

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071361.D
 Acq On : 17 Mar 2022 19:11
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Semsettin Yesilyurt 03/21/2022

Quant Time: Mar 18 07:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	100666	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	551966	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	497563	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	236505	29.592	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.633%		
60) 4-Bromofluorobenzene	12.727	95	230762	30.020	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.067%		
63) Toluene-d8	10.439	98	700931	30.623	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.067%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	146362	22.486	ug/l	95
3) Chloromethane	2.299	50	190331	21.918	ug/l	98
4) Vinyl Chloride	2.440	62	172686	21.654	ug/l	99
5) Bromomethane	2.846	94	79818	19.971	ug/l	97
6) Chloroethane	3.010	64	105779	21.796	ug/l	98
7) Trichlorofluoromethane	3.369	101	224698	22.342	ug/l	97
8) Diethyl Ether	3.822	74	94623	21.661	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	125560	22.201	ug/l #	68
10) 1,1-Dichloroethene	4.181	96	123770	21.505	ug/l	89
11) Methyl Iodide	4.422	142	113859	14.367	ug/l	89
12) Methyl Acetate	4.851	43	246512	22.380	ug/l	91
13) Acrolein	4.040	56	146132	101.189	ug/l	99
14) Acrylonitrile	5.545	53	510443	111.158	ug/l	99
15) Acetone	4.287	58	134976	111.817	ug/l	90
16) Carbon Disulfide	4.528	76	336712	21.634	ug/l	99
17) Allyl chloride	4.840	41	258335	21.781	ug/l	83
18) Methylene Chloride	5.092	84	152568	21.741	ug/l	90
19) trans-1,2-Dichloroethene	5.592	96	133887	22.134	ug/l	88
20) Diisopropyl ether	6.492	45	536954	22.494	ug/l	93
21) 1,1-Dichloroethane	6.381	63	284048	22.362	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	158044	21.556	ug/l	94
23) tert-Butyl Alcohol	5.357	59	181601	106.915	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	479408	21.825	ug/l	96
25) Chloroform	7.816	83	268005	21.969	ug/l	99
26) Cyclohexane	8.092	56	249279	21.679	ug/l #	89
29) 1,1-Dichloropropene	8.222	75	198141	22.305	ug/l	96
30) 2-Butanone	7.334	43	715340	113.730	ug/l	95
31) 2,2-Dichloropropane	7.328	77	198562	23.845	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	232726	22.467	ug/l	98
33) Carbon Tetrachloride	8.204	117	194153	22.044	ug/l	99
34) Benzene	8.457	78	615828	22.398	ug/l	97
35) Methacrylonitrile	7.633	41	143691	23.579	ug/l	90
36) 1,2-Dichloroethane	8.528	62	224052	22.818	ug/l	97
37) Trichloroethene	9.216	130	146030	22.288	ug/l	100
38) Methylcyclohexane	9.457	83	232569	21.816	ug/l	92
39) 1,2-Dichloropropane	9.486	63	163420	22.422	ug/l	99
40) Dibromomethane	9.575	93	102042	22.131	ug/l	92
41) Bromodichloromethane	9.763	83	207577	22.328	ug/l #	96
42) Vinyl Acetate	6.428	43	2319840	112.865	ug/l	98

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

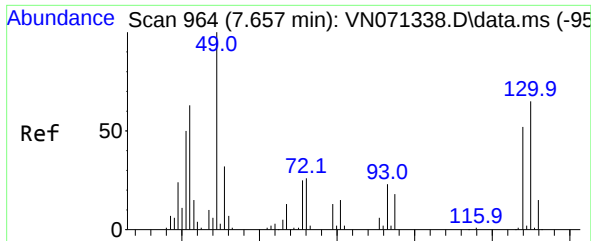
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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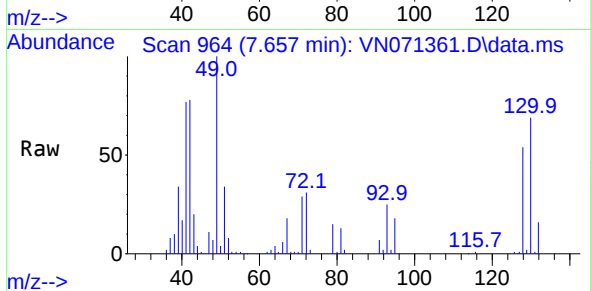
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	291010	23.791	ug/l	99
44) Isopropyl Acetate	8.557	43	452998	23.030	ug/l	95
45) 1,4-Dioxane	9.563	88	80259	458.177	ug/l	90
46) Methyl methacrylate	9.557	41	187475	21.544	ug/l	78
47) n-amyl Acetate	12.386	43	285316	21.866	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	217170	21.447	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	242009	22.105	ug/l	93
50) 1,1,2-Trichloroethane	10.898	97	150303	22.386	ug/l	98
51) Ethyl methacrylate	10.757	69	250500	21.687	ug/l	86
52) 1,3-Dichloropropane	11.039	76	270769	22.392	ug/l	100
53) Dibromochloromethane	11.233	129	152305	21.760	ug/l	99
54) 1,2-Dibromoethane	11.345	107	150950	21.682	ug/l	94
55) 2-Chloroethyl vinyl ether	10.039	63	505072	144.182	ug/l	98
56) Bromoform	12.457	173	112179	20.781	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	1410626	118.067	ug/l	97
59) 2-Hexanone	11.080	43	1038173	116.895	ug/l	99
61) Tetrachloroethene	10.974	164	127823	23.549	ug/l	92
62) Toluene	10.504	91	644980	22.672	ug/l	96
64) Chlorobenzene	11.769	112	380336	22.044	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	144243	22.534	ug/l	99
66) Ethyl Benzene	11.839	91	694441	22.151	ug/l	99
67) m/p-Xylenes	11.951	106	536190	45.513	ug/l	100
68) o-Xylene	12.274	106	264783	22.330	ug/l	99
69) Styrene	12.292	104	415412	22.234	ug/l	98
70) Isopropylbenzene	12.574	105	682164	22.745	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	240741	23.137	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	196938m	20.825	ug/l	
73) Bromobenzene	12.857	156	157637	22.447	ug/l	93
74) n-propylbenzene	12.916	91	746092	22.570	ug/l	100
75) 2-Chlorotoluene	13.004	91	474357	22.893	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	540581	22.707	ug/l	98
77) t-1,4-Dichloro-2-butene	12.621	75	67229	21.469	ug/l	94
78) 4-Chlorotoluene	13.104	91	424818	22.125	ug/l	96
79) tert-butylbenzene	13.321	119	480539	22.103	ug/l	97
80) 1,2,4-Trimethylbenzene	13.363	105	531219m	23.002	ug/l	
81) sec-Butylbenzene	13.498	105	648087	22.394	ug/l	99
82) p-Isopropyltoluene	13.610	119	519652	22.326	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	263208	22.957	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	244414	22.393	ug/l	99
85) n-Butylbenzene	13.939	91	385494	22.244	ug/l	97
86) Hexachloroethane	14.210	117	93895	21.182	ug/l	83
87) 1,2-Dichlorobenzene	13.986	146	259702	23.352	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	47716	23.879	ug/l	98
89) 1,2,4-Trichlorobenzene	15.262	180	116708	22.663	ug/l	95
90) Hexachlorobutadiene	15.368	225	71481	24.566	ug/l	99
91) Naphthalene	15.504	128	352623	21.877	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	117015	22.156	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

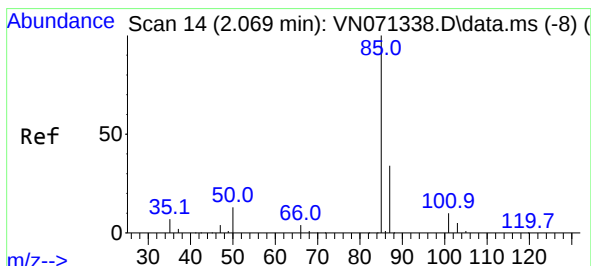
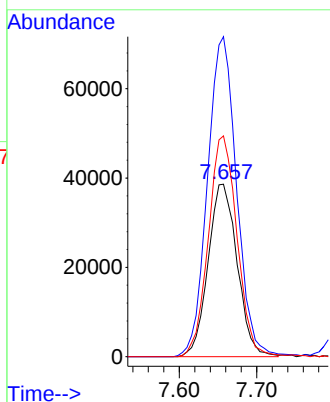
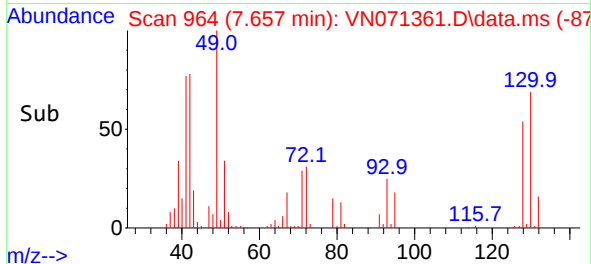
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



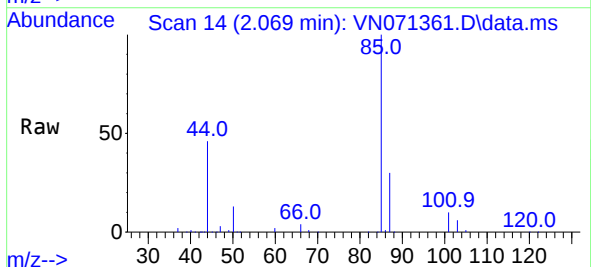
Tgt Ion:128 Resp: 100660
Ion Ratio Lower Upper
128 100
49 186.0 0.0 392.3
130 126.2 0.0 320.2

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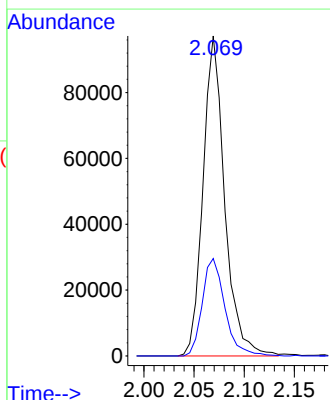
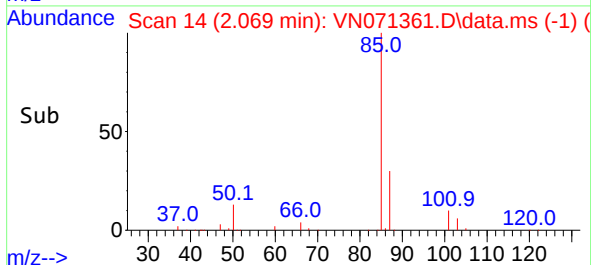
Reviewed By :John Carlone 03/18/2022
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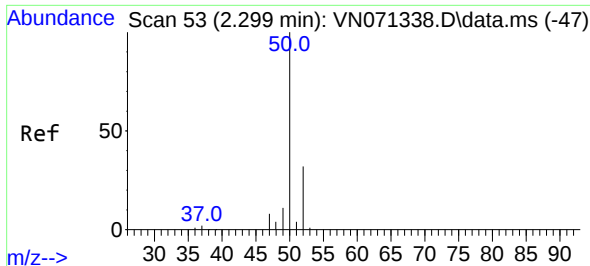


#2
Dichlorodifluoromethane
Concen: 22.486 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



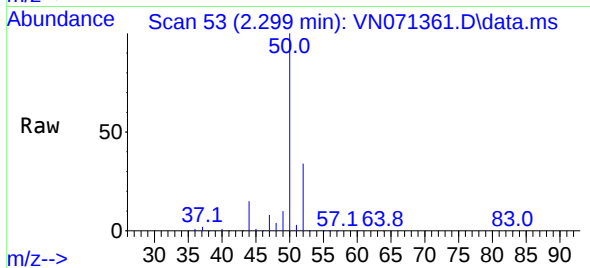
Tgt Ion: 85 Resp: 146362
Ion Ratio Lower Upper
85 100
87 30.5 16.6 49.7





#3
Chloromethane
Concen: 21.918 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

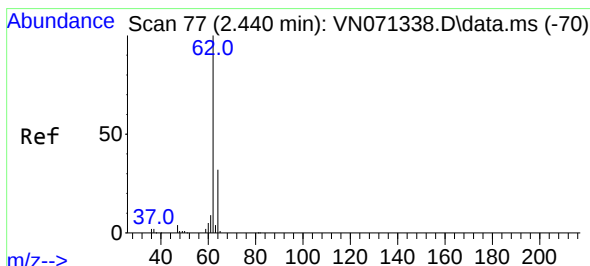
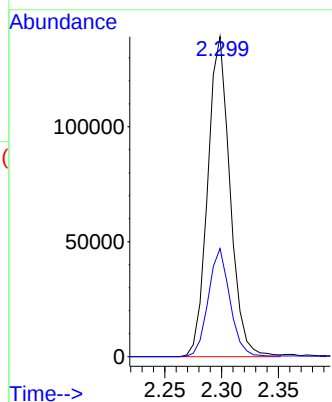
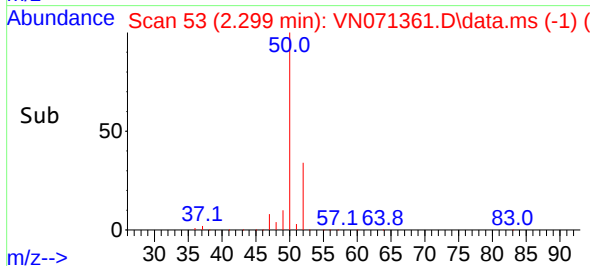
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MSVOA_N
ClientSampleId :
VSTDCCC020EC



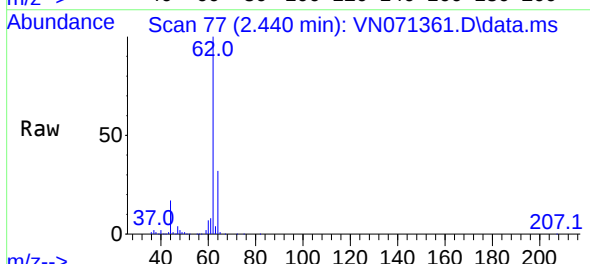
Tgt Ion: 50 Resp: 19033
Ion Ratio Lower Upper
50 100
52 33.8 27.8 41.6

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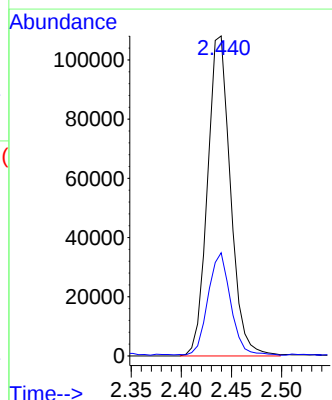
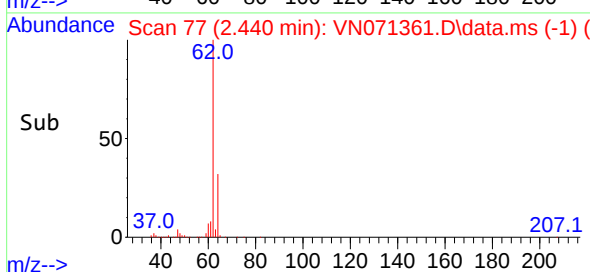
Reviewed By :John Carlone 03/18/2022
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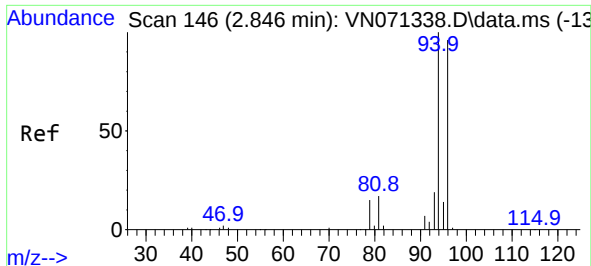


#4
Vinyl Chloride
Concen: 21.654 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 62 Resp: 172686
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





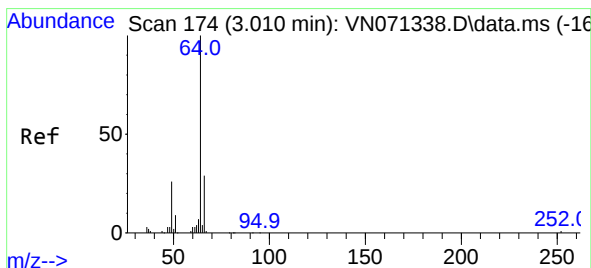
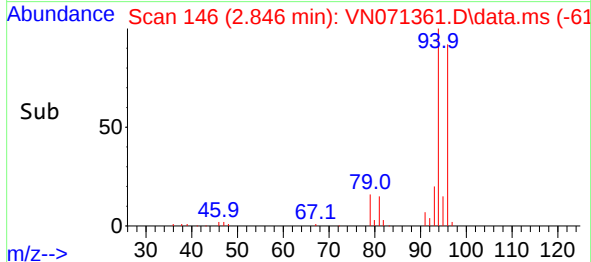
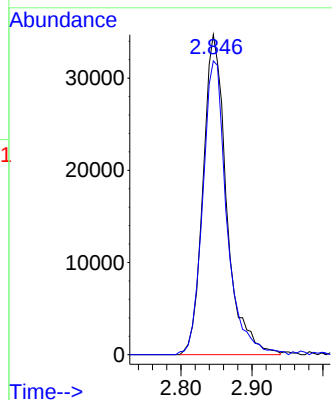
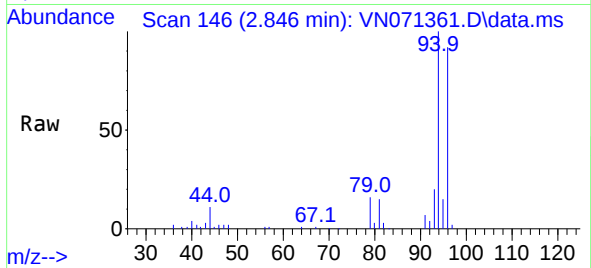
#5
Bromomethane
Concen: 19.971 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 79818
Ion Ratio Lower Upper
94 100
96 90.9 75.2 112.8

