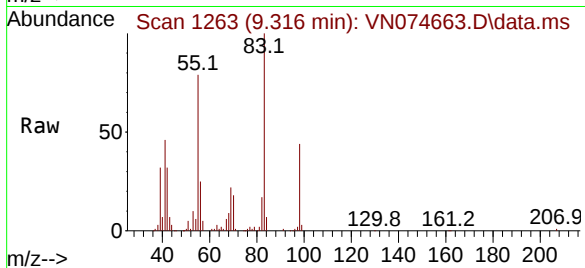
Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01



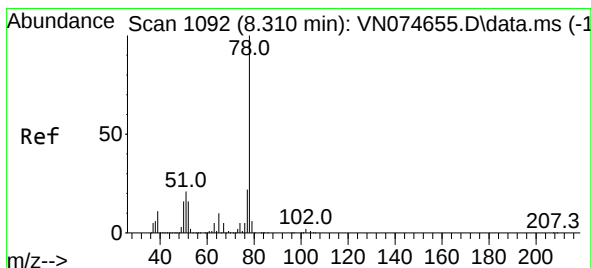
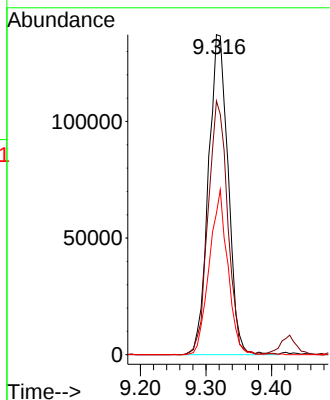
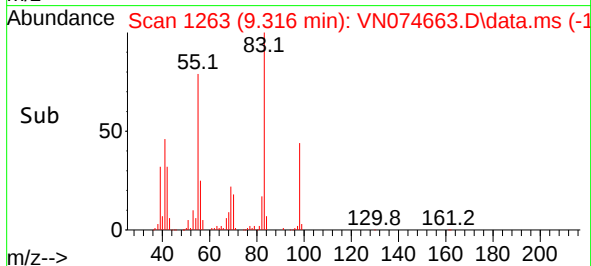
Tgt Ion:	83	Resp:	28584
Ion	Ratio	Lower	Upper
83	100		
55	79.3	57.8	86.8
98	44.2	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 19.062 ug/l

RT: 8.304 min Scan# 1091

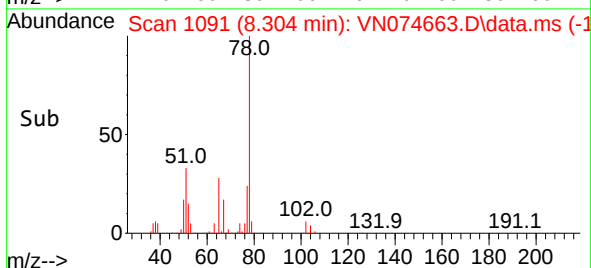
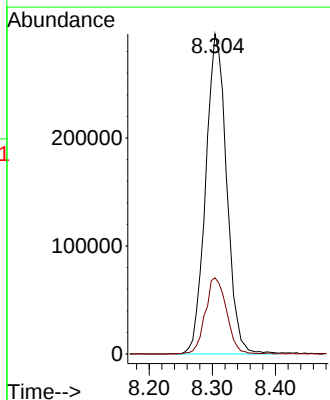
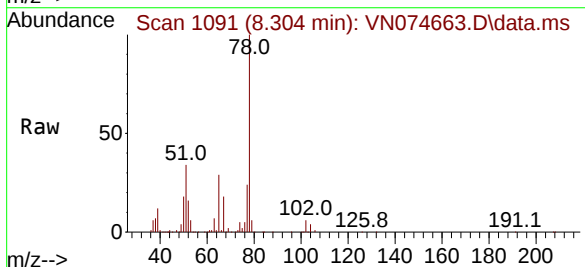
Delta R.T. -0.006 min

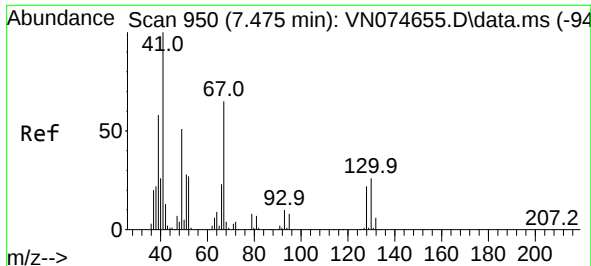
Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Tgt Ion: 78 Resp: 683458

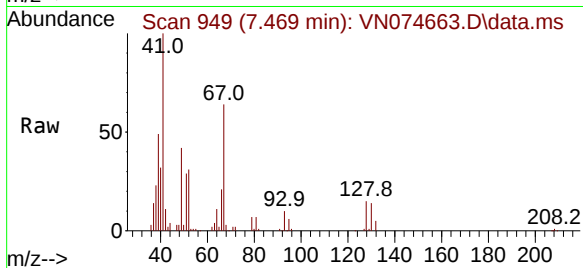
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





#41
Methacrylonitrile
Concen: 20.833 ug/l
RT: 7.469 min Scan# 949
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

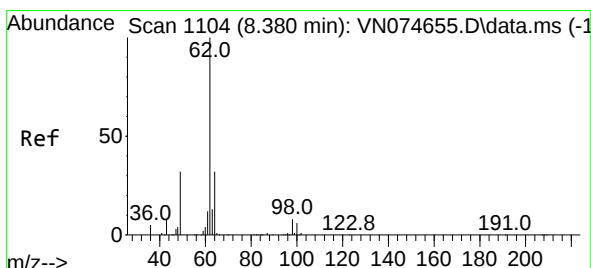
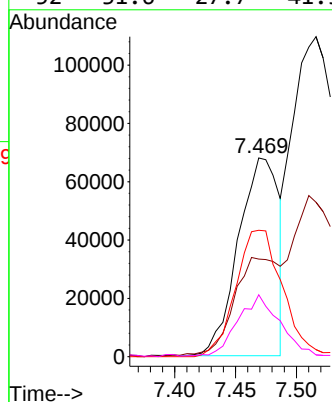
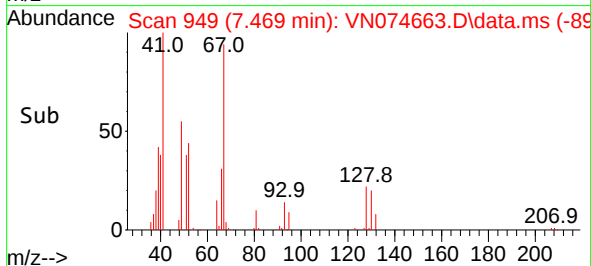
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 41 Resp: 15685
Ion Ratio Lower Upper
41 100
39 56.4 48.6 73.0
67 74.5 73.4 110.2
52 31.6 27.7 41.5

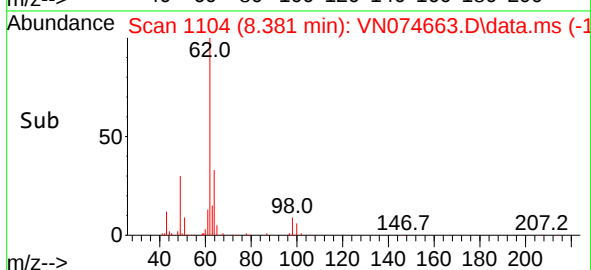
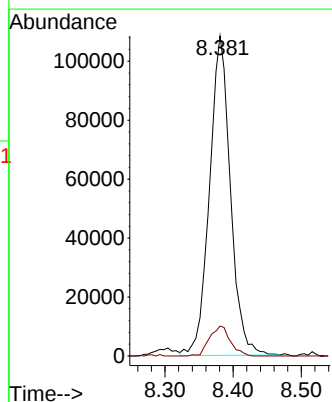
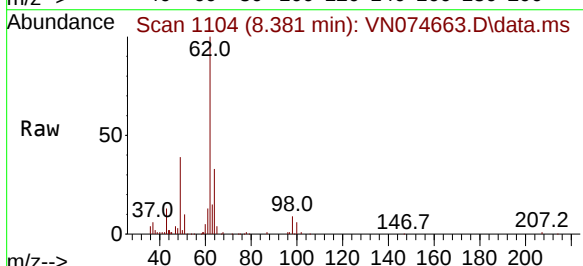
Manual Integrations
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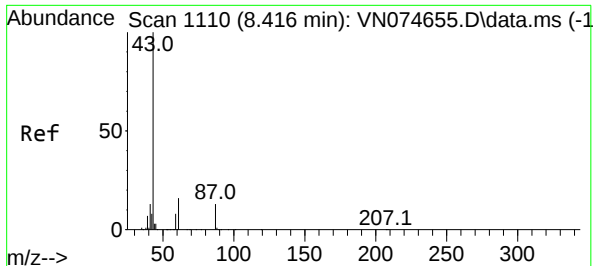
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 19.237 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Tgt Ion: 62 Resp: 231719
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 18.340 ug/l

RT: 8.416 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

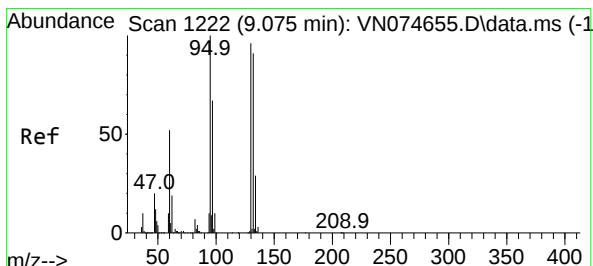
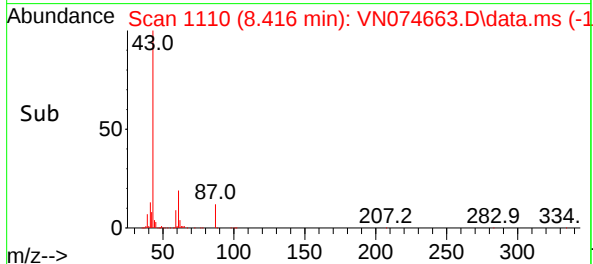
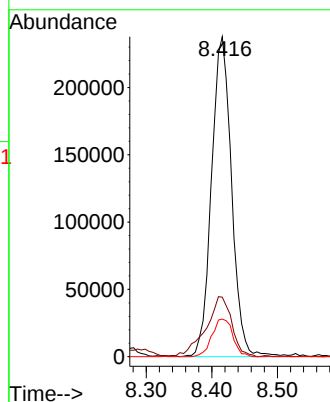
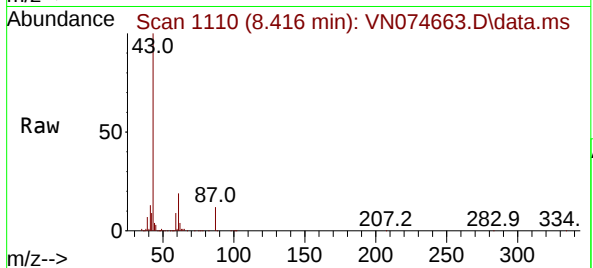
Tgt Ion: 43	Resp: 504749
Ion Ratio	Lower Upper
43 100	
61 23.9	21.9 32.9
87 12.2	12.0 18.0

Manual Integrations

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Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#44

Trichloroethene

Concen: 19.409 ug/l

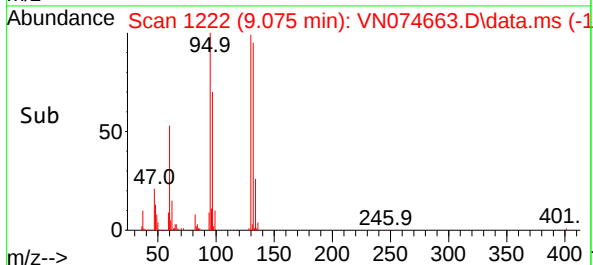
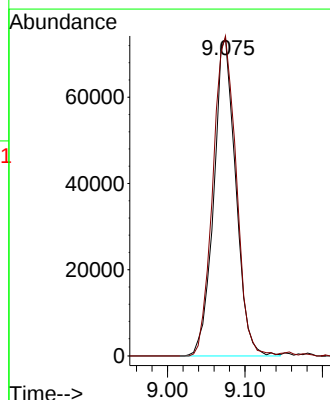
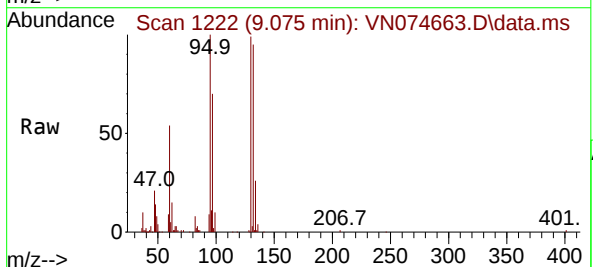
RT: 9.075 min Scan# 1222

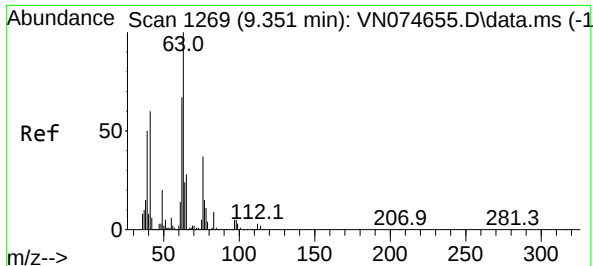
Delta R.T. -0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Tgt Ion:130	Resp: 144987
Ion Ratio	Lower Upper
130 100	
95 100.7	0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.365 ug/l

RT: 9.357 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 63 Resp: 18902

Ion Ratio Lower Upper

63 100

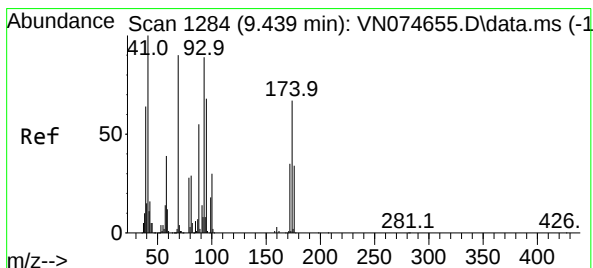
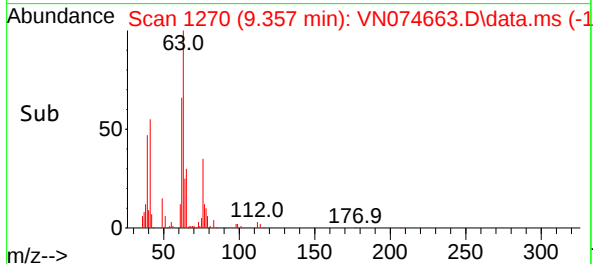
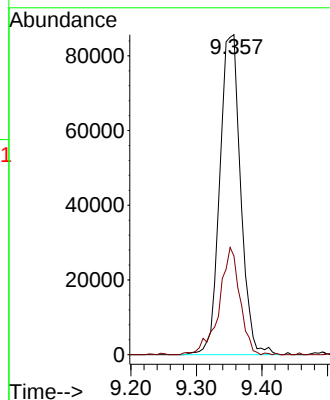
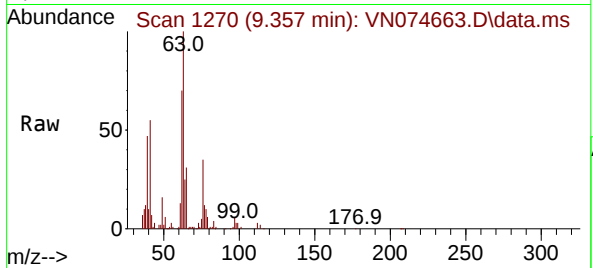
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 19.073 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

