

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071714.D
 Acq On : 31 Mar 2022 19:14
 Operator : JC\MD
 Sample : VN0331WBSD03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	524059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	839347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	760466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	283318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	306403	51.214	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.420%			
35) Dibromofluoromethane	8.022	113	250294	50.676	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.360%			
50) Toluene-d8	10.439	98	1013562	50.165	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.727	95	318677	48.768	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	80675	19.364	ug/l	98
3) Chloromethane	2.304	50	97018	18.377	ug/l	100
4) Vinyl Chloride	2.446	62	108333	18.685	ug/l	95
5) Bromomethane	2.857	94	73487	19.498	ug/l	98
6) Chloroethane	3.016	64	72587	17.403	ug/l	94
7) Trichlorofluoromethane	3.375	101	138626	18.793	ug/l	95
8) Diethyl Ether	3.828	74	64570	20.713	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	88866	19.550	ug/l	99
10) Methyl Iodide	4.422	142	119947	18.877	ug/l	98
11) Tert butyl alcohol	5.363	59	105266	108.421	ug/l	100
12) 1,1-Dichloroethene	4.187	96	83411	19.283	ug/l	95
13) Acrolein	4.040	56	103016	87.020	ug/l	98
14) Allyl chloride	4.845	41	134848	19.207	ug/l	97
15) Acrylonitrile	5.551	53	311730	110.461	ug/l	100
16) Acetone	4.287	43	235407	92.071	ug/l	99
17) Carbon Disulfide	4.534	76	169656	17.094	ug/l	97
18) Methyl Acetate	4.851	43	136592	20.686	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	334174	20.795	ug/l	97
20) Methylene Chloride	5.093	84	106264	19.718	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	89441	18.835	ug/l	97
22) Diisopropyl ether	6.492	45	318724	20.853	ug/l	98
23) Vinyl Acetate	6.434	43	1322251	108.788	ug/l	100
24) 1,1-Dichloroethane	6.387	63	178404	19.883	ug/l	98
25) 2-Butanone	7.334	43	384358	104.276	ug/l	98
26) 2,2-Dichloropropane	7.328	77	148626	19.282	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	113656	19.518	ug/l	98
28) Bromochloromethane	7.657	49	66131	18.271	ug/l	99
29) Tetrahydrofuran	7.686	42	261985	109.769	ug/l	99
30) Chloroform	7.816	83	190424	20.099	ug/l	98
31) Cyclohexane	8.092	56	152182	18.704	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	157972	19.490	ug/l	99
36) 1,1-Dichloropropene	8.222	75	127112	18.429	ug/l	99
37) Ethyl Acetate	7.410	43	167327	22.165	ug/l	99
38) Carbon Tetrachloride	8.204	117	128403	18.995	ug/l	99
39) Methylcyclohexane	9.457	83	152076	18.523	ug/l	99
40) Benzene	8.457	78	426986	19.597	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	75695	20.478	ug/l	98
42) 1,2-Dichloroethane	8.528	62	150871	20.017	ug/l	99
43) Isopropyl Acetate	8.557	43	241744	19.252	ug/l	99
44) Trichloroethene	9.216	130	108012	19.242	ug/l	94
45) 1,2-Dichloropropane	9.486	63	107677	19.782	ug/l	97
46) Dibromomethane	9.575	93	74418	20.137	ug/l	99
47) Bromodichloromethane	9.757	83	148252	20.379	ug/l	99
48) Methyl methacrylate	9.557	41	104922	20.140	ug/l	93
49) 1,4-Dioxane	9.563	88	48342	382.618	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	789204	109.317	ug/l	99
52) Toluene	10.504	92	272809	19.808	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	156341	20.505	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	167123	19.838	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	116619	20.574	ug/l	98
56) Ethyl methacrylate	10.757	69	171542	21.214	ug/l	97
57) 1,3-Dichloropropane	11.045	76	194577	20.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	167137	79.548	ug/l	99
59) 2-Hexanone	11.080	43	556374	109.461	ug/l	99
60) Dibromochloromethane	11.233	129	115854	20.961	ug/l	99
61) 1,2-Dibromoethane	11.339	107	117327	21.028	ug/l	99
64) Tetrachloroethene	10.975	164	92374	18.395	ug/l	96
65) Chlorobenzene	11.769	112	294801	19.360	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	111389	20.272	ug/l	98
67) Ethyl Benzene	11.839	91	502021	19.475	ug/l	100
68) m/p-Xylenes	11.951	106	379035	38.269	ug/l	99
69) o-Xylene	12.280	106	192941	19.626	ug/l	100
70) Styrene	12.292	104	298180	20.019	ug/l	99
71) Bromoform	12.457	173	84896	20.289	ug/l #	98
73) Isopropylbenzene	12.574	105	487248	20.409	ug/l	100
74) N-amyl acetate	12.386	43	143701	21.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	174552	21.913	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	131020m	19.963	ug/l	
77) Bromobenzene	12.857	156	116454	19.458	ug/l	97
78) n-propylbenzene	12.916	91	510068	20.310	ug/l	100
79) 2-Chlorotoluene	13.004	91	329229	20.442	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	395221	20.893	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	43473	20.527	ug/l	97
82) 4-Chlorotoluene	13.104	91	292252	19.576	ug/l	100
83) tert-Butylbenzene	13.321	119	348141	20.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	386451	20.939	ug/l	99
85) sec-Butylbenzene	13.498	105	460473	20.543	ug/l	100
86) p-Isopropyltoluene	13.610	119	361709	20.238	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	186662	19.577	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	177733	19.107	ug/l	96
89) n-Butylbenzene	13.939	91	250485	18.896	ug/l	99
90) Hexachloroethane	14.204	117	69390	21.210	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	189833	20.280	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27588	22.328	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	80017	19.092	ug/l	99
94) Hexachlorobutadiene	15.362	225	52537	19.030	ug/l	97
95) Naphthalene	15.504	128	202517	18.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	78504	19.519	ug/l	97

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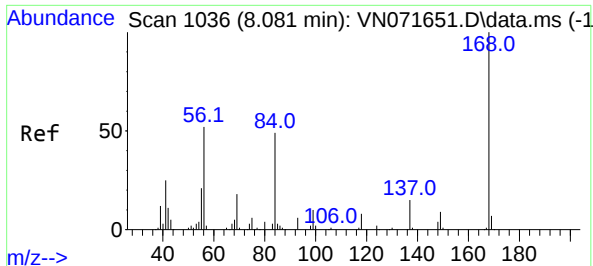
Manual Integrations
APPROVED

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



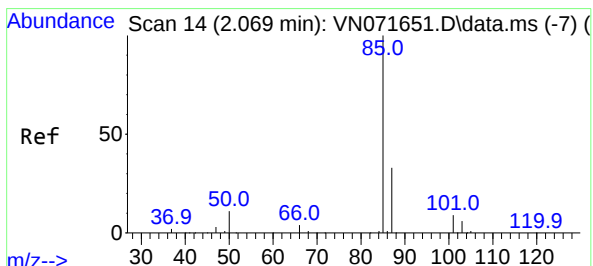
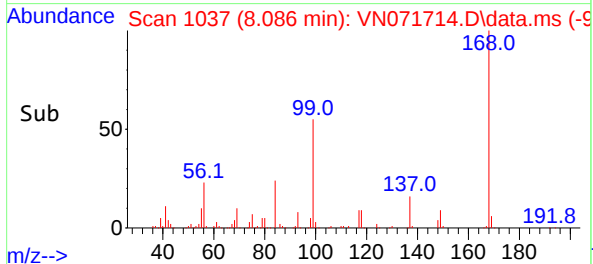
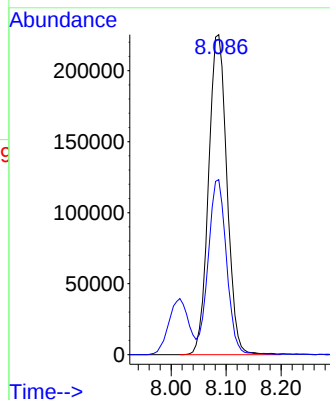
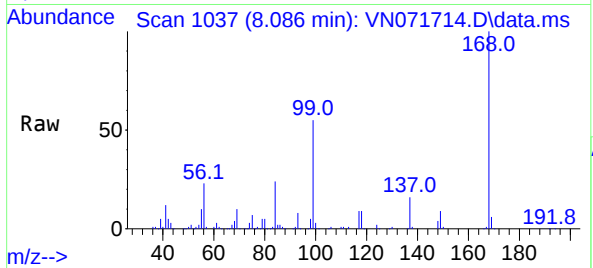
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071714.D
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MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 524059
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5

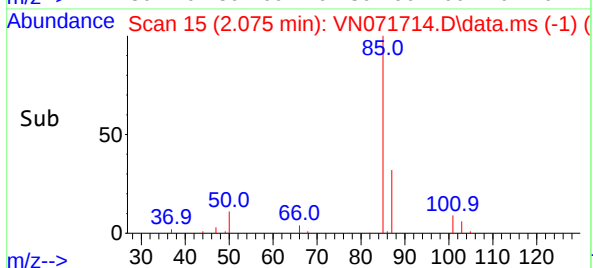
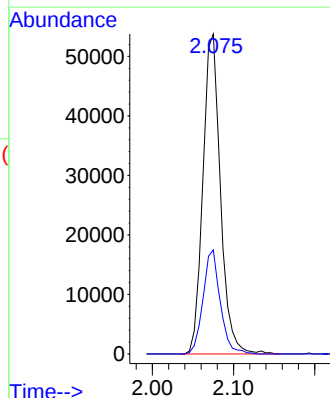
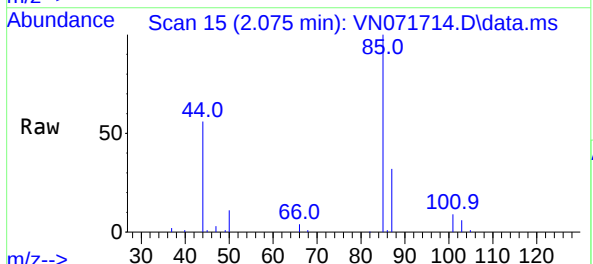
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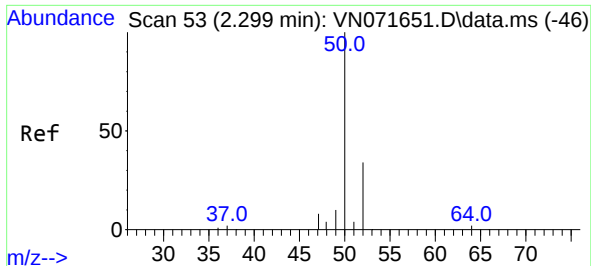
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#2
Dichlorodifluoromethane
Concen: 19.364 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion: 85 Resp: 80675
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





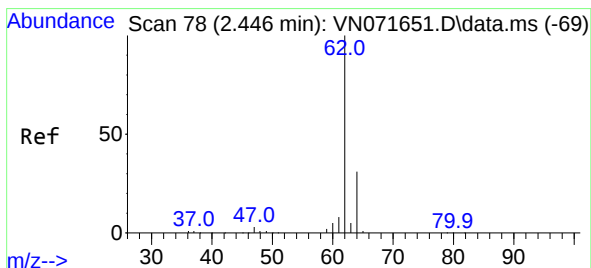
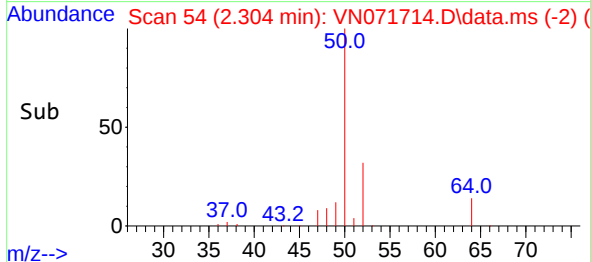
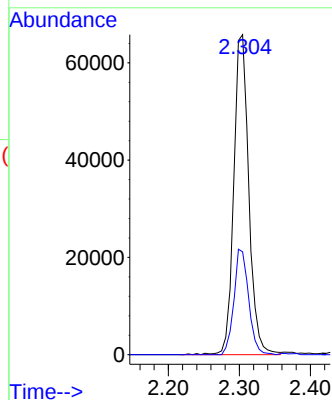
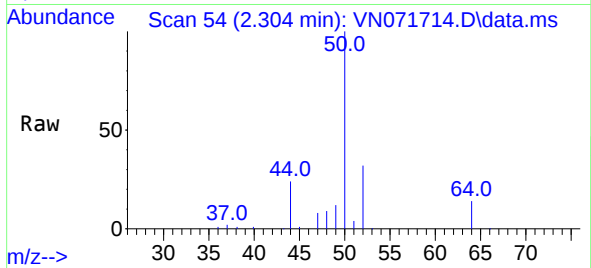
#3
Chloromethane
Concen: 18.377 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
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ClientSampleId :
VN0331WBSD03

Tgt Ion: 50 Resp: 97018
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

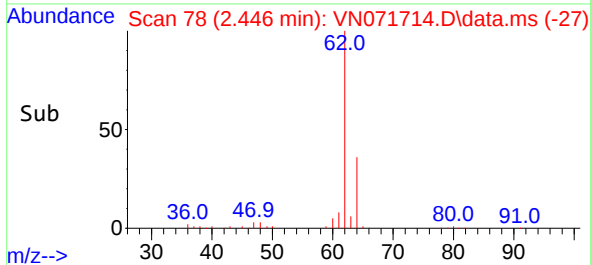
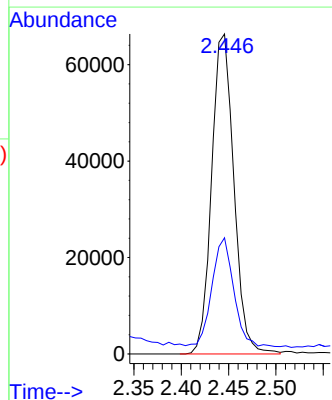
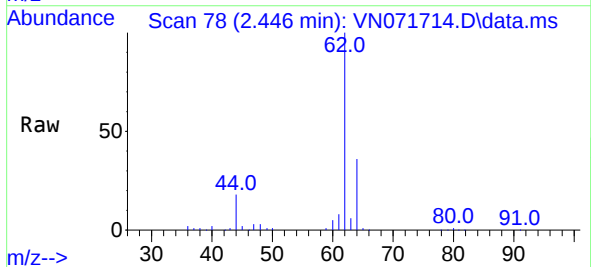
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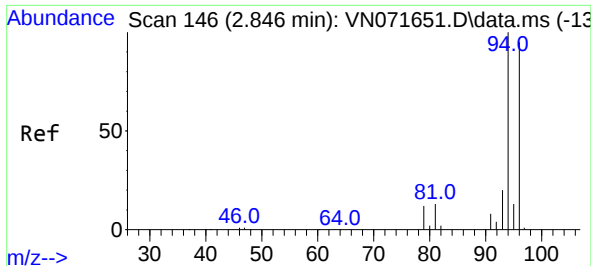
Reviewed By :John Carlone 04/01/2022
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#4
Vinyl Chloride
Concen: 18.685 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

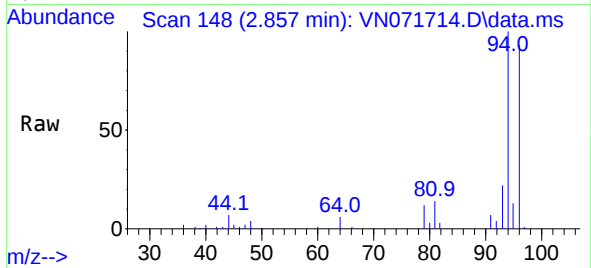
Tgt Ion: 62 Resp: 108333
Ion Ratio Lower Upper
62 100
64 34.0 25.0 37.4





#5
Bromomethane
Concen: 19.498 ug/l
RT: 2.857 min Scan# 146
Delta R.T. 0.011 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

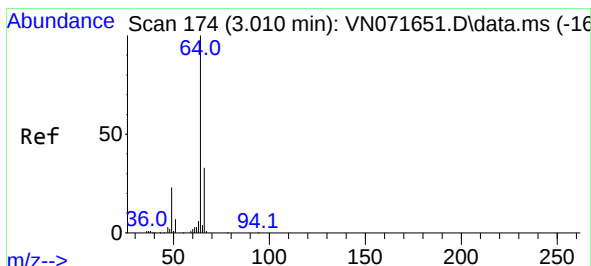
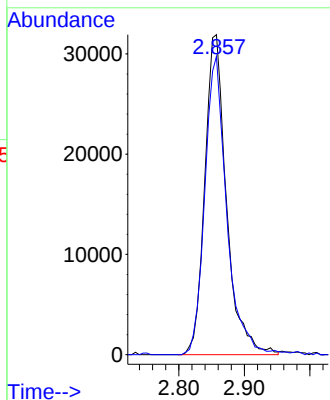
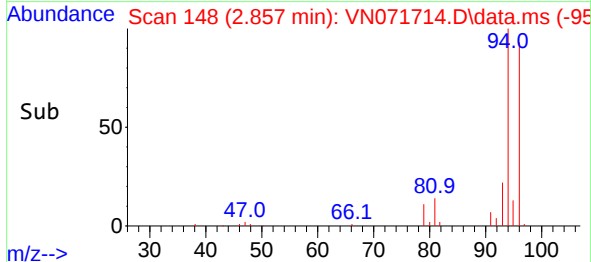
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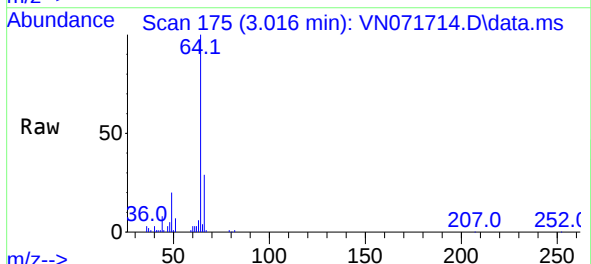
Tgt Ion: 94 Resp: 7348
Ion Ratio Lower Upper
94 100
96 93.2 76.0 114.0

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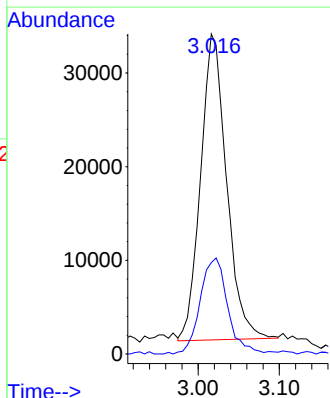
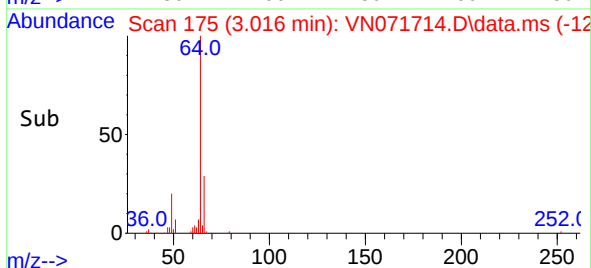
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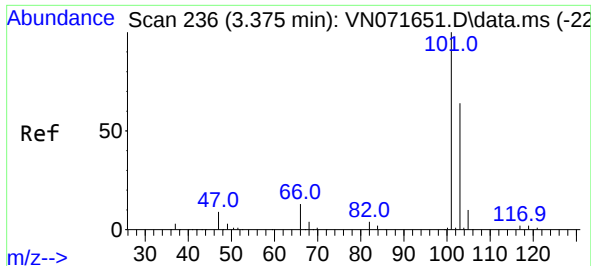


#6
Chloroethane
Concen: 17.403 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion: 64 Resp: 72587
Ion Ratio Lower Upper
64 100
66 29.4 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 18.793 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071714.D
 Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

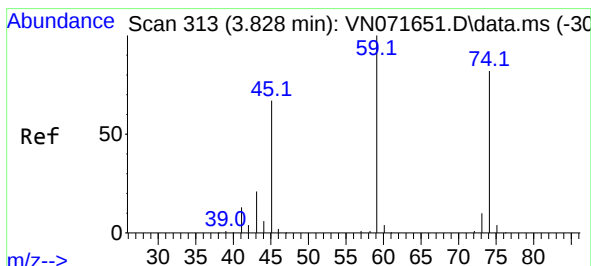
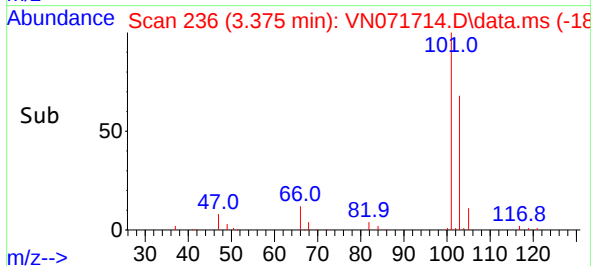
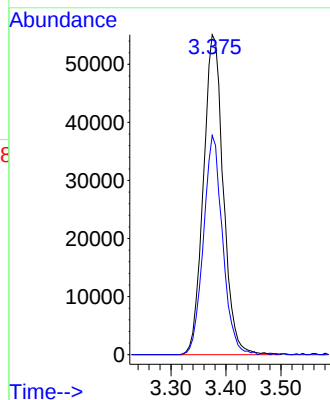
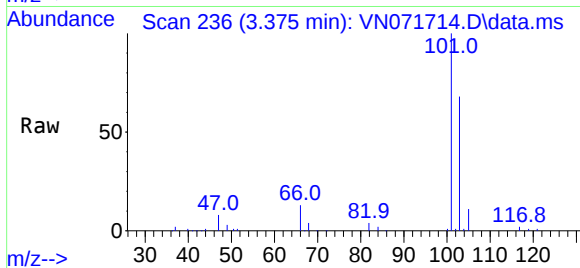
VN0331WBSD03

Tgt Ion:101 Resp: 138620
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.5 77.3

Manual Integrations

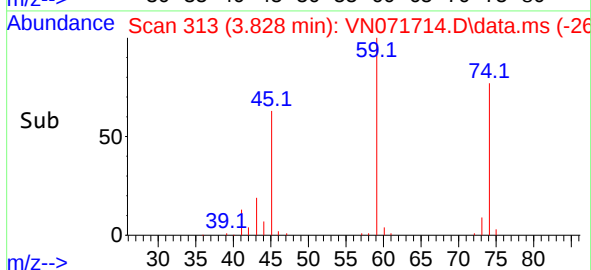
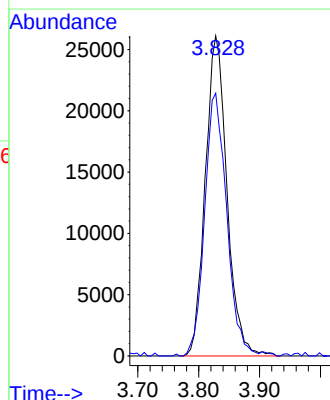
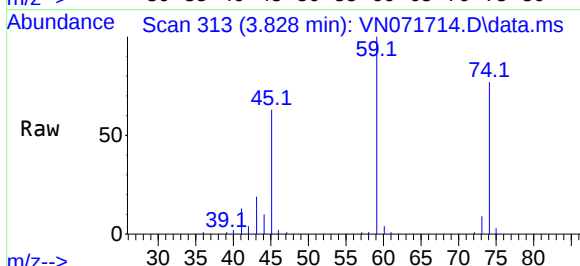
APPROVED

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#8
 Diethyl Ether
 Concen: 20.713 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VN071714.D
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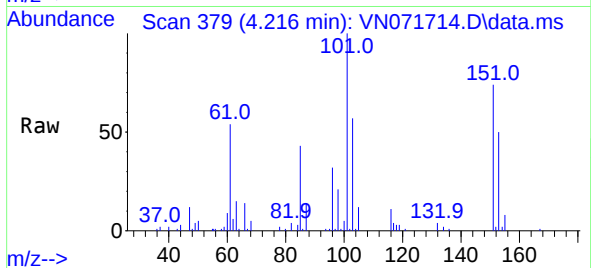
Tgt Ion: 74 Resp: 64570
 Ion Ratio Lower Upper
 74 100
 45 83.5 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.550 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071714.D
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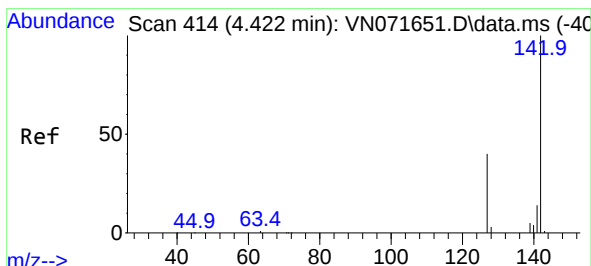
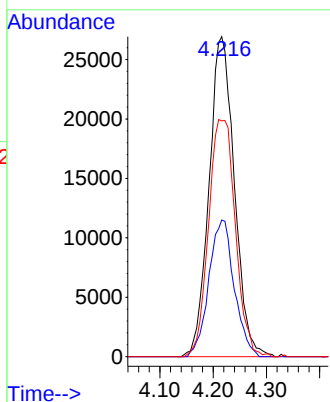
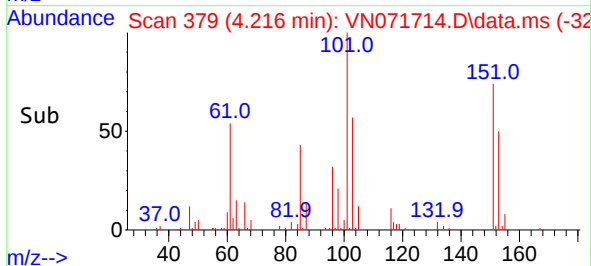
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



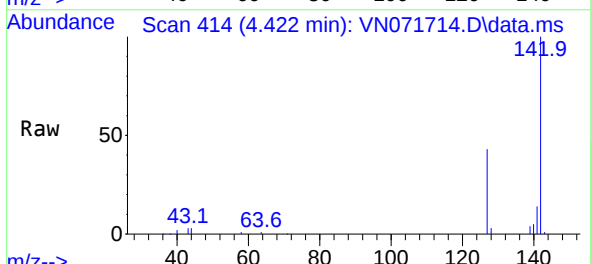
Tgt Ion:101 Resp: 8886
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 78.3 63.0 94.4

