

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071240.D
 Acq On : 11 Mar 2022 09:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	629614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	994044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	920404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	410887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	404024	46.821	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.640%		
35) Dibromofluoromethane	8.016	113	307283	48.987	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.980%		
50) Toluene-d8	10.433	98	1217347	48.200	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.400%		
62) 4-Bromofluorobenzene	12.727	95	436854	51.080	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	308128	44.654	ug/l	98
3) Chloromethane	2.299	50	436711	47.139	ug/l	99
4) Vinyl Chloride	2.440	62	389235	46.028	ug/l	100
5) Bromomethane	2.834	94	212307	57.068	ug/l	96
6) Chloroethane	3.005	64	242816	47.414	ug/l	98
7) Trichlorofluoromethane	3.369	101	517168	46.464	ug/l	96
8) Diethyl Ether	3.822	74	220235	46.239	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	306052	47.498	ug/l	96
10) Methyl Iodide	4.416	142	394411	43.338	ug/l	99
11) Tert butyl alcohol	5.357	59	367614	216.862	ug/l	99
12) 1,1-Dichloroethene	4.181	96	292665	46.366	ug/l	91
13) Acrolein	4.034	56	367488	204.816	ug/l	99
14) Allyl chloride	4.840	41	640575	46.660	ug/l	86
15) Acrylonitrile	5.546	53	1150609	228.593	ug/l	99
16) Acetone	4.281	43	939689	223.808	ug/l	96
17) Carbon Disulfide	4.528	76	783241	43.586	ug/l	99
18) Methyl Acetate	4.846	43	557088	49.410	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1141117	48.150	ug/l	96
20) Methylene Chloride	5.093	84	365212	47.611	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	321972	46.634	ug/l	93
22) Diisopropyl ether	6.493	45	1297778	47.983	ug/l	90
23) Vinyl Acetate	6.428	43	5648148	246.673	ug/l	98
24) 1,1-Dichloroethane	6.381	63	672035	47.022	ug/l	99
25) 2-Butanone	7.328	43	1564131	231.260	ug/l	96
26) 2,2-Dichloropropane	7.322	77	546392	49.556	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	387122	47.243	ug/l	89
28) Bromochloromethane	7.651	49	294049	46.202	ug/l	82
29) Tetrahydrofuran	7.675	42	1068088	227.951	ug/l	92
30) Chloroform	7.810	83	645438	47.350	ug/l	99
31) Cyclohexane	8.092	56	624612	45.328	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	549693	47.342	ug/l	97
36) 1,1-Dichloropropene	8.216	75	489586	48.713	ug/l	96
37) Ethyl Acetate	7.404	43	640733	46.323	ug/l	97
38) Carbon Tetrachloride	8.198	117	477472	49.116	ug/l	99
39) Methylcyclohexane	9.451	83	600227	50.766	ug/l	96
40) Benzene	8.451	78	1483343	48.986	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	324849	47.991	ug/l	87
42) 1,2-Dichloroethane	8.522	62	520703	49.415	ug/l	99
43) Isopropyl Acetate	8.551	43	1033548	49.968	ug/l	95
44) Trichloroethene	9.210	130	356269	49.864	ug/l	96
45) 1,2-Dichloropropane	9.486	63	399841	49.189	ug/l	99
46) Dibromomethane	9.575	93	247679	49.505	ug/l	97
47) Bromodichloromethane	9.757	83	505843	50.030	ug/l	99
48) Methyl methacrylate	9.551	41	484101	50.504	ug/l #	82
49) 1,4-Dioxane	9.563	88	163097	978.884	ug/l #	87
51) 4-Methyl-2-Pentanone	10.322	43	3173053	247.186	ug/l	100
52) Toluene	10.498	92	929787	49.864	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	572631	51.378	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	609703	50.065	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	363569	48.659	ug/l	97
56) Ethyl methacrylate	10.757	69	622571	51.022	ug/l	91
57) 1,3-Dichloropropane	11.039	76	660122	49.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	9073	31.010	ug/l	98
59) 2-Hexanone	11.081	43	2298010	262.372	ug/l	100
60) Dibromochloromethane	11.233	129	385518	51.929	ug/l	100
61) 1,2-Dibromoethane	11.339	107	370806	48.557	ug/l	99
64) Tetrachloroethene	10.975	164	311276	48.491	ug/l	96
65) Chlorobenzene	11.763	112	966599	48.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	360104	49.685	ug/l	99
67) Ethyl Benzene	11.839	91	1787807	51.155	ug/l	99
68) m/p-Xylenes	11.945	106	1373501	107.428	ug/l	99
69) o-Xylene	12.275	106	675446	52.703	ug/l	99
70) Styrene	12.286	104	1101205	55.509	ug/l	97
71) Bromoform	12.451	173	290697	52.815	ug/l #	100
73) Isopropylbenzene	12.575	105	1733990	43.778	ug/l	99
74) N-amyl acetate	12.380	43	704013	47.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	576989	48.968	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	514015m	51.712	ug/l	
77) Bromobenzene	12.857	156	410680	44.464	ug/l	82
78) n-propylbenzene	12.916	91	2008377	47.253	ug/l	97
79) 2-Chlorotoluene	13.004	91	1209695	44.337	ug/l	94
80) 1,3,5-Trimethylbenzene	13.051	105	1443809	46.853	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	188563	49.609	ug/l	90
82) 4-Chlorotoluene	13.098	91	1172947	48.265	ug/l	94
83) tert-Butylbenzene	13.316	119	1270611	46.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1428621	48.401	ug/l	100
85) sec-Butylbenzene	13.498	105	1741671	47.648	ug/l	99
86) p-Isopropyltoluene	13.610	119	1451013	50.476	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	703157	46.854	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	689992	47.035	ug/l	98
89) n-Butylbenzene	13.939	91	1149319	51.117	ug/l	97
90) Hexachloroethane	14.204	117	252965	44.250	ug/l	88
91) 1,2-Dichlorobenzene	13.980	146	668156	46.310	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105420	45.743	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	315156	46.993	ug/l	100
94) Hexachlorobutadiene	15.363	225	191200	47.205	ug/l	99
95) Naphthalene	15.498	128	899058	47.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	307106	47.738	ug/l	99

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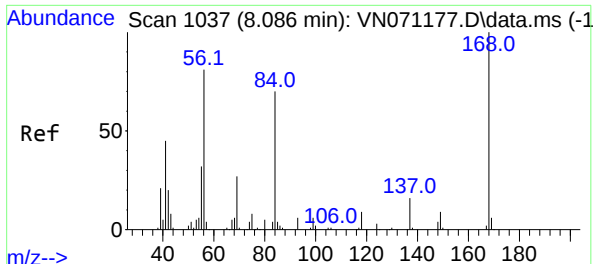
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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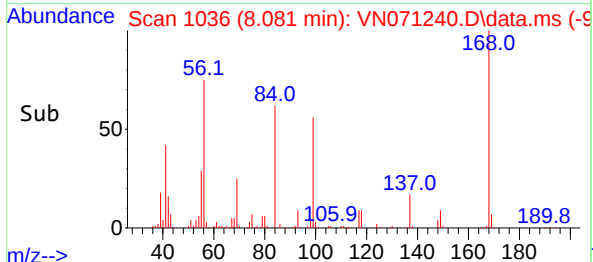
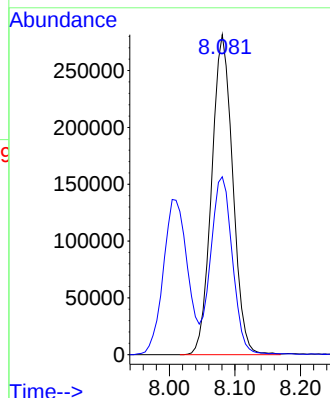
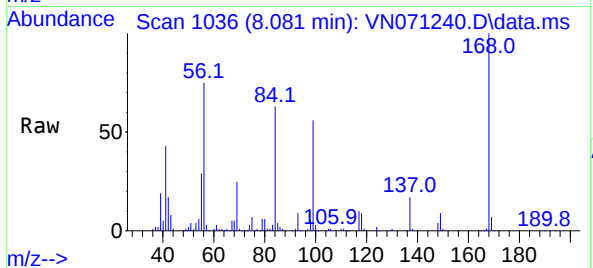
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071240.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 629614
Ion Ratio Lower Upper
168 100
99 55.3 41.3 61.9

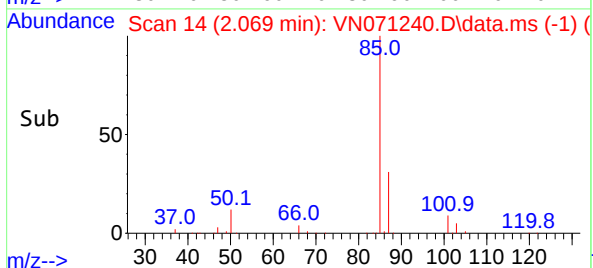
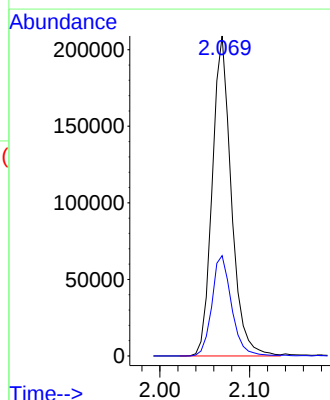
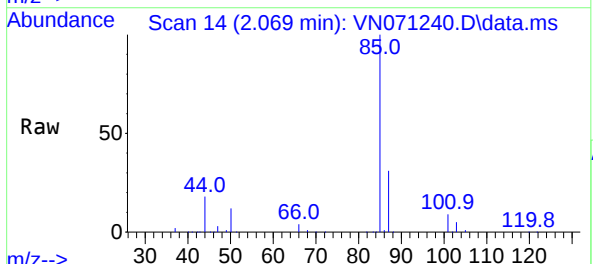
Manual Integrations
APPROVED

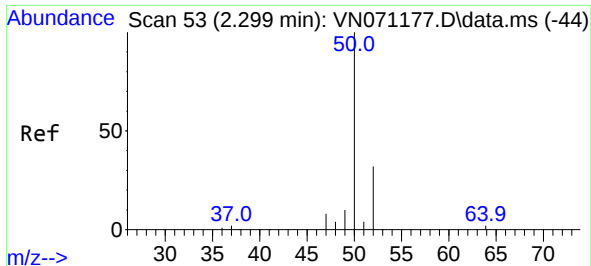
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#2
Dichlorodifluoromethane
Concen: 44.654 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

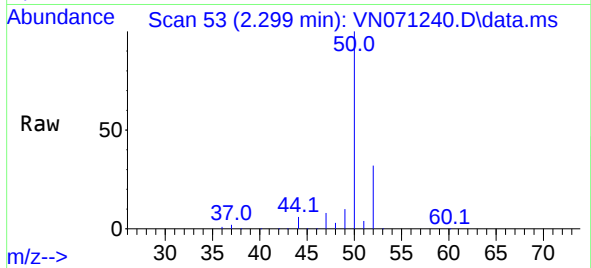
Tgt Ion: 85 Resp: 308128
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3
Chloromethane
Concen: 47.139 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

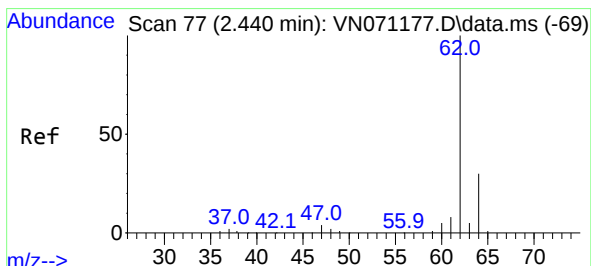
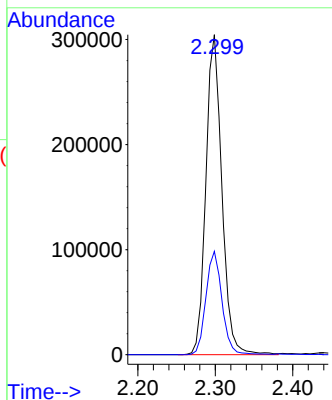
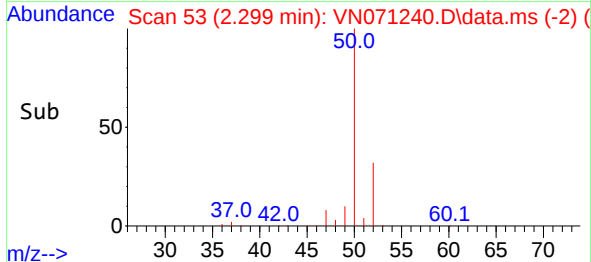
Instrument :
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VSTDCCC050



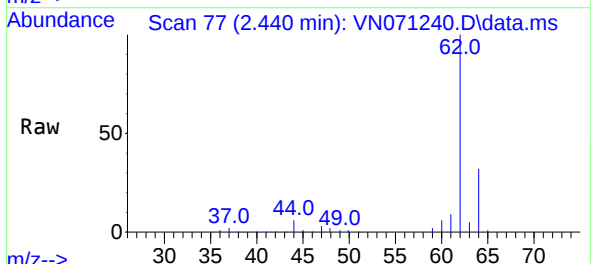
Tgt Ion: 50 Resp: 436711
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

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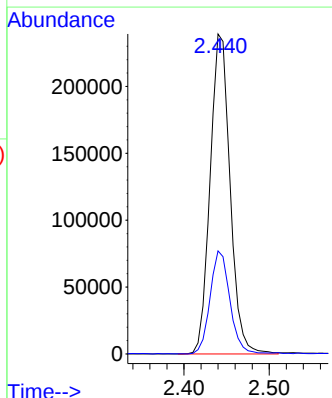
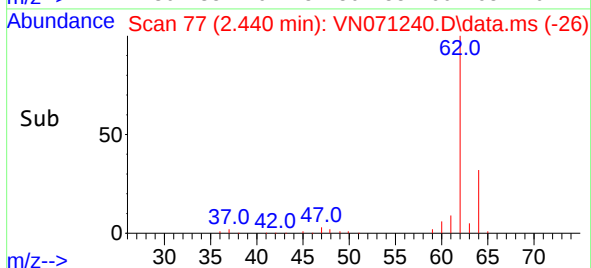
Reviewed By :John Carlone 03/14/2022
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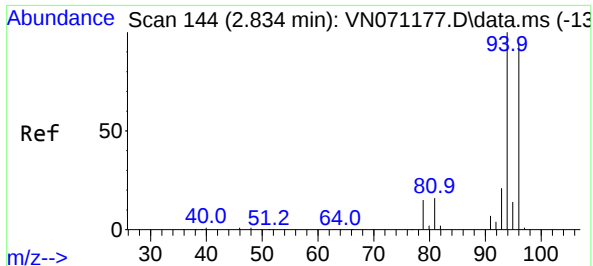


#4
Vinyl Chloride
Concen: 46.028 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



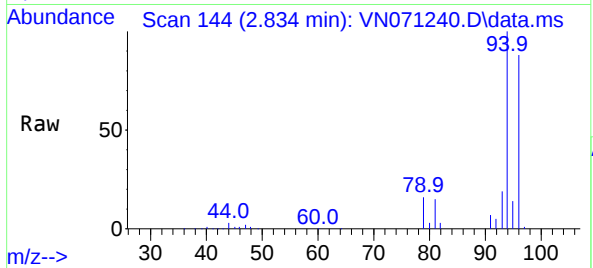
Tgt Ion: 62 Resp: 389235
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 57.068 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

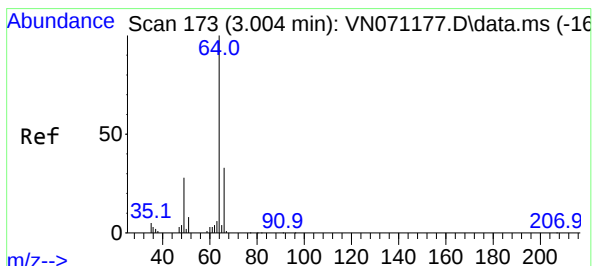
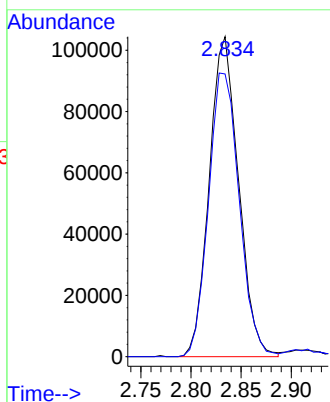
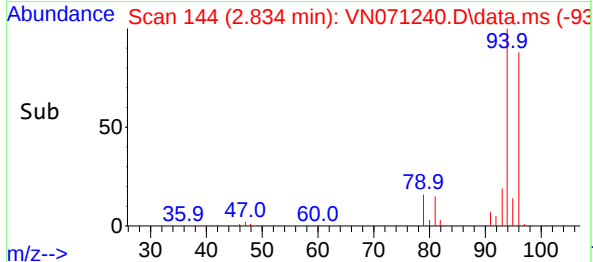
Instrument :
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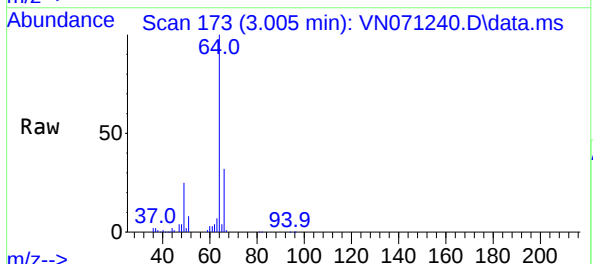
Tgt Ion: 94 Resp: 212307
Ion Ratio Lower Upper
94 100
96 88.4 73.8 110.8

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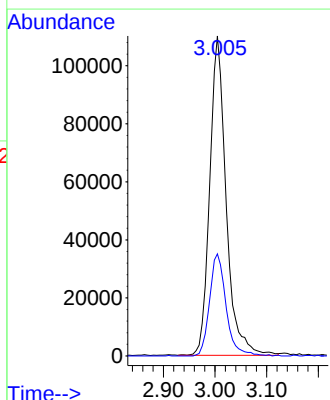
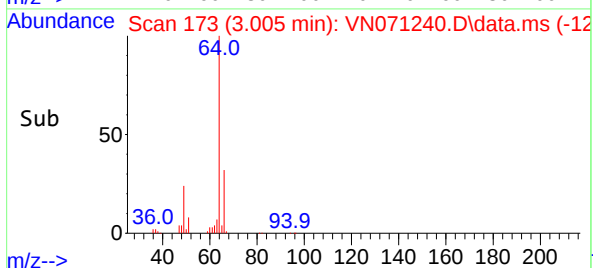
Reviewed By :John Carlone 03/14/2022
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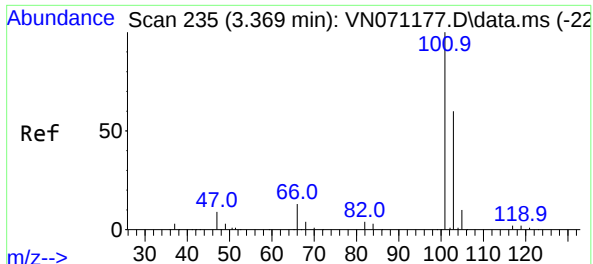


#6
Chloroethane
Concen: 47.414 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



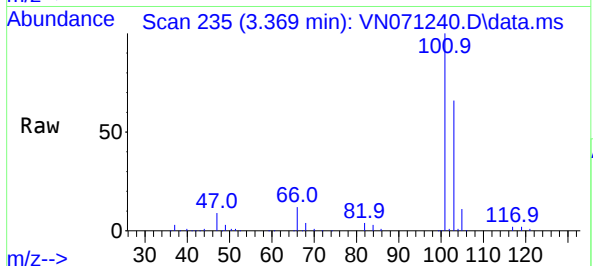
Tgt Ion: 64 Resp: 242816
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.464 ug/l
RT: 3.369 min Scan# 218
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

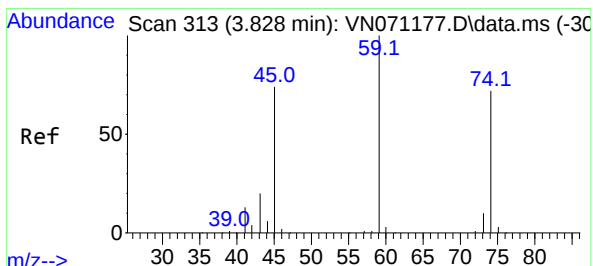
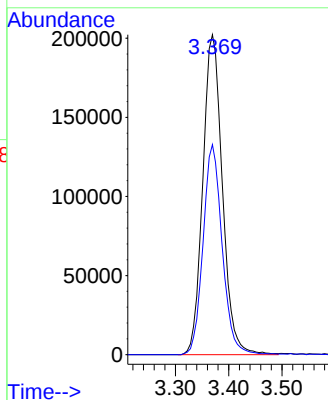
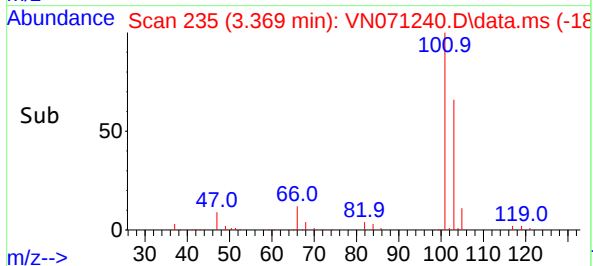
Instrument :
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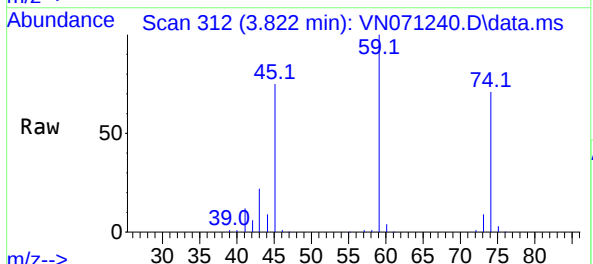
Tgt Ion:101 Resp: 51716
Ion Ratio Lower Upper
101 100
103 65.6 50.1 75.1

Manual Integrations
APPROVED

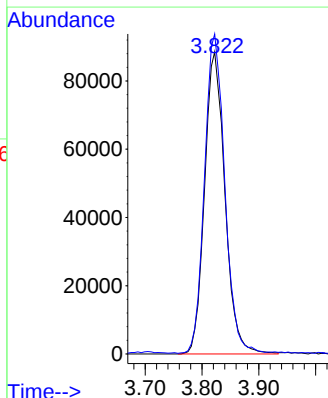
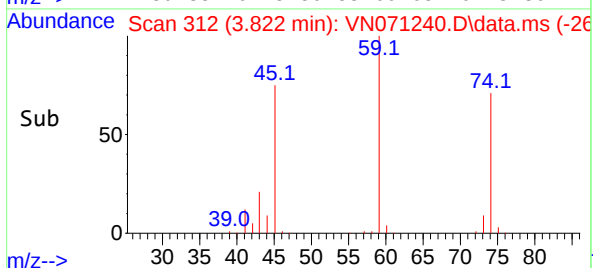
Reviewed By :John Carlone 03/14/2022
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#8
Diethyl Ether
Concen: 46.239 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 74 Resp: 220235
Ion Ratio Lower Upper
74 100
45 105.1 47.0 141.2





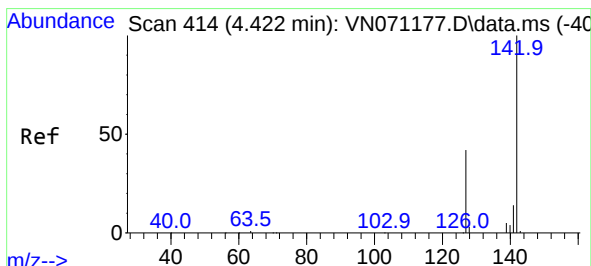
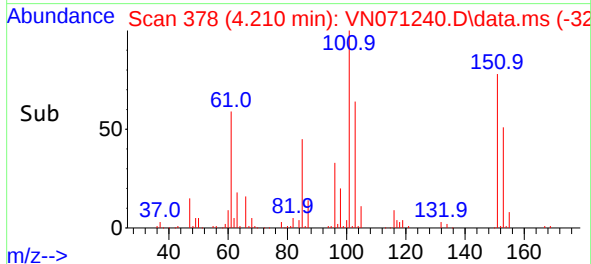
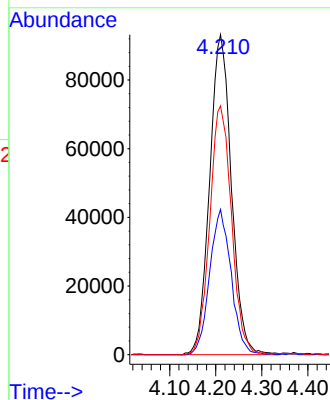
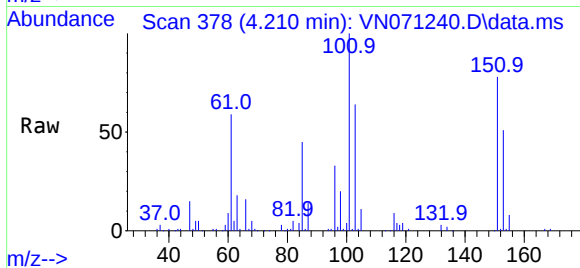
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.498 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 306052
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 77.9 65.9 98.9

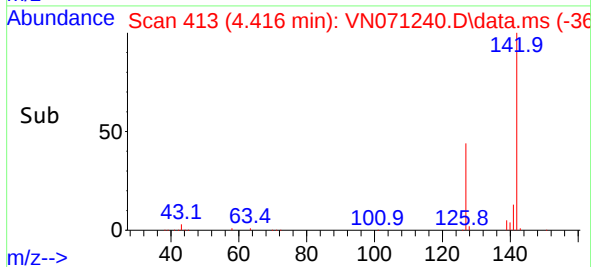
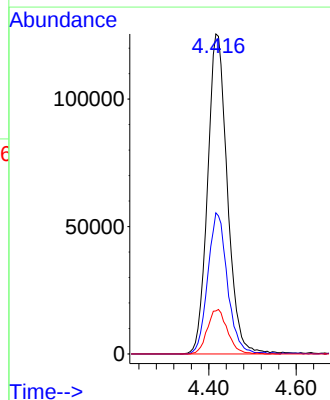
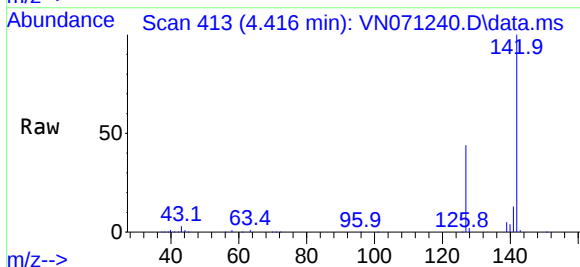
Manual Integrations
APPROVED

