

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071348.D
 Acq On : 17 Mar 2022 13:31
 Operator : JC\MD
 Sample : VN0317WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 17 13:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	112364	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	634086	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	565522	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	266158	29.835	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.433%
60) 4-Bromofluorobenzene	12.727	95	258383	29.574	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.567%
63) Toluene-d8	10.439	98	805094	30.947	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	150778	20.753	ug/l	100
3) Chloromethane	2.299	50	186392	19.230	ug/l	96
4) Vinyl Chloride	2.440	62	176709	19.852	ug/l	98
5) Bromomethane	2.846	94	101202	22.685	ug/l	96
6) Chloroethane	3.010	64	112636	20.793	ug/l	98
7) Trichlorofluoromethane	3.369	101	224539	20.002	ug/l	97
8) Diethyl Ether	3.822	74	95128	19.509	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	130790	20.718	ug/l #	68
10) 1,1-Dichloroethene	4.181	96	125141	19.480	ug/l	92
11) Methyl Iodide	4.422	142	172994	19.556	ug/l	93
12) Methyl Acetate	4.851	43	233275	18.974	ug/l	92
13) Acrolein	4.040	56	164725	102.188	ug/l	100
14) Acrylonitrile	5.551	53	475063	92.683	ug/l	98
15) Acetone	4.281	58	127279	94.463	ug/l	93
16) Carbon Disulfide	4.534	76	343540	19.775	ug/l	98
17) Allyl chloride	4.840	41	263912	19.935	ug/l	80
18) Methylene Chloride	5.098	84	154923	19.778	ug/l	89
19) trans-1,2-Dichloroethene	5.592	96	135403	20.054	ug/l	90
20) Diisopropyl ether	6.492	45	527021	19.780	ug/l	92
21) 1,1-Dichloroethane	6.381	63	285018	20.102	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	160957	19.667	ug/l	94
23) tert-Butyl Alcohol	5.363	59	165479	87.281	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	488975m	19.943	ug/l	
25) Chloroform	7.816	83	267715	19.660	ug/l	98
26) Cyclohexane	8.098	56	257687	20.078	ug/l #	91
29) 1,1-Dichloropropene	8.216	75	203038	19.897	ug/l	96
30) 2-Butanone	7.334	43	667281	92.349	ug/l	94
31) 2,2-Dichloropropane	7.322	77	232056	24.258	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	232952	19.576	ug/l	97
33) Carbon Tetrachloride	8.204	117	200327	19.799	ug/l	96
34) Benzene	8.457	78	622668	19.714	ug/l	97
35) Methacrylonitrile	7.633	41	140733	20.103	ug/l	91
36) 1,2-Dichloroethane	8.528	62	226469	20.077	ug/l	99
37) Trichloroethene	9.216	130	149378	19.846	ug/l	96
38) Methylcyclohexane	9.457	83	256872	20.975	ug/l	94
39) 1,2-Dichloropropane	9.486	63	165720	19.792	ug/l	99
40) Dibromomethane	9.575	93	106728	20.150	ug/l	91
41) Bromodichloromethane	9.757	83	211426	19.797	ug/l	94
42) Vinyl Acetate	6.428	43	2341232	99.154	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	273003	19.428	ug/l	99
44) Isopropyl Acetate	8.557	43	421379	18.648	ug/l	98
45) 1,4-Dioxane	9.563	88	70497	350.328	ug/l	90
46) Methyl methacrylate	9.557	41	197612	19.768	ug/l	83
47) n-amyl Acetate	12.386	43	270136	18.022	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	227434	19.552	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	256894	20.425	ug/l	96
50) 1,1,2-Trichloroethane	10.892	97	151552	19.648	ug/l	98
51) Ethyl methacrylate	10.757	69	248568	18.733	ug/l	88
52) 1,3-Dichloropropane	11.039	76	276184	19.882	ug/l	99
53) Dibromochloromethane	11.233	129	155170	19.298	ug/l	99
54) 1,2-Dibromoethane	11.339	107	154775	19.352	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	326549	81.146	ug/l	98
56) Bromoform	12.451	173	114424	18.451	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	1297913	95.578	ug/l	97
59) 2-Hexanone	11.080	43	938977	93.021	ug/l	98
61) Tetrachloroethene	10.974	164	130268	21.116	ug/l	90
62) Toluene	10.504	91	658055	20.352	ug/l	96
64) Chlorobenzene	11.769	112	390736	19.925	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	148770	20.448	ug/l	100
66) Ethyl Benzene	11.839	91	714290	20.046	ug/l	98
67) m/p-Xylenes	11.951	106	539897	40.320	ug/l	99
68) o-Xylene	12.274	106	264779	19.646	ug/l	99
69) Styrene	12.292	104	423592	19.947	ug/l	98
70) Isopropylbenzene	12.574	105	692756	20.323	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	232328	19.645	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	215139m	20.015	ug/l	
73) Bromobenzene	12.857	156	158076	19.805	ug/l	95
74) n-propylbenzene	12.916	91	749722	19.955	ug/l	100
75) 2-Chlorotoluene	13.004	91	479500	20.360	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	553526	20.457	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	69160	19.431	ug/l	97
78) 4-Chlorotoluene	13.098	91	443723	20.333	ug/l	94
79) tert-butylbenzene	13.321	119	486973	19.707	ug/l	97
80) 1,2,4-Trimethylbenzene	13.363	105	534314m	20.355	ug/l	
81) sec-Butylbenzene	13.498	105	650815	19.786	ug/l	99
82) p-Isopropyltoluene	13.610	119	537831	20.330	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	261474	20.065	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	251231	20.251	ug/l	100
85) n-Butylbenzene	13.939	91	395810	20.094	ug/l	98
86) Hexachloroethane	14.210	117	99104	19.670	ug/l	87
87) 1,2-Dichlorobenzene	13.986	146	255238	20.193	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.604	75	41516	18.280	ug/l	94
89) 1,2,4-Trichlorobenzene	15.257	180	113897	19.459	ug/l	96
90) Hexachlorobutadiene	15.362	225	72818	22.019	ug/l	99
91) Naphthalene	15.504	128	309492	16.894	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	110933	18.480	ug/l	99

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

Manual Integrations

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

Abundance

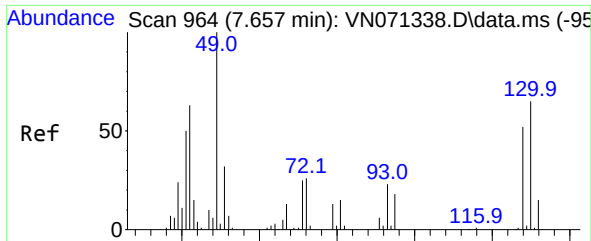
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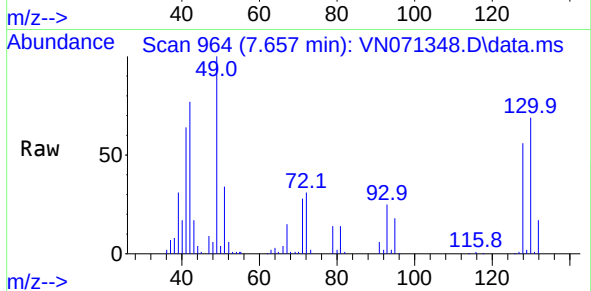
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600000
500000
400000
300000
200000
100000
0

Dichlorodifluoromethane, M
Chloromethane, M
Vinyl Chloride, M
Bromomethane, M
Chloroethane, M
Trichlorofluoromethane, M
Diethyl Ether, T
Acrolein, M
Acetone, M
Carbon Disulfide, M
Methyl Iodide, M
Methylene Chloride, M
tert-Butyl Alcohol, M
Acetylacetone, M
1,1-Dichloroethane, M
Diisopropyl ether, T
Vinyl Acetate, M
2-Bromochloropropane, M
Ethyl Acetate, M
Metachloroaniline, M
Bromochloromethane, M
Chloroform, M
1,1,1-Trichloroethane, M
Cyclohexane, M
1,2-Dichloroethane, M
1,2-Dichloropropane, M
1,4-Difluorobenzene, M
Trichloroethene, M
Bromochloromethane, M
2-Chloroethyl vinyl ether, M
cis-1,3-Dichloropropene, T
Toluene, M
4-Methyl-2-Pentanone, M
2-Hexanone, M
Ethyl Benzoate, M
Chlorobenzene, M
n-Propylbenzene, M
Isopropylbenzene, M
Bromofluorobenzene, S
1,4-Dichlorobenzene, M
1,2-Dichlorobenzene, M
1,3,5-Trimethylbenzene, M
1,2,4-Trimethylbenzene, M
1,2-Dichlorobenzene, M
1,4-Dichlorobenzene, M
1,2-Dichlorobenzene, M
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, M
1,2,4-Trichlorobenzene, M
Hexachlorocyclopentadiene, M
Naphthalene, M
1,2,3-Trichlorobenzene, M



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
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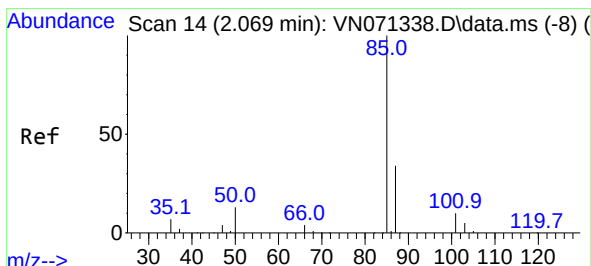
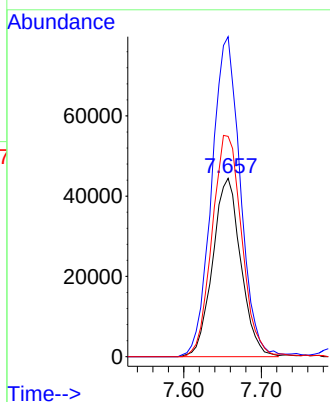
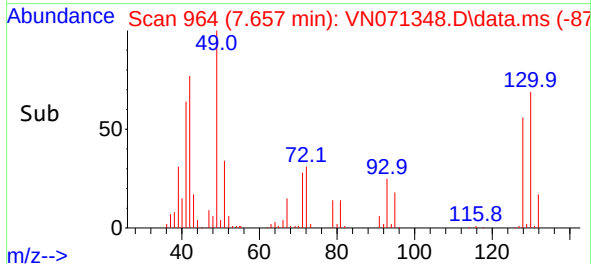
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



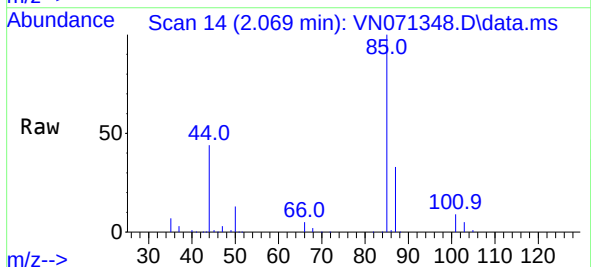
Tgt Ion:128 Resp: 112364
Ion Ratio Lower Upper
128 100
49 182.2 0.0 392.3
130 130.2 0.0 320.2

Manual Integrations
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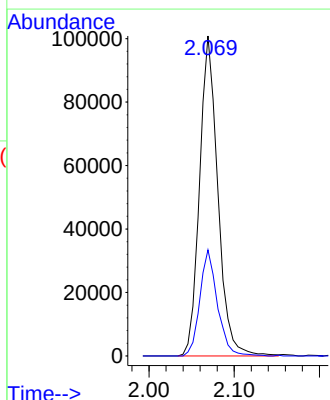
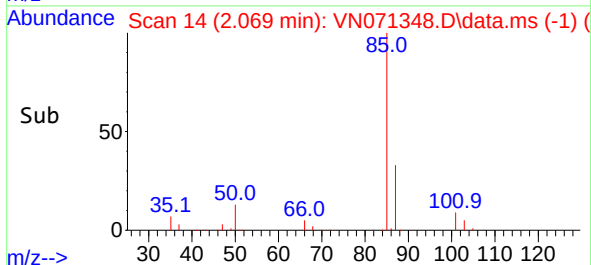
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

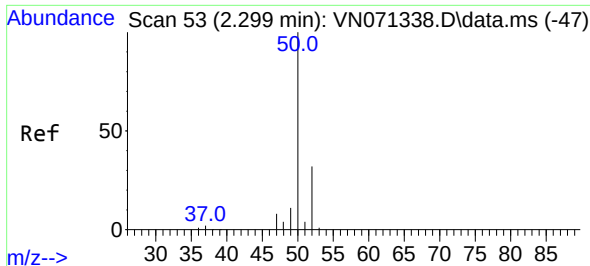


#2
Dichlorodifluoromethane
Concen: 20.753 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



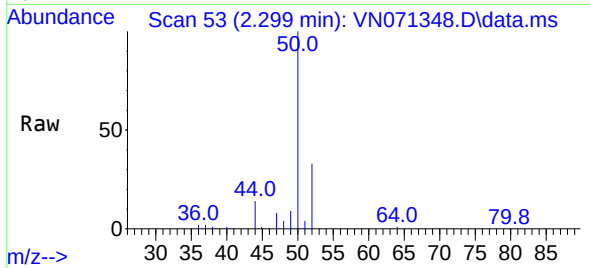
Tgt Ion: 85 Resp: 150778
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7





#3
Chloromethane
Concen: 19.230 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

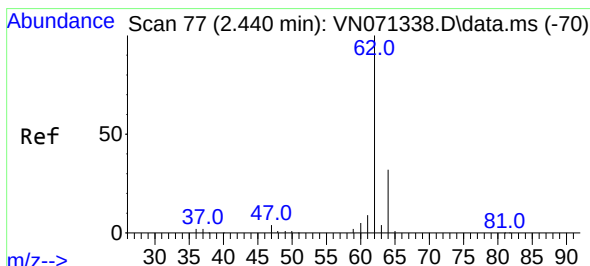
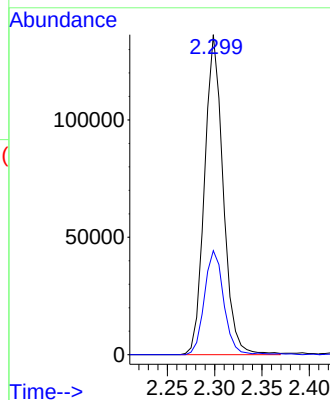
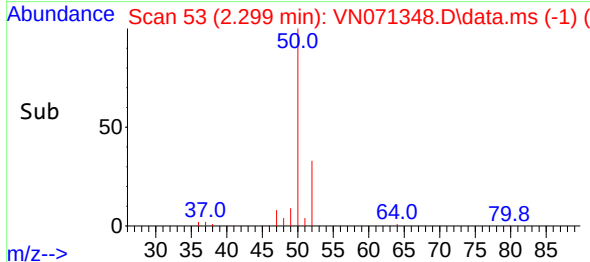
Instrument :
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ClientSampleId :
VN0317WBSD01



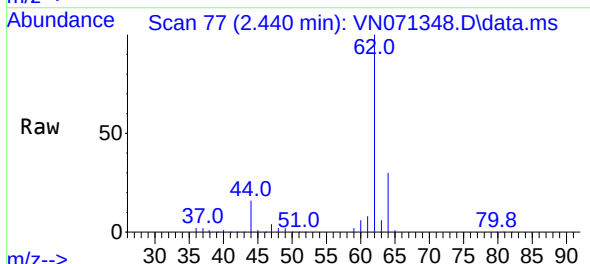
Tgt Ion: 50 Resp: 186392
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

Manual Integrations
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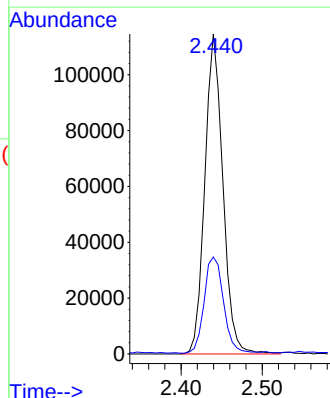
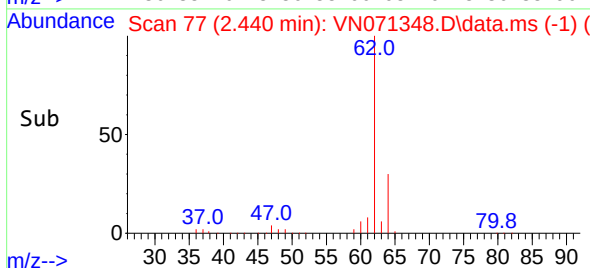
Reviewed By :John Carlone 03/18/2022
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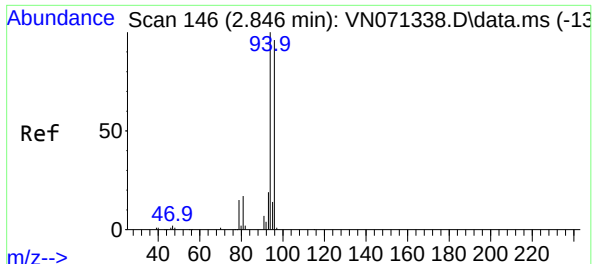


#4
Vinyl Chloride
Concen: 19.852 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



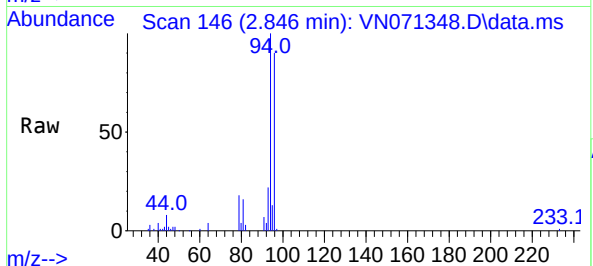
Tgt Ion: 62 Resp: 176709
Ion Ratio Lower Upper
62 100
64 30.1 25.1 37.7





#5
Bromomethane
Concen: 22.685 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

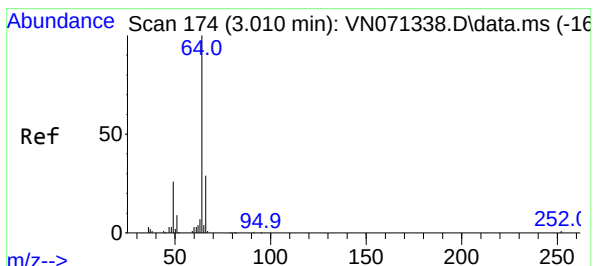
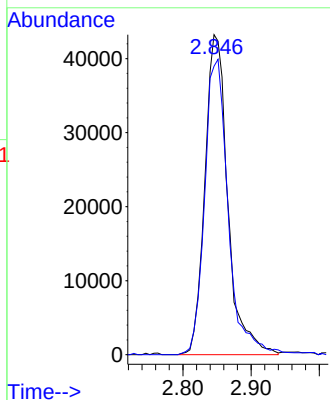
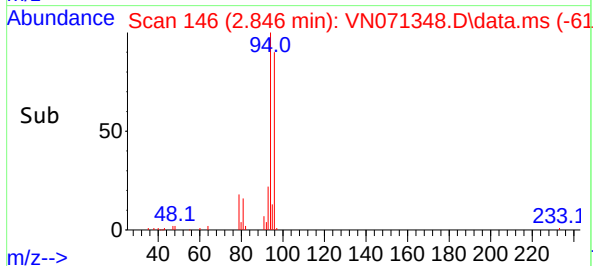
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 94 Resp: 10120
Ion Ratio Lower Upper
94 100
96 90.1 75.2 112.8

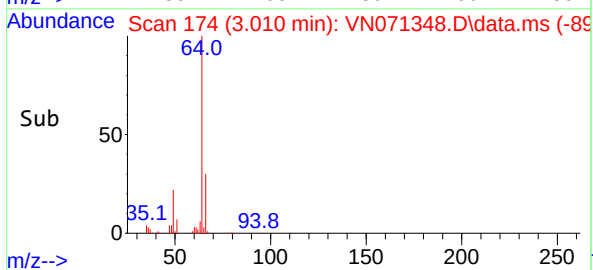
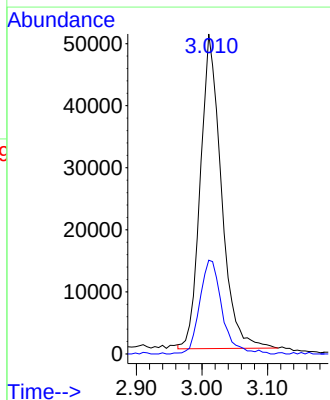
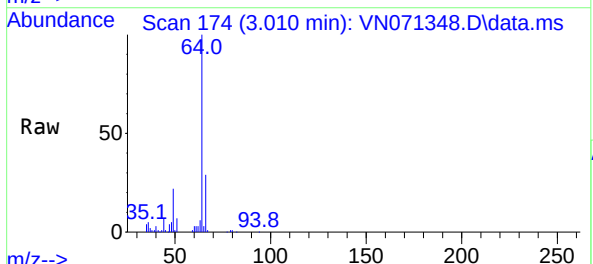
Manual Integrations
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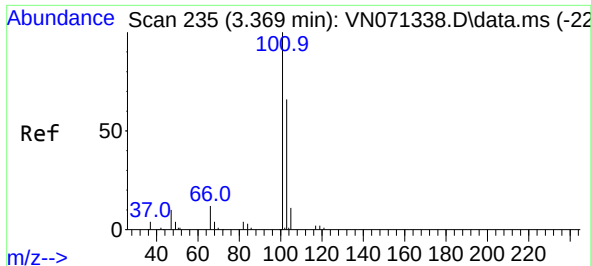
Reviewed By :John Carlone 03/18/2022
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#6
Chloroethane
Concen: 20.793 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

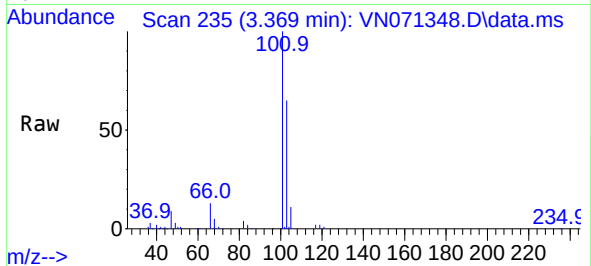
Tgt Ion: 64 Resp: 112636
Ion Ratio Lower Upper
64 100
66 29.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 20.002 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

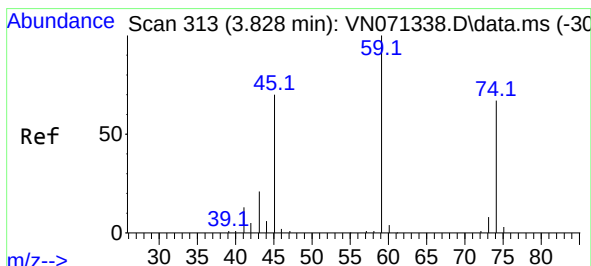
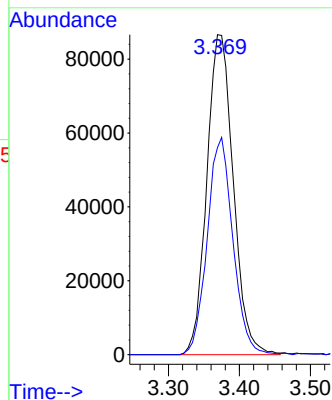
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:101 Resp: 224539
Ion Ratio Lower Upper
101 100
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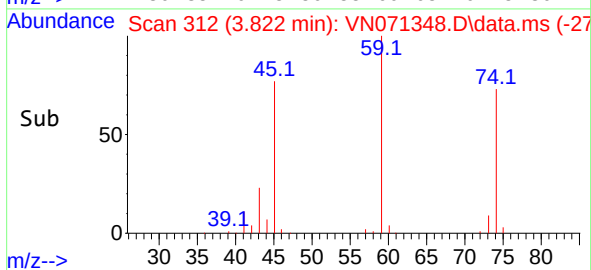
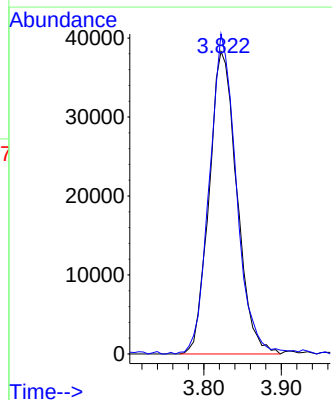
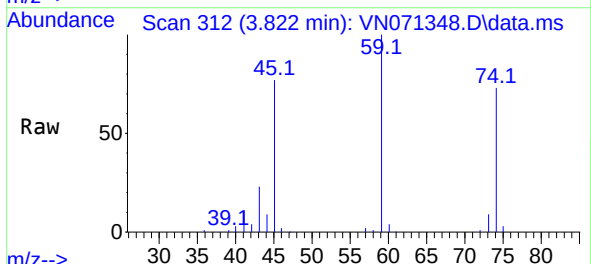
Manual Integrations
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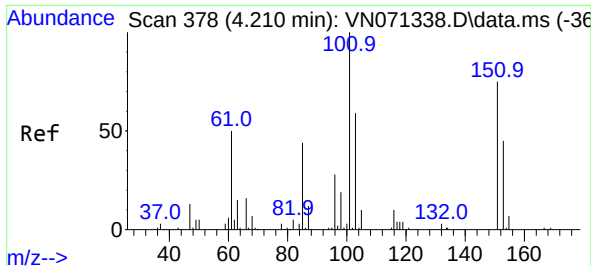
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#8
Diethyl Ether
Concen: 19.509 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Tgt Ion: 74 Resp: 95128
Ion Ratio Lower Upper
74 100
45 103.1 17.6 158.8





