

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070994.D
 Acq On : 17 Feb 2022 21:42
 Operator : JC\MD
 Sample : N1581-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20220215MSD

Quant Time: Feb 18 00:52:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	625250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1018316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	954137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	397015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	365962	51.238	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.480%			
35) Dibromofluoromethane	8.022	113	291908	48.194	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.380%			
50) Toluene-d8	10.439	98	1167593	48.001	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.000%			
62) 4-Bromofluorobenzene	12.727	95	403799	46.443	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	307514	47.353	ug/l	100
3) Chloromethane	2.299	50	412403	50.523	ug/l	99
4) Vinyl Chloride	2.440	62	391600	47.924	ug/l	100
5) Bromomethane	2.828	94	209128	45.053	ug/l	98
6) Chloroethane	2.999	64	241760	45.099	ug/l	97
7) Trichlorofluoromethane	3.363	101	473856	46.274	ug/l	98
8) Diethyl Ether	3.816	74	204927	46.035	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.193	101	285905	45.507	ug/l	97
10) Methyl Iodide	4.404	142	435316	50.029	ug/l	97
11) Tert butyl alcohol	5.398	59	441180	338.940	ug/l	98
12) 1,1-Dichloroethene	4.163	96	287596	46.983	ug/l	95
13) Acrolein	4.034	56	346347	297.773	ug/l	99
14) Allyl chloride	4.828	41	582754	49.918	ug/l #	86
15) Acrylonitrile	5.551	53	1201698	313.427	ug/l	99
16) Acetone	4.287	43	994836	252.917	ug/l	95
17) Carbon Disulfide	4.510	76	786462	44.803	ug/l	100
18) Methyl Acetate	4.857	43	486891	56.611	ug/l	99
19) Methyl tert-butyl Ether	5.622	73	1105612	51.490	ug/l	96
20) Methylene Chloride	5.087	84	360837	50.476	ug/l	96
21) trans-1,2-Dichloroethene	5.587	96	315371	48.002	ug/l	94
22) Diisopropyl ether	6.498	45	1205218	53.828	ug/l	92
23) Vinyl Acetate	6.434	43	4792008	252.829	ug/l	100
24) 1,1-Dichloroethane	6.381	63	646563	51.513	ug/l	100
25) 2-Butanone	7.339	43	1644865	314.349	ug/l	98
26) 2,2-Dichloropropane	7.322	77	414158	39.702	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	379908	50.311	ug/l	96
28) Bromochloromethane	7.657	49	274392	54.013	ug/l	89
29) Tetrahydrofuran	7.686	42	1129869	333.316	ug/l	94
30) Chloroform	7.816	83	627511	50.832	ug/l	99
31) Cyclohexane	8.086	56	589728	47.742	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	538886	50.548	ug/l	98
36) 1,1-Dichloropropene	8.222	75	462759	46.633	ug/l	97
37) Ethyl Acetate	7.416	43	579238	54.427	ug/l	99
38) Carbon Tetrachloride	8.204	117	467613	47.826	ug/l	99
39) Methylcyclohexane	9.457	83	559751	43.837	ug/l	96
40) Benzene	8.457	78	1445356	49.240	ug/l	100

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 Supervised By :Mahesh Dadoda 02/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	336663	60.063	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	502092	50.224	ug/l	98
43) Isopropyl Acetate	8.563	43	900303	53.670	ug/l	99
44) Trichloroethene	9.210	130	354354	45.844	ug/l	97
45) 1,2-Dichloropropane	9.486	63	384569	51.147	ug/l	99
46) Dibromomethane	9.575	93	249431	50.409	ug/l	99
47) Bromodichloromethane	9.757	83	488155	48.813	ug/l	98
48) Methyl methacrylate	9.557	41	445285	56.081	ug/l #	89
49) 1,4-Dioxane	9.569	88	195242	1384.446	ug/l	92
51) 4-Methyl-2-Pentanone	10.328	43	3240898	317.542	ug/l	97
52) Toluene	10.504	92	917660	49.752	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	525223	48.300	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	569869	47.720	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	363620	50.364	ug/l	99
56) Ethyl methacrylate	10.757	69	622421	57.218	ug/l #	92
57) 1,3-Dichloropropane	11.039	76	649081	51.975	ug/l	99
59) 2-Hexanone	11.086	43	2381664	339.300	ug/l	98
60) Dibromochloromethane	11.233	129	386293	50.628	ug/l	99
61) 1,2-Dibromoethane	11.345	107	380648	51.834	ug/l	100
64) Tetrachloroethene	10.975	164	311941	41.980	ug/l	98
65) Chlorobenzene	11.769	112	979902	47.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	367920	49.091	ug/l	99
67) Ethyl Benzene	11.839	91	1757821	48.849	ug/l	98
68) m/p-Xylenes	11.951	106	1335817	96.103	ug/l	100
69) o-Xylene	12.280	106	667119	49.132	ug/l	99
70) Styrene	12.292	104	1073033	49.700	ug/l	98
71) Bromoform	12.457	173	300267	50.306	ug/l #	100
73) Isopropylbenzene	12.574	105	1714263	53.644	ug/l	100
74) N-amyl acetate	12.386	43	614391	60.146	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	587361	57.840	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	476716m	50.998	ug/l	
77) Bromobenzene	12.857	156	403079	51.525	ug/l	85
78) n-propylbenzene	12.916	91	1885128	52.504	ug/l	98
79) 2-Chlorotoluene	13.004	91	1163614	53.366	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1370379	52.932	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	162014	56.163	ug/l	89
82) 4-Chlorotoluene	13.104	91	1084954	51.260	ug/l	97
83) tert-Butylbenzene	13.321	119	1229105	50.059	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1339305	52.552	ug/l	100
85) sec-Butylbenzene	13.498	105	1654091	51.127	ug/l	99
86) p-Isopropyltoluene	13.616	119	1347449	50.734	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	670734	48.434	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	648366	47.786	ug/l	99
89) n-Butylbenzene	13.939	91	1015268	46.854	ug/l	96
90) Hexachloroethane	14.210	117	249299	52.560	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	651830	50.125	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	110730	67.301	ug/l	89
93) 1,2,4-Trichlorobenzene	15.262	180	329036	45.215	ug/l	100
94) Hexachlorobutadiene	15.368	225	174830	36.868	ug/l	99
95) Naphthalene	15.504	128	1015345	56.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	337866	50.134	ug/l	99

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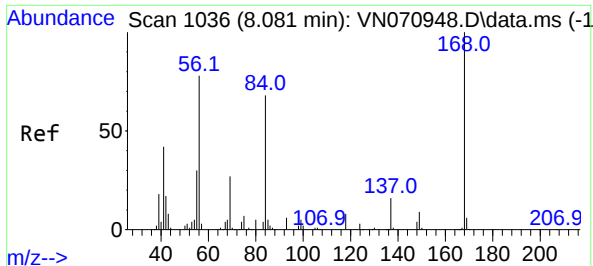
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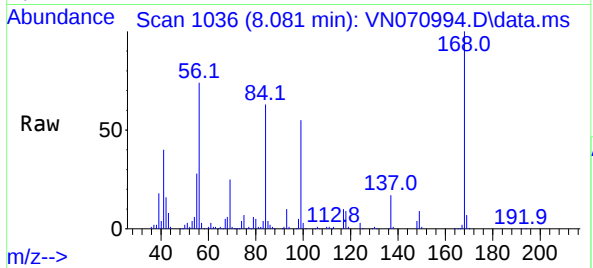
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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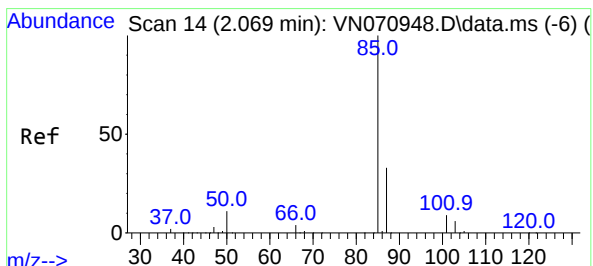
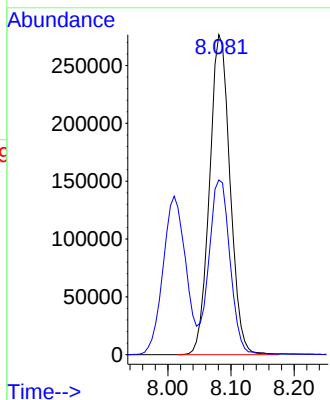
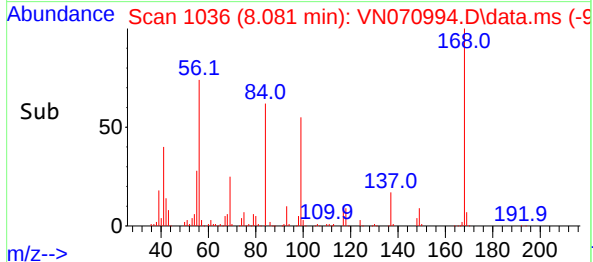
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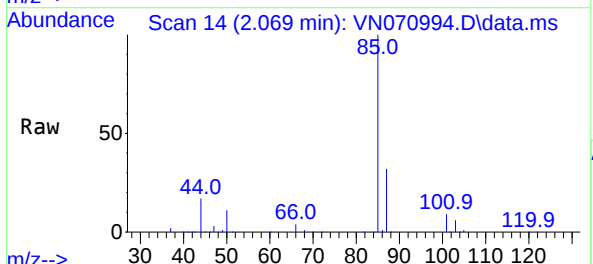
Tgt Ion:168 Resp: 625250
Ion Ratio Lower Upper
168 100
99 54.4 41.3 61.9

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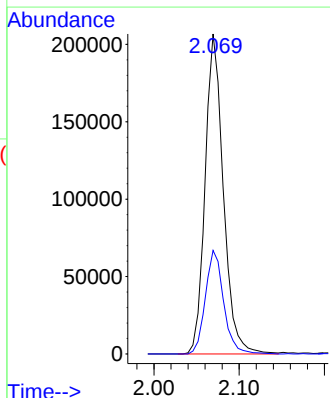
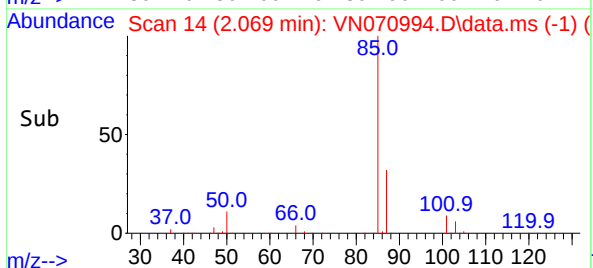
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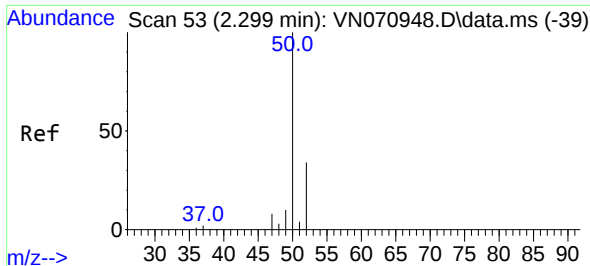


#2
Dichlorodifluoromethane
Concen: 47.353 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



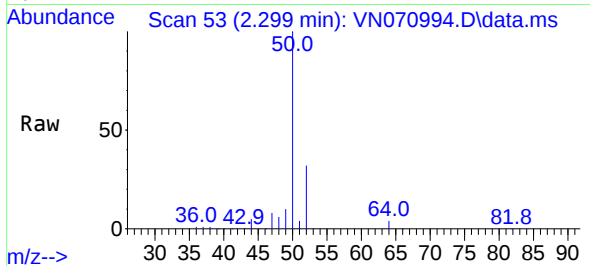
Tgt Ion: 85 Resp: 307514
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 50.523 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

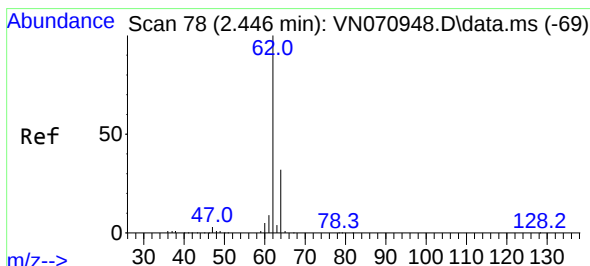
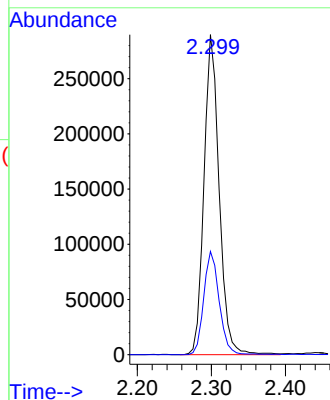
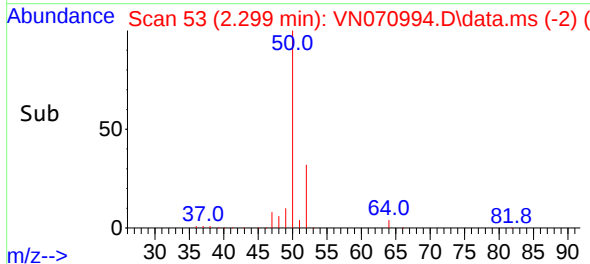
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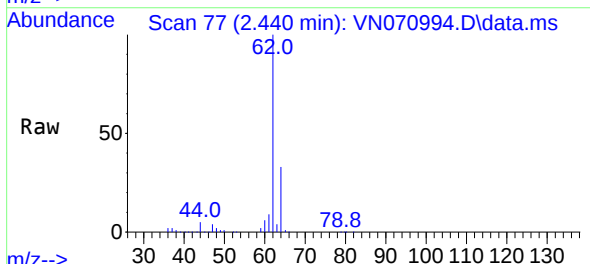
Tgt Ion: 50 Resp: 41240
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

Manual Integrations
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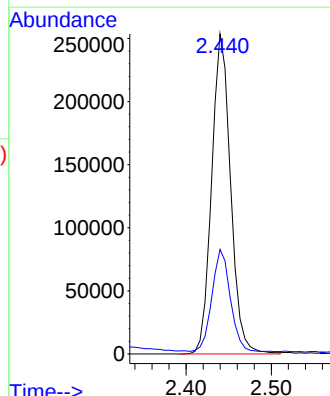
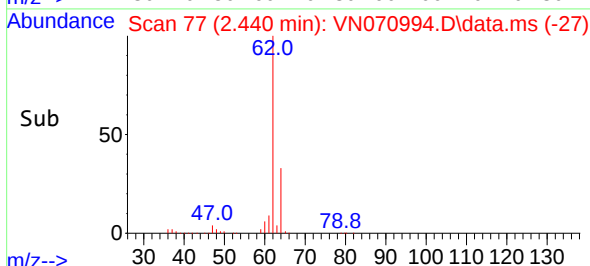
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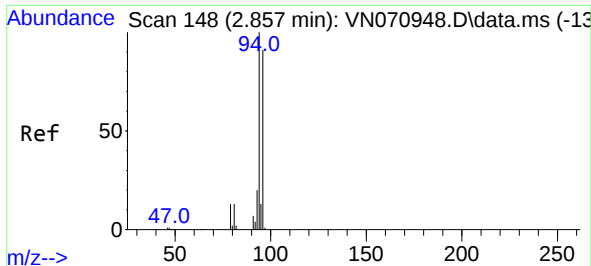


#4
Vinyl Chloride
Concen: 47.924 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



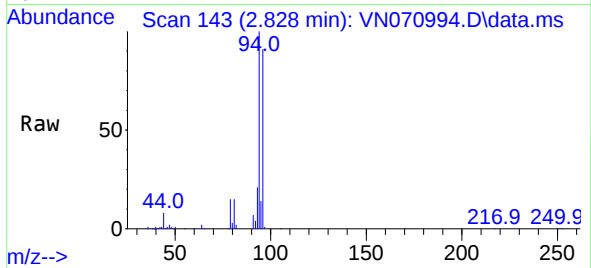
Tgt Ion: 62 Resp: 391600
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 45.053 ug/l
RT: 2.828 min Scan# 148
Delta R.T. -0.029 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

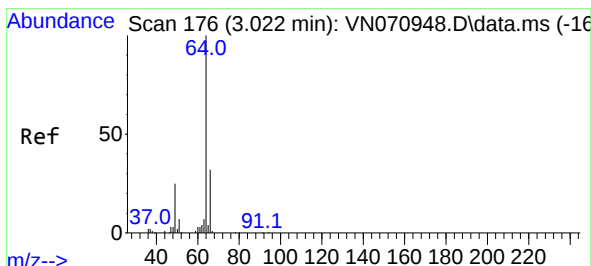
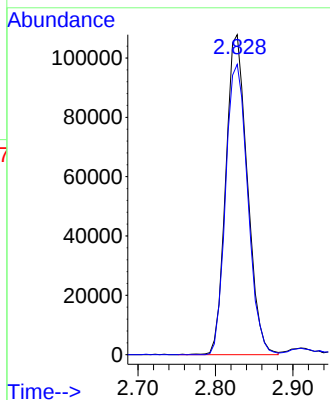
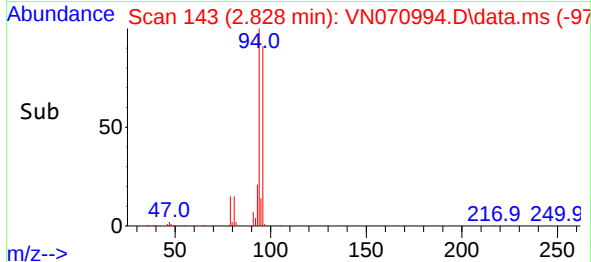
Instrument :
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Tgt Ion: 94 Resp: 209128
Ion Ratio Lower Upper
94 100
96 90.7 73.8 110.8

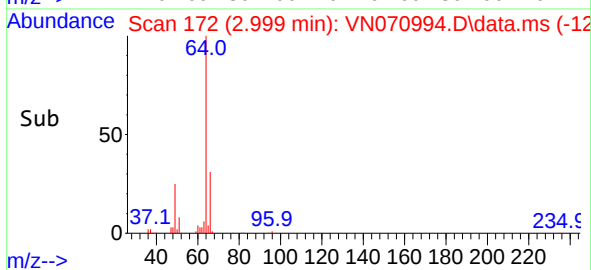
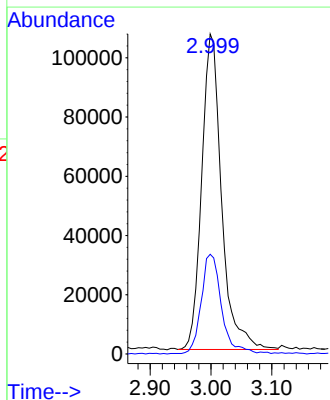
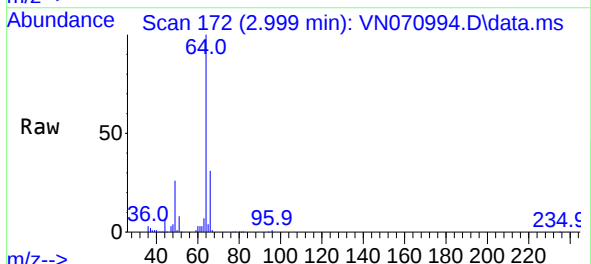
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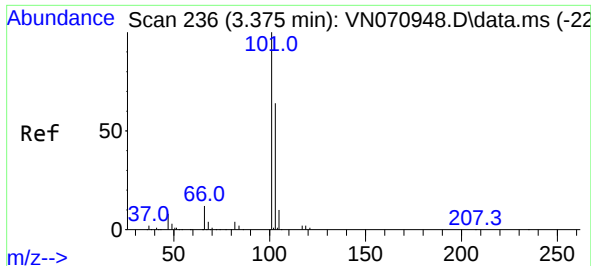
Reviewed By :John Carlone 02/18/2022
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#6
Chloroethane
Concen: 45.099 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.024 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

Tgt Ion: 64 Resp: 241760
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





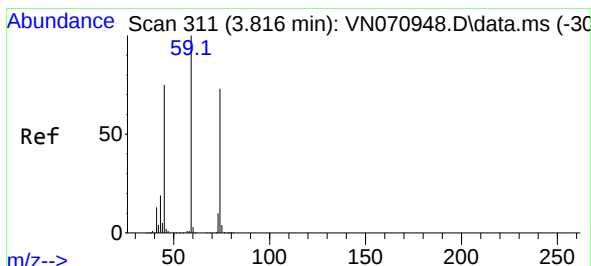
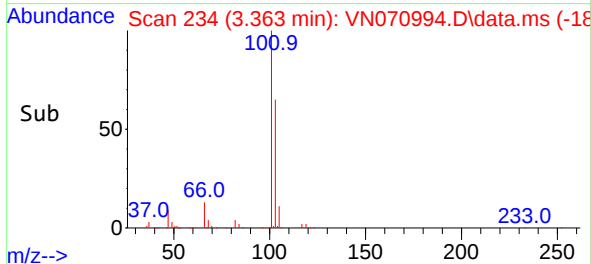
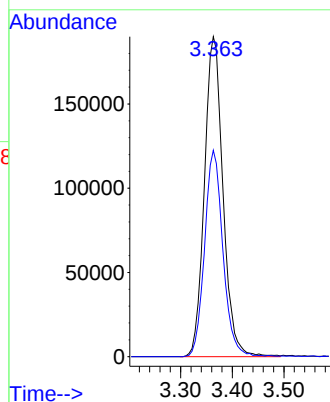
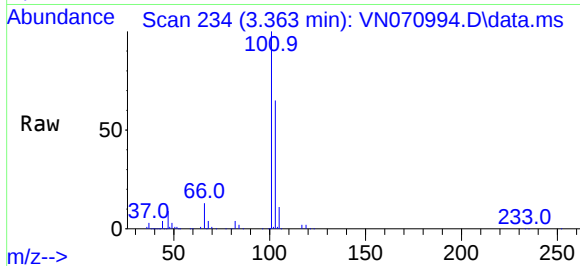
#7
Trichlorofluoromethane
Concen: 46.274 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

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GR-OF-20220215MSD

Tgt Ion:101 Resp: 473850
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

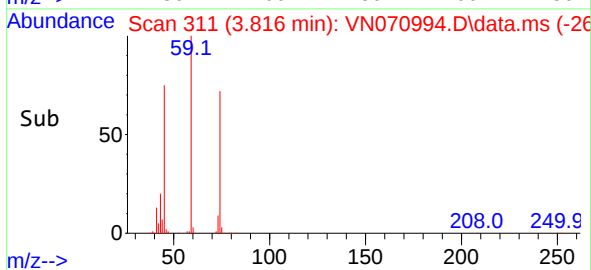
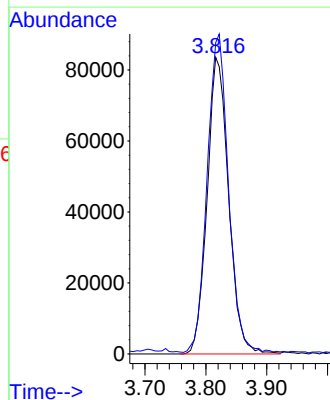
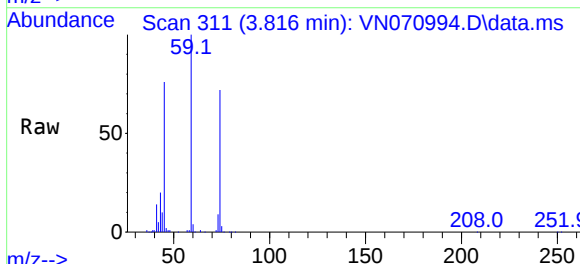
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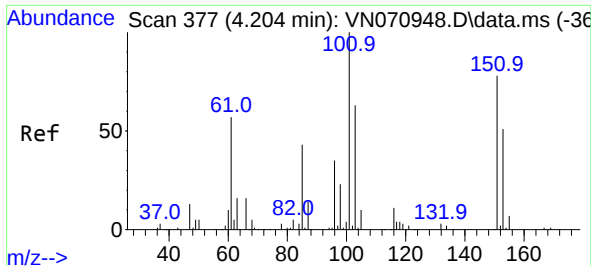
Reviewed By :John Carlone 02/18/2022
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#8
Diethyl Ether
Concen: 46.035 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

Tgt Ion: 74 Resp: 204927
Ion Ratio Lower Upper
74 100
45 106.1 47.0 141.2





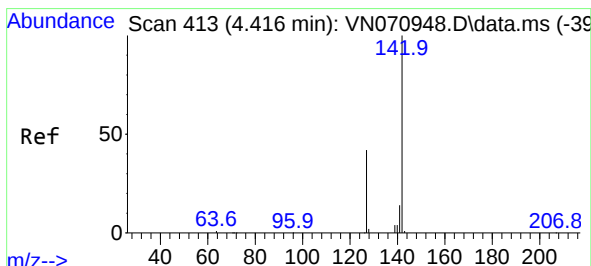
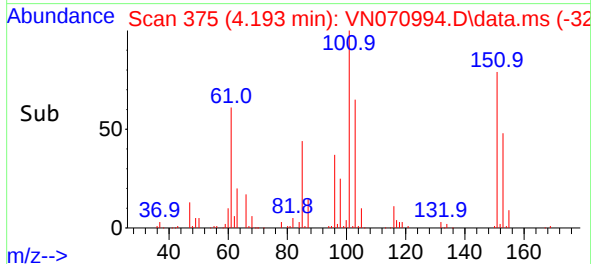
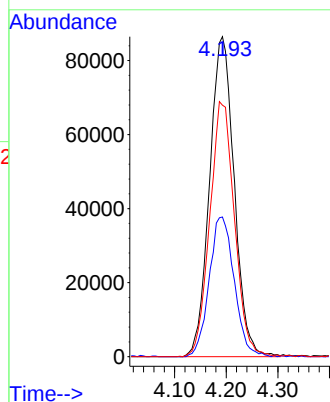
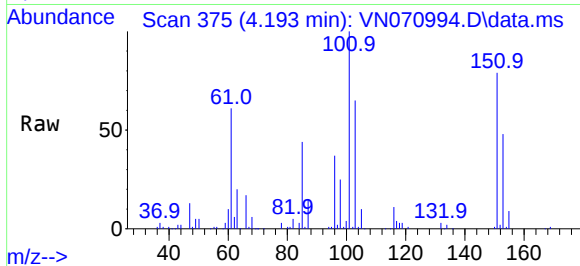
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.507 ug/l
RT: 4.193 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD

Tgt Ion:101 Resp: 28590
Ion Ratio Lower Upper
101 100
85 44.4 37.2 55.8
151 80.1 65.9 98.9

