

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071163.D
 Acq On : 04 Mar 2022 11:53
 Operator : JC\MD
 Sample : VN0304WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 22:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	610283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	968875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	850729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	333127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	408382	58.580	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.160%			
35) Dibromofluoromethane	8.016	113	314454	54.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.140%			
50) Toluene-d8	10.433	98	1245232	53.805	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.620%			
62) 4-Bromofluorobenzene	12.722	95	394484	47.687	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	99558	15.707	ug/l	100
3) Chloromethane	2.305	50	142502	17.886	ug/l	99
4) Vinyl Chloride	2.446	62	131328	16.466	ug/l	99
5) Bromomethane	2.857	94	80297	17.723	ug/l	97
6) Chloroethane	3.022	64	85231	16.289	ug/l	100
7) Trichlorofluoromethane	3.381	101	183338	18.343	ug/l	90
8) Diethyl Ether	3.822	74	79371	18.267	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.222	101	110038	17.944	ug/l	94
10) Methyl Iodide	4.428	142	141472	16.657	ug/l	99
11) Tert butyl alcohol	5.357	59	117014	92.102	ug/l	99
12) 1,1-Dichloroethene	4.187	96	101482	16.985	ug/l	94
13) Acrolein	4.046	56	78806	69.415	ug/l	100
14) Allyl chloride	4.846	41	218962	19.216	ug/l	87
15) Acrylonitrile	5.546	53	403714	107.879	ug/l	99
16) Acetone	4.281	43	389935	101.564	ug/l	96
17) Carbon Disulfide	4.540	76	233212	13.611	ug/l	99
18) Methyl Acetate	4.851	43	190104	22.280	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	416244	19.861	ug/l	95
20) Methylene Chloride	5.098	84	130029	18.635	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	109267	17.039	ug/l	89
22) Diisopropyl ether	6.493	45	482801	22.092	ug/l	92
23) Vinyl Acetate	6.428	43	1958673	105.875	ug/l	98
24) 1,1-Dichloroethane	6.387	63	242769	19.816	ug/l	100
25) 2-Butanone	7.328	43	568456	111.301	ug/l	91
26) 2,2-Dichloropropane	7.322	77	194738	19.126	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	137269	18.624	ug/l	90
28) Bromochloromethane	7.657	49	113650	22.920	ug/l	85
29) Tetrahydrofuran	7.681	42	362659	109.610	ug/l	92
30) Chloroform	7.810	83	240367	19.949	ug/l	96
31) Cyclohexane	8.092	56	222035	18.416	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	201043	19.321	ug/l	97
36) 1,1-Dichloropropene	8.222	75	167074	17.696	ug/l	97
37) Ethyl Acetate	7.404	43	222875	22.011	ug/l	98
38) Carbon Tetrachloride	8.198	117	165411	17.781	ug/l	99
39) Methylcyclohexane	9.457	83	197946	16.293	ug/l	94
40) Benzene	8.457	78	530087	18.980	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	104159	19.531	ug/l	93
42) 1,2-Dichloroethane	8.528	62	193544	20.348	ug/l	99
43) Isopropyl Acetate	8.557	43	358489	22.461	ug/l	95
44) Trichloroethene	9.210	130	125021	17.000	ug/l	92
45) 1,2-Dichloropropane	9.486	63	145446	20.331	ug/l	99
46) Dibromomethane	9.575	93	88376	18.772	ug/l	98
47) Bromodichloromethane	9.757	83	182106	19.139	ug/l	96
48) Methyl methacrylate	9.557	41	157501	20.849	ug/l #	84
49) 1,4-Dioxane	9.563	88	48641	362.510	ug/l	87
51) 4-Methyl-2-Pentanone	10.322	43	1063843	109.554	ug/l	99
52) Toluene	10.498	92	333806	19.021	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	191664	18.525	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	213560	18.796	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	134421	19.569	ug/l	95
56) Ethyl methacrylate	10.757	69	204344	19.744	ug/l	91
57) 1,3-Dichloropropane	11.039	76	237291	19.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	143738	86.294	ug/l	93
59) 2-Hexanone	11.080	43	716084	107.221	ug/l	99
60) Dibromochloromethane	11.233	129	134252	18.493	ug/l	100
61) 1,2-Dibromoethane	11.339	107	128195	18.348	ug/l	99
64) Tetrachloroethene	10.975	164	110242	16.639	ug/l	99
65) Chlorobenzene	11.763	112	343045	18.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	129990	19.453	ug/l	99
67) Ethyl Benzene	11.839	91	610976	19.042	ug/l	99
68) m/p-Xylenes	11.951	106	461428	37.232	ug/l	100
69) o-Xylene	12.275	106	229212	18.933	ug/l	99
70) Styrene	12.286	104	353415	18.359	ug/l	97
71) Bromoform	12.451	173	96417	18.117	ug/l #	100
73) Isopropylbenzene	12.574	105	585275	21.827	ug/l	99
74) N-amyl acetate	12.386	43	184802	21.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	195656	22.962	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	167252m	21.324	ug/l	
77) Bromobenzene	12.851	156	135523	20.646	ug/l	86
78) n-propylbenzene	12.916	91	632867	21.007	ug/l	97
79) 2-Chlorotoluene	13.004	91	402724	22.012	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	479201	22.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.616	75	48233	19.927	ug/l	93
82) 4-Chlorotoluene	13.098	91	367243	20.679	ug/l	95
83) tert-Butylbenzene	13.316	119	428862	20.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	455920	21.321	ug/l	99
85) sec-Butylbenzene	13.492	105	561499	20.684	ug/l	100
86) p-Isopropyltoluene	13.610	119	441500	19.811	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	218868	18.836	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	209606	18.411	ug/l	97
89) n-Butylbenzene	13.939	91	316855	17.427	ug/l	97
90) Hexachloroethane	14.204	117	84432	21.215	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	213882	19.602	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28523	20.661	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	77040	14.058	ug/l	99
94) Hexachlorobutadiene	15.363	225	63930	16.067	ug/l	98
95) Naphthalene	15.498	128	142862	13.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	68148	13.963	ug/l	98

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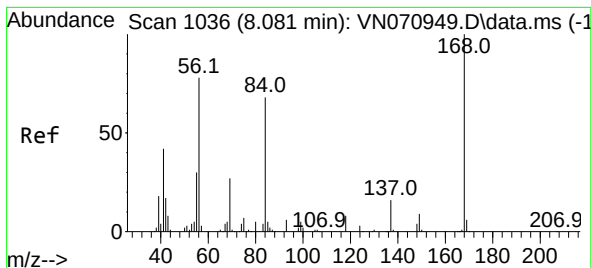
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

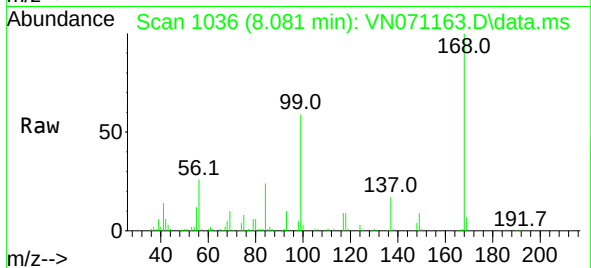
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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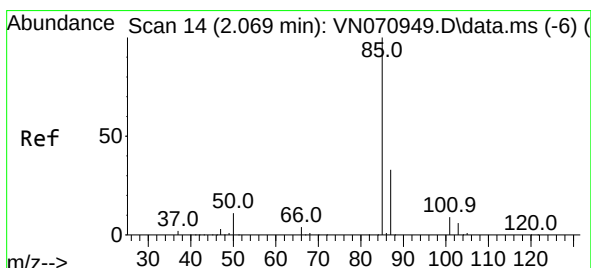
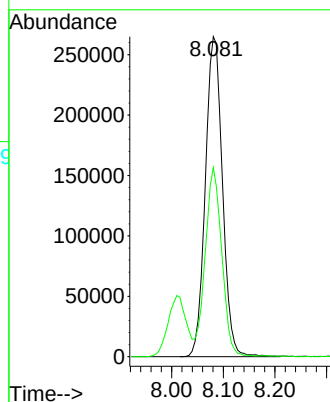
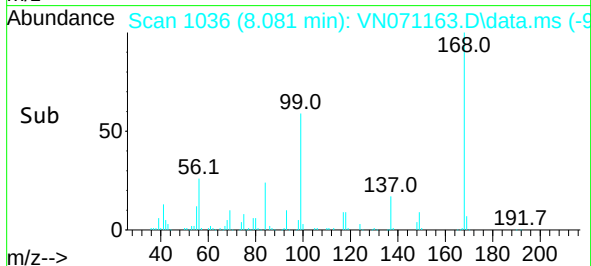
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 61028
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9

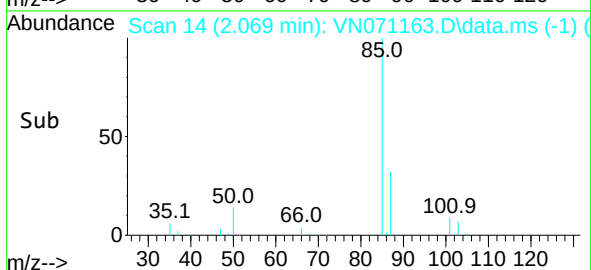
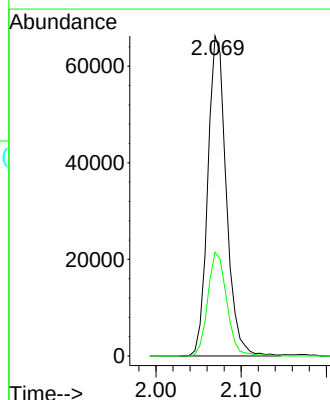
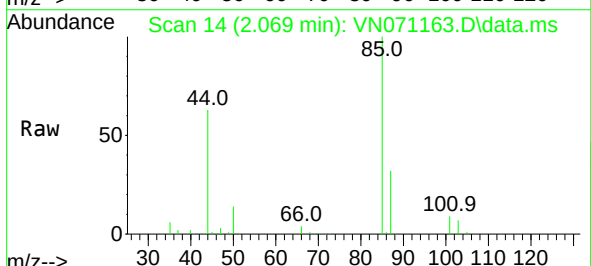
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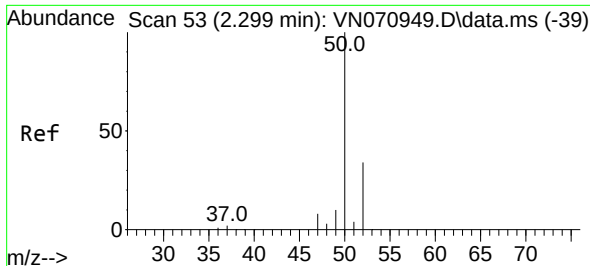
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#2
Dichlorodifluoromethane
Concen: 15.707 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion: 85 Resp: 99558
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





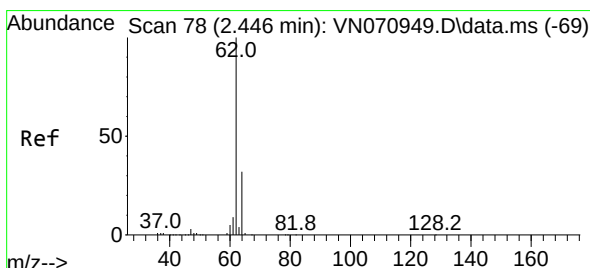
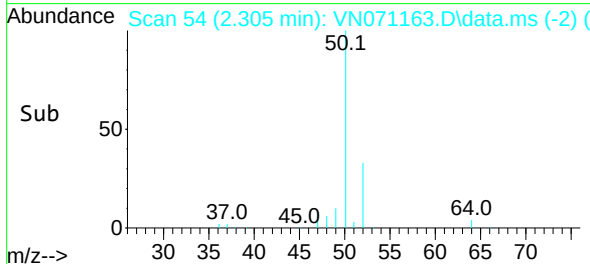
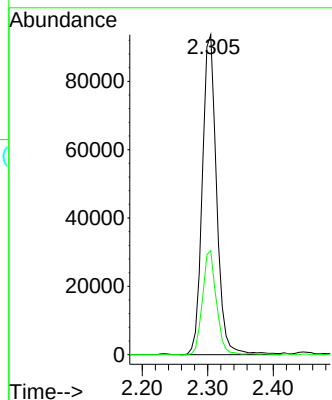
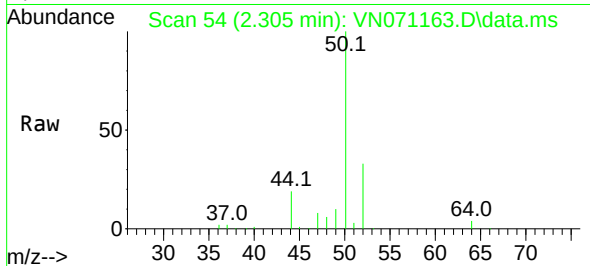
#3
Chloromethane
Concen: 17.886 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

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Tgt Ion: 50 Resp: 14250
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

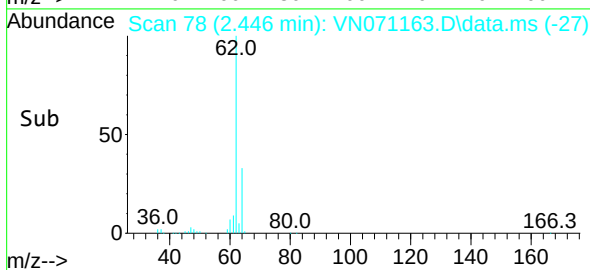
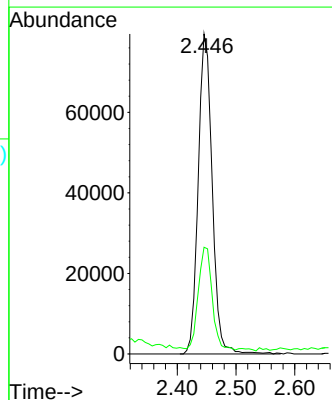
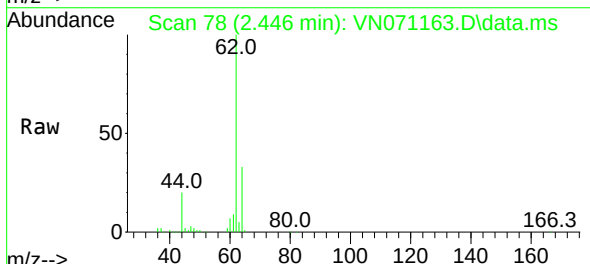
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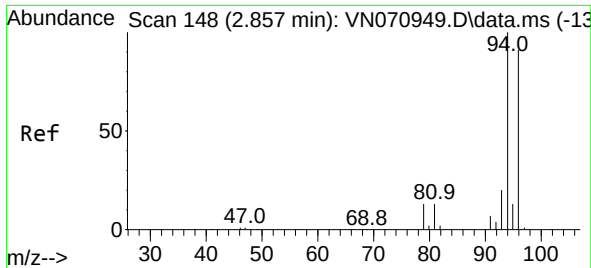
Reviewed By :John Carlone 03/07/2022
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#4
Vinyl Chloride
Concen: 16.466 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

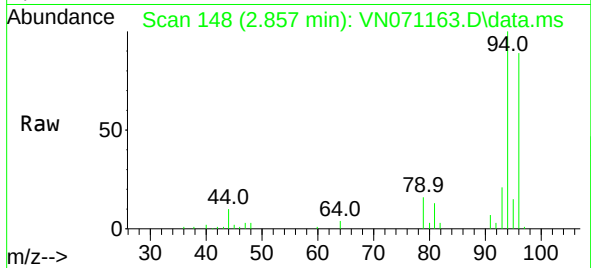
Tgt Ion: 62 Resp: 131328
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 17.723 ug/l
RT: 2.857 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

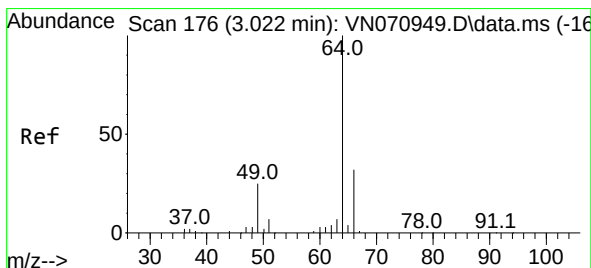
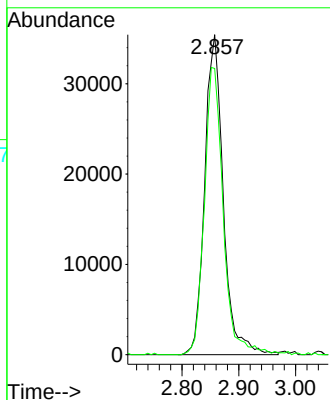
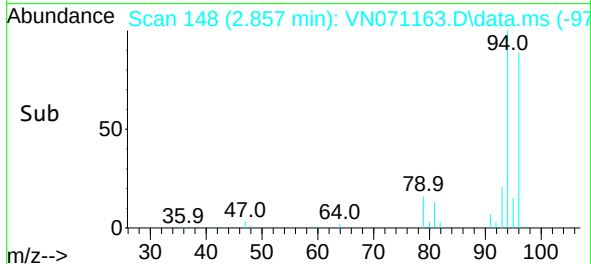
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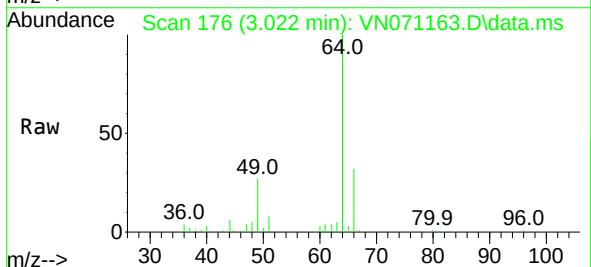
Tgt Ion: 94 Resp: 8029
Ion Ratio Lower Upper
94 100
96 89.5 73.8 110.8

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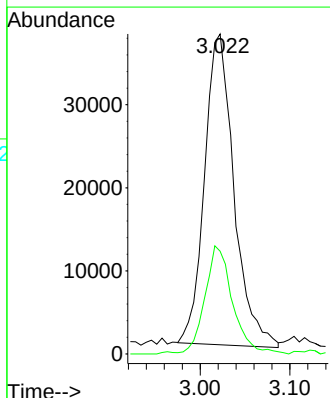
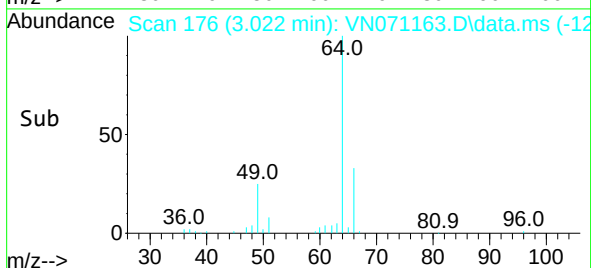
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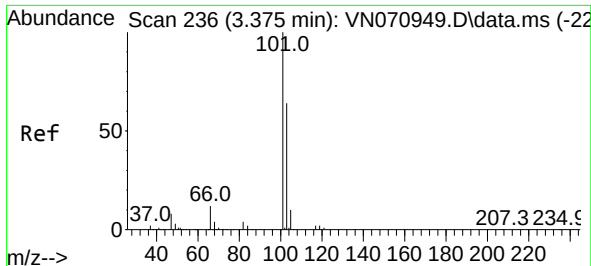


#6
Chloroethane
Concen: 16.289 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN071163.D
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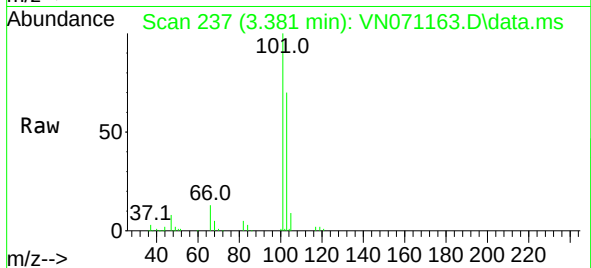
Tgt Ion: 64 Resp: 85231
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.343 ug/l
 RT: 3.381 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071163.D
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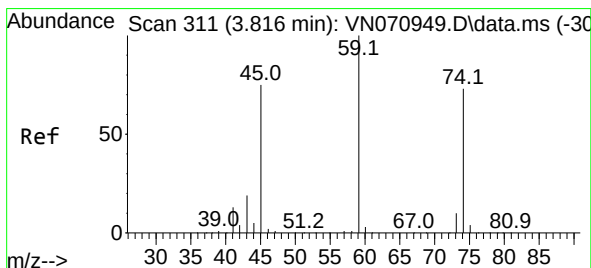
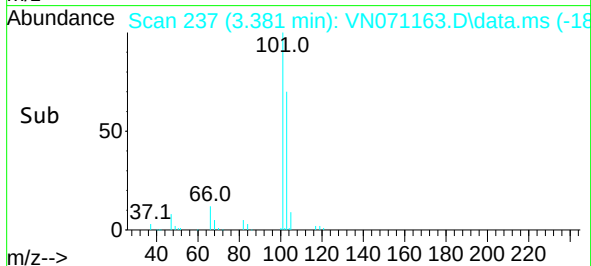
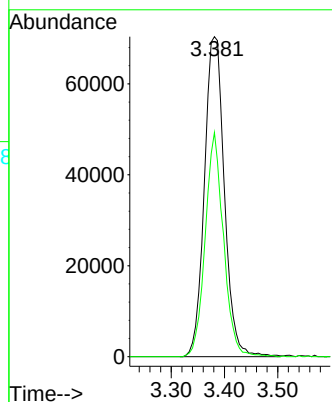
Instrument :
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Tgt Ion: 101 Resp: 183338
 Ion Ratio Lower Upper
 101 100
 103 70.1 50.1 75.1

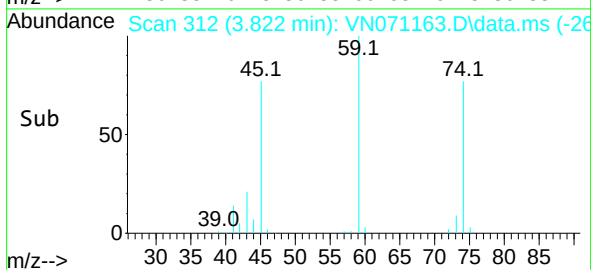
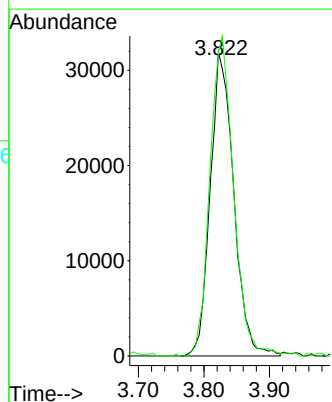
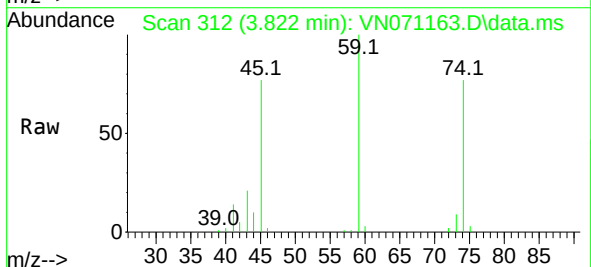
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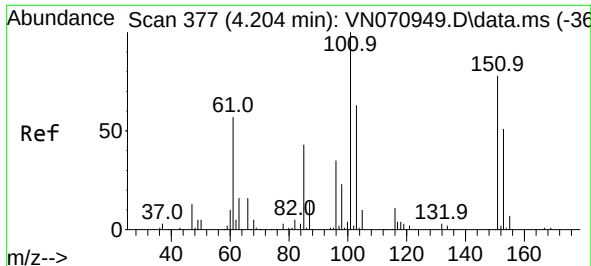
Reviewed By : John Carlone 03/07/2022
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#8
 Diethyl Ether
 Concen: 18.267 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 79371
 Ion Ratio Lower Upper
 74 100
 45 106.4 47.0 141.2





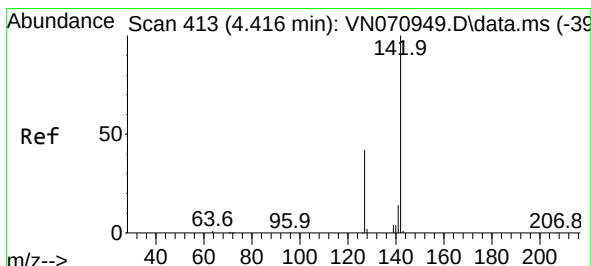
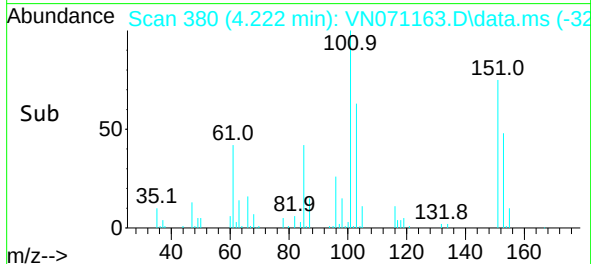
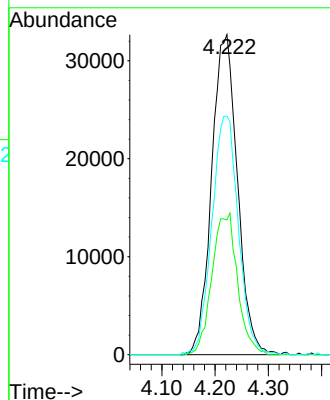
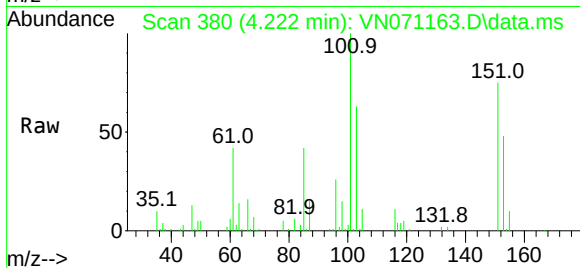
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.944 ug/l
RT: 4.222 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion:101 Resp: 110038
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 76.6 65.9 98.9

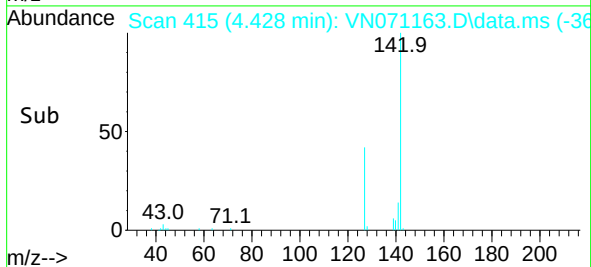
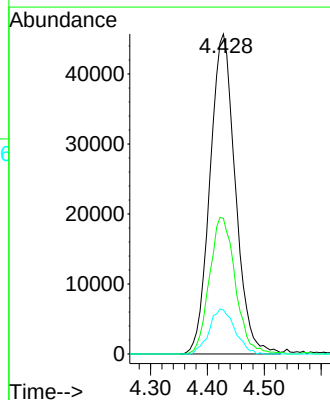
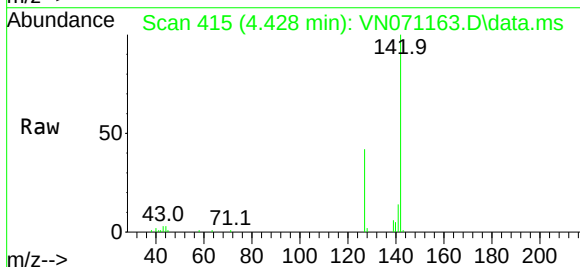
Manual Integrations
APPROVED

