

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071335.D
 Acq On : 16 Mar 2022 21:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 05:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	702262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1155930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1035875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	428883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	460578	47.853	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.700%		
35) Dibromofluoromethane	8.016	113	353574	48.472	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.940%		
50) Toluene-d8	10.439	98	1387101	47.230	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.460%		
62) 4-Bromofluorobenzene	12.727	95	474732	47.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	290435	37.735	ug/l	99
3) Chloromethane	2.298	50	411081	39.777	ug/l	99
4) Vinyl Chloride	2.440	62	390015	41.349	ug/l	99
5) Bromomethane	2.822	94	198275	46.678	ug/l	96
6) Chloroethane	2.993	64	250308	43.821	ug/l	99
7) Trichlorofluoromethane	3.363	101	508861	40.988	ug/l	97
8) Diethyl Ether	3.822	74	227134	42.754	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	295362	41.097	ug/l	94
10) Methyl Iodide	4.416	142	402772	39.679	ug/l	99
11) Tert butyl alcohol	5.369	59	464891	245.876	ug/l	99
12) 1,1-Dichloroethene	4.181	96	293932	41.749	ug/l	96
13) Acrolein	4.034	56	355875	177.825	ug/l	99
14) Allyl chloride	4.834	41	627975	41.010	ug/l	87
15) Acrylonitrile	5.545	53	1225409	218.269	ug/l	99
16) Acetone	4.281	43	1031517	220.264	ug/l	97
17) Carbon Disulfide	4.528	76	727448	36.293	ug/l	98
18) Methyl Acetate	4.845	43	581847	46.297	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1186259	44.877	ug/l	96
20) Methylene Chloride	5.092	84	362933	42.461	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	309124	40.141	ug/l	86
22) Diisopropyl ether	6.492	45	1288483	42.711	ug/l	92
23) Vinyl Acetate	6.428	43	5653284	221.356	ug/l	99
24) 1,1-Dichloroethane	6.381	63	672307	42.175	ug/l	100
25) 2-Butanone	7.328	43	1696351	224.863	ug/l	96
26) 2,2-Dichloropropane	7.322	77	486184	39.533	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	382552	41.856	ug/l	90
28) Bromochloromethane	7.657	49	283851	39.986	ug/l	85
29) Tetrahydrofuran	7.680	42	1139469	218.028	ug/l	93
30) Chloroform	7.816	83	654006	43.015	ug/l	99
31) Cyclohexane	8.092	56	593139	38.591	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	570179	44.026	ug/l	98
36) 1,1-Dichloropropene	8.222	75	480262	41.093	ug/l	96
37) Ethyl Acetate	7.410	43	667710	41.513	ug/l	98
38) Carbon Tetrachloride	8.204	117	472294	41.780	ug/l	98
39) Methylcyclohexane	9.457	83	567969	41.310	ug/l	95
40) Benzene	8.457	78	1469146	41.722	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	311638	39.591	ug/l	95
42) 1,2-Dichloroethane	8.527	62	539038	43.991	ug/l	99
43) Isopropyl Acetate	8.557	43	1056725	43.934	ug/l	97
44) Trichloroethene	9.216	130	350777	42.220	ug/l	95
45) 1,2-Dichloropropane	9.486	63	399263	42.239	ug/l	97
46) Dibromomethane	9.574	93	252926	43.474	ug/l	96
47) Bromodichloromethane	9.757	83	513959	43.713	ug/l	97
48) Methyl methacrylate	9.557	41	504346	45.247	ug/l #	83
49) 1,4-Dioxane	9.563	88	193702	999.755	ug/l	88
51) 4-Methyl-2-Pentanone	10.327	43	3402190	227.919	ug/l	98
52) Toluene	10.504	92	929503	42.868	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	567583	43.793	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	616463	43.531	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	372836	42.911	ug/l	99
56) Ethyl methacrylate	10.757	69	650476	45.843	ug/l	90
57) 1,3-Dichloropropane	11.039	76	668675	42.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	988201	322.410	ug/l	96
59) 2-Hexanone	11.080	43	2534742	248.871	ug/l	100
60) Dibromochloromethane	11.233	129	390716	45.258	ug/l	99
61) 1,2-Dibromoethane	11.345	107	382519	43.076	ug/l	99
64) Tetrachloroethene	10.974	164	295099	40.847	ug/l	98
65) Chlorobenzene	11.768	112	972242	43.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	364750	44.716	ug/l	100
67) Ethyl Benzene	11.839	91	1785669	45.398	ug/l	98
68) m/p-Xylenes	11.951	106	1330939	92.495	ug/l	98
69) o-Xylene	12.274	106	672775	46.643	ug/l	98
70) Styrene	12.292	104	1085147	48.602	ug/l	97
71) Bromoform	12.457	173	302719	48.868	ug/l #	99
73) Isopropylbenzene	12.574	105	1733970	41.940	ug/l	99
74) N-amyl acetate	12.386	43	739841	47.593	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	600350	48.804	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	555682m	53.665	ug/l	
77) Bromobenzene	12.857	156	406542	42.169	ug/l	81
78) n-propylbenzene	12.915	91	1905925	42.960	ug/l	98
79) 2-Chlorotoluene	13.004	91	1188775	41.742	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1379866	42.899	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	186927	47.115	ug/l	92
82) 4-Chlorotoluene	13.098	91	1114536	43.937	ug/l	94
83) tert-Butylbenzene	13.321	119	1250876	43.576	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1360142	44.147	ug/l	99
85) sec-Butylbenzene	13.498	105	1696663	44.469	ug/l	99
86) p-Isopropyltoluene	13.610	119	1362715	45.415	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	676826	43.207	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	638519	41.700	ug/l	97
89) n-Butylbenzene	13.939	91	1039835	44.307	ug/l	96
90) Hexachloroethane	14.209	117	257536	43.160	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	655954	43.556	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	115011	47.811	ug/l	89
93) 1,2,4-Trichlorobenzene	15.262	180	307478	44.120	ug/l	97
94) Hexachlorobutadiene	15.362	225	171104	40.471	ug/l	99
95) Naphthalene	15.503	128	992182	50.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	311621	46.483	ug/l	99

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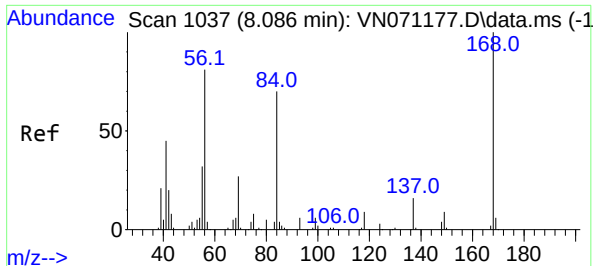
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



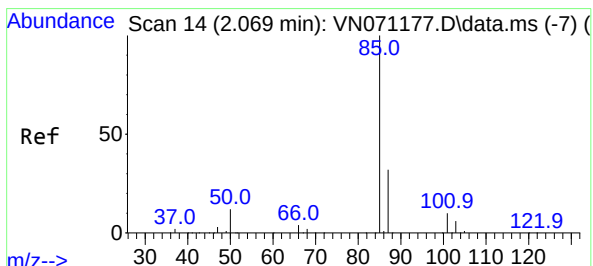
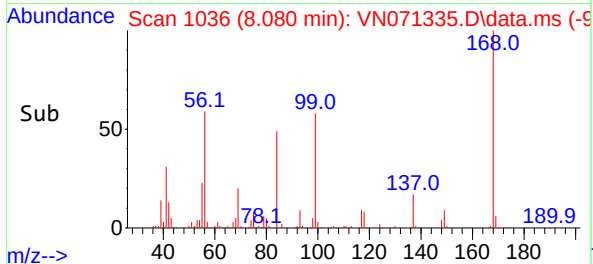
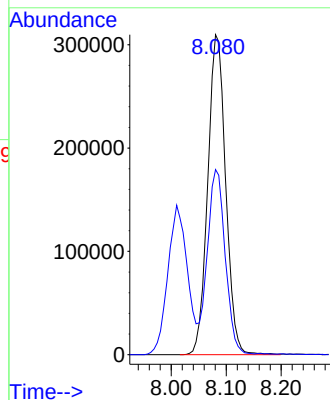
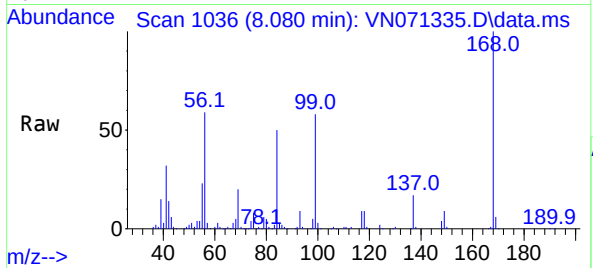
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071335.D
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Tgt Ion:168 Resp: 702262
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9

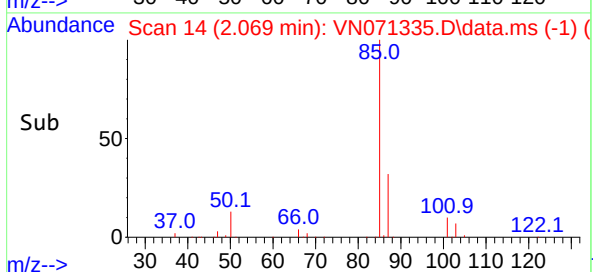
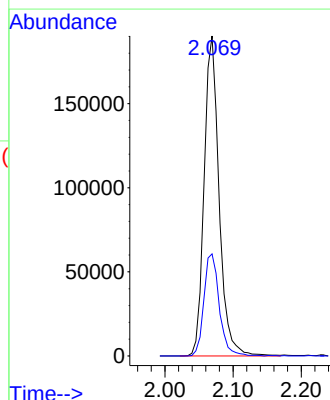
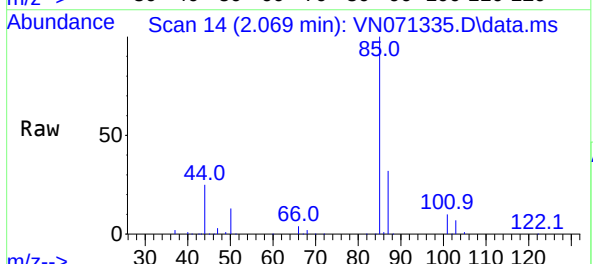
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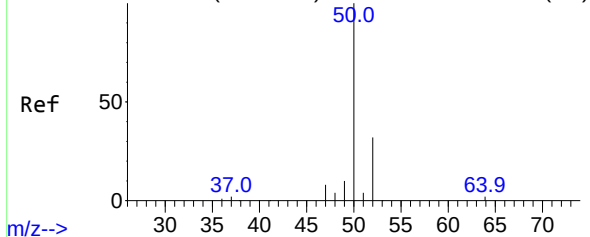


#2
Dichlorodifluoromethane
Concen: 37.735 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion: 85 Resp: 290435
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9



Abundance Scan 53 (2.299 min): VN071177.D\data.ms (-44)



#3

Chloromethane

Concen: 39.777 ug/l

RT: 2.298 min Scan# 51

Delta R.T. -0.001 min

Lab File: VN071335.D

Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 41108

Ion Ratio Lower Upper

50 100

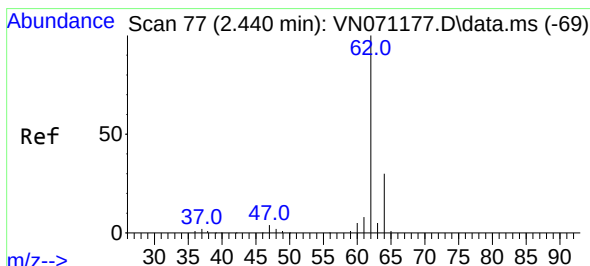
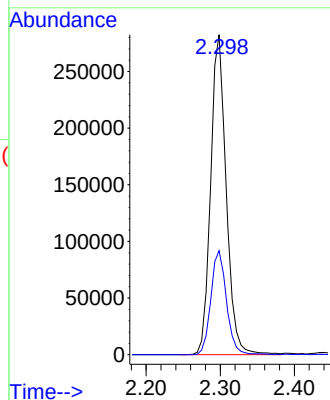
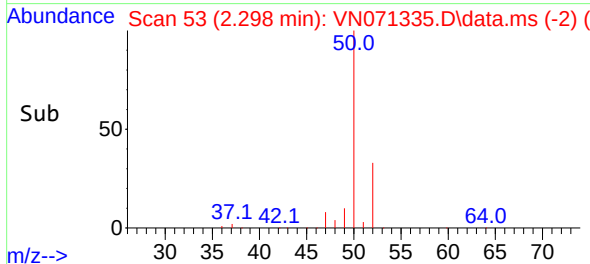
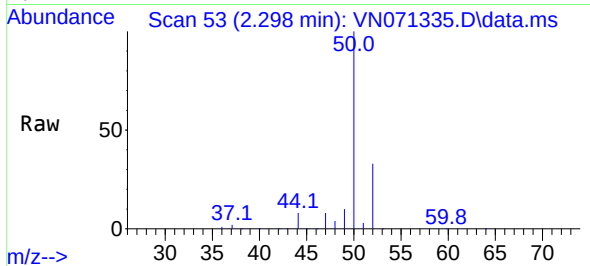
52 32.5 25.4 38.0

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#4

Vinyl Chloride

Concen: 41.349 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.000 min

Lab File: VN071335.D

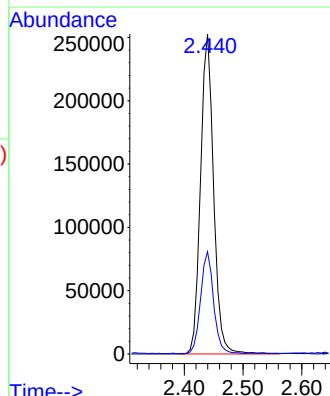
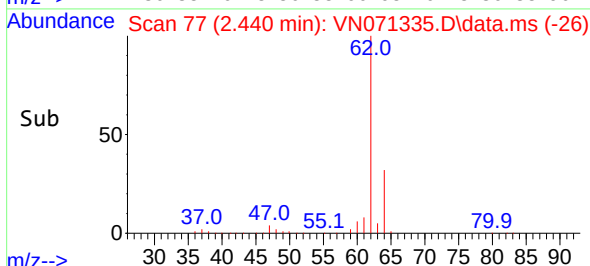
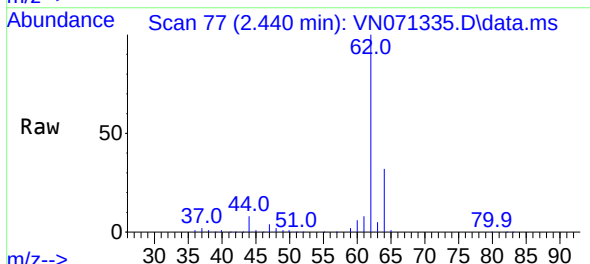
Acq: 16 Mar 2022 21:13

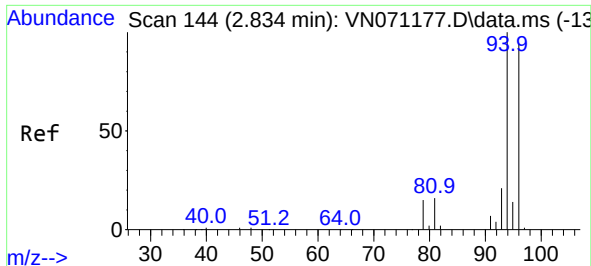
Tgt Ion: 62 Resp: 390015

Ion Ratio Lower Upper

62 100

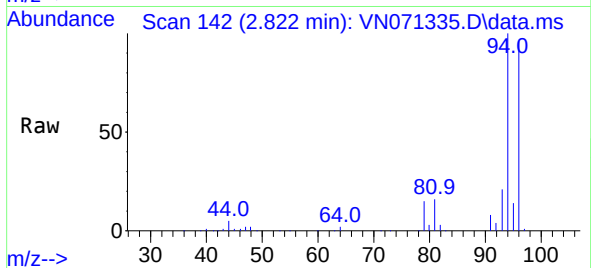
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 46.678 ug/l
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
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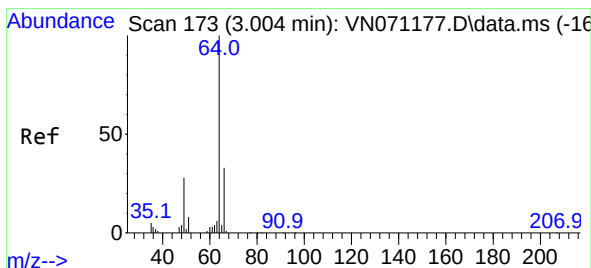
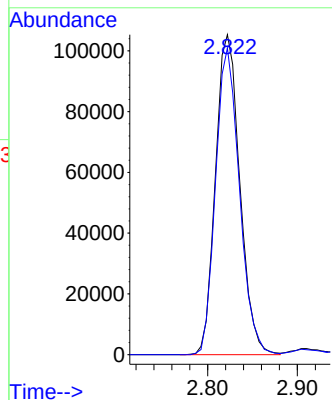
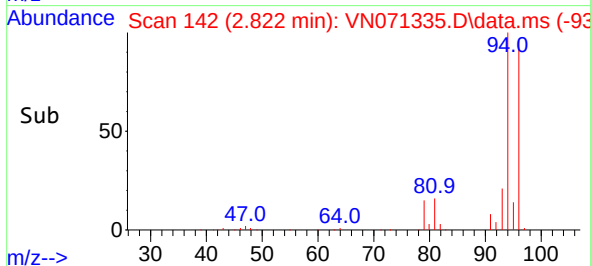
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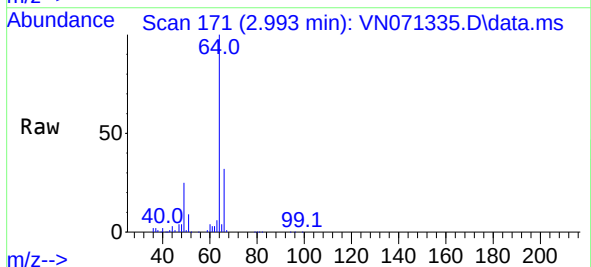
Tgt Ion: 94 Resp: 198275
Ion Ratio Lower Upper
94 100
96 95.8 73.8 110.8

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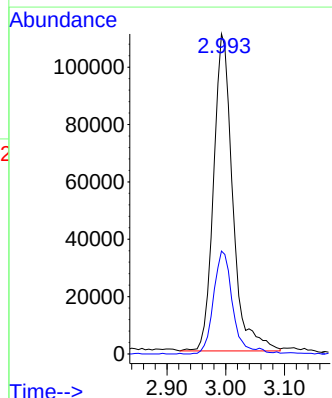
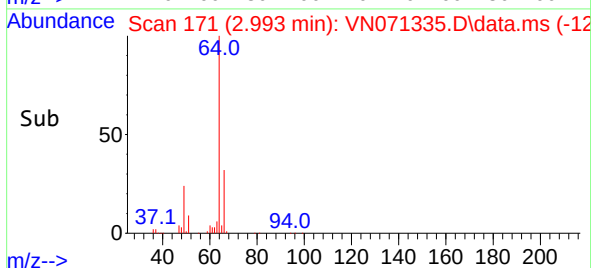
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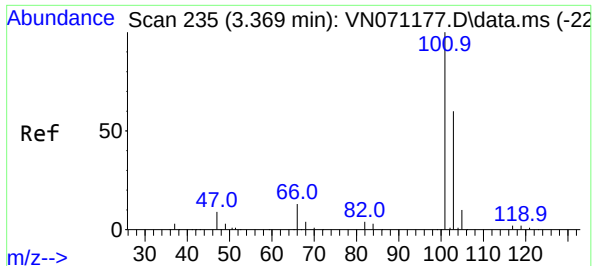


#6
Chloroethane
Concen: 43.821 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.011 min
Lab File: VN071335.D
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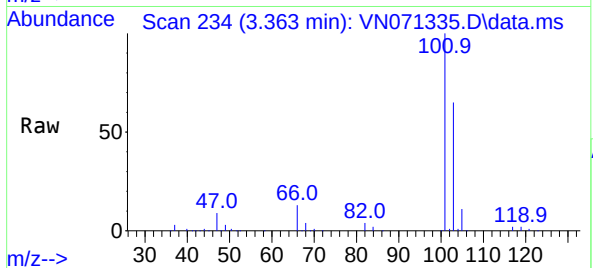
Tgt Ion: 64 Resp: 250308
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 40.988 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071335.D
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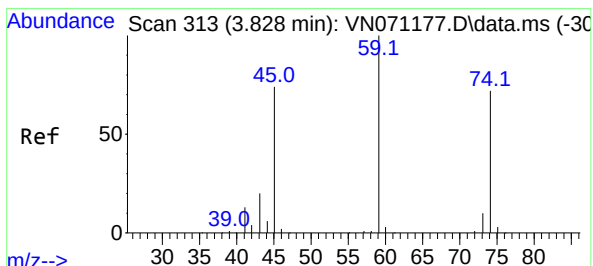
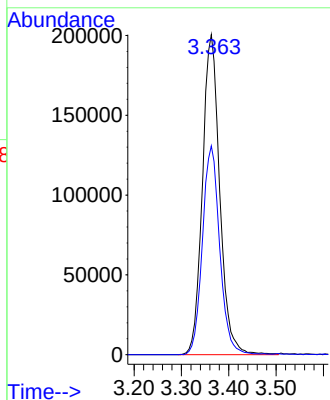
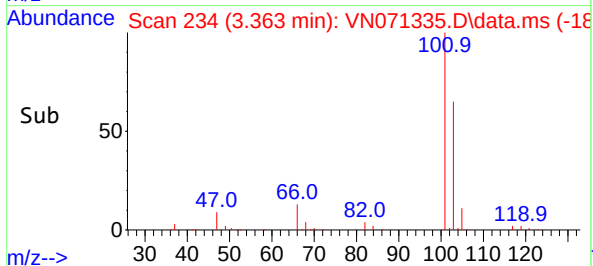
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VSTDCCC050EC



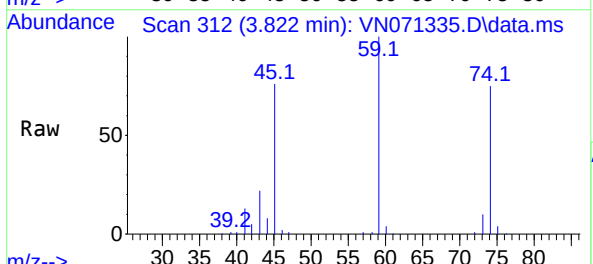
Tgt Ion:101 Resp: 50886
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1

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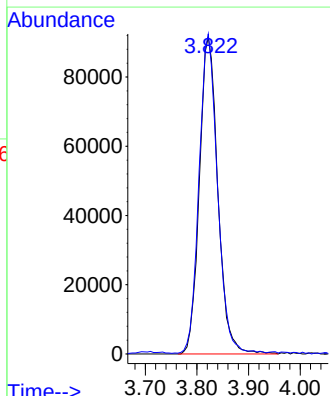
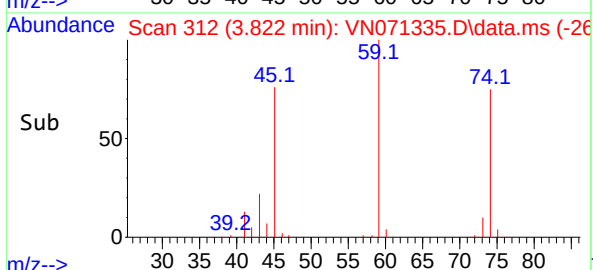
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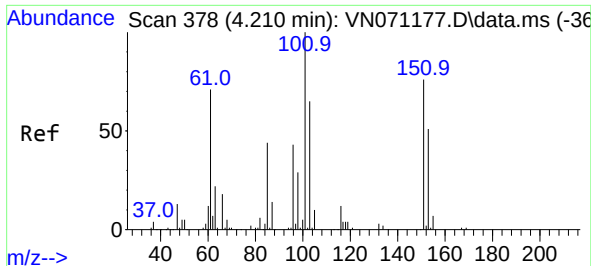


#8
Diethyl Ether
Concen: 42.754 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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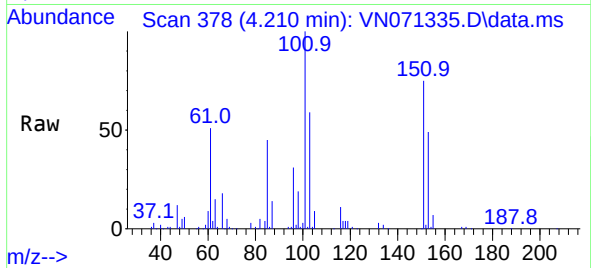
Tgt Ion: 74 Resp: 227134
Ion Ratio Lower Upper
74 100
45 100.4 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.097 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
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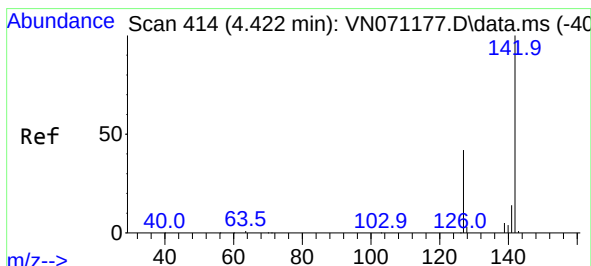
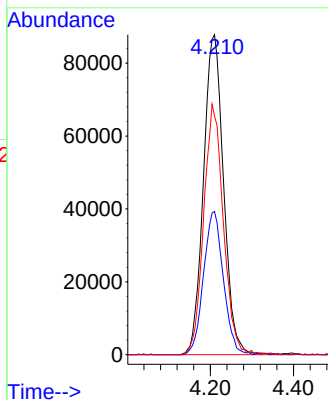
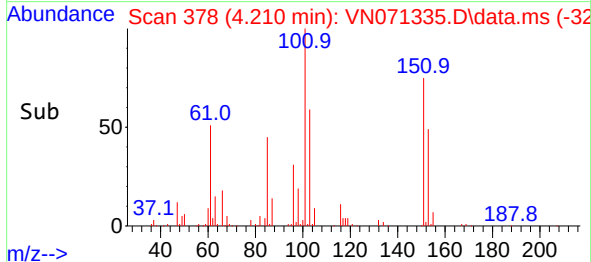
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



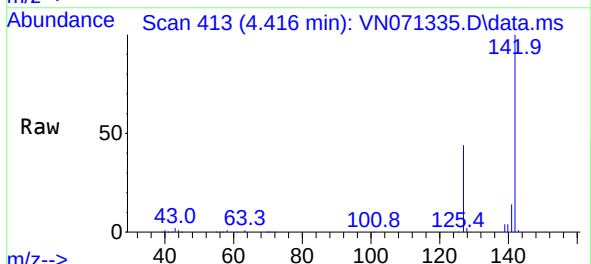
Tgt Ion:101 Resp: 295362
Ion Ratio Lower Upper
101 100
85 44.0 37.2 55.8
151 76.1 65.9 98.9