Manual Integrations
APPROVED

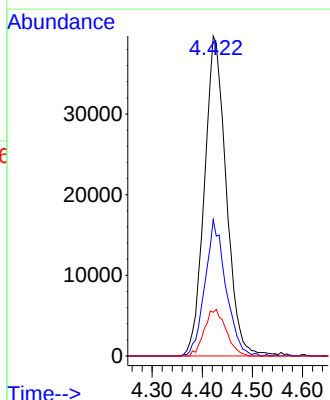
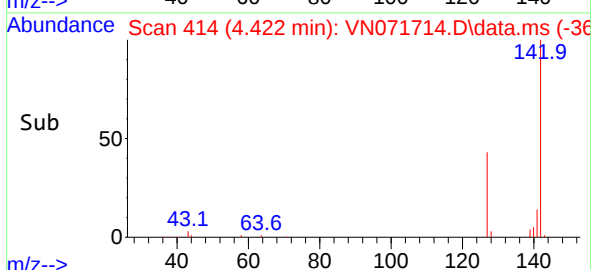
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 18.877 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



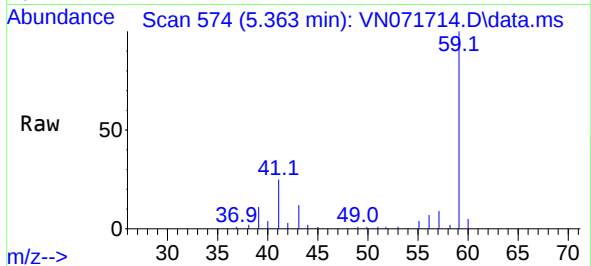
Tgt Ion:142 Resp: 119947
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 108.421 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

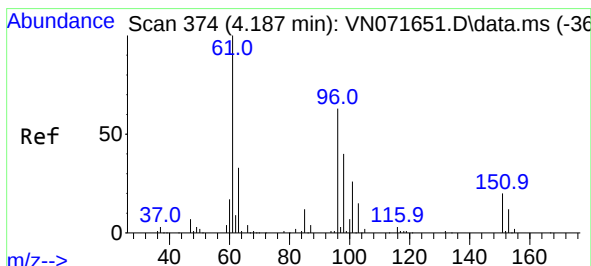
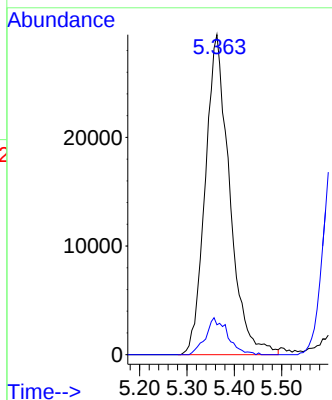
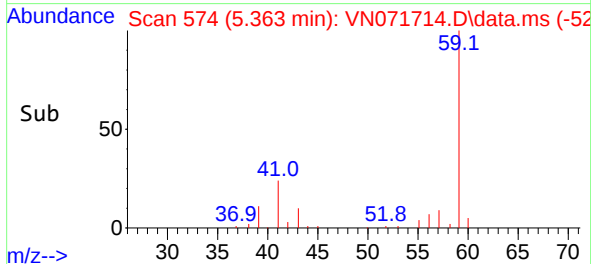
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



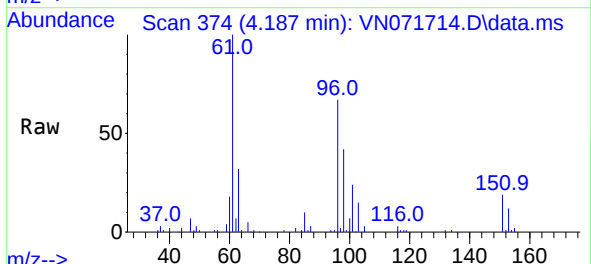
Tgt Ion: 59 Resp: 105260
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

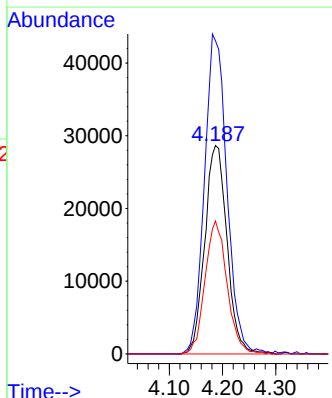
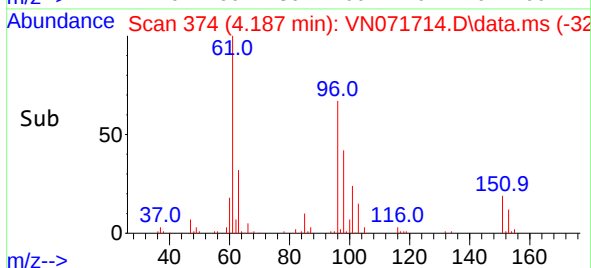
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

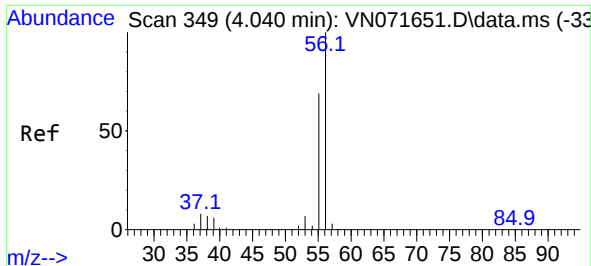


#12
1,1-Dichloroethene
Concen: 19.283 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



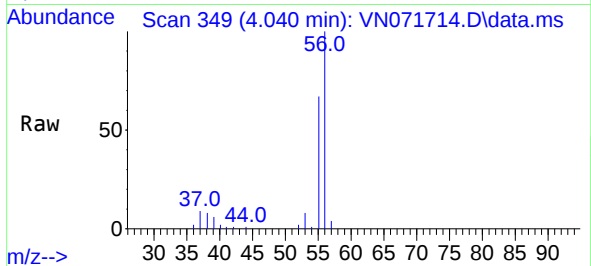
Tgt Ion: 96 Resp: 83411
Ion Ratio Lower Upper
96 100
61 150.2 127.6 191.4
98 63.8 51.2 76.8





#13
Acrolein
Concen: 87.020 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

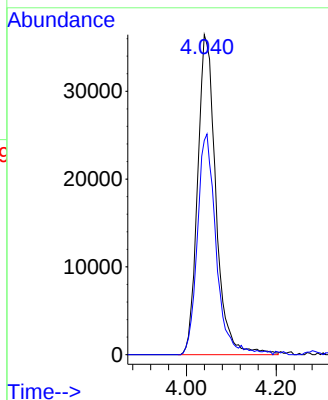
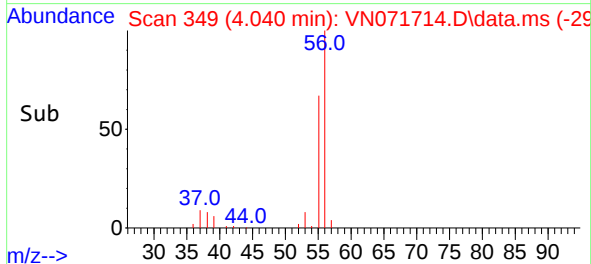
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



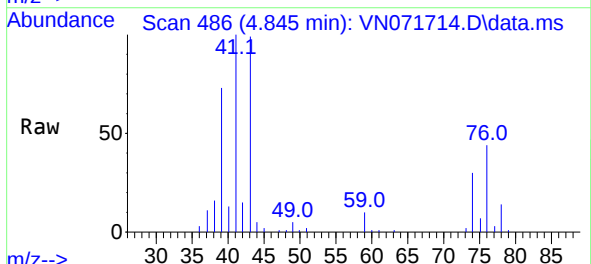
Tgt Ion: 56 Resp: 103010
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

Manual Integrations
APPROVED

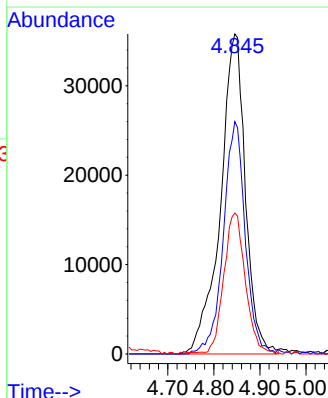
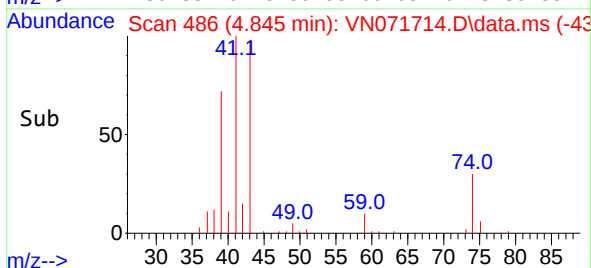
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 19.207 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



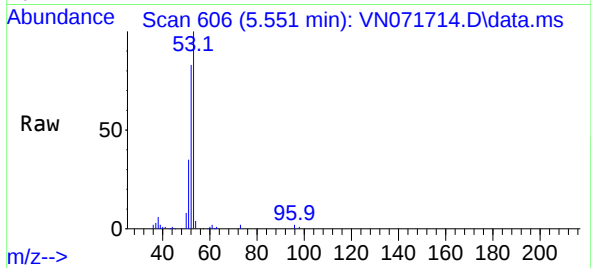
Tgt Ion: 41 Resp: 134848
Ion Ratio Lower Upper
41 100
39 63.6 53.2 79.8
76 38.3 29.9 44.9





#15
Acrylonitrile
Concen: 110.461 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

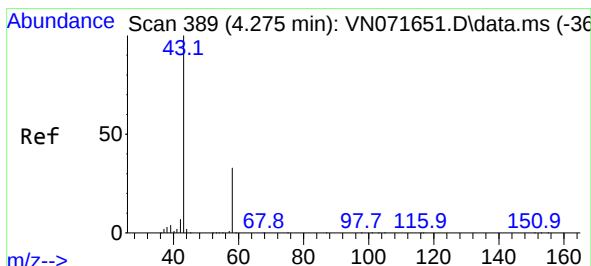
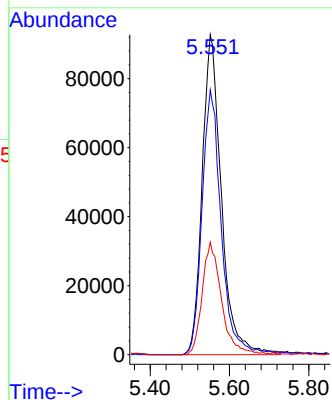
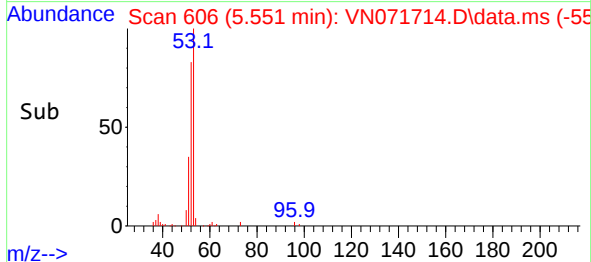
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



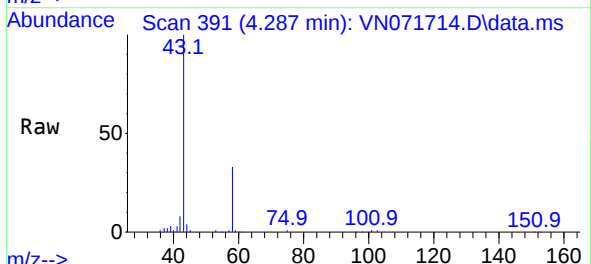
Tgt Ion: 53 Resp: 311730
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 35.4 28.5 42.7

Manual Integrations
APPROVED

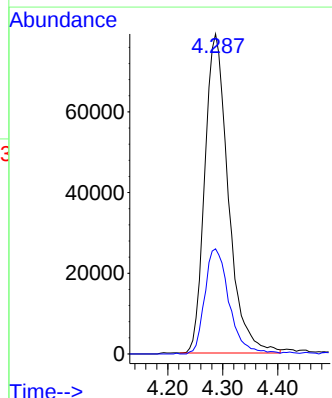
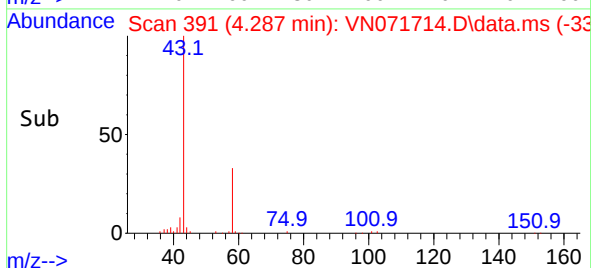
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

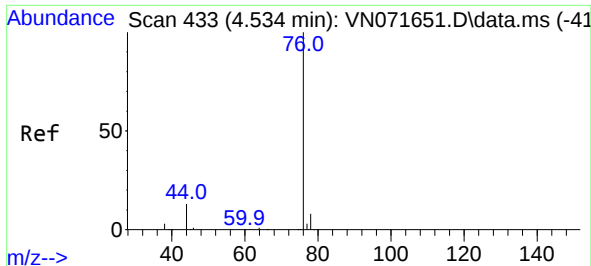


#16
Acetone
Concen: 92.071 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



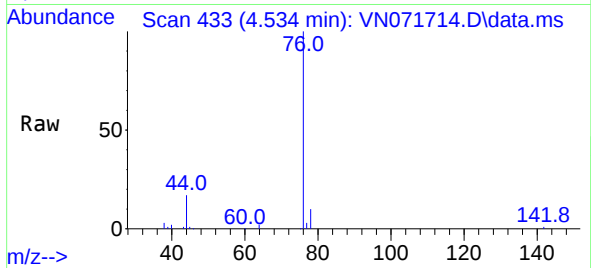
Tgt Ion: 43 Resp: 235407
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 17.094 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

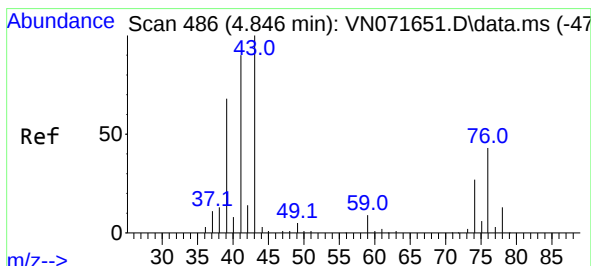
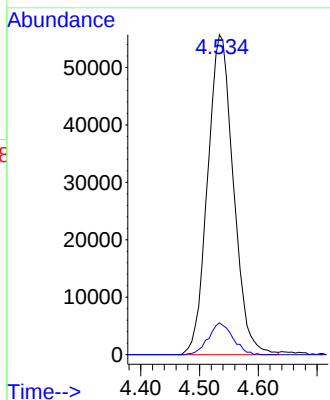
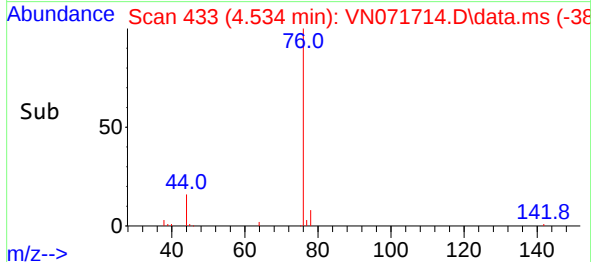
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



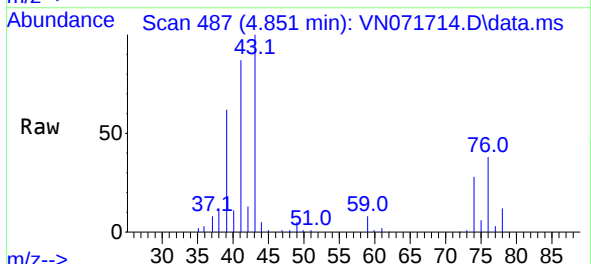
Tgt Ion: 76 Resp: 169650
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

Manual Integrations
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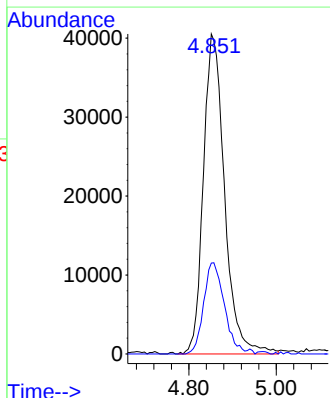
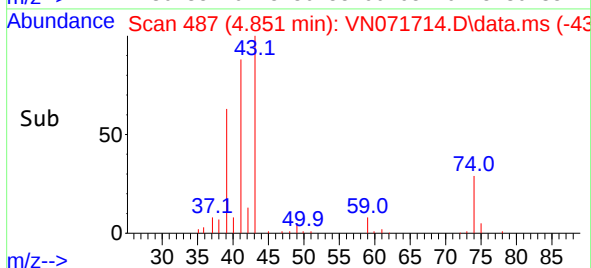
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
Methyl Acetate
Concen: 20.686 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion: 43 Resp: 136592
Ion Ratio Lower Upper
43 100
74 27.6 21.6 32.4





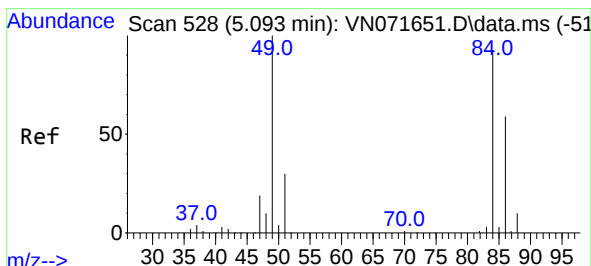
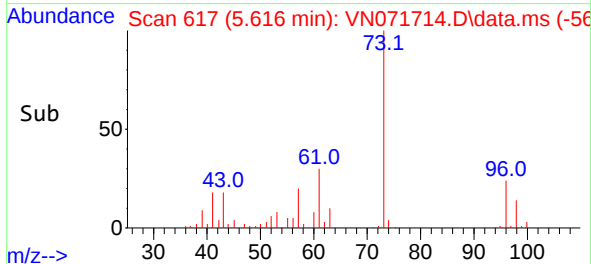
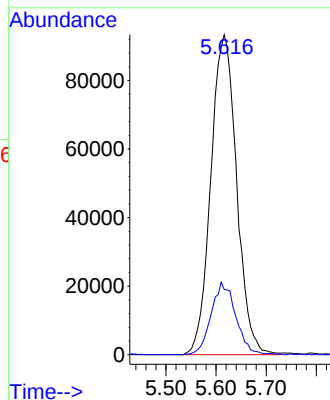
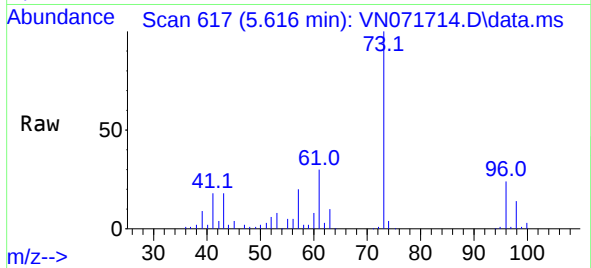
#19
Methyl tert-butyl Ether
Concen: 20.795 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion: 73 Resp: 334174
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

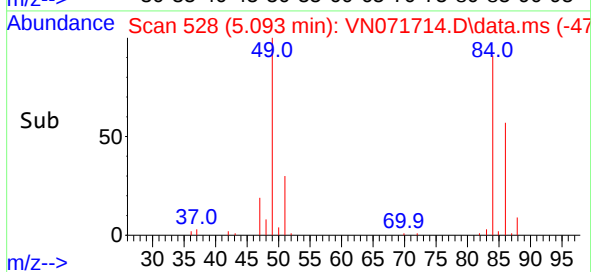
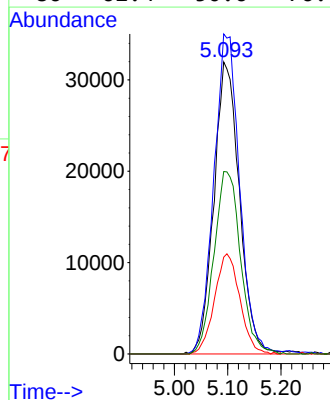
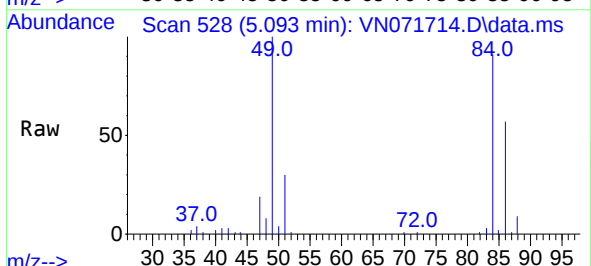
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 19.718 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion: 84 Resp: 106264
Ion Ratio Lower Upper
84 100
49 109.6 88.3 132.5
51 33.1 28.2 42.2
86 62.4 50.6 76.0





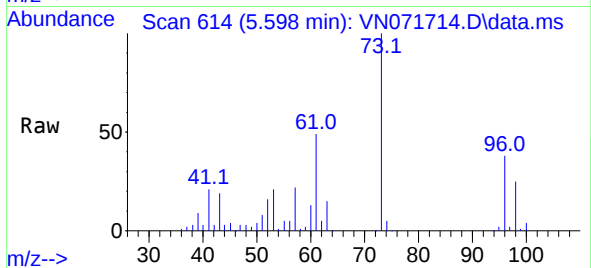
#21
trans-1,2-Dichloroethene
Concen: 18.835 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD03

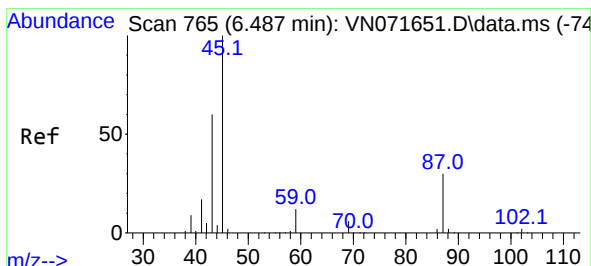
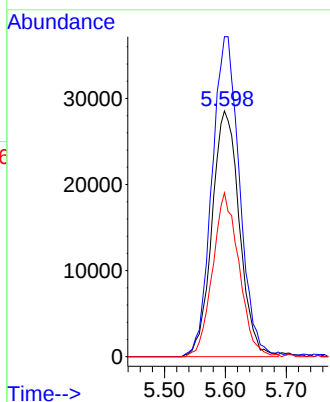
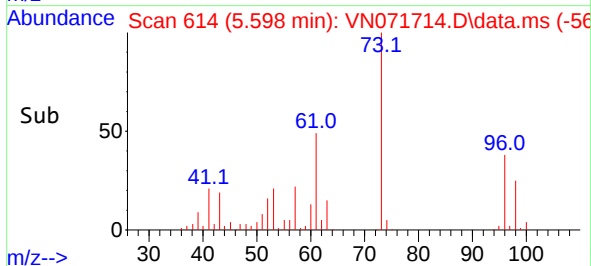


Tgt Ion: 96 Resp: 8944
Ion Ratio Lower Upper
96 100
61 130.2 105.8 158.8
98 66.7 50.3 75.5

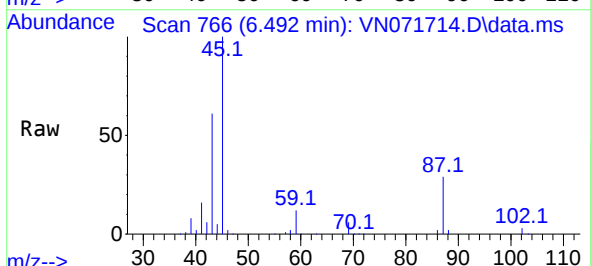
Manual Integrations

APPROVED

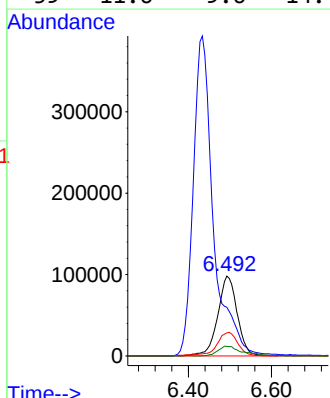
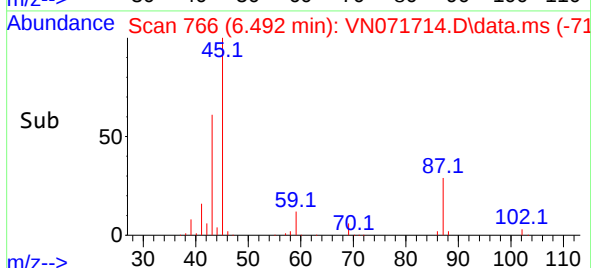
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

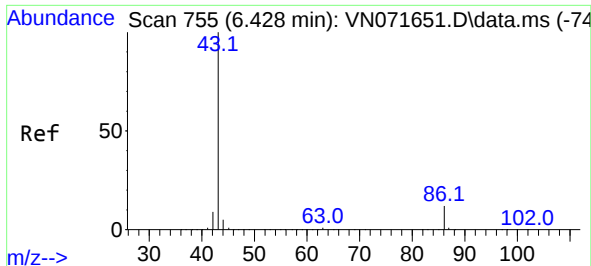


#22
Diisopropyl ether
Concen: 20.853 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion: 45 Resp: 318724
Ion Ratio Lower Upper
45 100
43 59.0 46.6 70.0
87 28.7 24.3 36.5
59 11.6 9.6 14.4