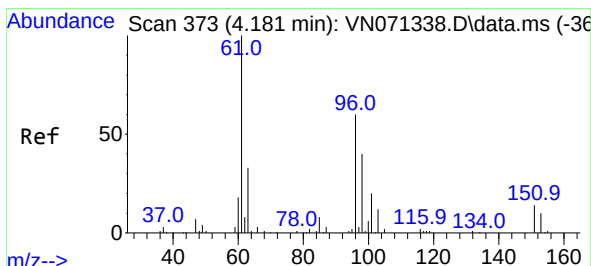
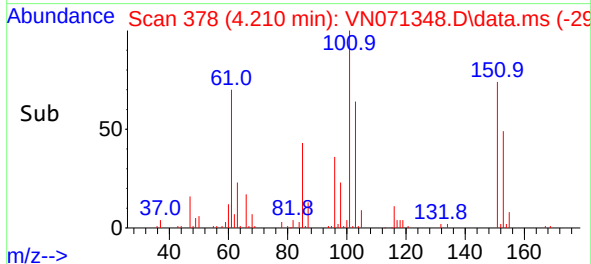
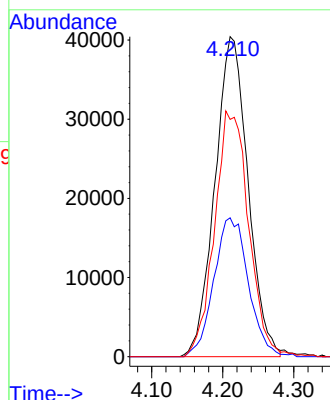
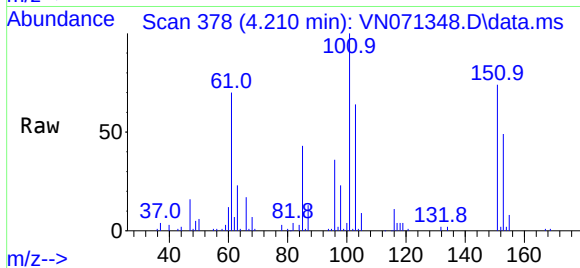
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.718 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion:101 Resp: 130790
Ion Ratio Lower Upper
101 100
85 45.3 0.0 94.0
151 79.0 0.0 74.6

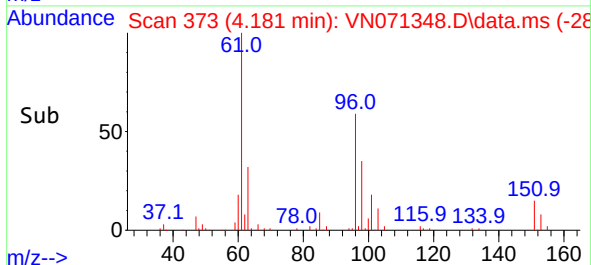
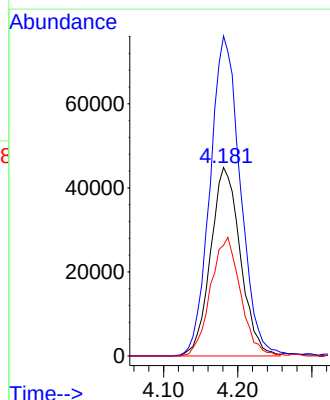
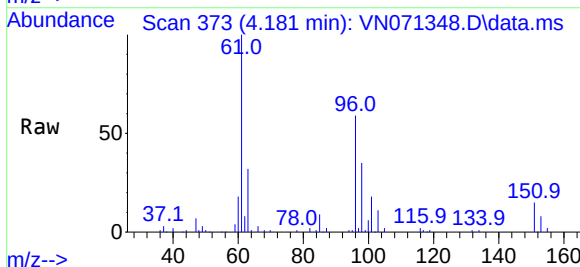
Manual Integrations
APPROVED

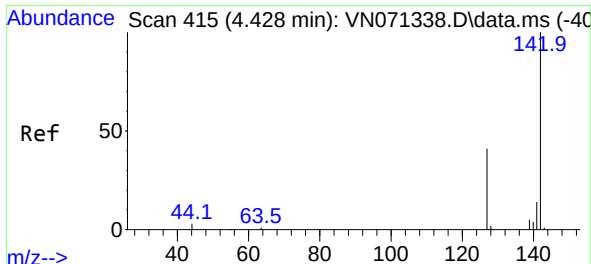
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
1,1-Dichloroethene
Concen: 19.480 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

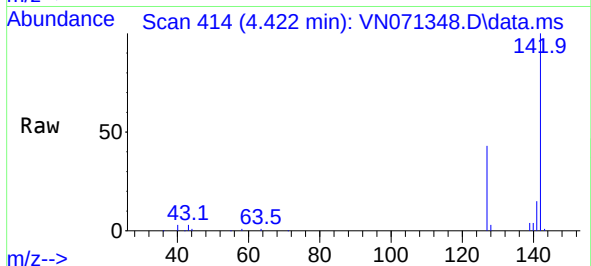
Tgt Ion: 96 Resp: 125141
Ion Ratio Lower Upper
96 100
61 169.2 126.2 189.4
98 58.8 50.9 76.3





#11
Methyl Iodide
Concen: 19.556 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

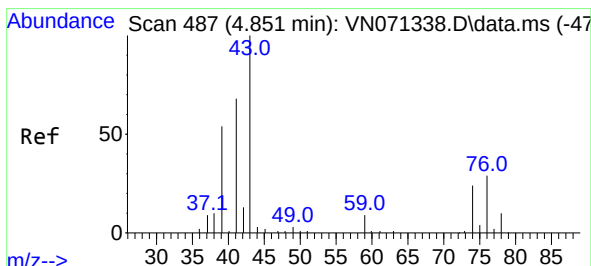
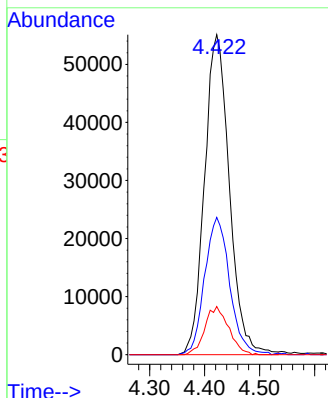
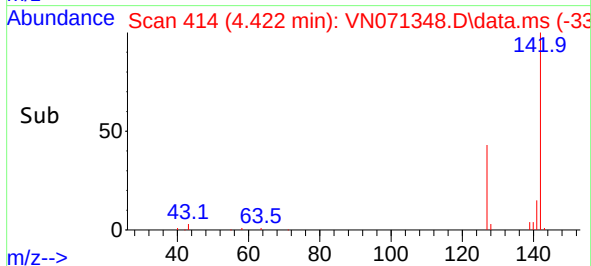
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:142 Resp: 172994
Ion Ratio Lower Upper
142 100
127 42.8 24.0 72.0
141 14.7 8.4 25.2

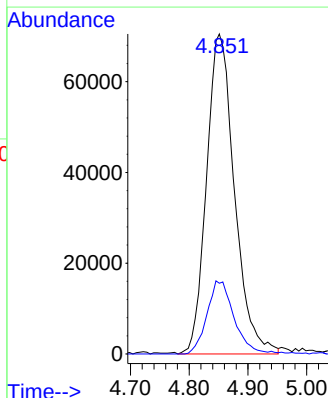
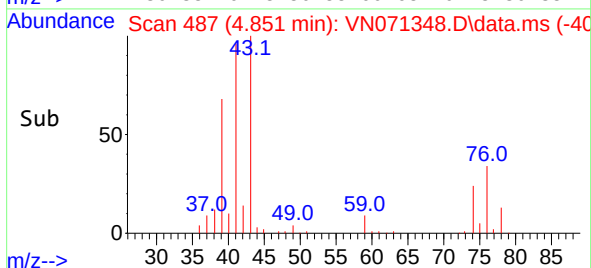
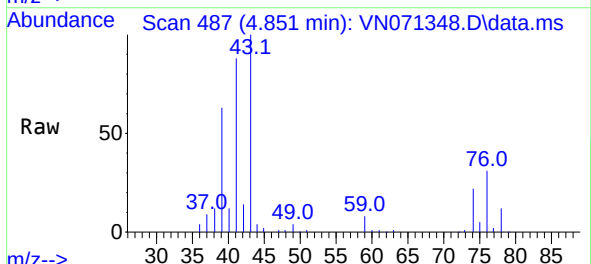
Manual Integrations
APPROVED

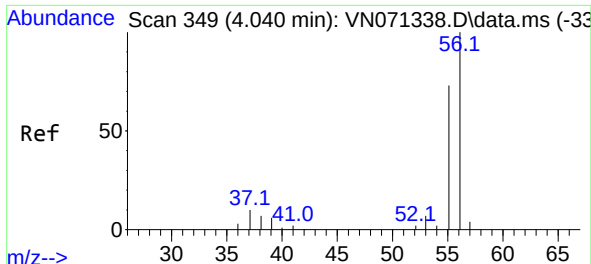
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
Methyl Acetate
Concen: 18.974 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

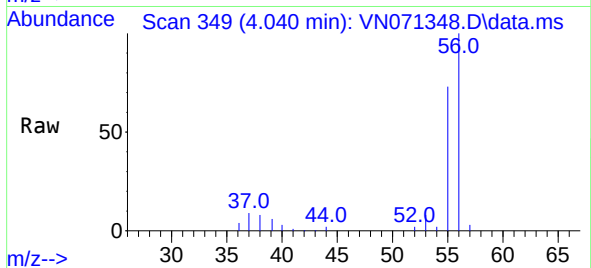
Tgt Ion: 43 Resp: 233275
Ion Ratio Lower Upper
43 100
74 22.1 20.8 31.2





#13
Acrolein
Concen: 102.188 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

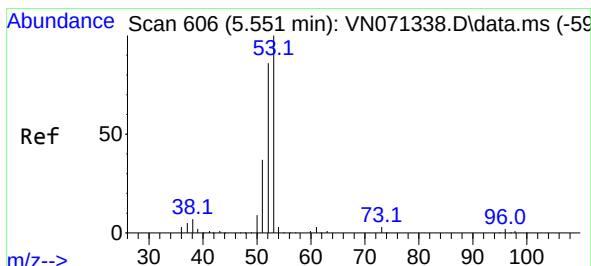
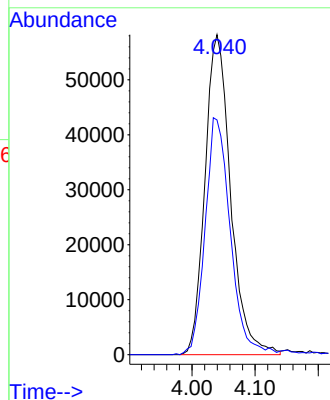
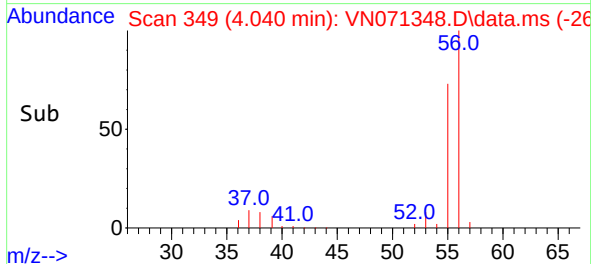
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



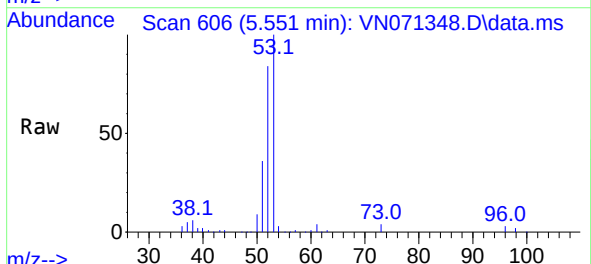
Tgt Ion: 56 Resp: 164725
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4

Manual Integrations
APPROVED

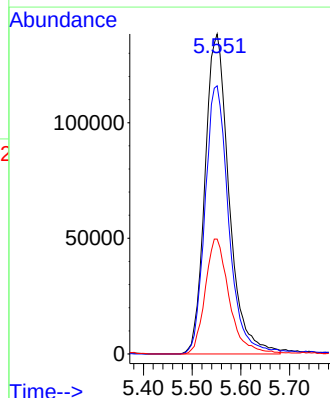
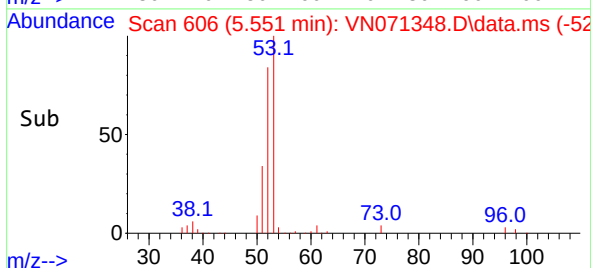
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

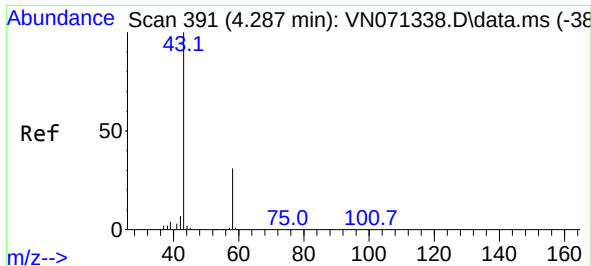


#14
Acrylonitrile
Concen: 92.683 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



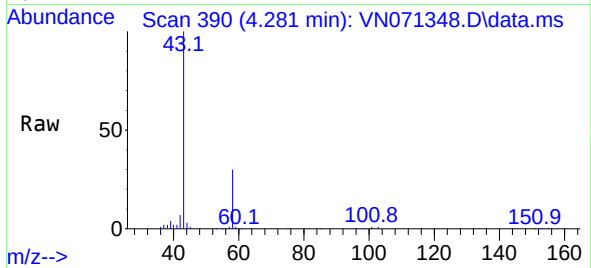
Tgt Ion: 53 Resp: 475063
Ion Ratio Lower Upper
53 100
52 82.1 41.8 125.4
51 35.8 19.0 57.0





#15
Acetone
Concen: 94.463 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

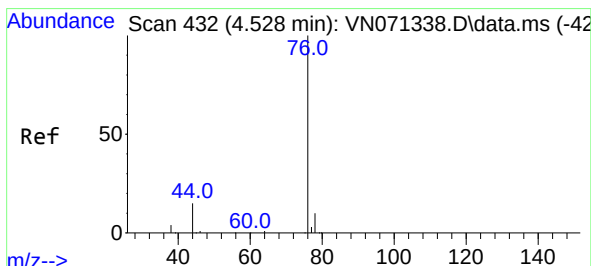
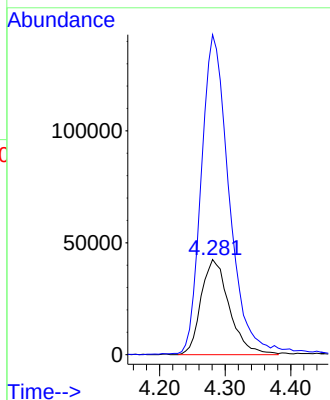
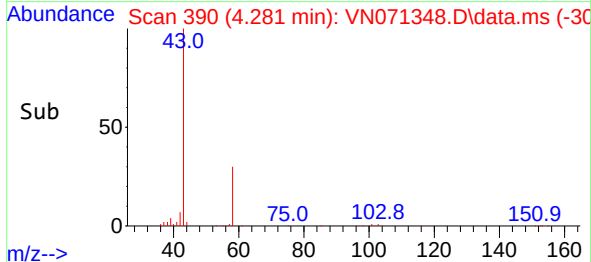
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



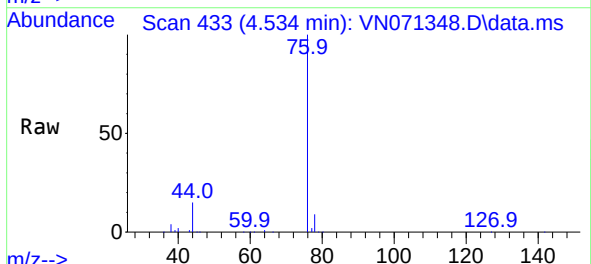
Tgt Ion: 58 Resp: 127279
Ion Ratio Lower Upper
58 100
43 334.7 256.6 384.8

Manual Integrations
APPROVED

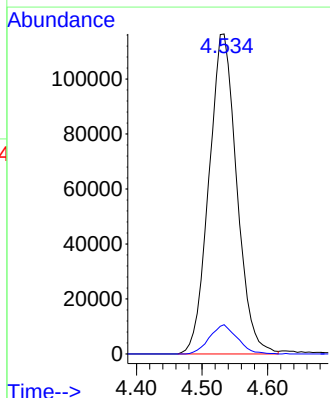
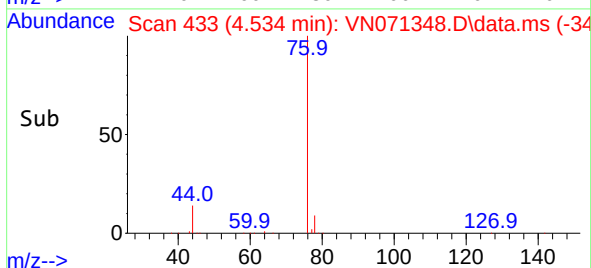
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

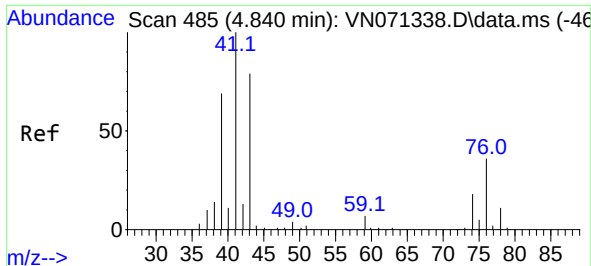


#16
Carbon Disulfide
Concen: 19.775 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



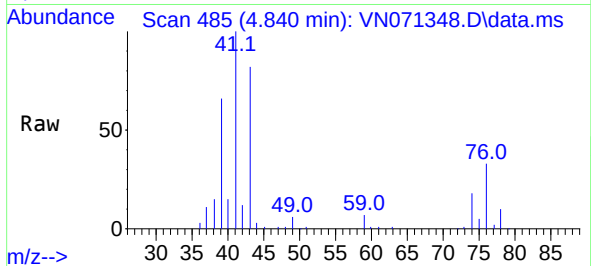
Tgt Ion: 76 Resp: 343540
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
 Allyl chloride
 Concen: 19.935 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN071348.D
 Acq: 17 Mar 2022 13:31

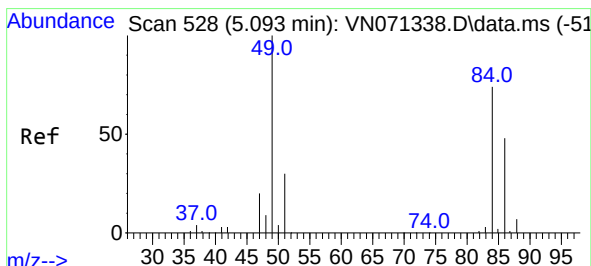
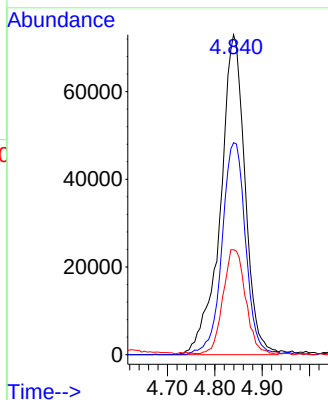
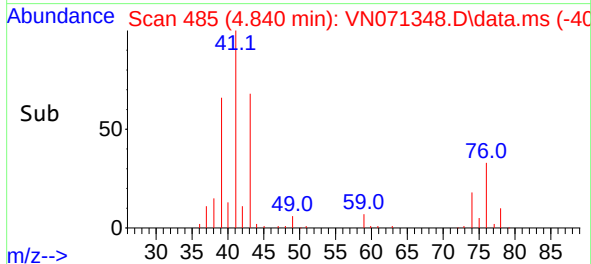
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01



Tgt Ion: 41 Resp: 263912
 Ion Ratio Lower Upper
 41 100
 39 66.2 44.6 134.0
 76 32.4 19.6 58.7

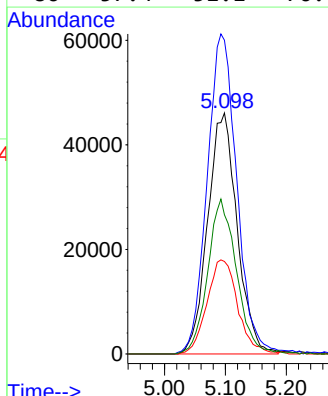
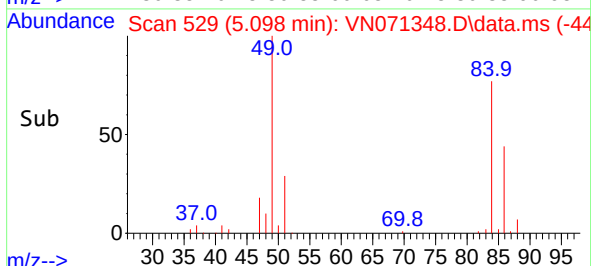
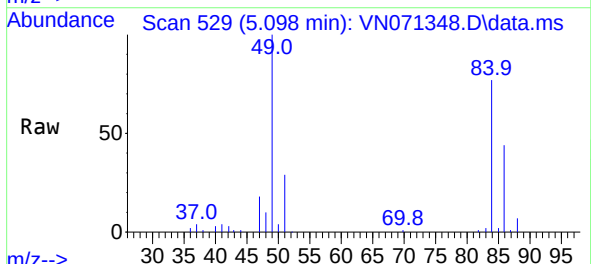
Manual Integrations
 APPROVED

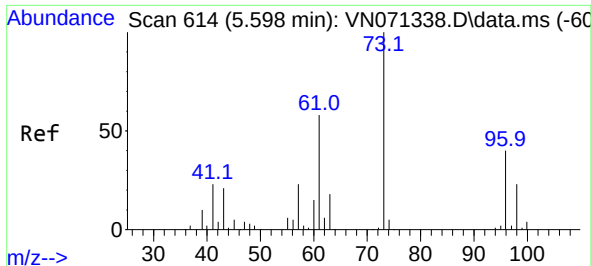
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#18
 Methylene Chloride
 Concen: 19.778 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. 0.006 min
 Lab File: VN071348.D
 Acq: 17 Mar 2022 13:31

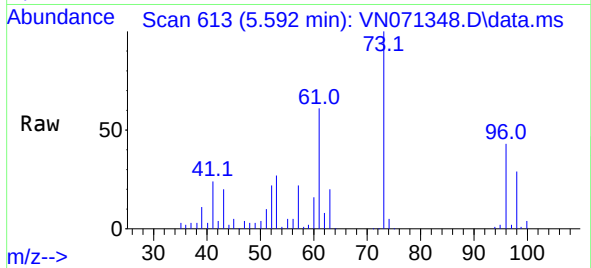
Tgt Ion: 84 Resp: 154923
 Ion Ratio Lower Upper
 84 100
 49 129.5 91.4 137.0
 51 38.4 29.4 44.0
 86 57.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.054 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

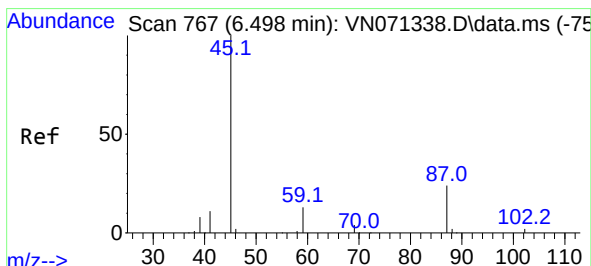
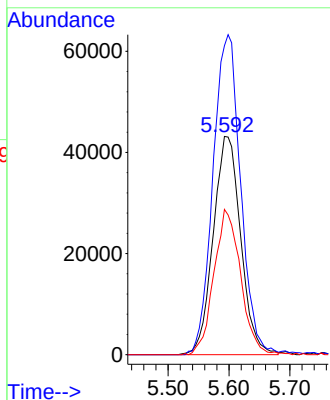
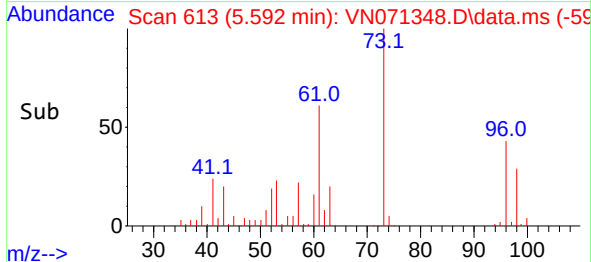
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



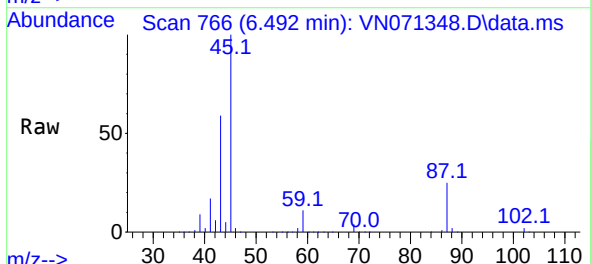
Tgt Ion: 96 Resp: 13540
Ion Ratio Lower Upper
96 100
61 141.6 102.8 154.2
98 66.6 49.3 73.9

Manual Integrations
APPROVED

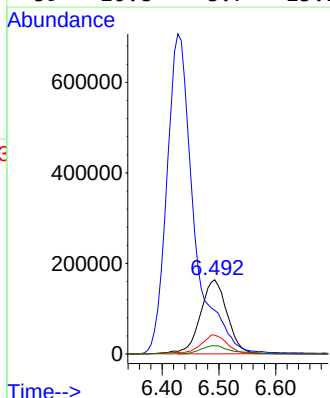
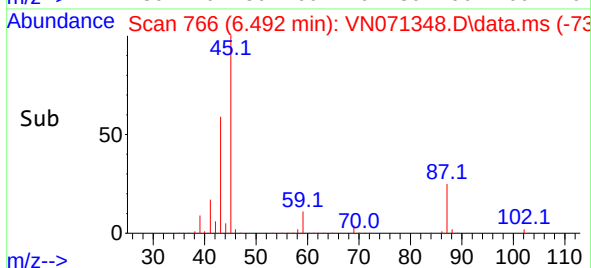
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

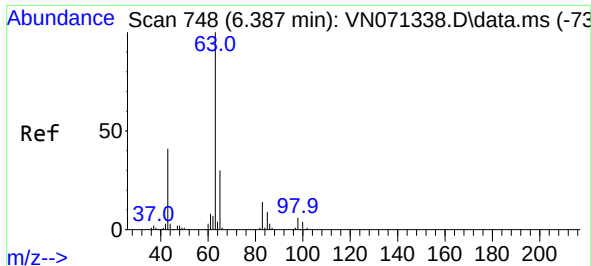


#20
Diisopropyl ether
Concen: 19.780 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