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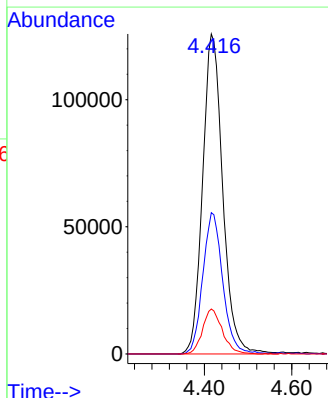
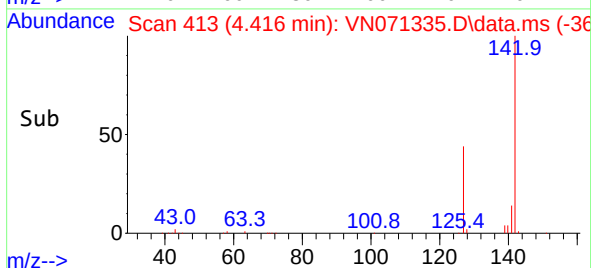
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

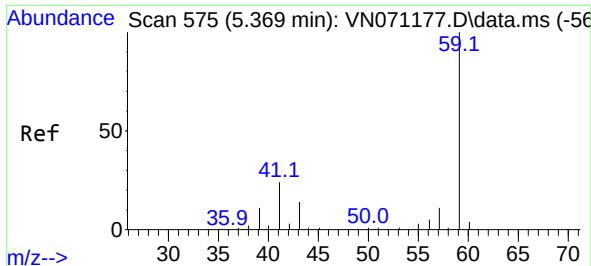


#10
Methyl Iodide
Concen: 39.679 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



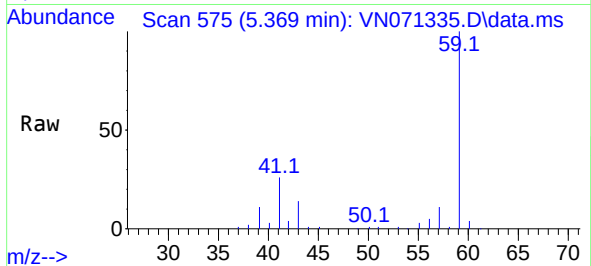
Tgt Ion:142 Resp: 402772
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 245.876 ug/l
RT: 5.369 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

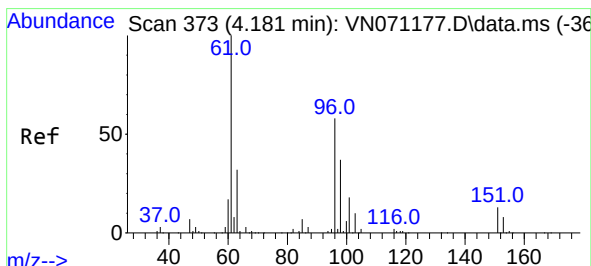
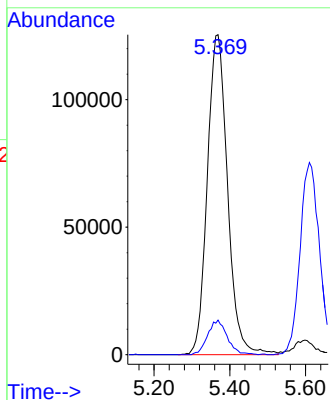
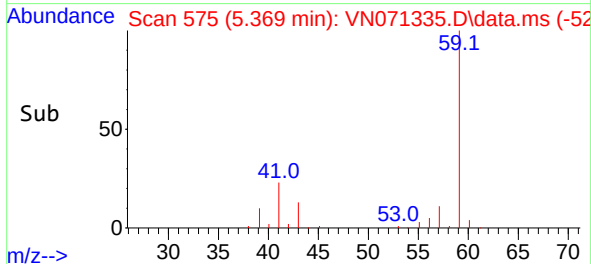
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



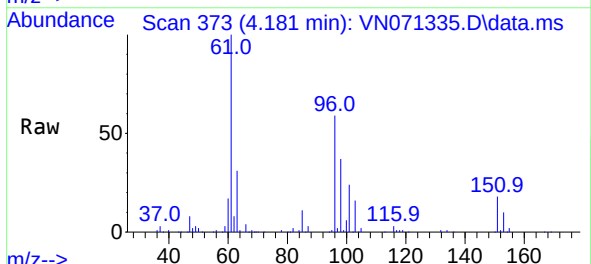
Tgt Ion: 59 Resp: 46489
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
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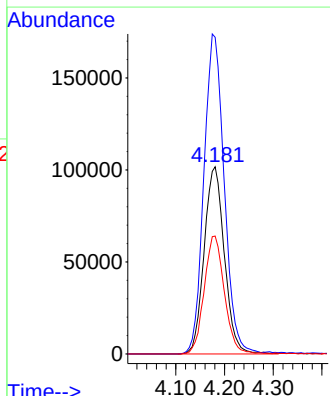
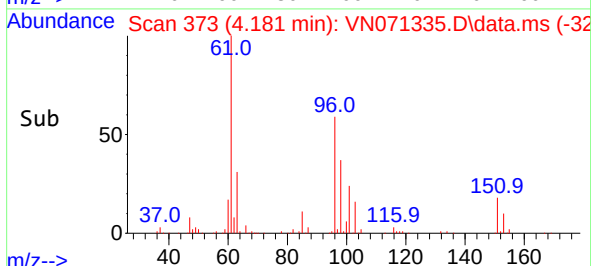
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

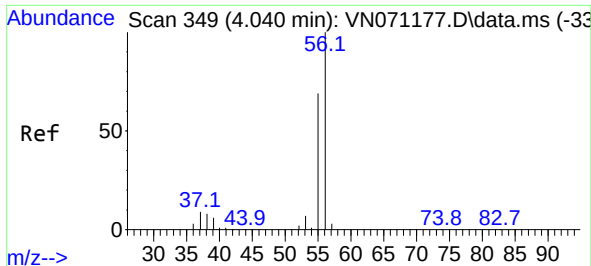


#12
1,1-Dichloroethene
Concen: 41.749 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion: 96 Resp: 293932
Ion Ratio Lower Upper
96 100
61 169.2 131.0 196.6
98 63.0 52.4 78.6





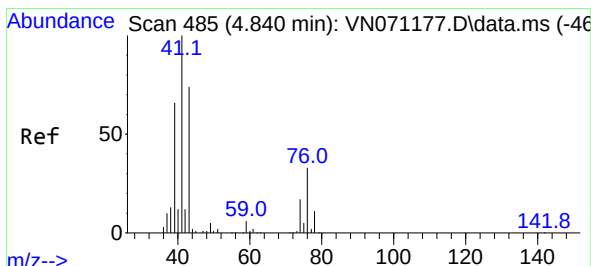
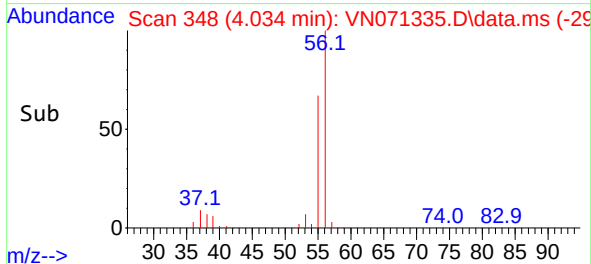
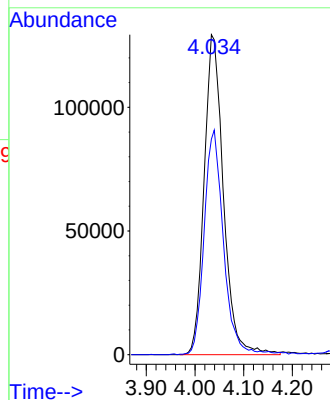
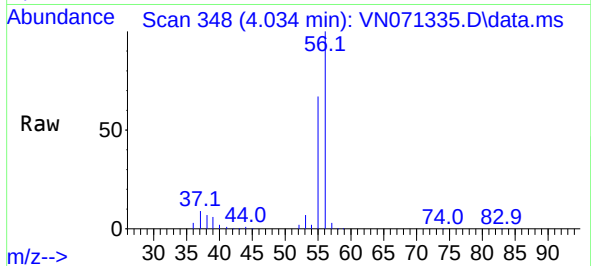
#13
Acrolein
Concen: 177.825 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 355875
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

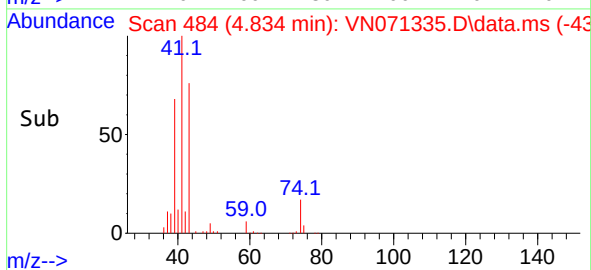
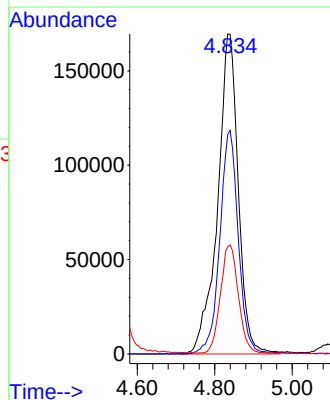
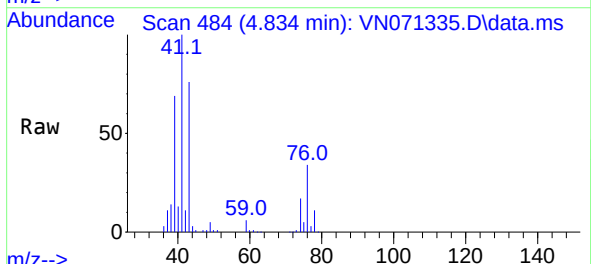
Manual Integrations
APPROVED

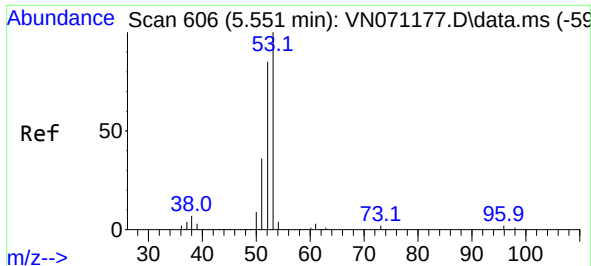
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#14
Allyl chloride
Concen: 41.010 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

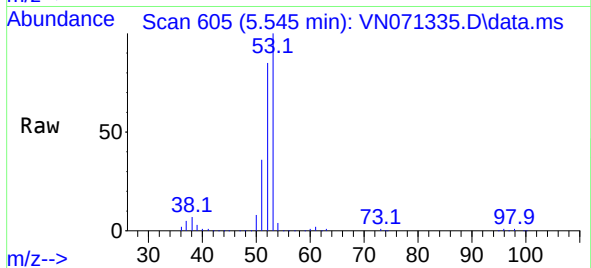
Tgt Ion: 41 Resp: 627975
Ion Ratio Lower Upper
41 100
39 62.6 61.2 91.8
76 29.3 26.0 39.0





#15
Acrylonitrile
Concen: 218.269 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

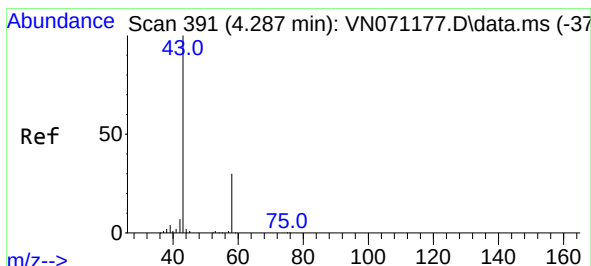
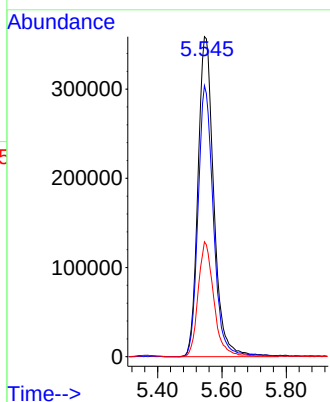
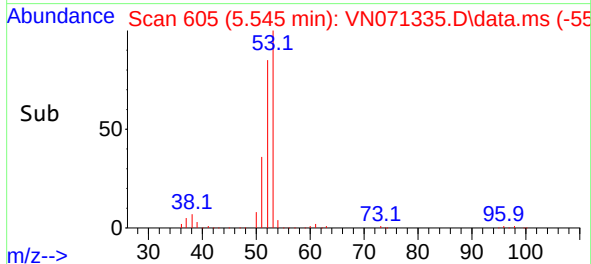
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1225409
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.2
51 35.6 29.6 44.4

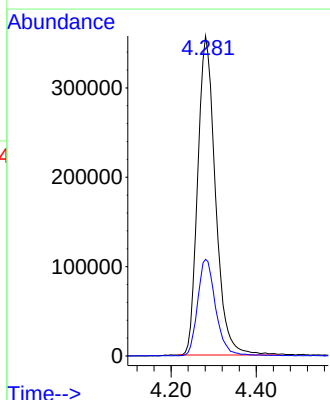
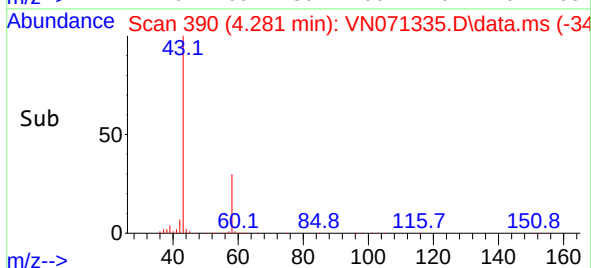
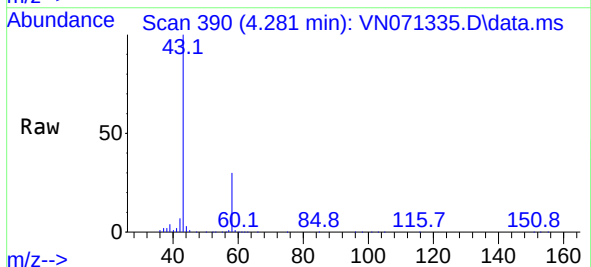
Manual Integrations
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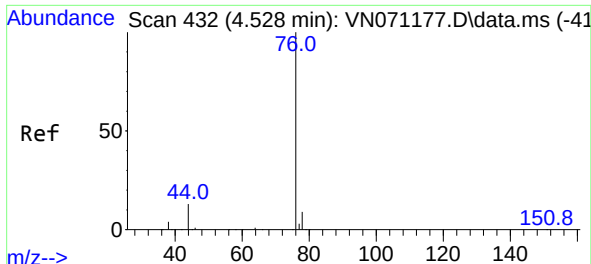
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#16
Acetone
Concen: 220.264 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

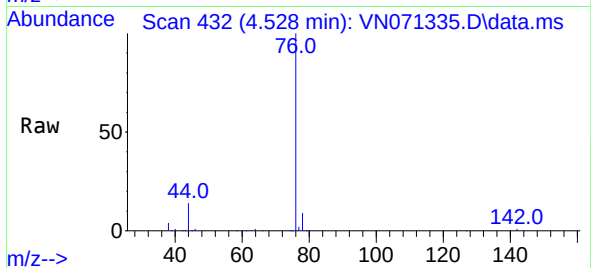
Tgt Ion: 43 Resp: 1031517
Ion Ratio Lower Upper
43 100
58 30.2 23.1 34.7





#17
Carbon Disulfide
Concen: 36.293 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

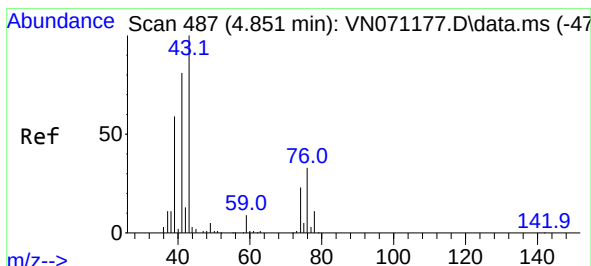
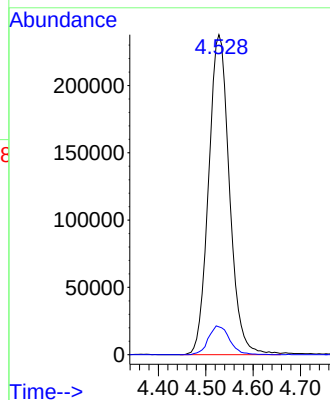
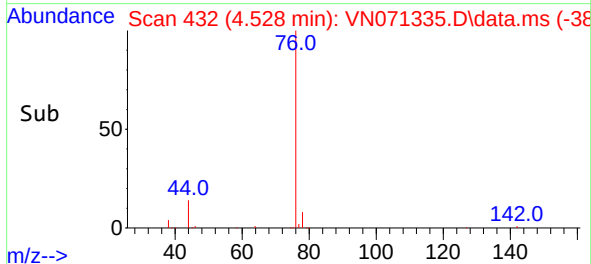
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



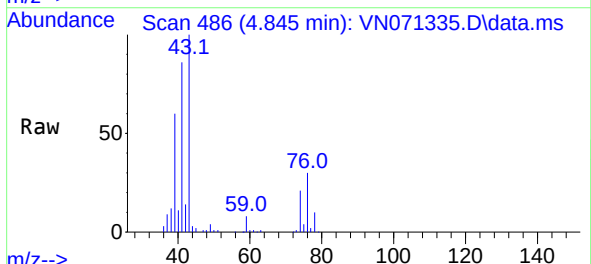
Tgt Ion: 76 Resp: 727448
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
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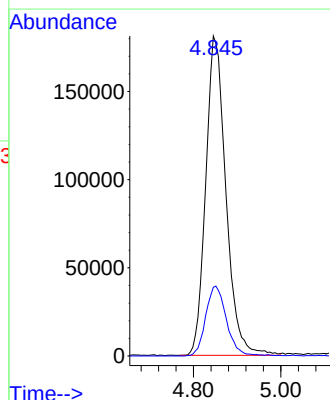
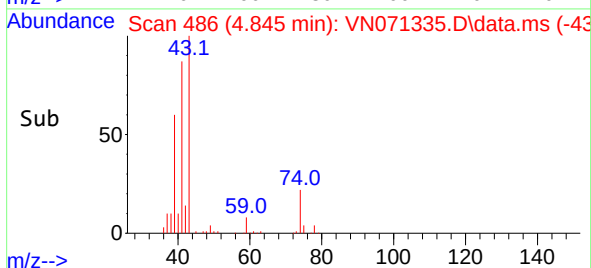
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

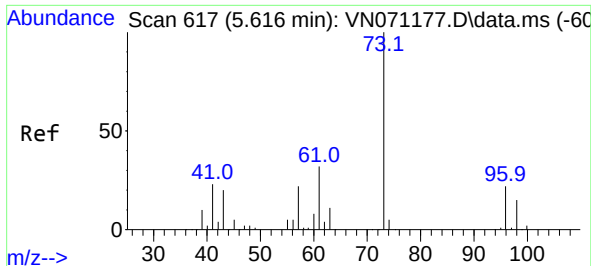


#18
Methyl Acetate
Concen: 46.297 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



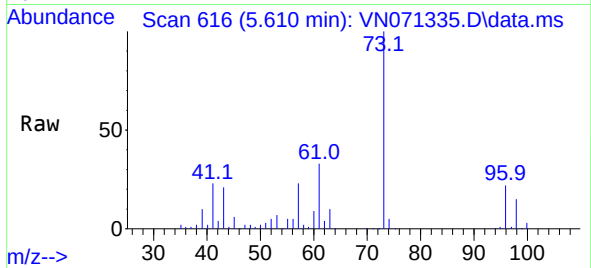
Tgt Ion: 43 Resp: 581847
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 44.877 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

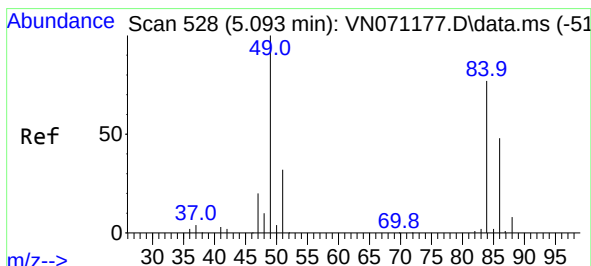
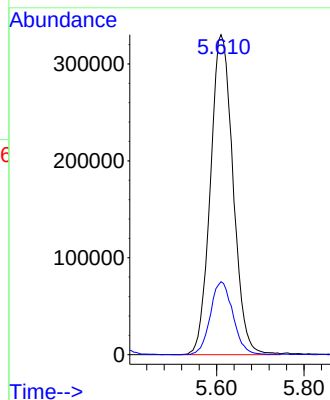
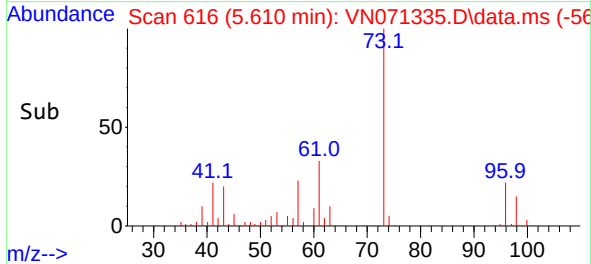
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



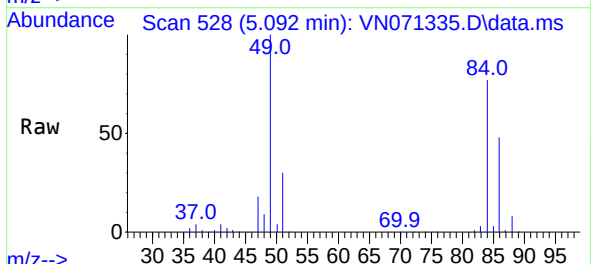
Tgt Ion: 73 Resp: 1186259
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

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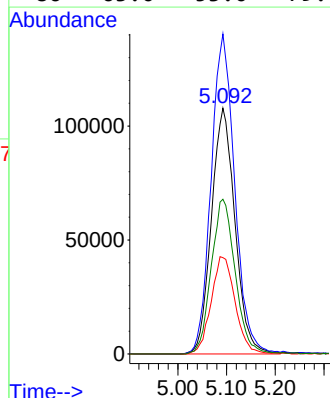
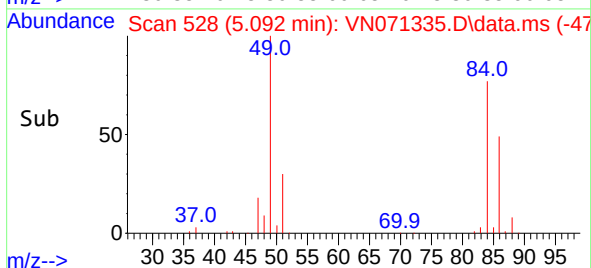
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

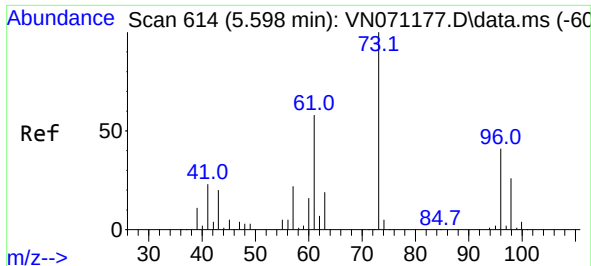


#20
Methylene Chloride
Concen: 42.461 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



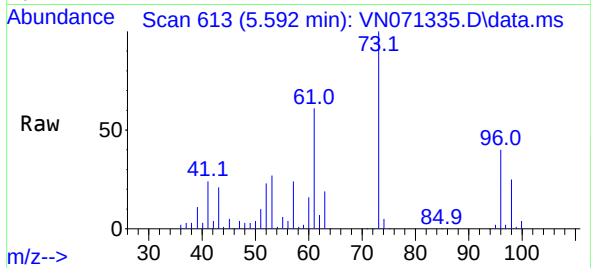
Tgt Ion: 84 Resp: 362933
Ion Ratio Lower Upper
84 100
49 130.2 93.5 140.3
51 39.2 29.4 44.2
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 40.141 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

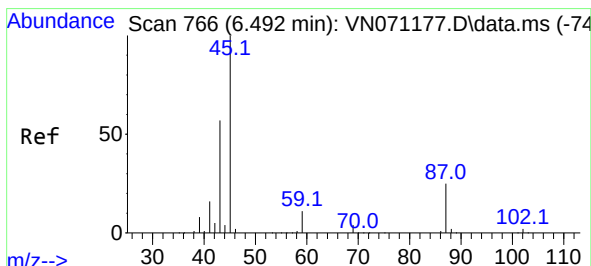
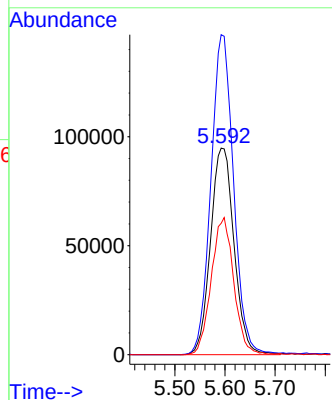
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



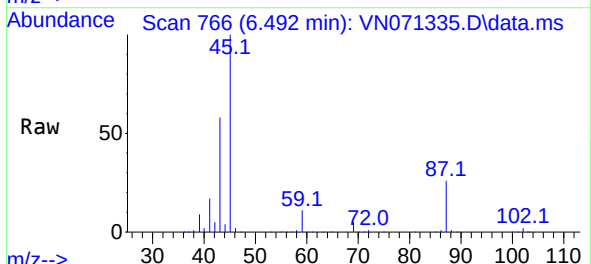
Tgt Ion: 96 Resp: 309124
Ion Ratio Lower Upper
96 100
61 154.9 105.8 158.6
98 63.5 52.0 78.0

Manual Integrations
APPROVED

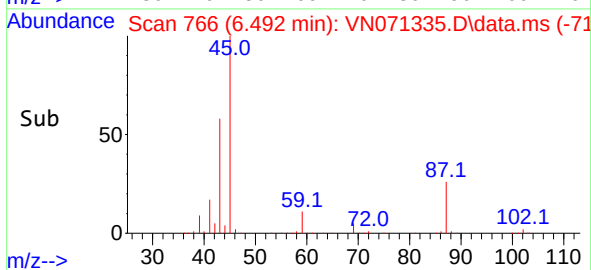
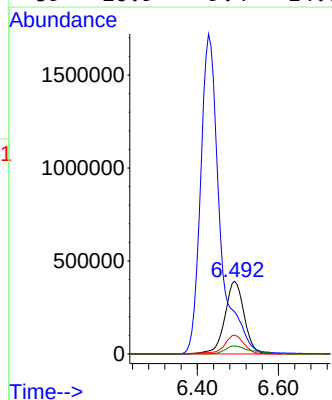
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