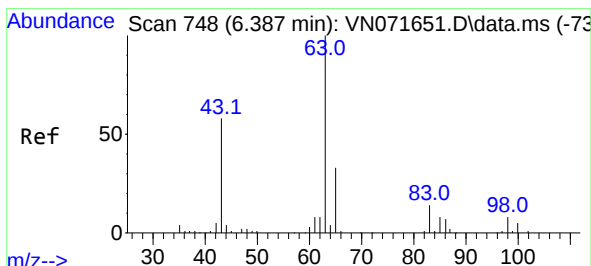
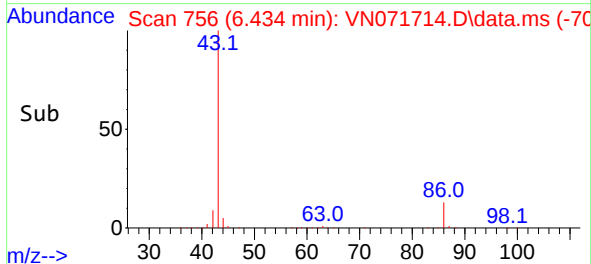
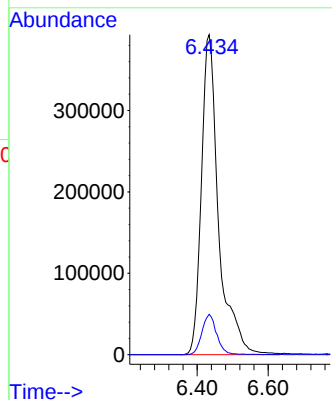
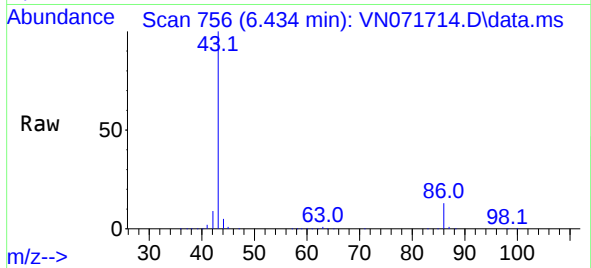
#23
 Vinyl Acetate
 Concen: 108.788 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071714.D
 Acq: 31 Mar 2022 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD03

Tgt Ion: 43 Resp: 132225
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

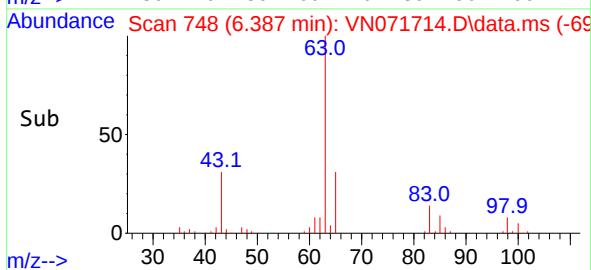
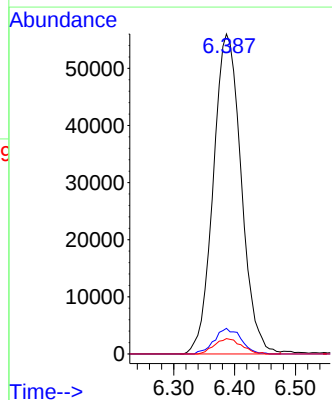
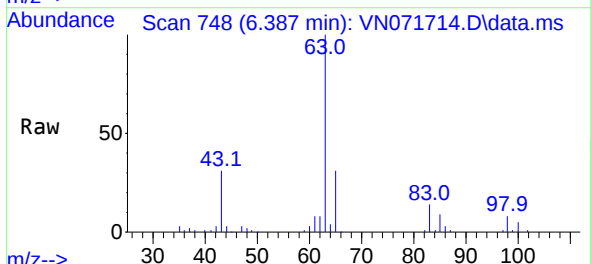
Manual Integrations
 APPROVED

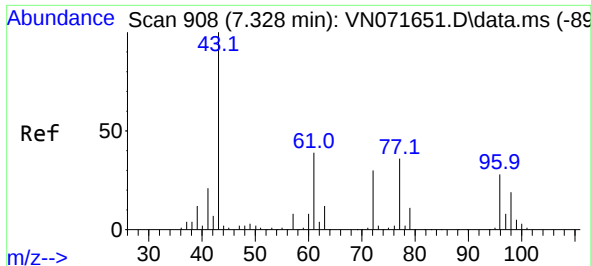
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#24
 1,1-Dichloroethane
 Concen: 19.883 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071714.D
 Acq: 31 Mar 2022 19:14

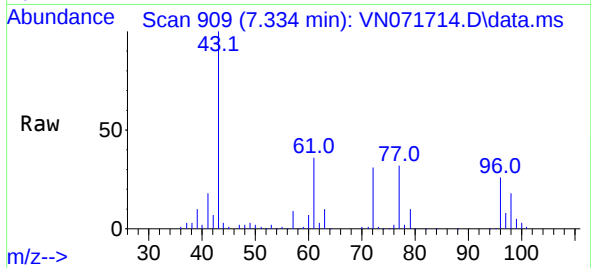
Tgt Ion: 63 Resp: 178404
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 104.276 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

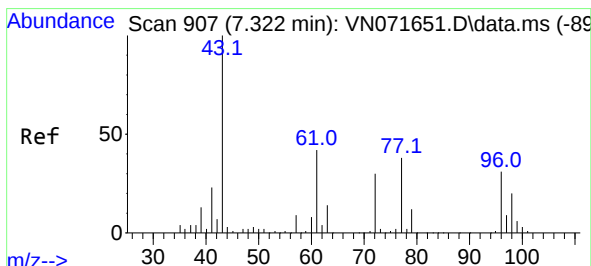
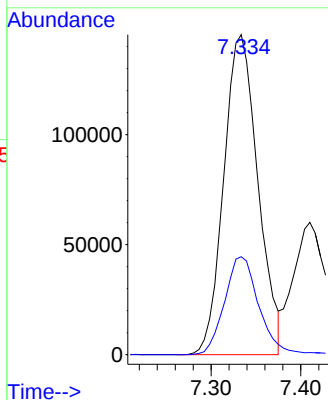
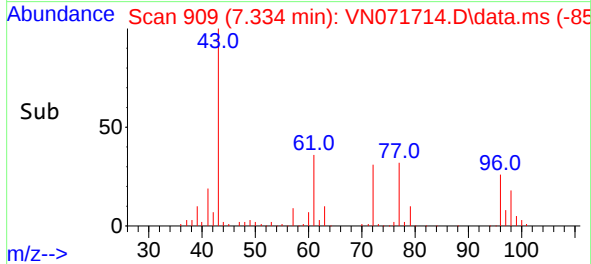
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



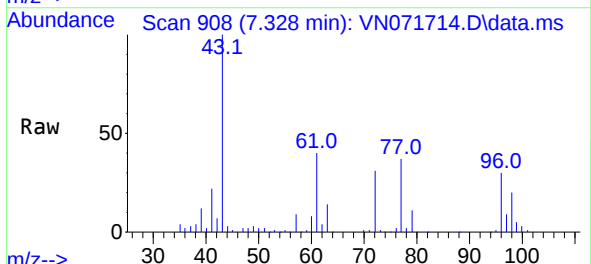
Tgt Ion: 43 Resp: 384358
Ion Ratio Lower Upper
43 100
72 30.6 23.7 35.5

Manual Integrations
APPROVED

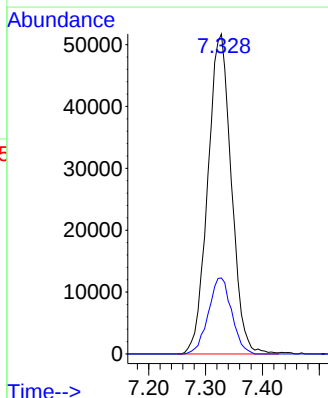
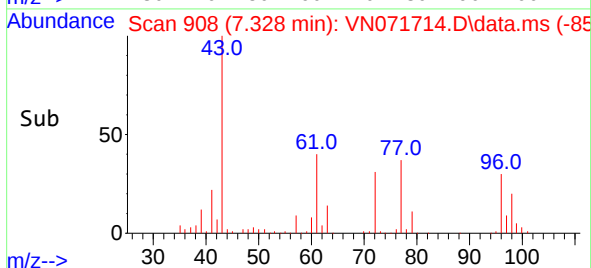
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

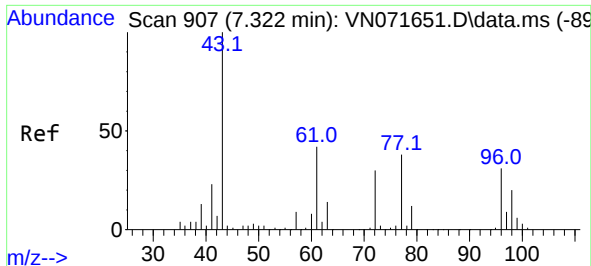


#26
2,2-Dichloropropane
Concen: 19.282 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion: 77 Resp: 148626
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





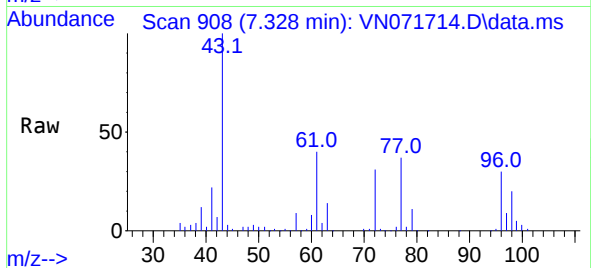
#27
 cis-1,2-Dichloroethene
 Concen: 19.518 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071714.D
 Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD03

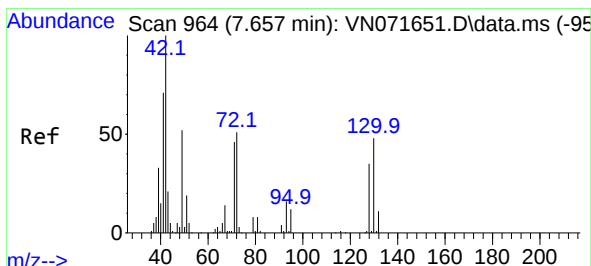
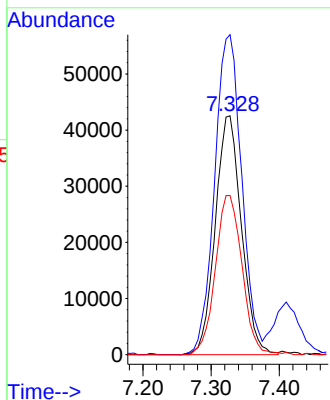
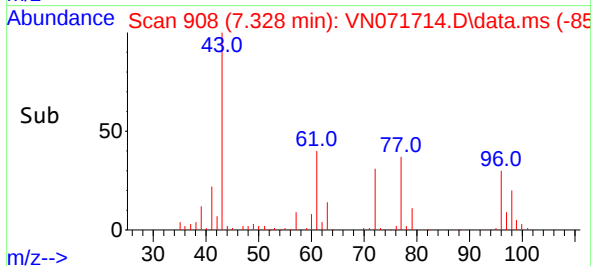


Tgt Ion: 96 Resp: 113650
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 280.6
 98 68.0 0.0 128.4

Manual Integrations

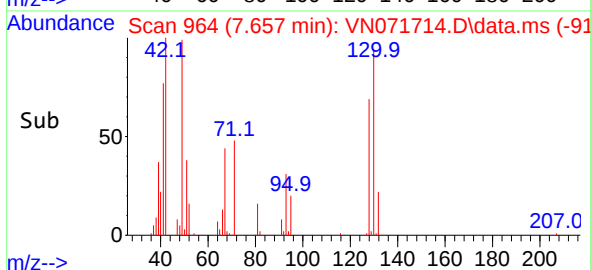
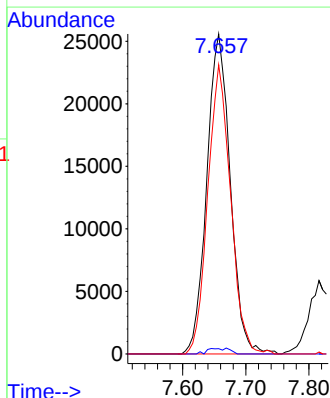
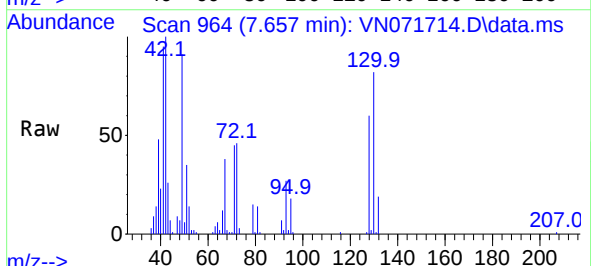
APPROVED

Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#28
 Bromochloromethane
 Concen: 18.271 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN071714.D
 Acq: 31 Mar 2022 19:14

Tgt Ion: 49 Resp: 66131
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 87.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 109.769 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.011 min

Lab File: VN071714.D

Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD03

Tgt Ion: 42 Resp: 26198

Ion Ratio Lower Upper

42 100

72 49.1 39.7 59.5

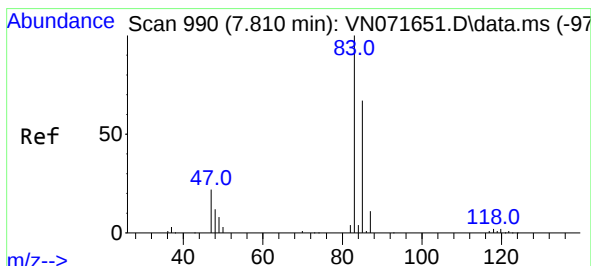
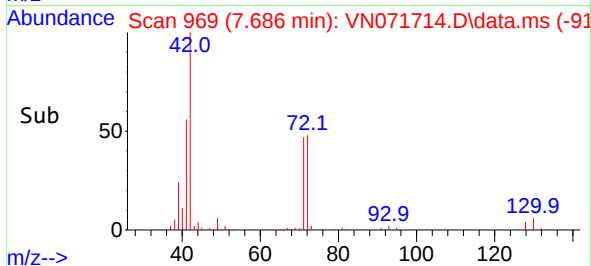
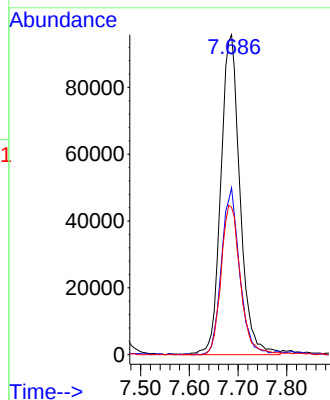
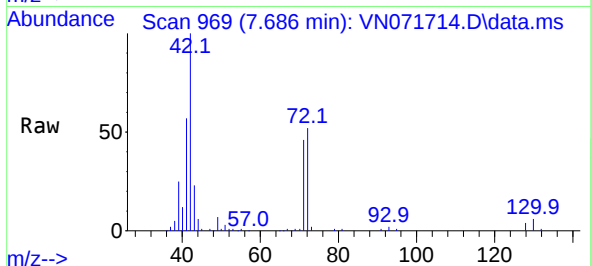
71 47.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#30

Chloroform

Concen: 20.099 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071714.D

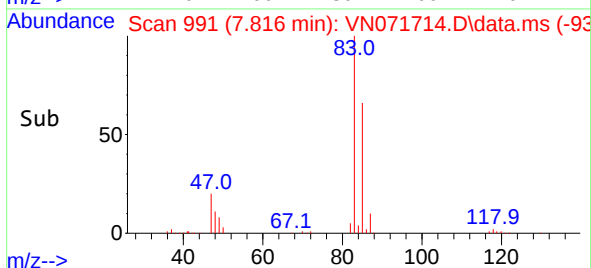
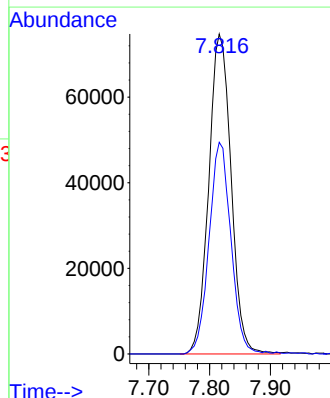
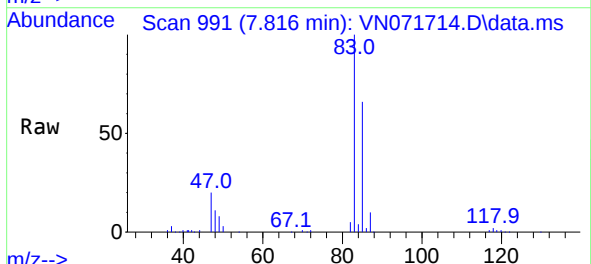
Acq: 31 Mar 2022 19:14

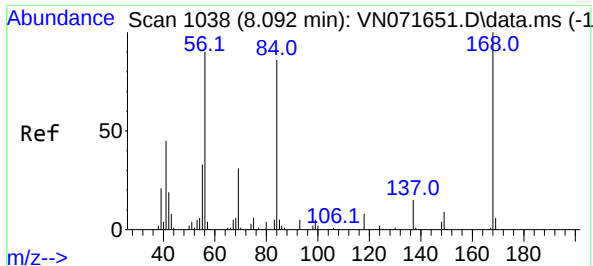
Tgt Ion: 83 Resp: 190424

Ion Ratio Lower Upper

83 100

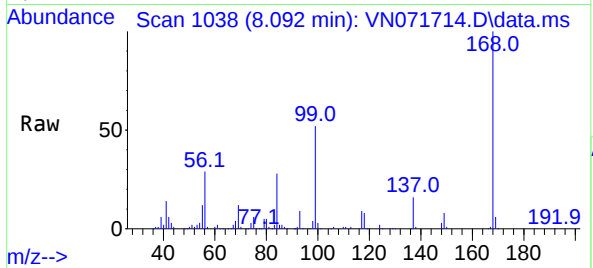
85 66.2 51.8 77.8





#31
Cyclohexane
Concen: 18.704 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

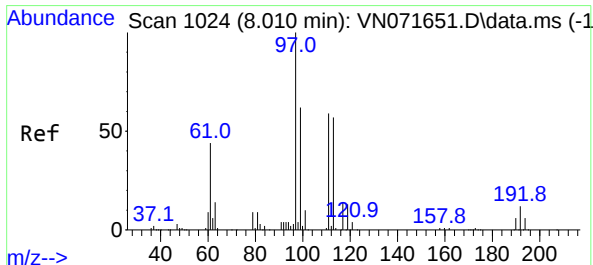
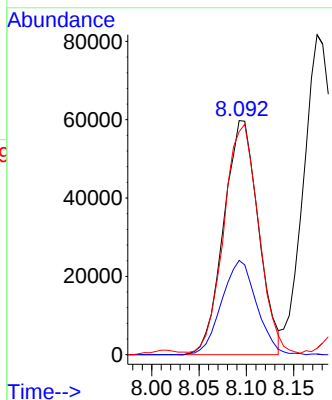
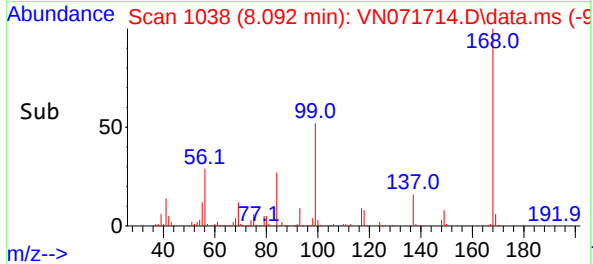
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



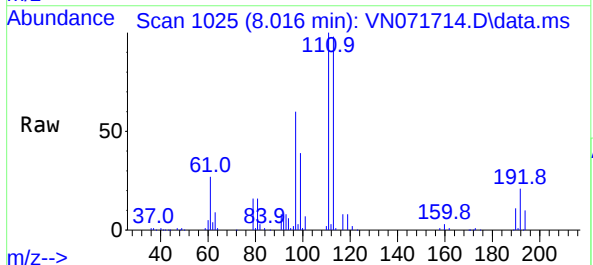
Tgt Ion: 56 Resp: 15218
Ion Ratio Lower Upper
56 100
69 40.3 27.8 41.8
84 94.2 76.9 115.3

Manual Integrations
APPROVED

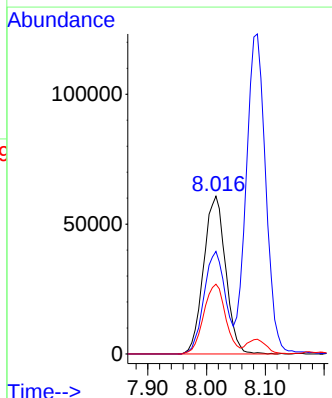
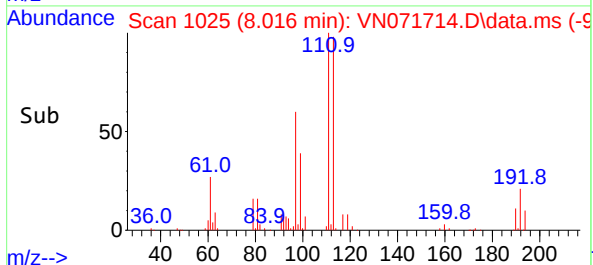
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

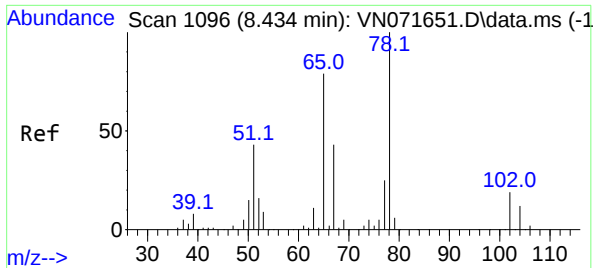


#32
1,1,1-Trichloroethane
Concen: 19.490 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion: 97 Resp: 157972
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.2 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 51.214 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

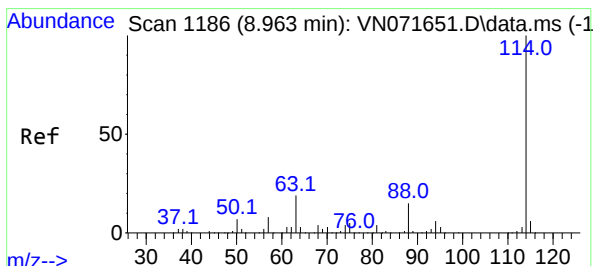
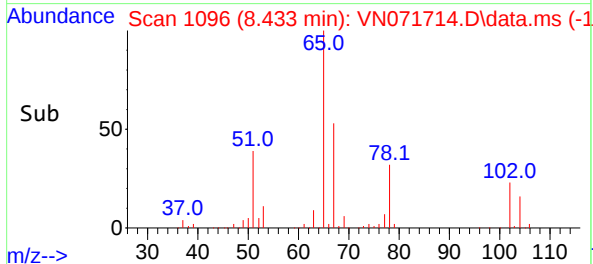
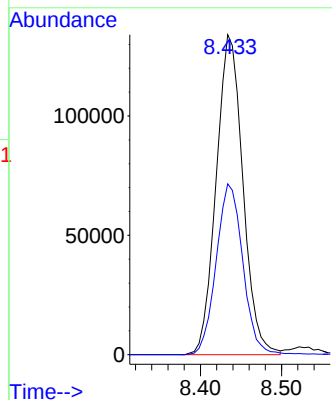
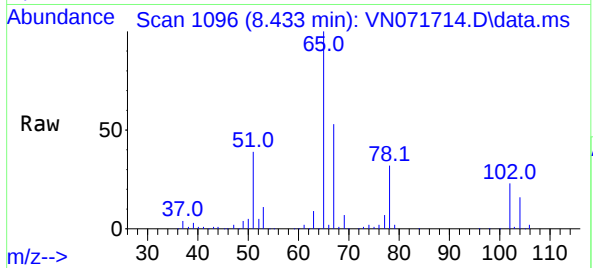
VN0331WBSD03

Tgt Ion: 65 Resp: 30640
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

Manual Integrations

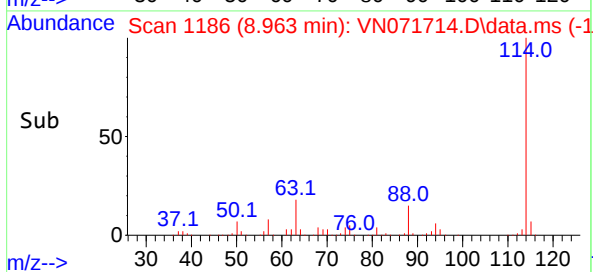
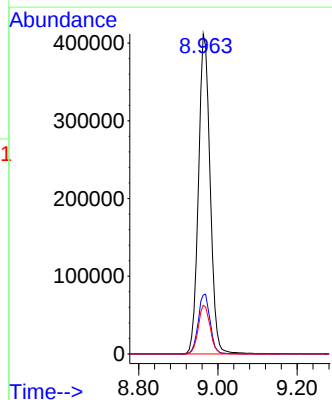
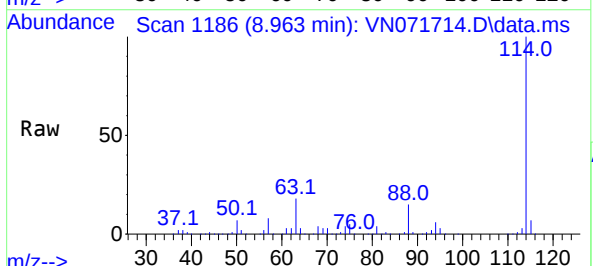
APPROVED

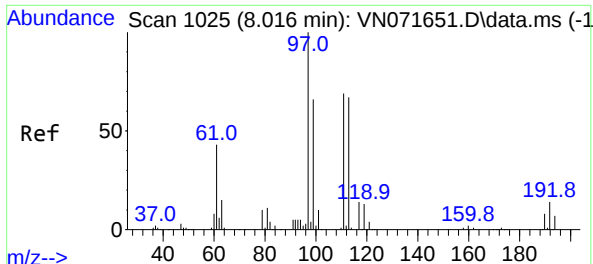
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