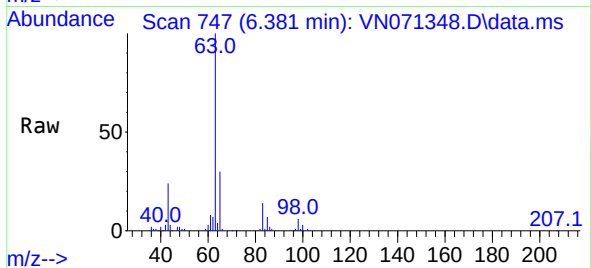
Tgt Ion: 45 Resp: 527021
Ion Ratio Lower Upper
45 100
43 57.3 51.0 76.4
87 25.3 25.0 37.4
59 10.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.102 ug/l
RT: 6.381 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

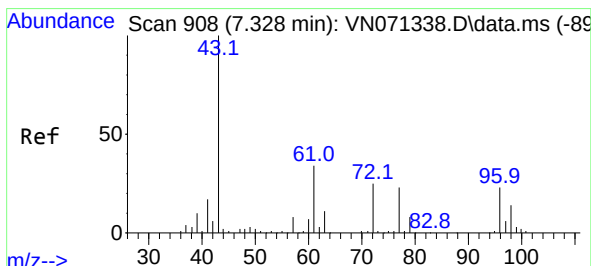
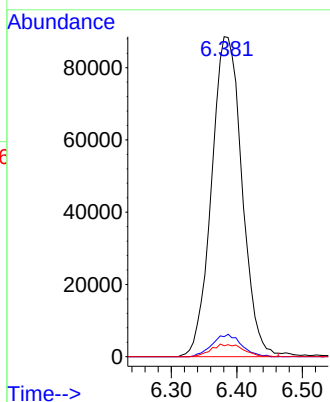
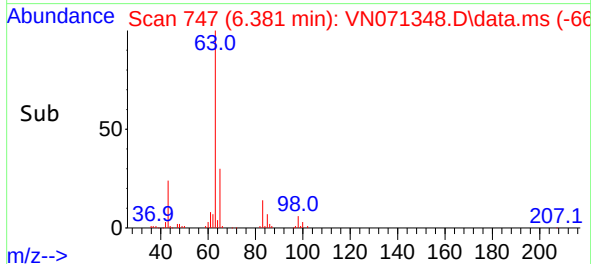
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 63 Resp: 285018
Ion Ratio Lower Upper
63 100
98 6.3 3.2 9.6
100 3.4 2.1 6.2

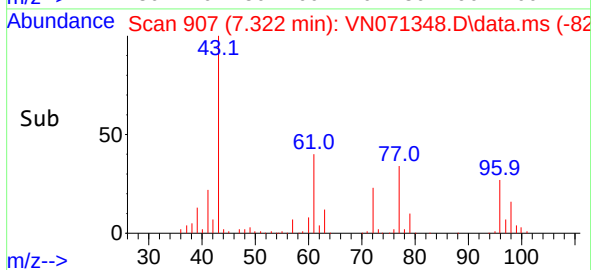
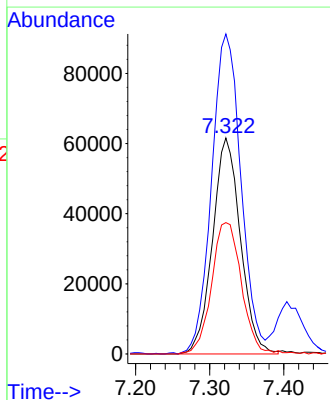
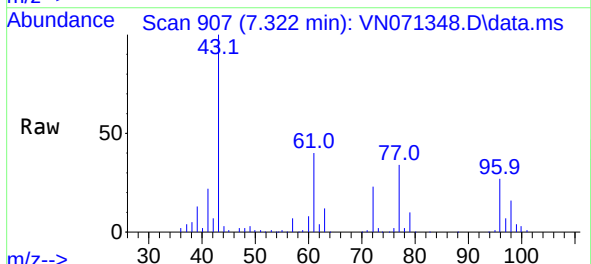
Manual Integrations
APPROVED

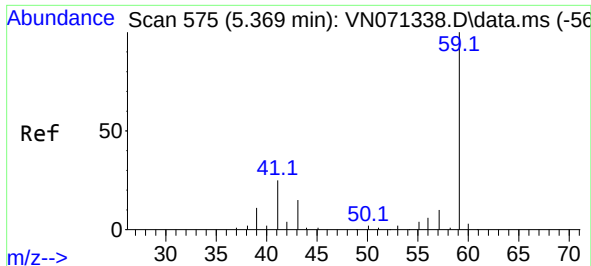
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
cis-1,2-Dichloroethene
Concen: 19.667 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

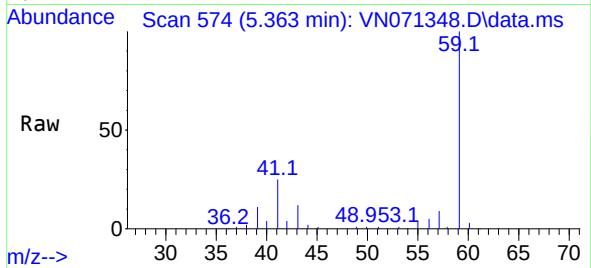
Tgt Ion: 96 Resp: 160957
Ion Ratio Lower Upper
96 100
61 155.9 115.7 173.5
98 64.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 87.281 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

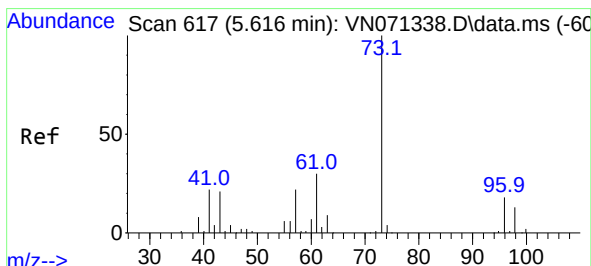
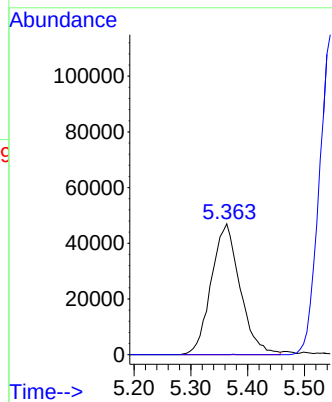
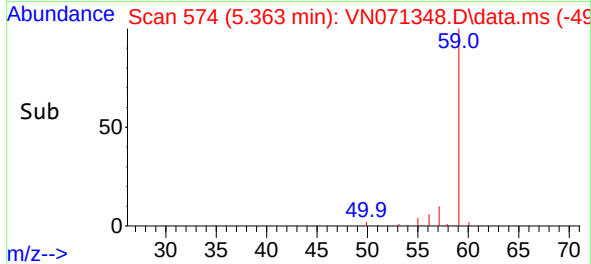
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



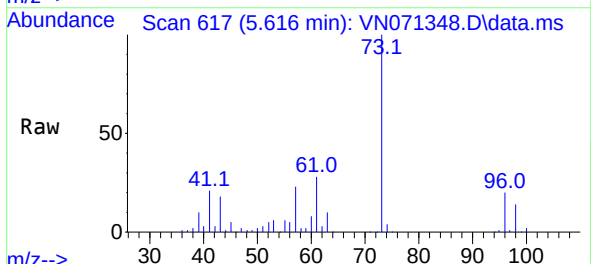
Tgt Ion: 59 Resp: 165479
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

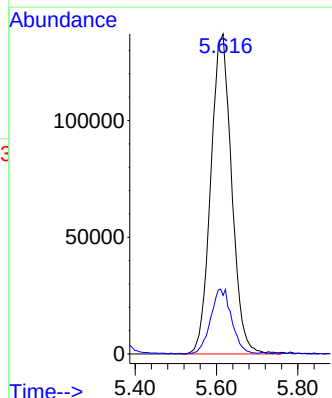
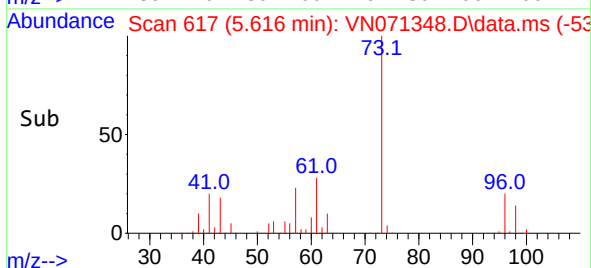
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

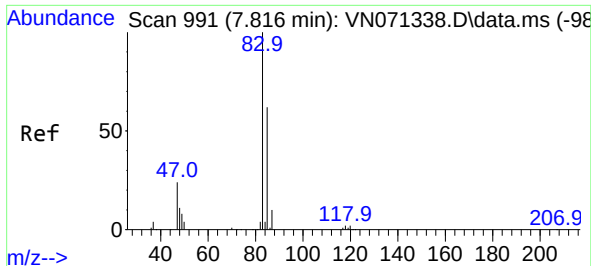


#24
Methyl tert-Butyl Ether
Concen: 19.943 ug/l m
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



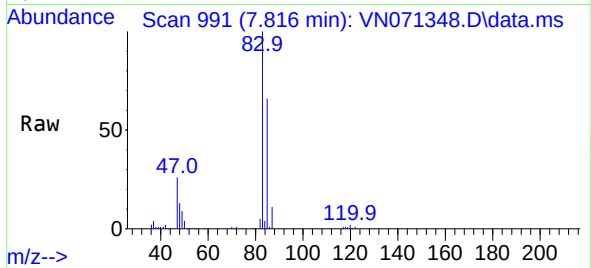
Tgt Ion: 73 Resp: 488975
Ion Ratio Lower Upper
73 100
43 0.1 18.1 27.1#





#25
Chloroform
Concen: 19.660 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

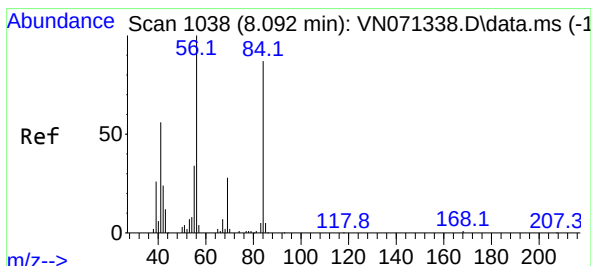
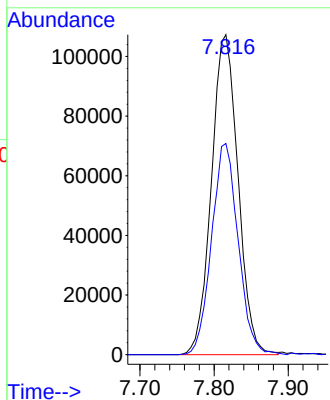
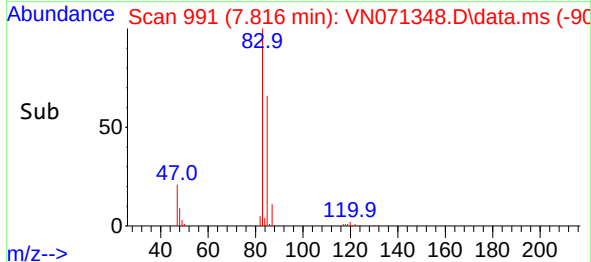
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



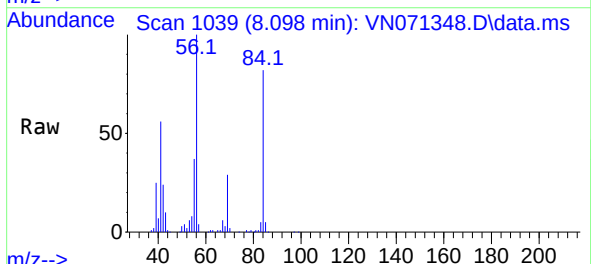
Tgt Ion: 83 Resp: 267715
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9

Manual Integrations
APPROVED

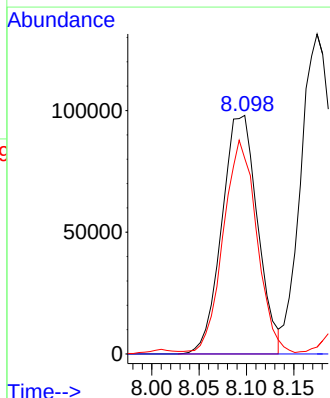
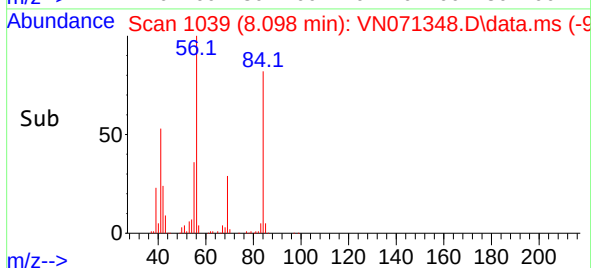
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

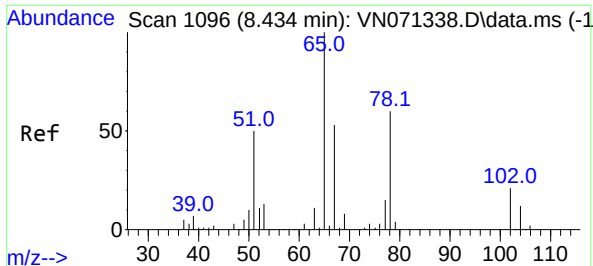


#26
Cyclohexane
Concen: 20.078 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



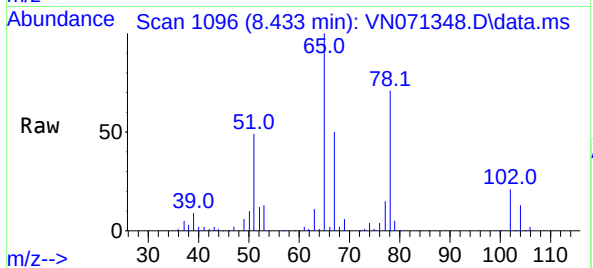
Tgt Ion: 56 Resp: 257687
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.835 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

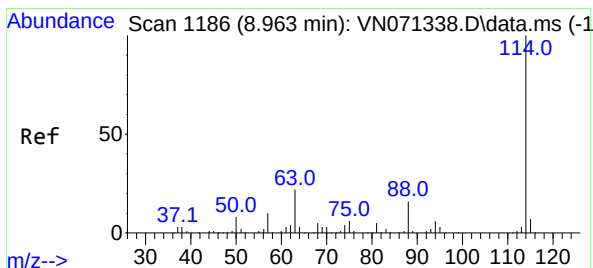
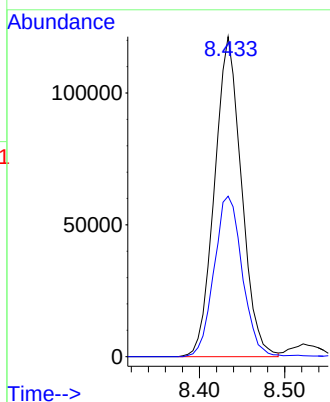
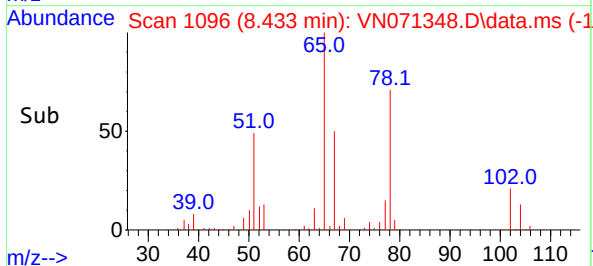
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



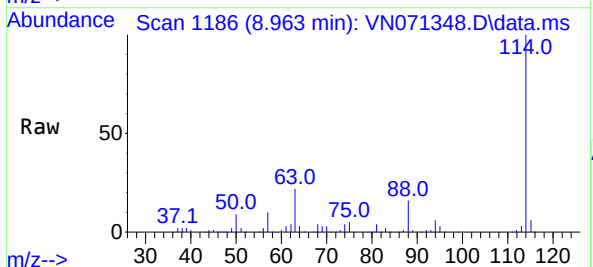
Tgt Ion: 65 Resp: 266158
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.2

Manual Integrations
APPROVED

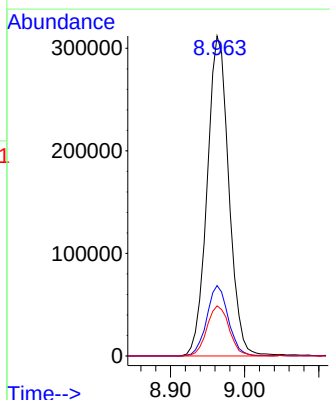
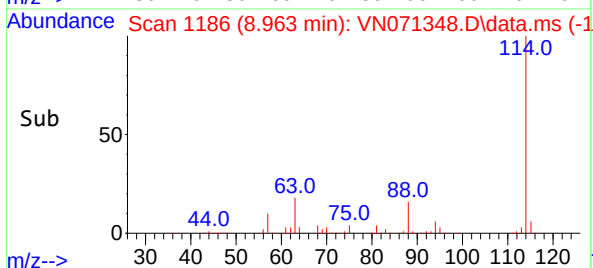
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

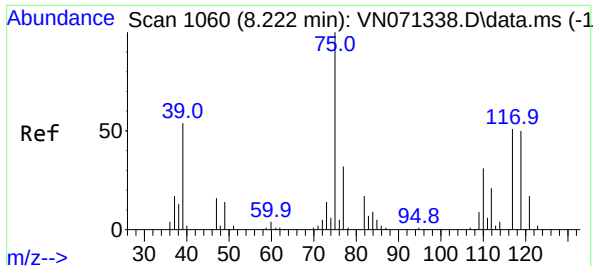


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



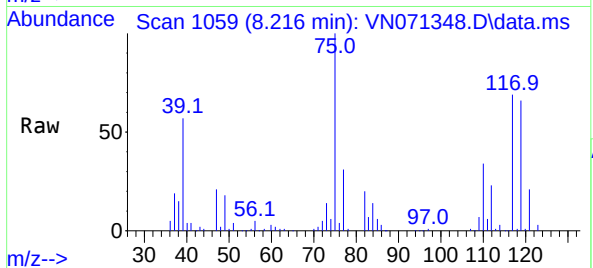
Tgt Ion:114 Resp: 634086
Ion Ratio Lower Upper
114 100
63 21.9 15.8 23.6
88 16.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.897 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

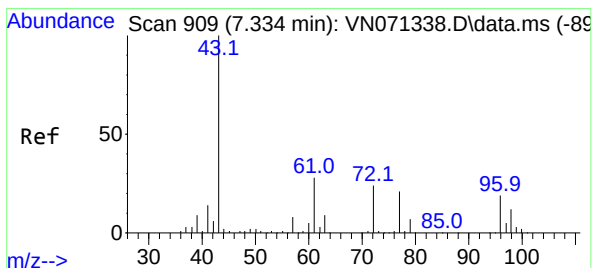
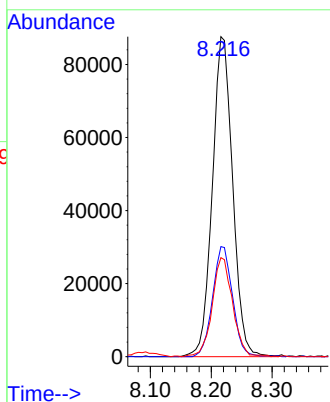
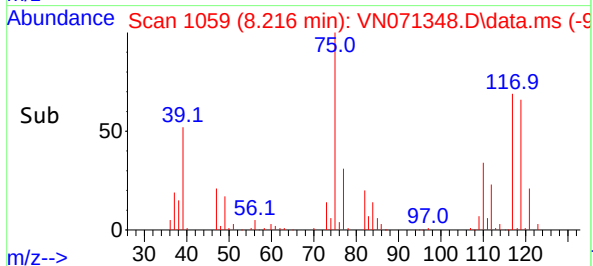
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



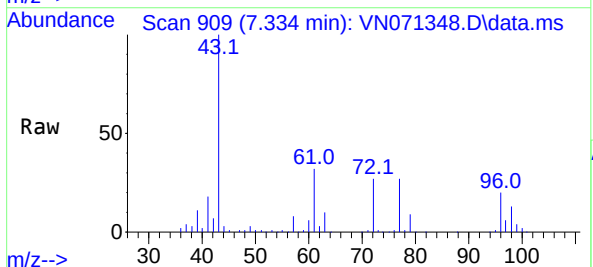
Tgt Ion: 75 Resp: 203038
Ion Ratio Lower Upper
75 100
110 33.7 0.0 74.2
77 30.7 0.0 63.2

Manual Integrations
APPROVED

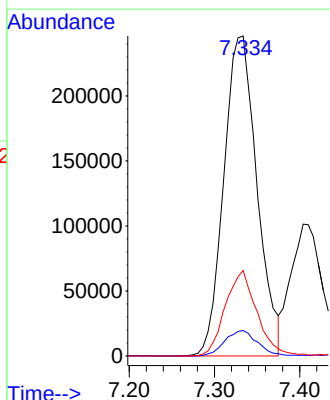
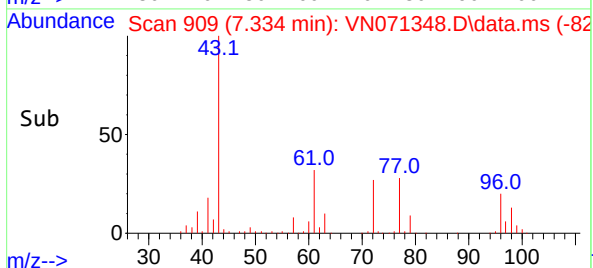
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

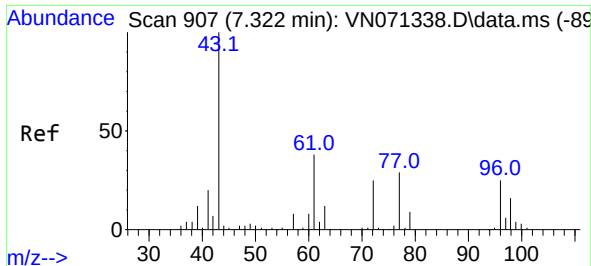


#30
2-Butanone
Concen: 92.349 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



Tgt Ion: 43 Resp: 667281
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.4 23.2 34.8





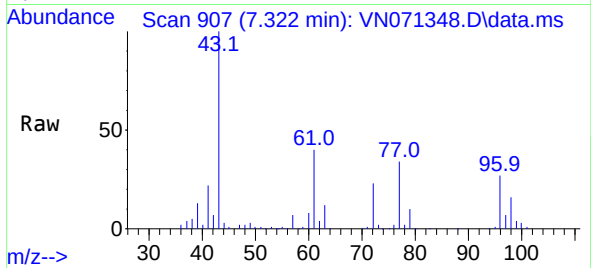
#31
2,2-Dichloropropane
Concen: 24.258 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01



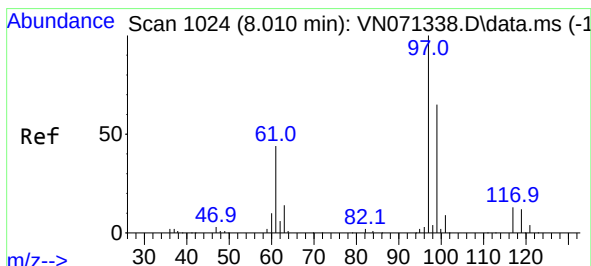
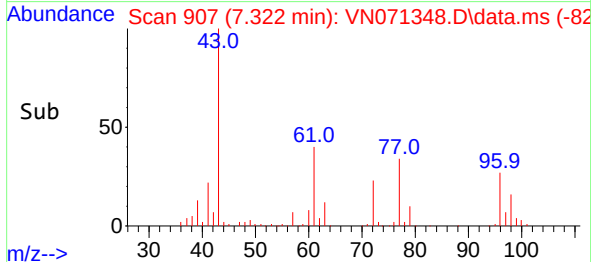
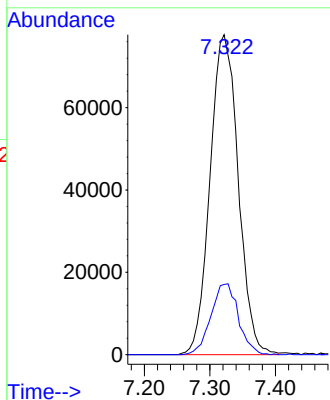
Tgt Ion: 77 Resp: 232050
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

Manual Integrations

APPROVED

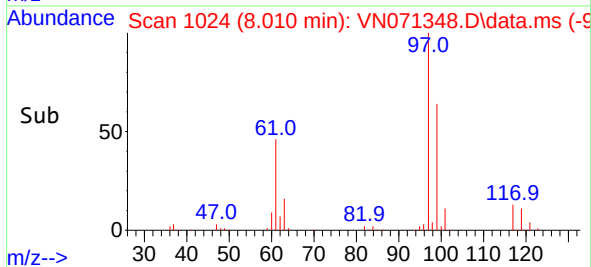
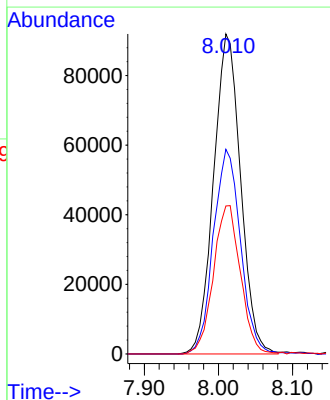
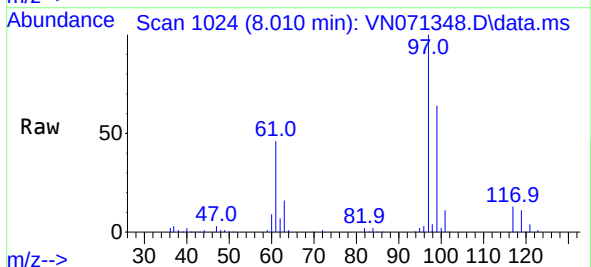
Reviewed By :John Carlone 03/18/2022

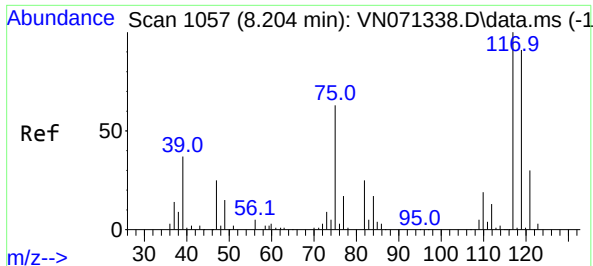
Supervised By :Mahesh Dadoda 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 19.576 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