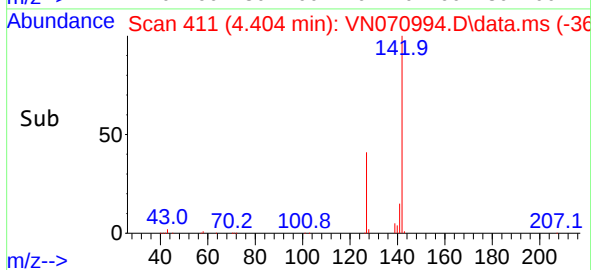
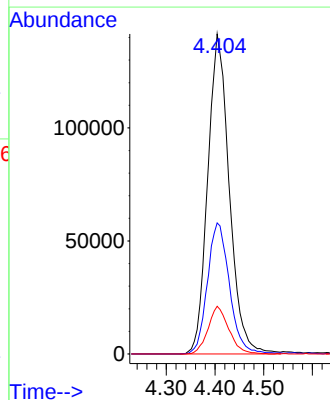
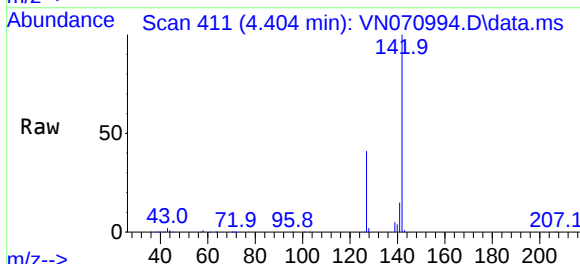
Manual Integrations
APPROVED

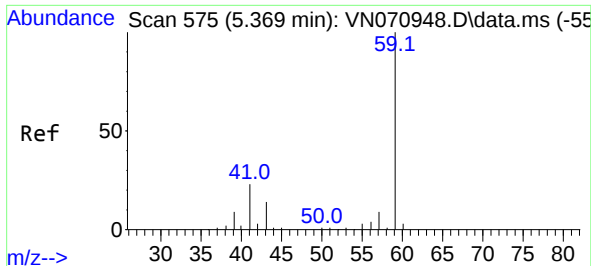
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 50.029 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

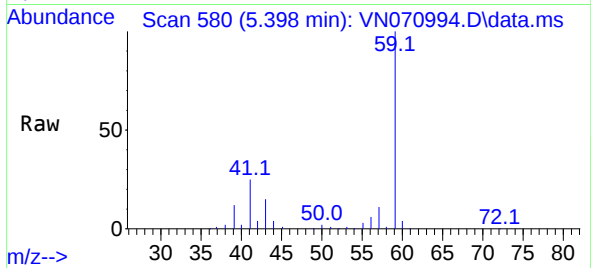
Tgt Ion:142 Resp: 435316
Ion Ratio Lower Upper
142 100
127 42.0 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 338.940 ug/l
RT: 5.398 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

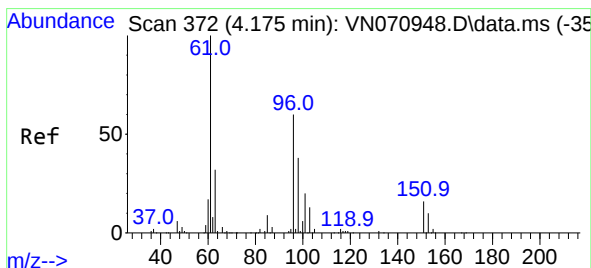
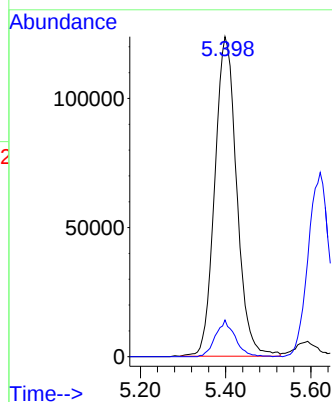
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 59 Resp: 441180
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

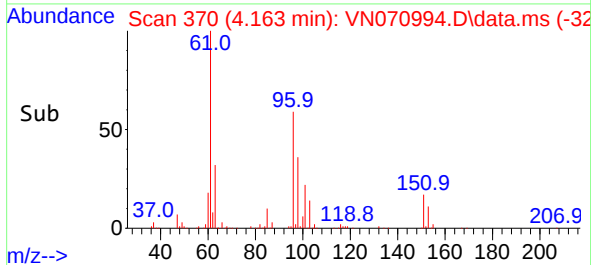
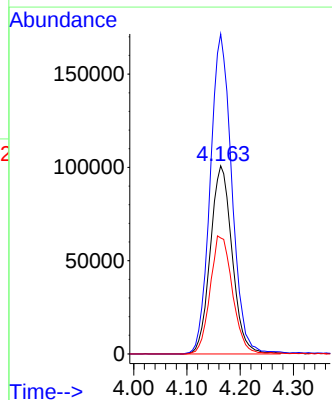
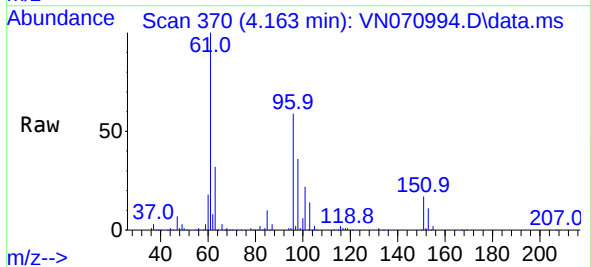
Manual Integrations
APPROVED

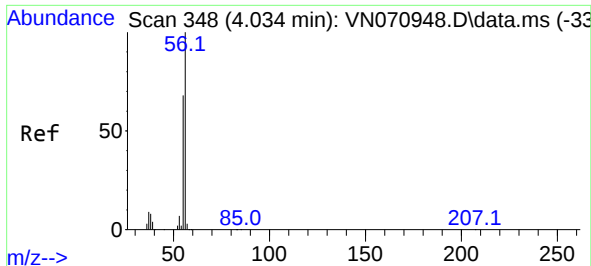
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#12
1,1-Dichloroethene
Concen: 46.983 ug/l
RT: 4.163 min Scan# 370
Delta R.T. -0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

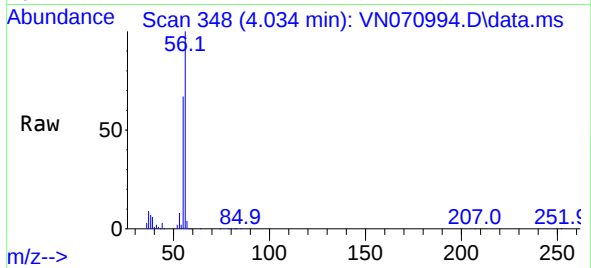
Tgt Ion: 96 Resp: 287596
Ion Ratio Lower Upper
96 100
61 170.1 131.0 196.6
98 61.7 52.4 78.6





#13
Acrolein
Concen: 297.773 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

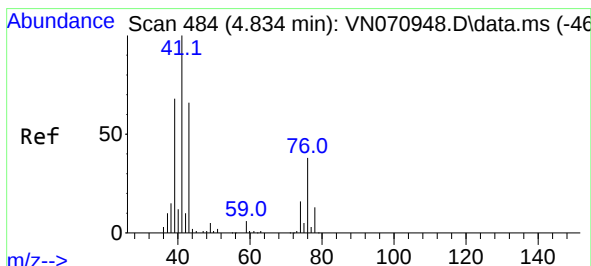
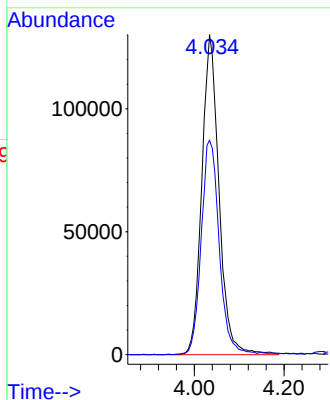
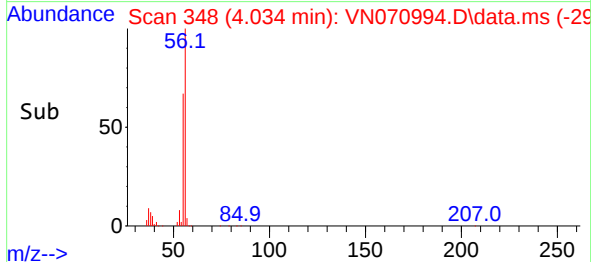
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



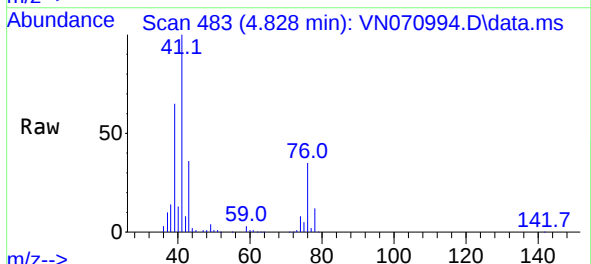
Tgt Ion: 56 Resp: 34634
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

Manual Integrations
APPROVED

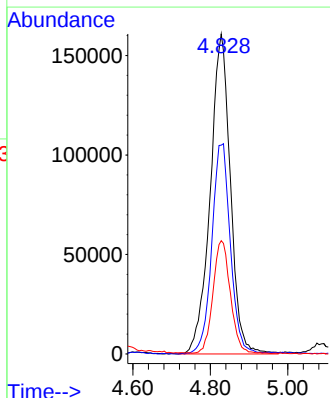
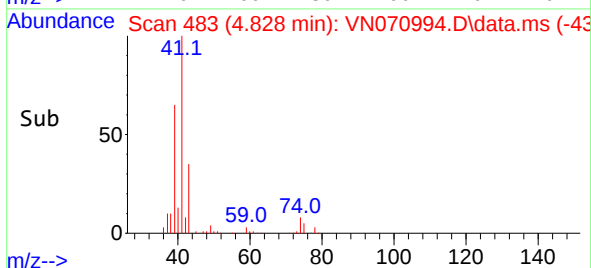
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

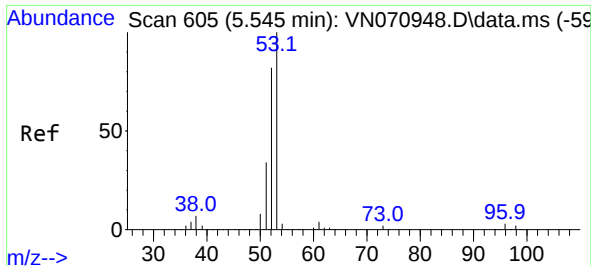


#14
Allyl chloride
Concen: 49.918 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



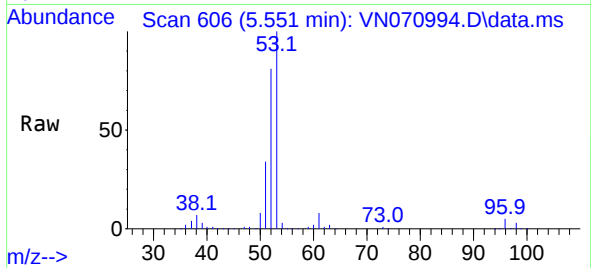
Tgt Ion: 41 Resp: 582754
Ion Ratio Lower Upper
41 100
39 60.5 61.2 91.8#
76 30.4 26.0 39.0





#15
Acrylonitrile
Concen: 313.427 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

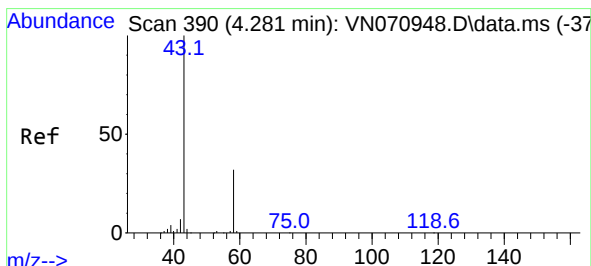
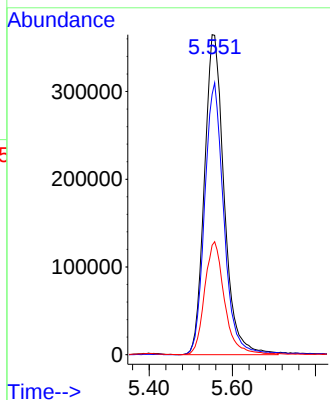
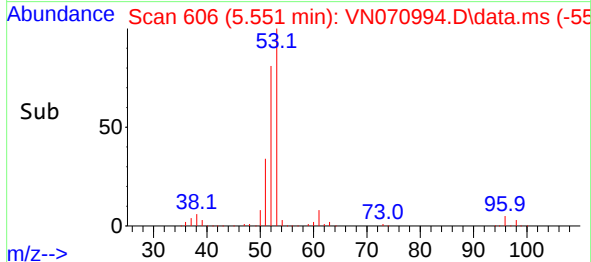
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 53 Resp: 1201698
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.8 29.6 44.4

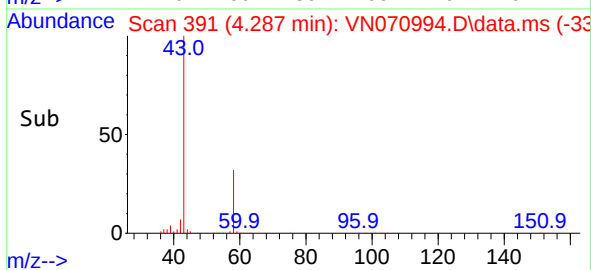
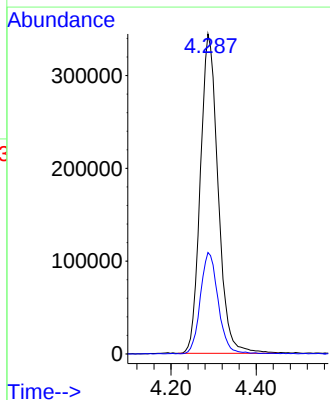
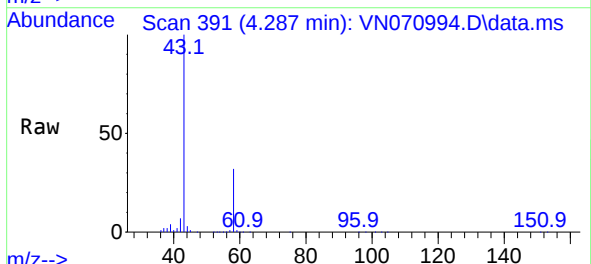
Manual Integrations
APPROVED

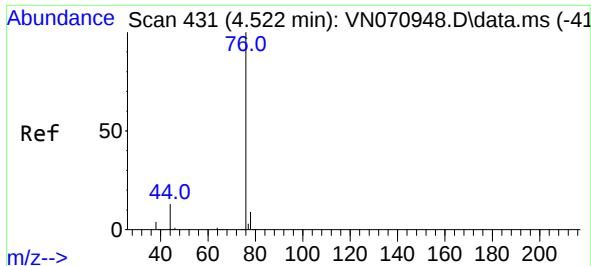
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 252.917 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

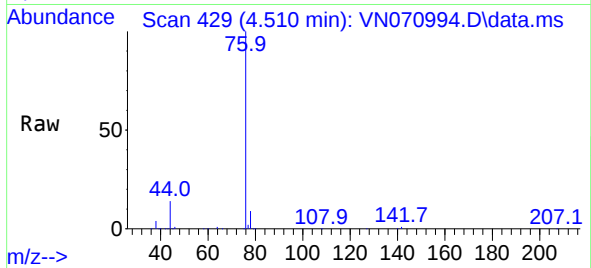
Tgt Ion: 43 Resp: 994836
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7





#17
Carbon Disulfide
Concen: 44.803 ug/l
RT: 4.510 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

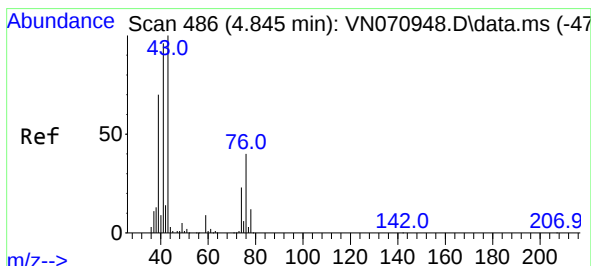
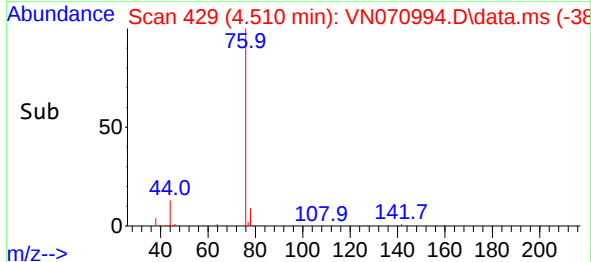
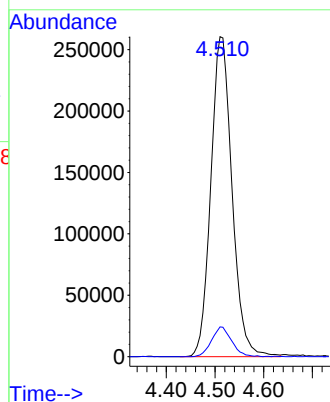
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 76 Resp: 786462
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

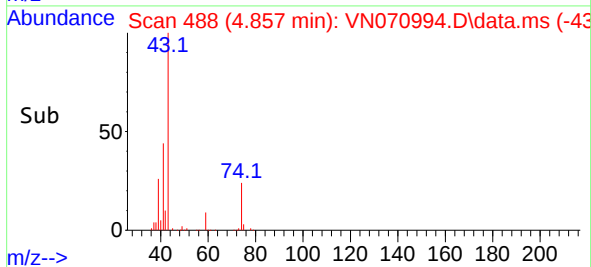
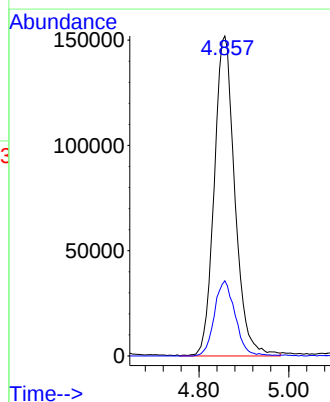
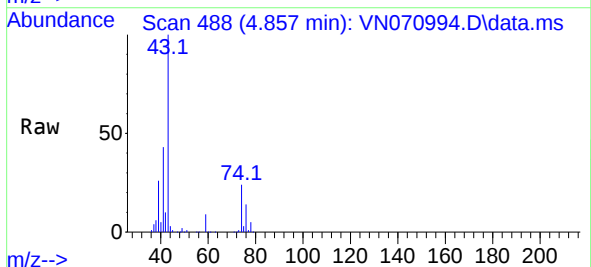
Manual Integrations
APPROVED

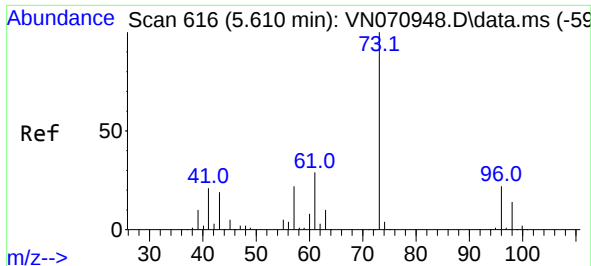
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#18
Methyl Acetate
Concen: 56.611 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

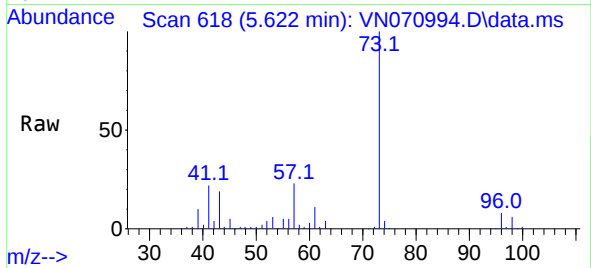
Tgt Ion: 43 Resp: 486891
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.490 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

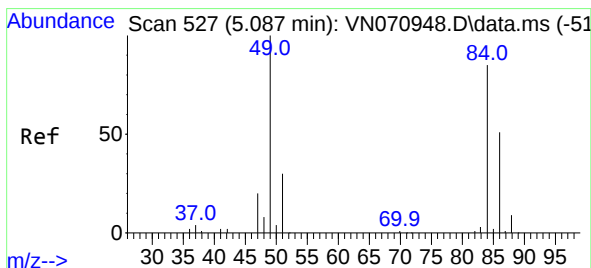
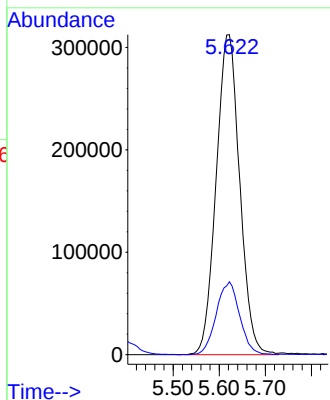
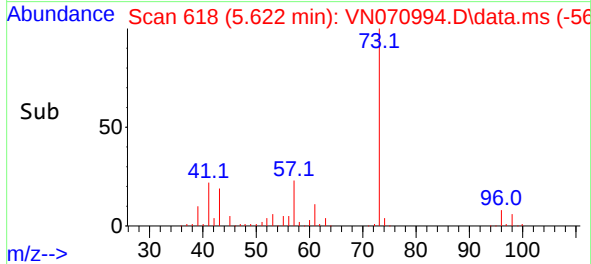
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 73 Resp: 110561
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

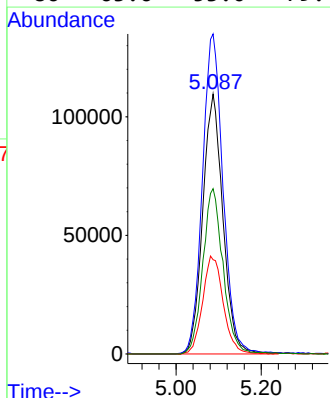
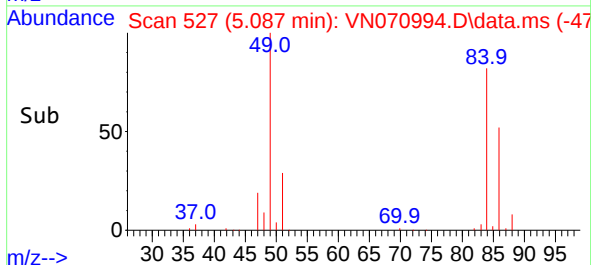
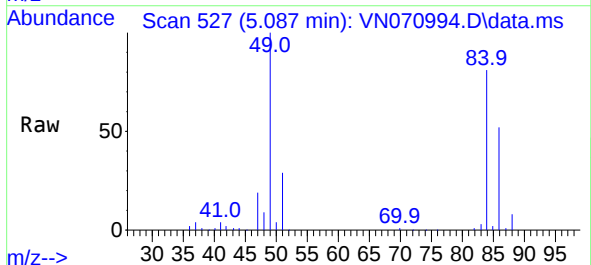
Manual Integrations
APPROVED

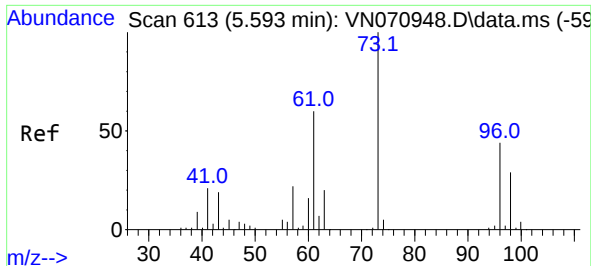
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#20
Methylene Chloride
Concen: 50.476 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

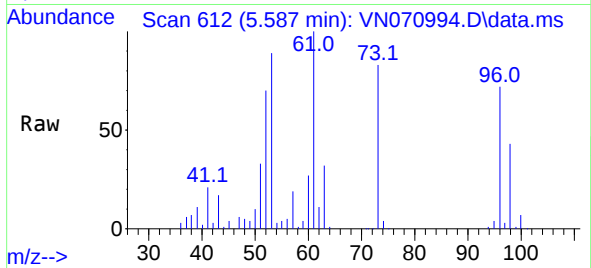
Tgt Ion: 84 Resp: 360837
Ion Ratio Lower Upper
84 100
49 122.9 93.5 140.3
51 36.3 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.002 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

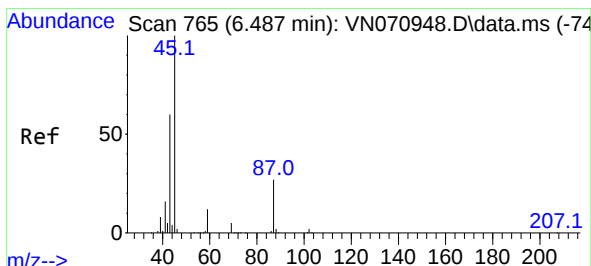
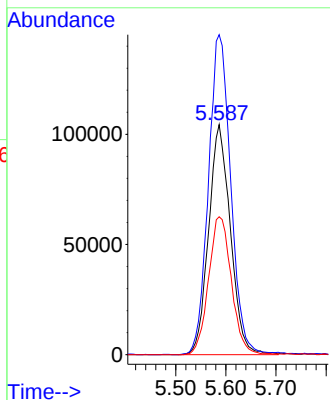
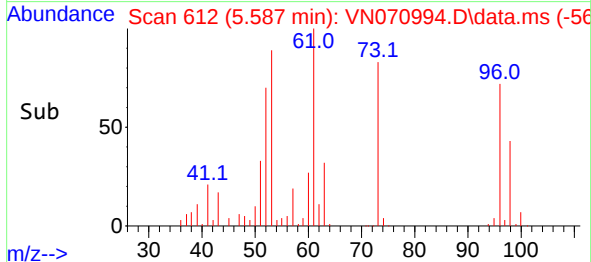
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



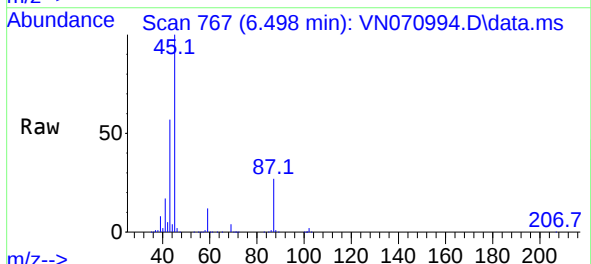
Tgt Ion: 96 Resp: 31537
Ion Ratio Lower Upper
96 100
61 139.1 105.8 158.6
98 60.0 52.0 78.0

Manual Integrations
APPROVED

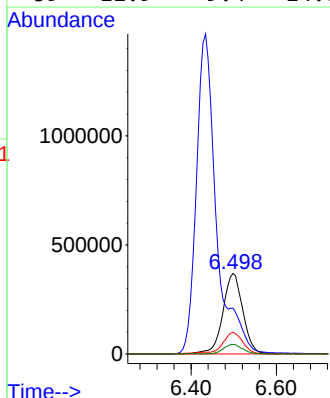
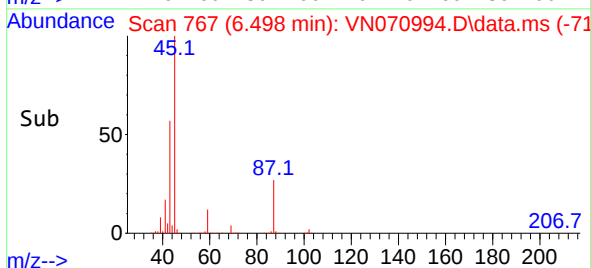
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