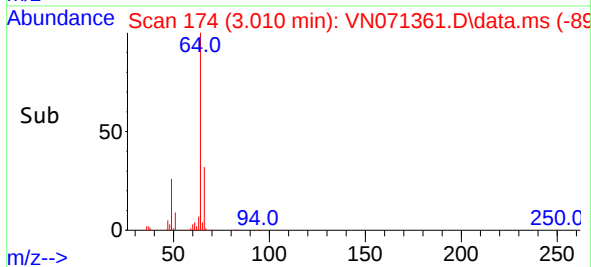
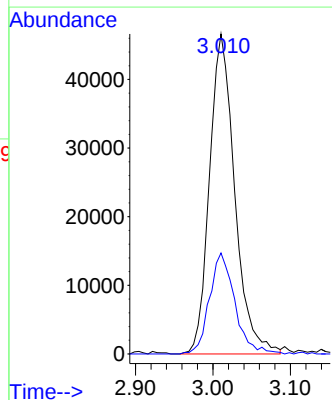
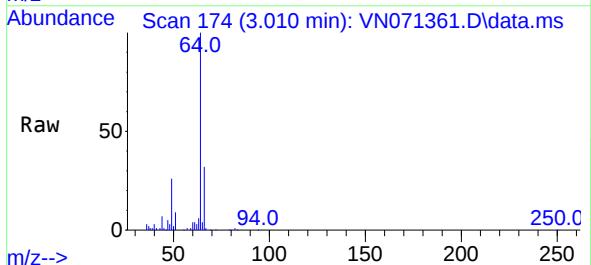
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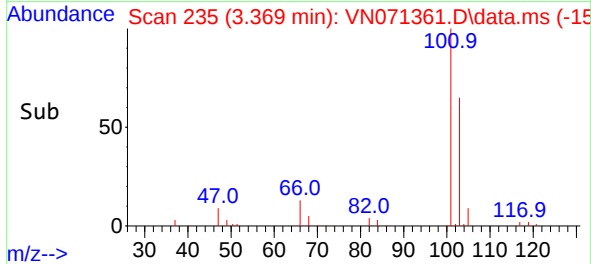
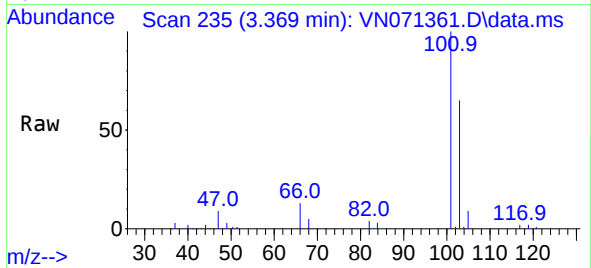
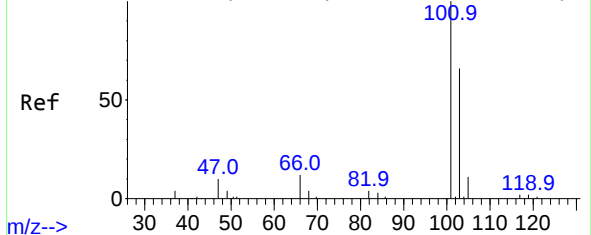


#6
Chloroethane
Concen: 21.796 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Tgt Ion: 64 Resp: 105779
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8



Abundance Scan 235 (3.369 min): VN071338.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 22.342 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071361.D

Acq: 17 Mar 2022 19:11

Tgt Ion:101 Resp: 224698

Ion Ratio Lower Upper

101 100

103 65.0 50.1 75.1

Instrument :

MSVOA_N

ClientSampleId :

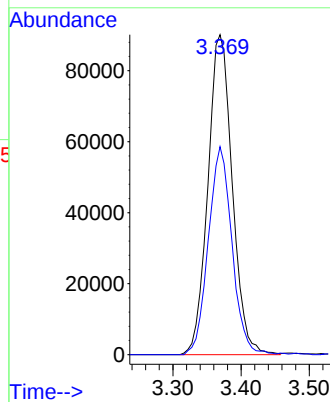
VSTDCCC020EC

Manual Integrations

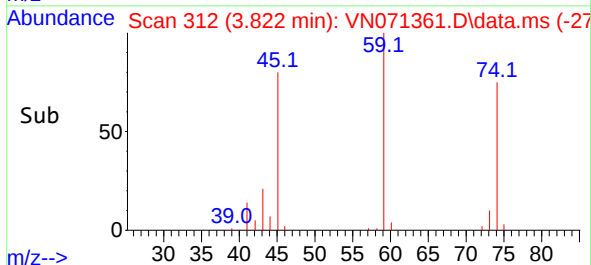
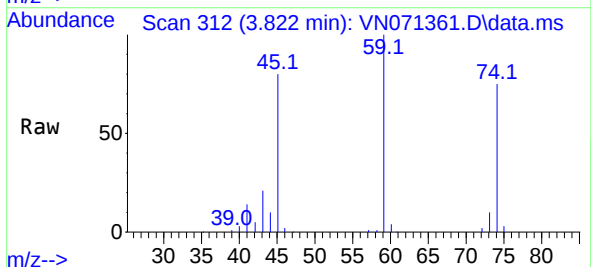
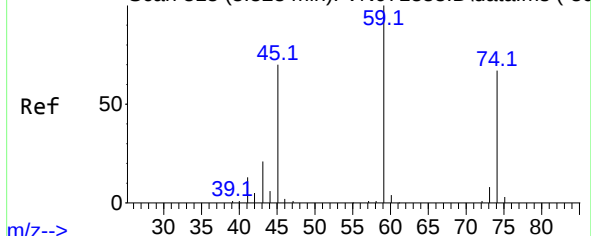
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Abundance Scan 313 (3.828 min): VN071338.D\data.ms (-30



#8

Diethyl Ether

Concen: 21.661 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071361.D

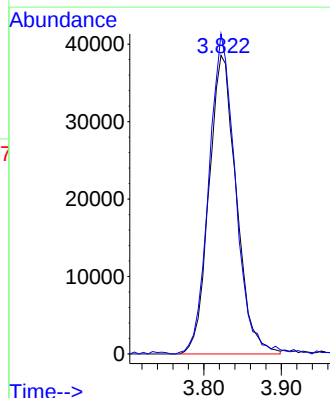
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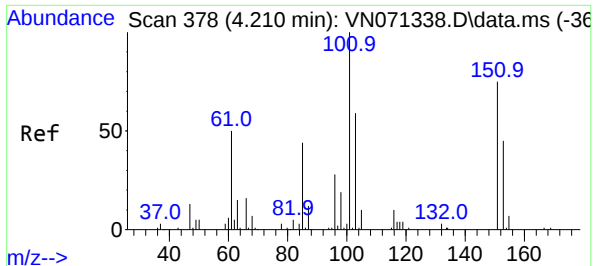
Tgt Ion: 74 Resp: 94623

Ion Ratio Lower Upper

74 100

45 104.3 17.6 158.8





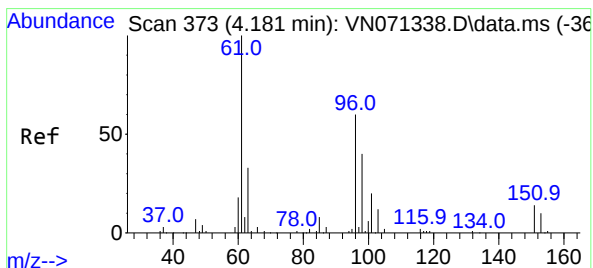
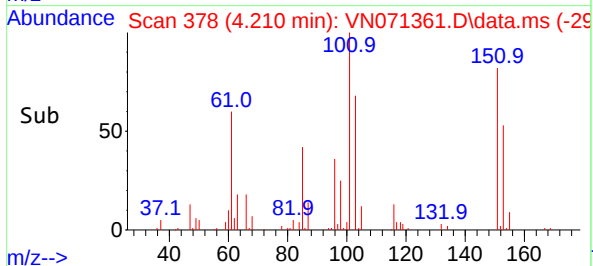
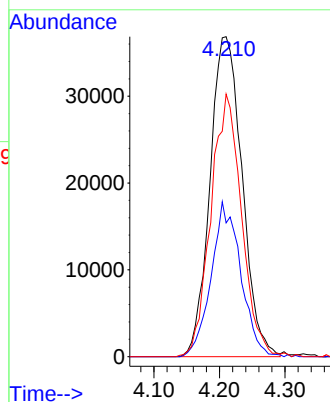
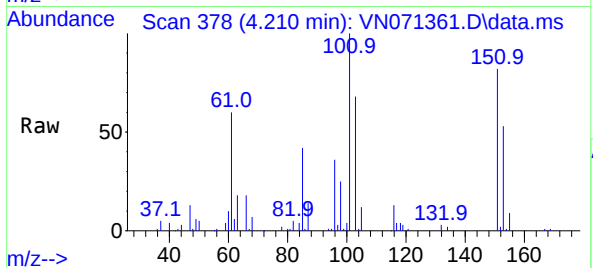
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.201 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 125560
Ion Ratio Lower Upper
101 100
85 44.3 0.0 94.0
151 78.1 0.0 74.6

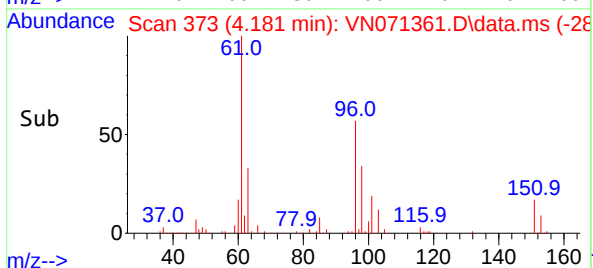
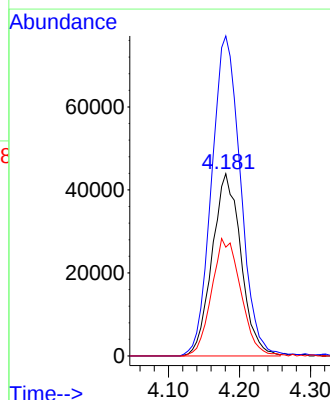
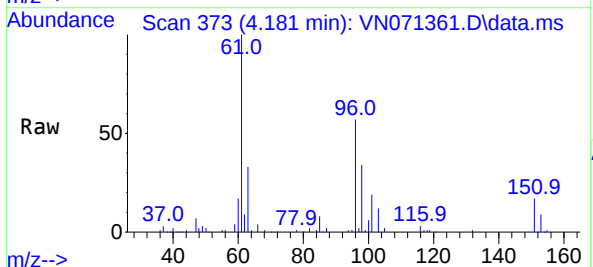
Manual Integrations
APPROVED

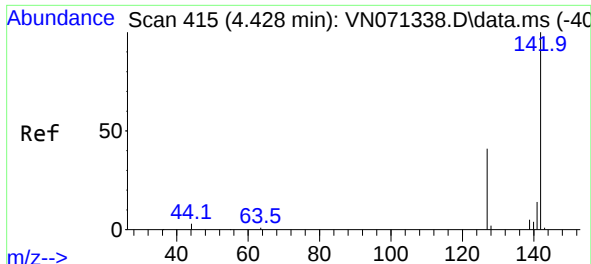
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#10
1,1-Dichloroethene
Concen: 21.505 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

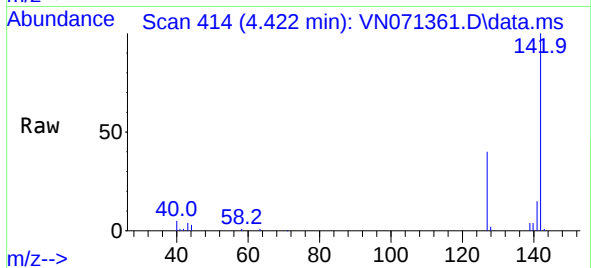
Tgt Ion: 96 Resp: 123770
Ion Ratio Lower Upper
96 100
61 175.6 126.2 189.4
98 59.7 50.9 76.3





#11
Methyl Iodide
Concen: 14.367 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

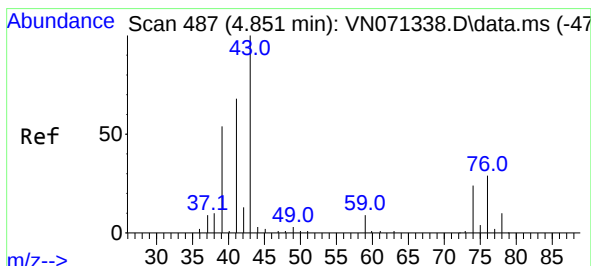
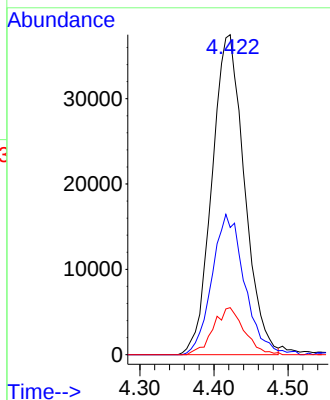
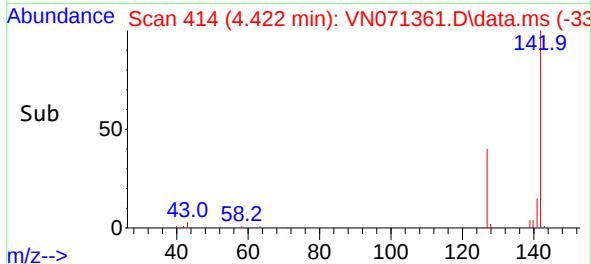
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 113859
Ion Ratio Lower Upper
142 100
127 39.5 24.0 72.0
141 14.6 8.4 25.2

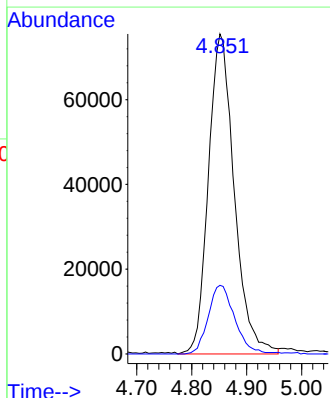
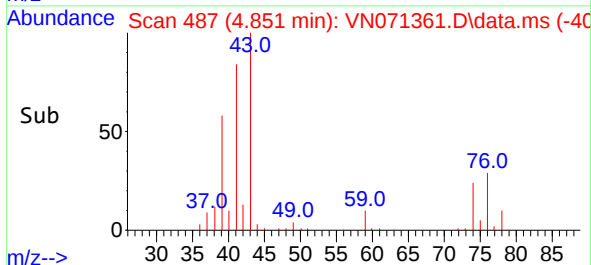
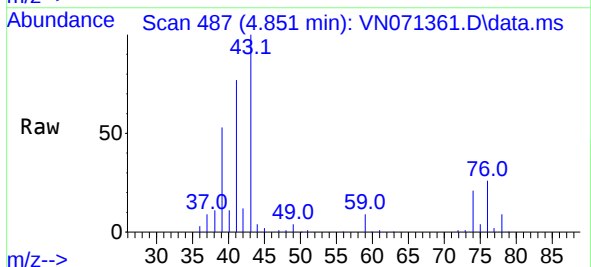
Manual Integrations
APPROVED

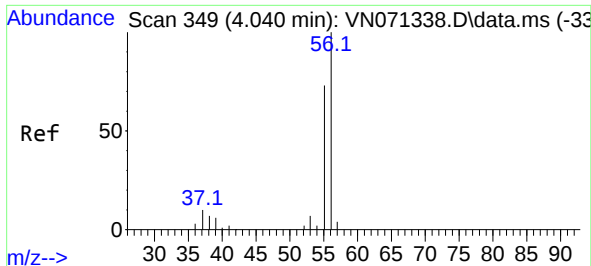
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#12
Methyl Acetate
Concen: 22.380 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

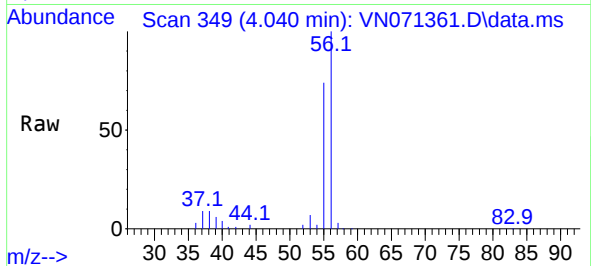
Tgt Ion: 43 Resp: 246512
Ion Ratio Lower Upper
43 100
74 21.4 20.8 31.2





#13
Acrolein
Concen: 101.189 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

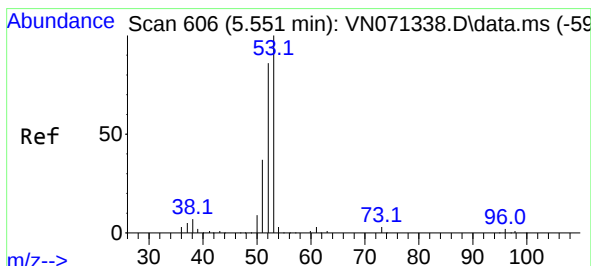
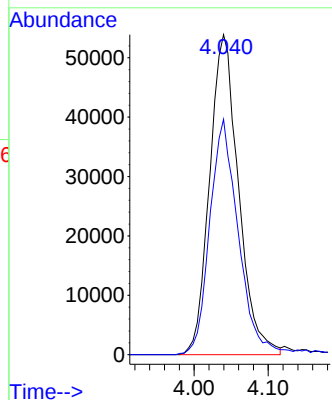
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



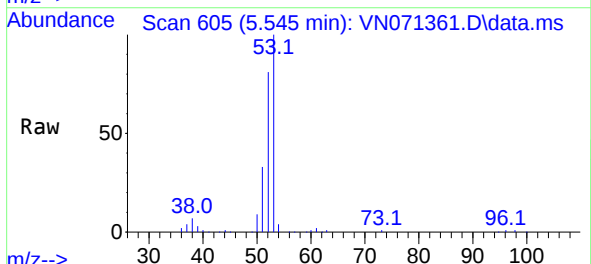
Tgt Ion: 56 Resp: 146132
Ion Ratio Lower Upper
56 100
55 72.4 57.6 86.4

Manual Integrations
APPROVED

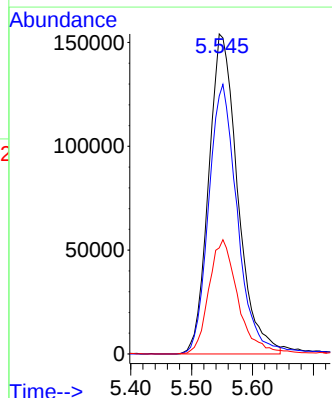
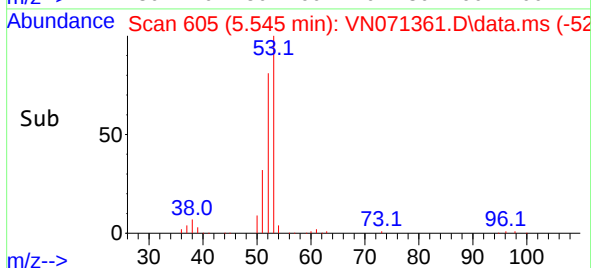
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

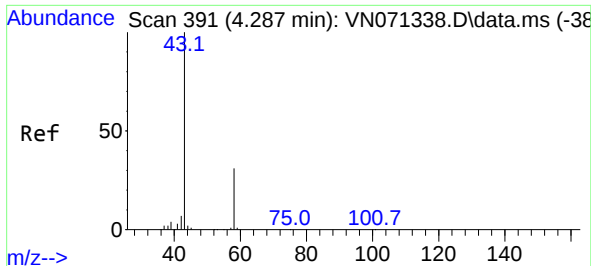


#14
Acrylonitrile
Concen: 111.158 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