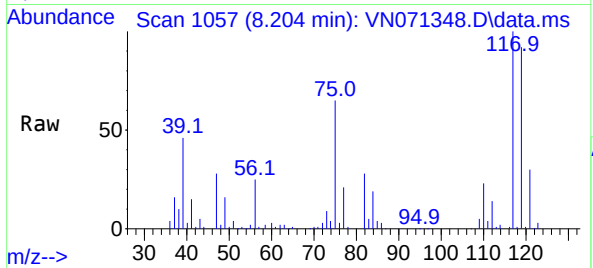
Tgt Ion: 97 Resp: 232952
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 46.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.799 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

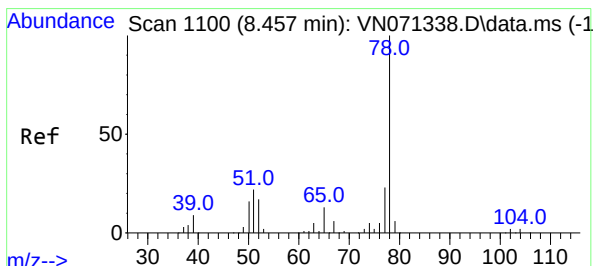
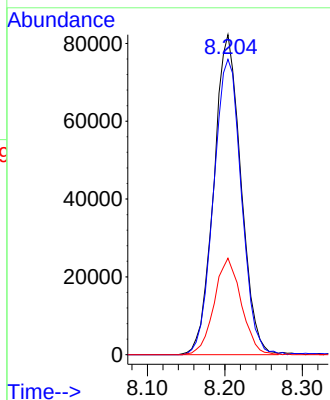
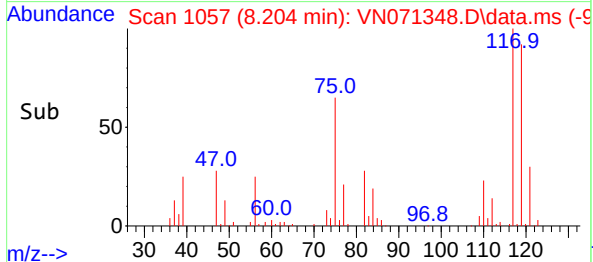
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



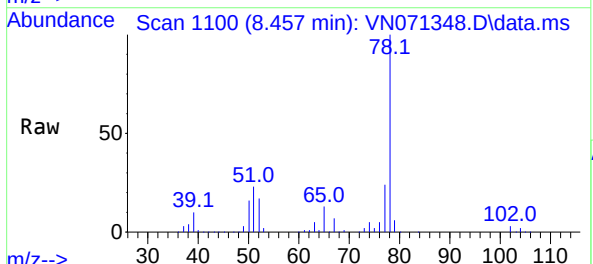
Tgt Ion:117 Resp: 20032
Ion Ratio Lower Upper
117 100
119 92.3 77.5 116.3
121 30.2 23.5 35.3

Manual Integrations
APPROVED

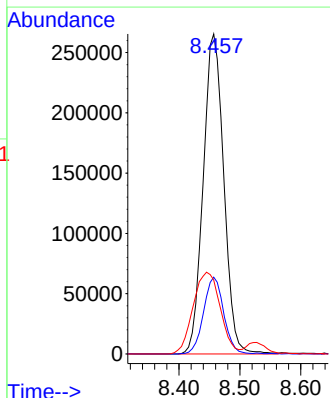
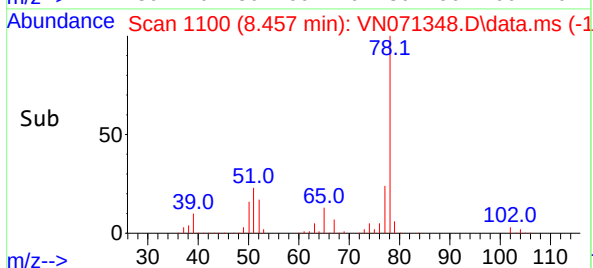
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

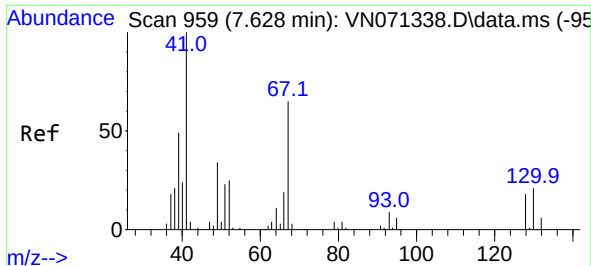


#34
Benzene
Concen: 19.714 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



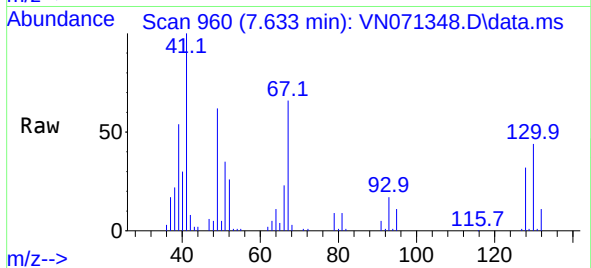
Tgt Ion: 78 Resp: 622668
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 22.8 16.0 24.0





#35
Methacrylonitrile
Concen: 20.103 ug/l
RT: 7.633 min Scan# 959
Delta R.T. 0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

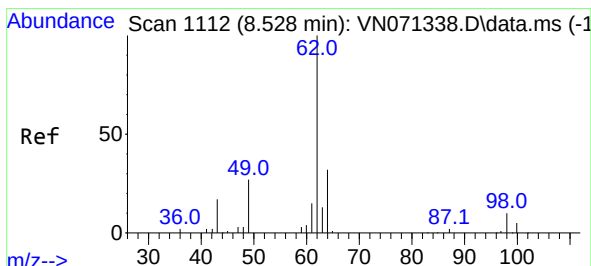
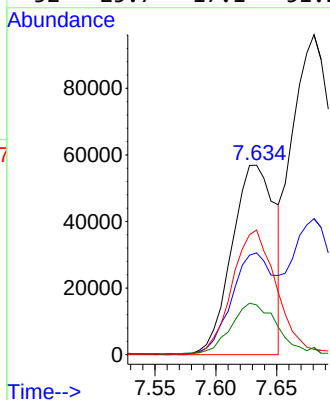
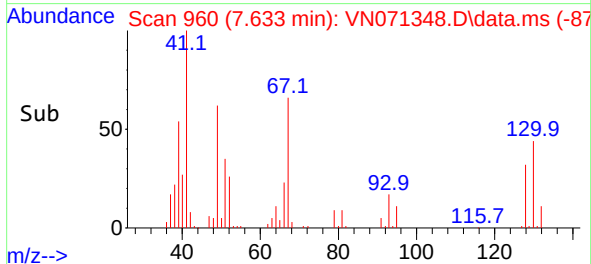
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



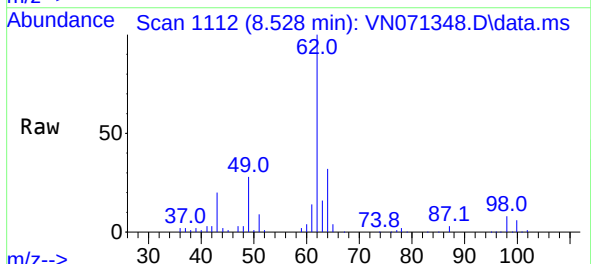
Tgt Ion: 41 Resp: 140733
Ion Ratio Lower Upper
41 100
39 53.4 28.0 83.9
67 65.8 37.7 113.1
52 25.7 17.1 51.2

Manual Integrations
APPROVED

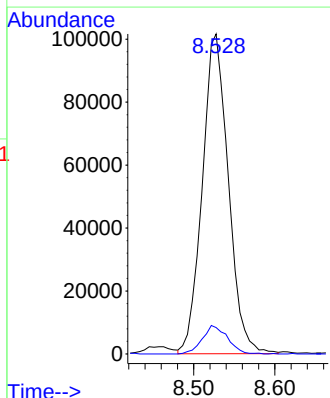
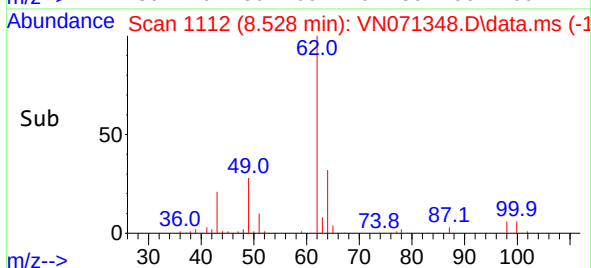
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

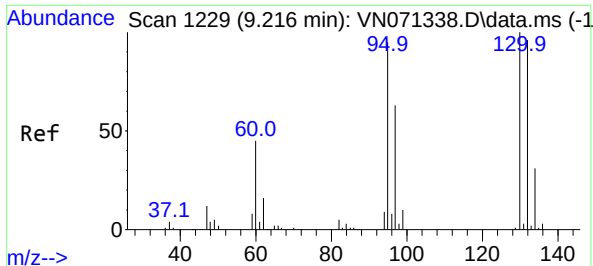


#36
1,2-Dichloroethane
Concen: 20.077 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



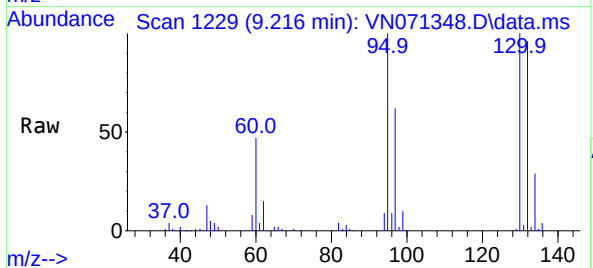
Tgt Ion: 62 Resp: 226469
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#37
Trichloroethene
Concen: 19.846 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

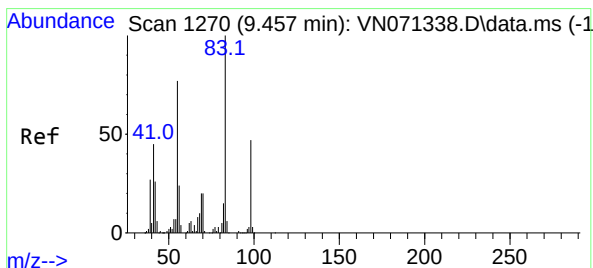
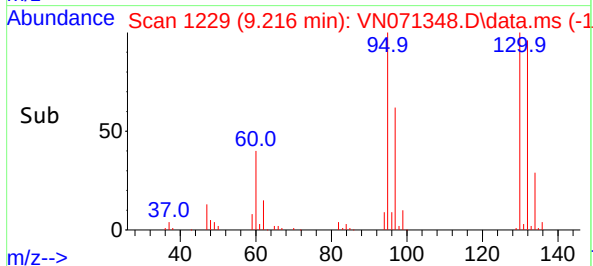
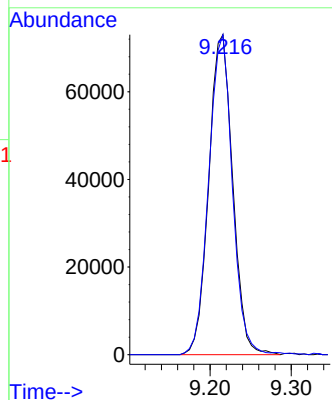
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:130 Resp: 149378
Ion Ratio Lower Upper
130 100
95 99.9 76.6 115.0

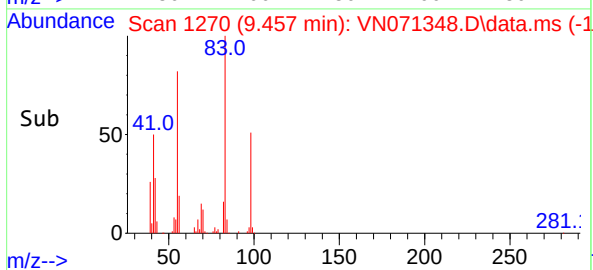
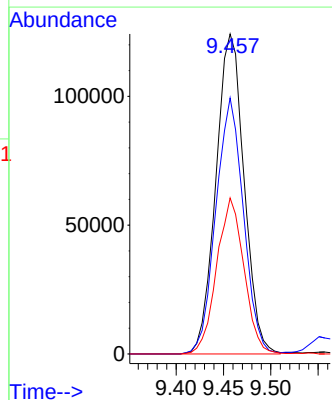
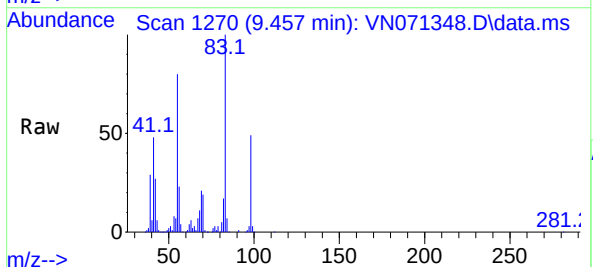
Manual Integrations
APPROVED

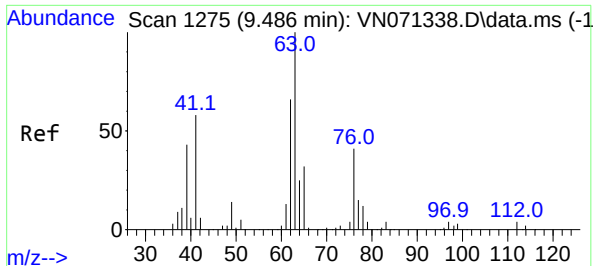
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Methylcyclohexane
Concen: 20.975 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

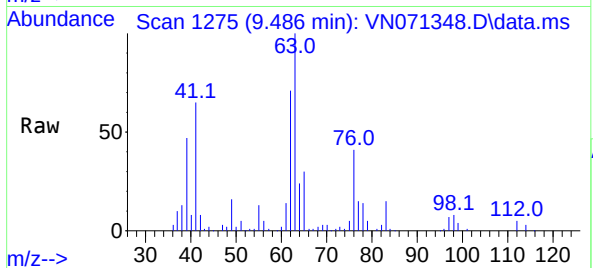
Tgt Ion: 83 Resp: 256872
Ion Ratio Lower Upper
83 100
55 78.5 35.1 105.3
98 47.3 23.4 70.2





#39
1,2-Dichloropropane
Concen: 19.792 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

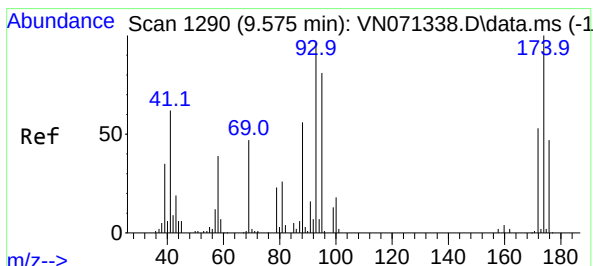
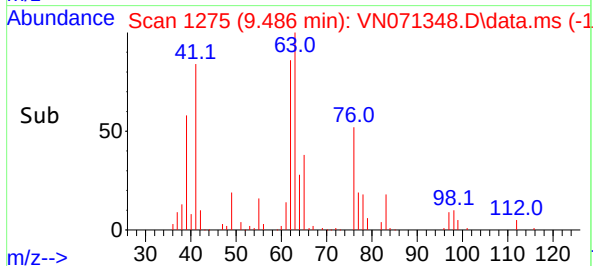
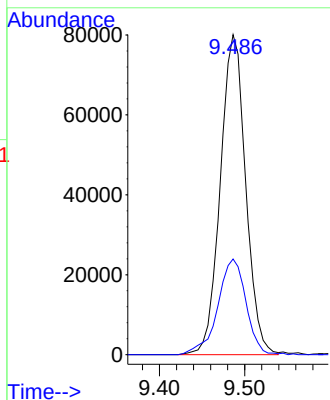
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 63 Resp: 165720
Ion Ratio Lower Upper
63 100
65 29.9 24.2 36.4

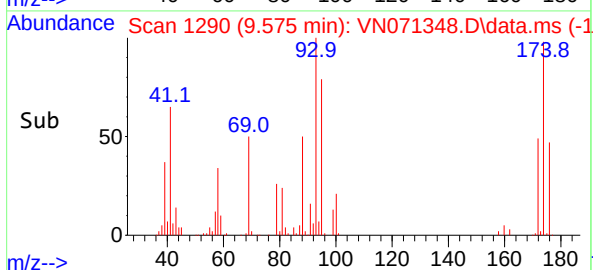
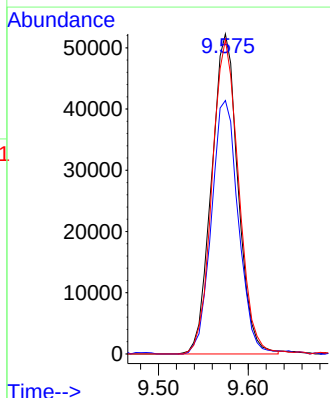
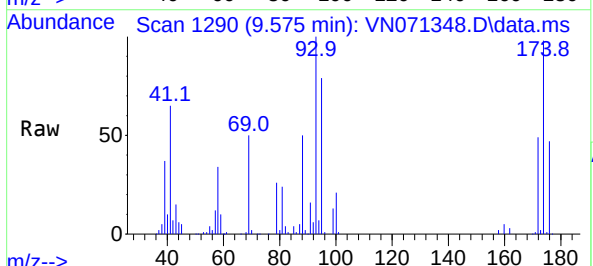
Manual Integrations
APPROVED

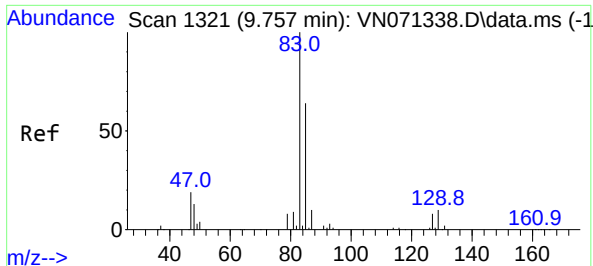
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#40
Dibromomethane
Concen: 20.150 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

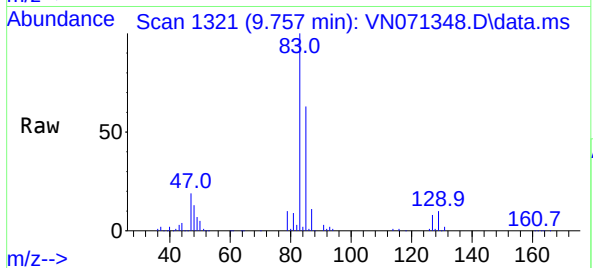
Tgt Ion: 93 Resp: 106728
Ion Ratio Lower Upper
93 100
95 80.7 0.0 168.8
174 98.8 0.0 173.6





#41
Bromodichloromethane
Concen: 19.797 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

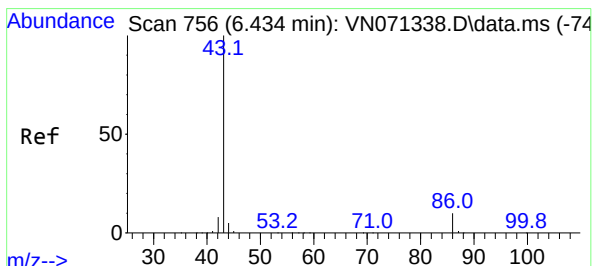
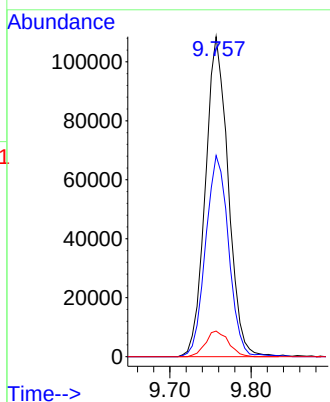
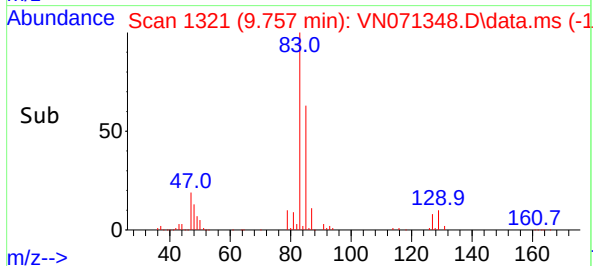
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



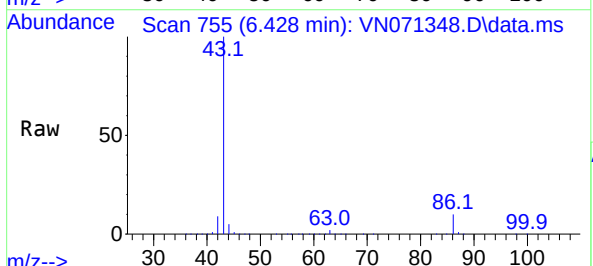
Tgt Ion: 83 Resp: 211420
Ion Ratio Lower Upper
83 100
85 62.9 54.1 81.1
127 8.0 7.6 11.4

Manual Integrations
APPROVED

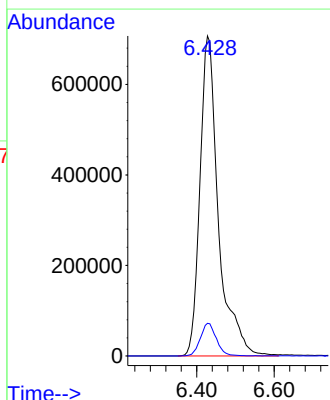
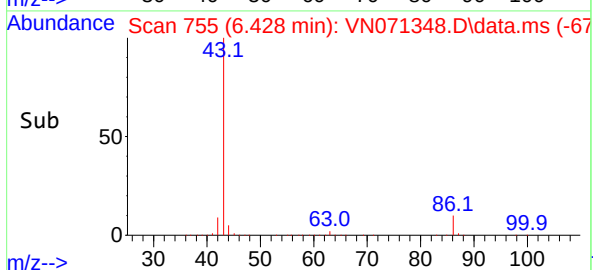
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

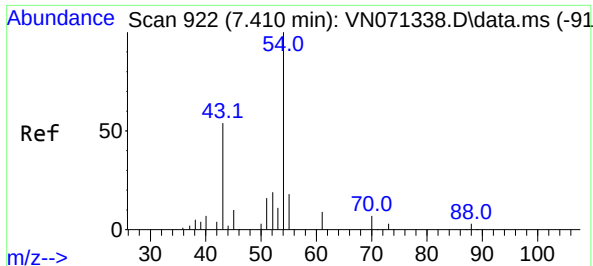


#42
Vinyl Acetate
Concen: 99.154 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



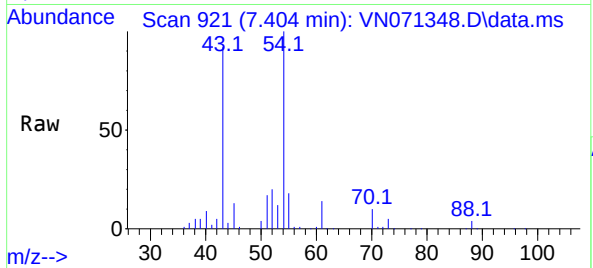
Tgt Ion: 43 Resp: 2341232
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 19.428 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

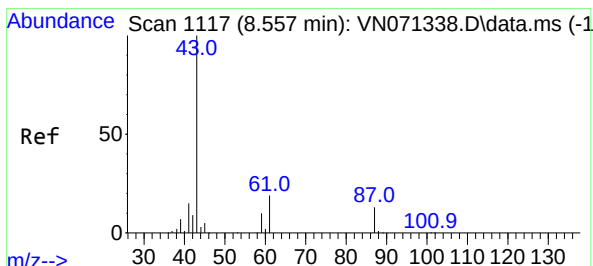
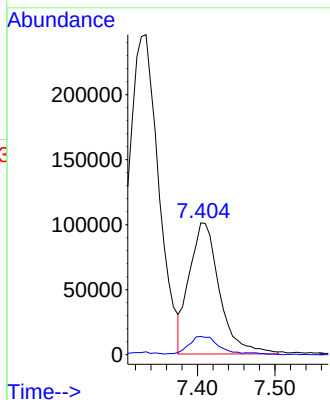
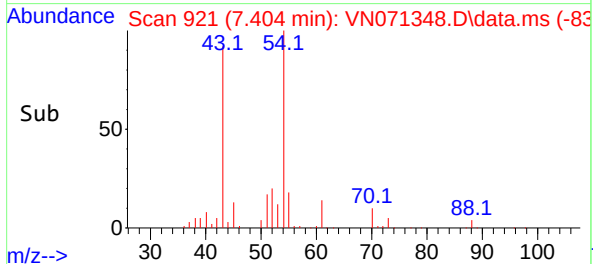
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 43 Resp: 27300
Ion Ratio Lower Upper
43 100
45 12.8 10.6 16.0

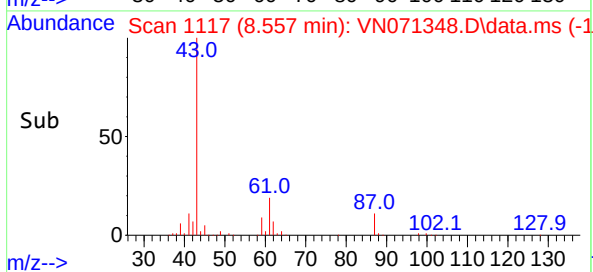
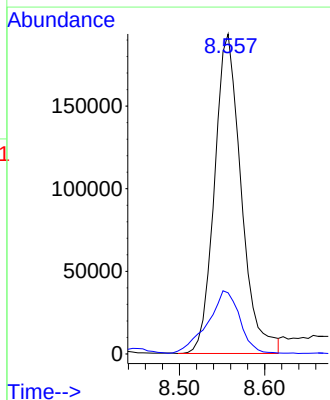
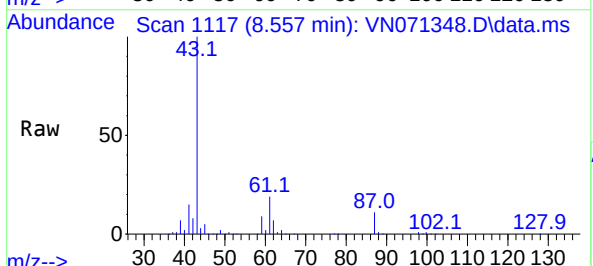
Manual Integrations
APPROVED