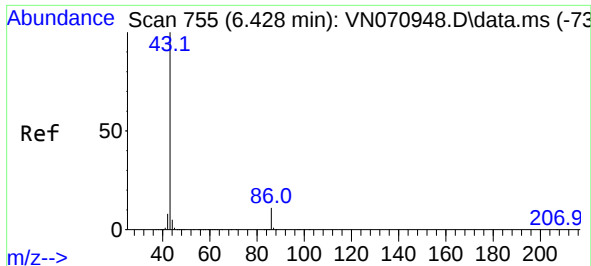


#22
Diisopropyl ether
Concen: 53.828 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



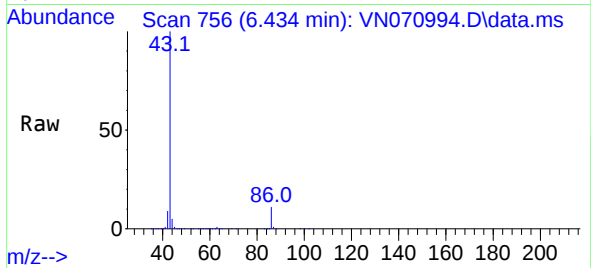
Tgt Ion: 45 Resp: 1205218
Ion Ratio Lower Upper
45 100
43 56.0 51.7 77.5
87 26.7 23.2 34.8
59 11.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 252.829 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN070994.D
 Acq: 17 Feb 2022 21:42

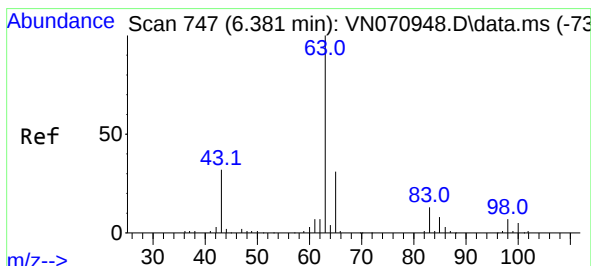
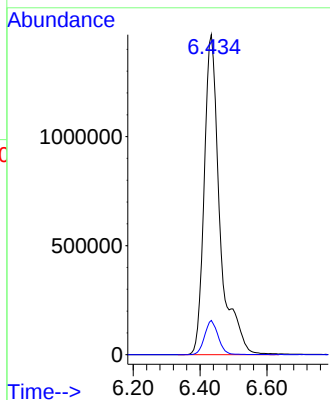
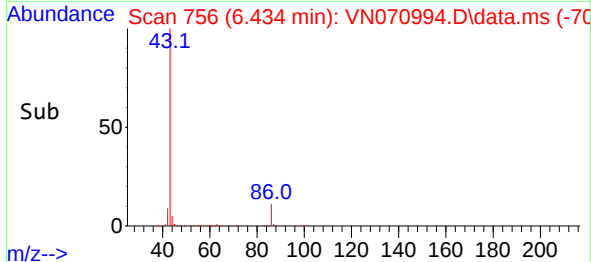
Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20220215MSD



Tgt Ion: 43 Resp: 4792008
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7

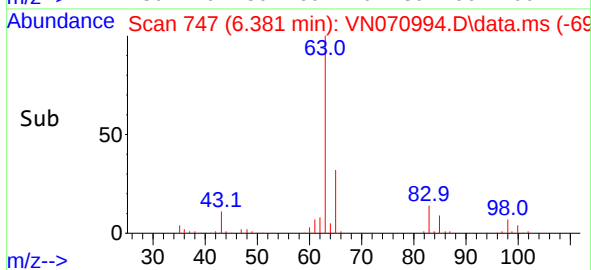
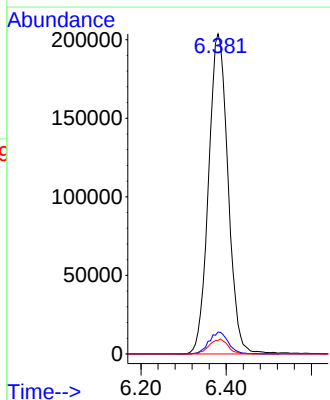
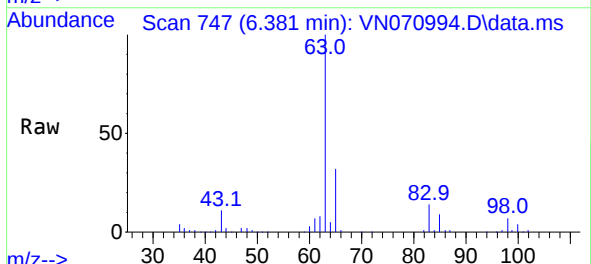
Manual Integrations
 APPROVED

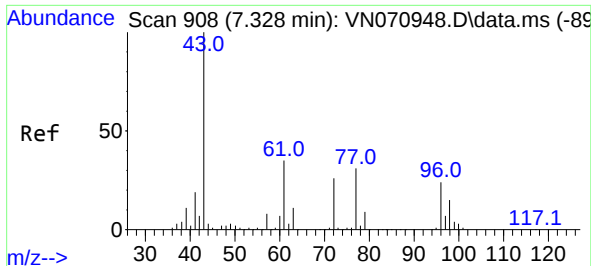
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 51.513 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN070994.D
 Acq: 17 Feb 2022 21:42

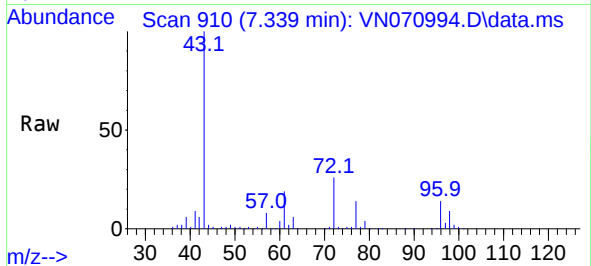
Tgt Ion: 63 Resp: 646563
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 314.349 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

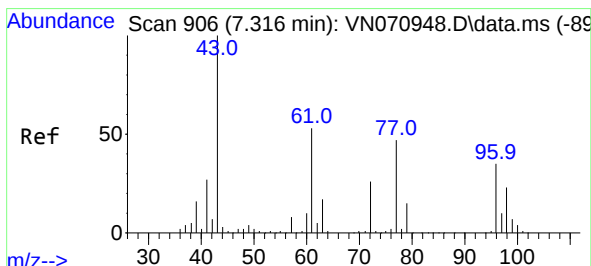
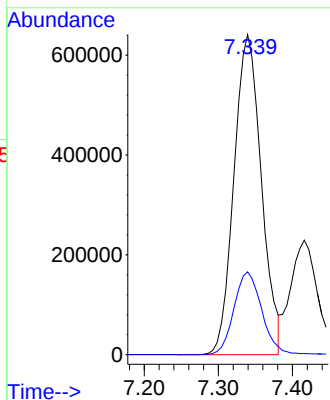
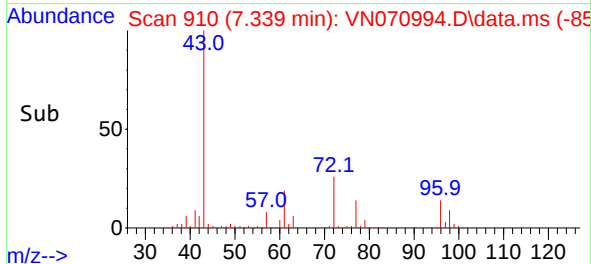
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



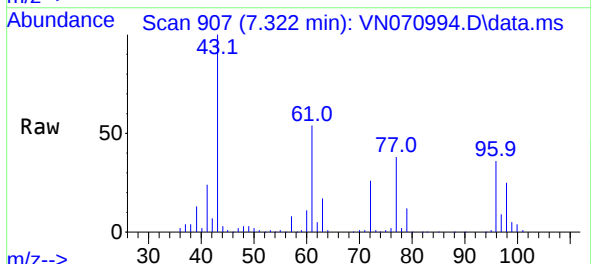
Tgt Ion: 43 Resp: 164486
Ion Ratio Lower Upper
43 100
72 25.9 21.7 32.5

Manual Integrations
APPROVED

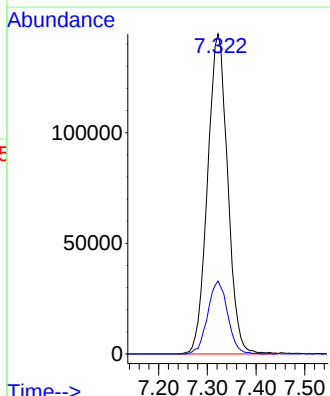
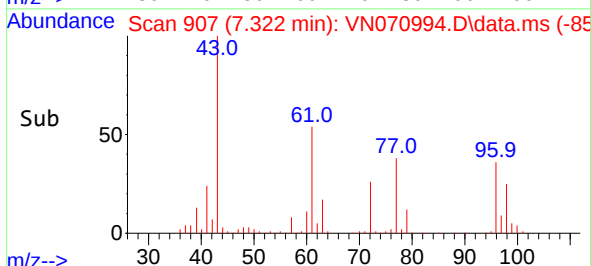
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#26
2,2-Dichloropropane
Concen: 39.702 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



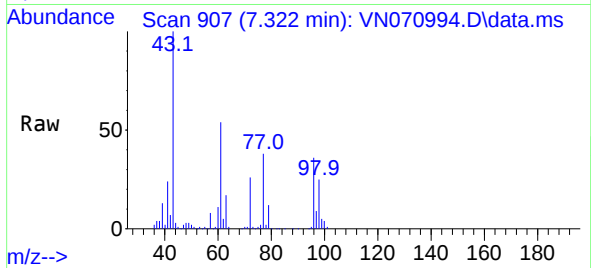
Tgt Ion: 77 Resp: 414158
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 50.311 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

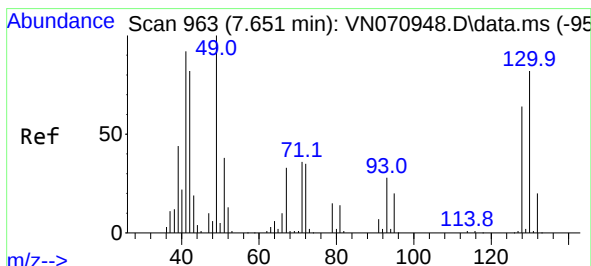
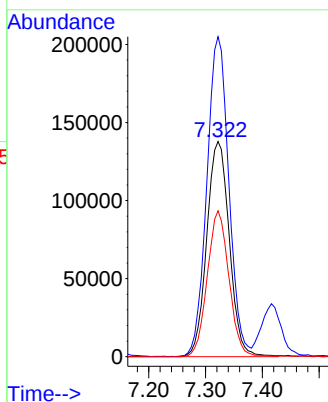
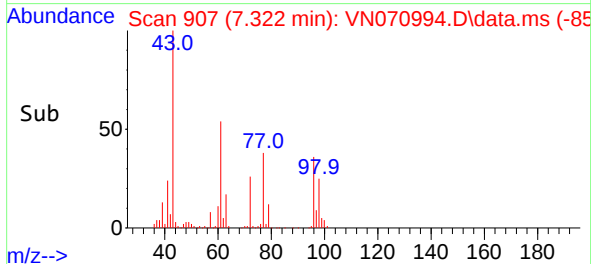
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 96 Resp: 379908
Ion Ratio Lower Upper
96 100
61 145.1 0.0 275.0
98 65.1 0.0 129.6

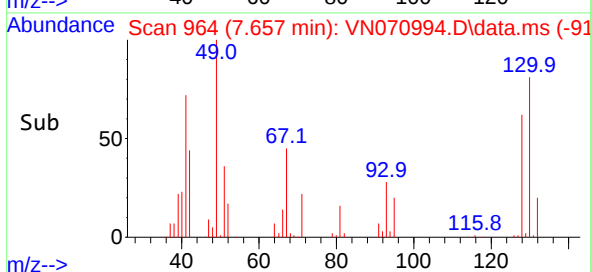
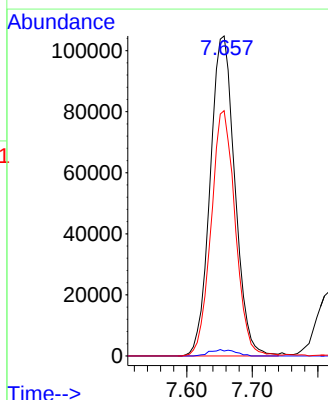
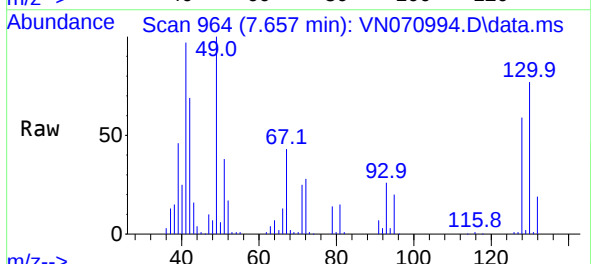
Manual Integrations
APPROVED

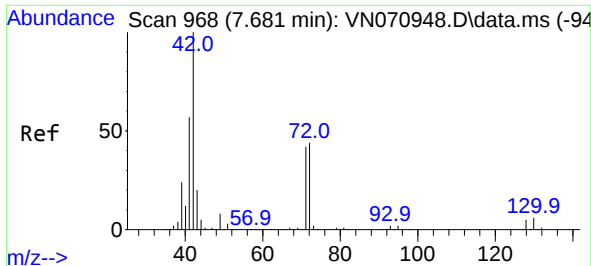
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
Bromochloromethane
Concen: 54.013 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

Tgt Ion: 49 Resp: 274392
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 74.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 333.316 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN070994.D

Acq: 17 Feb 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

GR-OF-20220215MSD

Tgt Ion: 42 Resp: 112986

Ion Ratio Lower Upper

42 100

72 41.1 36.3 54.5

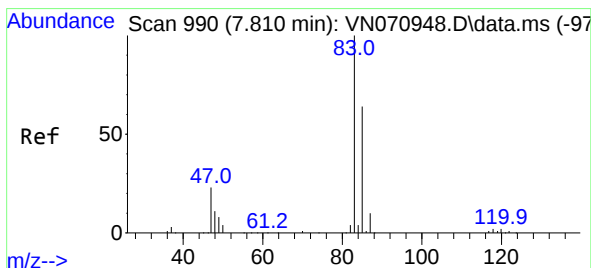
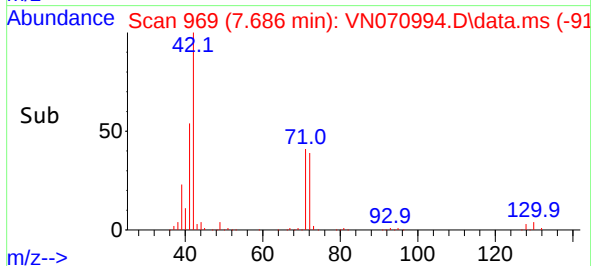
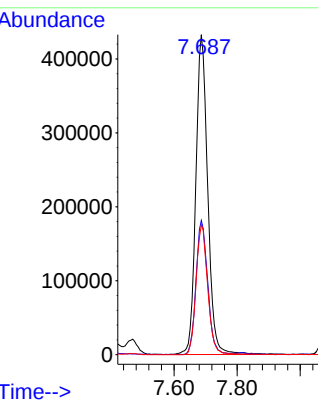
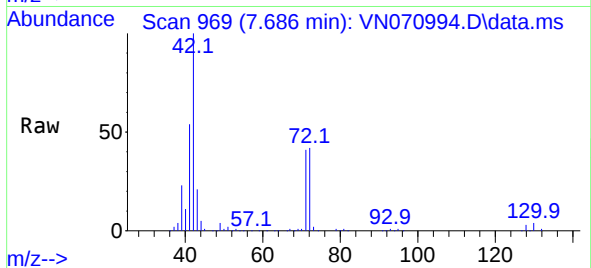
71 39.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 50.832 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN070994.D

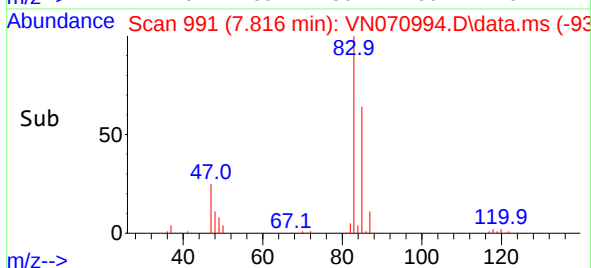
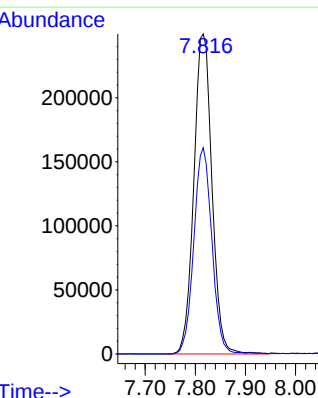
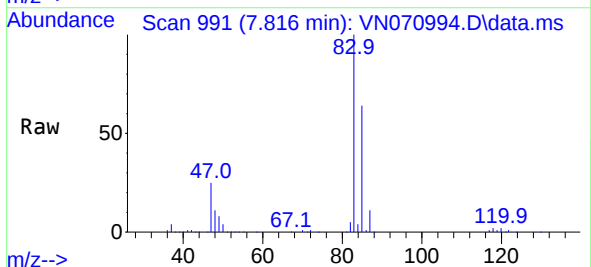
Acq: 17 Feb 2022 21:42

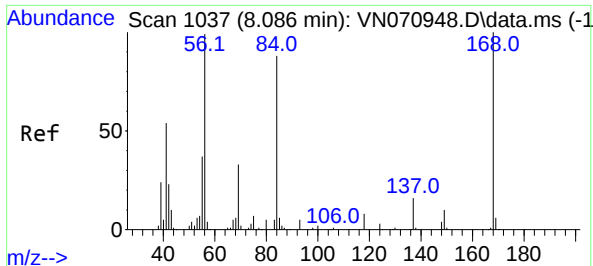
Tgt Ion: 83 Resp: 627511

Ion Ratio Lower Upper

83 100

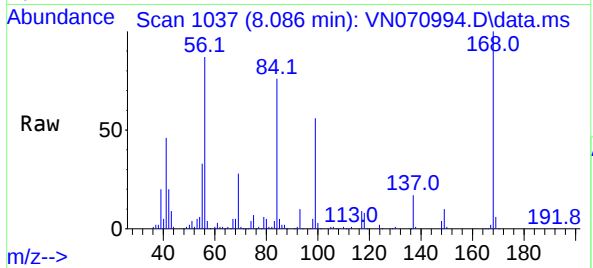
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 47.742 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

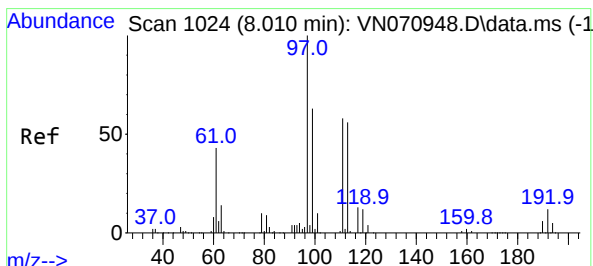
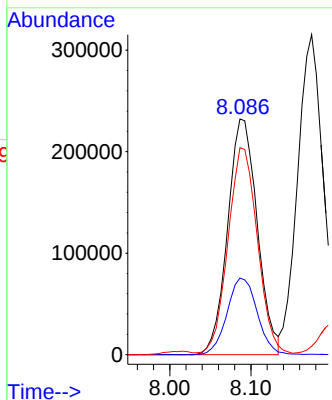
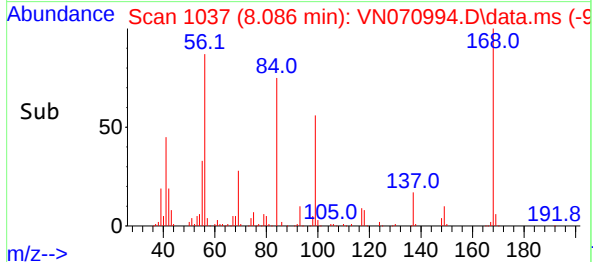
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



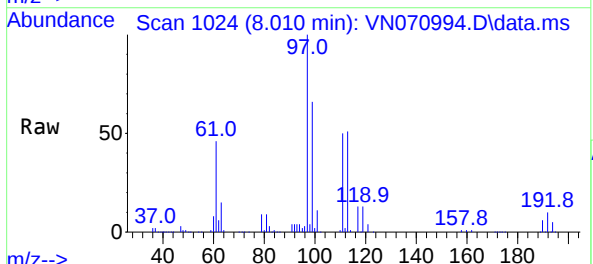
Tgt Ion: 56 Resp: 589728
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 86.6 73.4 110.0

Manual Integrations
APPROVED

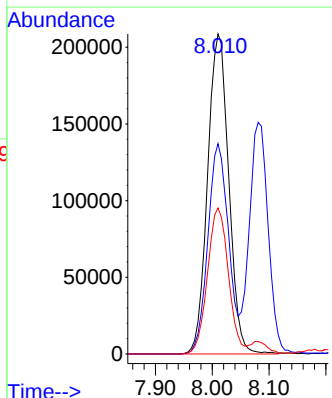
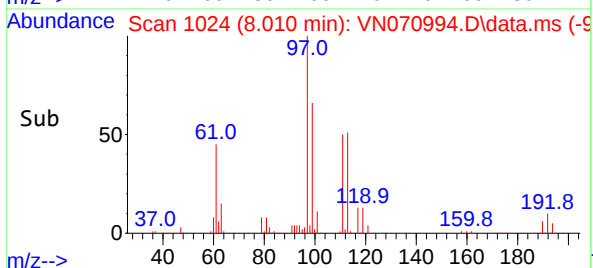
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

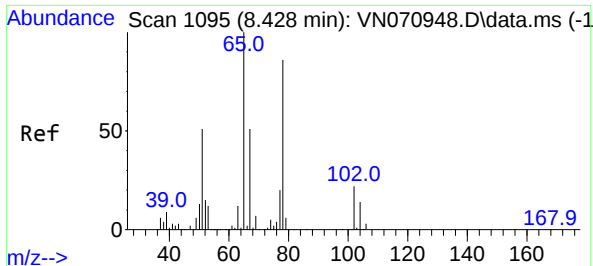


#32
1,1,1-Trichloroethane
Concen: 50.548 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



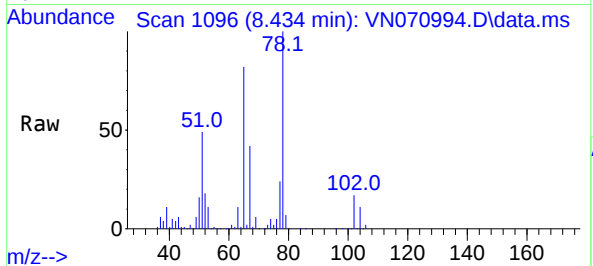
Tgt Ion: 97 Resp: 538886
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 45.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 51.238 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

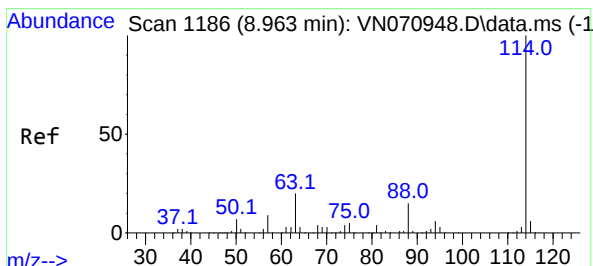
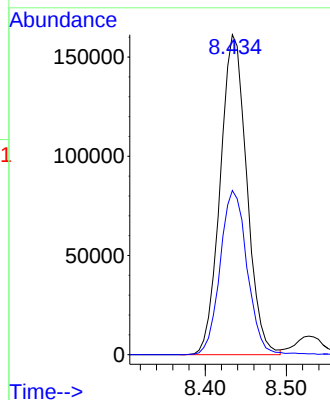
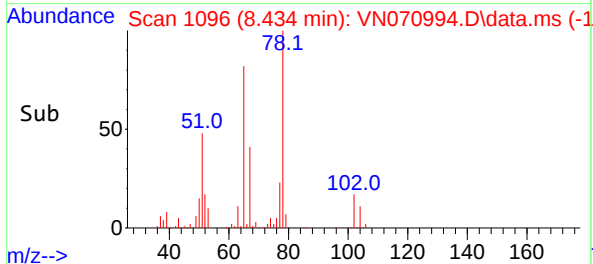
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



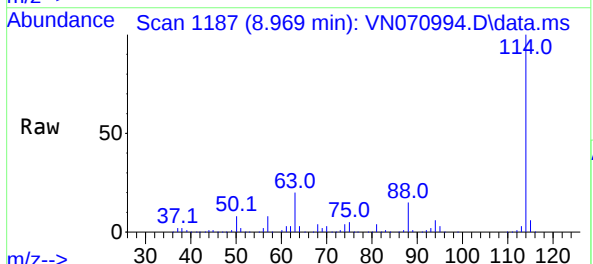
Tgt Ion: 65 Resp: 365962
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

Manual Integrations
APPROVED

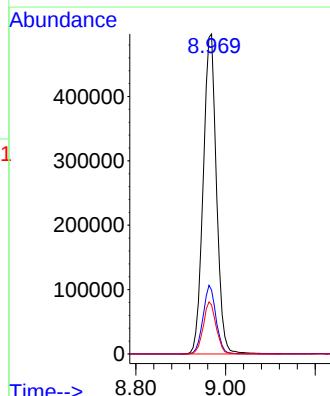
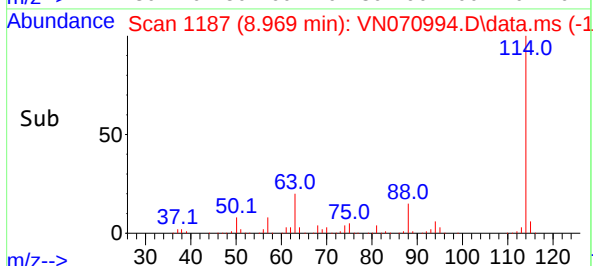
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

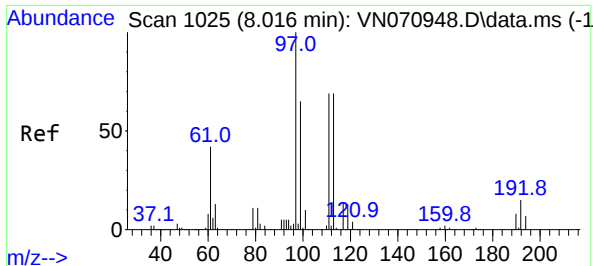


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



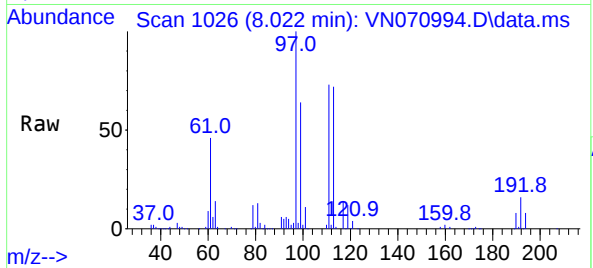
Tgt Ion:114 Resp: 1018316
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.8
88 15.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.194 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

