

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071391.D
 Acq On : 19 Mar 2022 12:29
 Operator : JC\MD
 Sample : VN0319WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 21 05:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	578945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	937155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	855710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	342283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	414007	52.177	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.360%			
35) Dibromofluoromethane	8.016	113	303177	51.266	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.540%			
50) Toluene-d8	10.439	98	1182072	49.645	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.727	95	404923	50.221	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	104658	16.494	ug/l	96
3) Chloromethane	2.299	50	151861	17.805	ug/l	98
4) Vinyl Chloride	2.440	62	132247	17.007	ug/l	98
5) Bromomethane	2.846	94	70962	16.424	ug/l	94
6) Chloroethane	3.010	64	84030	17.844	ug/l	92
7) Trichlorofluoromethane	3.369	101	187210	18.292	ug/l	94
8) Diethyl Ether	3.828	74	85421	19.504	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	112102	18.921	ug/l	95
10) Methyl Iodide	4.416	142	135437	16.184	ug/l	99
11) Tert butyl alcohol	5.363	59	161536	103.633	ug/l	98
12) 1,1-Dichloroethene	4.187	96	103592	17.848	ug/l	96
13) Acrolein	4.034	56	88360	53.557	ug/l	100
14) Allyl chloride	4.840	41	234901	18.608	ug/l	86
15) Acrylonitrile	5.545	53	470579	101.673	ug/l	98
16) Acetone	4.287	43	396469	102.692	ug/l	96
17) Carbon Disulfide	4.528	76	255515	15.463	ug/l	99
18) Methyl Acetate	4.851	43	230665	22.507	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	443841	20.367	ug/l	94
20) Methylene Chloride	5.098	84	135578	19.449	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	114076	17.969	ug/l	95
22) Diisopropyl ether	6.492	45	504405	20.282	ug/l	93
23) Vinyl Acetate	6.428	43	2172667	103.192	ug/l	98
24) 1,1-Dichloroethane	6.386	63	251339	19.125	ug/l	99
25) 2-Butanone	7.328	43	647135	104.054	ug/l	97
26) 2,2-Dichloropropane	7.316	77	200108	19.737	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	142290	18.884	ug/l	89
28) Bromochloromethane	7.651	49	117646	20.103	ug/l	83
29) Tetrahydrofuran	7.681	42	448481	104.091	ug/l	91
30) Chloroform	7.816	83	242968	19.384	ug/l	97
31) Cyclohexane	8.092	56	225748	17.816	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	207233	19.410	ug/l	97
36) 1,1-Dichloropropene	8.222	75	172805	18.238	ug/l	97
37) Ethyl Acetate	7.404	43	256260	19.652	ug/l	99
38) Carbon Tetrachloride	8.204	117	170830	18.640	ug/l	99
39) Methylcyclohexane	9.457	83	200386	17.977	ug/l	94
40) Benzene	8.457	78	543604	19.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	133248	20.880	ug/l	87
42) 1,2-Dichloroethane	8.527	62	210126	21.152	ug/l	99
43) Isopropyl Acetate	8.557	43	391250	20.064	ug/l	96
44) Trichloroethene	9.216	130	127650	18.951	ug/l	97
45) 1,2-Dichloropropane	9.486	63	153330	20.008	ug/l	99
46) Dibromomethane	9.574	93	95852	20.321	ug/l	97
47) Bromodichloromethane	9.757	83	193867	20.338	ug/l	98
48) Methyl methacrylate	9.557	41	173759	19.228	ug/l #	89
49) 1,4-Dioxane	9.563	88	71723	456.602	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1294421	106.959	ug/l	100
52) Toluene	10.504	92	335336	19.076	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	206275	19.631	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	225151	19.610	ug/l	100
55) 1,1,2-Trichloroethane	10.892	97	140650	19.967	ug/l	96
56) Ethyl methacrylate	10.757	69	233110	20.264	ug/l	90
57) 1,3-Dichloropropane	11.039	76	251078	19.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	235163	114.321	ug/l	94
59) 2-Hexanone	11.080	43	950494	115.109	ug/l	99
60) Dibromochloromethane	11.233	129	144381	20.629	ug/l	99
61) 1,2-Dibromoethane	11.345	107	142060	19.732	ug/l	99
64) Tetrachloroethene	10.974	164	107878	18.076	ug/l	96
65) Chlorobenzene	11.768	112	354740	19.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	132109	19.606	ug/l	99
67) Ethyl Benzene	11.839	91	623119	19.177	ug/l	98
68) m/p-Xylenes	11.951	106	471491	39.665	ug/l	97
69) o-Xylene	12.274	106	235561	19.770	ug/l	95
70) Styrene	12.292	104	369741	20.047	ug/l	97
71) Bromoform	12.457	173	110158	21.527	ug/l #	100
73) Isopropylbenzene	12.574	105	602554	18.262	ug/l	99
74) N-amyl acetate	12.386	43	263304	21.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	229418	21.961	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	182482m	20.322	ug/l	
77) Bromobenzene	12.857	156	141851	18.436	ug/l	77
78) n-propylbenzene	12.915	91	660123	18.644	ug/l	97
79) 2-Chlorotoluene	13.004	91	425802	18.734	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	483396	18.831	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65107	20.562	ug/l	94
82) 4-Chlorotoluene	13.104	91	383837	18.960	ug/l	95
83) tert-Butylbenzene	13.321	119	431581	18.839	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	474655	19.304	ug/l	99
85) sec-Butylbenzene	13.498	105	578540	19.000	ug/l	99
86) p-Isopropyltoluene	13.610	119	461380	19.267	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	231085	18.484	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	223009	18.249	ug/l	96
89) n-Butylbenzene	13.939	91	338314	18.063	ug/l	96
90) Hexachloroethane	14.209	117	90109	18.922	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	231629	19.272	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40240	20.960	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	101258	19.961	ug/l	98
94) Hexachlorobutadiene	15.368	225	63689	18.876	ug/l	98
95) Naphthalene	15.504	128	287960	21.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	101881	20.655	ug/l	98

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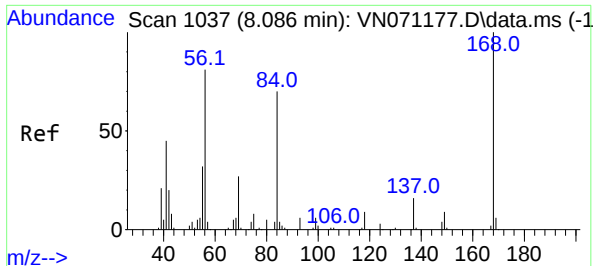
Manual Integrations
APPROVED

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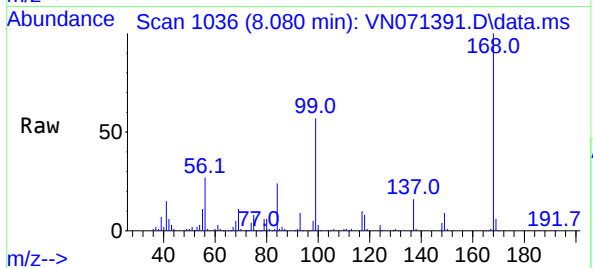
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071391.D
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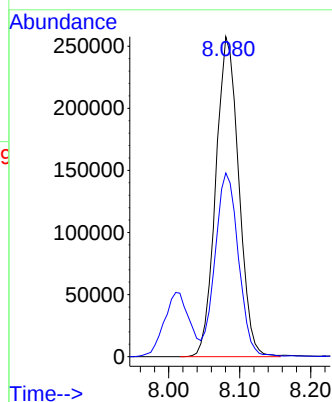
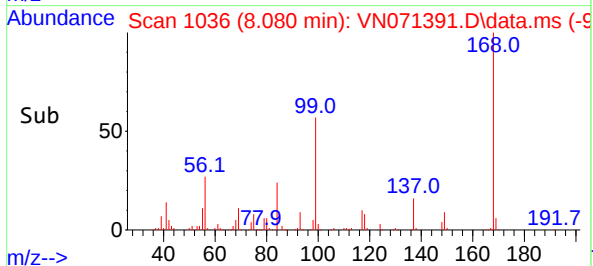
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



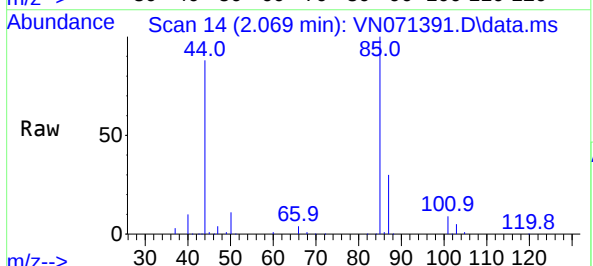
Tgt Ion:168 Resp: 57894
Ion Ratio Lower Upper
168 100
99 57.1 41.3 61.9

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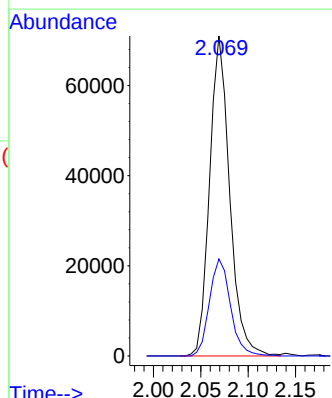
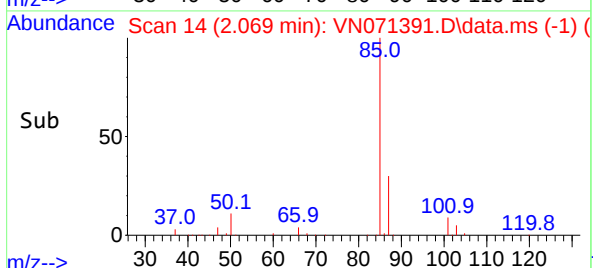
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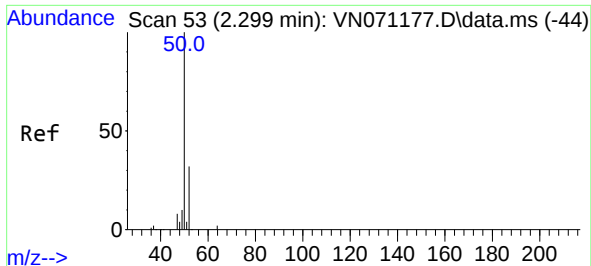


#2
Dichlorodifluoromethane
Concen: 16.494 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



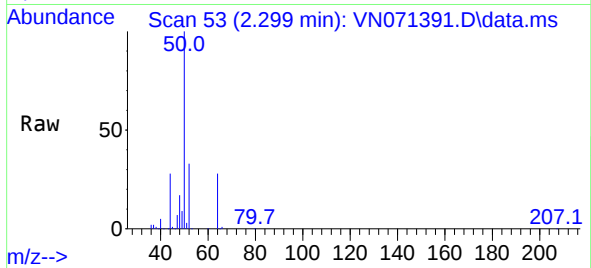
Tgt Ion: 85 Resp: 104658
Ion Ratio Lower Upper
85 100
87 30.3 16.3 48.9





#3
Chloromethane
Concen: 17.805 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

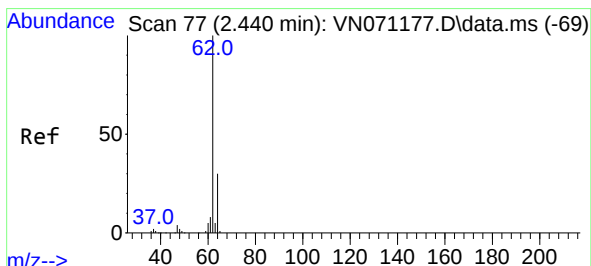
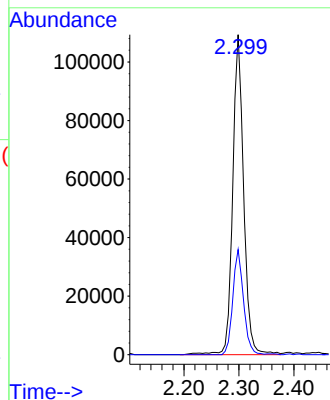
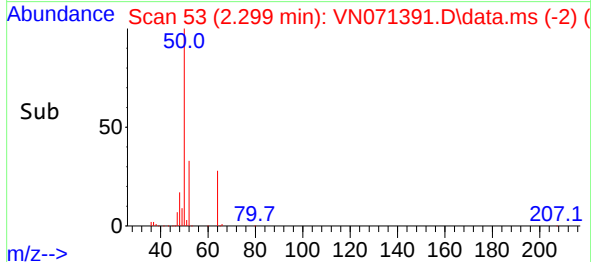
Instrument :
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Tgt Ion: 50 Resp: 15186
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

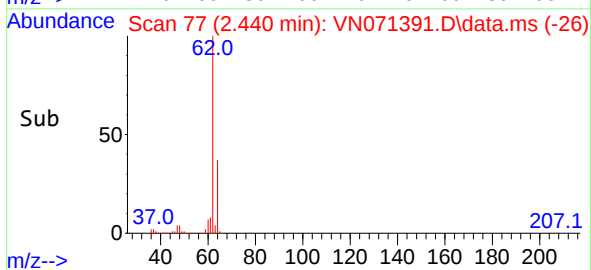
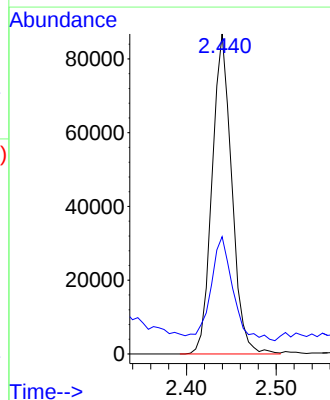
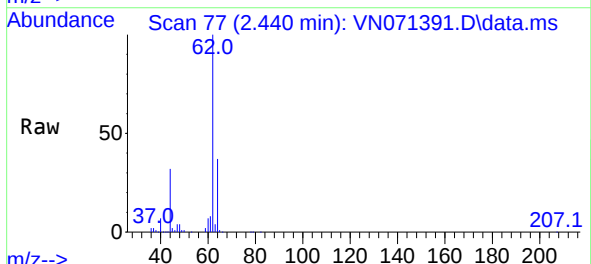
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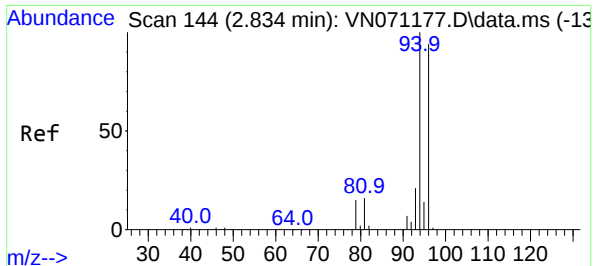
Reviewed By :John Carlone 03/21/2022
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#4
Vinyl Chloride
Concen: 17.007 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion: 62 Resp: 132247
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





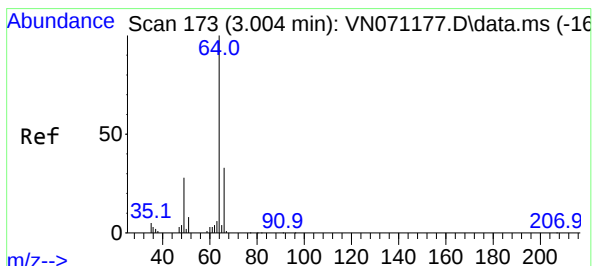
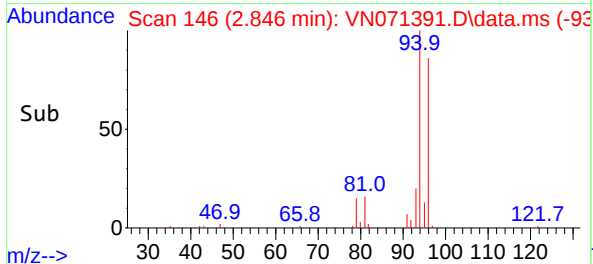
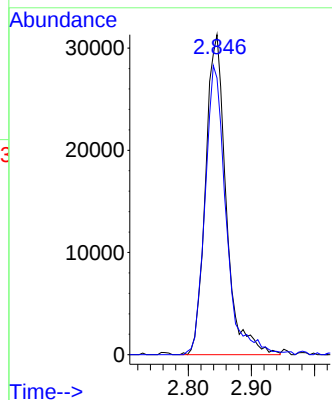
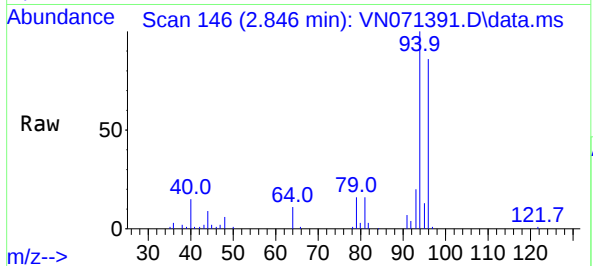
#5
Bromomethane
Concen: 16.424 ug/l
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 70962
Ion Ratio Lower Upper
94 100
96 86.4 73.8 110.8

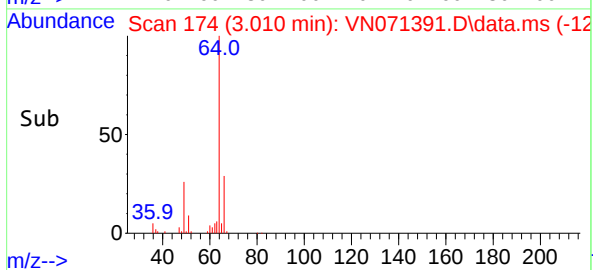
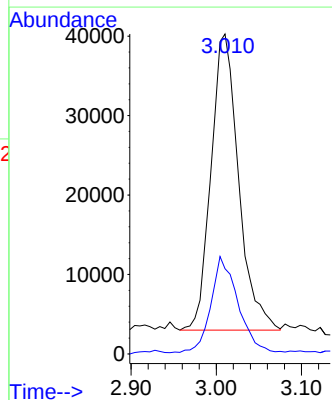
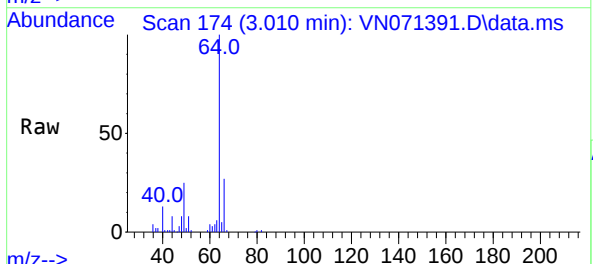
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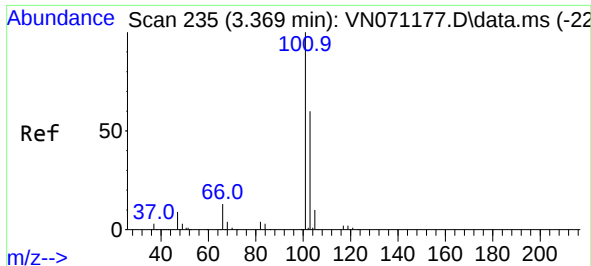
Reviewed By :John Carlone 03/21/2022
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#6
Chloroethane
Concen: 17.844 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion: 64 Resp: 84030
Ion Ratio Lower Upper
64 100
66 28.2 26.3 39.5





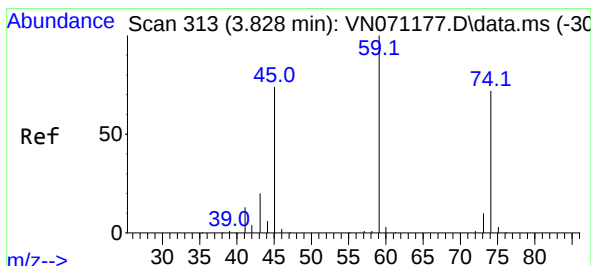
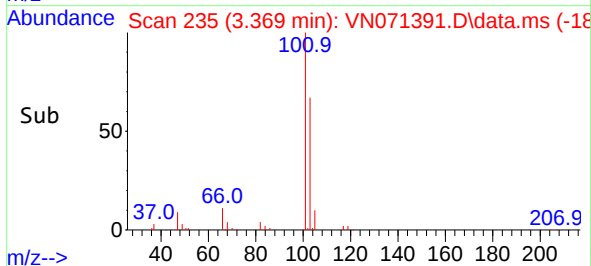
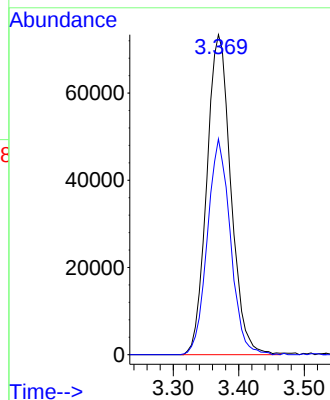
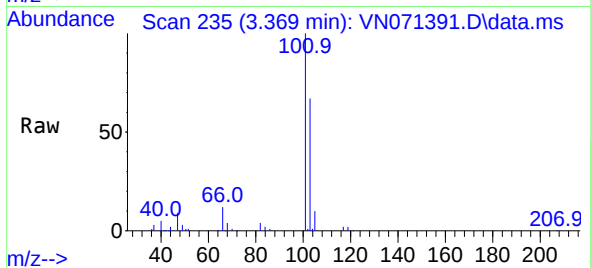
#7
Trichlorofluoromethane
Concen: 18.292 ug/l
RT: 3.369 min Scan# 235
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
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ClientSampleId :
VN0319WBSD01

Tgt Ion:101 Resp: 187210
Ion Ratio Lower Upper
101 100
103 67.4 50.1 75.1

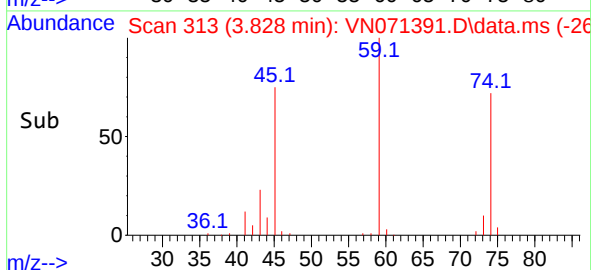
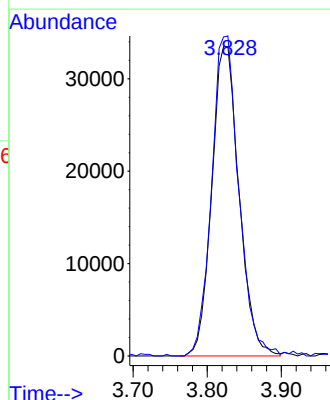
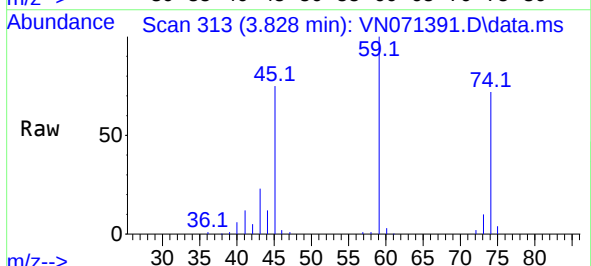
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#8
Diethyl Ether
Concen: 19.504 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion: 74 Resp: 85421
Ion Ratio Lower Upper
74 100
45 103.6 47.0 141.2





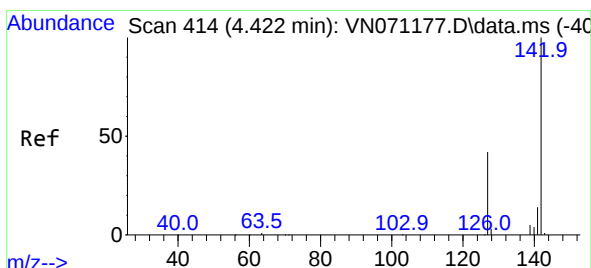
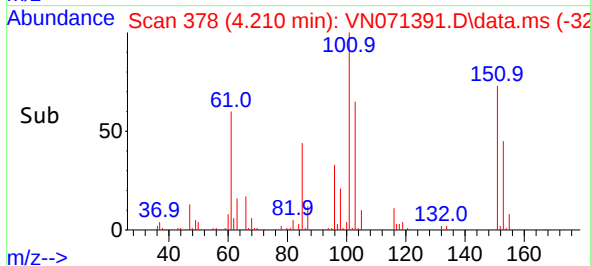
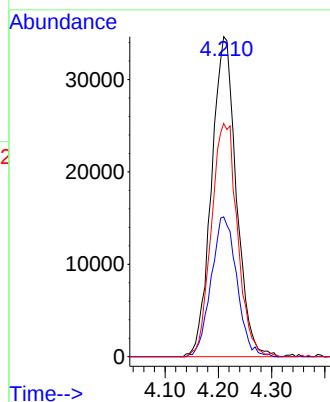
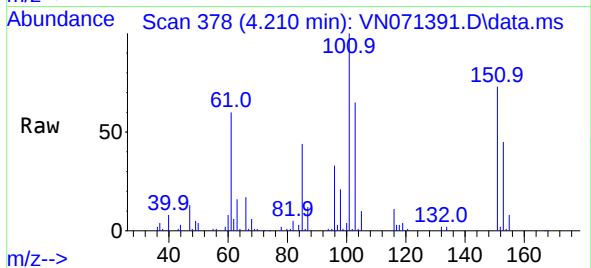
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1,1,2-Trichlorotrifluoroethane
Concen: 18.921 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

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Tgt Ion:101 Resp: 11210
Ion Ratio Lower Upper
101 100
85 45.1 37.2 55.8
151 76.3 65.9 98.9