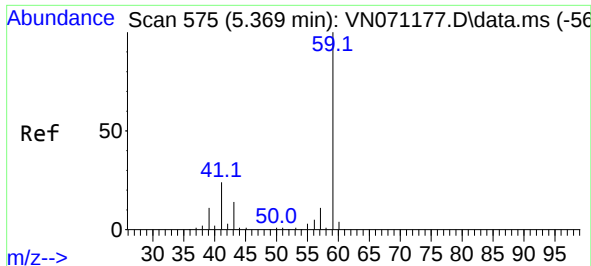
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#10
Methyl Iodide
Concen: 43.338 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

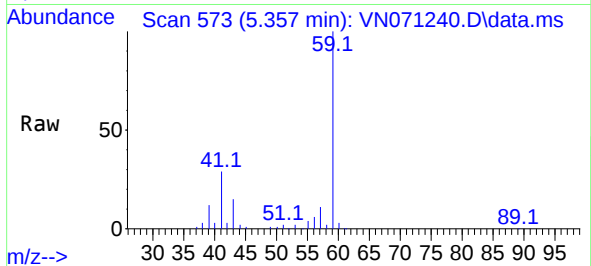
Tgt Ion:142 Resp: 394411
Ion Ratio Lower Upper
142 100
127 43.7 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 216.862 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

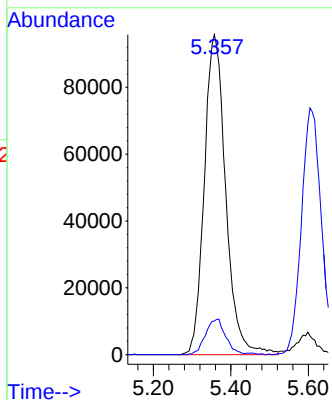
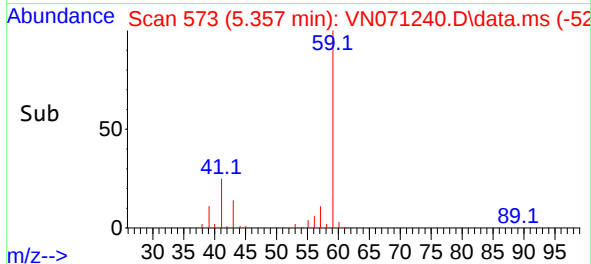
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 367614
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

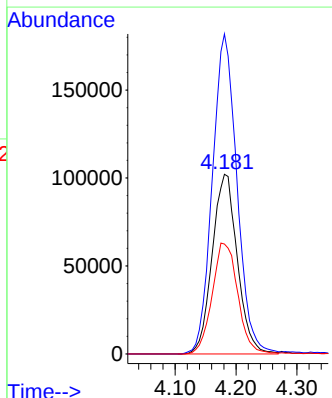
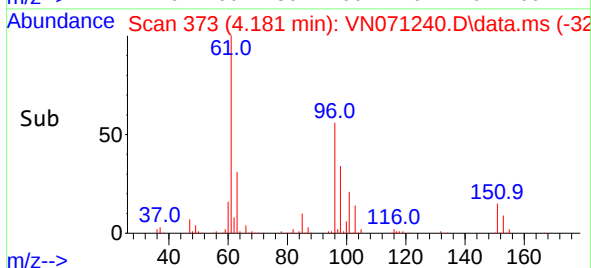
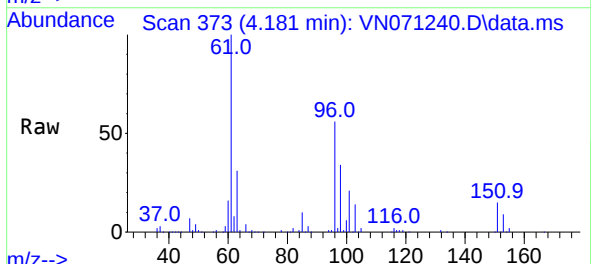
Manual Integrations
APPROVED

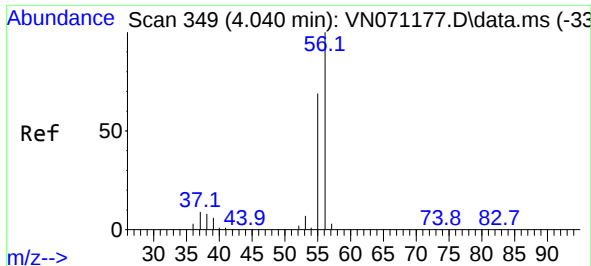
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#12
1,1-Dichloroethene
Concen: 46.366 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 96 Resp: 292665
Ion Ratio Lower Upper
96 100
61 178.1 131.0 196.6
98 61.2 52.4 78.6





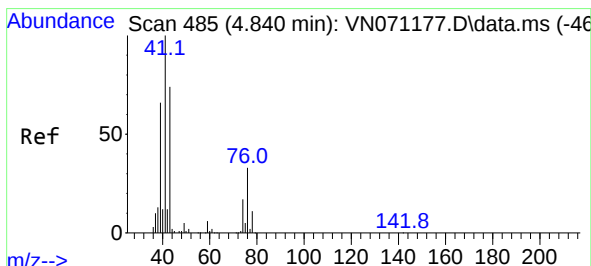
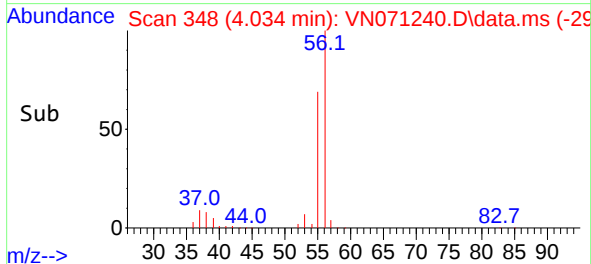
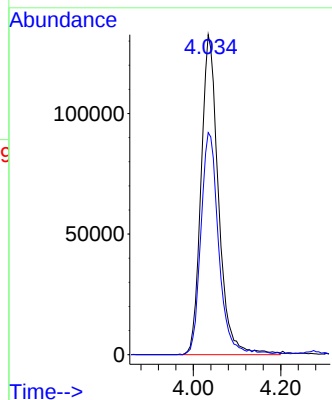
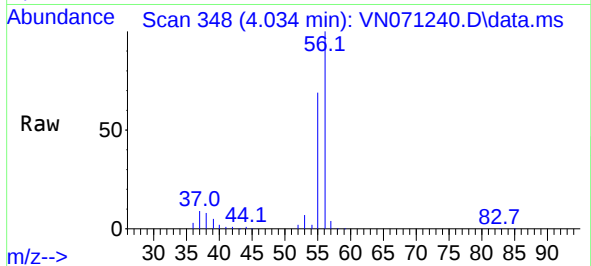
#13
Acrolein
Concen: 204.816 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 367488
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

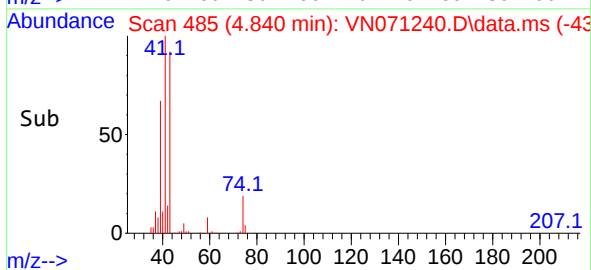
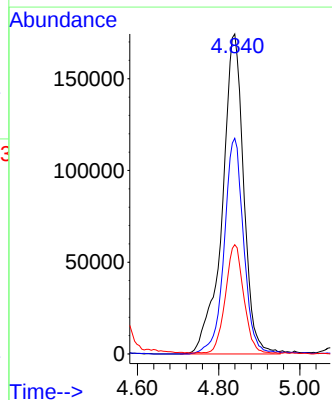
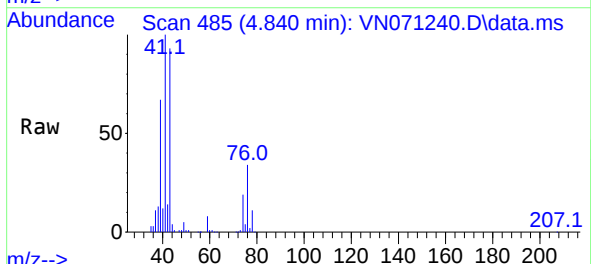
Manual Integrations
APPROVED

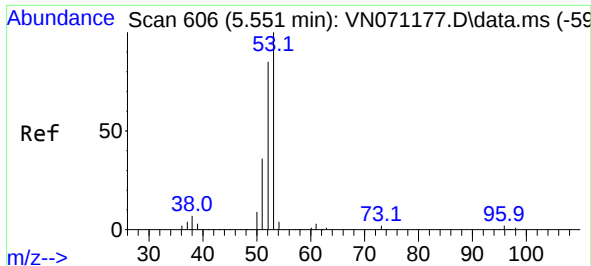
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#14
Allyl chloride
Concen: 46.660 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 41 Resp: 640575
Ion Ratio Lower Upper
41 100
39 61.4 61.2 91.8
76 28.9 26.0 39.0





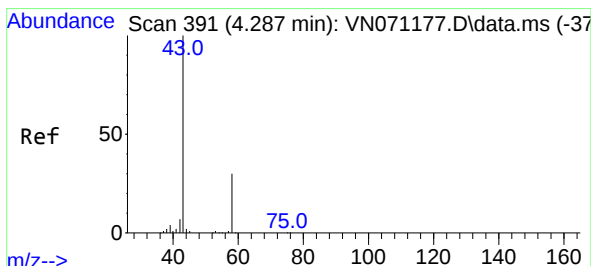
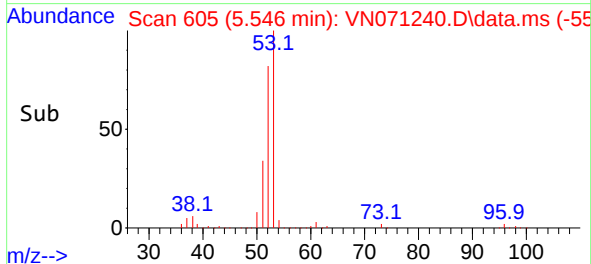
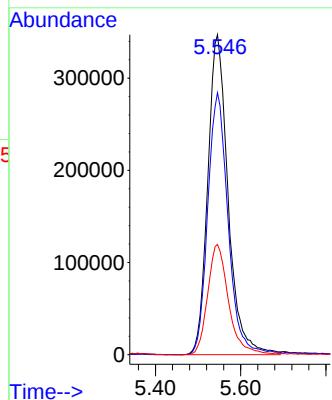
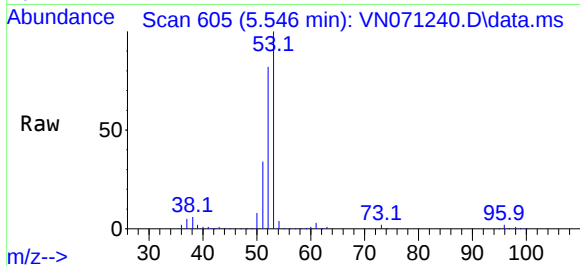
#15
Acrylonitrile
Concen: 228.593 ug/l
RT: 5.546 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 1150609
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 35.4 29.6 44.4

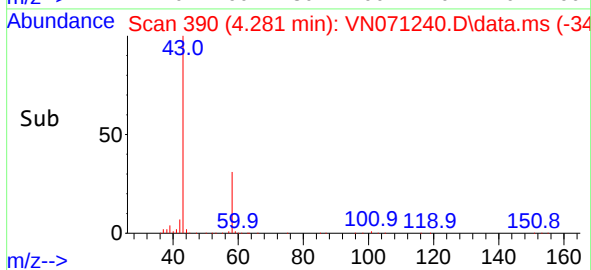
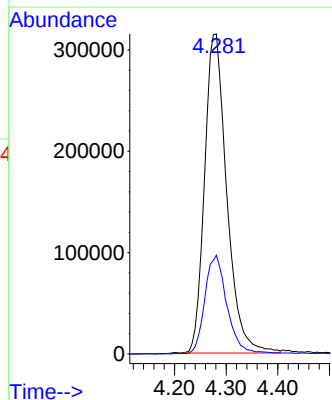
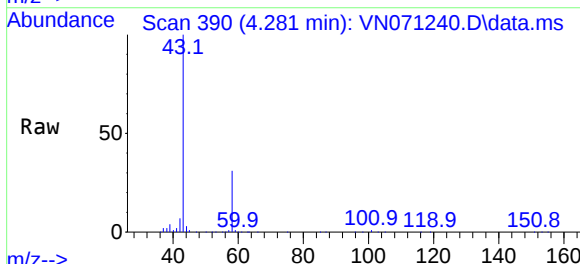
Manual Integrations
APPROVED

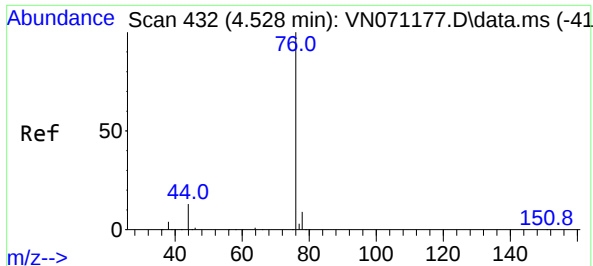
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 223.808 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

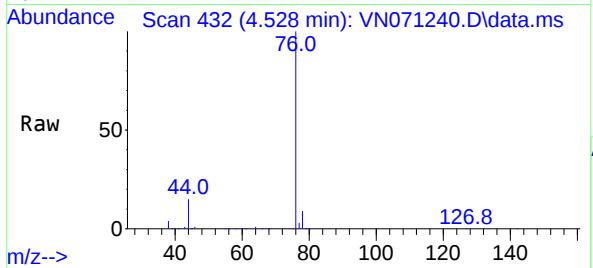
Tgt Ion: 43 Resp: 939689
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7





#17
Carbon Disulfide
Concen: 43.586 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

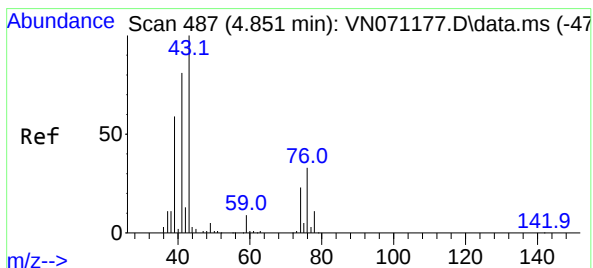
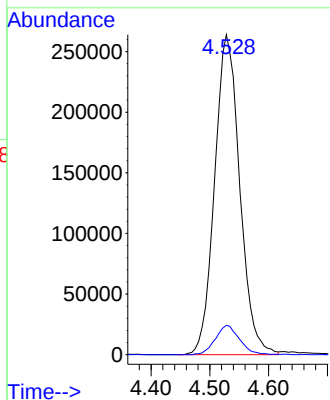
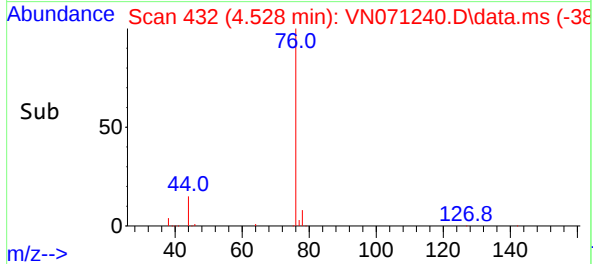
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



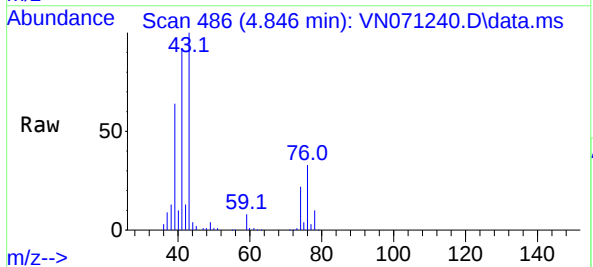
Tgt Ion: 76 Resp: 78324
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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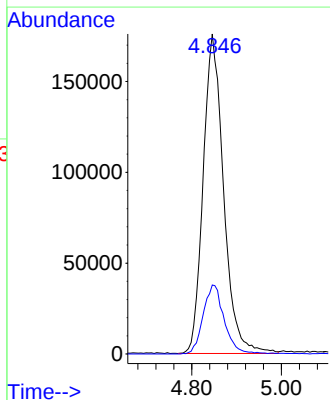
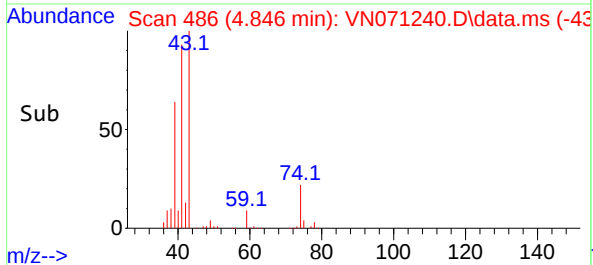
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

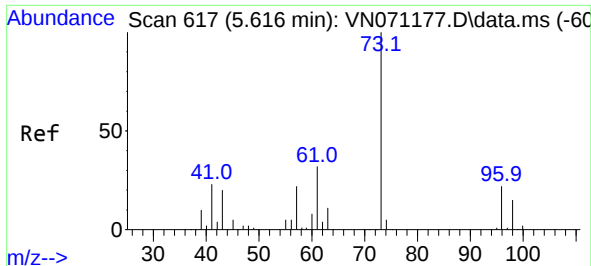


#18
Methyl Acetate
Concen: 49.410 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



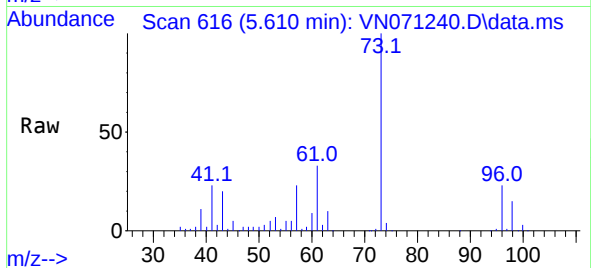
Tgt Ion: 43 Resp: 557088
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 48.150 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

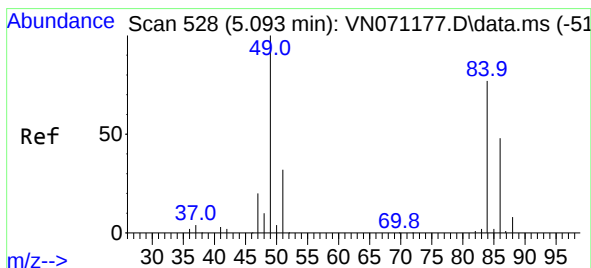
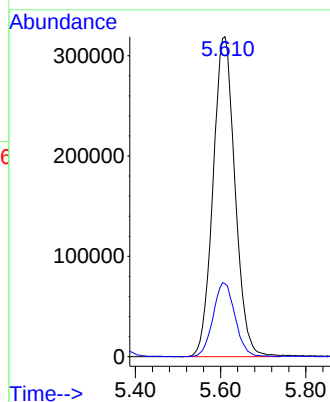
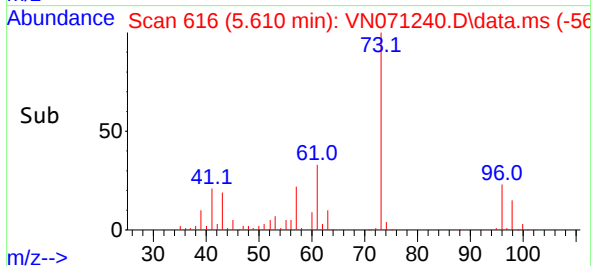
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 114111
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

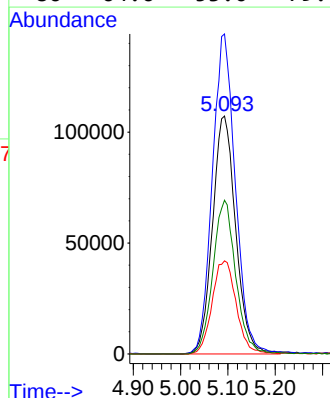
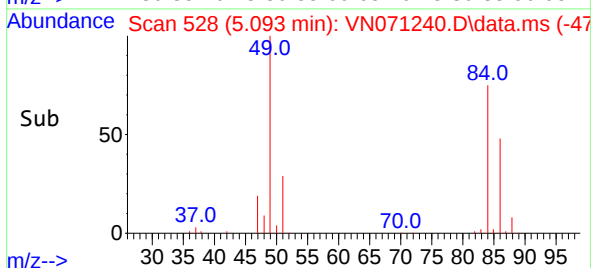
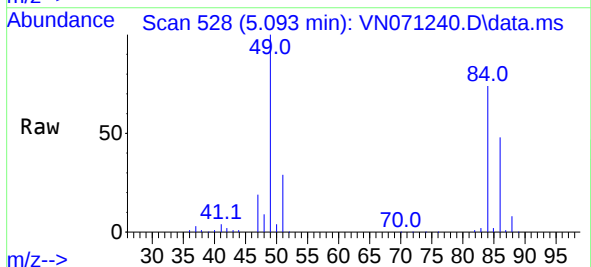
Manual Integrations
APPROVED

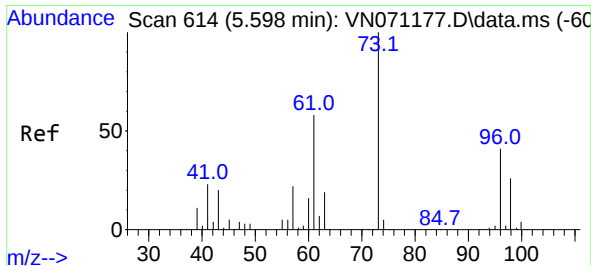
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 47.611 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

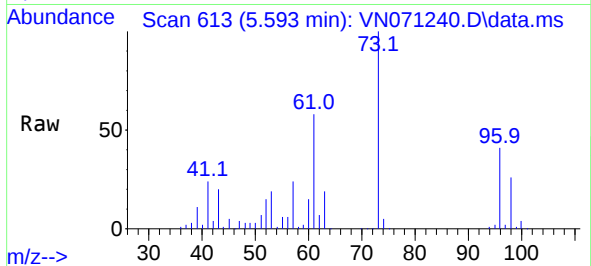
Tgt Ion: 84 Resp: 365212
Ion Ratio Lower Upper
84 100
49 134.5 93.5 140.3
51 39.1 29.4 44.2
86 64.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.634 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

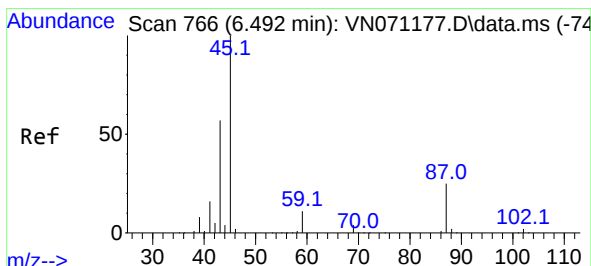
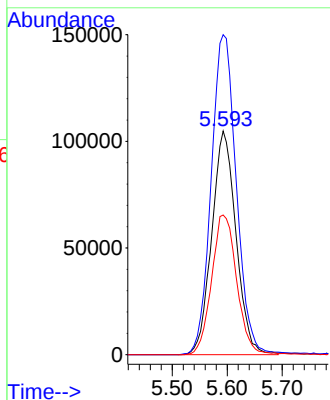
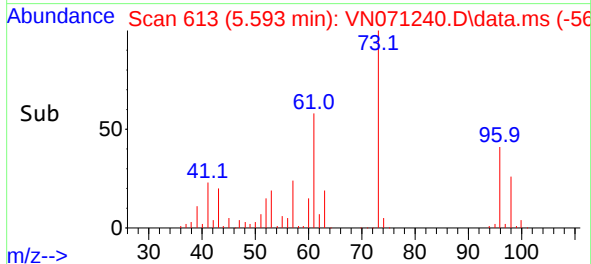
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



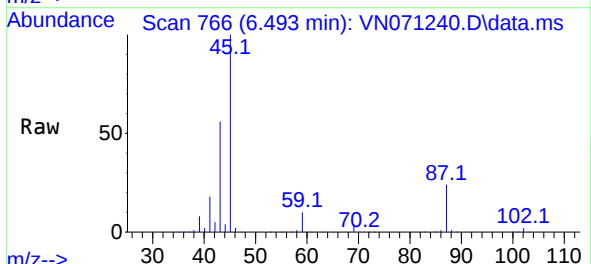
Tgt Ion: 96 Resp: 321972
Ion Ratio Lower Upper
96 100
61 143.1 105.8 158.6
98 62.5 52.0 78.0

Manual Integrations
APPROVED

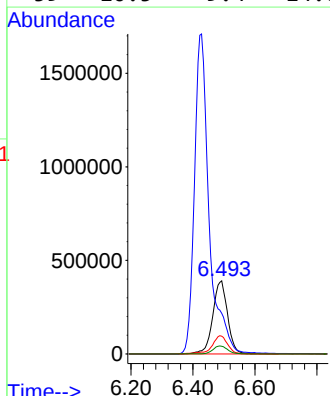
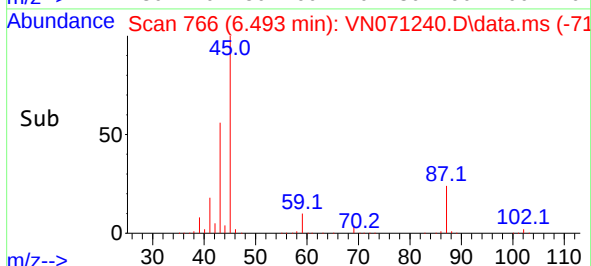
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