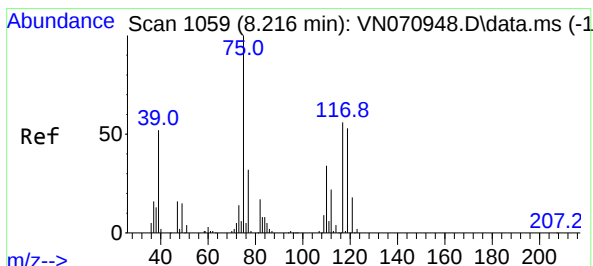
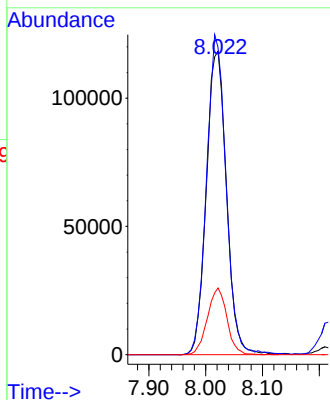
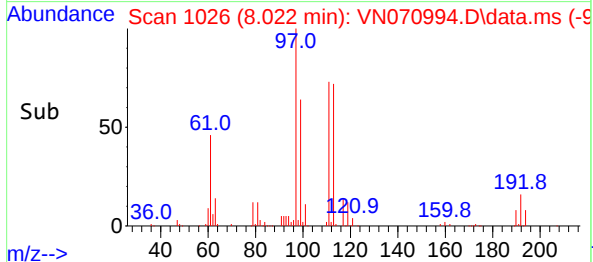
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



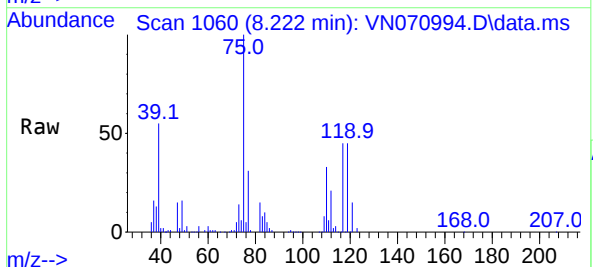
Tgt Ion: 113 Resp: 291908
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.2 16.9 25.3

Manual Integrations
APPROVED

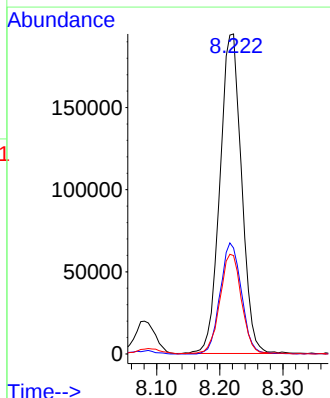
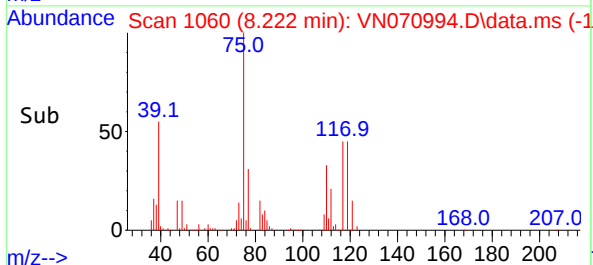
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

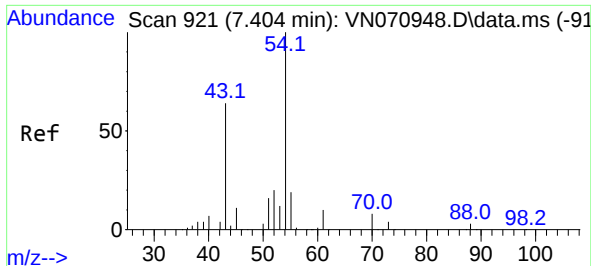


#36
1,1-Dichloropropene
Concen: 46.633 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



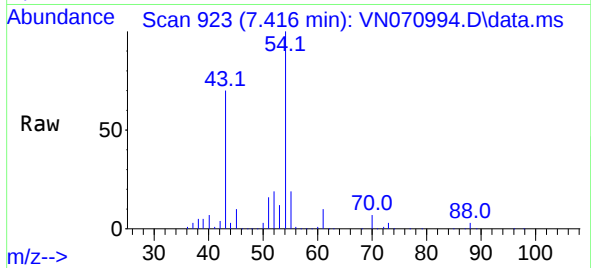
Tgt Ion: 75 Resp: 462759
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.6 24.4 36.6





#37
Ethyl Acetate
Concen: 54.427 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

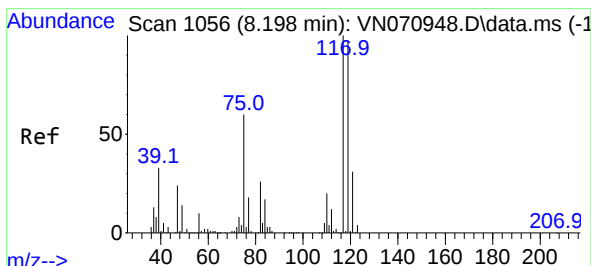
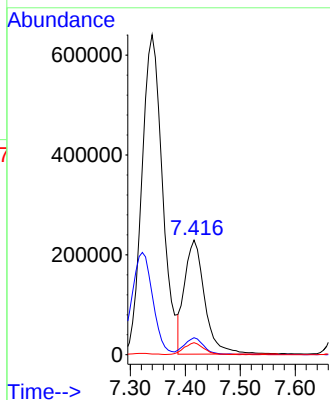
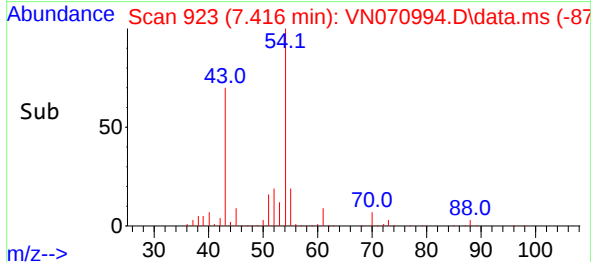
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 43 Resp: 579238
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 10.3 7.9 11.9

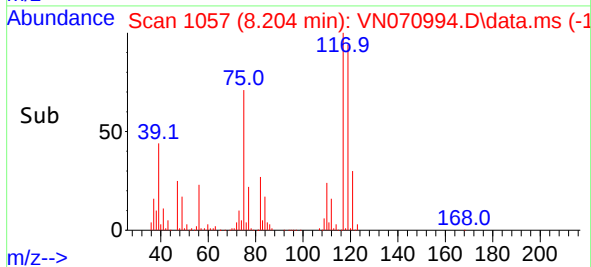
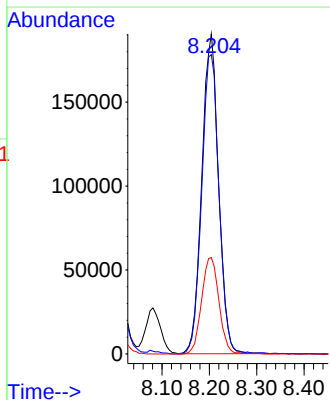
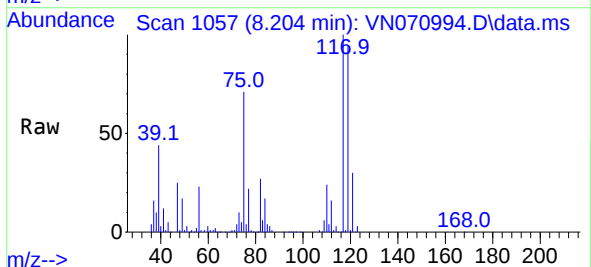
Manual Integrations
APPROVED

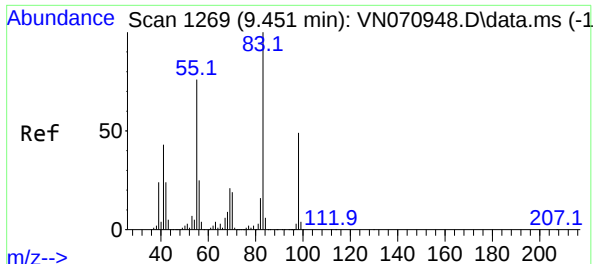
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Carbon Tetrachloride
Concen: 47.826 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

Tgt Ion:117 Resp: 467613
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 43.837 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN070994.D

Acq: 17 Feb 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

GR-OF-20220215MSD

Tgt Ion: 83 Resp: 55975

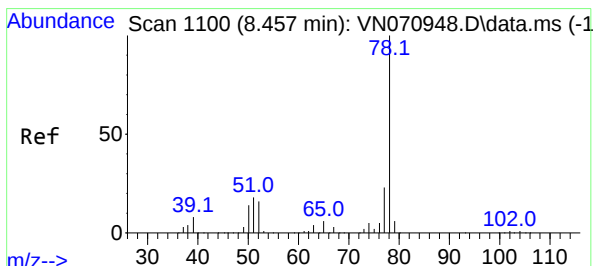
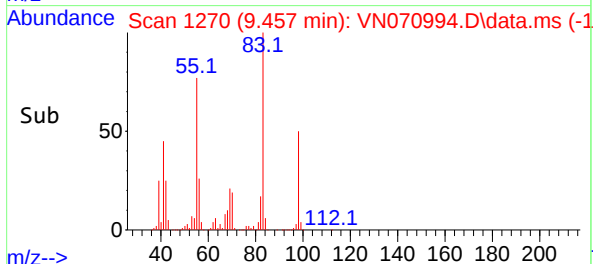
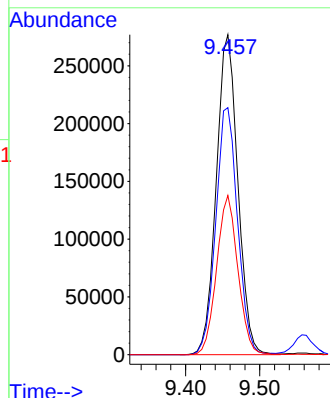
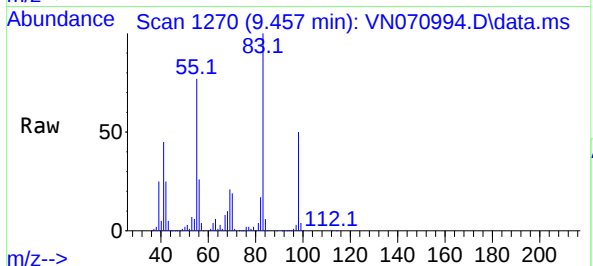
Ion	Ratio	Lower	Upper
83	100		
55	77.2	58.1	87.1
98	49.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 49.240 ug/l

RT: 8.457 min Scan# 1100

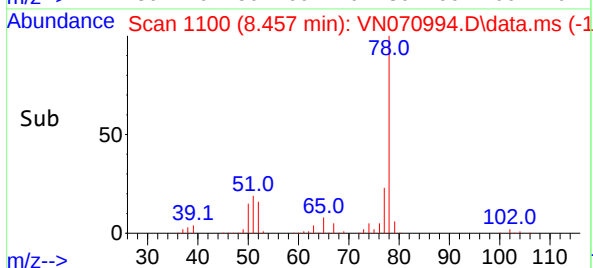
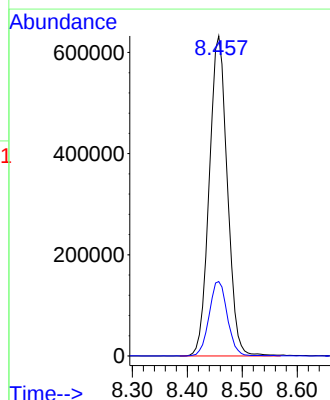
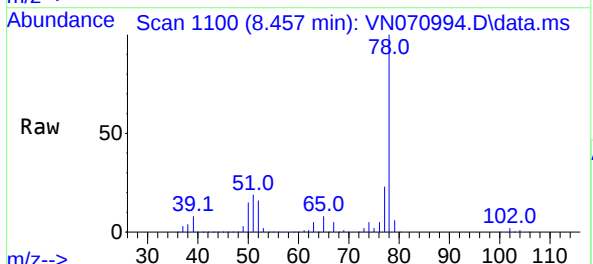
Delta R.T. 0.000 min

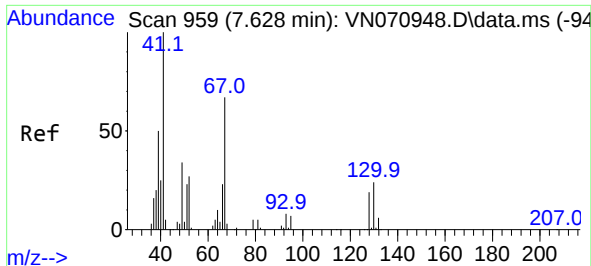
Lab File: VN070994.D

Acq: 17 Feb 2022 21:42

Tgt Ion: 78 Resp: 1445356

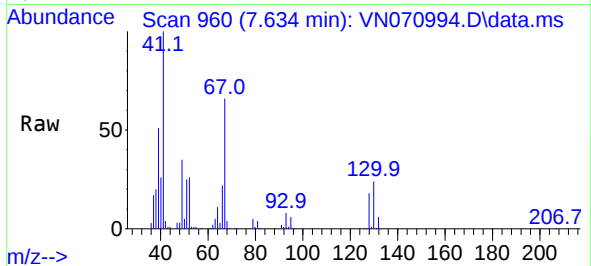
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





#41
Methacrylonitrile
Concen: 60.063 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

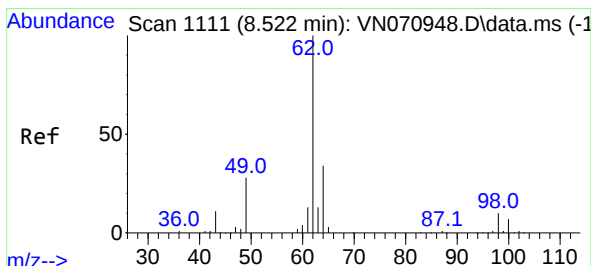
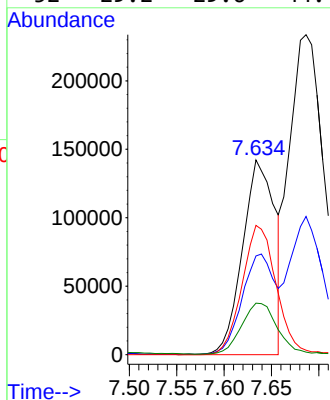
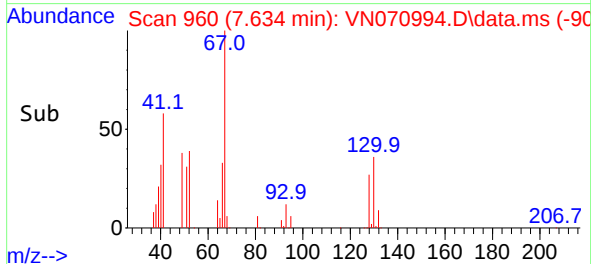
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 41 Resp: 33666
Ion Ratio Lower Upper
41 100
39 52.1 48.1 72.1
67 71.1 68.3 102.5
52 29.2 29.6 44.4#

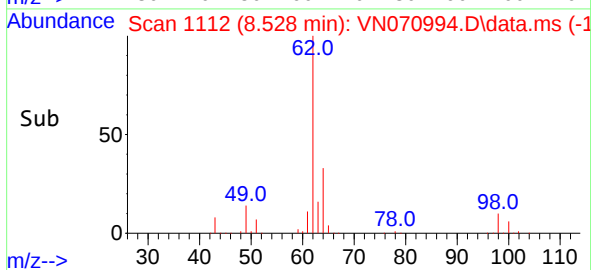
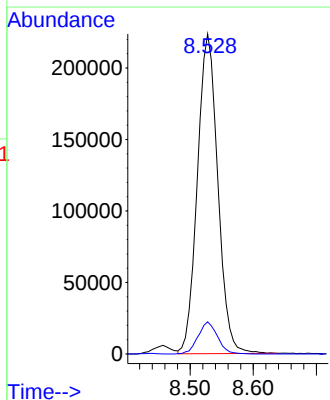
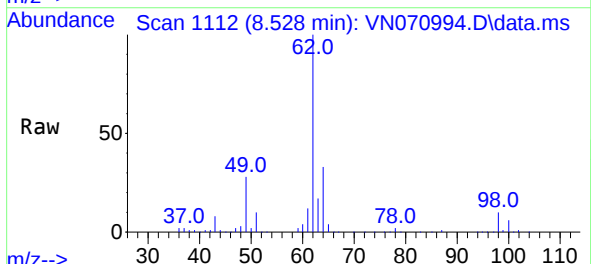
Manual Integrations
APPROVED

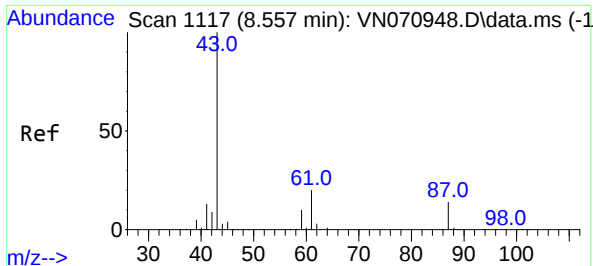
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 50.224 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

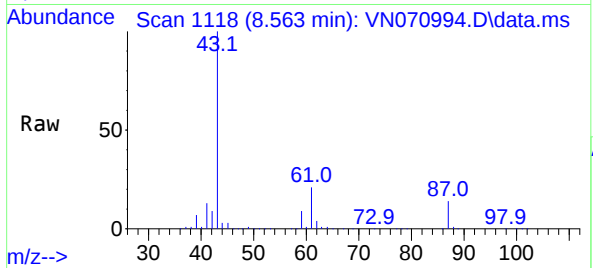
Tgt Ion: 62 Resp: 502092
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.670 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

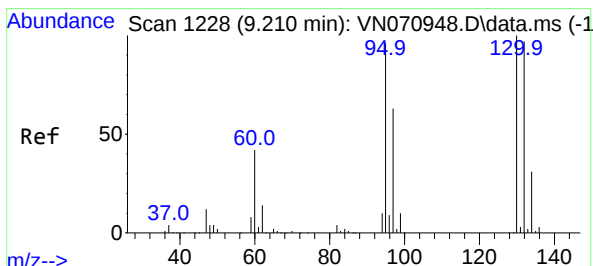
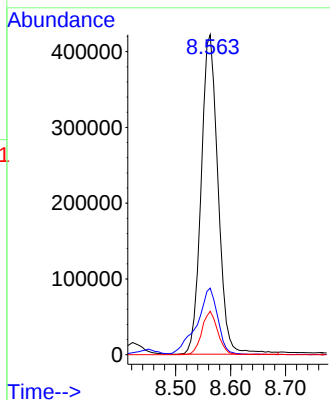
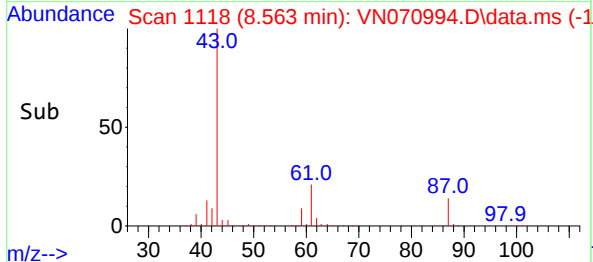
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



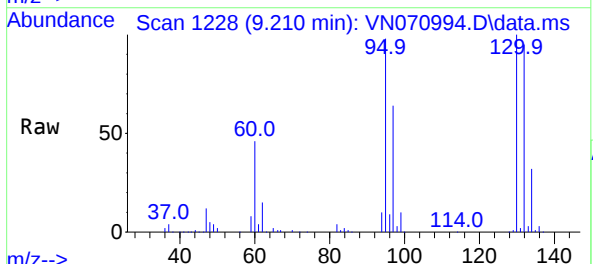
Tgt Ion: 43 Resp: 90030
Ion Ratio Lower Upper
43 100
61 25.6 20.4 30.6
87 12.8 11.2 16.8

Manual Integrations
APPROVED

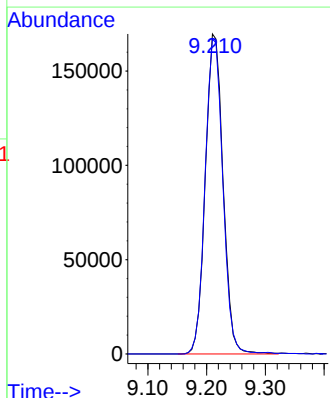
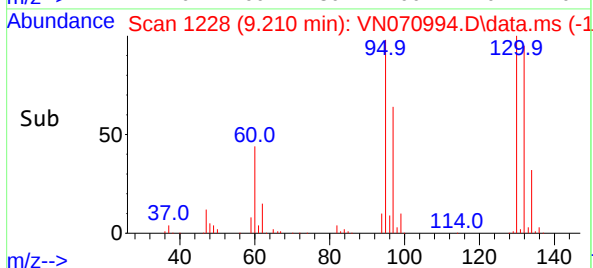
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

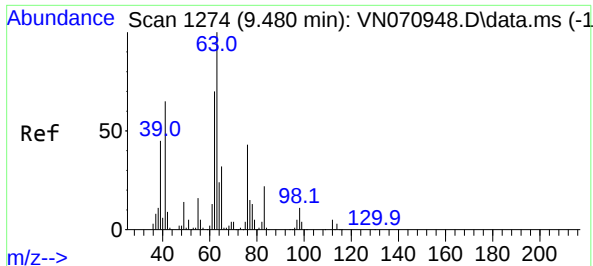


#44
Trichloroethene
Concen: 45.844 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



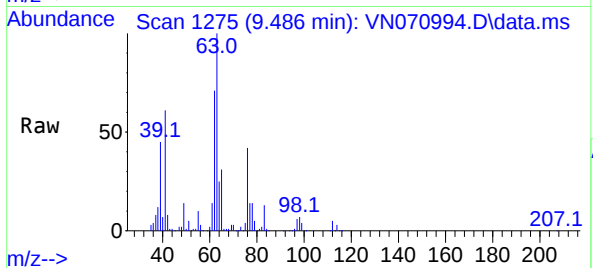
Tgt Ion:130 Resp: 354354
Ion Ratio Lower Upper
130 100
95 98.3 0.0 191.2





#45
1,2-Dichloropropane
Concen: 51.147 ug/l
RT: 9.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

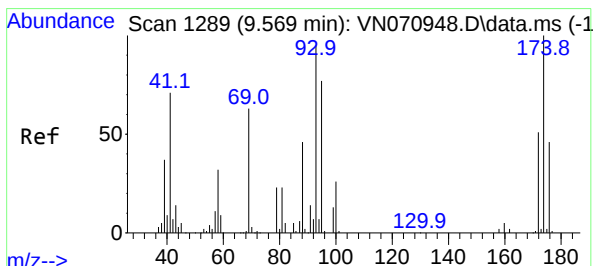
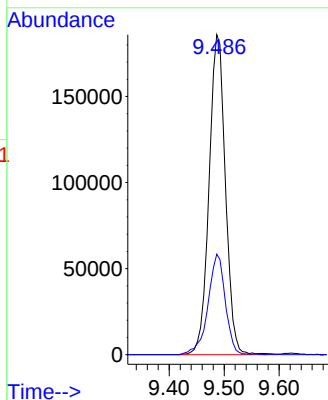
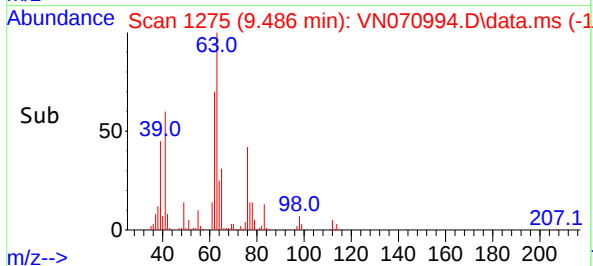
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



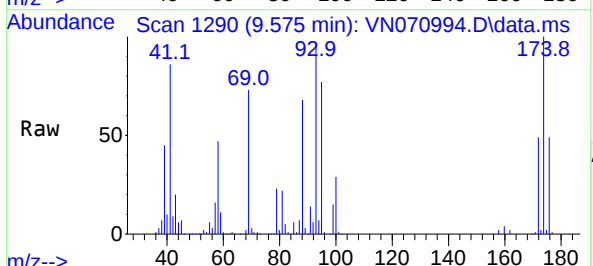
Tgt Ion: 63 Resp: 384569
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1

Manual Integrations
APPROVED

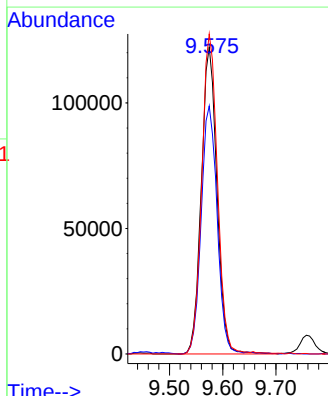
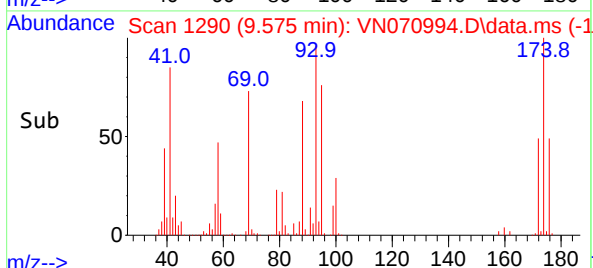
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

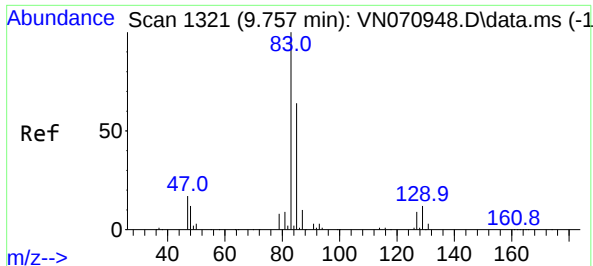


#46
Dibromomethane
Concen: 50.409 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



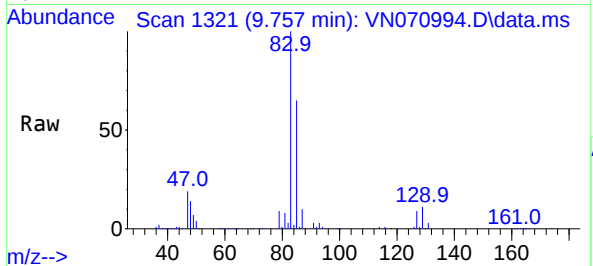
Tgt Ion: 93 Resp: 249431
Ion Ratio Lower Upper
93 100
95 82.3 65.9 98.9
174 104.2 84.6 127.0