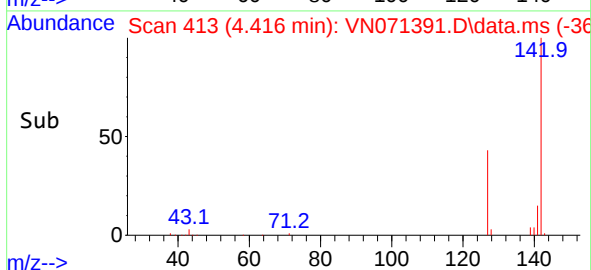
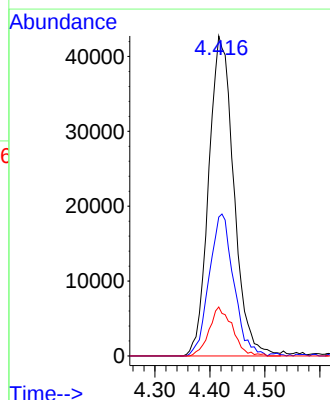
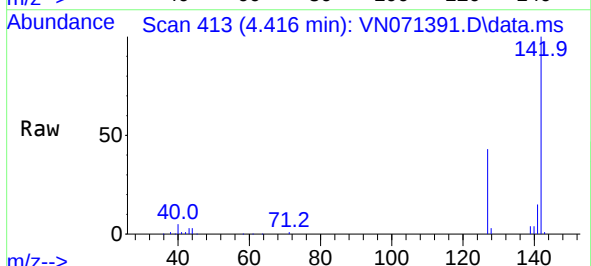
Manual Integrations
APPROVED

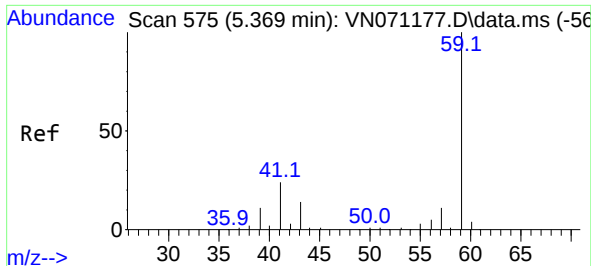
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 16.184 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion:142 Resp: 135437
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.0
141 14.3 11.6 17.4





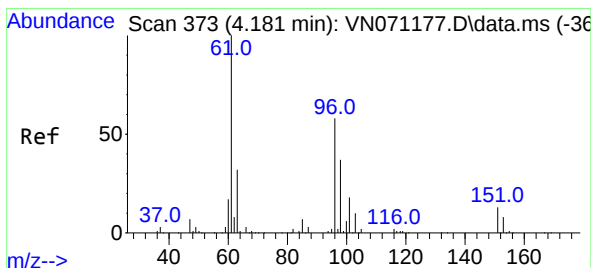
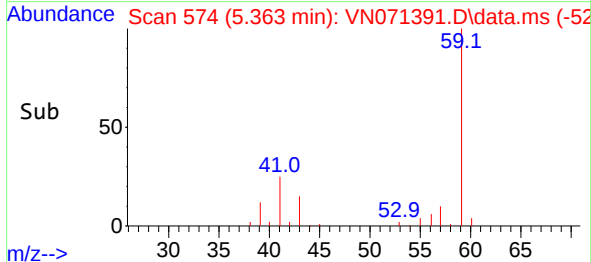
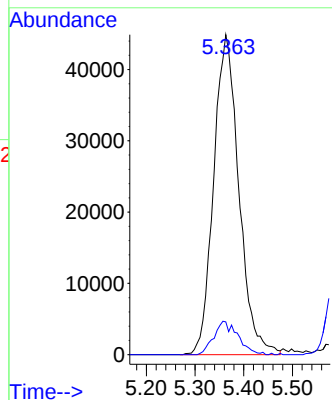
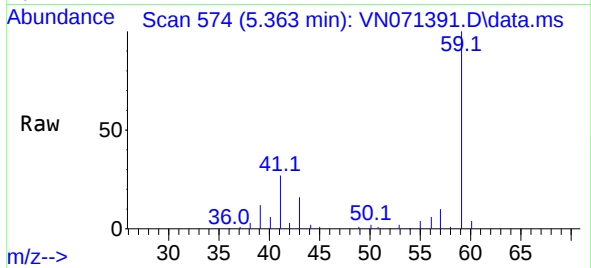
#11
Tert butyl alcohol
Concen: 103.633 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 59 Resp: 161530
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

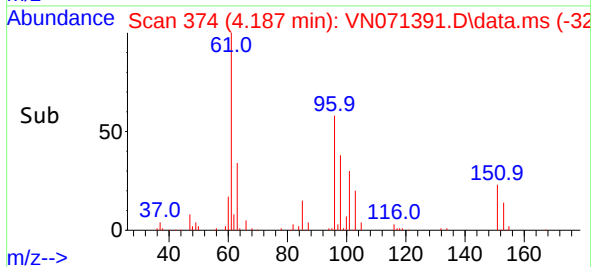
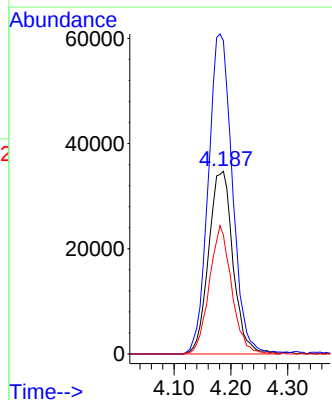
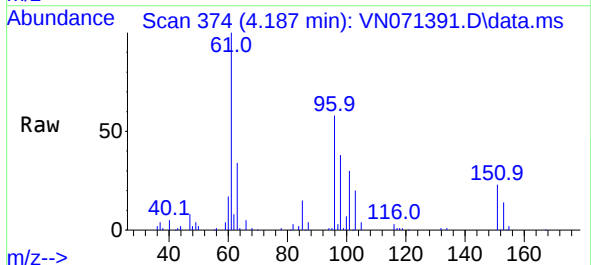
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1-Dichloroethene
Concen: 17.848 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

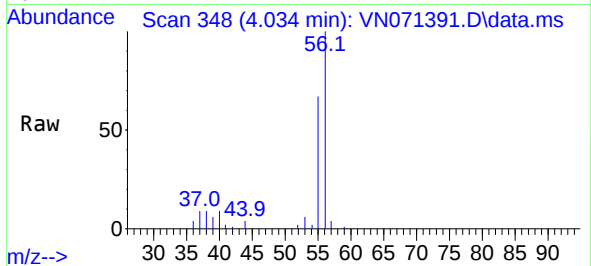
Tgt Ion: 96 Resp: 103592
Ion Ratio Lower Upper
96 100
61 171.4 131.0 196.6
98 65.0 52.4 78.6





#13
Acrolein
Concen: 53.557 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

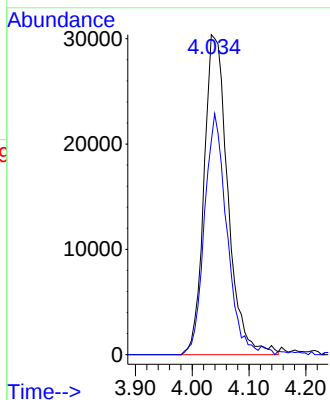
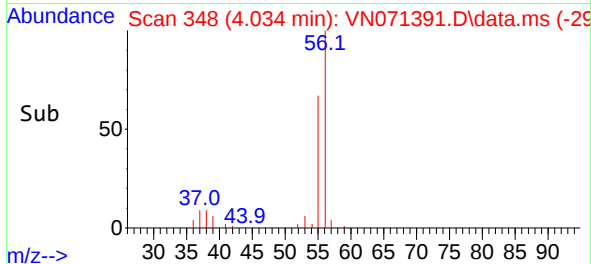
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



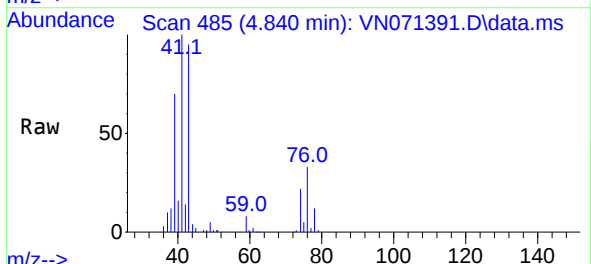
Tgt Ion: 56 Resp: 88360
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

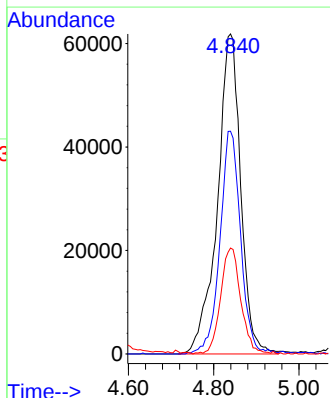
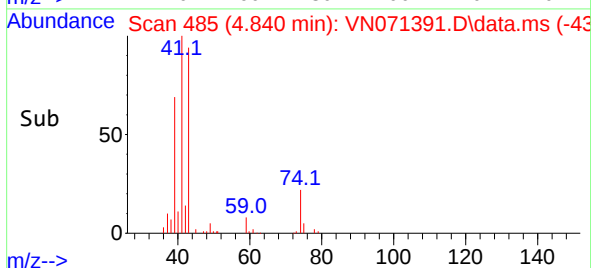
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

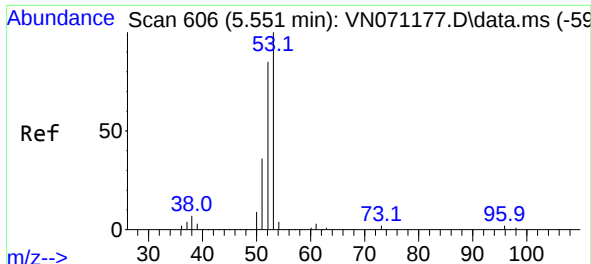


#14
Allyl chloride
Concen: 18.608 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



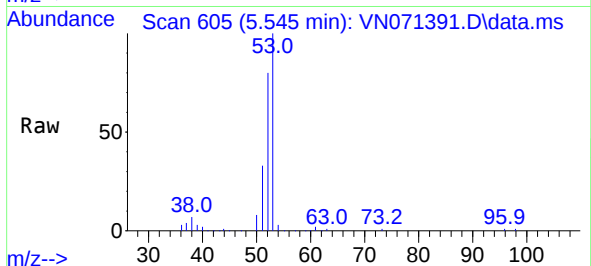
Tgt Ion: 41 Resp: 234901
Ion Ratio Lower Upper
41 100
39 61.8 61.2 91.8
76 28.7 26.0 39.0





#15
Acrylonitrile
Concen: 101.673 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

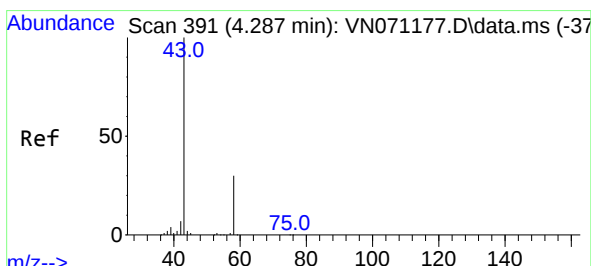
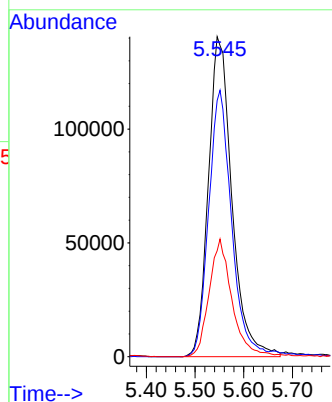
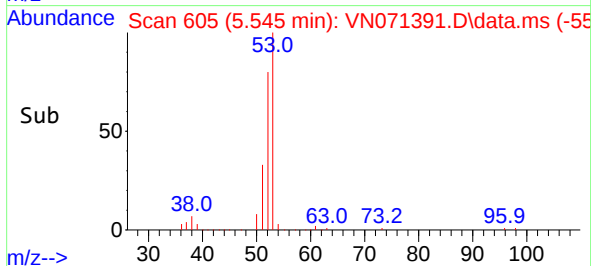
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 53 Resp: 470579
Ion Ratio Lower Upper
53 100
52 80.8 66.2 99.2
51 36.1 29.6 44.4

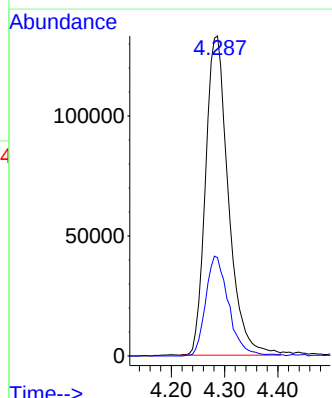
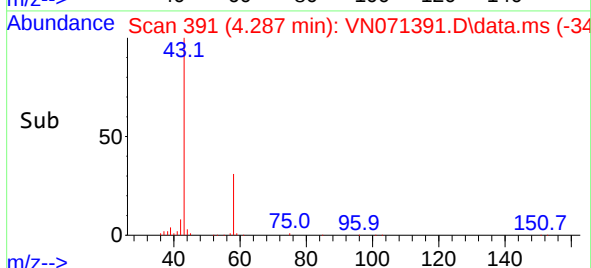
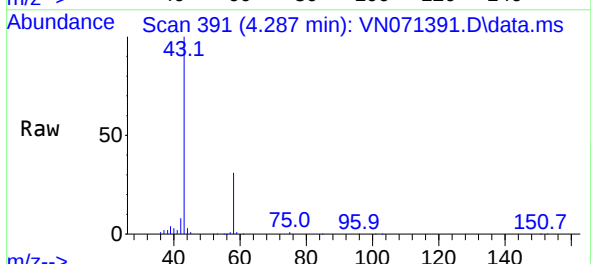
Manual Integrations
APPROVED

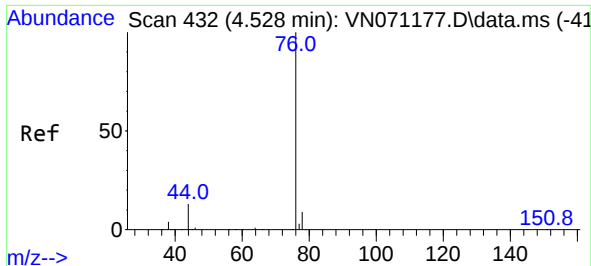
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#16
Acetone
Concen: 102.692 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

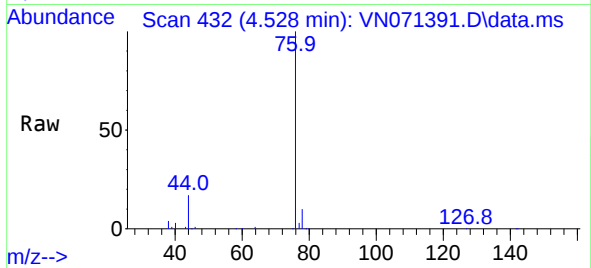
Tgt Ion: 43 Resp: 396469
Ion Ratio Lower Upper
43 100
58 30.8 23.1 34.7





#17
Carbon Disulfide
Concen: 15.463 ug/l
RT: 4.528 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

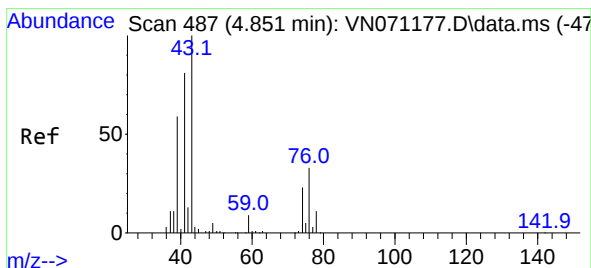
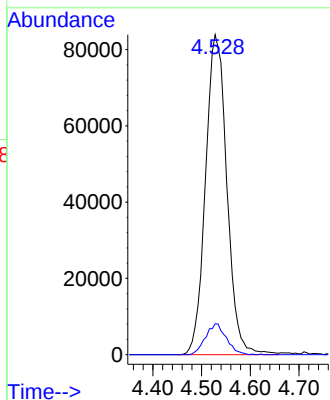
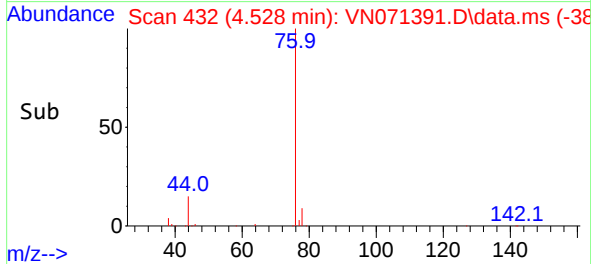
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



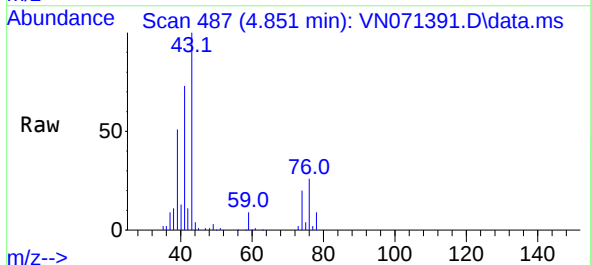
Tgt Ion: 76 Resp: 25551
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

Manual Integrations
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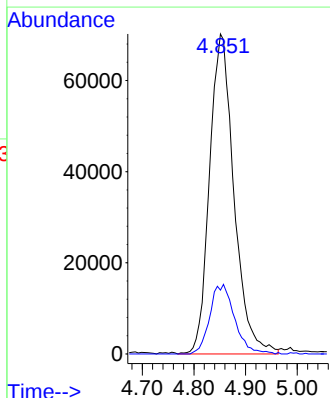
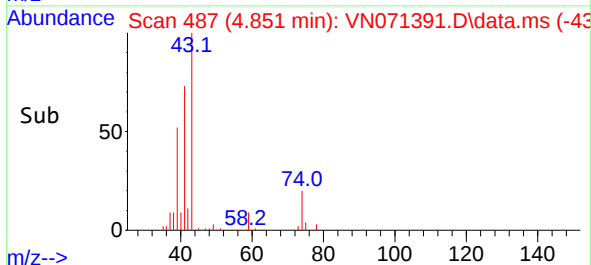
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

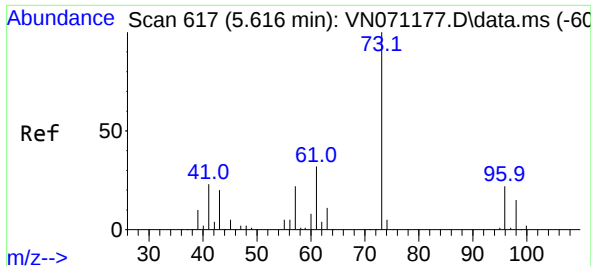


#18
Methyl Acetate
Concen: 22.507 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



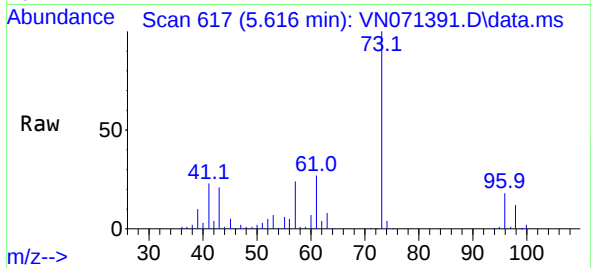
Tgt Ion: 43 Resp: 230665
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.367 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

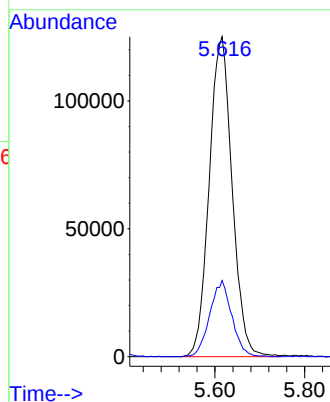
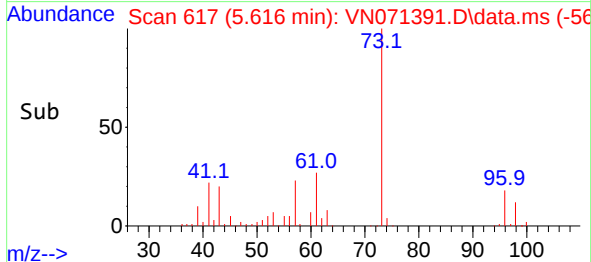
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



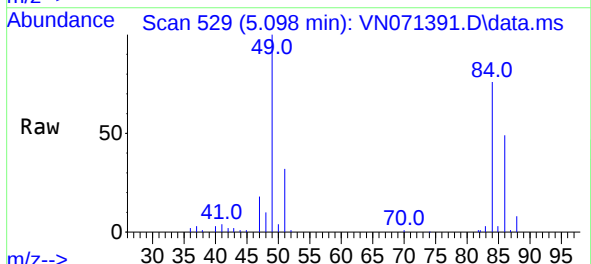
Tgt Ion: 73 Resp: 44384
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2

Manual Integrations
APPROVED

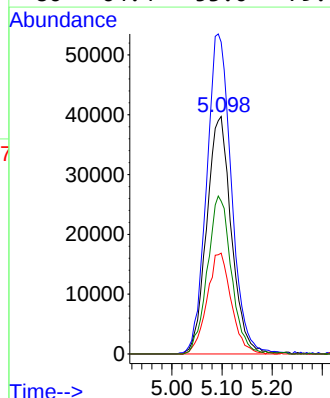
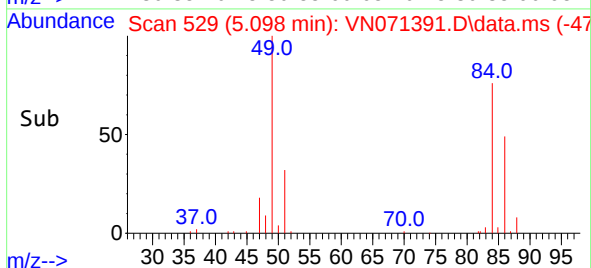
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 19.449 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



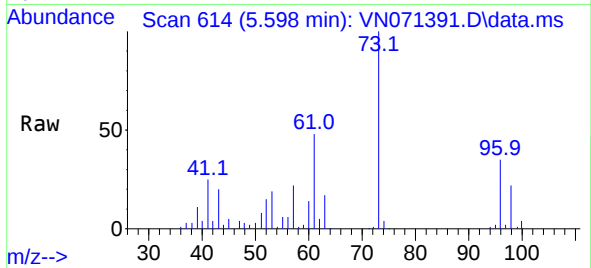
Tgt Ion: 84 Resp: 135578
Ion Ratio Lower Upper
84 100
49 130.9 93.5 140.3
51 42.5 29.4 44.2
86 64.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.969 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

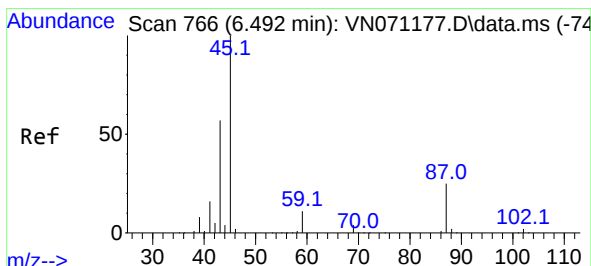
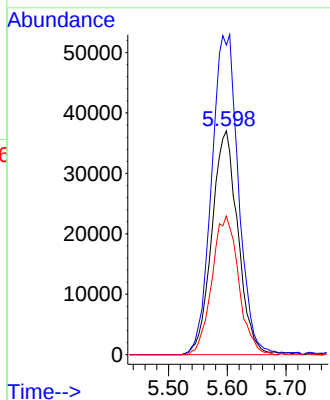
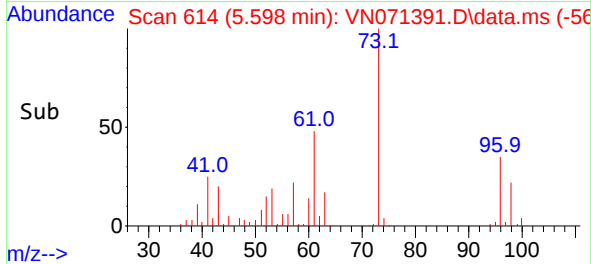
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



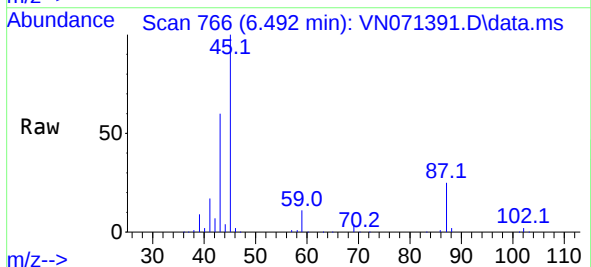
Tgt Ion: 96 Resp: 114070
Ion Ratio Lower Upper
96 100
61 138.3 105.8 158.6
98 62.0 52.0 78.0

Manual Integrations
APPROVED

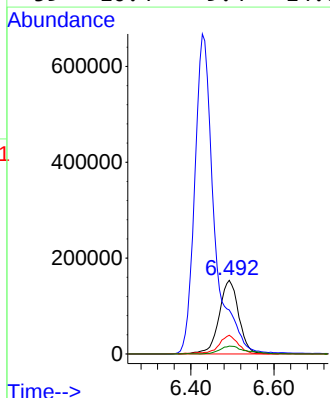
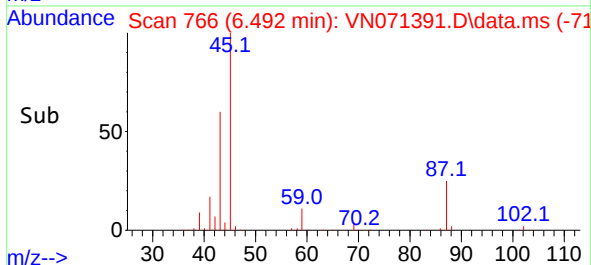
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
Diisopropyl ether
Concen: 20.282 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion: 45 Resp: 504405
Ion Ratio Lower Upper
45 100
43 58.3 51.7 77.5
87 25.5 23.2 34.8
59 10.4 9.4 14.0