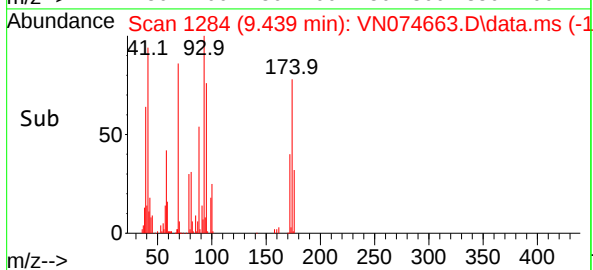
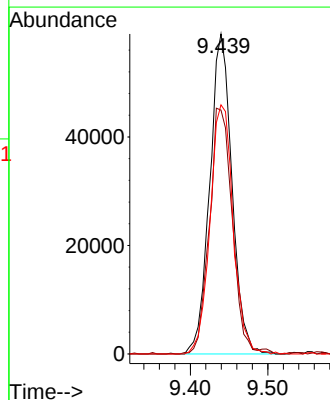
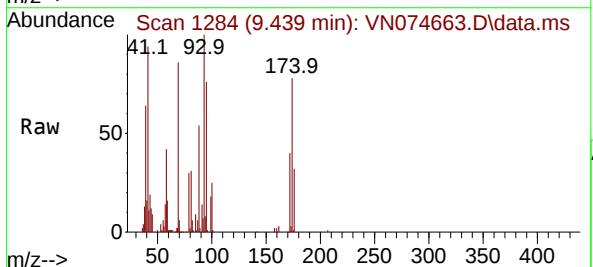
Tgt Ion: 93 Resp: 117347

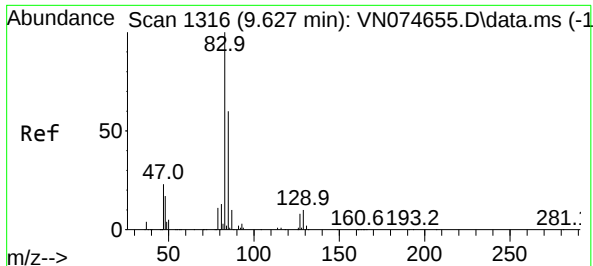
Ion Ratio Lower Upper

93 100

95 78.7 66.9 100.3

174 81.0 86.6 130.0#





#47

Bromodichloromethane

Concen: 19.487 ug/l

RT: 9.628 min Scan# 1316

Delta R.T. 0.001 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 83 Resp: 234318

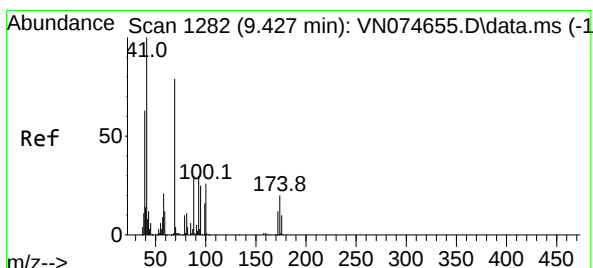
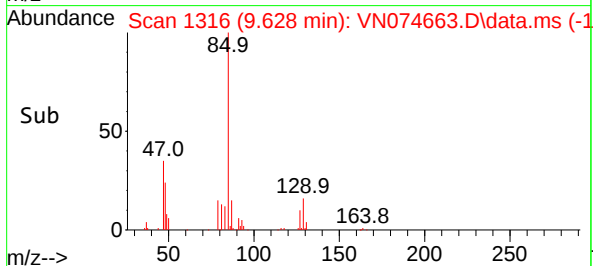
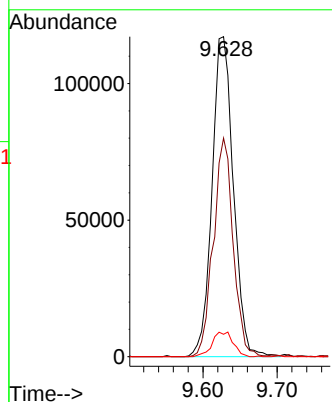
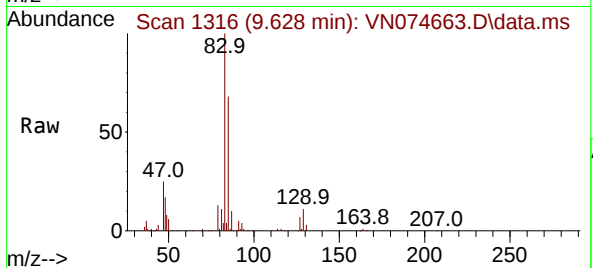
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.5	75.7
127	7.0	6.8	10.2

Manual Integrations

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Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#48

Methyl methacrylate

Concen: 19.007 ug/l

RT: 9.428 min Scan# 1282

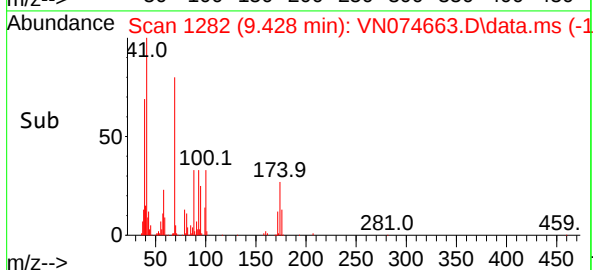
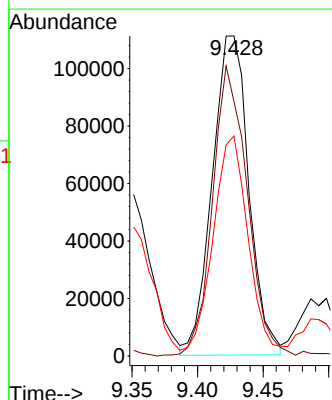
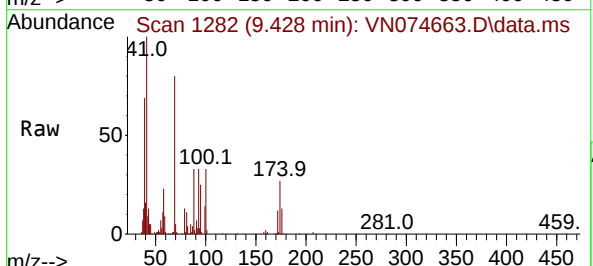
Delta R.T. 0.001 min

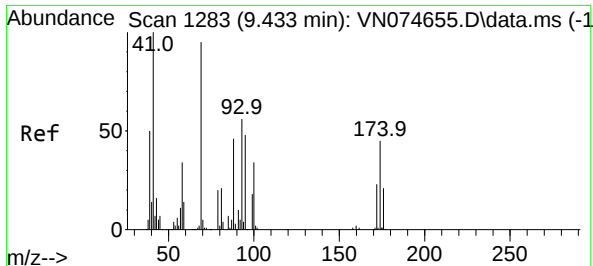
Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Tgt Ion: 41 Resp: 215577

Ion	Ratio	Lower	Upper
41	100		
69	86.2	74.7	112.1
39	66.3	45.6	68.4





#49

1,4-Dioxane

Concen: 369.979 ug/l

RT: 9.434 min Scan# 1283

Delta R.T. 0.001 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

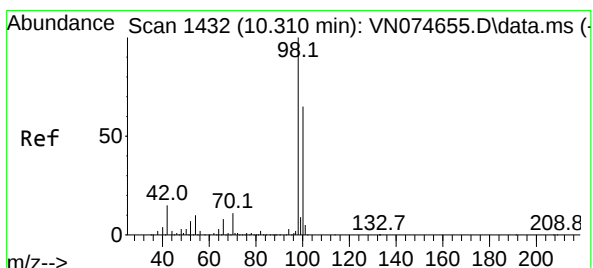
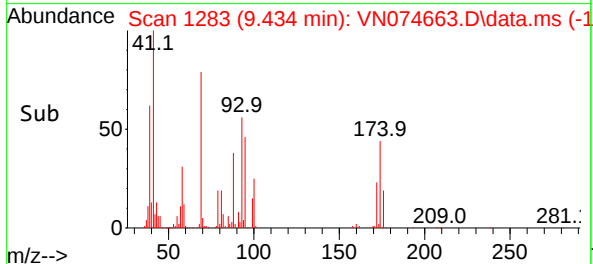
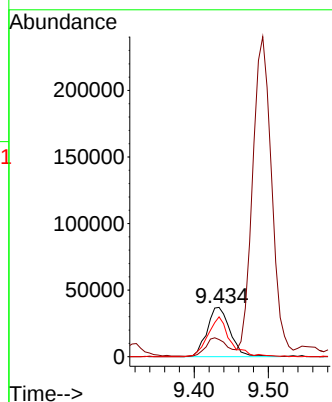
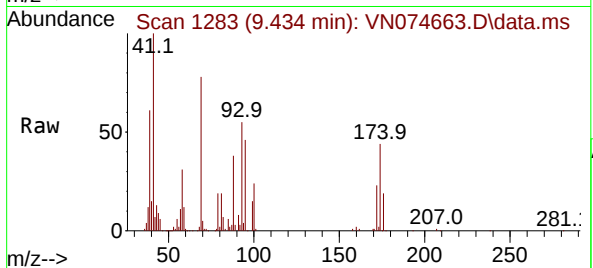
Tgt Ion: 88 Resp: 8004
 Ion Ratio Lower Upper
 88 100
 43 35.3 20.2 30.4
 58 74.4 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 48.294 ug/l

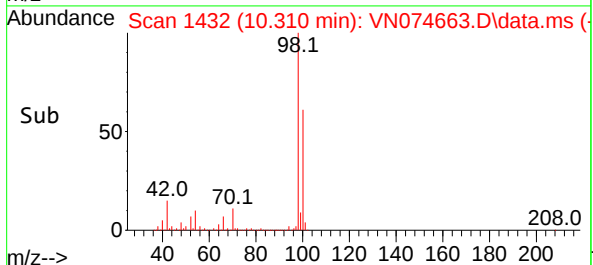
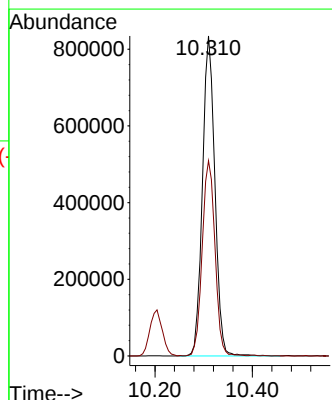
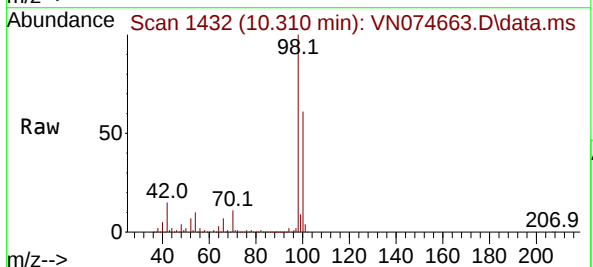
RT: 10.310 min Scan# 1432

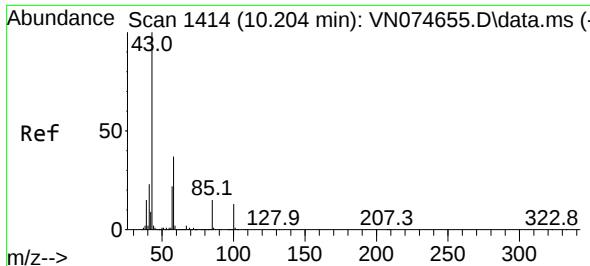
Delta R.T. -0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

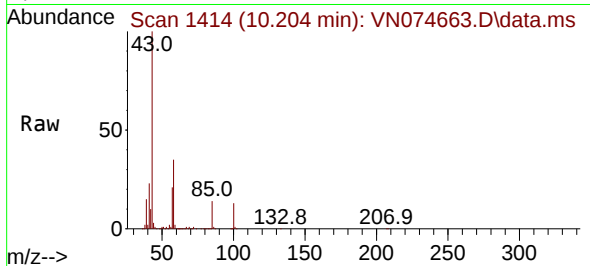
Tgt Ion: 98 Resp: 1475588
 Ion Ratio Lower Upper
 98 100
 100 62.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 96.444 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

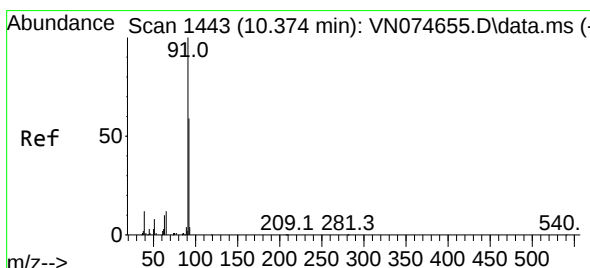
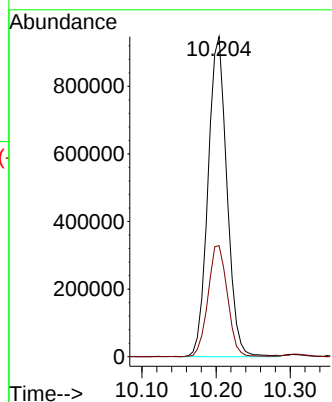
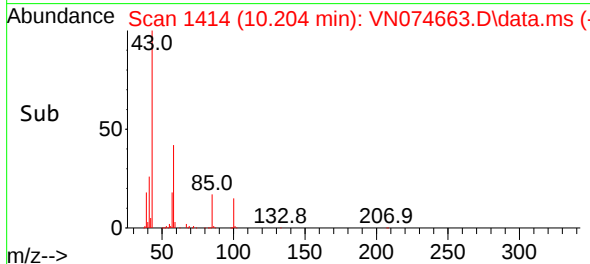
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



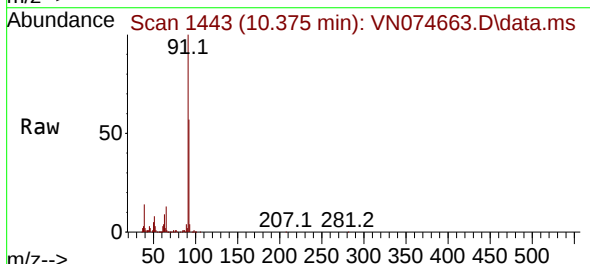
Tgt Ion: 43 Resp: 167963
Ion Ratio Lower Upper
43 100
58 35.8 34.1 51.1

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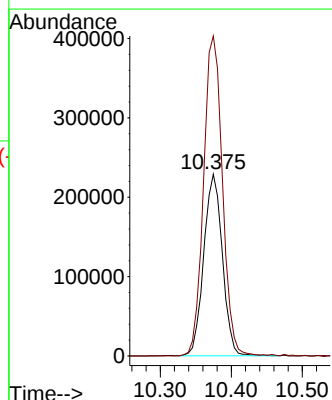
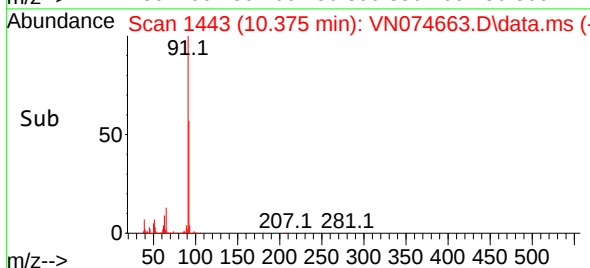
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

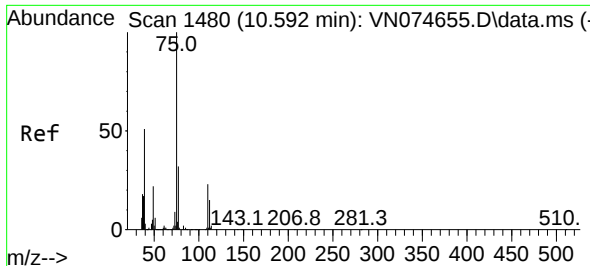


#52
Toluene
Concen: 19.287 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



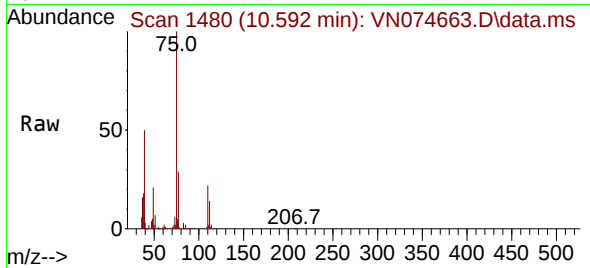
Tgt Ion: 92 Resp: 417550
Ion Ratio Lower Upper
92 100
91 178.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.389 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