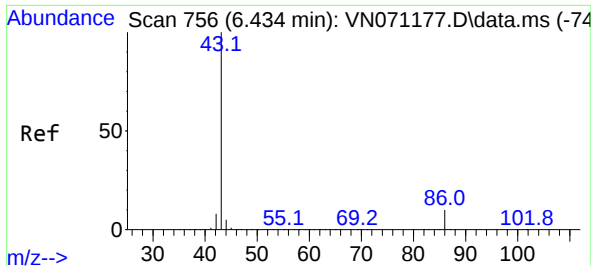


#22
Diisopropyl ether
Concen: 47.983 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 45 Resp: 1297778
Ion Ratio Lower Upper
45 100
43 55.5 51.7 77.5
87 24.4 23.2 34.8
59 10.5 9.4 14.0





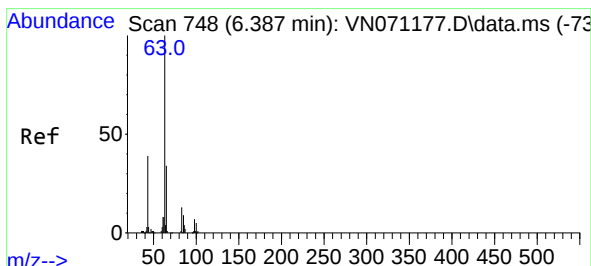
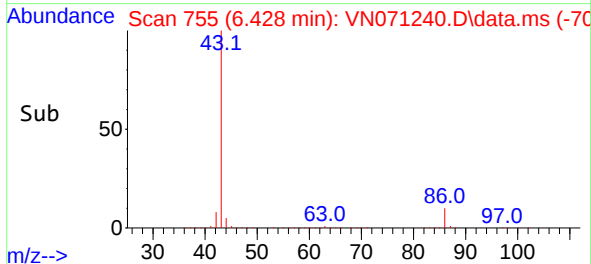
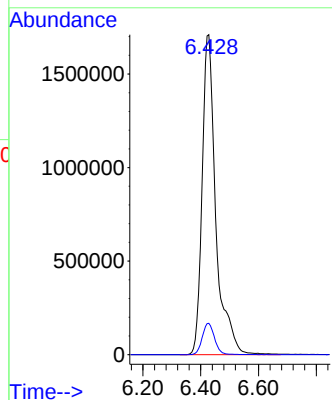
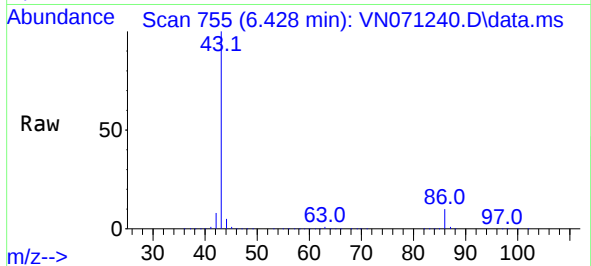
#23
 Vinyl Acetate
 Concen: 246.673 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071240.D
 Acq: 11 Mar 2022 09:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 564814
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

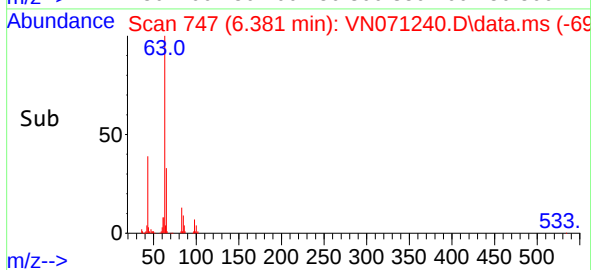
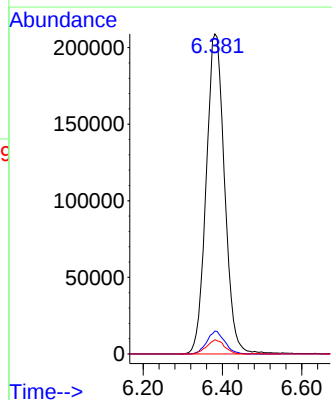
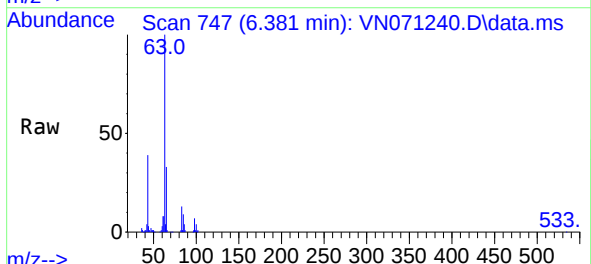
Manual Integrations
 APPROVED

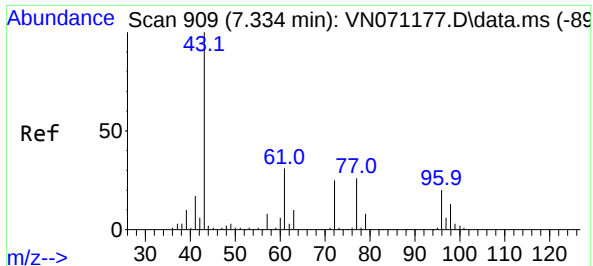
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#24
 1,1-Dichloroethane
 Concen: 47.022 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071240.D
 Acq: 11 Mar 2022 09:49

Tgt Ion: 63 Resp: 672035
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 231.260 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 156413

Ion Ratio Lower Upper

43 100

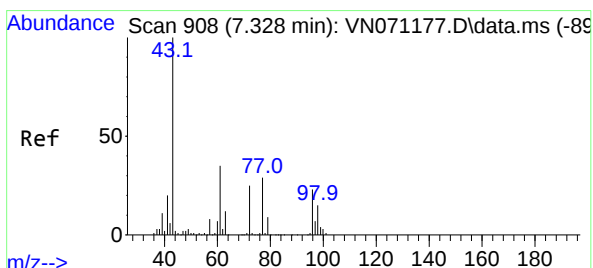
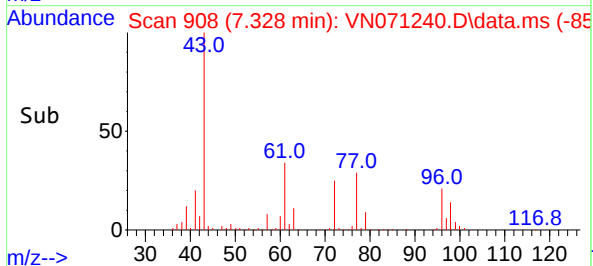
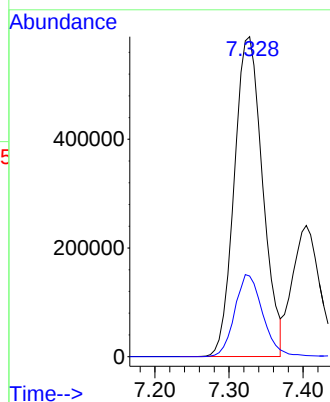
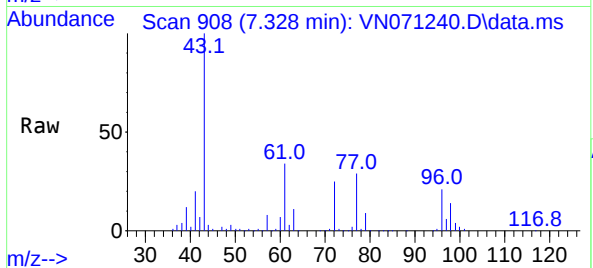
72 25.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#26

2,2-Dichloropropane

Concen: 49.556 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071240.D

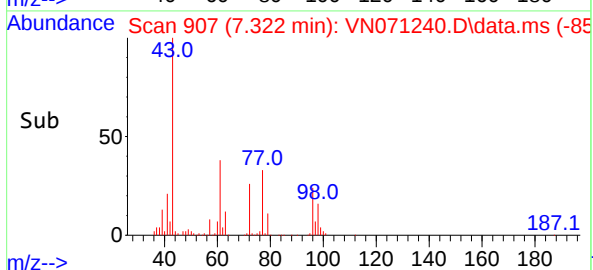
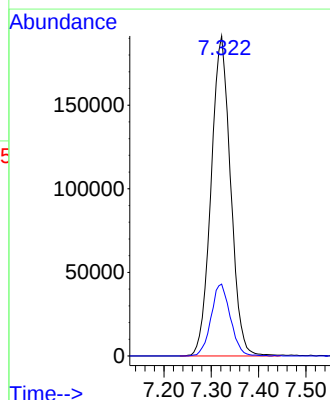
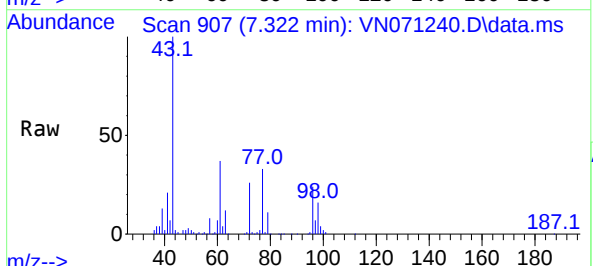
Acq: 11 Mar 2022 09:49

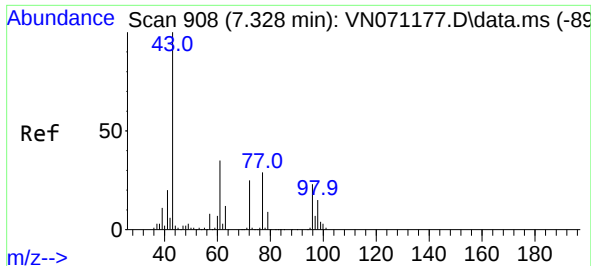
Tgt Ion: 77 Resp: 546392

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.243 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 38712

Ion Ratio Lower Upper

96 100

61 156.2 0.0 275.0

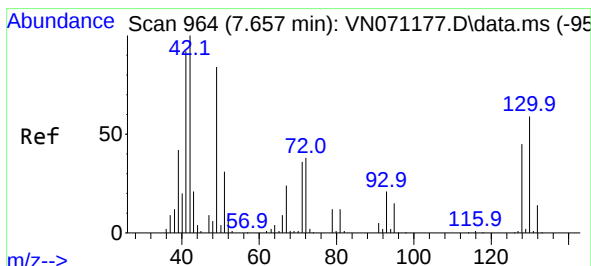
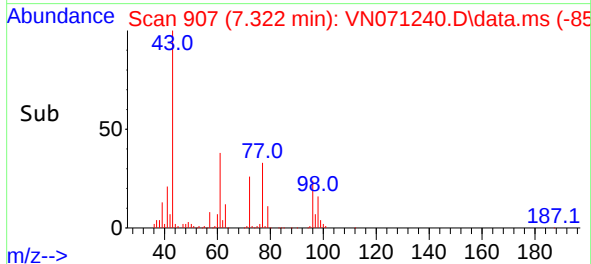
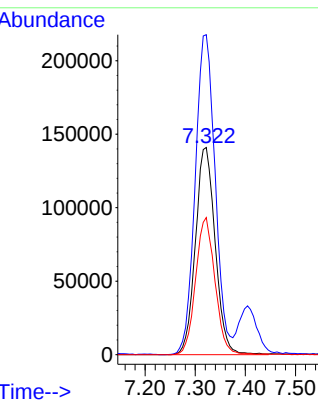
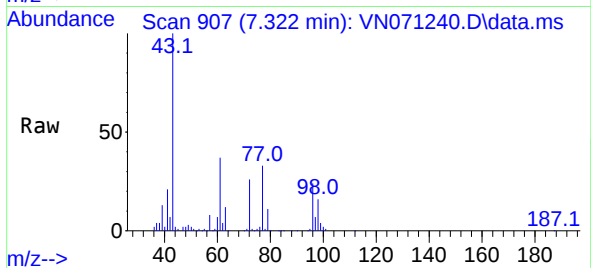
98 64.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#28

Bromochloromethane

Concen: 46.202 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

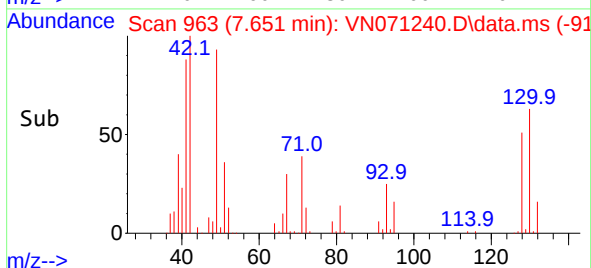
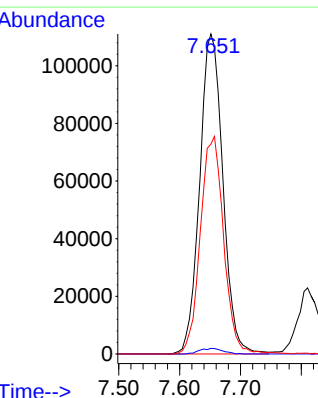
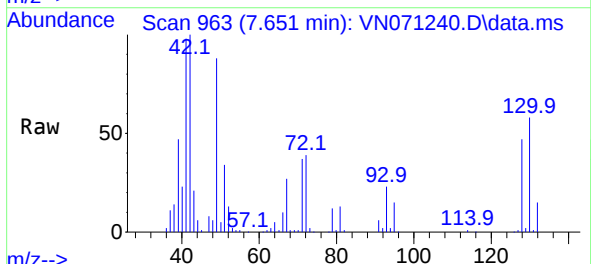
Tgt Ion: 49 Resp: 294049

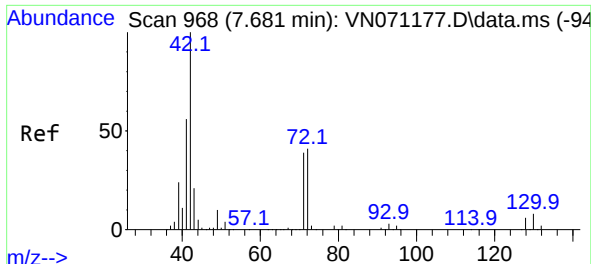
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 68.2 67.8 101.8





#29

Tetrahydrofuran

Concen: 227.951 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 106808

Ion Ratio Lower Upper

42 100

72 40.6 36.3 54.5

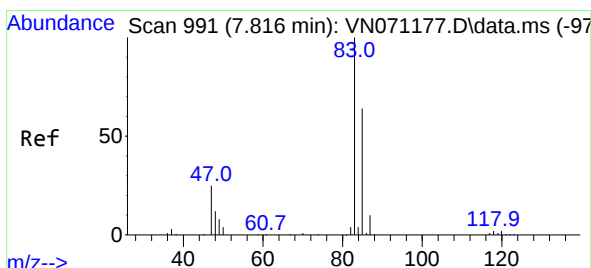
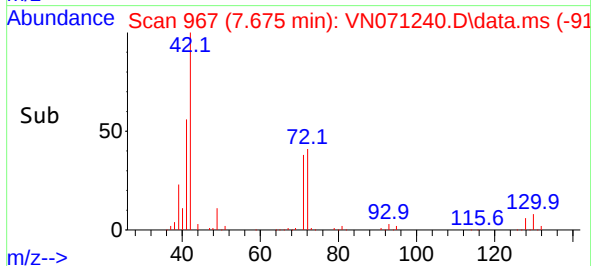
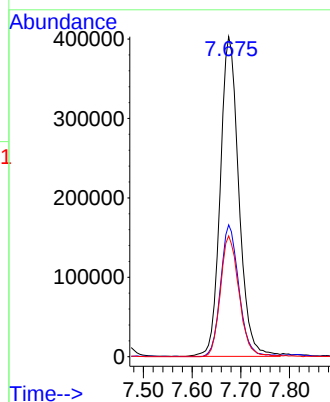
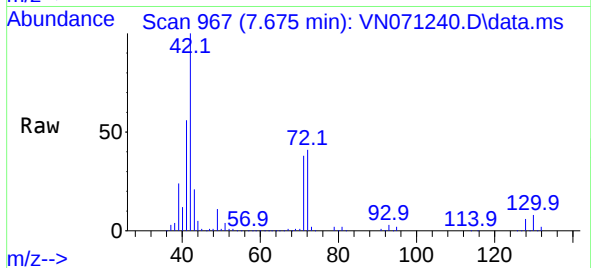
71 38.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#30

Chloroform

Concen: 47.350 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN071240.D

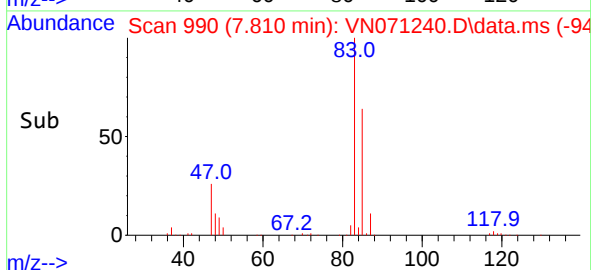
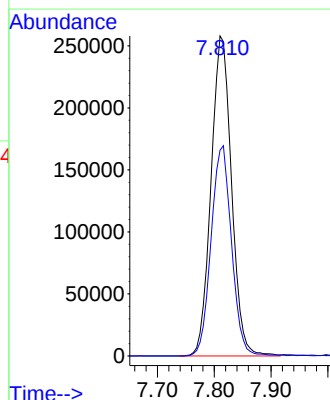
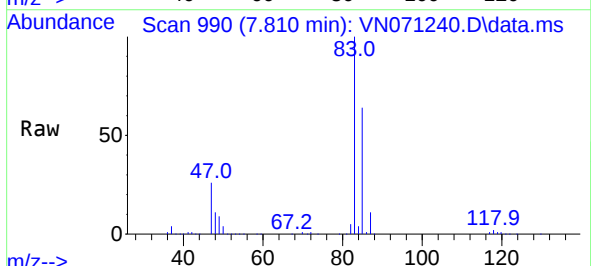
Acq: 11 Mar 2022 09:49

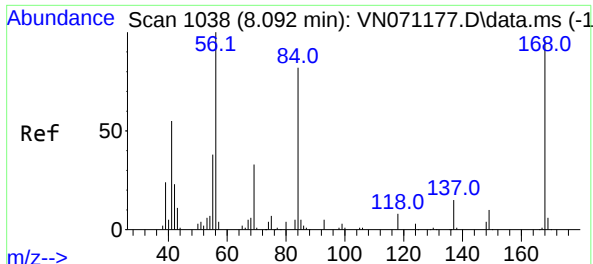
Tgt Ion: 83 Resp: 645438

Ion Ratio Lower Upper

83 100

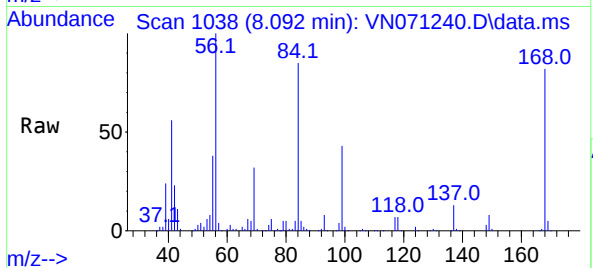
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 45.328 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

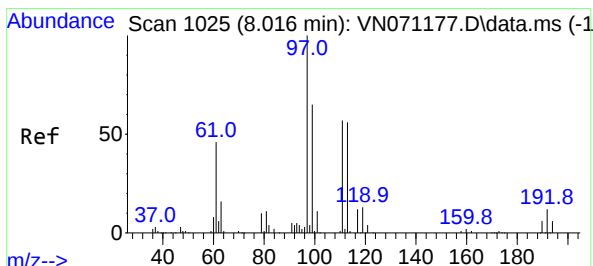
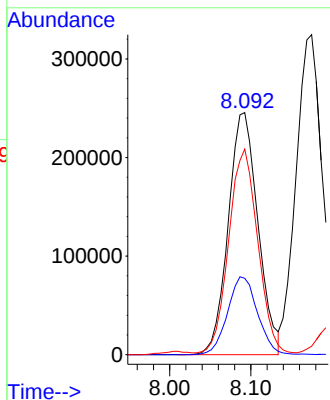
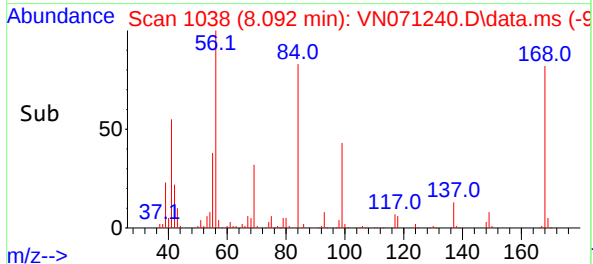
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



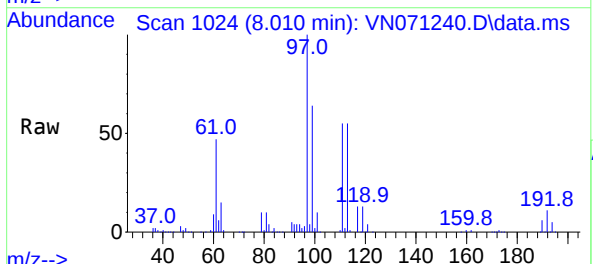
Tgt Ion: 56 Resp: 624612
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 83.6 73.4 110.0

Manual Integrations
APPROVED

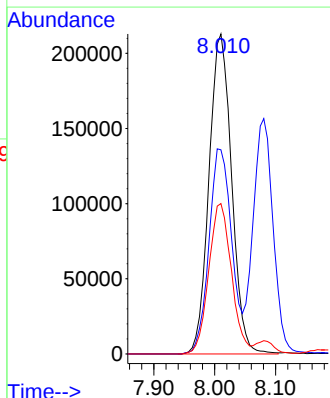
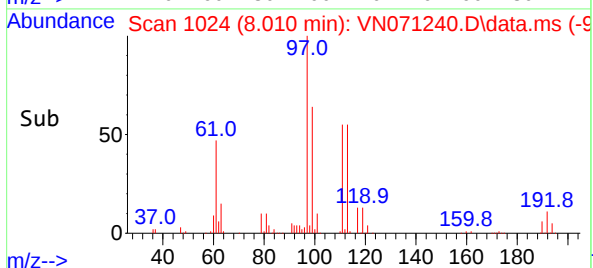
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

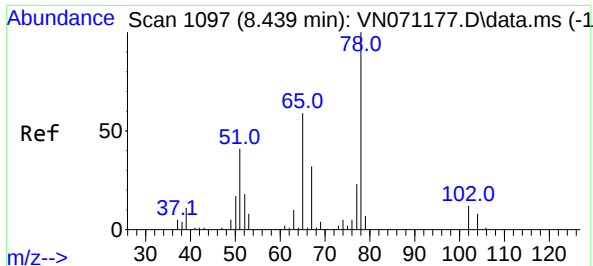


#32
1,1,1-Trichloroethane
Concen: 47.342 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 97 Resp: 549693
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 47.1 35.2 52.8





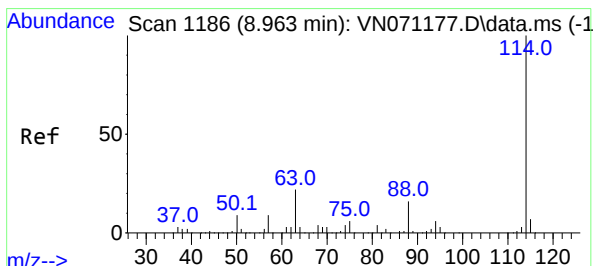
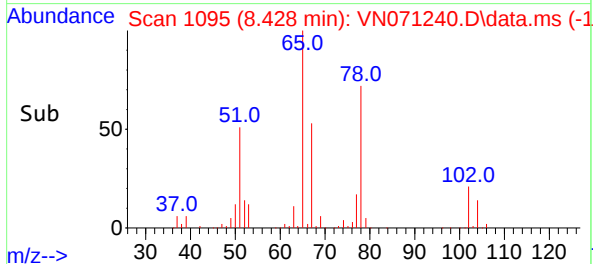
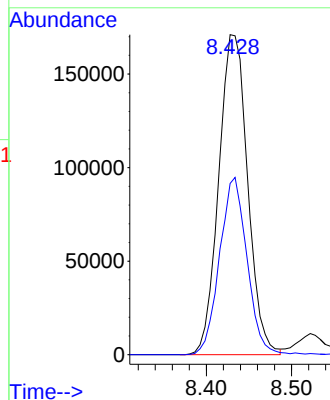
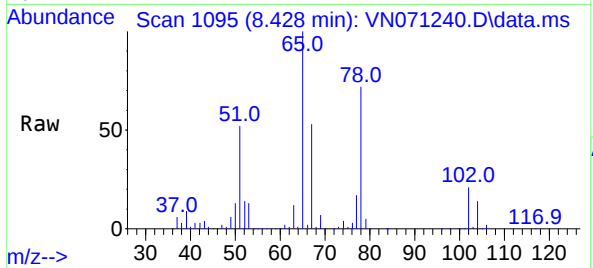
#33
1,2-Dichloroethane-d4
Concen: 46.821 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.012 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 404024
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

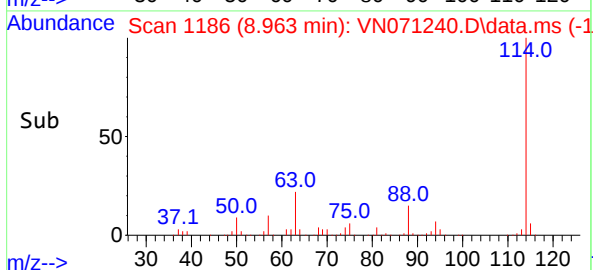
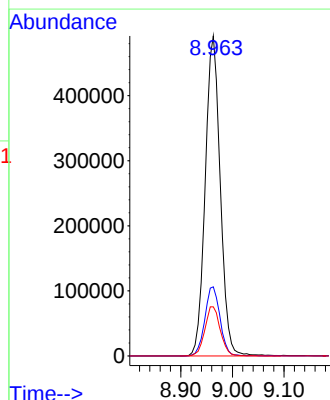
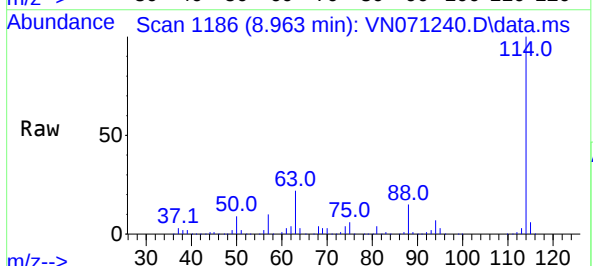
Manual Integrations
APPROVED