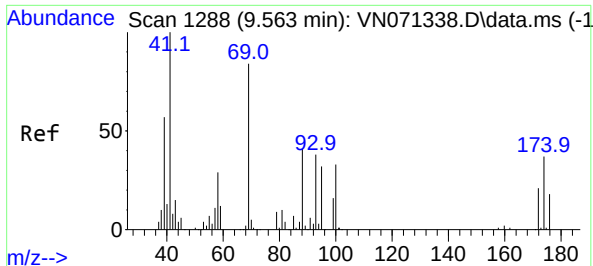
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#44
Isopropyl Acetate
Concen: 18.648 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

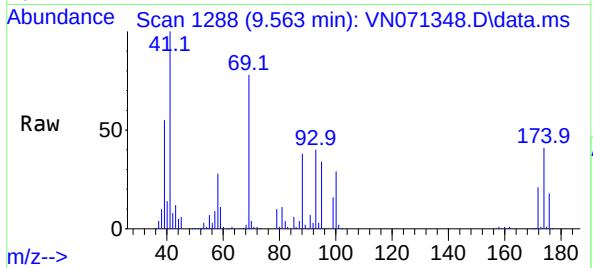
Tgt Ion: 43 Resp: 421379
Ion Ratio Lower Upper
43 100
61 24.2 20.1 30.1





#45
1,4-Dioxane
Concen: 350.328 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

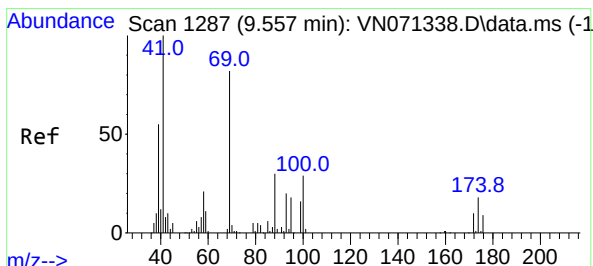
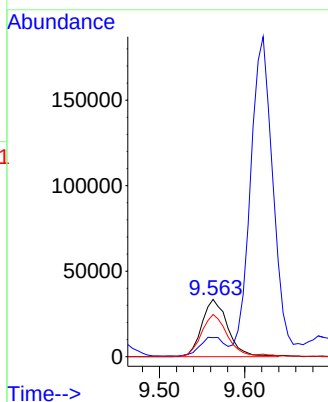
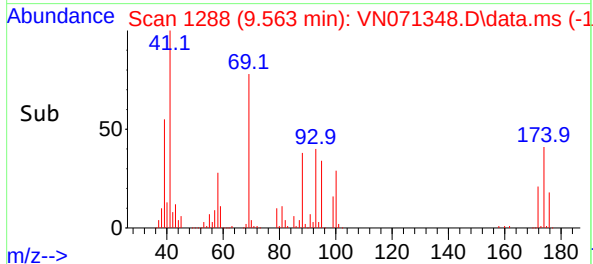
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



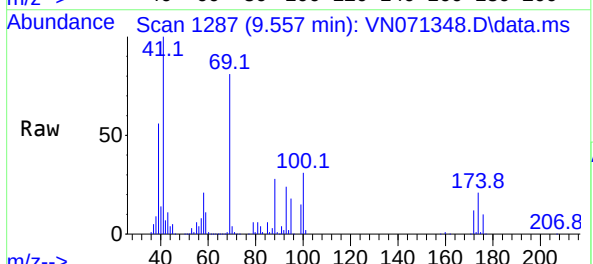
Tgt Ion: 88 Resp: 7049
Ion Ratio Lower Upper
88 100
43 31.4 25.0 37.6
58 73.2 49.4 74.2

Manual Integrations
APPROVED

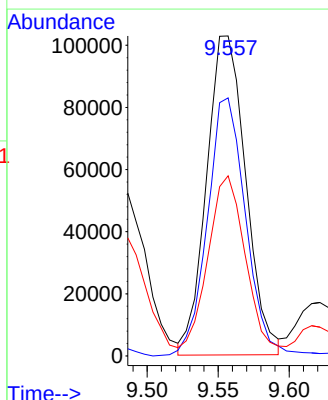
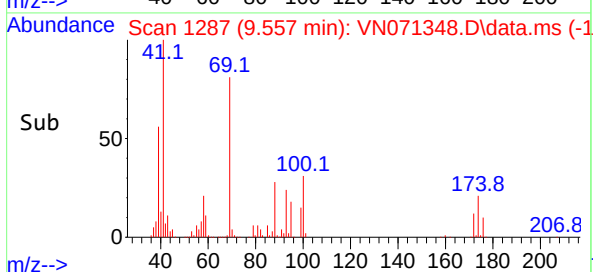
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

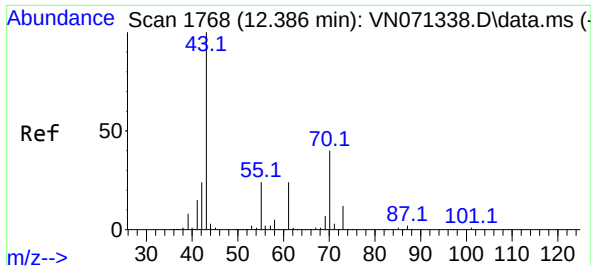


#46
Methyl methacrylate
Concen: 19.768 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



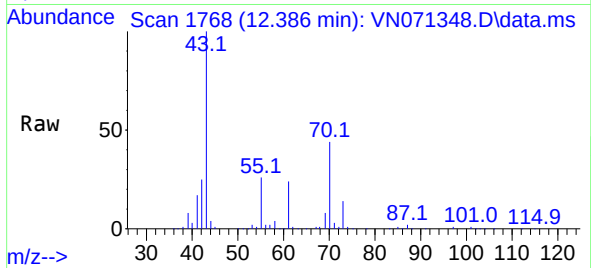
Tgt Ion: 41 Resp: 197612
Ion Ratio Lower Upper
41 100
69 82.1 44.4 133.2
39 55.9 39.9 119.6





#47
n-amy1 Acetate
Concen: 18.022 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

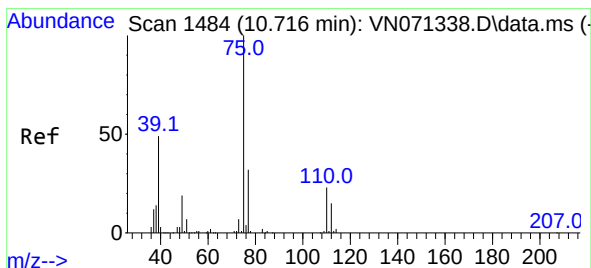
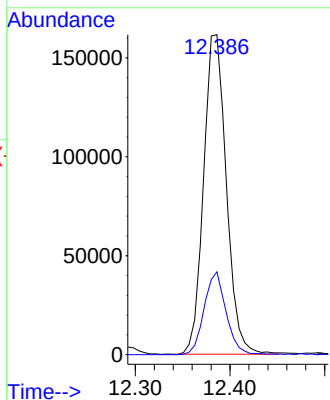
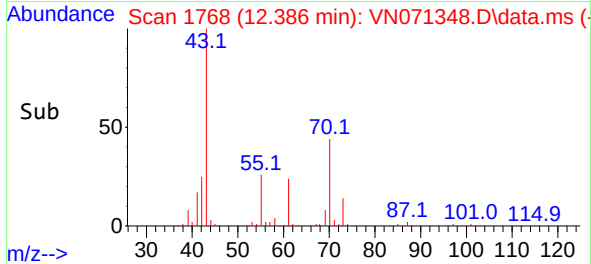
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



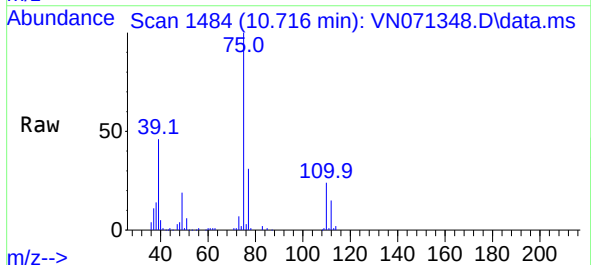
Tgt Ion: 43 Resp: 270130
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.6

Manual Integrations
APPROVED

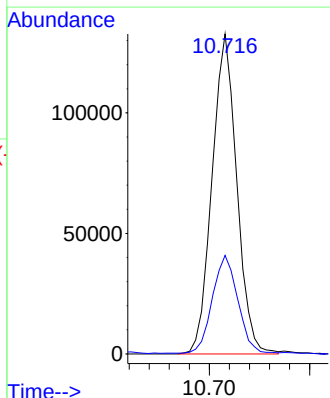
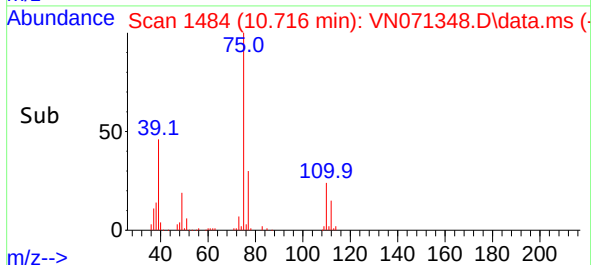
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

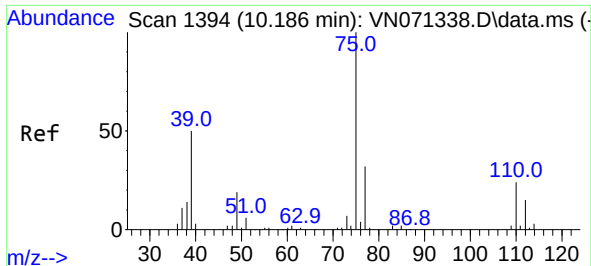


#48
t-1,3-Dichloropropene
Concen: 19.552 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



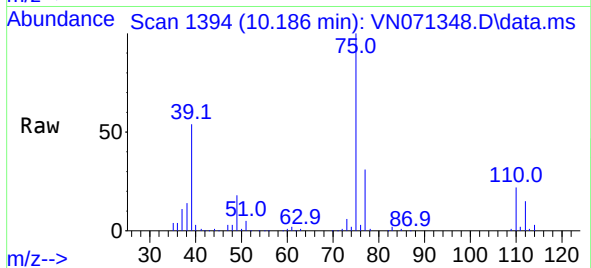
Tgt Ion: 75 Resp: 227434
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.425 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

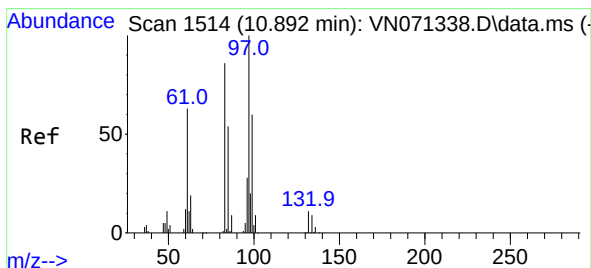
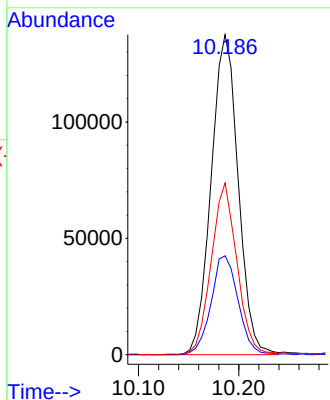
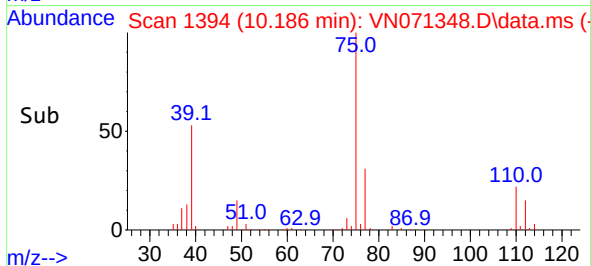
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 75 Resp: 256894
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 53.5 46.2 69.4

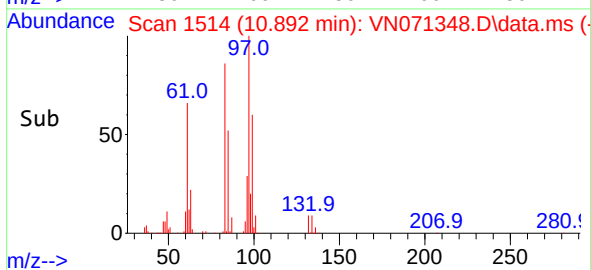
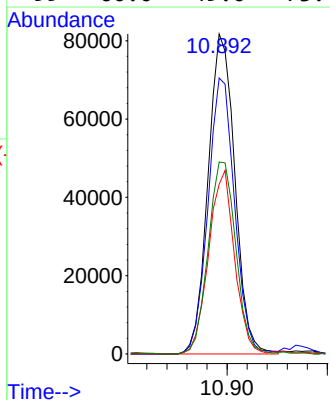
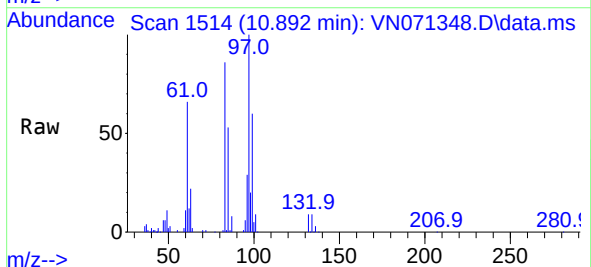
Manual Integrations
APPROVED

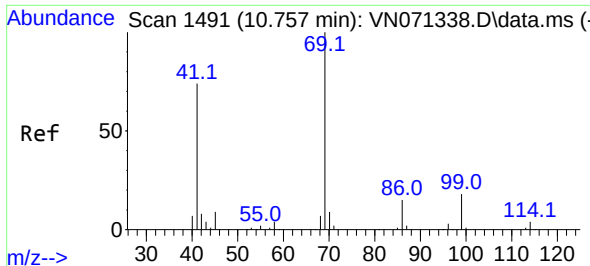
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
1,1,2-Trichloroethane
Concen: 19.648 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

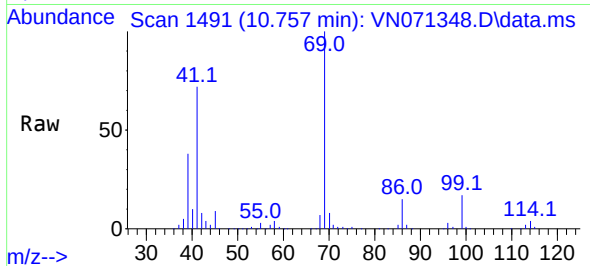
Tgt Ion: 97 Resp: 151552
Ion Ratio Lower Upper
97 100
83 86.3 67.2 100.8
85 53.0 43.0 64.4
99 60.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.733 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

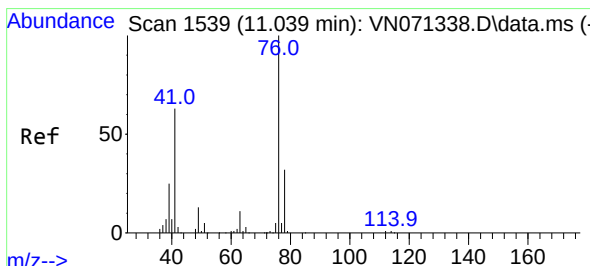
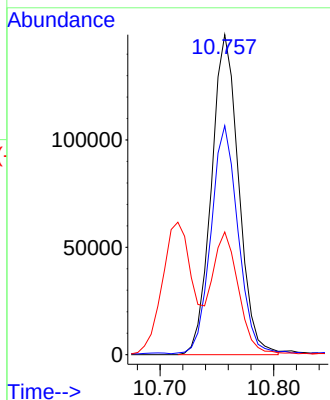
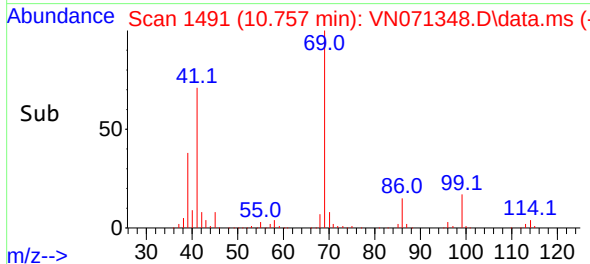
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



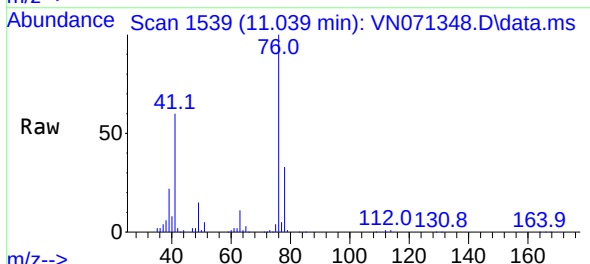
Tgt Ion: 69 Resp: 248568
Ion Ratio Lower Upper
69 100
41 71.0 33.0 98.9
39 37.7 25.4 76.4

Manual Integrations
APPROVED

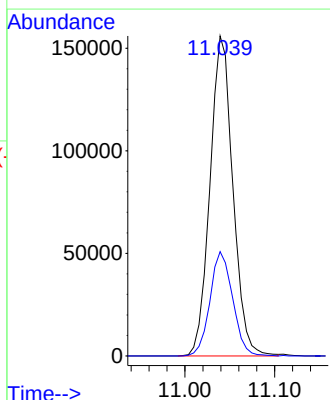
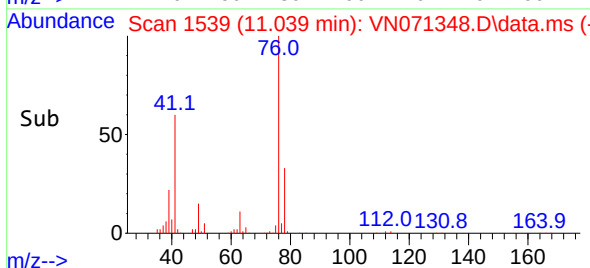
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

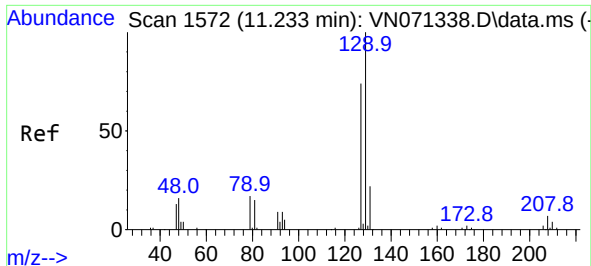


#52
1,3-Dichloropropane
Concen: 19.882 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



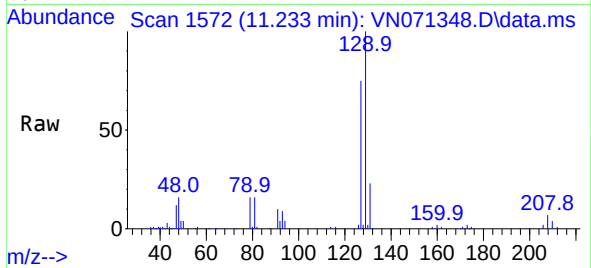
Tgt Ion: 76 Resp: 276184
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 19.298 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

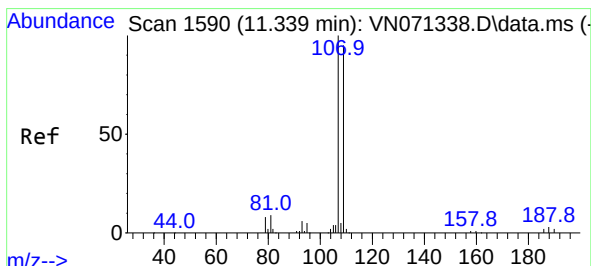
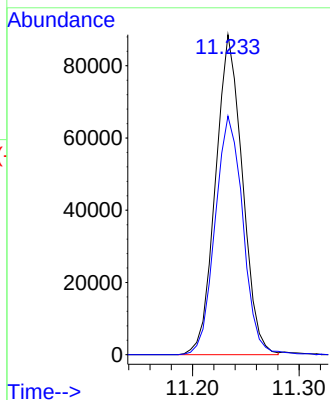
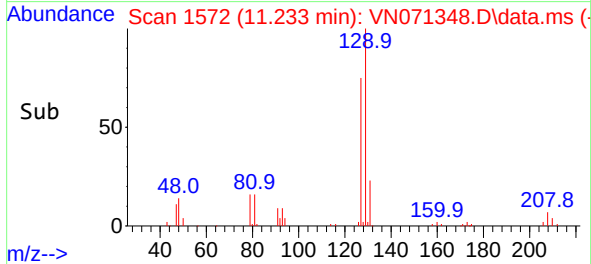
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



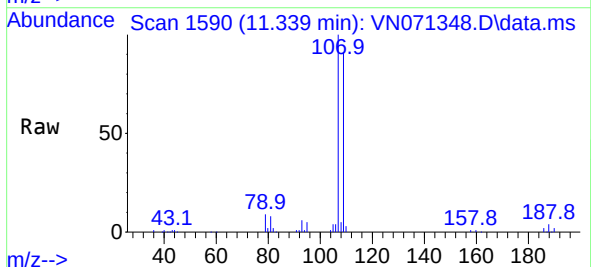
Tgt Ion:129 Resp: 155170
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

Manual Integrations
APPROVED

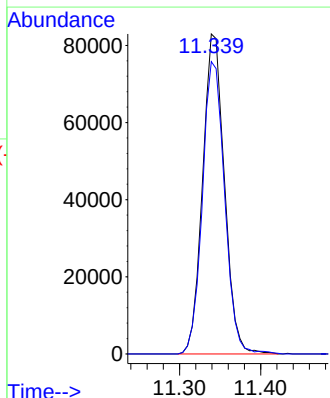
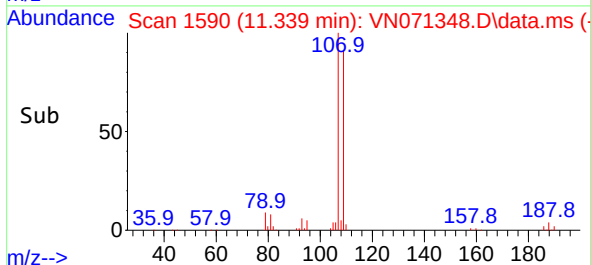
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

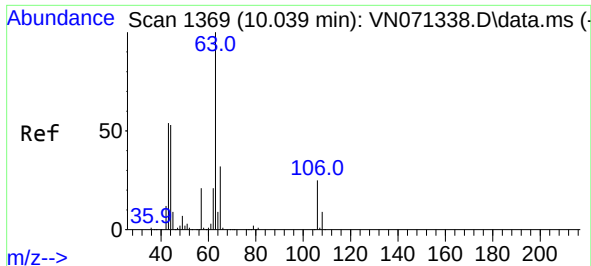


#54
1,2-Dibromoethane
Concen: 19.352 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



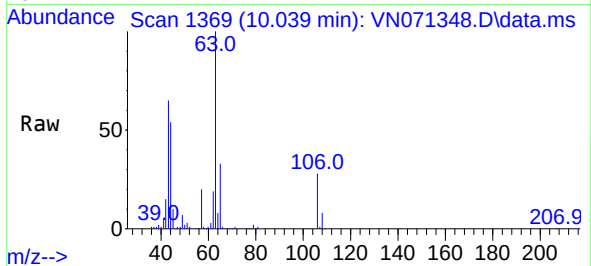
Tgt Ion:107 Resp: 154775
Ion Ratio Lower Upper
107 100
109 92.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 81.146 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

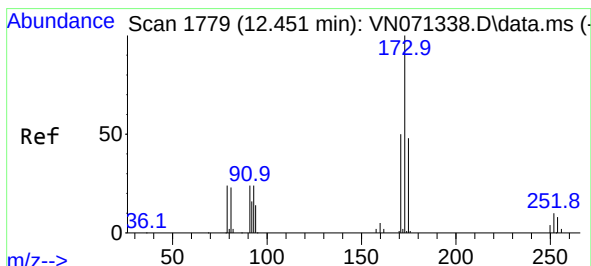
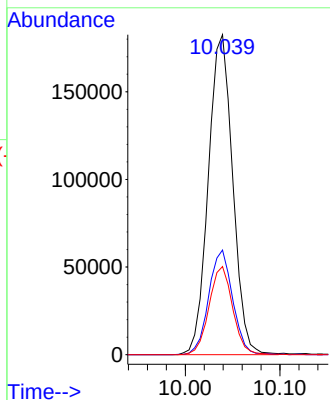
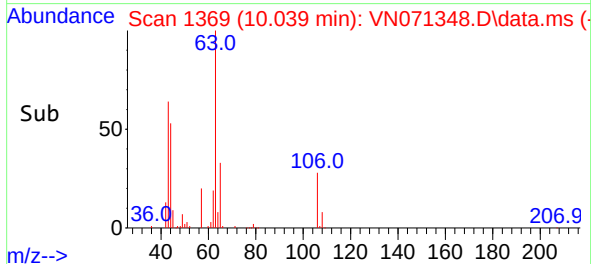
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 63 Resp: 326549
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 26.7 23.2 34.8

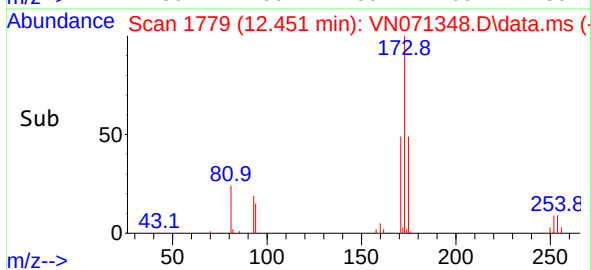
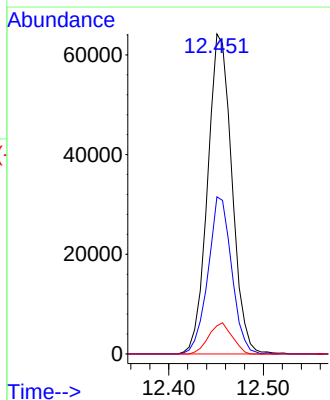
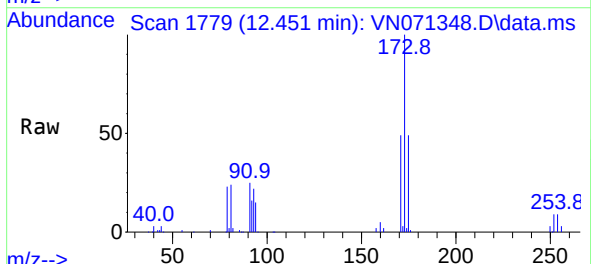
Manual Integrations
APPROVED