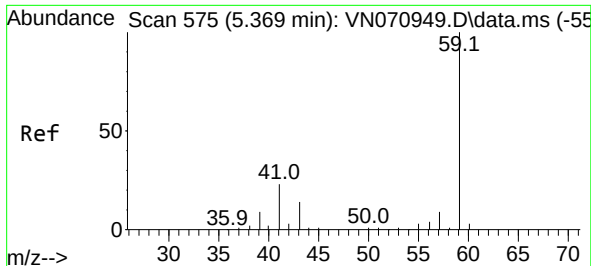
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#10
Methyl Iodide
Concen: 16.657 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion:142 Resp: 141472
Ion Ratio Lower Upper
142 100
127 43.7 35.4 53.0
141 14.2 11.6 17.4





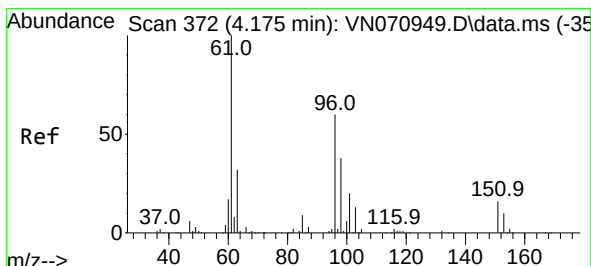
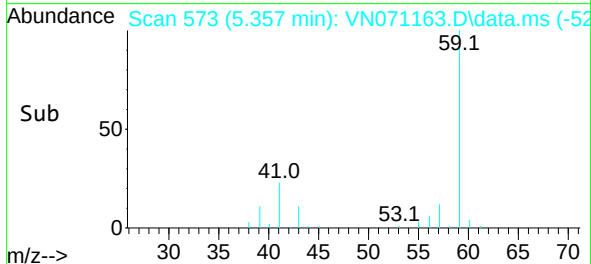
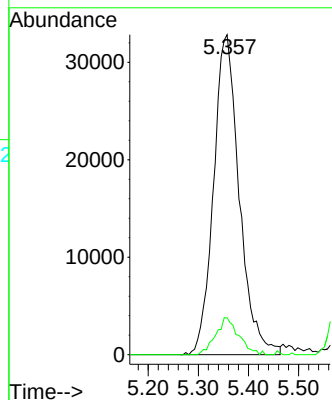
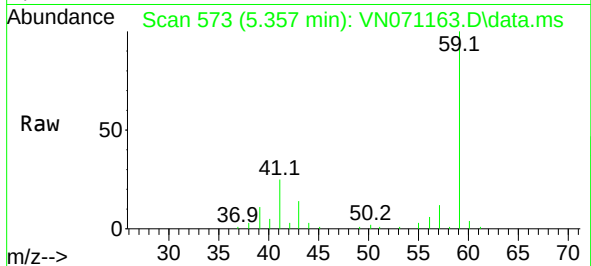
#11
Tert butyl alcohol
Concen: 92.102 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion: 59 Resp: 117014
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

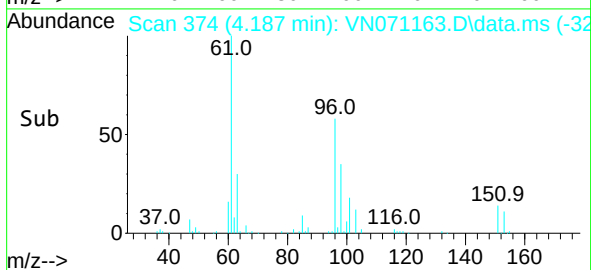
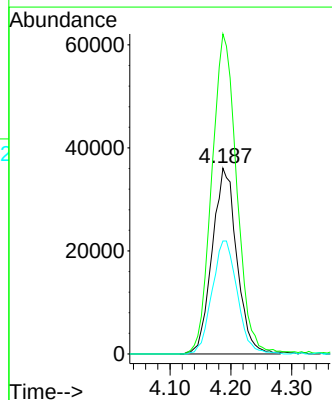
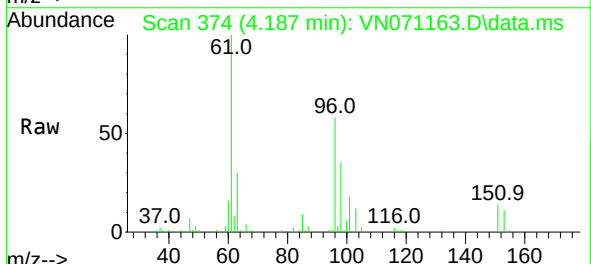
Manual Integrations
APPROVED

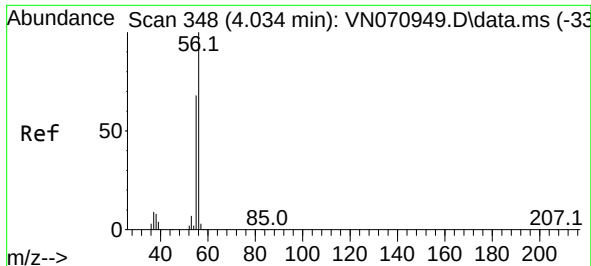
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#12
1,1-Dichloroethene
Concen: 16.985 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

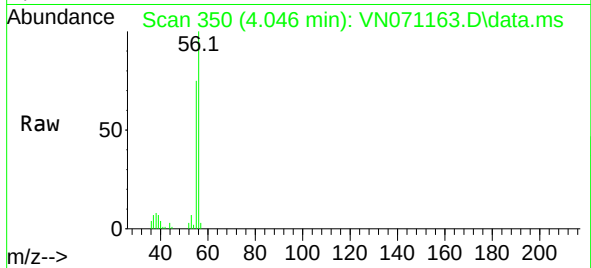
Tgt Ion: 96 Resp: 101482
Ion Ratio Lower Upper
96 100
61 172.3 131.0 196.6
98 60.8 52.4 78.6





#13
Acrolein
Concen: 69.415 ug/l
RT: 4.046 min Scan# 348
Delta R.T. 0.012 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

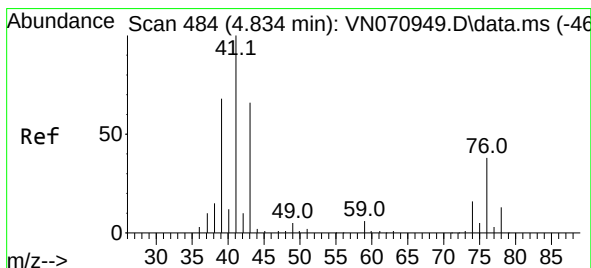
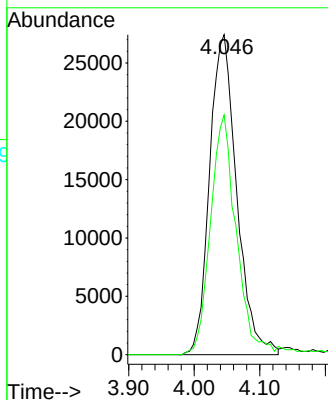
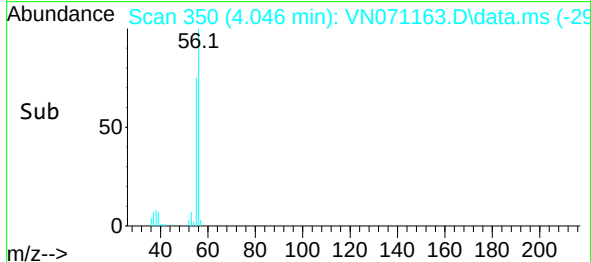
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion: 56 Resp: 78800
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

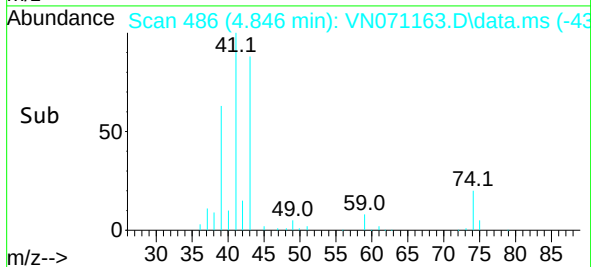
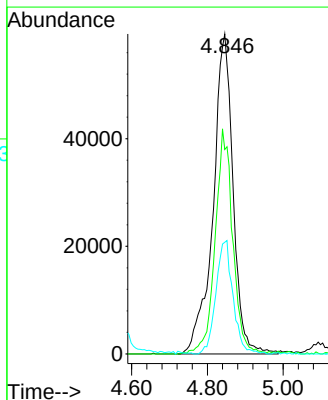
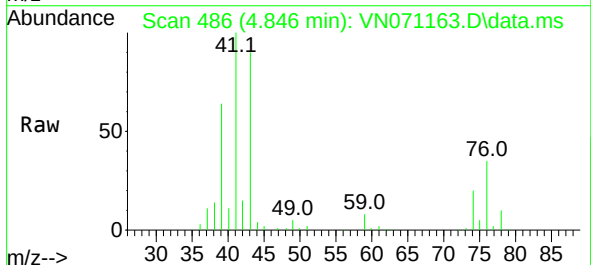
Manual Integrations
APPROVED

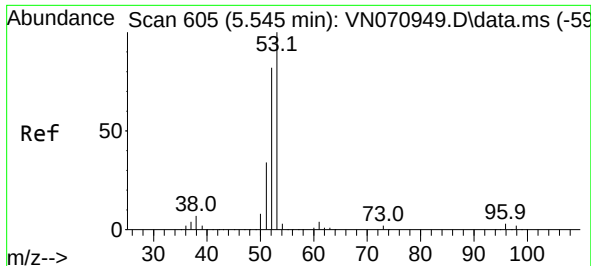
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Allyl chloride
Concen: 19.216 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

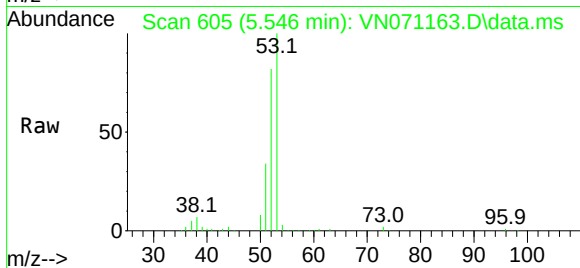
Tgt Ion: 41 Resp: 218962
Ion Ratio Lower Upper
41 100
39 61.7 61.2 91.8
76 30.3 26.0 39.0





#15
Acrylonitrile
Concen: 107.879 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

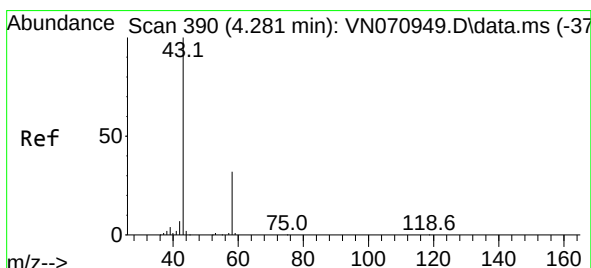
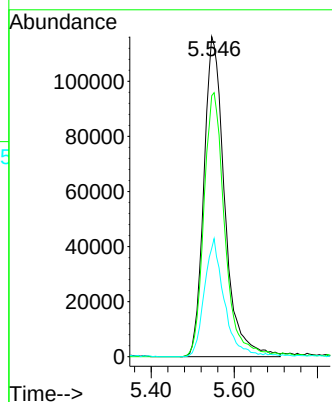
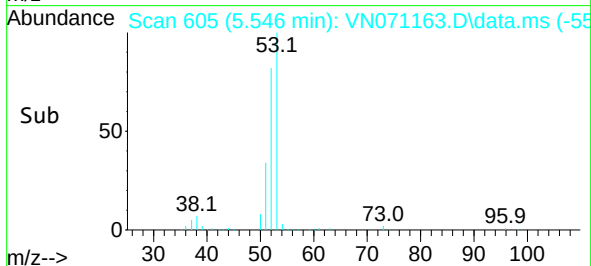
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion: 53 Resp: 403714
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.1 29.6 44.4

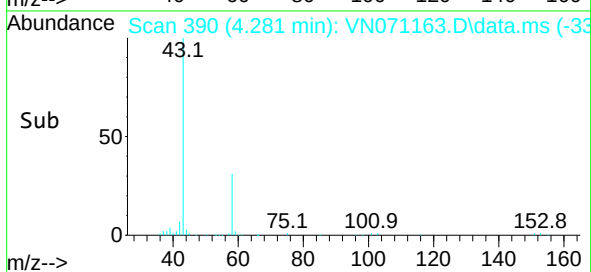
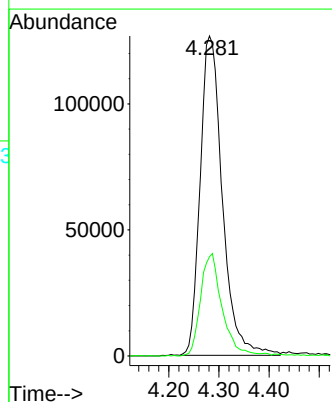
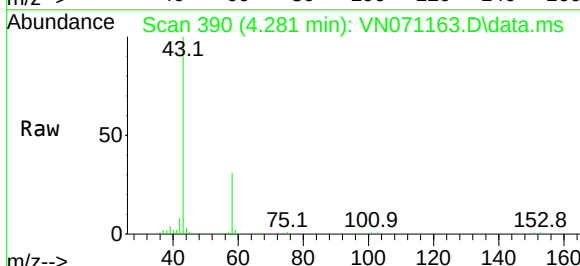
Manual Integrations
APPROVED

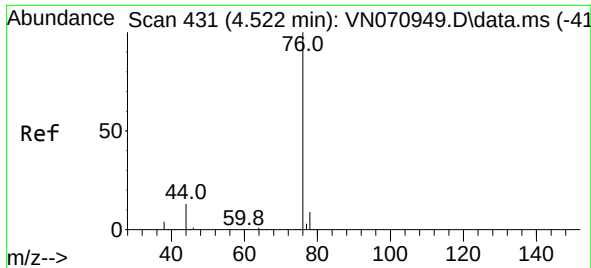
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#16
Acetone
Concen: 101.564 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion: 43 Resp: 389935
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7





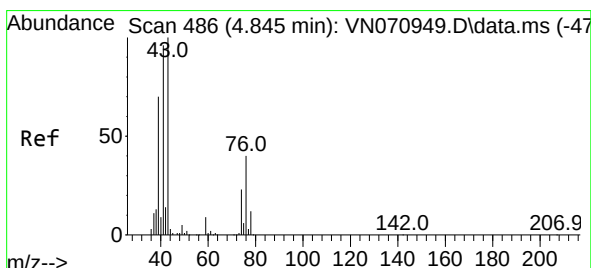
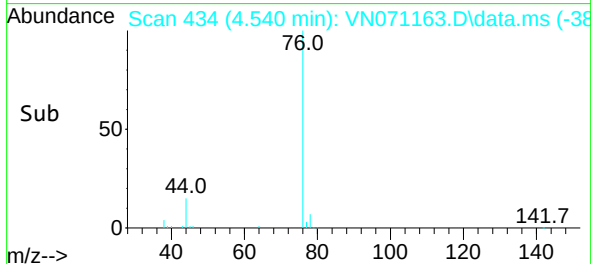
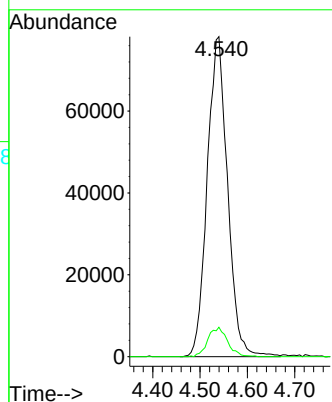
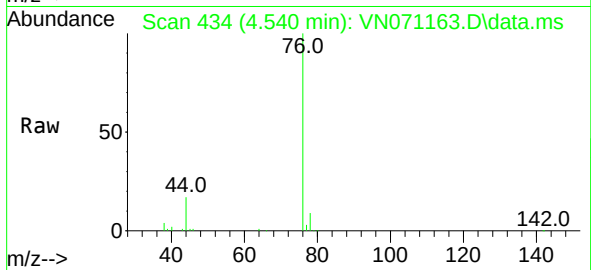
#17
Carbon Disulfide
Concen: 13.611 ug/l
RT: 4.540 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion: 76 Resp: 23321
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

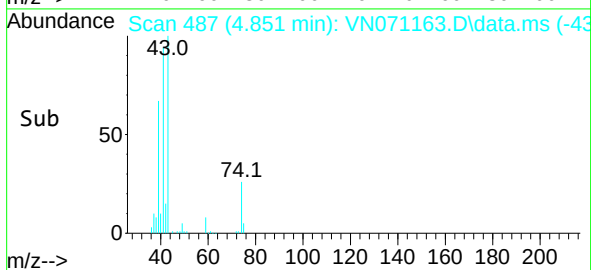
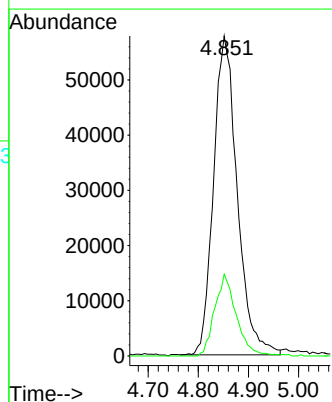
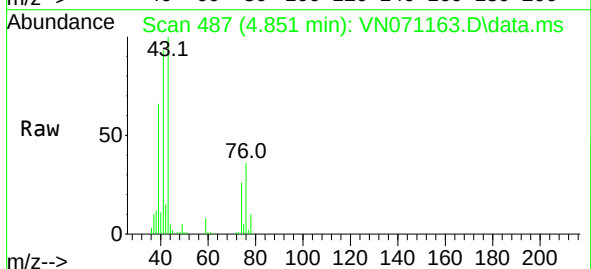
Manual Integrations
APPROVED

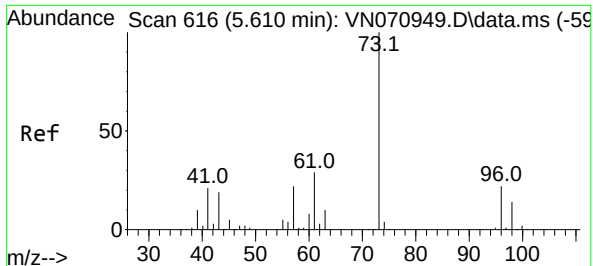
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#18
Methyl Acetate
Concen: 22.280 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

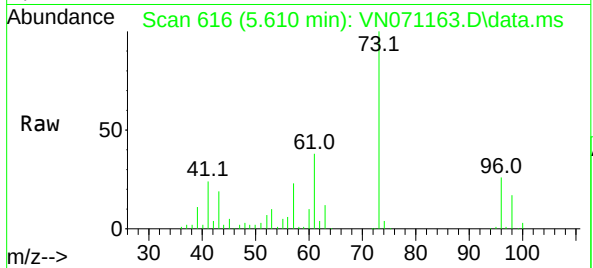
Tgt Ion: 43 Resp: 190104
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.861 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

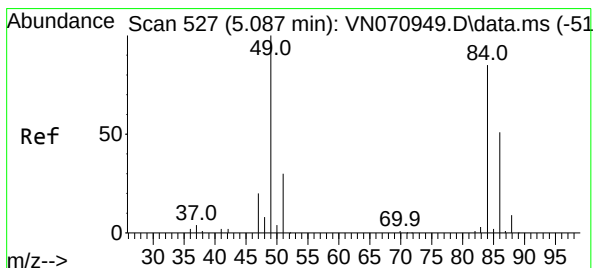
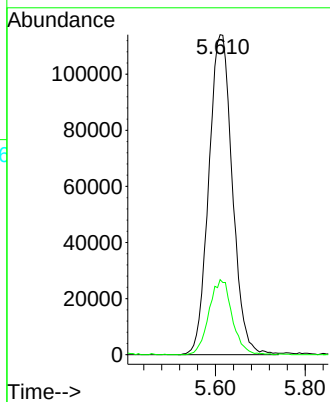
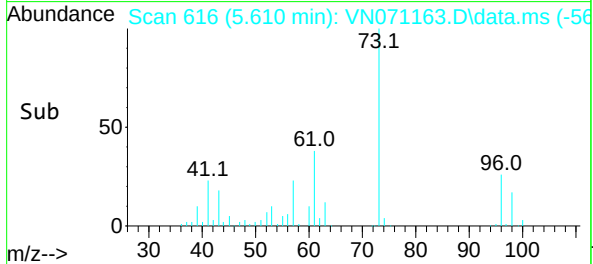
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



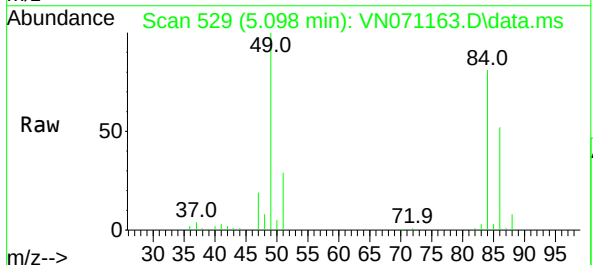
Tgt Ion: 73 Resp: 416244
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

Manual Integrations
APPROVED

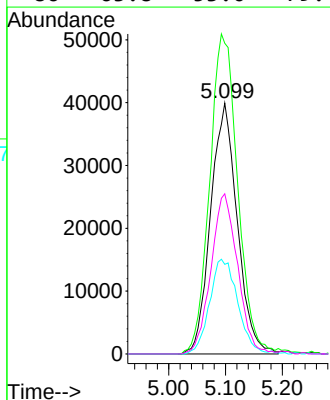
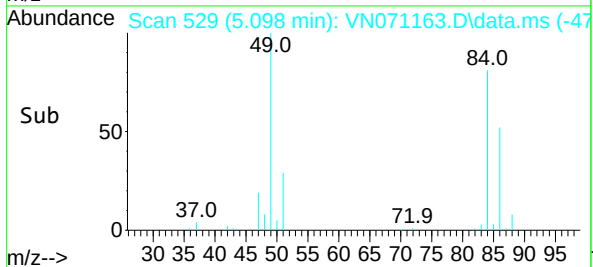
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

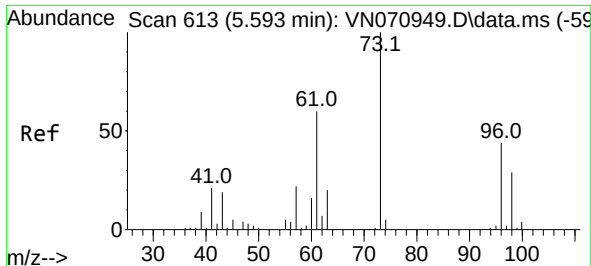


#20
Methylene Chloride
Concen: 18.635 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



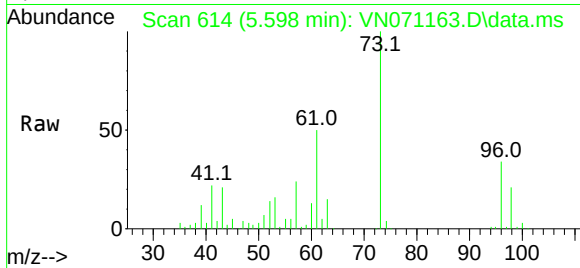
Tgt Ion: 84 Resp: 130029
Ion Ratio Lower Upper
84 100
49 123.9 93.5 140.3
51 35.7 29.4 44.2
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.039 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

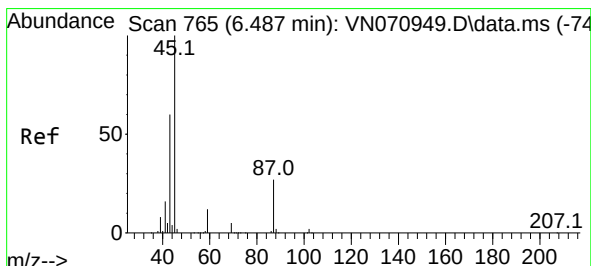
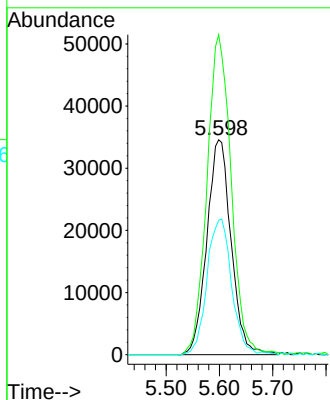
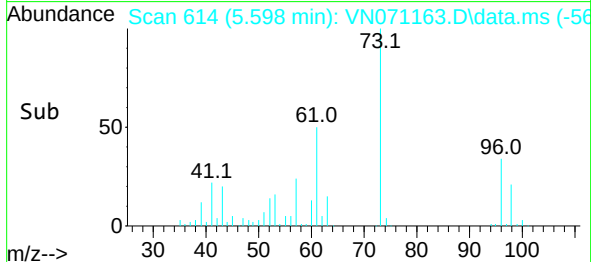
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



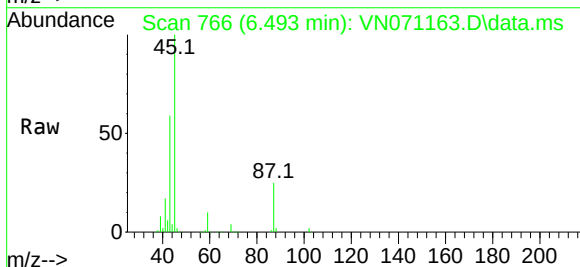
Tgt Ion: 96 Resp: 10926
Ion Ratio Lower Upper
96 100
61 148.9 105.8 158.6
98 62.6 52.0 78.0

Manual Integrations
APPROVED

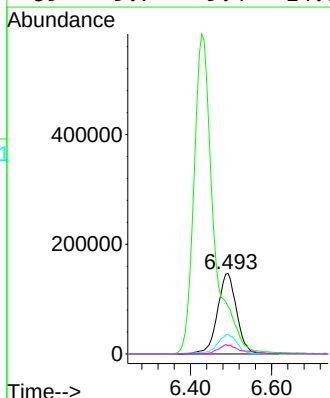
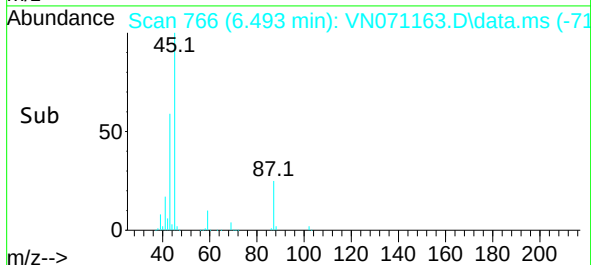
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