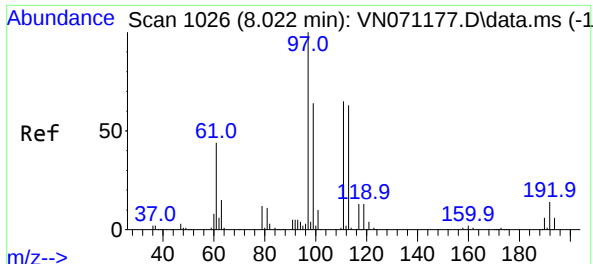
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

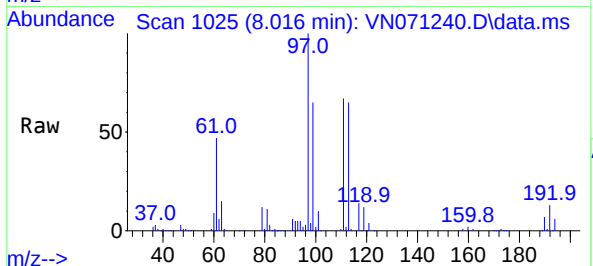
Tgt Ion:114 Resp: 994044
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 15.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

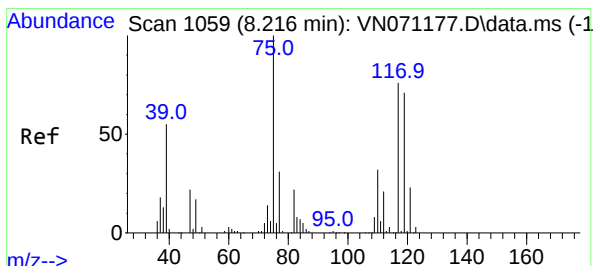
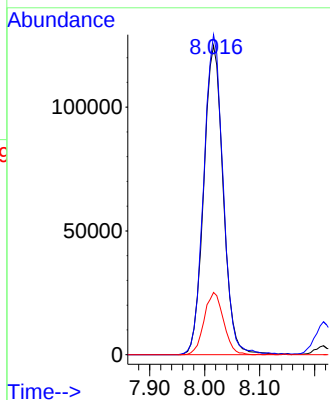
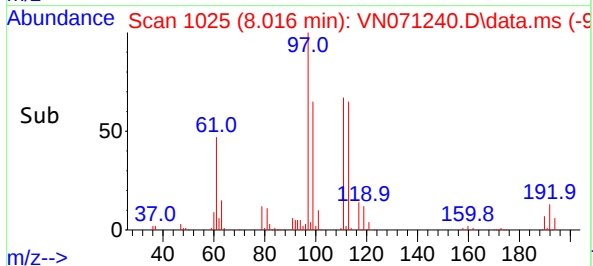
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



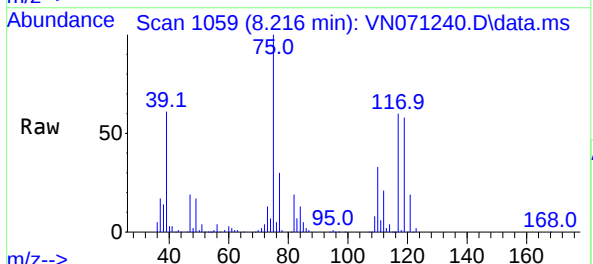
Tgt Ion:113 Resp: 30728
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
APPROVED

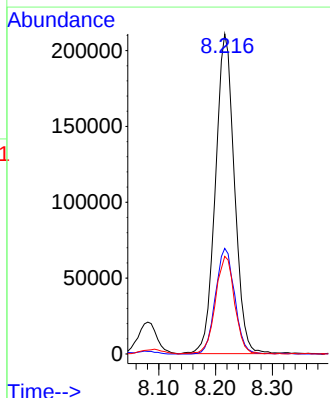
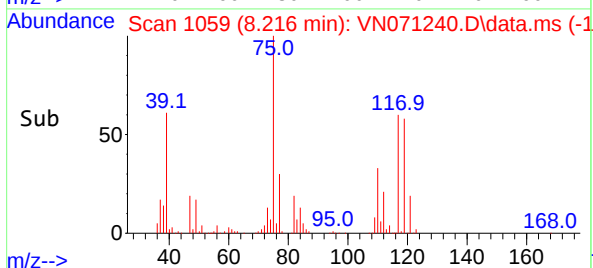
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

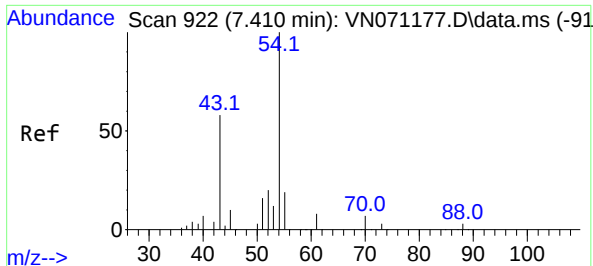


#36
1,1-Dichloropropene
Concen: 48.713 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 75 Resp: 489586
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 46.323 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 64073

Ion Ratio Lower Upper

43 100

61 12.7 11.5 17.3

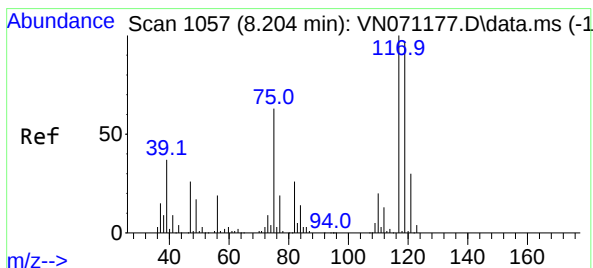
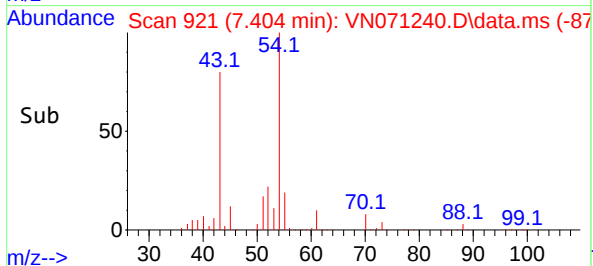
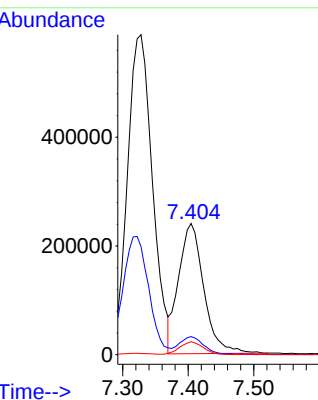
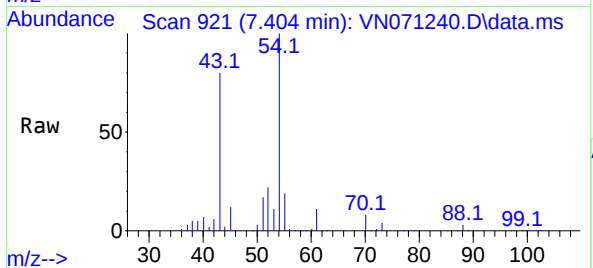
70 9.2 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#38

Carbon Tetrachloride

Concen: 49.116 ug/l

RT: 8.198 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

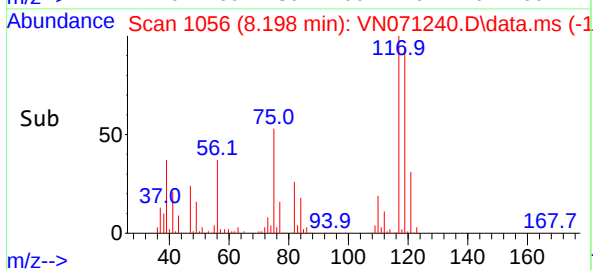
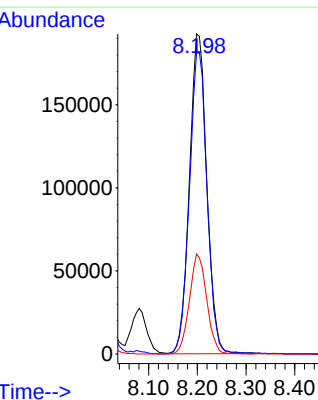
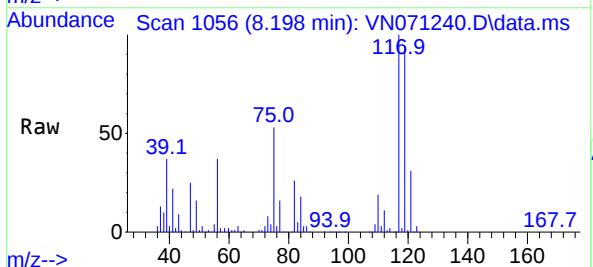
Tgt Ion:117 Resp: 477472

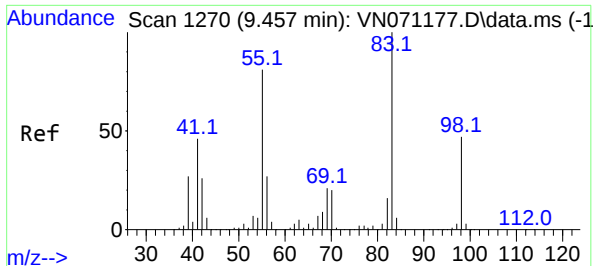
Ion Ratio Lower Upper

117 100

119 94.0 76.1 114.1

121 31.3 24.2 36.2





#39
Methylcyclohexane
Concen: 50.766 ug/l
RT: 9.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

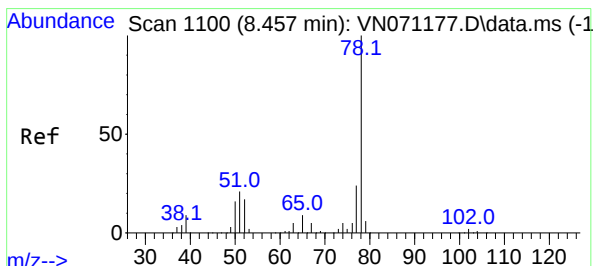
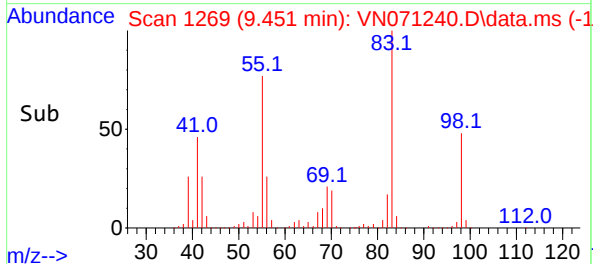
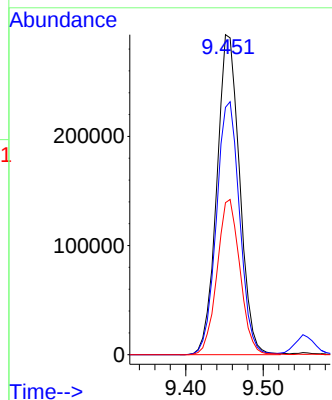
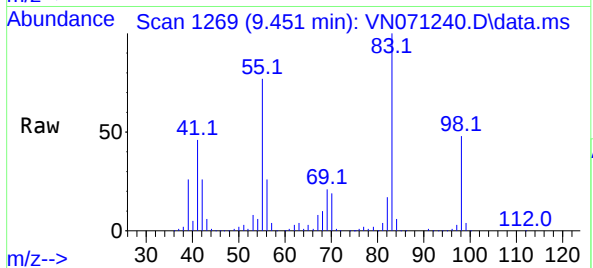
VSTDCCC050

Tgt Ion: 83 Resp: 600227
Ion Ratio Lower Upper
83 100
55 77.3 58.1 87.1
98 47.5 38.4 57.6

Manual Integrations

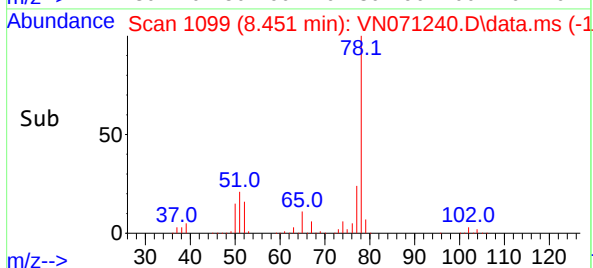
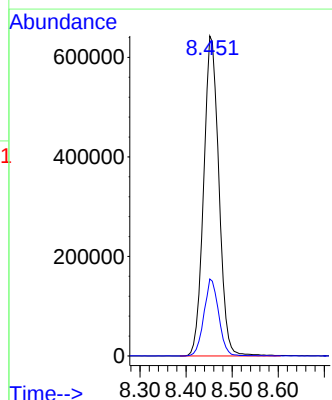
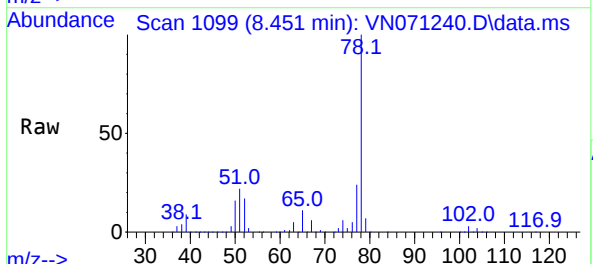
APPROVED

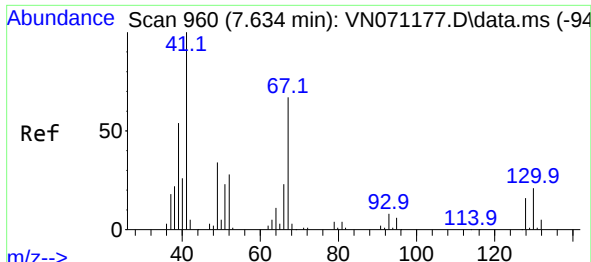
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 48.986 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

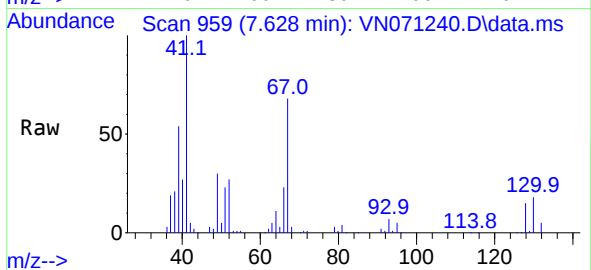
Tgt Ion: 78 Resp: 1483343
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 47.991 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

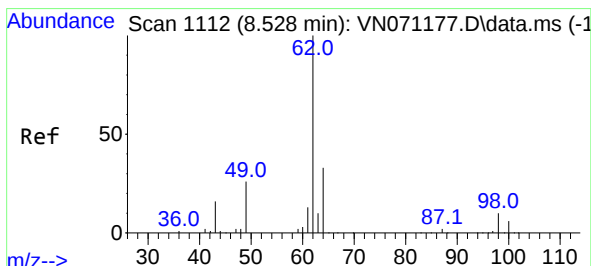
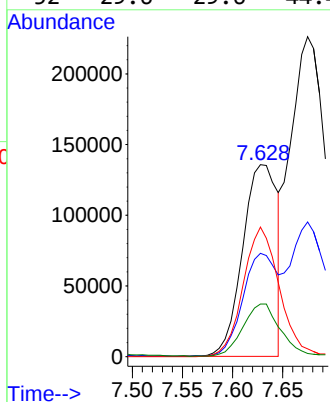
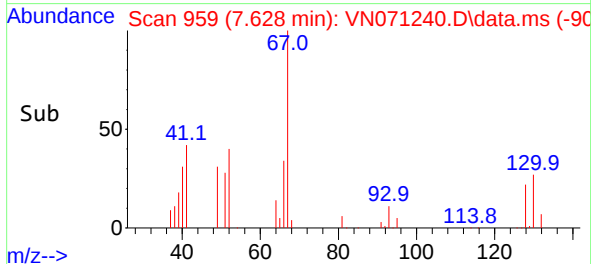
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



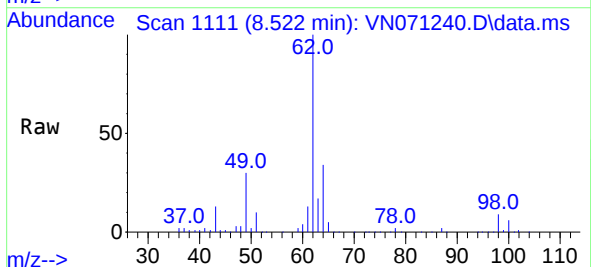
Tgt Ion: 41 Resp: 324849
Ion Ratio Lower Upper
41 100
39 52.6 48.1 72.1
67 72.1 68.3 102.5
52 29.6 29.6 44.4

Manual Integrations
APPROVED

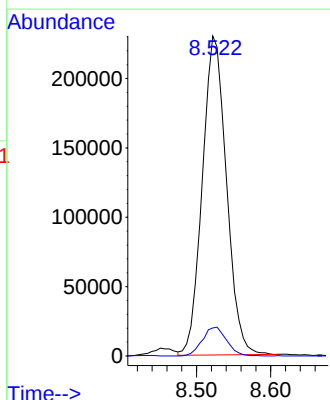
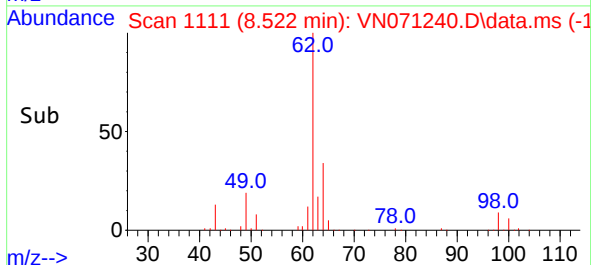
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 49.415 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



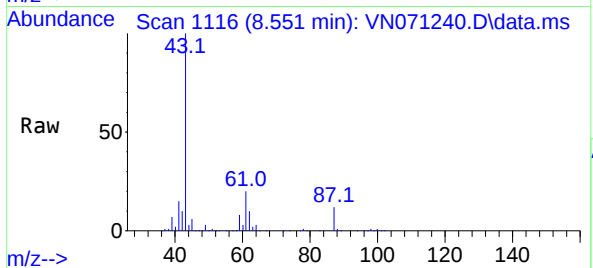
Tgt Ion: 62 Resp: 520703
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.968 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

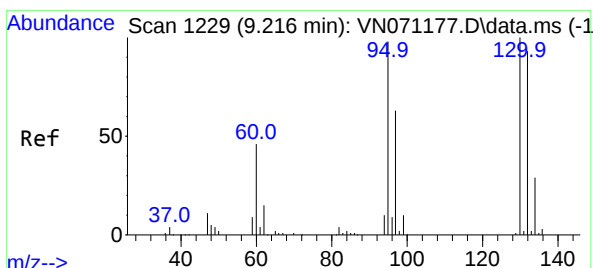
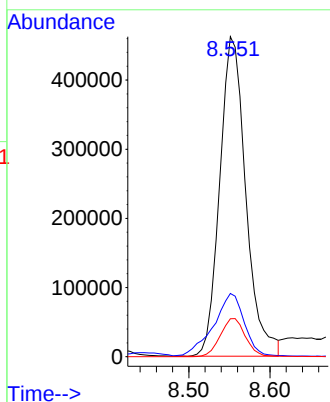
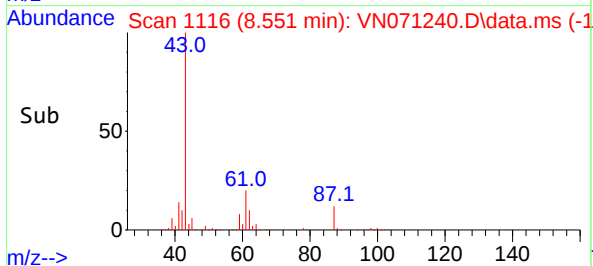
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



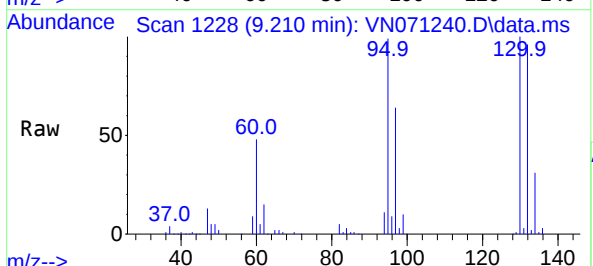
Tgt Ion: 43 Resp: 103354
Ion Ratio Lower Upper
43 100
61 23.4 20.4 30.6
87 11.6 11.2 16.8

Manual Integrations
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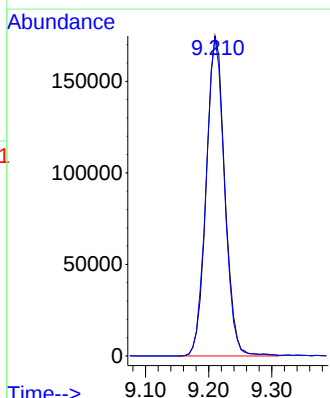
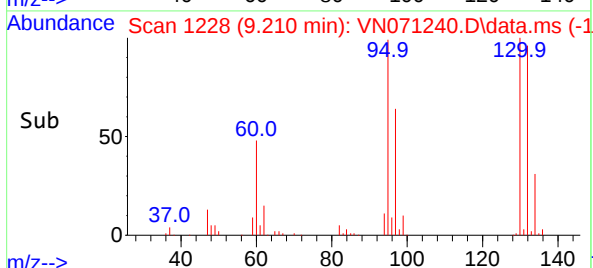
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

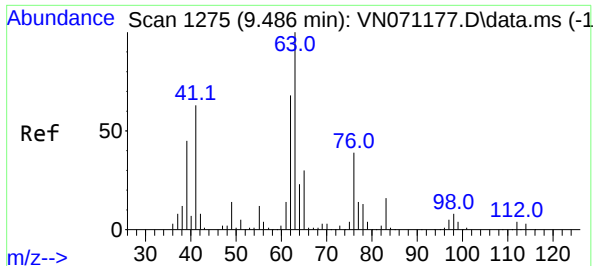


#44
Trichloroethene
Concen: 49.864 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion:130 Resp: 356269
Ion Ratio Lower Upper
130 100
95 99.3 0.0 191.2





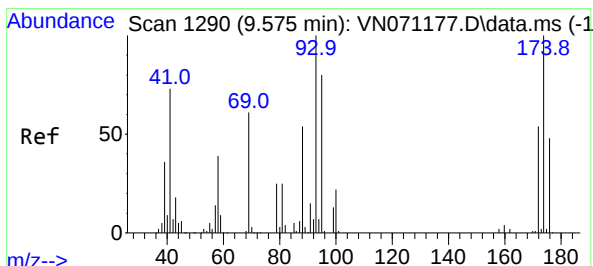
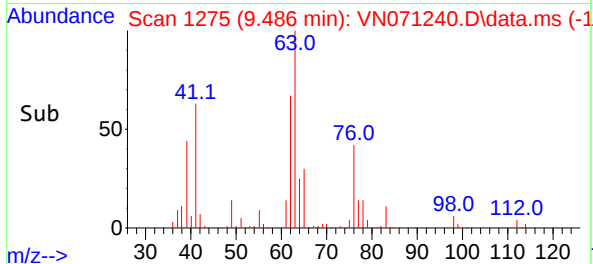
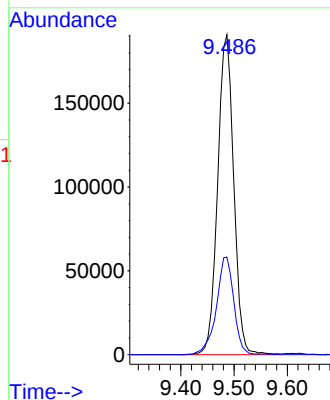
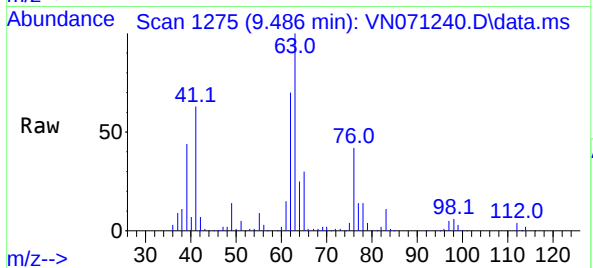
#45
1,2-Dichloropropane
Concen: 49.189 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 39984
Ion Ratio Lower Upper
63 100
65 30.5 24.7 37.1

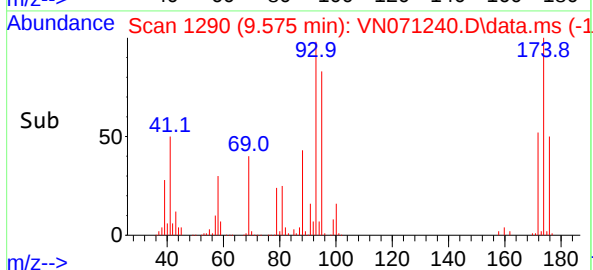
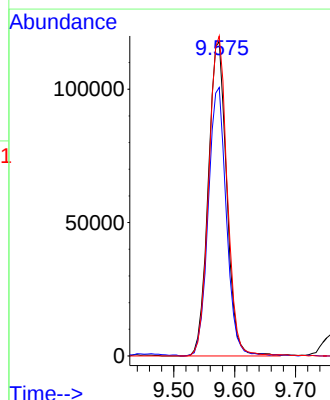
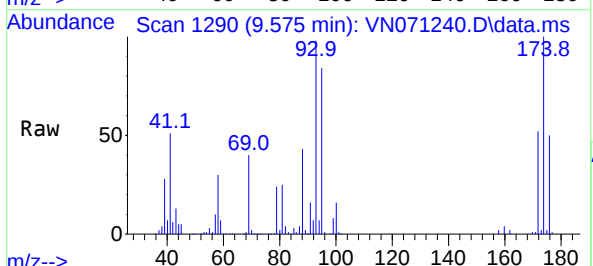
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#46
Dibromomethane
Concen: 49.505 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

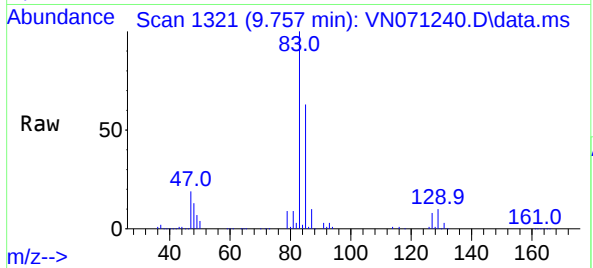
Tgt Ion: 93 Resp: 247679
Ion Ratio Lower Upper
93 100
95 83.9 65.9 98.9
174 101.5 84.6 127.0