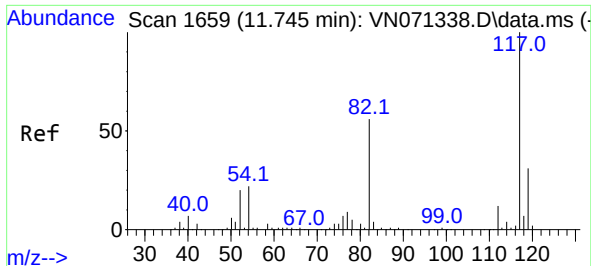
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#56
Bromoform
Concen: 18.451 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Tgt Ion:173 Resp: 114424
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 9.3 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

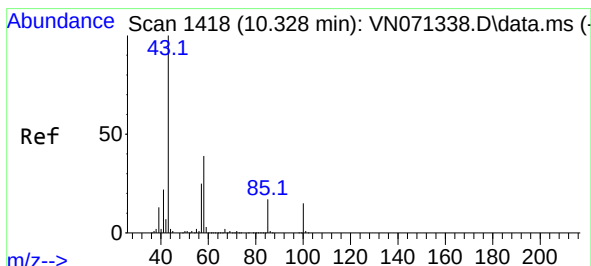
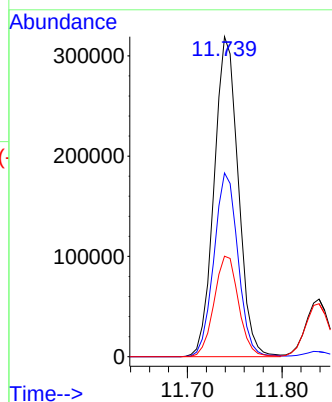
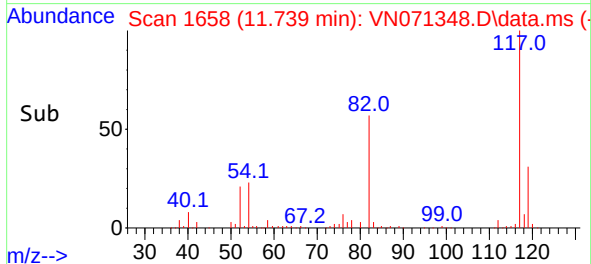
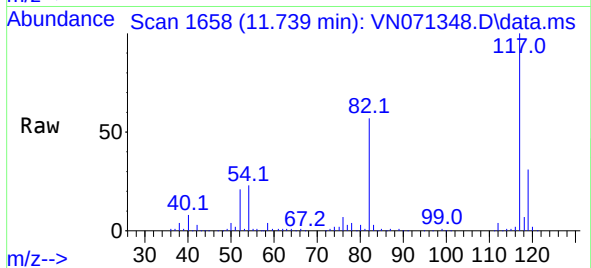
VN0317WBSD01

Tgt Ion:117 Resp: 56552
Ion Ratio Lower Upper
117 100
82 57.2 43.6 65.4
119 31.9 25.8 38.6

Manual Integrations

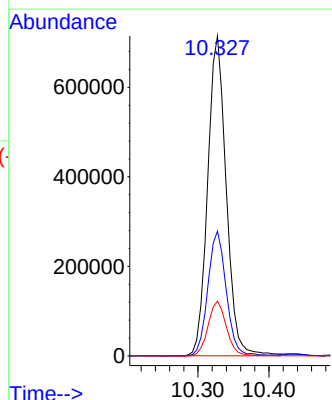
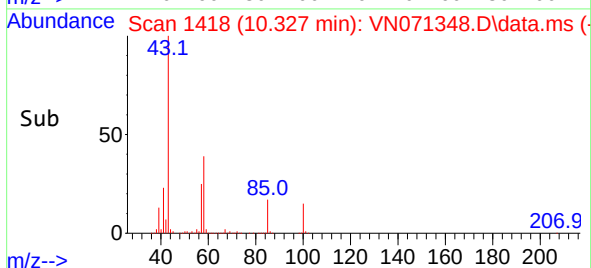
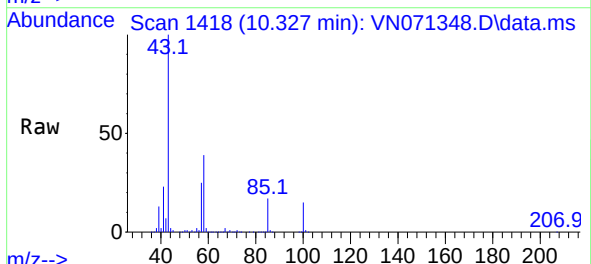
APPROVED

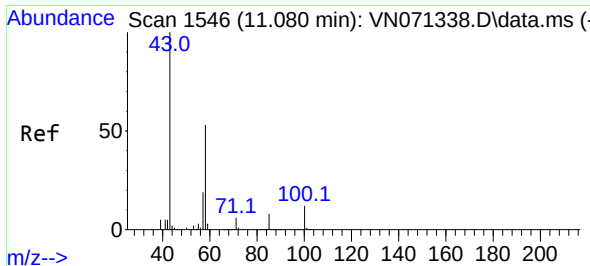
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#58
4-Methyl-2-Pentanone
Concen: 95.578 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

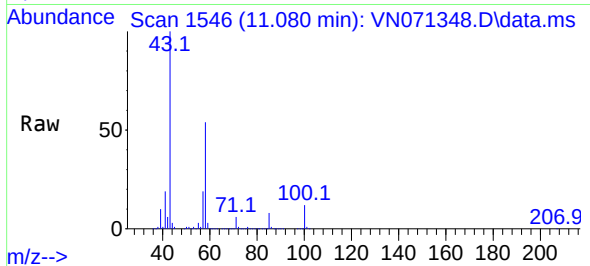
Tgt Ion: 43 Resp: 1297913
Ion Ratio Lower Upper
43 100
58 38.8 30.0 45.0
85 17.1 15.0 22.6





#59
2-Hexanone
Concen: 93.021 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

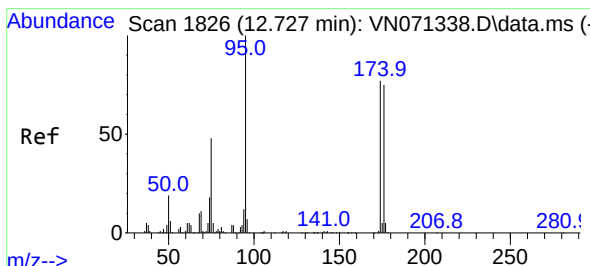
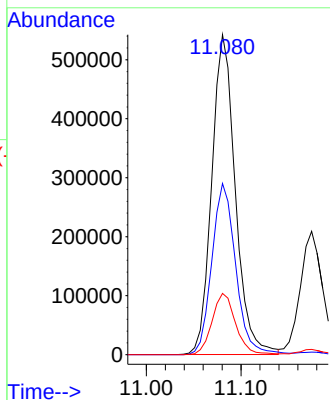
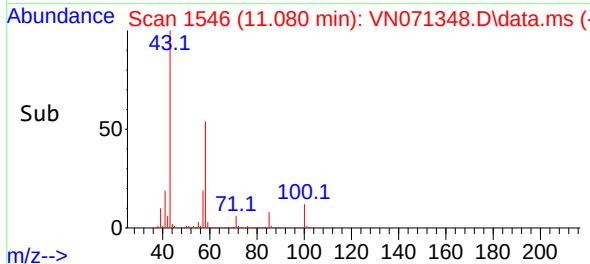
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



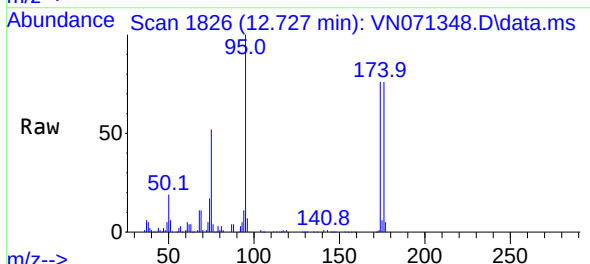
Tgt Ion: 43 Resp: 93897
Ion Ratio Lower Upper
43 100
58 54.2 42.2 63.2
57 19.3 15.0 22.4

Manual Integrations
APPROVED

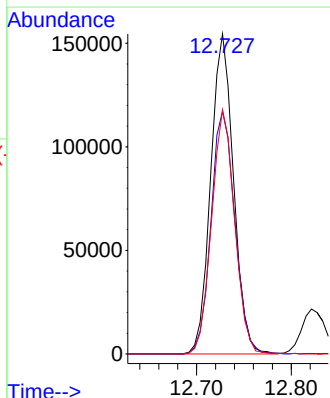
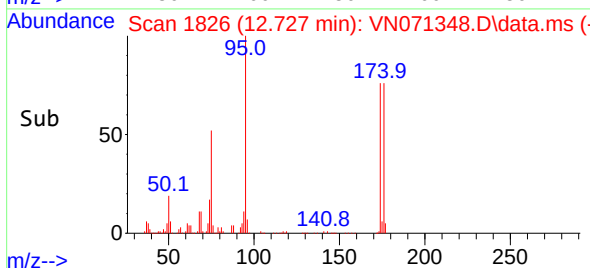
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

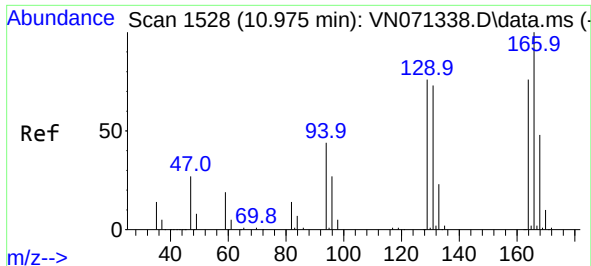


#60
4-Bromofluorobenzene
Concen: 29.574 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



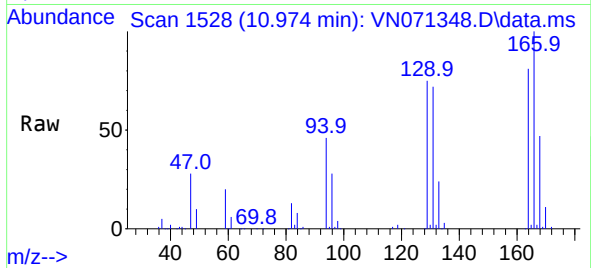
Tgt Ion: 95 Resp: 258383
Ion Ratio Lower Upper
95 100
174 79.3 62.9 94.3
176 77.0 61.0 91.4





#61
Tetrachloroethene
Concen: 21.116 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

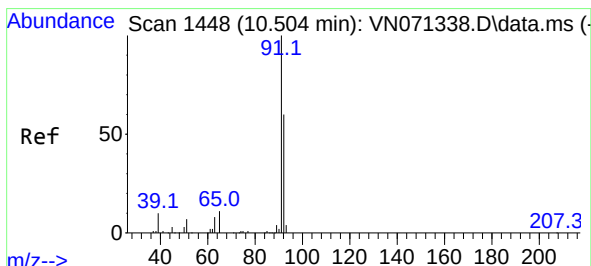
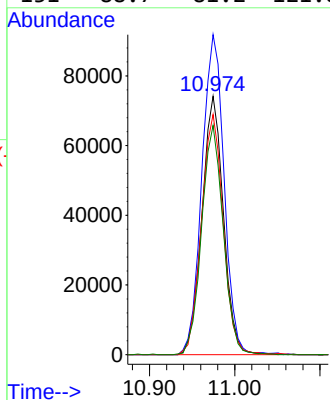
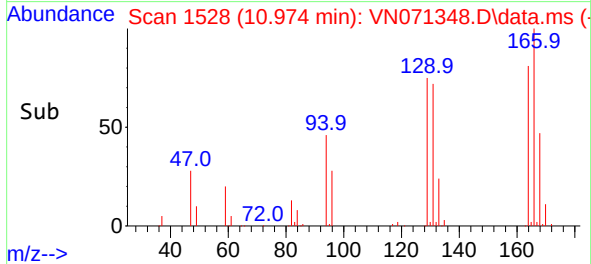
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



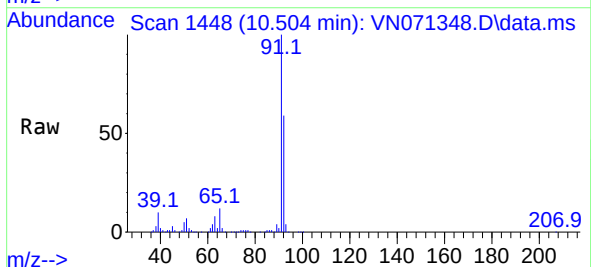
Tgt Ion:164 Resp: 130268
Ion Ratio Lower Upper
164 100
166 123.8 105.8 158.8
129 92.9 82.5 123.7
131 88.7 81.2 121.8

Manual Integrations
APPROVED

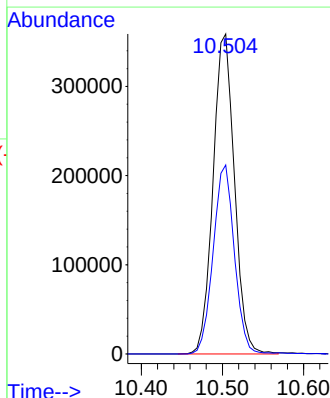
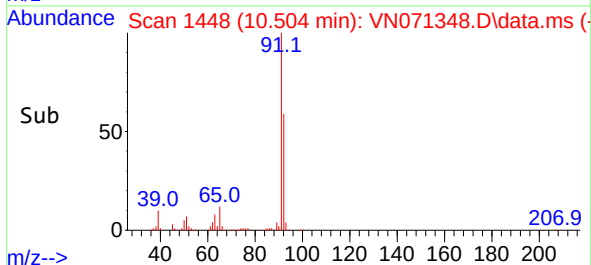
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

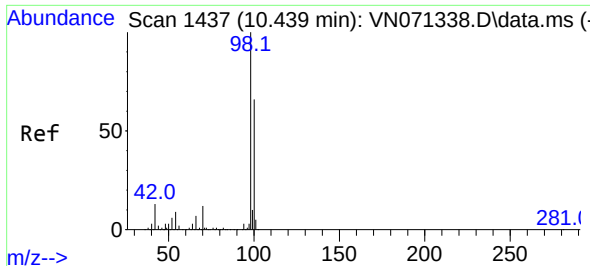


#62
Toluene
Concen: 20.352 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



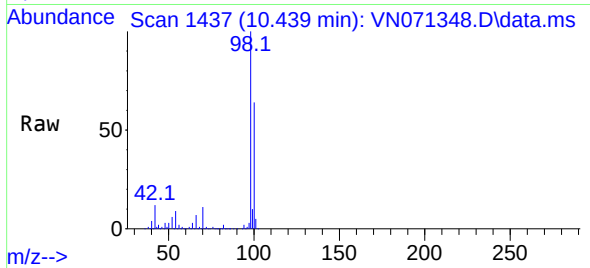
Tgt Ion: 91 Resp: 658055
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0





#63
Toluene-d8
Concen: 30.947 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

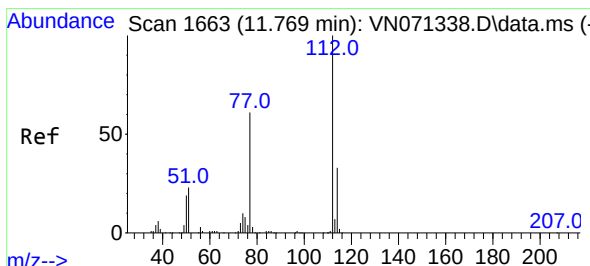
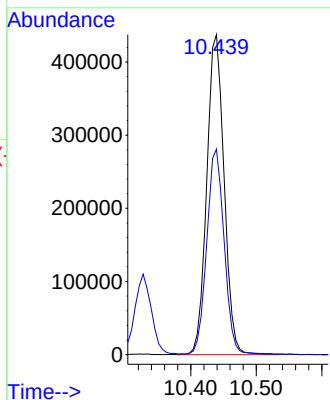
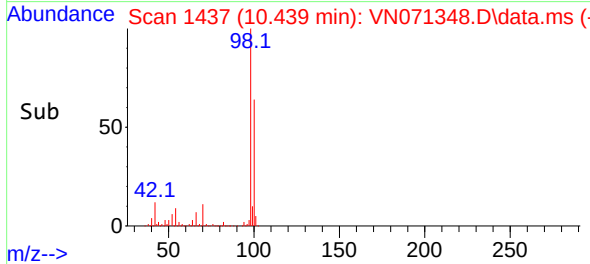
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



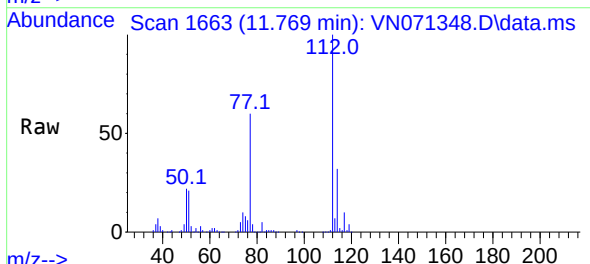
Tgt Ion: 98 Resp: 805094
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

Manual Integrations
APPROVED

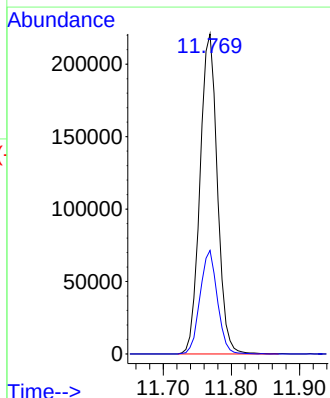
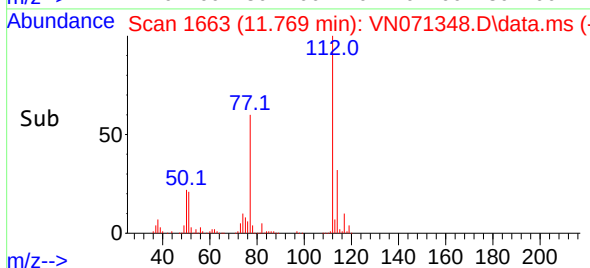
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

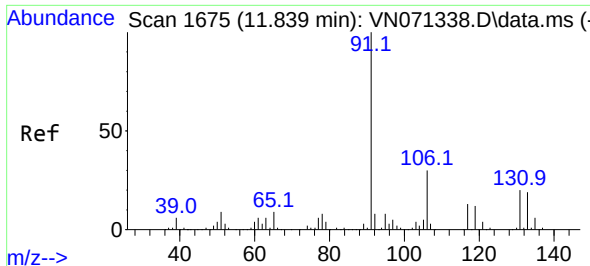


#64
Chlorobenzene
Concen: 19.925 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



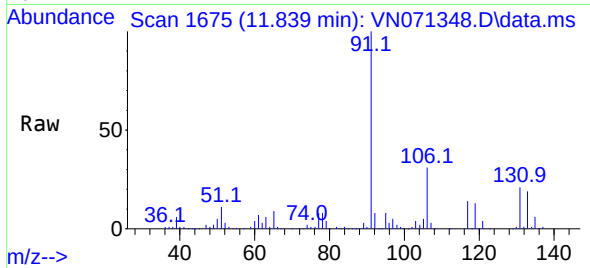
Tgt Ion:112 Resp: 390736
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.448 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

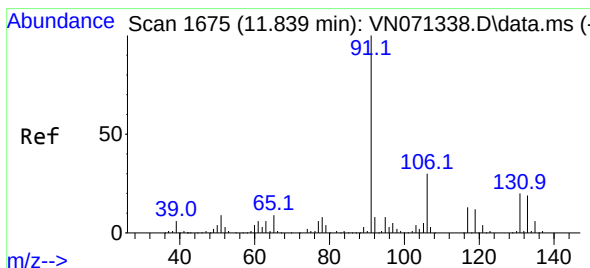
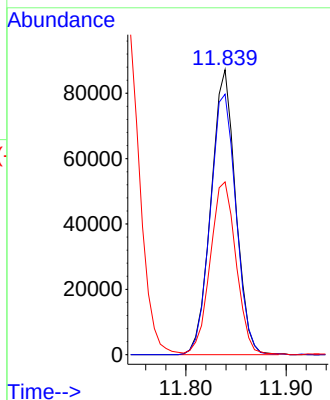
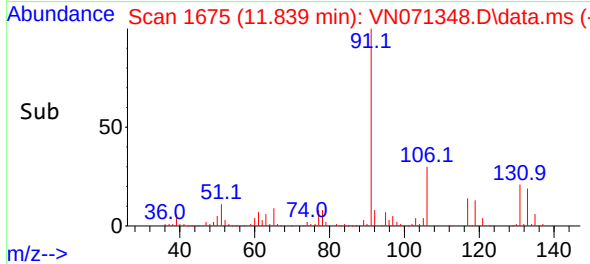
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



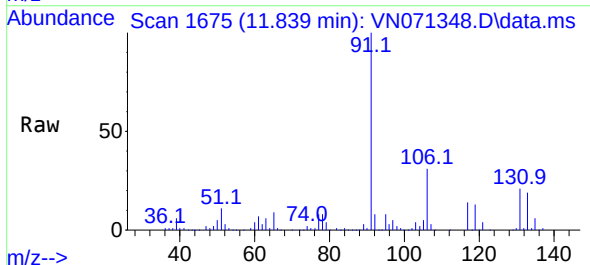
Tgt Ion:131 Resp: 148770
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 63.7 0.0 128.8

Manual Integrations
APPROVED

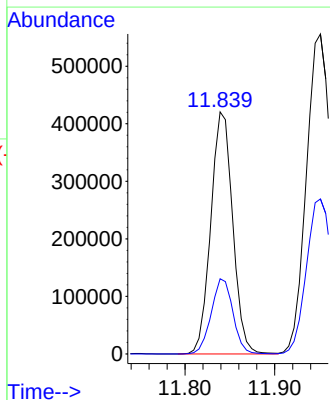
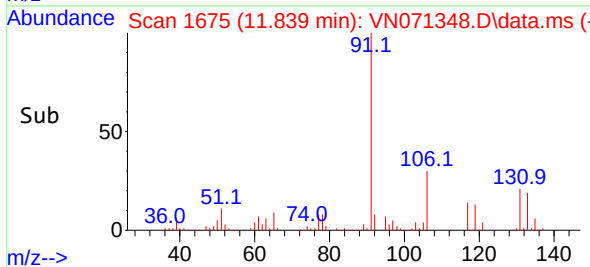
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

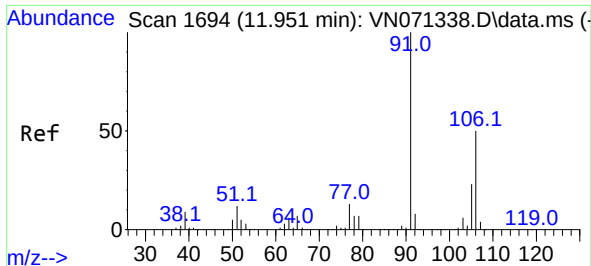


#66
Ethyl Benzene
Concen: 20.046 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



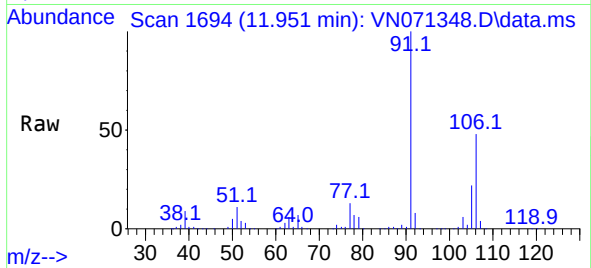
Tgt Ion: 91 Resp: 714290
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

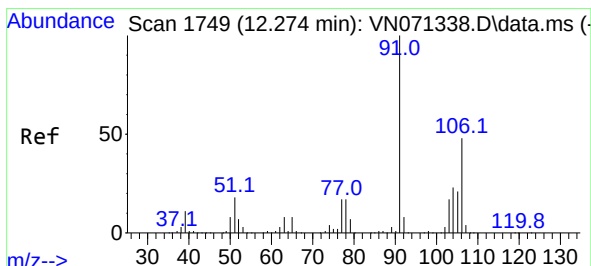
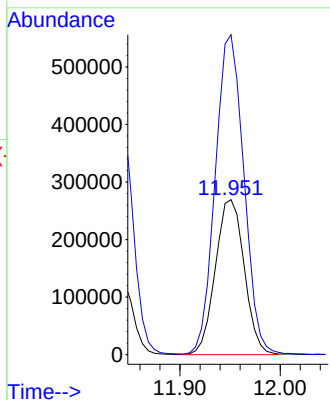
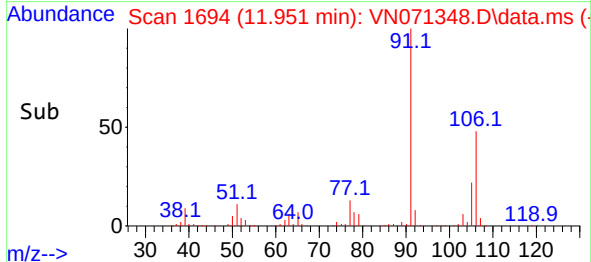
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



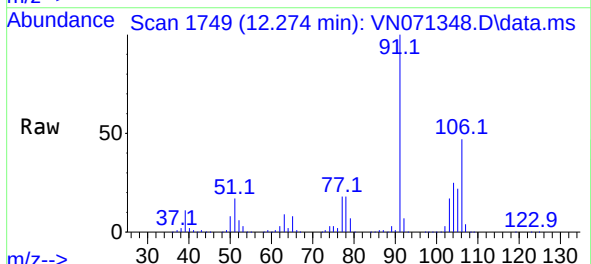
Tgt Ion:106 Resp: 53989
Ion Ratio Lower Upper
106 100
91 204.9 162.9 244.3

Manual Integrations
APPROVED

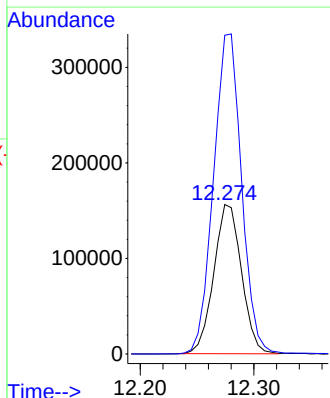
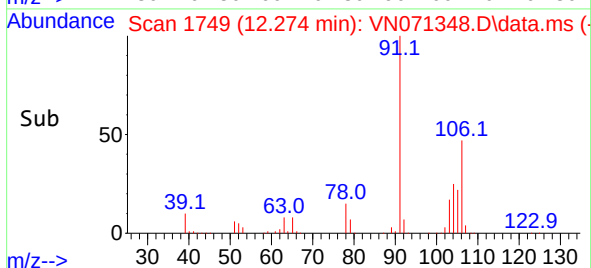
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