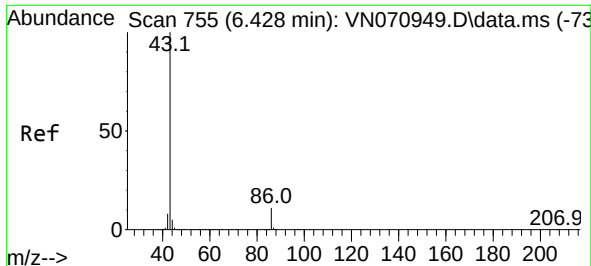


#22
Diisopropyl ether
Concen: 22.092 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



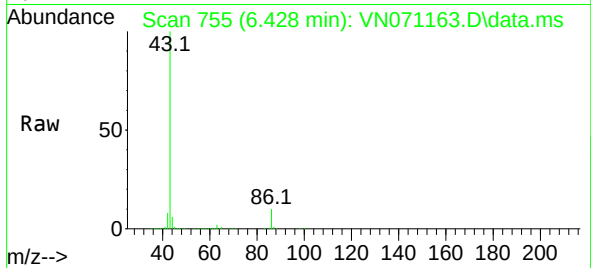
Tgt Ion: 45 Resp: 482801
Ion Ratio Lower Upper
45 100
43 57.7 51.7 77.5
87 24.6 23.2 34.8
59 9.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 105.875 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071163.D
 Acq: 04 Mar 2022 11:53

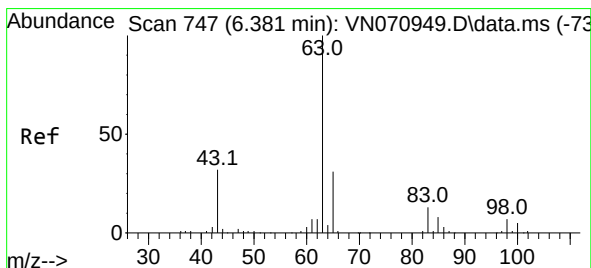
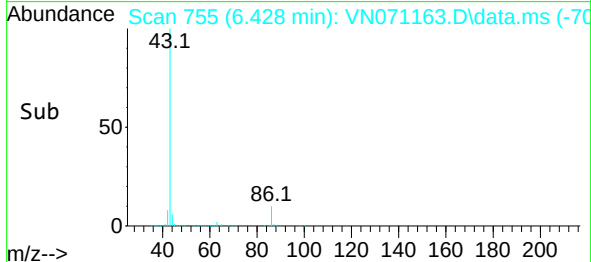
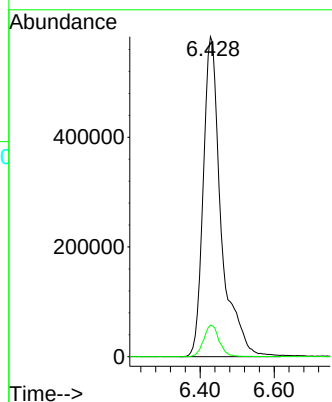
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS01



Tgt Ion: 43 Resp: 195867
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

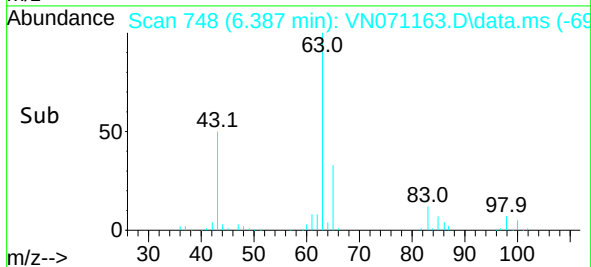
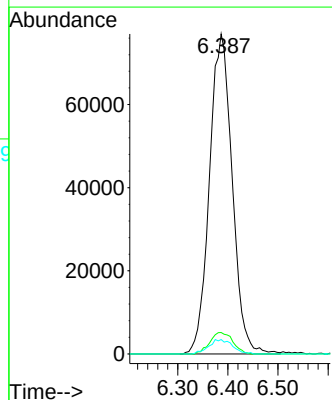
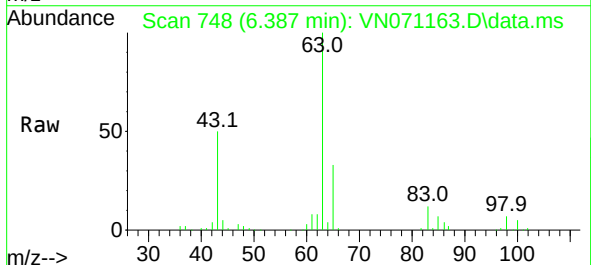
Manual Integrations
 APPROVED

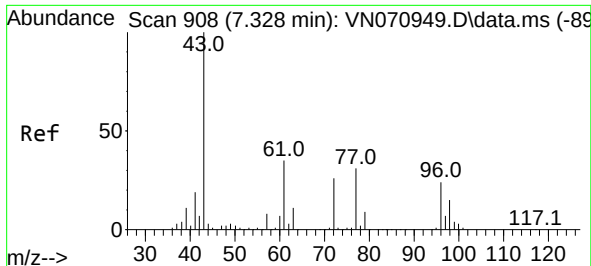
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 19.816 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071163.D
 Acq: 04 Mar 2022 11:53

Tgt Ion: 63 Resp: 242769
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.5 2.1 6.5





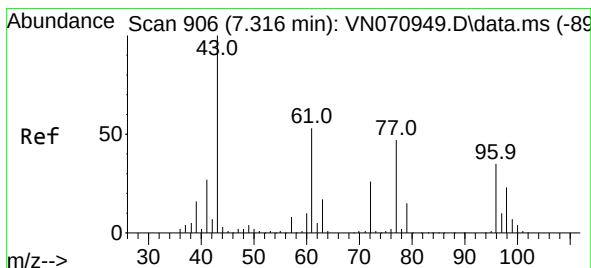
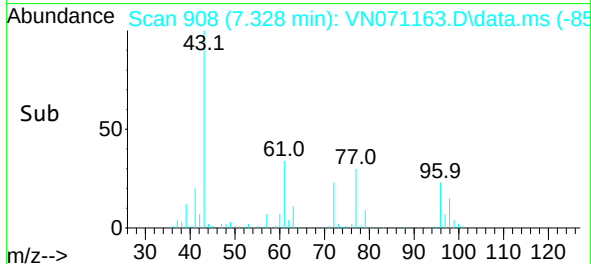
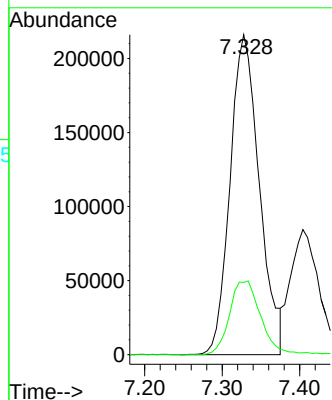
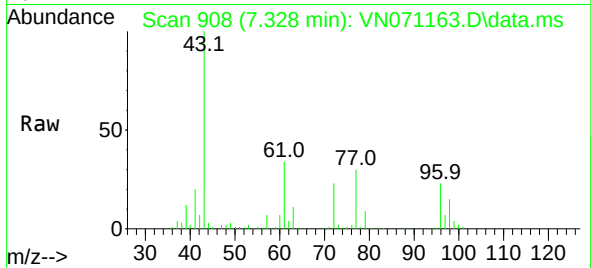
#25
2-Butanone
Concen: 111.301 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion: 43 Resp: 568456
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

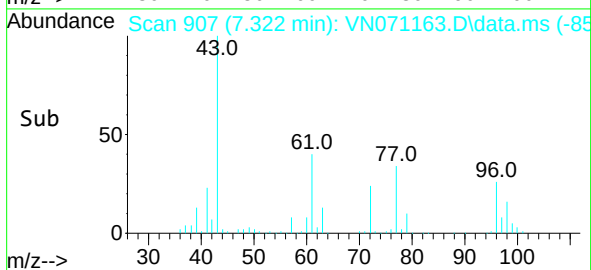
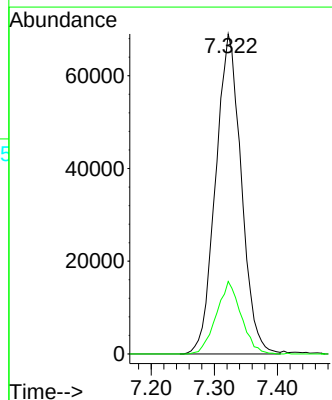
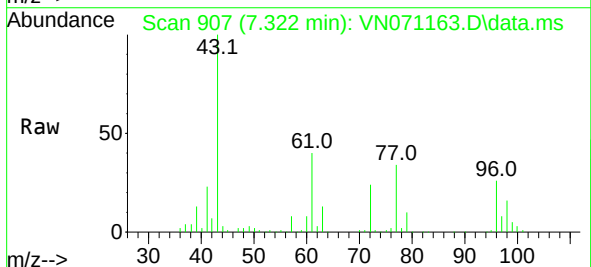
Manual Integrations
APPROVED

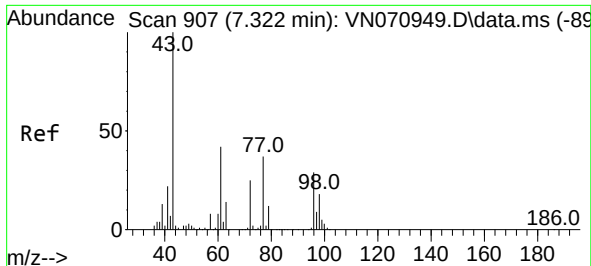
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
2,2-Dichloropropane
Concen: 19.126 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion: 77 Resp: 194738
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.624 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN071163.D

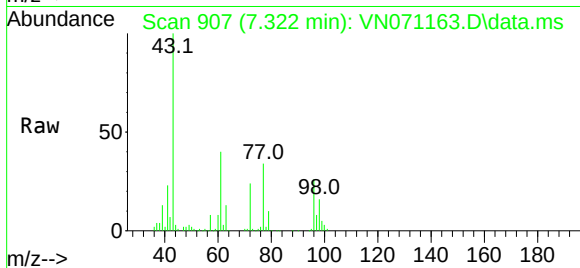
Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01



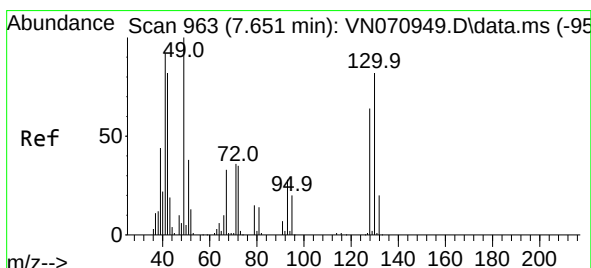
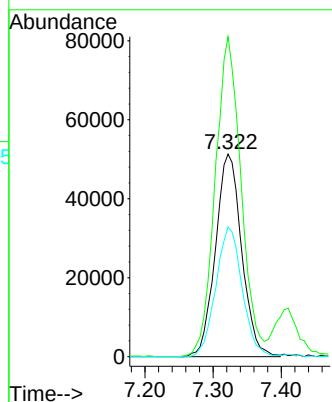
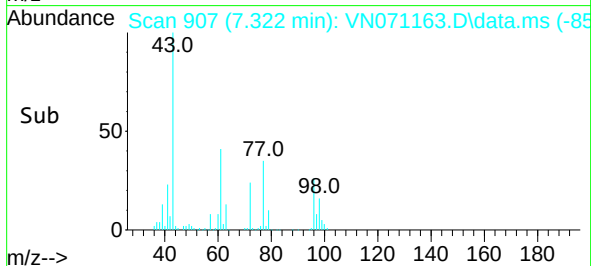
Tgt Ion:	96	Resp:	137269
Ion	Ratio	Lower	Upper
96	100		
61	155.7	0.0	275.0
98	64.3	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#28

Bromochloromethane

Concen: 22.920 ug/l

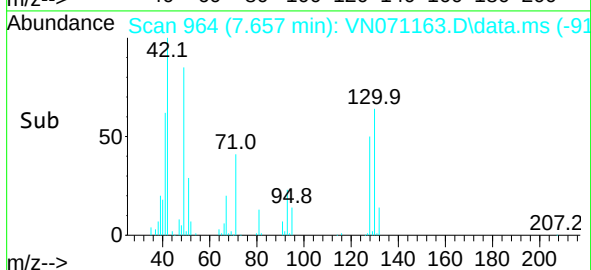
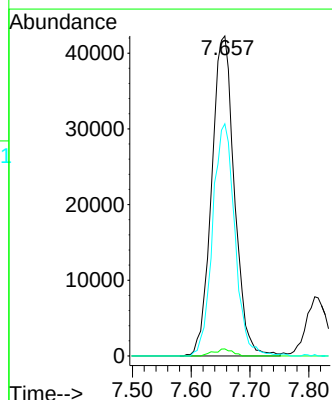
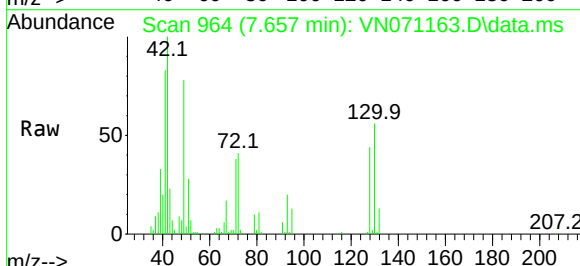
RT: 7.657 min Scan# 964

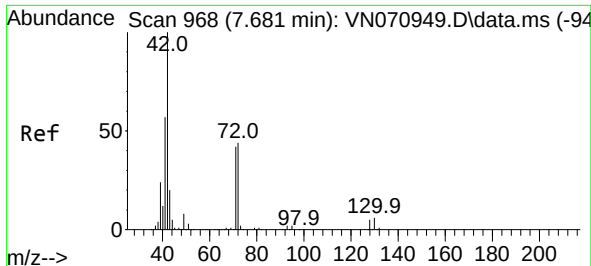
Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Tgt Ion:	49	Resp:	113650
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	70.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 109.610 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

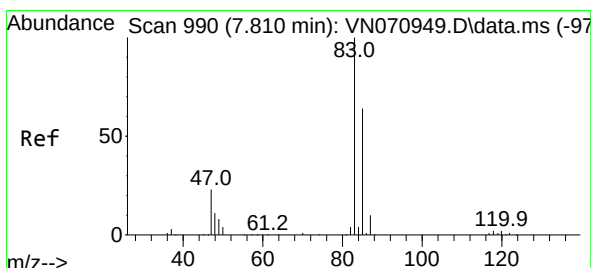
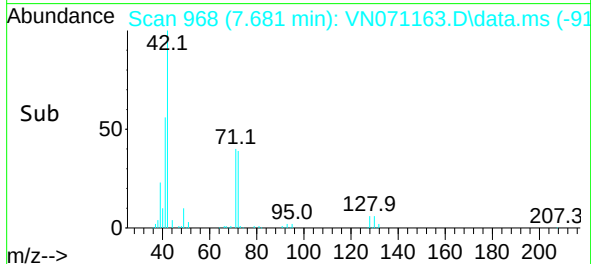
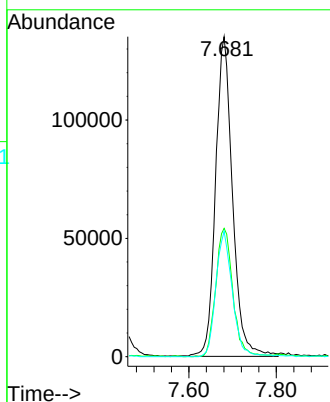
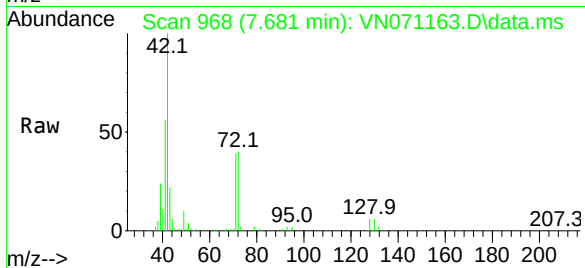
Tgt Ion:	42	Resp:	36265
Ion Ratio	Lower	Upper	
42	100		
72	40.6	36.3	54.5
71	38.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Chloroform

Concen: 19.949 ug/l

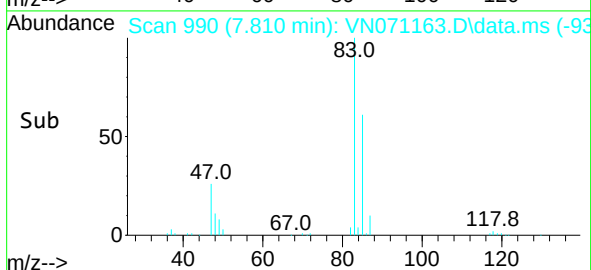
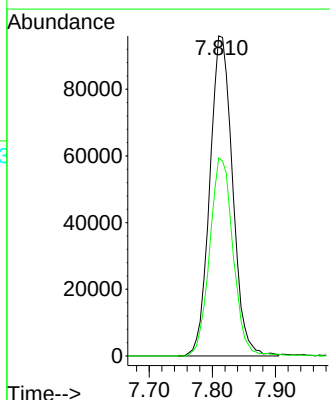
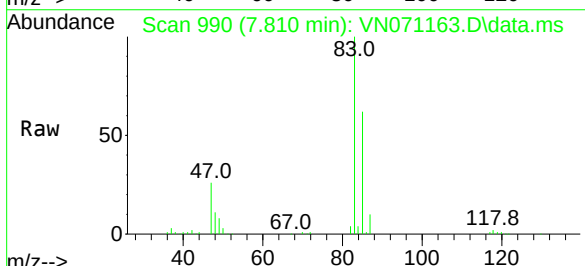
RT: 7.810 min Scan# 990

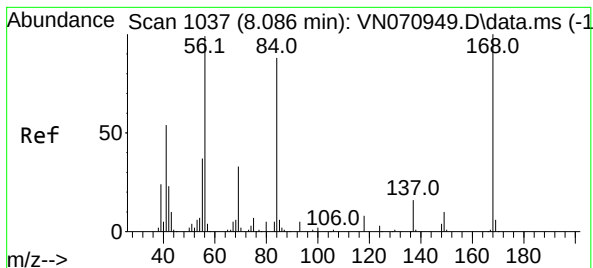
Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Tgt Ion:	83	Resp:	240367
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.9	77.9





#31

Cyclohexane

Concen: 18.416 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

Tgt Ion: 56 Resp: 222035

Ion Ratio Lower Upper

56 100

69 34.5 27.1 40.7

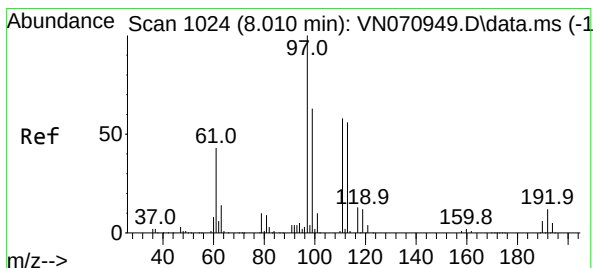
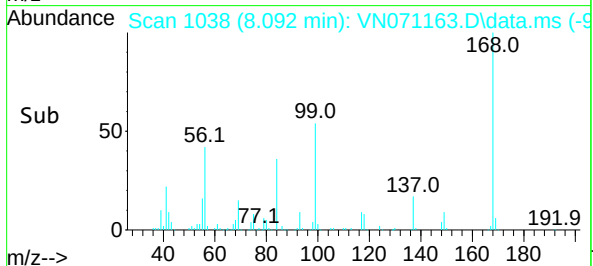
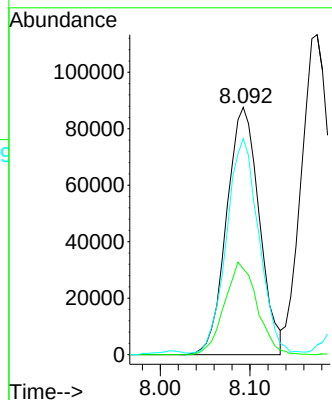
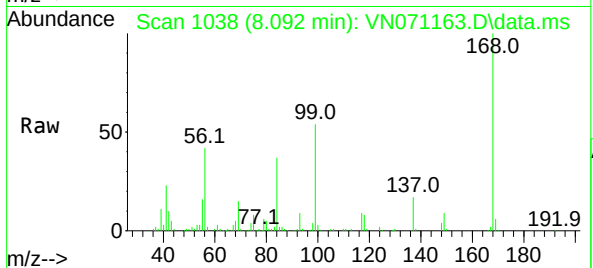
84 86.2 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#32

1,1,1-Trichloroethane

Concen: 19.321 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

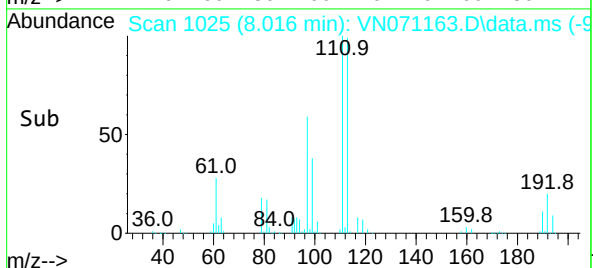
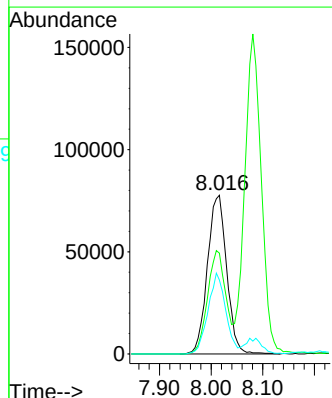
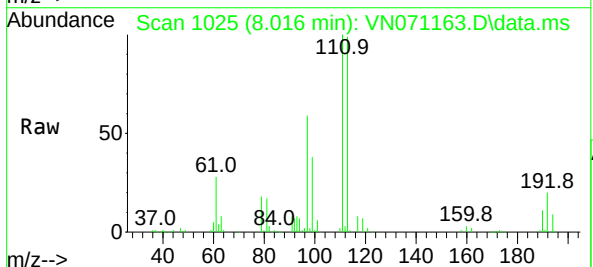
Tgt Ion: 97 Resp: 201043

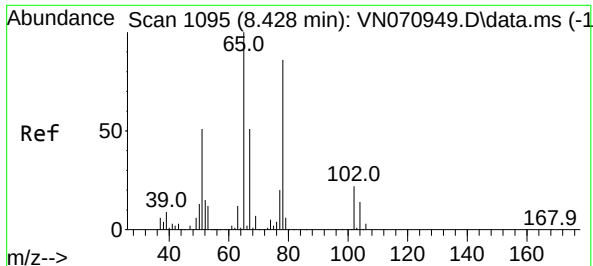
Ion Ratio Lower Upper

97 100

99 61.2 50.1 75.1

61 46.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 58.580 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

Tgt Ion: 65 Resp: 40838

Ion Ratio Lower Upper

65 100

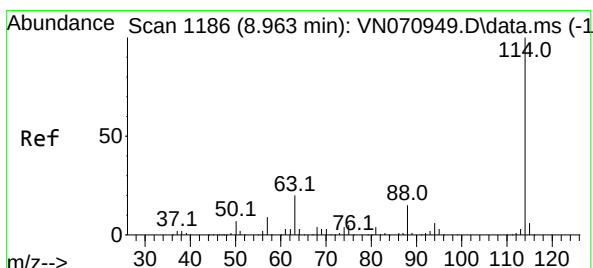
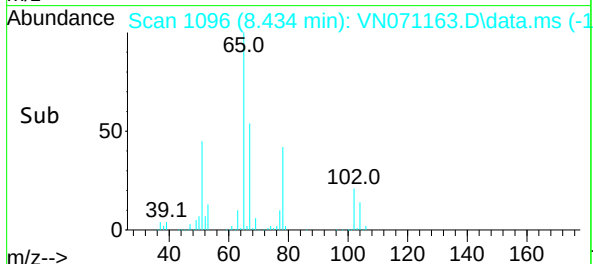
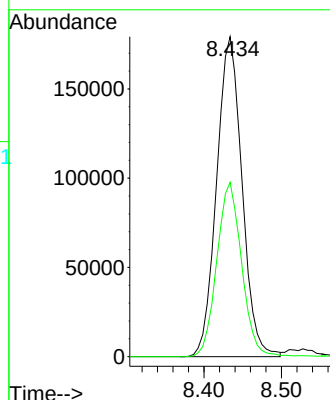
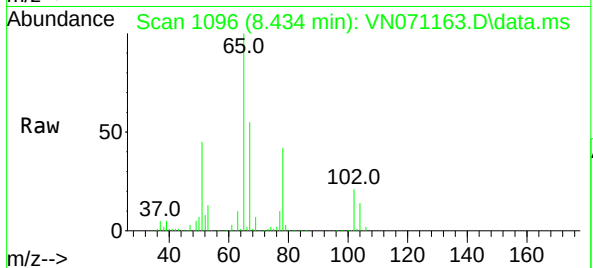
67 53.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

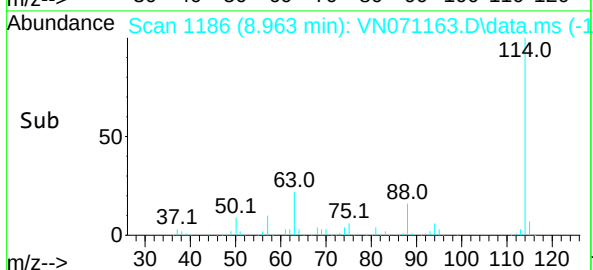
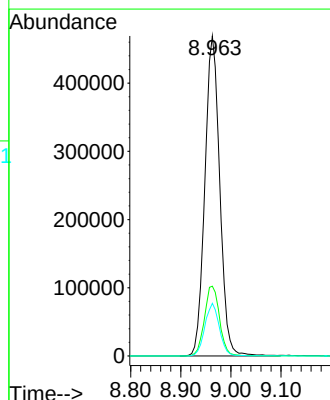
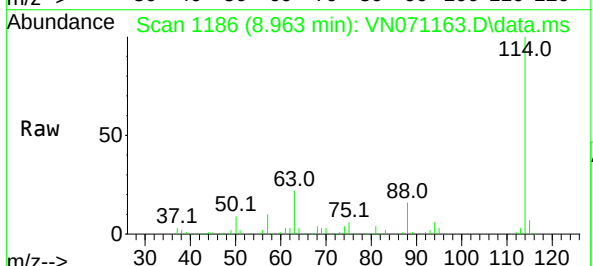
Tgt Ion:114 Resp: 968875

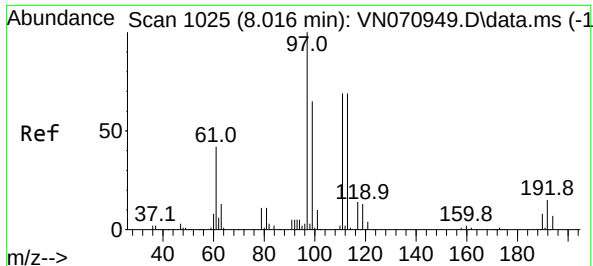
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.5 0.0 27.4