#47
Bromodichloromethane
Concen: 50.030 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

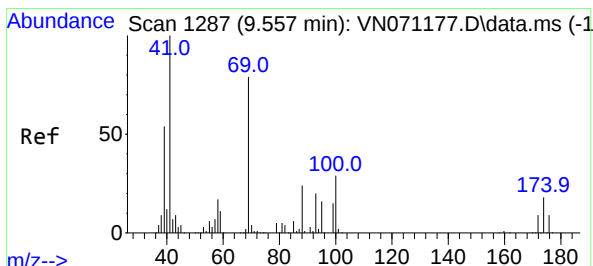
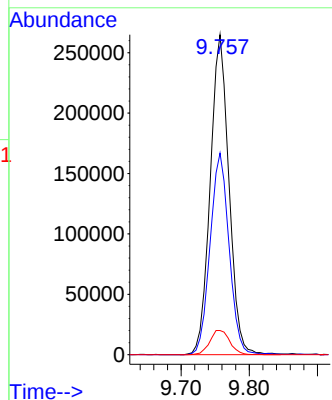
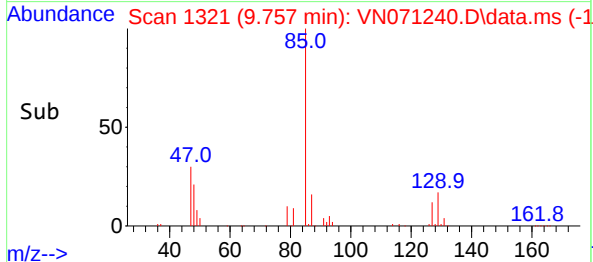
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



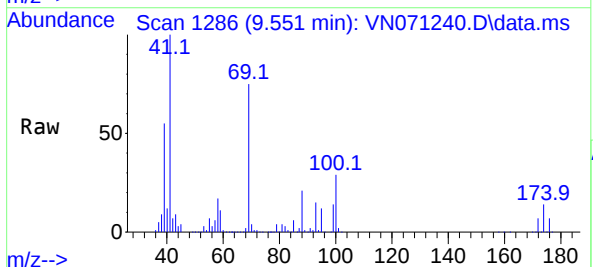
Tgt Ion: 83 Resp: 50584
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 7.5 7.1 10.7

Manual Integrations
APPROVED

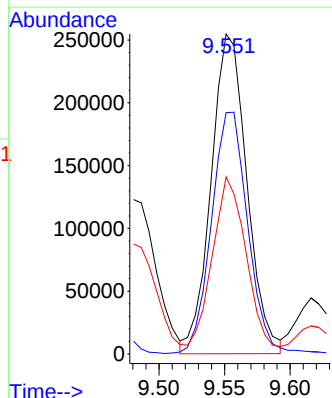
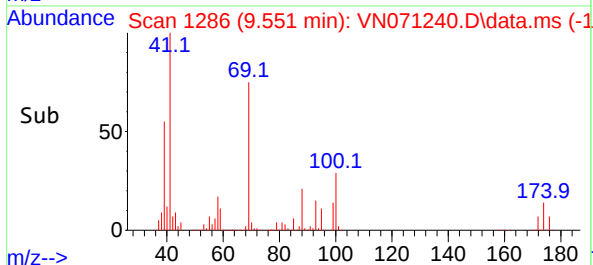
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

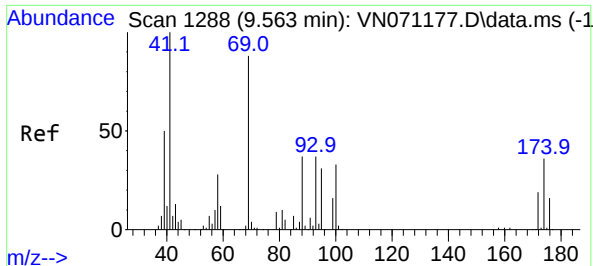


#48
Methyl methacrylate
Concen: 50.504 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



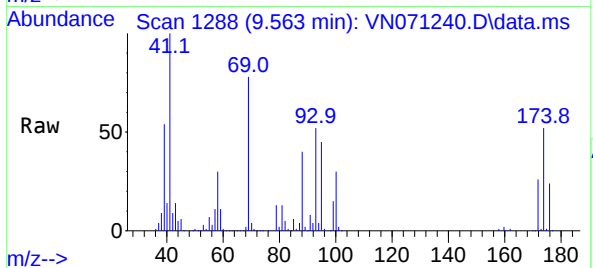
Tgt Ion: 41 Resp: 484101
Ion Ratio Lower Upper
41 100
69 77.2 72.4 108.6
39 53.0 58.4 87.6#





#49
1,4-Dioxane
Concen: 978.884 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

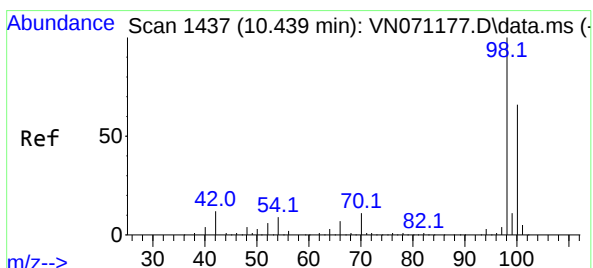
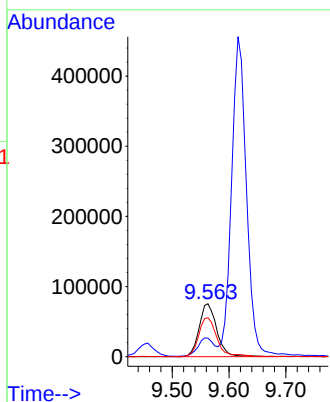
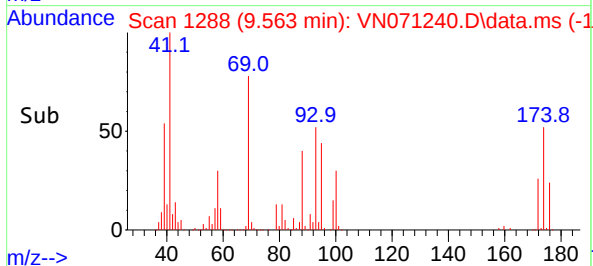
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



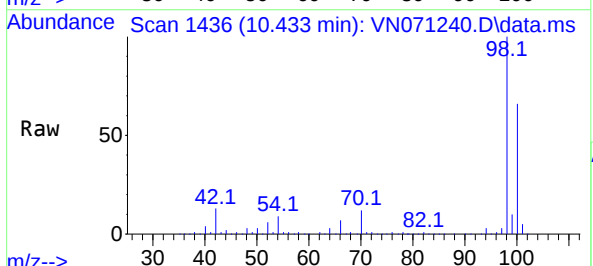
Tgt Ion: 88 Resp: 163097
Ion Ratio Lower Upper
88 100
43 32.9 23.4 35.2
58 76.0 50.6 75.8

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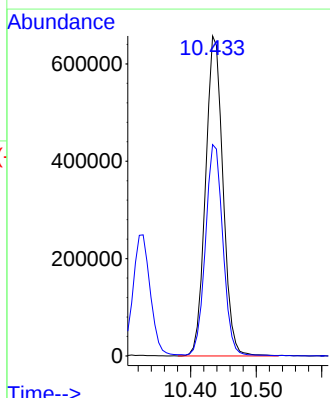
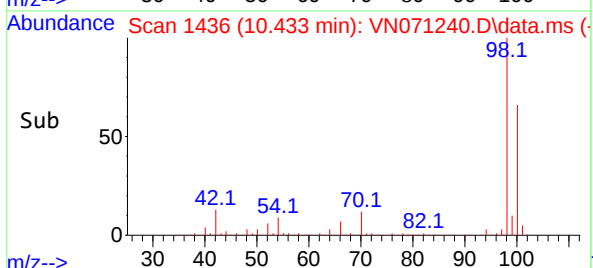
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

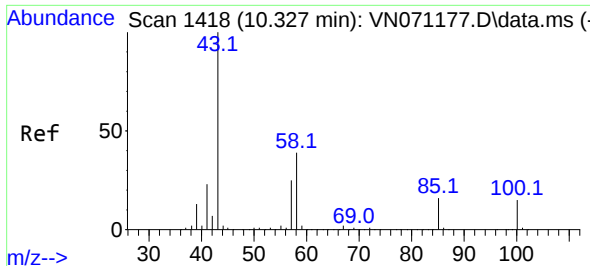


#50
Toluene-d8
Concen: 48.200 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 98 Resp: 1217347
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6





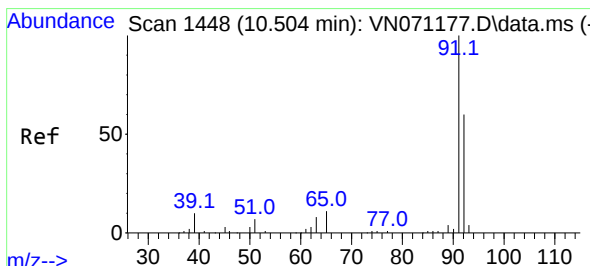
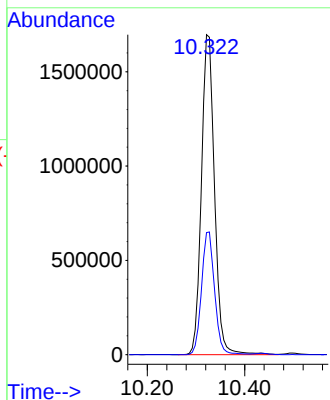
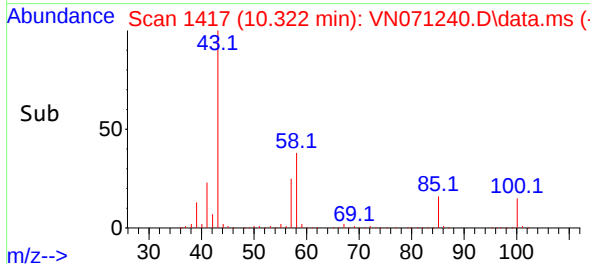
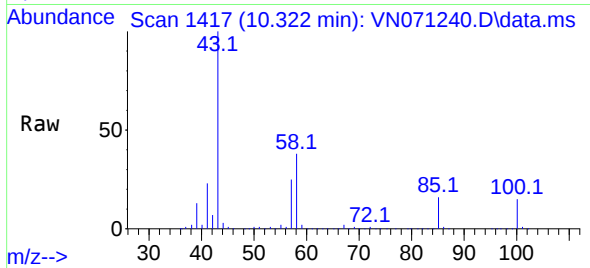
#51
4-Methyl-2-Pentanone
Concen: 247.186 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 317305
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

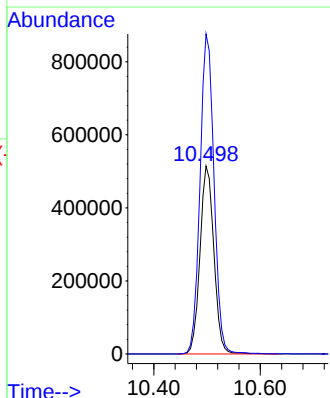
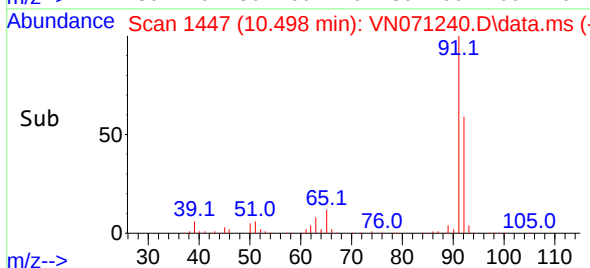
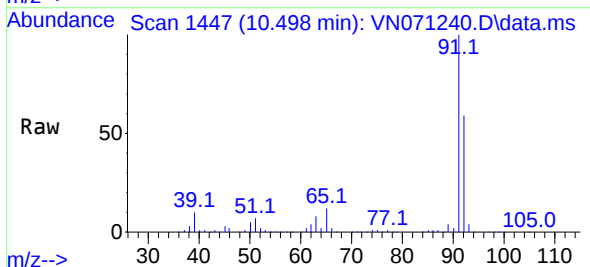
Manual Integrations
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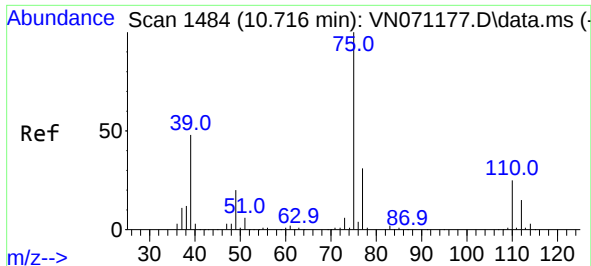
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#52
Toluene
Concen: 49.864 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

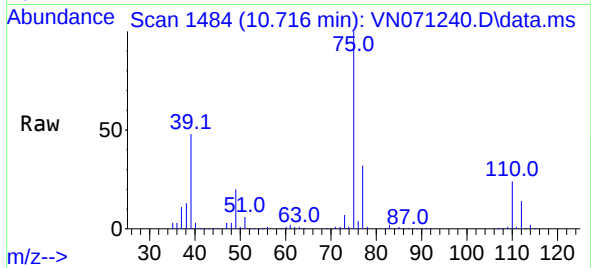
Tgt Ion: 92 Resp: 929787
Ion Ratio Lower Upper
92 100
91 171.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 51.378 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

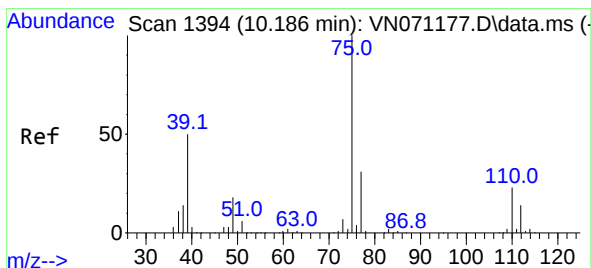
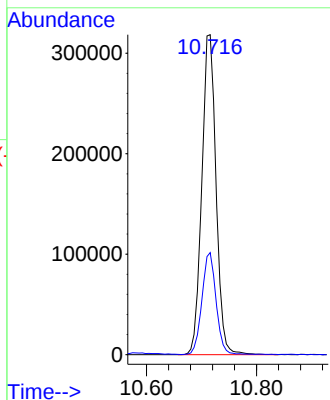
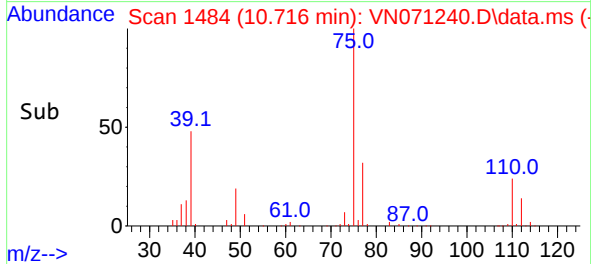
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 57263
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

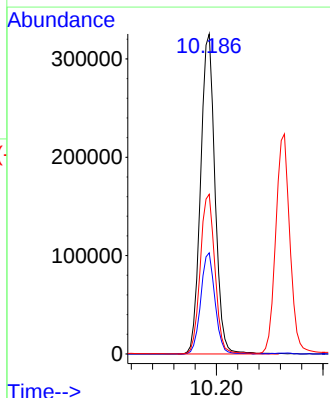
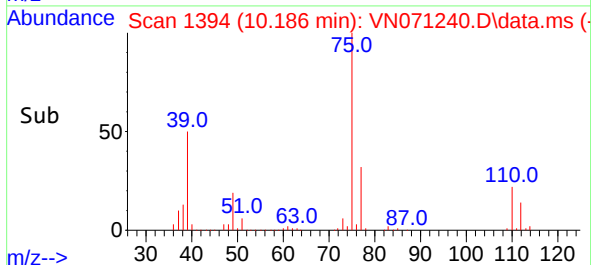
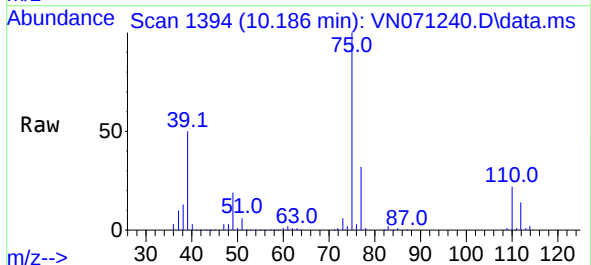
Manual Integrations
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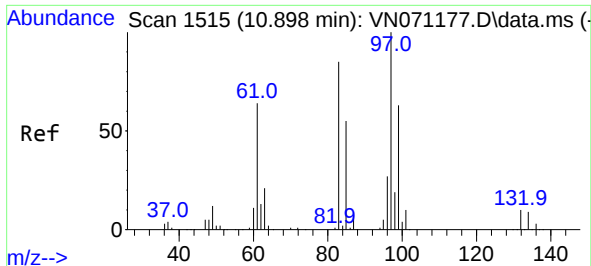
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#54
cis-1,3-Dichloropropene
Concen: 50.065 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

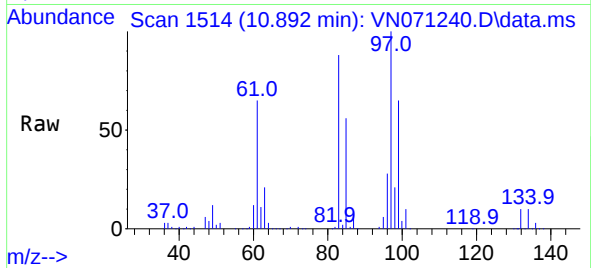
Tgt Ion: 75 Resp: 609703
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 49.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 48.659 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

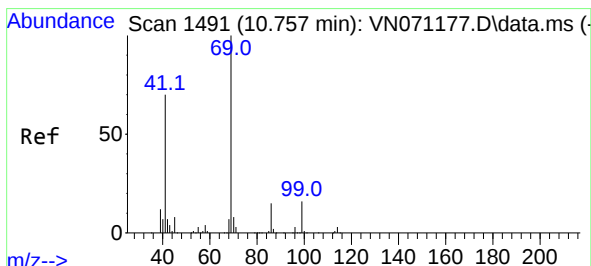
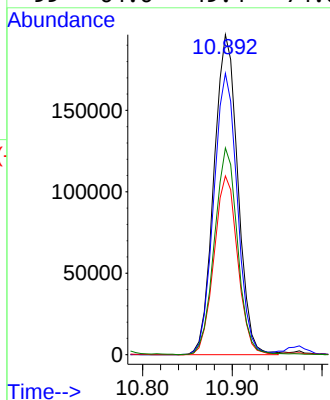
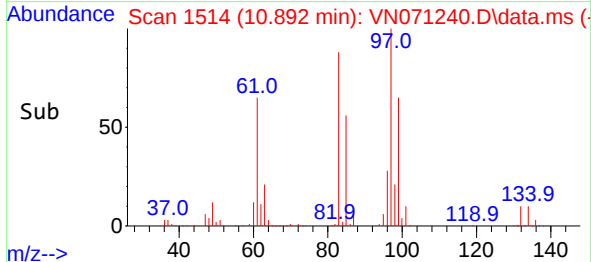
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



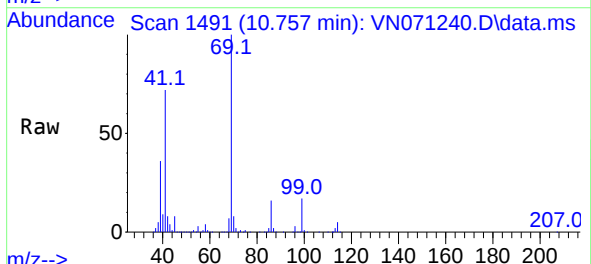
Tgt Ion: 97 Resp: 363569
Ion Ratio Lower Upper
97 100
83 87.9 67.8 101.6
85 55.8 45.4 68.2
99 64.6 49.4 74.0

Manual Integrations
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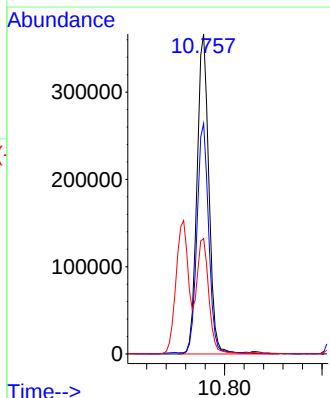
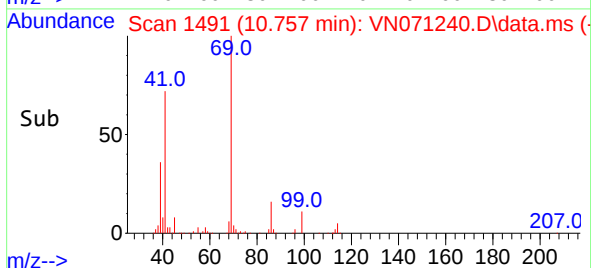
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

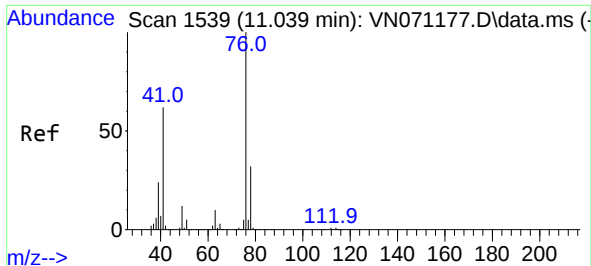


#56
Ethyl methacrylate
Concen: 51.022 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 69 Resp: 622571
Ion Ratio Lower Upper
69 100
41 70.1 51.4 77.0
39 36.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.221 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071240.D

Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 66012

Ion Ratio Lower Upper

76 100

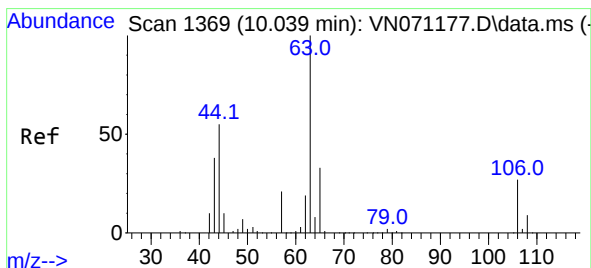
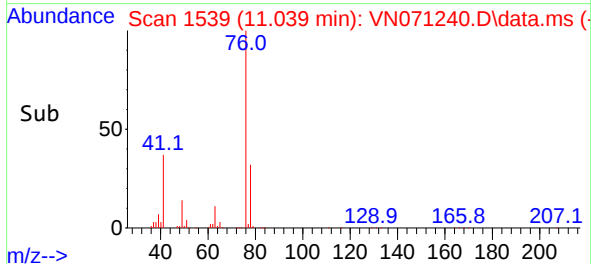
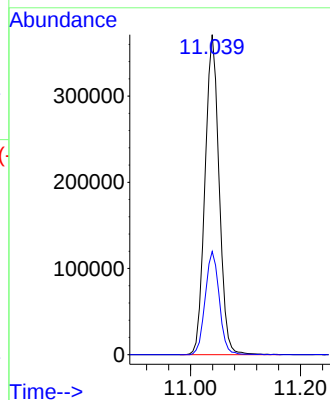
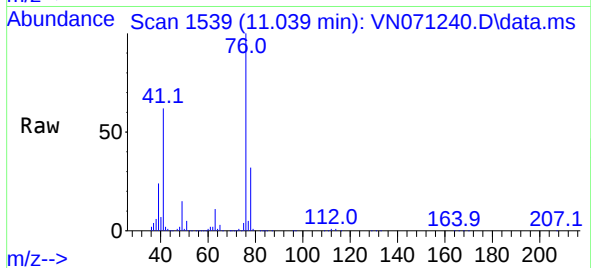
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 31.010 ug/l

RT: 10.034 min Scan# 1368

Delta R.T. -0.005 min

Lab File: VN071240.D

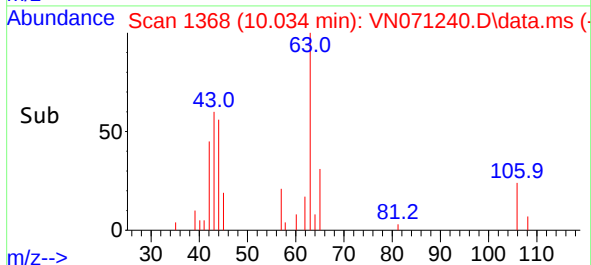
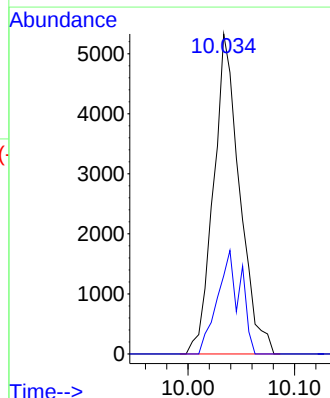
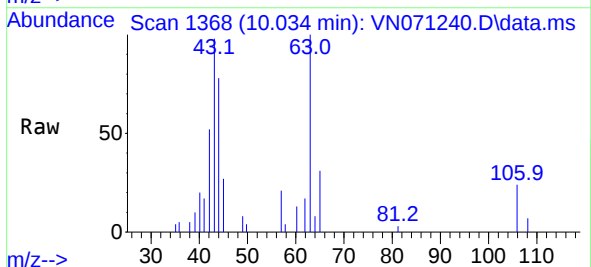
Acq: 11 Mar 2022 09:49

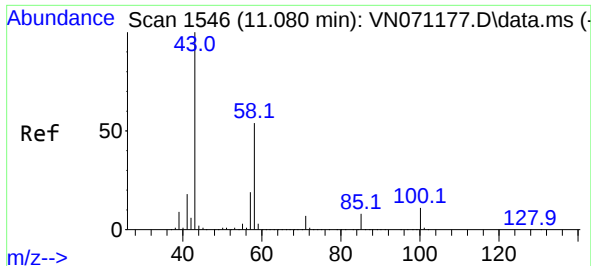
Tgt Ion: 63 Resp: 9073

Ion Ratio Lower Upper

63 100

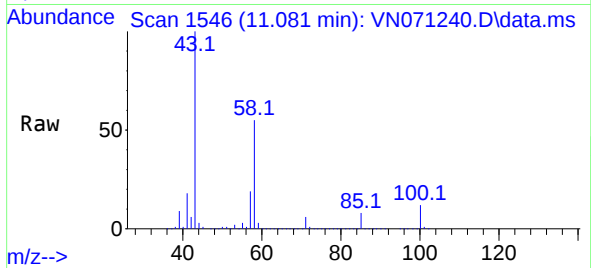
106 28.7 23.9 35.9





#59
2-Hexanone
Concen: 262.372 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