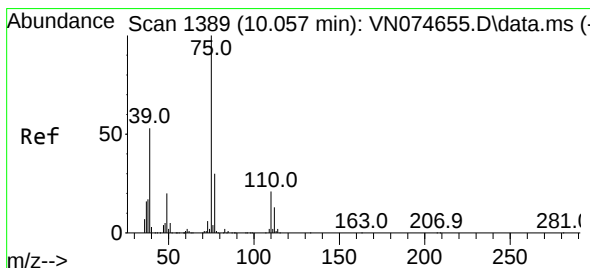
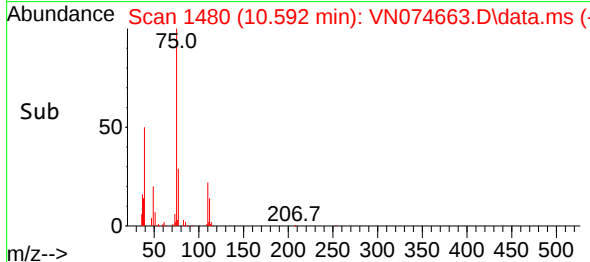
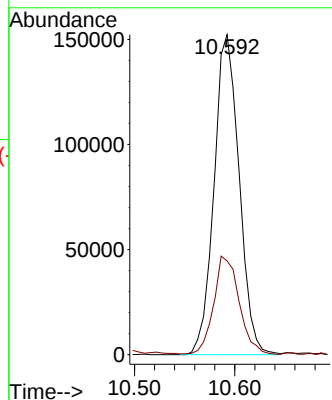
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 75 Resp: 264272
Ion Ratio Lower Upper
75 100
77 29.2 25.6 38.4

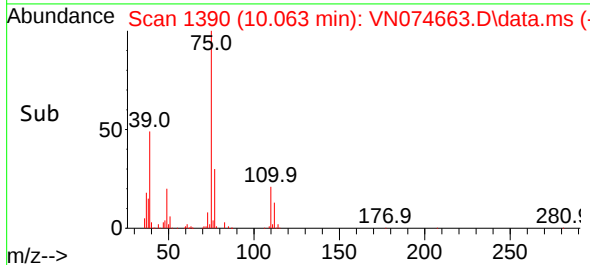
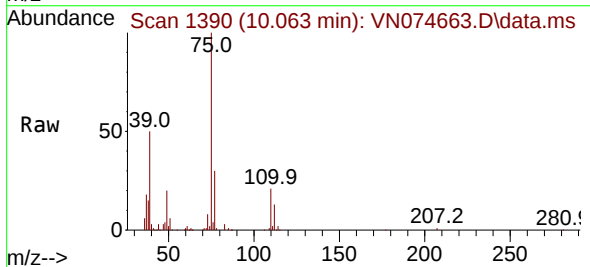
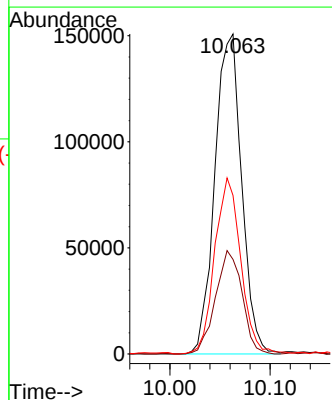
Manual Integrations
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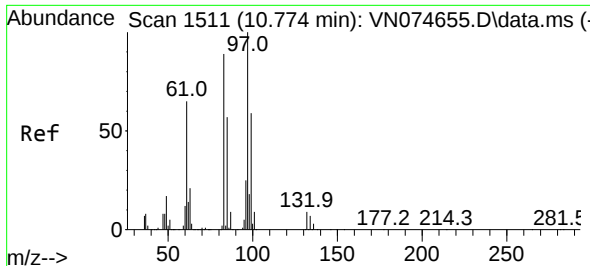
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 18.666 ug/l
RT: 10.063 min Scan# 1390
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

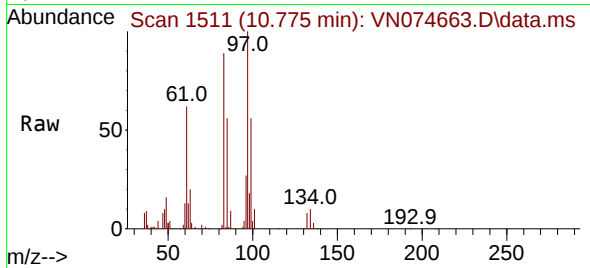
Tgt Ion: 75 Resp: 280308
Ion Ratio Lower Upper
75 100
77 29.5 25.2 37.8
39 49.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.181 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

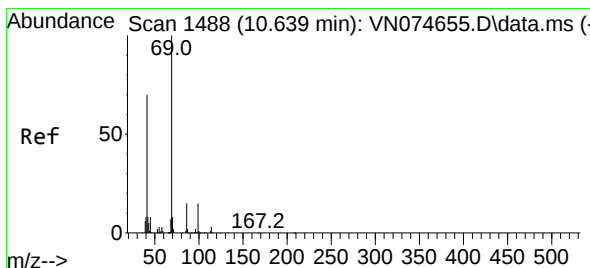
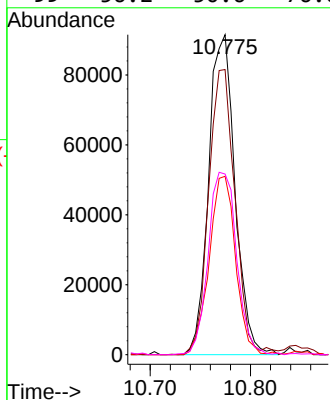
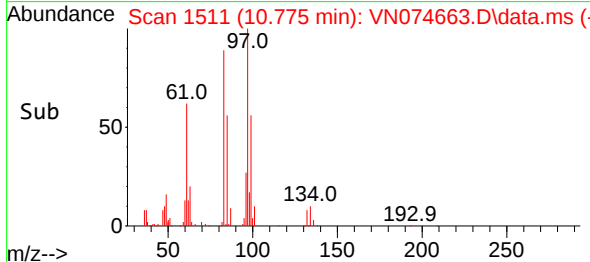


Tgt Ion: 97 Resp: 167354

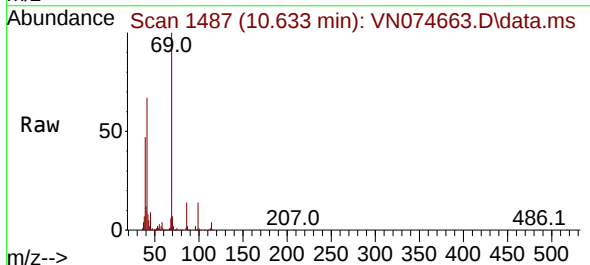
Ion	Ratio	Lower	Upper
97	100		
83	89.1	66.2	99.4
85	55.8	43.9	65.9
99	56.2	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

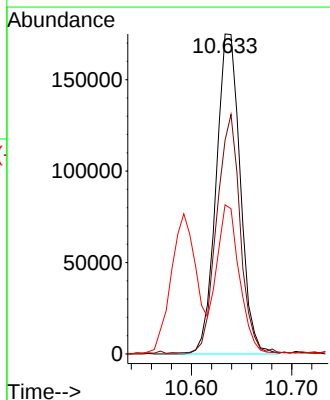
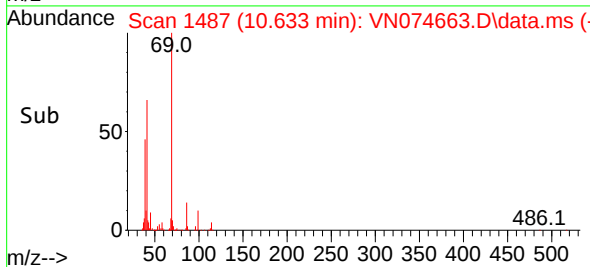


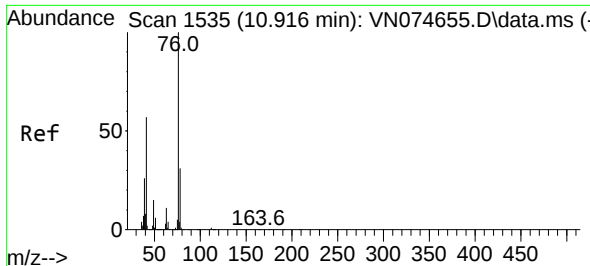
#56
Ethyl methacrylate
Concen: 19.409 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



Tgt Ion: 69 Resp: 292121

Ion	Ratio	Lower	Upper
69	100		
41	72.5	47.8	71.6#
39	43.5	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 20.084 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. -0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

Tgt Ion: 76 Resp: 31012

Ion Ratio Lower Upper

76 100

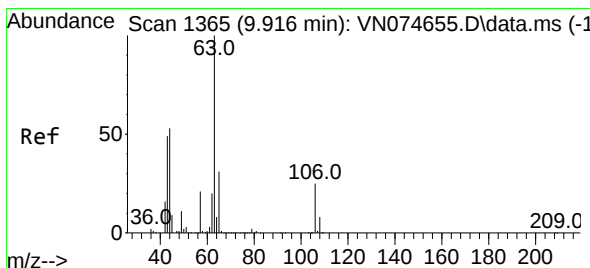
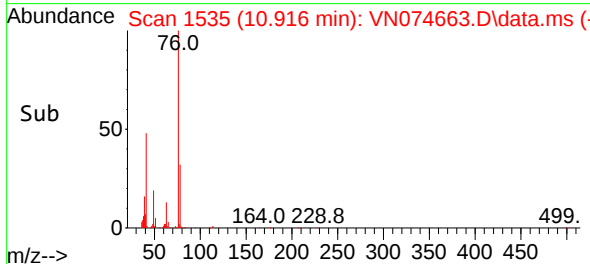
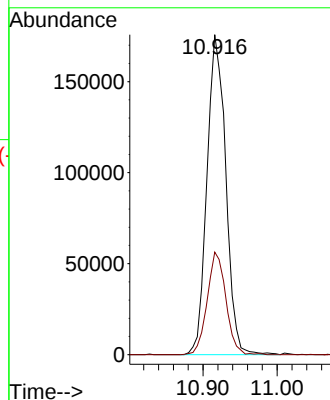
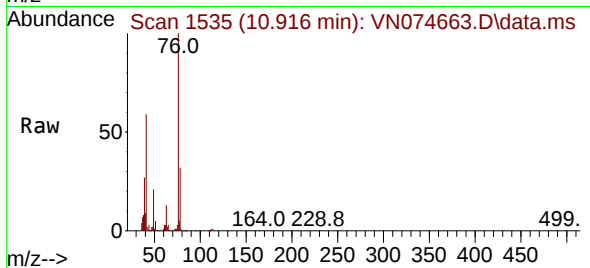
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.685 ug/l

RT: 9.910 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VN074663.D

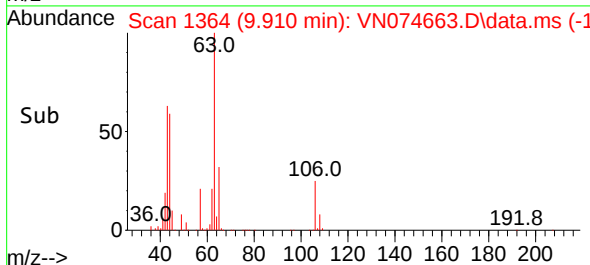
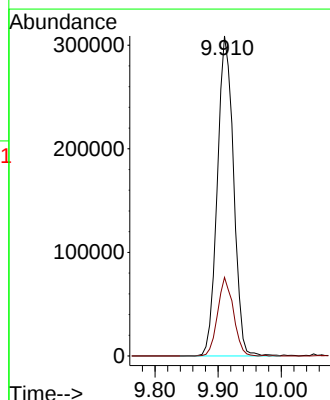
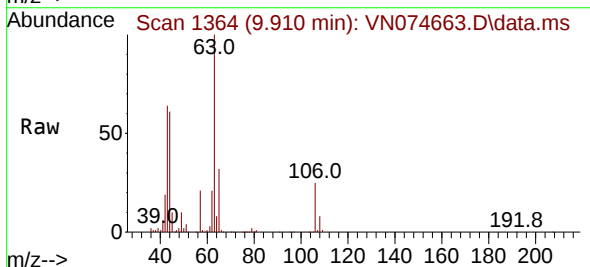
Acq: 30 Sep 2022 13:30

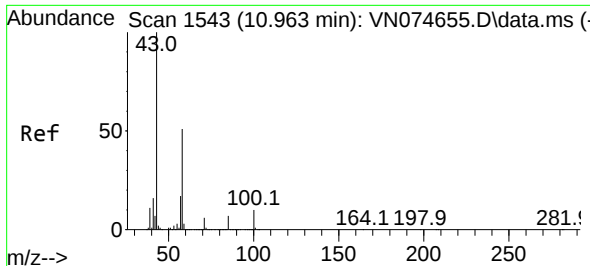
Tgt Ion: 63 Resp: 551089

Ion Ratio Lower Upper

63 100

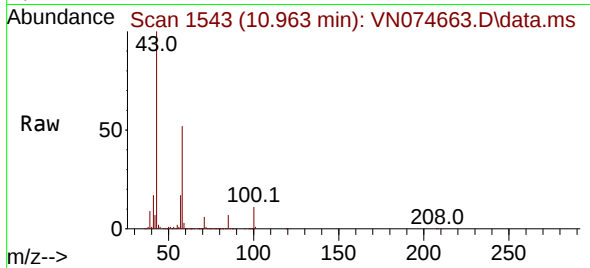
106 23.9 24.6 36.8





#59
2-Hexanone
Concen: 94.262 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

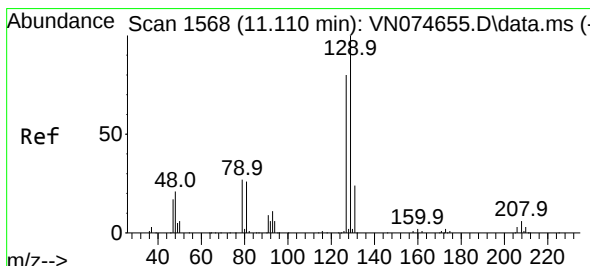
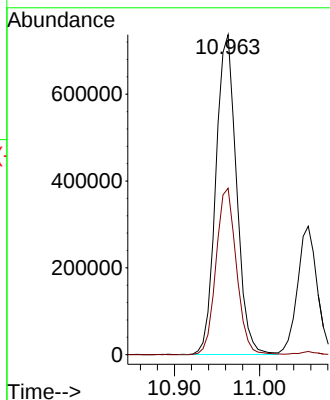
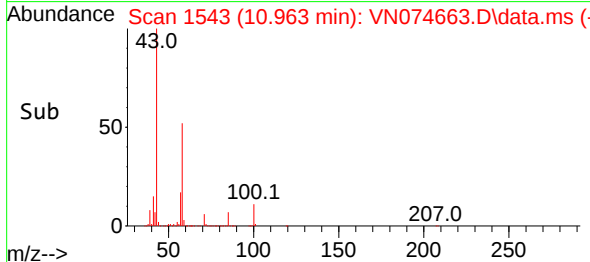
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 43 Resp: 124064
Ion Ratio Lower Upper
43 100
58 51.5 29.7 89.1

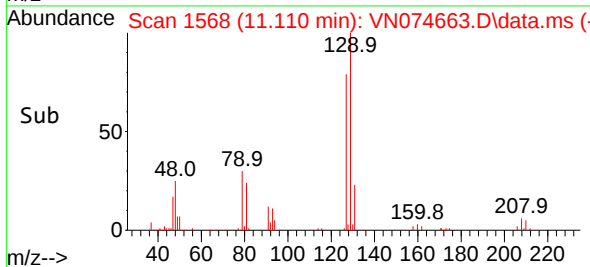
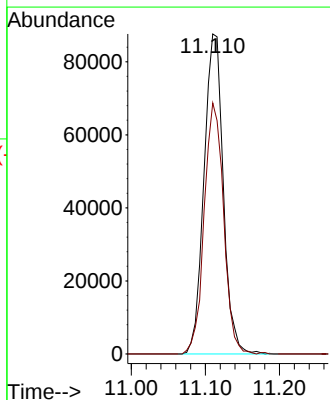
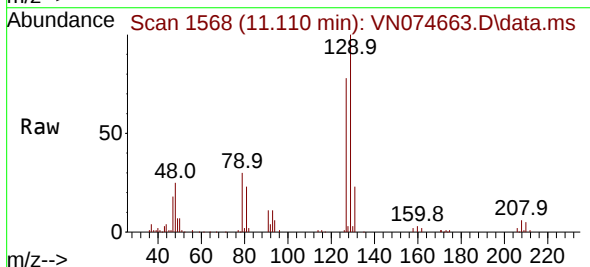
Manual Integrations
APPROVED