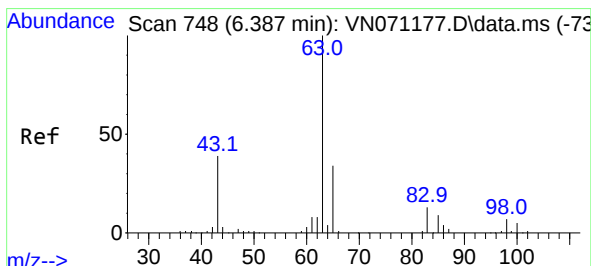
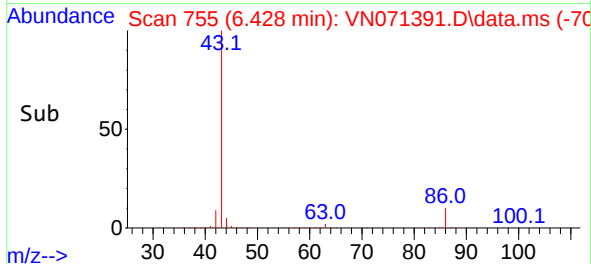
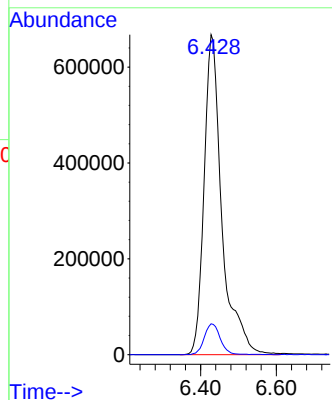
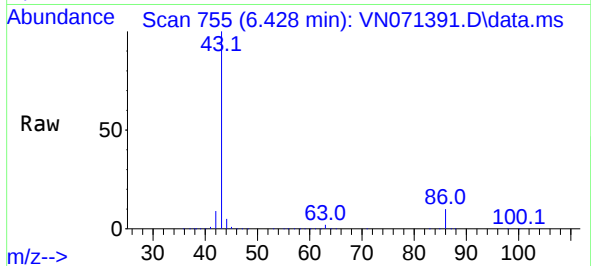
#23
 Vinyl Acetate
 Concen: 103.192 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071391.D
 Acq: 19 Mar 2022 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Tgt Ion: 43 Resp: 217266
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

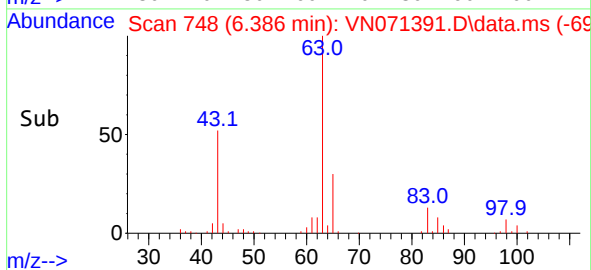
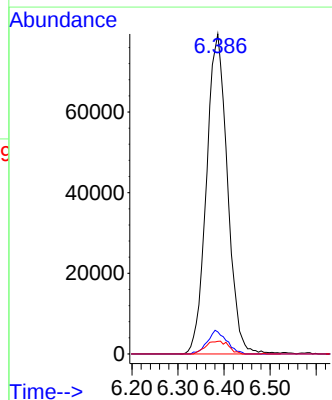
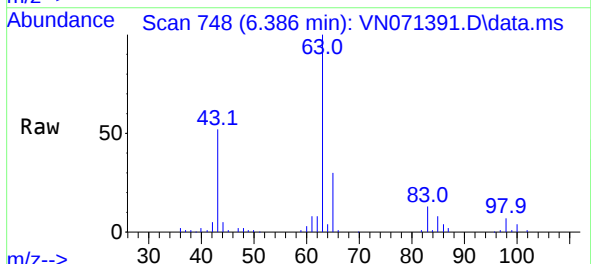
Manual Integrations
 APPROVED

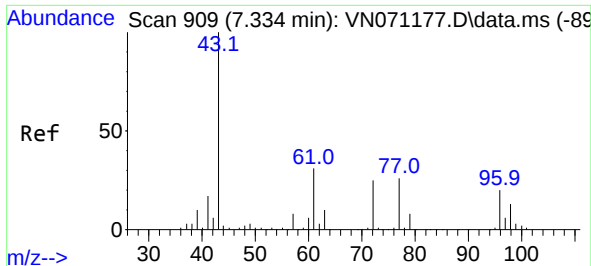
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.125 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071391.D
 Acq: 19 Mar 2022 12:29

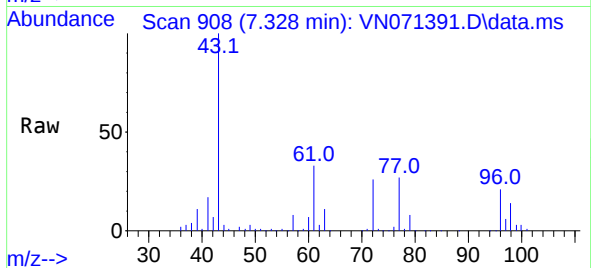
Tgt Ion: 63 Resp: 251339
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 104.054 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

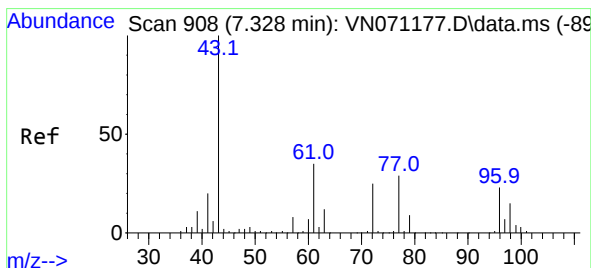
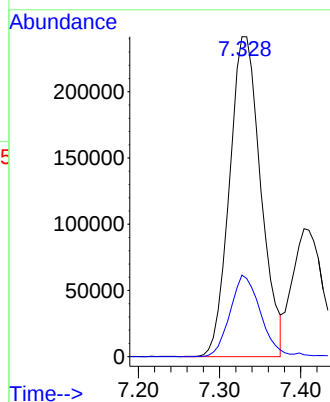
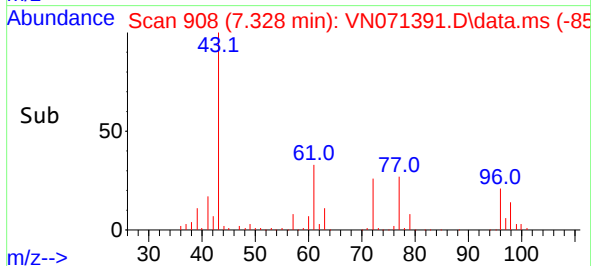
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



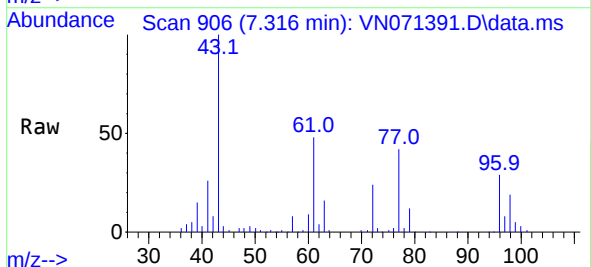
Tgt Ion: 43 Resp: 647135
Ion Ratio Lower Upper
43 100
72 25.5 21.7 32.5

Manual Integrations
APPROVED

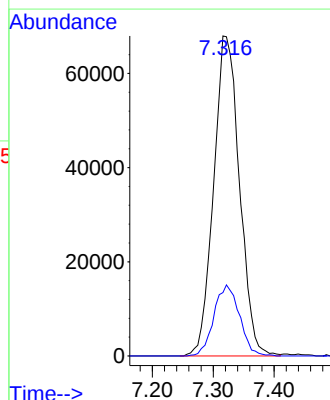
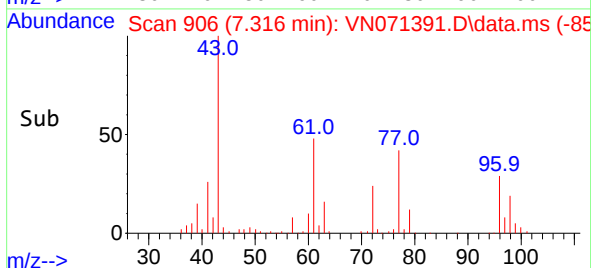
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

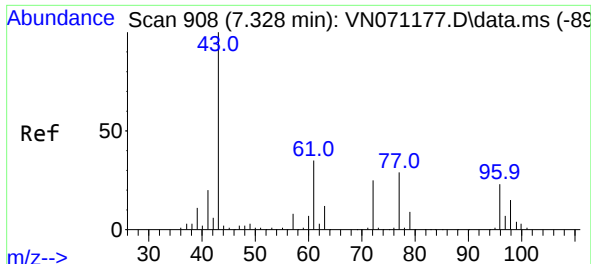


#26
2,2-Dichloropropane
Concen: 19.737 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



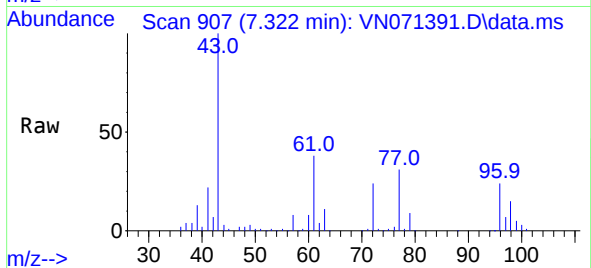
Tgt Ion: 77 Resp: 200108
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.884 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071391.D
 Acq: 19 Mar 2022 12:29

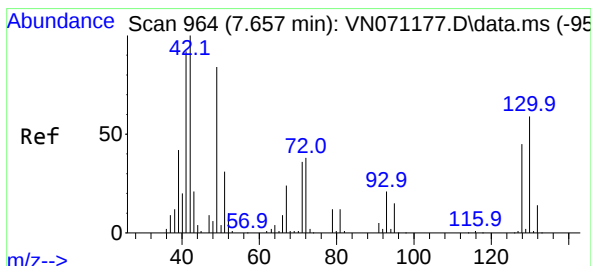
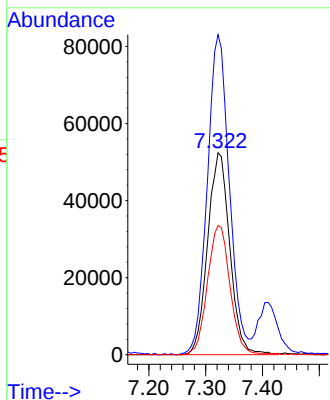
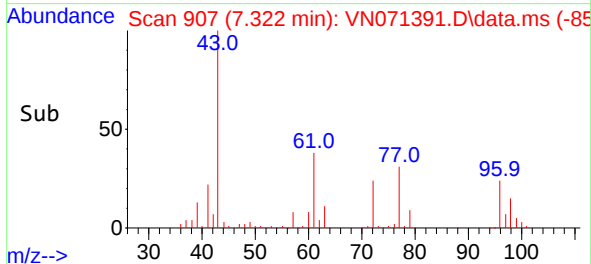
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01



Tgt Ion: 96 Resp: 142290
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 275.0
 98 64.8 0.0 129.6

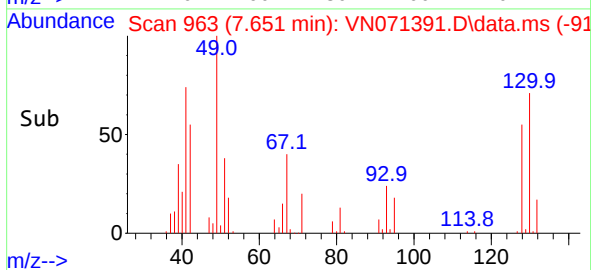
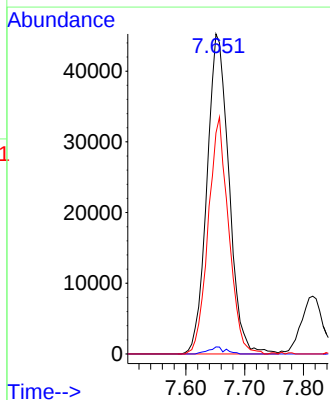
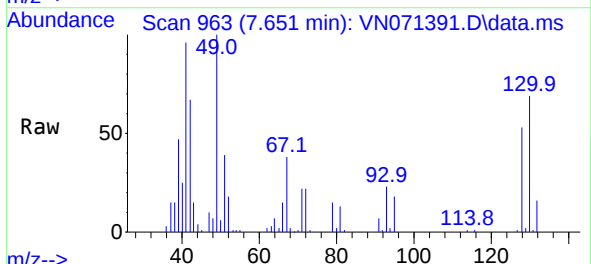
Manual Integrations
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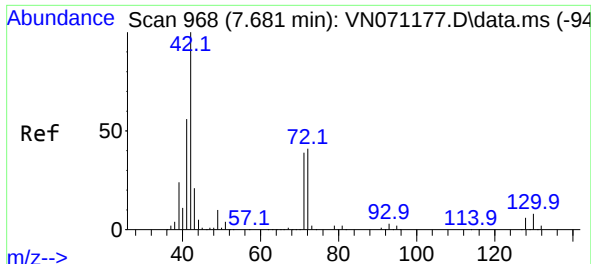
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#28
 Bromochloromethane
 Concen: 20.103 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071391.D
 Acq: 19 Mar 2022 12:29

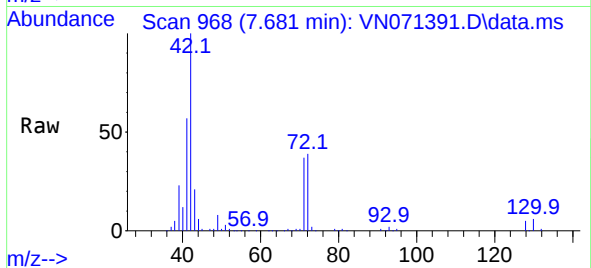
Tgt Ion: 49 Resp: 117646
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 68.5 67.8 101.8





#29
Tetrahydrofuran
Concen: 104.091 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

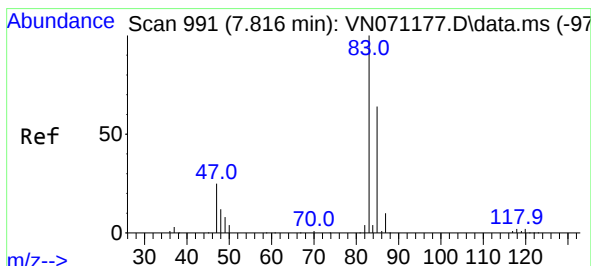
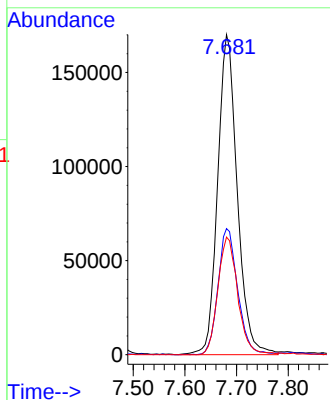
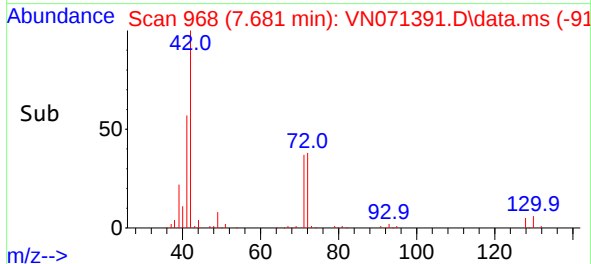
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



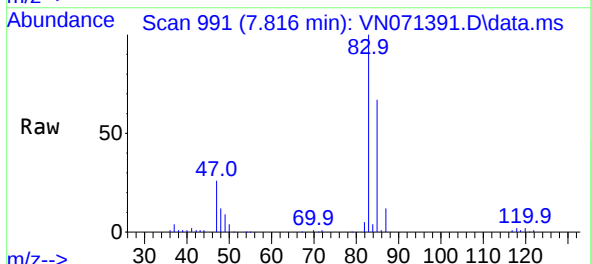
Tgt Ion: 42 Resp: 44848
Ion Ratio Lower Upper
42 100
72 39.5 36.3 54.5
71 37.3 34.7 52.1

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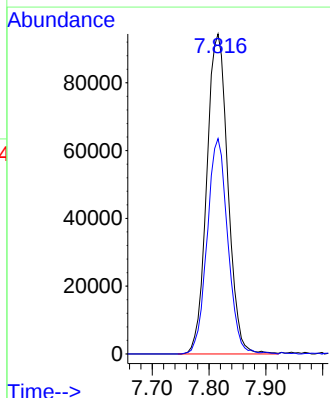
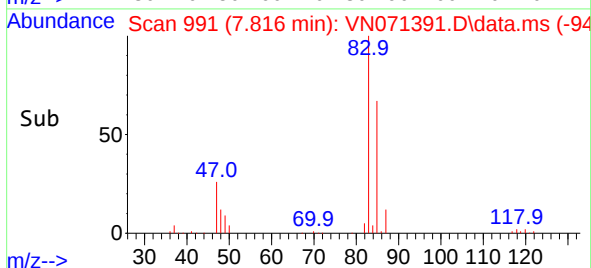
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

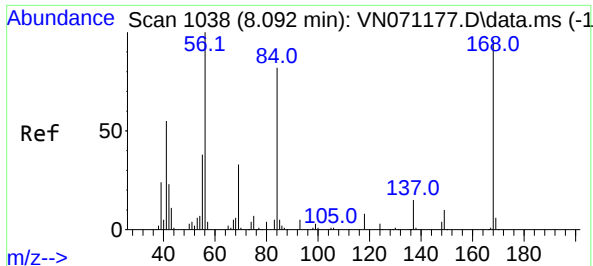


#30
Chloroform
Concen: 19.384 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



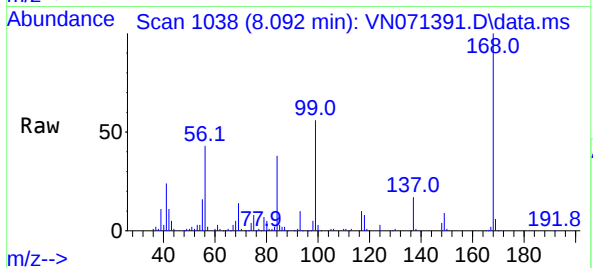
Tgt Ion: 83 Resp: 242968
Ion Ratio Lower Upper
83 100
85 67.3 51.9 77.9





#31
Cyclohexane
Concen: 17.816 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

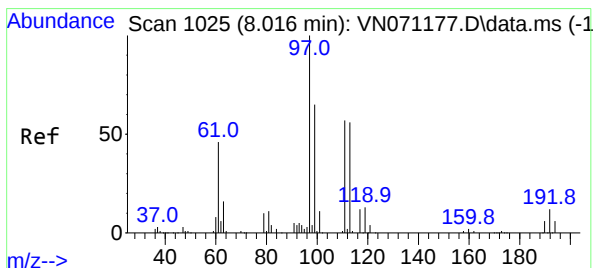
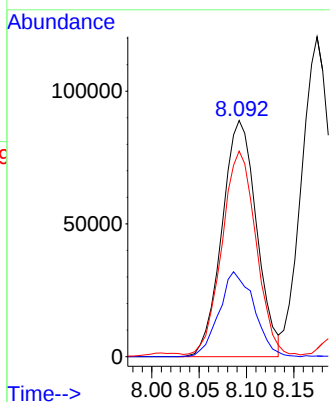
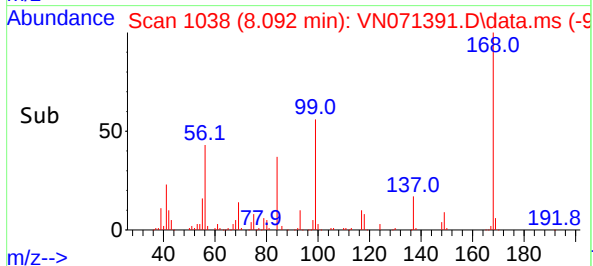
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



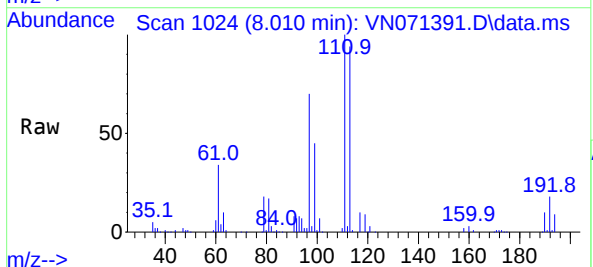
Tgt Ion: 56 Resp: 225748
Ion Ratio Lower Upper
56 100
69 32.9 27.1 40.7
84 85.4 73.4 110.0

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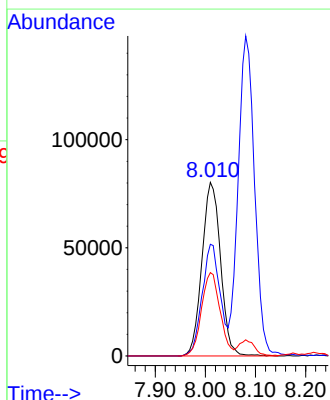
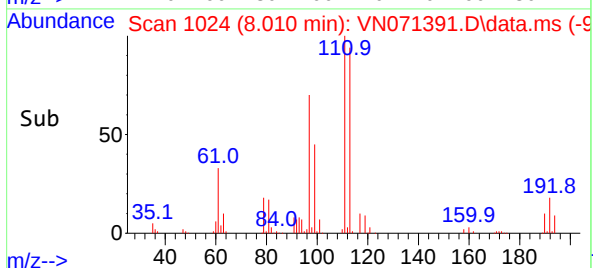
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

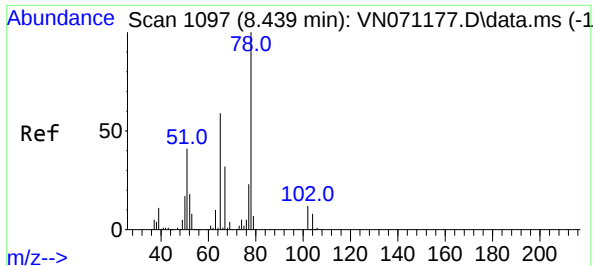


#32
1,1,1-Trichloroethane
Concen: 19.410 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion: 97 Resp: 207233
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 48.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.177 ug/l

RT: 8.433 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071391.D

Acq: 19 Mar 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 65 Resp: 41400

Ion Ratio Lower Upper

65 100

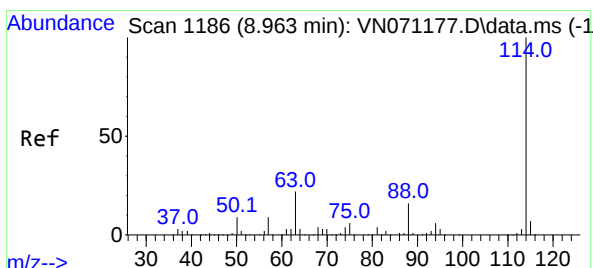
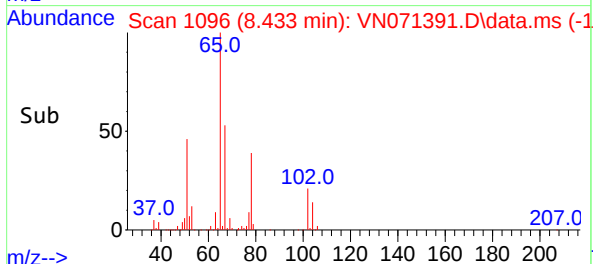
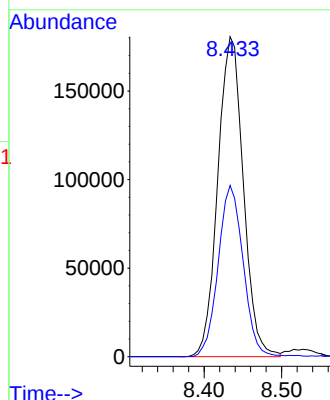
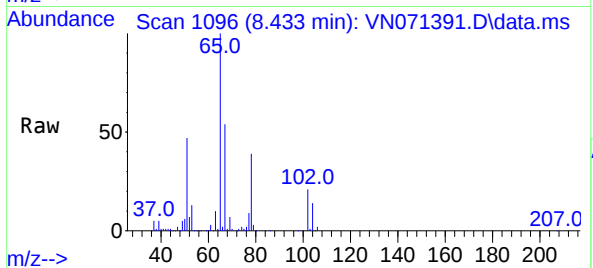
67 52.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071391.D

Acq: 19 Mar 2022 12:29

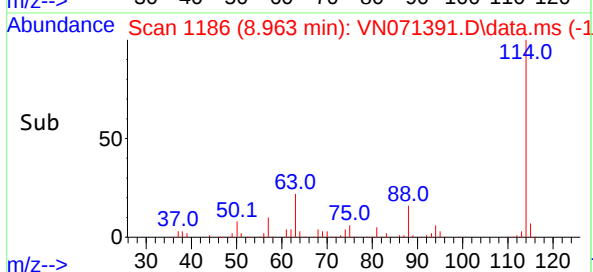
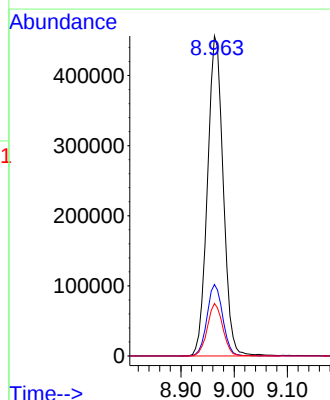
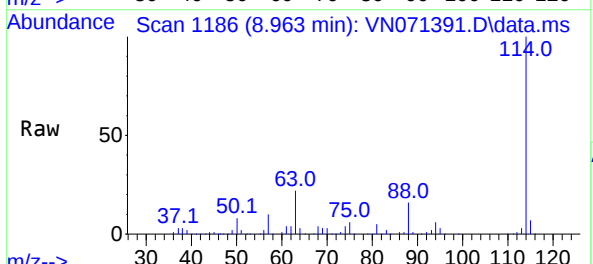
Tgt Ion:114 Resp: 937155

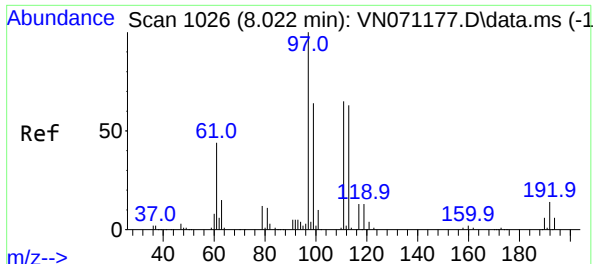
Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