#35

Dibromofluoromethane

Concen: 54.566 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

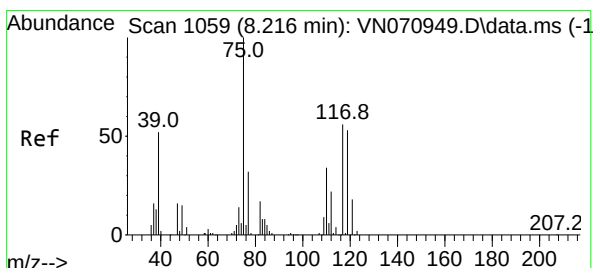
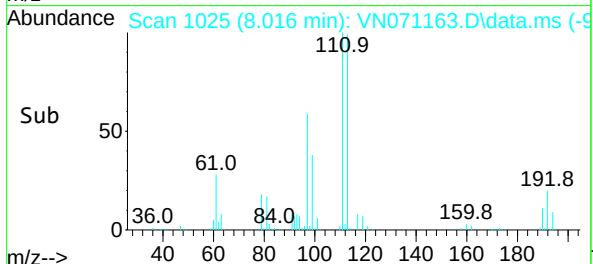
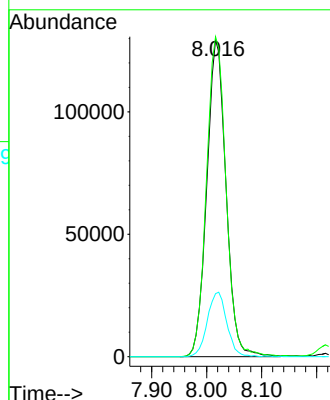
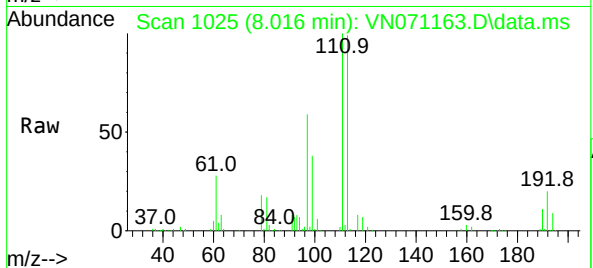
Tgt Ion:113 Resp: 314454
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 20.6 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#36

1,1-Dichloropropene

Concen: 17.696 ug/l

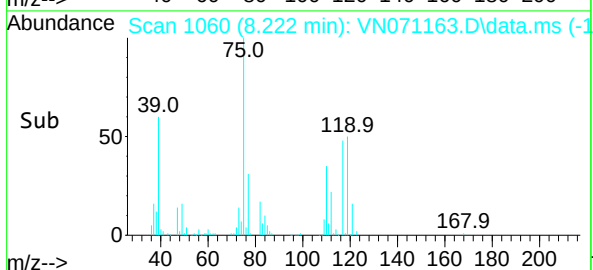
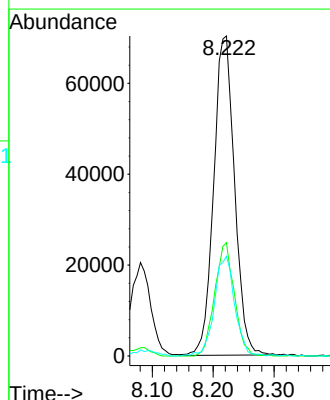
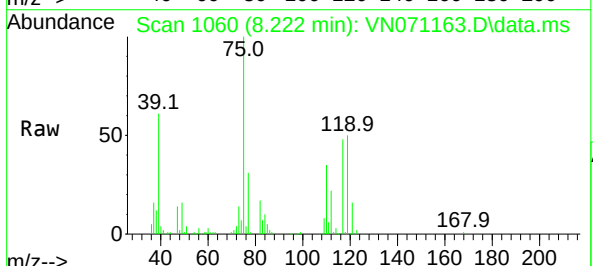
RT: 8.222 min Scan# 1060

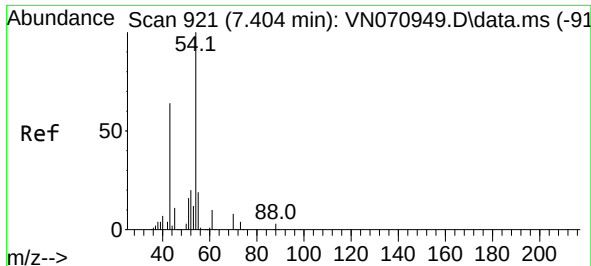
Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

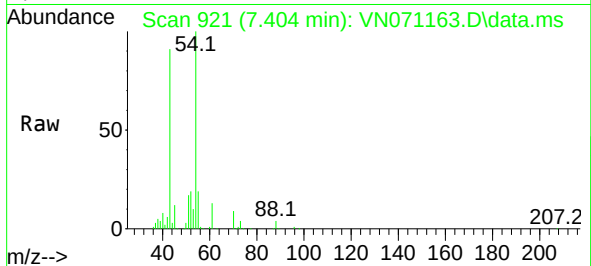
Tgt Ion: 75 Resp: 167074
 Ion Ratio Lower Upper
 75 100
 110 33.5 18.4 55.2
 77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 22.011 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

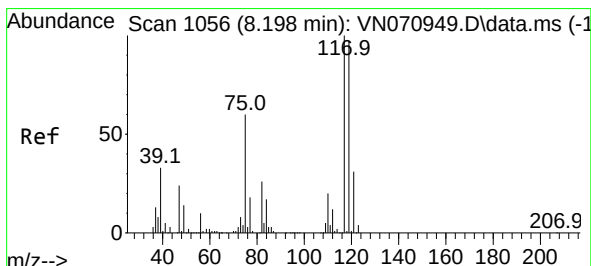
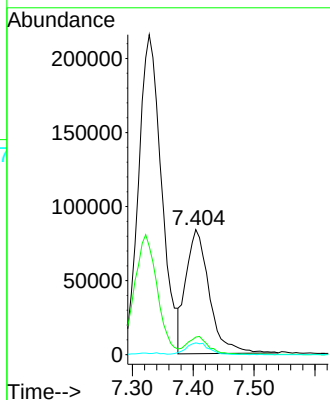
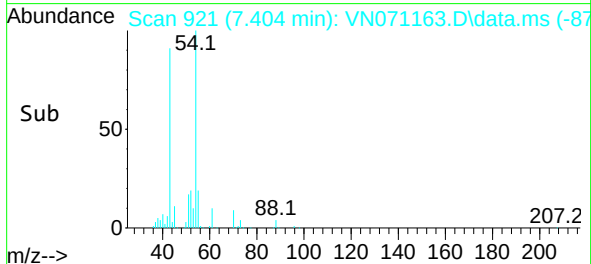
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion: 43 Resp: 22287
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.4 7.9 11.9

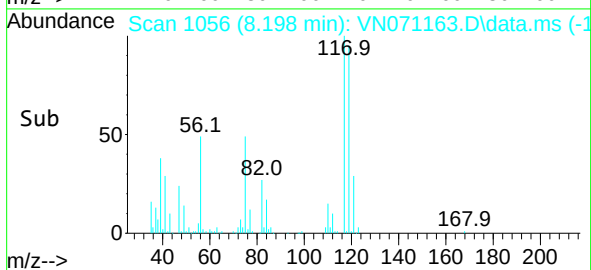
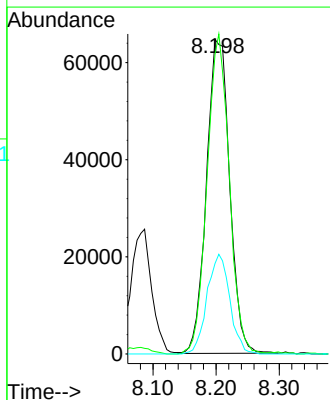
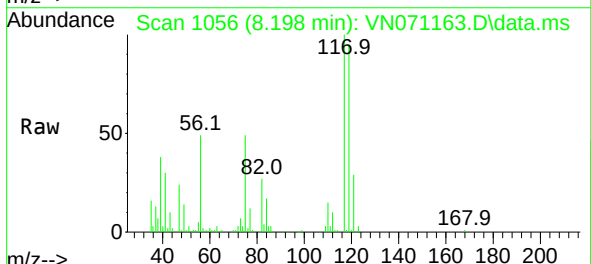
Manual Integrations
APPROVED

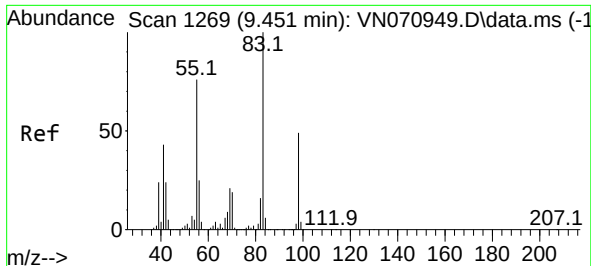
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#38
Carbon Tetrachloride
Concen: 17.781 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion:117 Resp: 165411
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 28.8 24.2 36.2





#39

Methylcyclohexane

Concen: 16.293 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071163.D

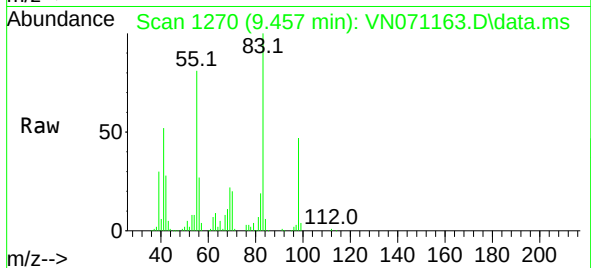
Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01



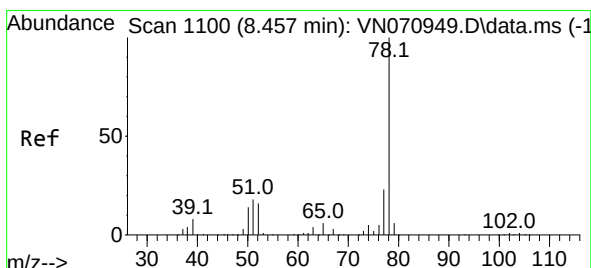
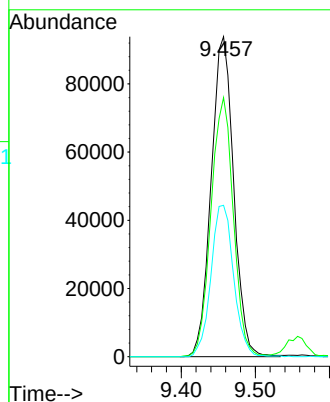
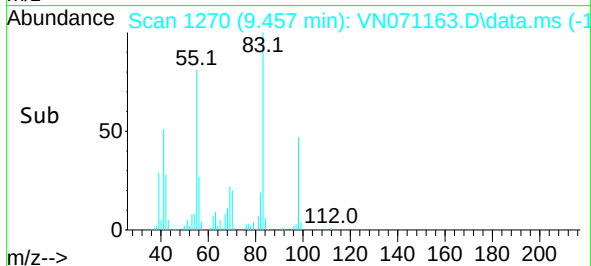
Tgt Ion: 83	Resp: 197940
Ion Ratio	Lower Upper
83	100
55	81.0 58.1 87.1
98	47.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

Benzene

Concen: 18.980 ug/l

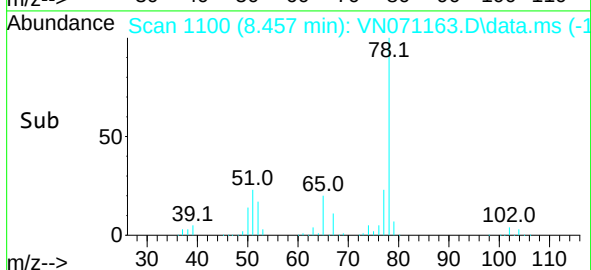
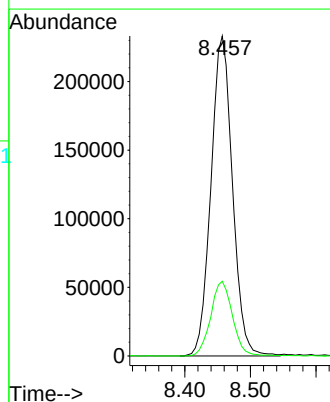
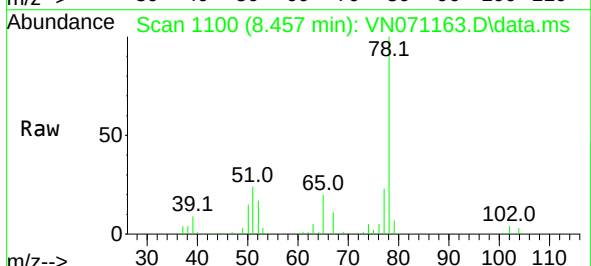
RT: 8.457 min Scan# 1100

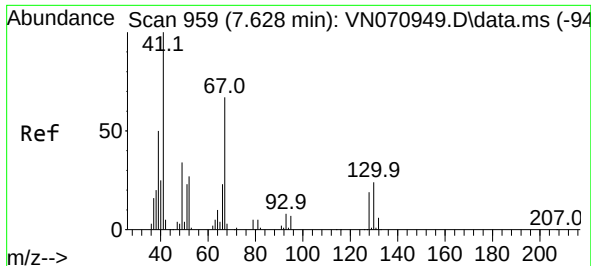
Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

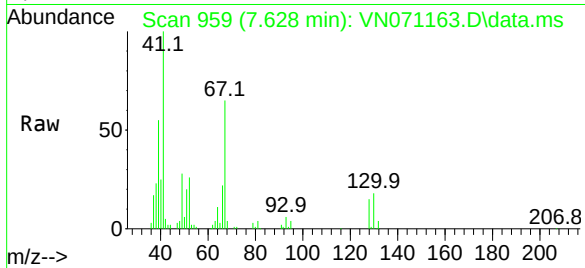
Tgt Ion: 78	Resp: 530087
Ion Ratio	Lower Upper
78	100
77	23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 19.531 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

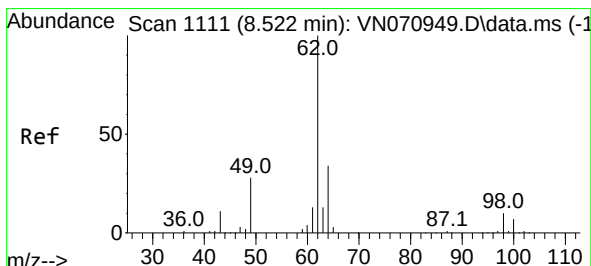
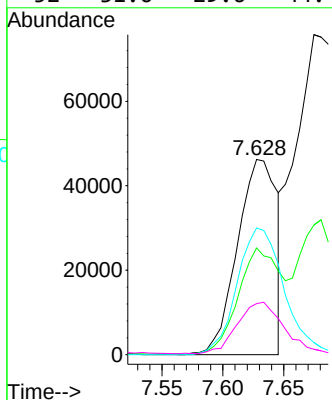
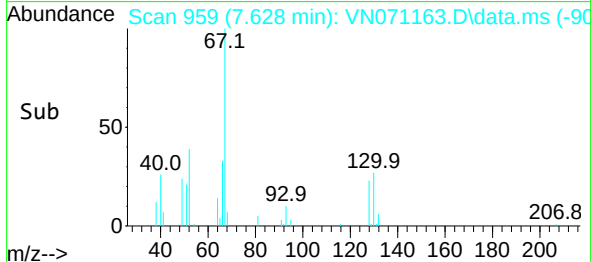
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



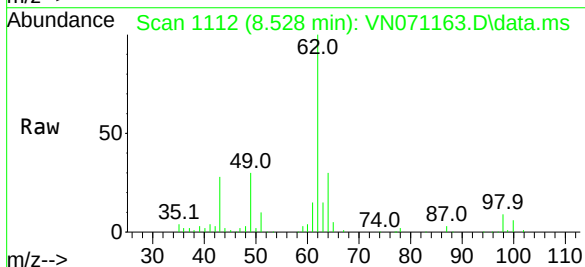
Tgt Ion: 41 Resp: 104159
Ion Ratio Lower Upper
41 100
39 58.3 48.1 72.1
67 77.7 68.3 102.5
52 31.6 29.6 44.4

Manual Integrations
APPROVED

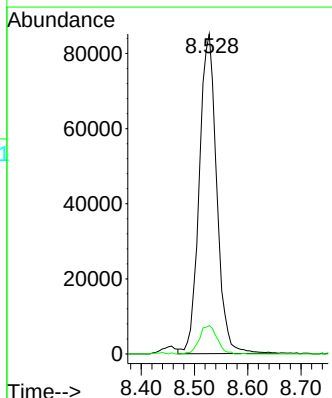
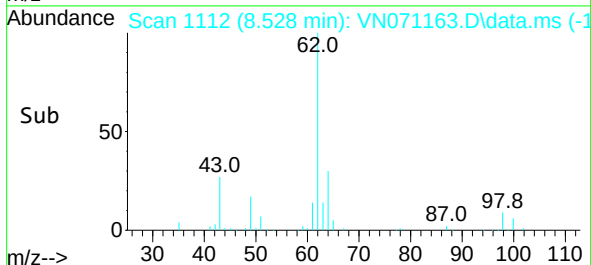
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

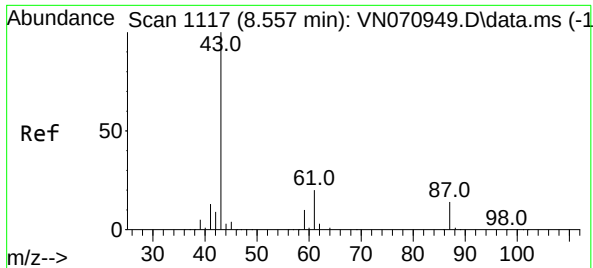


#42
1,2-Dichloroethane
Concen: 20.348 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



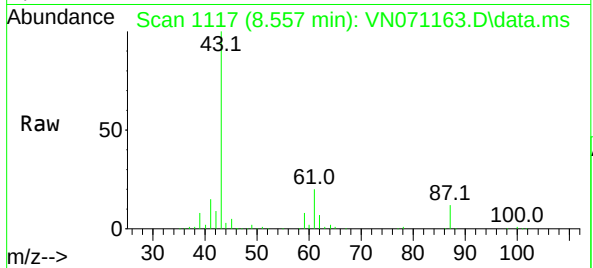
Tgt Ion: 62 Resp: 193544
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 22.461 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

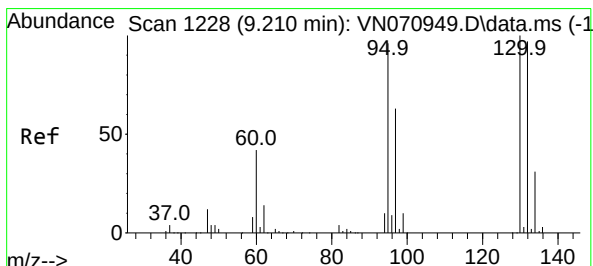
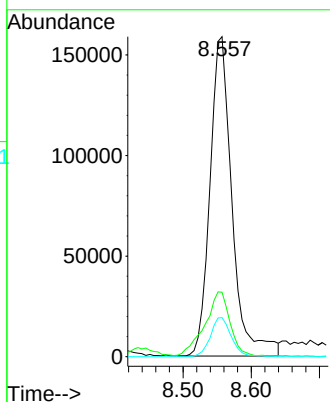
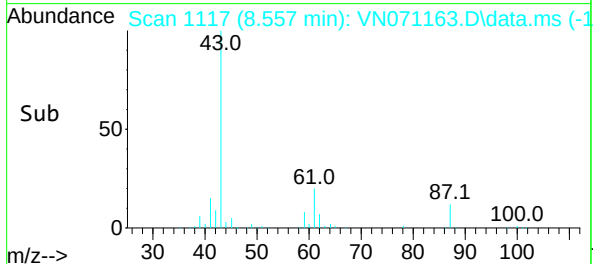
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



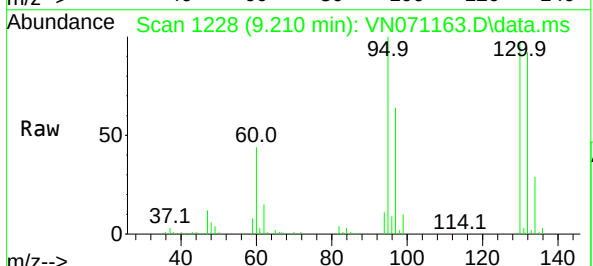
Tgt Ion: 43 Resp: 358489
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.6 11.2 16.8

Manual Integrations
APPROVED

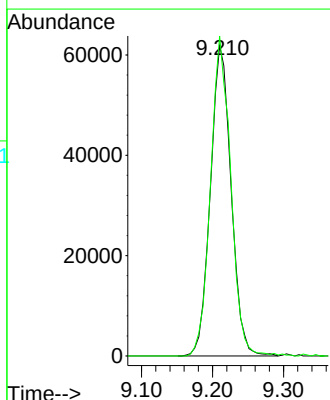
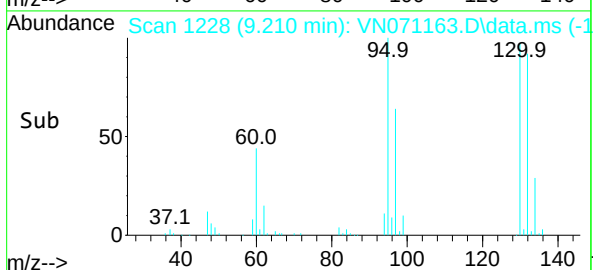
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

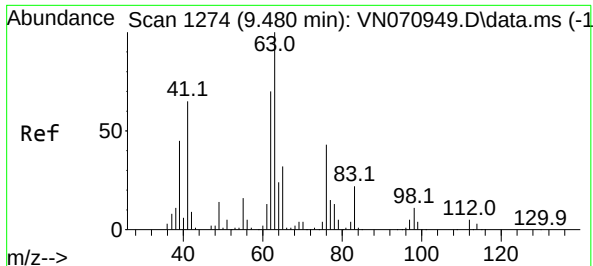


#44
Trichloroethene
Concen: 17.000 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



Tgt Ion:130 Resp: 125021
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.331 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

Tgt Ion: 63 Resp: 145440

Ion Ratio Lower Upper

63 100

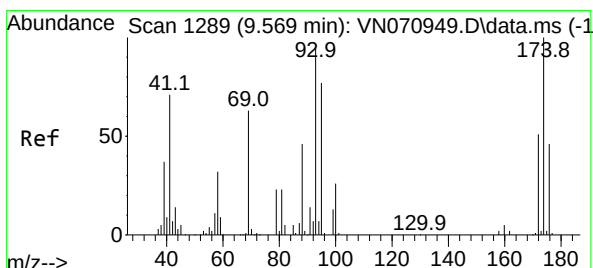
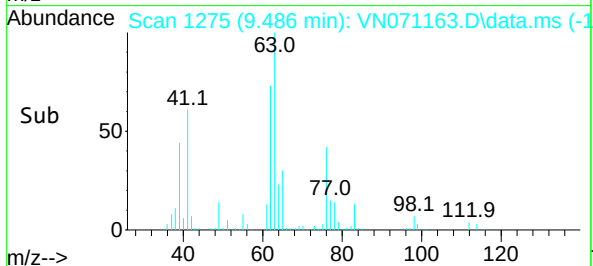
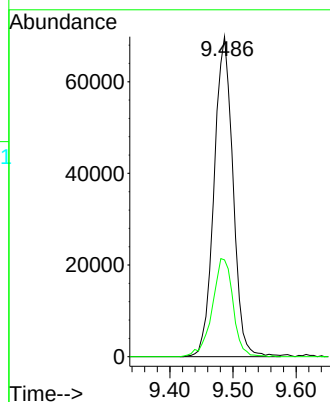
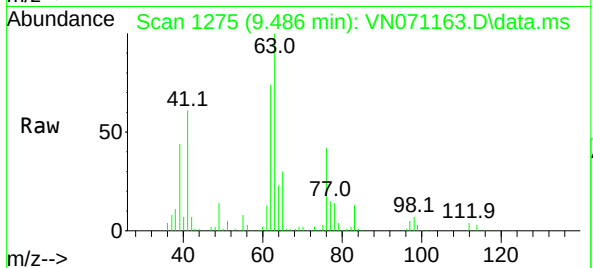
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Dibromomethane

Concen: 18.772 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

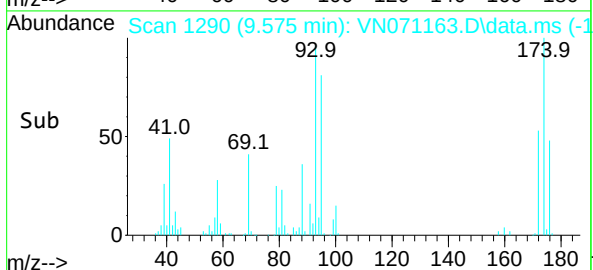
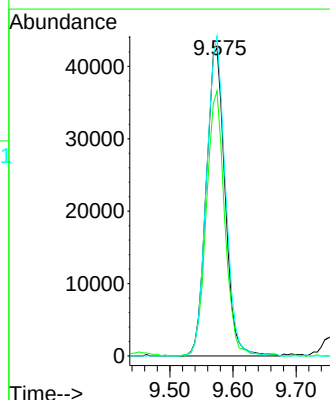
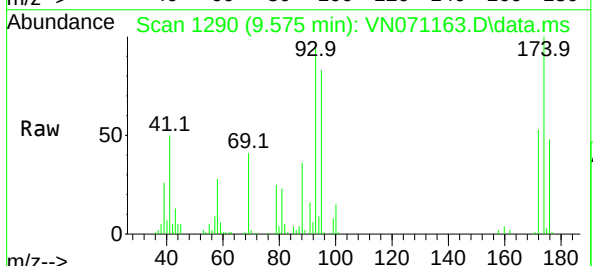
Tgt Ion: 93 Resp: 88376

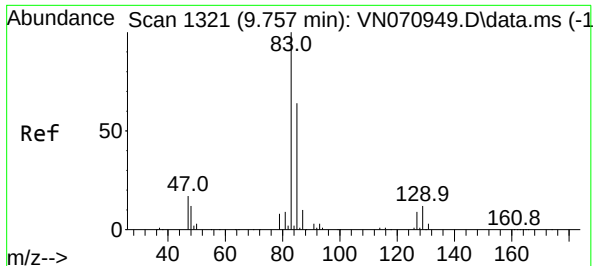
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

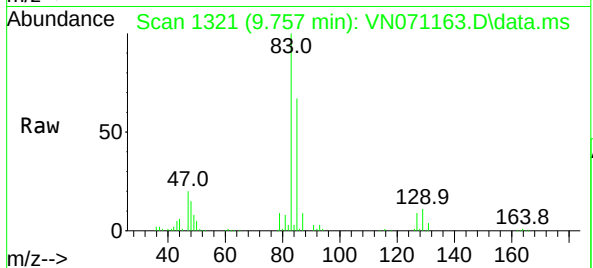
174 103.2 84.6 127.0





#47
Bromodichloromethane
Concen: 19.139 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