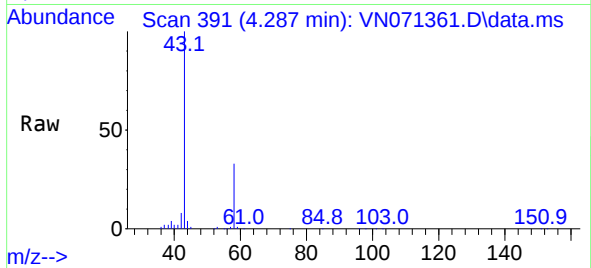
Tgt Ion: 53 Resp: 510443
Ion Ratio Lower Upper
53 100
52 83.8 41.8 125.4
51 36.0 19.0 57.0





#15
Acetone
Concen: 111.817 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

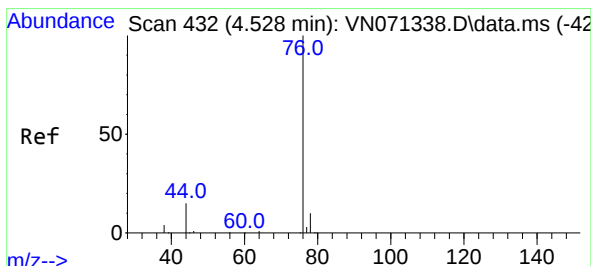
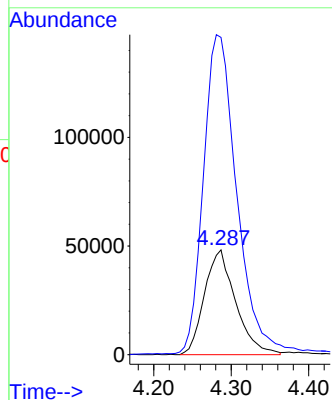
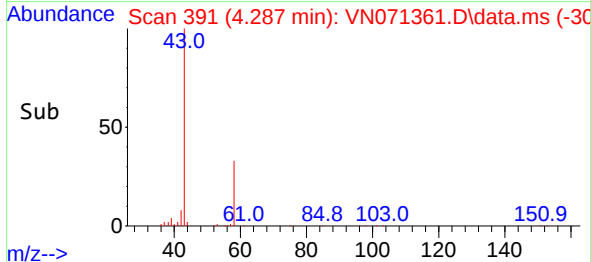
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



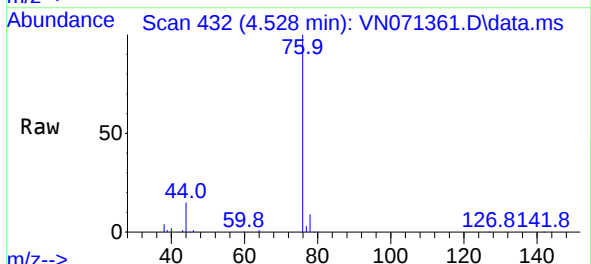
Tgt Ion: 58 Resp: 134970
Ion Ratio Lower Upper
58 100
43 300.0 256.6 384.8

Manual Integrations
APPROVED

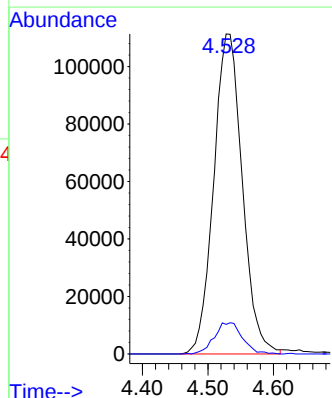
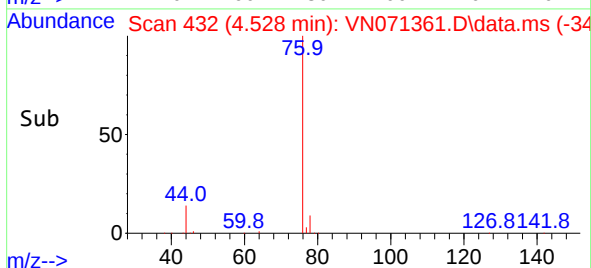
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

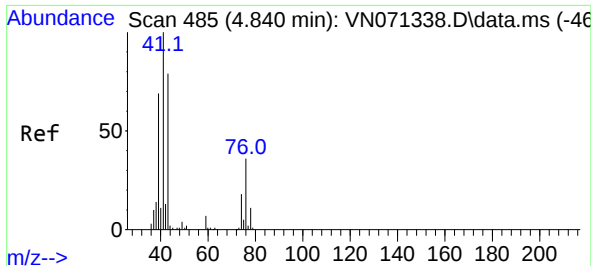


#16
Carbon Disulfide
Concen: 21.634 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



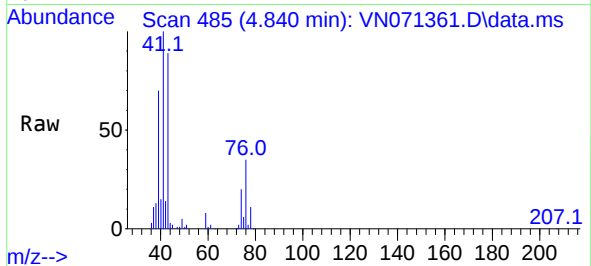
Tgt Ion: 76 Resp: 336712
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#17
Allyl chloride
Concen: 21.781 ug/l
RT: 4.840 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

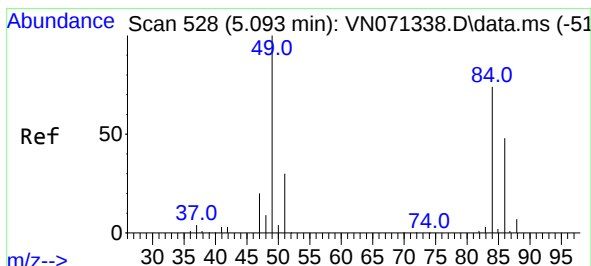
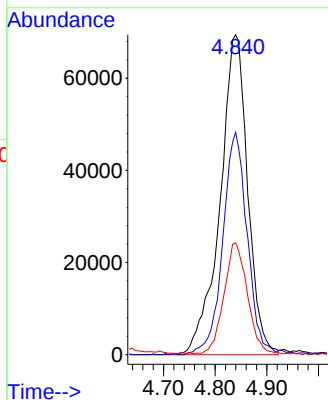
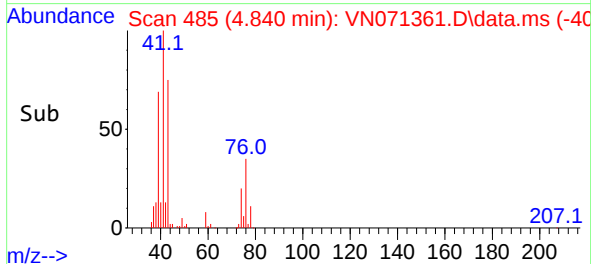
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



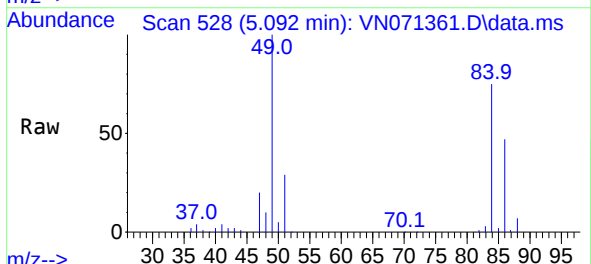
Tgt Ion: 41 Resp: 258335
Ion Ratio Lower Upper
41 100
39 69.5 44.6 134.0
76 34.6 19.6 58.7

Manual Integrations
APPROVED

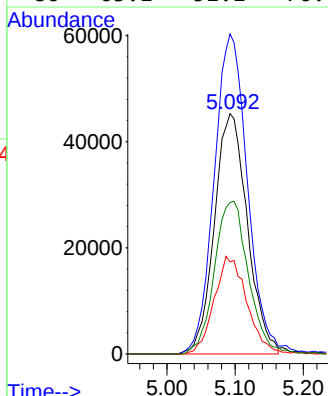
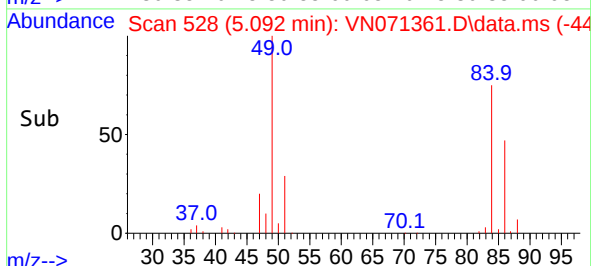
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

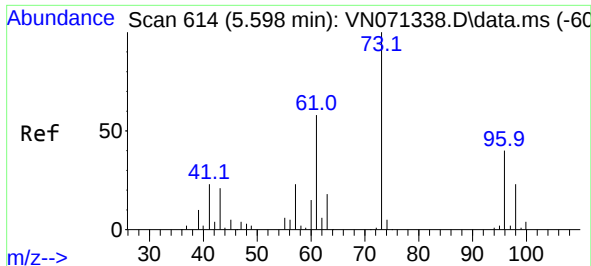


#18
Methylene Chloride
Concen: 21.741 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



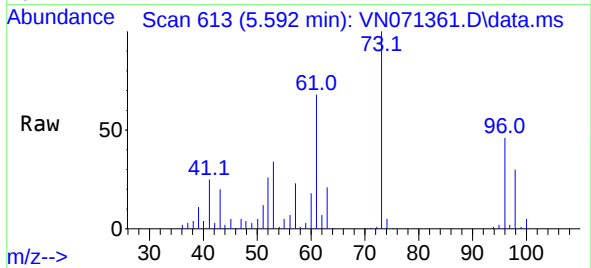
Tgt Ion: 84 Resp: 152568
Ion Ratio Lower Upper
84 100
49 133.2 91.4 137.0
51 38.4 29.4 44.0
86 63.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 22.134 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

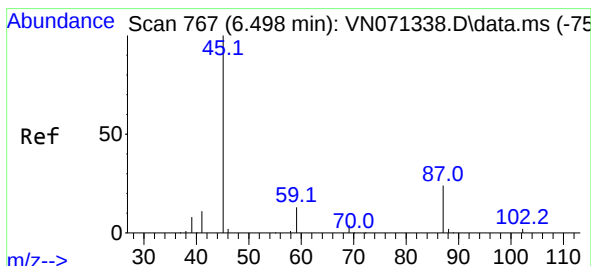
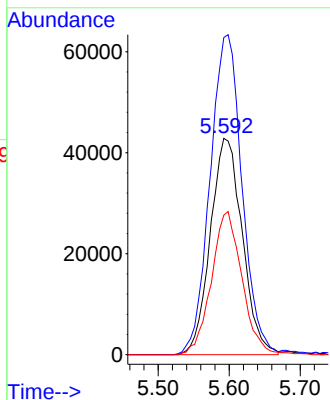
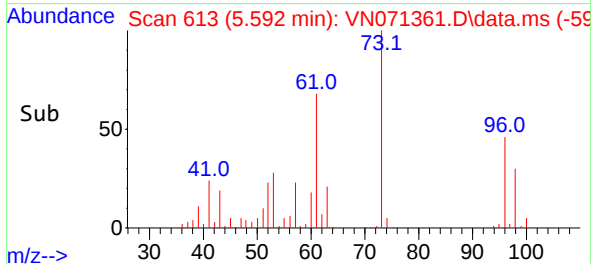
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



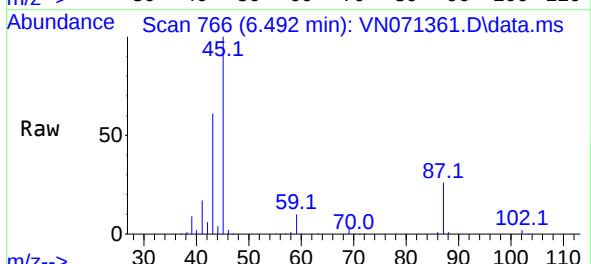
Tgt Ion: 96 Resp: 13388
Ion Ratio Lower Upper
96 100
61 146.1 102.8 154.2
98 64.5 49.3 73.9

Manual Integrations
APPROVED

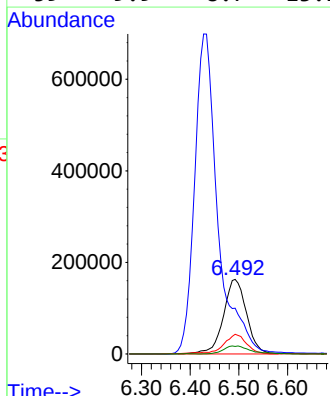
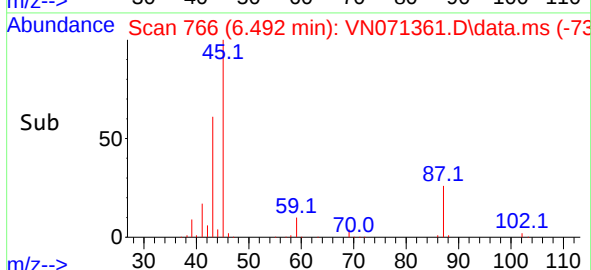
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

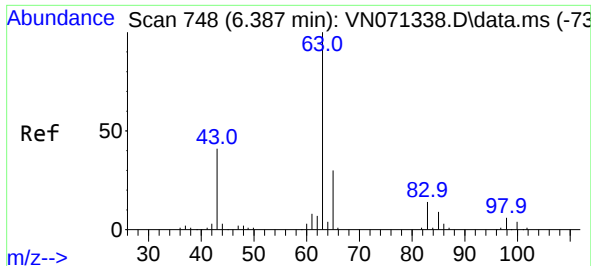


#20
Diisopropyl ether
Concen: 22.494 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 45 Resp: 536954
Ion Ratio Lower Upper
45 100
43 59.1 51.0 76.4
87 26.1 25.0 37.4
59 9.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 22.362 ug/l

RT: 6.381 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN071361.D

Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 28404

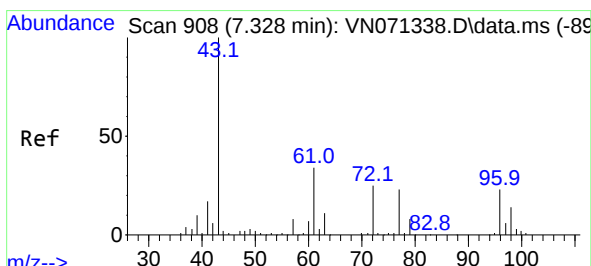
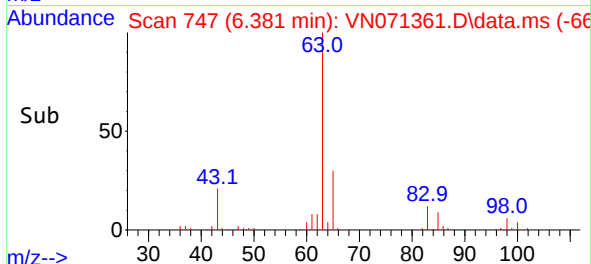
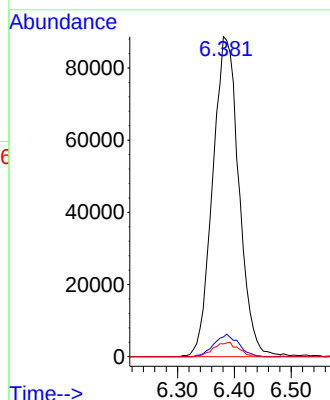
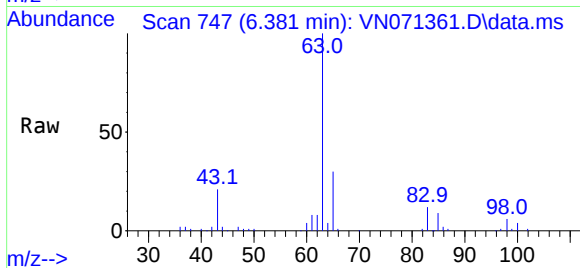
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.2	9.6
100	4.0	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Semsettin Yesilyurt 03/21/2022



#22

cis-1,2-Dichloroethene

Concen: 21.556 ug/l

RT: 7.322 min Scan# 907

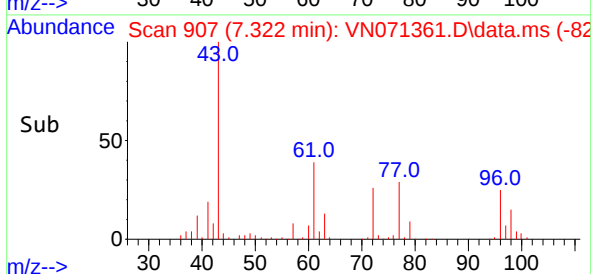
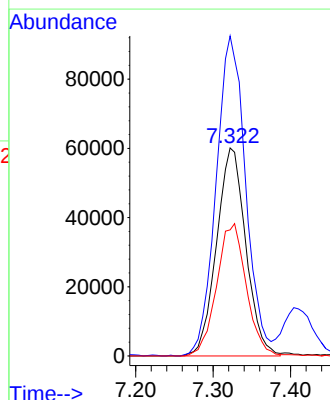
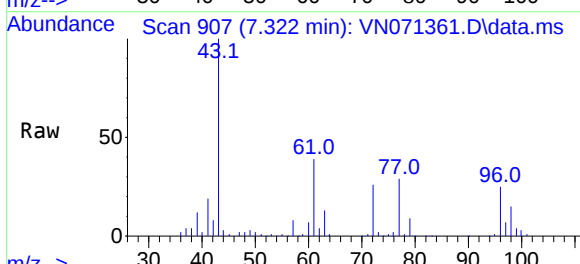
Delta R.T. -0.006 min