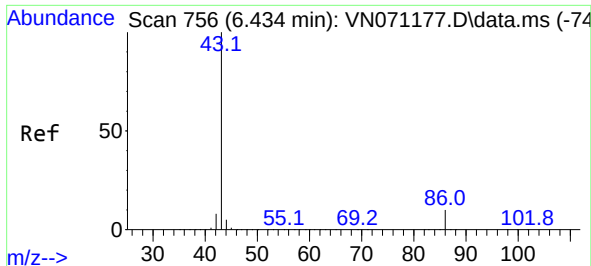


#22
Diisopropyl ether
Concen: 42.711 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



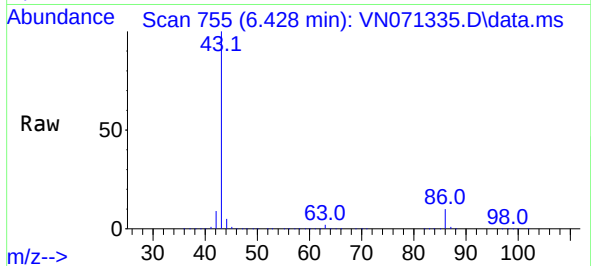
Tgt Ion: 45 Resp: 1288483
Ion Ratio Lower Upper
45 100
43 57.5 51.7 77.5
87 25.7 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 221.356 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071335.D
 Acq: 16 Mar 2022 21:13

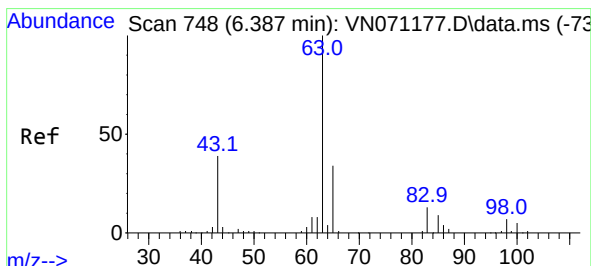
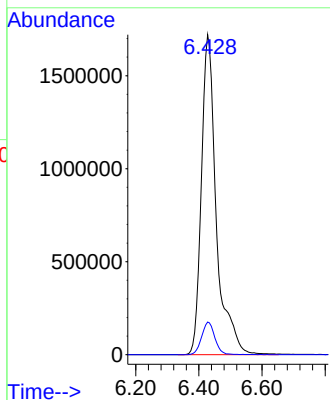
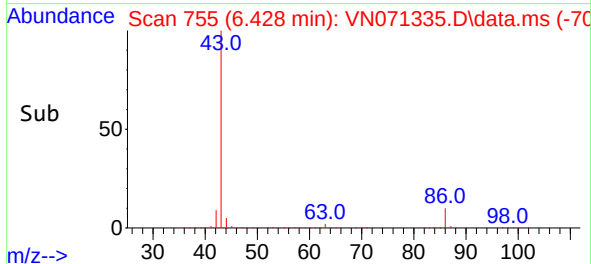
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



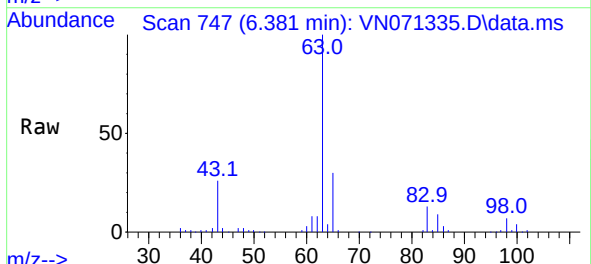
Tgt Ion: 43 Resp: 5653284
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
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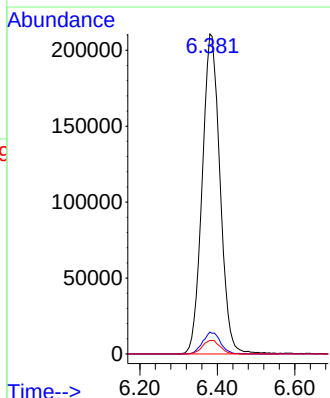
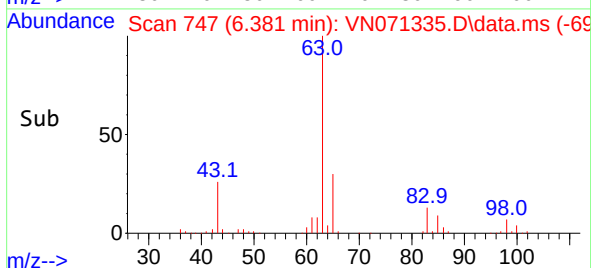
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

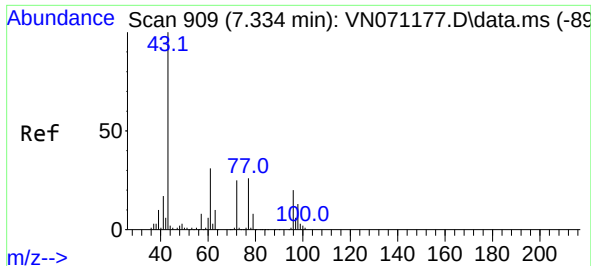


#24
 1,1-Dichloroethane
 Concen: 42.175 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071335.D
 Acq: 16 Mar 2022 21:13



Tgt Ion: 63 Resp: 672307
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.3 2.1 6.5





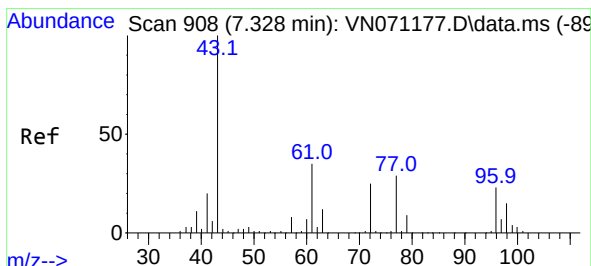
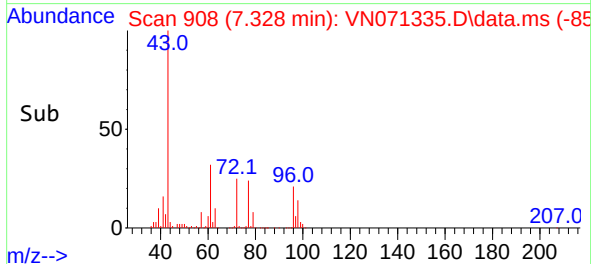
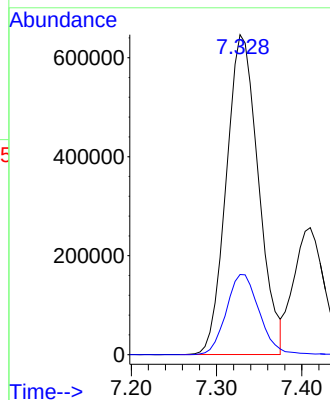
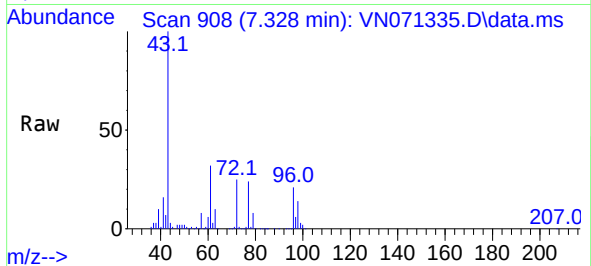
#25
2-Butanone
Concen: 224.863 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 169635
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5

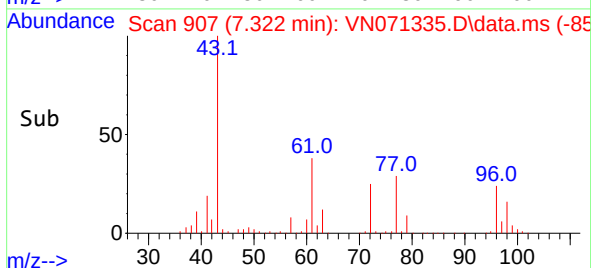
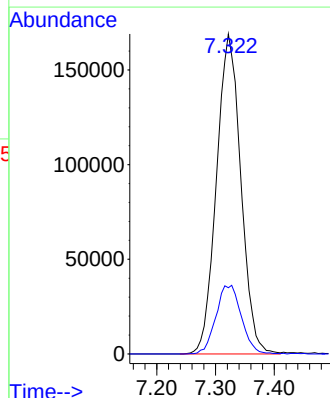
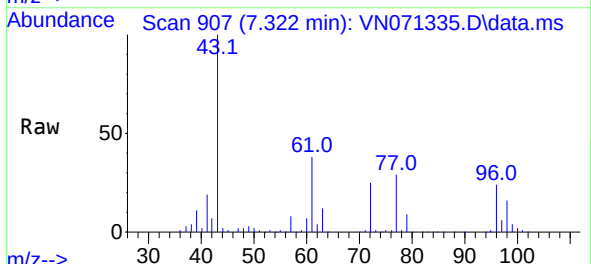
Manual Integrations
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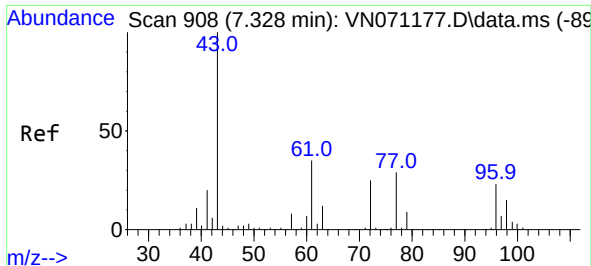
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#26
2,2-Dichloropropane
Concen: 39.533 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion: 77 Resp: 486184
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





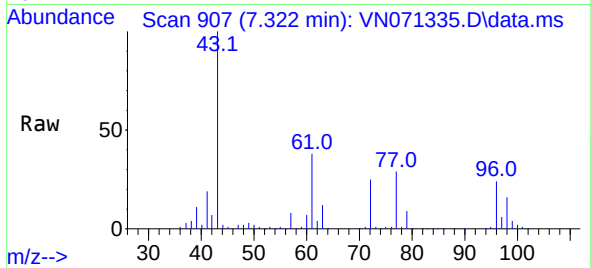
#27
 cis-1,2-Dichloroethene
 Concen: 41.856 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071335.D
 Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

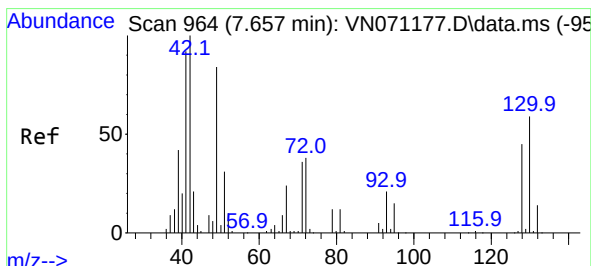
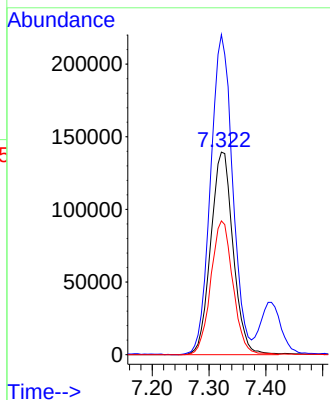
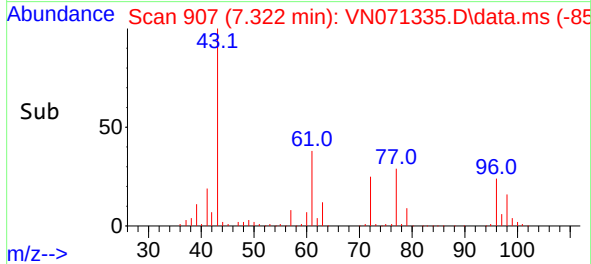


Tgt Ion: 96 Resp: 382552
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 275.0
 98 65.1 0.0 129.6

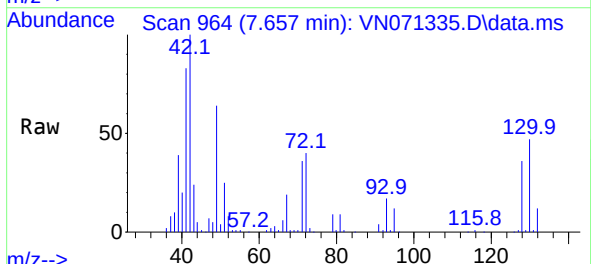
Manual Integrations

APPROVED

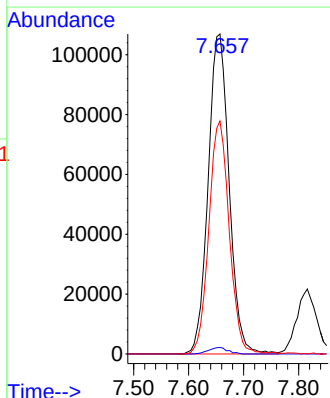
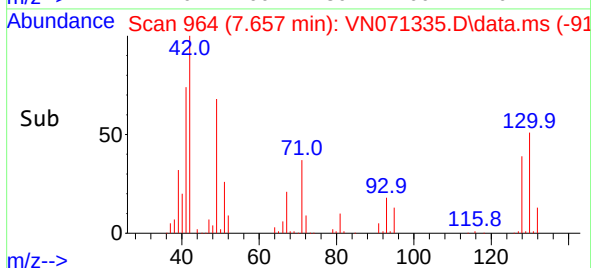
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

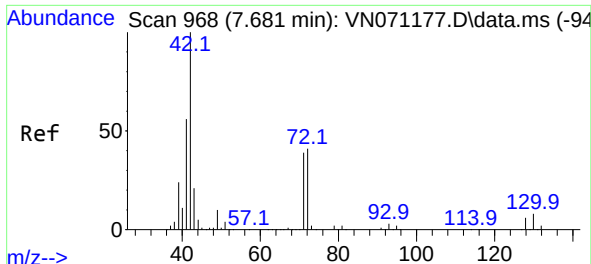


#28
 Bromochloromethane
 Concen: 39.986 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VN071335.D
 Acq: 16 Mar 2022 21:13



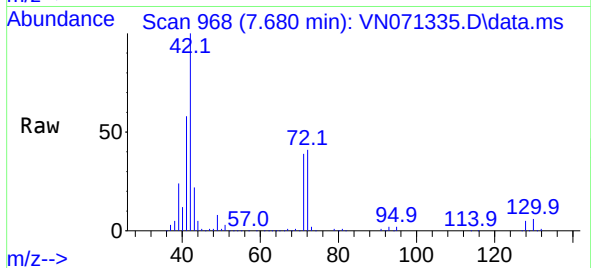
Tgt Ion: 49 Resp: 283851
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 70.5 67.8 101.8





#29
Tetrahydrofuran
Concen: 218.028 ug/l
RT: 7.680 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

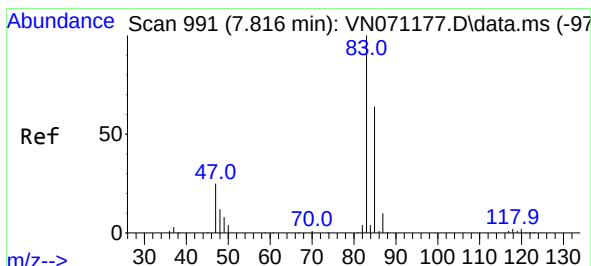
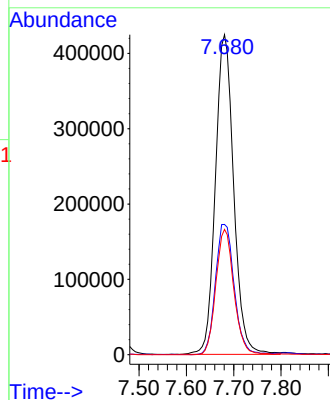
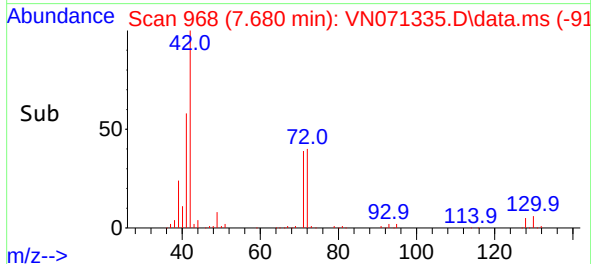
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 113946
Ion Ratio Lower Upper
42 100
72 41.8 36.3 54.5
71 38.5 34.7 52.1

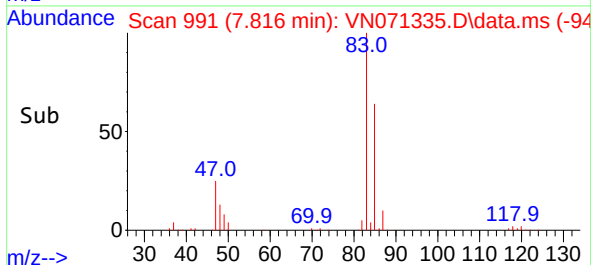
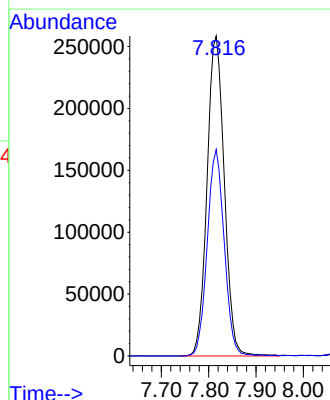
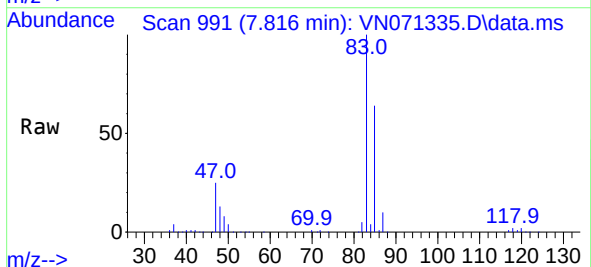
Manual Integrations
APPROVED

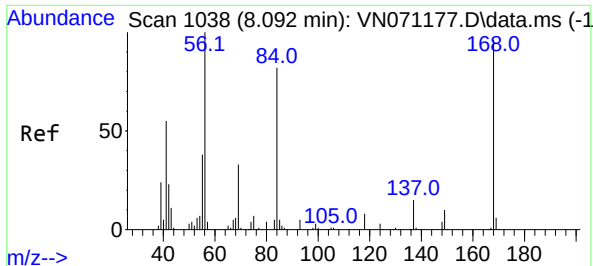
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#30
Chloroform
Concen: 43.015 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

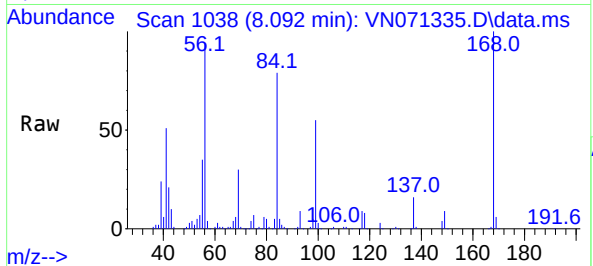
Tgt Ion: 83 Resp: 654006
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 38.591 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

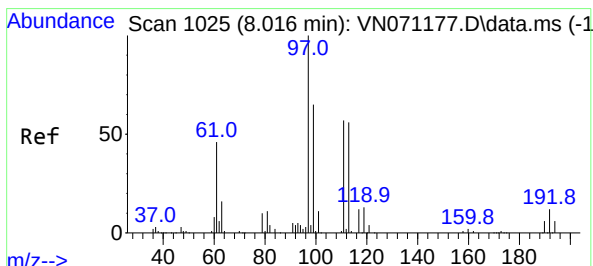
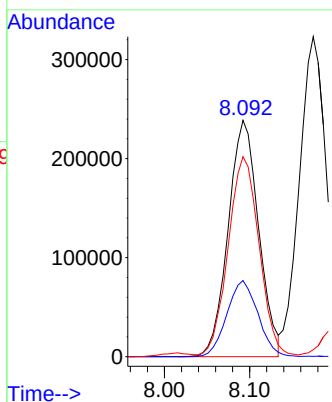
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



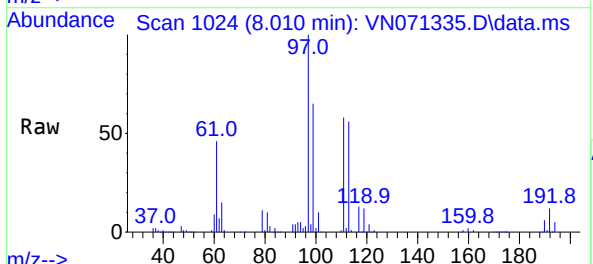
Tgt Ion: 56 Resp: 593139
Ion Ratio Lower Upper
56 100
69 32.2 27.1 40.7
84 83.0 73.4 110.0

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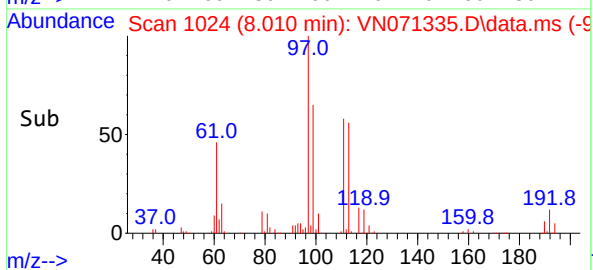
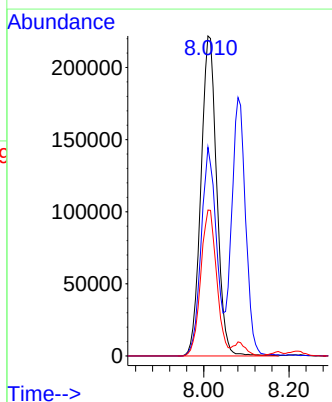
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

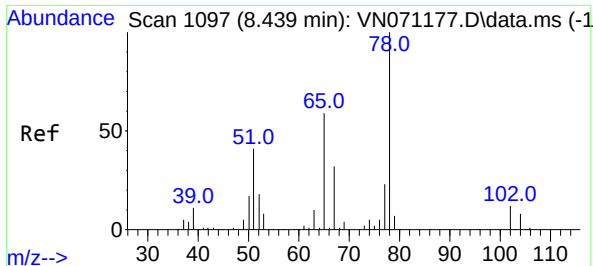


#32
1,1,1-Trichloroethane
Concen: 44.026 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion: 97 Resp: 570179
Ion Ratio Lower Upper
97 100
99 62.5 50.1 75.1
61 46.3 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 47.853 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

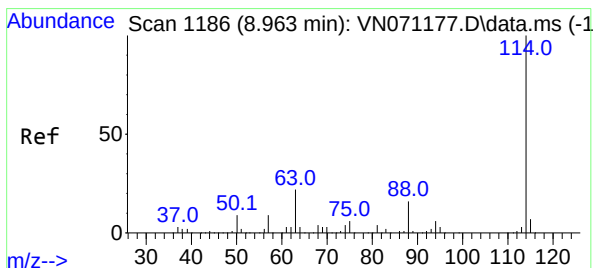
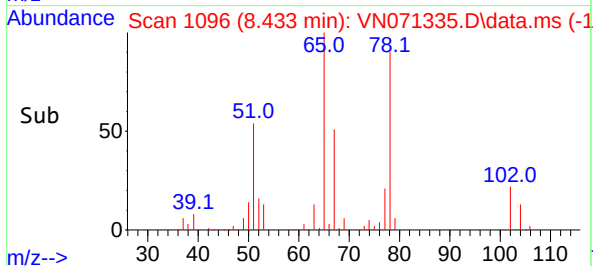
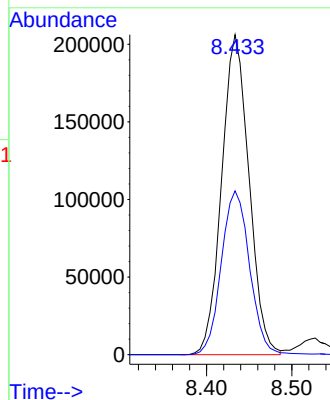
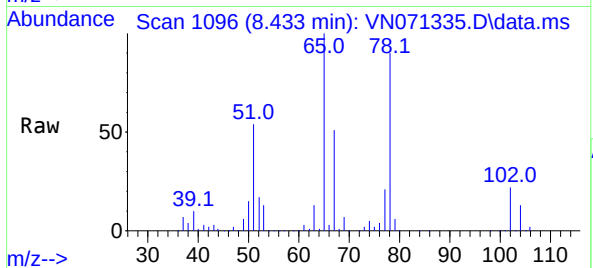
VSTDCCC050EC

Tgt Ion: 65 Resp: 460578
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0

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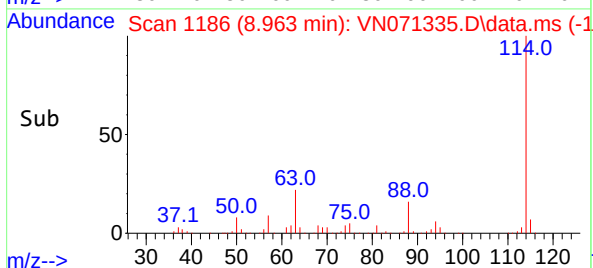
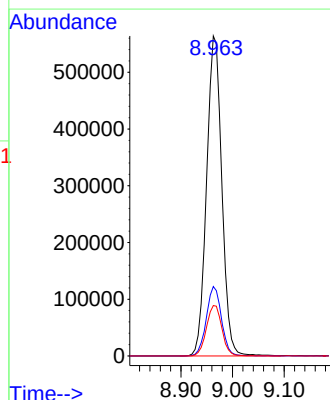
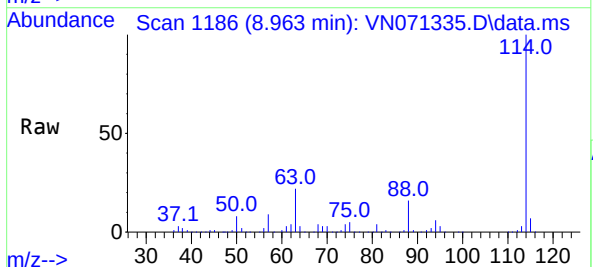
APPROVED

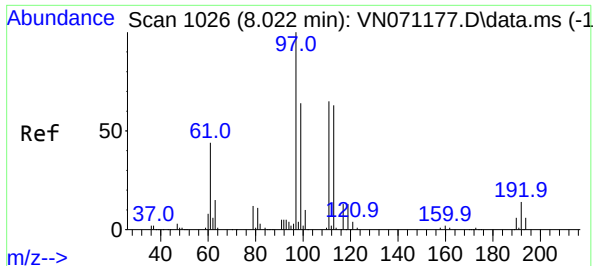
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

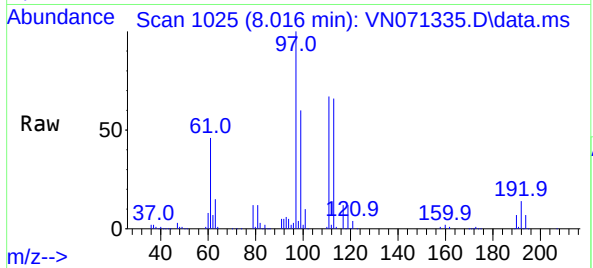
Tgt Ion:114 Resp: 1155930
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.472 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