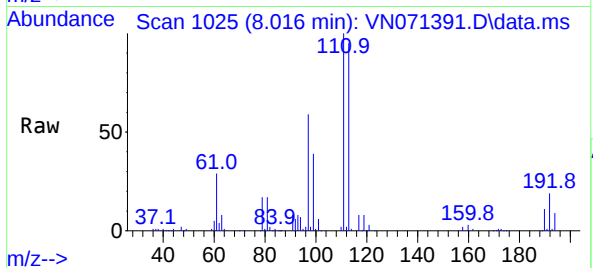
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.266 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

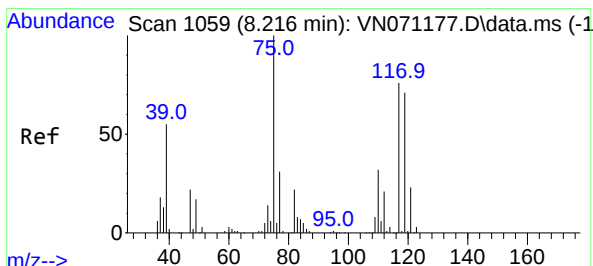
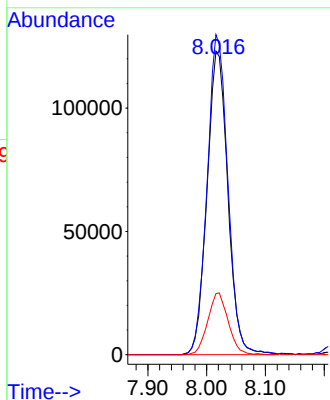
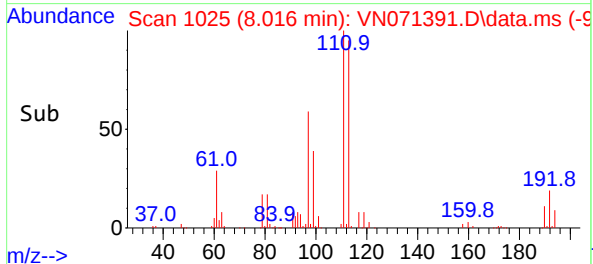
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



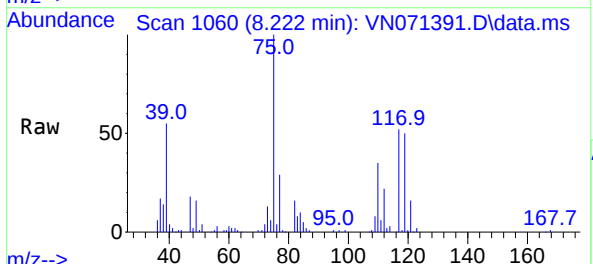
Tgt Ion:113 Resp: 30317
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 19.9 16.9 25.3

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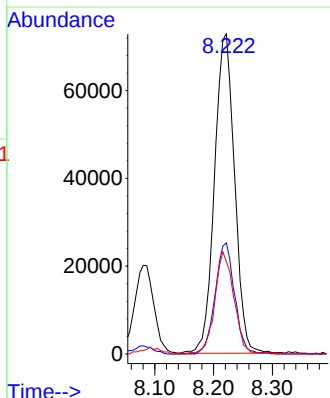
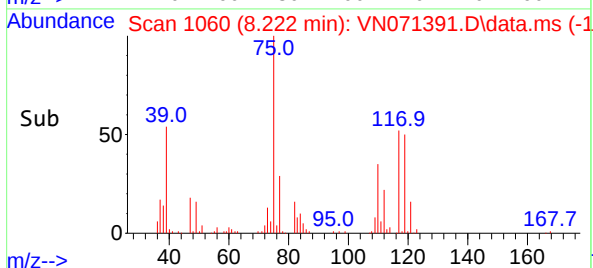
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

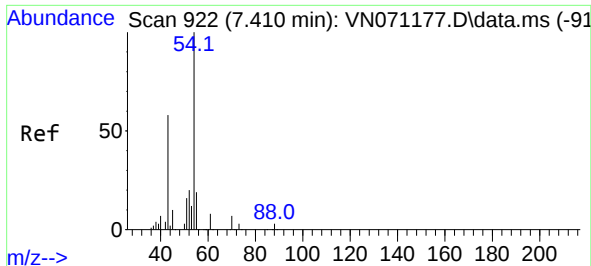


#36
1,1-Dichloropropene
Concen: 18.238 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



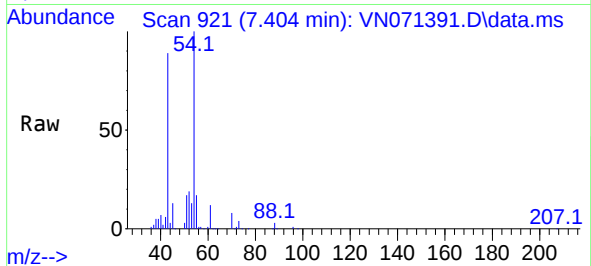
Tgt Ion: 75 Resp: 172805
Ion Ratio Lower Upper
75 100
110 33.5 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 19.652 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

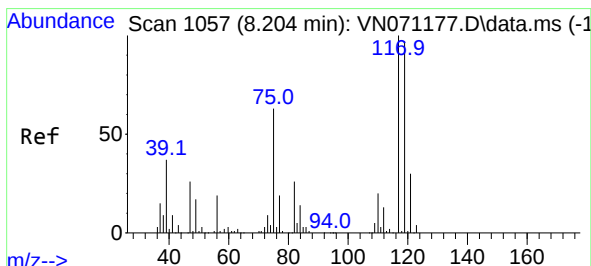
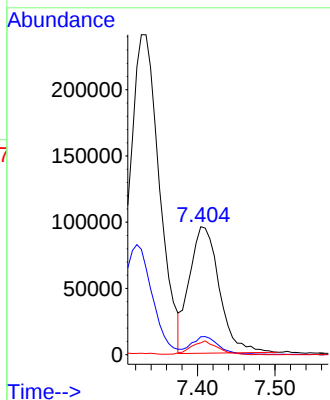
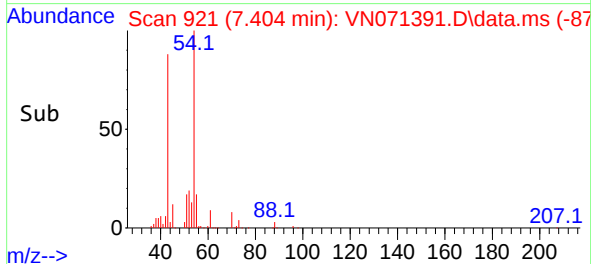
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 43 Resp: 256260
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.6 7.9 11.9

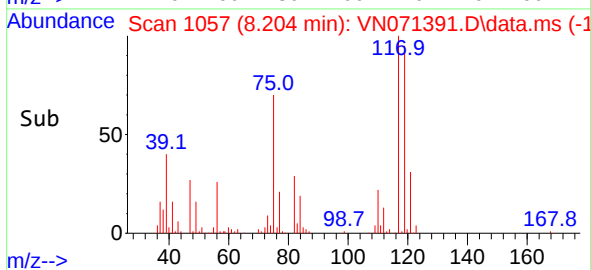
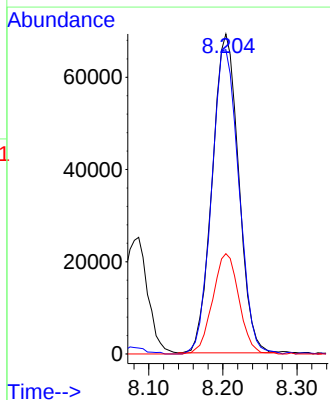
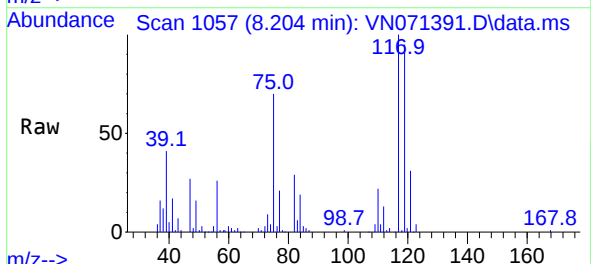
Manual Integrations
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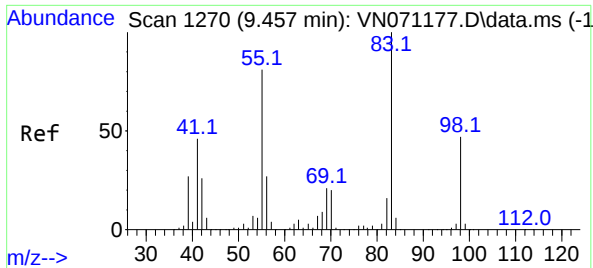
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Carbon Tetrachloride
Concen: 18.640 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

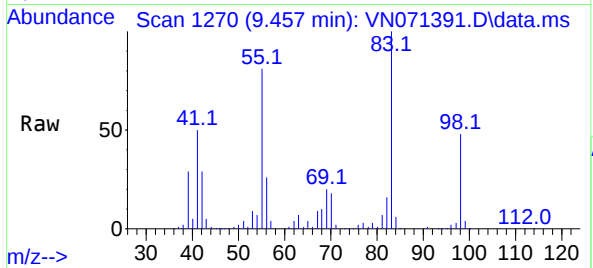
Tgt Ion:117 Resp: 170830
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 31.5 24.2 36.2





#39
Methylcyclohexane
Concen: 17.977 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

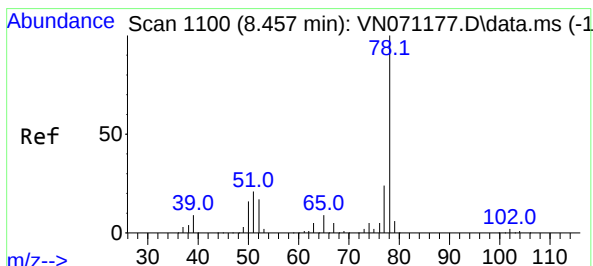
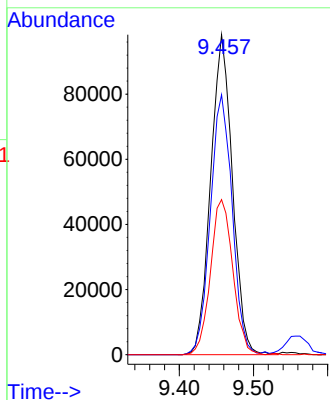
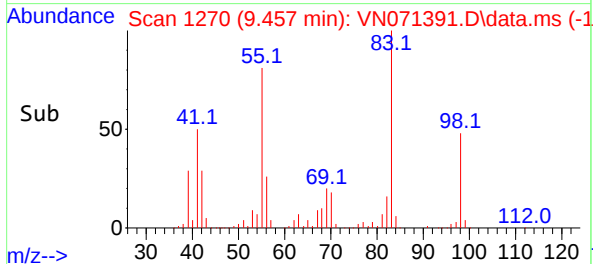
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



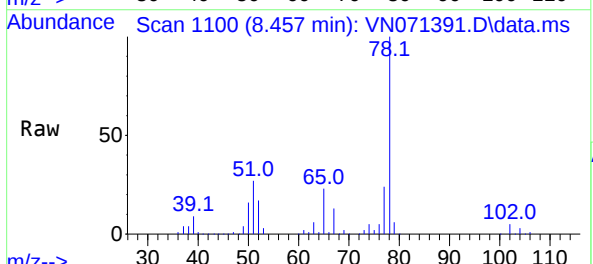
Tgt Ion: 83 Resp: 200380
Ion Ratio Lower Upper
83 100
55 81.2 58.1 87.1
98 48.4 38.4 57.6

Manual Integrations
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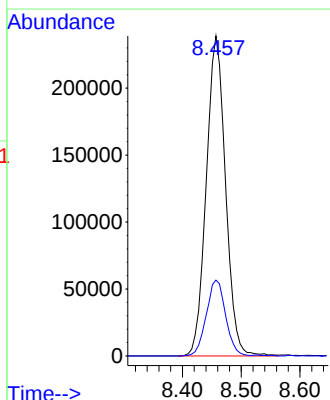
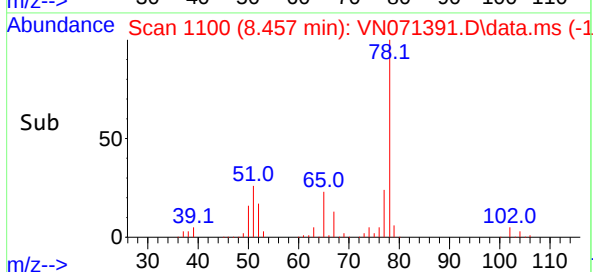
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#40
Benzene
Concen: 19.042 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



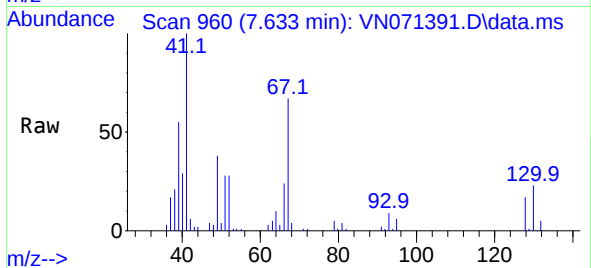
Tgt Ion: 78 Resp: 543604
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 20.880 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

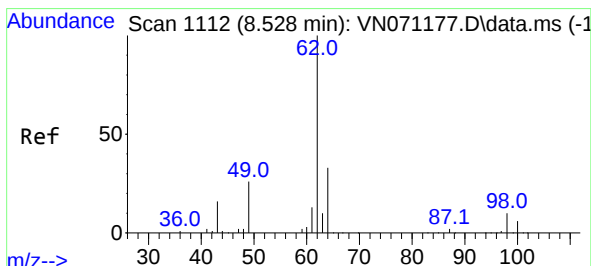
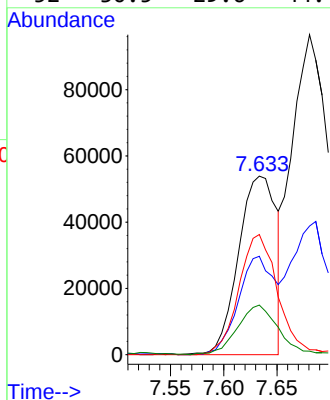
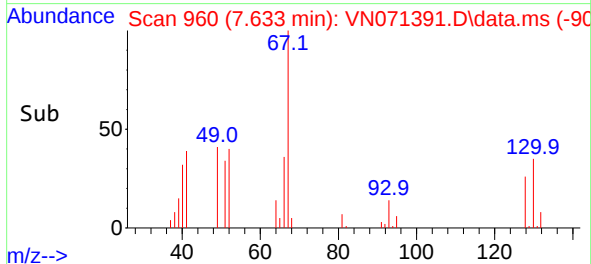
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 41 Resp: 133248
Ion Ratio Lower Upper
41 100
39 52.7 48.1 72.1
67 70.4 68.3 102.5
52 30.5 29.6 44.4

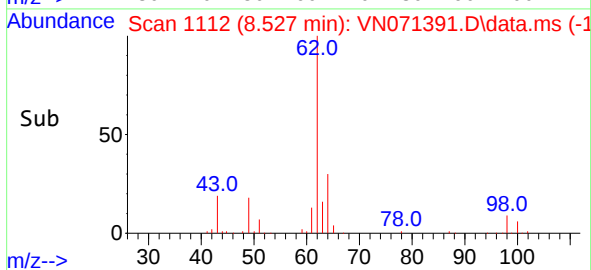
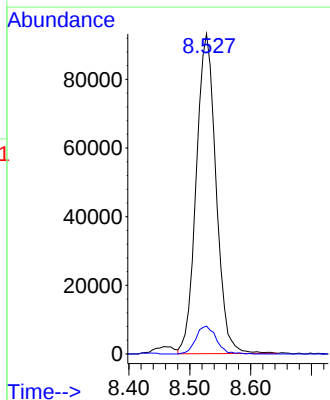
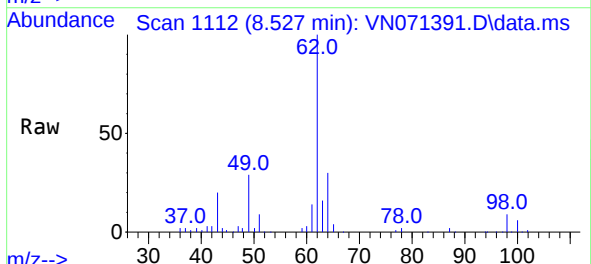
Manual Integrations
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Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#42
1,2-Dichloroethane
Concen: 21.152 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

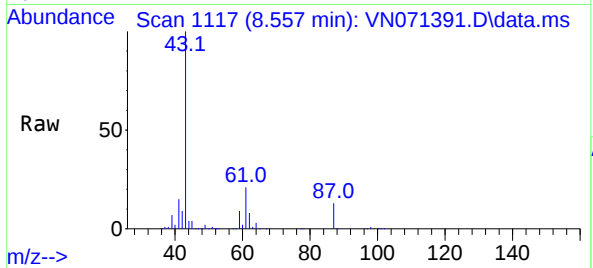
Tgt Ion: 62 Resp: 210126
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.064 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

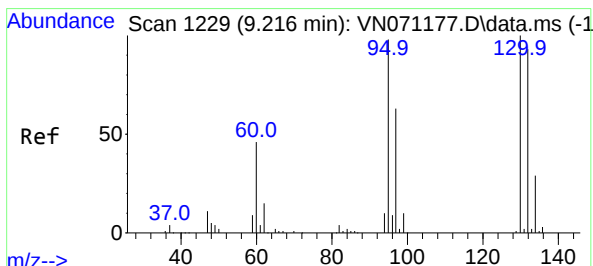
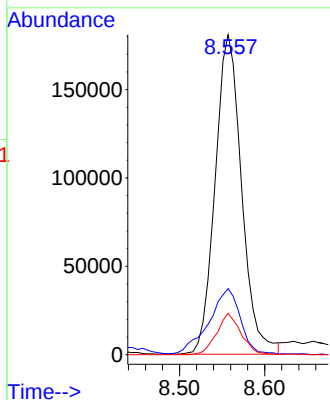
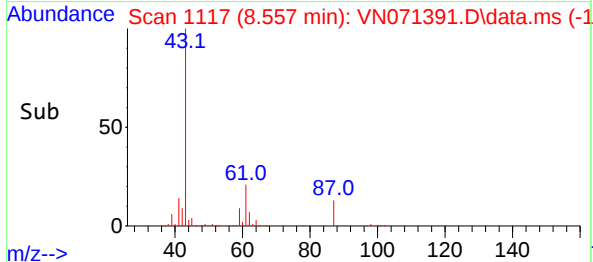
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



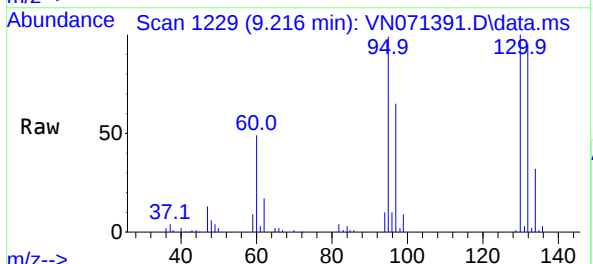
Tgt Ion: 43 Resp: 391250
Ion Ratio Lower Upper
43 100
61 24.2 20.4 30.6
87 11.8 11.2 16.8

Manual Integrations
APPROVED

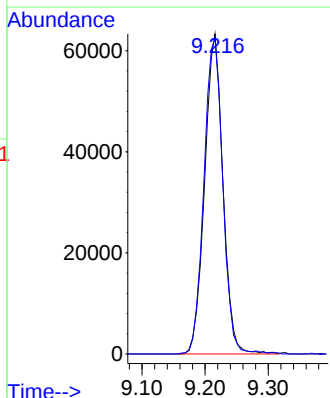
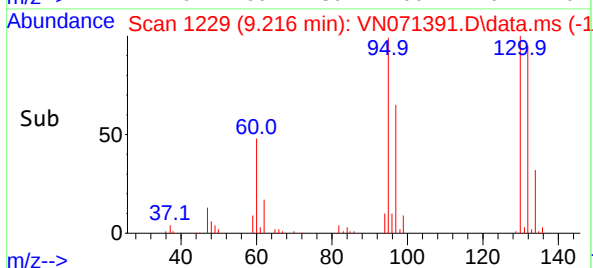
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

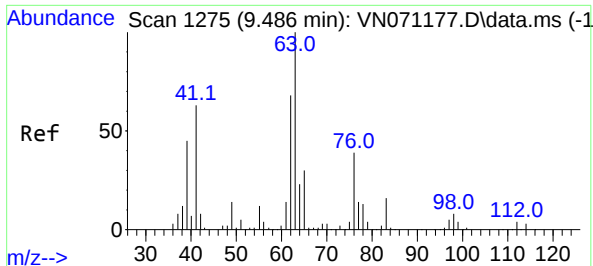


#44
Trichloroethene
Concen: 18.951 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion:130 Resp: 127650
Ion Ratio Lower Upper
130 100
95 98.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.008 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071391.D

Acq: 19 Mar 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 63 Resp: 153330

Ion Ratio Lower Upper

63 100

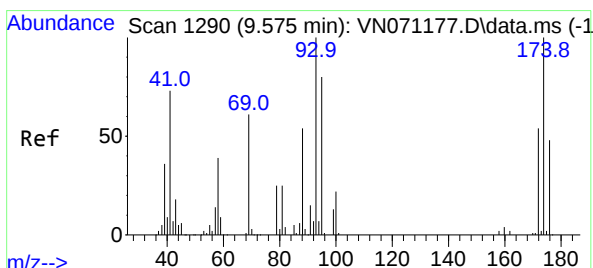
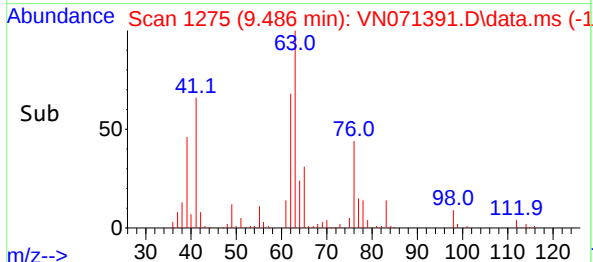
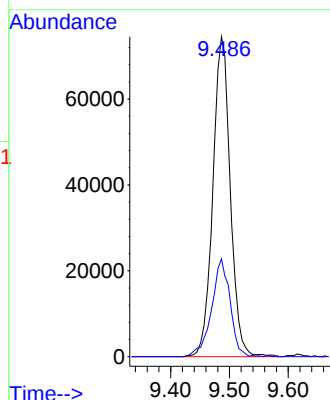
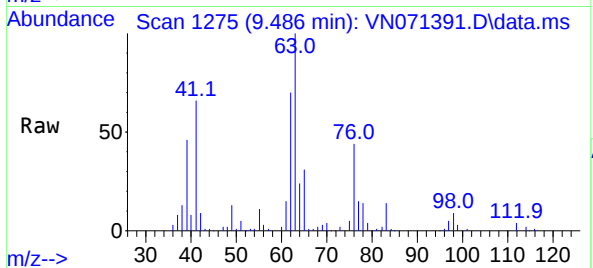
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#46

Dibromomethane

Concen: 20.321 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN071391.D

Acq: 19 Mar 2022 12:29

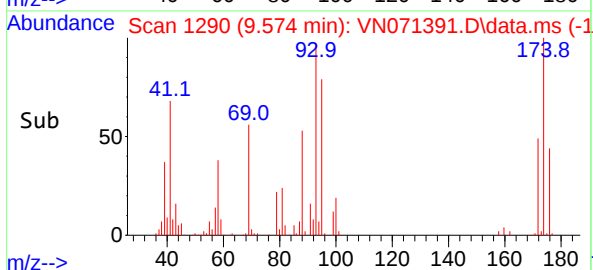
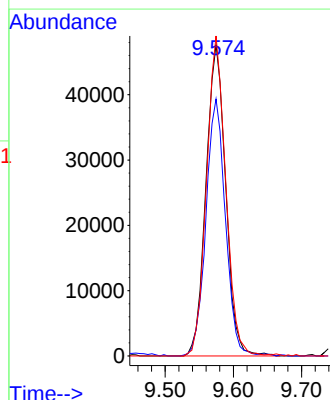
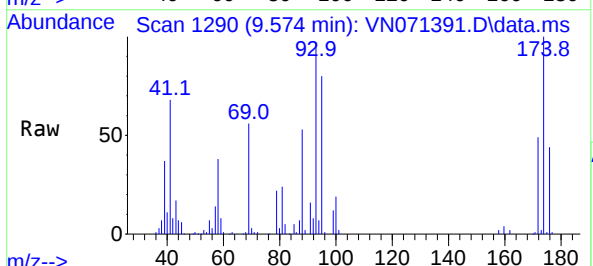
Tgt Ion: 93 Resp: 95852

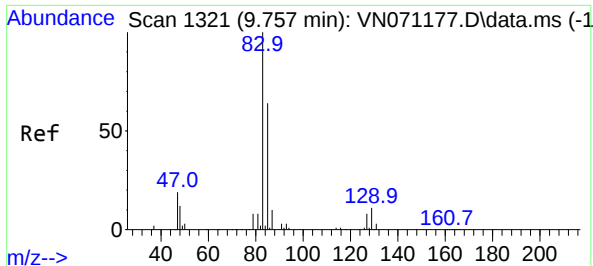
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