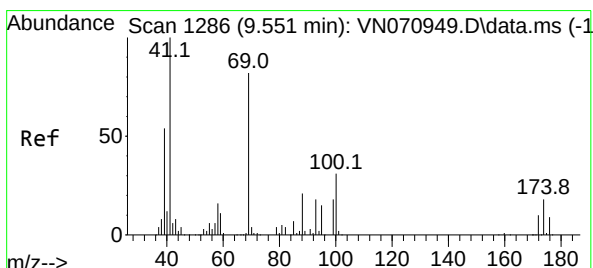
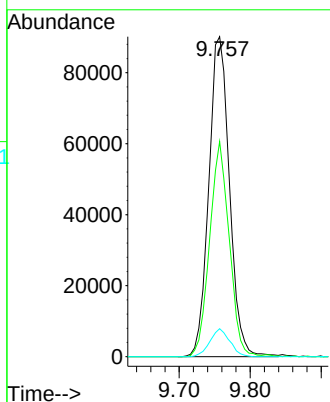
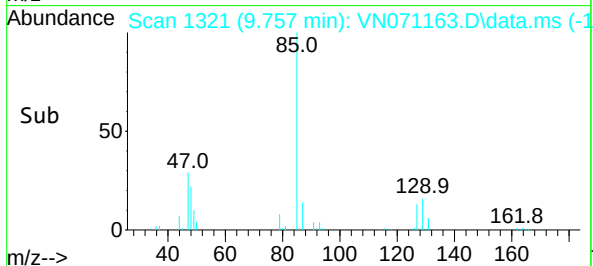
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



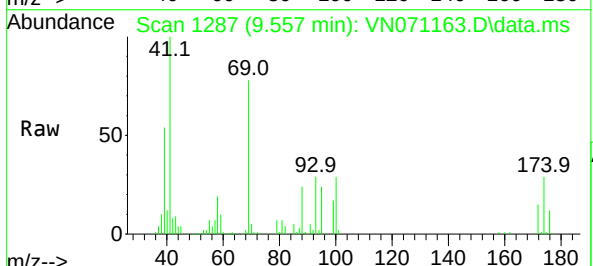
Tgt Ion: 83 Resp: 182100
Ion Ratio Lower Upper
83 100
85 67.2 50.9 76.3
127 8.7 7.1 10.7

Manual Integrations
APPROVED

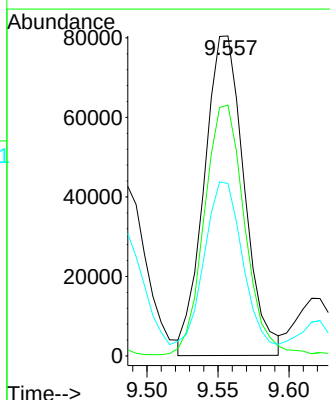
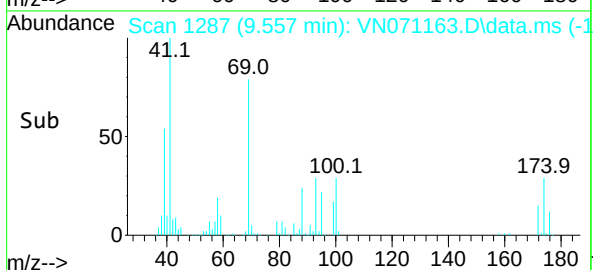
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

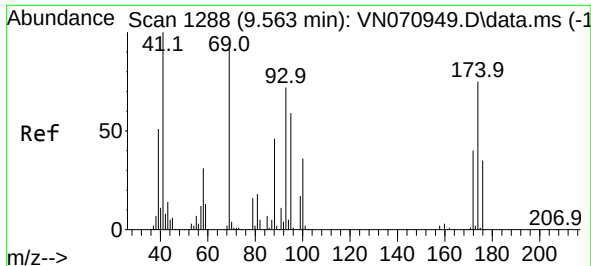


#48
Methyl methacrylate
Concen: 20.849 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



Tgt Ion: 41 Resp: 157501
Ion Ratio Lower Upper
41 100
69 79.3 72.4 108.6
39 55.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 362.510 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

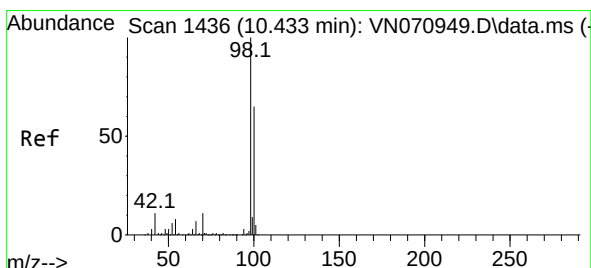
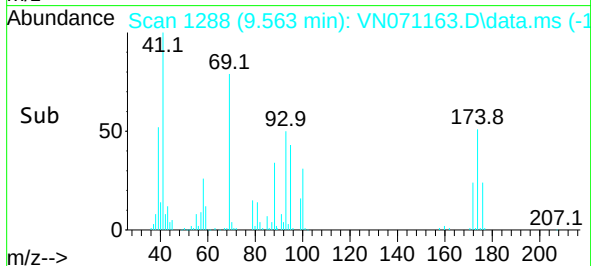
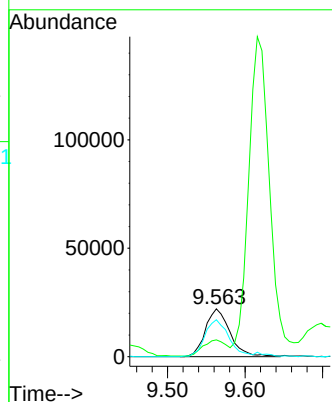
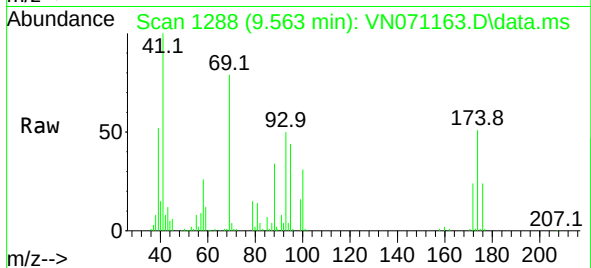
Tgt Ion:	88	Resp:	4864
Ion Ratio	Lower	Upper	
88	100		
43	32.9	23.4	35.2
58	75.0	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

Toluene-d8

Concen: 53.805 ug/l

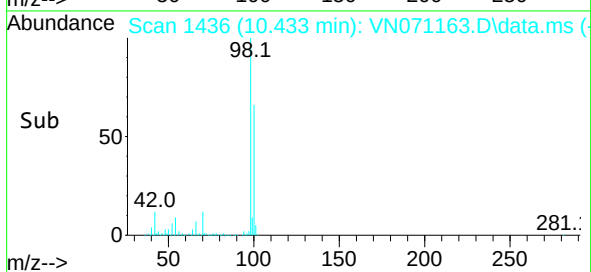
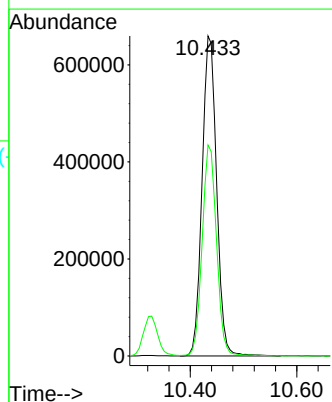
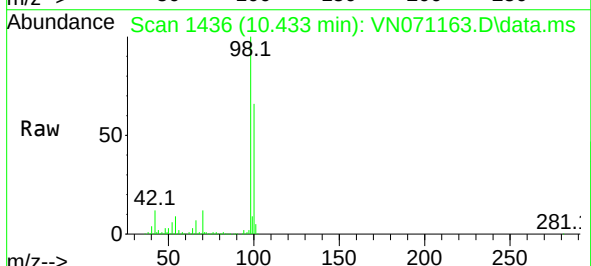
RT: 10.433 min Scan# 1436

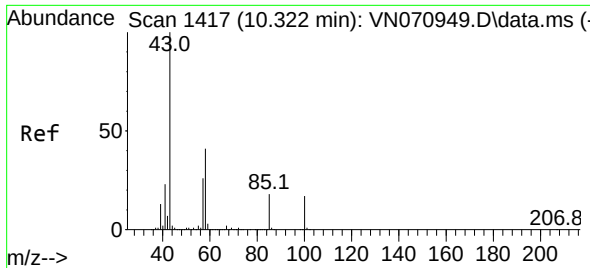
Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

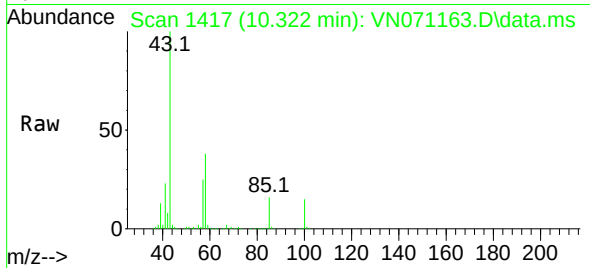
Tgt Ion:	98	Resp:	1245232
Ion Ratio	Lower	Upper	
98	100		
100	65.4	50.4	75.6





#51
4-Methyl-2-Pentanone
Concen: 109.554 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

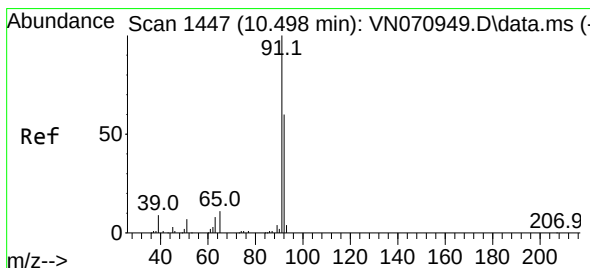
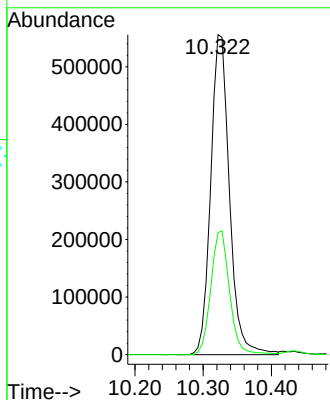
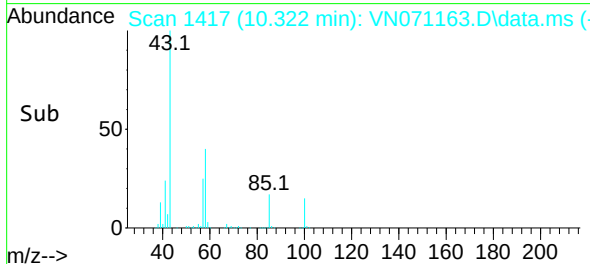
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion: 43 Resp: 106384
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

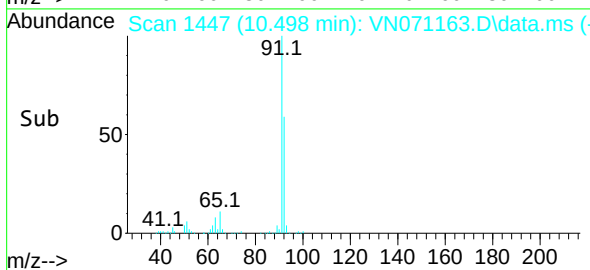
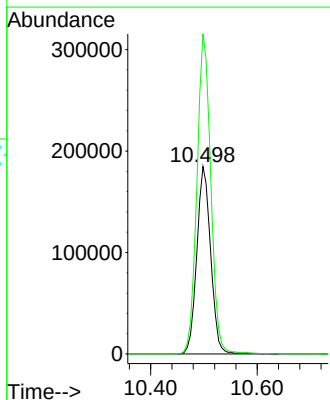
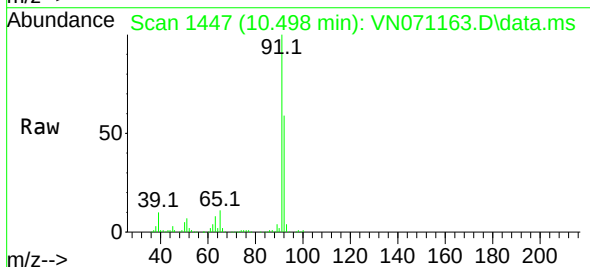
Manual Integrations
APPROVED

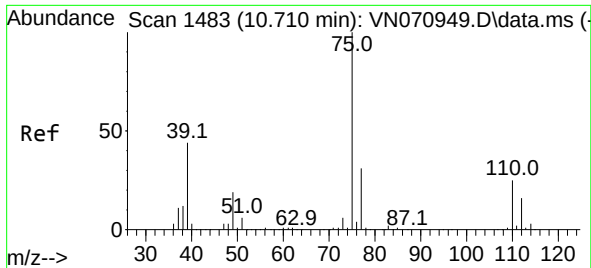
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Toluene
Concen: 19.021 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

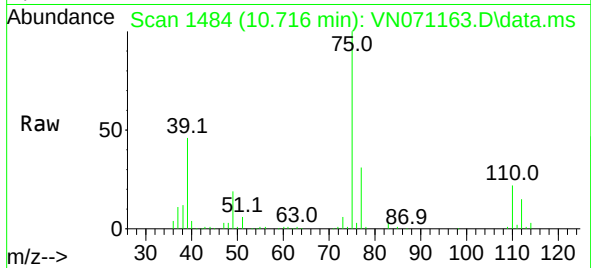
Tgt Ion: 92 Resp: 333806
Ion Ratio Lower Upper
92 100
91 170.9 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 18.525 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN071163.D
 Acq: 04 Mar 2022 11:53

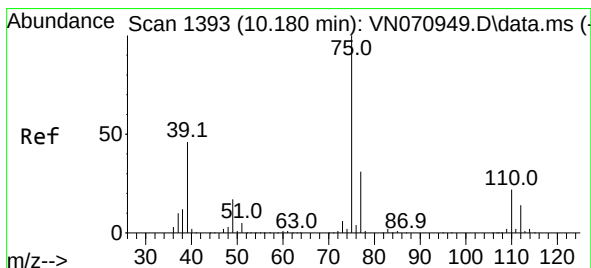
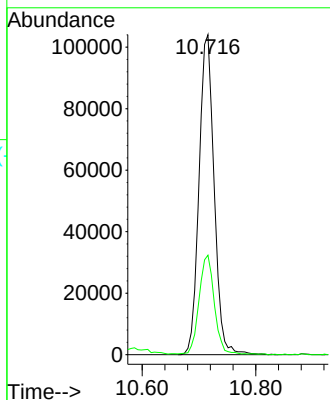
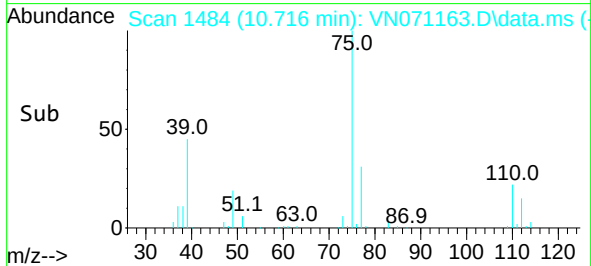
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS01



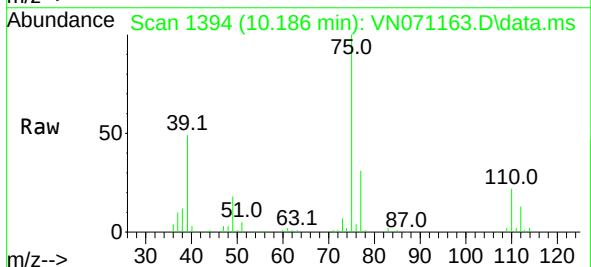
Tgt Ion: 75 Resp: 191664
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4

Manual Integrations
 APPROVED

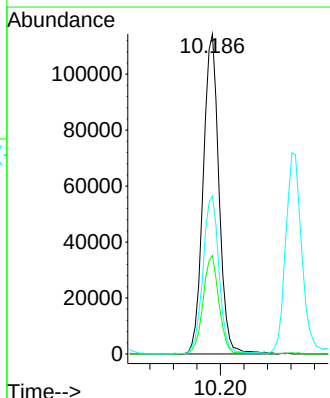
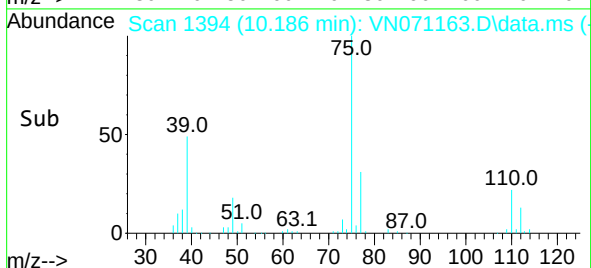
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

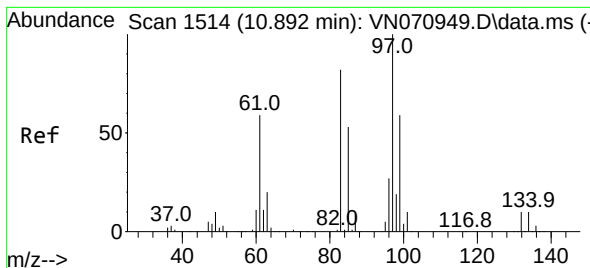


#54
 cis-1,3-Dichloropropene
 Concen: 18.796 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VN071163.D
 Acq: 04 Mar 2022 11:53



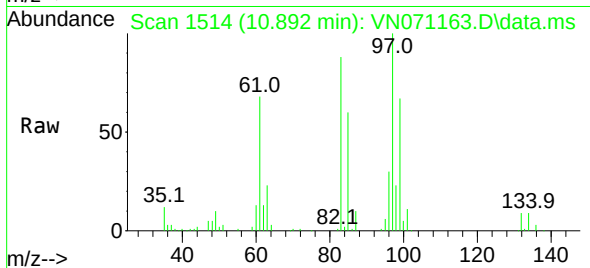
Tgt Ion: 75 Resp: 213560
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.4 39.6
 39 49.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.569 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

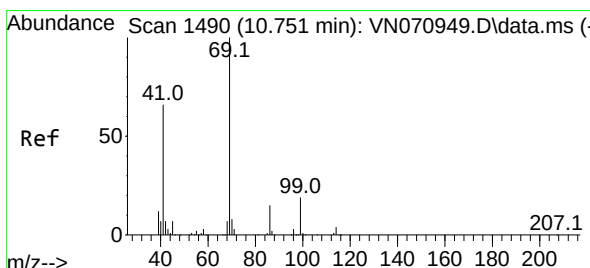
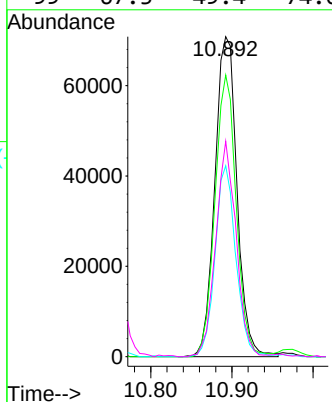
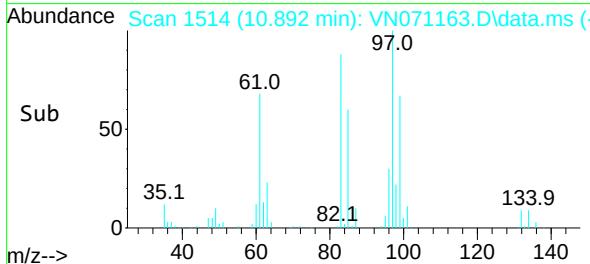
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



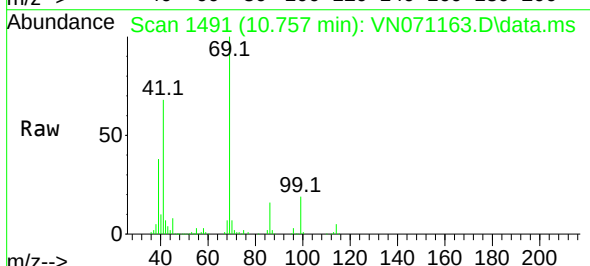
Tgt Ion: 97 Resp: 13442
Ion Ratio Lower Upper
97 100
83 88.0 67.8 101.6
85 59.6 45.4 68.2
99 67.3 49.4 74.0

Manual Integrations
APPROVED

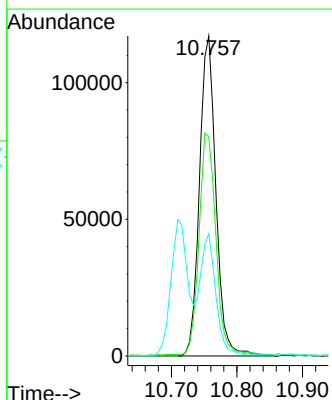
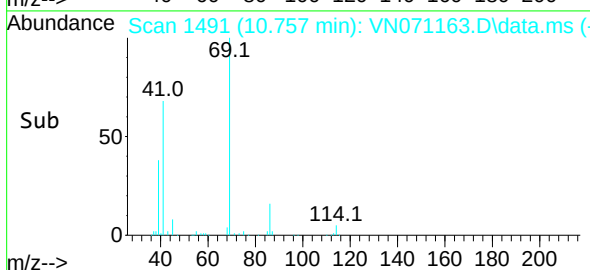
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

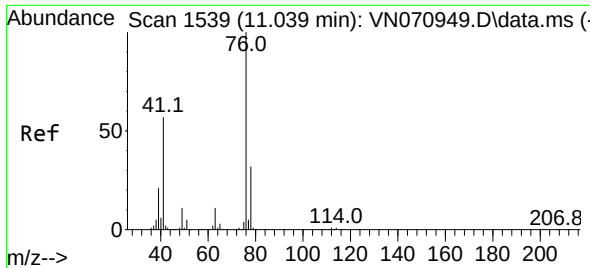


#56
Ethyl methacrylate
Concen: 19.744 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



Tgt Ion: 69 Resp: 204344
Ion Ratio Lower Upper
69 100
41 71.6 51.4 77.0
39 37.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.971 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071163.D

Acq: 04 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBS01

Tgt Ion: 76 Resp: 23729

Ion Ratio Lower Upper

76 100

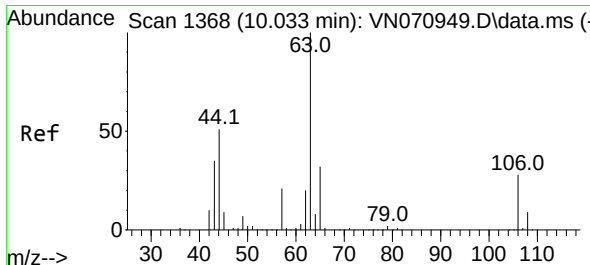
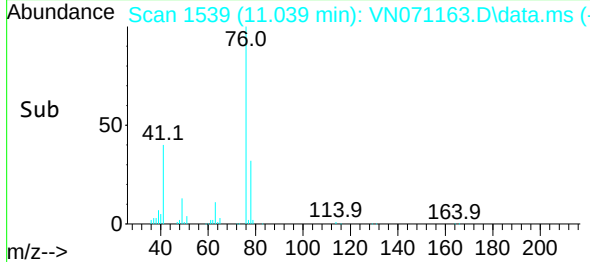
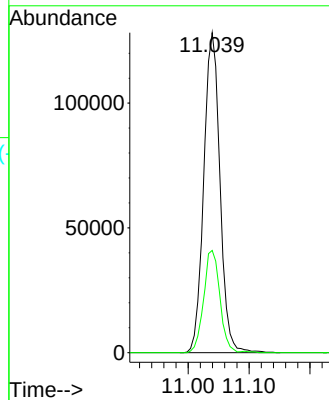
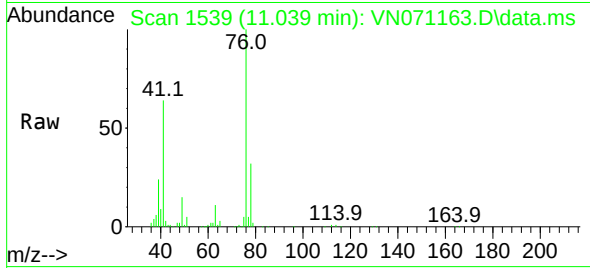
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 86.294 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071163.D

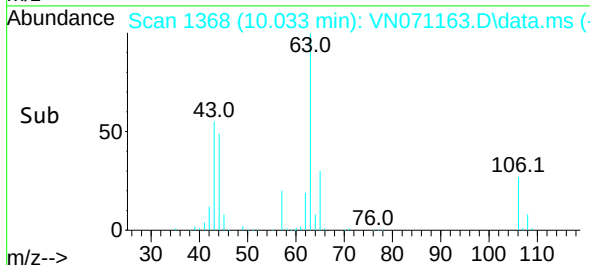
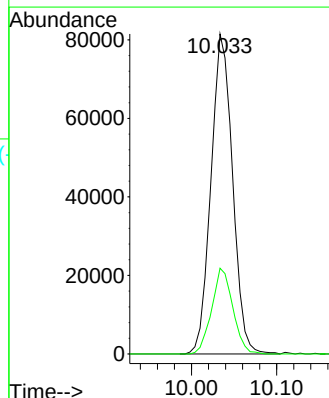
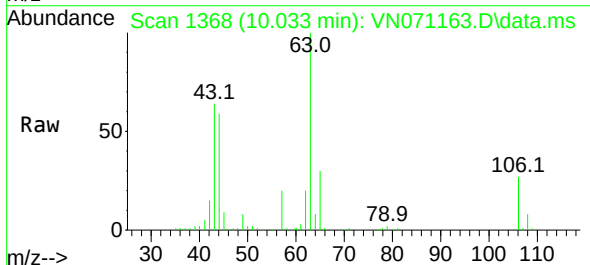
Acq: 04 Mar 2022 11:53

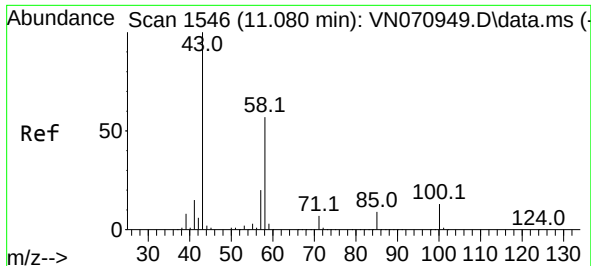
Tgt Ion: 63 Resp: 143738

Ion Ratio Lower Upper

63 100

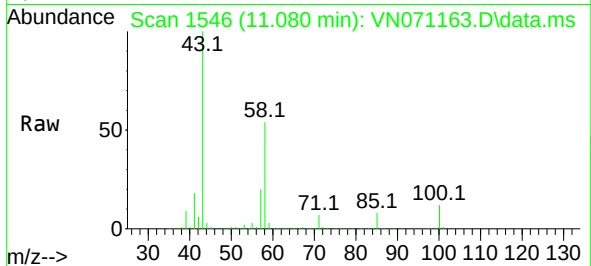
106 26.2 23.9 35.9





#59
2-Hexanone
Concen: 107.221 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