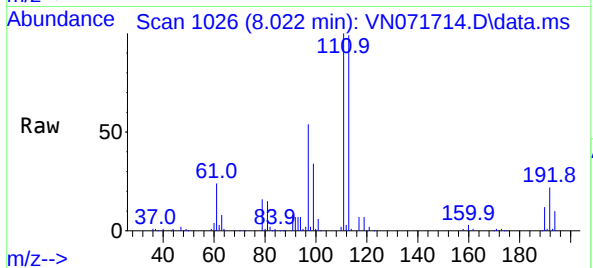
Tgt Ion:114 Resp: 839347
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.676 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

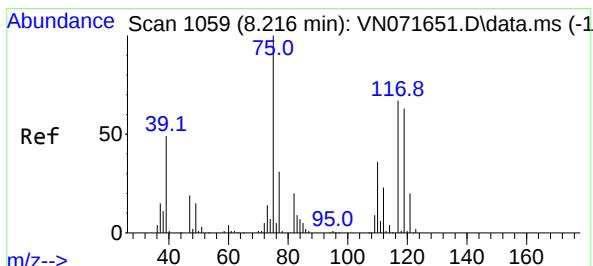
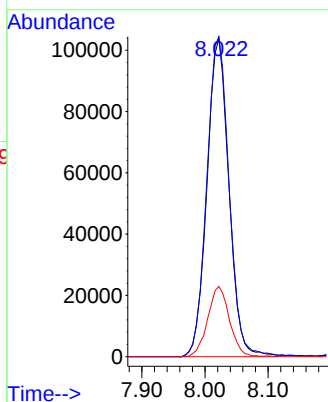
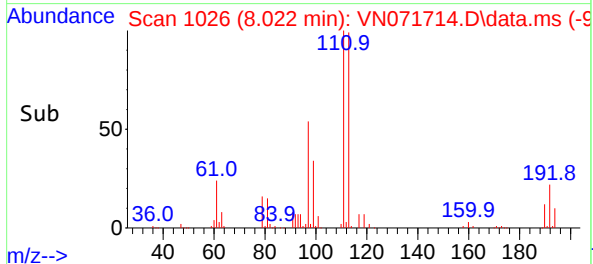
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion: 113 Resp: 250294
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.0 17.0 25.6

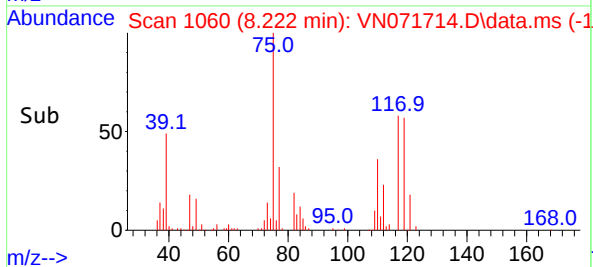
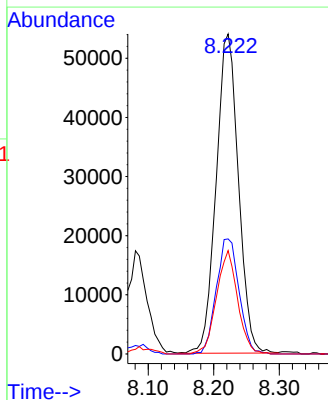
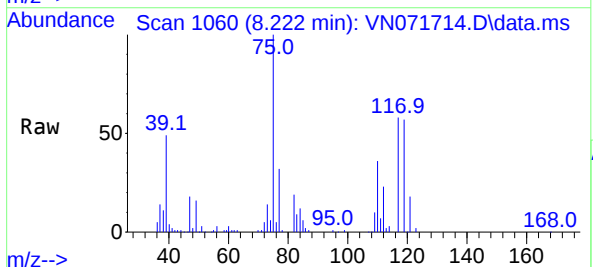
Manual Integrations
APPROVED

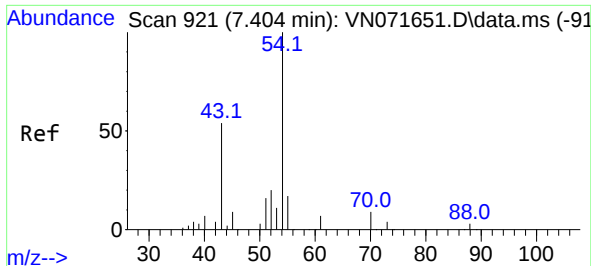
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#36
1,1-Dichloropropene
Concen: 18.429 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

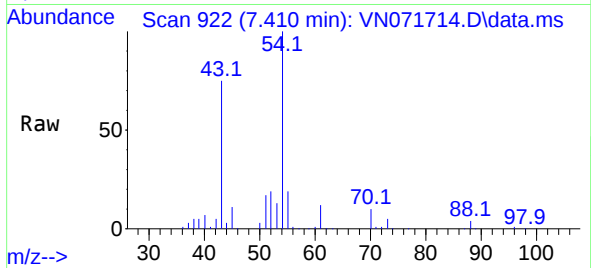
Tgt Ion: 75 Resp: 127112
Ion Ratio Lower Upper
75 100
110 36.9 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 22.165 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

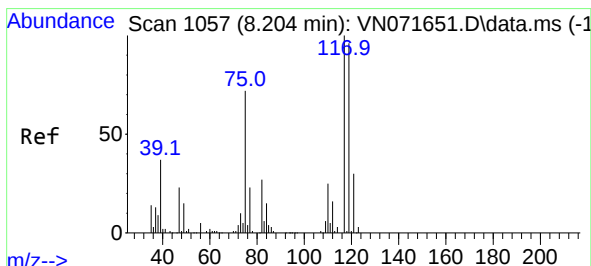
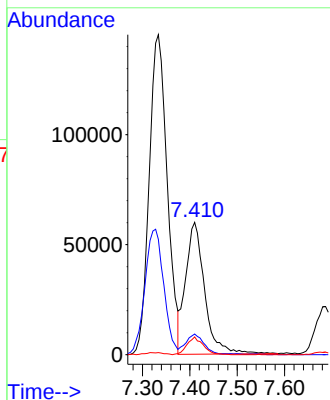
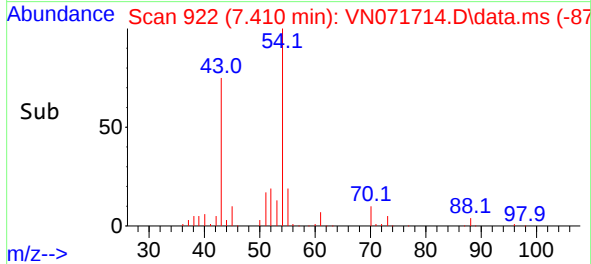
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion: 43 Resp: 16732
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 11.5 9.3 13.9

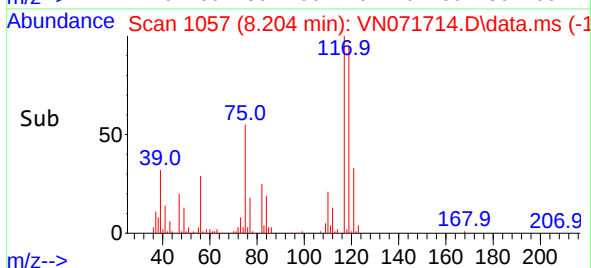
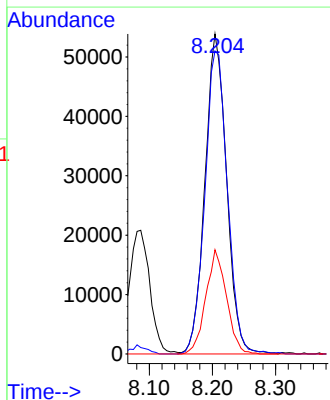
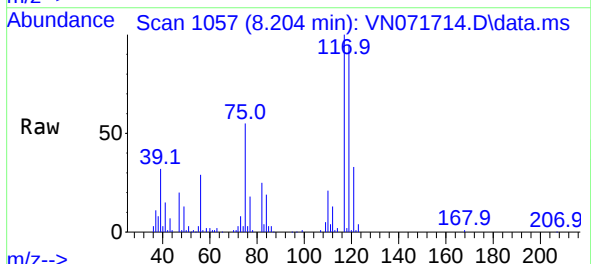
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 18.995 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion:117 Resp: 128403
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
121 32.5 24.6 37.0





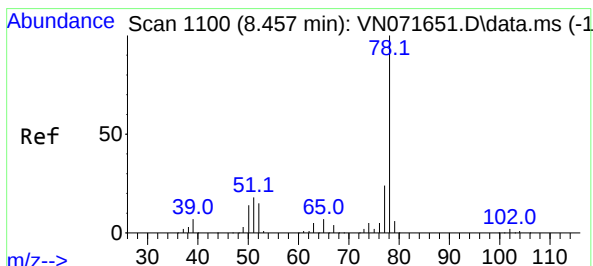
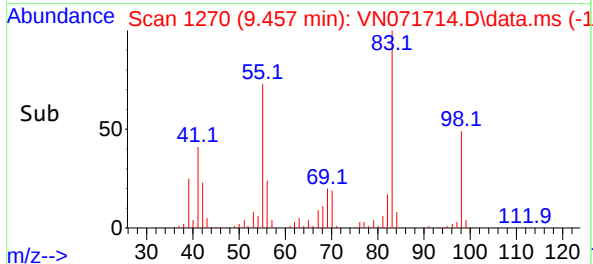
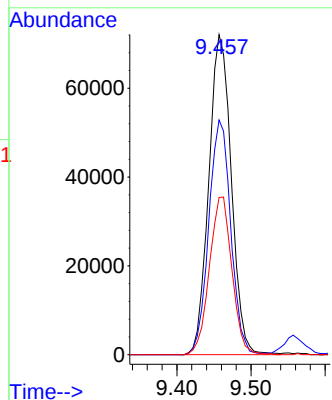
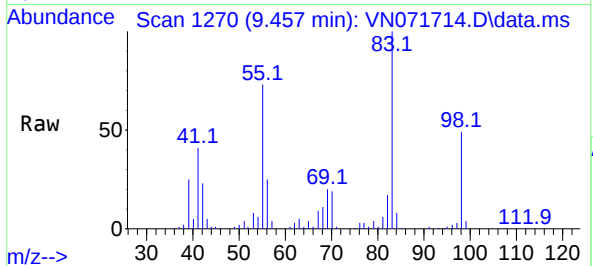
#39
Methylcyclohexane
Concen: 18.523 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion: 83 Resp: 152070
Ion Ratio Lower Upper
83 100
55 73.4 57.8 86.8
98 49.2 39.4 59.2

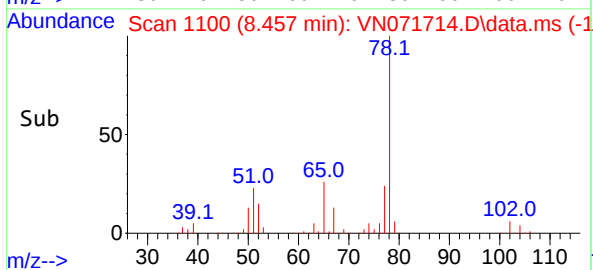
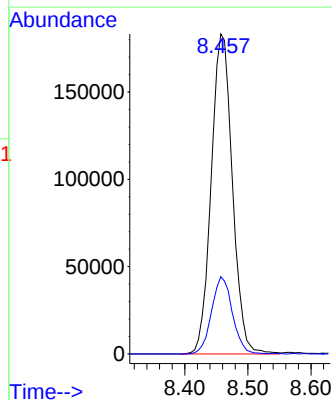
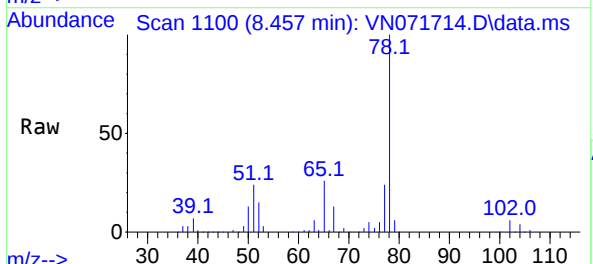
Manual Integrations
APPROVED

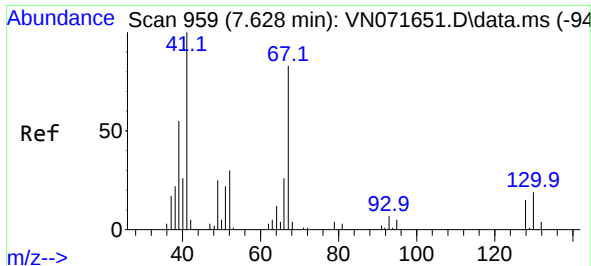
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#40
Benzene
Concen: 19.597 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

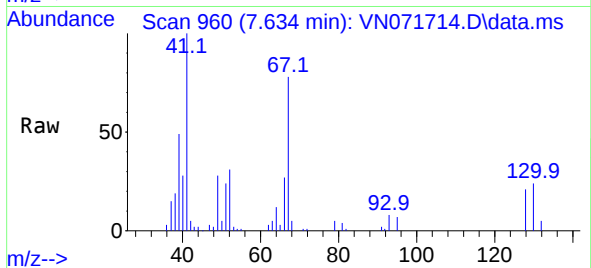
Tgt Ion: 78 Resp: 426986
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 20.478 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

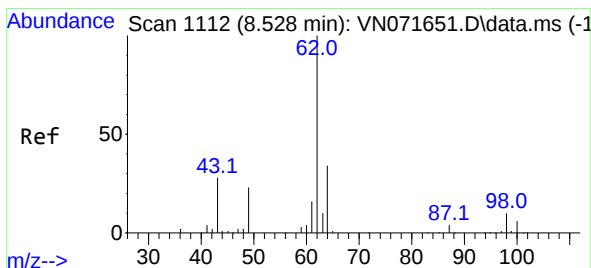
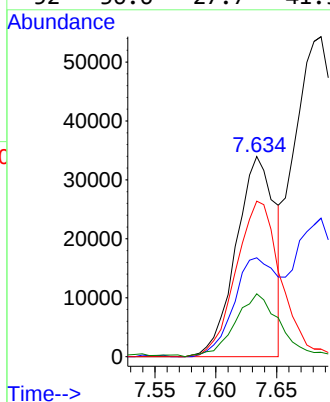
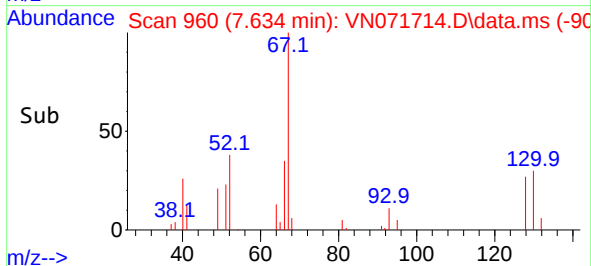
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



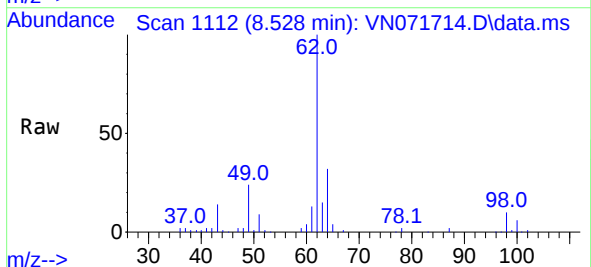
Tgt Ion: 41 Resp: 7569
Ion Ratio Lower Upper
41 100
39 59.5 48.6 73.0
67 90.3 73.4 110.2
52 36.6 27.7 41.5

Manual Integrations
APPROVED

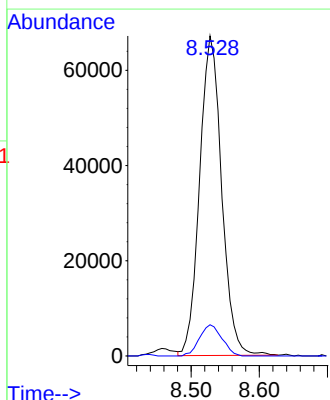
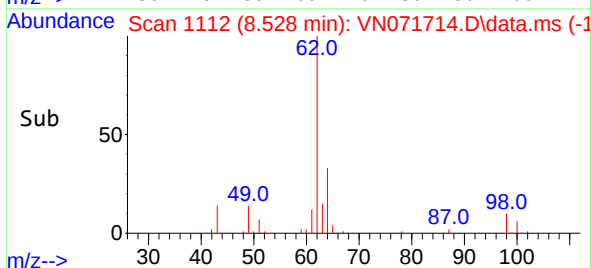
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

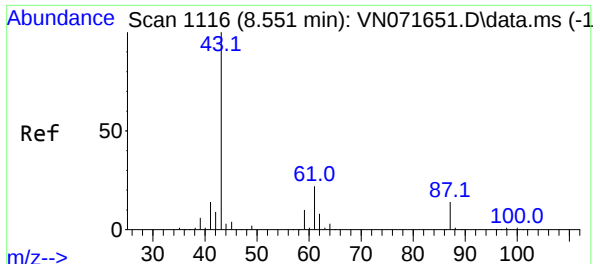


#42
1,2-Dichloroethane
Concen: 20.017 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



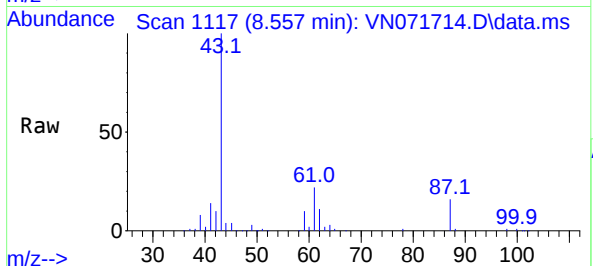
Tgt Ion: 62 Resp: 150871
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.252 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

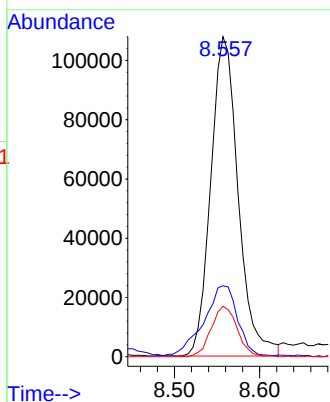
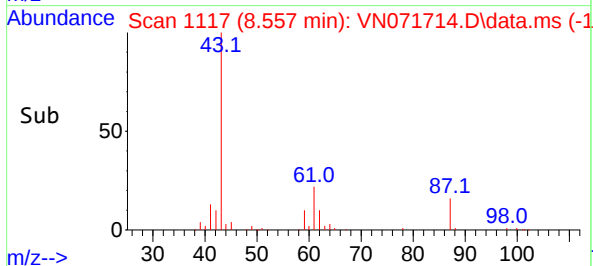
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



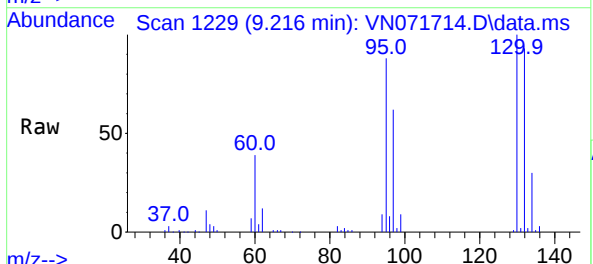
Tgt Ion: 43 Resp: 241744
Ion Ratio Lower Upper
43 100
61 26.8 21.9 32.9
87 15.0 12.0 18.0

Manual Integrations
APPROVED

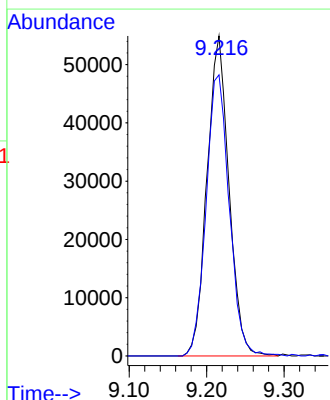
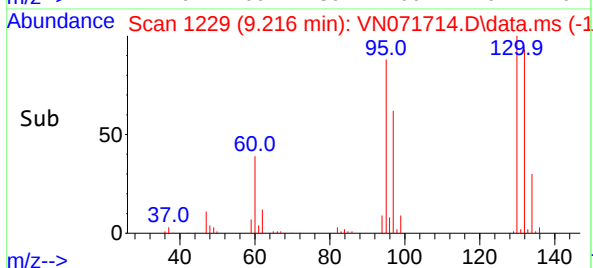
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#44
Trichloroethene
Concen: 19.242 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion:130 Resp: 108012
Ion Ratio Lower Upper
130 100
95 87.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.782 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071714.D

Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD03

Tgt Ion: 63 Resp: 10767

Ion Ratio Lower Upper

63 100

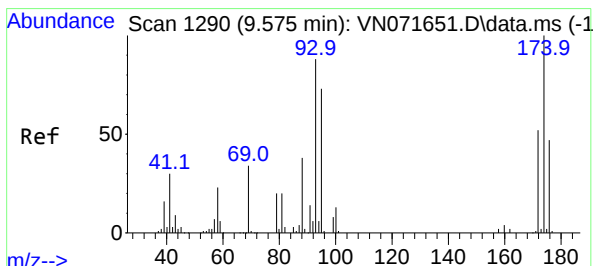
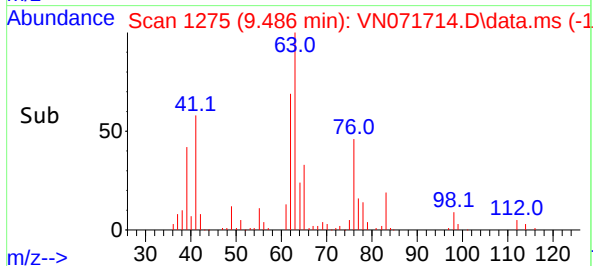
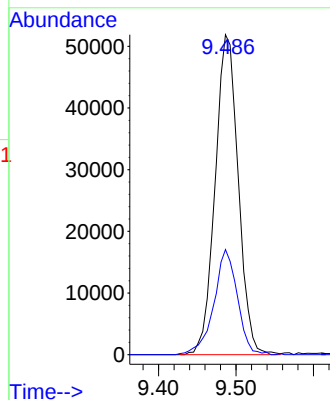
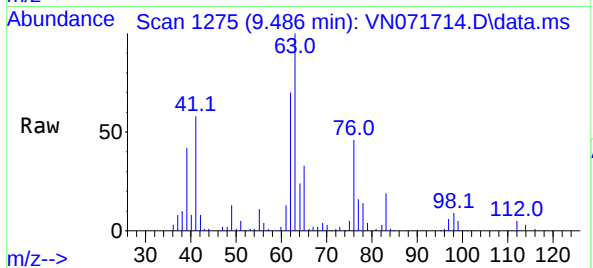
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 20.137 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071714.D

Acq: 31 Mar 2022 19:14

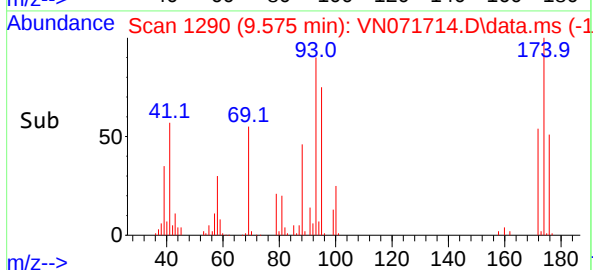
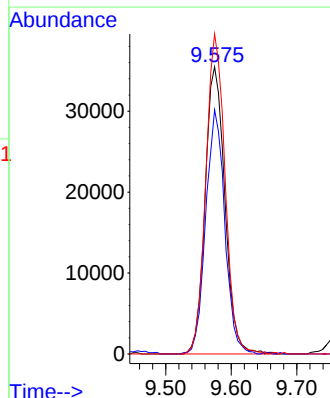
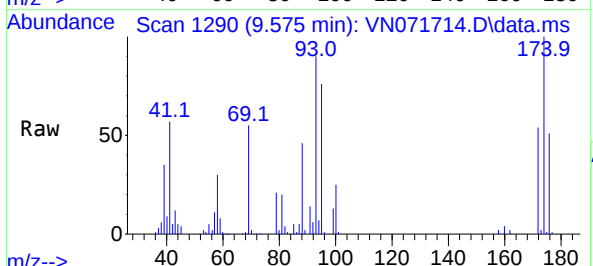
Tgt Ion: 93 Resp: 74418

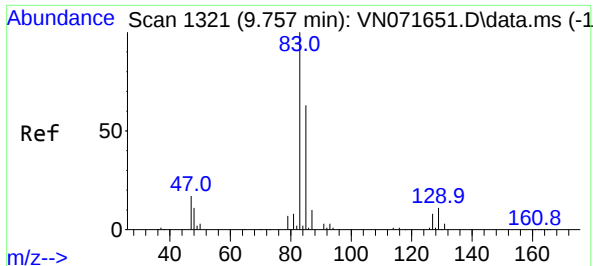
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

174 108.6 86.6 130.0





#47
Bromodichloromethane
Concen: 20.379 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

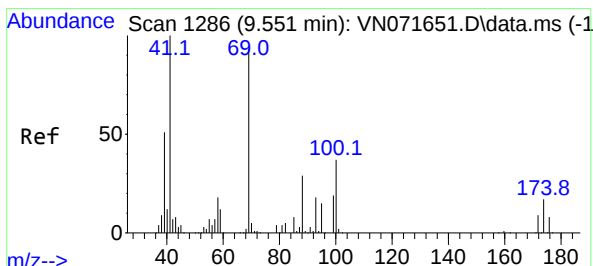
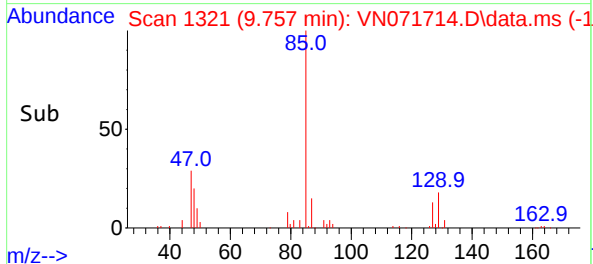
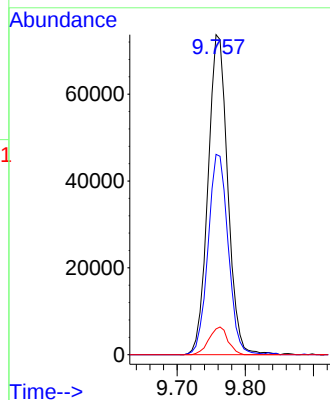
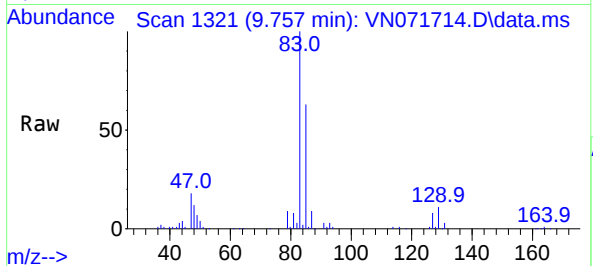
VN0331WBSD03