#47
Bromodichloromethane
Concen: 48.813 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

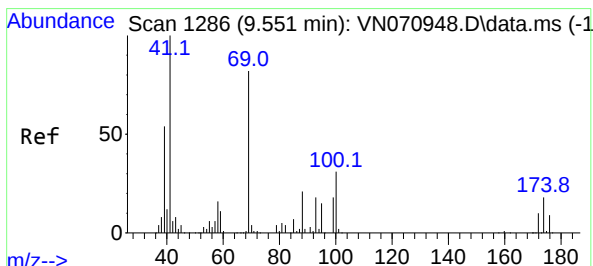
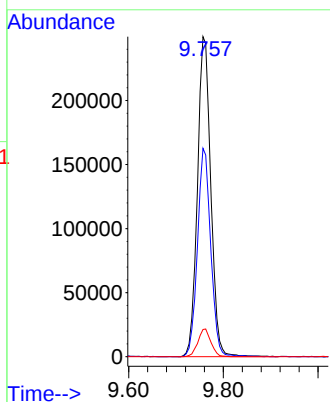
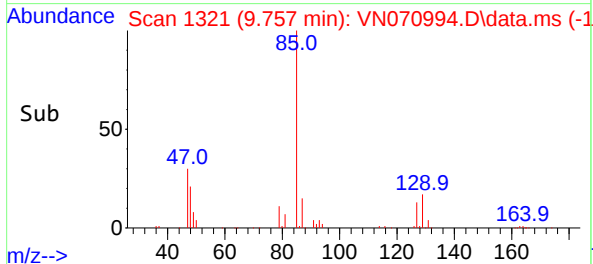
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



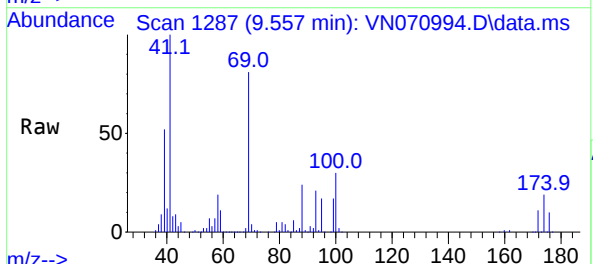
Tgt Ion: 83 Resp: 48815
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 8.5 7.1 10.7

Manual Integrations
APPROVED

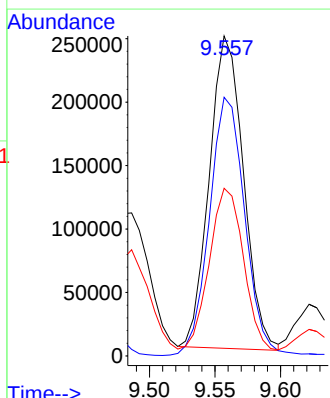
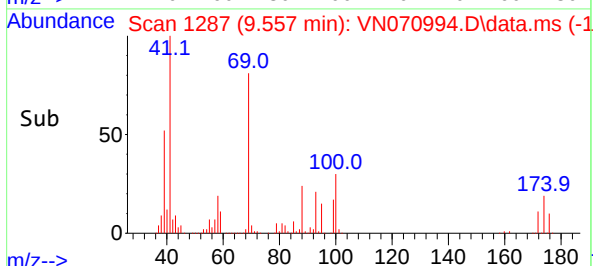
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

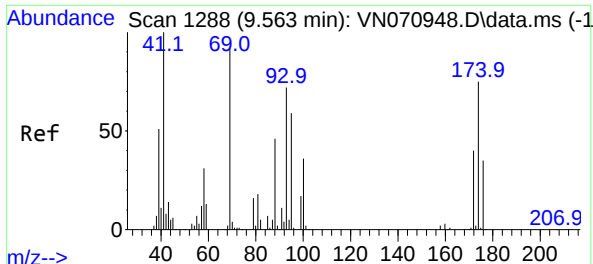


#48
Methyl methacrylate
Concen: 56.081 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



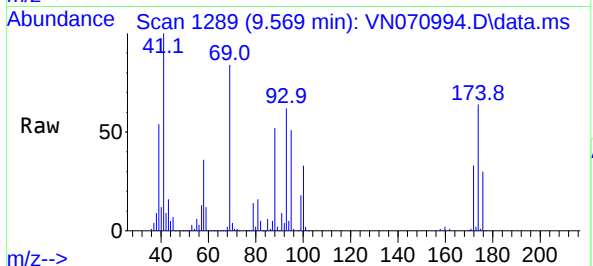
Tgt Ion: 41 Resp: 445285
Ion Ratio Lower Upper
41 100
69 86.5 72.4 108.6
39 56.2 58.4 87.6#





#49
1,4-Dioxane
Concen: 1384.446 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

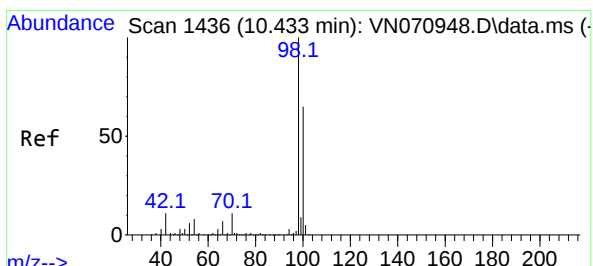
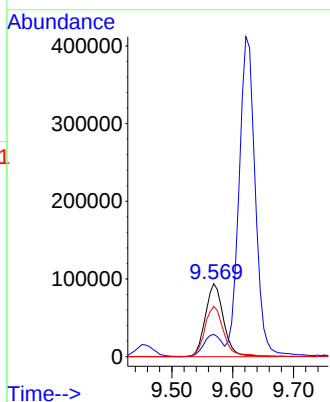
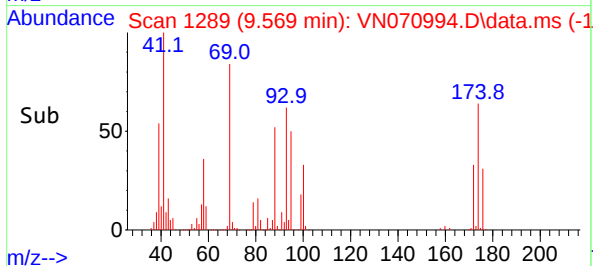
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 88 Resp: 19524
Ion Ratio Lower Upper
88 100
43 29.3 23.4 35.2
58 72.2 50.6 75.8

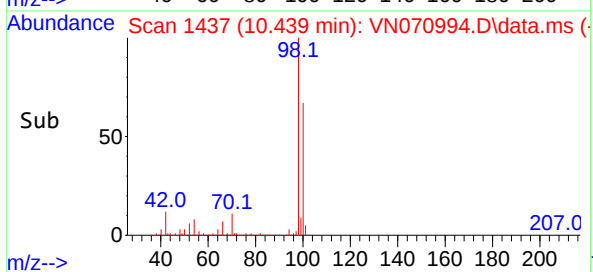
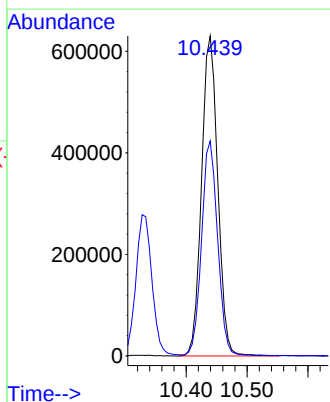
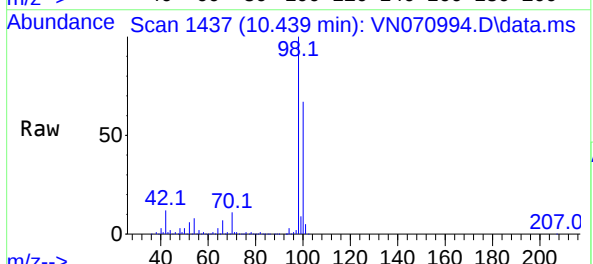
Manual Integrations
APPROVED

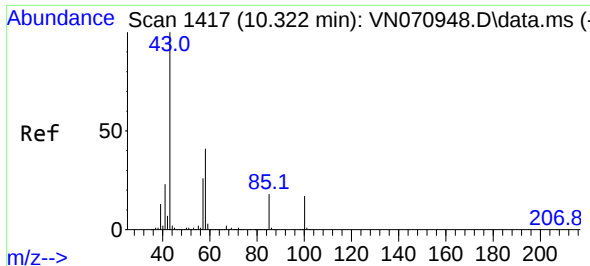
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#50
Toluene-d8
Concen: 48.001 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

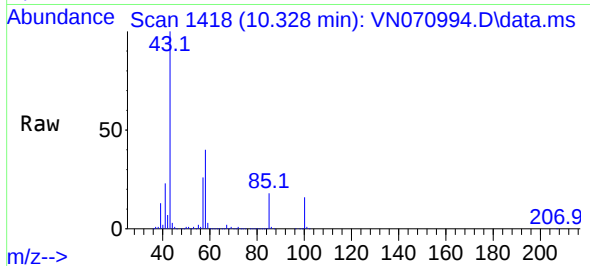
Tgt Ion: 98 Resp: 1167593
Ion Ratio Lower Upper
98 100
100 66.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 317.542 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

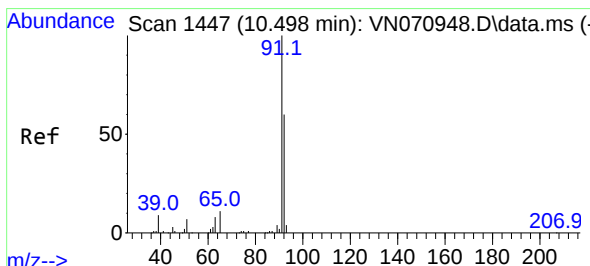
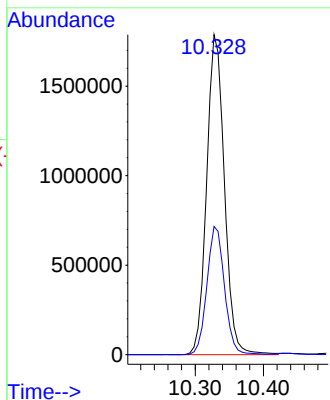
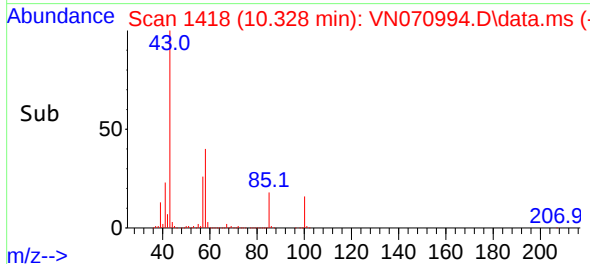
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 43 Resp: 3240898
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6

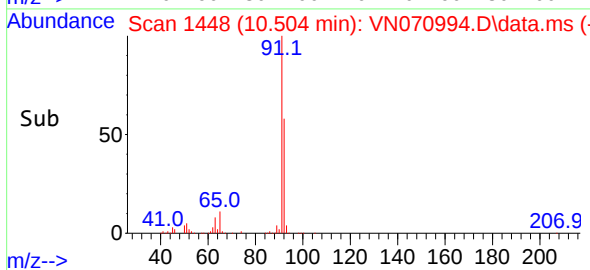
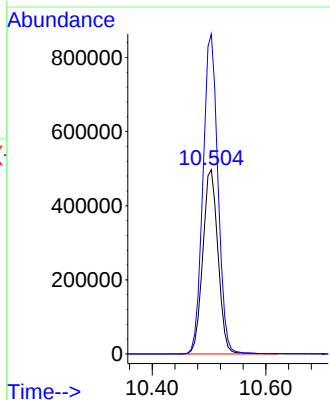
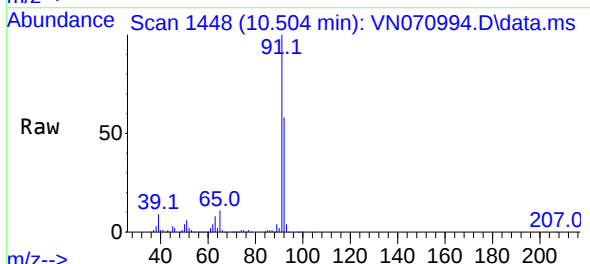
Manual Integrations
APPROVED

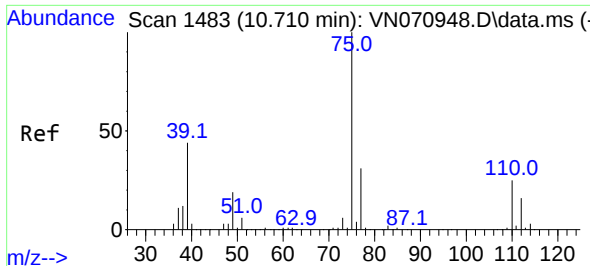
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 49.752 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

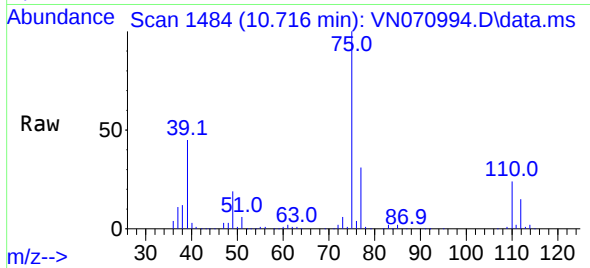
Tgt Ion: 92 Resp: 917660
Ion Ratio Lower Upper
92 100
91 172.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 48.300 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

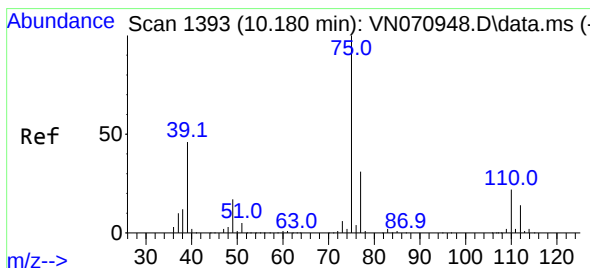
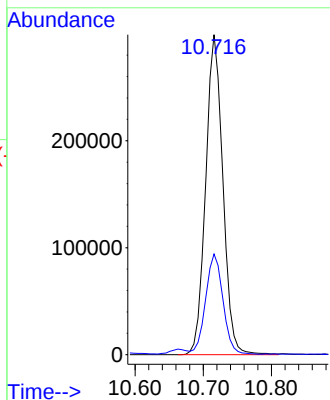
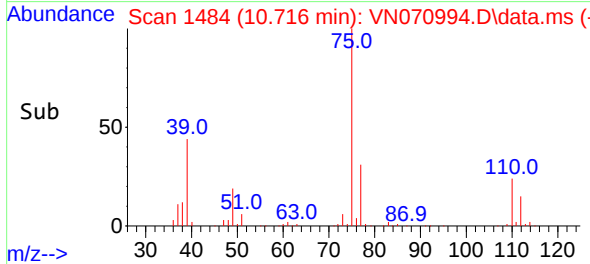
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



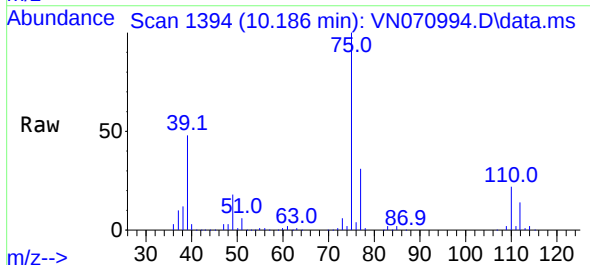
Tgt Ion: 75 Resp: 52522
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

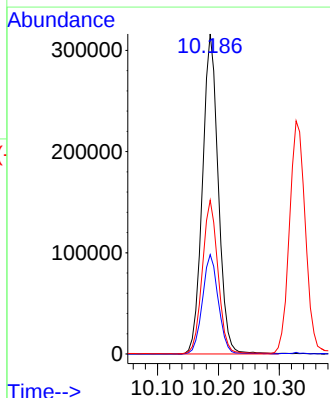
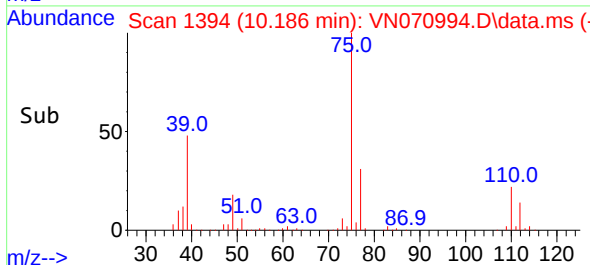
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

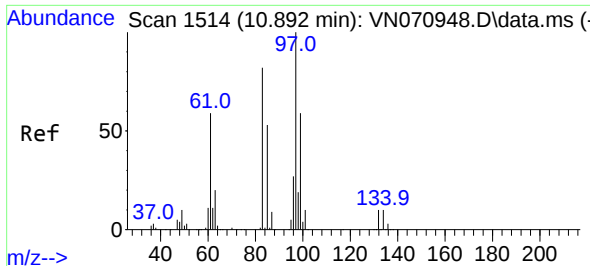


#54
cis-1,3-Dichloropropene
Concen: 47.720 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



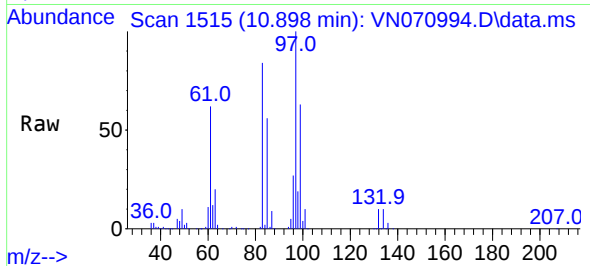
Tgt Ion: 75 Resp: 569869
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 48.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 50.364 ug/l
RT: 10.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

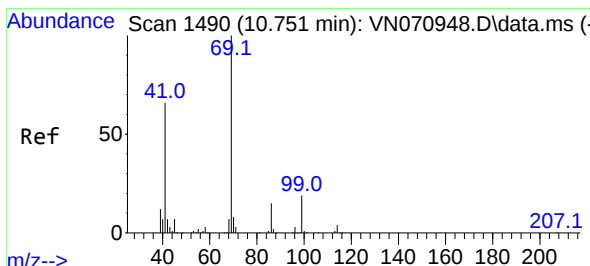
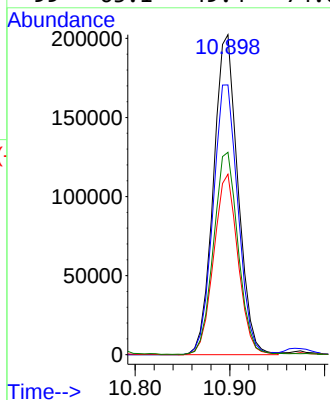
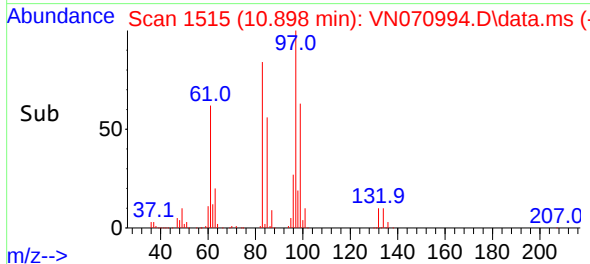
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



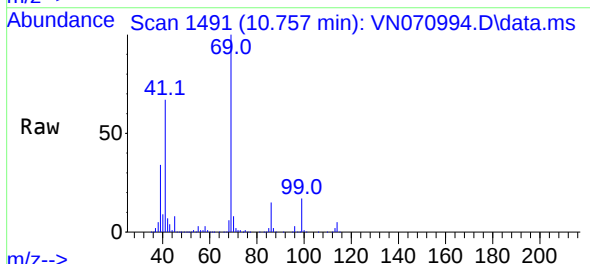
Tgt Ion: 97 Resp: 363620
Ion Ratio Lower Upper
97 100
83 84.3 67.8 101.6
85 56.4 45.4 68.2
99 63.1 49.4 74.0

Manual Integrations
APPROVED

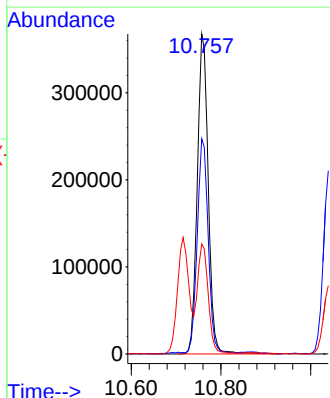
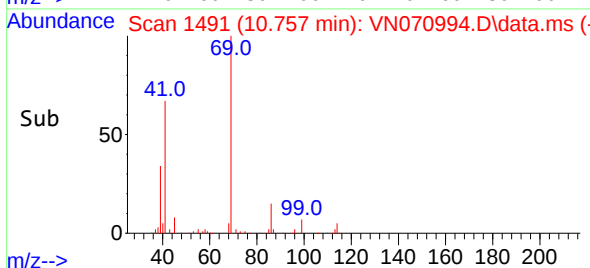
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

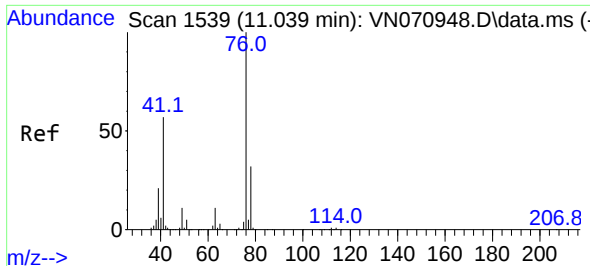


#56
Ethyl methacrylate
Concen: 57.218 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



Tgt Ion: 69 Resp: 622421
Ion Ratio Lower Upper
69 100
41 66.6 51.4 77.0
39 33.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.975 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN070994.D

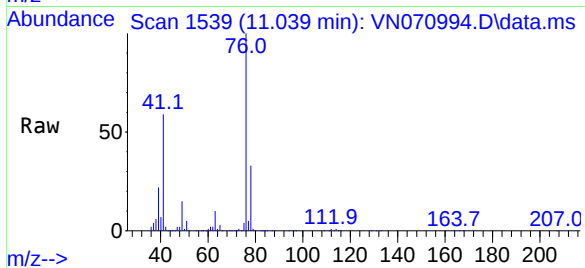
Acq: 17 Feb 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

GR-OF-20220215MSD



Tgt Ion: 76 Resp: 64908

Ion Ratio Lower Upper

76 100

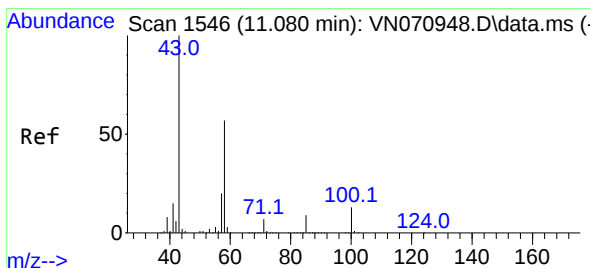
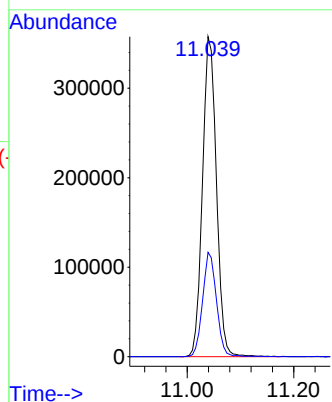
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#59

2-Hexanone

Concen: 339.300 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN070994.D

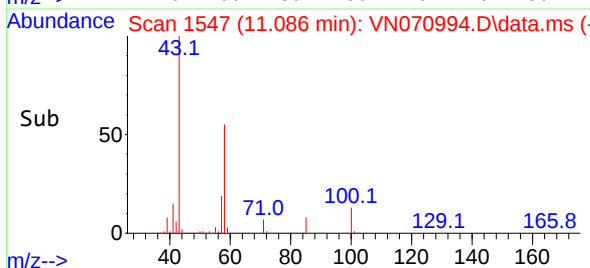
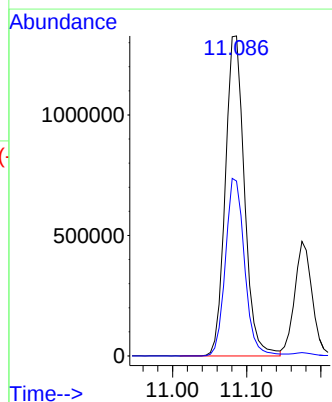
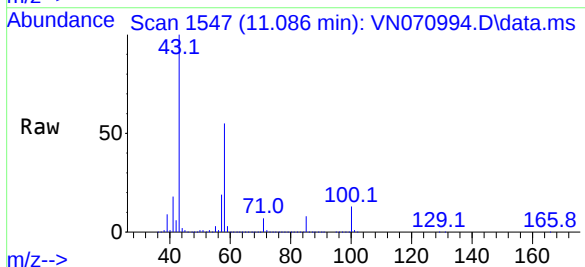
Acq: 17 Feb 2022 21:42

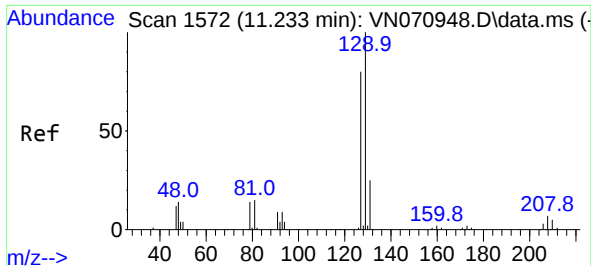
Tgt Ion: 43 Resp: 2381664

Ion Ratio Lower Upper

43 100

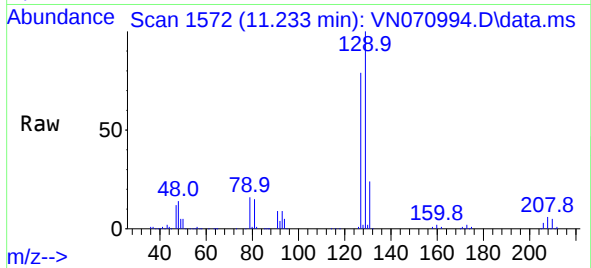
58 55.6 26.9 80.7





#60
Dibromochloromethane
Concen: 50.628 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