174 100.5 84.6 127.0





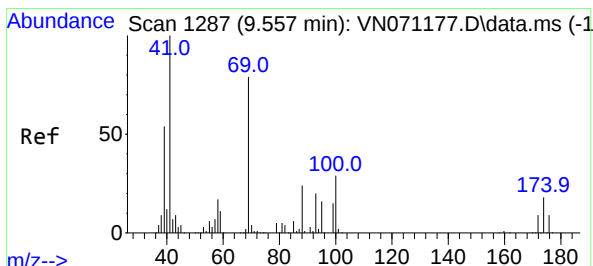
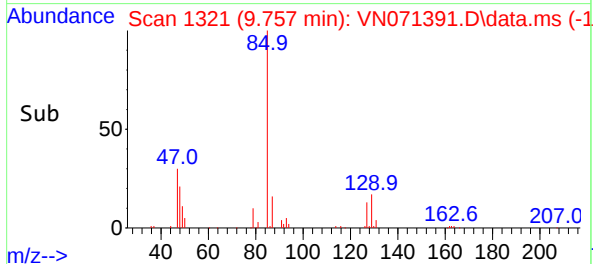
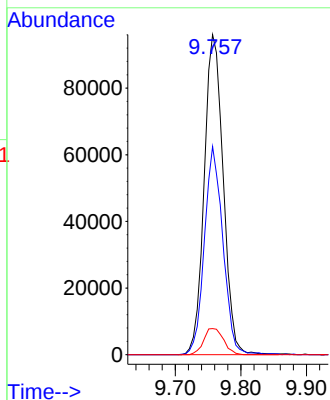
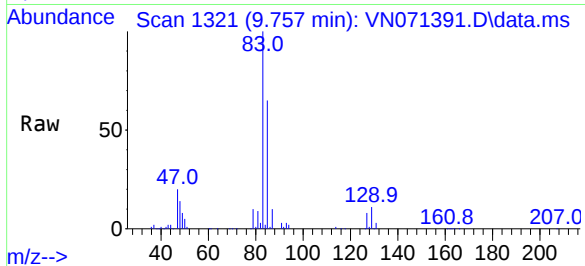
#47
Bromodichloromethane
Concen: 20.338 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 83 Resp: 19386
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3
127 8.2 7.1 10.7

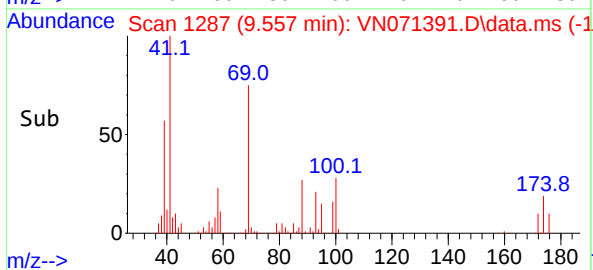
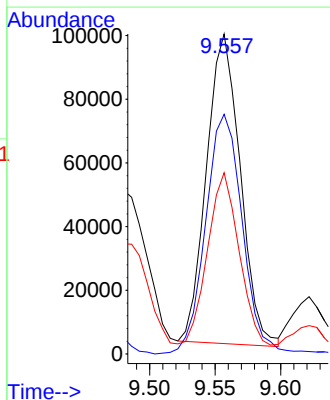
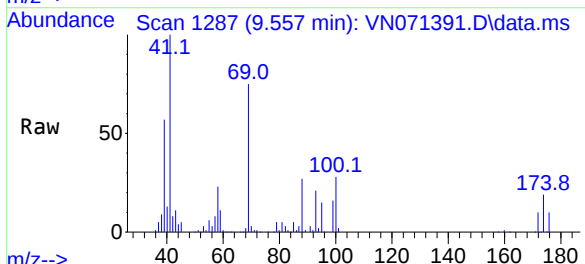
Manual Integrations
APPROVED

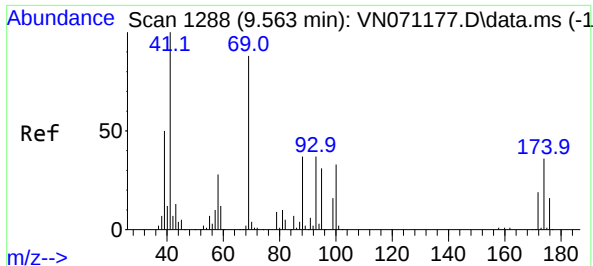
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#48
Methyl methacrylate
Concen: 19.228 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

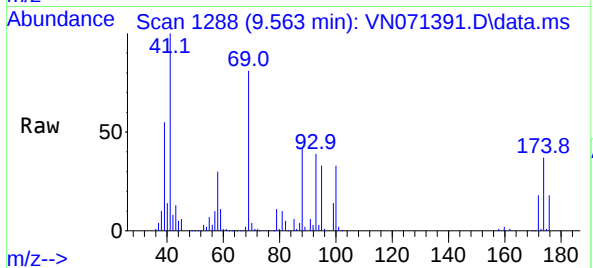
Tgt Ion: 41 Resp: 173759
Ion Ratio Lower Upper
41 100
69 84.9 72.4 108.6
39 57.8 58.4 87.6#





#49
1,4-Dioxane
Concen: 456.602 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

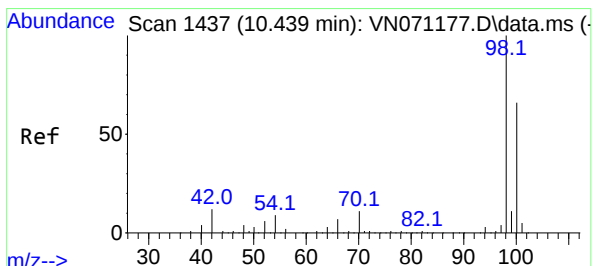
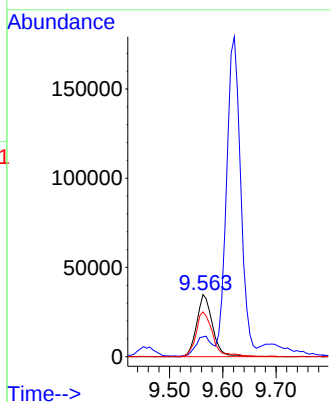
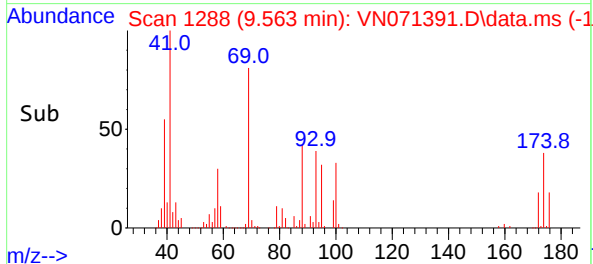
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 88 Resp: 71723
Ion Ratio Lower Upper
88 100
43 33.1 23.4 35.2
58 76.3 50.6 75.8

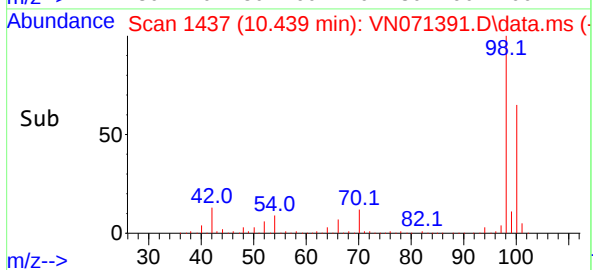
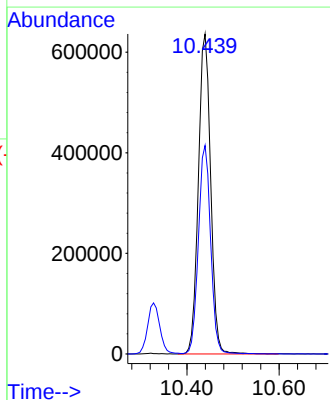
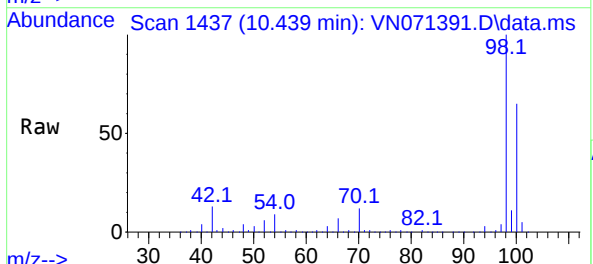
Manual Integrations
APPROVED

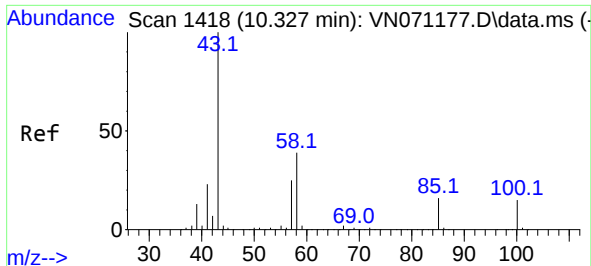
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 49.645 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion: 98 Resp: 1182072
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





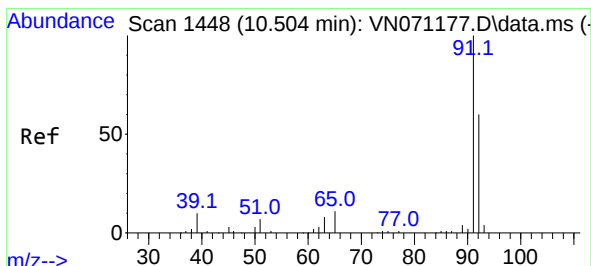
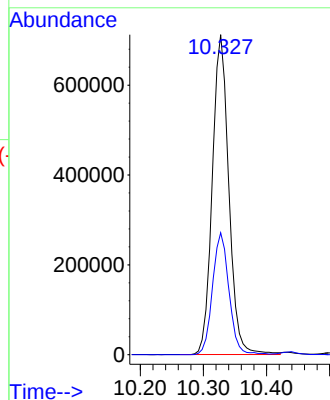
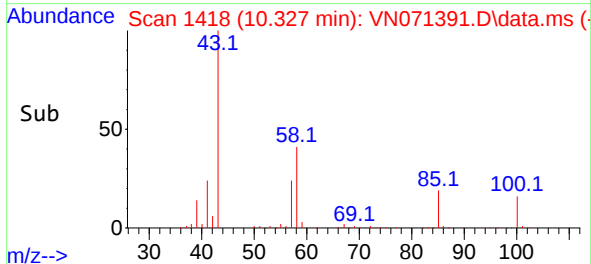
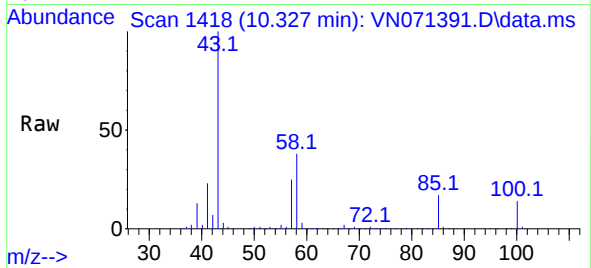
#51
4-Methyl-2-Pentanone
Concen: 106.959 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 43 Resp: 129442
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

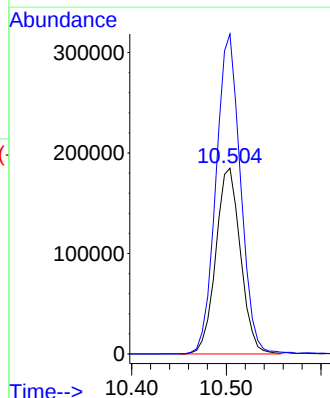
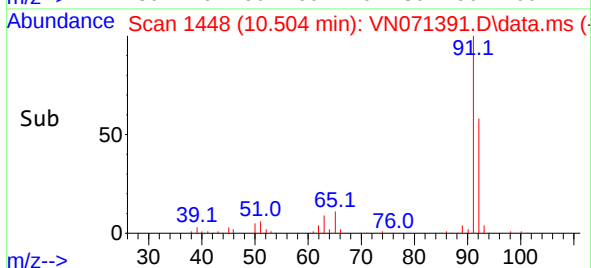
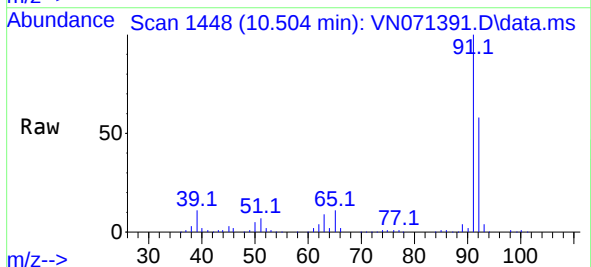
Manual Integrations
APPROVED

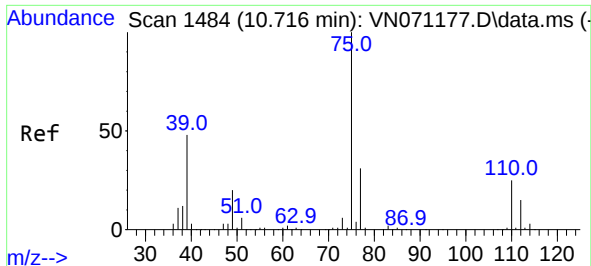
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 19.076 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

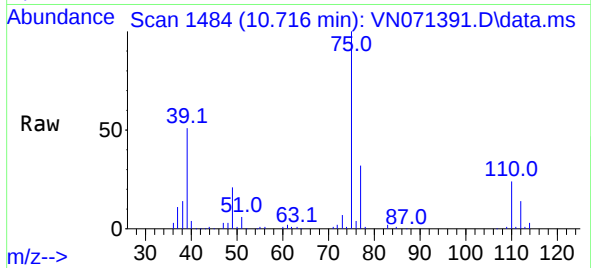
Tgt Ion: 92 Resp: 335336
Ion Ratio Lower Upper
92 100
91 171.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.631 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

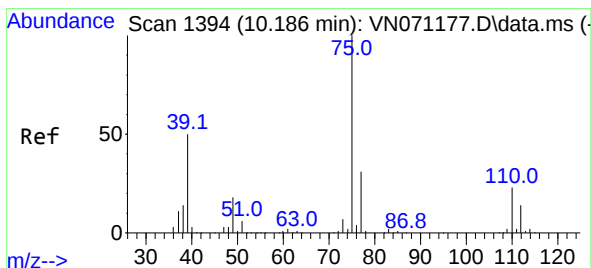
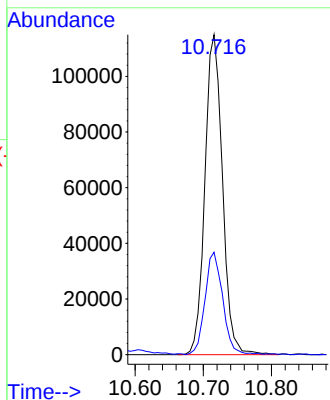
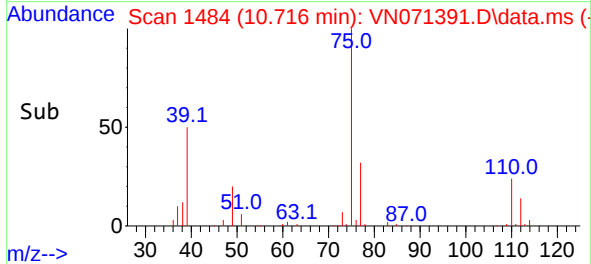
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



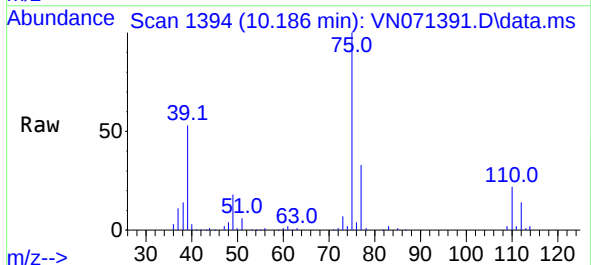
Tgt Ion: 75 Resp: 206275
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
APPROVED

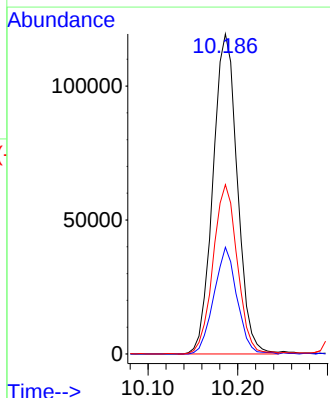
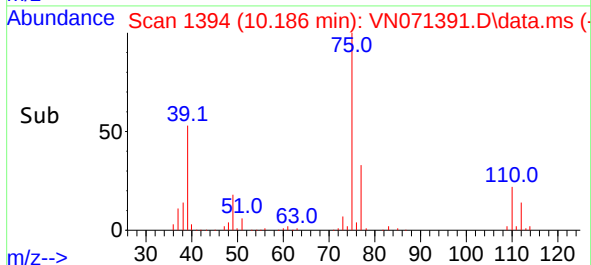
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

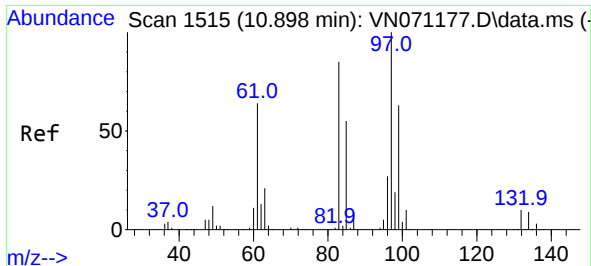


#54
cis-1,3-Dichloropropene
Concen: 19.610 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



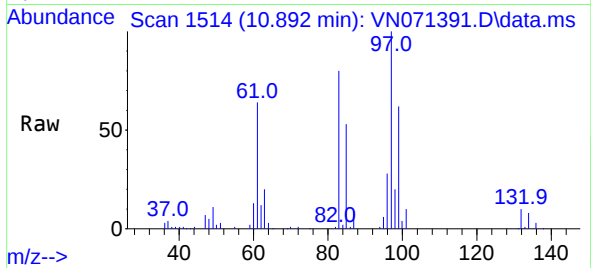
Tgt Ion: 75 Resp: 225151
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
39 52.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.967 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

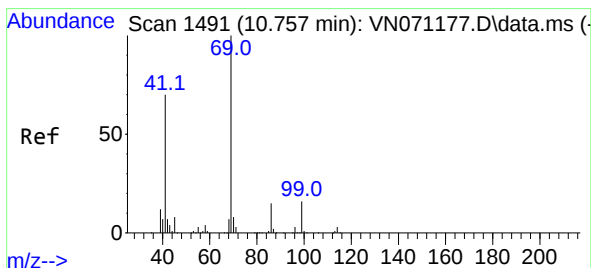
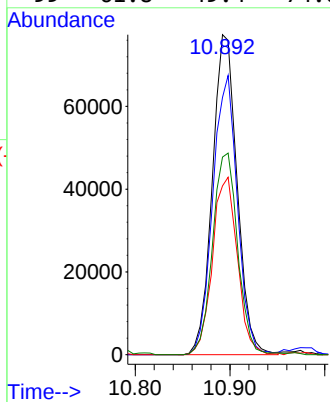
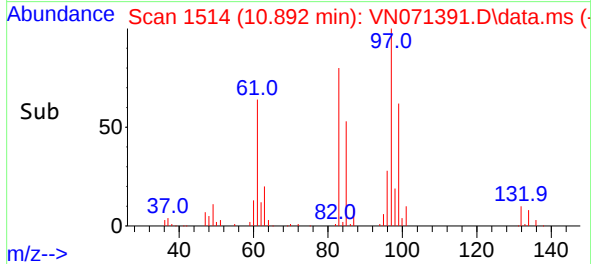


Tgt Ion: 97 Resp: 140650

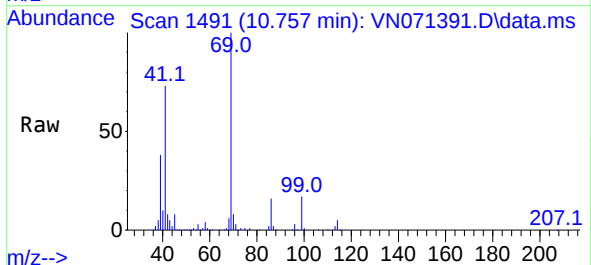
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.8	101.6
85	52.7	45.4	68.2
99	61.8	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

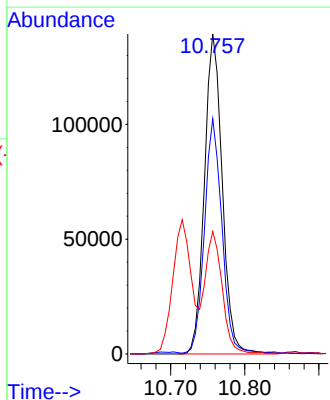
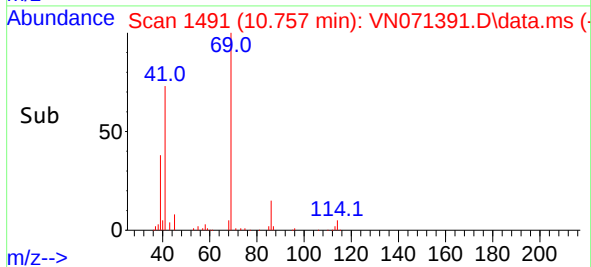


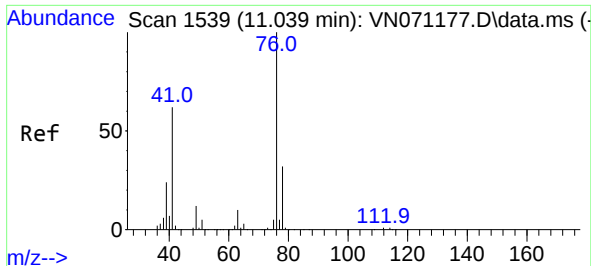
#56
Ethyl methacrylate
Concen: 20.264 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion: 69 Resp: 233110

Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.4	77.0
39	35.4	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.858 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071391.D

Acq: 19 Mar 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 76 Resp: 251078

Ion Ratio Lower Upper

76 100

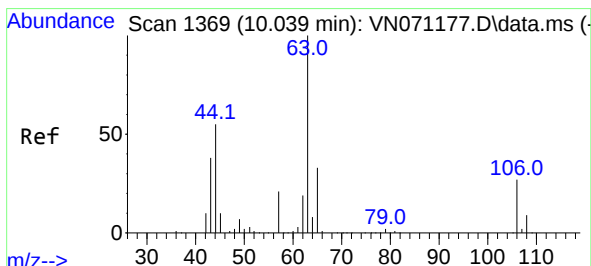
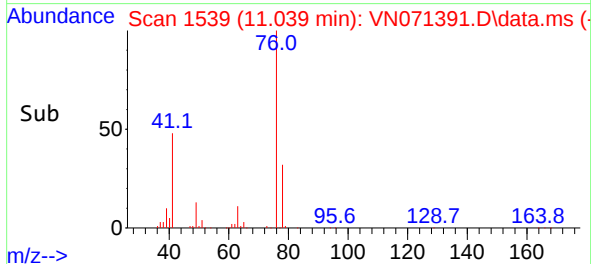
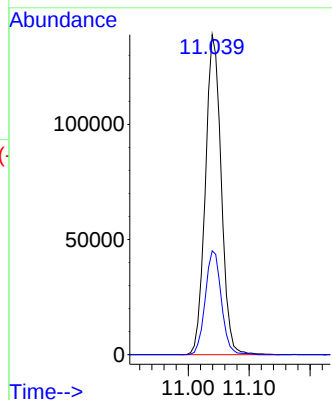
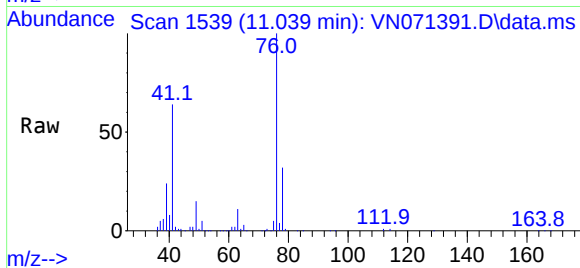
78 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 114.321 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071391.D

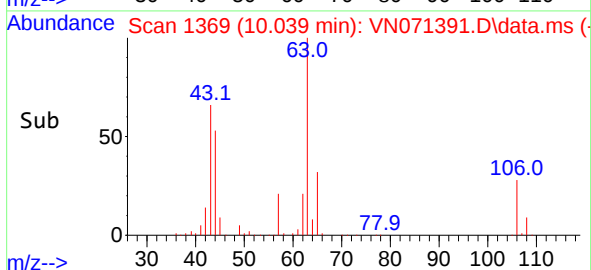
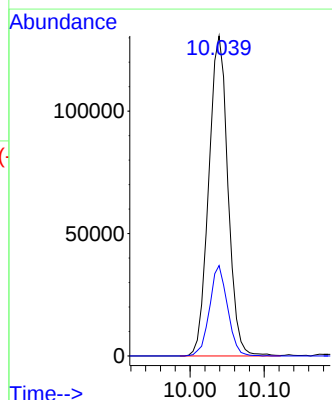
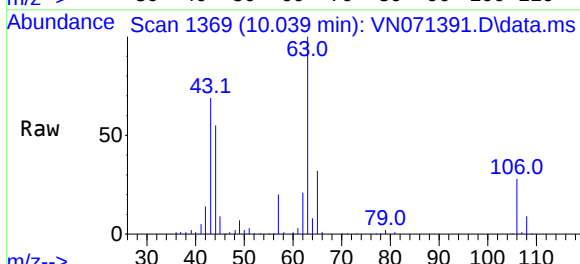
Acq: 19 Mar 2022 12:29

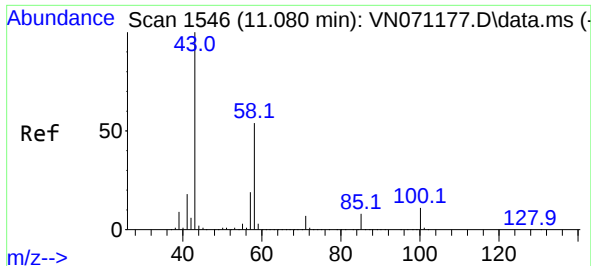
Tgt Ion: 63 Resp: 235163

Ion Ratio Lower Upper

63 100

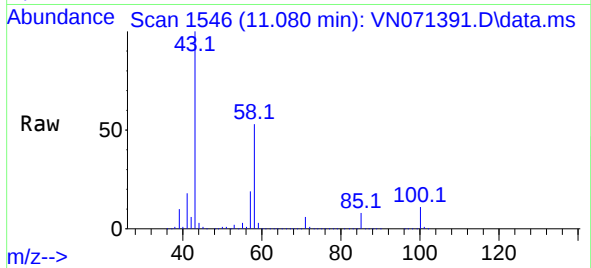
106 26.5 23.9 35.9





#59
2-Hexanone
Concen: 115.109 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