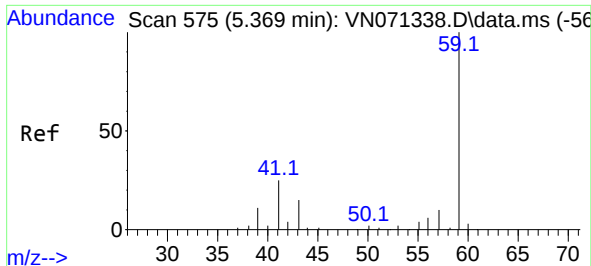
Lab File: VN071361.D

Acq: 17 Mar 2022 19:11

Tgt Ion: 96 Resp: 158044

Ion	Ratio	Lower	Upper
96	100		
61	155.1	115.7	173.5
98	64.2	51.6	77.4





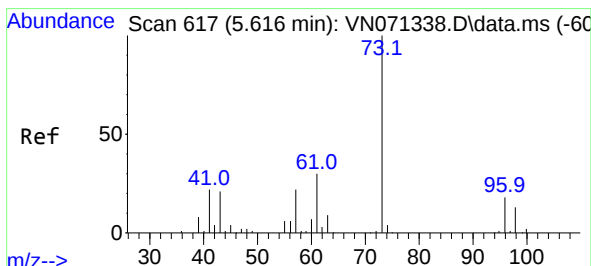
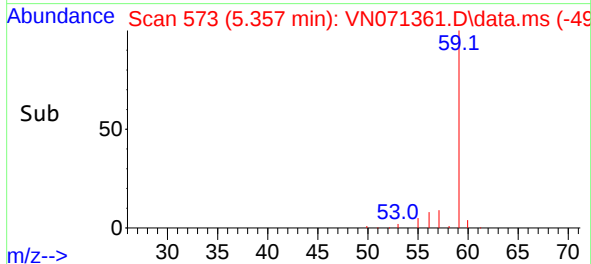
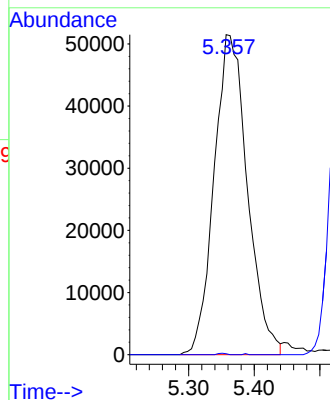
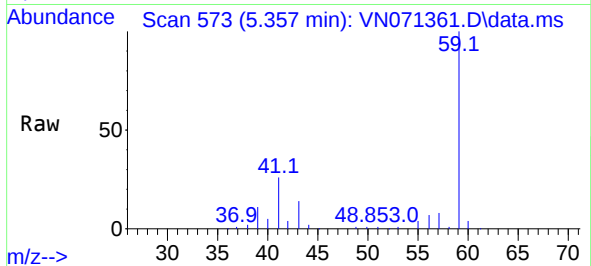
#23
tert-Butyl Alcohol
Concen: 106.915 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 18160
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

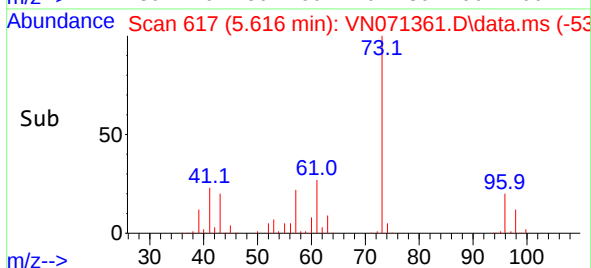
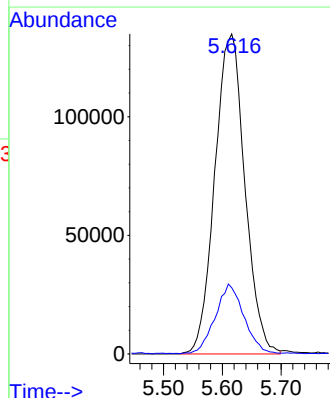
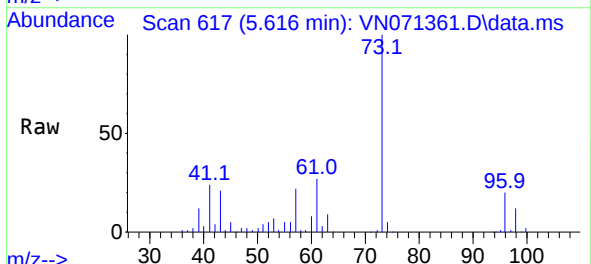
Manual Integrations
APPROVED

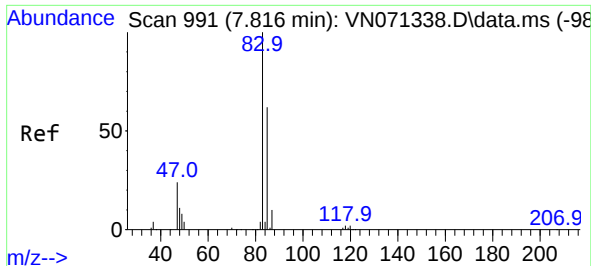
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#24
Methyl tert-Butyl Ether
Concen: 21.825 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

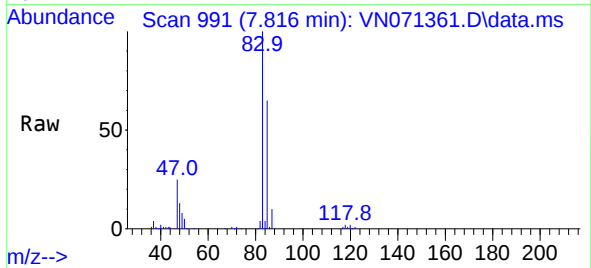
Tgt Ion: 73 Resp: 479408
Ion Ratio Lower Upper
73 100
43 20.7 18.1 27.1





#25
Chloroform
Concen: 21.969 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

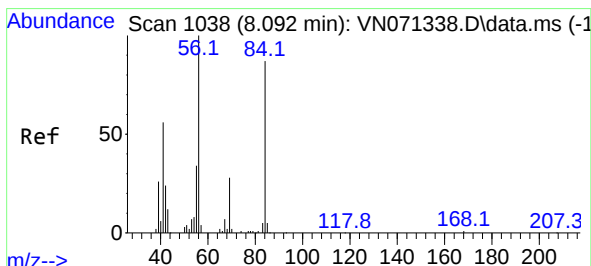
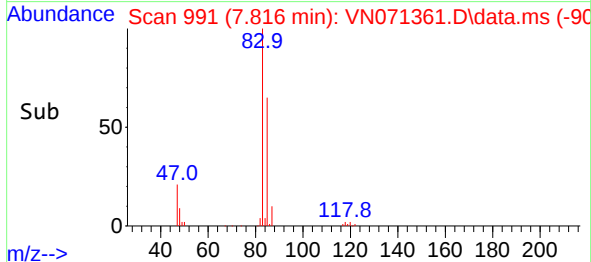
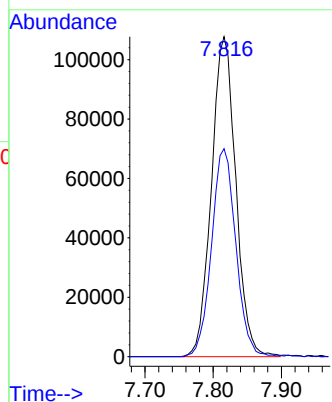
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 268000
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

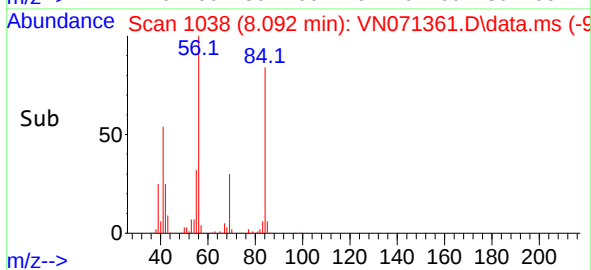
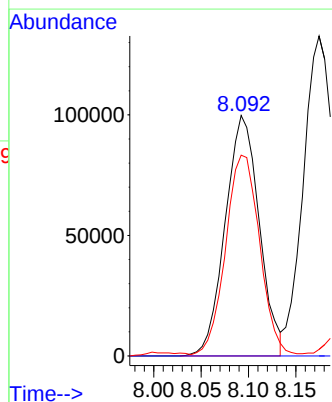
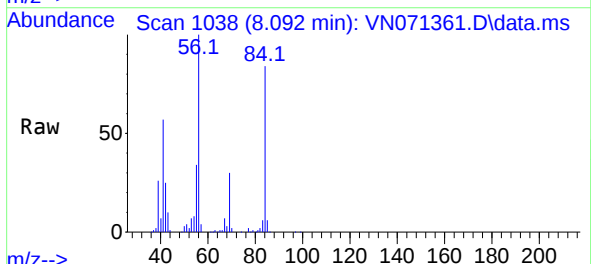
Manual Integrations
APPROVED

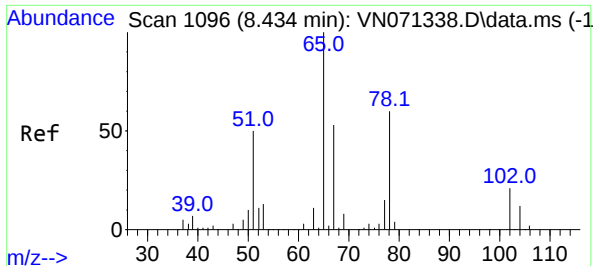
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#26
Cyclohexane
Concen: 21.679 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

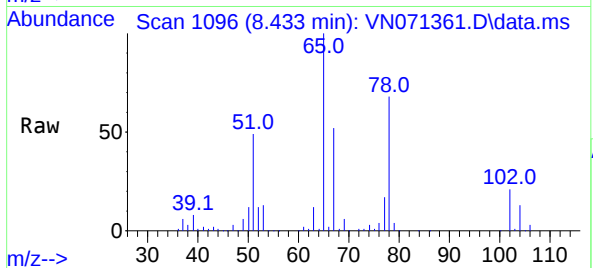
Tgt Ion: 56 Resp: 249279
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 82.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.592 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

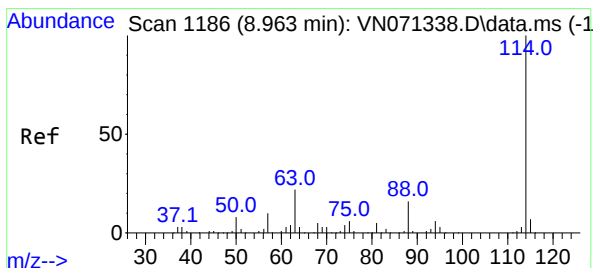
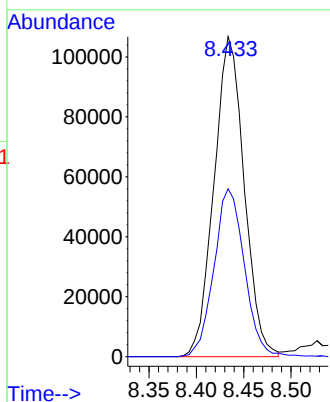
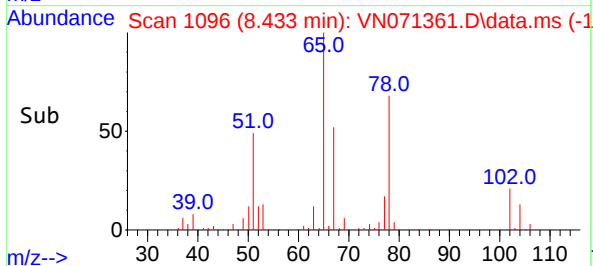
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



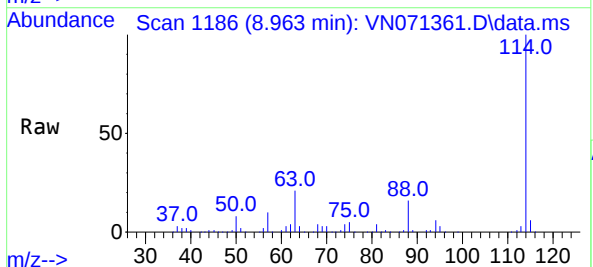
Tgt Ion: 65 Resp: 23650
Ion Ratio Lower Upper
65 100
67 53.0 40.2 60.2

Manual Integrations
APPROVED

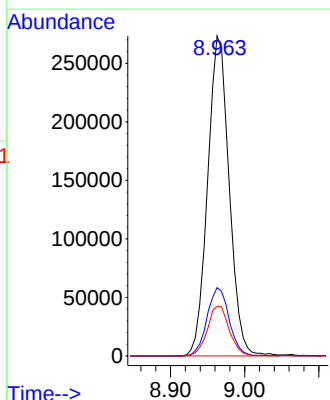
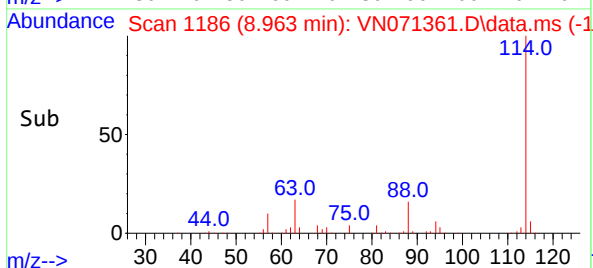
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

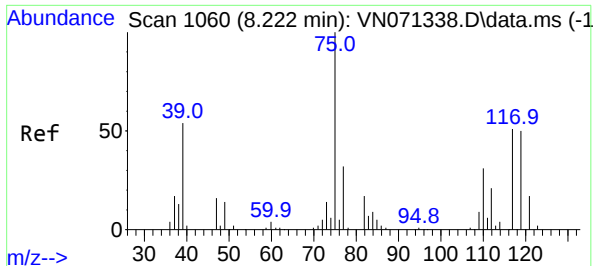


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion:114 Resp: 551966
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 15.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 22.305 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

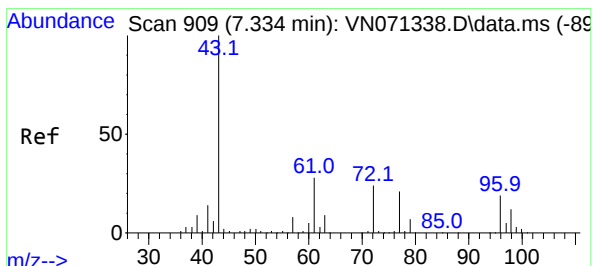
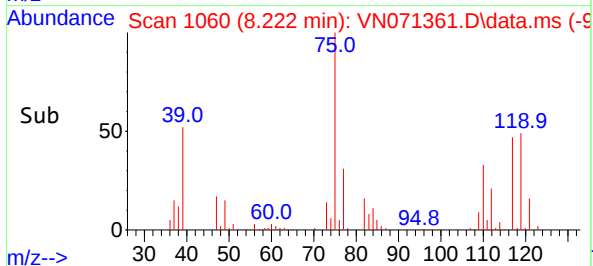
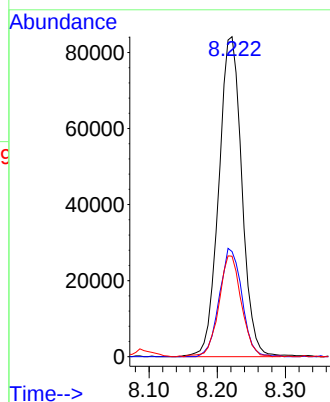
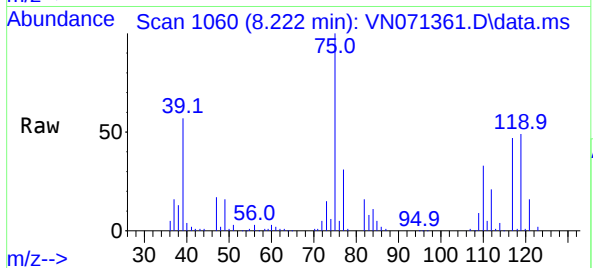
Tgt Ion: 75 Resp: 19814
Ion Ratio Lower Upper
75 100
110 33.1 0.0 74.2
77 30.7 0.0 63.2

Manual Integrations

APPROVED

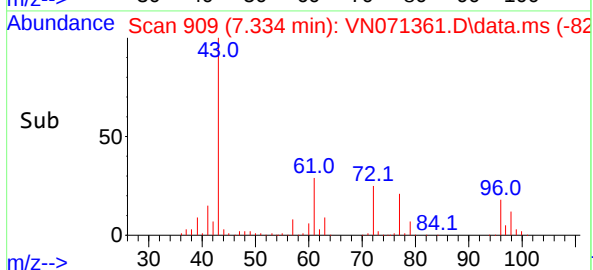
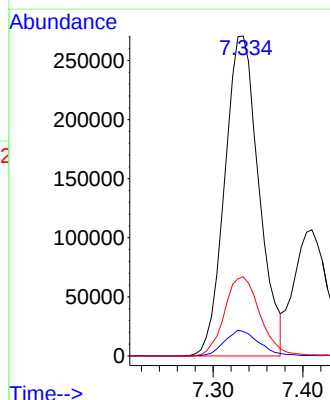
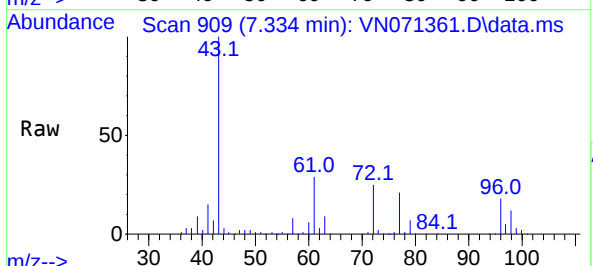
Reviewed By :John Carlone 03/18/2022

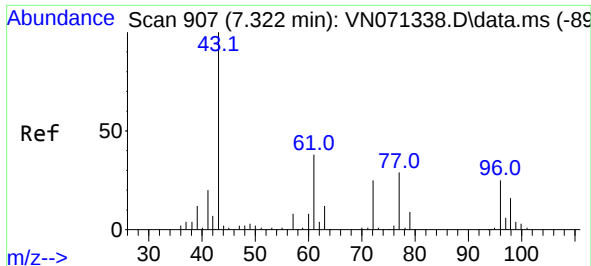
Supervised By :Semsettin Yesilyurt 03/21/2022



#30
2-Butanone
Concen: 113.730 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Tgt Ion: 43 Resp: 715340
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 25.8 23.2 34.8





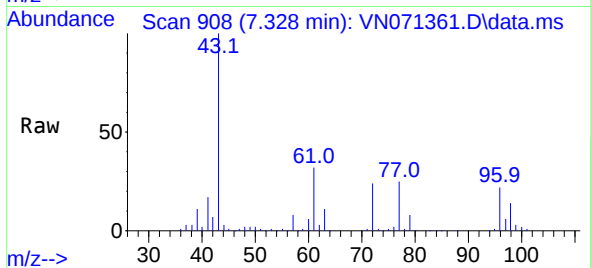
#31
2,2-Dichloropropane
Concen: 23.845 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

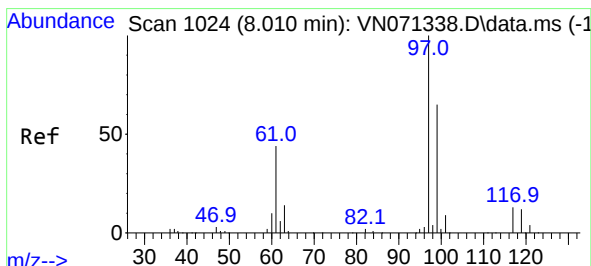
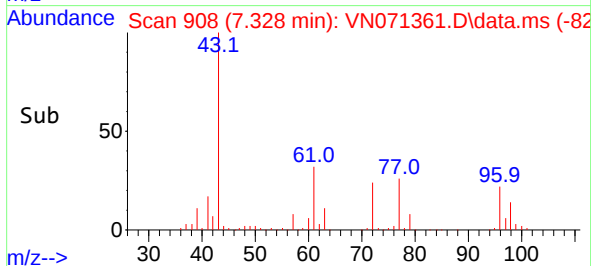
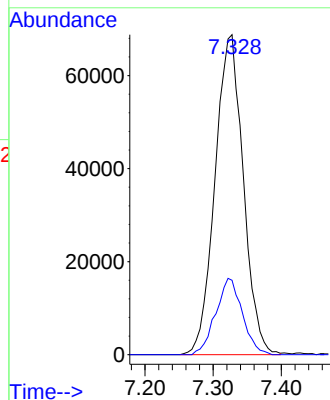