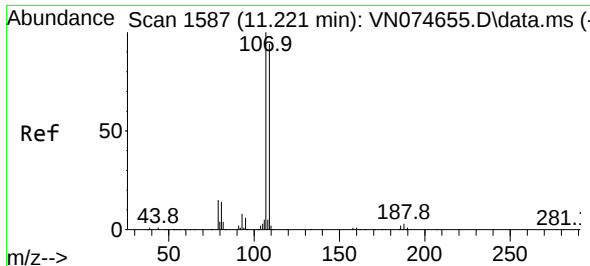
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 18.856 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

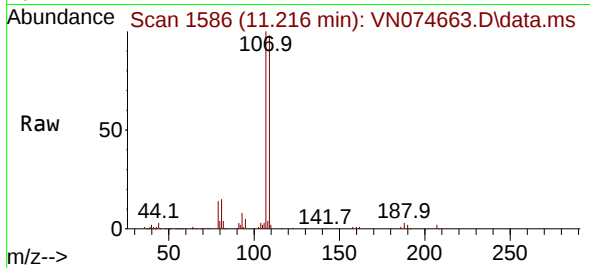
Tgt Ion:129 Resp: 158273
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.253 ug/l
RT: 11.216 min Scan# 1586
Delta R.T. -0.005 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

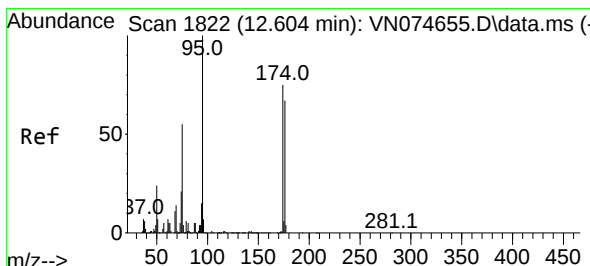
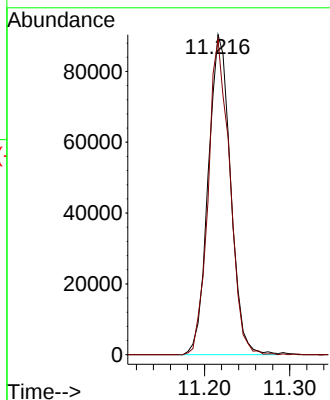
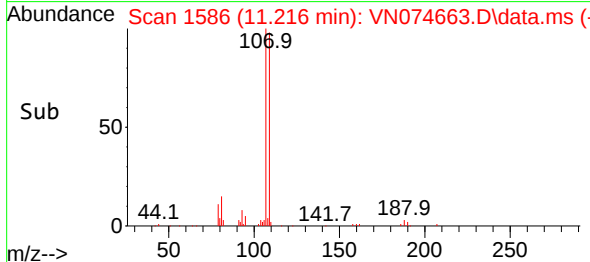
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion:107 Resp: 164611
Ion Ratio Lower Upper
107 100
109 95.5 75.0 112.6

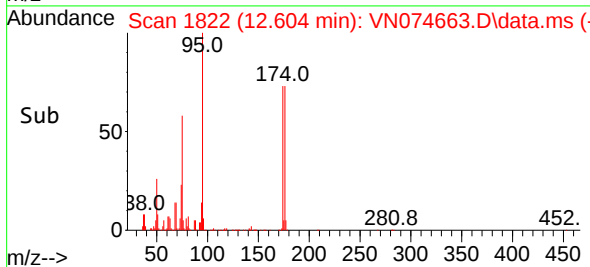
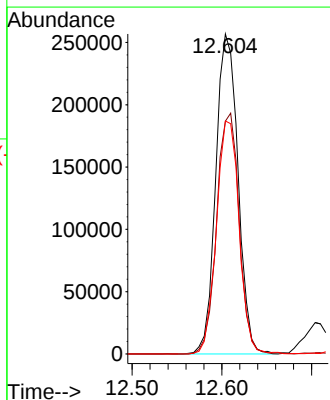
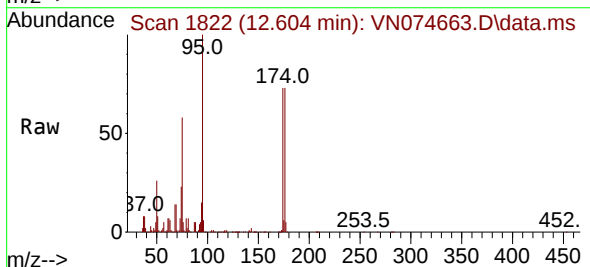
Manual Integrations
APPROVED

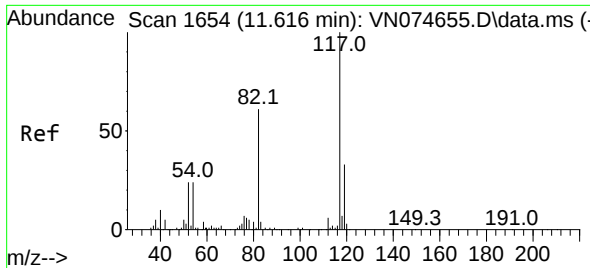
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 45.567 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

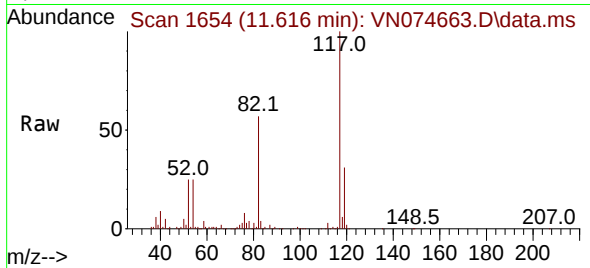
Tgt Ion: 95 Resp: 441463
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 74.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

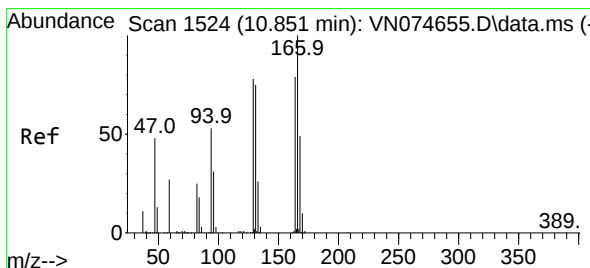
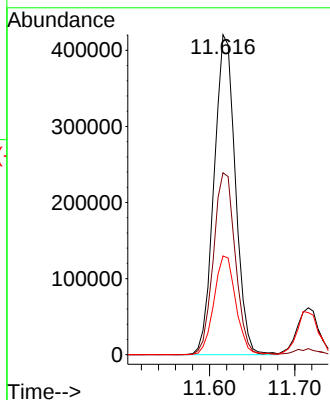
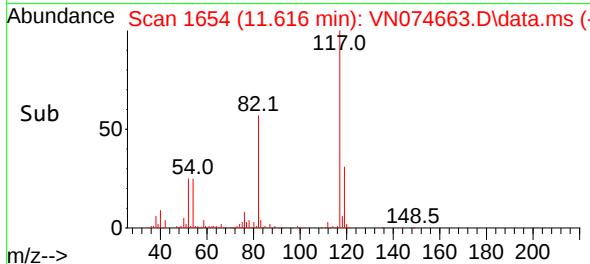
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



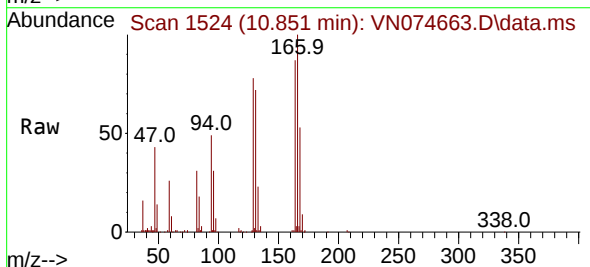
Tgt Ion:117 Resp: 72988
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 30.9 25.4 38.0

Manual Integrations
APPROVED

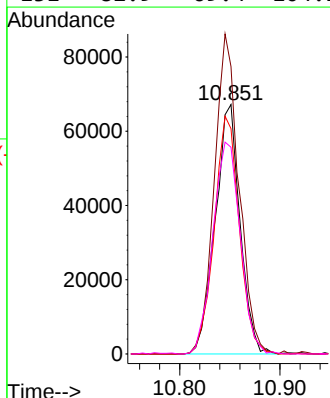
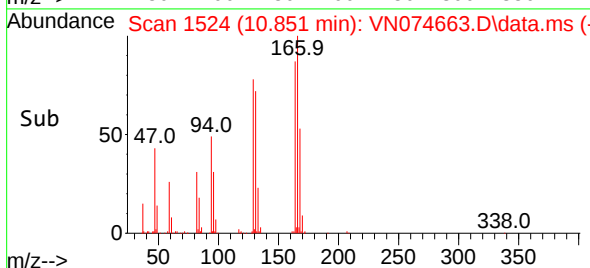
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

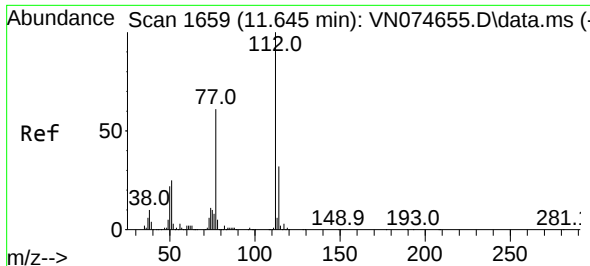


#64
Tetrachloroethene
Concen: 18.731 ug/l
RT: 10.851 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



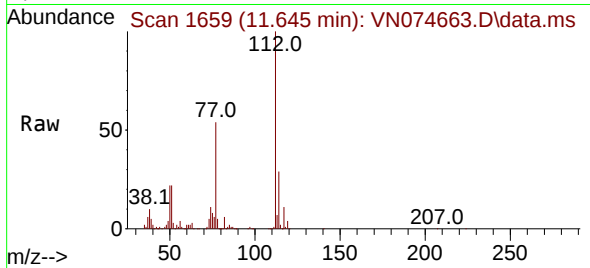
Tgt Ion:164 Resp: 115582
Ion Ratio Lower Upper
164 100
166 115.2 104.2 156.2
129 90.4 73.9 110.9
131 82.9 69.4 104.2





#65
Chlorobenzene
Concen: 19.267 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

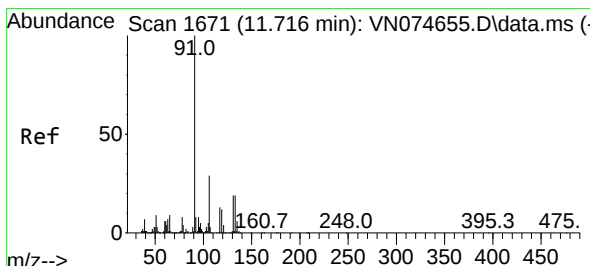
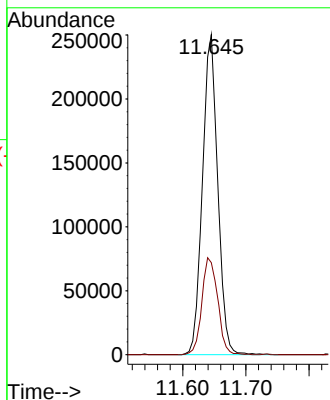
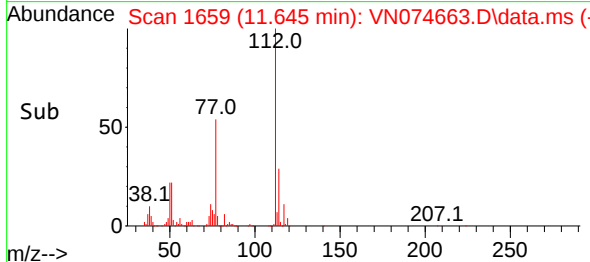
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



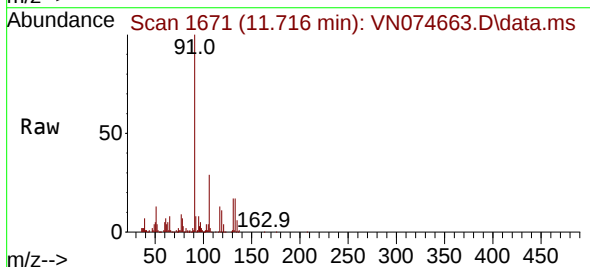
Tgt Ion:112 Resp: 420764
Ion Ratio Lower Upper
112 100
114 28.7 25.4 38.2

Manual Integrations
APPROVED

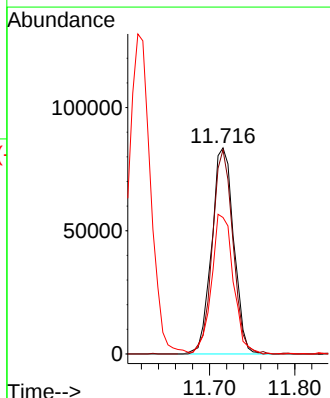
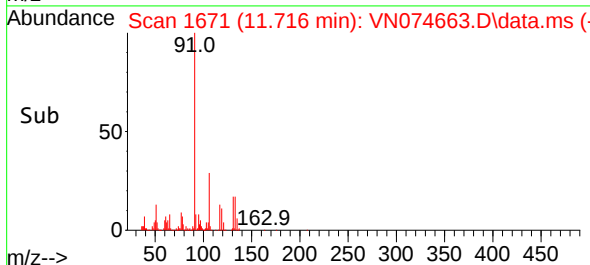
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

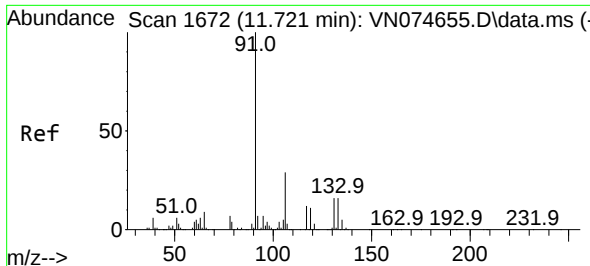


#66
1,1,1,2-Tetrachloroethane
Concen: 19.300 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



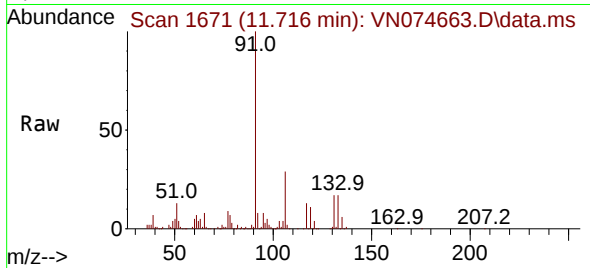
Tgt Ion:131 Resp: 150380
Ion Ratio Lower Upper
131 100
133 92.4 47.8 143.4
119 67.0 33.4 100.2





#67
Ethyl Benzene
Concen: 19.588 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.005 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