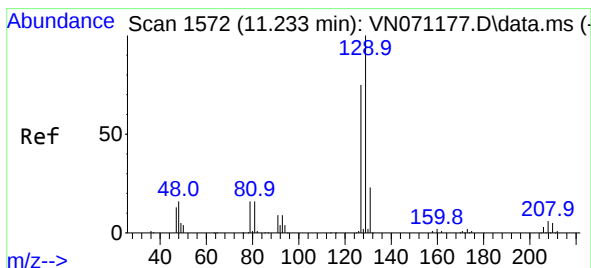
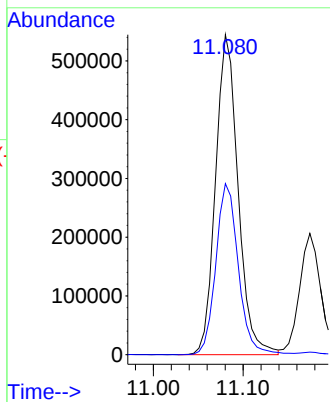
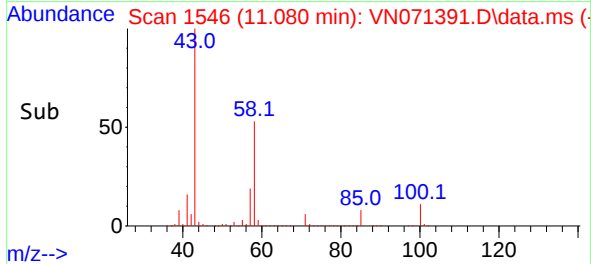
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



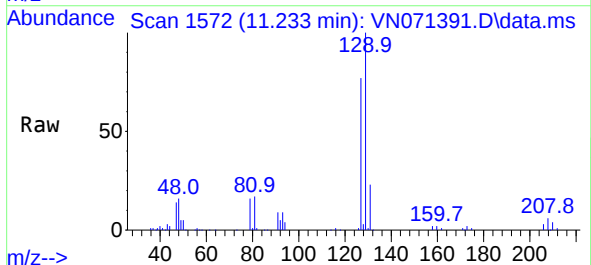
Tgt Ion: 43 Resp: 950494
Ion Ratio Lower Upper
43 100
58 53.3 26.9 80.7

Manual Integrations
APPROVED

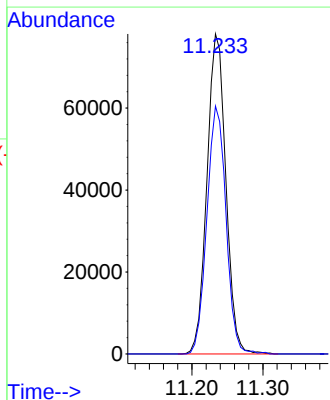
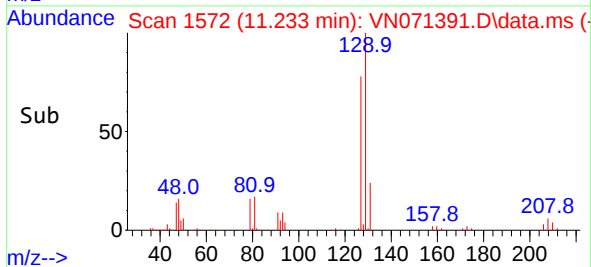
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

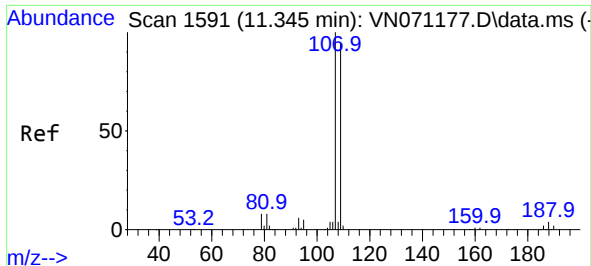


#60
Dibromochloromethane
Concen: 20.629 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



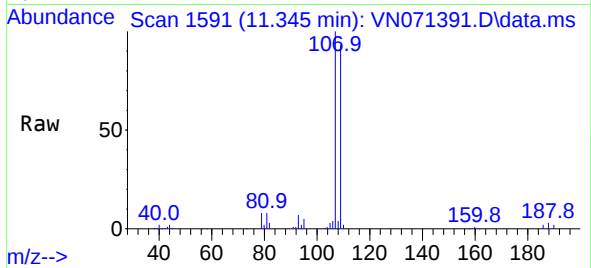
Tgt Ion:129 Resp: 144381
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.732 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

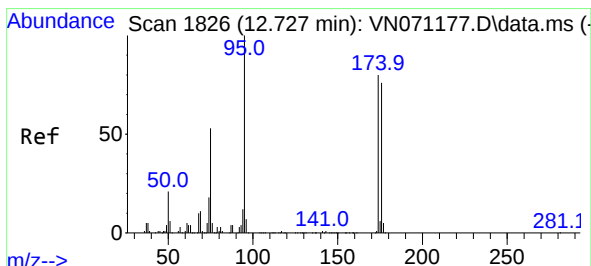
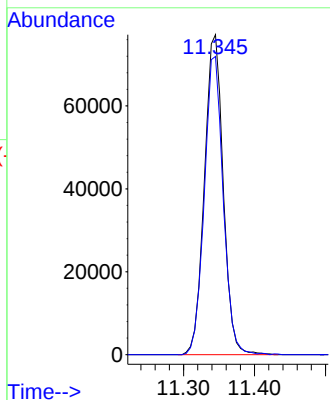
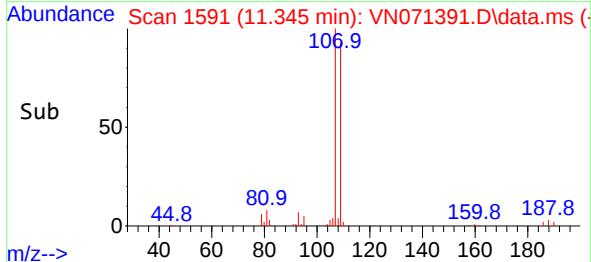
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



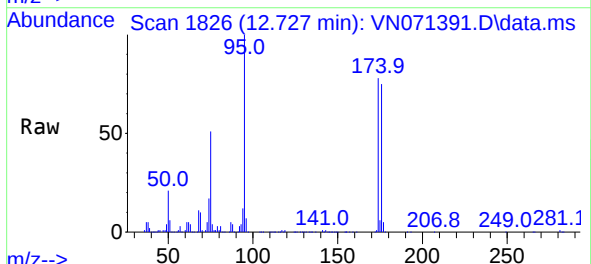
Tgt Ion:107 Resp: 142060
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
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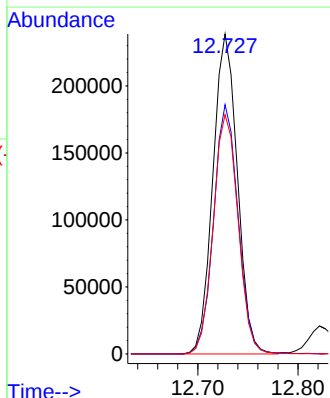
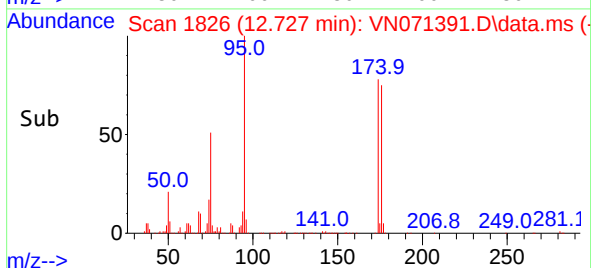
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

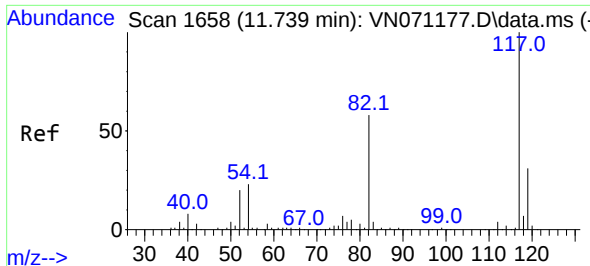


#62
4-Bromofluorobenzene
Concen: 50.221 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



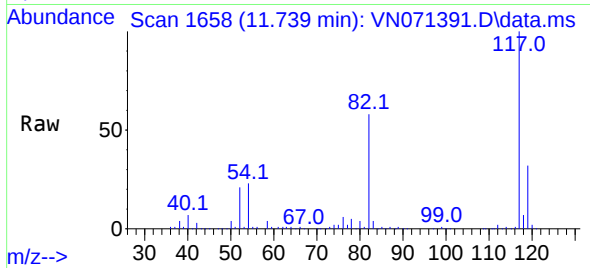
Tgt Ion: 95 Resp: 404923
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

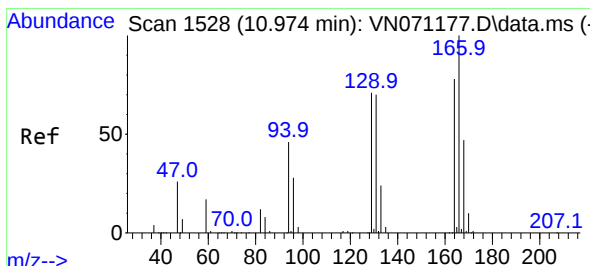
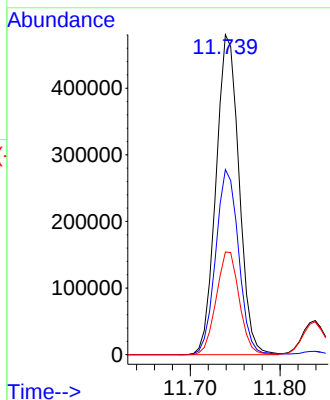
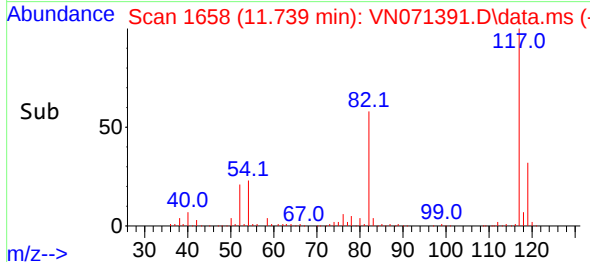
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



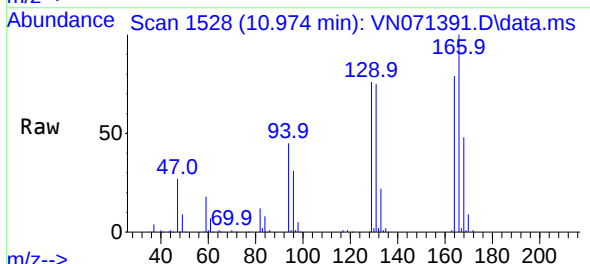
Tgt Ion:117 Resp: 855710
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

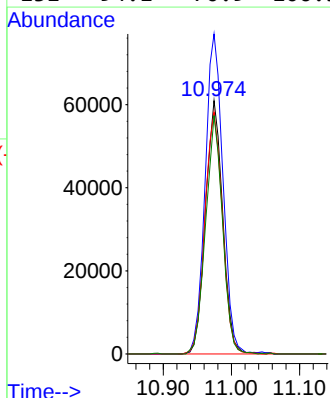
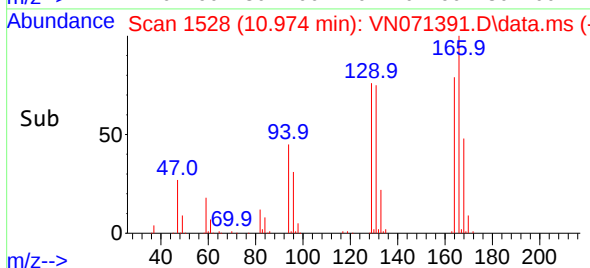
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#64
Tetrachloroethene
Concen: 18.076 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion:164 Resp: 107878
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 95.4 72.0 108.0
131 94.1 70.9 106.3





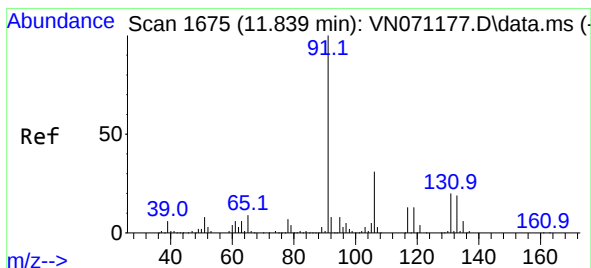
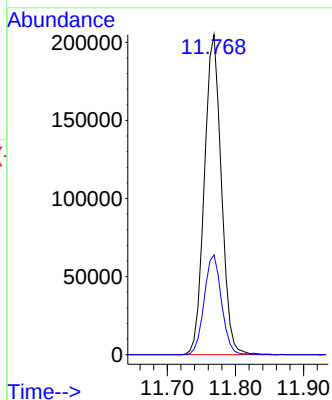
#65
Chlorobenzene
Concen: 19.304 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion:112 Resp: 354740
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

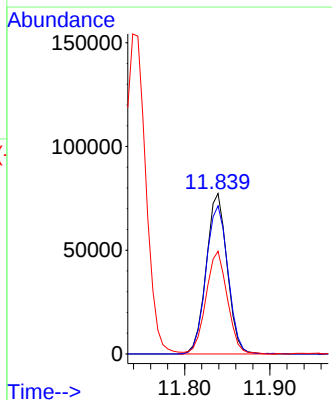
Manual Integrations
APPROVED

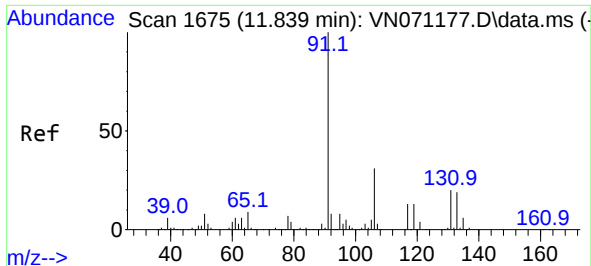
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.606 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

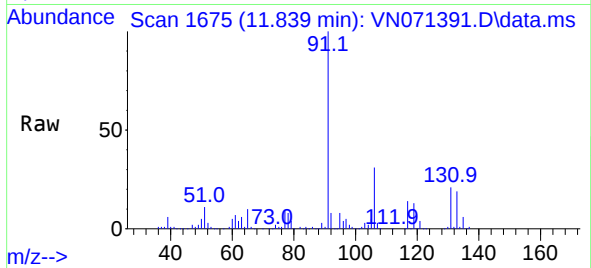
Tgt Ion:131 Resp: 132109
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 19.177 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

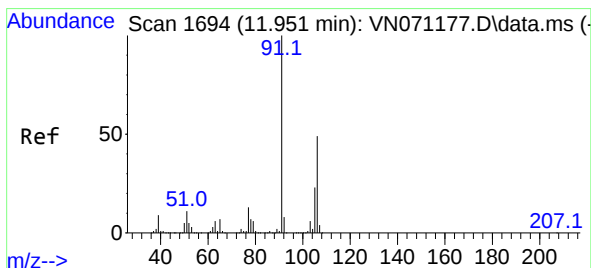
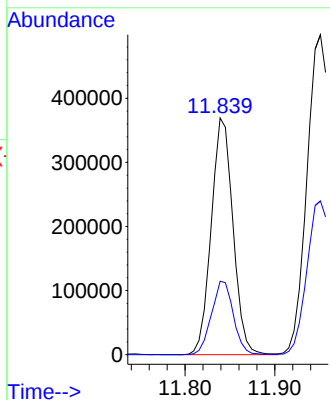
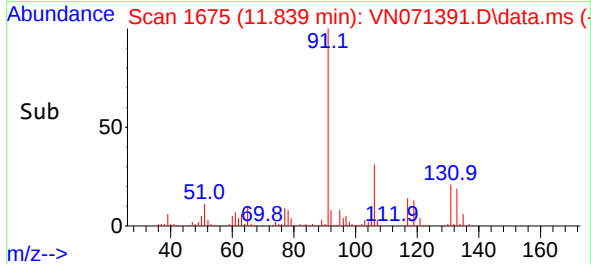
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



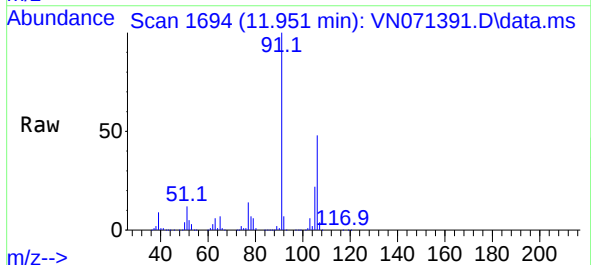
Tgt Ion: 91 Resp: 623119
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

Manual Integrations
APPROVED

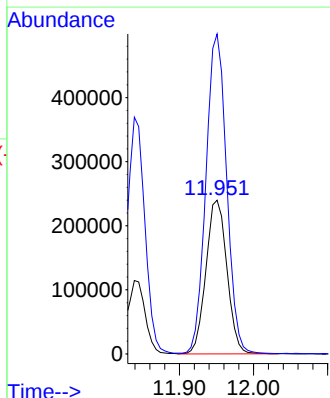
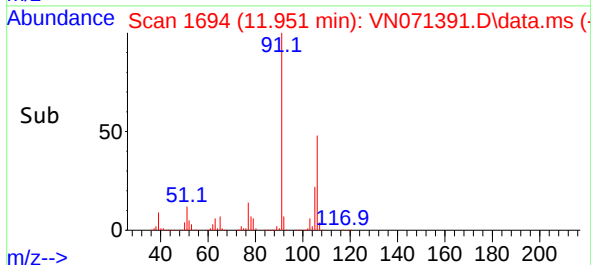
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

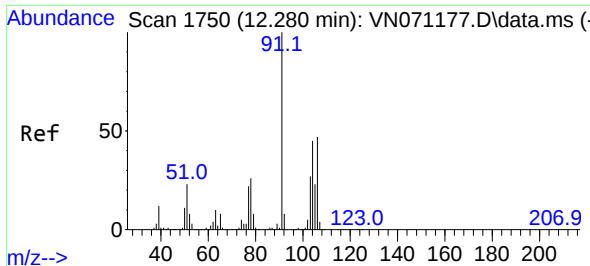


#68
m/p-Xylenes
Concen: 39.665 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



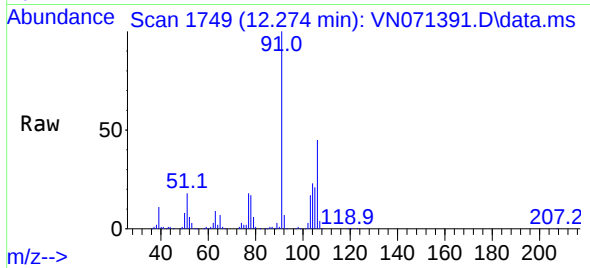
Tgt Ion:106 Resp: 471491
Ion Ratio Lower Upper
106 100
91 204.7 160.6 240.8





#69
o-Xylene
Concen: 19.770 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

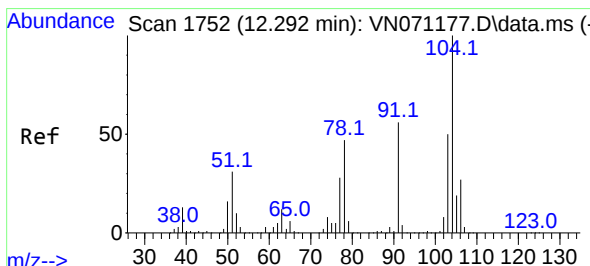
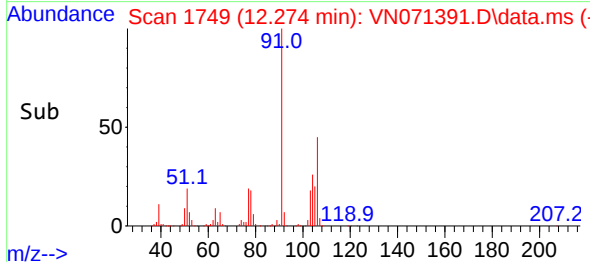
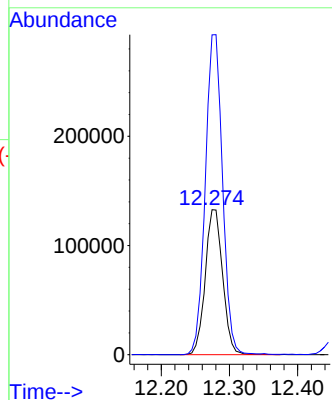
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion:106 Resp: 23556
Ion Ratio Lower Upper
106 100
91 218.7 105.8 317.3

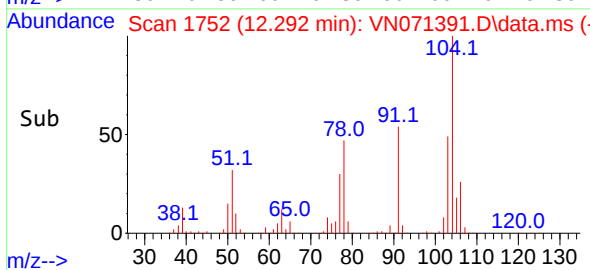
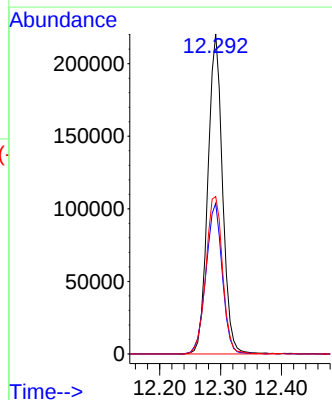
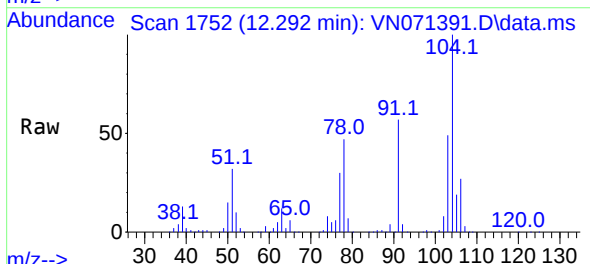
Manual Integrations
APPROVED

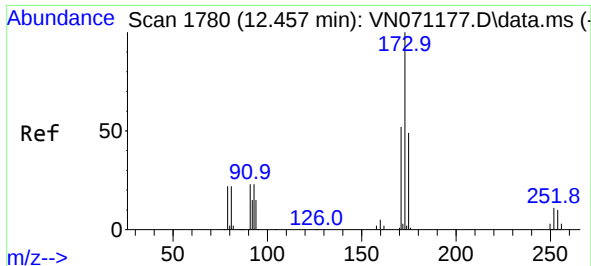
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
Styrene
Concen: 20.047 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

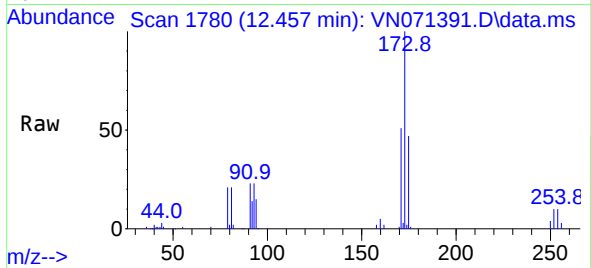
Tgt Ion:104 Resp: 369741
Ion Ratio Lower Upper
104 100
78 52.1 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 21.527 ug/l
RT: 12.457 min Scan# 173
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

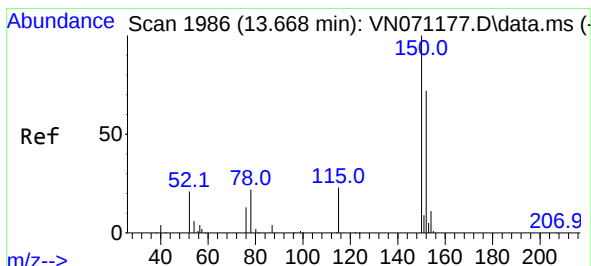
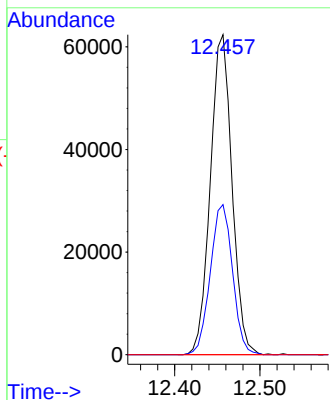
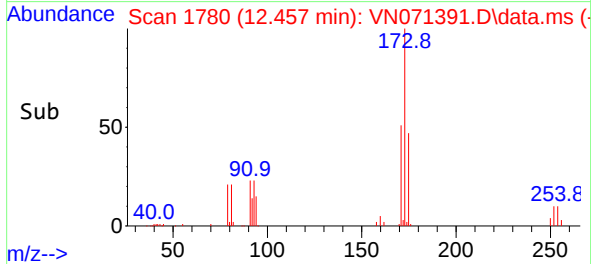
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



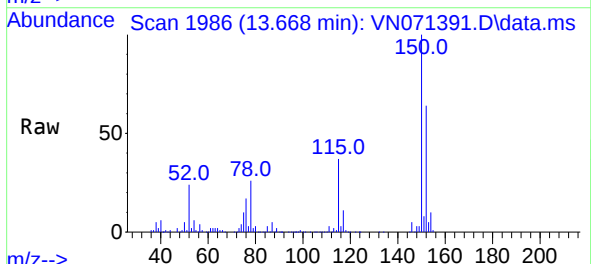
Tgt Ion:173 Resp: 110158
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