Tgt Ion: 77 Resp: 198562
Ion Ratio Lower Upper
77 100
97 22.4 18.3 27.5

Manual Integrations

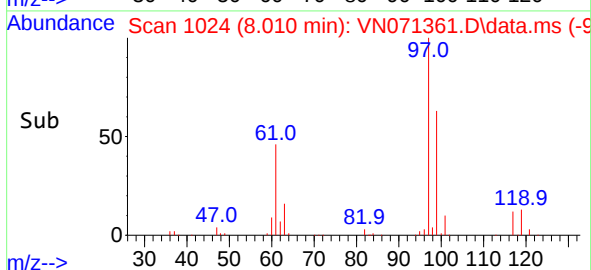
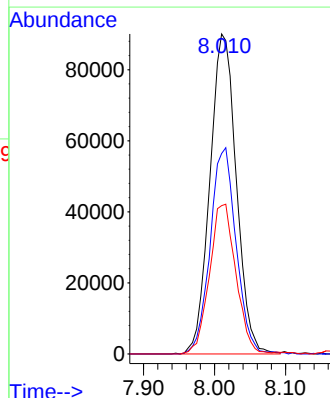
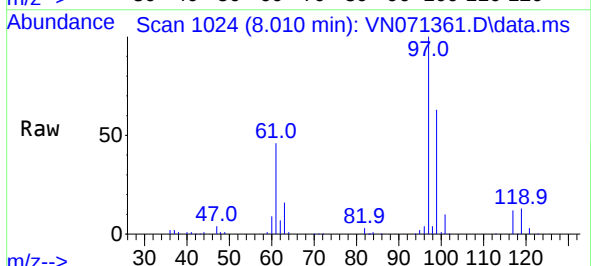
APPROVED

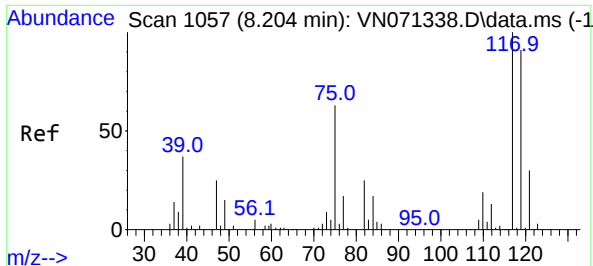
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 22.467 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

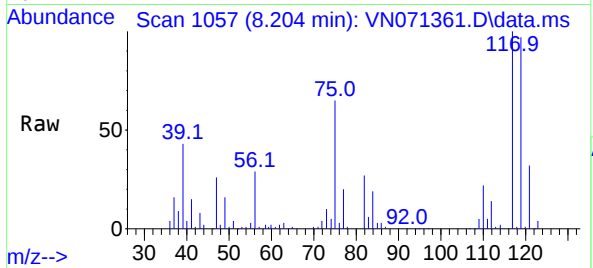
Tgt Ion: 97 Resp: 232726
Ion Ratio Lower Upper
97 100
99 63.1 50.4 75.6
61 46.8 34.6 51.8





#33
Carbon Tetrachloride
Concen: 22.044 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

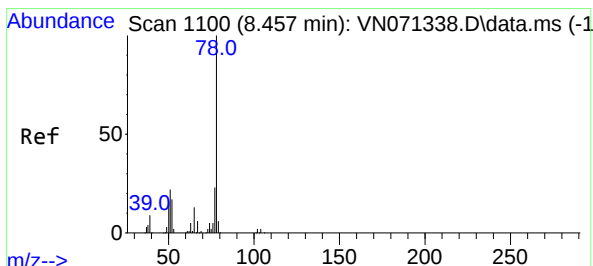
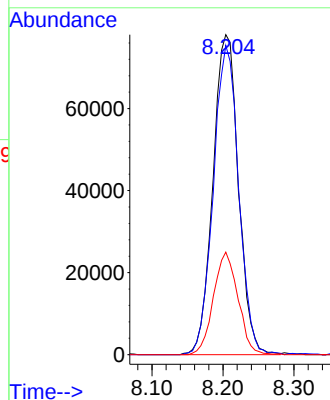
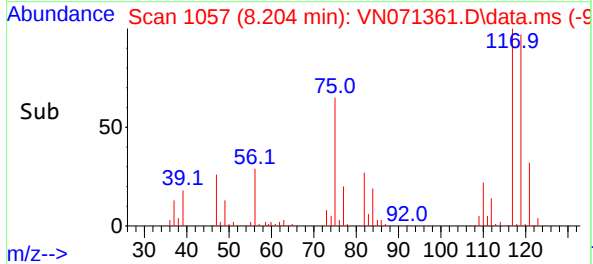
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



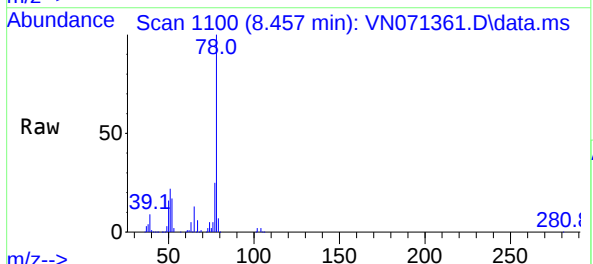
Tgt Ion:117 Resp: 19415
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
121 32.0 23.5 35.3

Manual Integrations
APPROVED

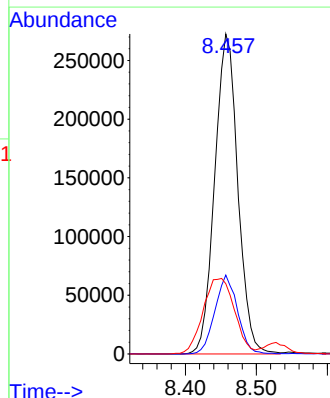
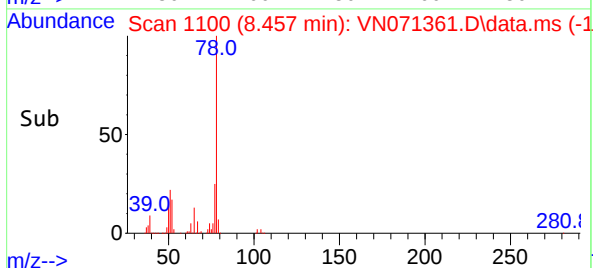
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

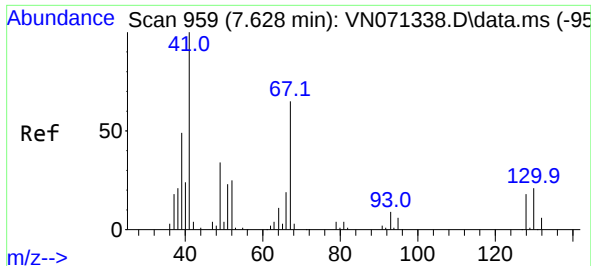


#34
Benzene
Concen: 22.398 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



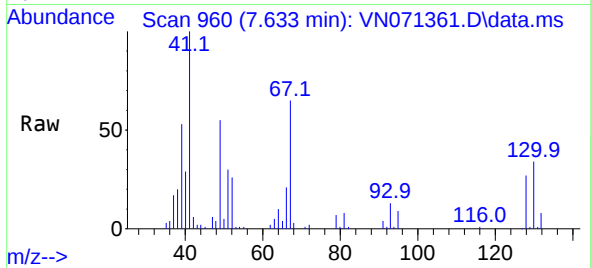
Tgt Ion: 78 Resp: 615828
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 21.7 16.0 24.0





#35
Methacrylonitrile
Concen: 23.579 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

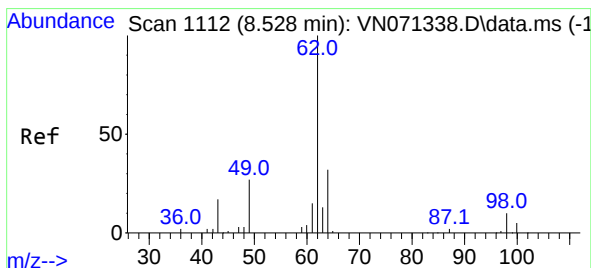
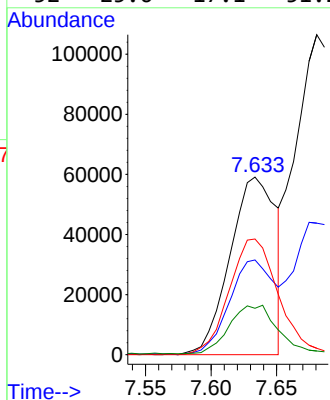
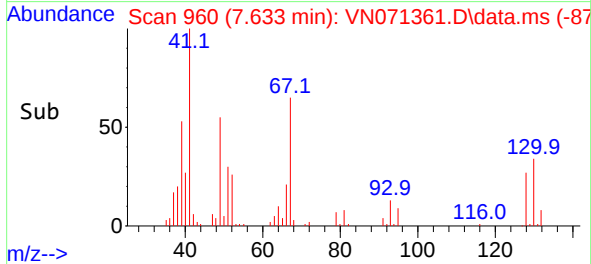
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 14369
Ion Ratio Lower Upper
41 100
39 53.4 28.0 83.9
67 65.1 37.7 113.1
52 25.6 17.1 51.2

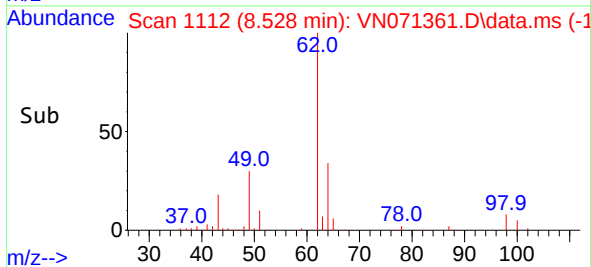
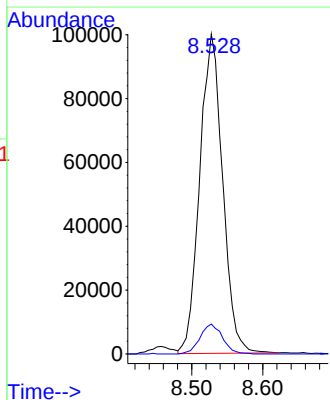
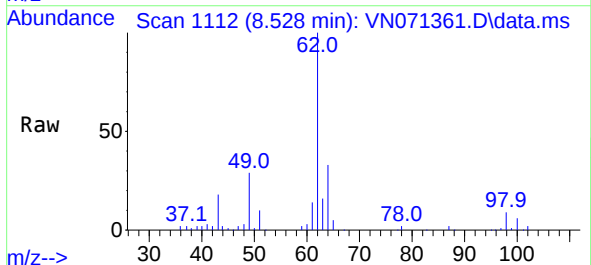
Manual Integrations
APPROVED

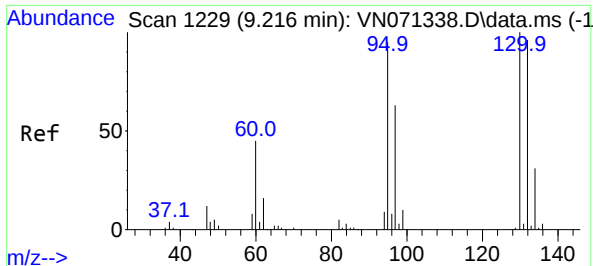
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#36
1,2-Dichloroethane
Concen: 22.818 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Tgt Ion: 62 Resp: 224052
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0





#37
Trichloroethene
Concen: 22.288 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

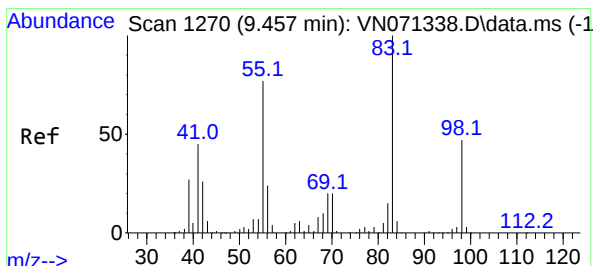
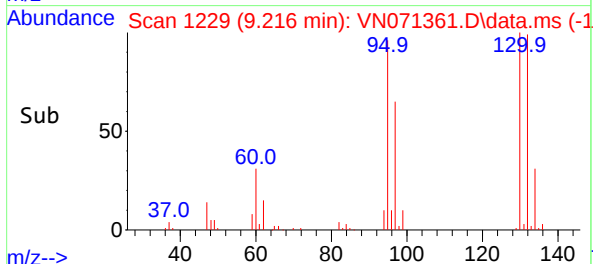
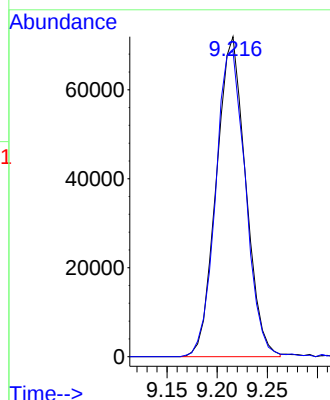
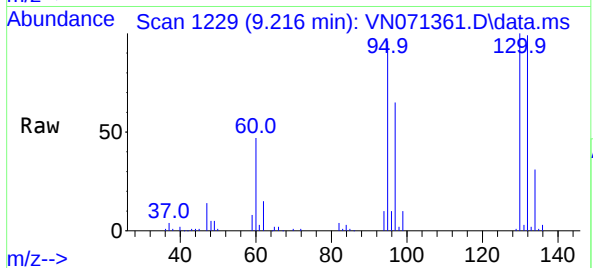
VSTDCCC020EC

Tgt Ion:130 Resp: 146030
Ion Ratio Lower Upper
130 100
95 95.5 76.6 115.0

Manual Integrations

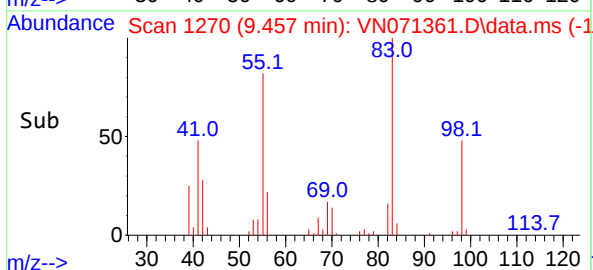
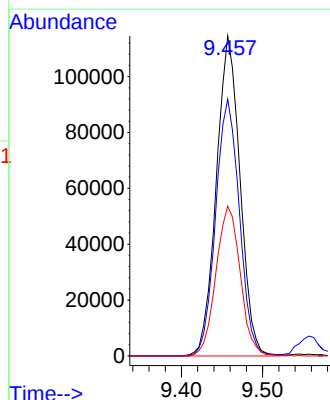
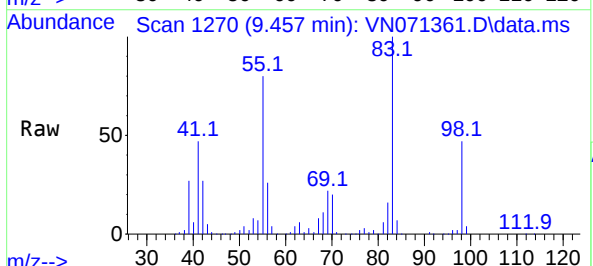
APPROVED

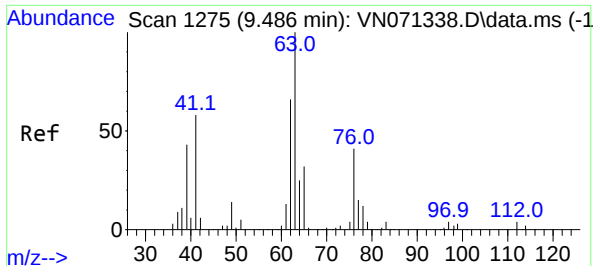
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#38
Methylcyclohexane
Concen: 21.816 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Tgt Ion: 83 Resp: 232569
Ion Ratio Lower Upper
83 100
55 80.5 35.1 105.3
98 47.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 22.422 ug/l

RT: 9.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071361.D

Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 163420

Ion Ratio Lower Upper

63 100

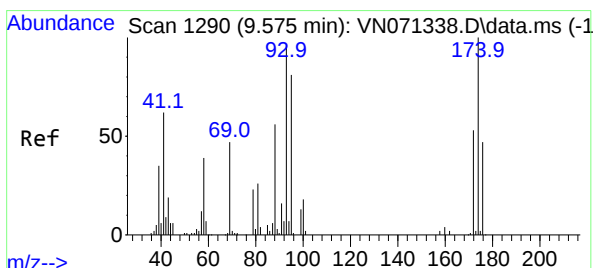
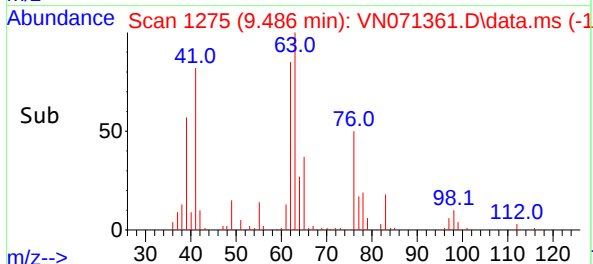
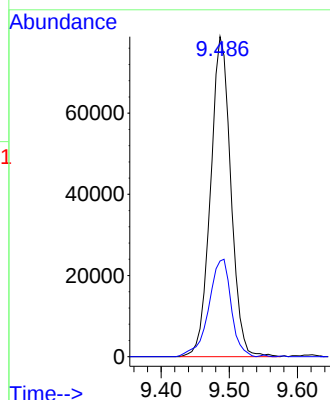
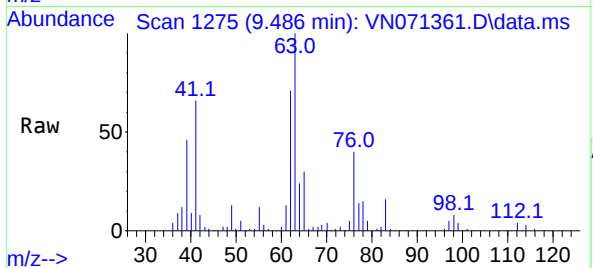
65 29.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Semsettin Yesilyurt 03/21/2022