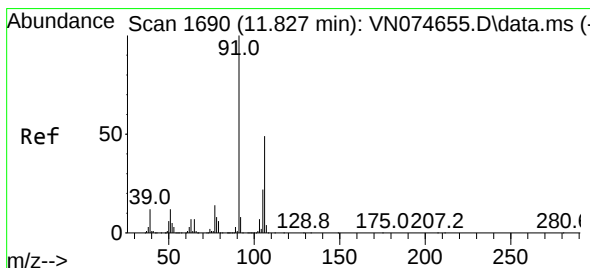
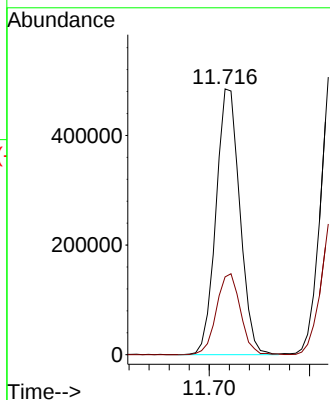
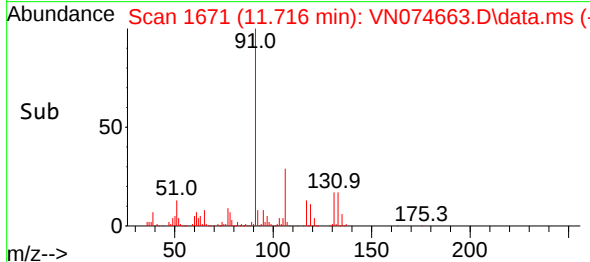
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



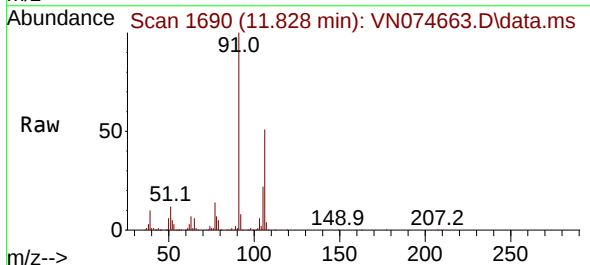
Tgt Ion: 91 Resp: 800392
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

Manual Integrations
APPROVED

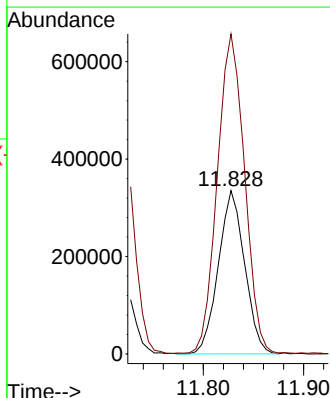
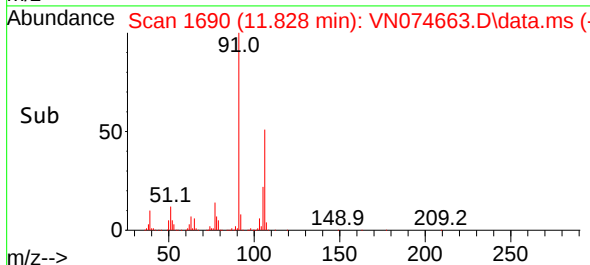
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

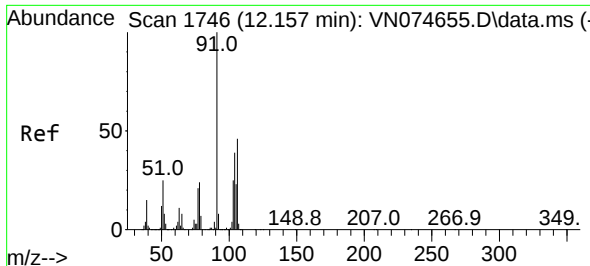


#68
m/p-Xylenes
Concen: 39.308 ug/l
RT: 11.828 min Scan# 1690
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



Tgt Ion:106 Resp: 608208
Ion Ratio Lower Upper
106 100
91 203.4 158.9 238.3





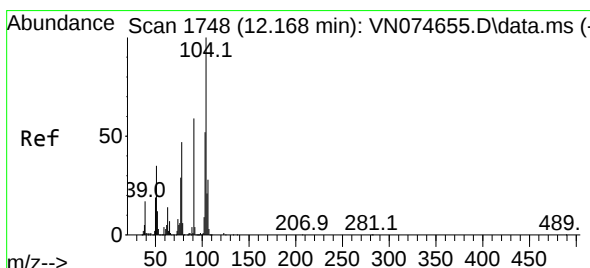
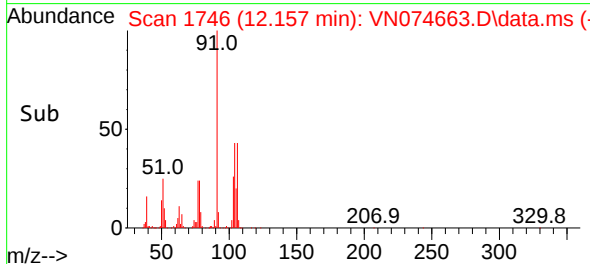
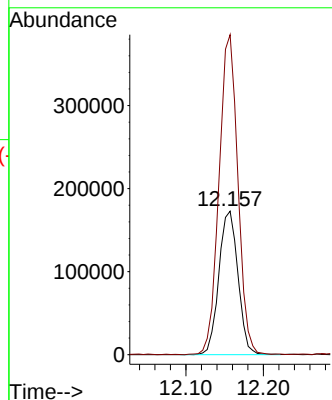
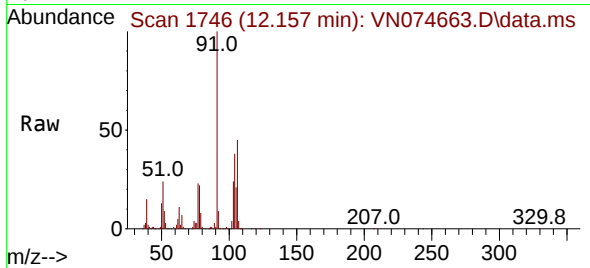
#69
o-Xylene
Concen: 19.052 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:106 Resp: 296310
Ion Ratio Lower Upper
106 100
91 220.0 106.0 318.0

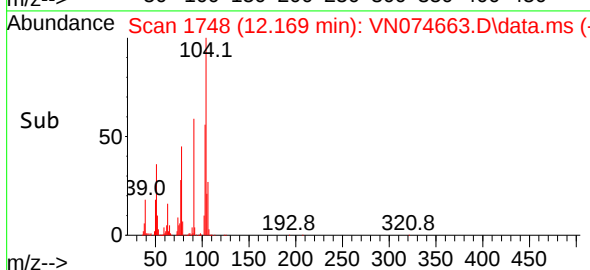
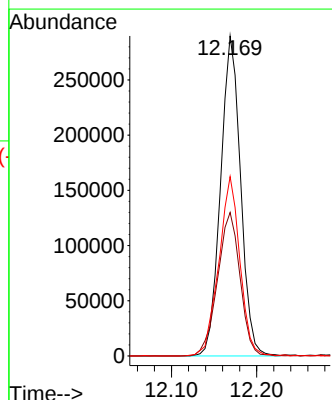
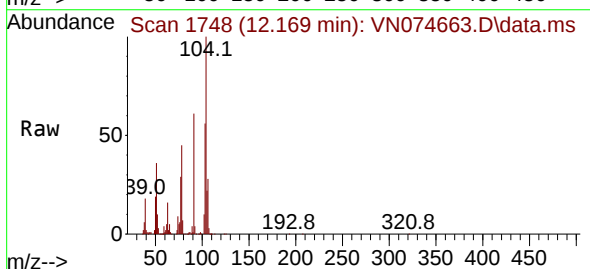
Manual Integrations
APPROVED

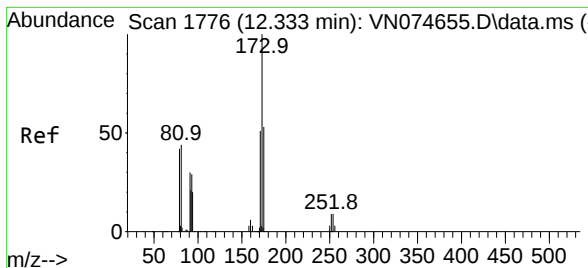
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 19.071 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Tgt Ion:104 Resp: 473058
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 59.2 44.0 66.0





#71

Bromoform

Concen: 18.638 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

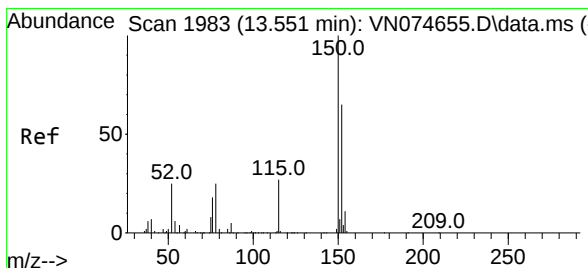
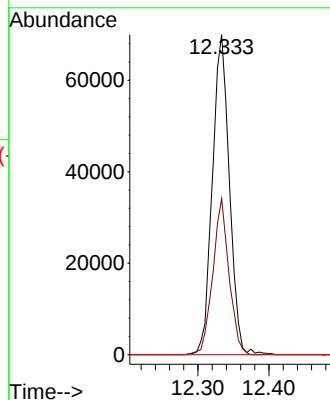
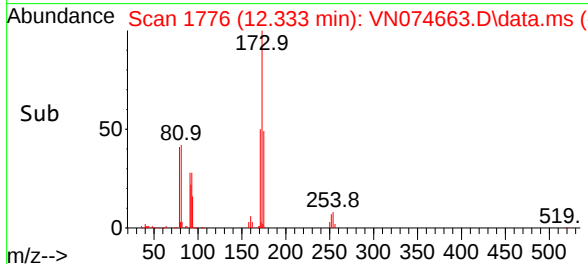
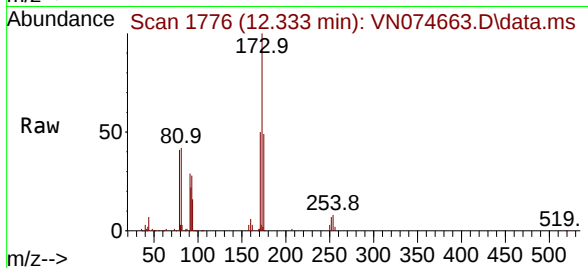
Tgt Ion:173 Resp: 116442
 Ion Ratio Lower Upper
 173 100
 175 46.5 24.6 73.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

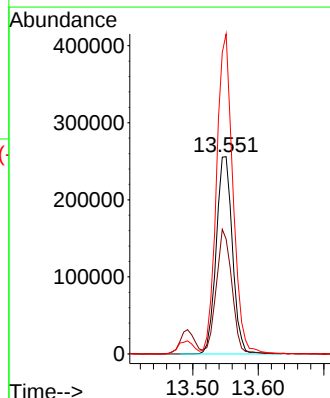
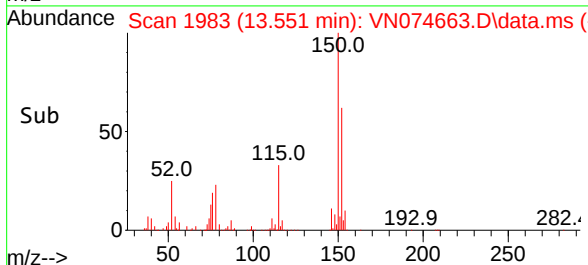
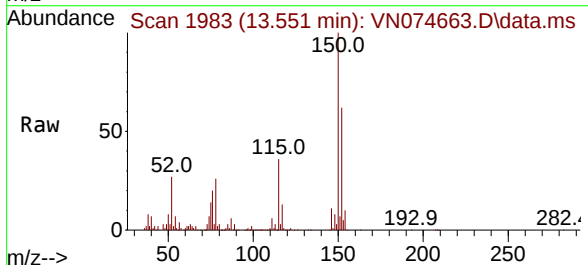
RT: 13.551 min Scan# 1983

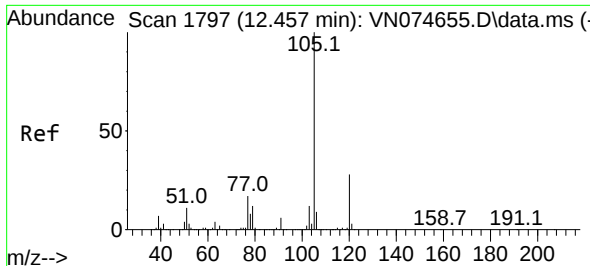
Delta R.T. -0.000 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

Tgt Ion:152 Resp: 438402
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 163.7 0.0 356.2





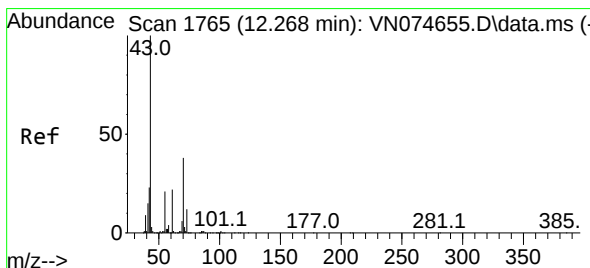
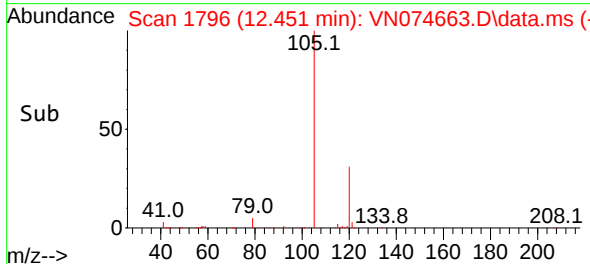
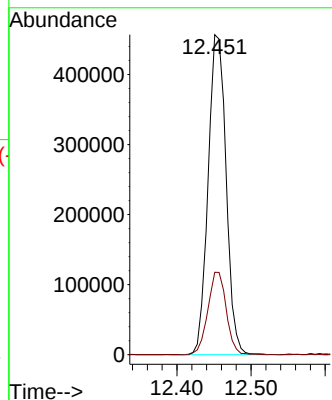
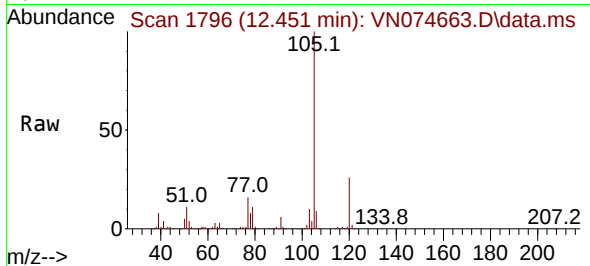
#73
Isopropylbenzene
Concen: 18.746 ug/l
RT: 12.451 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:105 Resp: 769875
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

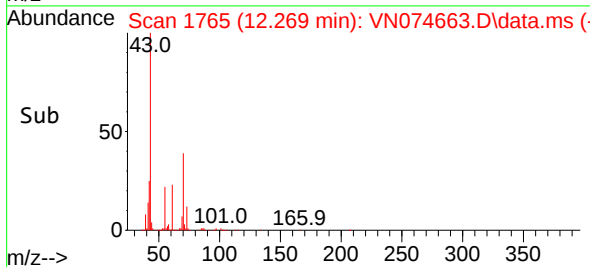
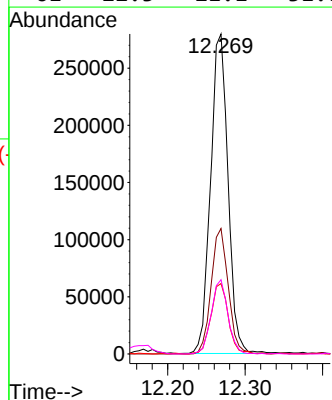
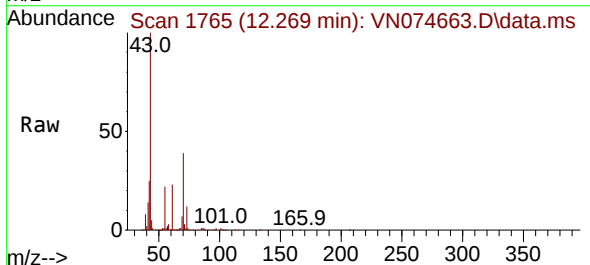
Manual Integrations
APPROVED

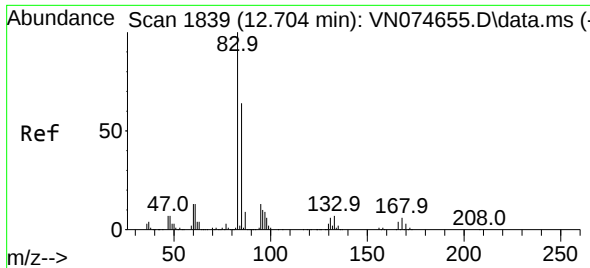
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#74
N-ethyl acetate
Concen: 19.185 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