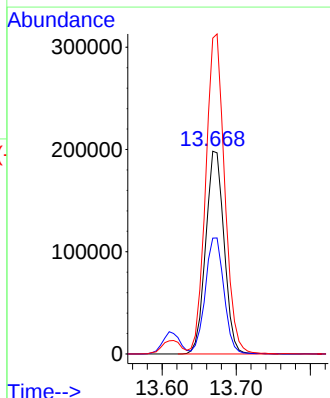
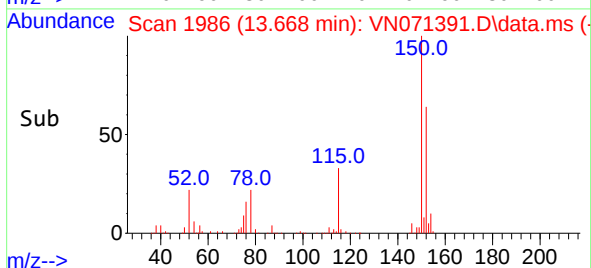
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

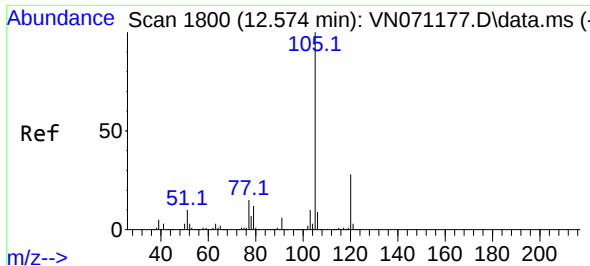


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion:152 Resp: 342283
Ion Ratio Lower Upper
152 100
115 58.3 27.5 82.5
150 162.8 0.0 344.4





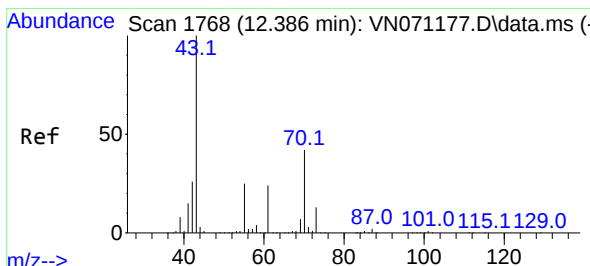
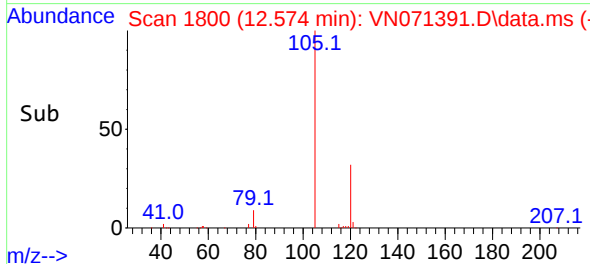
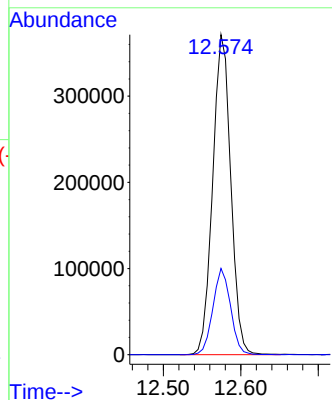
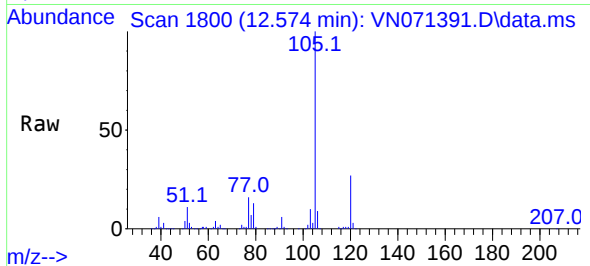
#73
Isopropylbenzene
Concen: 18.262 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion:105 Resp: 602554
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

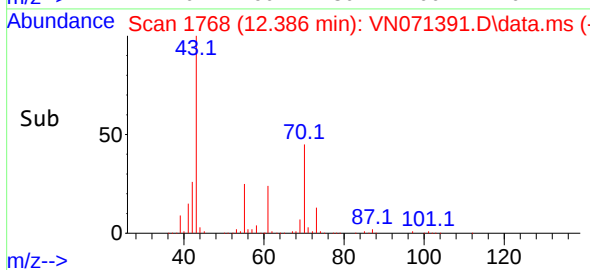
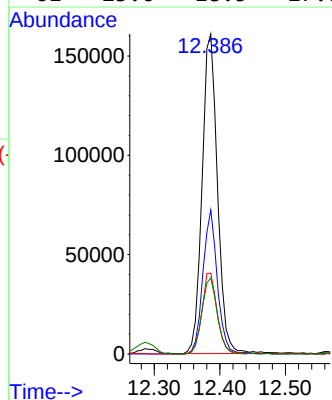
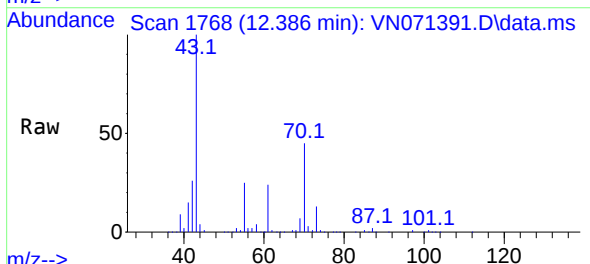
Manual Integrations
APPROVED

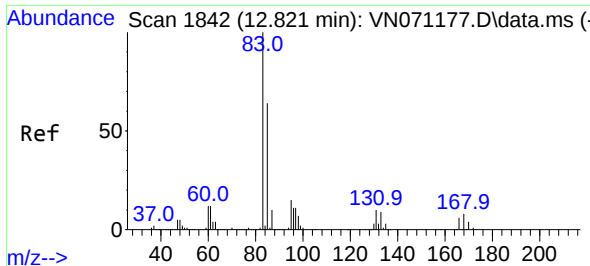
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#74
N-ethyl acetate
Concen: 21.223 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

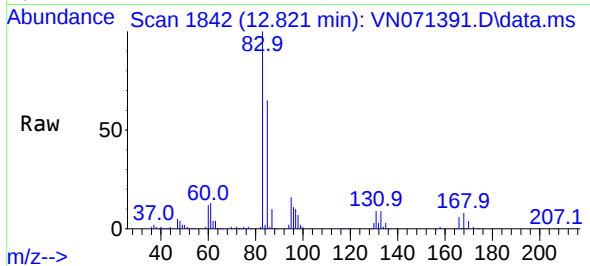
Tgt Ion: 43 Resp: 263304
Ion Ratio Lower Upper
43 100
70 42.4 33.4 50.0
55 25.3 19.3 28.9
61 23.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.961 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

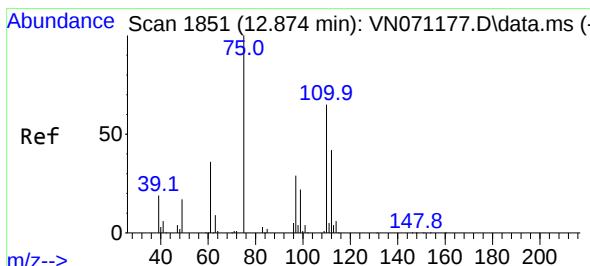
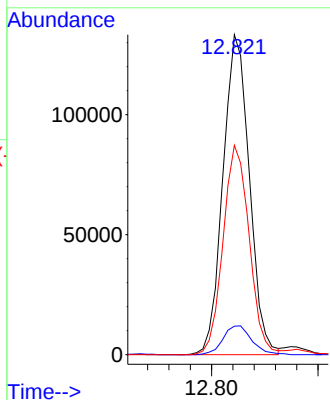
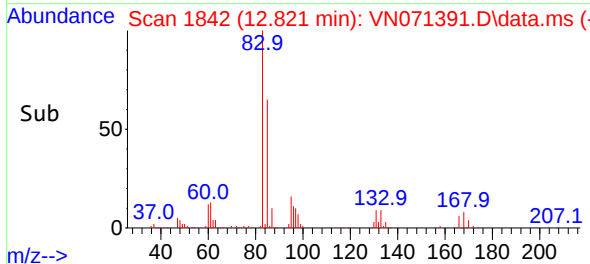
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



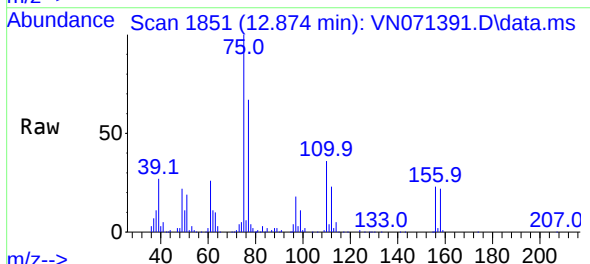
Tgt Ion: 83 Resp: 229418
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.7 32.4 97.2

Manual Integrations
APPROVED

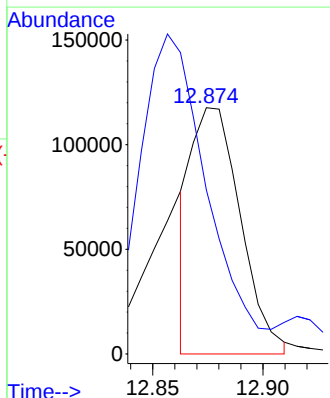
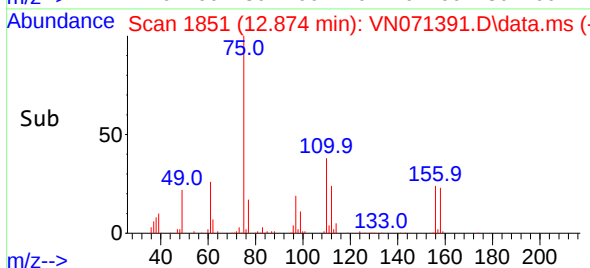
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

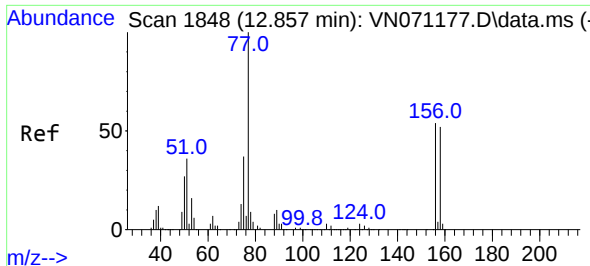


#76
1,2,3-Trichloropropane
Concen: 20.322 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



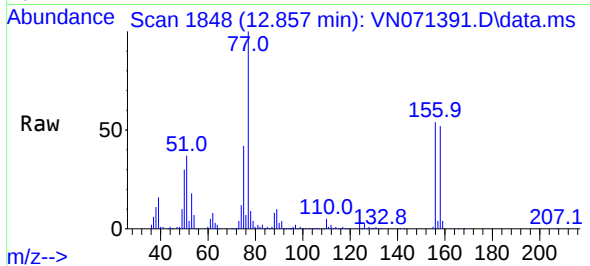
Tgt Ion: 75 Resp: 182482
Ion Ratio Lower Upper
75 100
77 180.8 82.6 247.8





#77
Bromobenzene
Concen: 18.436 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

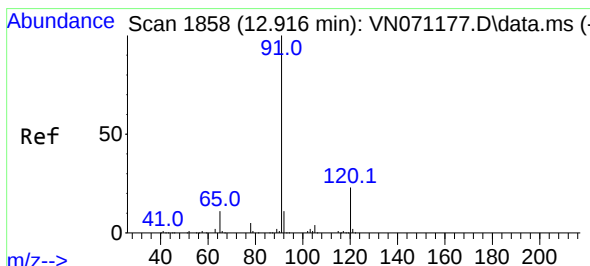
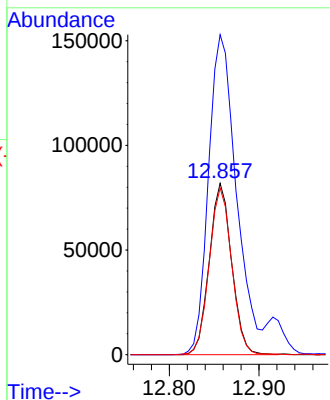
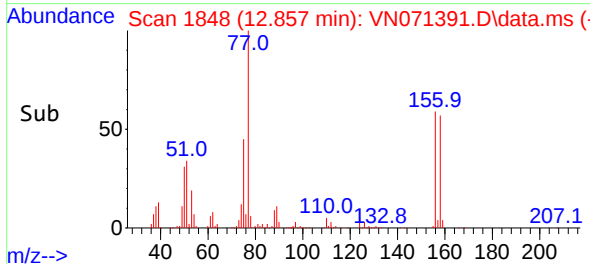
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



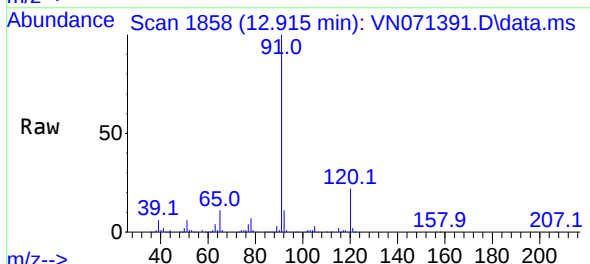
Tgt Ion:156 Resp: 14185
Ion Ratio Lower Upper
156 100
77 232.5 90.6 271.8
158 97.6 48.9 146.7

Manual Integrations
APPROVED

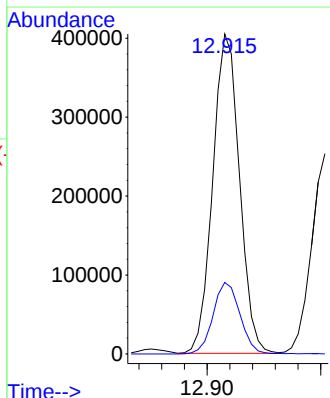
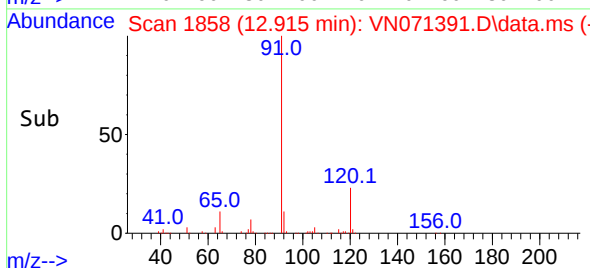
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

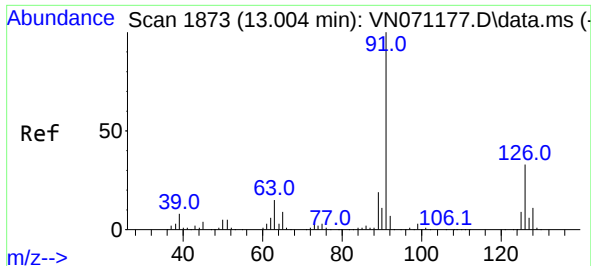


#78
n-propylbenzene
Concen: 18.644 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion: 91 Resp: 660123
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





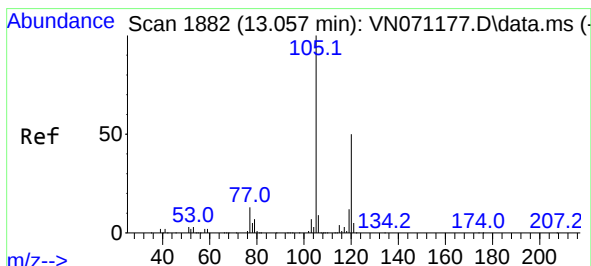
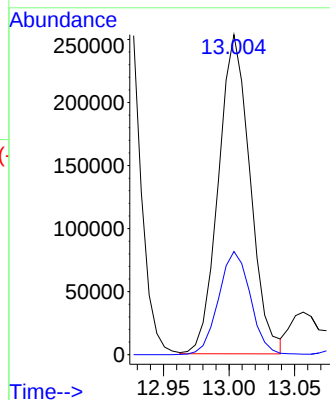
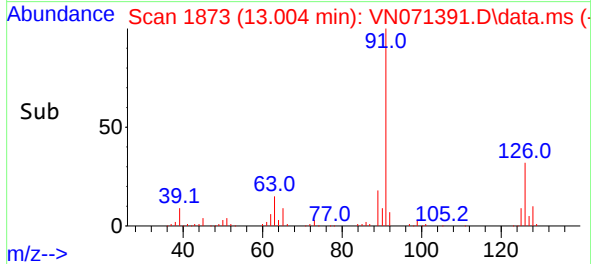
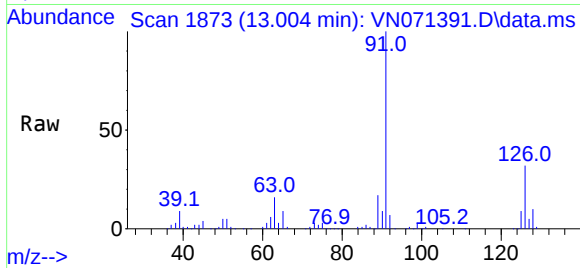
#79
2-Chlorotoluene
Concen: 18.734 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 91 Resp: 425802
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

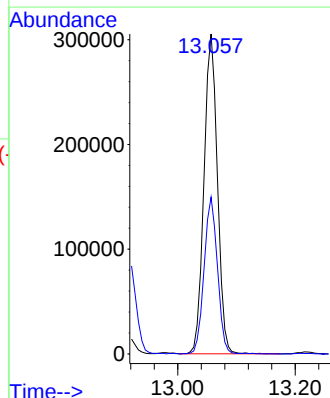
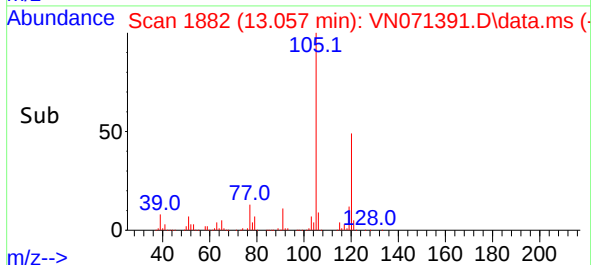
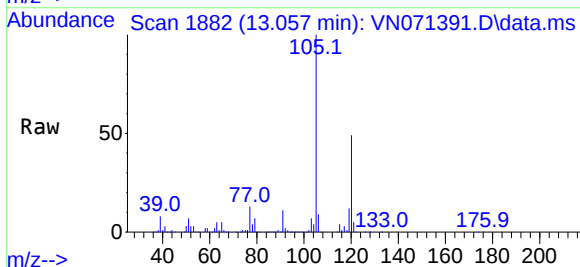
Manual Integrations
APPROVED

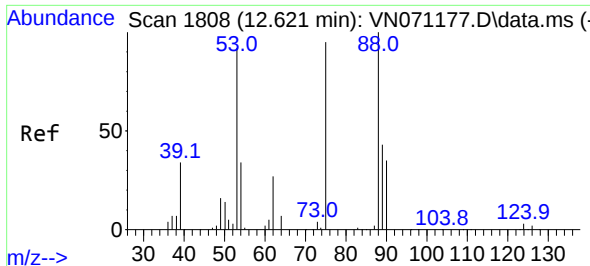
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.831 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion:105 Resp: 483396
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6





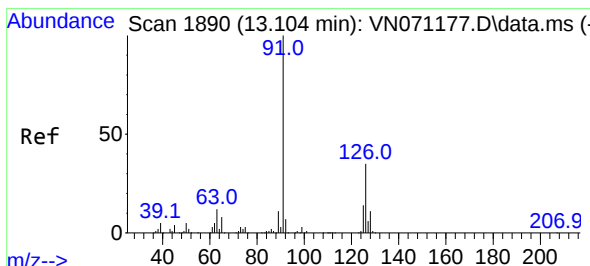
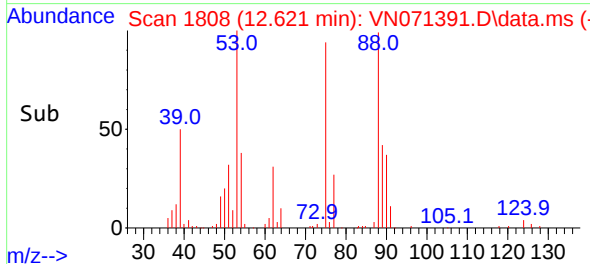
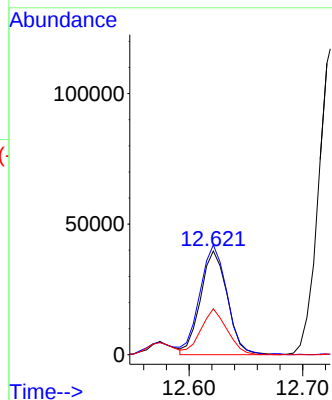
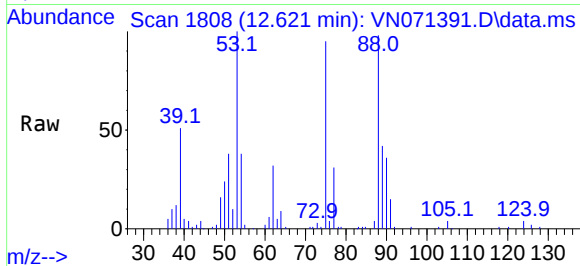
#81
trans-1,4-Dichloro-2-butene
Concen: 20.562 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 75 Resp: 6510
Ion Ratio Lower Upper
75 100
53 106.6 90.5 135.7
89 43.5 38.2 57.4

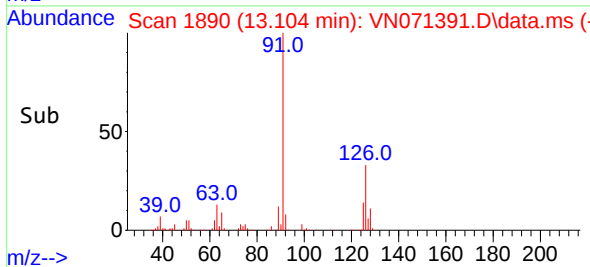
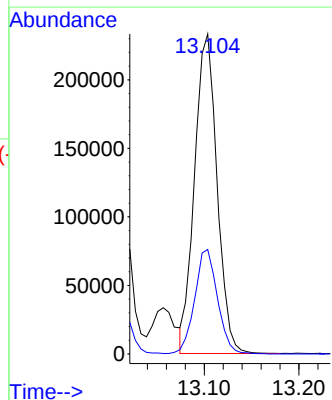
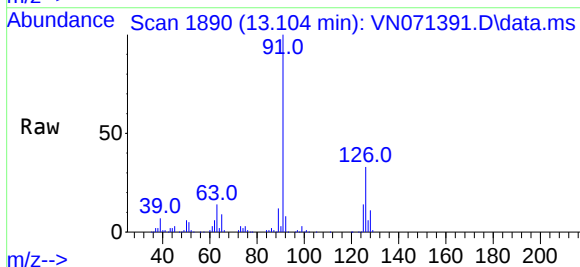
Manual Integrations
APPROVED

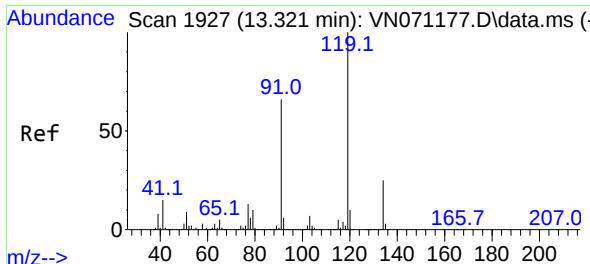
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#82
4-Chlorotoluene
Concen: 18.960 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion: 91 Resp: 383837
Ion Ratio Lower Upper
91 100
126 33.3 18.2 54.6





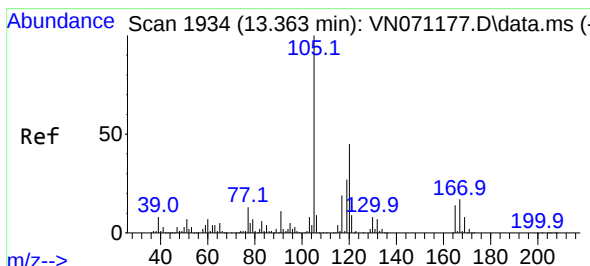
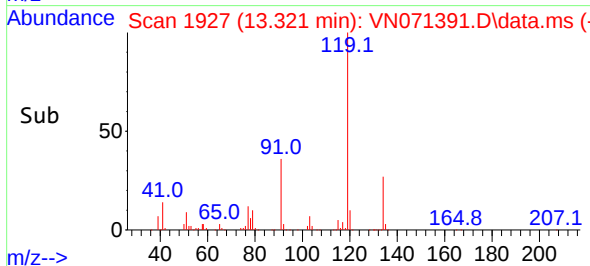
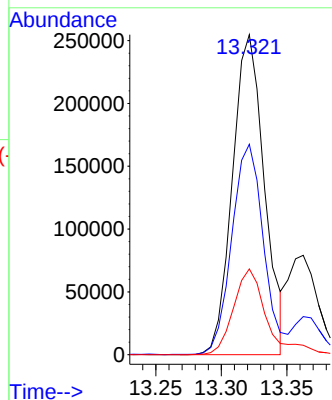
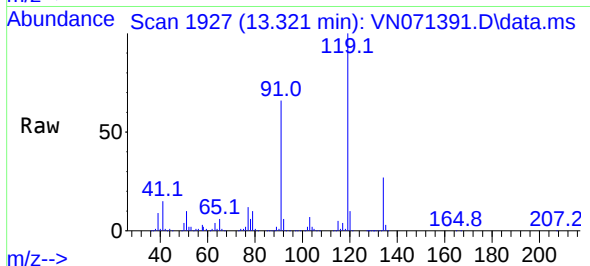
#83
tert-Butylbenzene
Concen: 18.839 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion:119 Resp: 43158
Ion Ratio Lower Upper
119 100
91 65.9 31.5 94.5
134 27.9 12.4 37.4