#40

Dibromomethane

Concen: 22.131 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071361.D

Acq: 17 Mar 2022 19:11

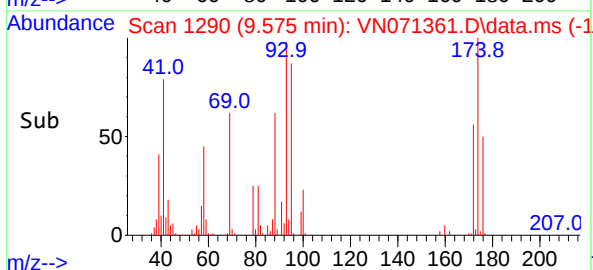
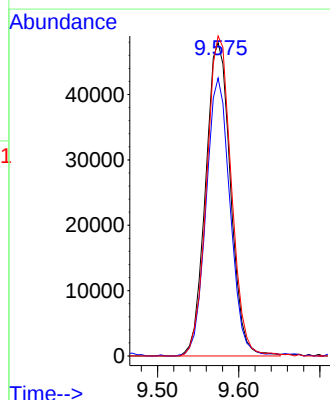
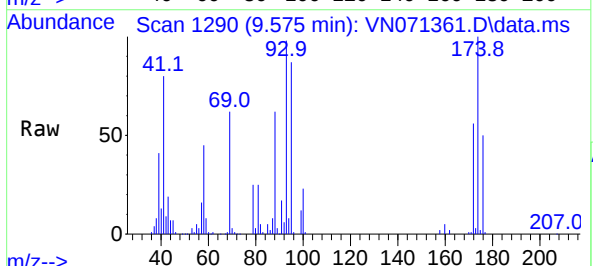
Tgt Ion: 93 Resp: 102042

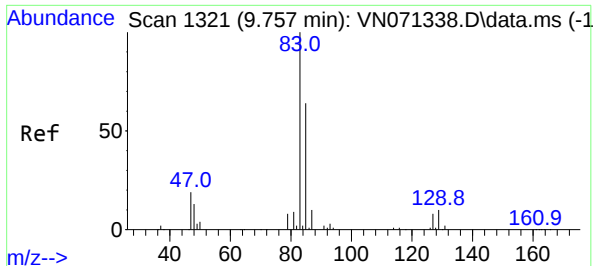
Ion Ratio Lower Upper

93 100

95 85.4 0.0 168.8

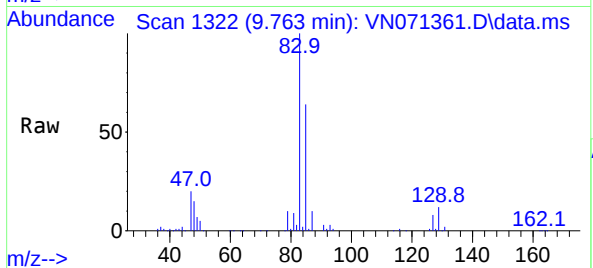
174 101.2 0.0 173.6





#41
Bromodichloromethane
Concen: 22.328 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

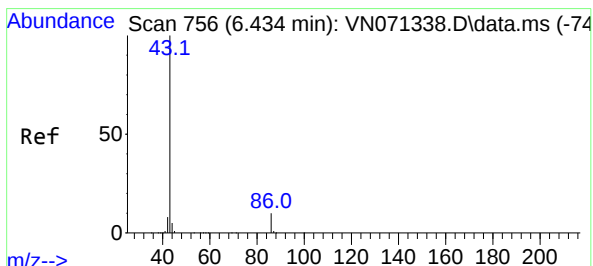
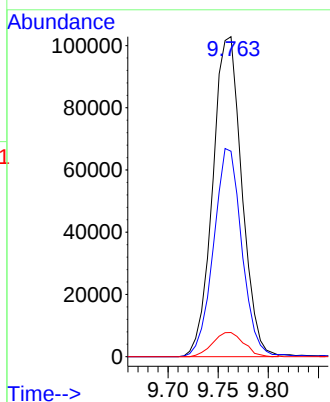
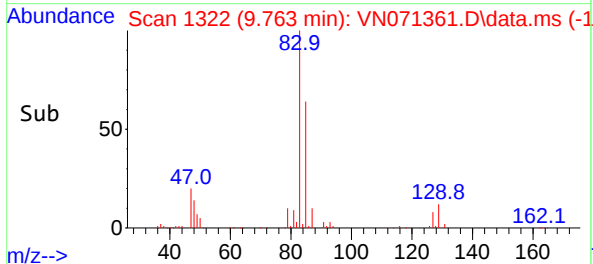
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 20757
Ion Ratio Lower Upper
83 100
85 64.2 54.1 81.1
127 7.5 7.6 11.4

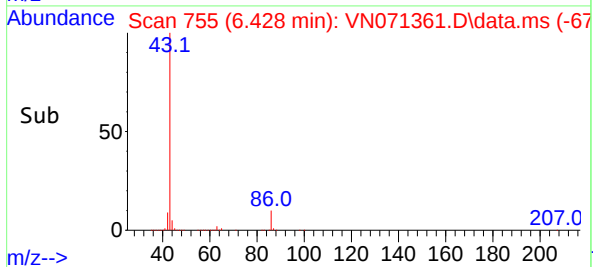
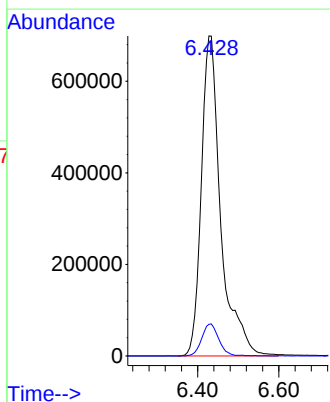
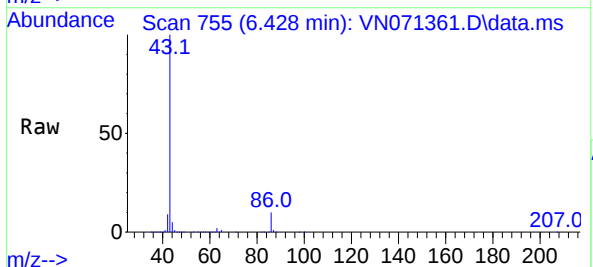
Manual Integrations
APPROVED

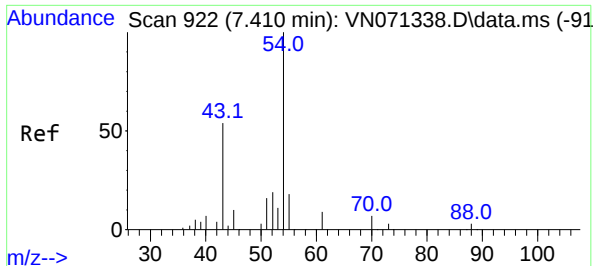
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#42
Vinyl Acetate
Concen: 112.865 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

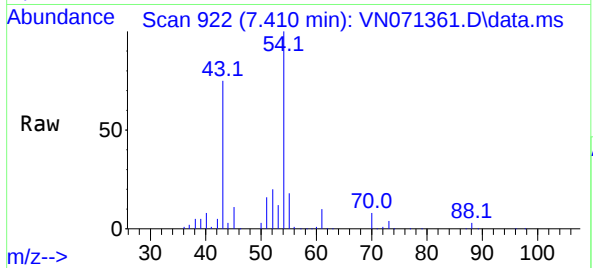
Tgt Ion: 43 Resp: 2319840
Ion Ratio Lower Upper
43 100
86 8.7 7.5 11.3





#43
Ethyl Acetate
Concen: 23.791 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

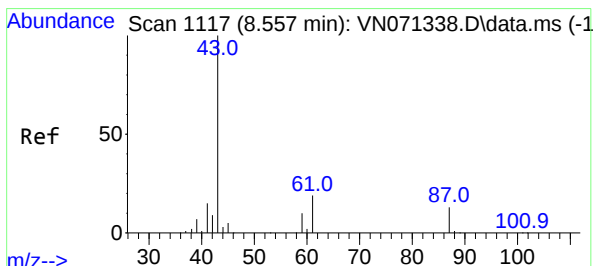
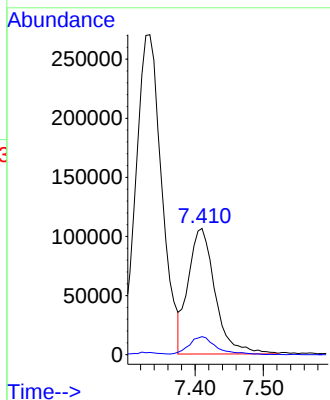
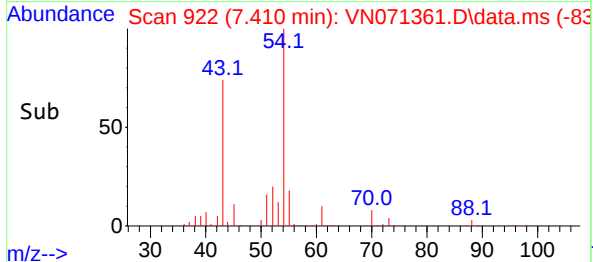
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



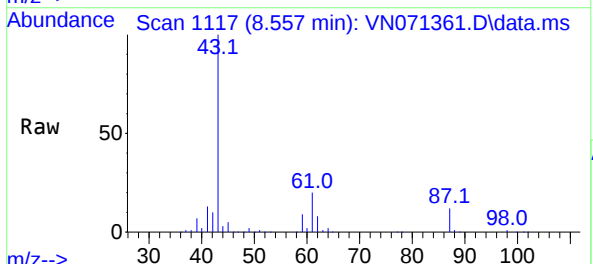
Tgt Ion: 43 Resp: 291010
Ion Ratio Lower Upper
43 100
45 12.7 10.6 16.0

Manual Integrations
APPROVED

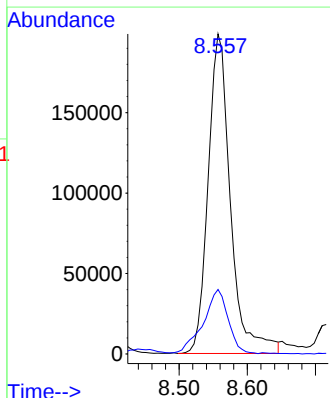
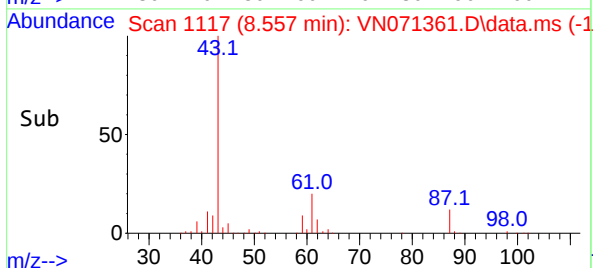
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

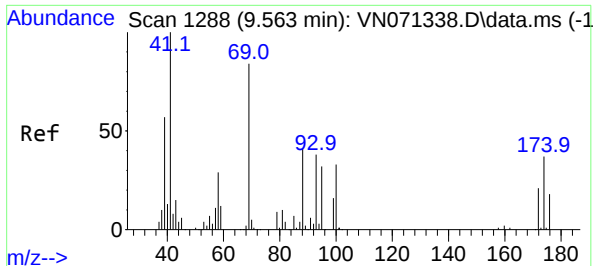


#44
Isopropyl Acetate
Concen: 23.030 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



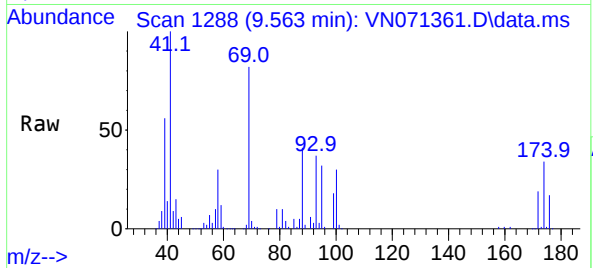
Tgt Ion: 43 Resp: 452998
Ion Ratio Lower Upper
43 100
61 22.4 20.1 30.1





#45
1,4-Dioxane
Concen: 458.177 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

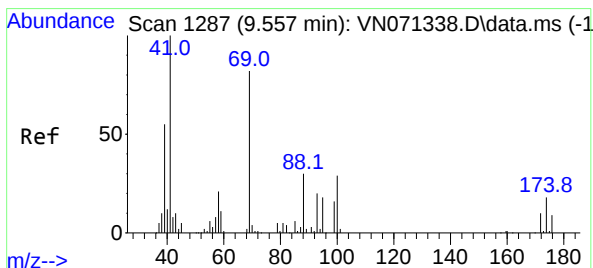
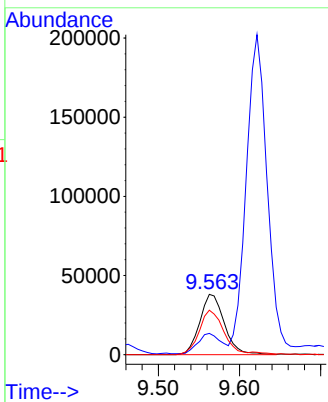
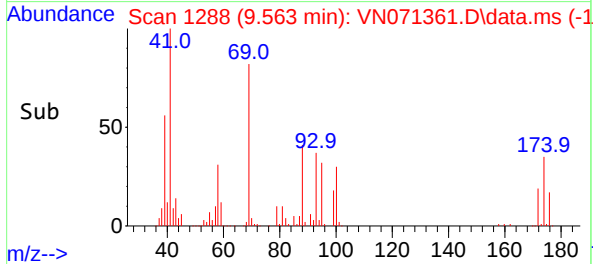
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



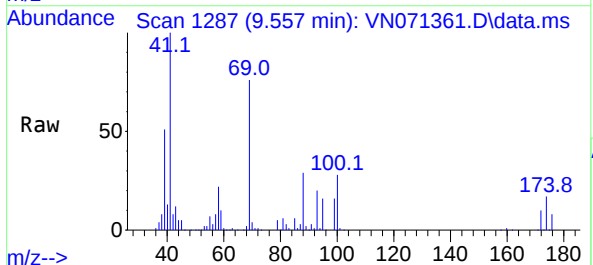
Tgt Ion: 88 Resp: 80259
Ion Ratio Lower Upper
88 100
43 31.9 25.0 37.6
58 72.5 49.4 74.2

Manual Integrations
APPROVED

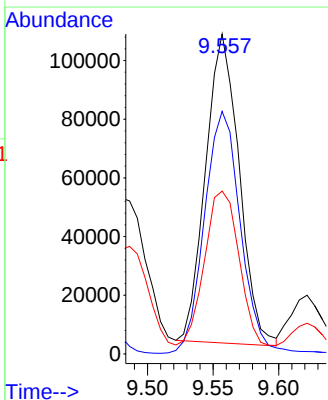
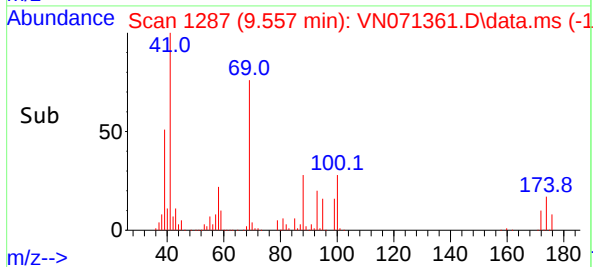
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

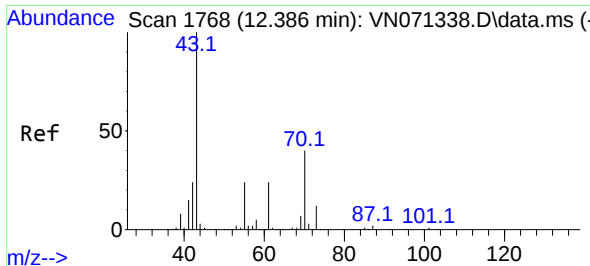


#46
Methyl methacrylate
Concen: 21.544 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



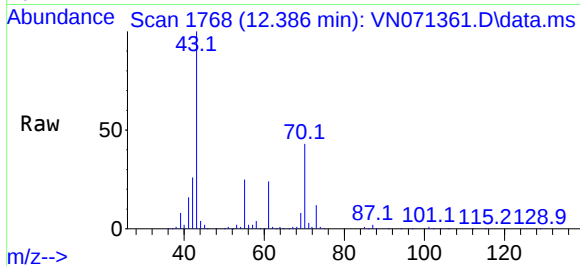
Tgt Ion: 41 Resp: 187475
Ion Ratio Lower Upper
41 100
69 78.0 44.4 133.2
39 50.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 21.866 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

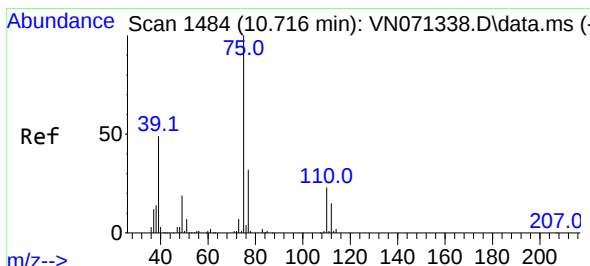
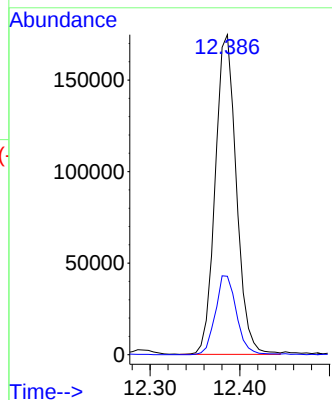
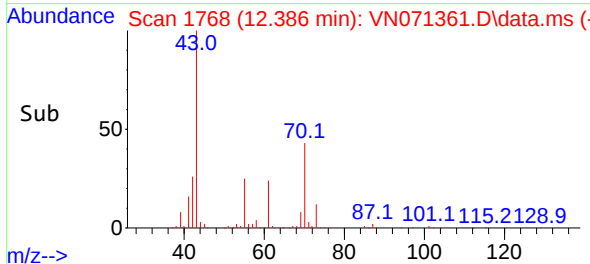
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



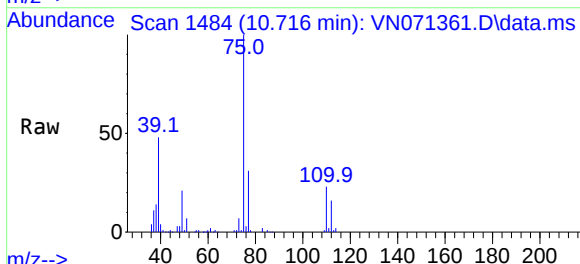
Tgt Ion: 43 Resp: 285310
Ion Ratio Lower Upper
43 100
55 24.7 19.0 28.6