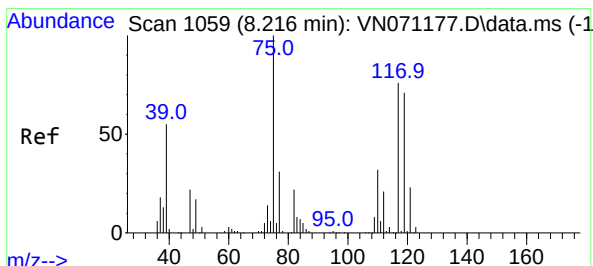
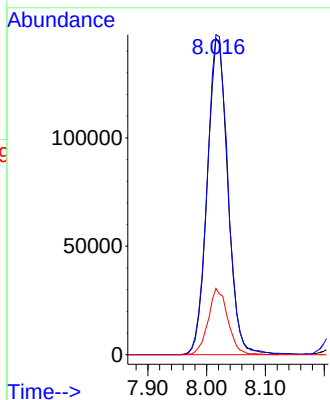
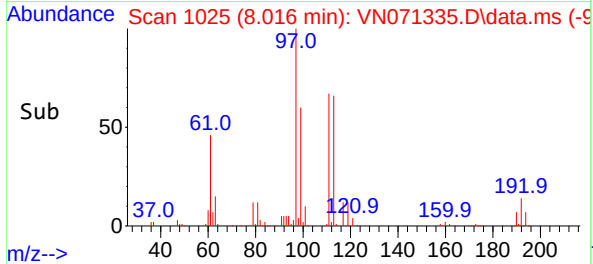
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



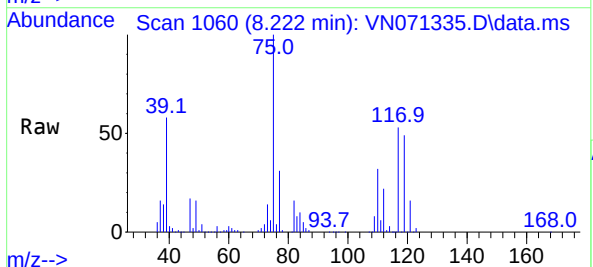
Tgt Ion:113 Resp: 353574
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.1 16.9 25.3

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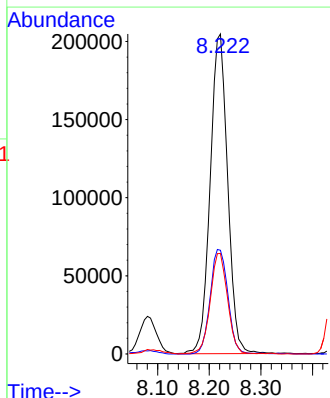
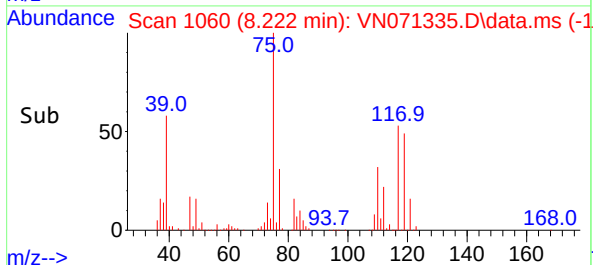
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

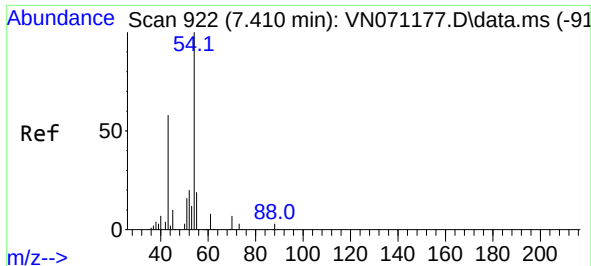


#36
1,1-Dichloropropene
Concen: 41.093 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



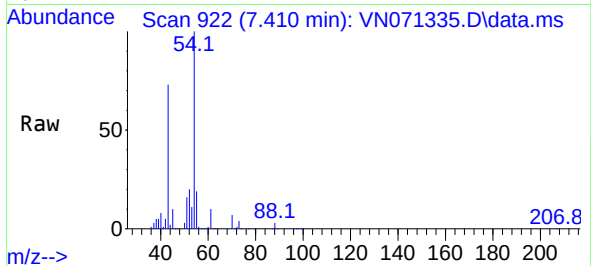
Tgt Ion: 75 Resp: 480262
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 41.513 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

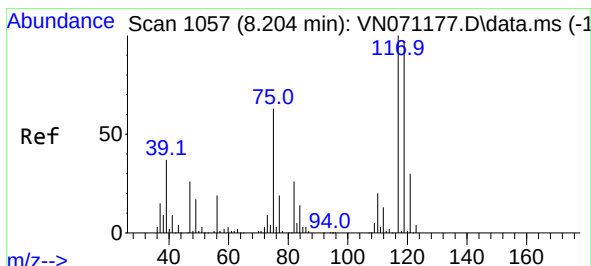
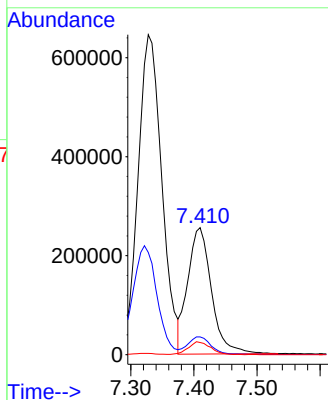
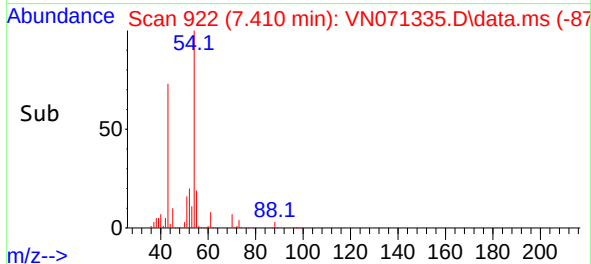
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 667710
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 9.5 7.9 11.9

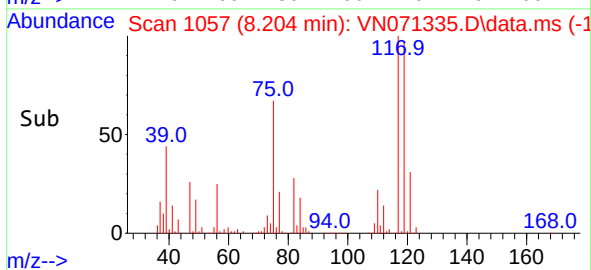
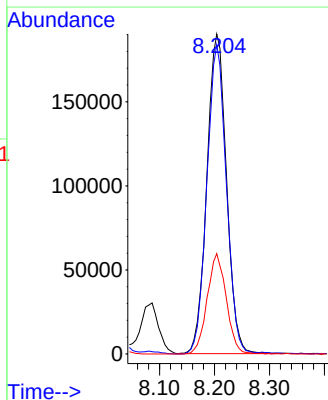
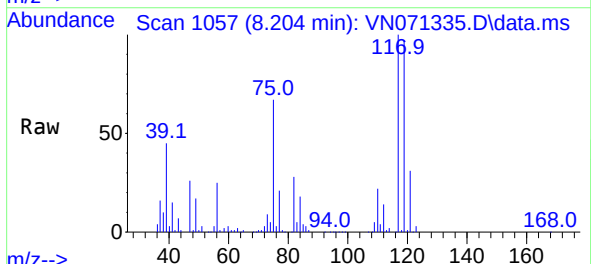
Manual Integrations
APPROVED

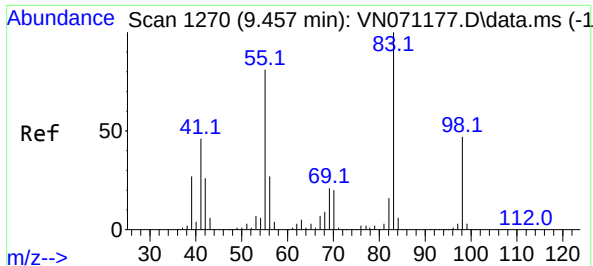
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#38
Carbon Tetrachloride
Concen: 41.780 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion:117 Resp: 472294
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 41.310 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071335.D

Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 567969

Ion Ratio Lower Upper

83 100

55 78.8 58.1 87.1

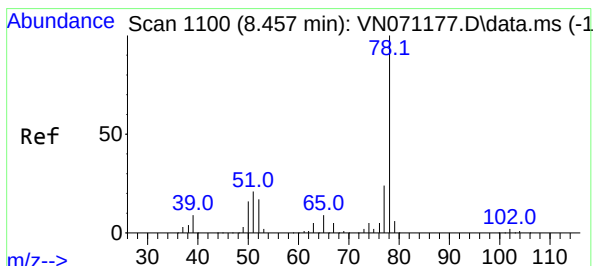
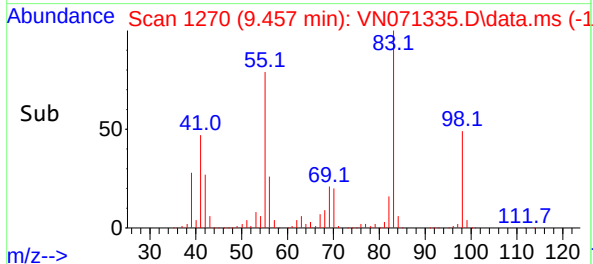
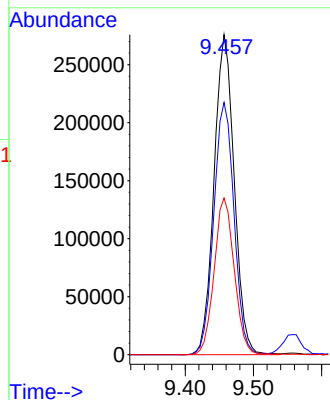
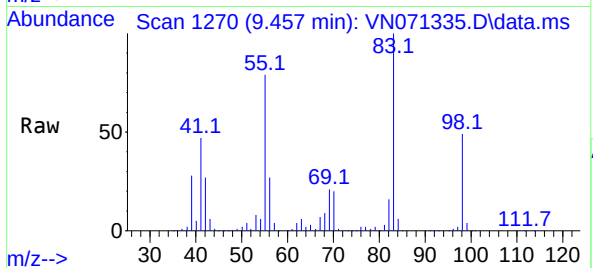
98 49.0 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#40

Benzene

Concen: 41.722 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071335.D

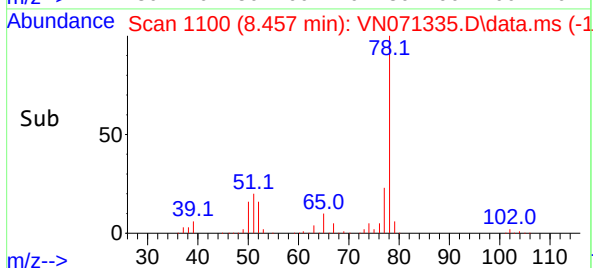
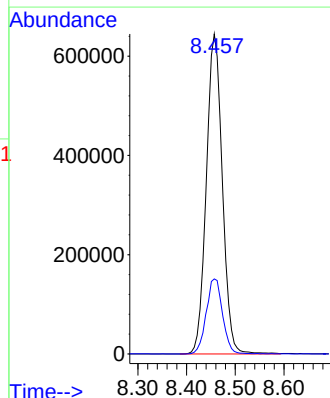
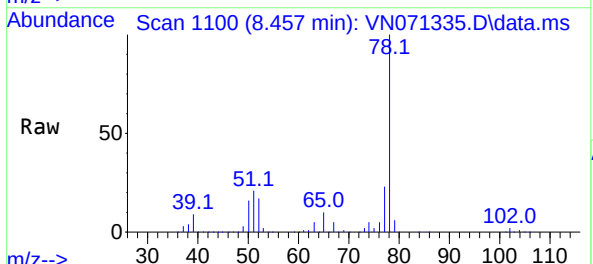
Acq: 16 Mar 2022 21:13

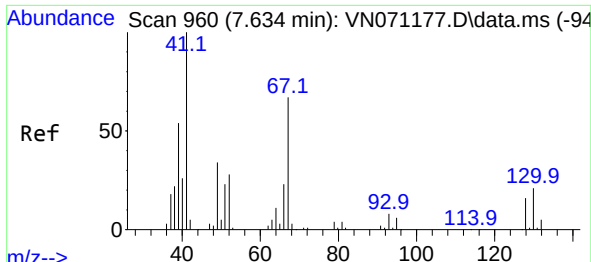
Tgt Ion: 78 Resp: 1469146

Ion Ratio Lower Upper

78 100

77 23.4 18.6 27.8





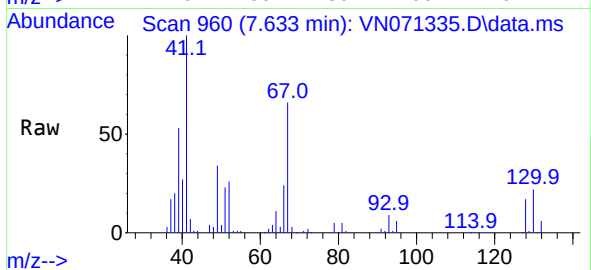
#41
Methacrylonitrile
Concen: 39.591 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

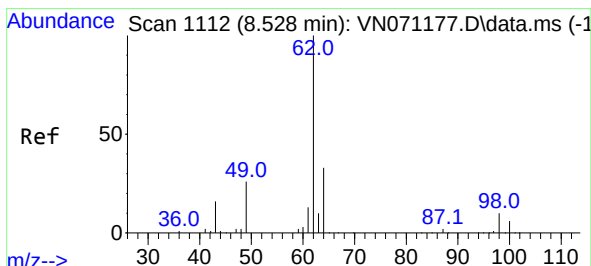
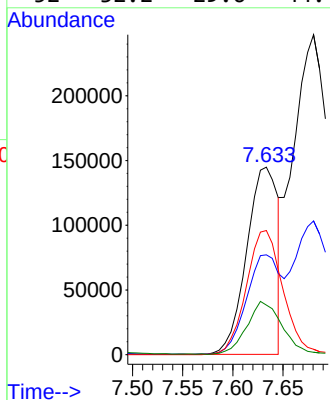
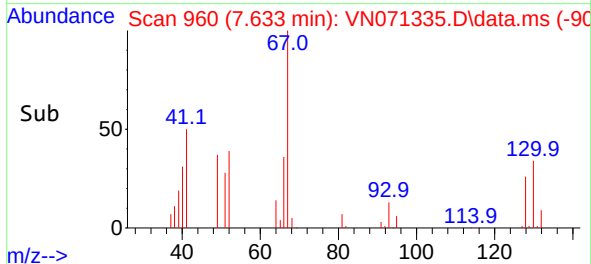


Tgt Ion: 41 Resp: 311638
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 79.1 68.3 102.5
52 32.2 29.6 44.4

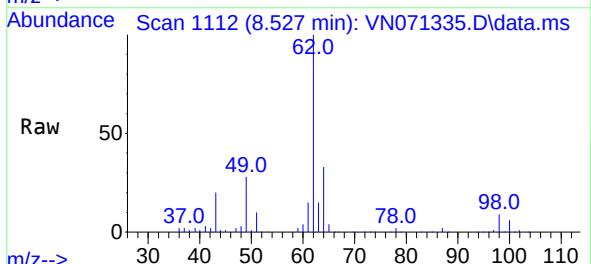
Manual Integrations

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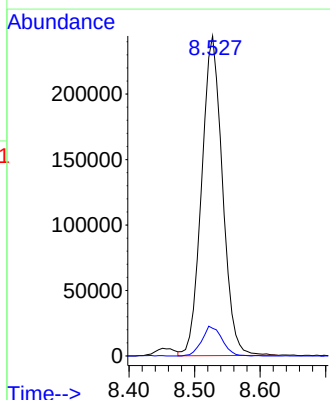
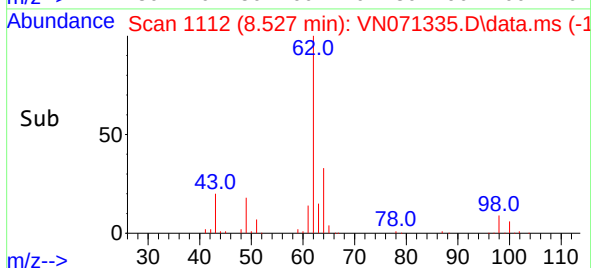
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

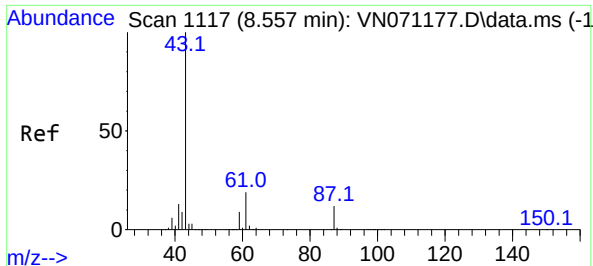


#42
1,2-Dichloroethane
Concen: 43.991 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion: 62 Resp: 539038
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





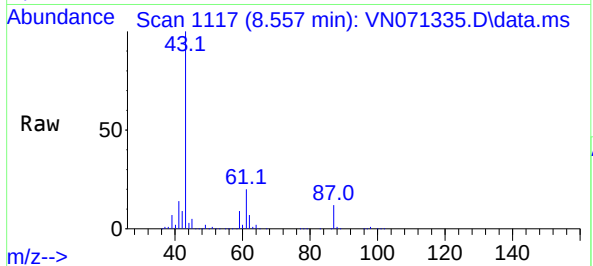
#43
Isopropyl Acetate
Concen: 43.934 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



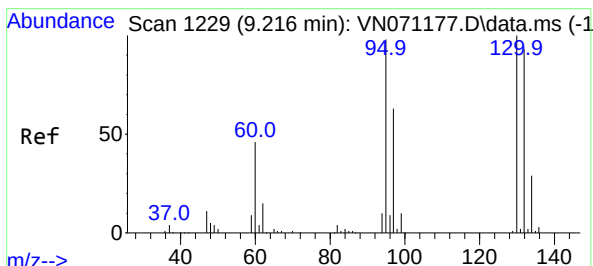
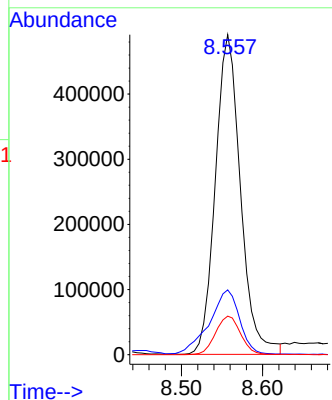
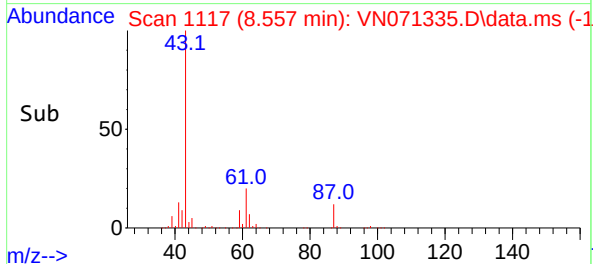
Tgt Ion: 43 Resp: 1056729
Ion Ratio Lower Upper
43 100
61 24.5 20.4 30.6
87 12.0 11.2 16.8

Manual Integrations

APPROVED

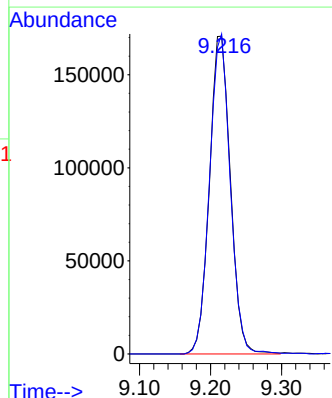
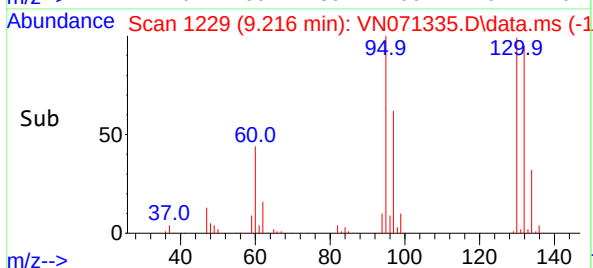
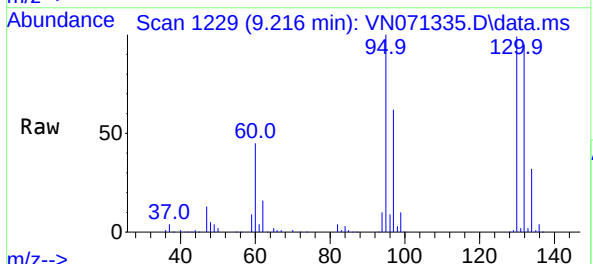
Reviewed By :John Carlone 03/17/2022

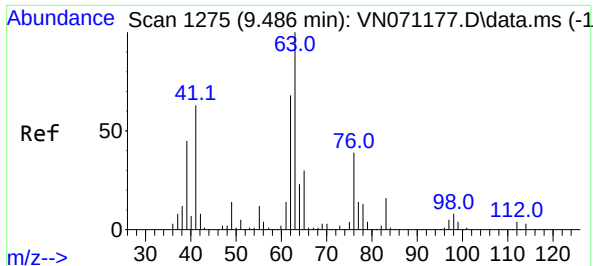
Supervised By :Mahesh Dadoda 03/17/2022



#44
Trichloroethene
Concen: 42.220 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion:130 Resp: 350777
Ion Ratio Lower Upper
130 100
95 100.7 0.0 191.2





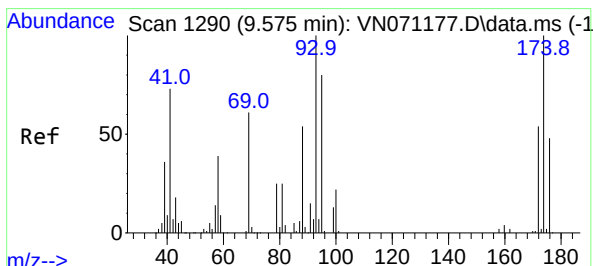
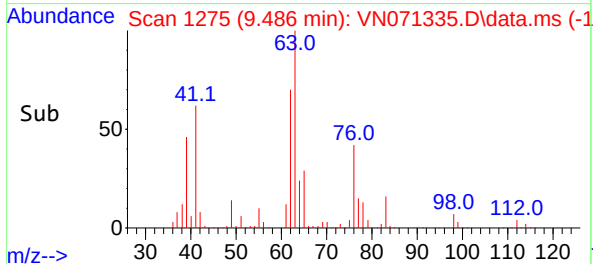
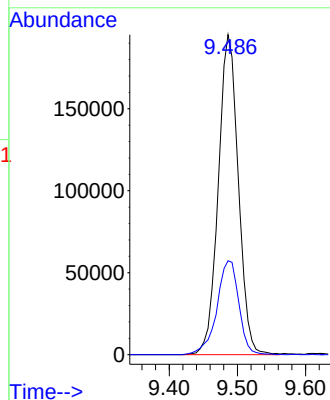
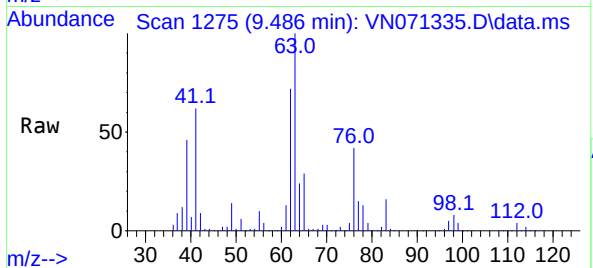
#45
1,2-Dichloropropane
Concen: 42.239 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 39926
Ion Ratio Lower Upper
63 100
65 29.3 24.7 37.1

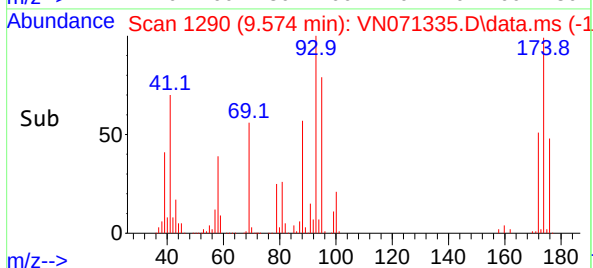
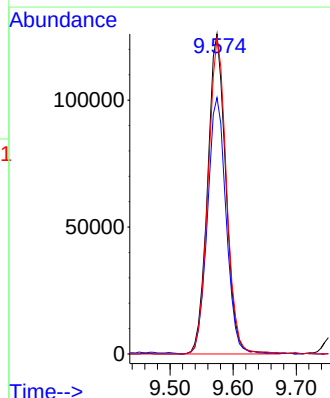
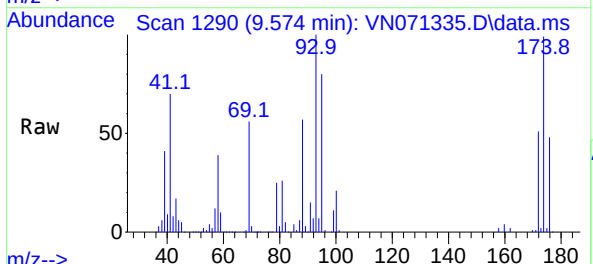
Manual Integrations
APPROVED

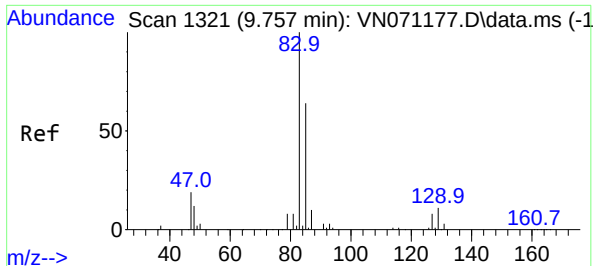
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#46
Dibromomethane
Concen: 43.474 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

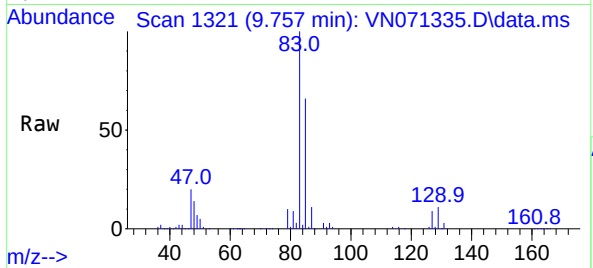
Tgt Ion: 93 Resp: 252926
Ion Ratio Lower Upper
93 100
95 81.9 65.9 98.9
174 99.5 84.6 127.0





#47
Bromodichloromethane
Concen: 43.713 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