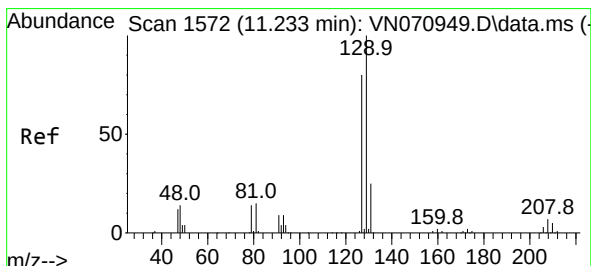
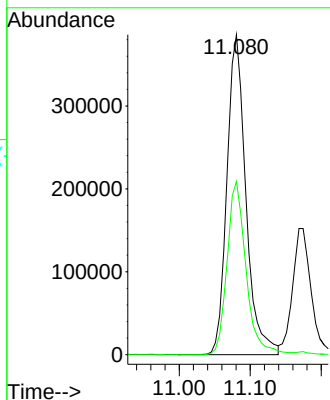
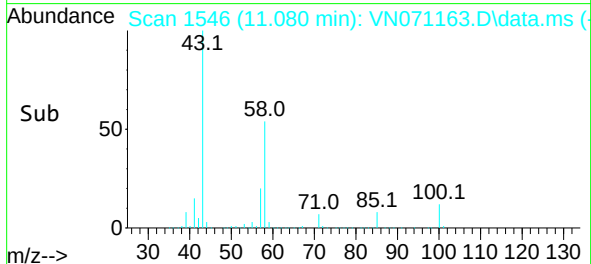
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



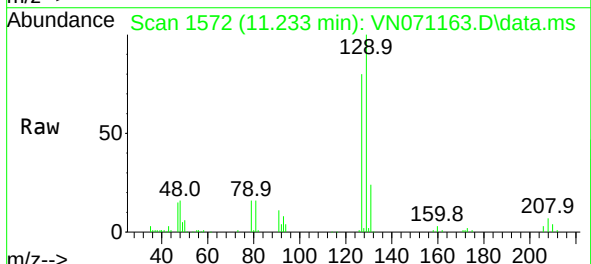
Tgt Ion: 43 Resp: 716084
Ion Ratio Lower Upper
43 100
58 54.2 26.9 80.7

Manual Integrations
APPROVED

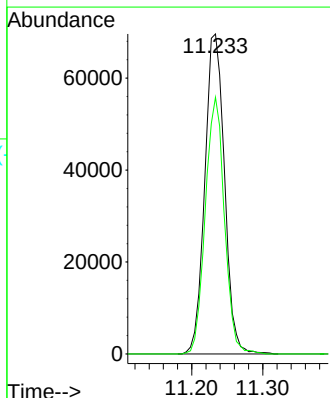
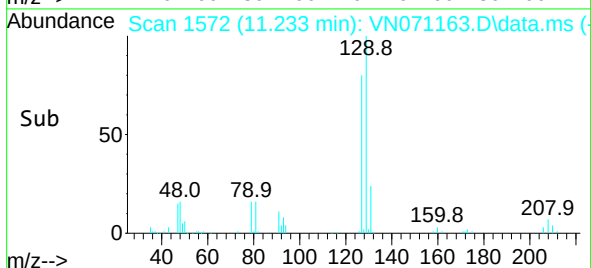
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

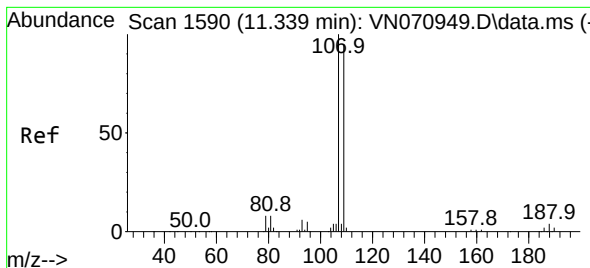


#60
Dibromochloromethane
Concen: 18.493 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



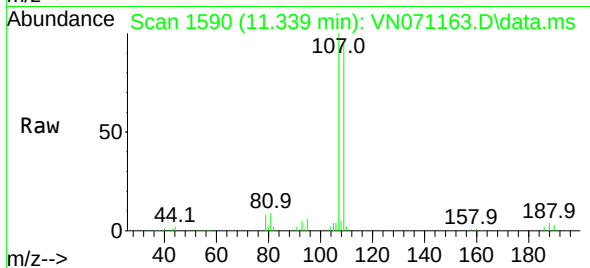
Tgt Ion:129 Resp: 134252
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.348 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

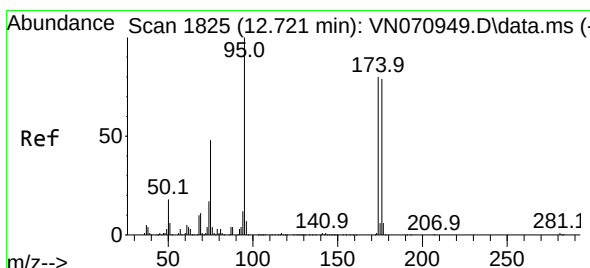
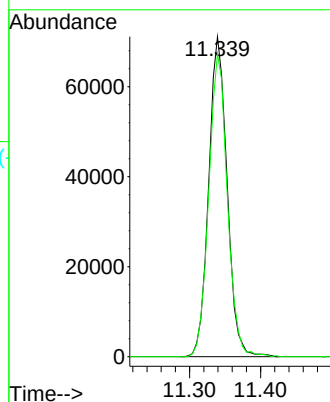
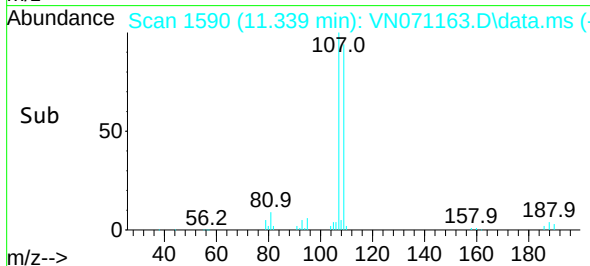
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



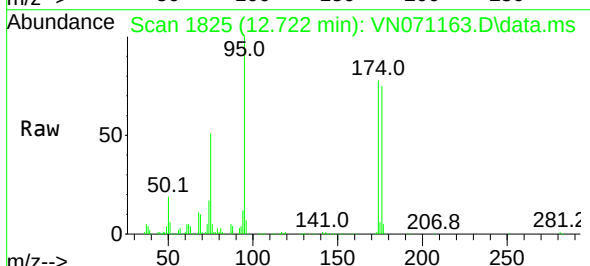
Tgt Ion:107 Resp: 12819
Ion Ratio Lower Upper
107 100
109 95.5 75.7 113.5

Manual Integrations
APPROVED

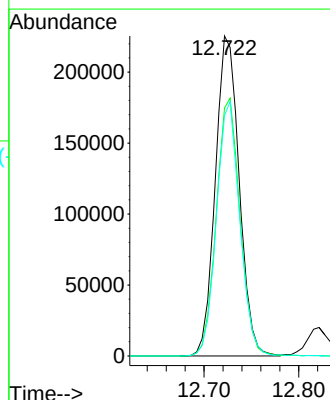
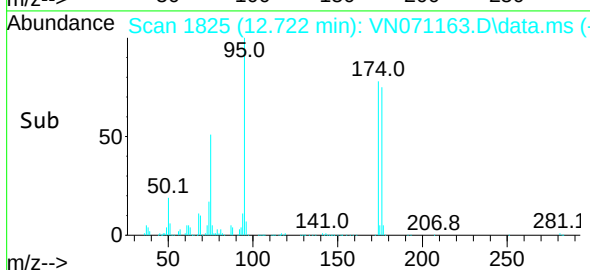
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

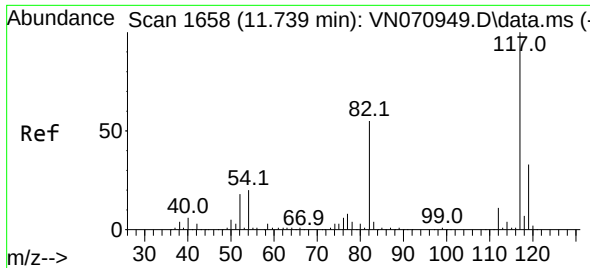


#62
4-Bromofluorobenzene
Concen: 47.687 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



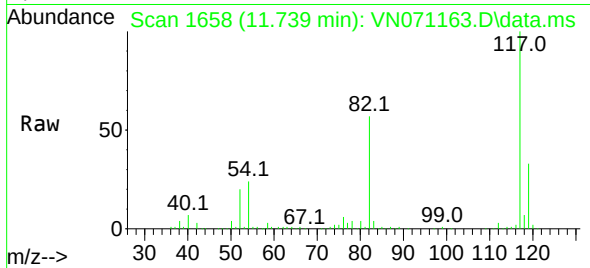
Tgt Ion: 95 Resp: 394484
Ion Ratio Lower Upper
95 100
174 80.2 0.0 187.2
176 77.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

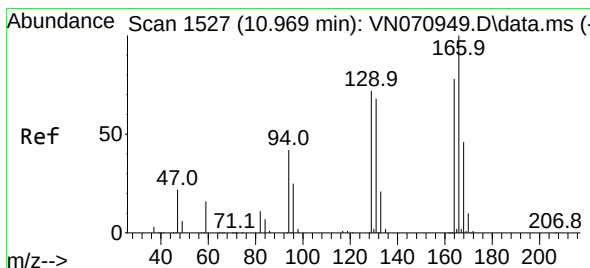
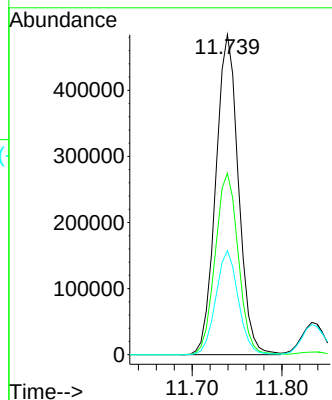
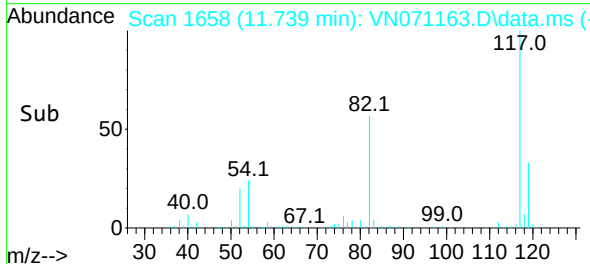
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



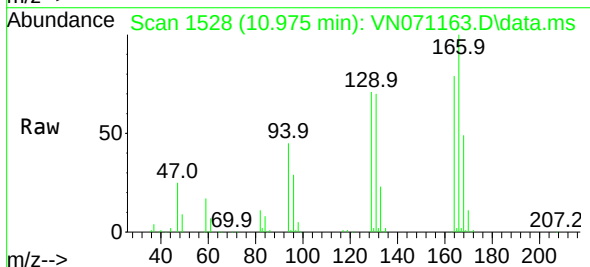
Tgt Ion:117 Resp: 850729
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

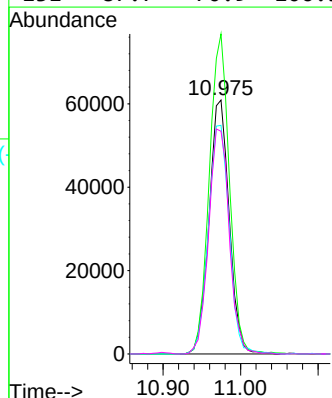
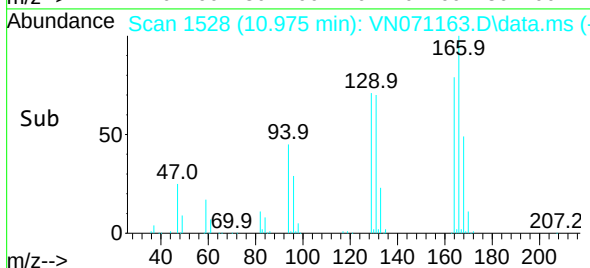
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

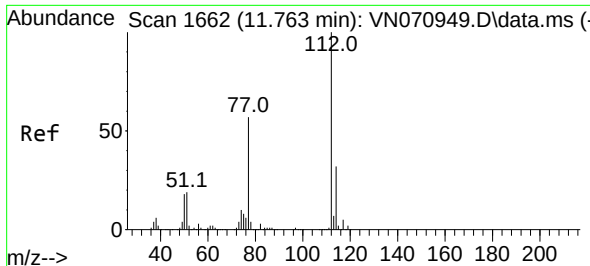


#64
Tetrachloroethene
Concen: 16.639 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



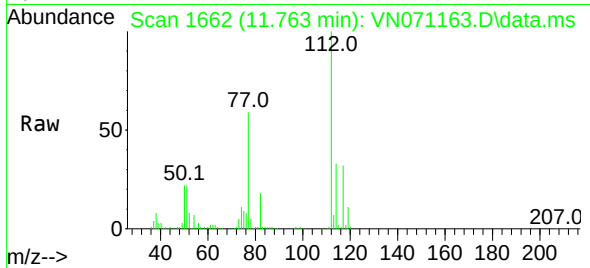
Tgt Ion:164 Resp: 110242
Ion Ratio Lower Upper
164 100
166 126.1 101.9 152.9
129 90.1 72.0 108.0
131 87.7 70.9 106.3





#65
Chlorobenzene
Concen: 18.713 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

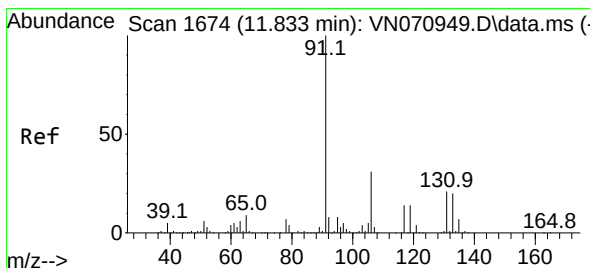
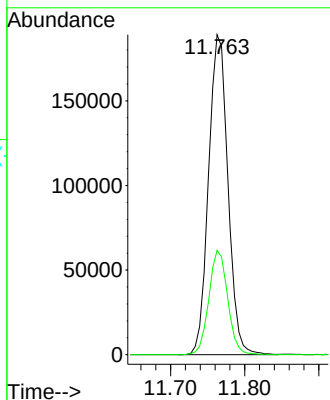
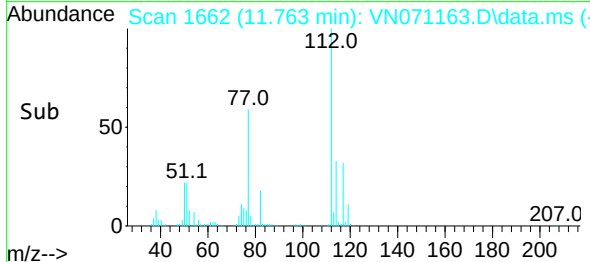
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



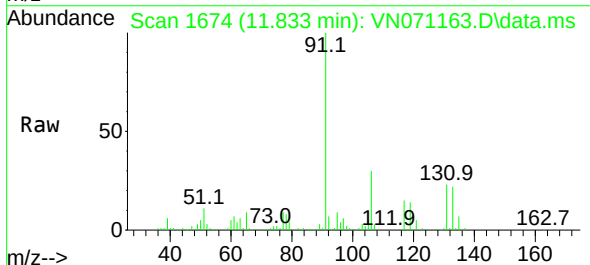
Tgt Ion:112 Resp: 343045
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

Manual Integrations
APPROVED

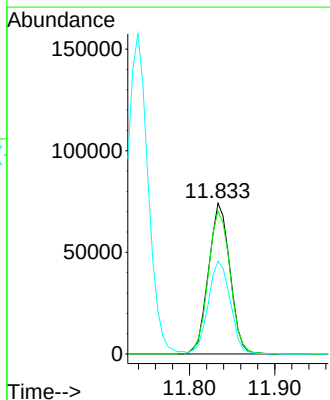
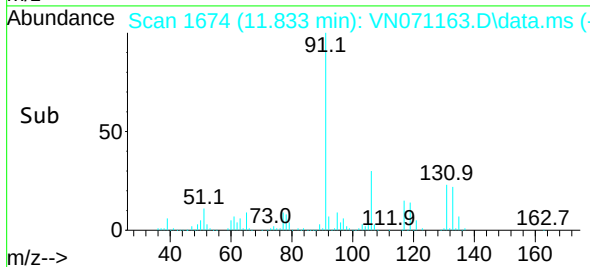
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

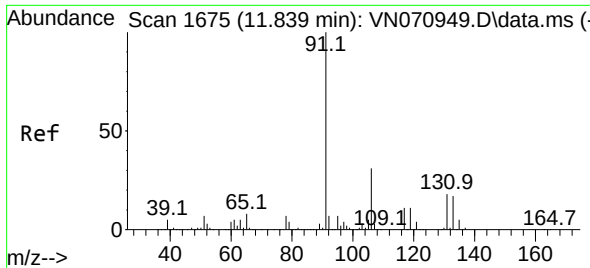


#66
1,1,1,2-Tetrachloroethane
Concen: 19.453 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



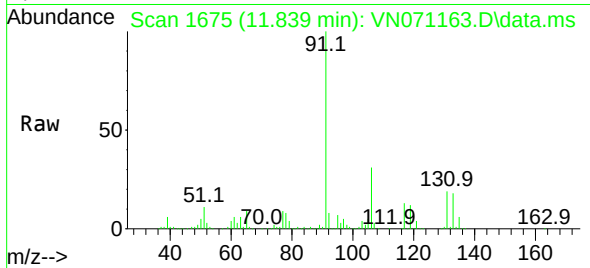
Tgt Ion:131 Resp: 129990
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.7
119 63.2 32.1 96.5





#67
Ethyl Benzene
Concen: 19.042 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

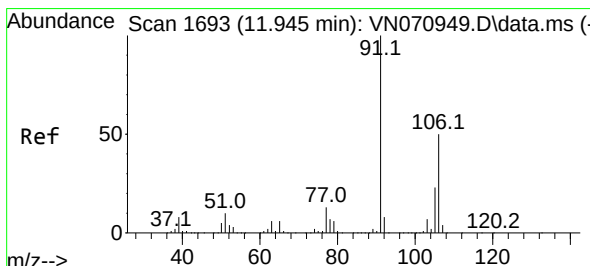
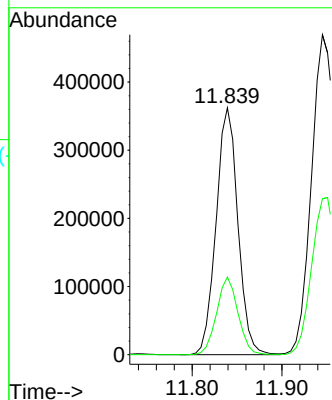
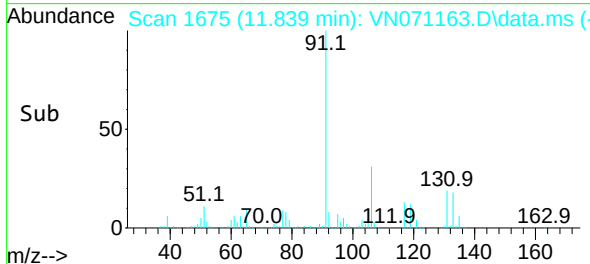
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



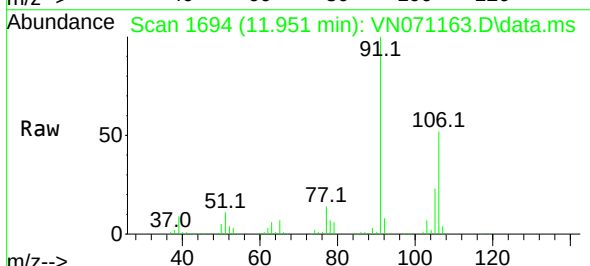
Tgt Ion: 91 Resp: 610970
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

Manual Integrations
APPROVED

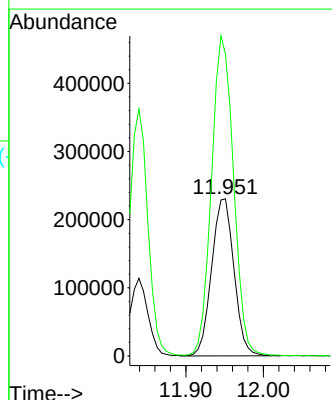
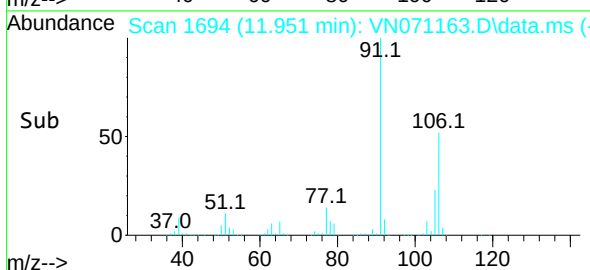
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

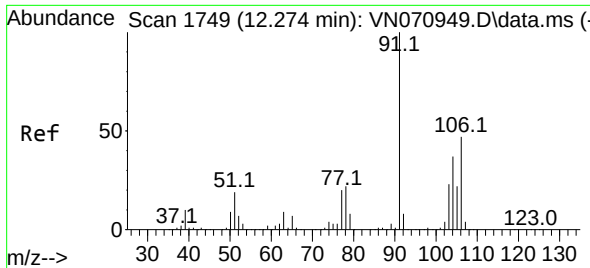


#68
m/p-Xylenes
Concen: 37.232 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



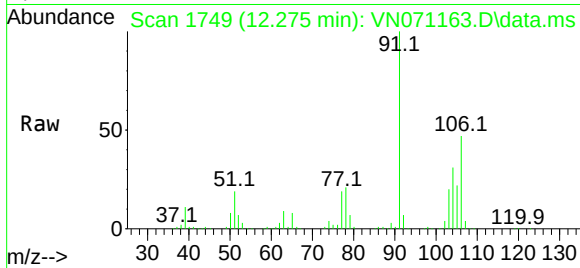
Tgt Ion:106 Resp: 461428
Ion Ratio Lower Upper
106 100
91 200.9 160.6 240.8





#69
o-Xylene
Concen: 18.933 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

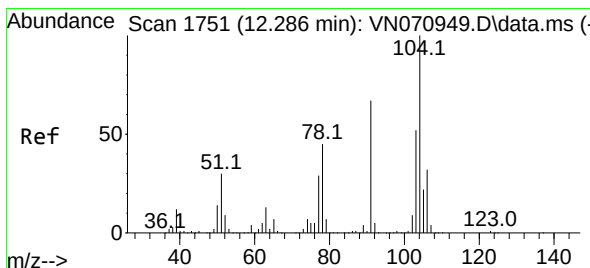
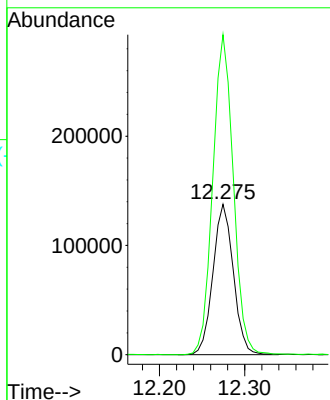
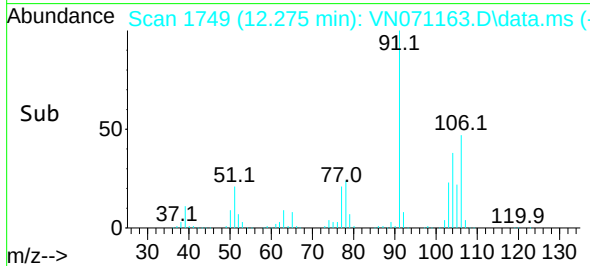
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion:106 Resp: 22921
Ion Ratio Lower Upper
106 100
91 213.8 105.8 317.3

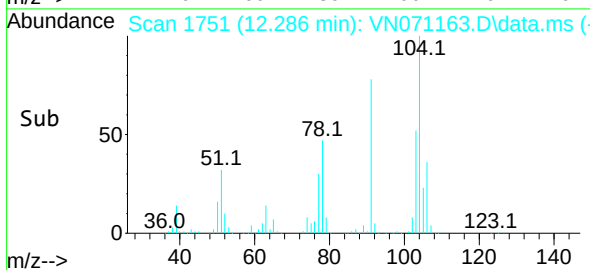
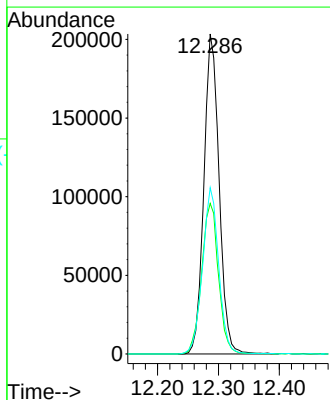
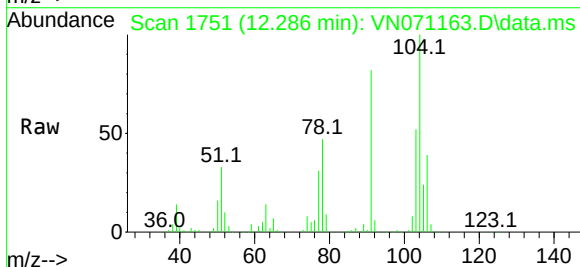
Manual Integrations
APPROVED

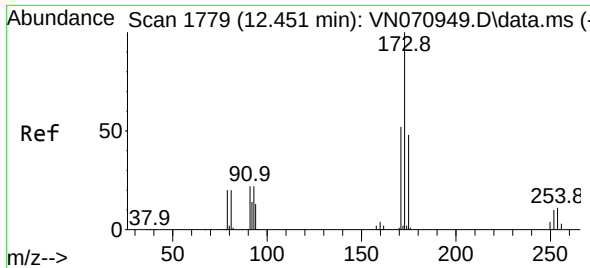
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#70
Styrene
Concen: 18.359 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

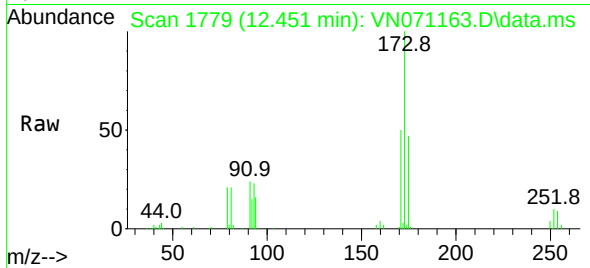
Tgt Ion:104 Resp: 353415
Ion Ratio Lower Upper
104 100
78 52.0 38.7 58.1
103 55.2 45.0 67.6





#71
Bromoform
Concen: 18.117 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