Manual Integrations
APPROVED

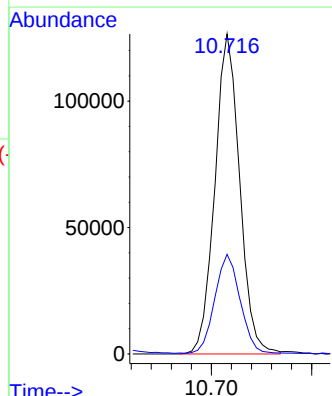
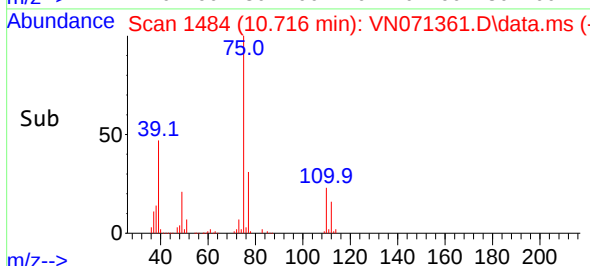
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

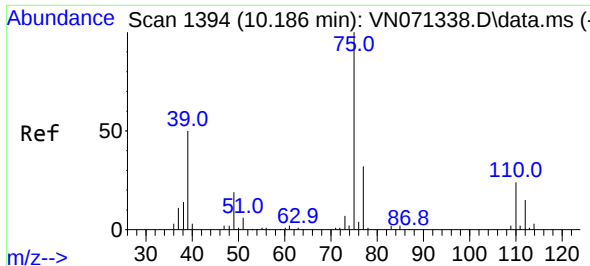


#48
t-1,3-Dichloropropene
Concen: 21.447 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 75 Resp: 217170
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 22.105 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN071361.D
 Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

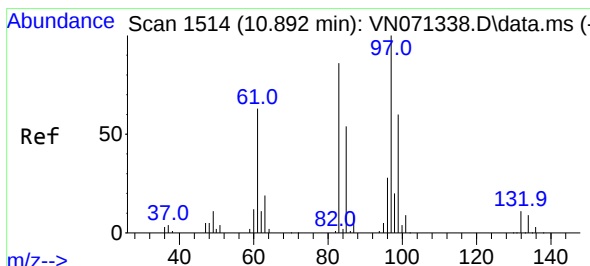
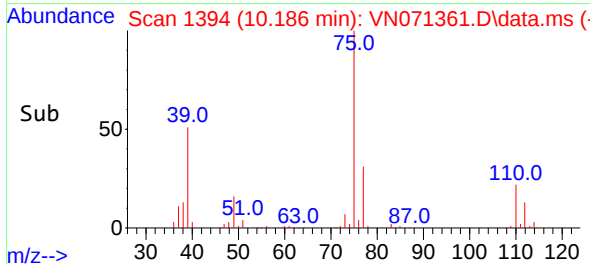
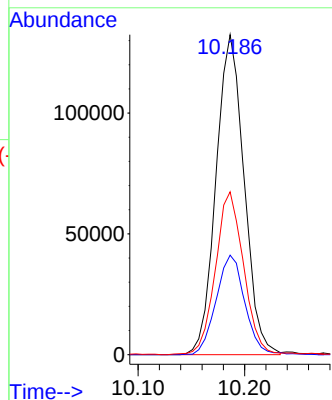
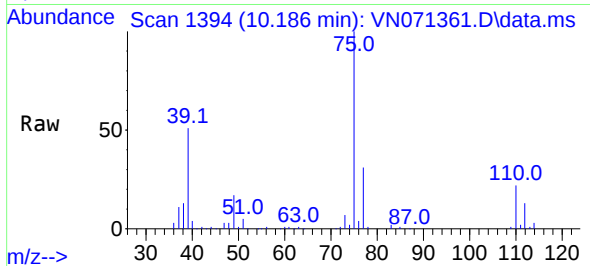
VSTDCCC020EC

Tgt Ion: 75 Resp: 242009
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 50.6 46.2 69.4

Manual Integrations

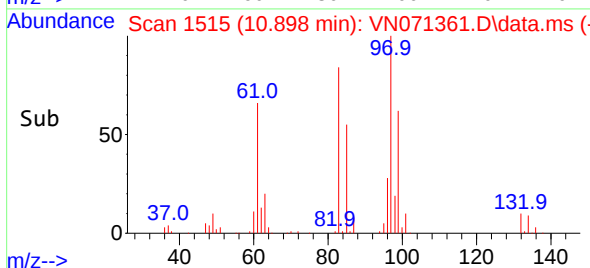
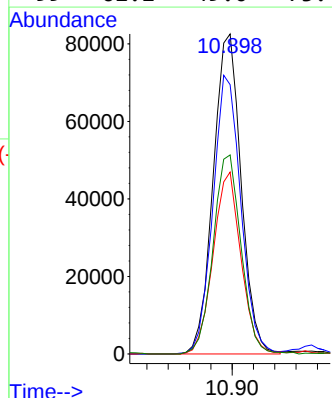
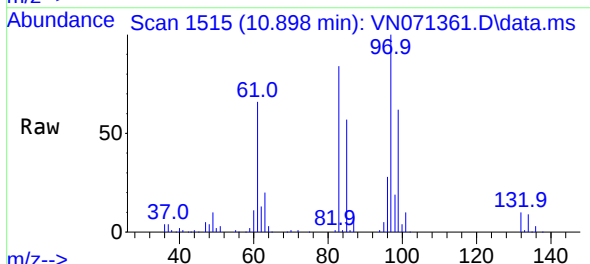
APPROVED

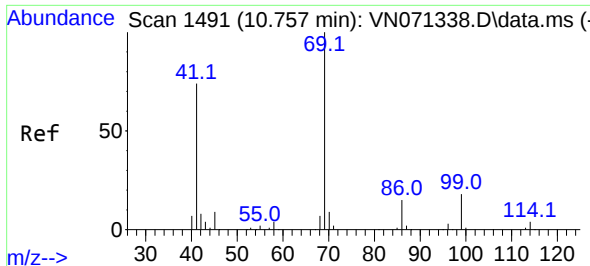
Reviewed By :John Carlone 03/18/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022



#50
 1,1,2-Trichloroethane
 Concen: 22.386 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN071361.D
 Acq: 17 Mar 2022 19:11

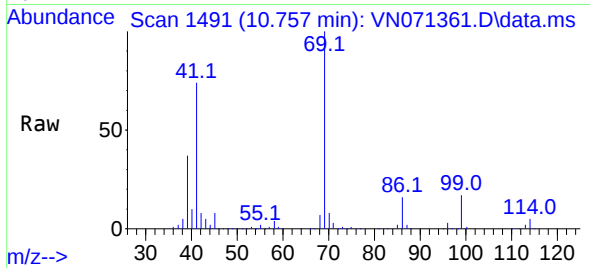
Tgt Ion: 97 Resp: 150303
 Ion Ratio Lower Upper
 97 100
 83 83.9 67.2 100.8
 85 56.9 43.0 64.4
 99 62.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.687 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

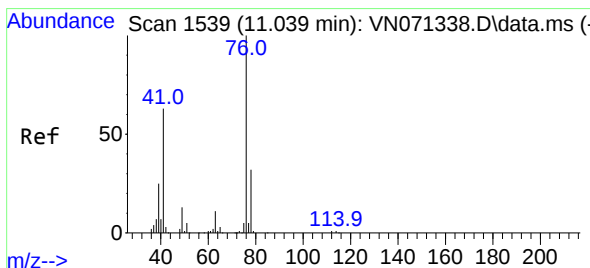
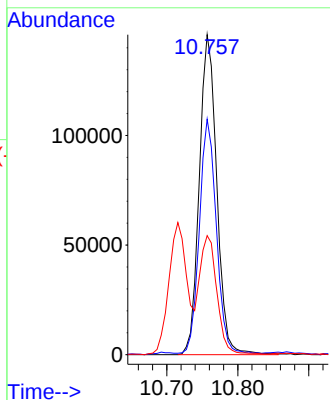
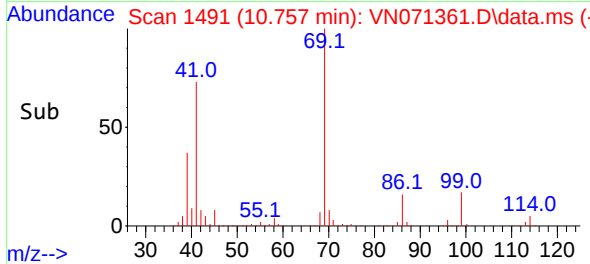
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



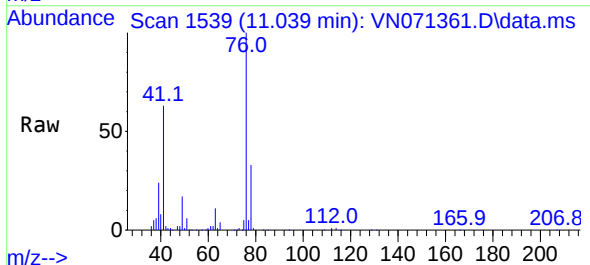
Tgt Ion: 69 Resp: 250500
Ion Ratio Lower Upper
69 100
41 73.2 33.0 98.9
39 36.8 25.4 76.4

Manual Integrations
APPROVED

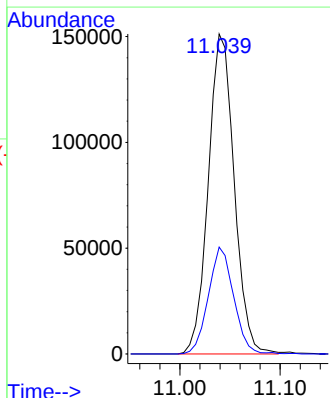
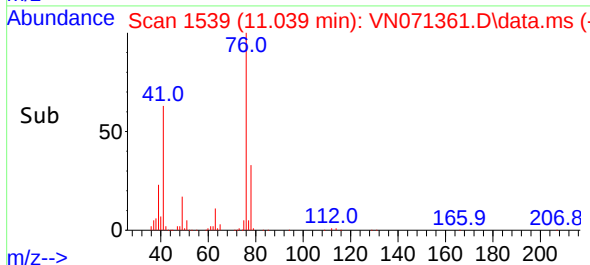
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

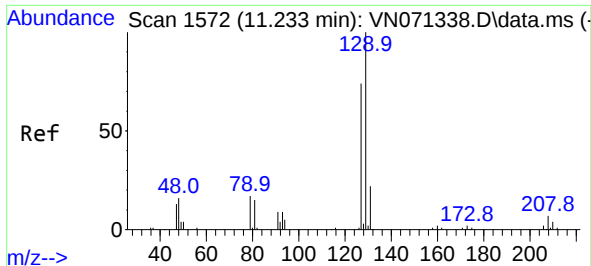


#52
1,3-Dichloropropane
Concen: 22.392 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



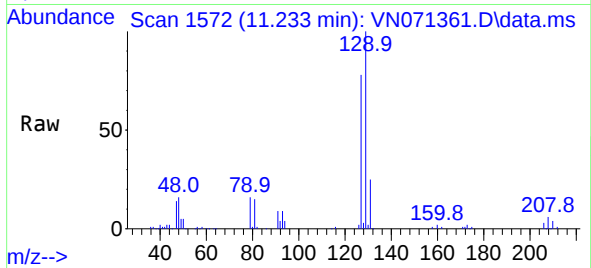
Tgt Ion: 76 Resp: 270769
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 21.760 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

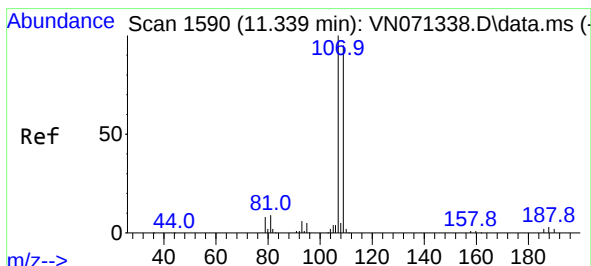
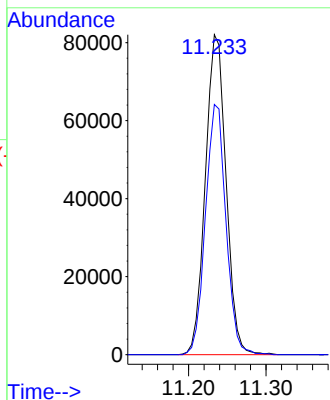
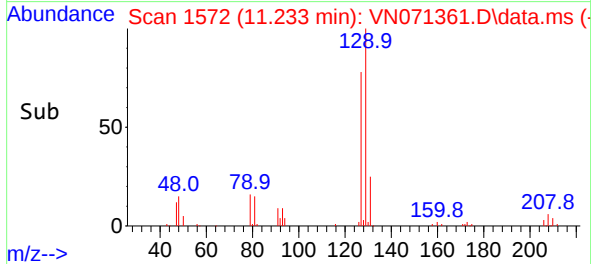
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



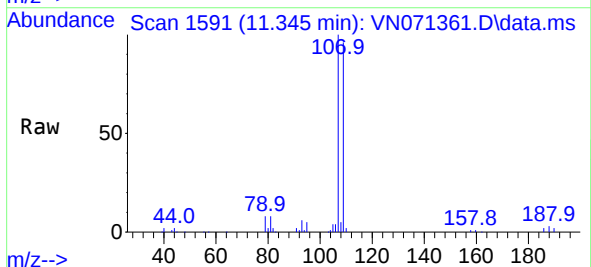
Tgt Ion:129 Resp: 152305
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

Manual Integrations
APPROVED

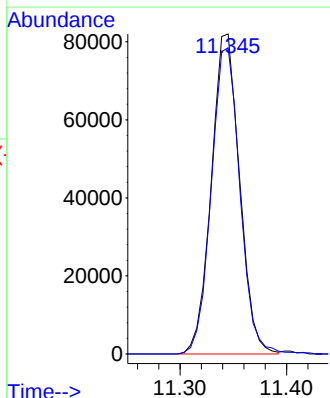
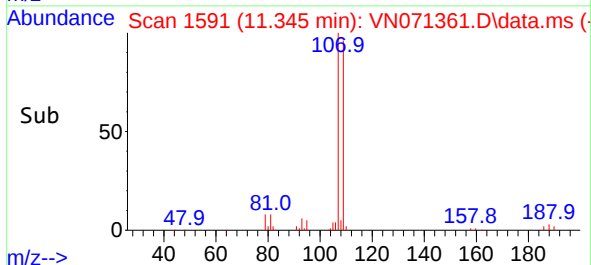
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

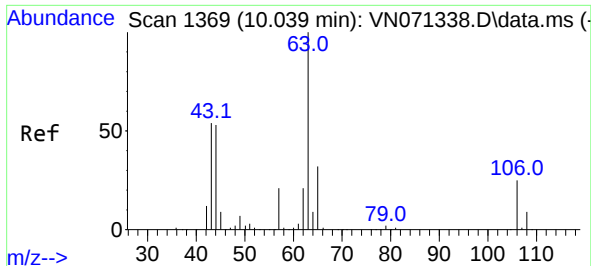


#54
1,2-Dibromoethane
Concen: 21.682 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



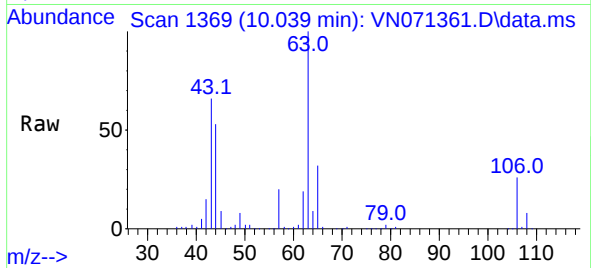
Tgt Ion:107 Resp: 150950
Ion Ratio Lower Upper
107 100
109 97.0 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 144.182 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

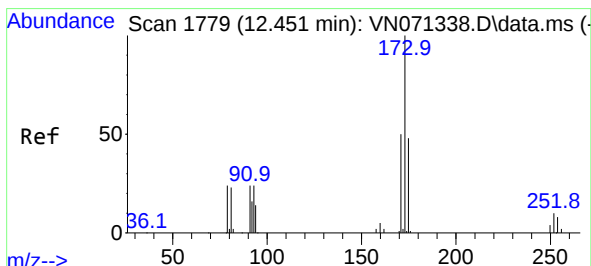
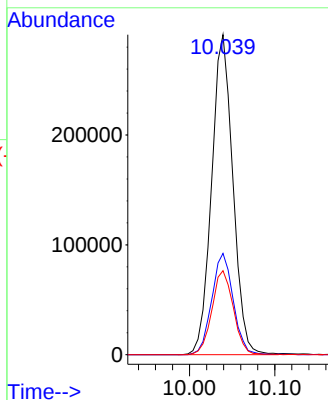
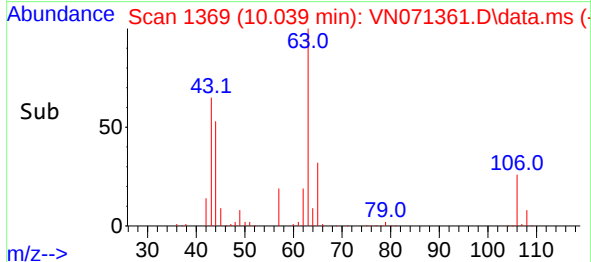
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



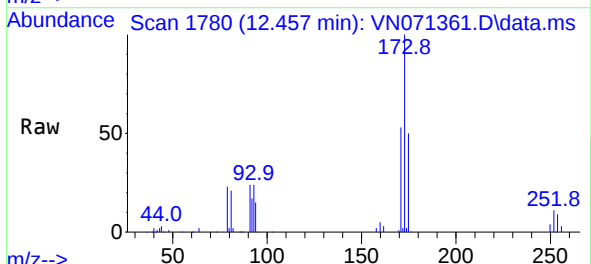
Tgt Ion: 63 Resp: 505072
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 26.4 23.2 34.8

Manual Integrations
APPROVED

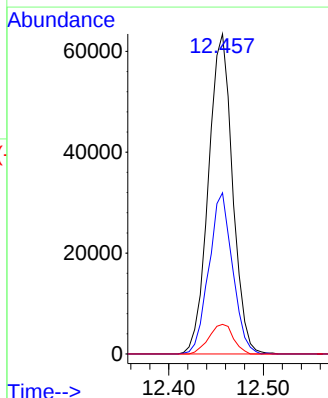
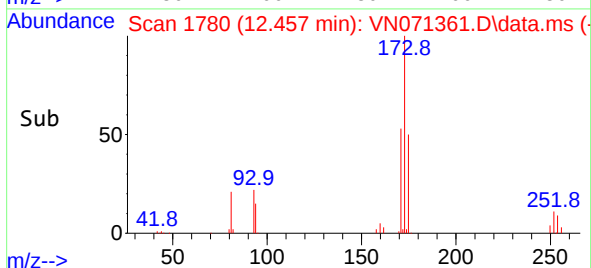
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