Tgt Ion: 83 Resp: 148252
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 8.1 6.8 10.2

Manual Integrations

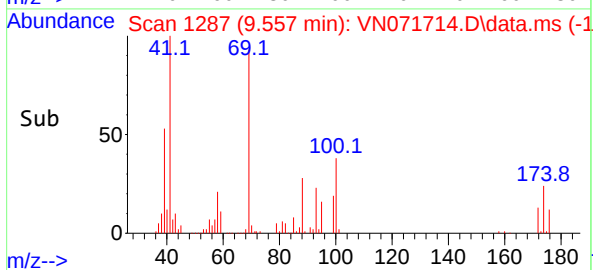
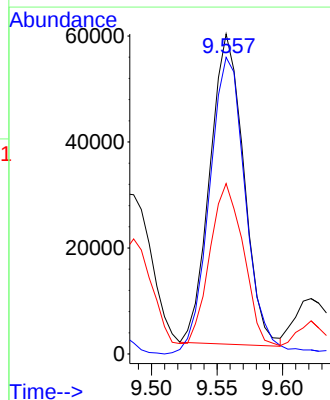
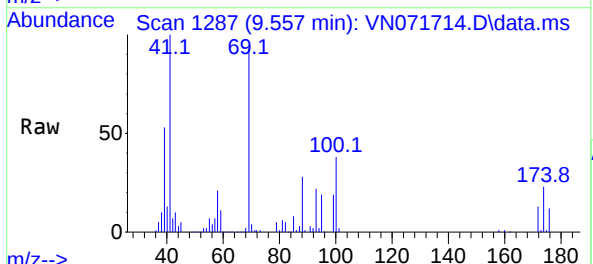
APPROVED

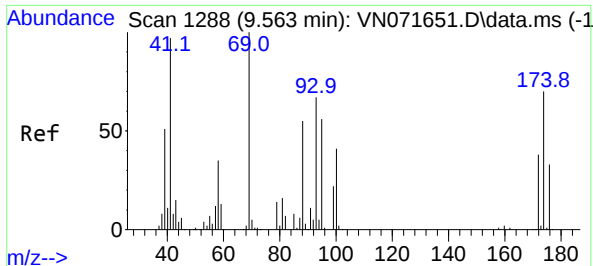
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#48
Methyl methacrylate
Concen: 20.140 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion: 41 Resp: 104922
Ion Ratio Lower Upper
41 100
69 103.6 74.7 112.1
39 58.0 45.6 68.4





#49

1,4-Dioxane

Concen: 382.618 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071714.D

Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD03

Tgt Ion: 88 Resp: 4834

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.4

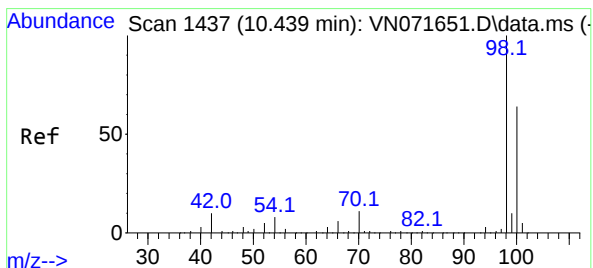
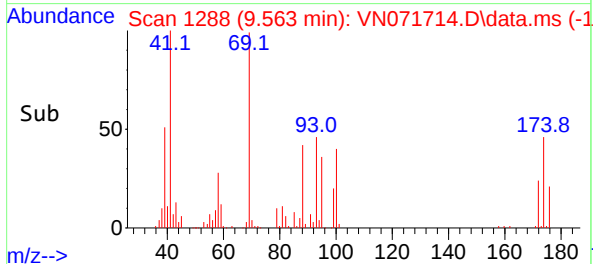
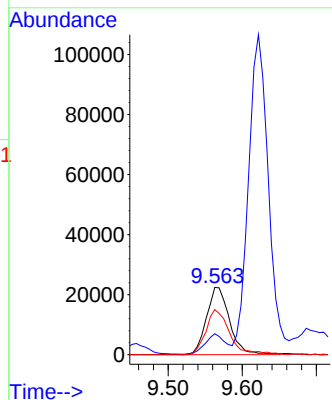
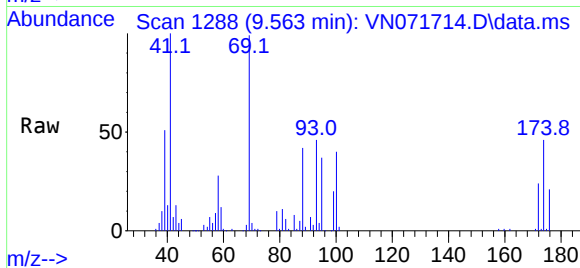
58 69.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071714.D

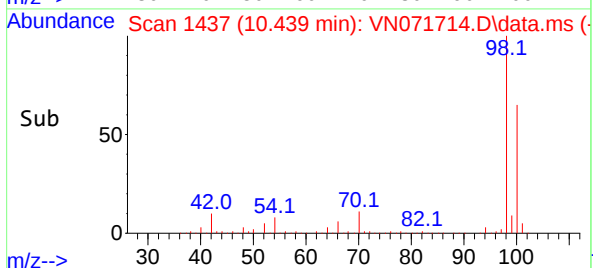
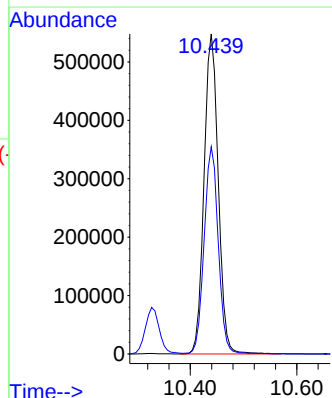
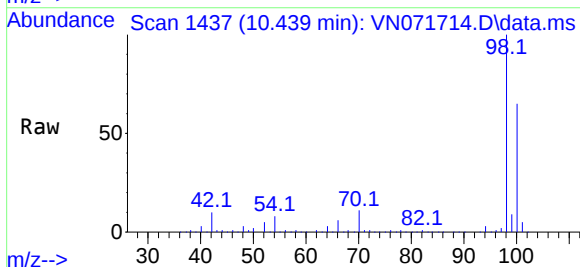
Acq: 31 Mar 2022 19:14

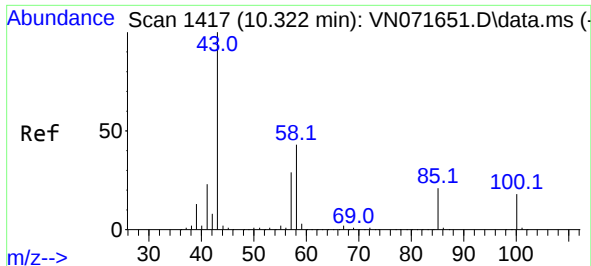
Tgt Ion: 98 Resp: 1013562

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8





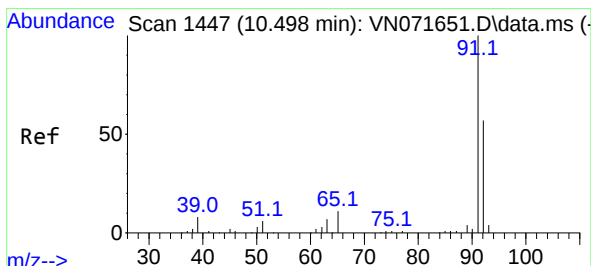
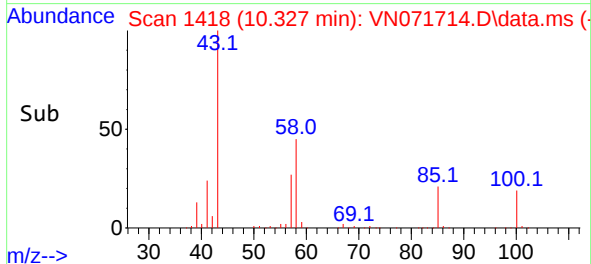
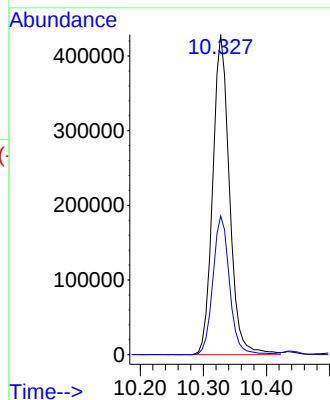
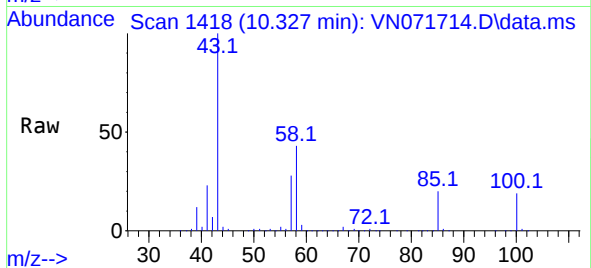
#51
4-Methyl-2-Pentanone
Concen: 109.317 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion: 43 Resp: 789204
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1

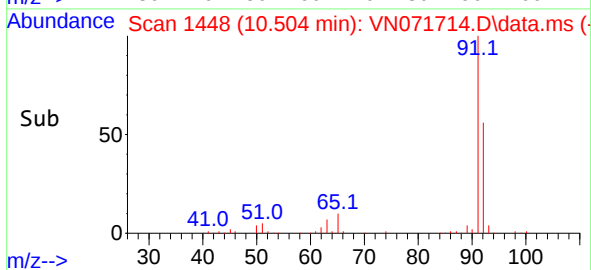
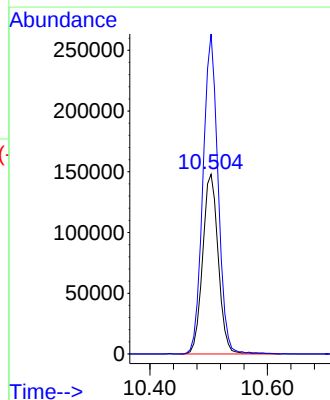
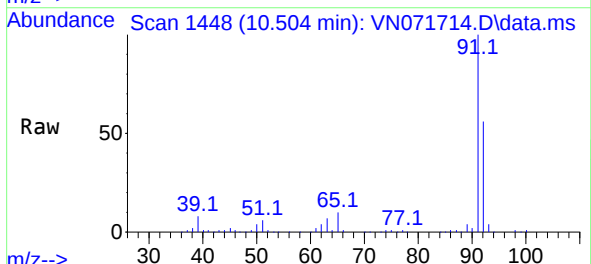
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 19.808 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

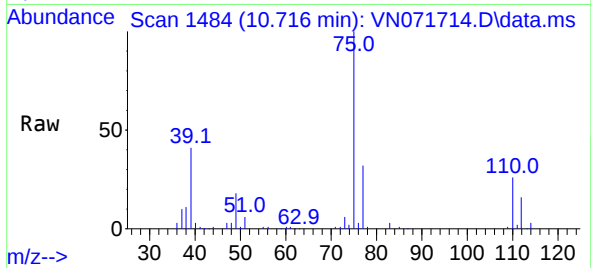
Tgt Ion: 92 Resp: 272809
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.505 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

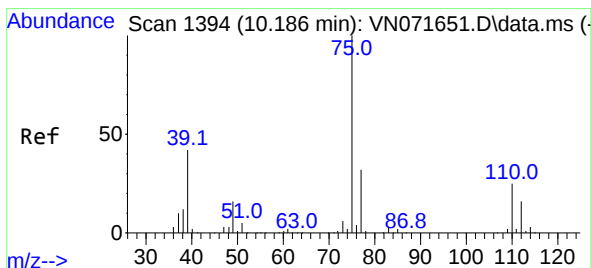
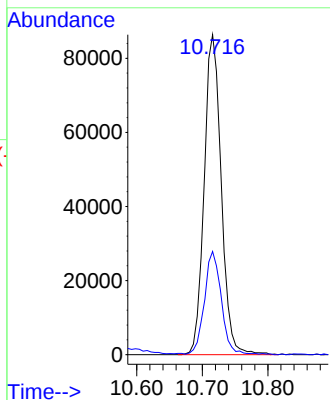
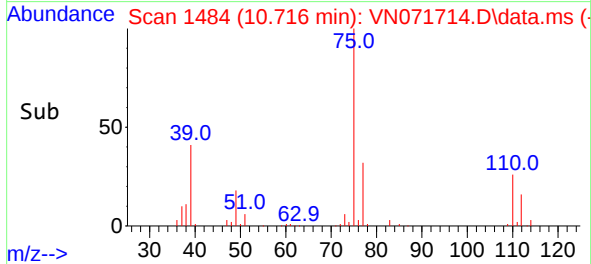
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion: 75 Resp: 15634
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

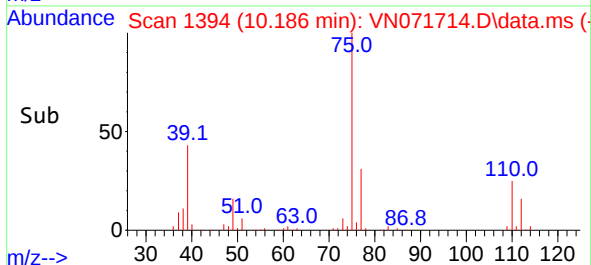
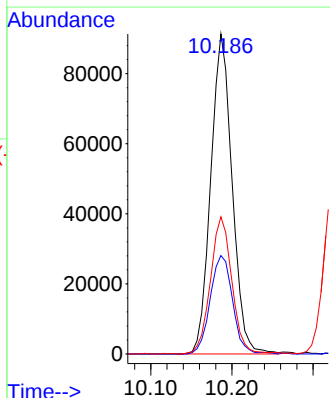
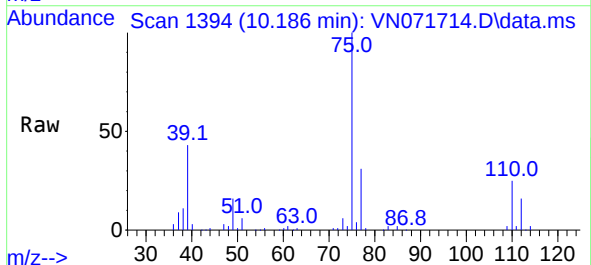
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 19.838 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

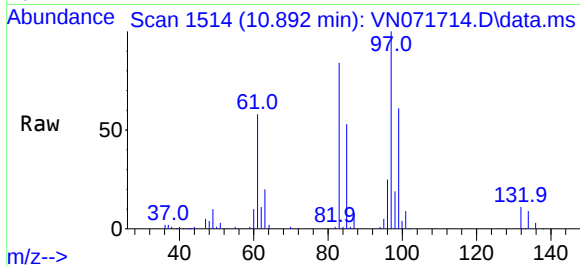
Tgt Ion: 75 Resp: 167123
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 42.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.574 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

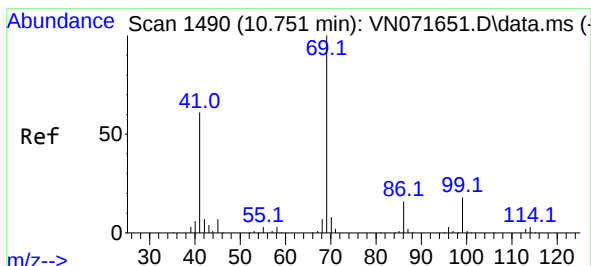
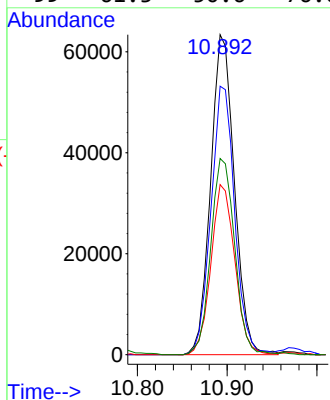
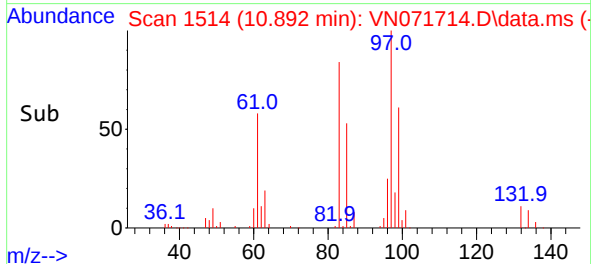
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



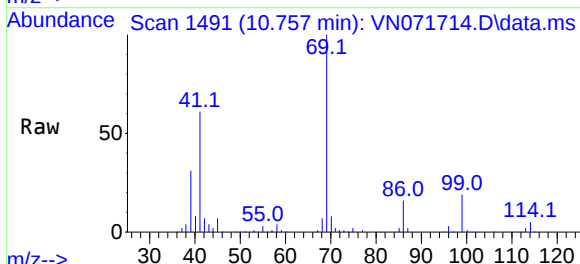
Tgt Ion: 97 Resp: 116619
Ion Ratio Lower Upper
97 100
83 83.9 66.2 99.4
85 53.1 43.9 65.9
99 61.3 50.6 76.0

Manual Integrations
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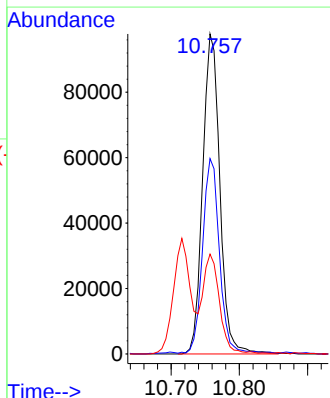
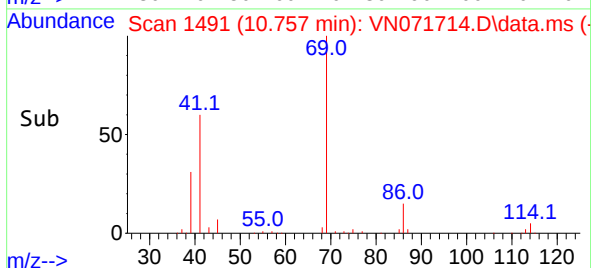
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

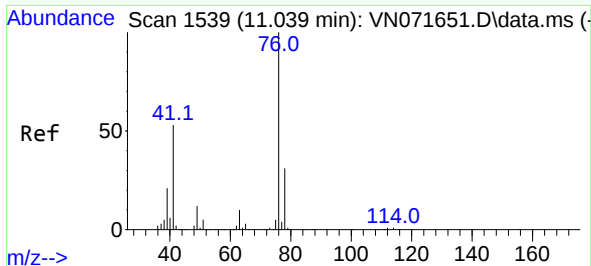


#56
Ethyl methacrylate
Concen: 21.214 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



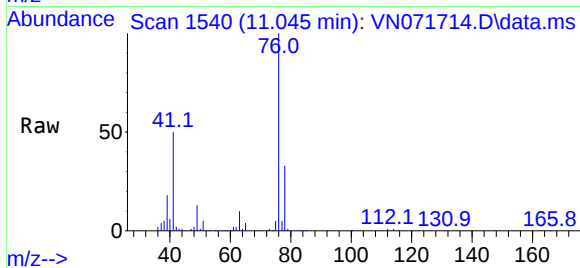
Tgt Ion: 69 Resp: 171542
Ion Ratio Lower Upper
69 100
41 59.5 47.8 71.6
39 29.2 27.3 40.9





#57
1,3-Dichloropropane
Concen: 20.531 ug/l
RT: 11.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

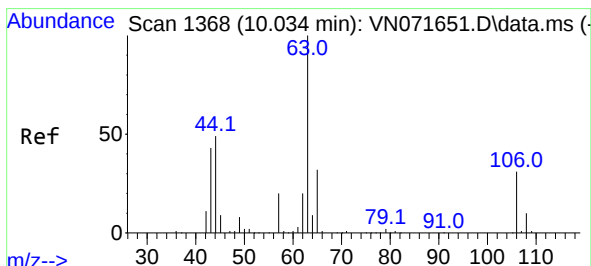
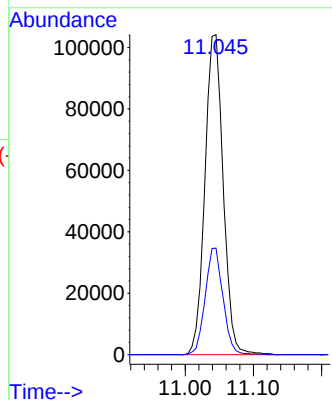
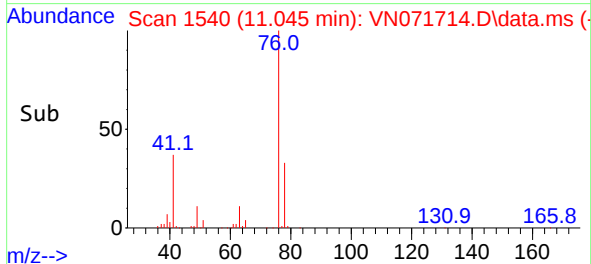
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



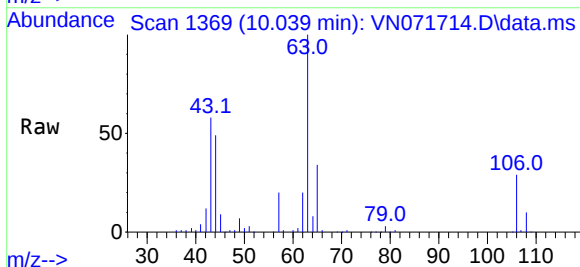
Tgt Ion: 76 Resp: 19457
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
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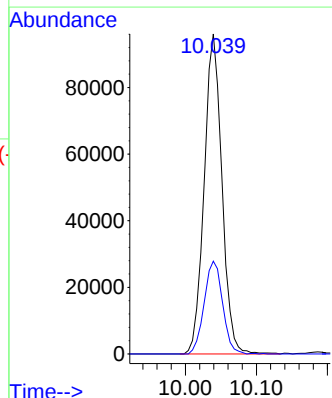
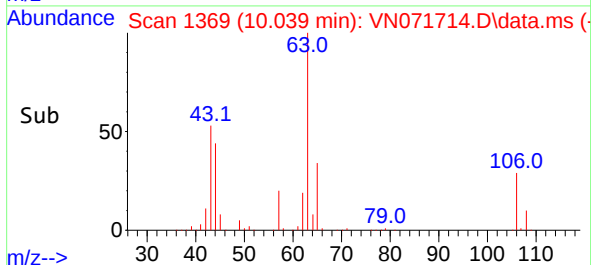
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

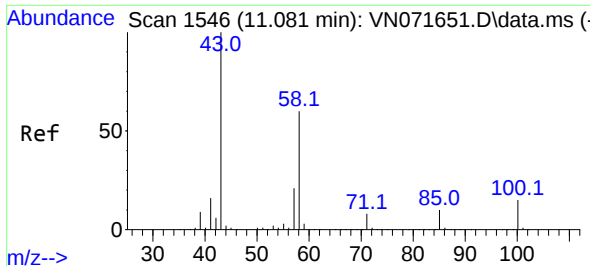


#58
2-Chloroethyl Vinyl ether
Concen: 79.548 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



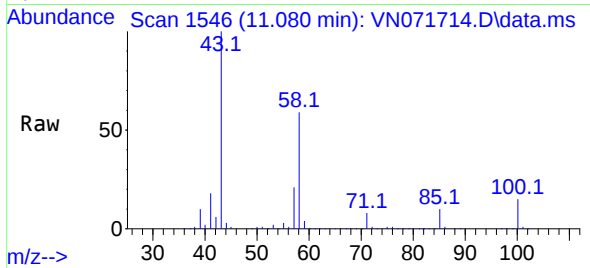
Tgt Ion: 63 Resp: 167137
Ion Ratio Lower Upper
63 100
106 30.1 24.6 36.8





#59
2-Hexanone
Concen: 109.461 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

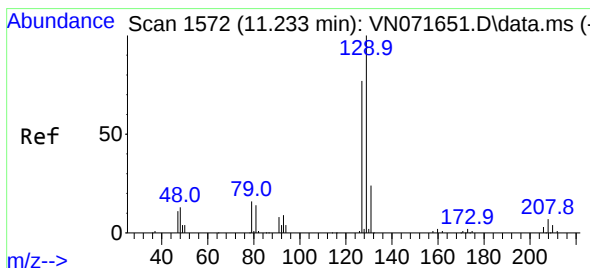
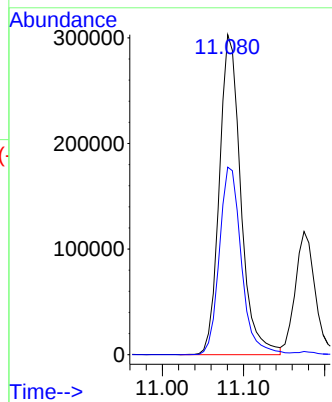
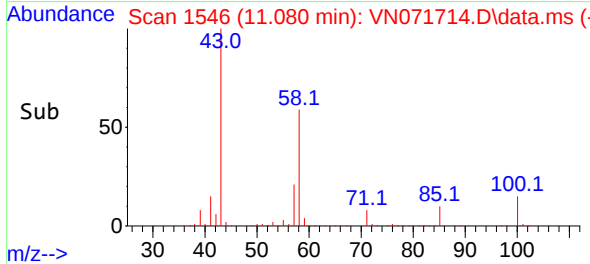
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion: 43 Resp: 556374
Ion Ratio Lower Upper
43 100
58 60.3 29.7 89.1