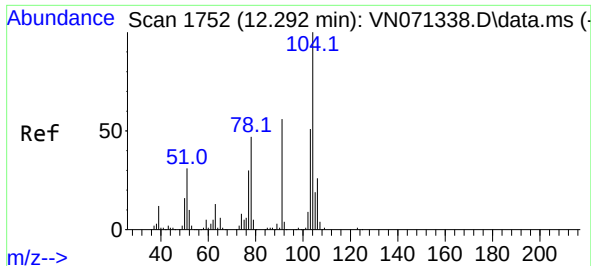


#68
o-Xylene
Concen: 19.646 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



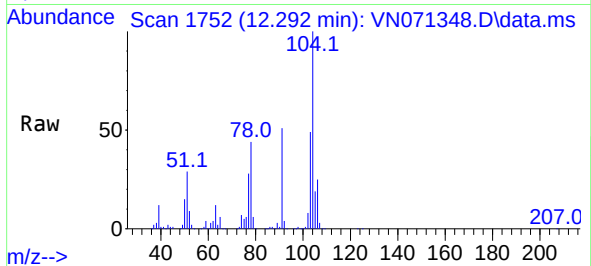
Tgt Ion:106 Resp: 264779
Ion Ratio Lower Upper
106 100
91 217.0 107.7 323.1





#69
Styrene
Concen: 19.947 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

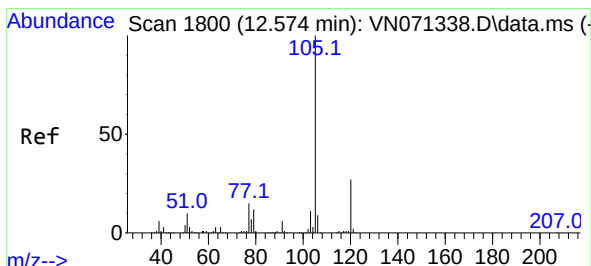
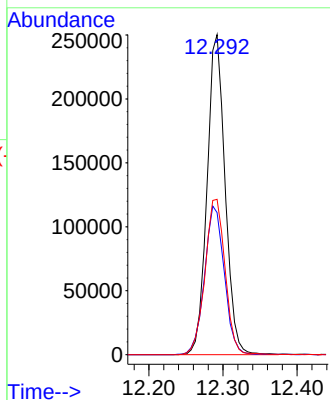
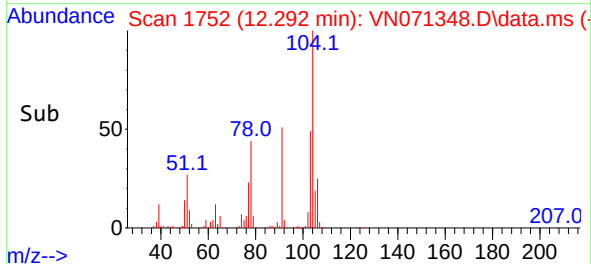
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



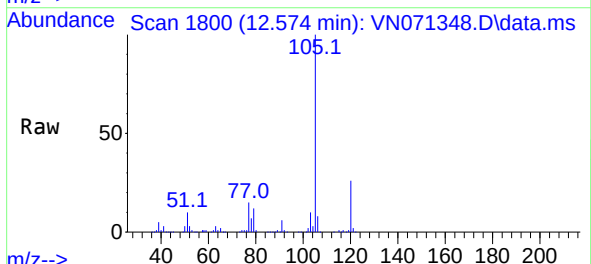
Tgt Ion:104 Resp: 423592
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.1 45.8 68.8

Manual Integrations
APPROVED

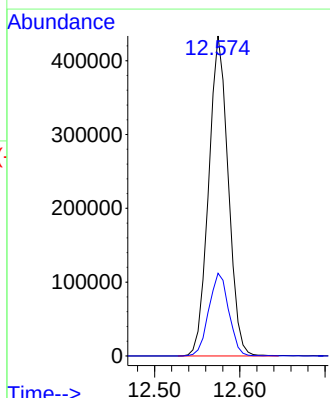
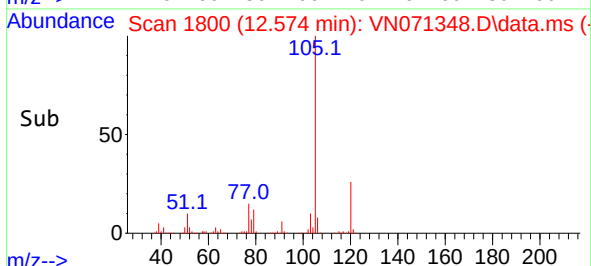
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

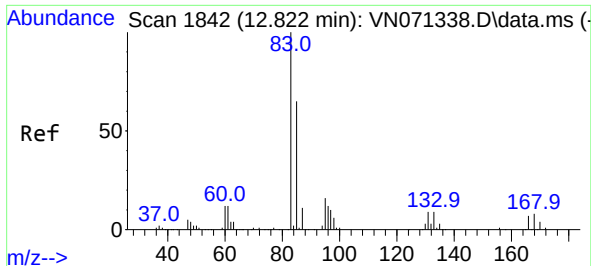


#70
Isopropylbenzene
Concen: 20.323 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



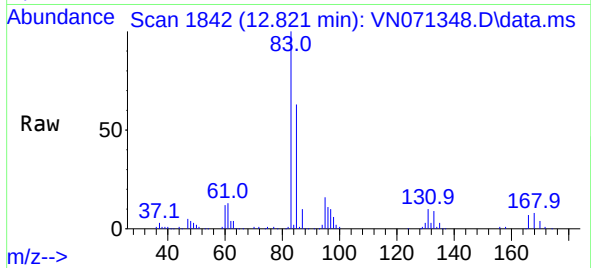
Tgt Ion:105 Resp: 692756
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.645 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

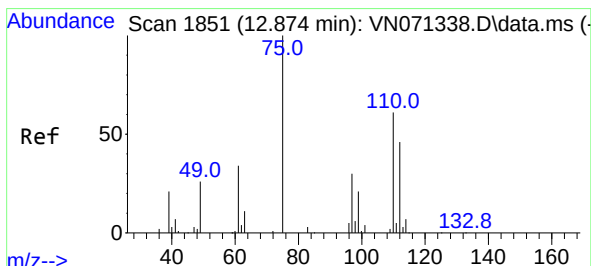
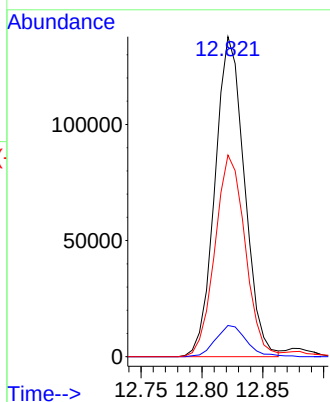
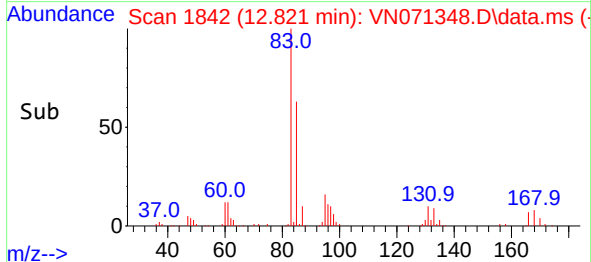
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 83 Resp: 232328
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.5 33.1 99.2

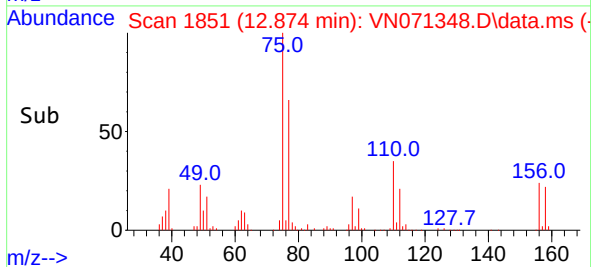
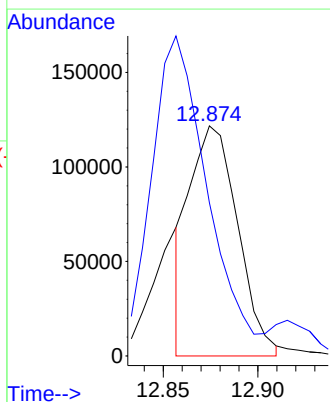
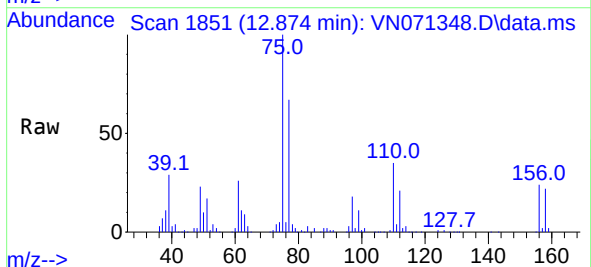
Manual Integrations
APPROVED

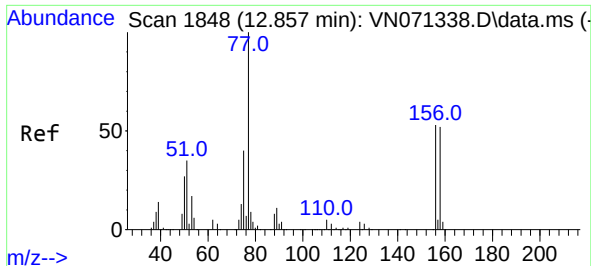
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#72
1,2,3-Trichloropropane
Concen: 20.015 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

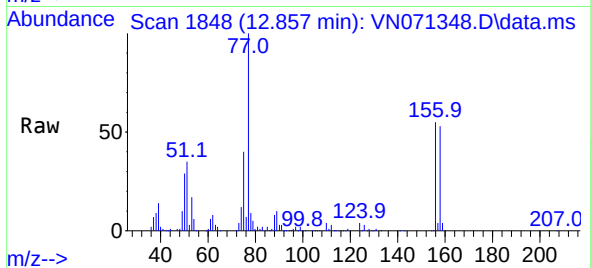
Tgt Ion: 75 Resp: 215139
Ion Ratio Lower Upper
75 100
77 161.3 0.0 378.0





#73
Bromobenzene
Concen: 19.805 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

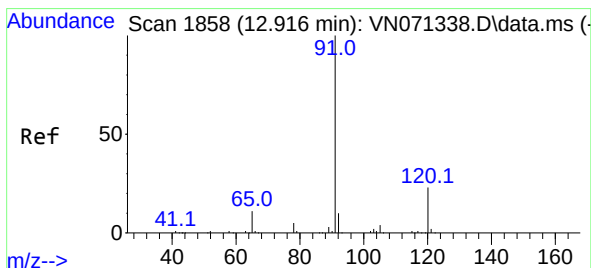
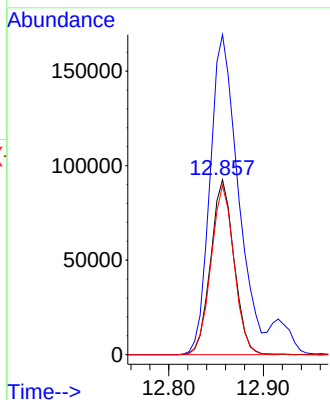
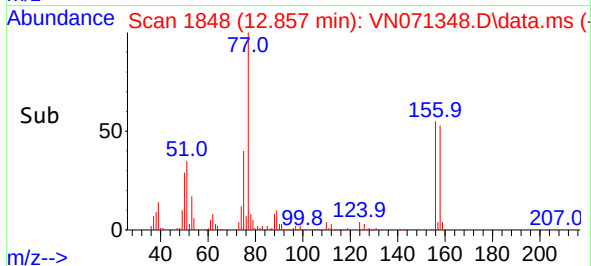
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:156 Resp: 158070
Ion Ratio Lower Upper
156 100
77 219.6 0.0 416.0
158 96.4 0.0 195.4

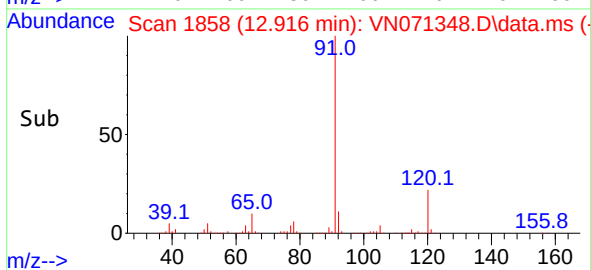
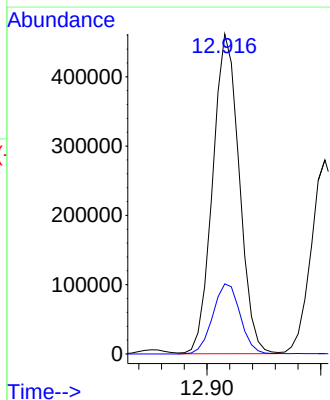
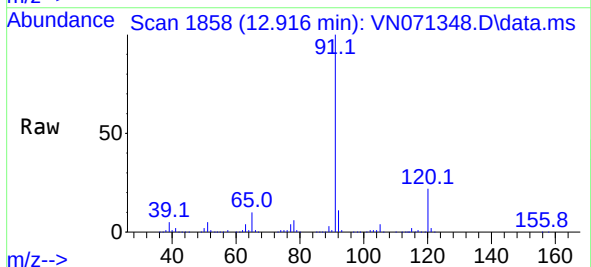
Manual Integrations
APPROVED

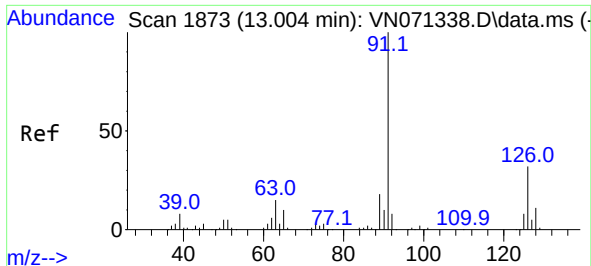
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#74
n-propylbenzene
Concen: 19.955 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Tgt Ion: 91 Resp: 749722
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0





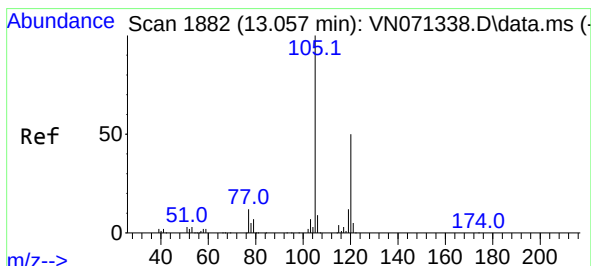
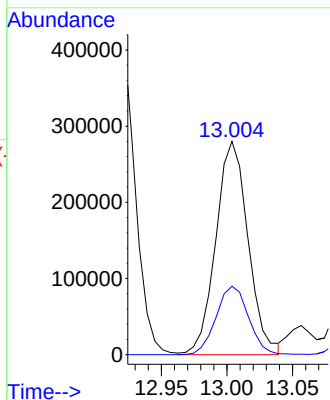
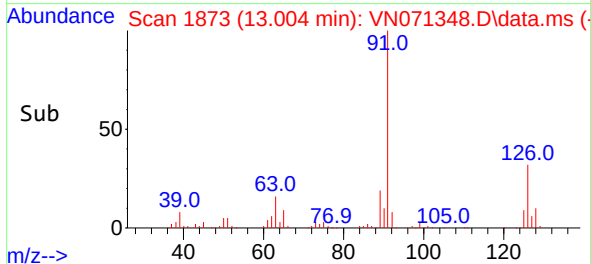
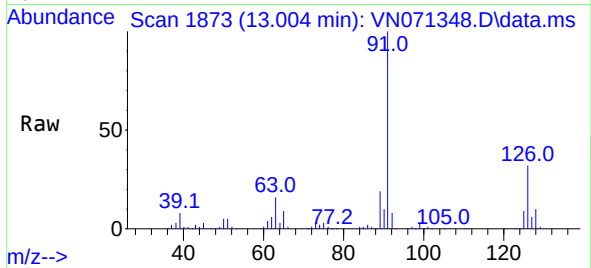
#75
2-Chlorotoluene
Concen: 20.360 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 91 Resp: 479500
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

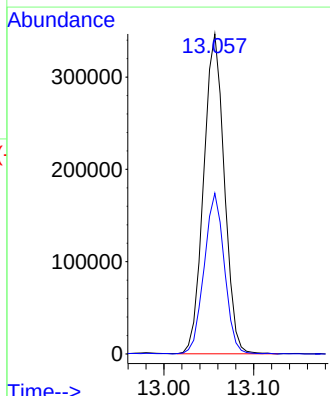
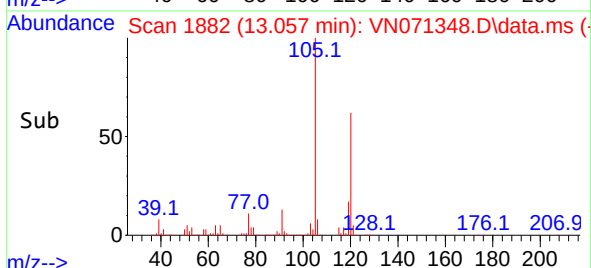
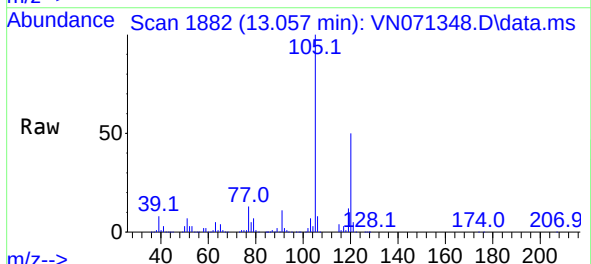
Manual Integrations
APPROVED

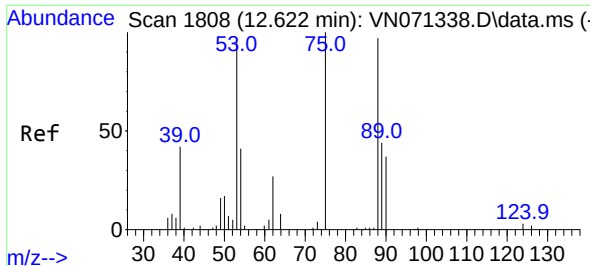
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.457 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

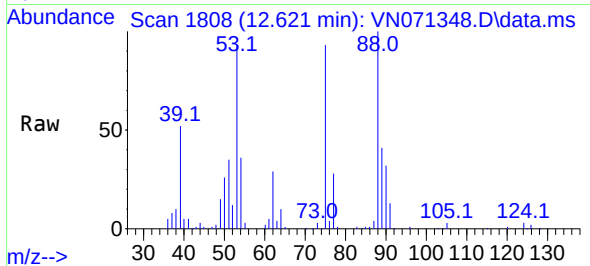
Tgt Ion:105 Resp: 553526
Ion Ratio Lower Upper
105 100
120 49.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.431 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

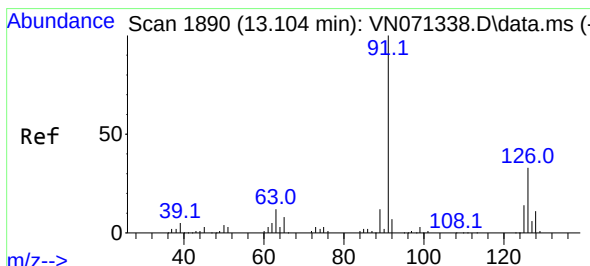
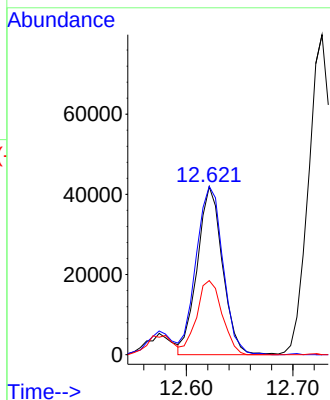
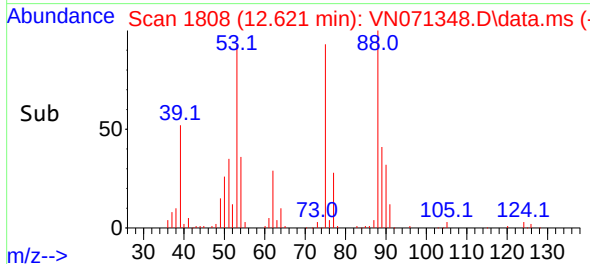
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



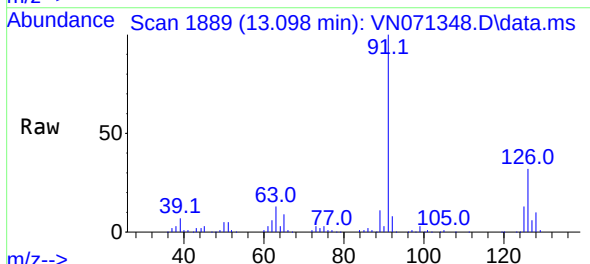
Tgt Ion: 75 Resp: 69160
Ion Ratio Lower Upper
75 100
53 100.5 51.8 155.5
89 44.3 22.9 68.7

Manual Integrations
APPROVED

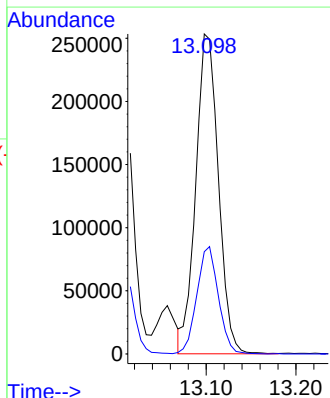
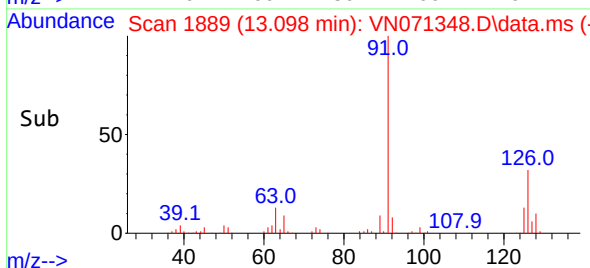
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

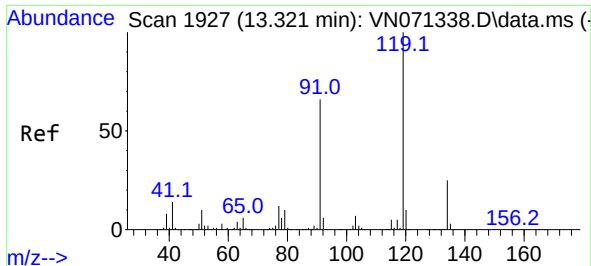


#78
4-Chlorotoluene
Concen: 20.333 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



Tgt Ion: 91 Resp: 443723
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6





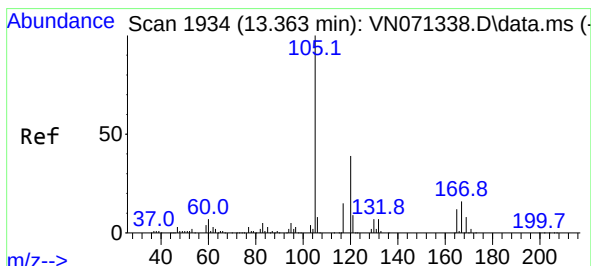
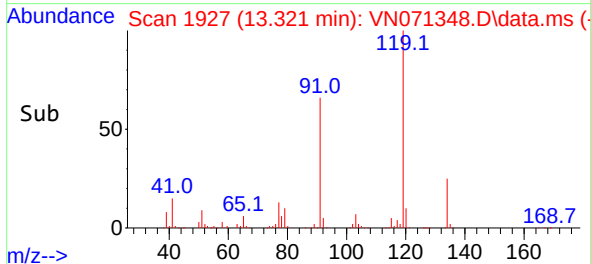
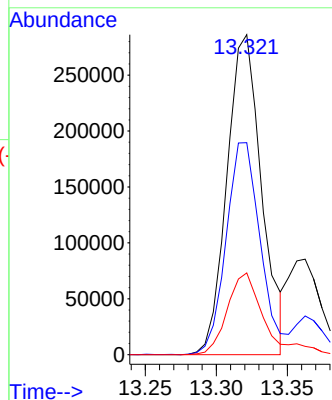
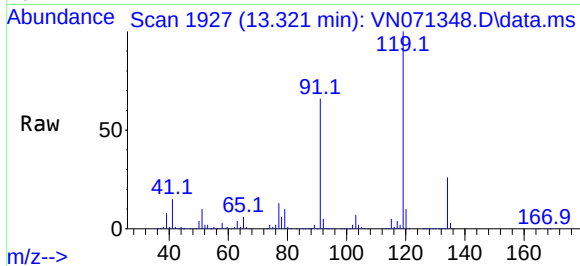
#79
tert-butylbenzene
Concen: 19.707 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion:119 Resp: 486973
Ion Ratio Lower Upper
119 100
91 66.0 0.0 137.0
134 25.2 0.0 47.6

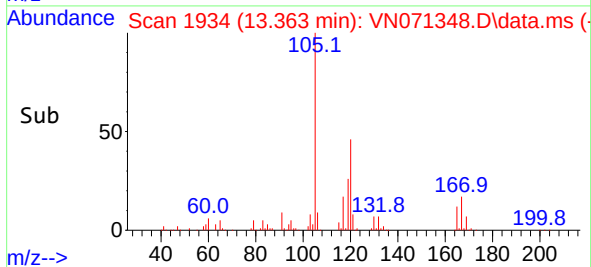
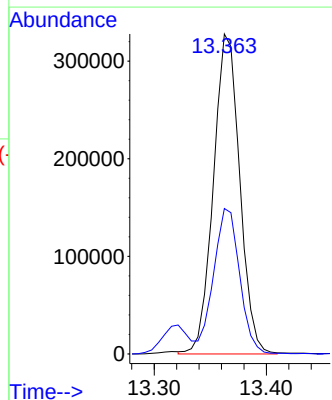
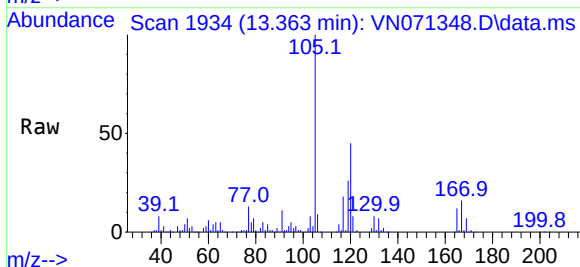
Manual Integrations
APPROVED