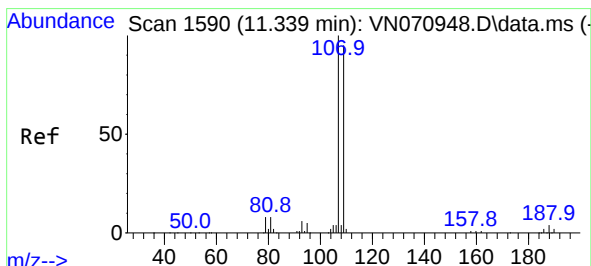
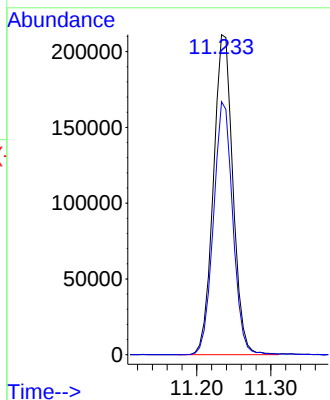
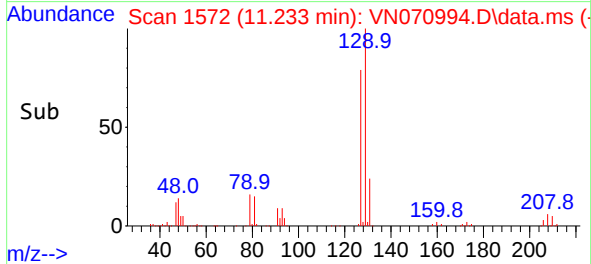
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



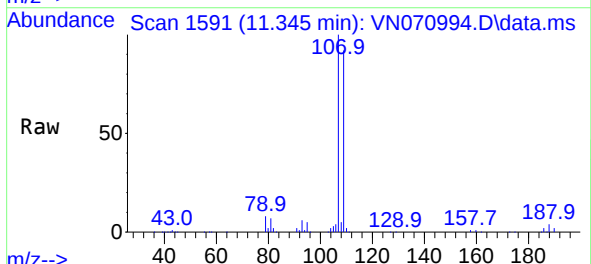
Tgt Ion:129 Resp: 386293
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

Manual Integrations
APPROVED

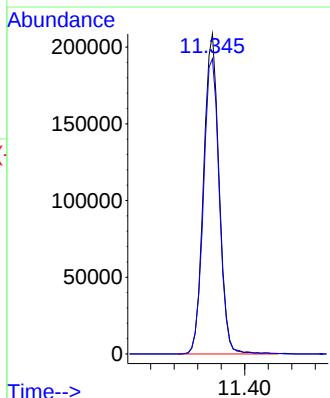
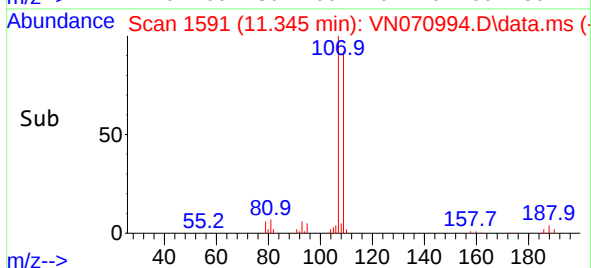
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

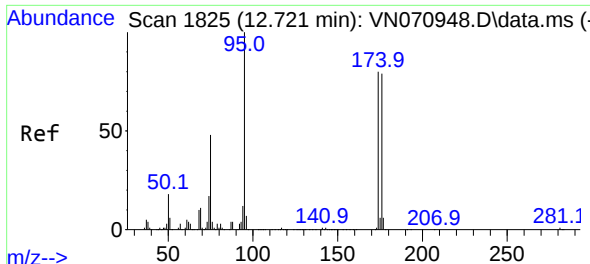


#61
1,2-Dibromoethane
Concen: 51.834 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



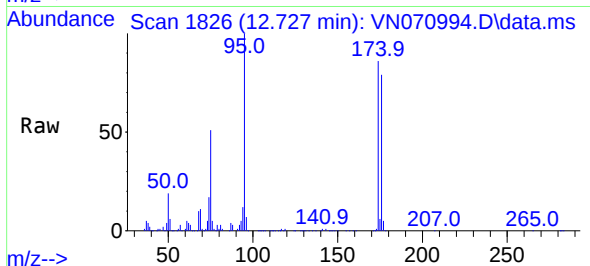
Tgt Ion:107 Resp: 380648
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 46.443 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

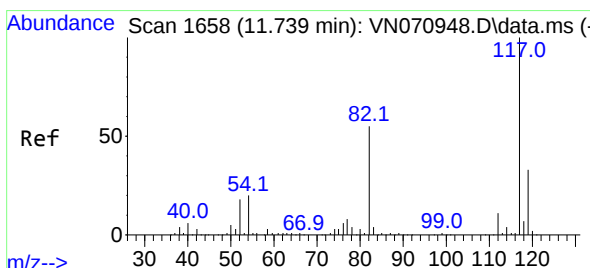
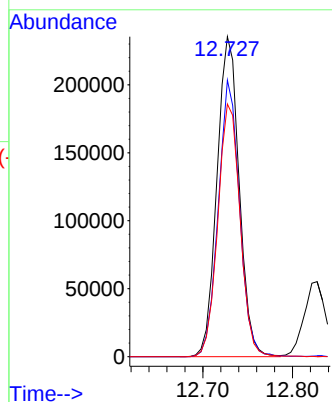
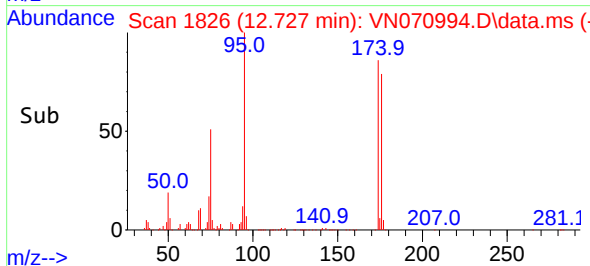
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



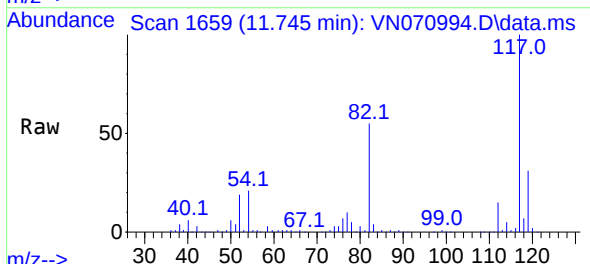
Tgt Ion: 95 Resp: 403799
Ion Ratio Lower Upper
95 100
174 82.9 0.0 187.2
176 79.3 0.0 181.4

Manual Integrations
APPROVED

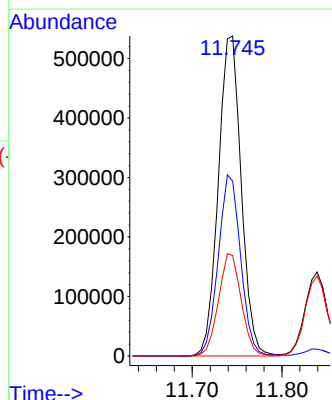
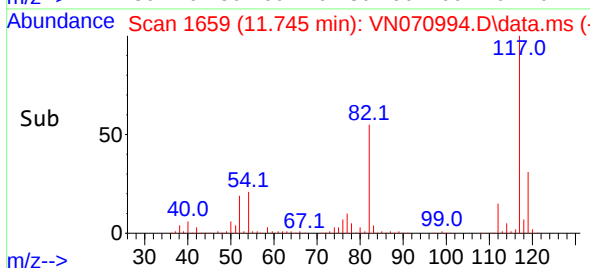
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

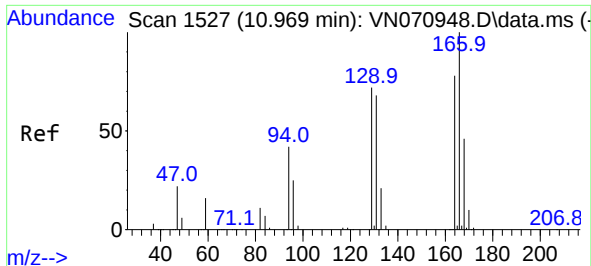


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



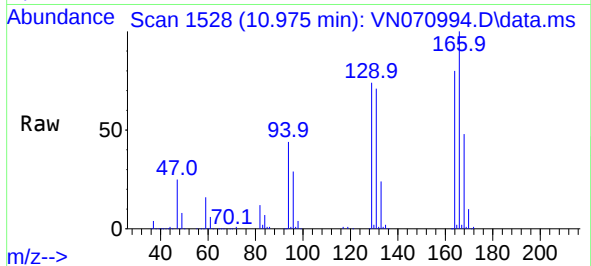
Tgt Ion:117 Resp: 954137
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 31.4 25.4 38.2





#64
Tetrachloroethene
Concen: 41.980 ug/l
RT: 10.975 min Scan# 11194
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

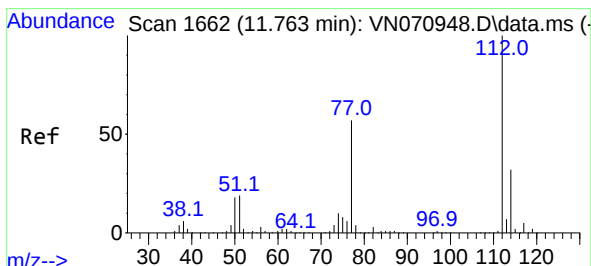
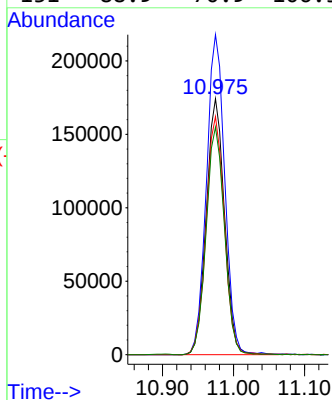
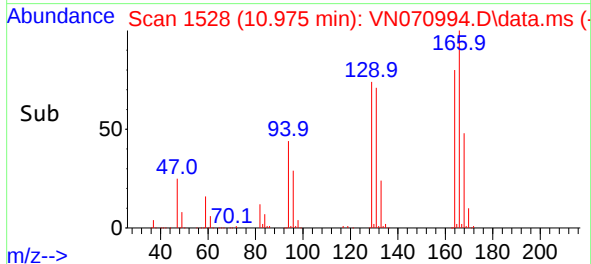
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



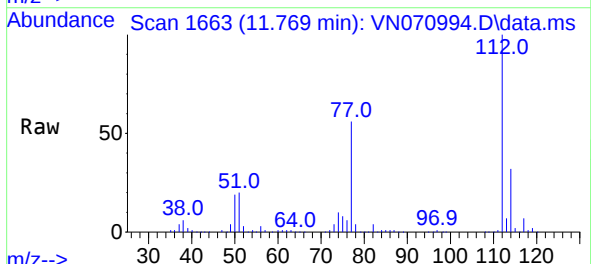
Tgt Ion:164 Resp: 31194
Ion Ratio Lower Upper
164 100
166 125.0 101.9 152.9
129 93.0 72.0 108.0
131 88.9 70.9 106.3

Manual Integrations
APPROVED

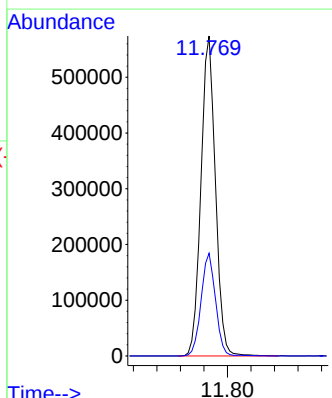
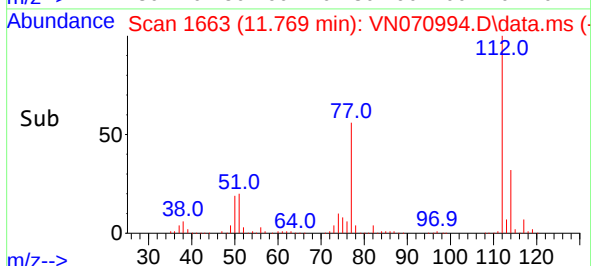
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

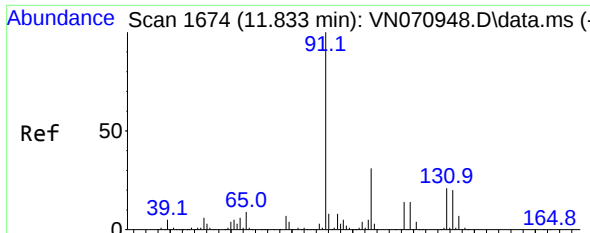


#65
Chlorobenzene
Concen: 47.660 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



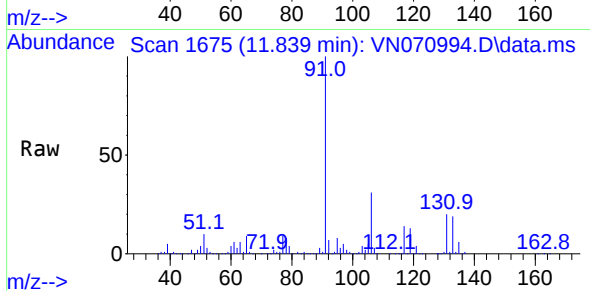
Tgt Ion:112 Resp: 979902
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0





#66
1,1,1,2-Tetrachloroethane
Concen: 49.091 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

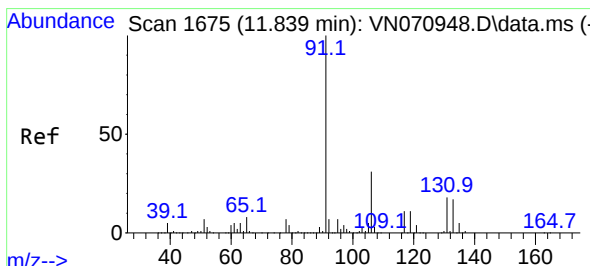
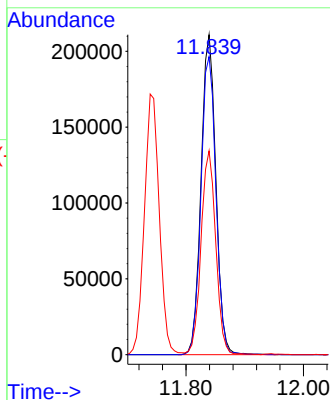
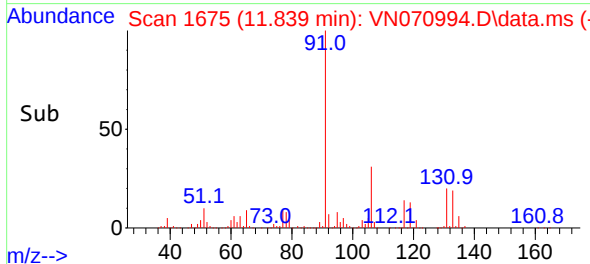
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion:131 Resp: 367920
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 63.5 32.1 96.5

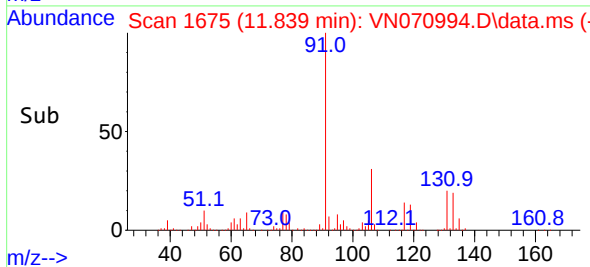
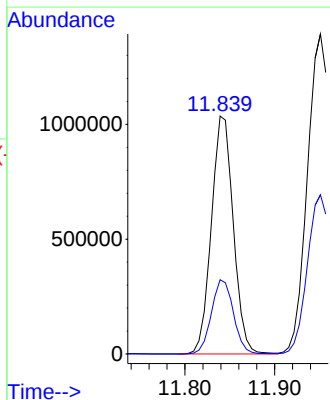
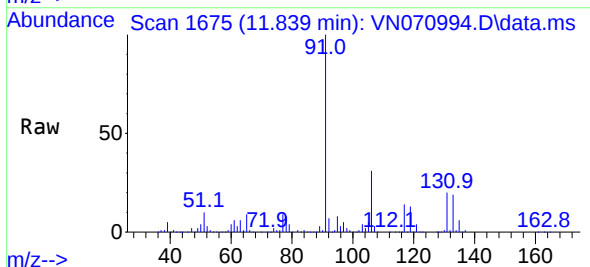
Manual Integrations
APPROVED

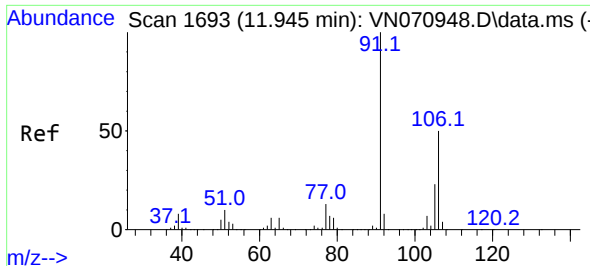
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#67
Ethyl Benzene
Concen: 48.849 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

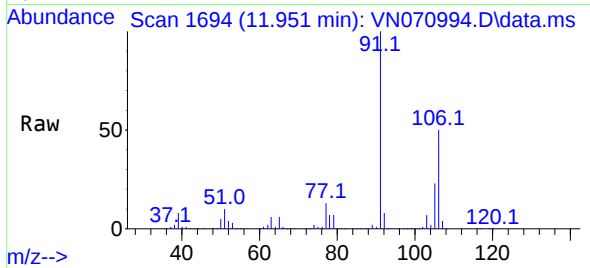
Tgt Ion: 91 Resp: 1757821
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5





#68
m/p-Xylenes
Concen: 96.103 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

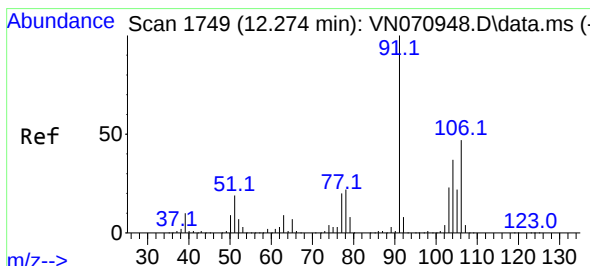
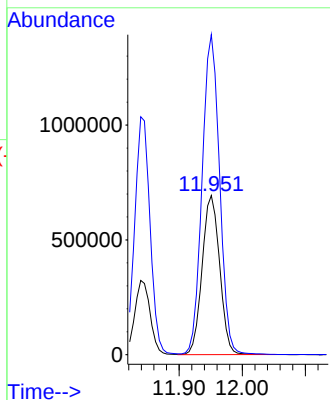
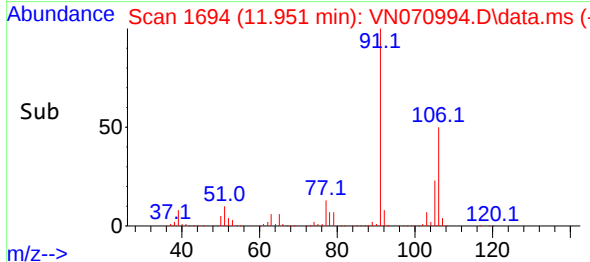
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



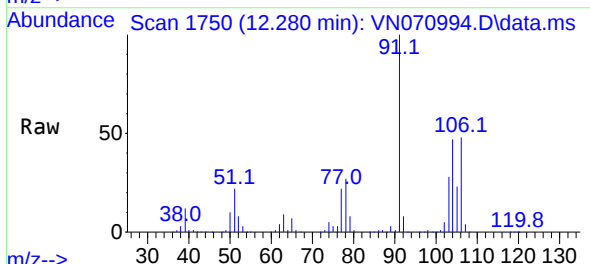
Tgt Ion:106 Resp: 133581
Ion Ratio Lower Upper
106 100
91 200.7 160.6 240.8

Manual Integrations
APPROVED

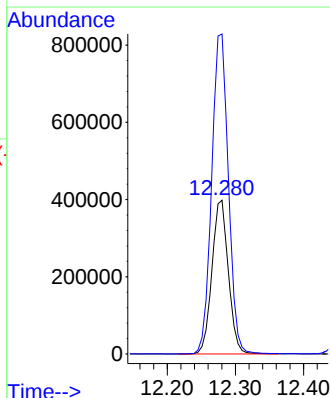
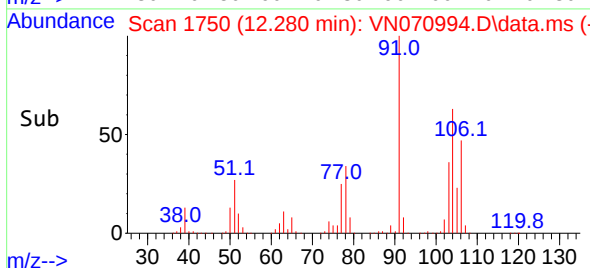
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

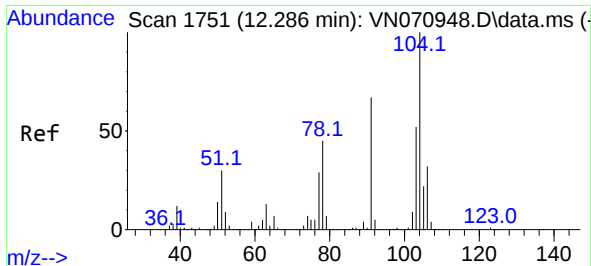


#69
o-Xylene
Concen: 49.132 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



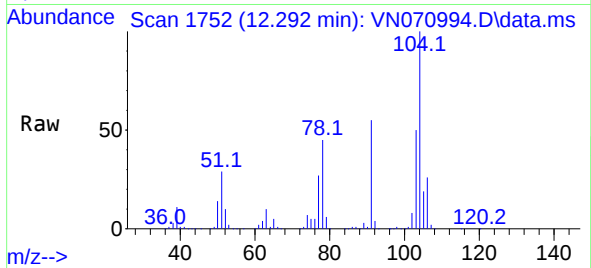
Tgt Ion:106 Resp: 667119
Ion Ratio Lower Upper
106 100
91 212.5 105.8 317.3





#70
Styrene
Concen: 49.700 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

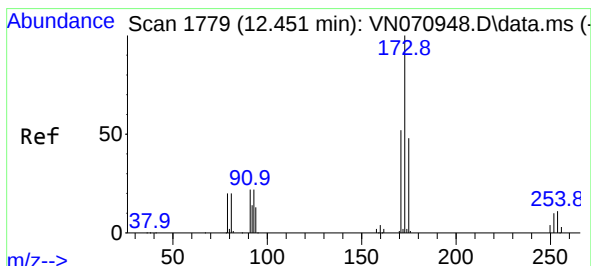
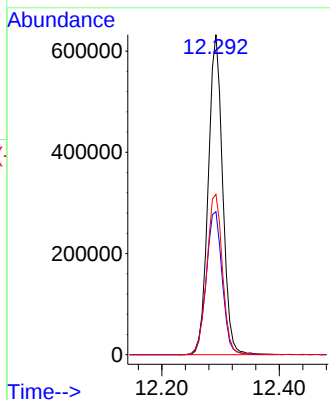
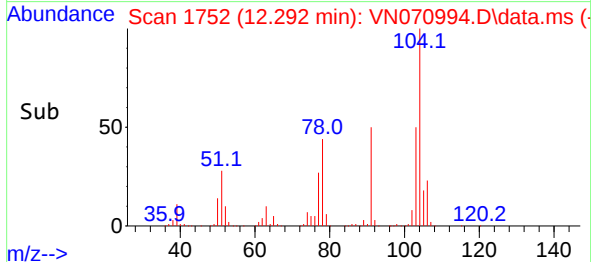
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion:104 Resp: 107303
Ion Ratio Lower Upper
104 100
78 49.7 38.7 58.1
103 54.8 45.0 67.6

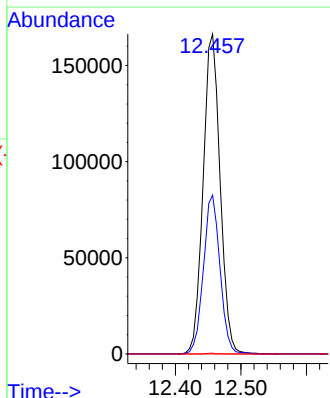
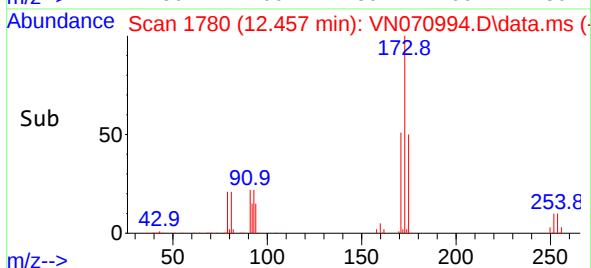
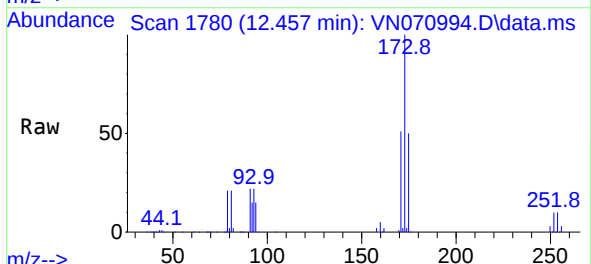
Manual Integrations
APPROVED

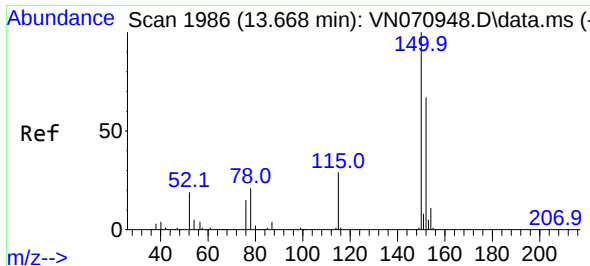
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#71
Bromoform
Concen: 50.306 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

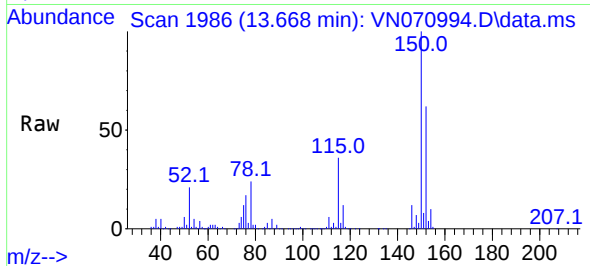
Tgt Ion:173 Resp: 300267
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.1 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

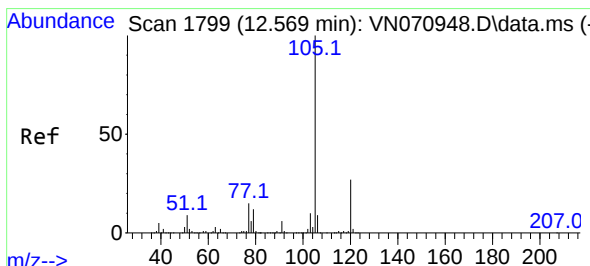
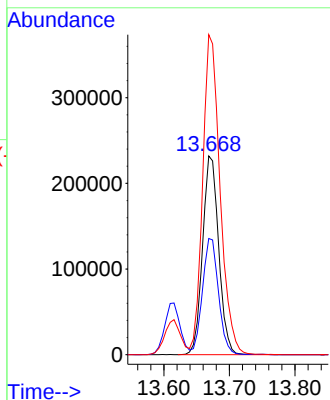
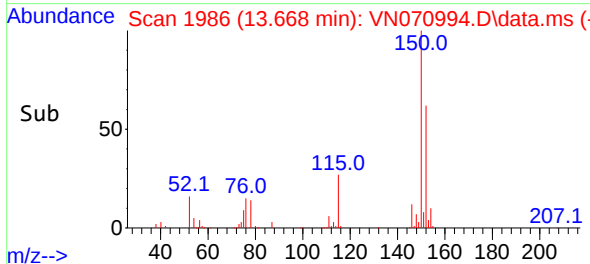
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