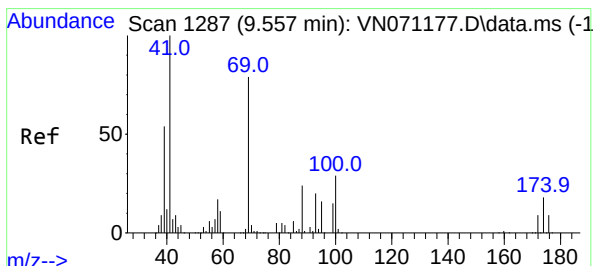
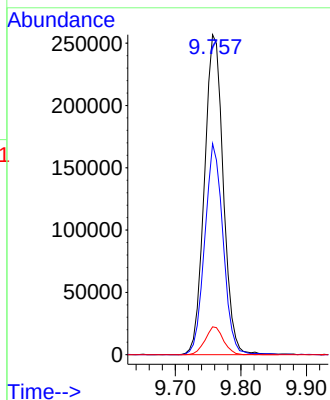
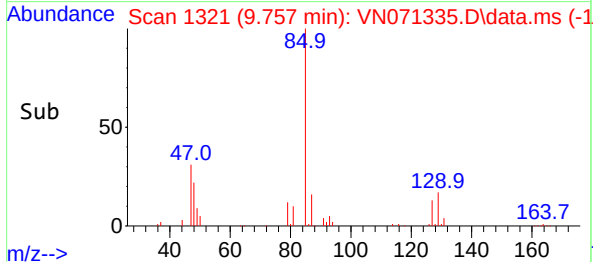
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



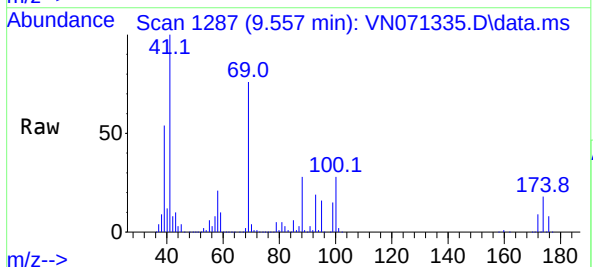
Tgt Ion: 83 Resp: 51395
Ion Ratio Lower Upper
83 100
85 66.0 50.9 76.3
127 8.7 7.1 10.7

Manual Integrations
APPROVED

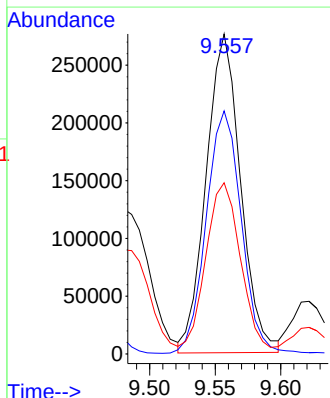
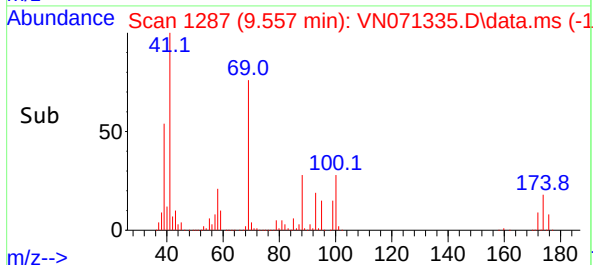
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

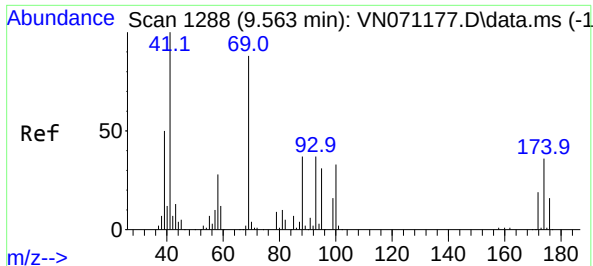


#48
Methyl methacrylate
Concen: 45.247 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



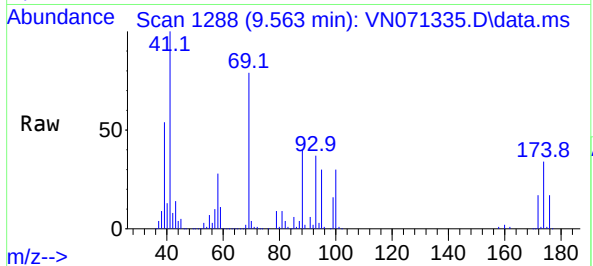
Tgt Ion: 41 Resp: 504346
Ion Ratio Lower Upper
41 100
69 78.7 72.4 108.6
39 54.6 58.4 87.6#





#49
1,4-Dioxane
Concen: 999.755 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

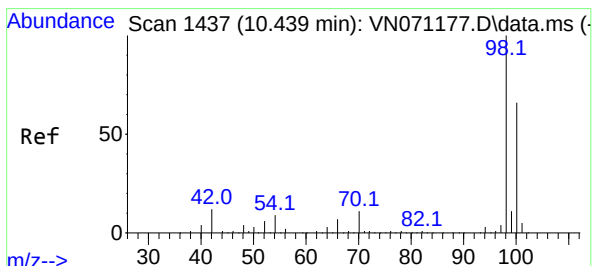
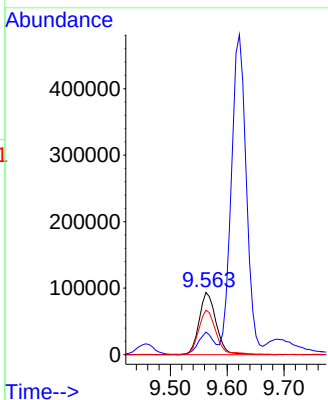
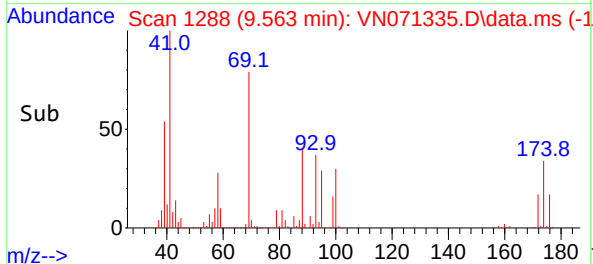
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



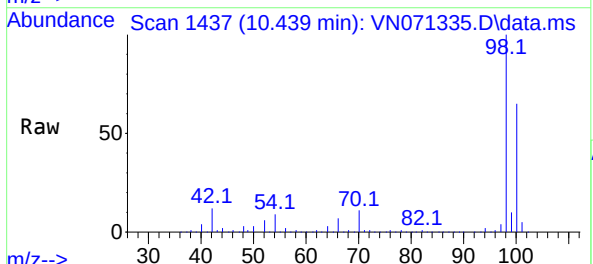
Tgt Ion: 88 Resp: 193702
Ion Ratio Lower Upper
88 100
43 33.6 23.4 35.2
58 73.8 50.6 75.8

Manual Integrations
APPROVED

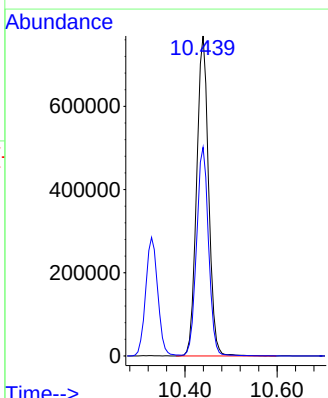
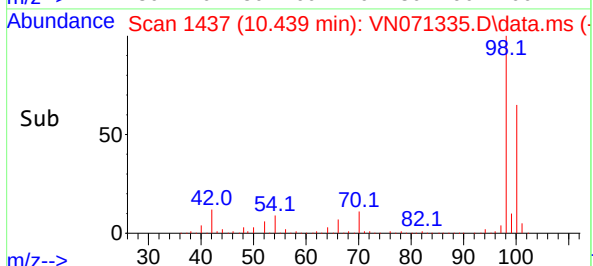
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

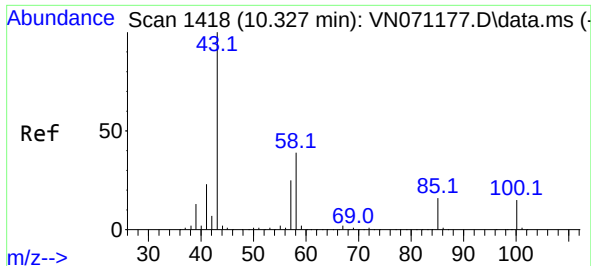


#50
Toluene-d8
Concen: 47.230 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion: 98 Resp: 1387101
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6





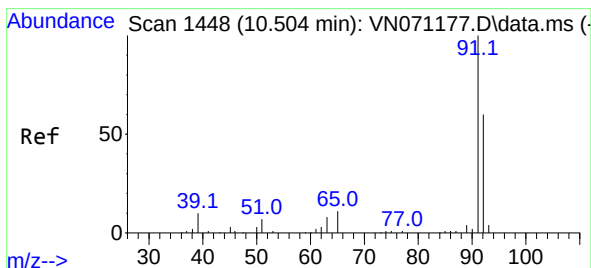
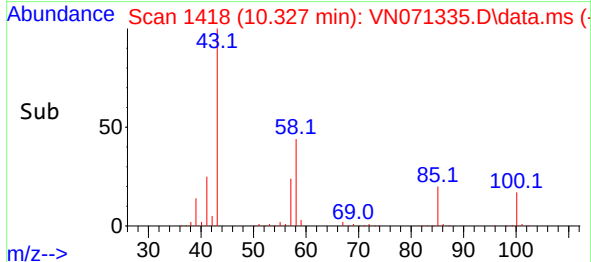
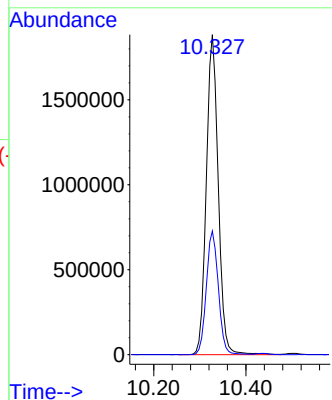
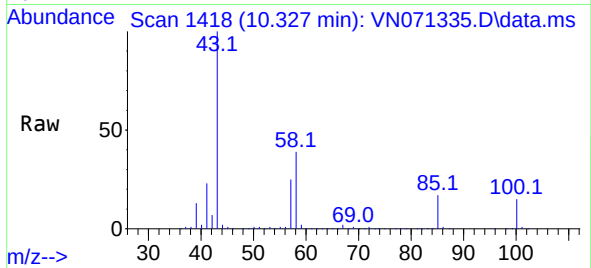
#51
4-Methyl-2-Pentanone
Concen: 227.919 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 3402190
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

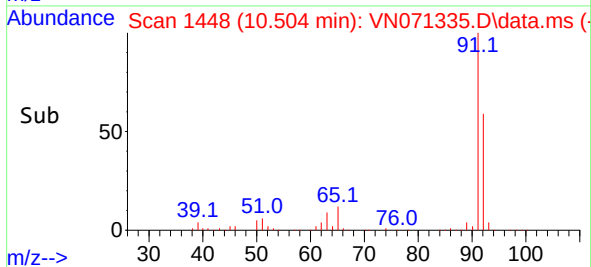
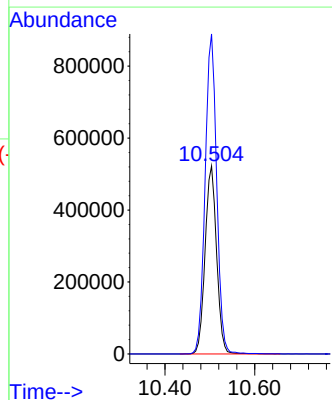
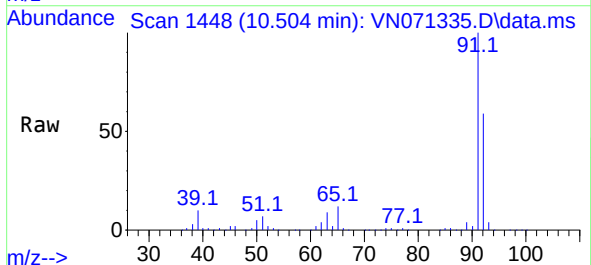
Manual Integrations
APPROVED

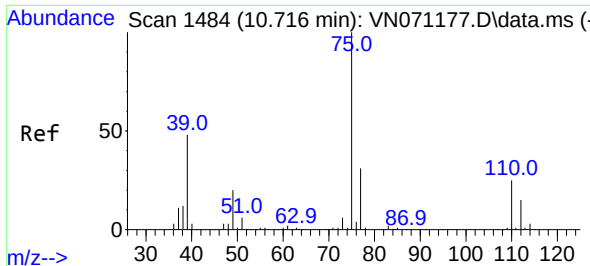
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 42.868 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion: 92 Resp: 929503
Ion Ratio Lower Upper
92 100
91 170.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.793 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

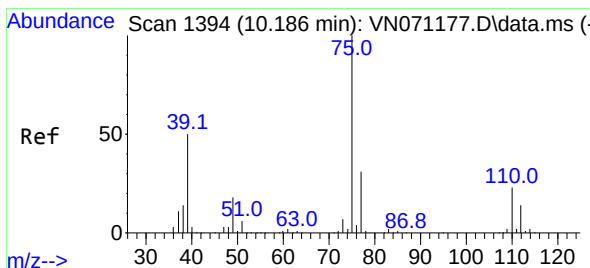
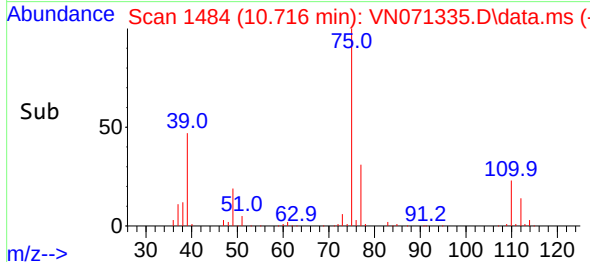
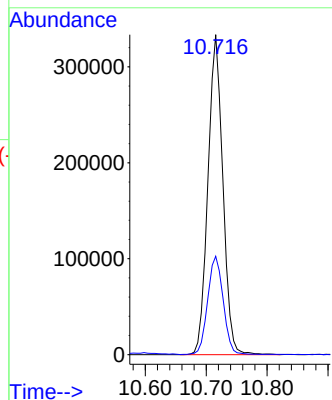
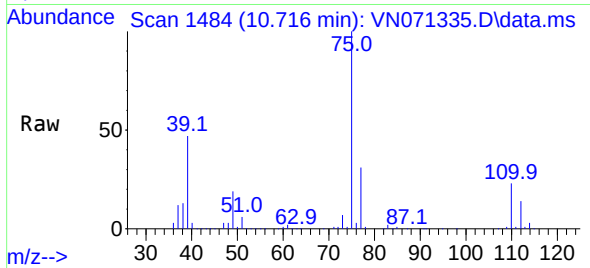
VSTDCCC050EC

Tgt Ion: 75 Resp: 567583
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

Manual Integrations

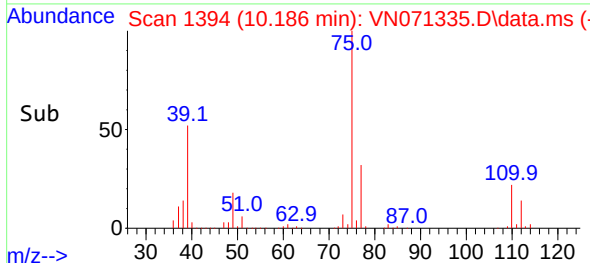
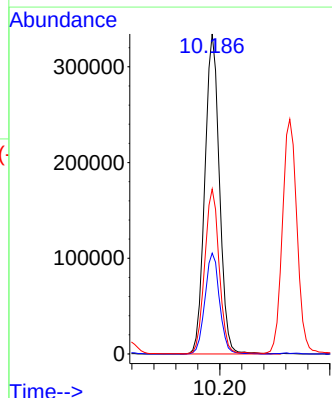
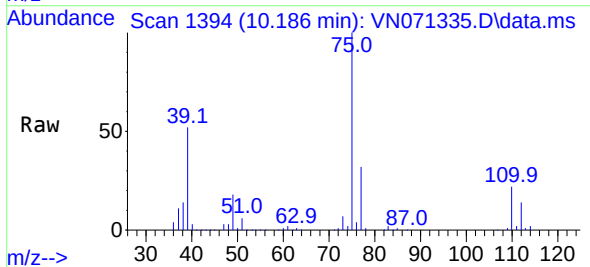
APPROVED

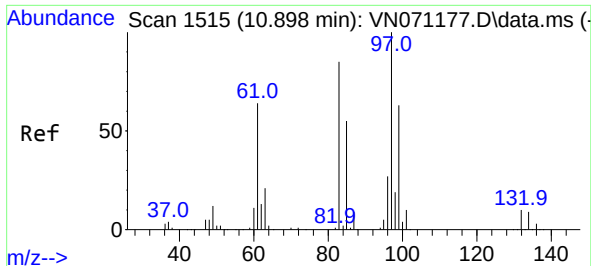
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#54
cis-1,3-Dichloropropene
Concen: 43.531 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion: 75 Resp: 616463
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 51.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 42.911 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

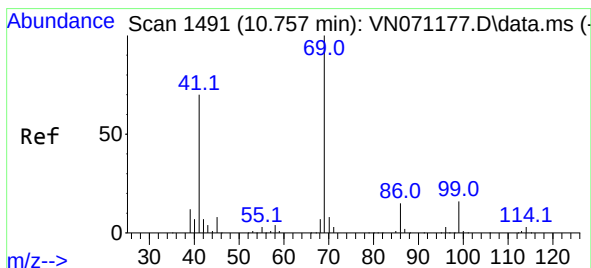
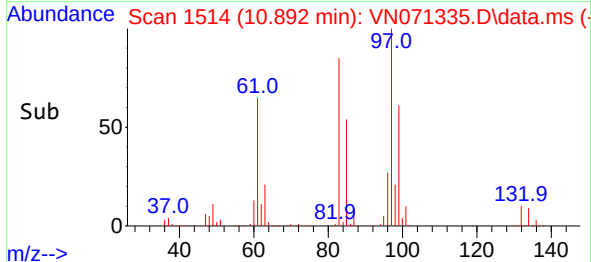
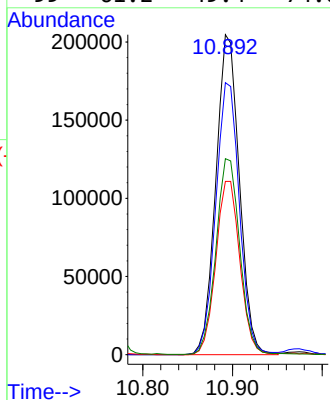
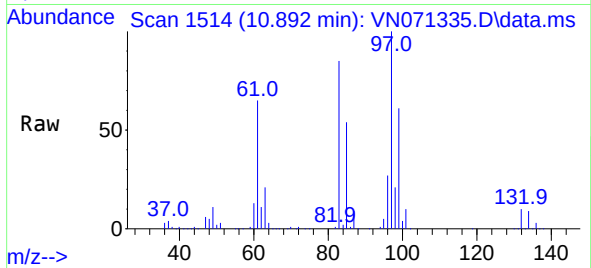
VSTDCCC050EC

Tgt Ion: 97 Resp: 372830
Ion Ratio Lower Upper
97 100
83 85.0 67.8 101.6
85 54.2 45.4 68.2
99 61.2 49.4 74.0

Manual Integrations

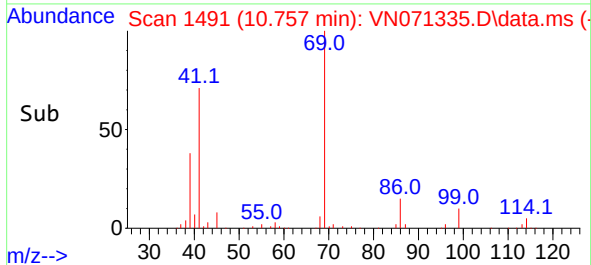
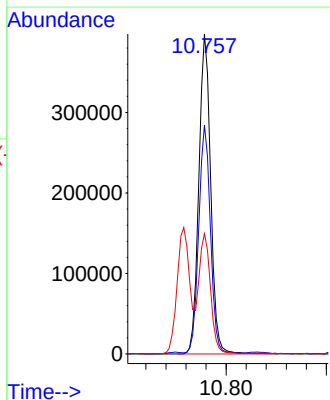
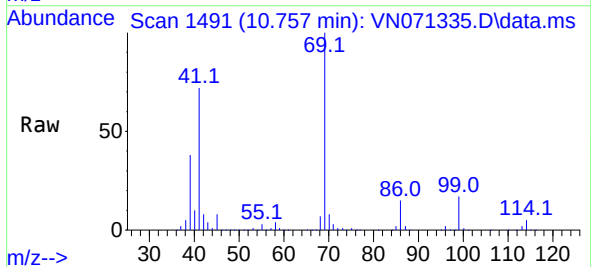
APPROVED

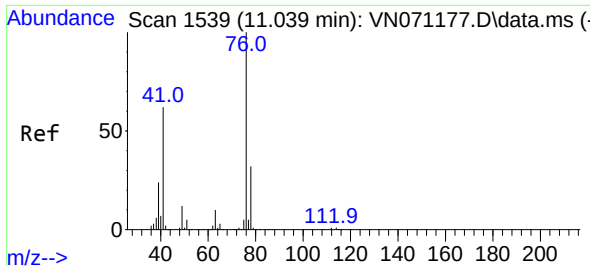
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#56
Ethyl methacrylate
Concen: 45.843 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Tgt Ion: 69 Resp: 650476
Ion Ratio Lower Upper
69 100
41 70.2 51.4 77.0
39 35.3 34.6 52.0





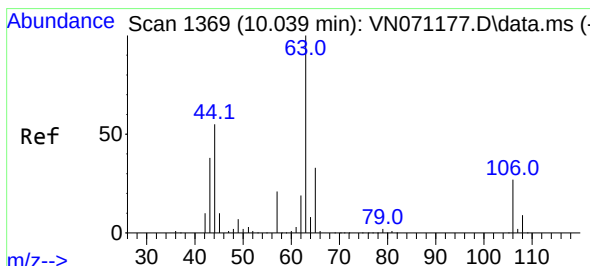
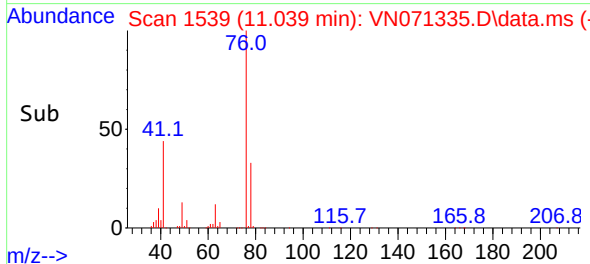
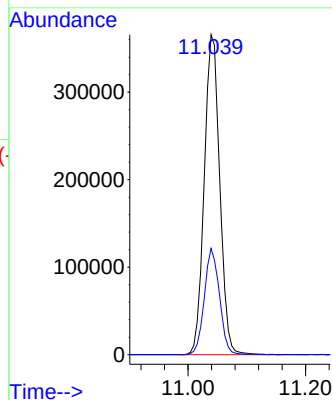
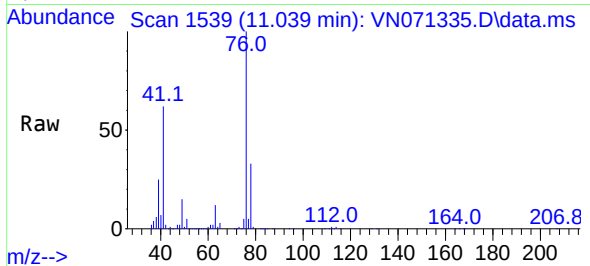
#57
1,3-Dichloropropane
Concen: 42.876 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 668679
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

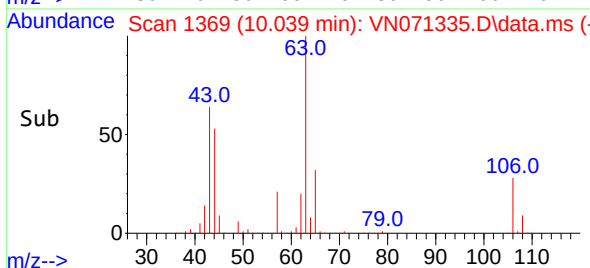
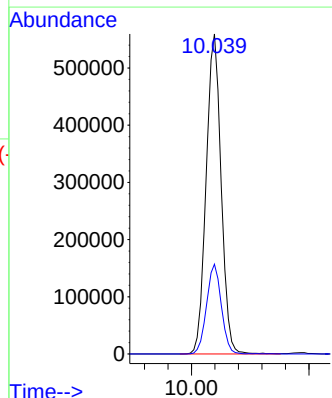
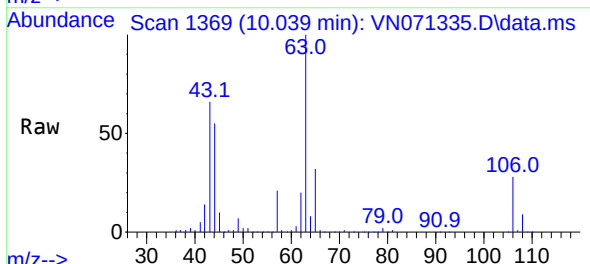
Manual Integrations
APPROVED

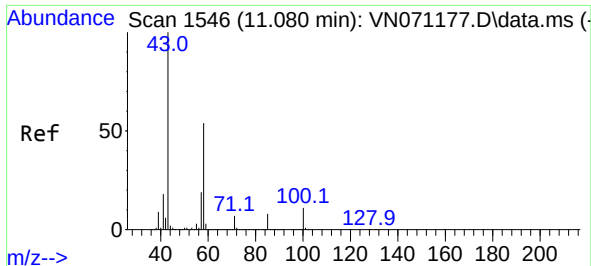
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#58
2-Chloroethyl Vinyl ether
Concen: 322.410 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

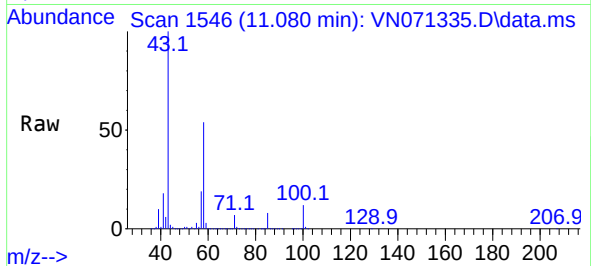
Tgt Ion: 63 Resp: 988201
Ion Ratio Lower Upper
63 100
106 27.6 23.9 35.9





#59
2-Hexanone
Concen: 248.871 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