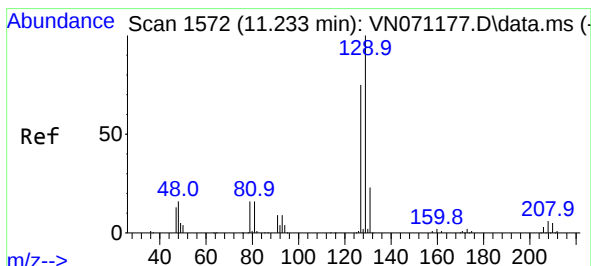
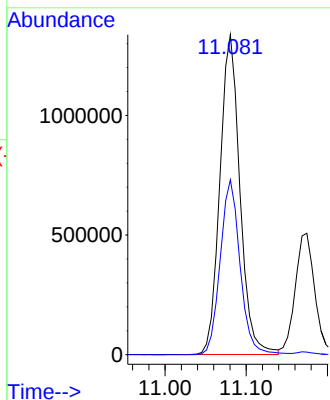
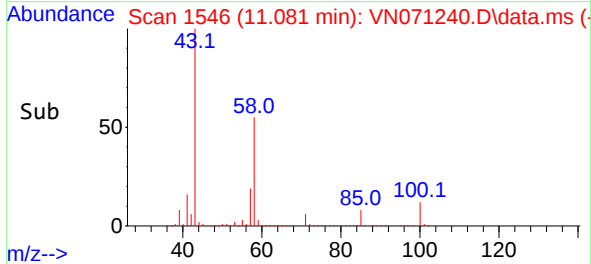
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



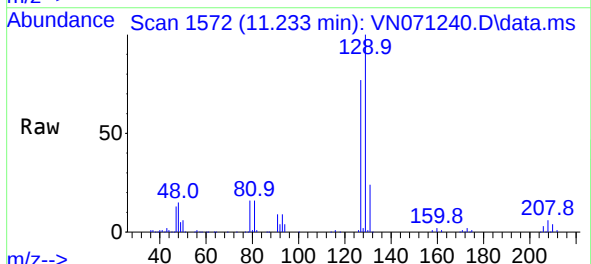
Tgt Ion: 43 Resp: 2298010
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

Manual Integrations
APPROVED

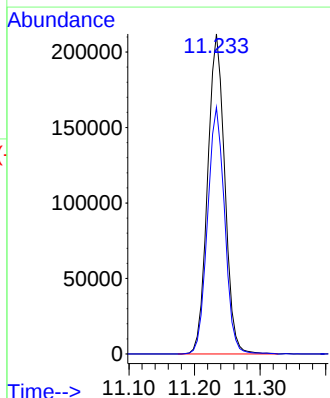
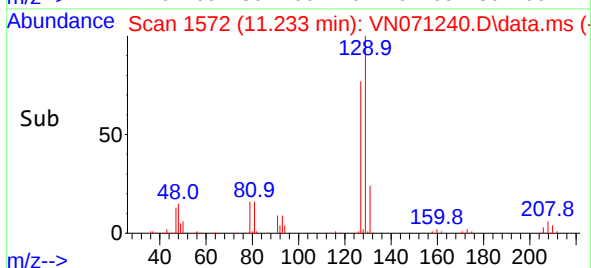
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

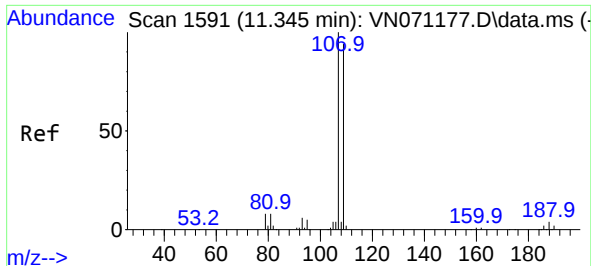


#60
Dibromochloromethane
Concen: 51.929 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



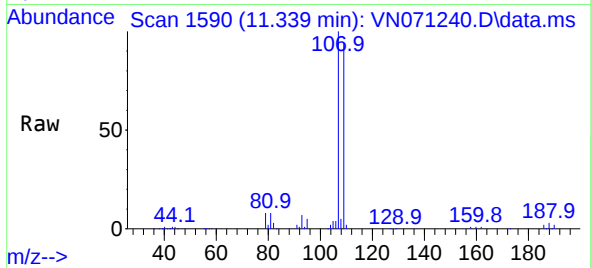
Tgt Ion:129 Resp: 385518
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.557 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

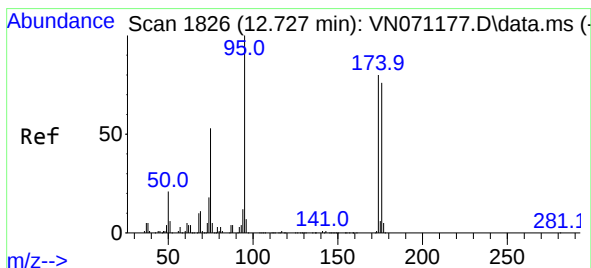
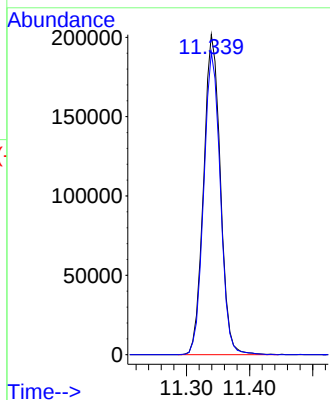
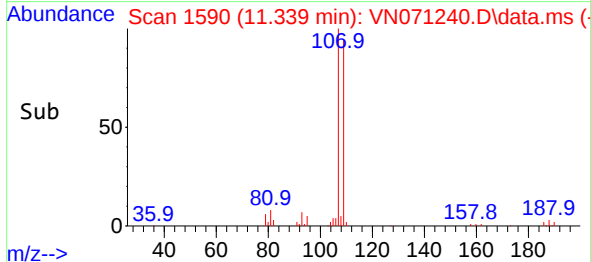
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



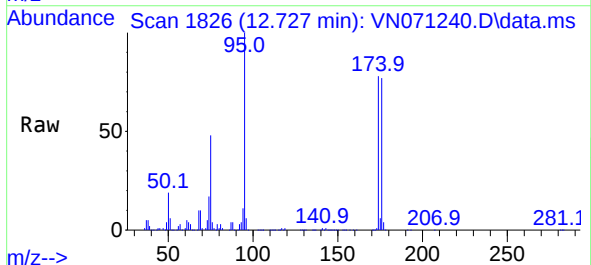
Tgt Ion:107 Resp: 370800
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

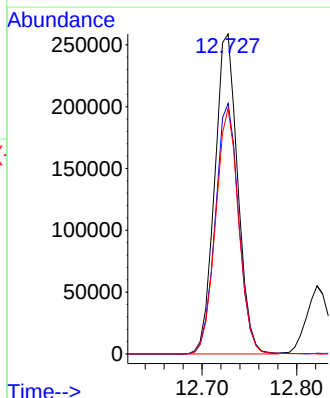
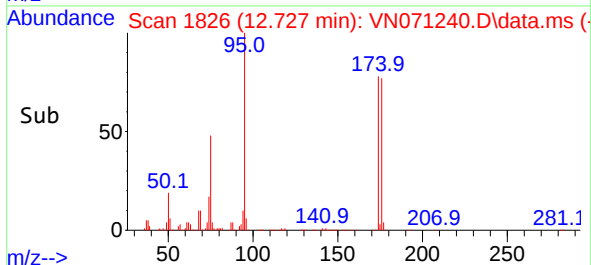
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

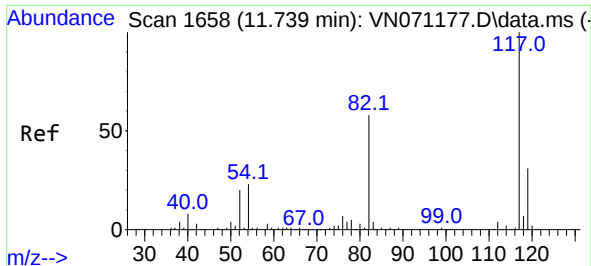


#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



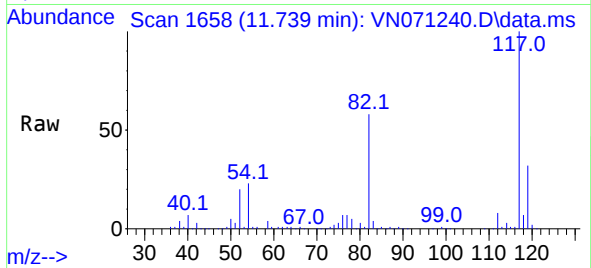
Tgt Ion: 95 Resp: 436854
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

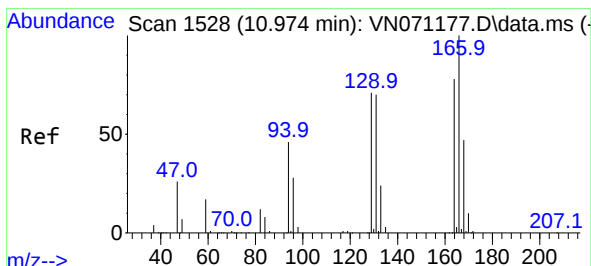
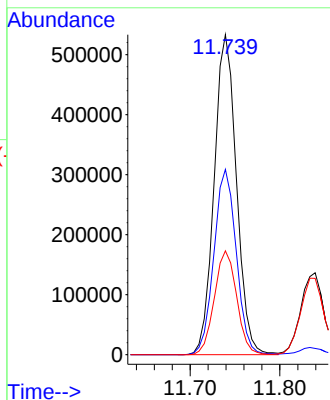
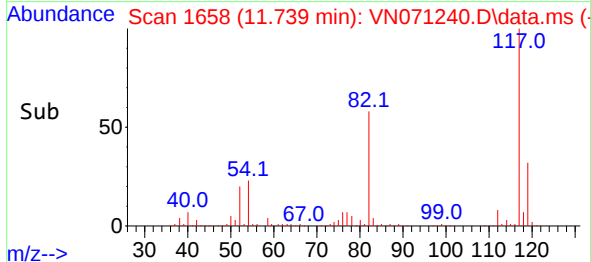
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



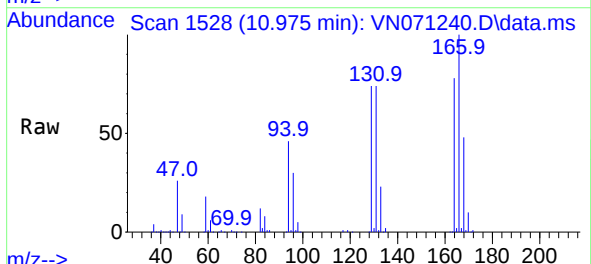
Tgt Ion:117 Resp: 920404
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

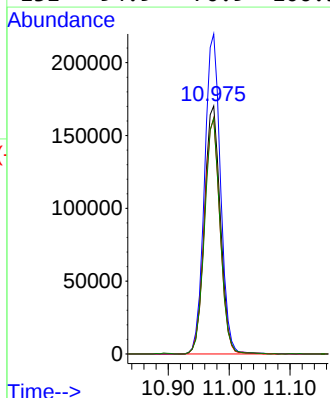
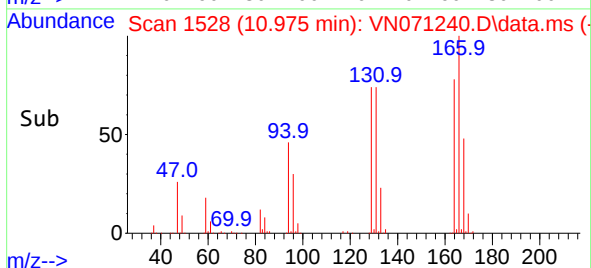
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#64
Tetrachloroethene
Concen: 48.491 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



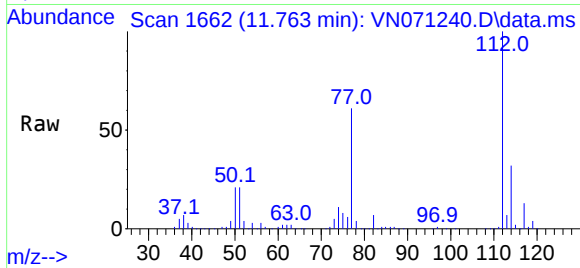
Tgt Ion:164 Resp: 311276
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 95.1 72.0 108.0
131 94.9 70.9 106.3





#65
Chlorobenzene
Concen: 48.901 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

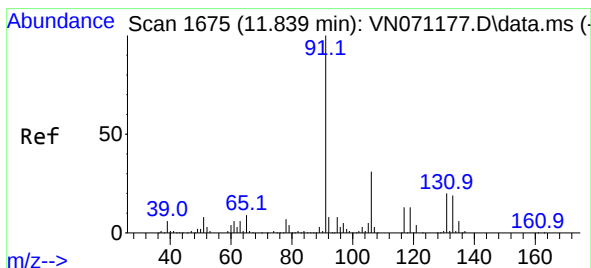
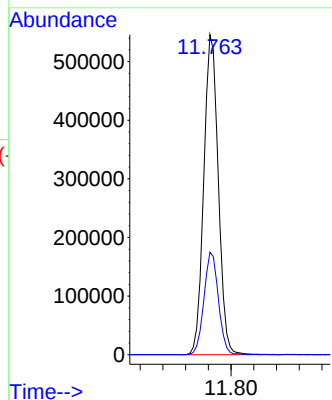
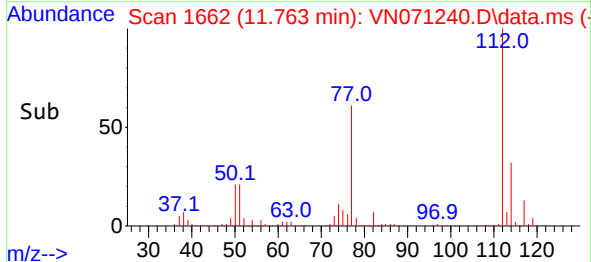
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



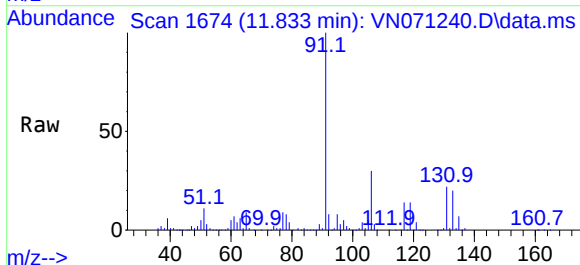
Tgt Ion:112 Resp: 966599
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

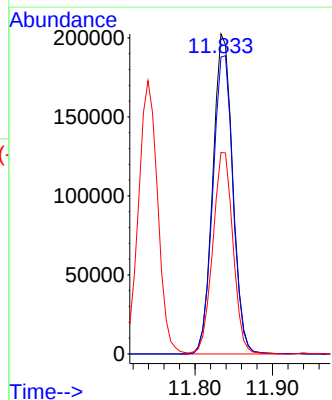
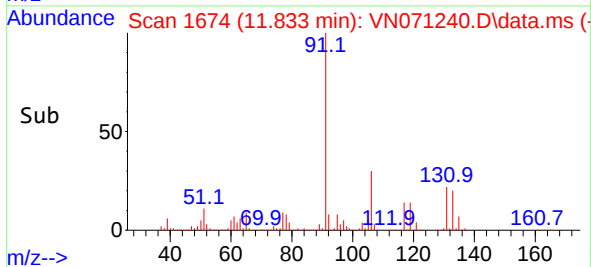
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

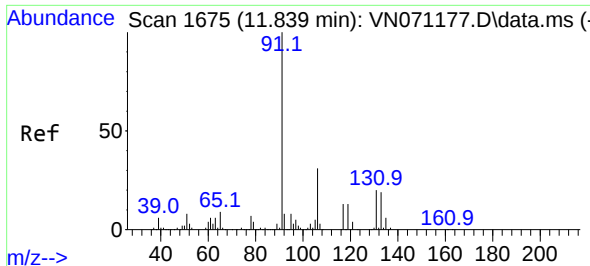


#66
1,1,1,2-Tetrachloroethane
Concen: 49.685 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



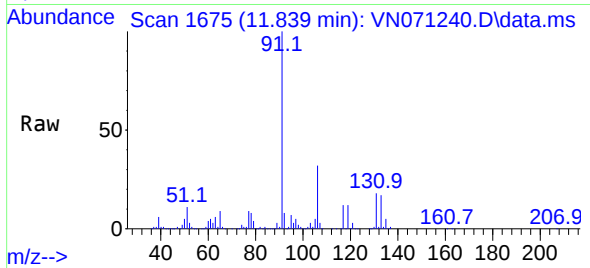
Tgt Ion:131 Resp: 360104
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 51.155 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

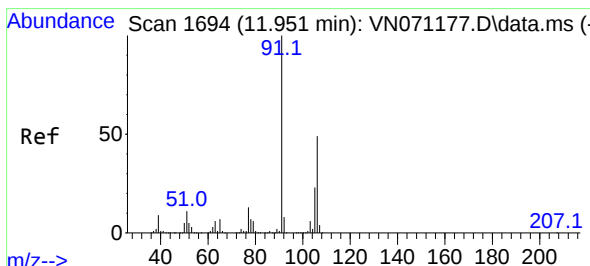
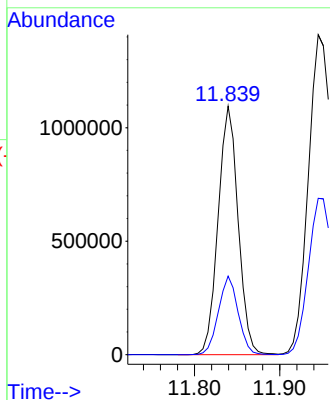
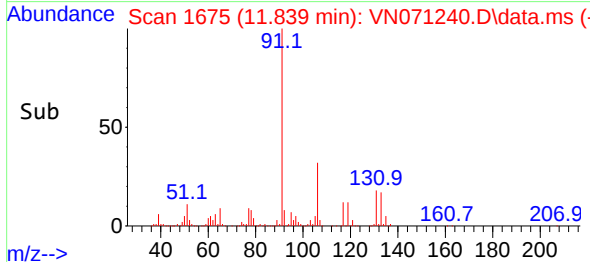
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



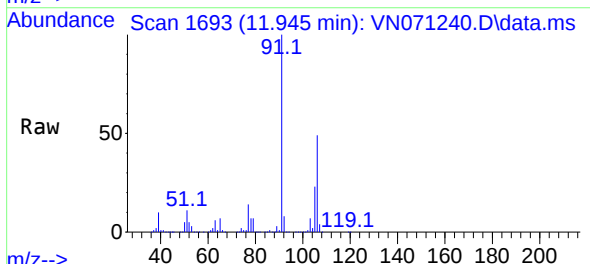
Tgt Ion: 91 Resp: 178780
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

Manual Integrations
APPROVED

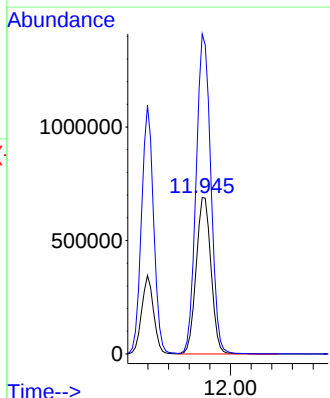
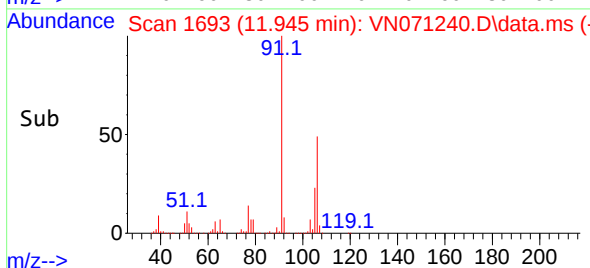
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#68
m/p-Xylenes
Concen: 107.428 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



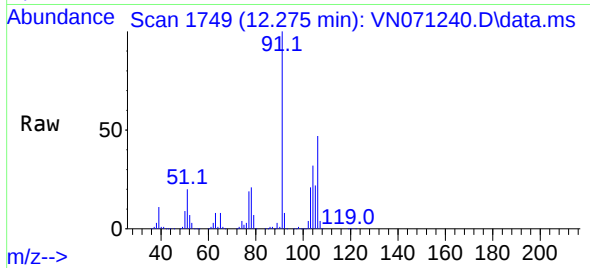
Tgt Ion:106 Resp: 1373501
Ion Ratio Lower Upper
106 100
91 202.0 160.6 240.8





#69
o-Xylene
Concen: 52.703 ug/l
RT: 12.275 min Scan# 1750
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

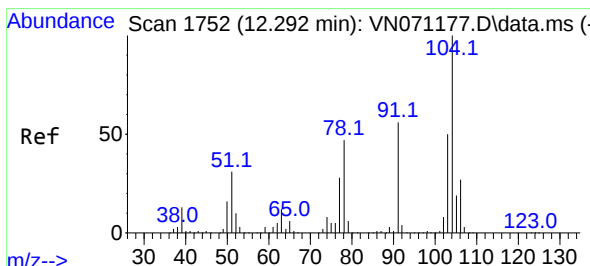
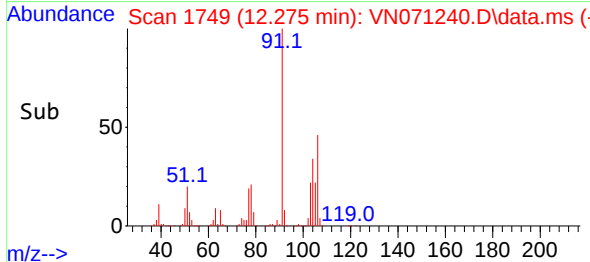
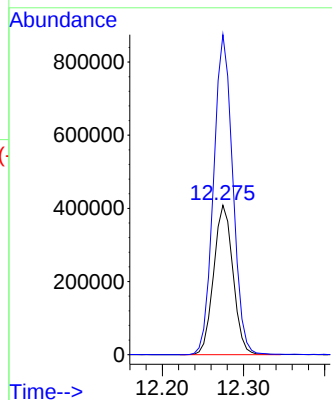
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 675440
Ion Ratio Lower Upper
106 100
91 213.1 105.8 317.3

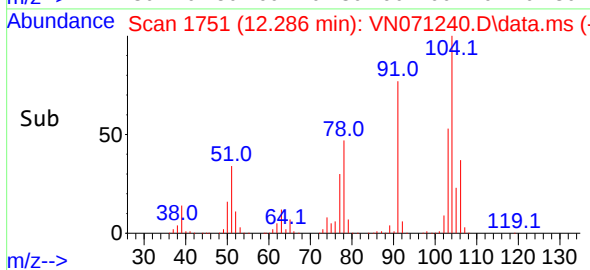
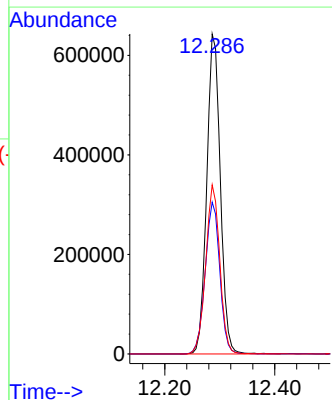
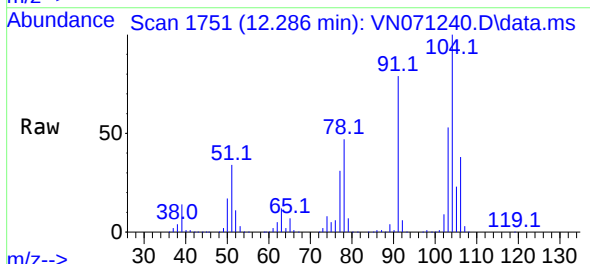
Manual Integrations
APPROVED

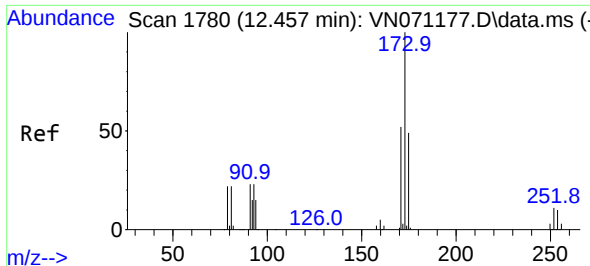
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 55.509 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

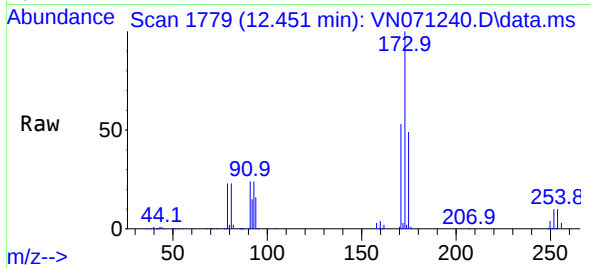
Tgt Ion:104 Resp: 1101205
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 55.0 45.0 67.6





#71
Bromoform
Concen: 52.815 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

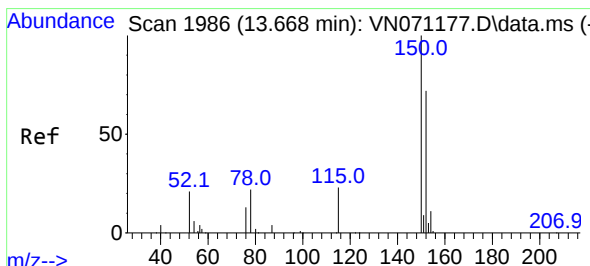
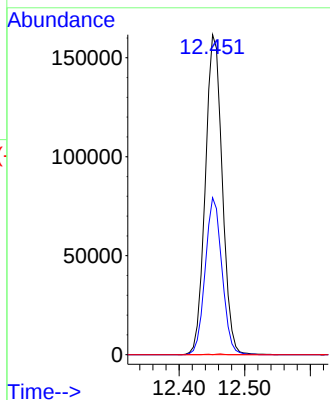
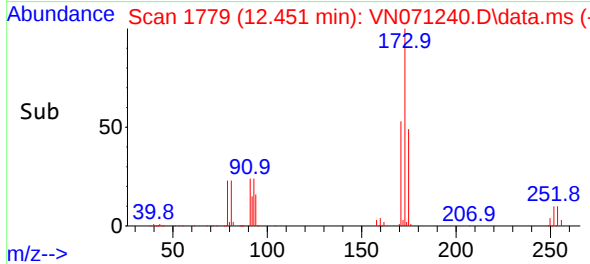
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