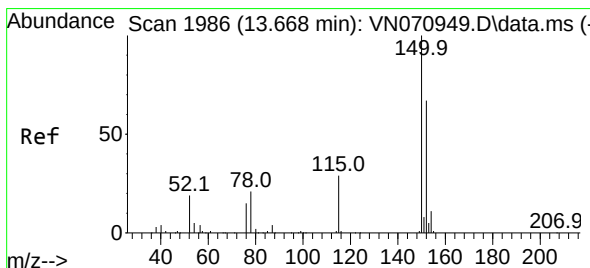
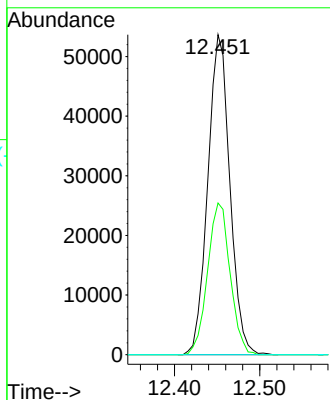
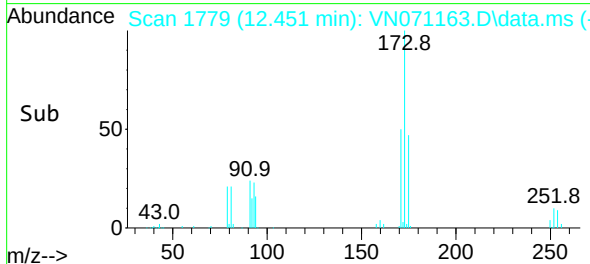
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



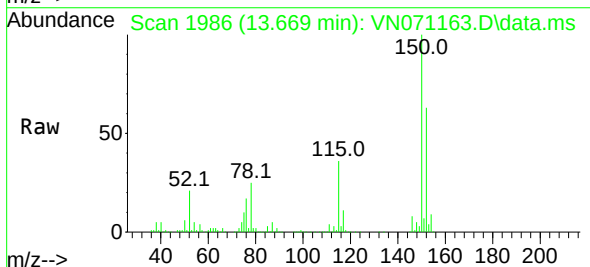
Tgt Ion:173 Resp: 9641
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

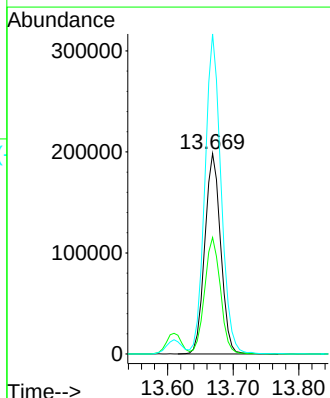
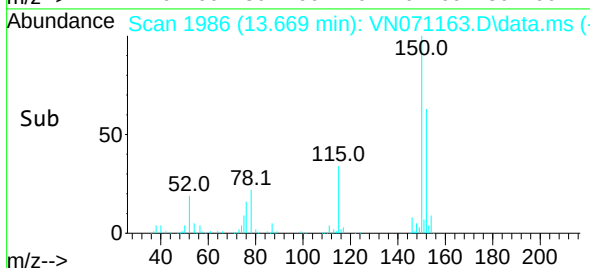
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

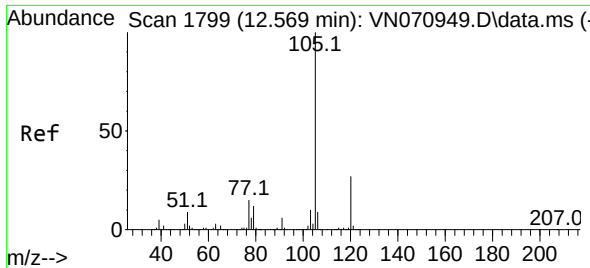


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



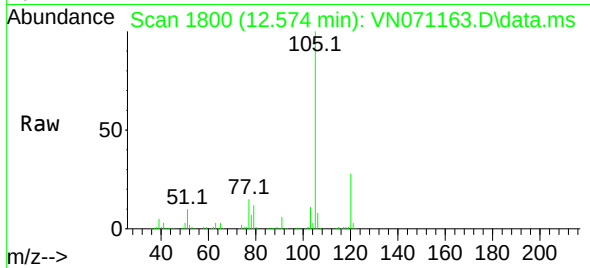
Tgt Ion:152 Resp: 333127
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.5
150 162.5 0.0 344.4





#73
Isopropylbenzene
Concen: 21.827 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

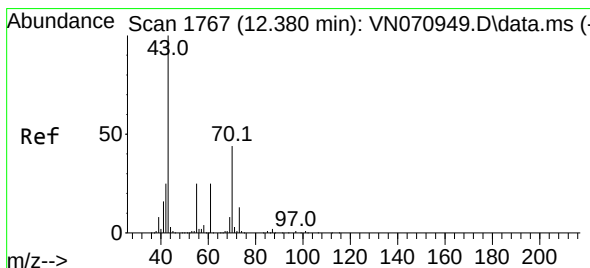
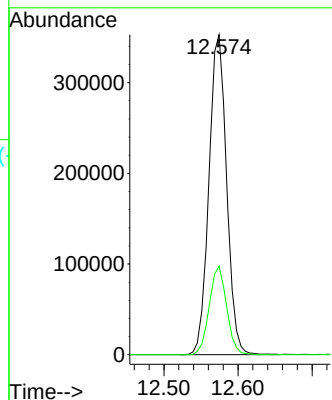
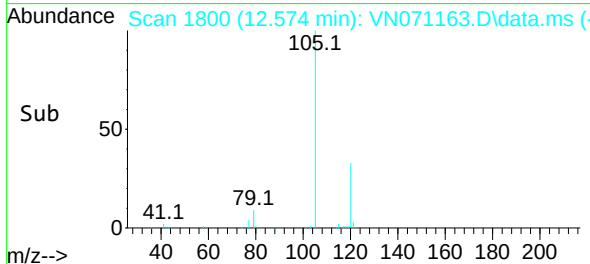
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



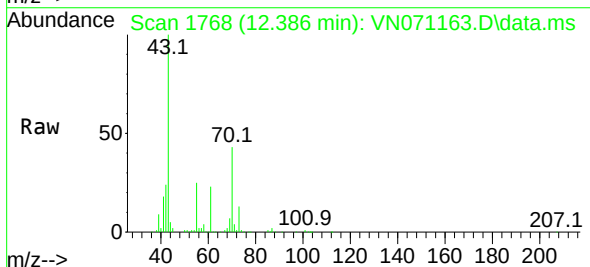
Tgt Ion:105 Resp: 585279
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

Manual Integrations
APPROVED

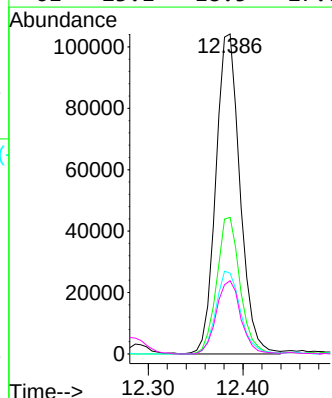
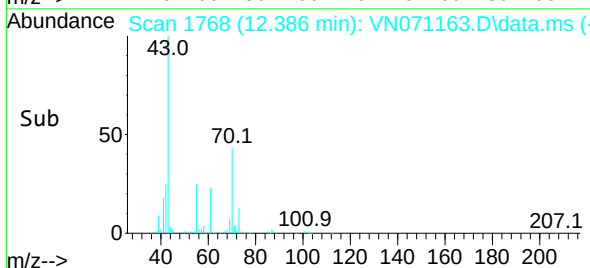
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

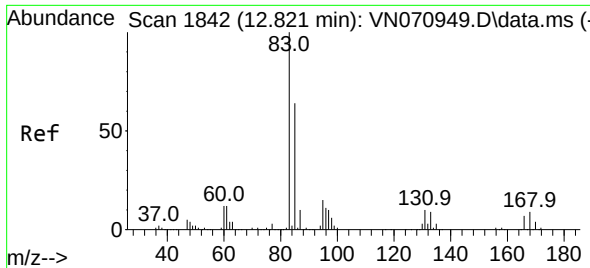


#74
N-ethyl acetate
Concen: 21.561 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



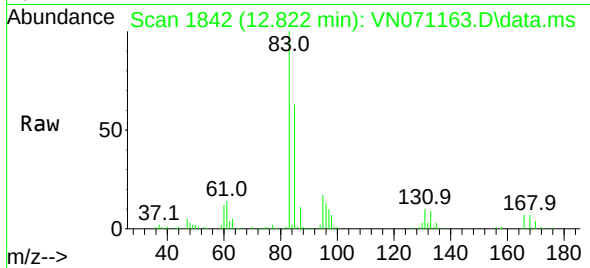
Tgt Ion: 43 Resp: 184802
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.0
55 26.3 19.3 28.9
61 23.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.962 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

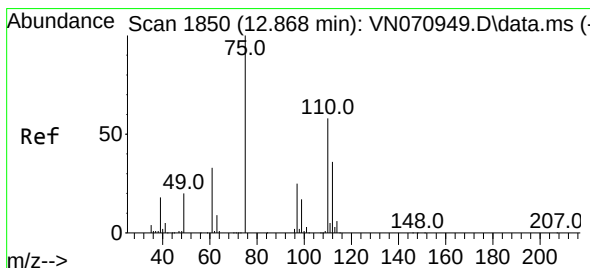
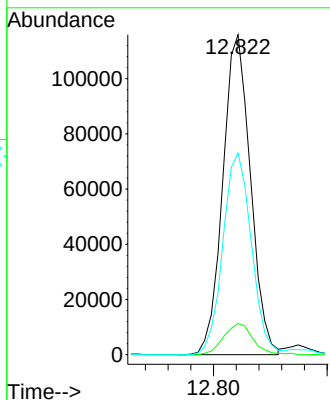
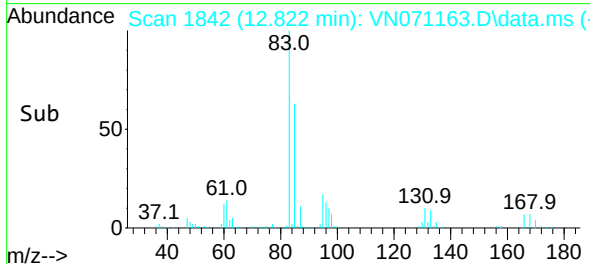
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



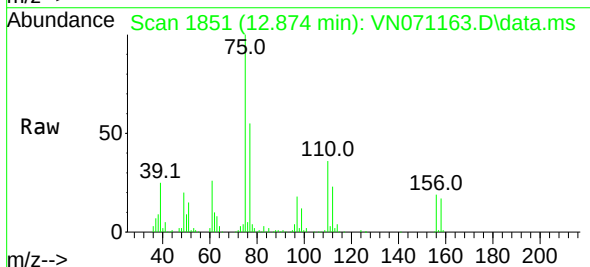
Tgt Ion: 83 Resp: 195650
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 65.1 32.4 97.2

Manual Integrations
APPROVED

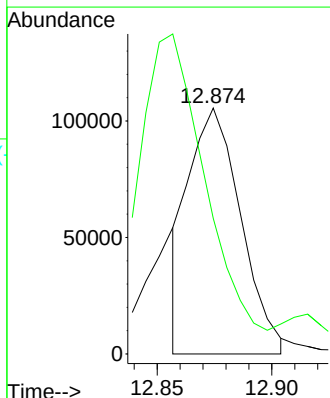
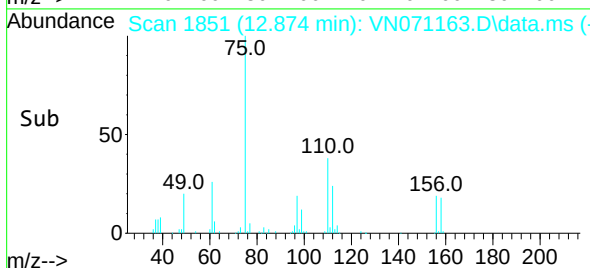
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

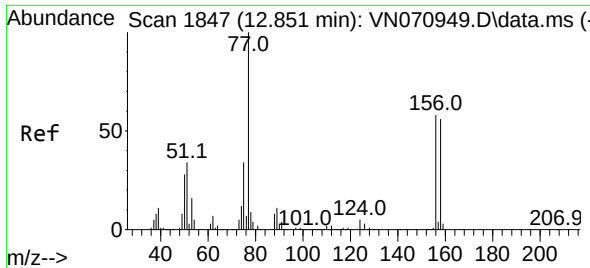


#76
1,2,3-Trichloropropane
Concen: 21.324 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



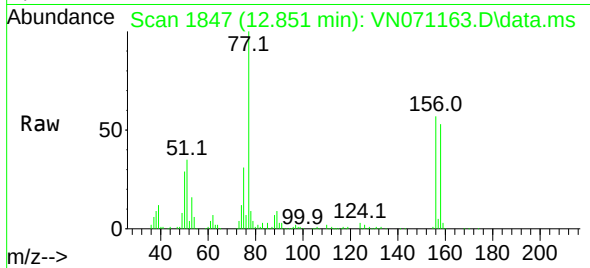
Tgt Ion: 75 Resp: 167252
Ion Ratio Lower Upper
75 100
77 172.0 82.6 247.8





#77
Bromobenzene
Concen: 20.646 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

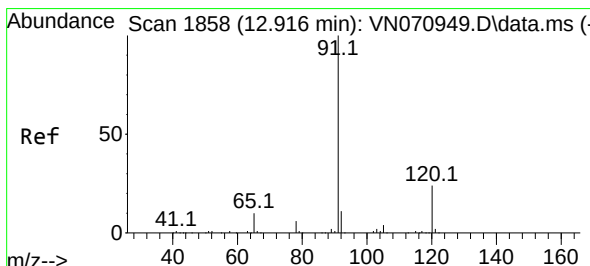
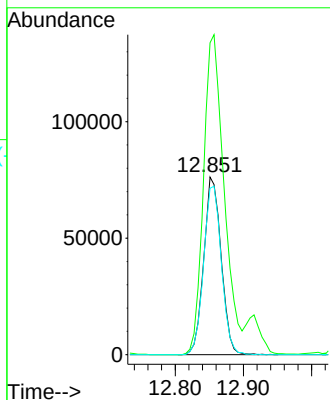
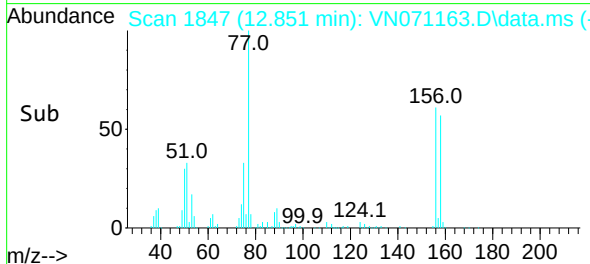
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion:156 Resp: 13552
Ion Ratio Lower Upper
156 100
77 212.2 90.6 271.8
158 97.1 48.9 146.7

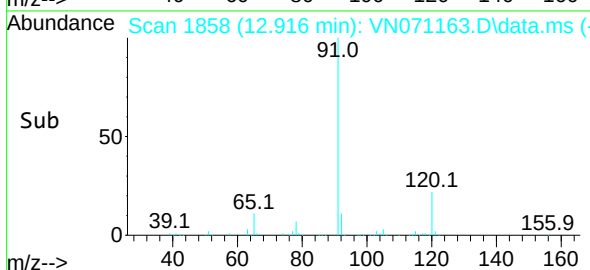
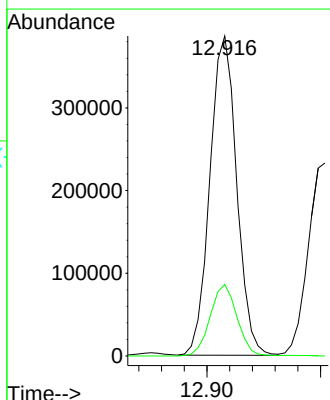
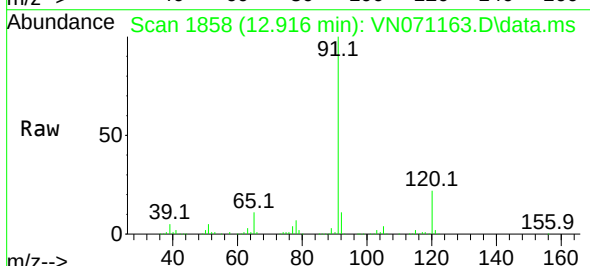
Manual Integrations
APPROVED

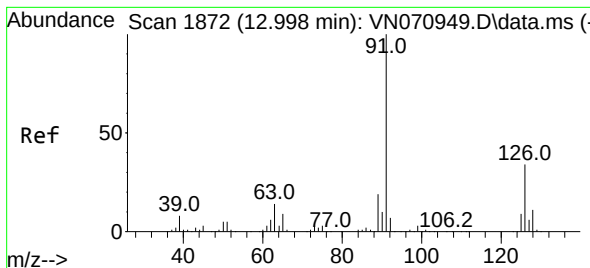
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#78
n-propylbenzene
Concen: 21.007 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion: 91 Resp: 632867
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





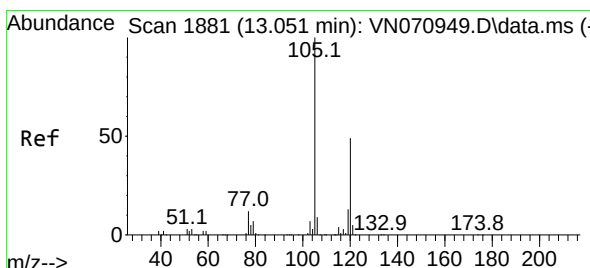
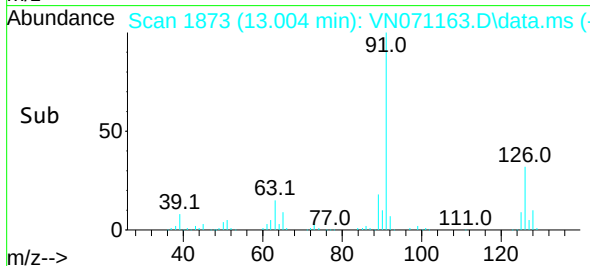
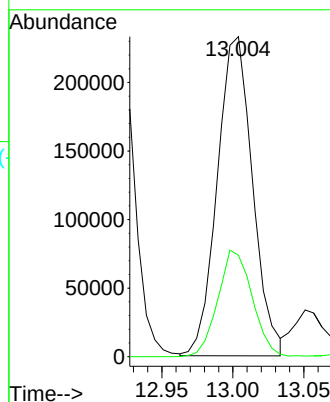
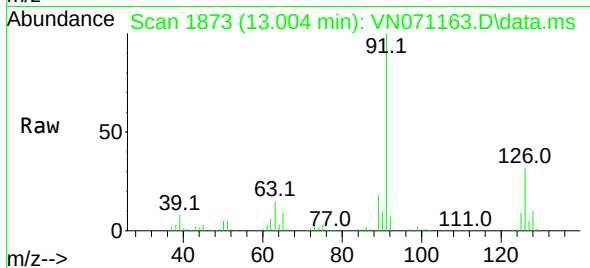
#79
2-Chlorotoluene
Concen: 22.012 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion: 91 Resp: 402724
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

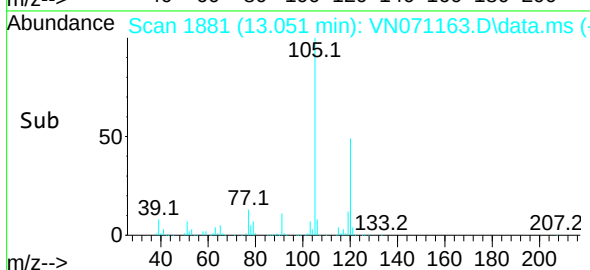
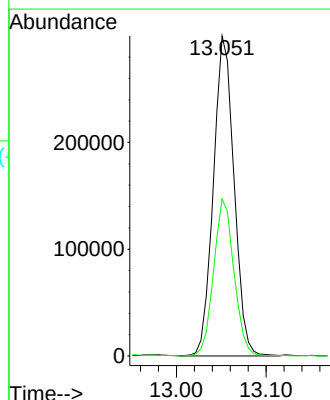
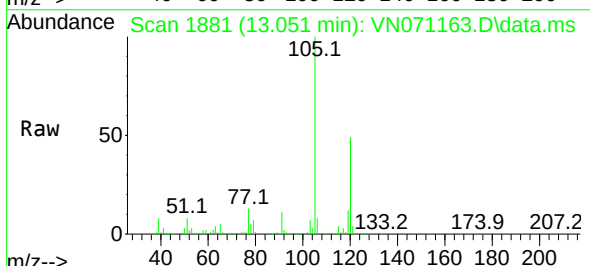
Manual Integrations
APPROVED

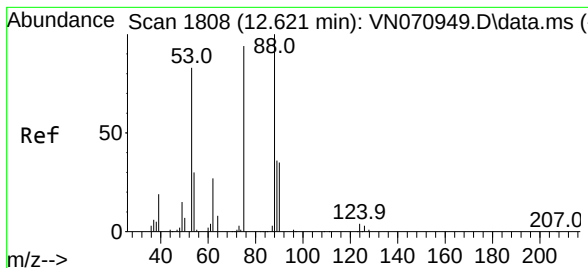
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.059 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

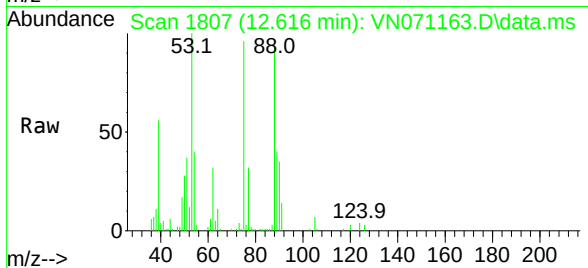
Tgt Ion:105 Resp: 479201
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.927 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

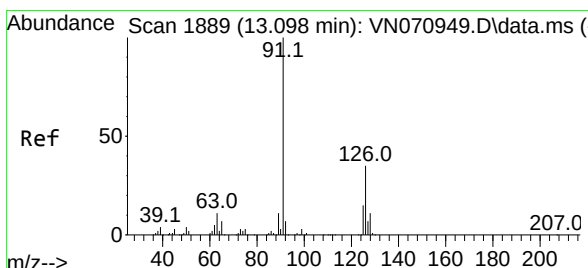
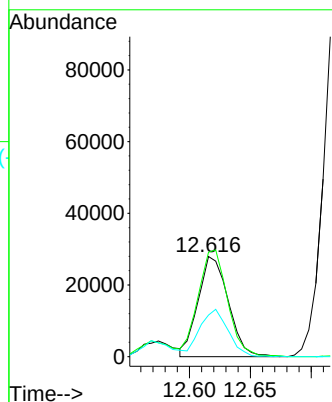
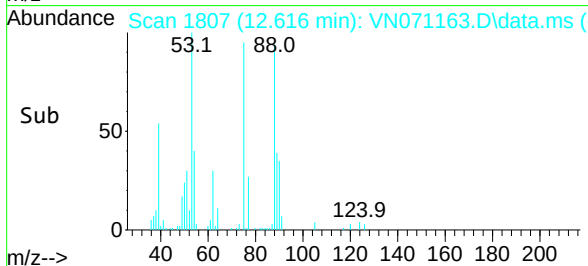
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



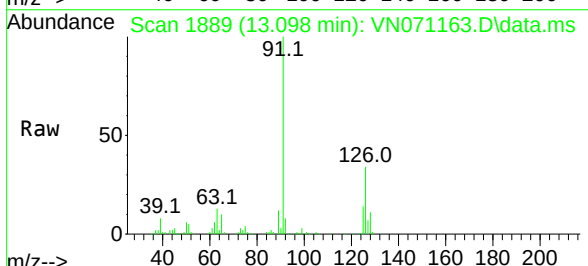
Tgt Ion: 75 Resp: 4823
Ion Ratio Lower Upper
75 100
53 104.4 90.5 135.7
89 43.9 38.2 57.4

Manual Integrations
APPROVED

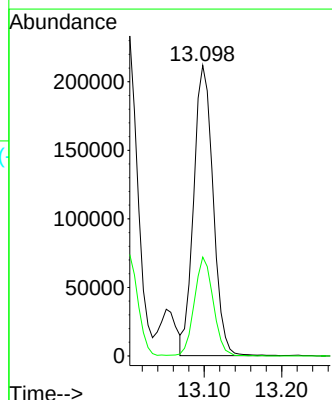
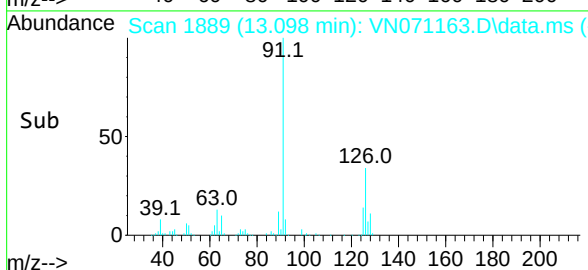
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

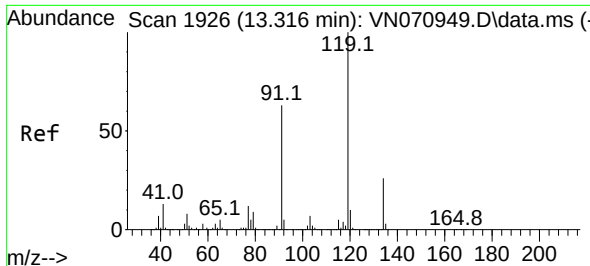


#82
4-Chlorotoluene
Concen: 20.679 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



Tgt Ion: 91 Resp: 367243
Ion Ratio Lower Upper
91 100
126 33.3 18.2 54.6





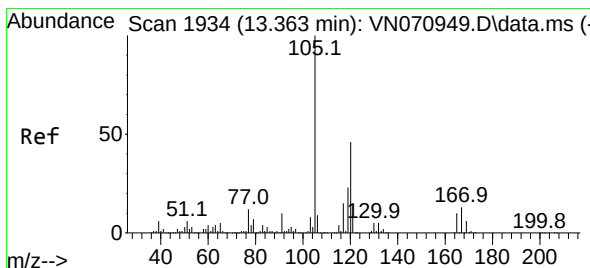
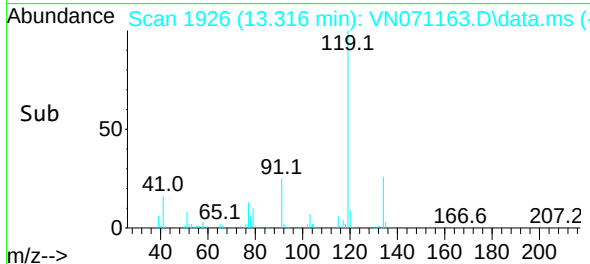
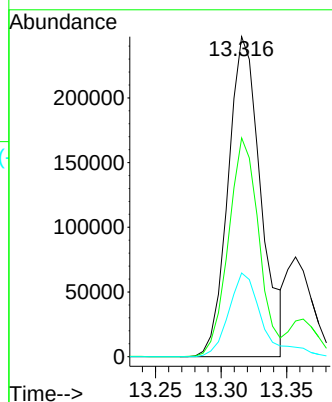
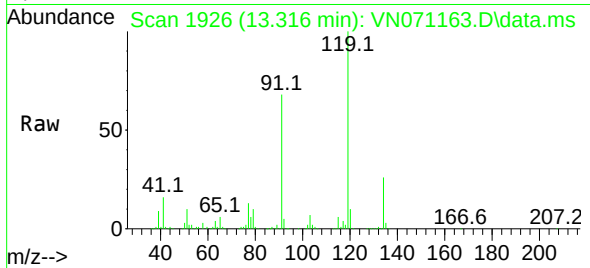
#83
tert-Butylbenzene
Concen: 20.817 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion:119 Resp: 428862
Ion Ratio Lower Upper
119 100
91 63.8 31.5 94.5
134 27.0 12.4 37.4