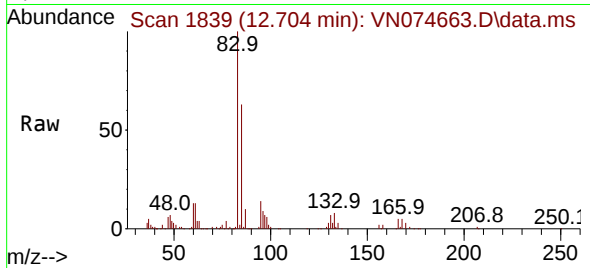
Tgt Ion: 43 Resp: 437311
Ion Ratio Lower Upper
43 100
70 38.5 39.0 58.4#
55 22.0 21.1 31.7
61 22.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.255 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

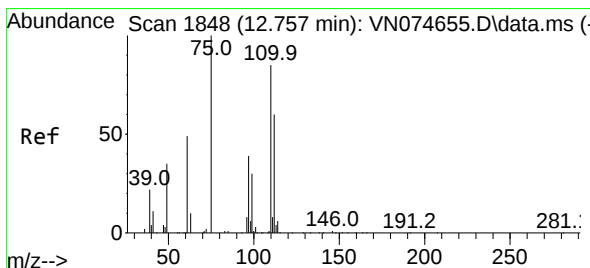
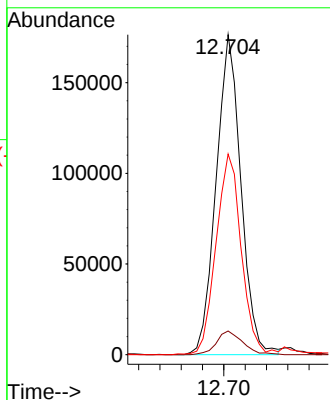
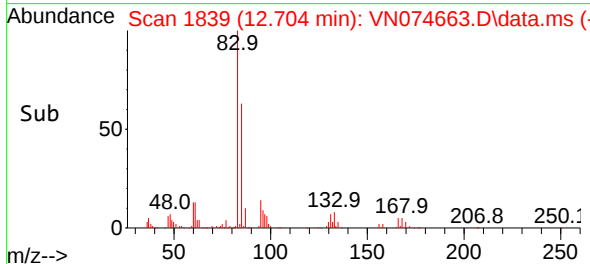
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 83 Resp: 284970
Ion Ratio Lower Upper
83 100
131 7.8 5.3 15.9
85 63.9 32.3 96.9

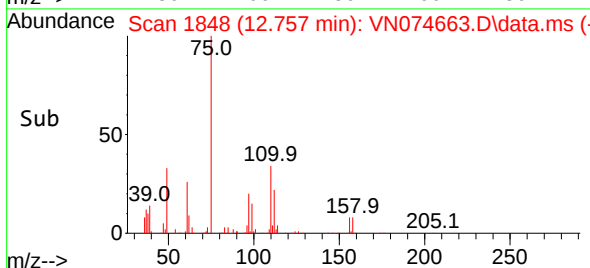
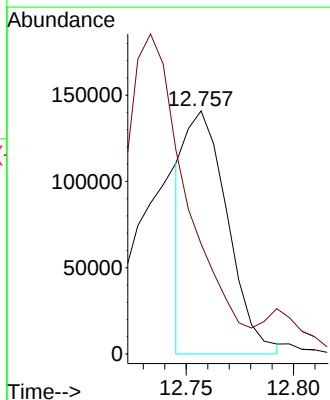
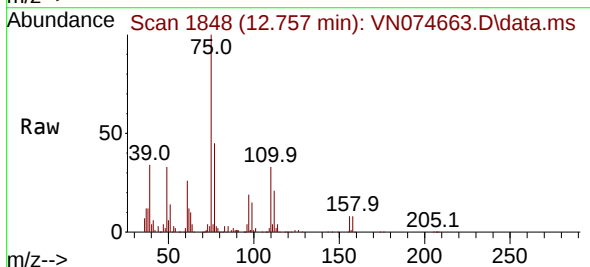
Manual Integrations
APPROVED

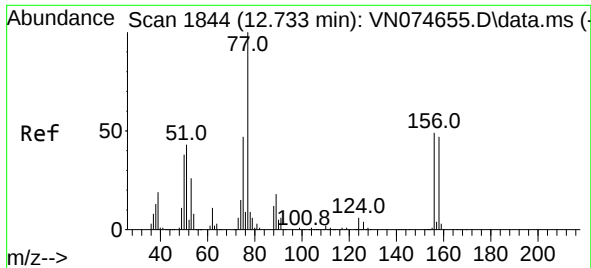
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#76
1,2,3-Trichloropropane
Concen: 18.127 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Tgt Ion: 75 Resp: 194257
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





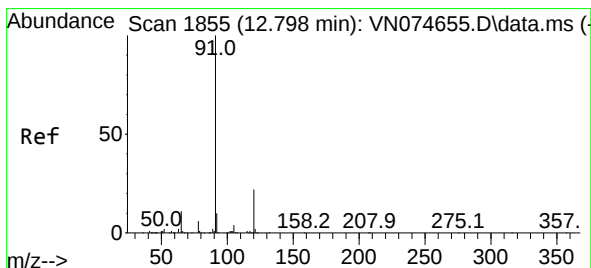
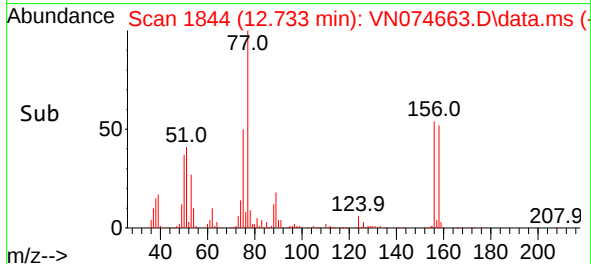
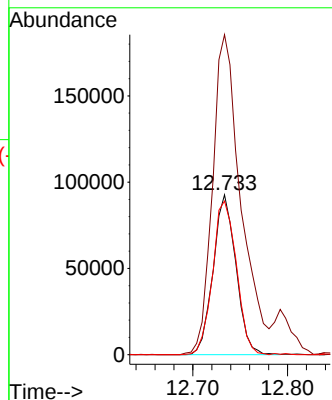
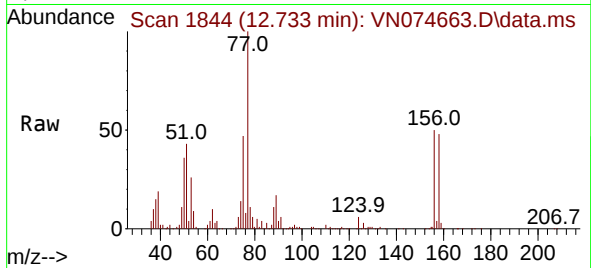
#77
Bromobenzene
Concen: 19.564 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion:156 Resp: 155364
Ion Ratio Lower Upper
156 100
77 247.9 100.5 301.5
158 100.3 48.9 146.6

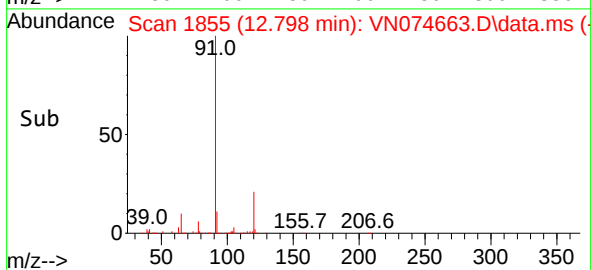
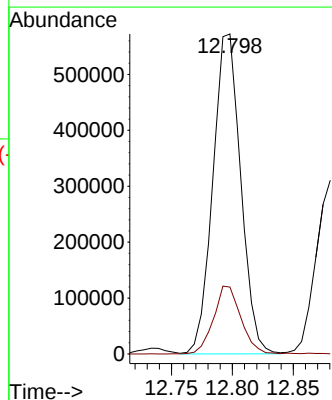
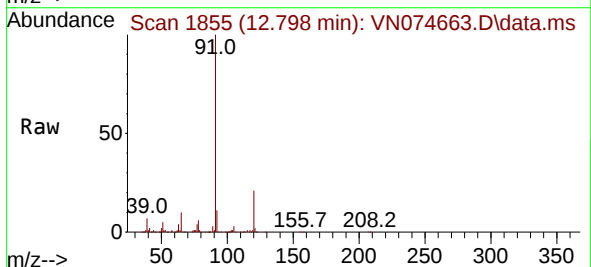
Manual Integrations
APPROVED

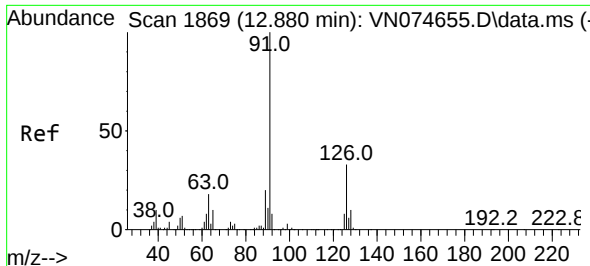
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 19.254 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

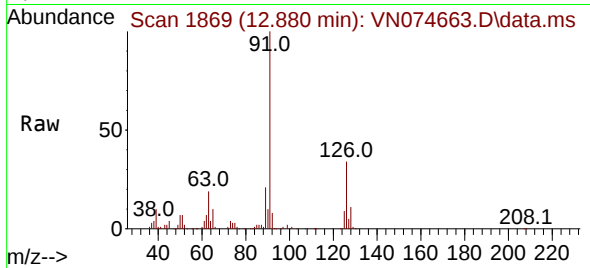
Tgt Ion: 91 Resp: 912099
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 18.196 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

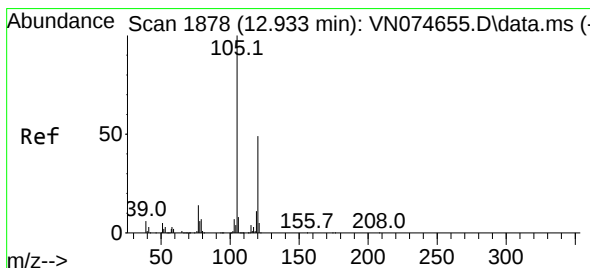
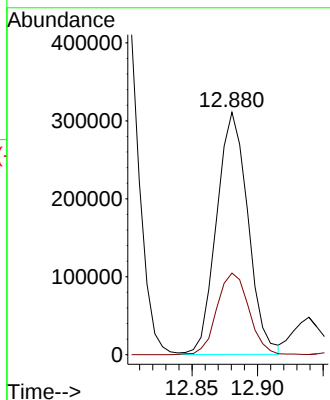
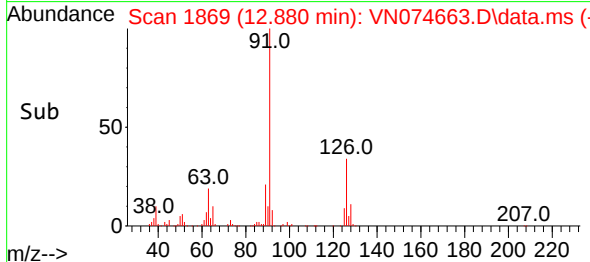
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



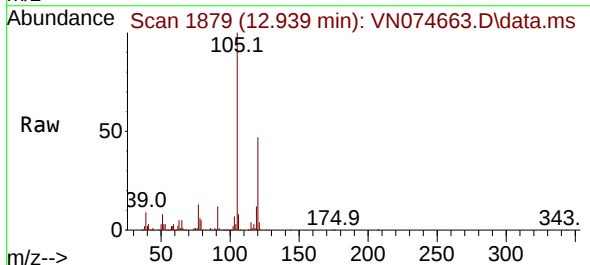
Tgt Ion: 91 Resp: 517978
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.9

Manual Integrations
APPROVED

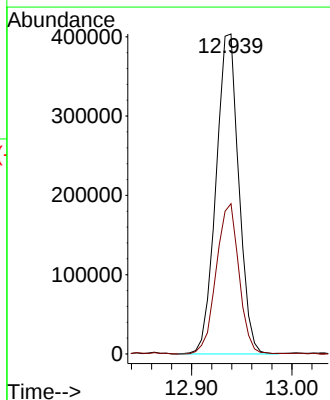
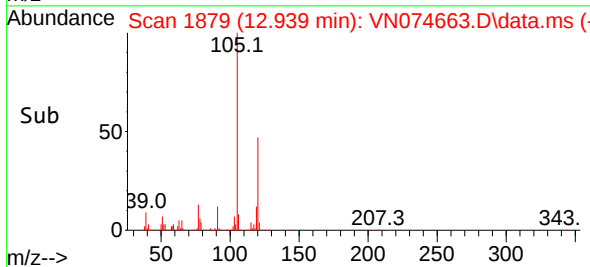
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

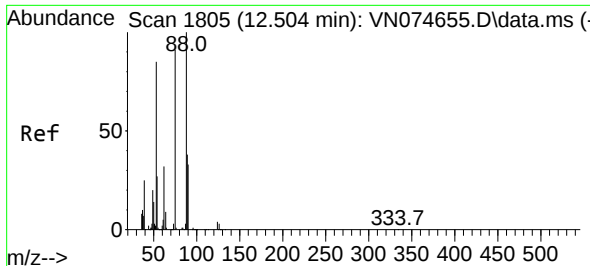


#80
1,3,5-Trimethylbenzene
Concen: 19.421 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



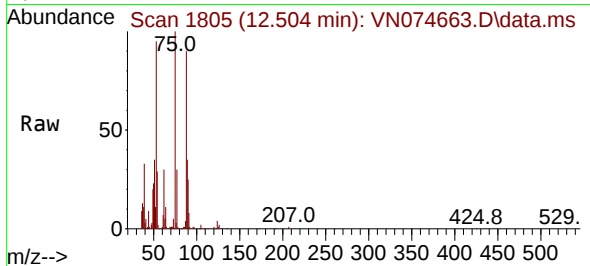
Tgt Ion:105 Resp: 636443
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.882 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

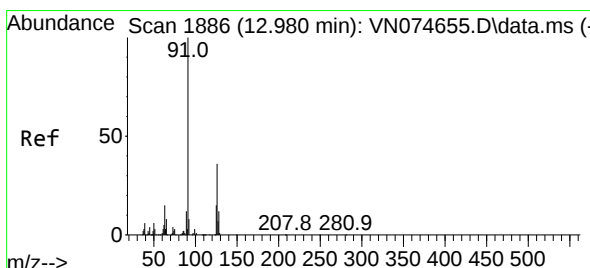
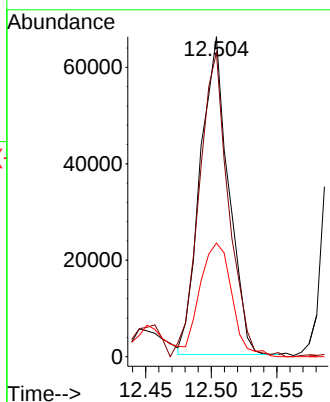
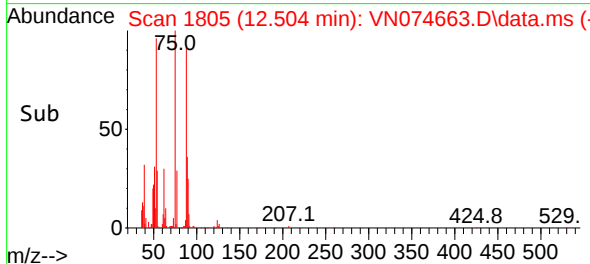
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



Tgt Ion: 75 Resp: 99058
Ion Ratio Lower Upper
75 100
53 98.9 78.0 117.0
89 39.8 37.2 55.8