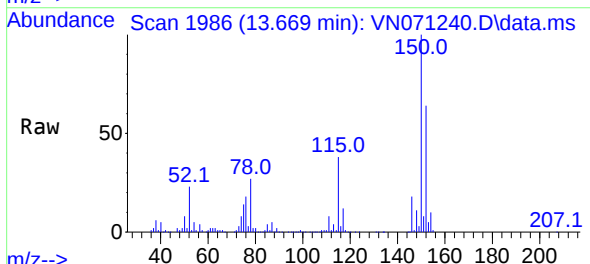
Tgt Ion:173 Resp: 290697
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

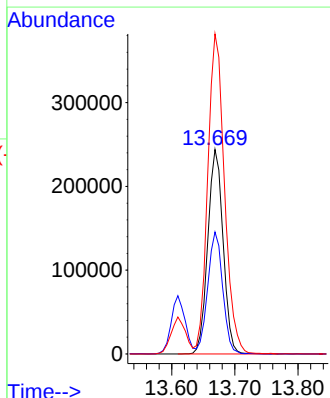
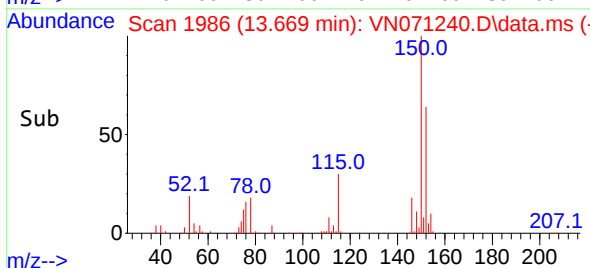
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

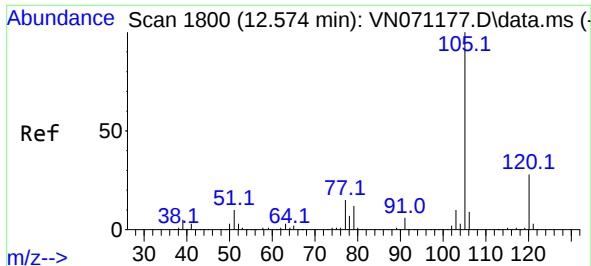


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion:152 Resp: 410887
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 170.6 0.0 344.4





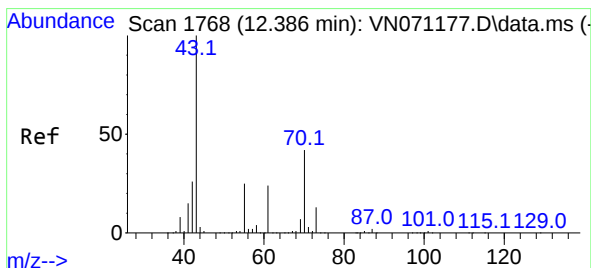
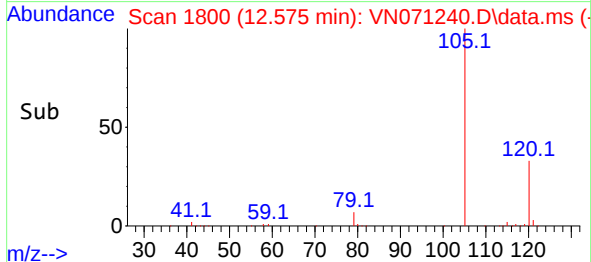
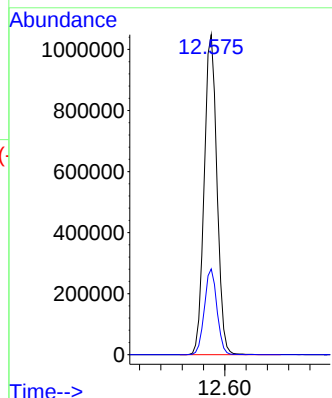
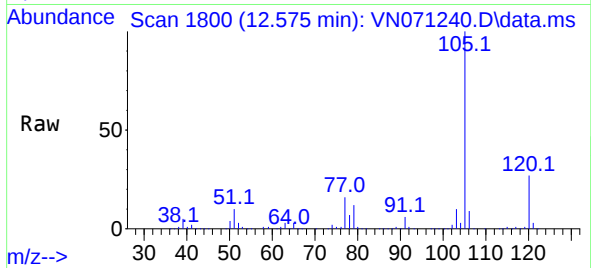
#73
Isopropylbenzene
Concen: 43.778 ug/l
RT: 12.575 min Scan# 1733990
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1733990
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

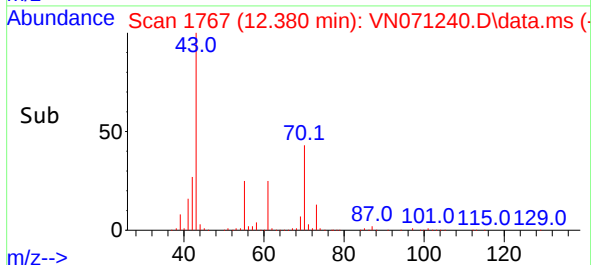
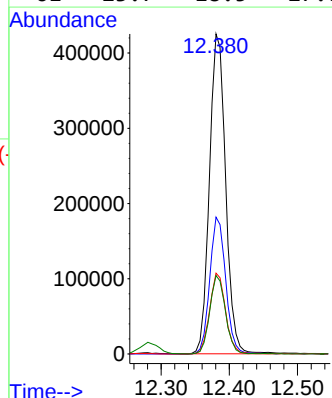
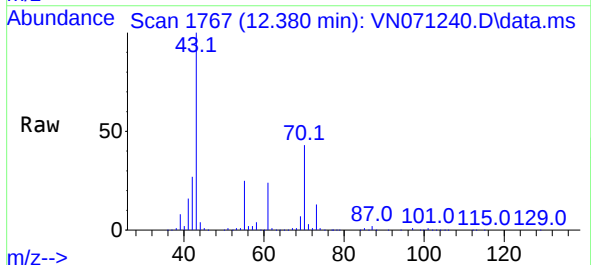
Manual Integrations
APPROVED

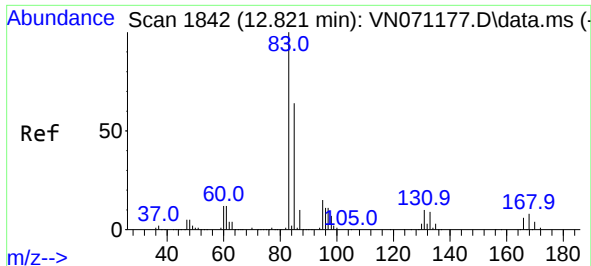
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 47.272 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

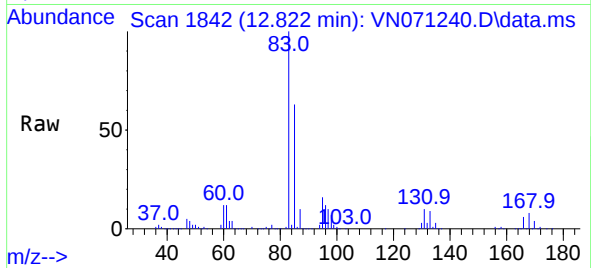
Tgt Ion: 43 Resp: 704013
Ion Ratio Lower Upper
43 100
70 42.2 33.4 50.0
55 24.9 19.3 28.9
61 23.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.968 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

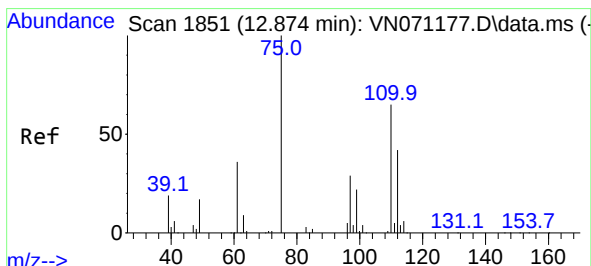
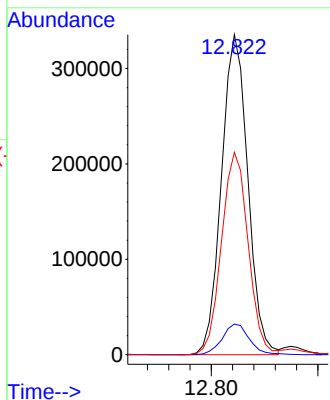
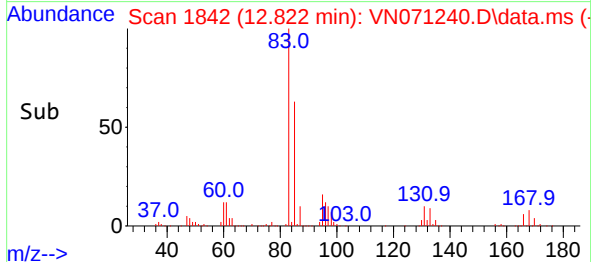
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



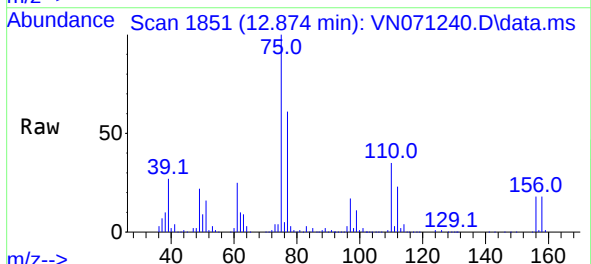
Tgt Ion: 83 Resp: 576989
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
APPROVED

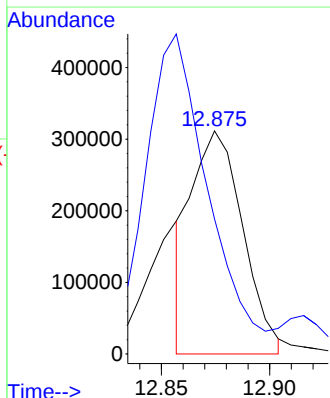
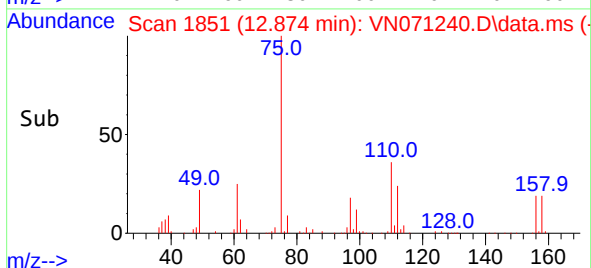
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

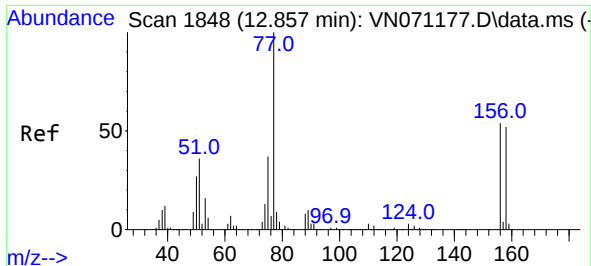


#76
1,2,3-Trichloropropane
Concen: 51.712 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion: 75 Resp: 514015
Ion Ratio Lower Upper
75 100
77 174.9 82.6 247.8





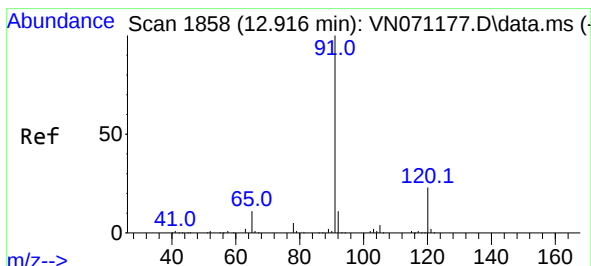
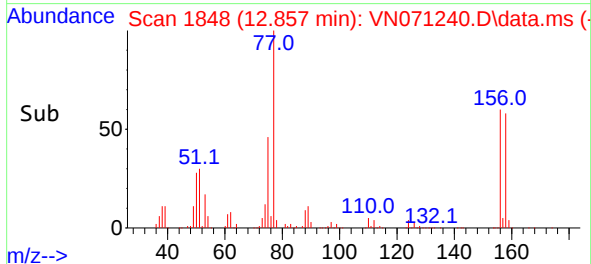
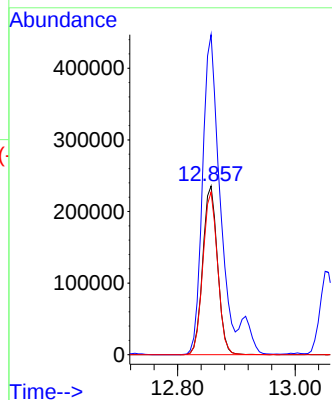
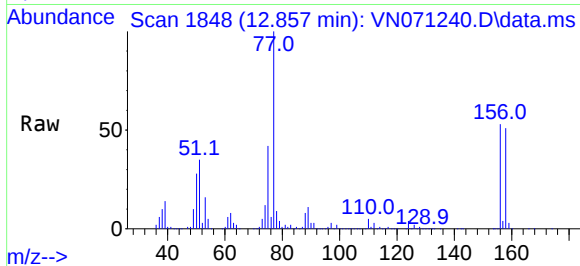
#77
Bromobenzene
Concen: 44.464 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 410680
Ion Ratio Lower Upper
156 100
77 218.9 90.6 271.8
158 96.0 48.9 146.7

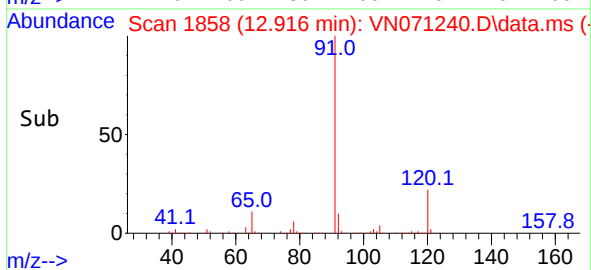
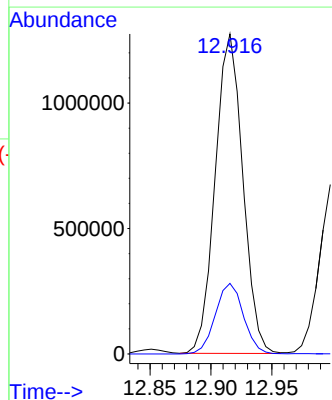
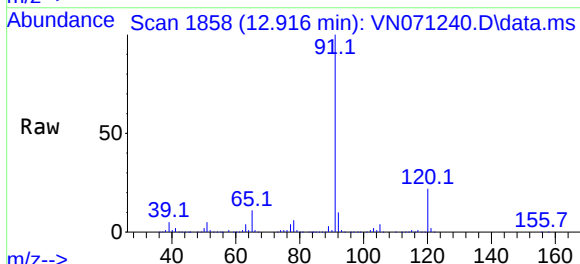
Manual Integrations
APPROVED

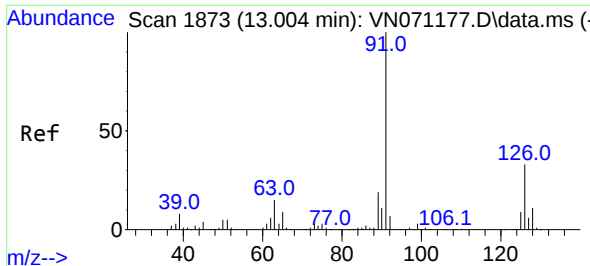
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#78
n-propylbenzene
Concen: 47.253 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 91 Resp: 2008377
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





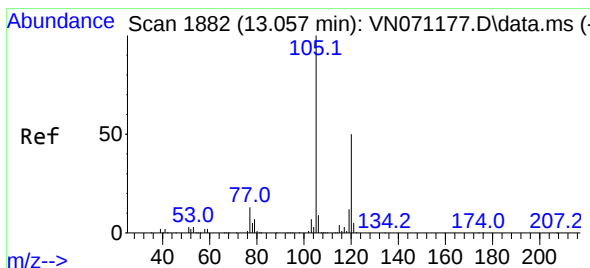
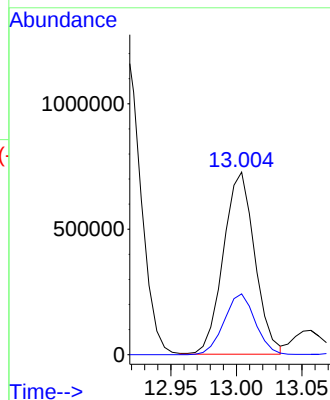
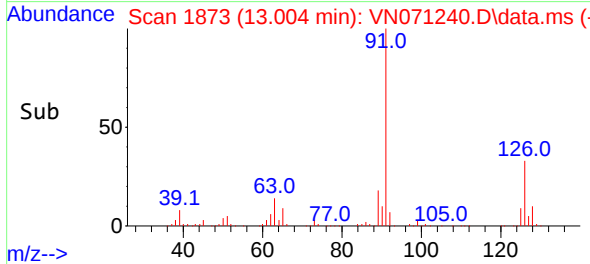
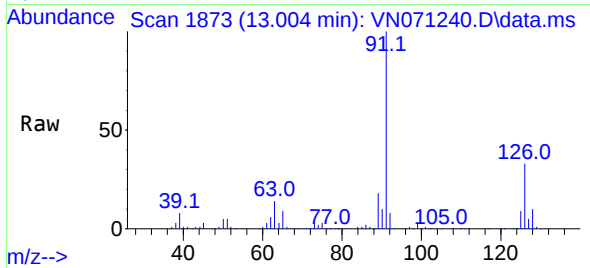
#79
2-Chlorotoluene
Concen: 44.337 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 120969
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8

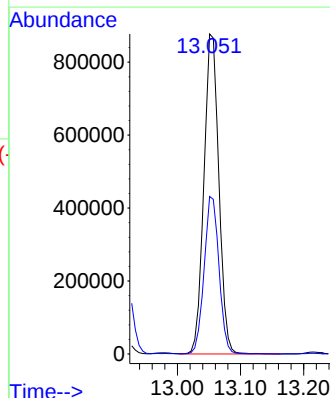
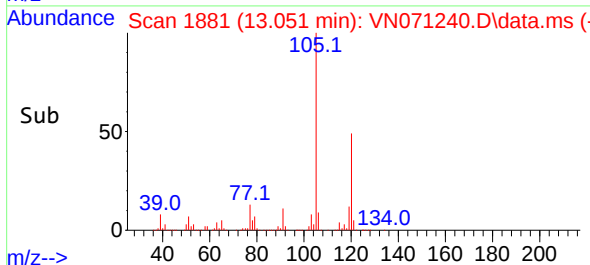
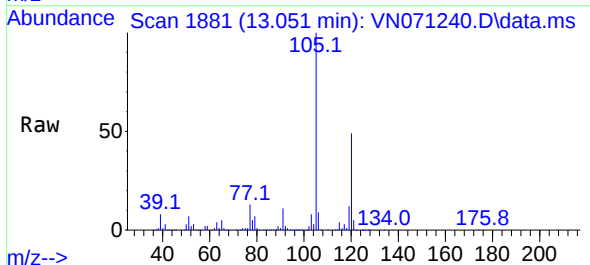
Manual Integrations
APPROVED

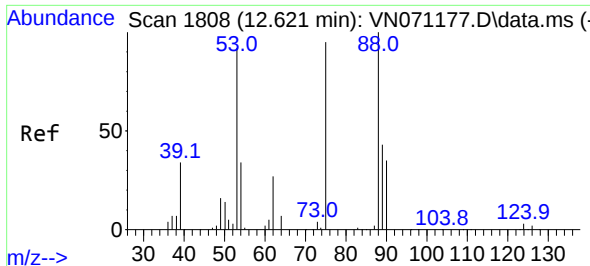
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.853 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

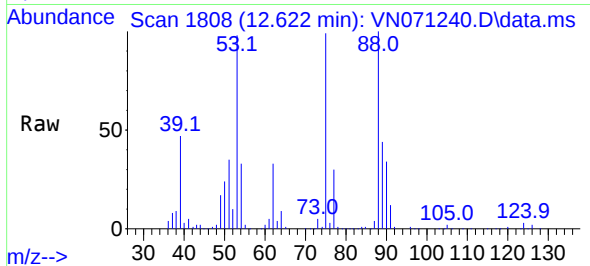
Tgt Ion:105 Resp: 1443809
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.609 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

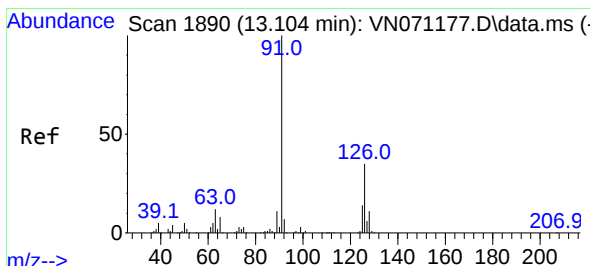
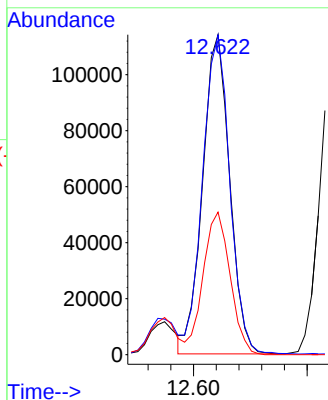
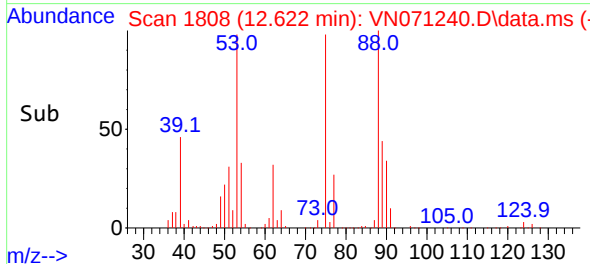
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



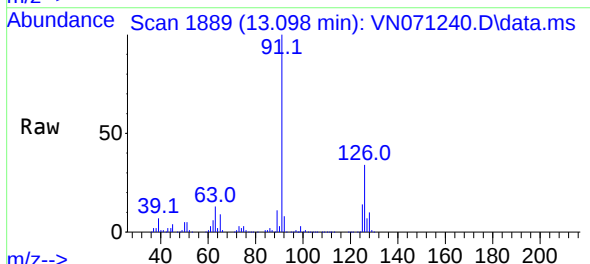
Tgt Ion: 75 Resp: 18856
Ion Ratio Lower Upper
75 100
53 99.8 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
APPROVED

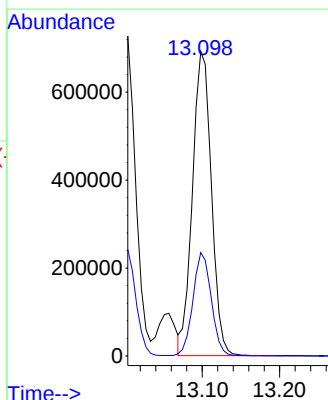
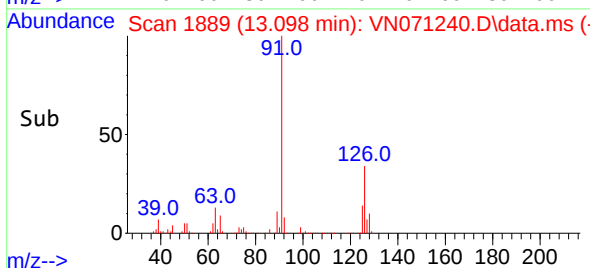
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

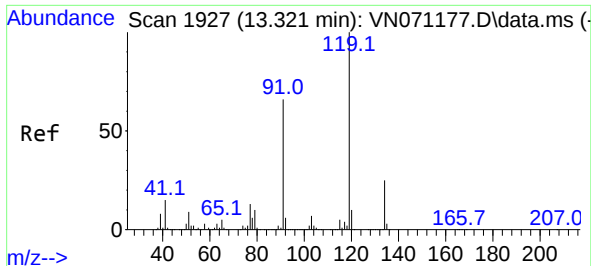


#82
4-Chlorotoluene
Concen: 48.265 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



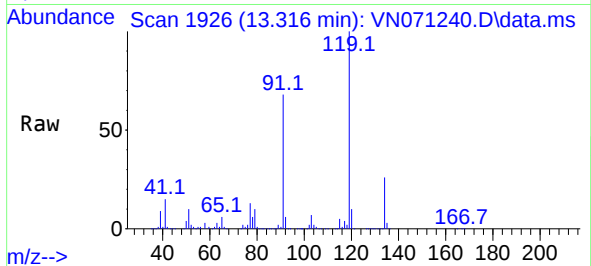
Tgt Ion: 91 Resp: 1172947
Ion Ratio Lower Upper
91 100
126 33.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.203 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

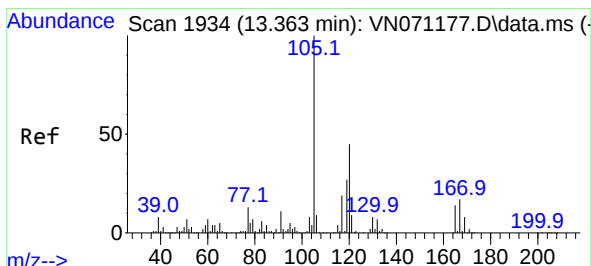
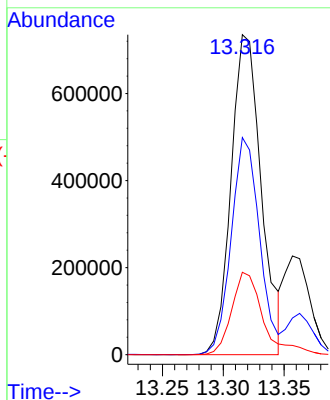
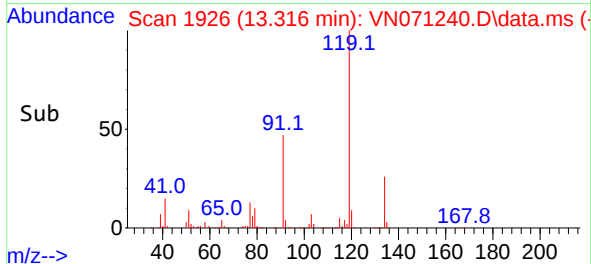
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