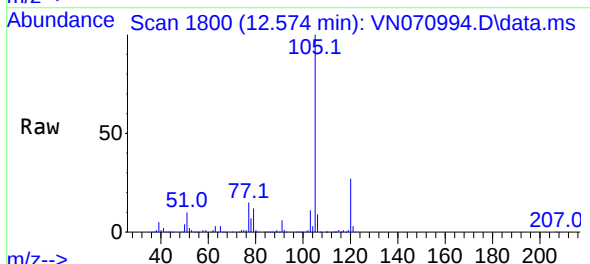
Tgt Ion:152 Resp: 397015
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 173.9 0.0 344.4

Manual Integrations
APPROVED

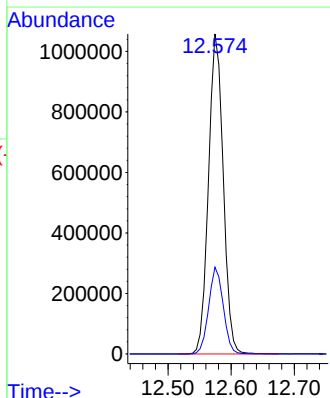
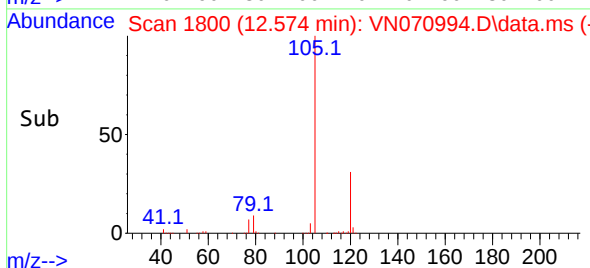
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

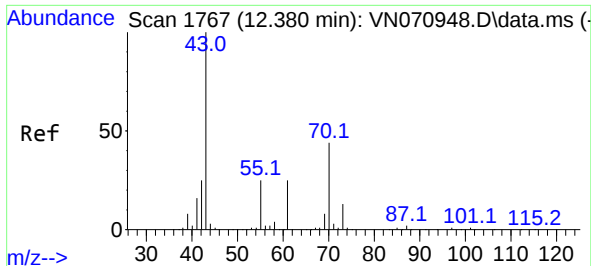


#73
Isopropylbenzene
Concen: 53.644 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



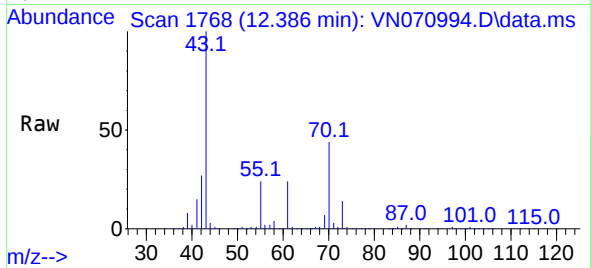
Tgt Ion:105 Resp: 1714263
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1





#74
N-amy1 acetate
Concen: 60.146 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

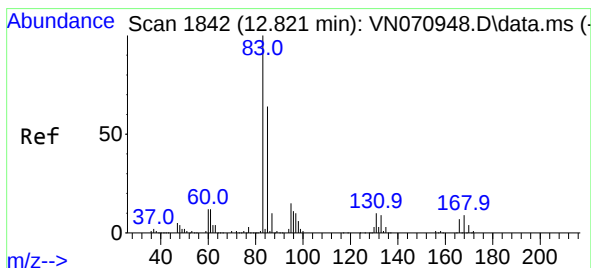
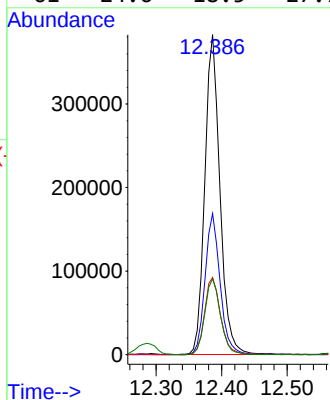
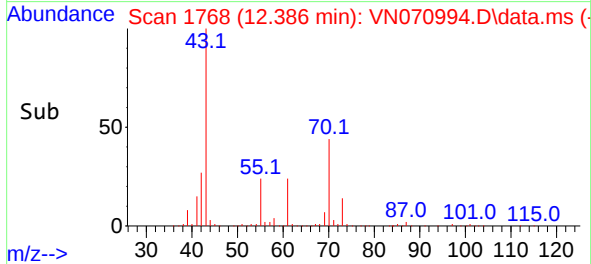
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion: 43 Resp: 61439
Ion Ratio Lower Upper
43 100
70 43.9 33.4 50.0
55 25.6 19.3 28.9
61 24.6 18.5 27.7

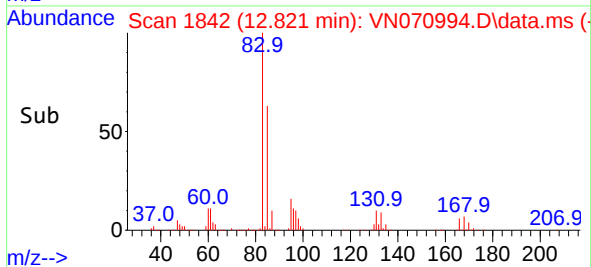
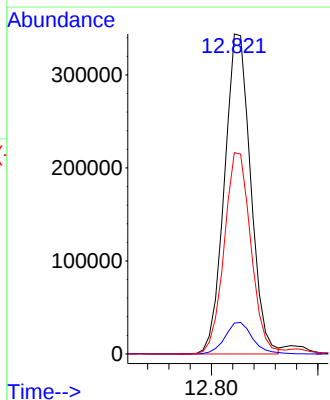
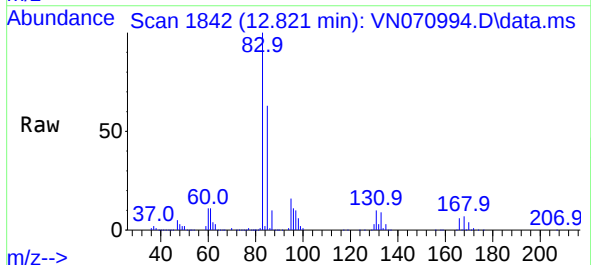
Manual Integrations
APPROVED

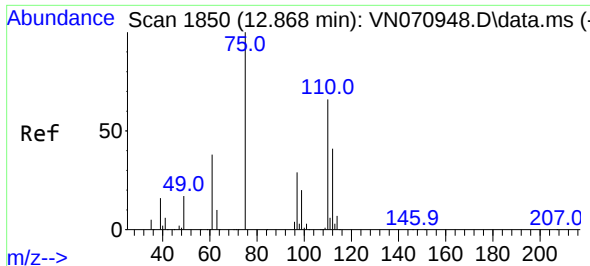
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 57.840 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

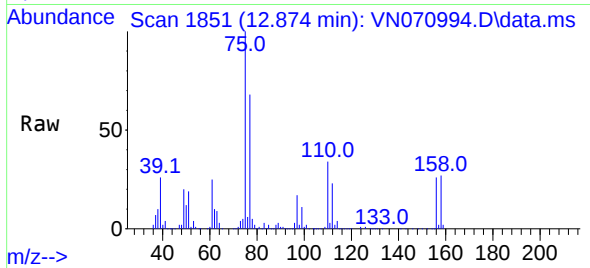
Tgt Ion: 83 Resp: 587361
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 64.3 32.4 97.2





#76
1,2,3-Trichloropropane
Concen: 50.998 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

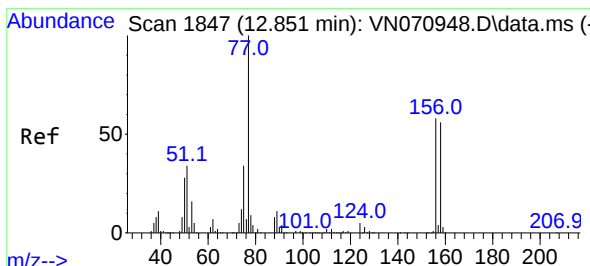
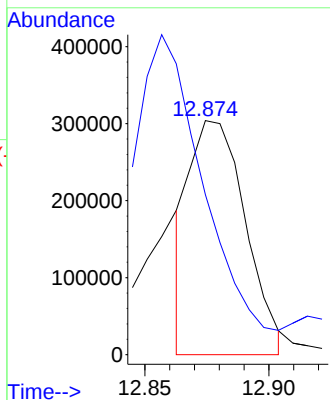
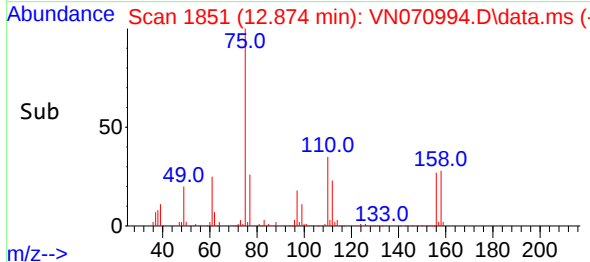
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



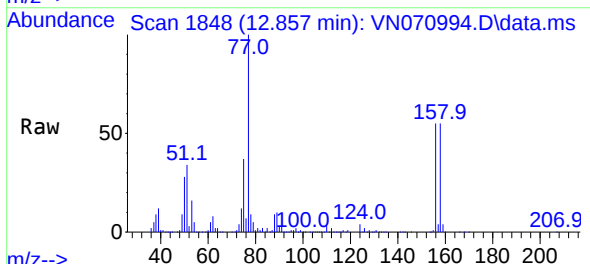
Tgt Ion: 75 Resp: 476710
Ion Ratio Lower Upper
75 100
77 181.3 82.6 247.8

Manual Integrations
APPROVED

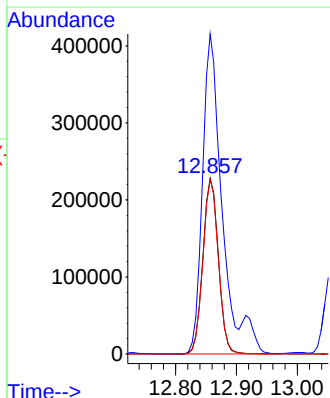
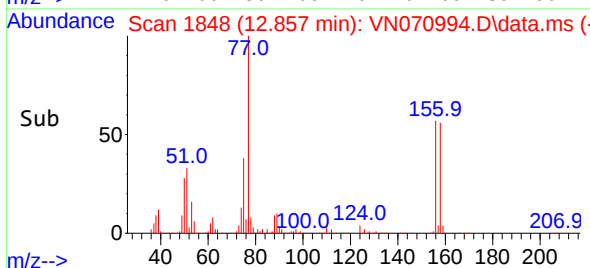
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

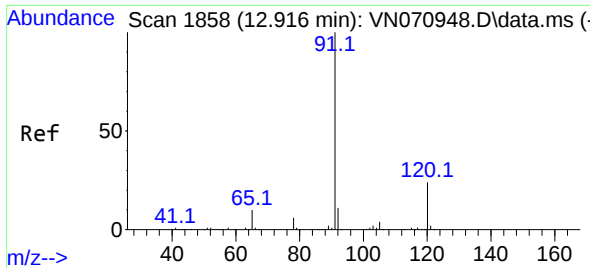


#77
Bromobenzene
Concen: 51.525 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



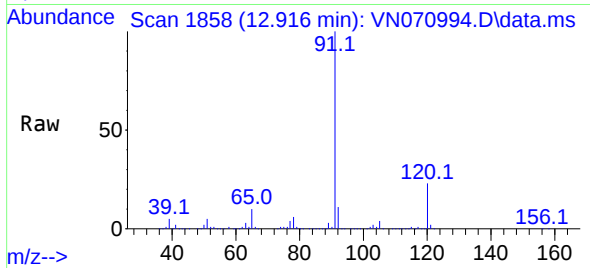
Tgt Ion:156 Resp: 403079
Ion Ratio Lower Upper
156 100
77 214.4 90.6 271.8
158 98.7 48.9 146.7





#78
n-propylbenzene
Concen: 52.504 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

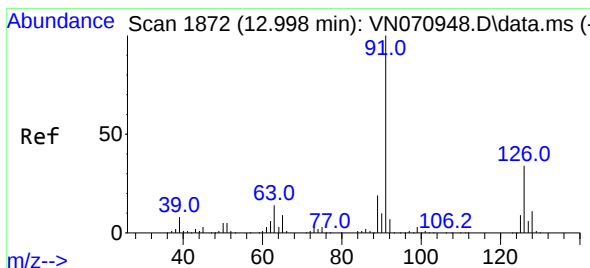
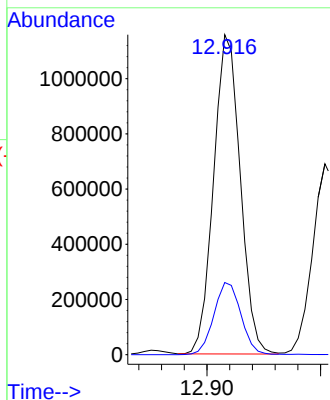
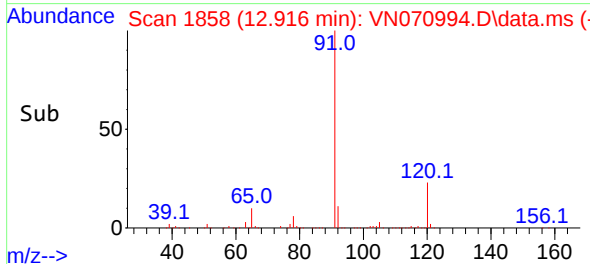
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



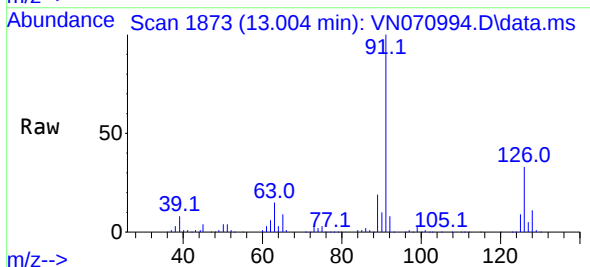
Tgt Ion: 91 Resp: 1885128
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9

Manual Integrations
APPROVED

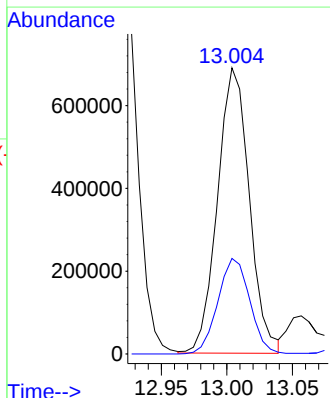
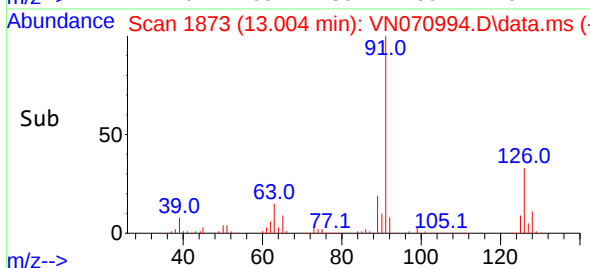
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

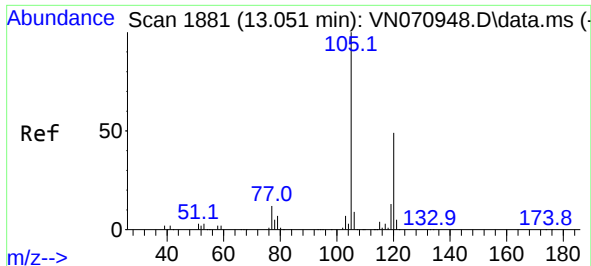


#79
2-Chlorotoluene
Concen: 53.366 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



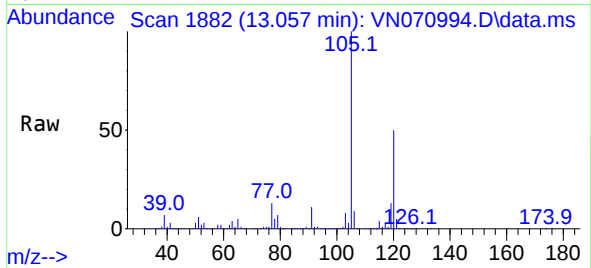
Tgt Ion: 91 Resp: 1163614
Ion Ratio Lower Upper
91 100
126 33.6 18.3 54.8





#80
1,3,5-Trimethylbenzene
Concen: 52.932 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

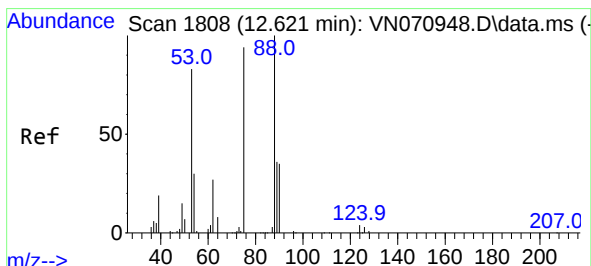
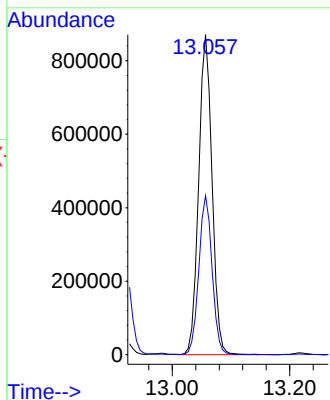
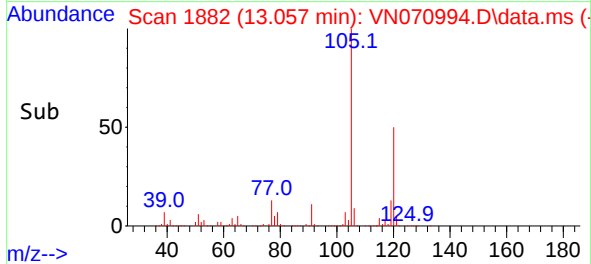
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



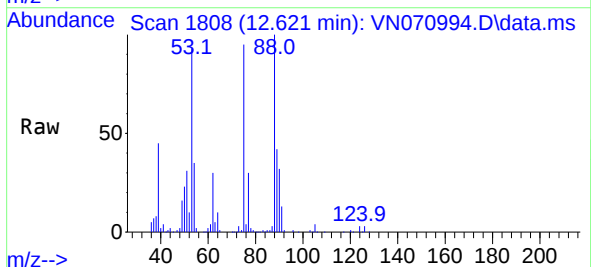
Tgt Ion:105 Resp: 1370379
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

Manual Integrations
APPROVED

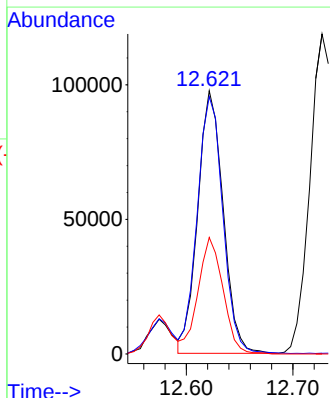
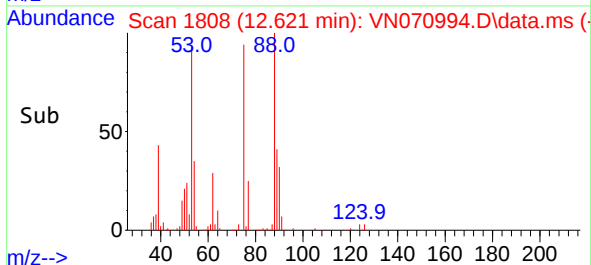
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

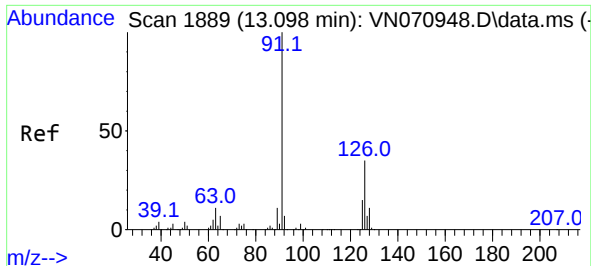


#81
trans-1,4-Dichloro-2-butene
Concen: 56.163 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



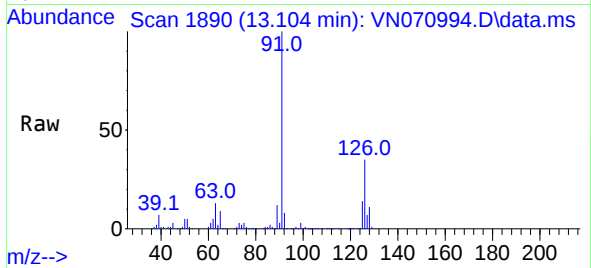
Tgt Ion: 75 Resp: 162014
Ion Ratio Lower Upper
75 100
53 98.8 90.5 135.7
89 43.8 38.2 57.4





#82
4-Chlorotoluene
Concen: 51.260 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

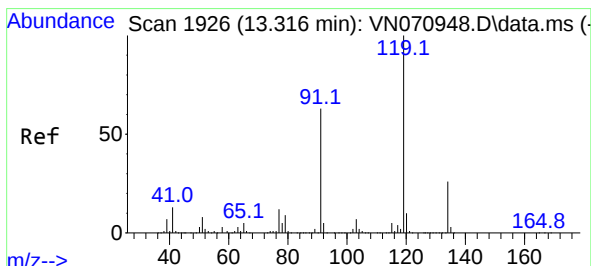
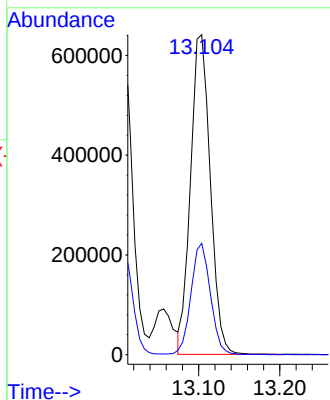
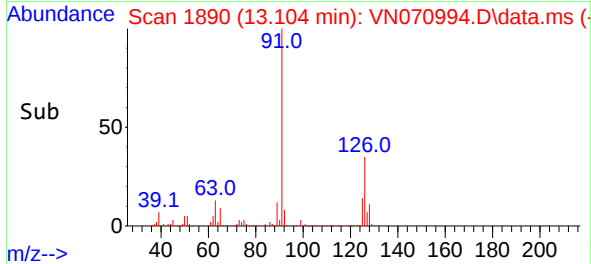
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



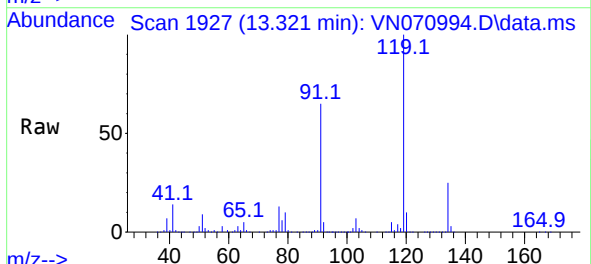
Tgt Ion: 91 Resp: 1084954
Ion Ratio Lower Upper
91 100
126 34.4 18.2 54.6

Manual Integrations
APPROVED

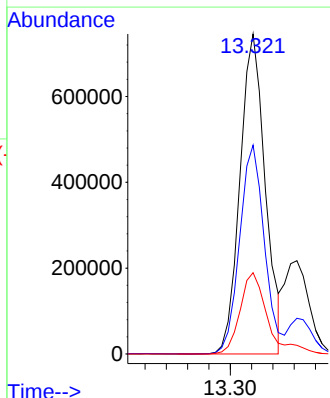
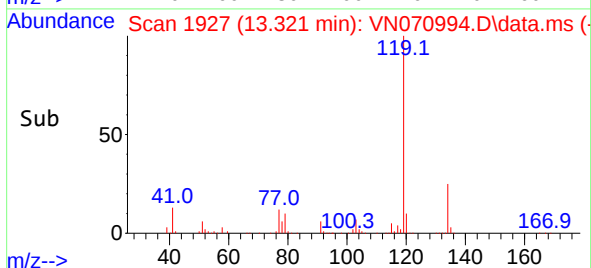
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

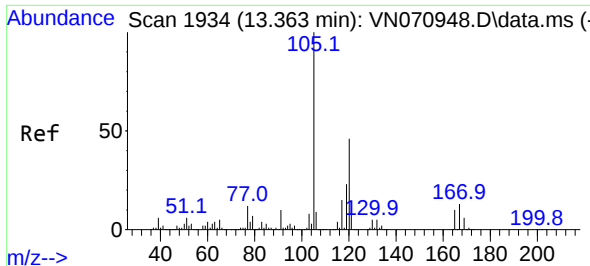


#83
tert-Butylbenzene
Concen: 50.059 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



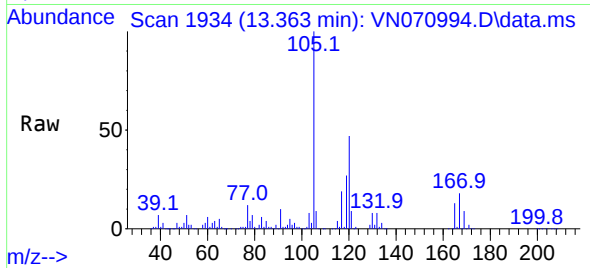
Tgt Ion:119 Resp: 1229105
Ion Ratio Lower Upper
119 100
91 64.6 31.5 94.5
134 27.6 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 52.552 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

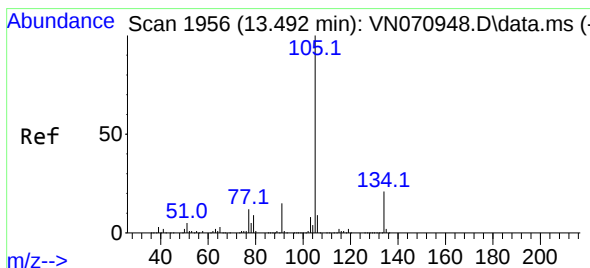
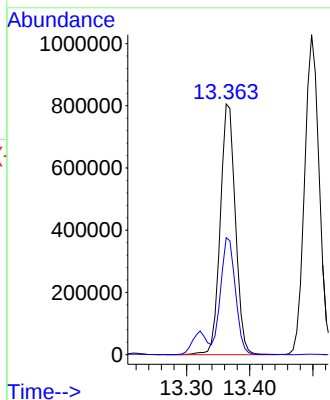
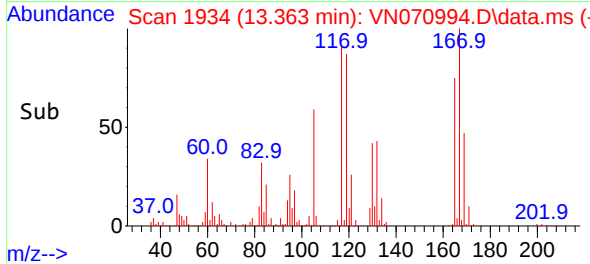
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