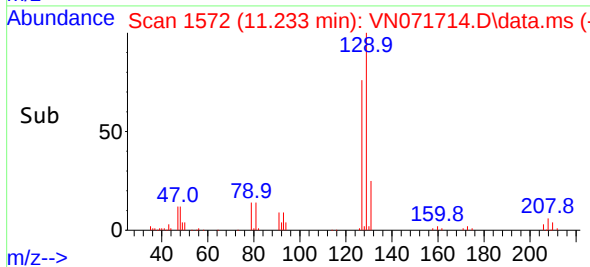
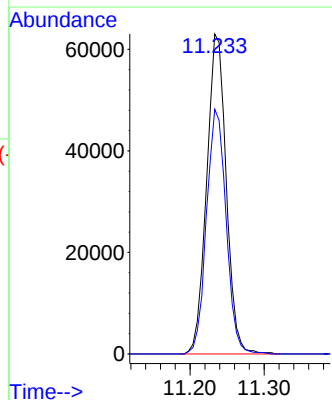
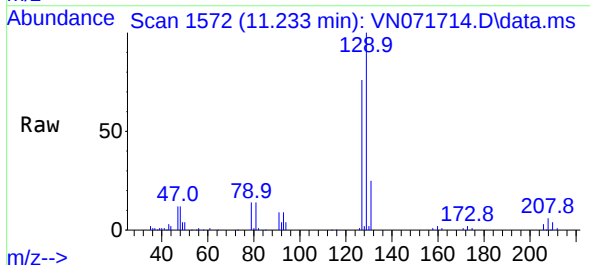
Manual Integrations
APPROVED

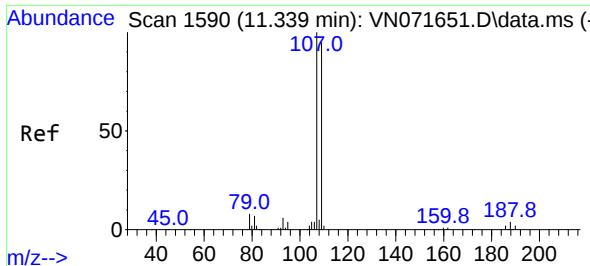
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 20.961 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

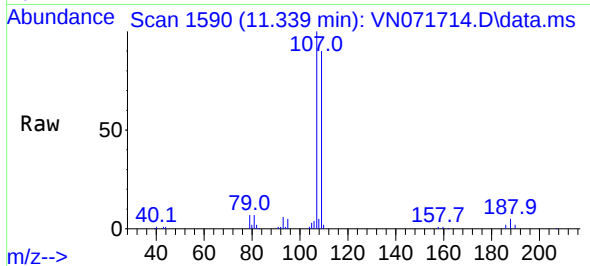
Tgt Ion:129 Resp: 115854
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.028 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

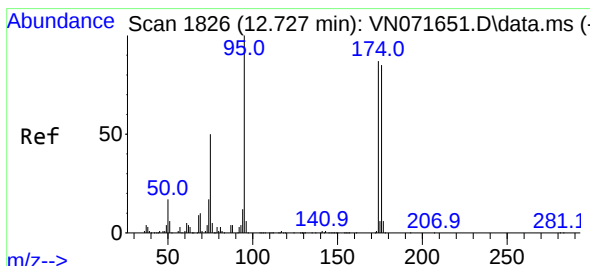
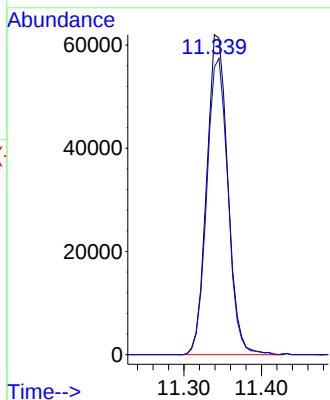
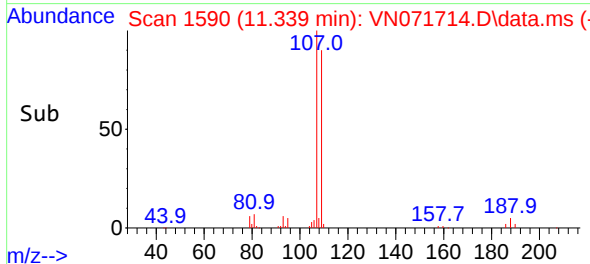
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



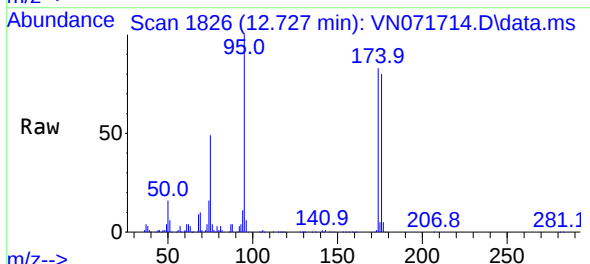
Tgt Ion:107 Resp: 11732
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

Manual Integrations
APPROVED

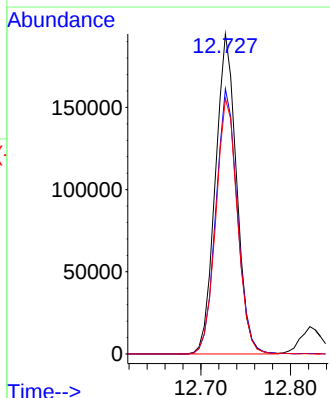
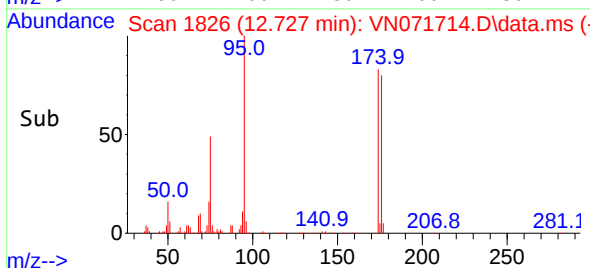
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

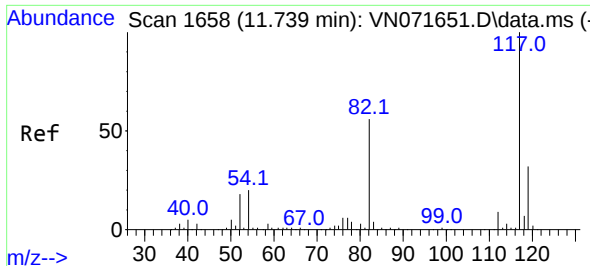


#62
4-Bromofluorobenzene
Concen: 48.768 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



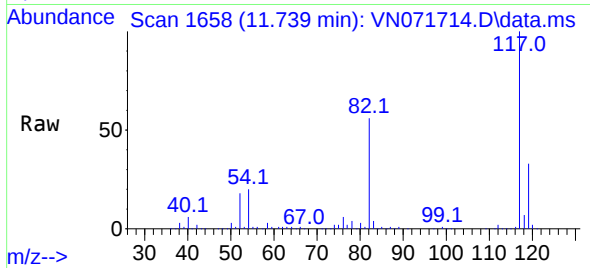
Tgt Ion: 95 Resp: 318677
Ion Ratio Lower Upper
95 100
174 83.8 0.0 167.6
176 81.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

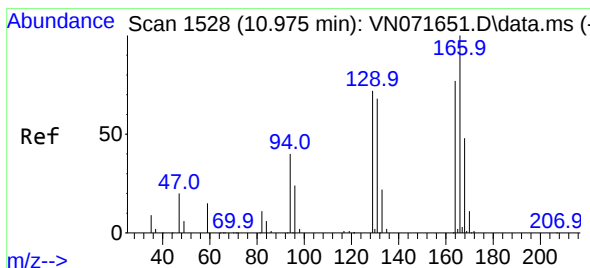
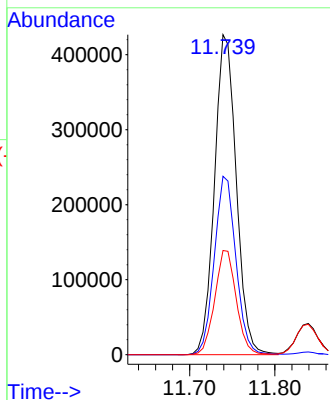
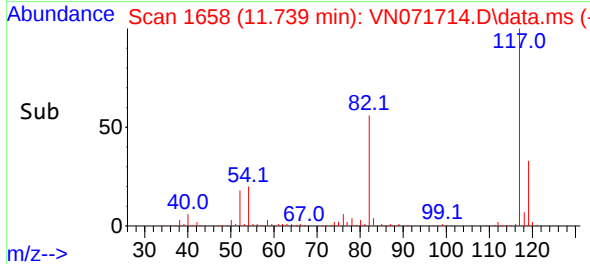
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



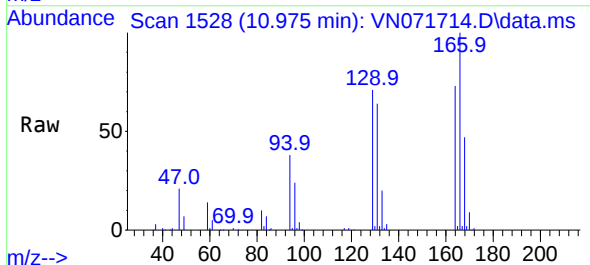
Tgt Ion:117 Resp: 760460
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

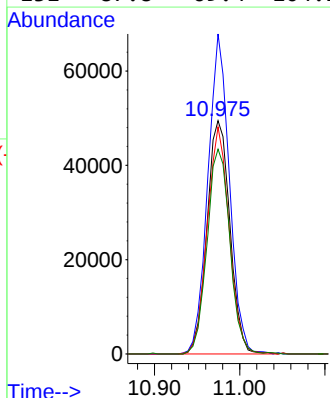
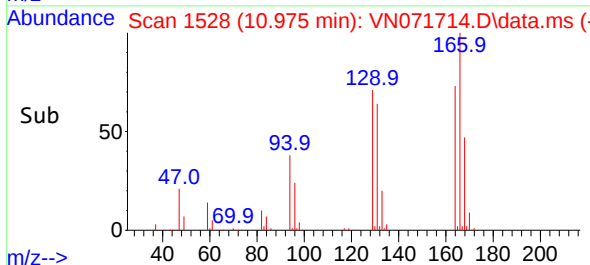
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

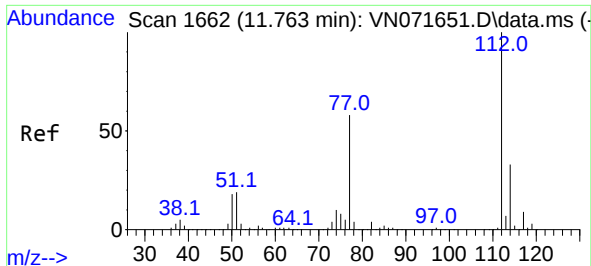


#64
Tetrachloroethene
Concen: 18.395 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



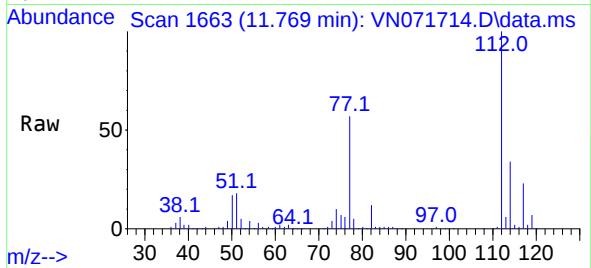
Tgt Ion:164 Resp: 92374
Ion Ratio Lower Upper
164 100
166 137.1 104.2 156.2
129 97.2 73.9 110.9
131 87.8 69.4 104.2





#65
Chlorobenzene
Concen: 19.360 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

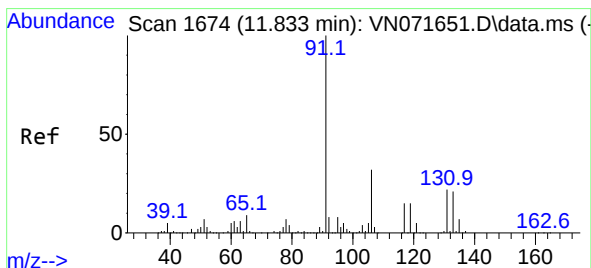
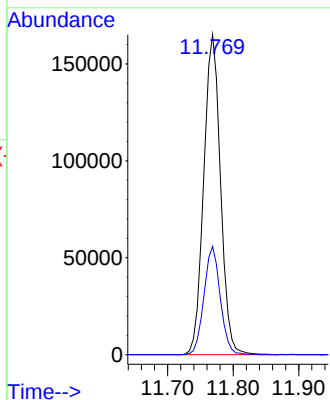
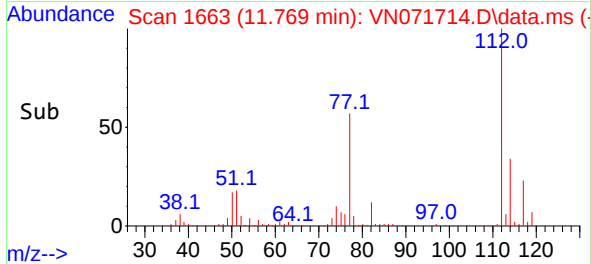
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



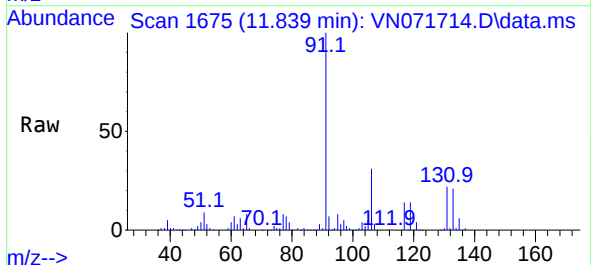
Tgt Ion:112 Resp: 29480
Ion Ratio Lower Upper
112 100
114 33.9 25.4 38.2

Manual Integrations
APPROVED

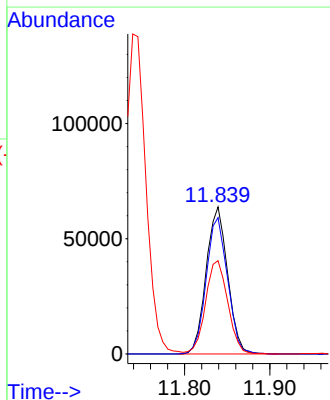
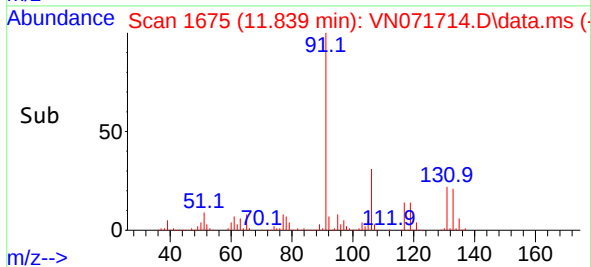
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.272 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



Tgt Ion:131 Resp: 111389
Ion Ratio Lower Upper
131 100
133 92.5 47.8 143.4
119 65.9 33.4 100.2





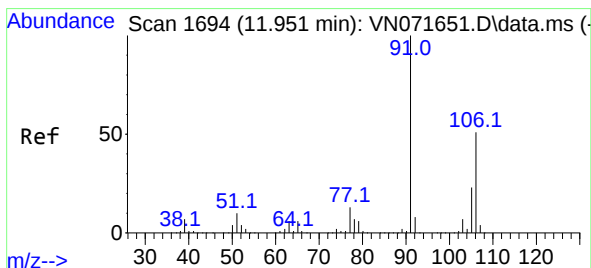
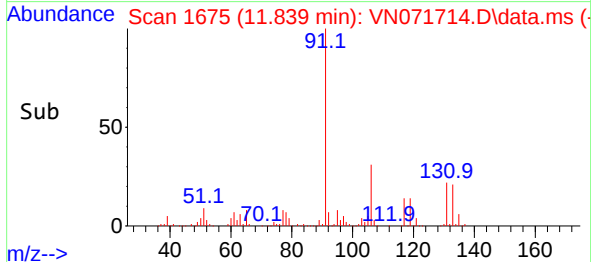
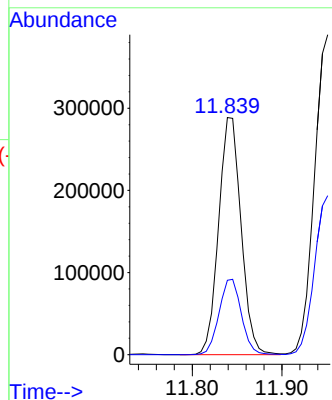
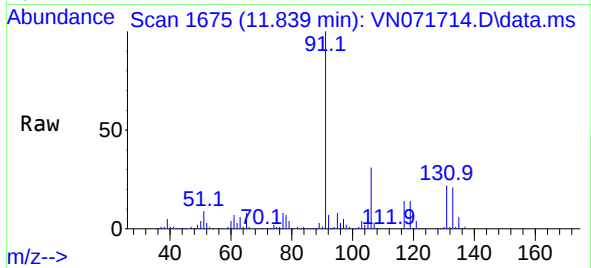
#67
Ethyl Benzene
Concen: 19.475 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion: 91 Resp: 50202
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

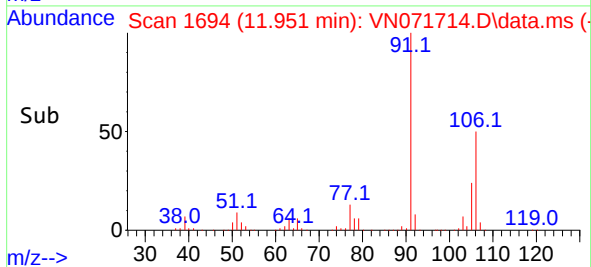
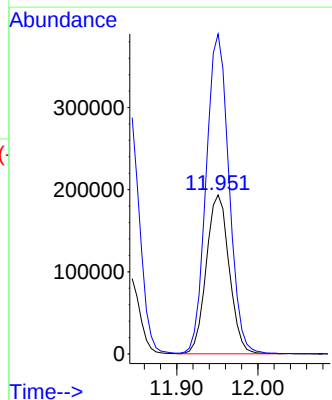
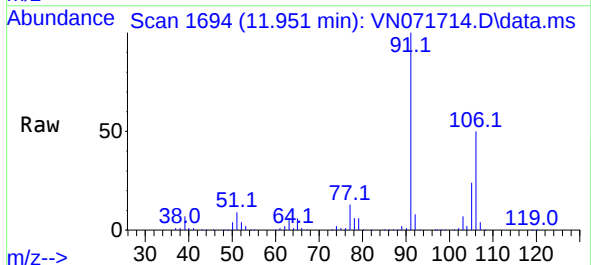
Manual Integrations
APPROVED

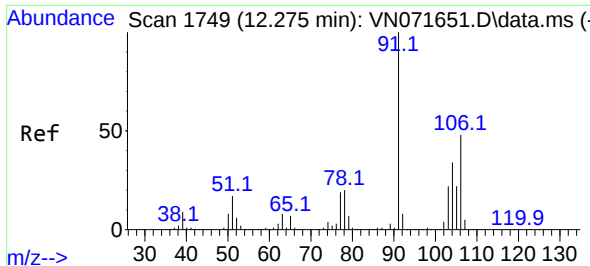
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
m/p-Xylenes
Concen: 38.269 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion:106 Resp: 379035
Ion Ratio Lower Upper
106 100
91 200.7 158.9 238.3





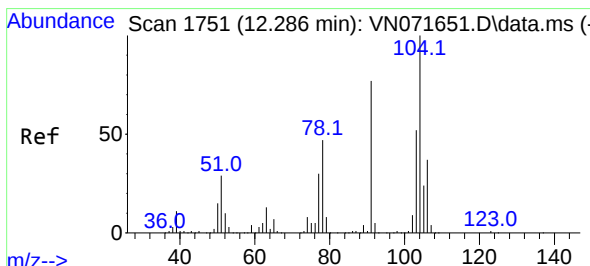
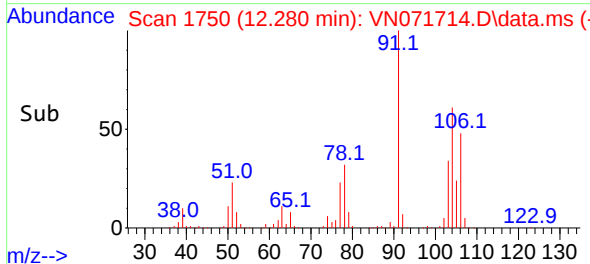
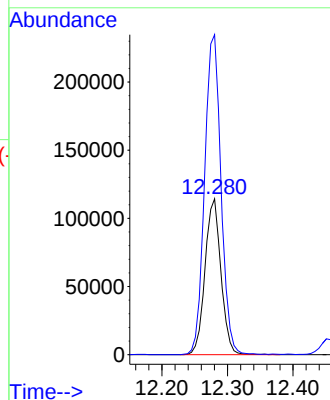
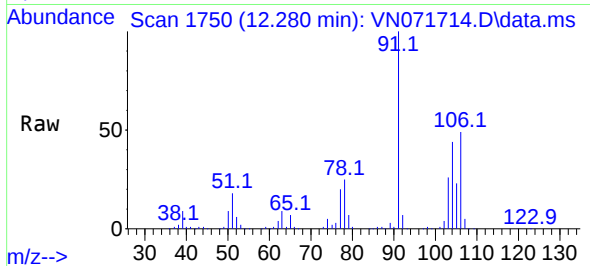
#69
o-Xylene
Concen: 19.626 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion:106 Resp: 19294
Ion Ratio Lower Upper
106 100
91 211.9 106.0 318.0

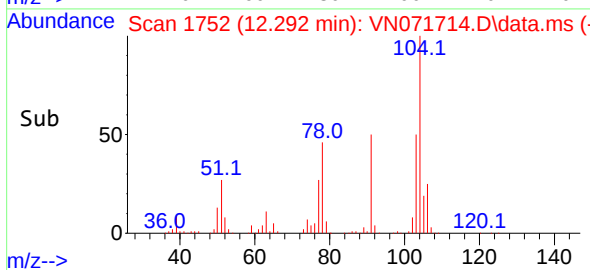
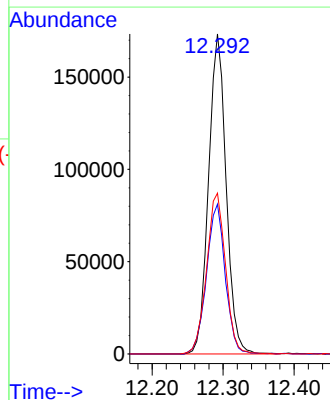
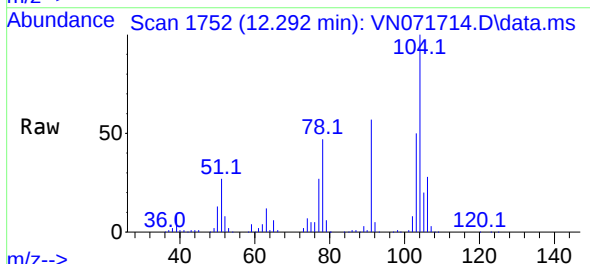
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 20.019 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

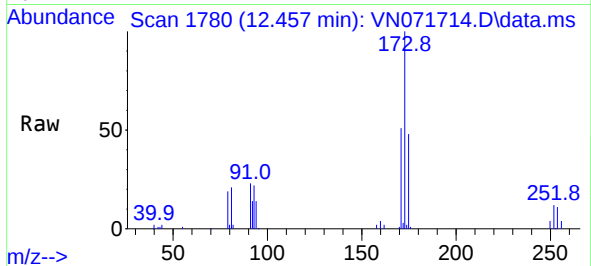
Tgt Ion:104 Resp: 298180
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 54.3 44.0 66.0





#71
Bromoform
Concen: 20.289 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

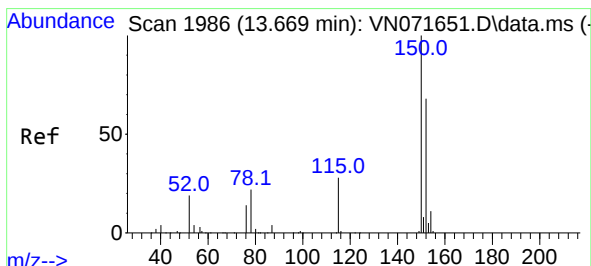
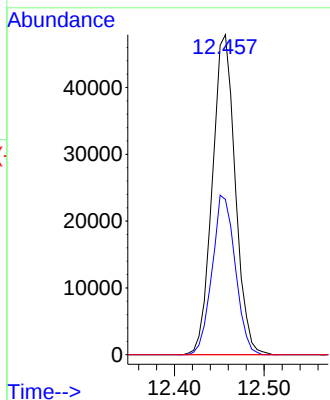
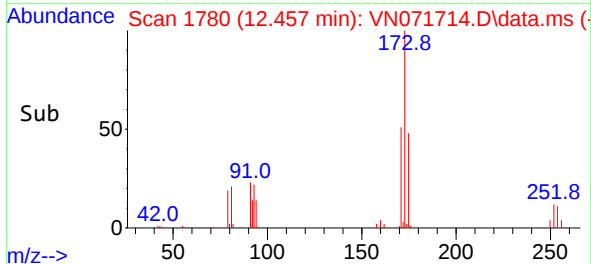
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



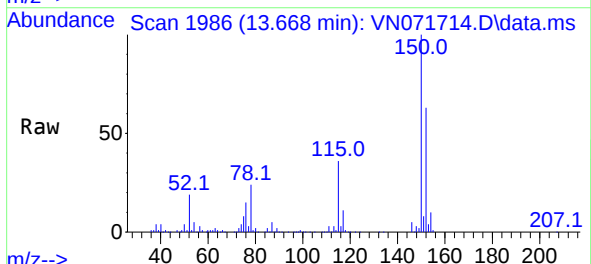
Tgt Ion:173 Resp: 84890
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