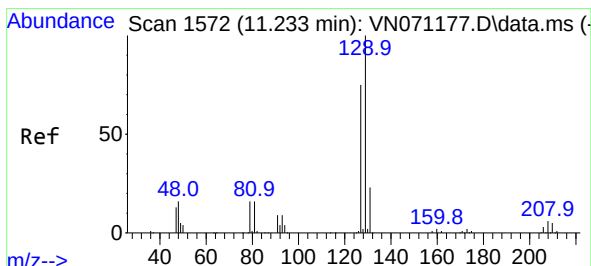
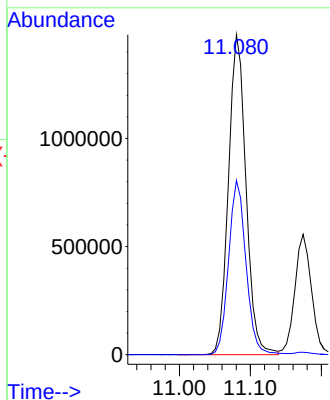
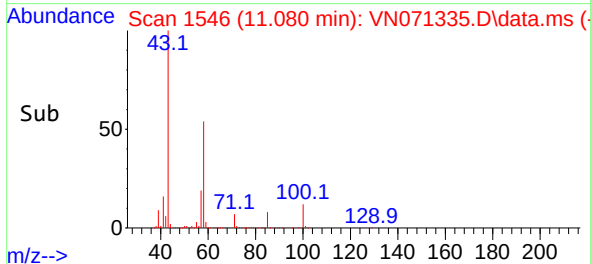
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 253474
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

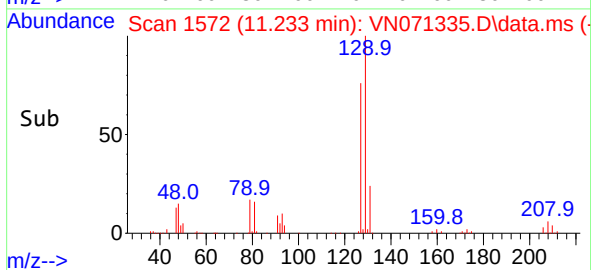
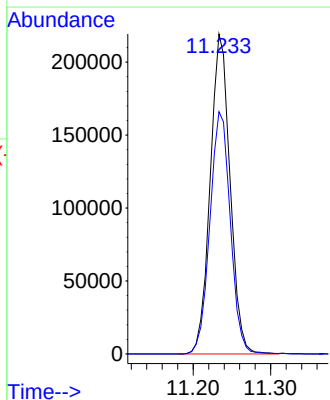
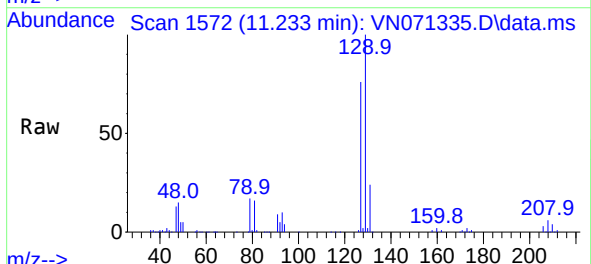
Manual Integrations
APPROVED

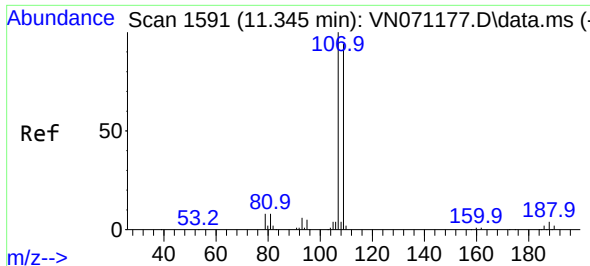
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#60
Dibromochloromethane
Concen: 45.258 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

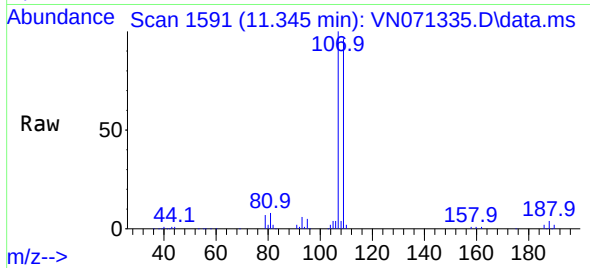
Tgt Ion:129 Resp: 390716
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 43.076 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

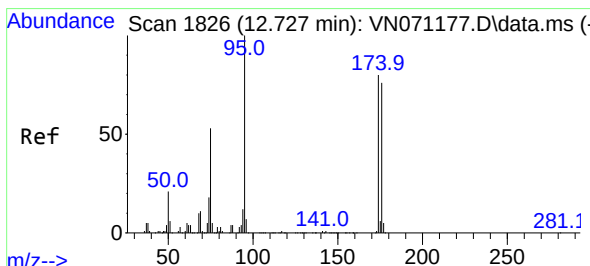
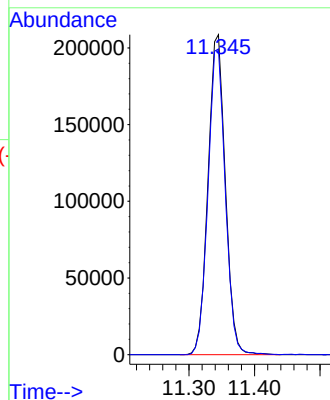
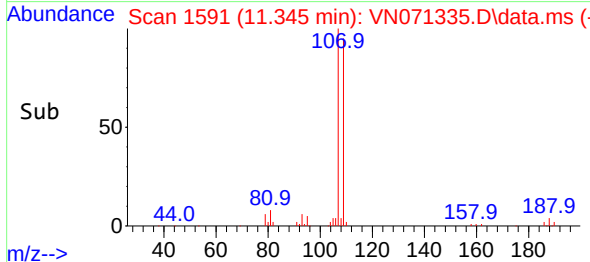
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



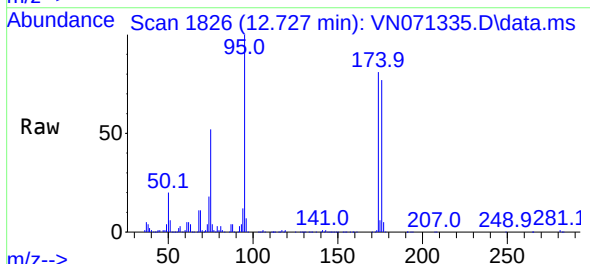
Tgt Ion:107 Resp: 382519
Ion Ratio Lower Upper
107 100
109 95.6 75.7 113.5

Manual Integrations
APPROVED

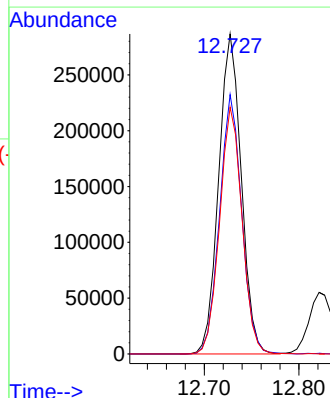
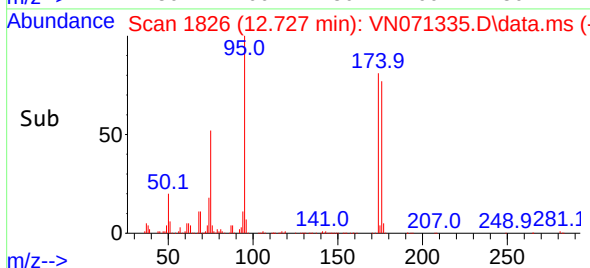
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

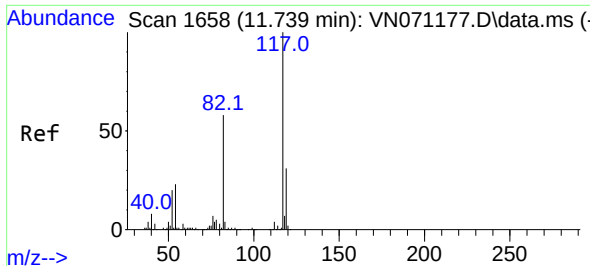


#62
4-Bromofluorobenzene
Concen: 47.735 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



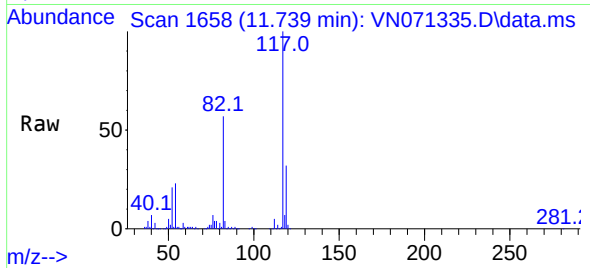
Tgt Ion: 95 Resp: 474732
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 76.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

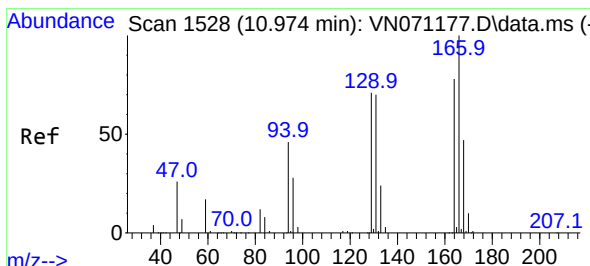
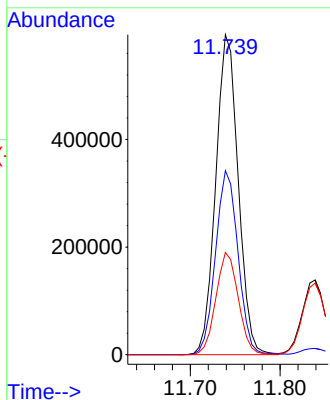
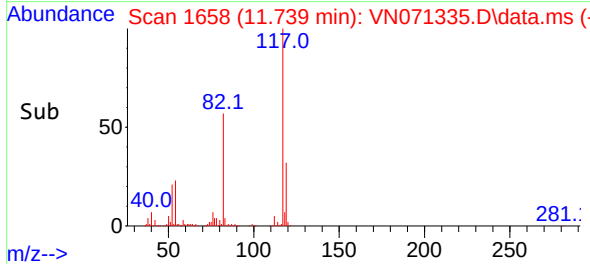
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



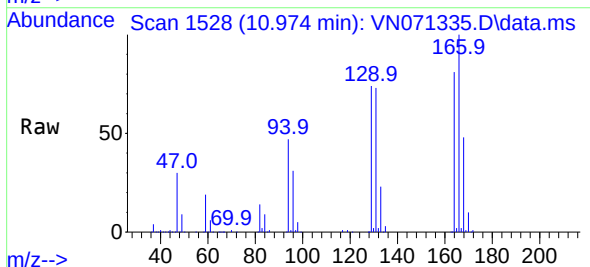
Tgt Ion:117 Resp: 1035879
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

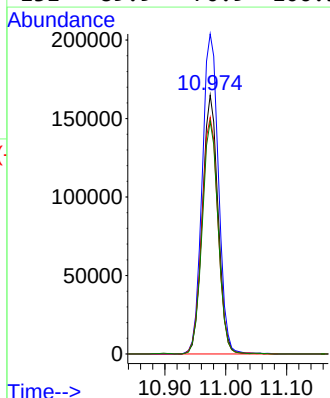
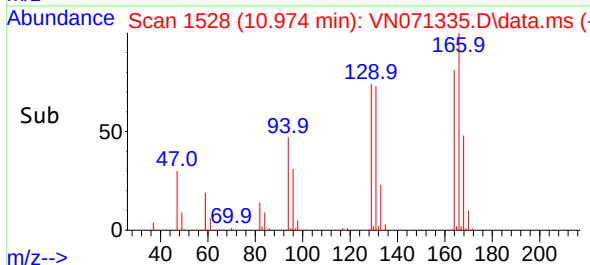
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

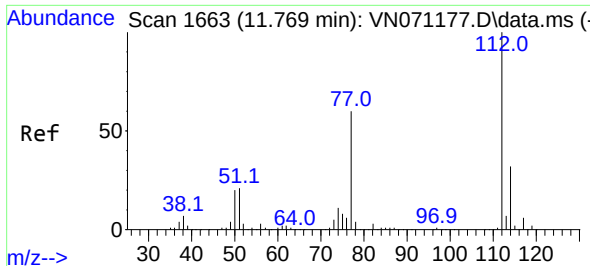


#64
Tetrachloroethene
Concen: 40.847 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



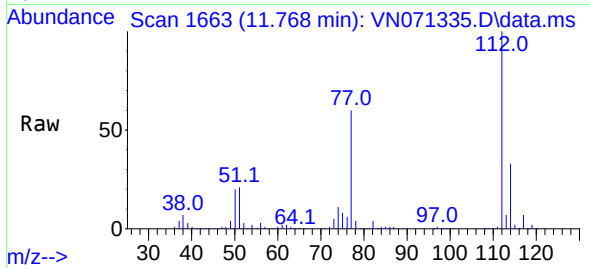
Tgt Ion:164 Resp: 295099
Ion Ratio Lower Upper
164 100
166 123.6 101.9 152.9
129 91.4 72.0 108.0
131 89.9 70.9 106.3





#65
Chlorobenzene
Concen: 43.704 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

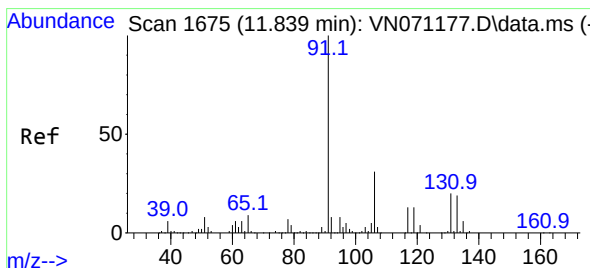
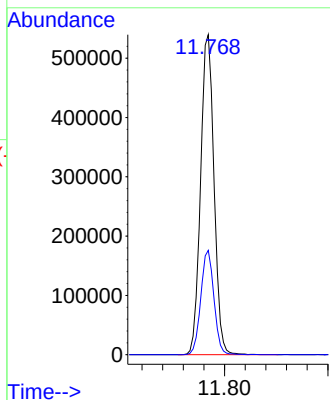
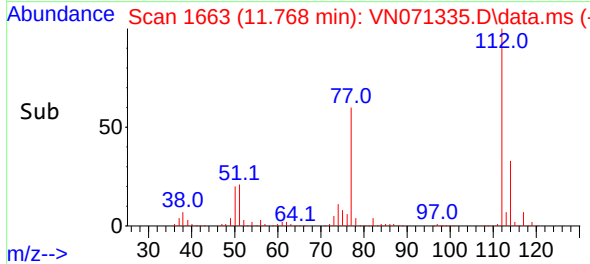
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



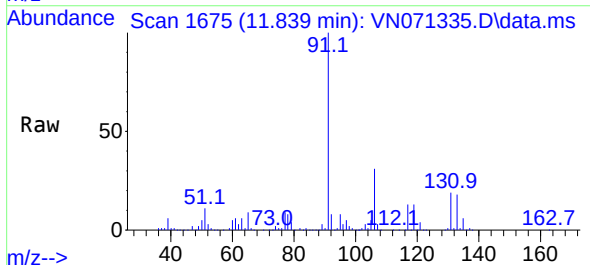
Tgt Ion:112 Resp: 97224
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

Manual Integrations
APPROVED

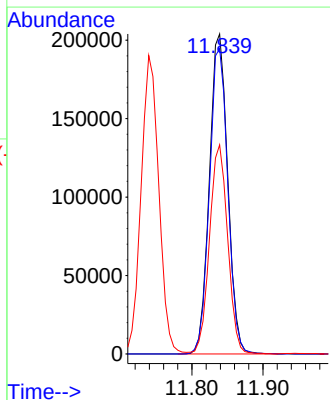
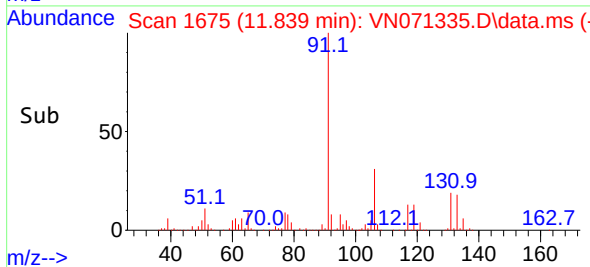
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

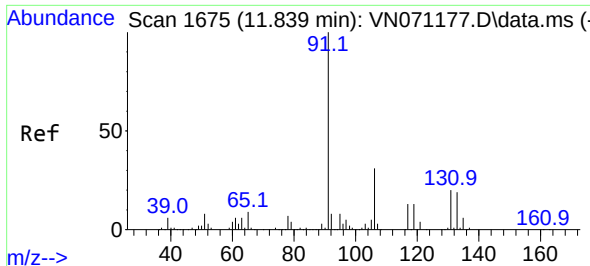


#66
1,1,1,2-Tetrachloroethane
Concen: 44.716 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



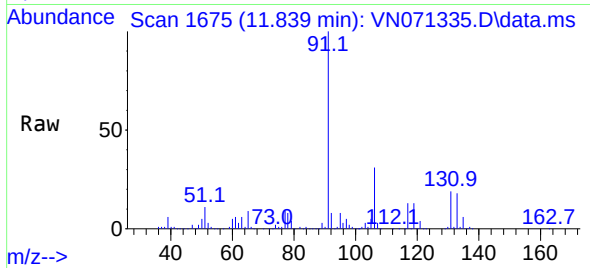
Tgt Ion:131 Resp: 364750
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 45.398 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

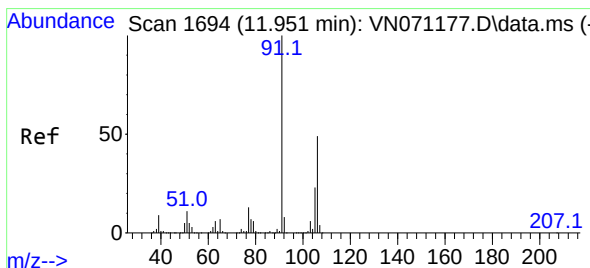
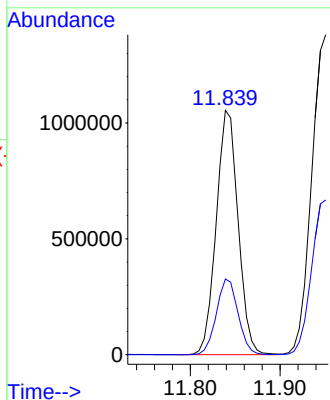
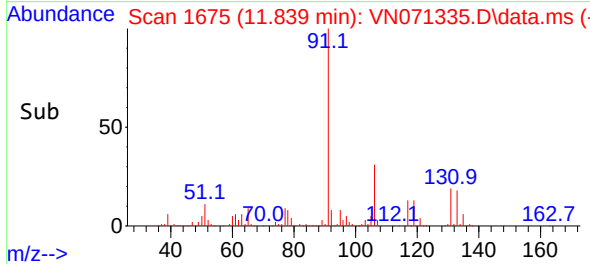
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



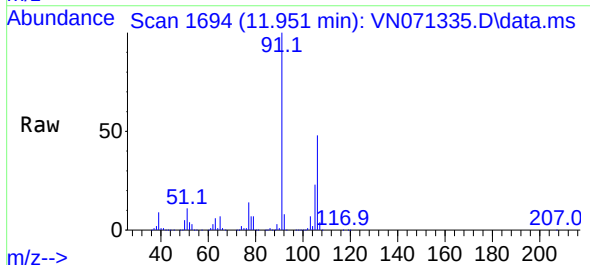
Tgt Ion: 91 Resp: 1785669
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

Manual Integrations
APPROVED

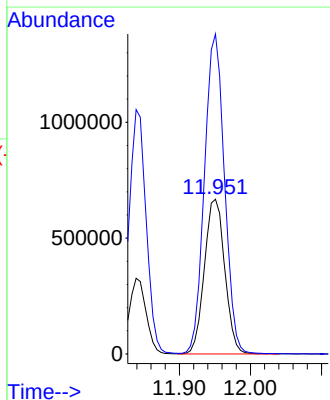
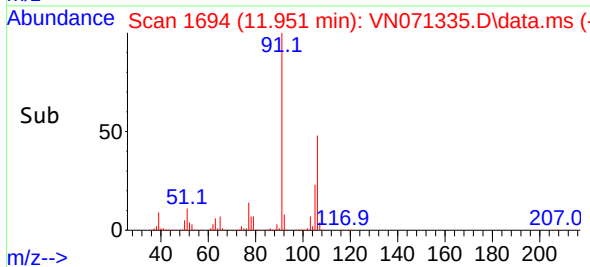
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

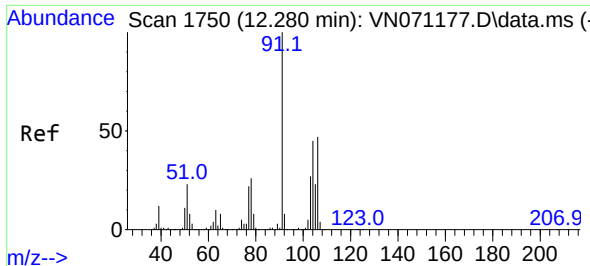


#68
m/p-Xylenes
Concen: 92.495 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion:106 Resp: 1330939
Ion Ratio Lower Upper
106 100
91 203.4 160.6 240.8





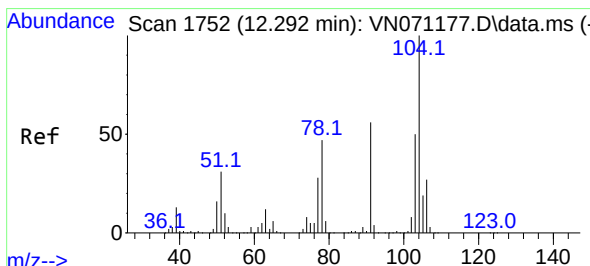
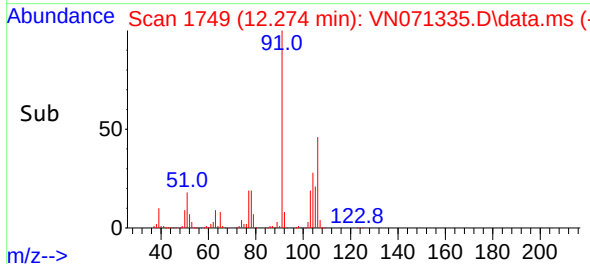
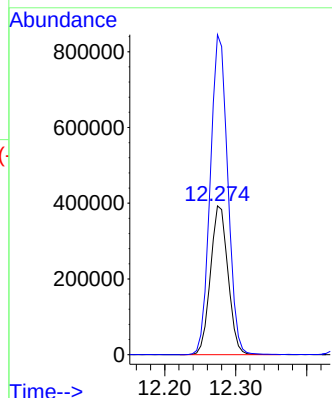
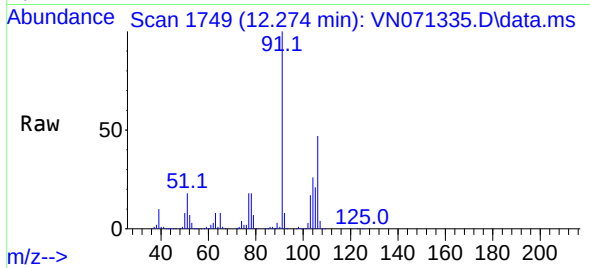
#69
o-Xylene
Concen: 46.643 ug/l
RT: 12.274 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 672775
Ion Ratio Lower Upper
106 100
91 214.6 105.8 317.3

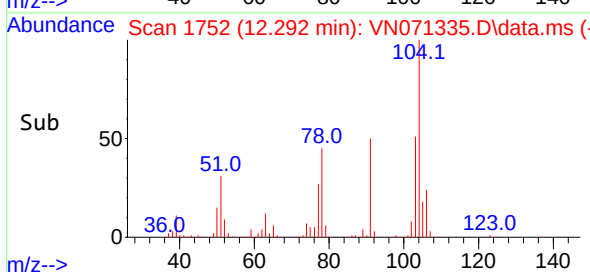
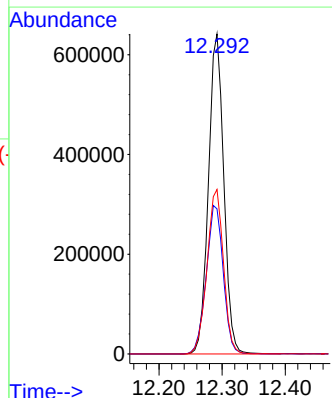
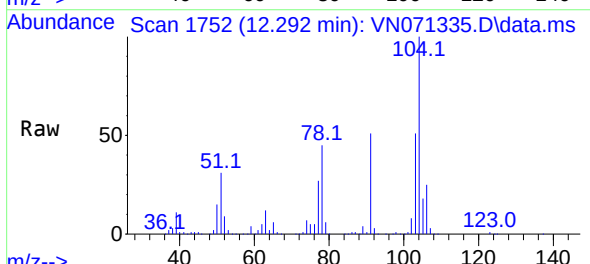
Manual Integrations
APPROVED

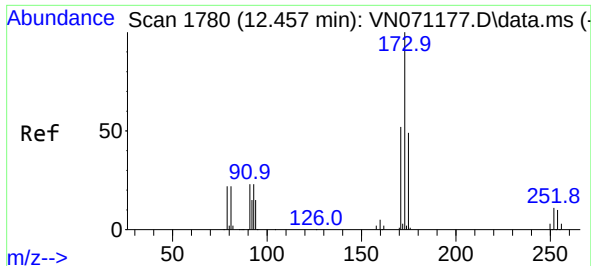
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 48.602 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

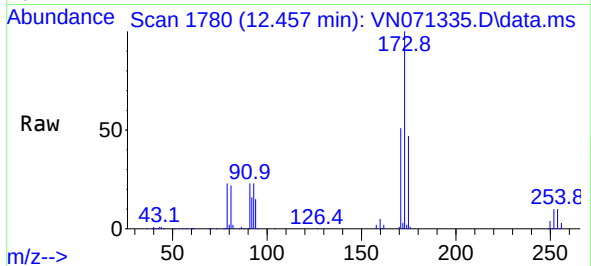
Tgt Ion:104 Resp: 1085147
Ion Ratio Lower Upper
104 100
78 51.3 38.7 58.1
103 55.2 45.0 67.6





#71
Bromoform
Concen: 48.868 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

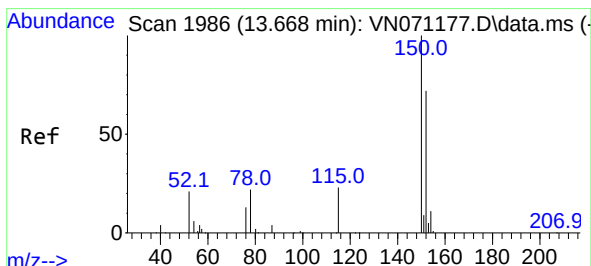
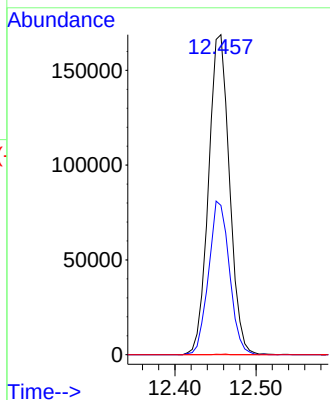
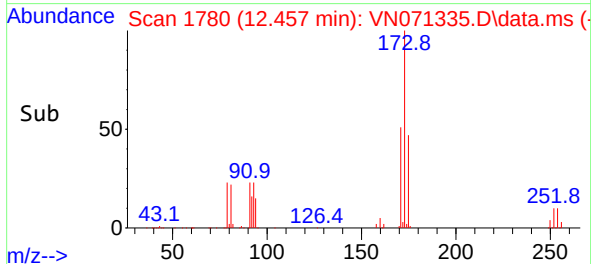
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