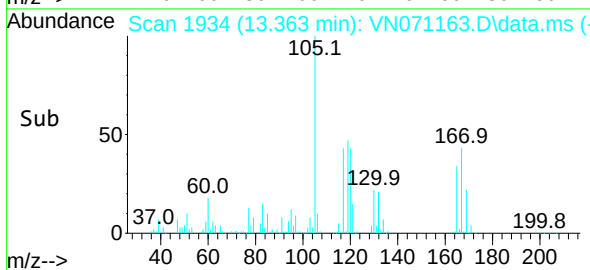
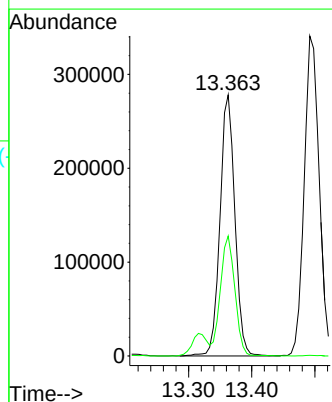
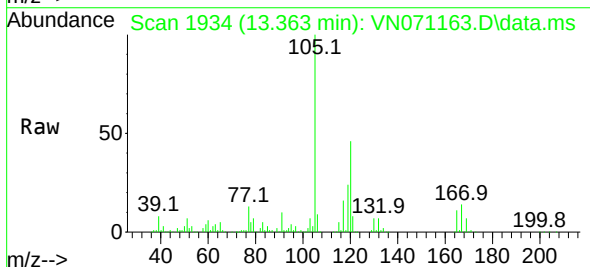
Manual Integrations
APPROVED

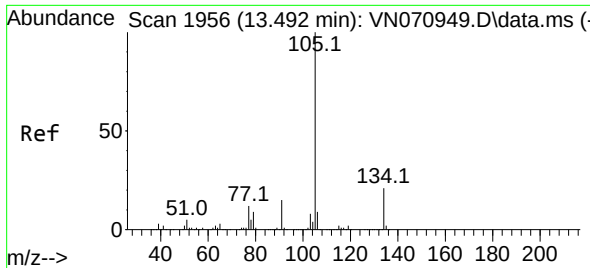
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.321 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

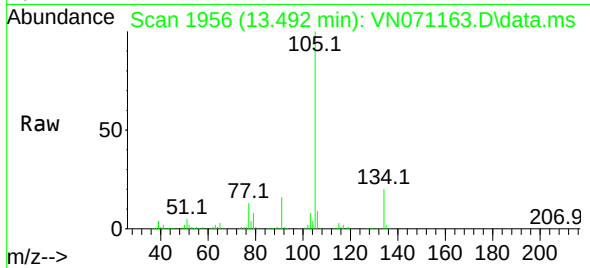
Tgt Ion:105 Resp: 455920
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.684 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN071163.D
 Acq: 04 Mar 2022 11:53

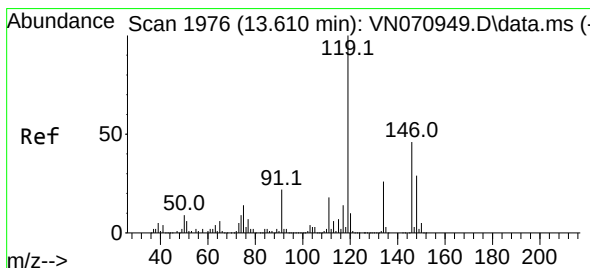
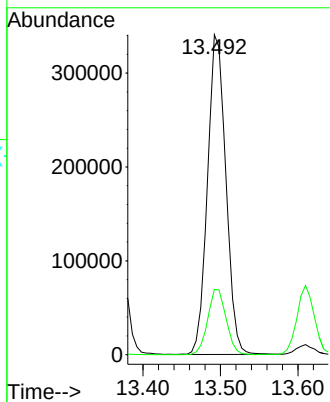
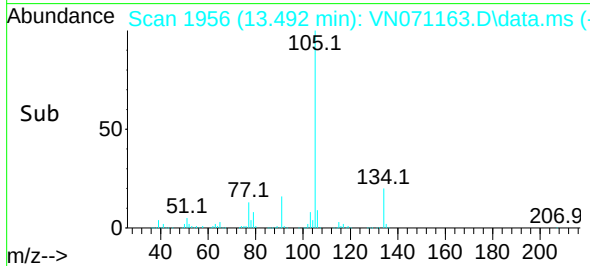
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS01



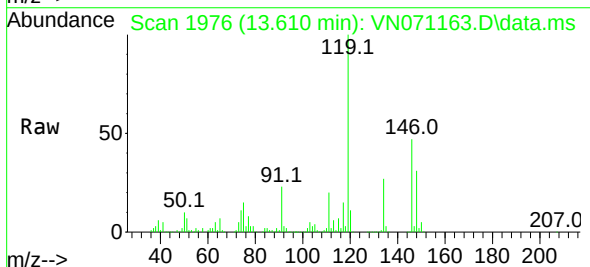
Tgt Ion:105 Resp: 561499
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

Manual Integrations
 APPROVED

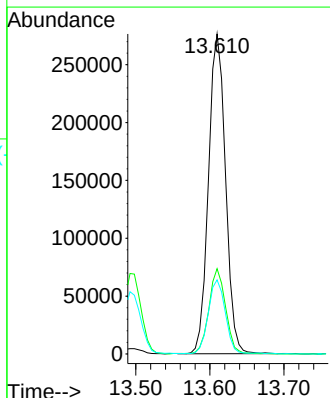
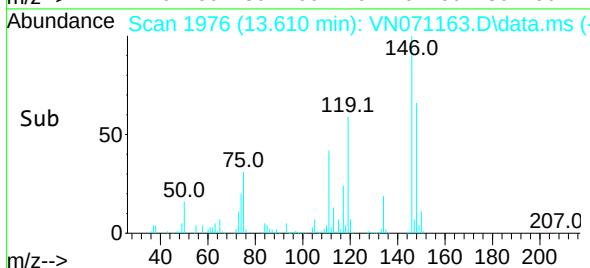
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

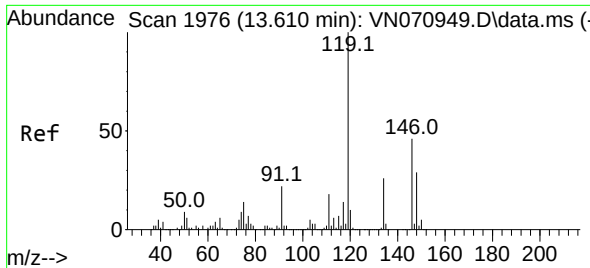


#86
 p-Isopropyltoluene
 Concen: 19.811 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071163.D
 Acq: 04 Mar 2022 11:53



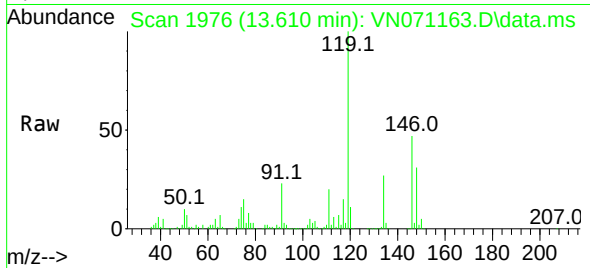
Tgt Ion:119 Resp: 441500
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 22.9 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.836 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

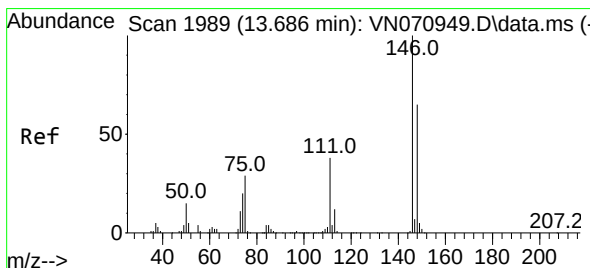
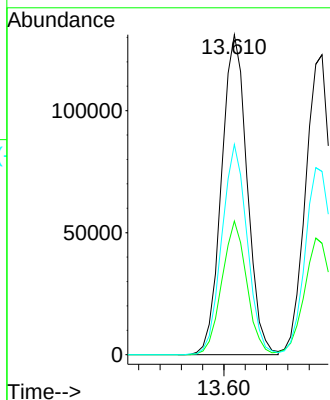
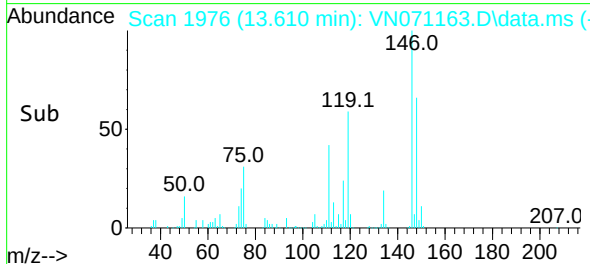
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



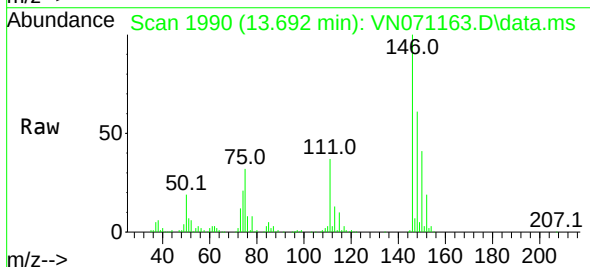
Tgt Ion:146 Resp: 21886
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 65.0 31.6 95.0

Manual Integrations
APPROVED

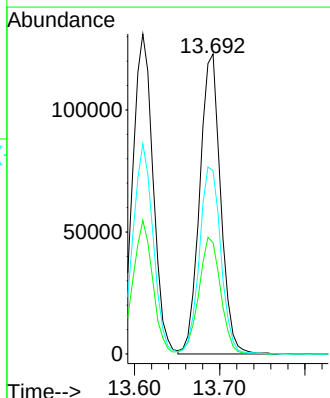
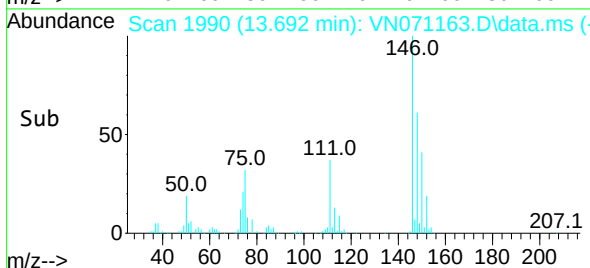
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

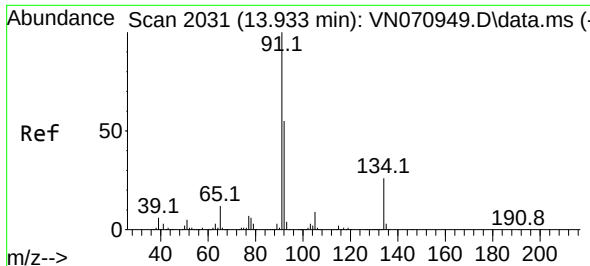


#88
1,4-Dichlorobenzene
Concen: 18.411 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



Tgt Ion:146 Resp: 209606
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.1 31.8 95.4





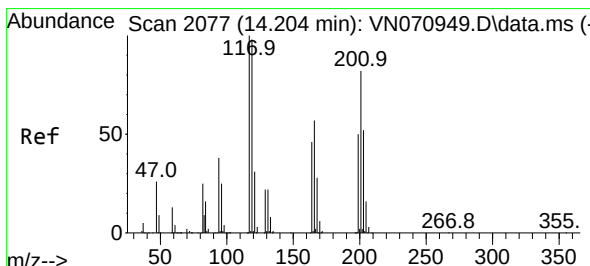
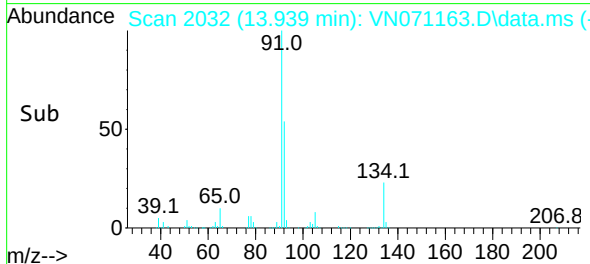
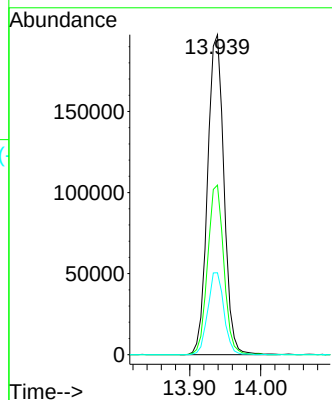
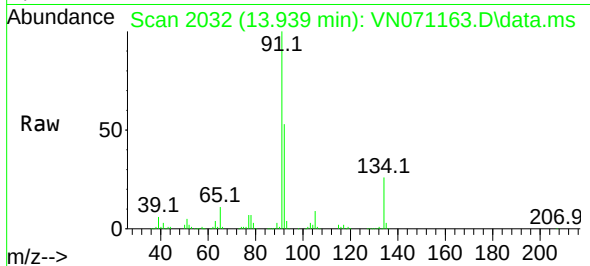
#89
n-Butylbenzene
Concen: 17.427 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion: 91 Resp: 31685
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 25.3 13.6 40.8

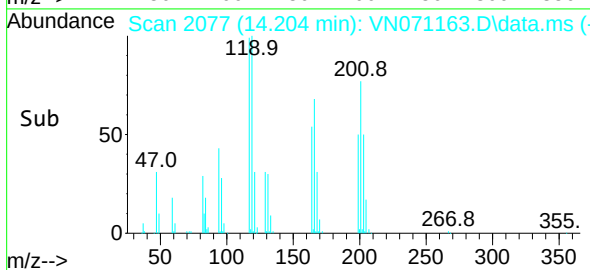
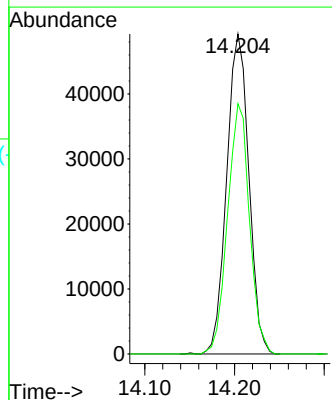
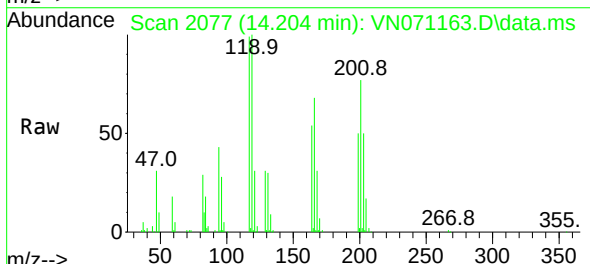
Manual Integrations
APPROVED

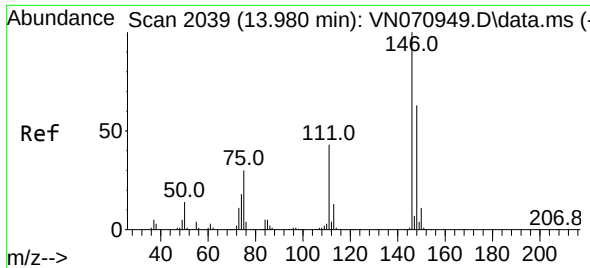
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#90
Hexachloroethane
Concen: 21.215 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion:117 Resp: 84432
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





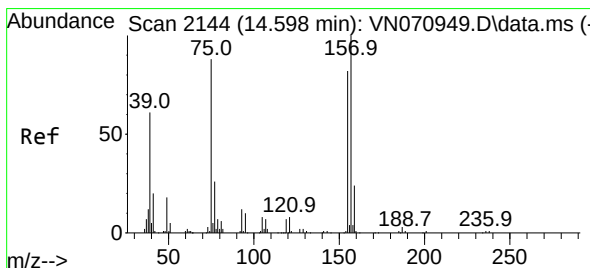
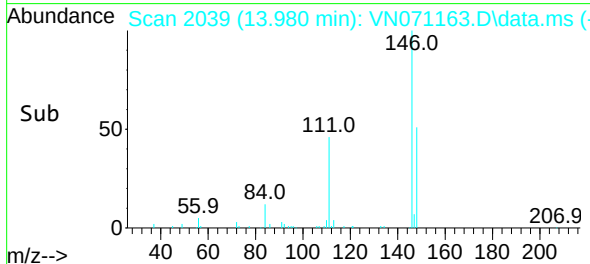
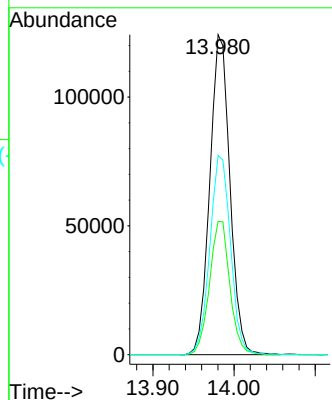
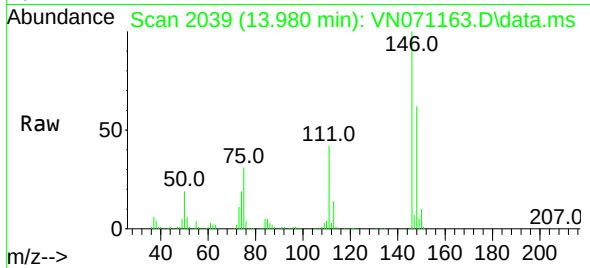
#91
1,2-Dichlorobenzene
Concen: 19.602 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01

Tgt Ion:146 Resp: 21388
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 64.2 32.1 96.3

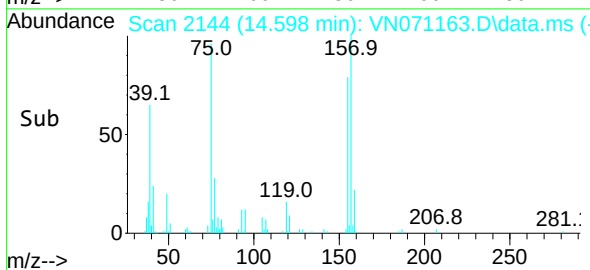
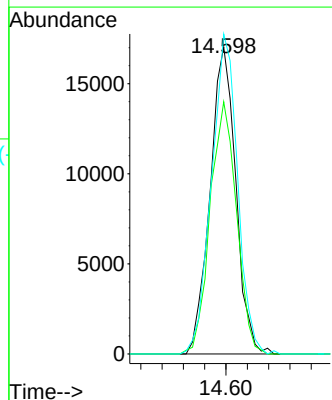
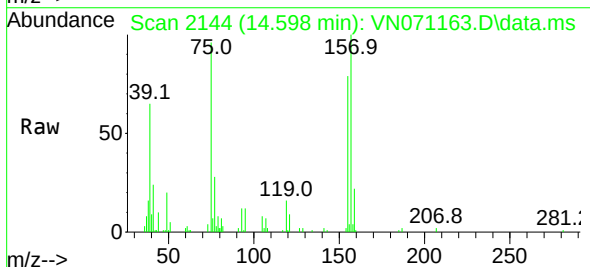
Manual Integrations
APPROVED

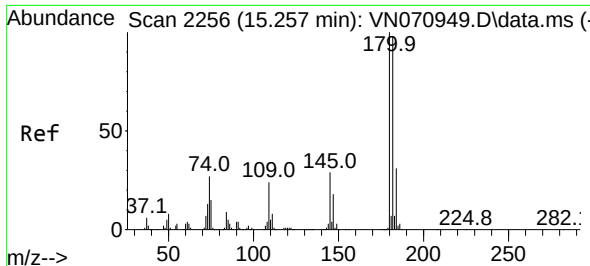
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.661 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

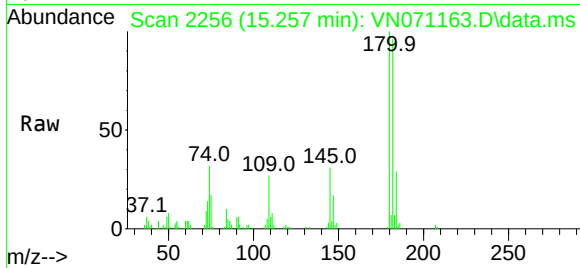
Tgt Ion: 75 Resp: 28523
Ion Ratio Lower Upper
75 100
155 84.2 46.9 140.7
157 105.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 14.058 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

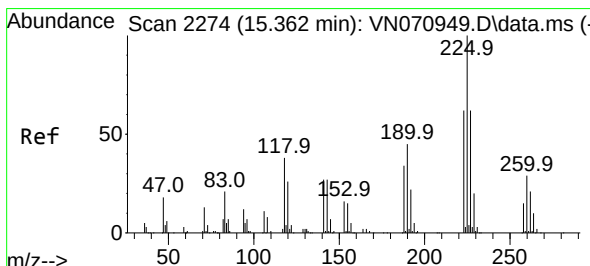
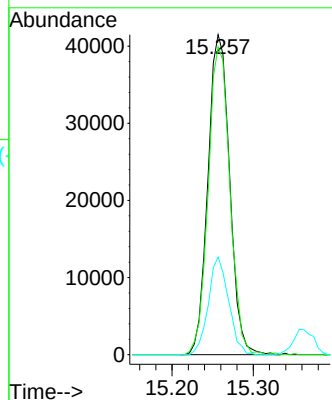
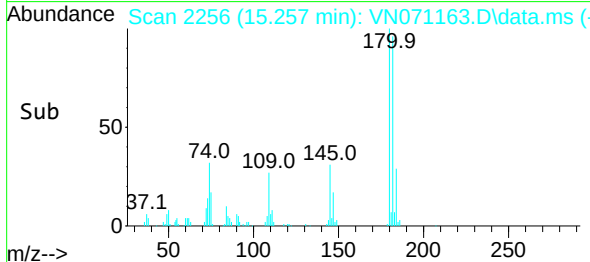
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



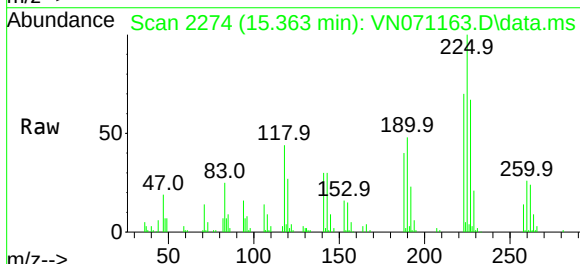
Tgt Ion:180 Resp: 77040
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 28.5 14.5 43.5

Manual Integrations
APPROVED

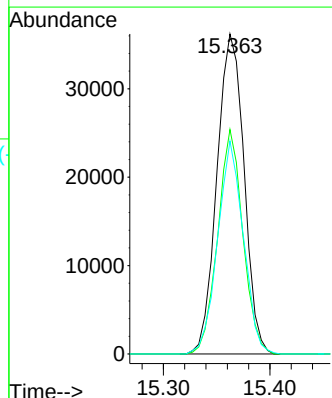
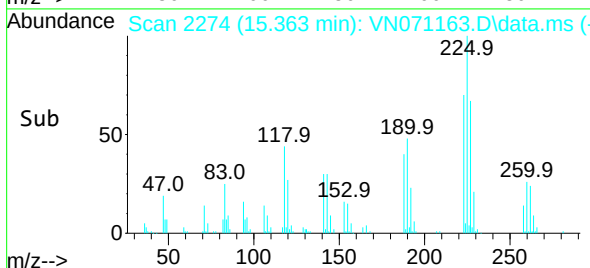
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

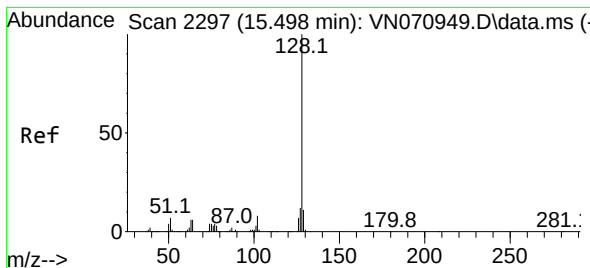


#94
Hexachlorobutadiene
Concen: 16.067 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53



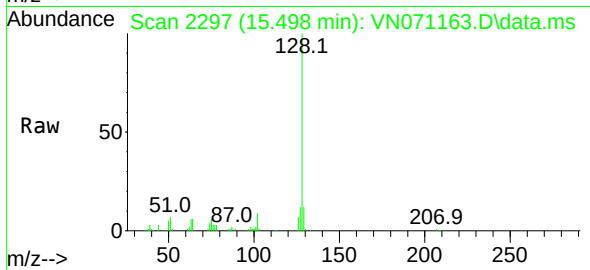
Tgt Ion:225 Resp: 63930
Ion Ratio Lower Upper
225 100
223 65.1 31.9 95.7
227 63.1 32.1 96.3





#95
Naphthalene
Concen: 13.625 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

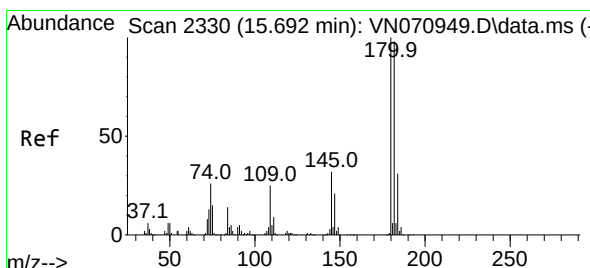
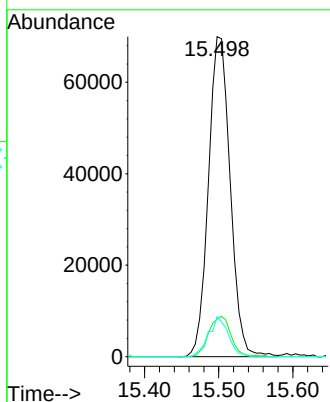
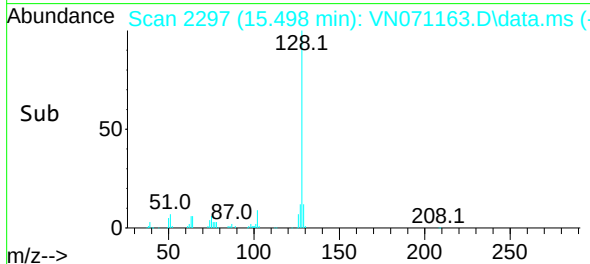
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS01



Tgt Ion:128 Resp: 142862
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 13.963 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071163.D
Acq: 04 Mar 2022 11:53

Tgt Ion:180 Resp: 68148
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 32.8 15.0 45.1