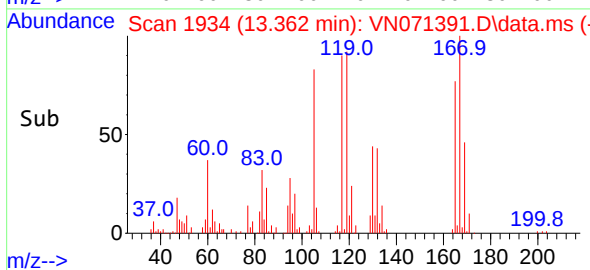
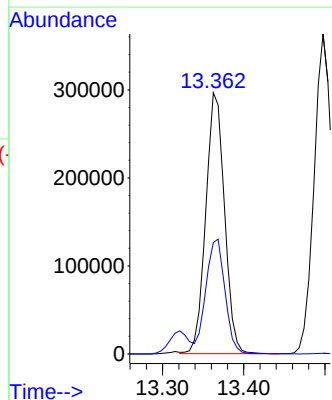
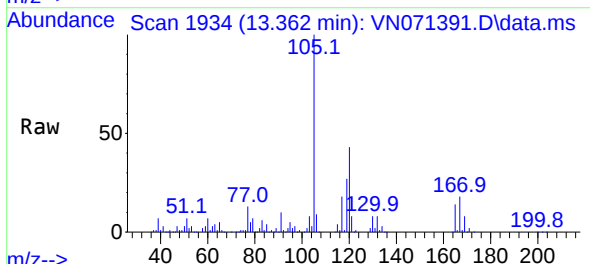
Manual Integrations
APPROVED

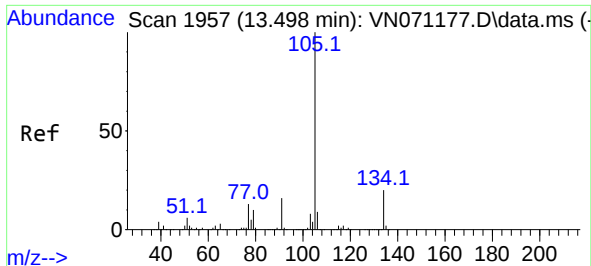
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.304 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Tgt Ion:105 Resp: 474655
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





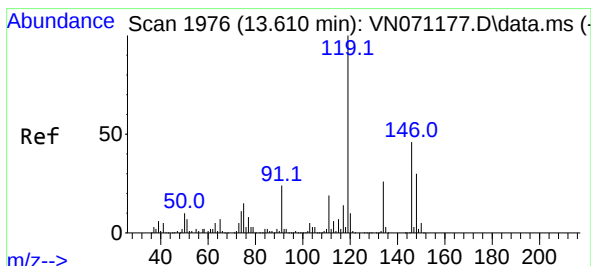
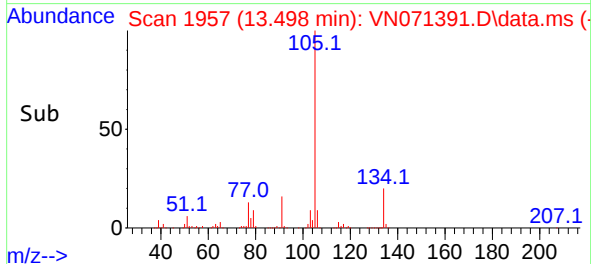
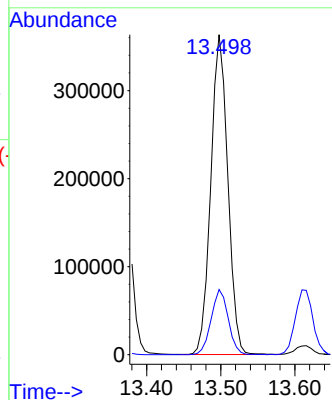
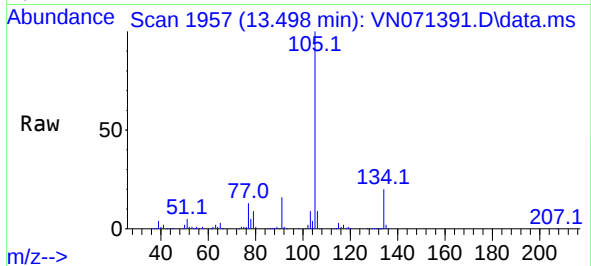
#85
 sec-Butylbenzene
 Concen: 19.000 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071391.D
 Acq: 19 Mar 2022 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Tgt Ion:105 Resp: 578540
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

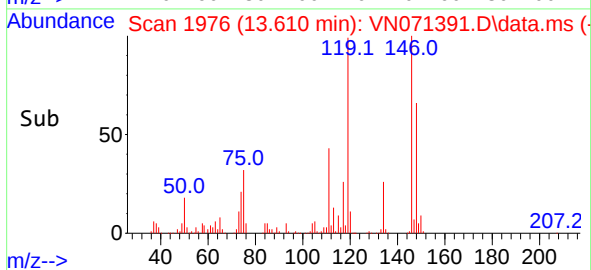
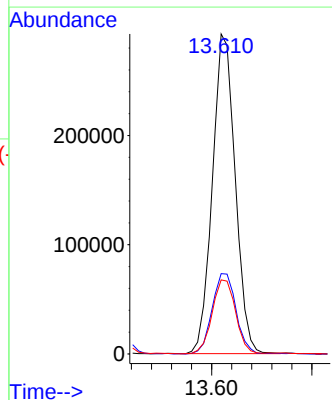
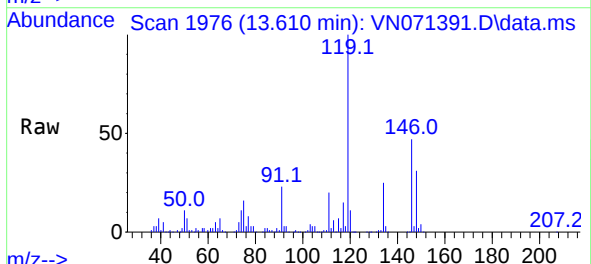
Manual Integrations
 APPROVED

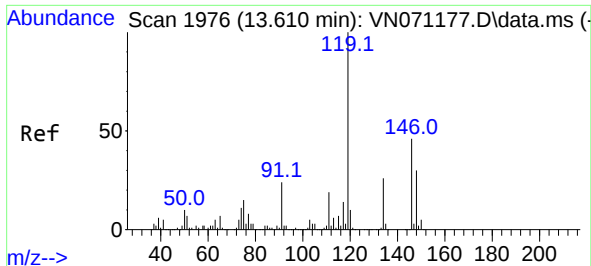
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#86
 p-Isopropyltoluene
 Concen: 19.267 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071391.D
 Acq: 19 Mar 2022 12:29

Tgt Ion:119 Resp: 461380
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 23.7 11.4 34.1





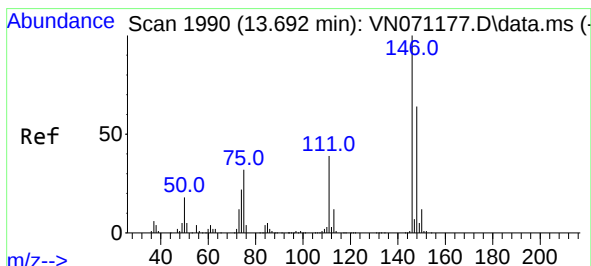
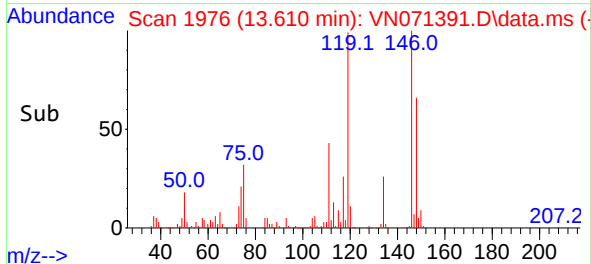
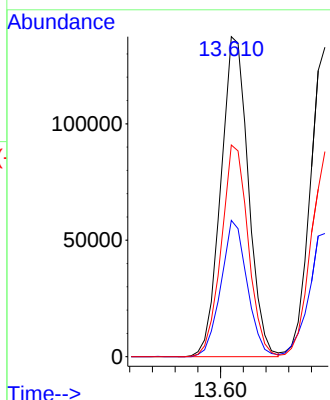
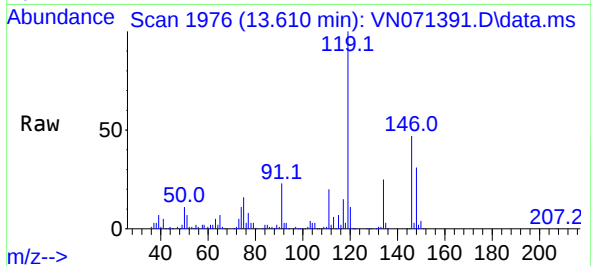
#87
1,3-Dichlorobenzene
Concen: 18.484 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion:146 Resp: 231085
Ion Ratio Lower Upper
146 100
111 40.7 18.6 55.6
148 64.5 31.6 95.0

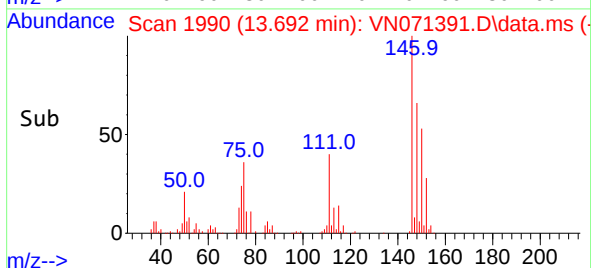
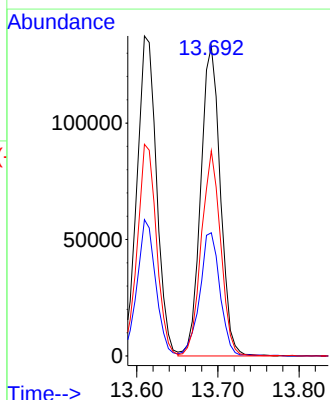
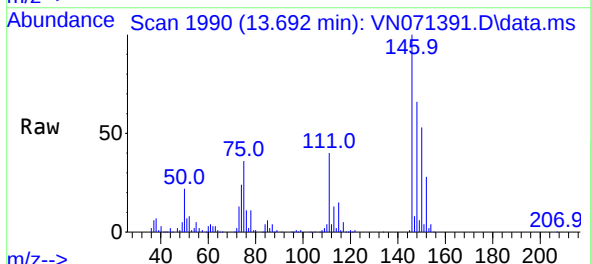
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#88
1,4-Dichlorobenzene
Concen: 18.249 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

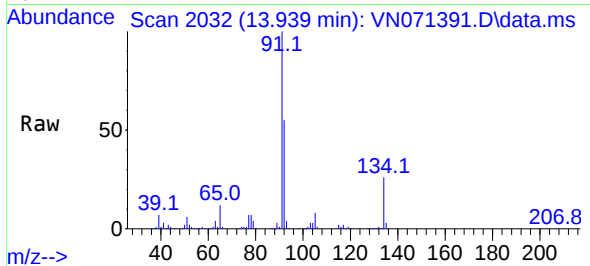
Tgt Ion:146 Resp: 223009
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 65.4 31.8 95.4





#89
n-Butylbenzene
Concen: 18.063 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

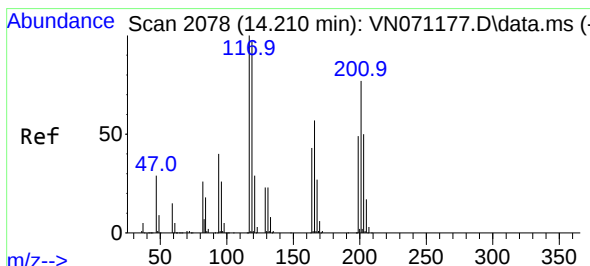
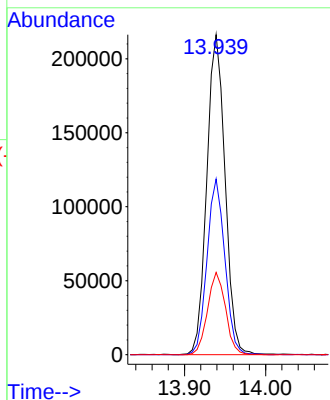
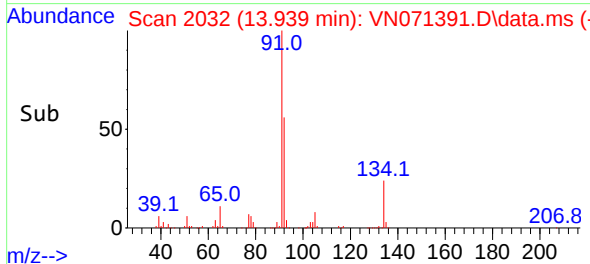
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 91 Resp: 338314
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 25.3 13.6 40.8

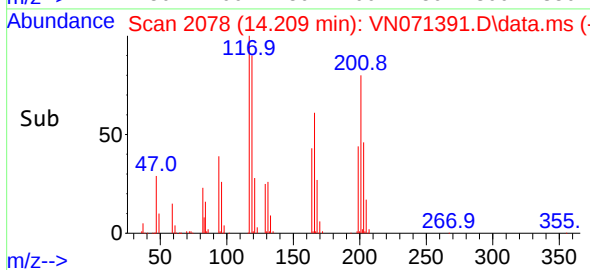
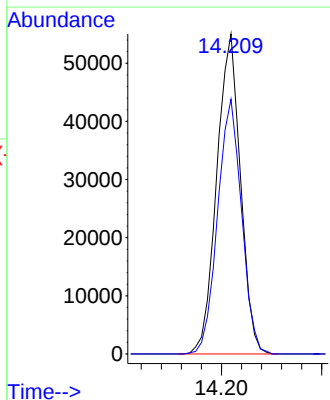
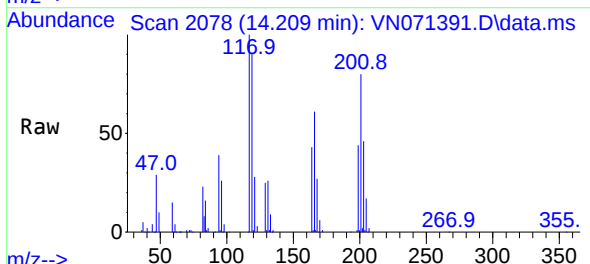
Manual Integrations
APPROVED

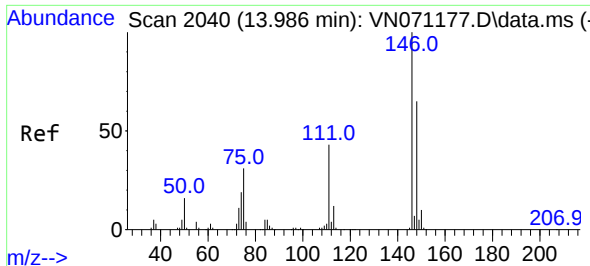
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 18.922 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

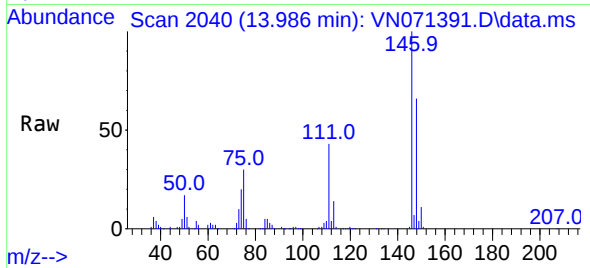
Tgt Ion:117 Resp: 90109
Ion Ratio Lower Upper
117 100
201 80.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.272 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

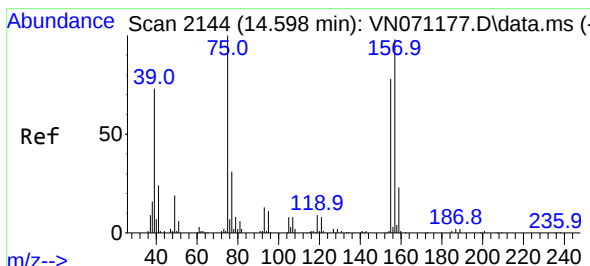
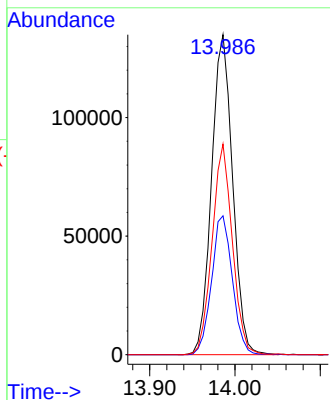
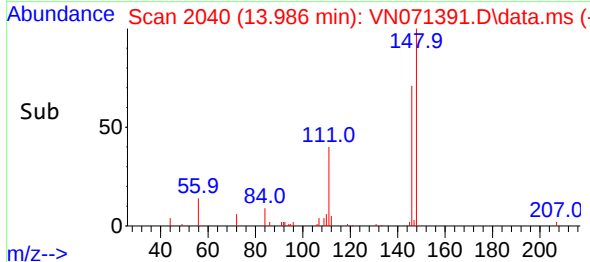
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



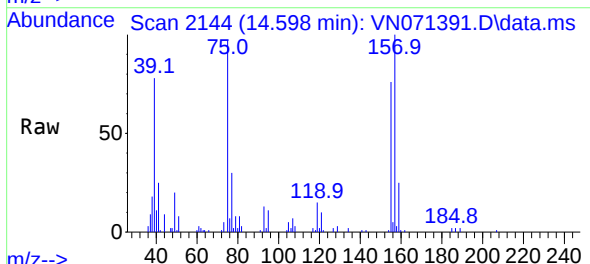
Tgt Ion:146 Resp: 231629
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.4 32.1 96.3

Manual Integrations
APPROVED

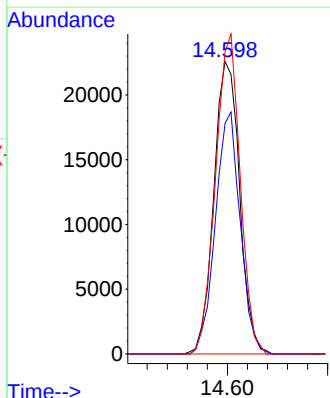
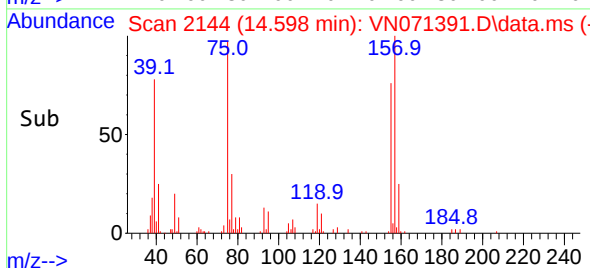
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

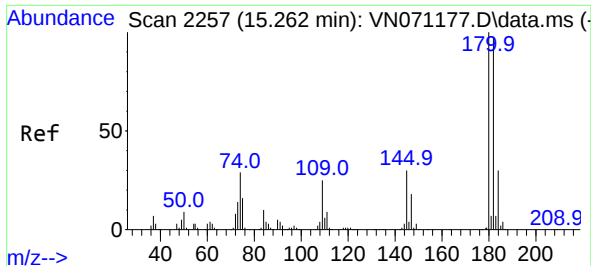


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.960 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



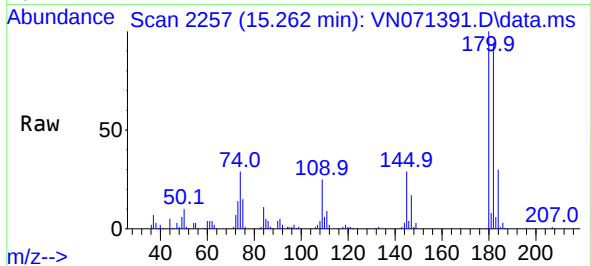
Tgt Ion: 75 Resp: 40240
Ion Ratio Lower Upper
75 100
155 79.7 46.9 140.7
157 104.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.961 ug/l
RT: 15.262 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

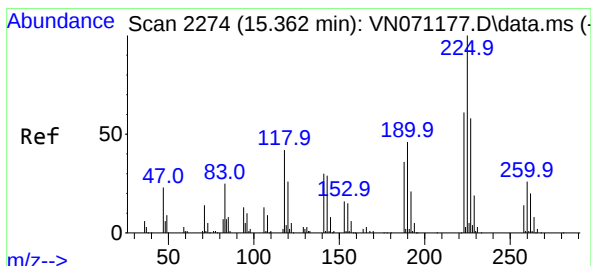
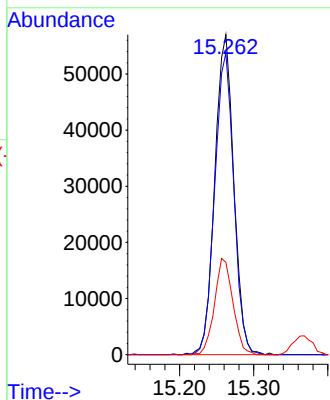
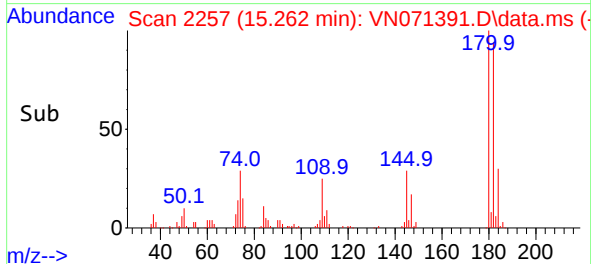
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



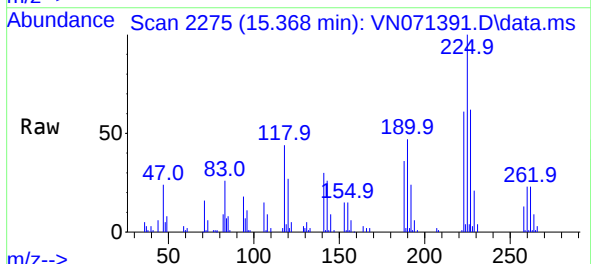
Tgt Ion:180 Resp: 101258
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 29.3 14.5 43.5

Manual Integrations
APPROVED

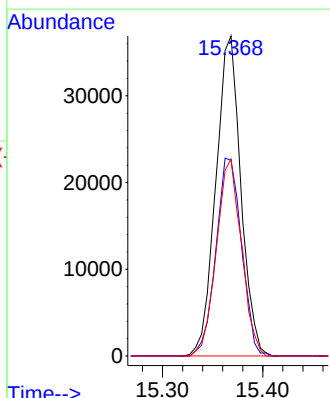
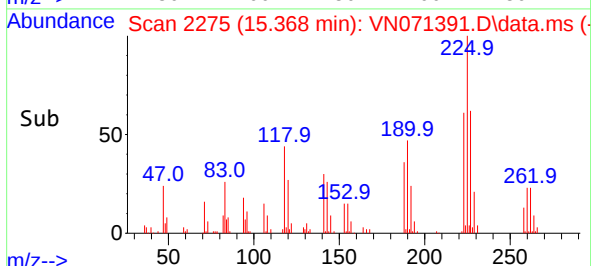
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#94
Hexachlorobutadiene
Concen: 18.876 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



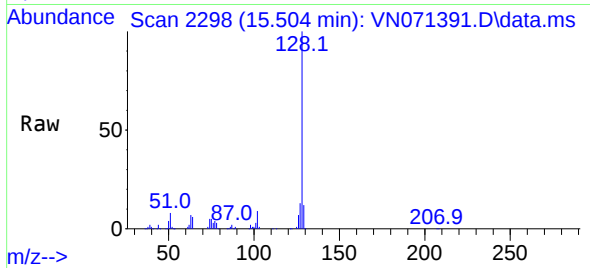
Tgt Ion:225 Resp: 63689
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 61.6 32.1 96.3





#95
Naphthalene
Concen: 21.559 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29

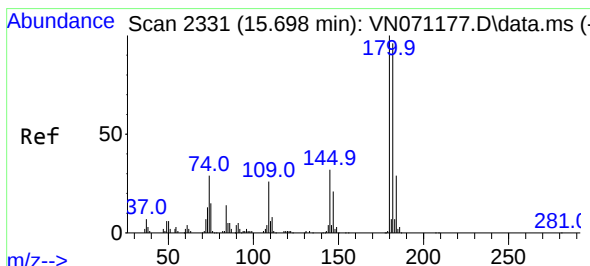
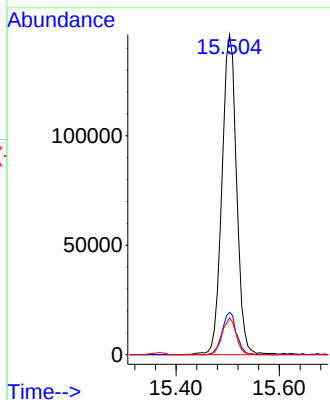
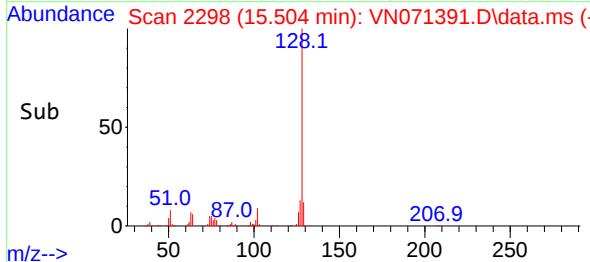
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



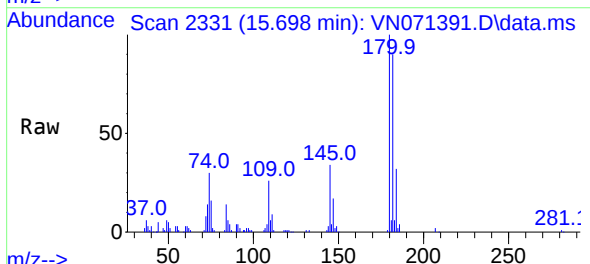
Tgt Ion:128 Resp: 287960
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.655 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071391.D
Acq: 19 Mar 2022 12:29



Tgt Ion:180 Resp: 101881
Ion Ratio Lower Upper
180 100
182 93.3 47.4 142.2
145 32.2 15.0 45.1