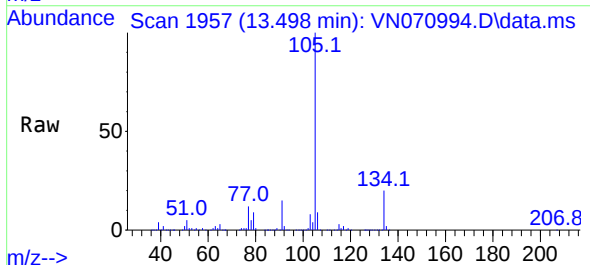
Tgt Ion:105 Resp: 1339309
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4

Manual Integrations
APPROVED

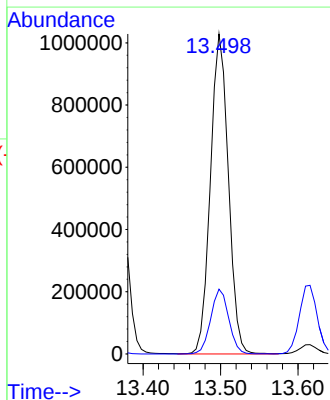
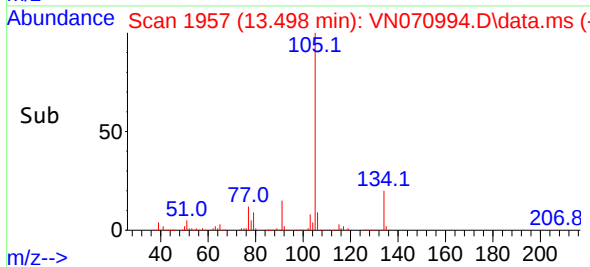
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

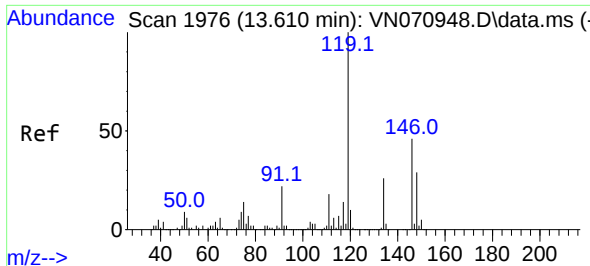


#85
sec-Butylbenzene
Concen: 51.127 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



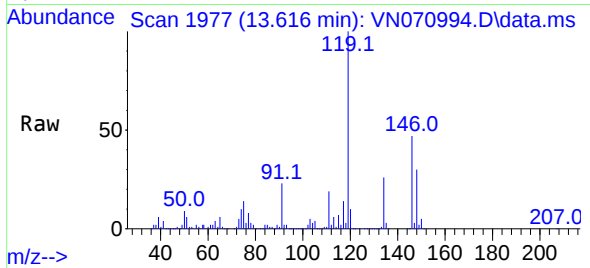
Tgt Ion:105 Resp: 1654091
Ion Ratio Lower Upper
105 100
134 20.4 10.4 31.1





#86
p-Isopropyltoluene
Concen: 50.734 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

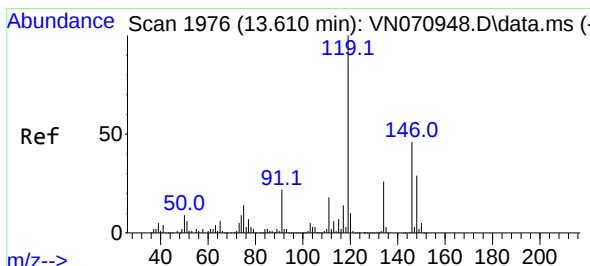
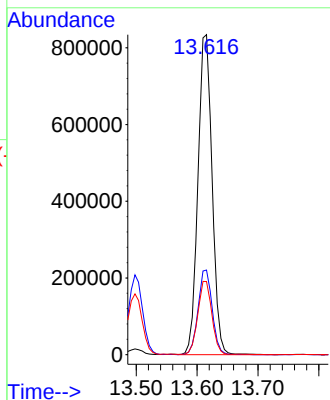
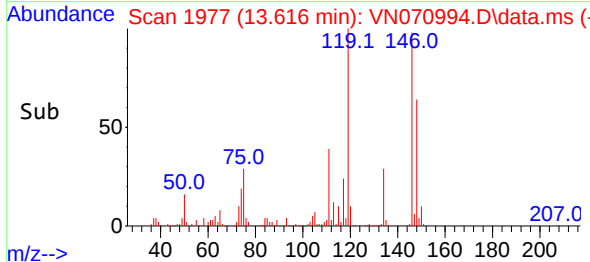
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



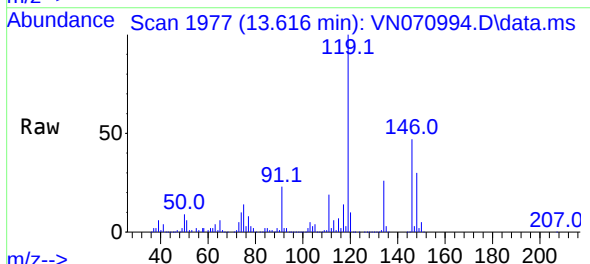
Tgt Ion:119 Resp: 1347449
Ion Ratio Lower Upper
119 100
134 26.4 13.6 40.7
91 22.6 11.4 34.1

Manual Integrations
APPROVED

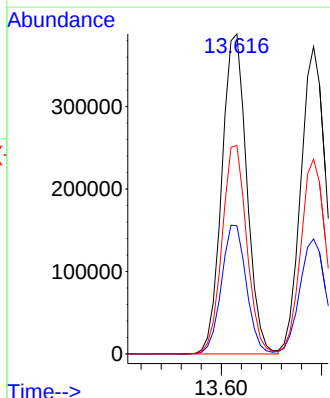
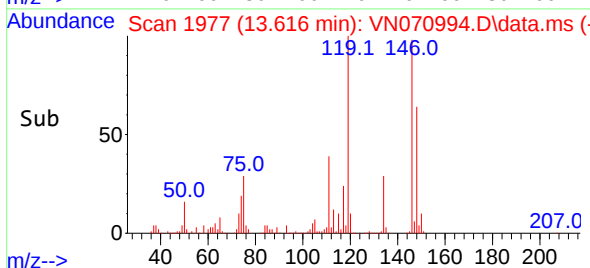
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

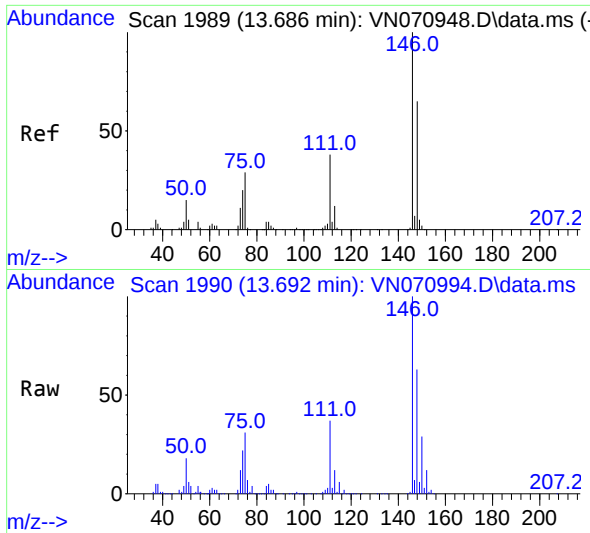


#87
1,3-Dichlorobenzene
Concen: 48.434 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



Tgt Ion:146 Resp: 670734
Ion Ratio Lower Upper
146 100
111 40.1 18.6 55.6
148 64.5 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 47.786 ug/l

RT: 13.692 min Scan# 1989

Delta R.T. 0.006 min

Lab File: VN070994.D

Acq: 17 Feb 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

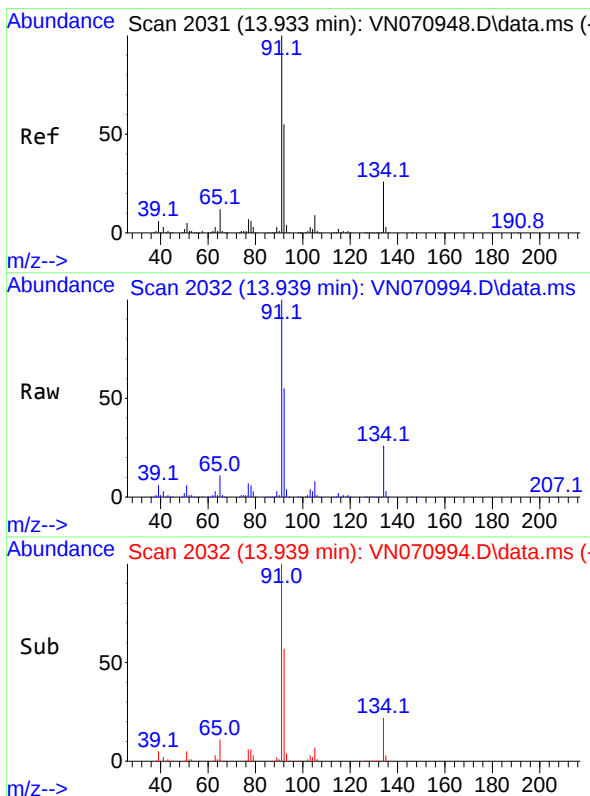
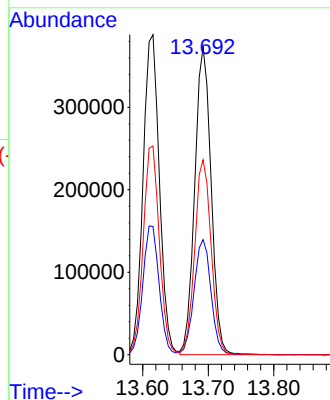
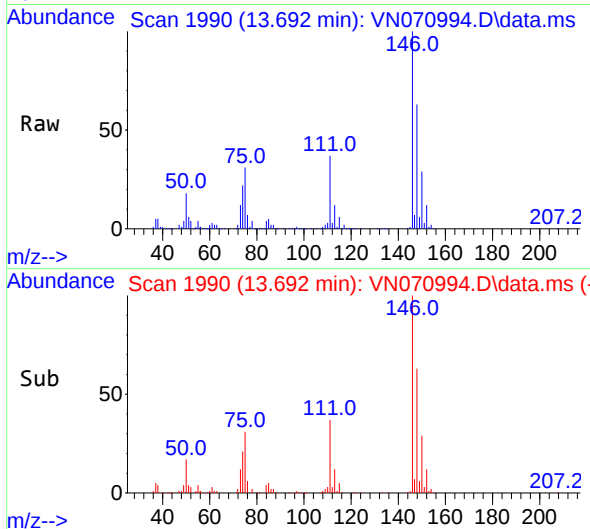
GR-OF-20220215MSD

Tgt Ion:146 Resp: 648360
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.3 54.8
 148 63.4 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#89

n-Butylbenzene

Concen: 46.854 ug/l

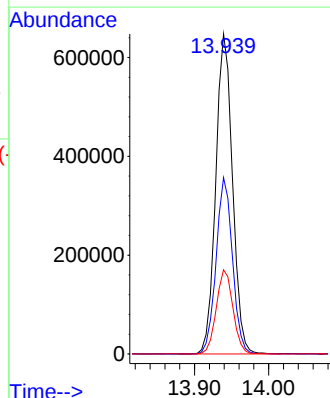
RT: 13.939 min Scan# 2032

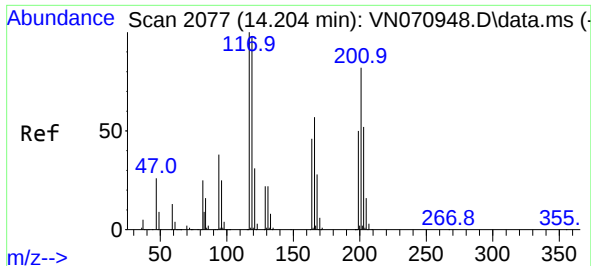
Delta R.T. 0.006 min

Lab File: VN070994.D

Acq: 17 Feb 2022 21:42

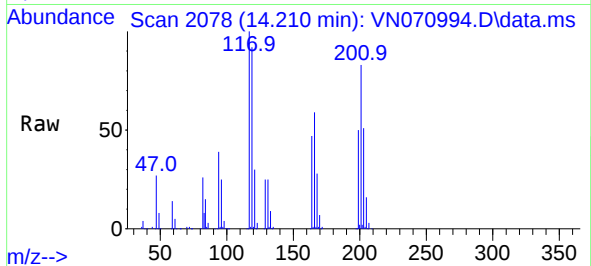
Tgt Ion: 91 Resp: 1015268
 Ion Ratio Lower Upper
 91 100
 92 54.0 25.4 76.0
 134 26.2 13.6 40.8





#90
Hexachloroethane
Concen: 52.560 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

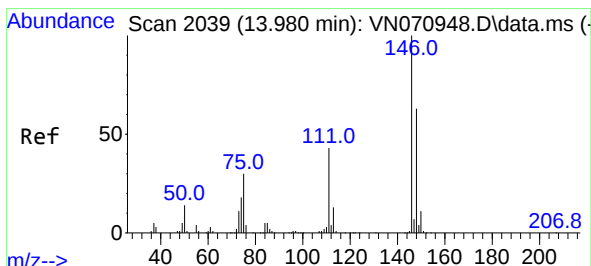
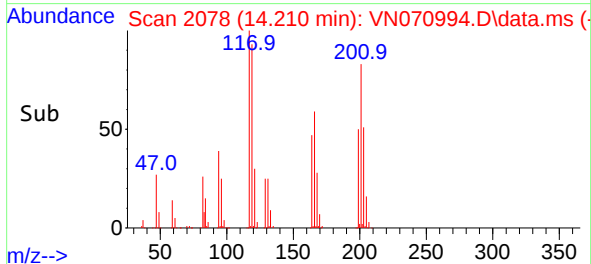
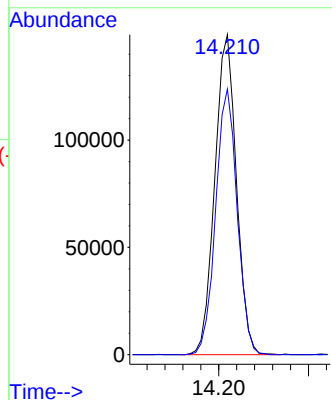
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



Tgt Ion:117 Resp: 249299
Ion Ratio Lower Upper
117 100
201 82.7 43.9 131.6

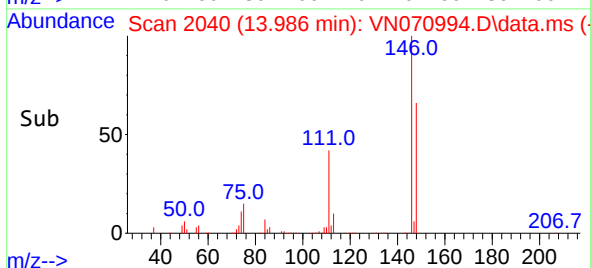
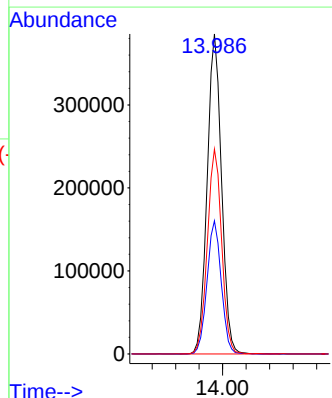
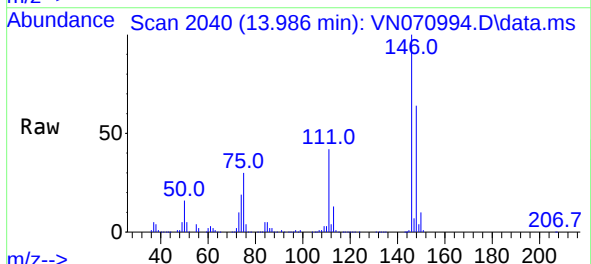
Manual Integrations
APPROVED

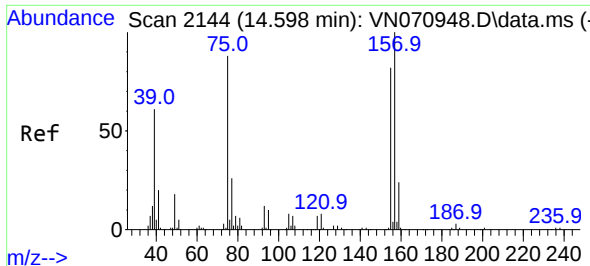
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#91
1,2-Dichlorobenzene
Concen: 50.125 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

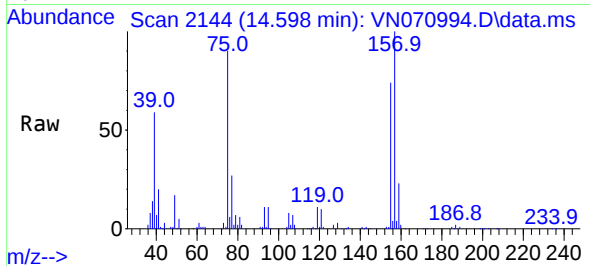
Tgt Ion:146 Resp: 651830
Ion Ratio Lower Upper
146 100
111 41.3 19.1 57.3
148 64.0 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 67.301 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

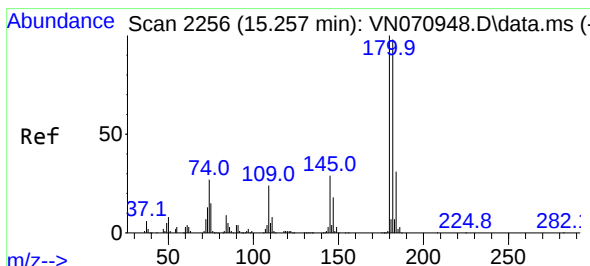
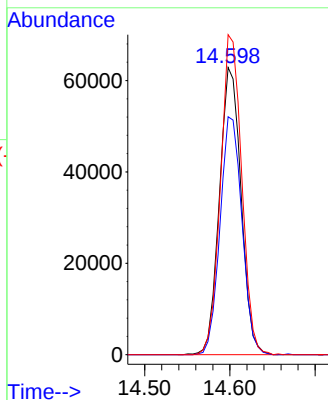
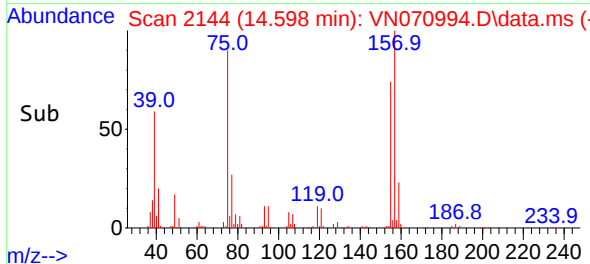
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



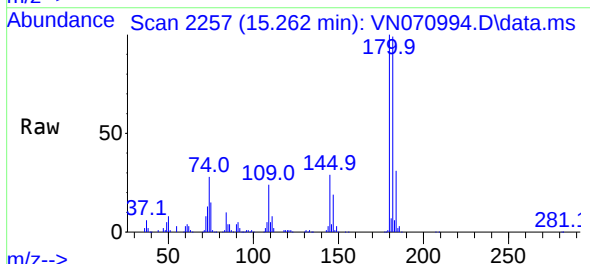
Tgt Ion: 75 Resp: 110730
Ion Ratio Lower Upper
75 100
155 83.8 46.9 140.7
157 109.1 60.6 181.7

Manual Integrations
APPROVED

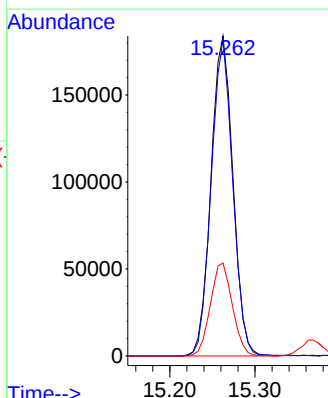
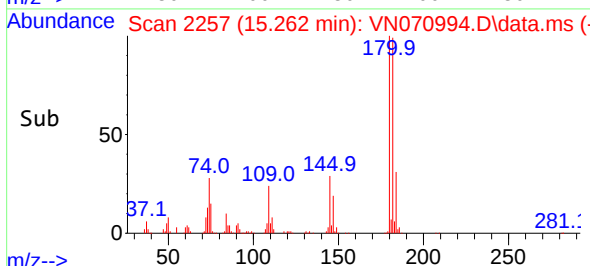
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

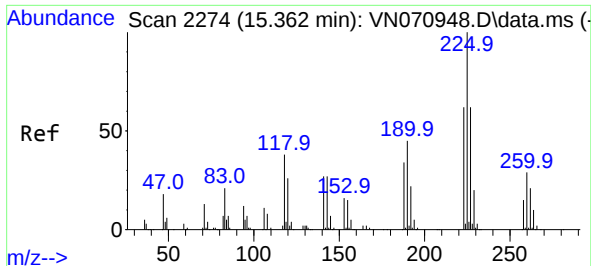


#93
1,2,4-Trichlorobenzene
Concen: 45.215 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



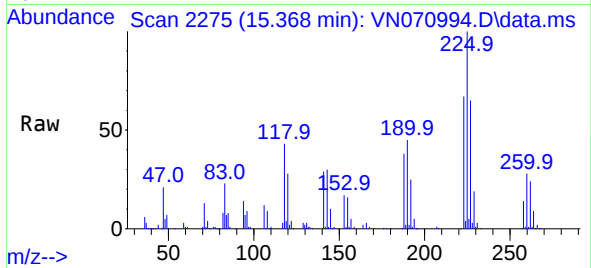
Tgt Ion:180 Resp: 329036
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.9
145 29.1 14.5 43.5





#94
Hexachlorobutadiene
Concen: 36.868 ug/l
RT: 15.368 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42

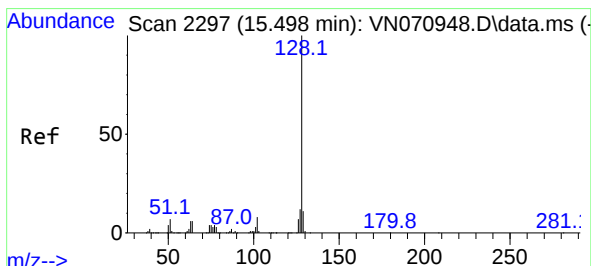
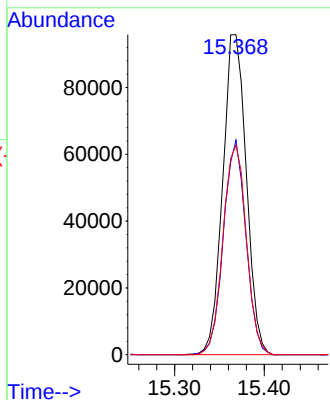
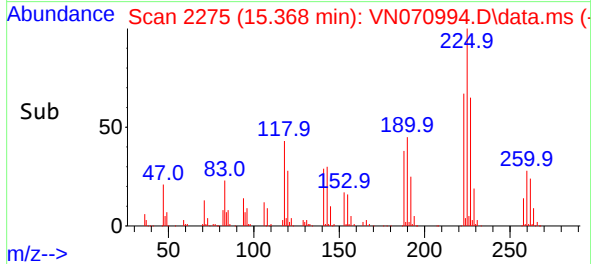
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215MSD



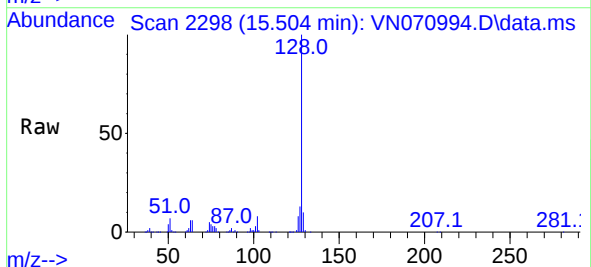
Tgt Ion:225 Resp: 174830
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 64.9 32.1 96.3

Manual Integrations
APPROVED

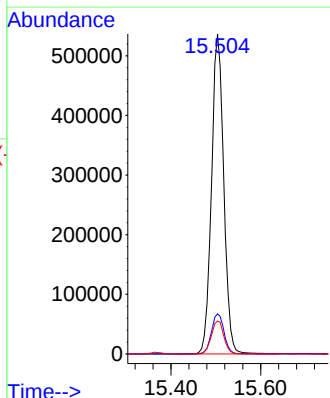
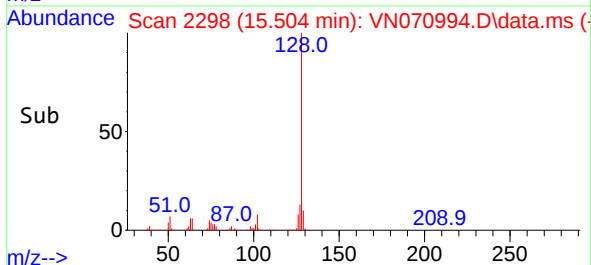
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

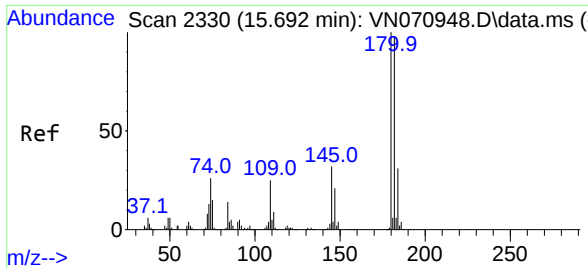


#95
Naphthalene
Concen: 56.485 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070994.D
Acq: 17 Feb 2022 21:42



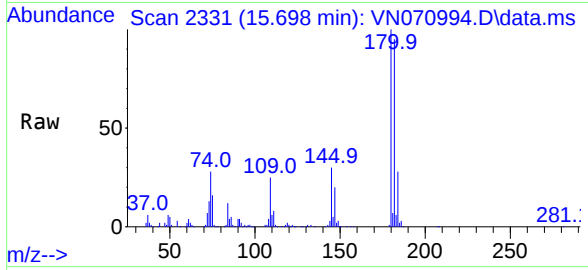
Tgt Ion:128 Resp: 1015345
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.134 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN070994.D
 Acq: 17 Feb 2022 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20220215MSD



Tgt Ion:180 Resp: 337860

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	30.9	15.0	45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022