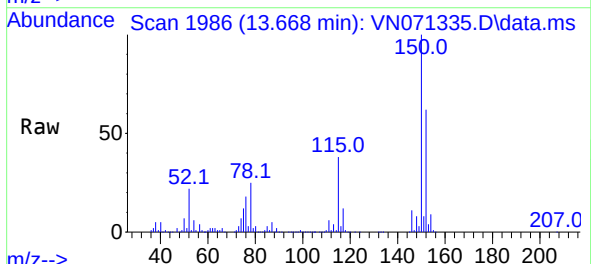
Tgt Ion:173 Resp: 302719
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

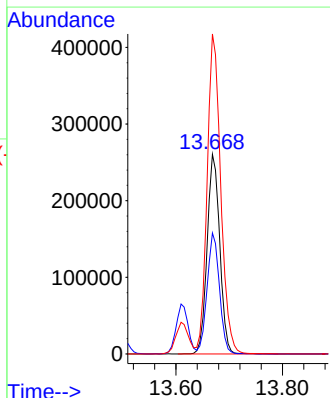
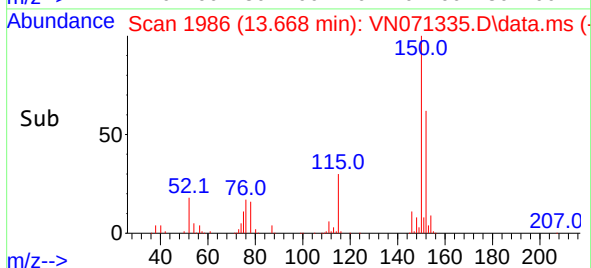
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

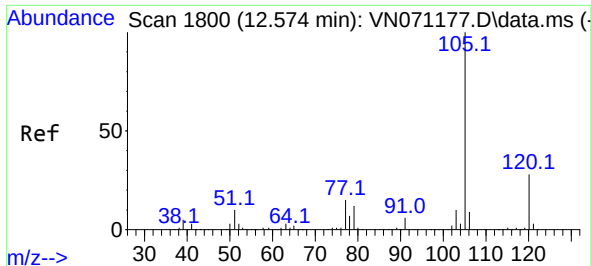


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion:152 Resp: 428883
Ion Ratio Lower Upper
152 100
115 59.1 27.5 82.5
150 172.4 0.0 344.4





#73
Isopropylbenzene
Concen: 41.940 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

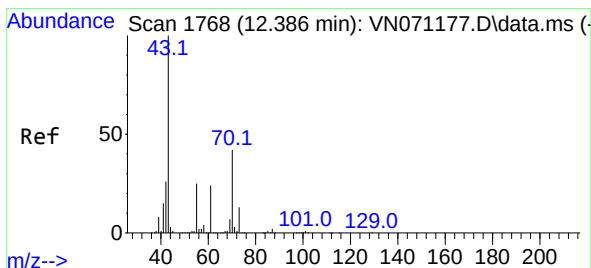
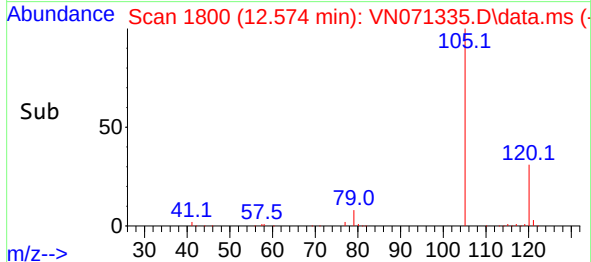
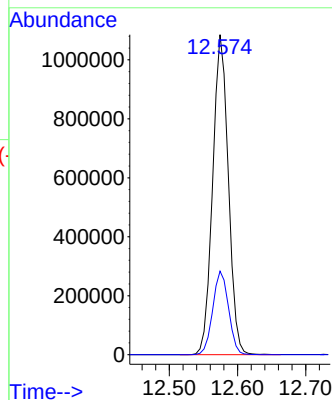
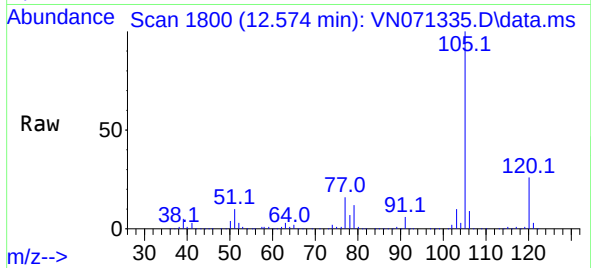
VSTDCCC050EC

Tgt Ion:105 Resp: 1733970
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

Manual Integrations

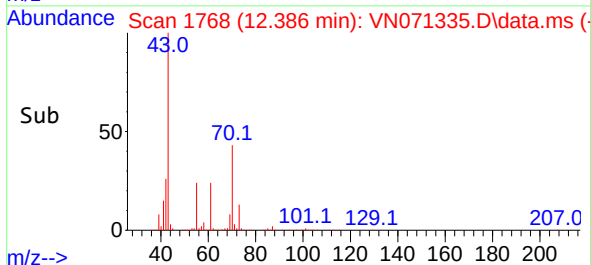
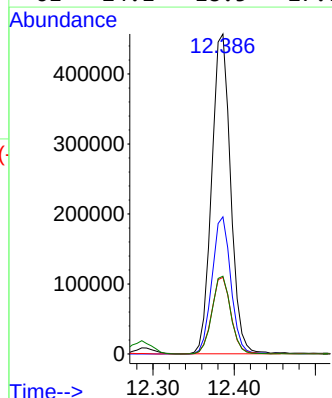
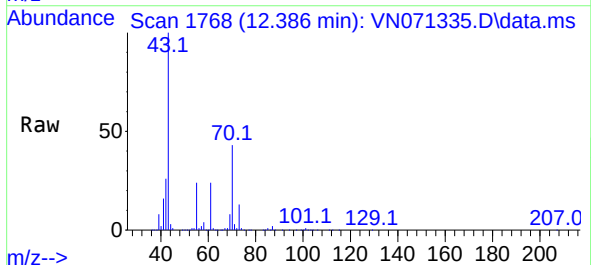
APPROVED

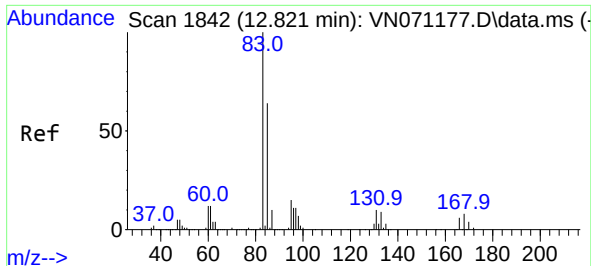
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#74
N-ethyl acetate
Concen: 47.593 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

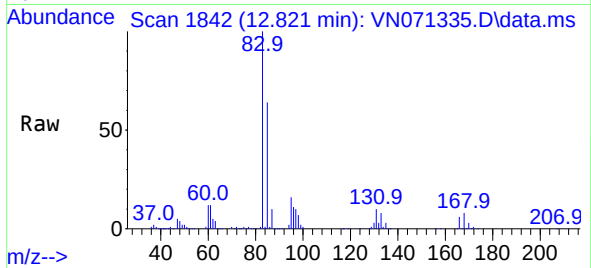
Tgt Ion: 43 Resp: 739841
Ion Ratio Lower Upper
43 100
70 43.0 33.4 50.0
55 24.3 19.3 28.9
61 24.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.804 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

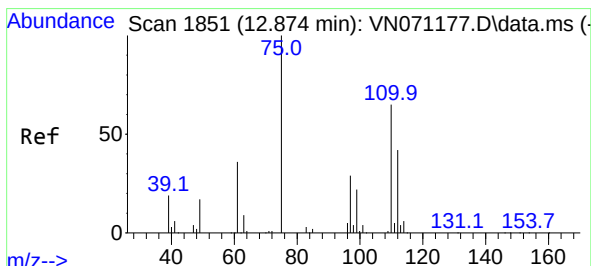
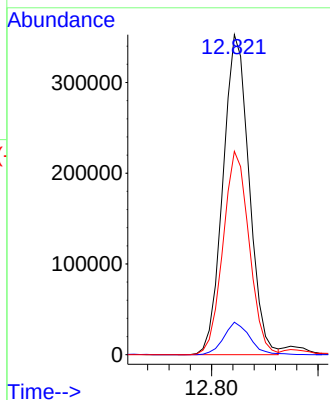
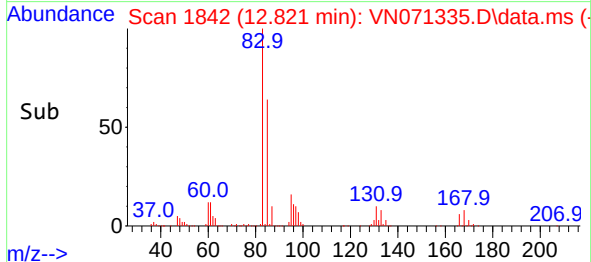
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



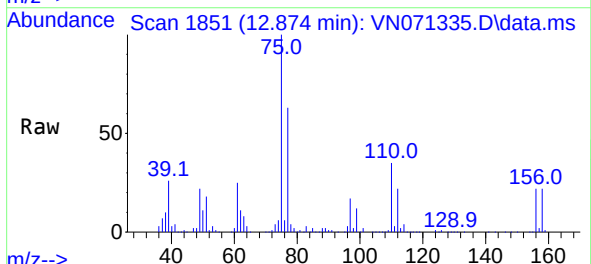
Tgt Ion: 83 Resp: 600350
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
APPROVED

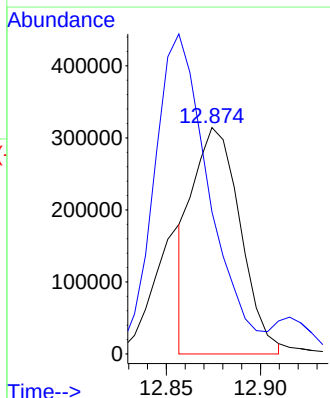
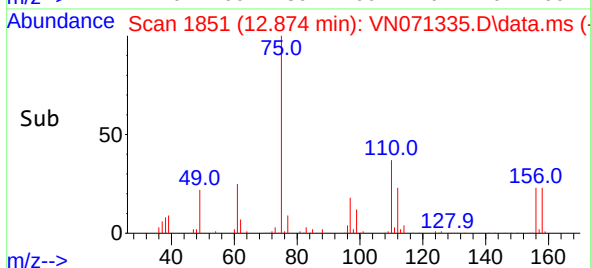
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

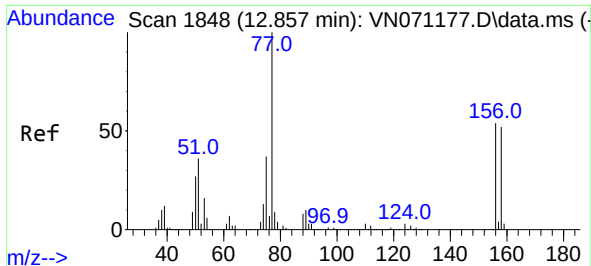


#76
1,2,3-Trichloropropane
Concen: 53.665 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



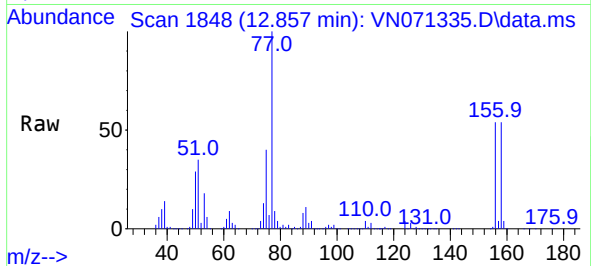
Tgt Ion: 75 Resp: 555682
Ion Ratio Lower Upper
75 100
77 163.5 82.6 247.8





#77
Bromobenzene
Concen: 42.169 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

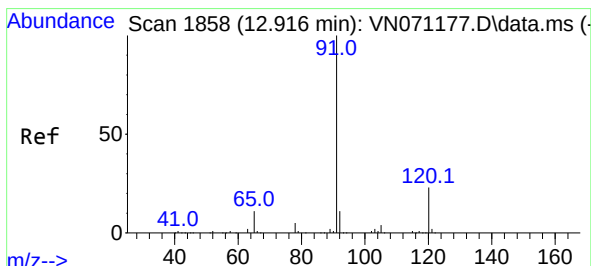
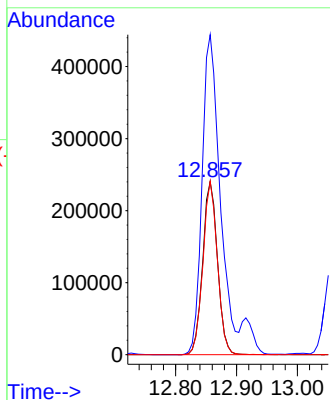
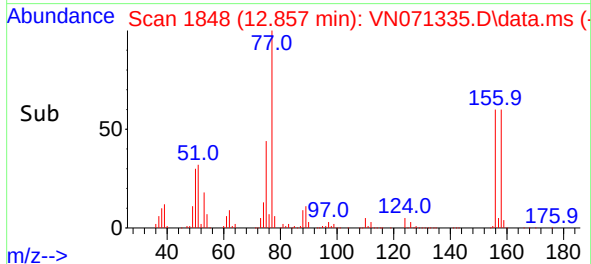
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



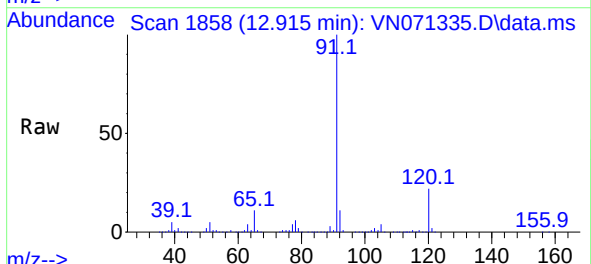
Tgt Ion:156 Resp: 406542
Ion Ratio Lower Upper
156 100
77 223.4 90.6 271.8
158 97.6 48.9 146.7

Manual Integrations
APPROVED

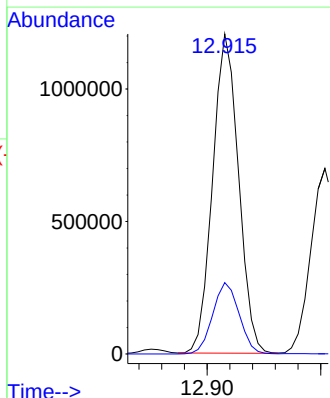
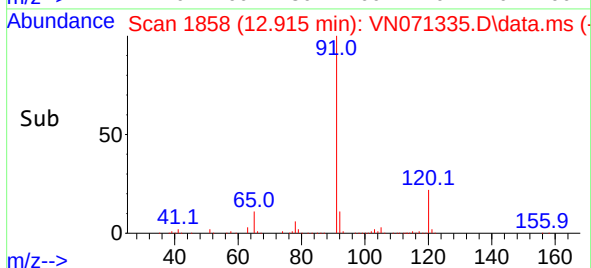
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

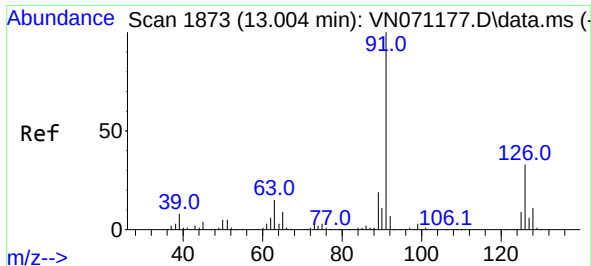


#78
n-propylbenzene
Concen: 42.960 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion: 91 Resp: 1905925
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





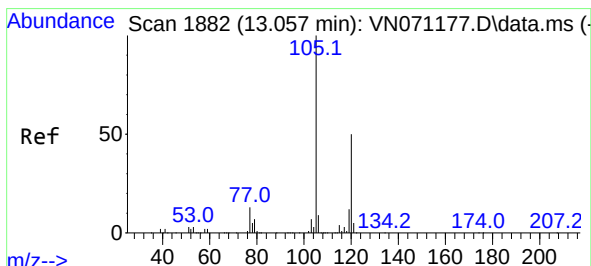
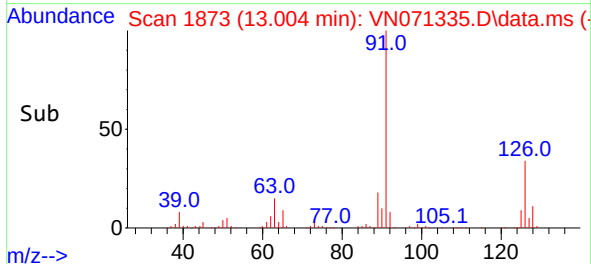
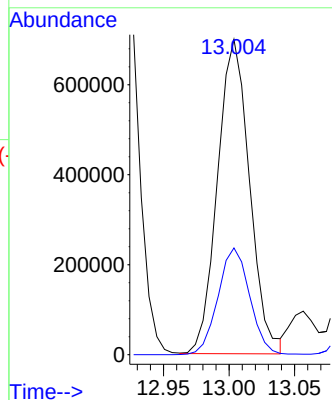
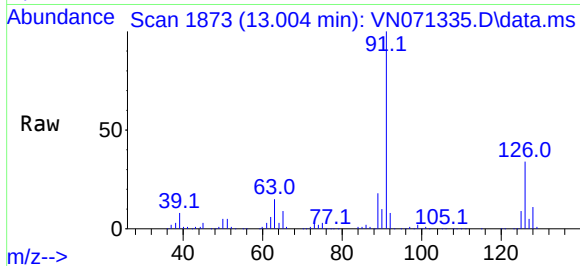
#79
2-Chlorotoluene
Concen: 41.742 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1188775
Ion Ratio Lower Upper
91 100
126 33.5 18.3 54.8

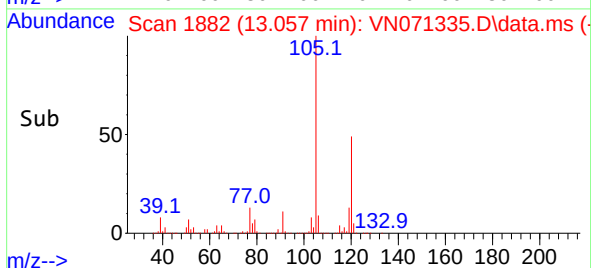
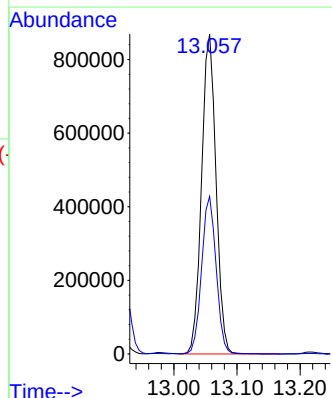
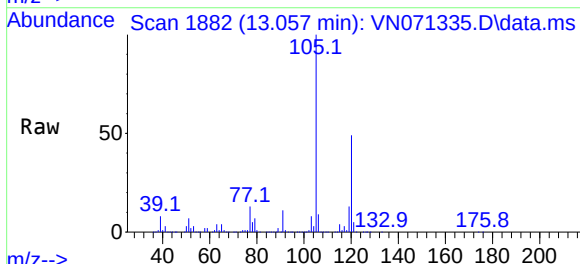
Manual Integrations
APPROVED

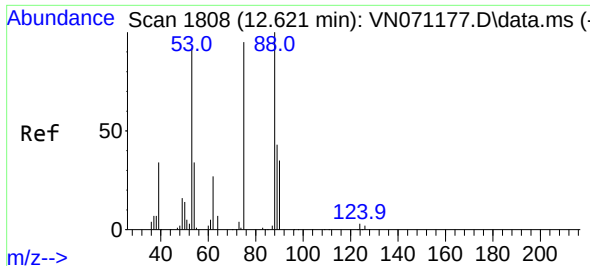
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 42.899 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

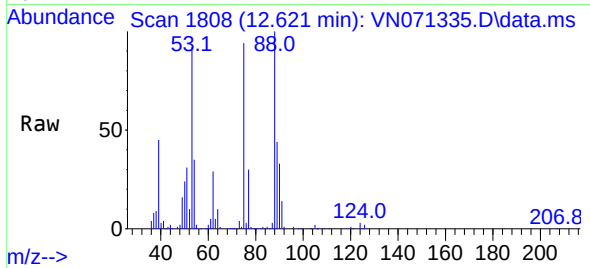
Tgt Ion:105 Resp: 1379866
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.115 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

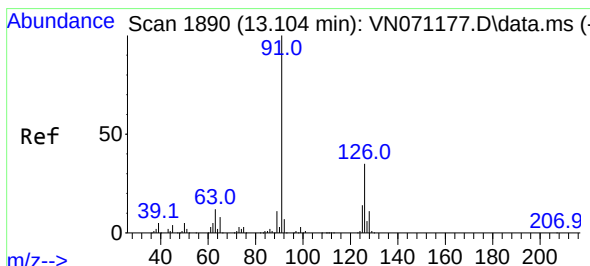
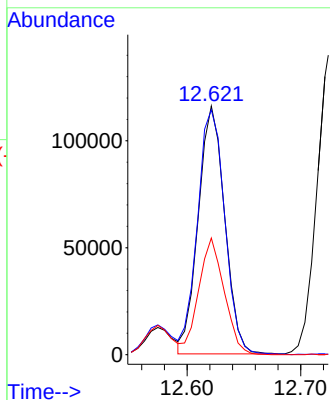
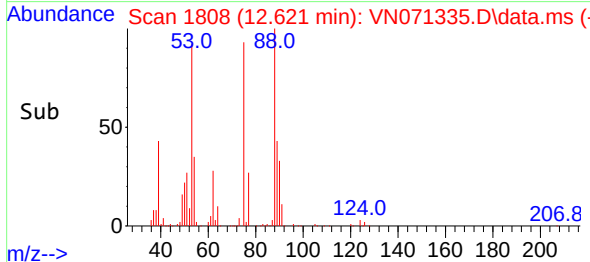
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



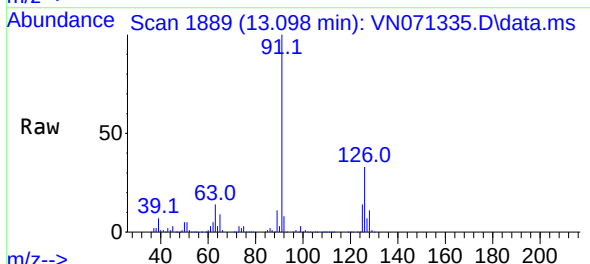
Tgt Ion: 75 Resp: 18692
Ion Ratio Lower Upper
75 100
53 102.6 90.5 135.7
89 45.8 38.2 57.4

Manual Integrations
APPROVED

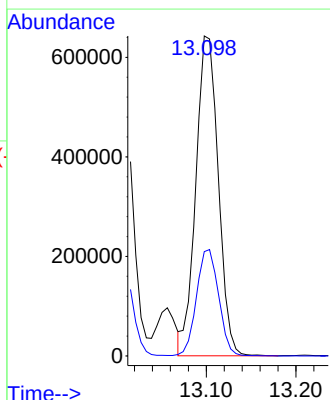
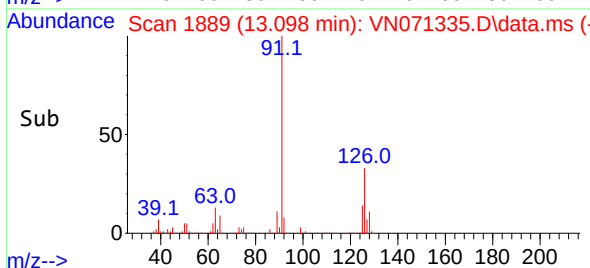
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

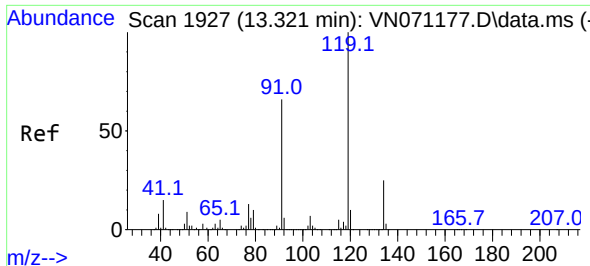


#82
4-Chlorotoluene
Concen: 43.937 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



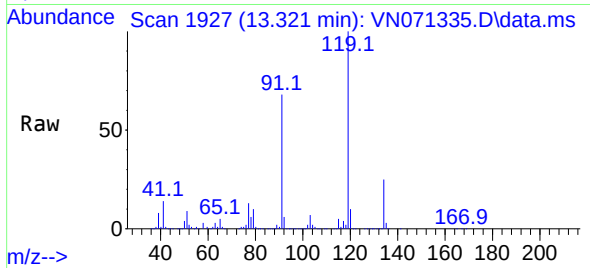
Tgt Ion: 91 Resp: 1114536
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 43.576 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

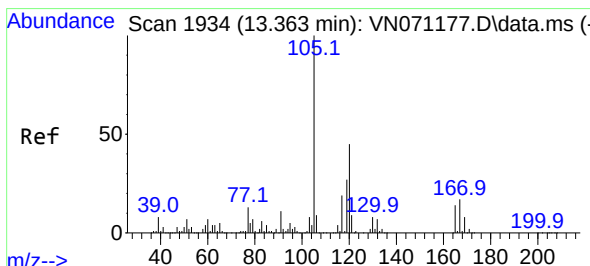
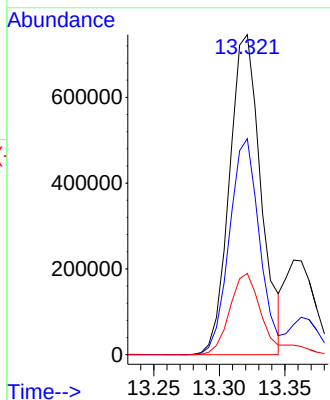
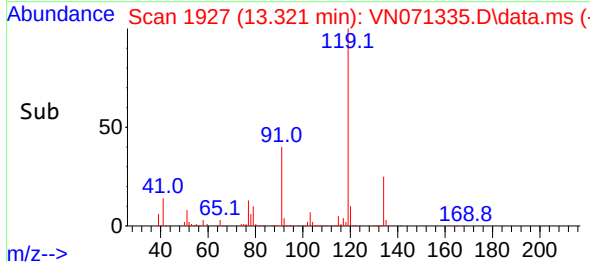
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