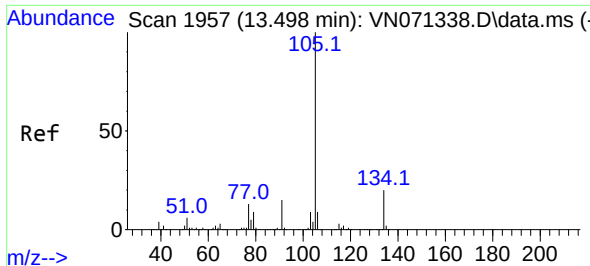
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.355 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Tgt Ion:105 Resp: 534314
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





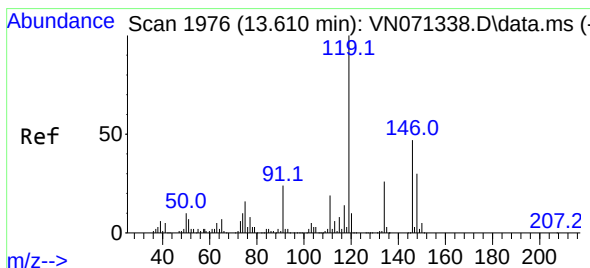
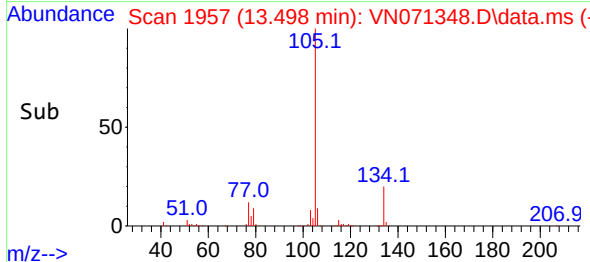
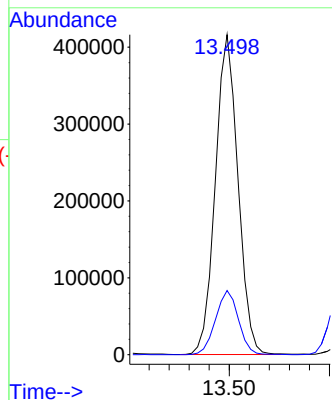
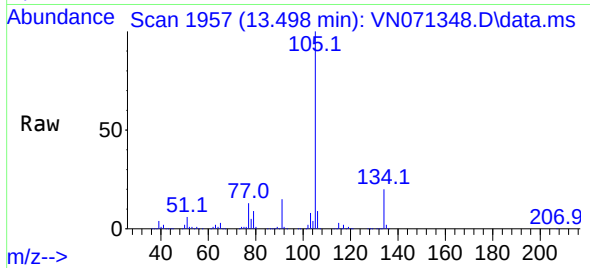
#81
 sec-Butylbenzene
 Concen: 19.786 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071348.D
 Acq: 17 Mar 2022 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Tgt Ion:105 Resp: 650815
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

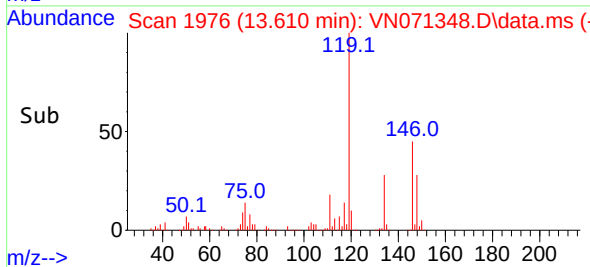
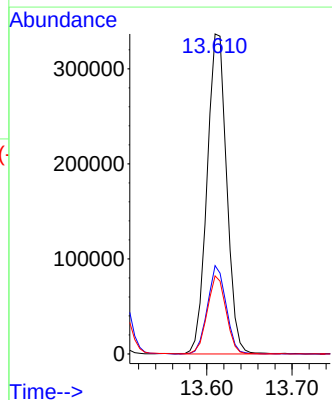
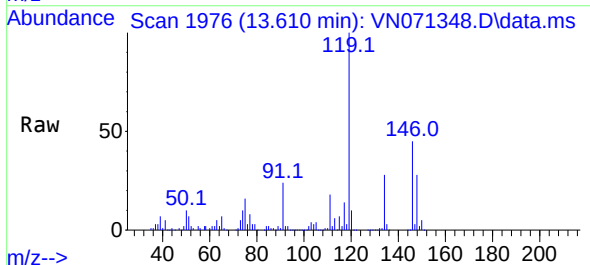
Manual Integrations
 APPROVED

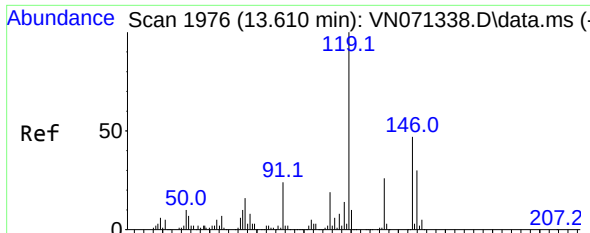
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#82
 p-Isopropyltoluene
 Concen: 20.330 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071348.D
 Acq: 17 Mar 2022 13:31

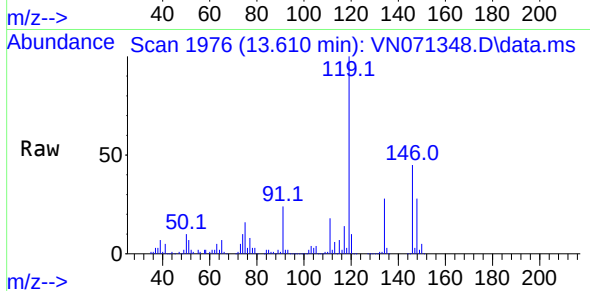
Tgt Ion:119 Resp: 537831
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 23.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.065 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

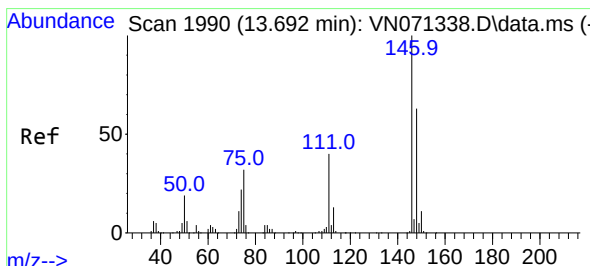
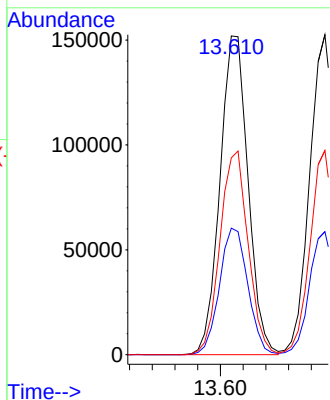
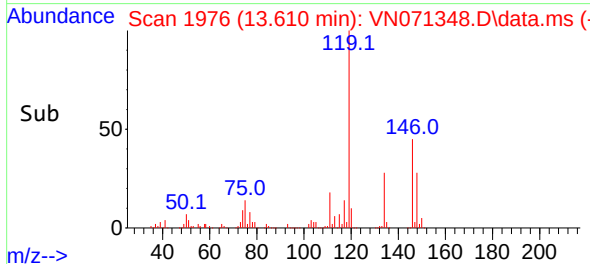
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



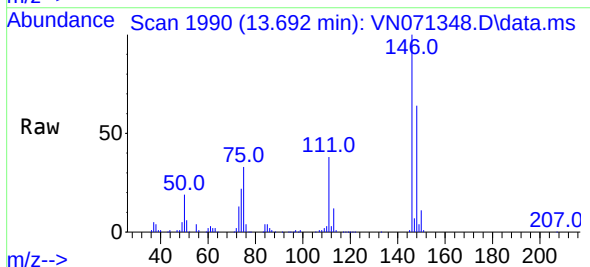
Tgt Ion:146 Resp: 261474
Ion Ratio Lower Upper
146 100
111 40.0 20.8 62.2
148 63.8 31.4 94.3

Manual Integrations
APPROVED

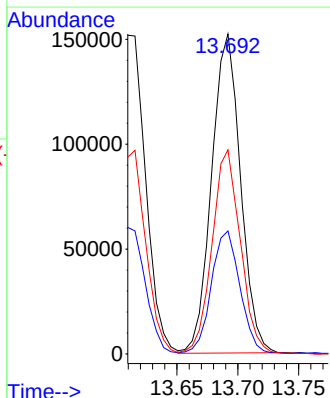
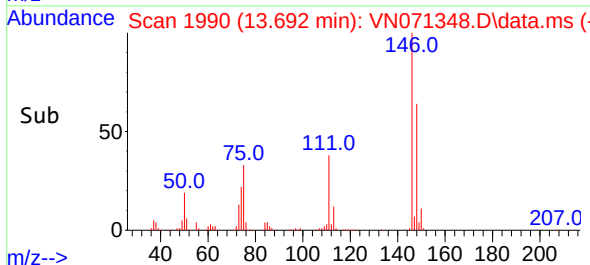
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

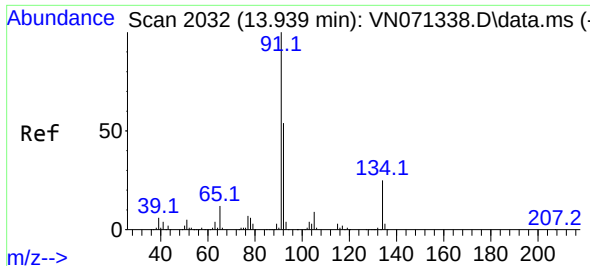


#84
1,4-Dichlorobenzene
Concen: 20.251 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



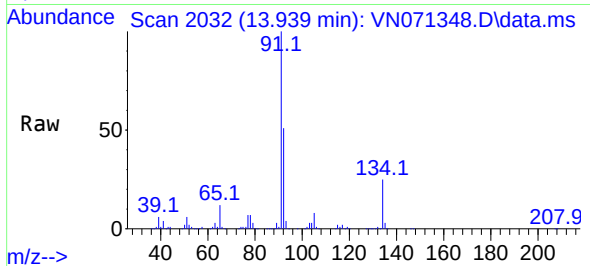
Tgt Ion:146 Resp: 251231
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 62.3 31.1 93.5





#85
n-Butylbenzene
Concen: 20.094 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

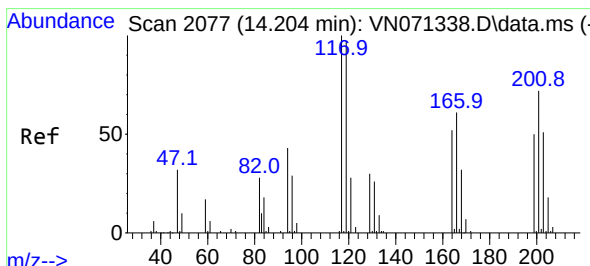
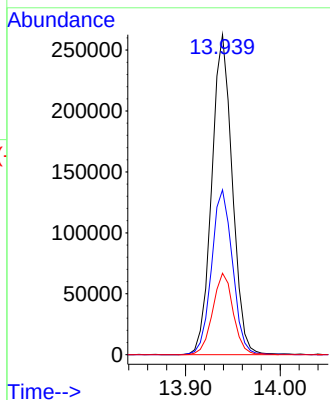
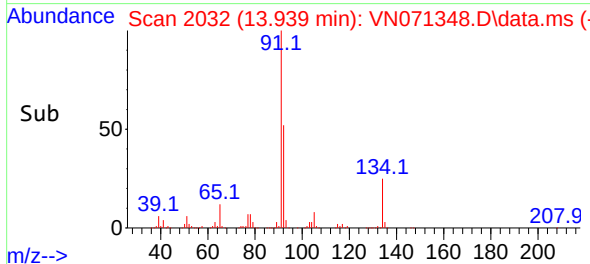
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 91 Resp: 395810
Ion Ratio Lower Upper
91 100
92 52.6 0.0 100.6
134 25.3 0.0 50.2

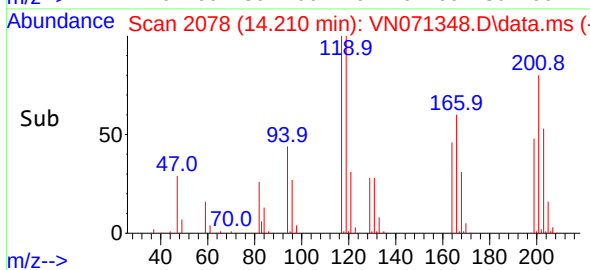
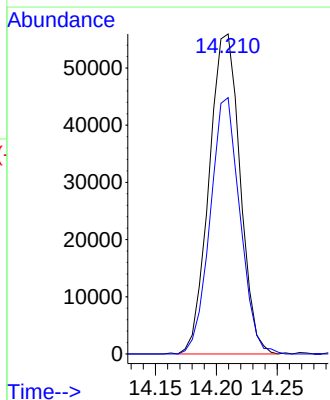
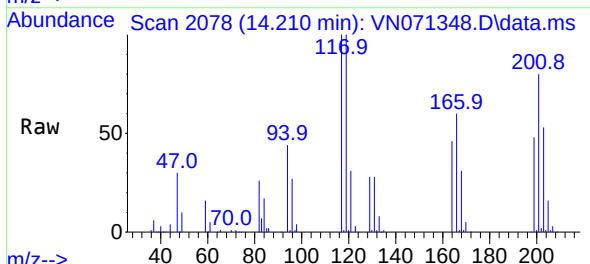
Manual Integrations
APPROVED

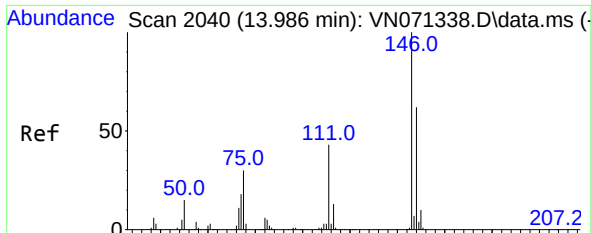
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#86
Hexachloroethane
Concen: 19.670 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

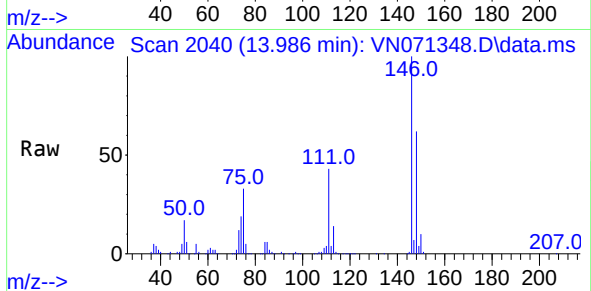
Tgt Ion:117 Resp: 99104
Ion Ratio Lower Upper
117 100
201 76.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.193 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

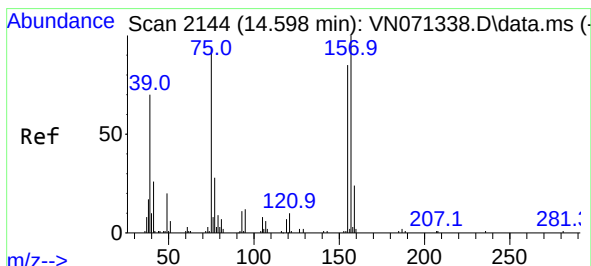
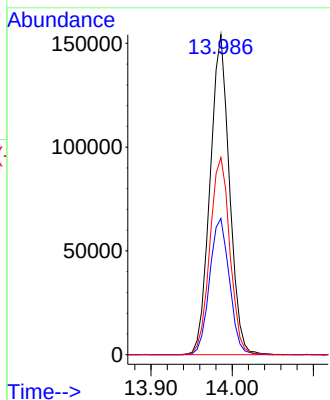
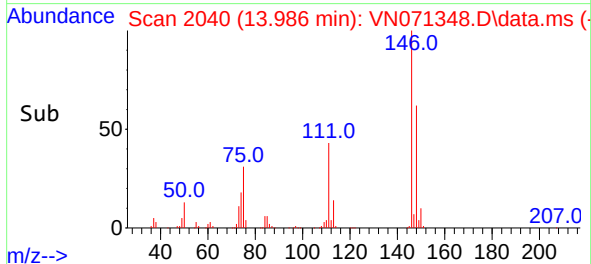
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



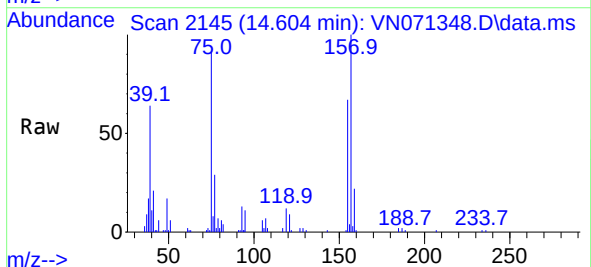
Tgt Ion:146 Resp: 255238
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 63.8 32.5 97.4

Manual Integrations
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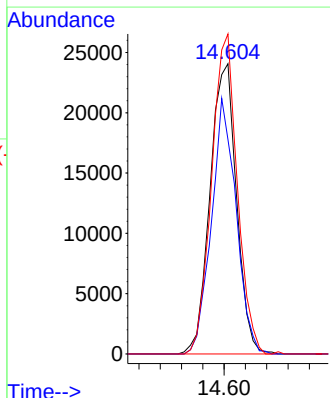
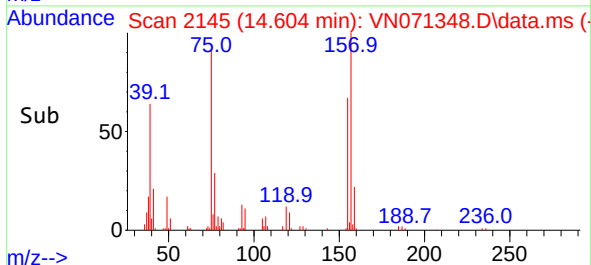
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

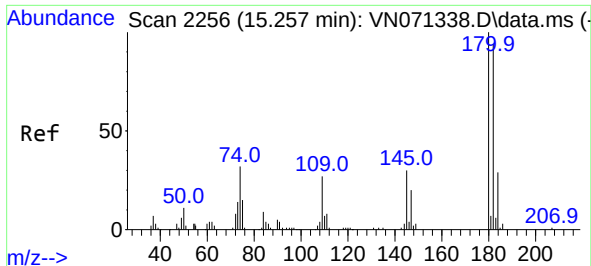


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.280 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



Tgt Ion: 75 Resp: 41516
Ion Ratio Lower Upper
75 100
155 82.2 63.8 95.8
157 106.7 77.9 116.9





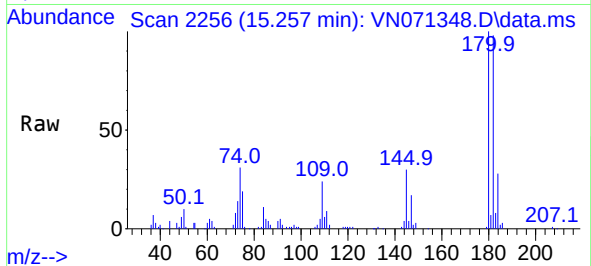
#89
1,2,4-Trichlorobenzene
Concen: 19.459 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

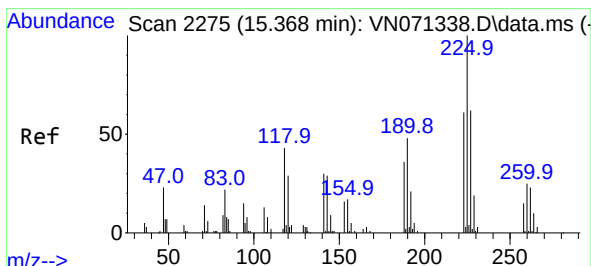
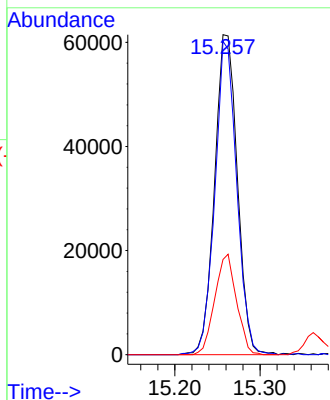
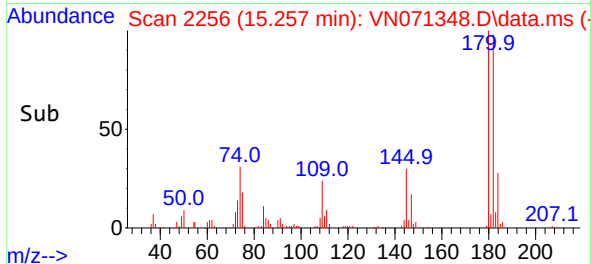


Tgt Ion:180 Resp: 11389
Ion Ratio Lower Upper
180 100
182 94.1 77.7 116.5
145 30.0 26.6 39.8

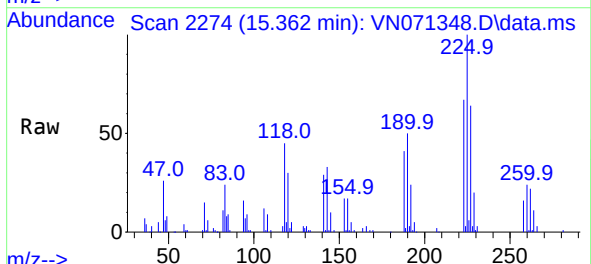
Manual Integrations

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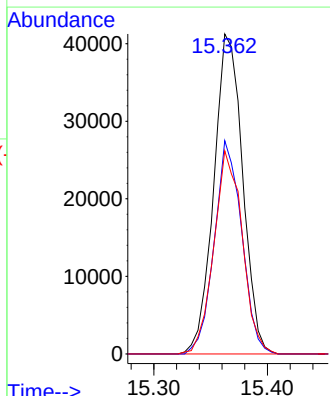
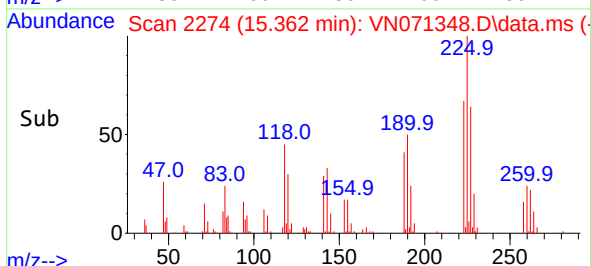
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022

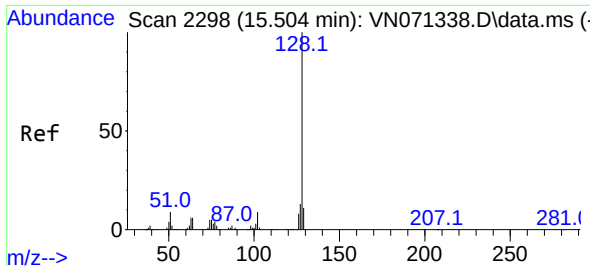


#90
Hexachlorobutadiene
Concen: 22.019 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



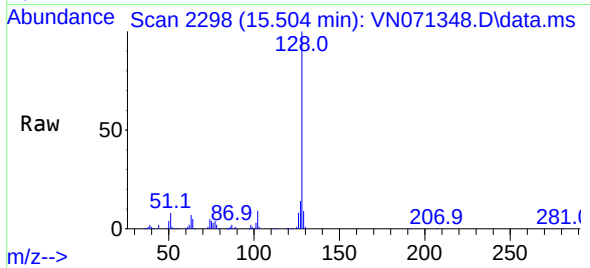
Tgt Ion:225 Resp: 72818
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.8
227 62.6 0.0 123.0





#91
Naphthalene
Concen: 16.894 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31

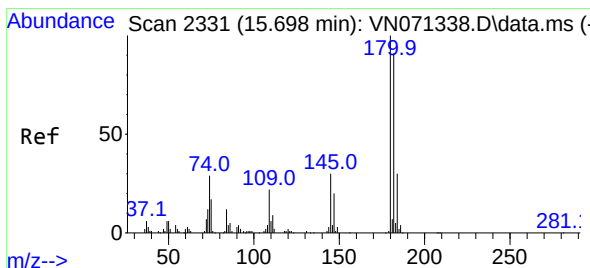
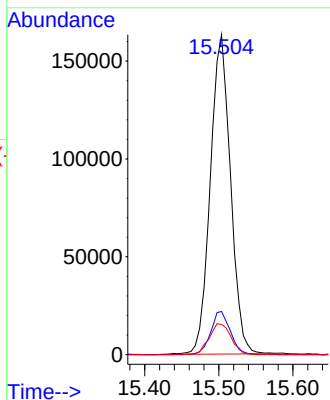
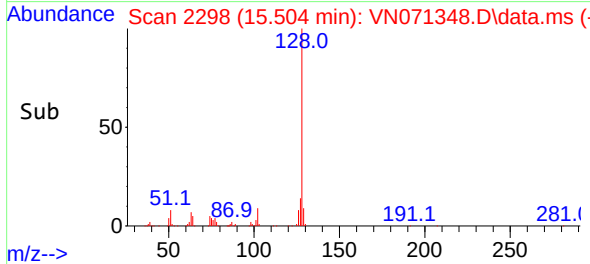
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



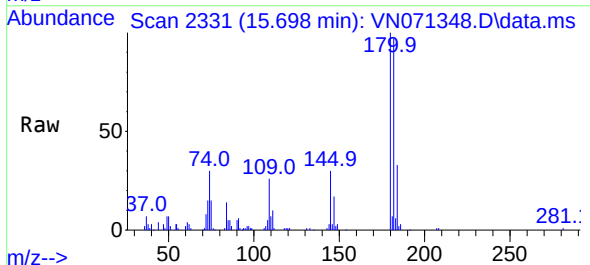
Tgt Ion:128 Resp: 309492
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.480 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071348.D
Acq: 17 Mar 2022 13:31



Tgt Ion:180 Resp: 110933
Ion Ratio Lower Upper
180 100
182 95.9 0.0 190.0
145 32.7 0.0 67.8