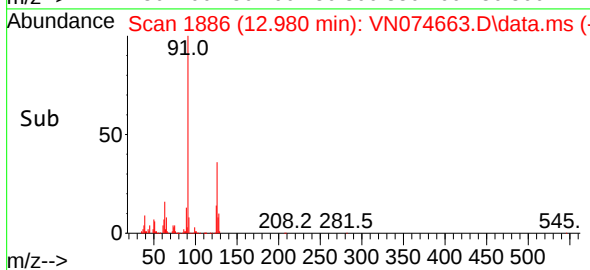
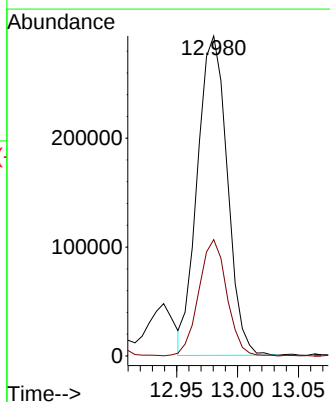
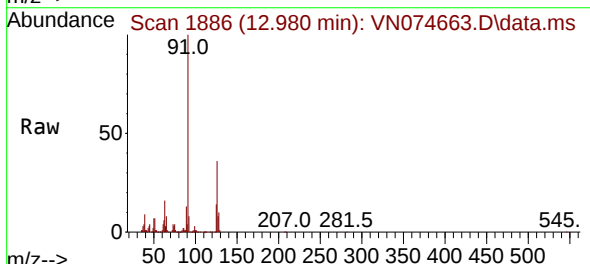
Manual Integrations
APPROVED

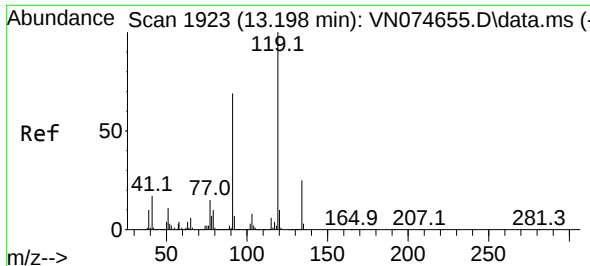
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 18.889 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

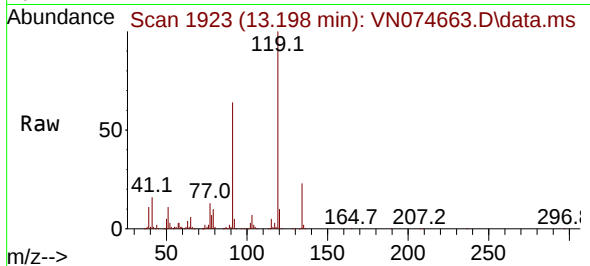
Tgt Ion: 91 Resp: 500389
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.845 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

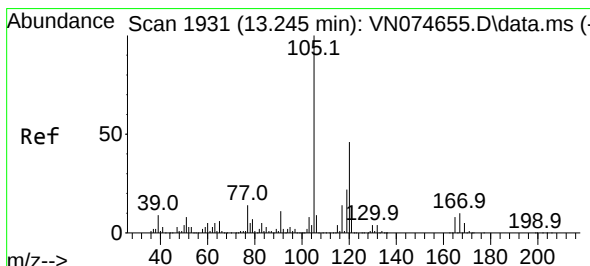
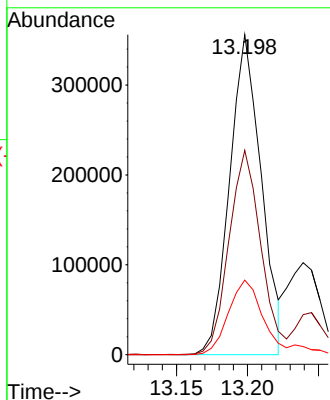
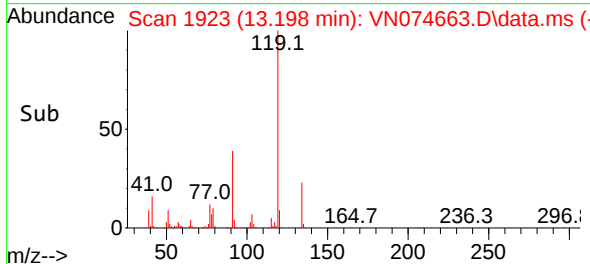
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



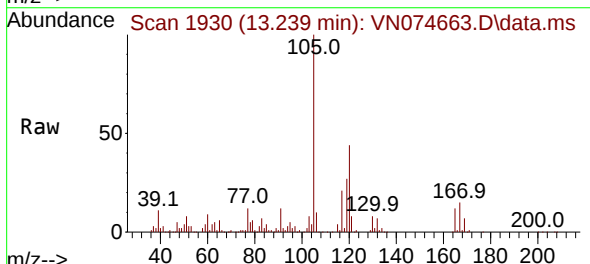
Tgt Ion:119 Resp: 551574
Ion Ratio Lower Upper
119 100
91 64.6 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
APPROVED

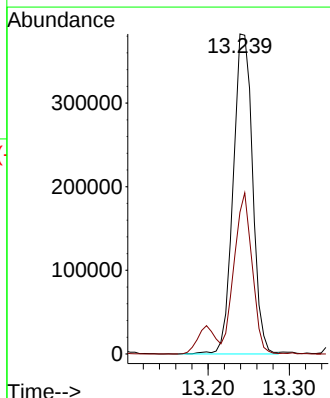
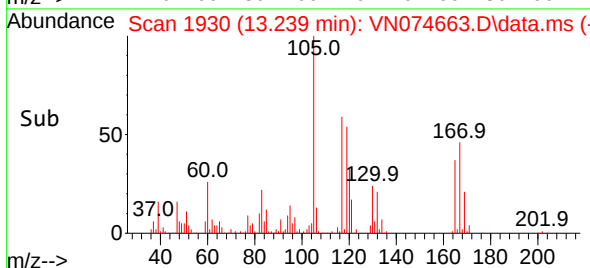
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

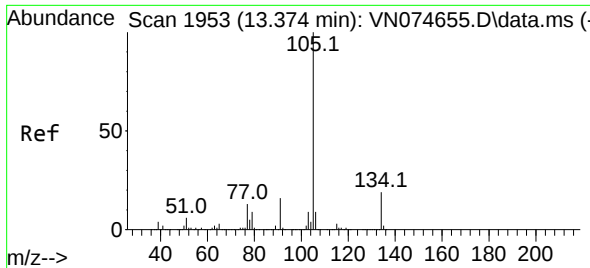


#84
1,2,4-Trimethylbenzene
Concen: 19.374 ug/l
RT: 13.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



Tgt Ion:105 Resp: 634043
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





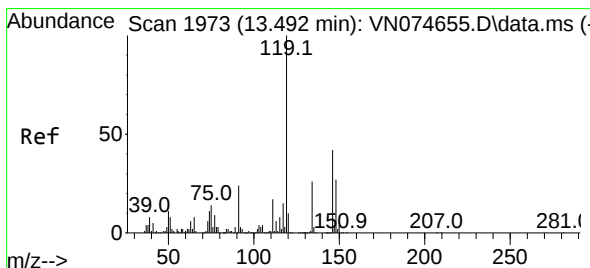
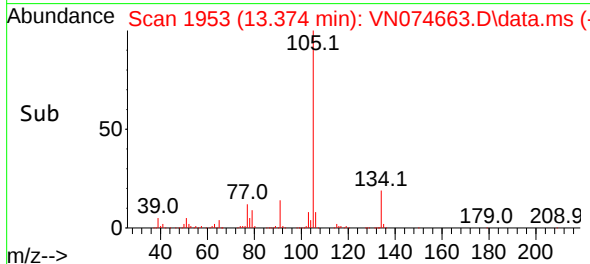
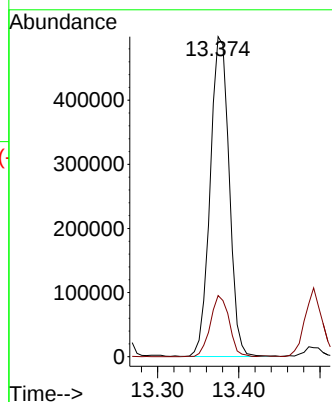
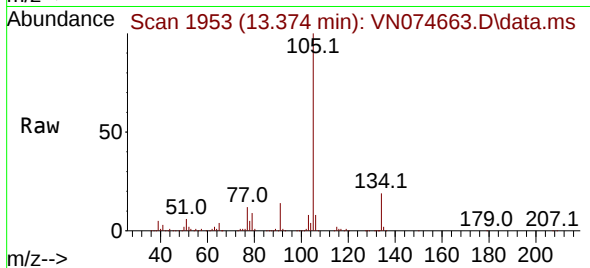
#85
 sec-Butylbenzene
 Concen: 19.680 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Tgt Ion:105 Resp: 809434
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

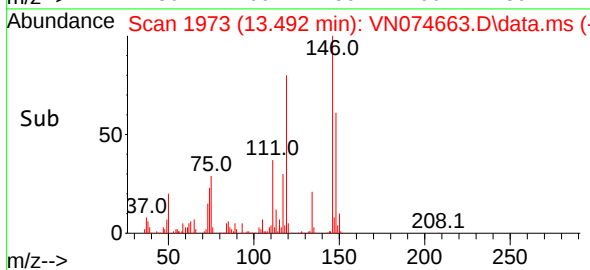
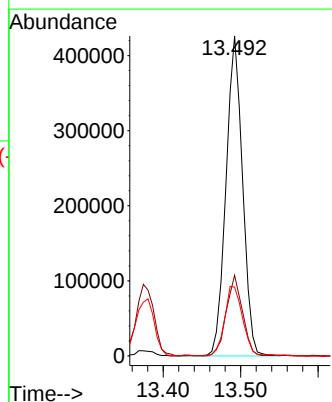
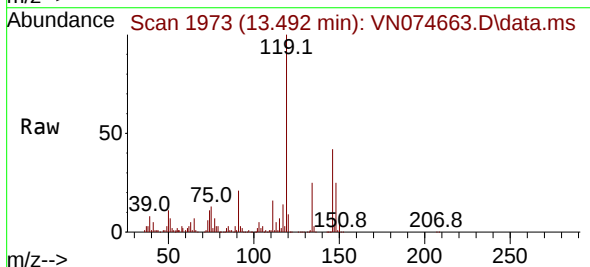
Manual Integrations
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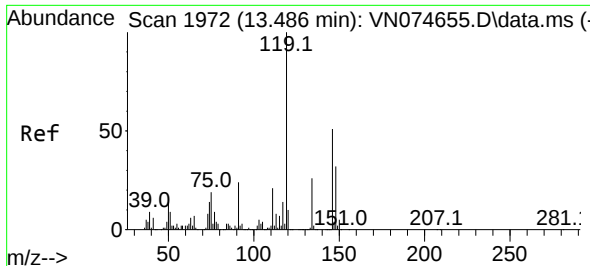
Reviewed By :John Carlone 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 19.443 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

Tgt Ion:119 Resp: 633521
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.3 39.8
 91 23.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.878 ug/l

RT: 13.492 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VN074663.D

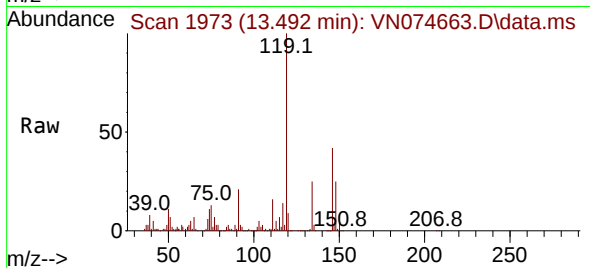
Acq: 30 Sep 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01



Tgt Ion:146 Resp: 30136

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

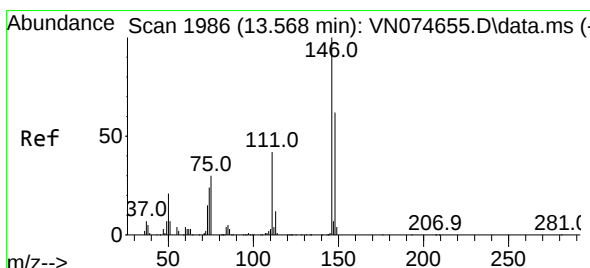
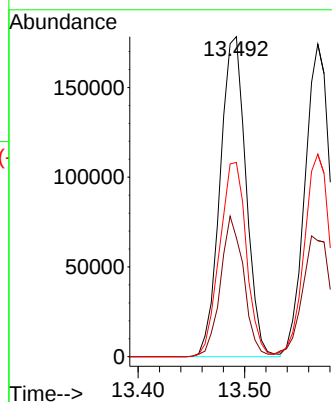
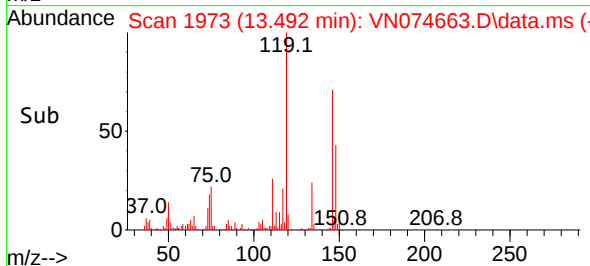
148 62.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2022

Supervised By :Mahesh Dadoda 10/05/2022



#88

1,4-Dichlorobenzene

Concen: 17.494 ug/l

RT: 13.569 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN074663.D

Acq: 30 Sep 2022 13:30

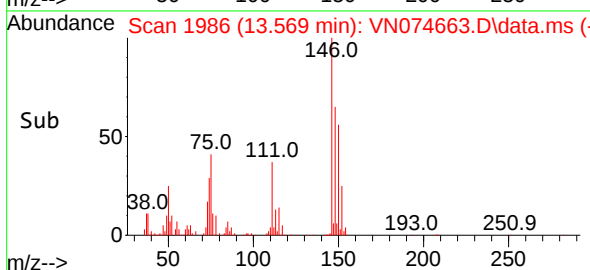
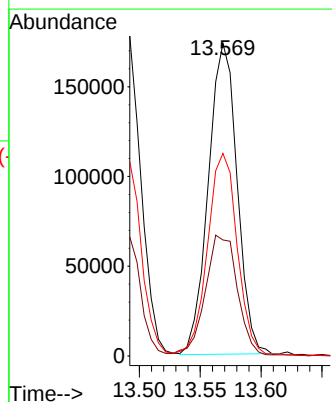
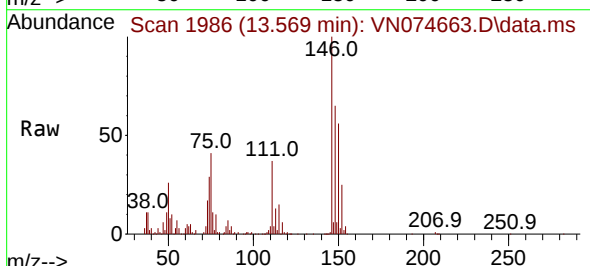
Tgt Ion:146 Resp: 285432