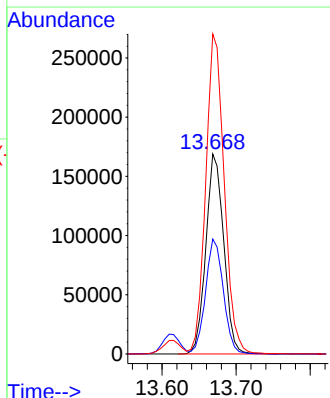
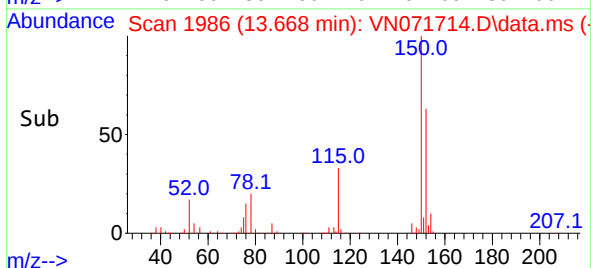
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



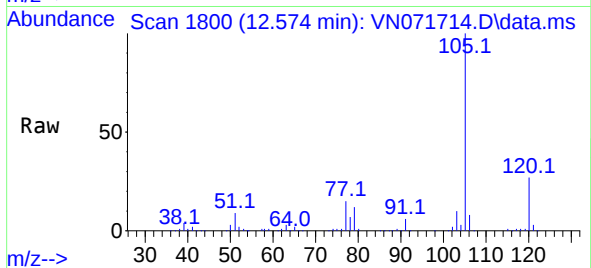
Tgt Ion:152 Resp: 283318
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 165.4 0.0 356.2





#73
Isopropylbenzene
Concen: 20.409 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

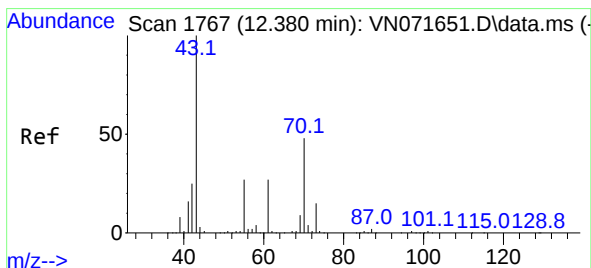
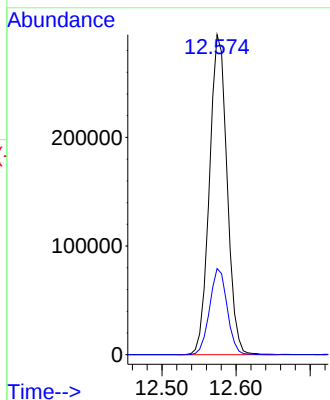
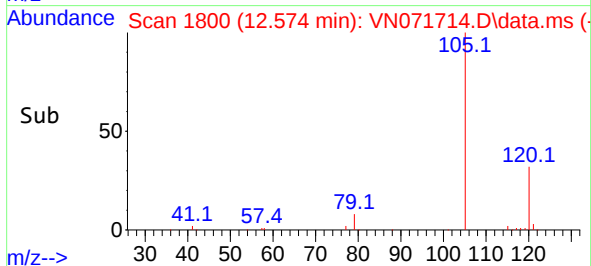
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



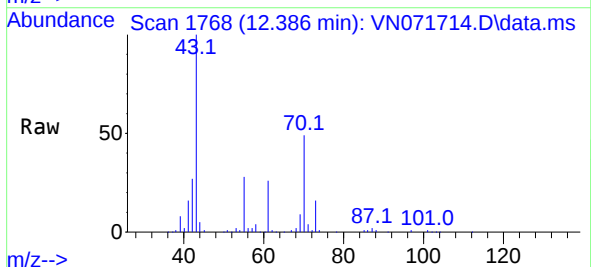
Tgt Ion:105 Resp: 487248
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

Manual Integrations
APPROVED

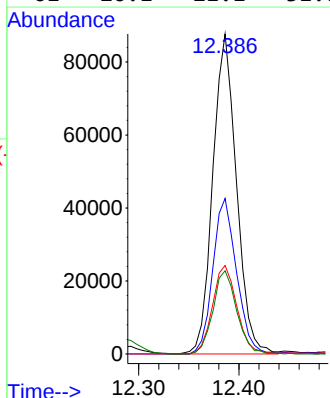
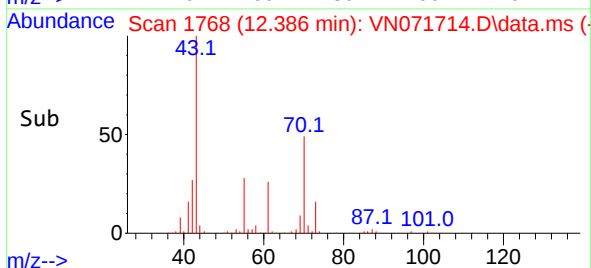
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

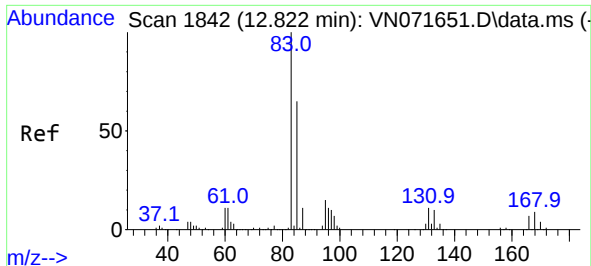


#74
N-ethyl acetate
Concen: 21.007 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



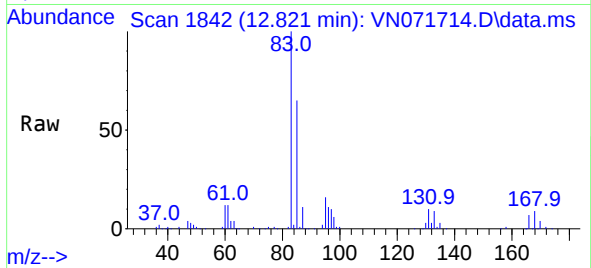
Tgt Ion: 43 Resp: 143701
Ion Ratio Lower Upper
43 100
70 49.0 39.0 58.4
55 28.5 21.1 31.7
61 26.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.913 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

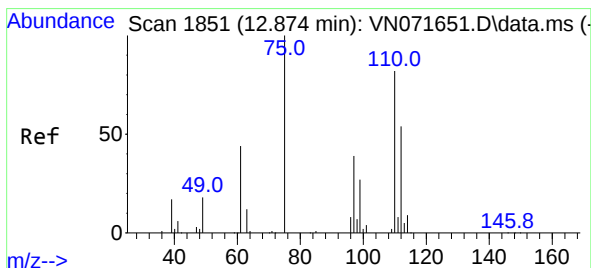
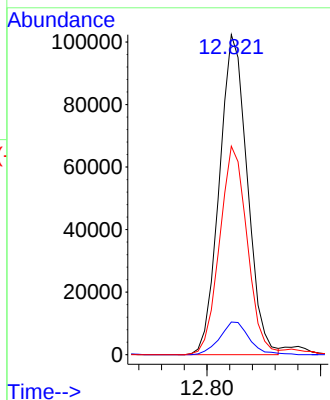
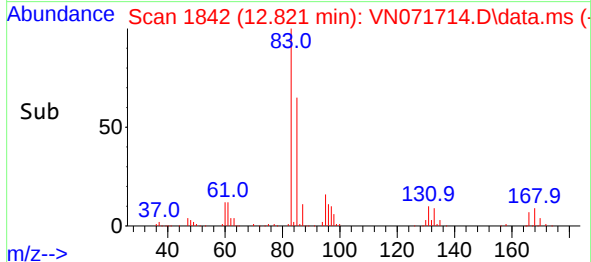
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion: 83 Resp: 174552
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.8 32.3 96.9

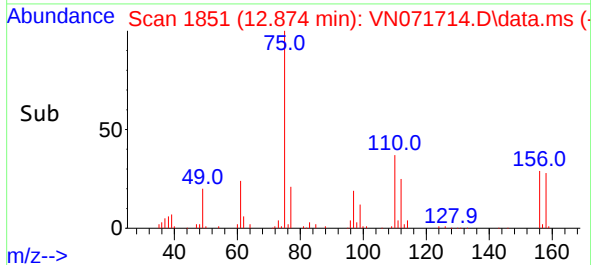
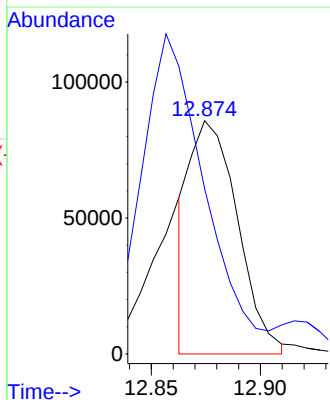
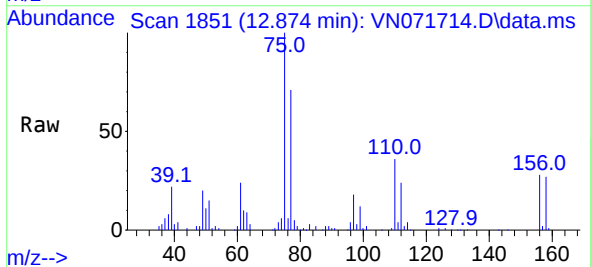
Manual Integrations
APPROVED

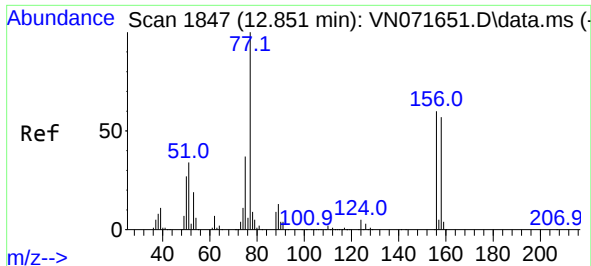
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
1,2,3-Trichloropropane
Concen: 19.963 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

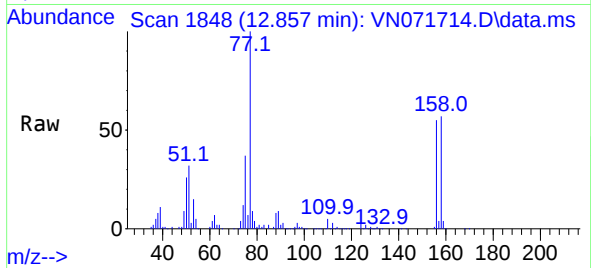
Tgt Ion: 75 Resp: 131020
Ion Ratio Lower Upper
75 100
77 183.5 98.5 295.5





#77
Bromobenzene
Concen: 19.458 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

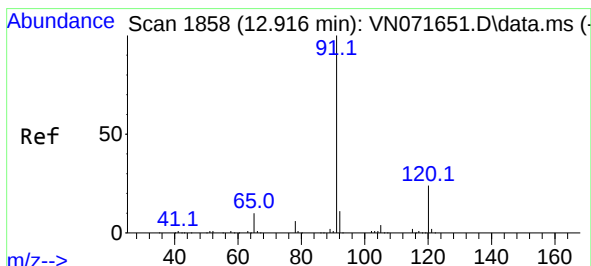
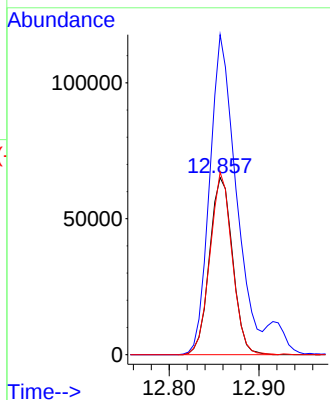
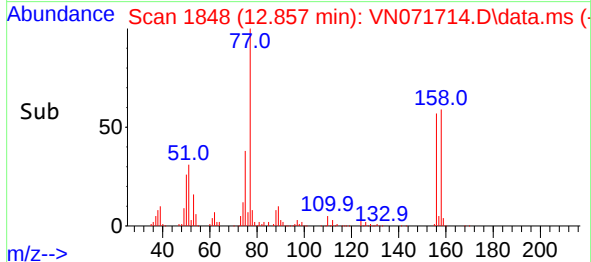
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion:156 Resp: 116454
Ion Ratio Lower Upper
156 100
77 206.4 100.5 301.5
158 99.0 48.9 146.6

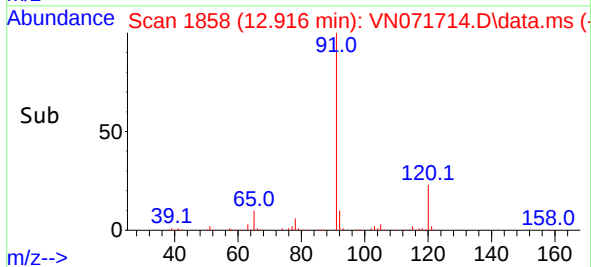
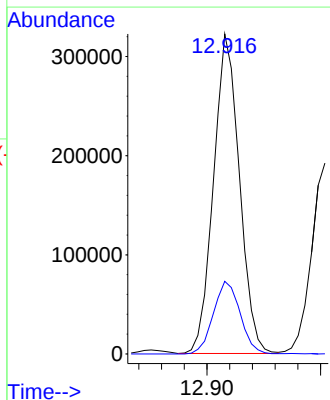
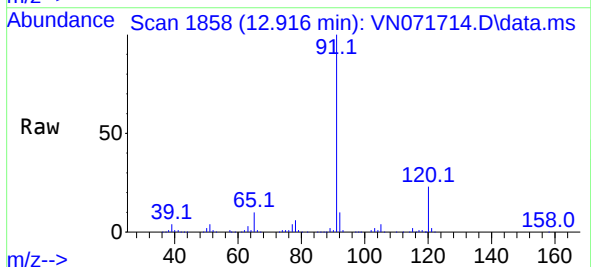
Manual Integrations
APPROVED

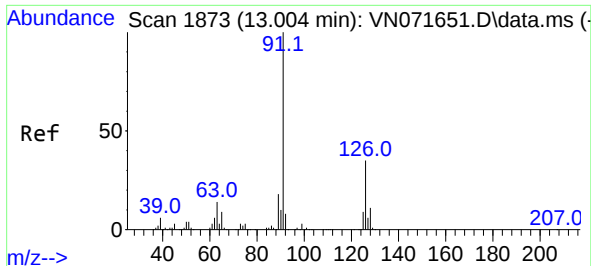
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 20.310 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion: 91 Resp: 510068
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





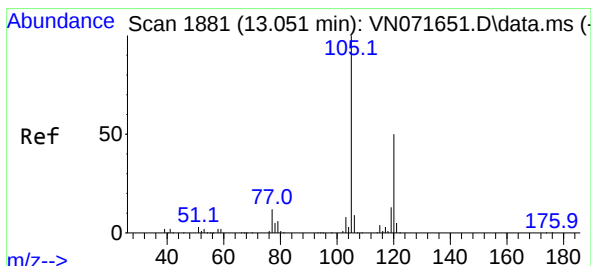
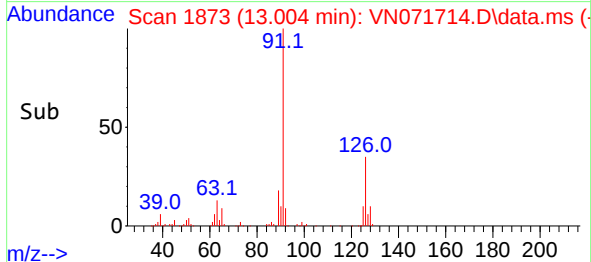
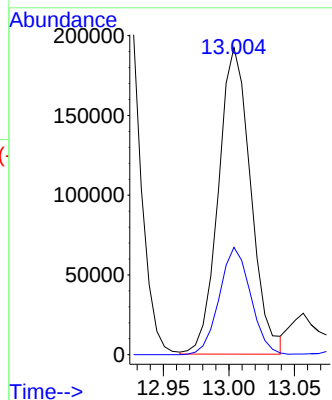
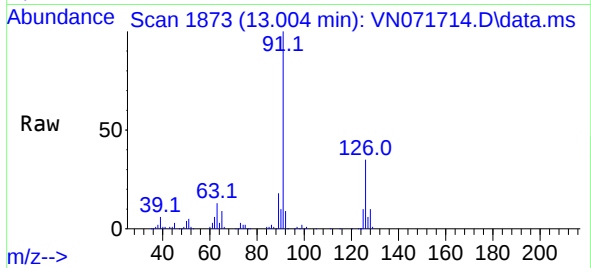
#79
2-Chlorotoluene
Concen: 20.442 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion: 91 Resp: 329229
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

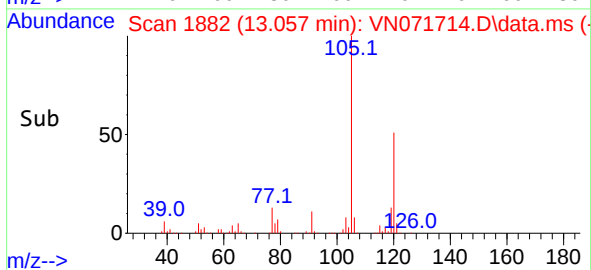
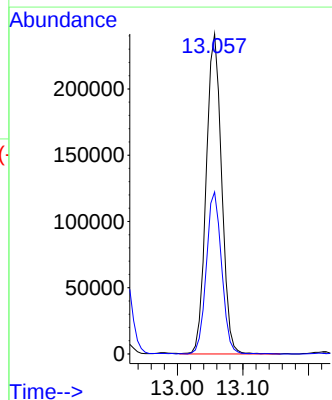
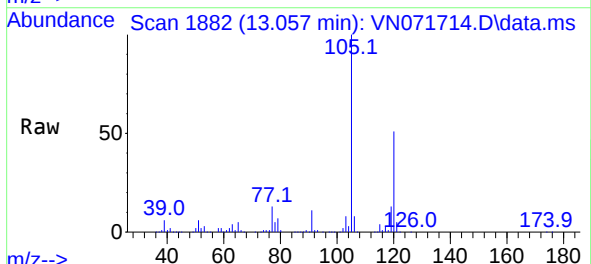
Manual Integrations
APPROVED

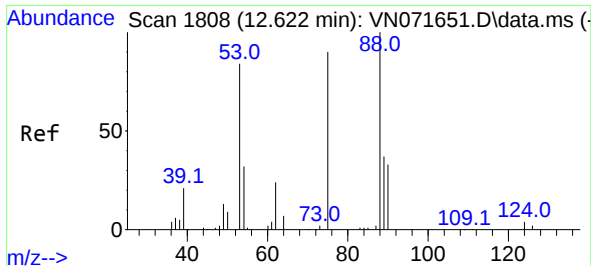
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.893 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

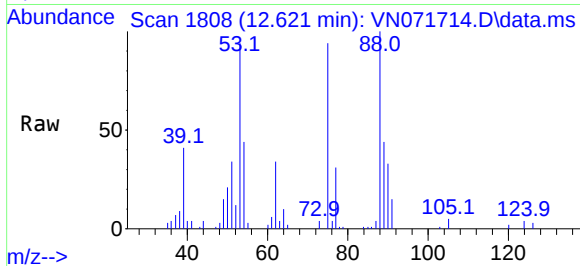
Tgt Ion:105 Resp: 395221
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.527 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

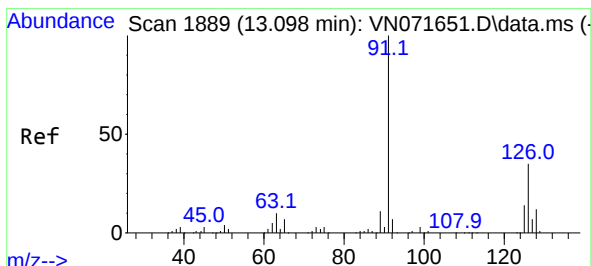
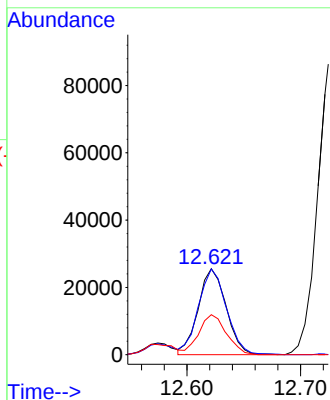
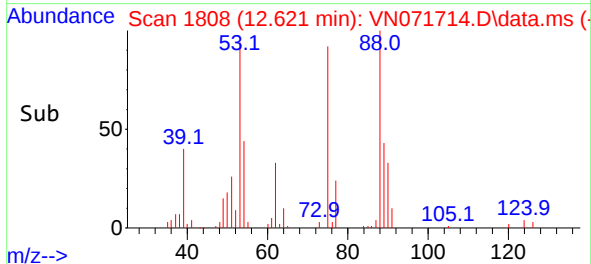
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



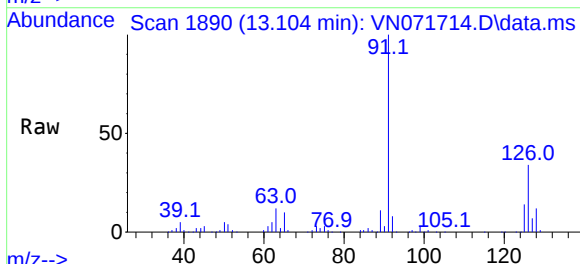
Tgt Ion: 75 Resp: 4347
Ion Ratio Lower Upper
75 100
53 100.8 78.0 117.0
89 45.5 37.2 55.8

Manual Integrations
APPROVED

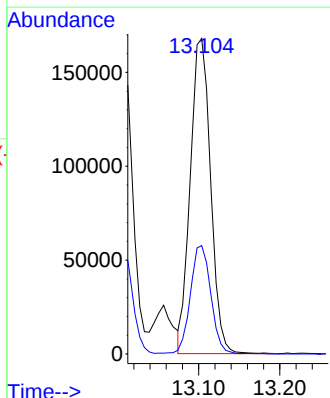
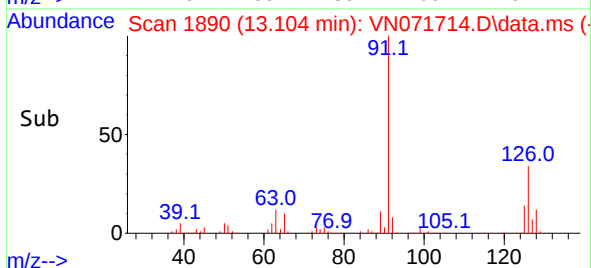
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

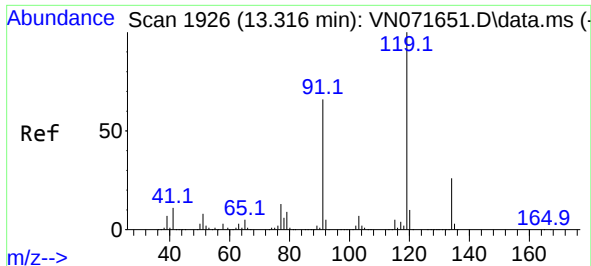


#82
4-Chlorotoluene
Concen: 19.576 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



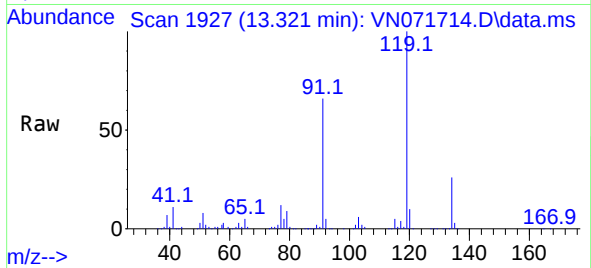
Tgt Ion: 91 Resp: 292252
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.134 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

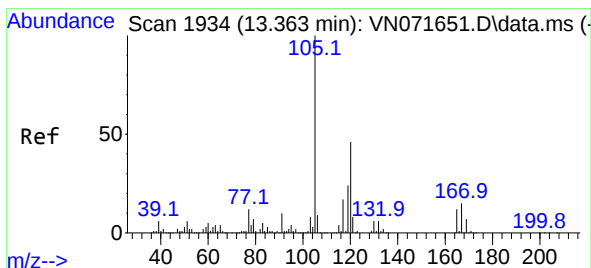
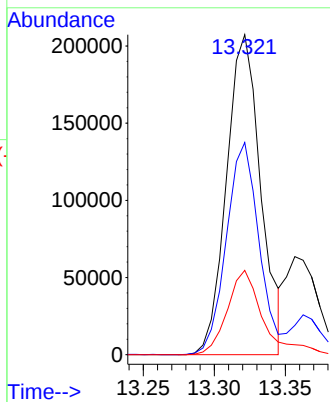
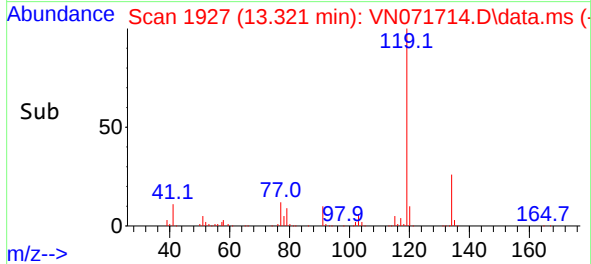
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



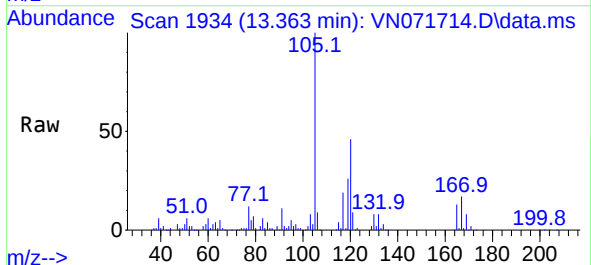
Tgt Ion:119 Resp: 34814
Ion Ratio Lower Upper
119 100
91 64.2 31.6 94.8
134 27.6 13.7 41.1