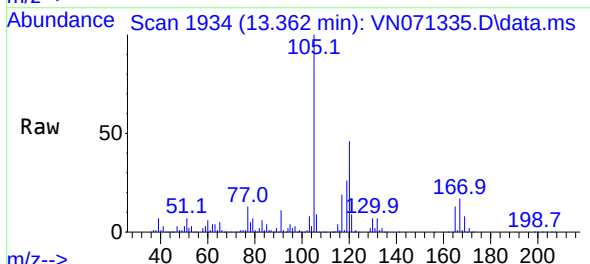
Tgt Ion:119 Resp: 1250870
Ion Ratio Lower Upper
119 100
91 64.2 31.5 94.5
134 27.0 12.4 37.4

Manual Integrations
APPROVED

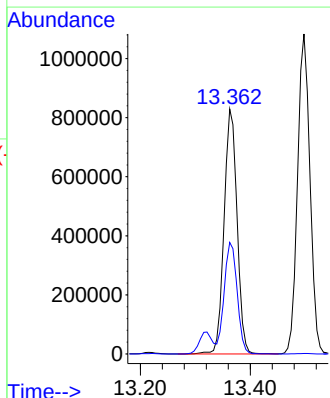
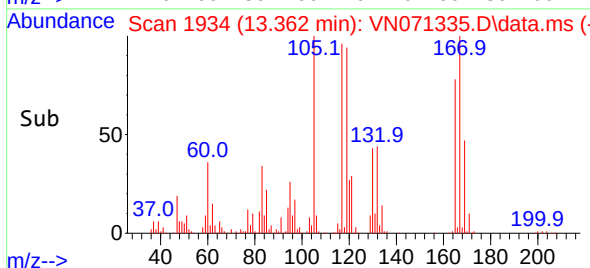
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

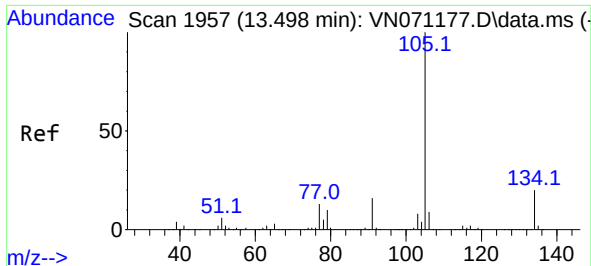


#84
1,2,4-Trimethylbenzene
Concen: 44.147 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion:105 Resp: 1360142
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 44.469 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071335.D
 Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

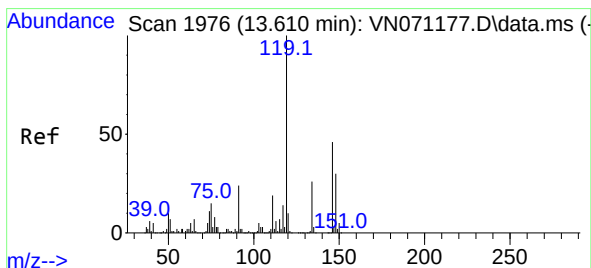
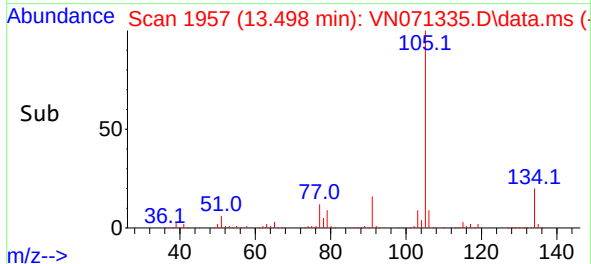
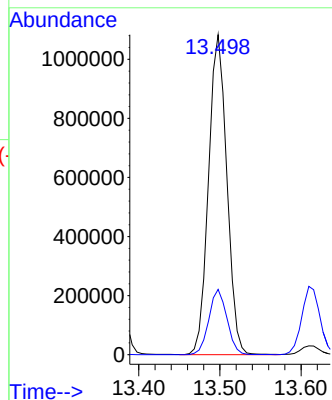
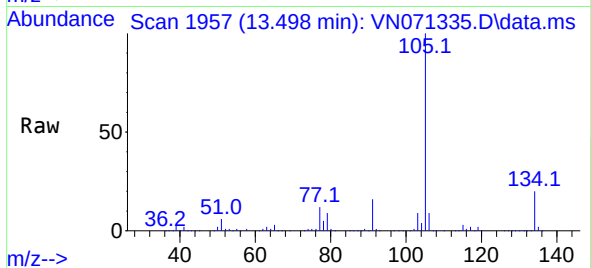
VSTDCCC050EC

Tgt Ion:105 Resp: 169666
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations

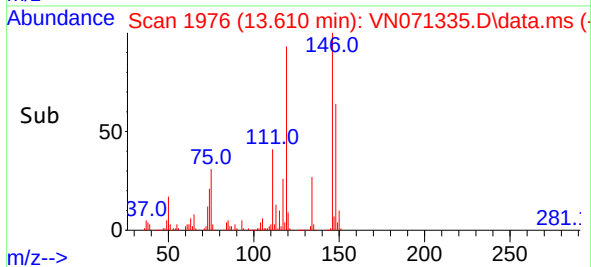
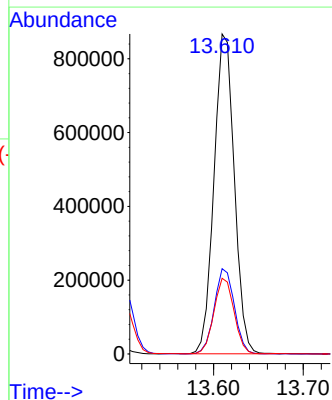
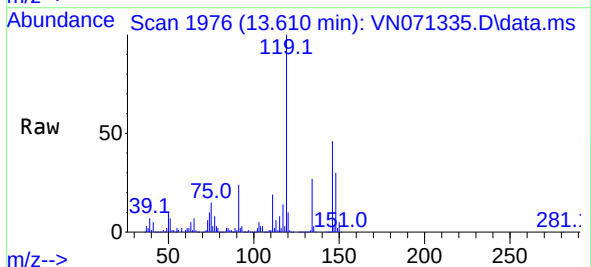
APPROVED

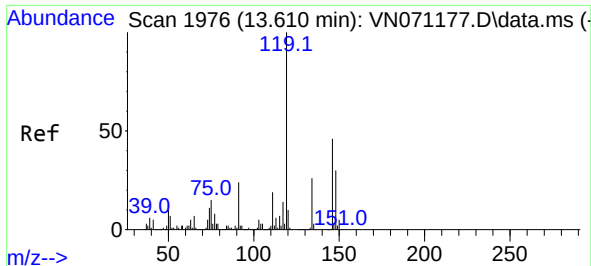
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#86
 p-Isopropyltoluene
 Concen: 45.415 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071335.D
 Acq: 16 Mar 2022 21:13

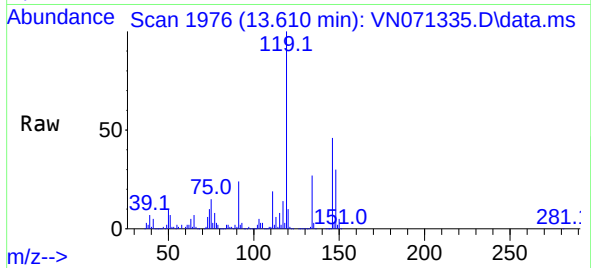
Tgt Ion:119 Resp: 1362715
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 23.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 43.207 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

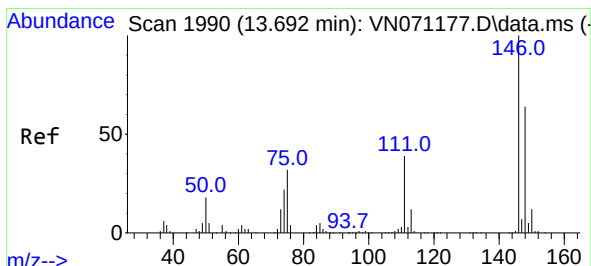
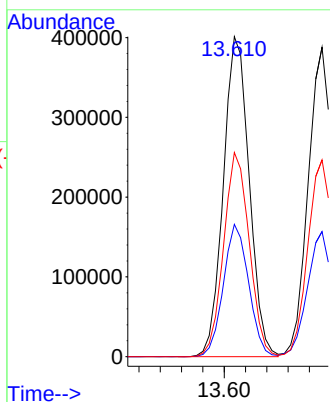
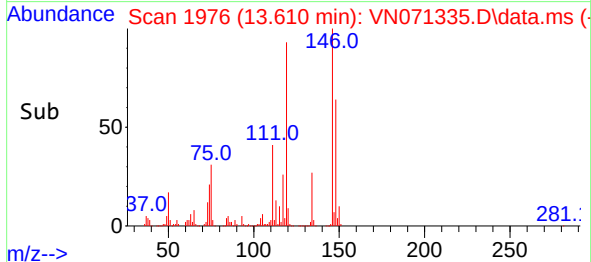
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



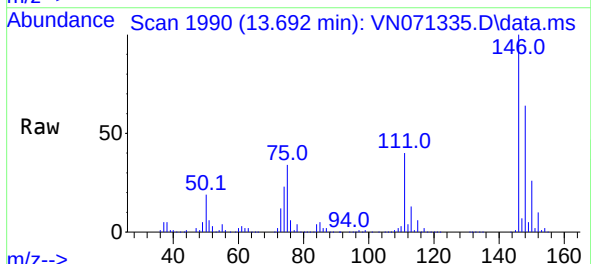
Tgt Ion:146 Resp: 676820
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 63.2 31.6 95.0

Manual Integrations
APPROVED

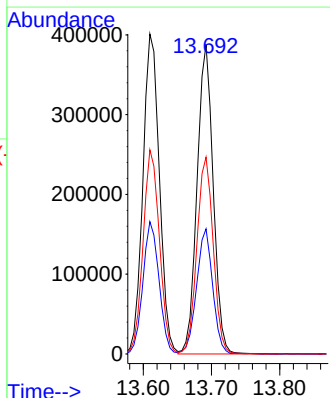
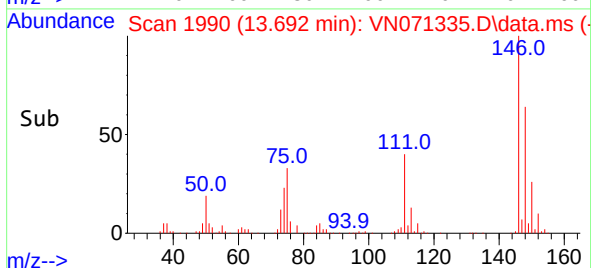
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

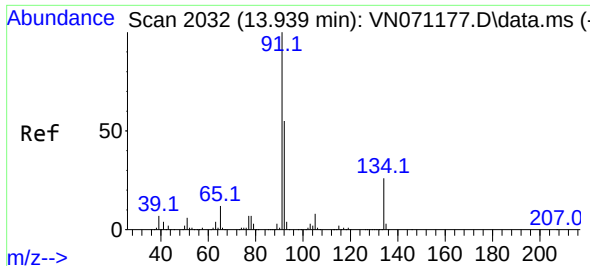


#88
1,4-Dichlorobenzene
Concen: 41.700 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion:146 Resp: 638519
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.5 31.8 95.4





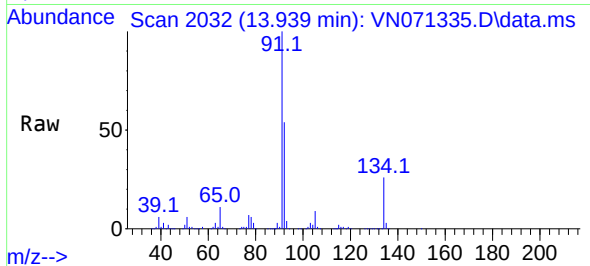
#89
n-Butylbenzene
Concen: 44.307 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



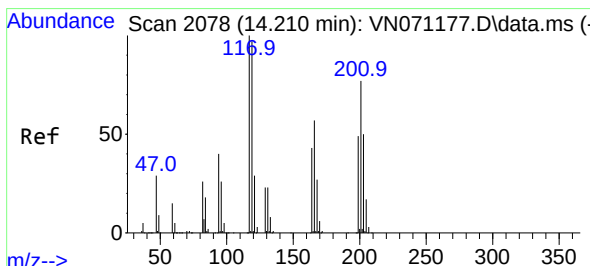
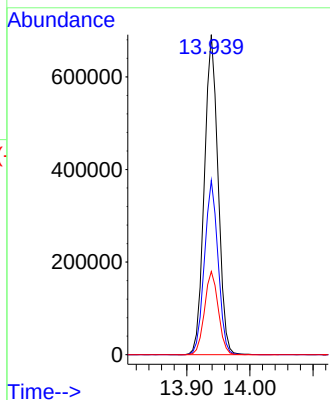
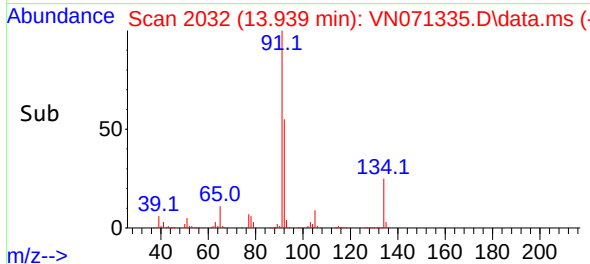
Tgt Ion: 91 Resp: 1039835
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 26.1 13.6 40.8

Manual Integrations

APPROVED

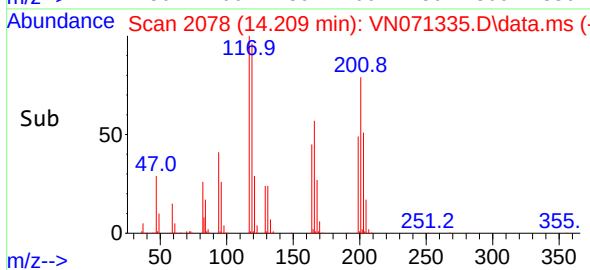
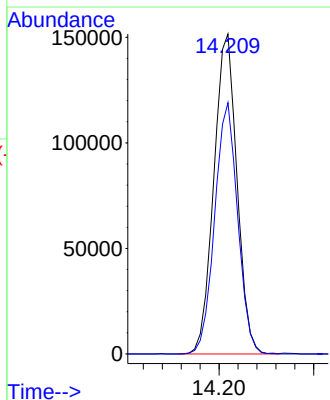
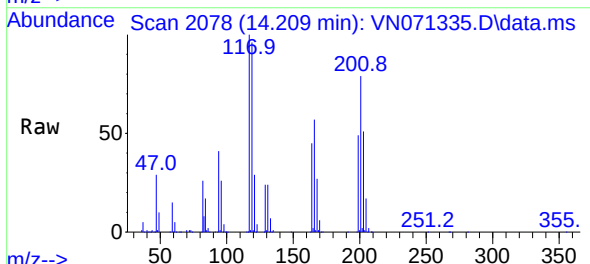
Reviewed By :John Carlone 03/17/2022

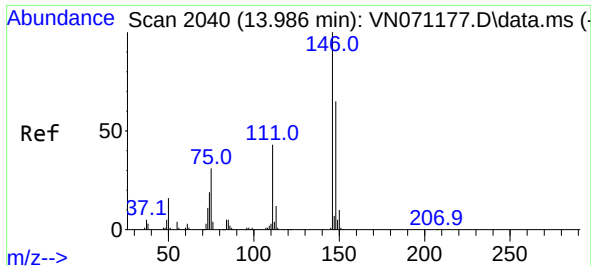
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 43.160 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

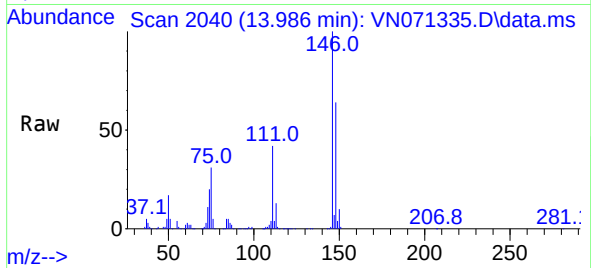
Tgt Ion:117 Resp: 257536
Ion Ratio Lower Upper
117 100
201 77.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 43.556 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

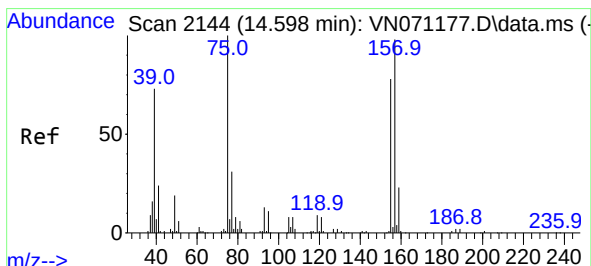
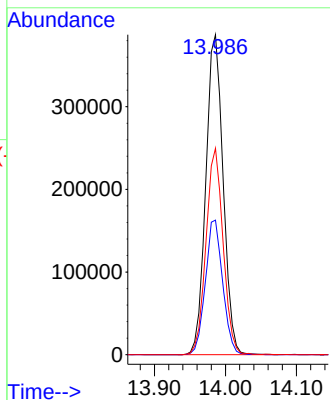
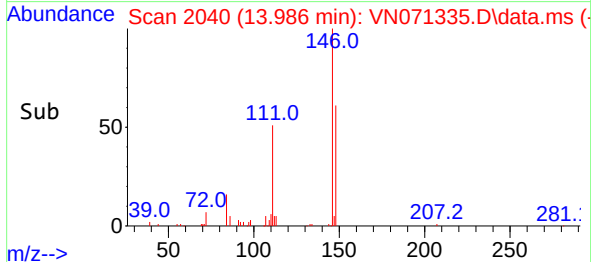
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



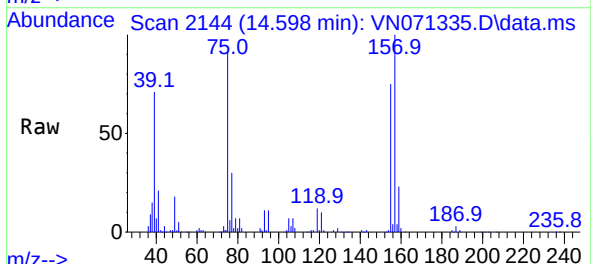
Tgt Ion:146 Resp: 655954
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
APPROVED

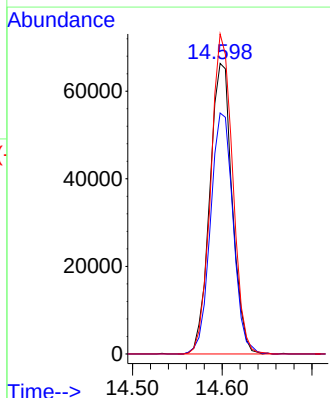
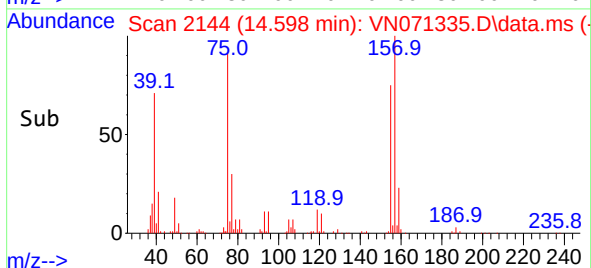
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

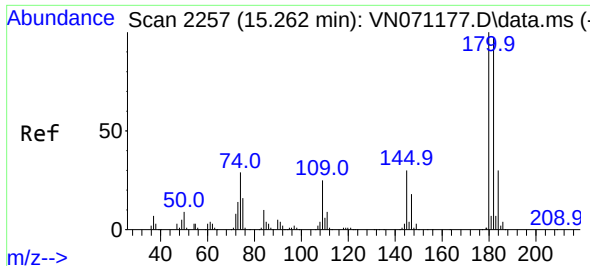


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.811 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



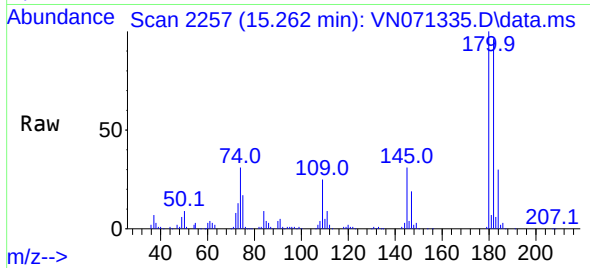
Tgt Ion: 75 Resp: 115011
Ion Ratio Lower Upper
75 100
155 83.7 46.9 140.7
157 107.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 44.120 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

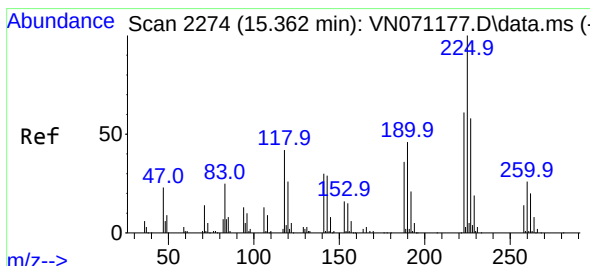
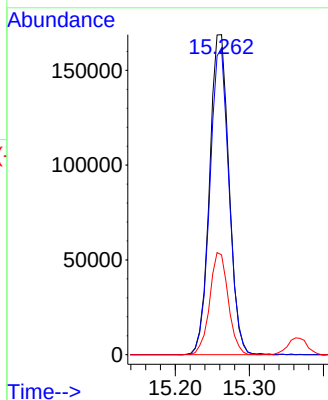
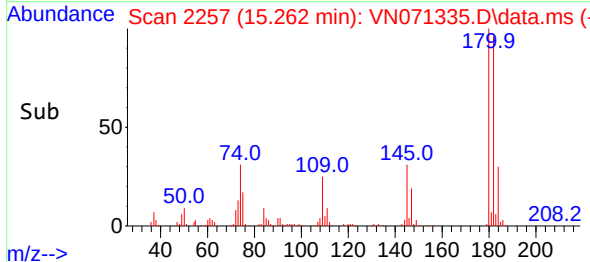
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



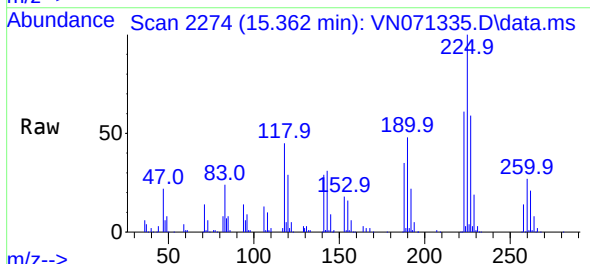
Tgt Ion:180 Resp: 307478
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.9
145 30.4 14.5 43.5

Manual Integrations
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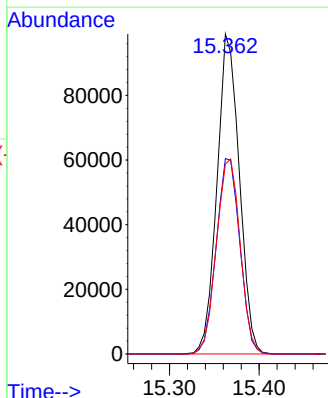
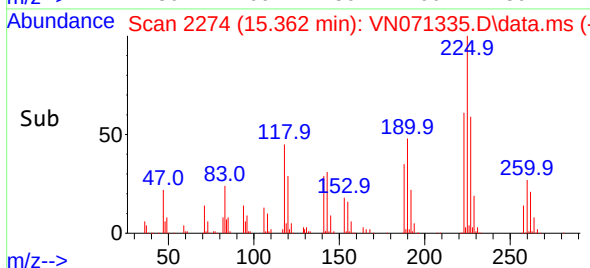
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

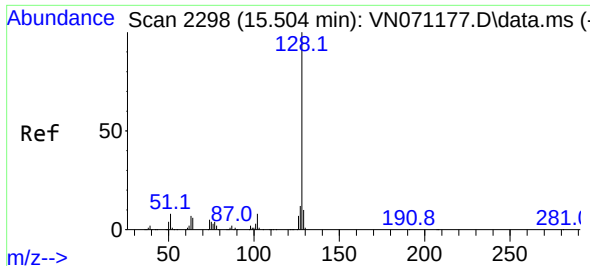


#94
Hexachlorobutadiene
Concen: 40.471 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



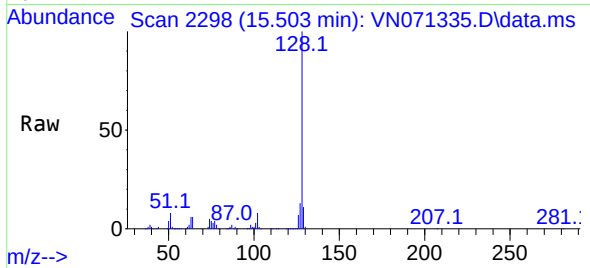
Tgt Ion:225 Resp: 171104
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 64.6 32.1 96.3





#95
Naphthalene
Concen: 50.417 ug/l
RT: 15.503 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13

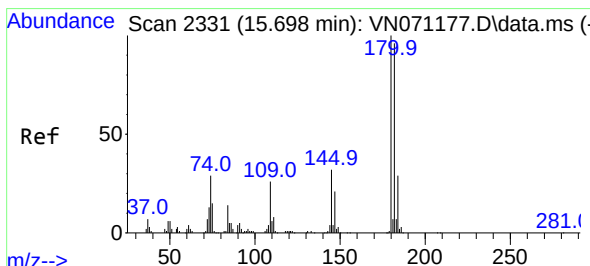
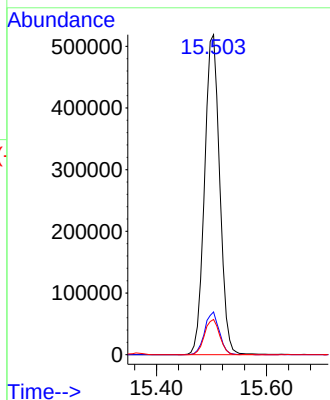
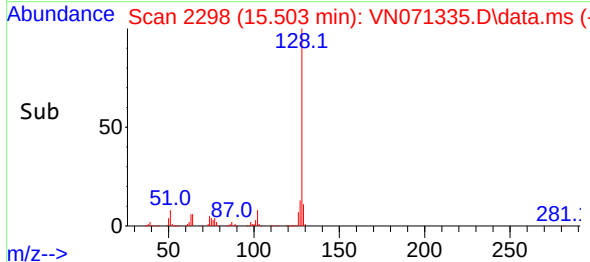
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



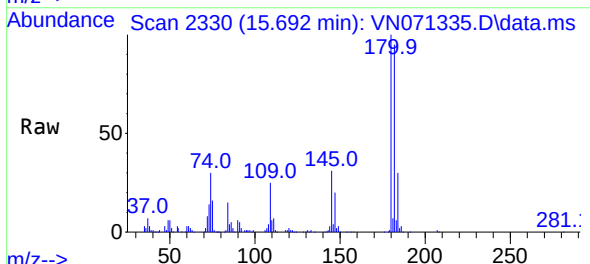
Tgt Ion:128 Resp: 99218
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.483 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071335.D
Acq: 16 Mar 2022 21:13



Tgt Ion:180 Resp: 311621
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 31.8 15.0 45.1