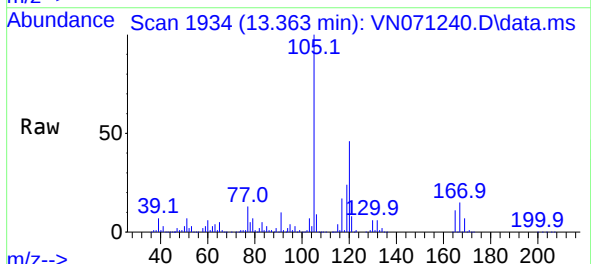
Tgt Ion:119 Resp: 127061
Ion Ratio Lower Upper
119 100
91 63.6 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
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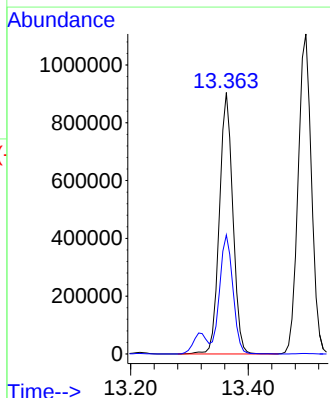
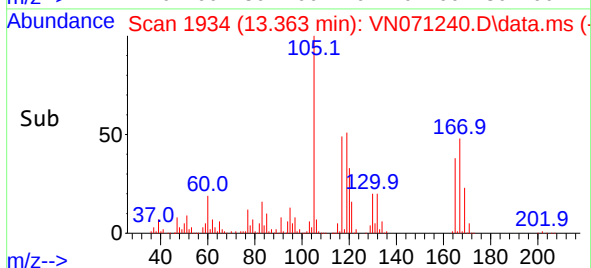
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

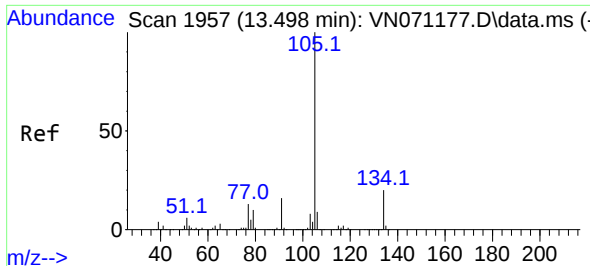


#84
1,2,4-Trimethylbenzene
Concen: 48.401 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



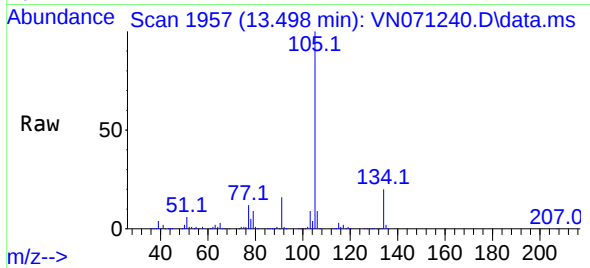
Tgt Ion:105 Resp: 1428621
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 47.648 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071240.D
 Acq: 11 Mar 2022 09:49

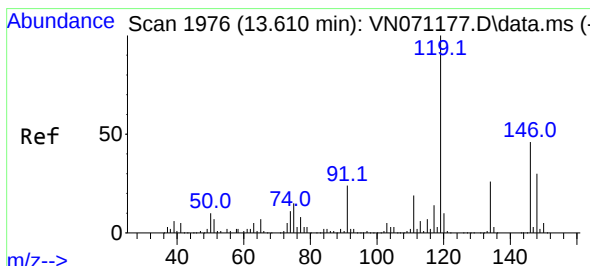
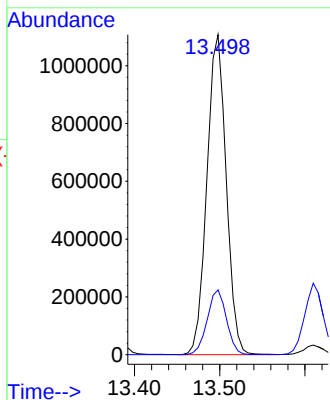
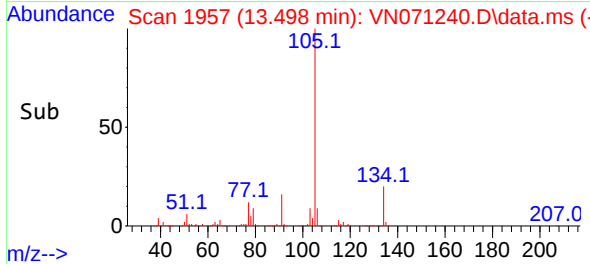
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



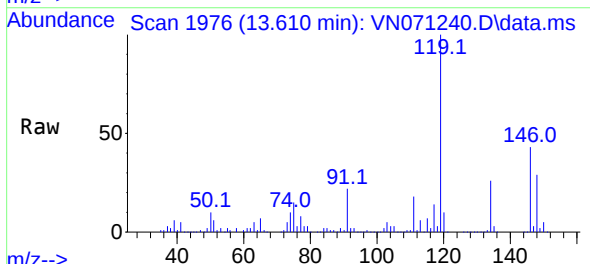
Tgt Ion:105 Resp: 174167
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
 APPROVED

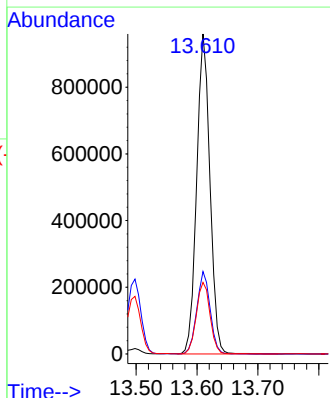
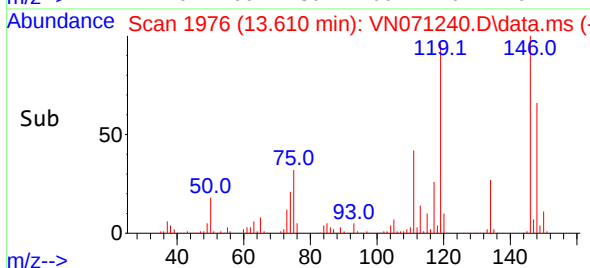
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022

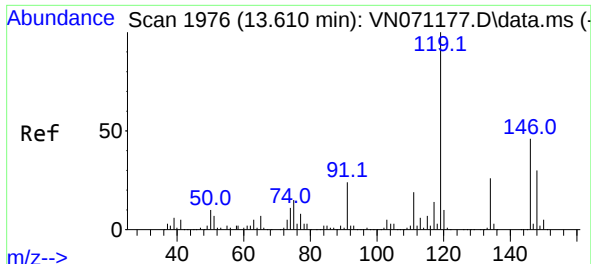


#86
 p-Isopropyltoluene
 Concen: 50.476 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071240.D
 Acq: 11 Mar 2022 09:49



Tgt Ion:119 Resp: 1451013
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 23.0 11.4 34.1





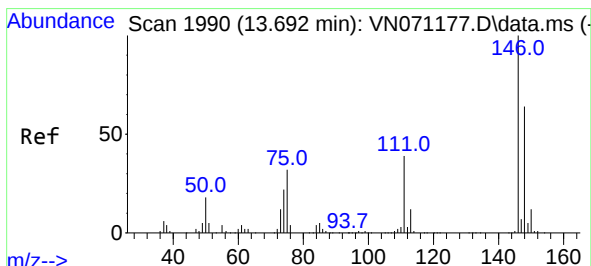
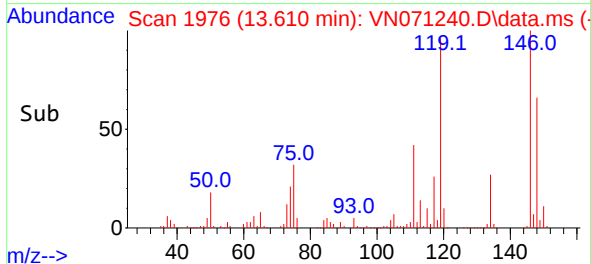
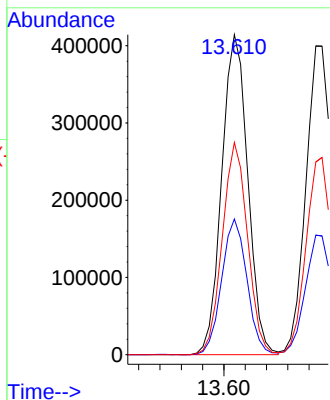
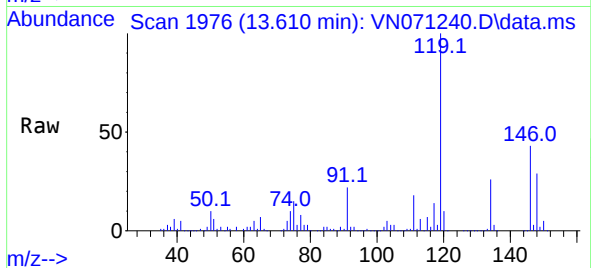
#87
1,3-Dichlorobenzene
Concen: 46.854 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 70315
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 64.3 31.6 95.0

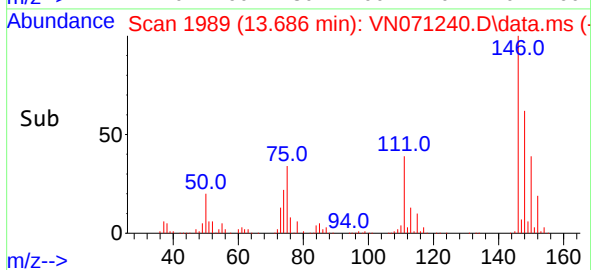
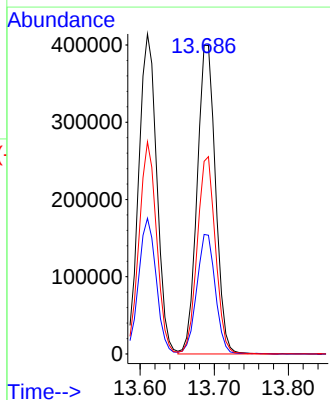
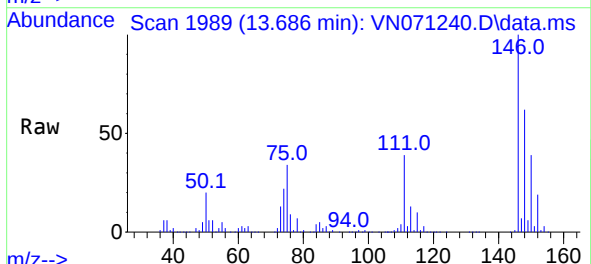
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#88
1,4-Dichlorobenzene
Concen: 47.035 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

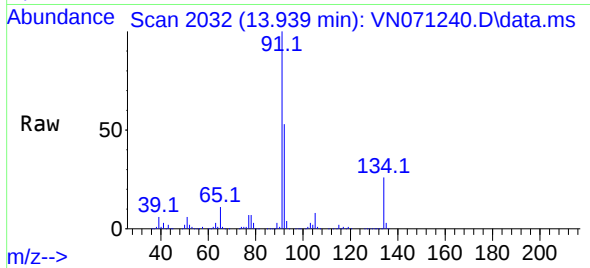
Tgt Ion:146 Resp: 689992
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 51.117 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

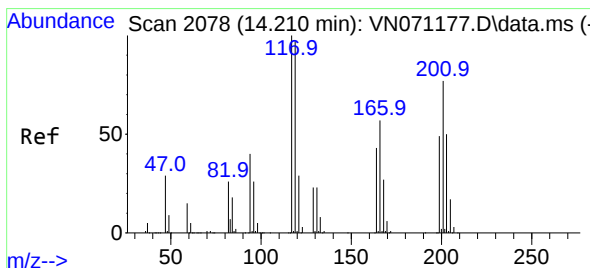
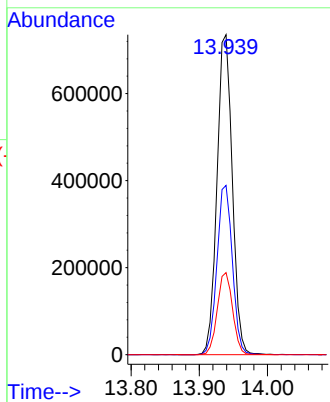
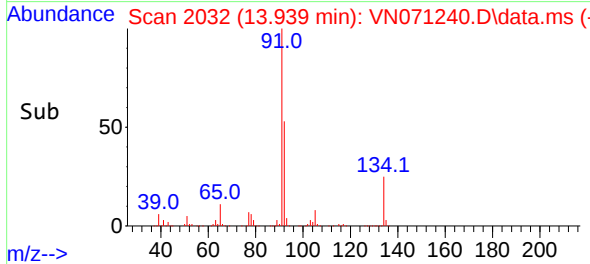
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1149319
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 25.7 13.6 40.8

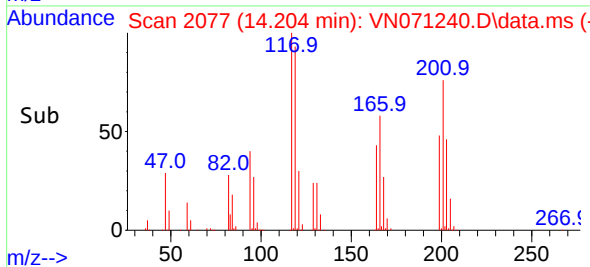
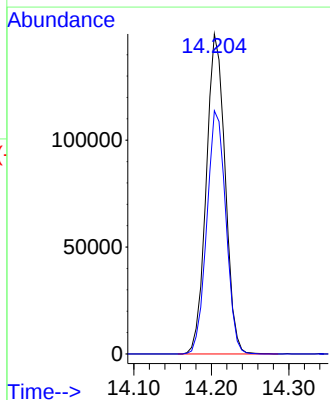
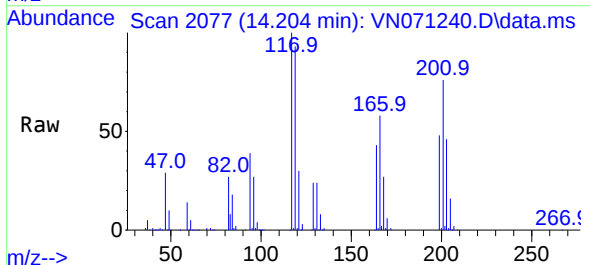
Manual Integrations
APPROVED

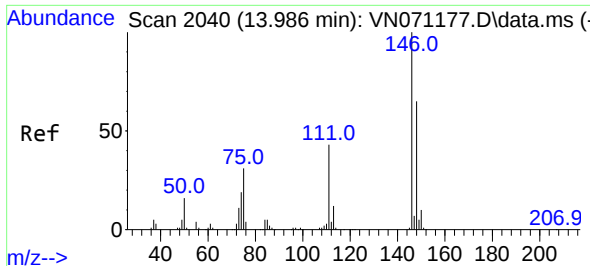
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 44.250 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:117 Resp: 252965
Ion Ratio Lower Upper
117 100
201 76.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.310 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

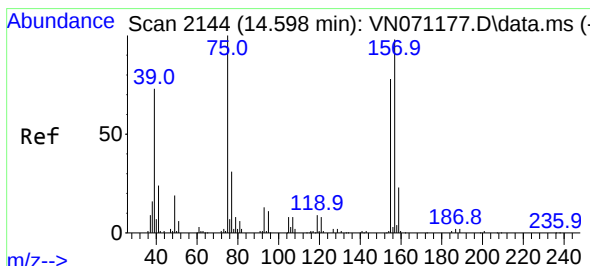
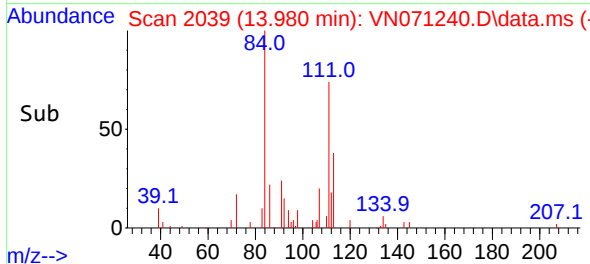
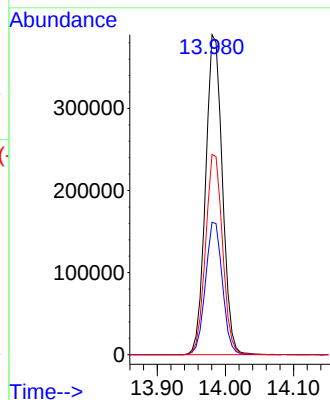
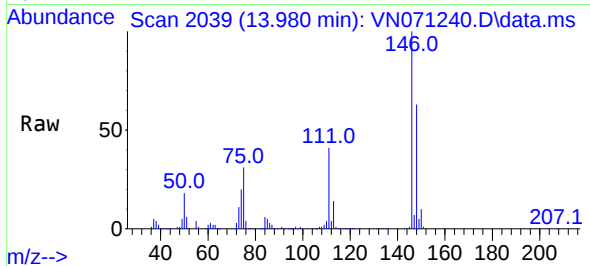
Tgt Ion:146 Resp: 668150
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.3 32.1 96.3

Manual Integrations

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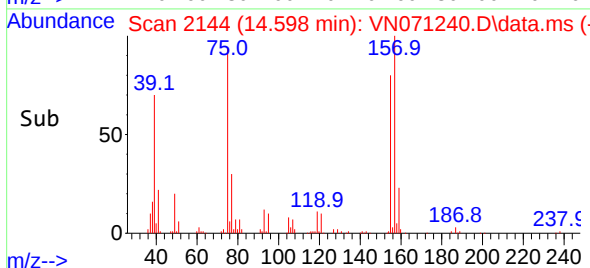
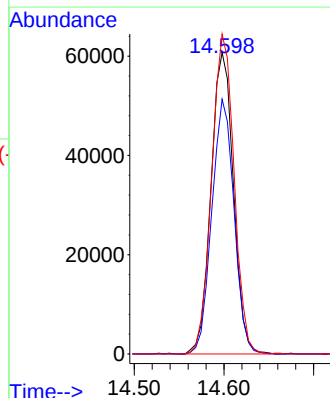
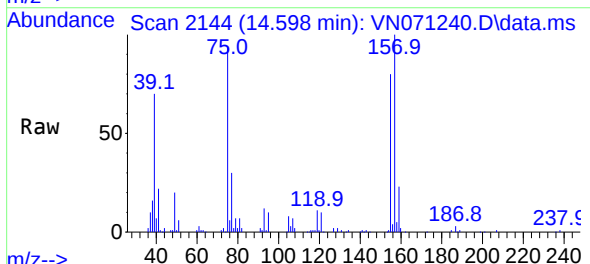
Reviewed By :John Carlone 03/14/2022

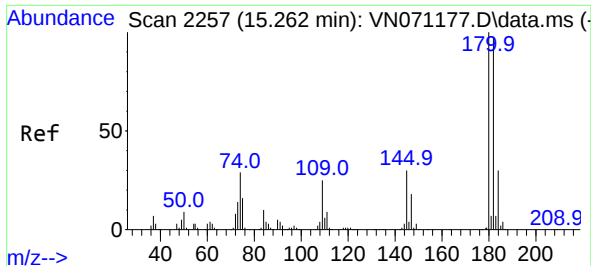
Supervised By :Mahesh Dadoda 03/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.743 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

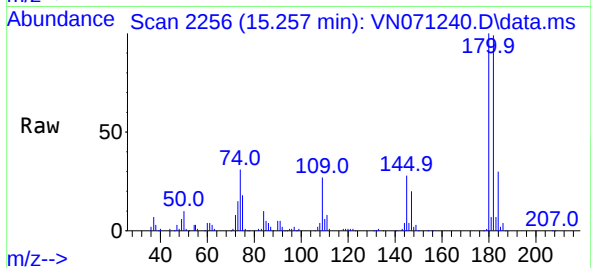
Tgt Ion: 75 Resp: 105420
Ion Ratio Lower Upper
75 100
155 83.7 46.9 140.7
157 105.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.993 ug/l
RT: 15.257 min Scan# 2115
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

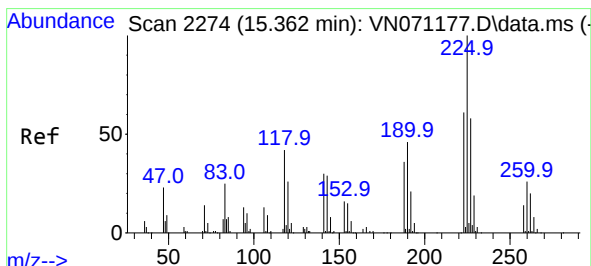
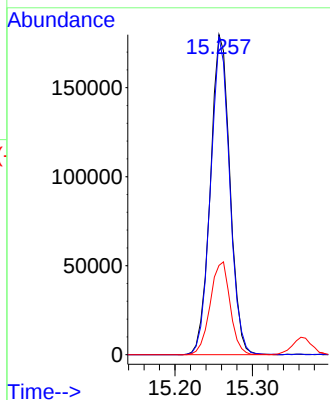
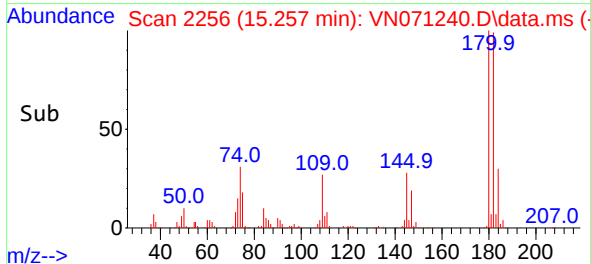
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



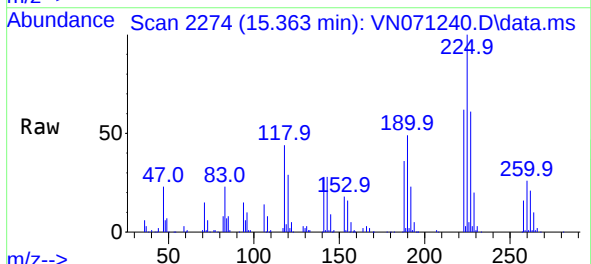
Tgt Ion:180 Resp: 315150
Ion Ratio Lower Upper
180 100
182 96.7 48.3 144.9
145 29.6 14.5 43.5

Manual Integrations
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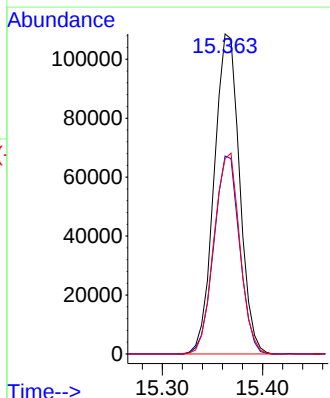
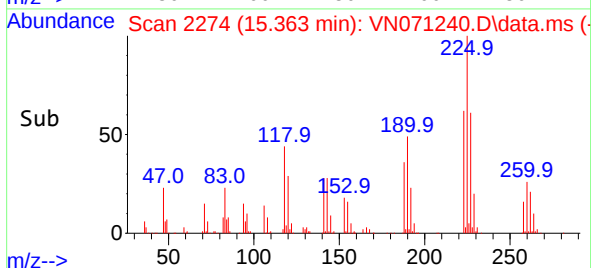
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

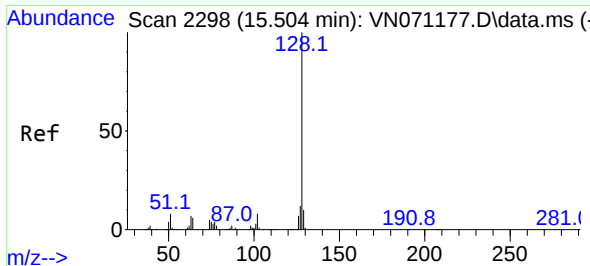


#94
Hexachlorobutadiene
Concen: 47.205 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49



Tgt Ion:225 Resp: 191200
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 63.7 32.1 96.3





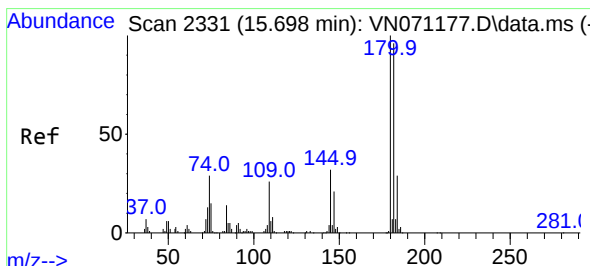
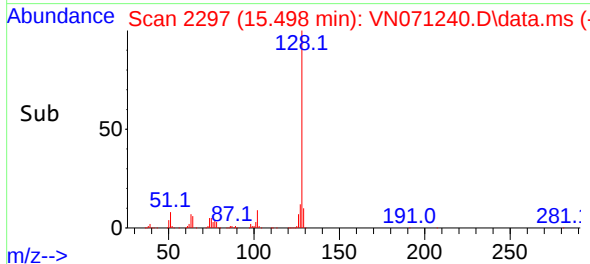
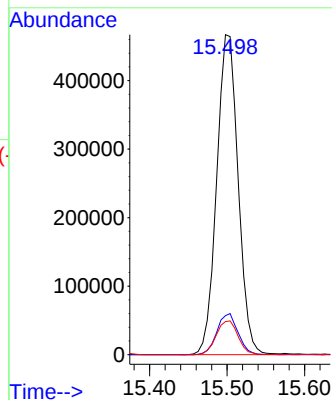
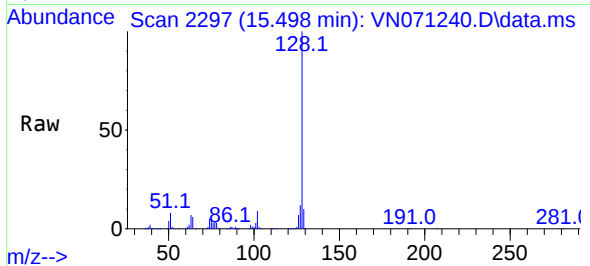
#95
Naphthalene
Concen: 47.961 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 899058
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.738 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:180 Resp: 307106
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 31.0 15.0 45.1