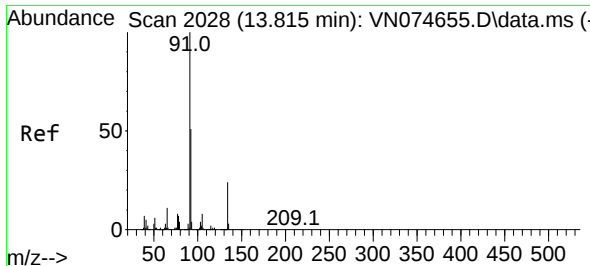
Ion Ratio Lower Upper

146 100

111 43.2 19.1 57.1

148 67.8 31.4 94.3





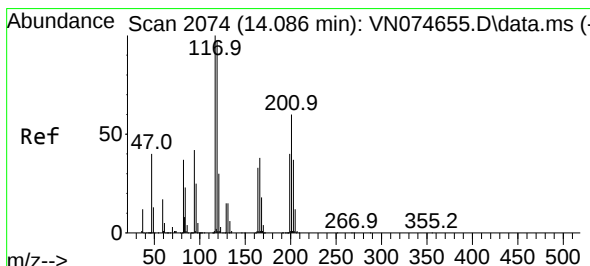
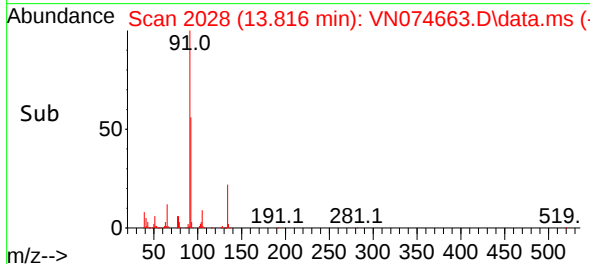
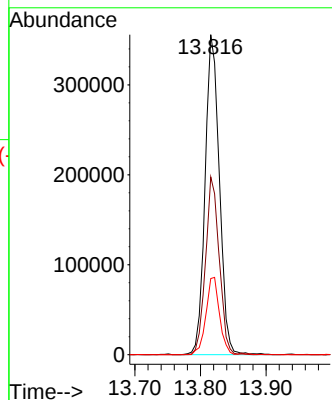
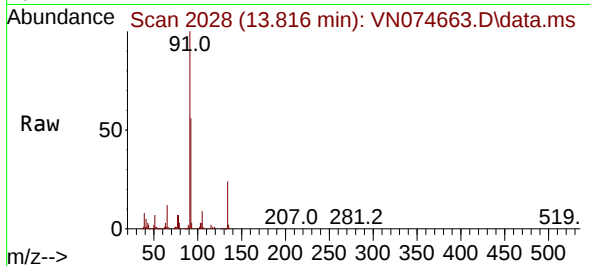
#89
n-Butylbenzene
Concen: 18.793 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

Tgt Ion: 91 Resp: 540250
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 23.0 13.6 40.8

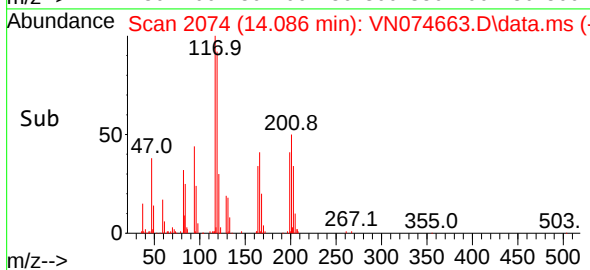
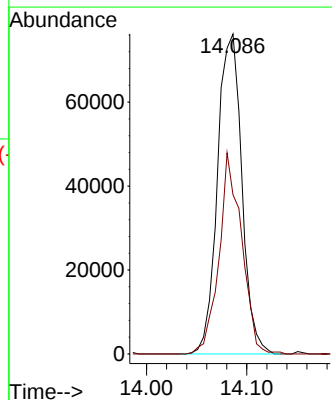
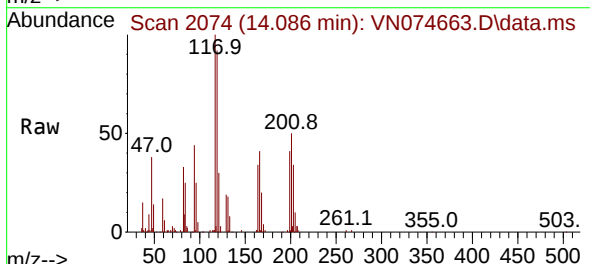
Manual Integrations
APPROVED

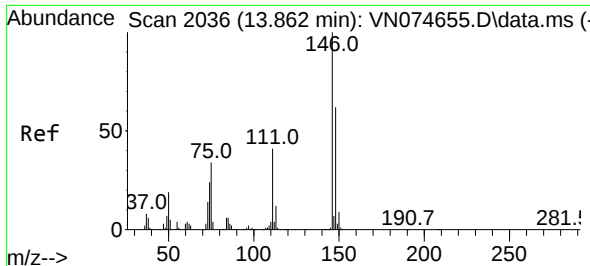
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 18.321 ug/l
RT: 14.086 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

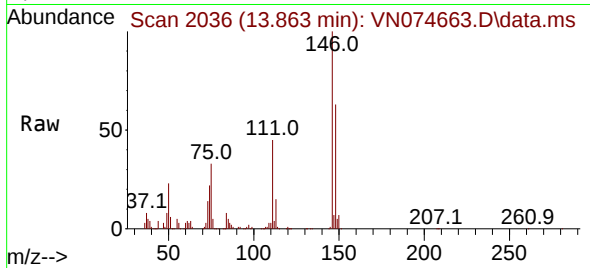
Tgt Ion:117 Resp: 128454
Ion Ratio Lower Upper
117 100
201 58.4 40.6 122.0





#91
 1,2-Dichlorobenzene
 Concen: 18.531 ug/l
 RT: 13.863 min Scan# 2036
 Delta R.T. 0.001 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

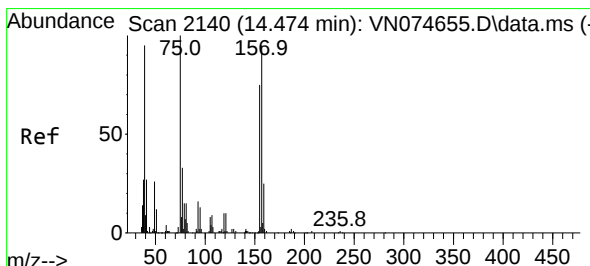
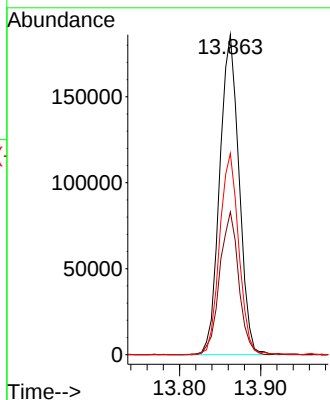
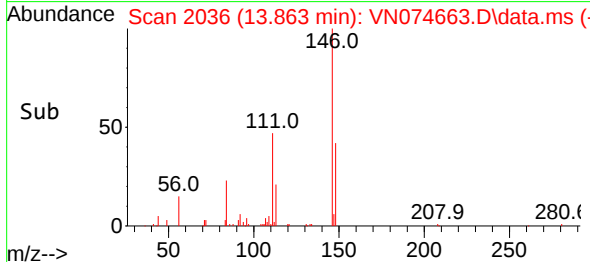
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01



Tgt Ion:146 Resp: 308700
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.9 62.8
 148 62.4 32.1 96.3

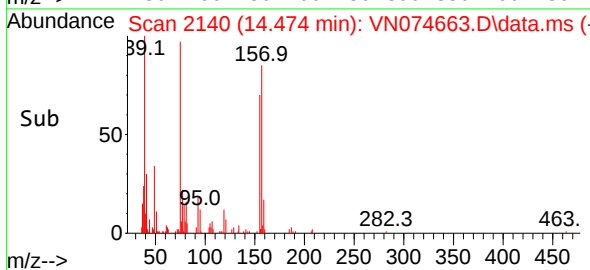
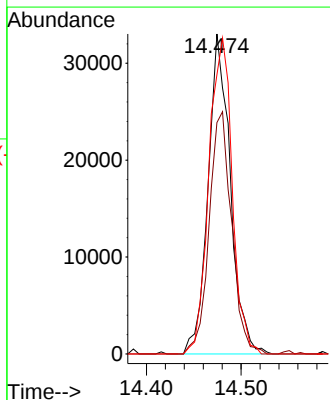
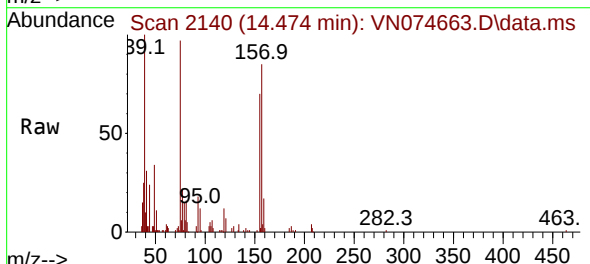
Manual Integrations
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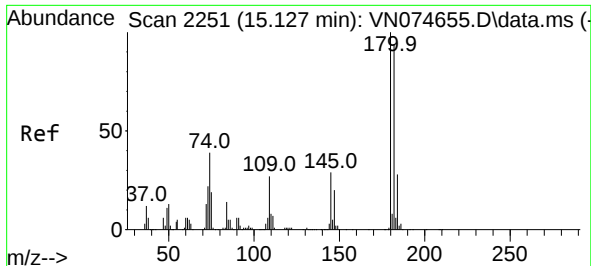
Reviewed By :John Carlone 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.072 ug/l
 RT: 14.474 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: VN074663.D
 Acq: 30 Sep 2022 13:30

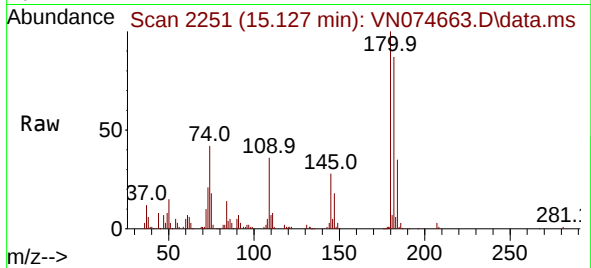
Tgt Ion: 75 Resp: 53748
 Ion Ratio Lower Upper
 75 100
 155 76.8 44.9 134.5
 157 103.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.047 ug/l
RT: 15.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

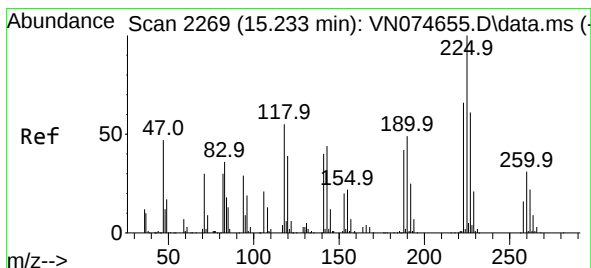
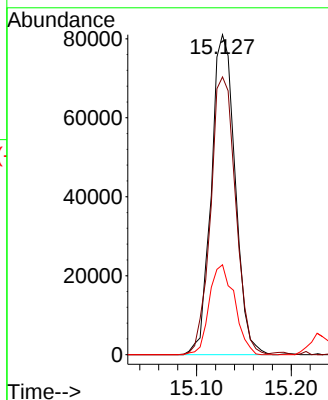
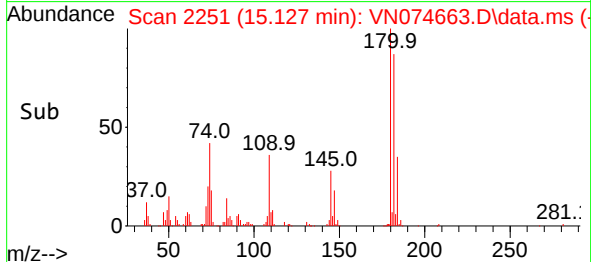
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



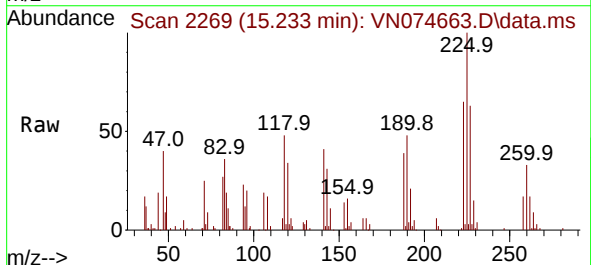
Tgt Ion:180 Resp: 141758
Ion Ratio Lower Upper
180 100
182 90.8 47.5 142.5
145 29.8 14.5 43.5

Manual Integrations
APPROVED

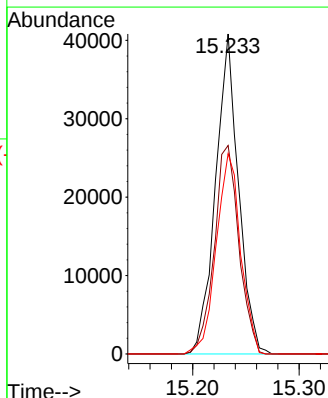
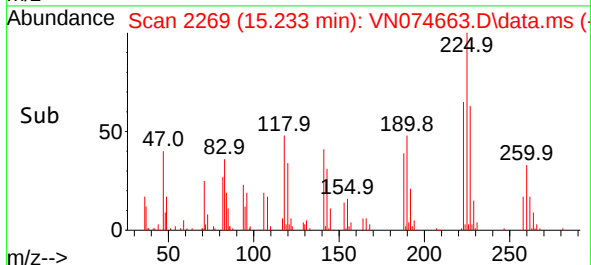
Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

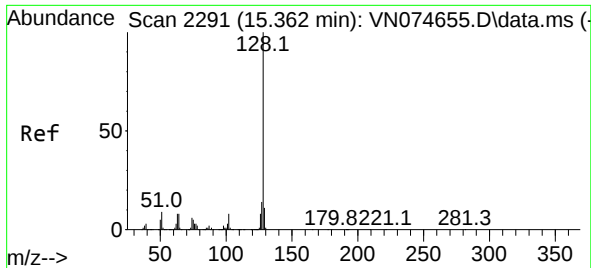


#94
Hexachlorobutadiene
Concen: 19.001 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



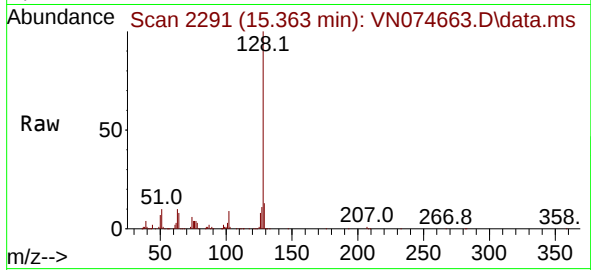
Tgt Ion:225 Resp: 61116
Ion Ratio Lower Upper
225 100
223 69.8 32.4 97.2
227 66.2 31.8 95.4





#95
Naphthalene
Concen: 17.889 ug/l
RT: 15.363 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30

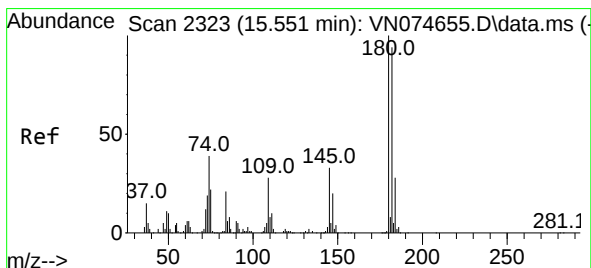
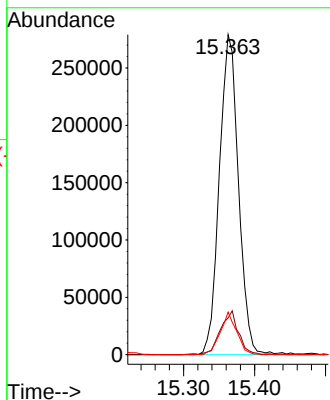
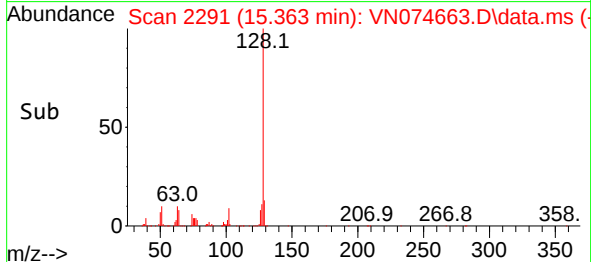
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01



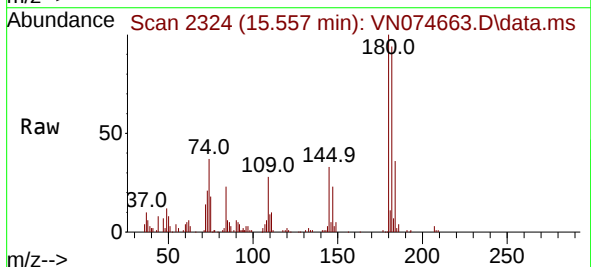
Tgt Ion:128 Resp: 520914
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.177 ug/l
RT: 15.557 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VN074663.D
Acq: 30 Sep 2022 13:30



Tgt Ion:180 Resp: 134676
Ion Ratio Lower Upper
180 100
182 92.8 47.8 143.3
145 32.6 15.5 46.5