Manual Integrations
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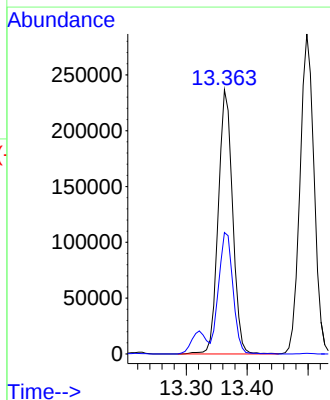
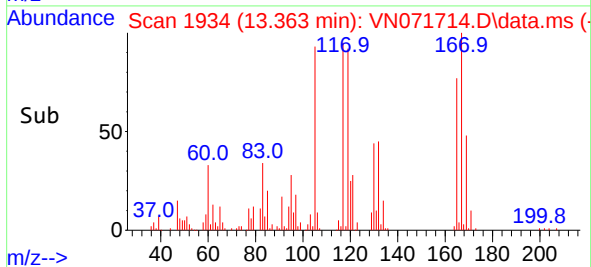
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

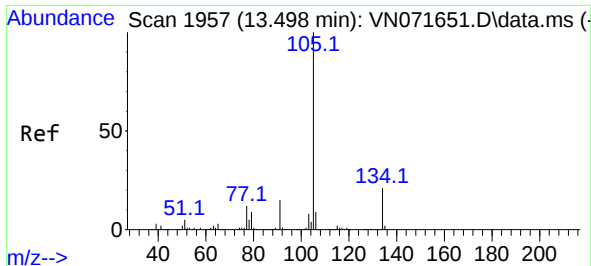


#84
1,2,4-Trimethylbenzene
Concen: 20.939 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



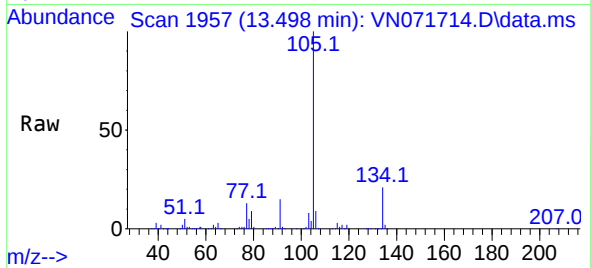
Tgt Ion:105 Resp: 386451
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#85
sec-Butylbenzene
Concen: 20.543 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

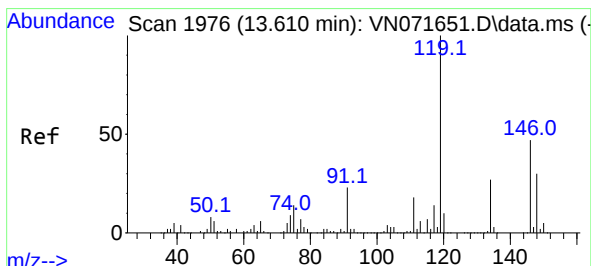
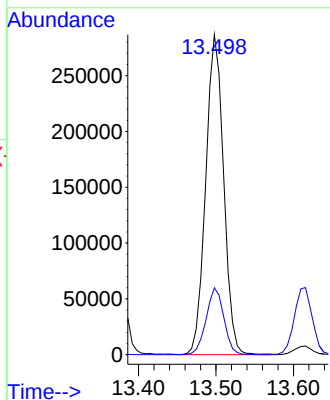
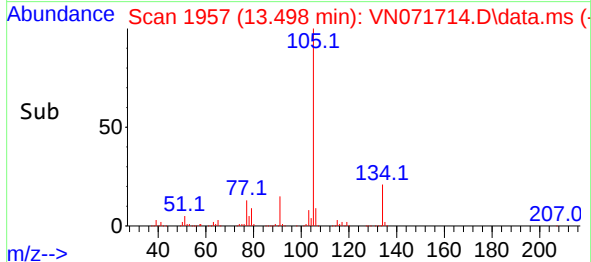
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



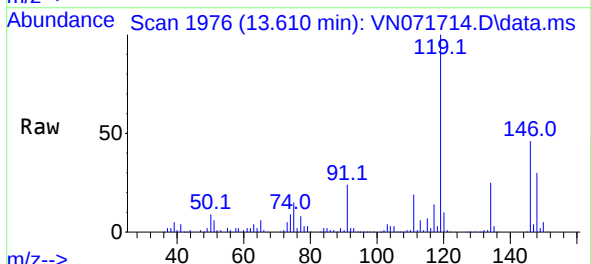
Tgt Ion:105 Resp: 46047
Ion Ratio Lower Upper
105 100
134 20.6 10.4 31.1

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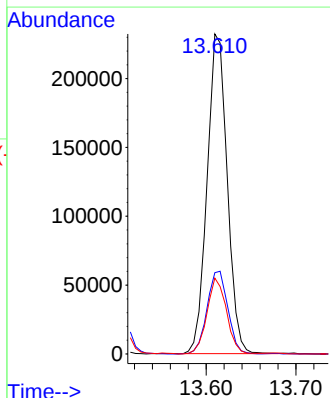
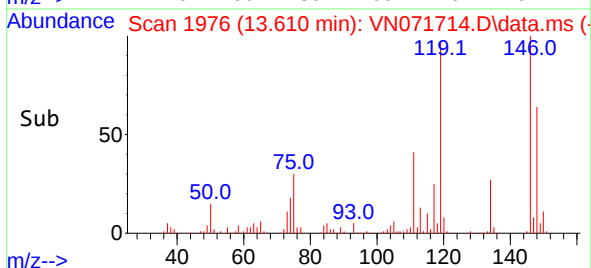
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

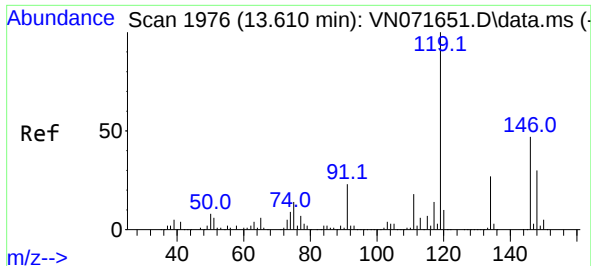


#86
p-Isopropyltoluene
Concen: 20.238 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



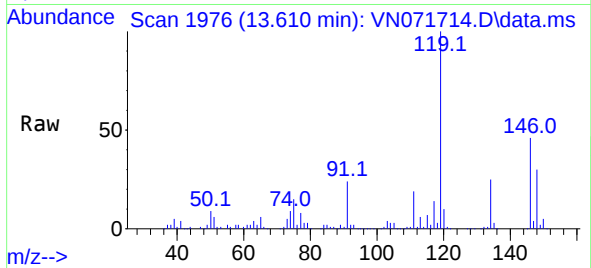
Tgt Ion:119 Resp: 361709
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 23.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.577 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

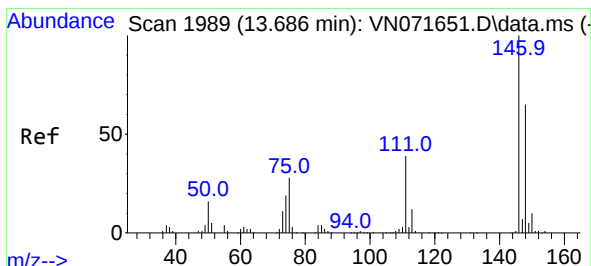
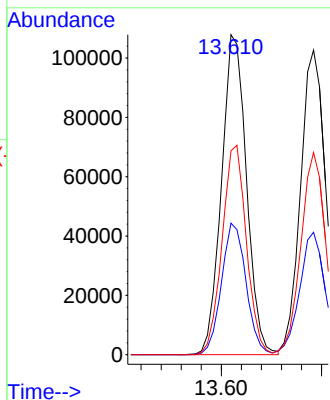
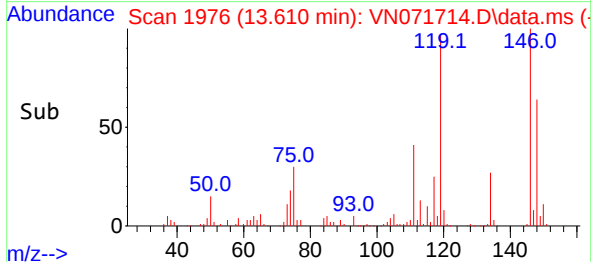
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



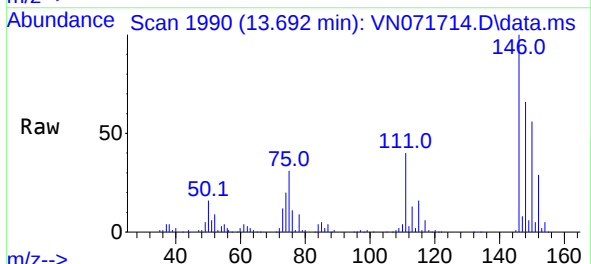
Tgt Ion:146 Resp: 186662
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 63.7 32.0 96.0

Manual Integrations
APPROVED

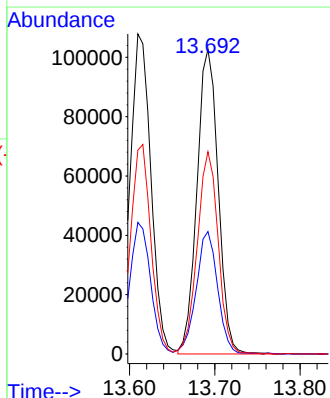
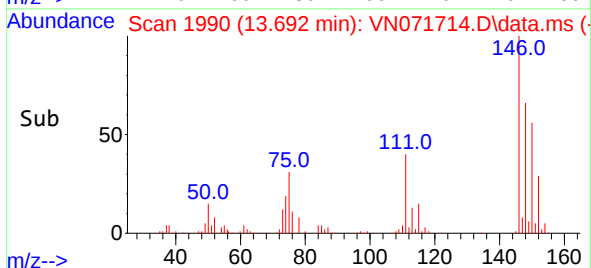
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

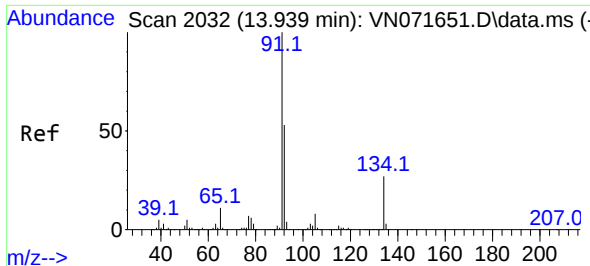


#88
1,4-Dichlorobenzene
Concen: 19.107 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14



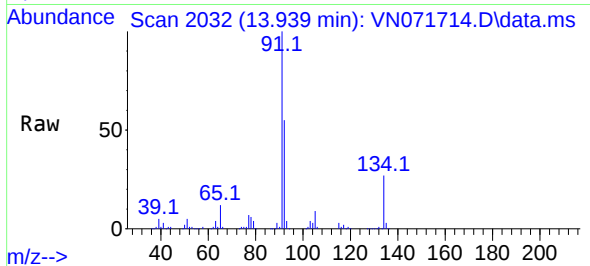
Tgt Ion:146 Resp: 177733
Ion Ratio Lower Upper
146 100
111 40.7 19.1 57.1
148 65.5 31.4 94.3





#89
n-Butylbenzene
Concen: 18.896 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

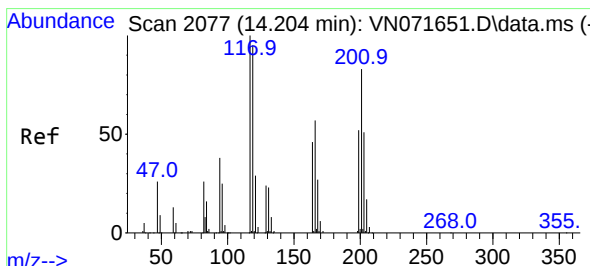
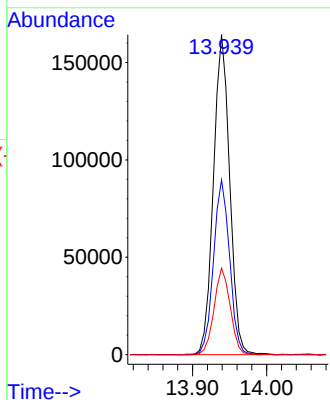
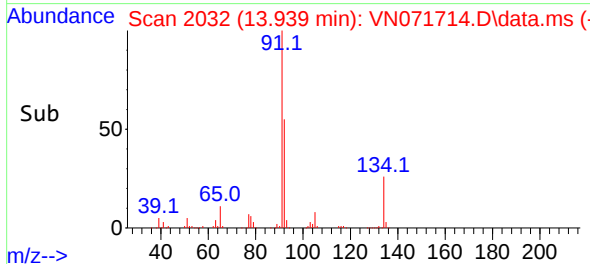
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion: 91 Resp: 250485
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 26.7 13.6 40.8

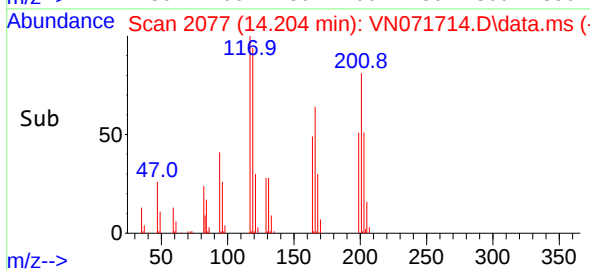
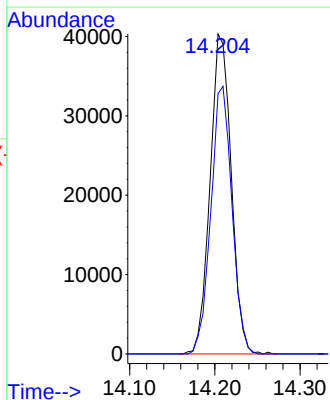
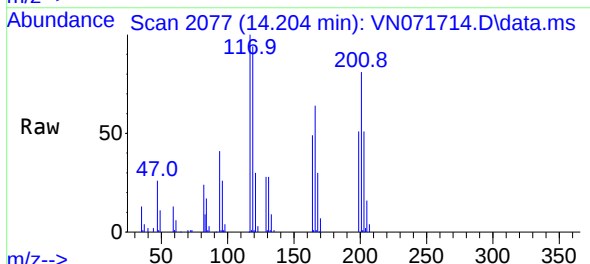
Manual Integrations
APPROVED

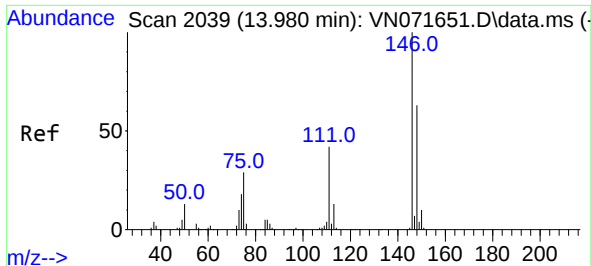
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 21.210 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion:117 Resp: 69390
Ion Ratio Lower Upper
117 100
201 83.7 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.280 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071714.D

Acq: 31 Mar 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD03

Tgt Ion:146 Resp: 18983

Ion Ratio Lower Upper

146 100

111 39.9 20.9 62.8

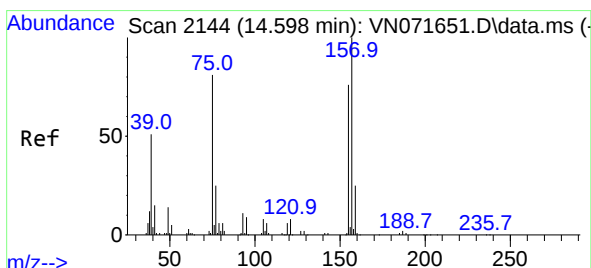
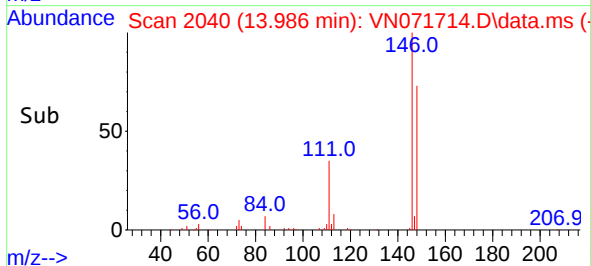
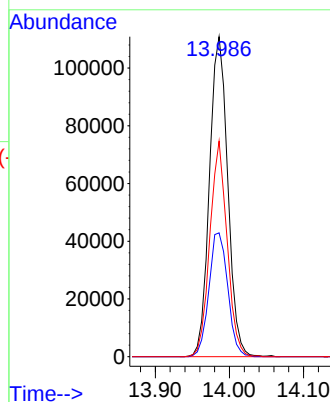
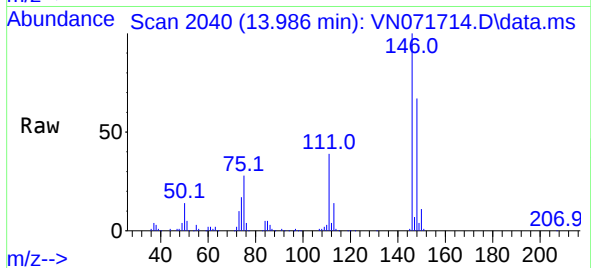
148 63.7 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.328 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071714.D

Acq: 31 Mar 2022 19:14

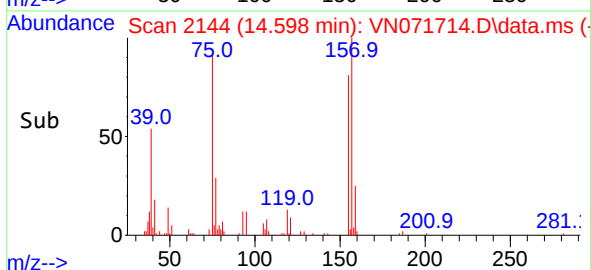
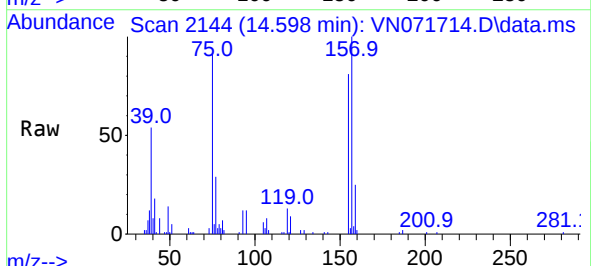
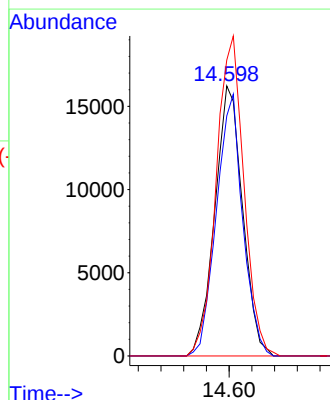
Tgt Ion: 75 Resp: 27588

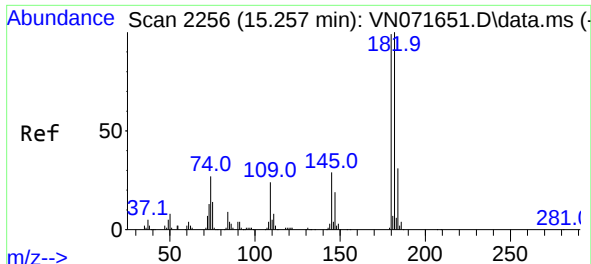
Ion Ratio Lower Upper

75 100

155 91.8 44.9 134.5

157 117.5 59.0 176.8





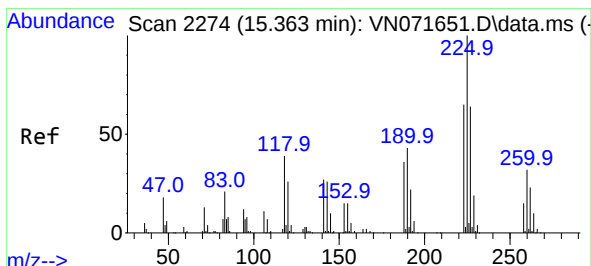
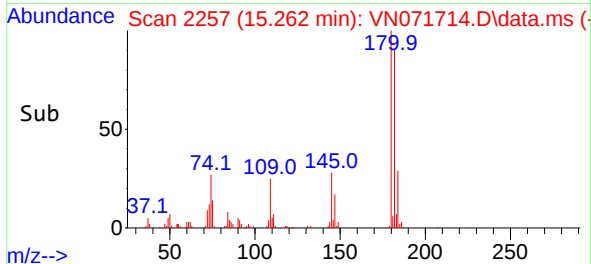
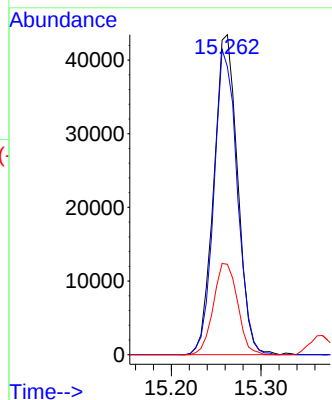
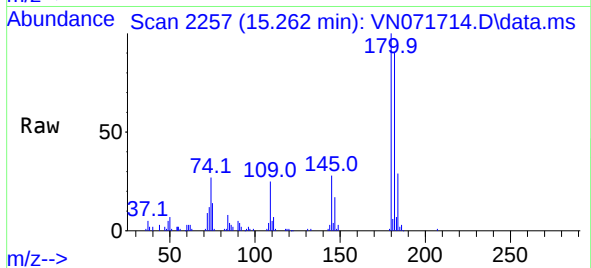
#93
1,2,4-Trichlorobenzene
Concen: 19.092 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03

Tgt Ion:180 Resp: 8001
Ion Ratio Lower Upper
180 100
182 93.5 47.5 142.5
145 28.9 14.5 43.5

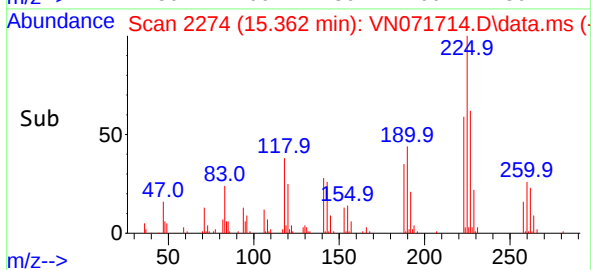
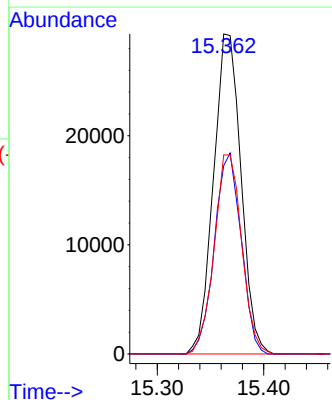
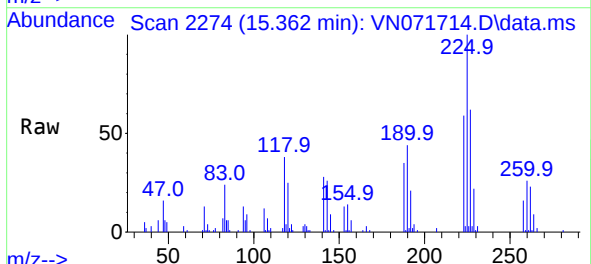
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#94
Hexachlorobutadiene
Concen: 19.030 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

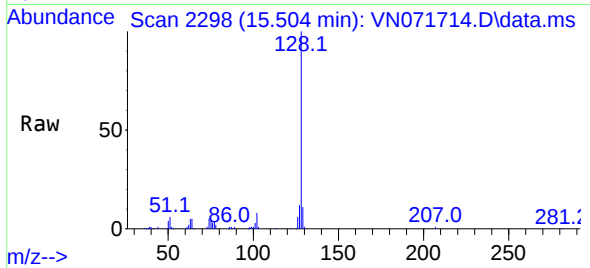
Tgt Ion:225 Resp: 52537
Ion Ratio Lower Upper
225 100
223 61.1 32.4 97.2
227 62.4 31.8 95.4





#95
Naphthalene
Concen: 18.306 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

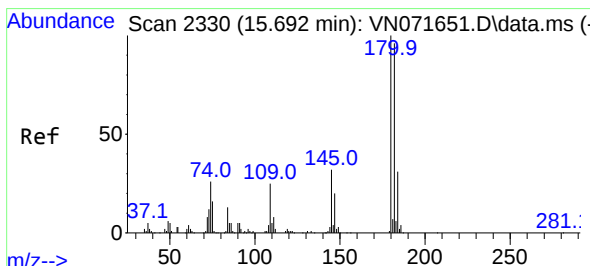
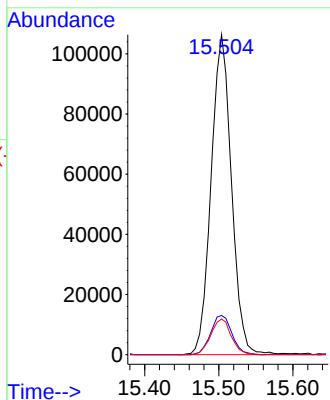
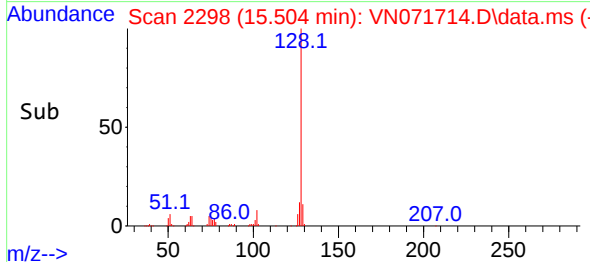
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD03



Tgt Ion:128 Resp: 20251
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.519 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071714.D
Acq: 31 Mar 2022 19:14

Tgt Ion:180 Resp: 78504
Ion Ratio Lower Upper
180 100
182 99.0 47.8 143.3
145 31.5 15.5 46.5