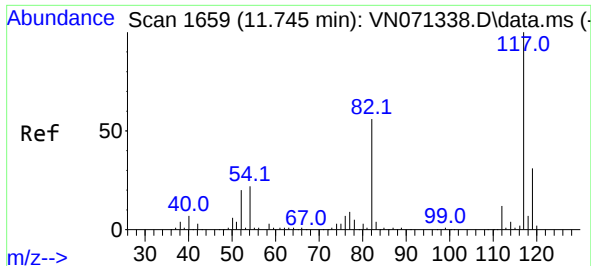


#56
Bromoform
Concen: 20.781 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



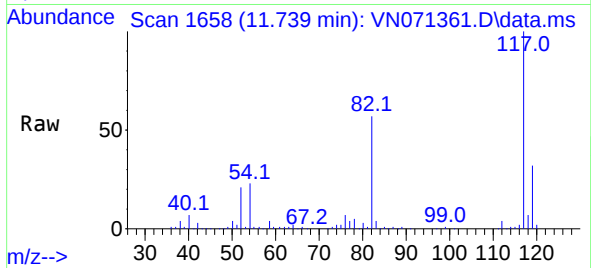
Tgt Ion:173 Resp: 112179
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
254 9.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

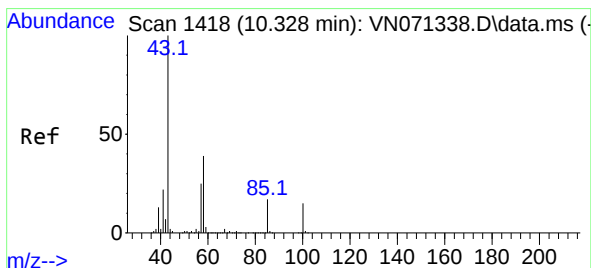
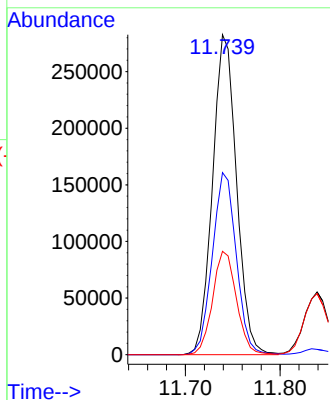
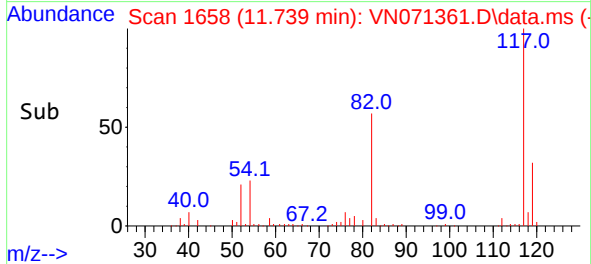
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 49756
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 32.2 25.8 38.6

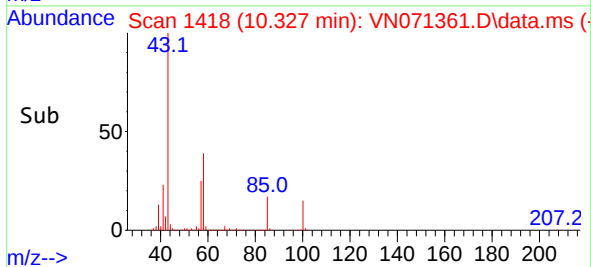
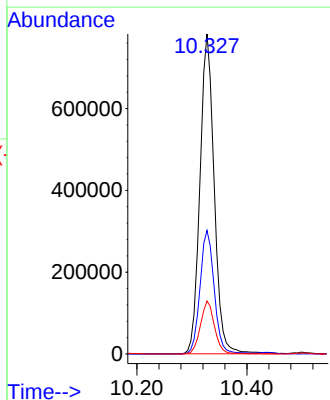
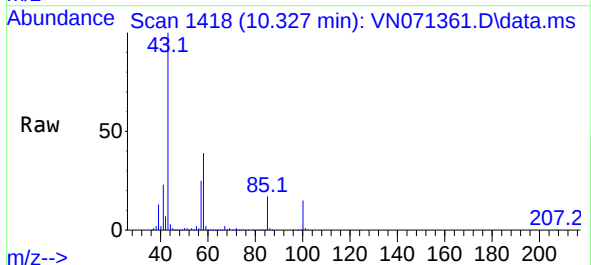
Manual Integrations
APPROVED

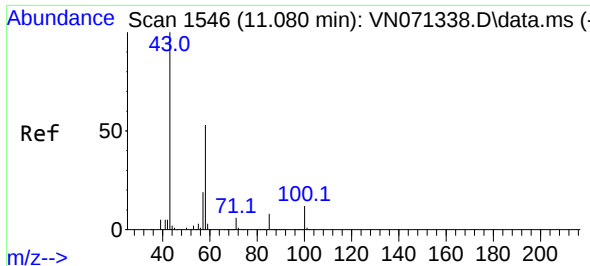
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#58
4-Methyl-2-Pentanone
Concen: 118.067 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

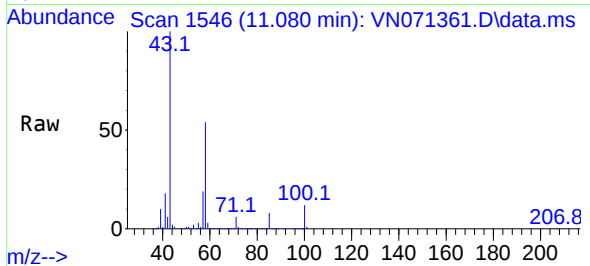
Tgt Ion: 43 Resp: 1410626
Ion Ratio Lower Upper
43 100
58 38.4 30.0 45.0
85 16.3 15.0 22.6





#59
2-Hexanone
Concen: 116.895 ug/l
RT: 11.080 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

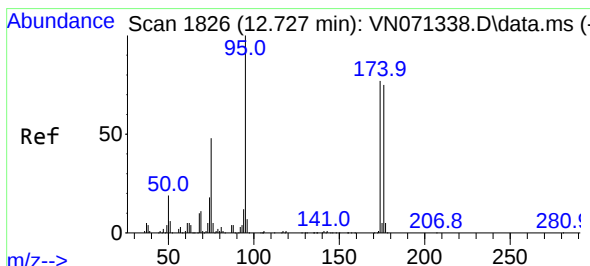
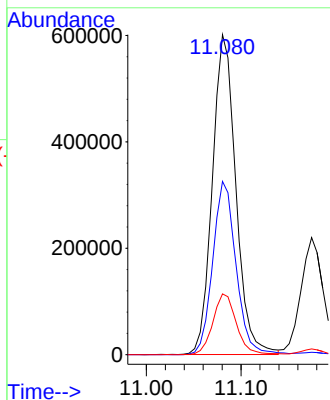
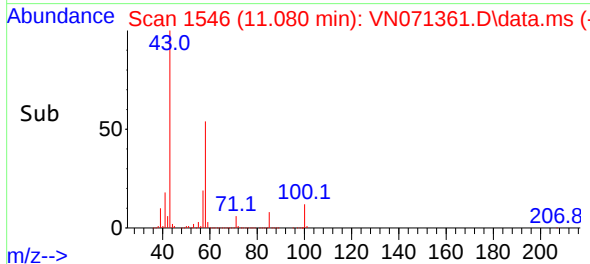
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



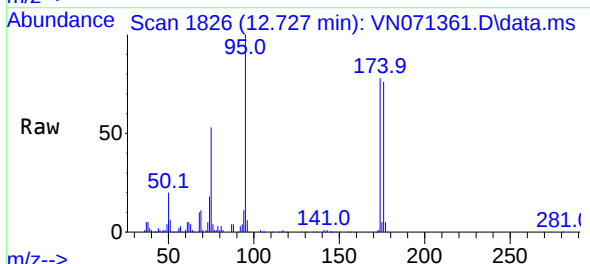
Tgt Ion: 43 Resp: 103817
Ion Ratio Lower Upper
43 100
58 53.7 42.2 63.2
57 19.1 15.0 22.4

Manual Integrations
APPROVED

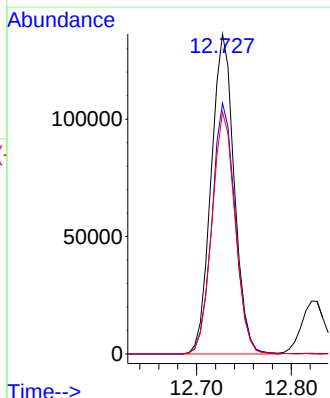
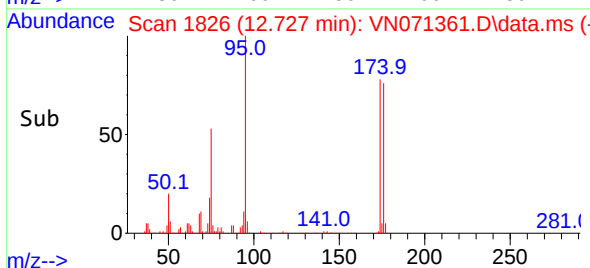
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

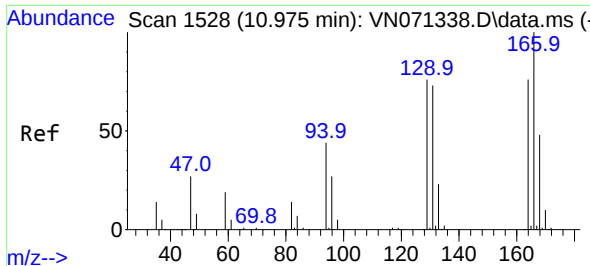


#60
4-Bromofluorobenzene
Concen: 30.020 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 95 Resp: 230762
Ion Ratio Lower Upper
95 100
174 78.5 62.9 94.3
176 75.8 61.0 91.4





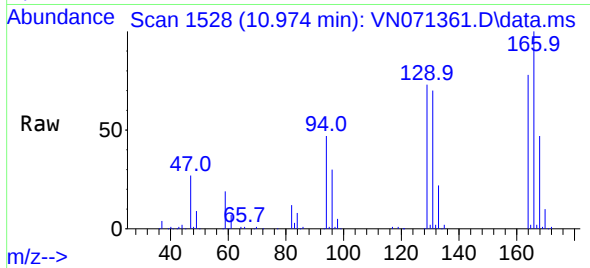
#61
Tetrachloroethene
Concen: 23.549 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



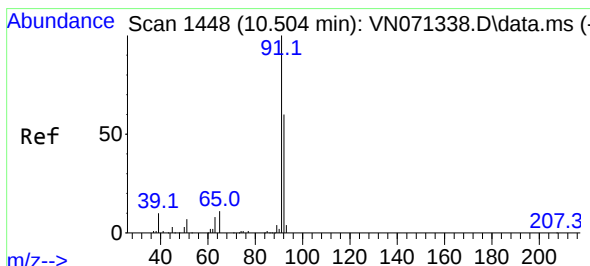
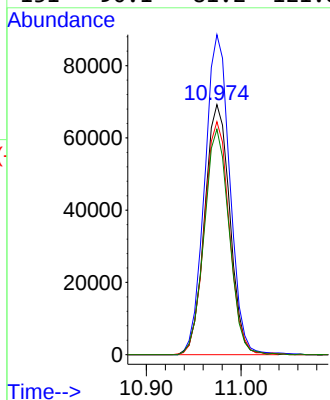
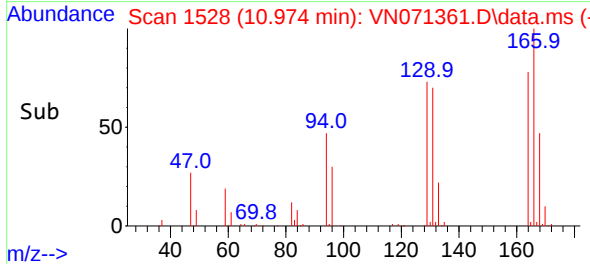
Tgt Ion:164 Resp: 12782
Ion Ratio Lower Upper
164 100
166 128.0 105.8 158.8
129 92.8 82.5 123.7
131 90.1 81.2 121.8

Manual Integrations

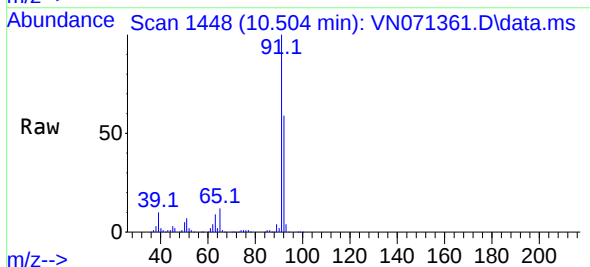
APPROVED

Reviewed By :John Carlone 03/18/2022

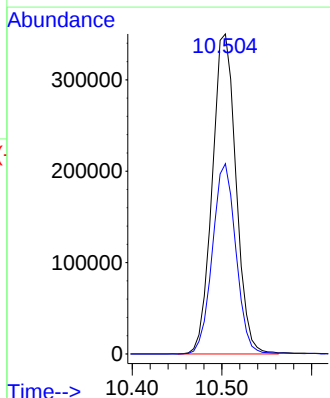
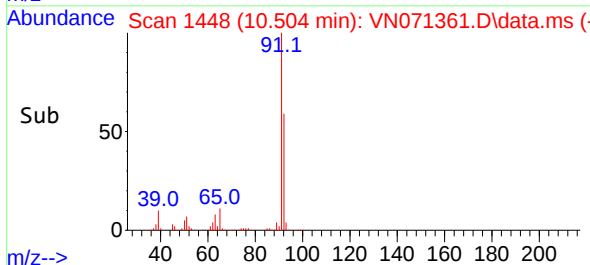
Supervised By :Semsettin Yesilyurt 03/21/2022

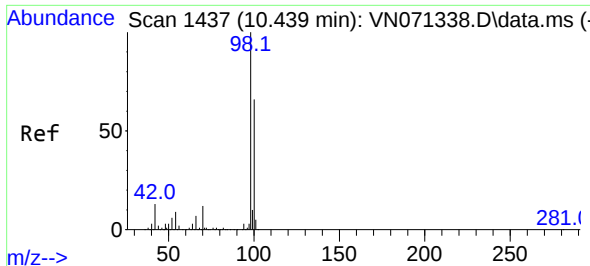


#62
Toluene
Concen: 22.672 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 91 Resp: 644980
Ion Ratio Lower Upper
91 100
92 58.8 44.6 67.0





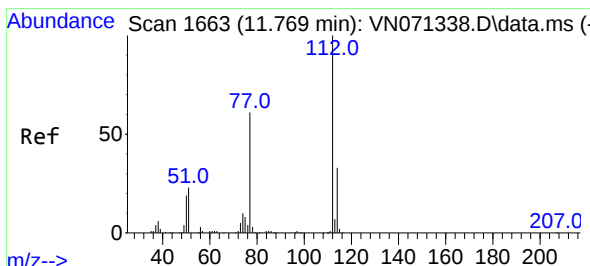
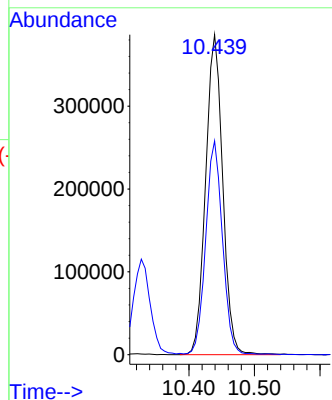
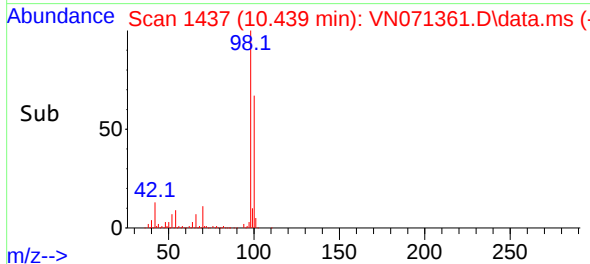
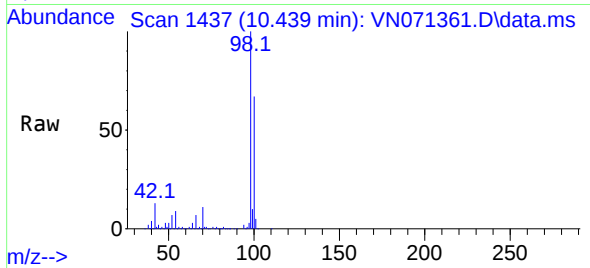
#63
Toluene-d8
Concen: 30.623 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 700933
Ion Ratio Lower Upper
98 100
100 65.7 50.6 76.0

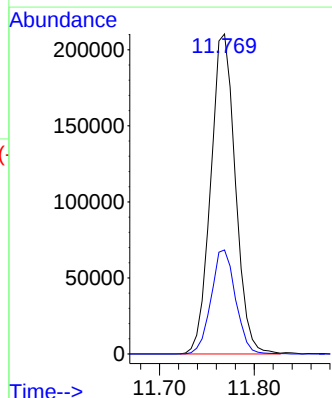
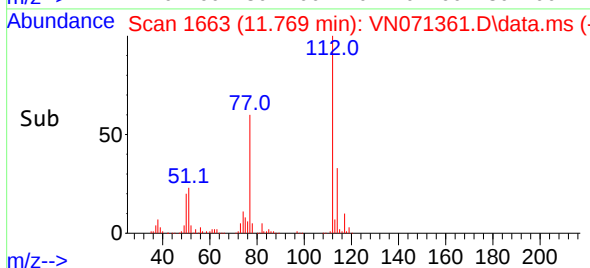
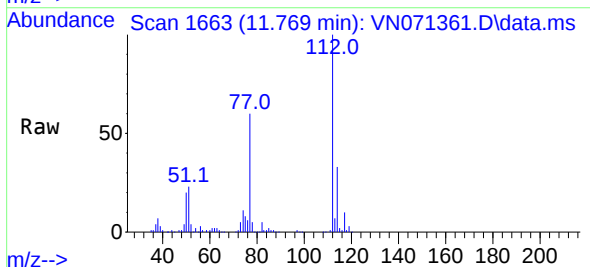
Manual Integrations
APPROVED

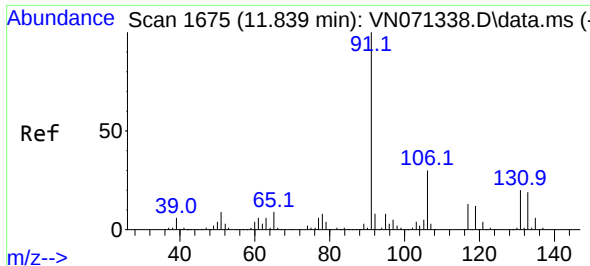
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#64
Chlorobenzene
Concen: 22.044 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Tgt Ion:112 Resp: 380336
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





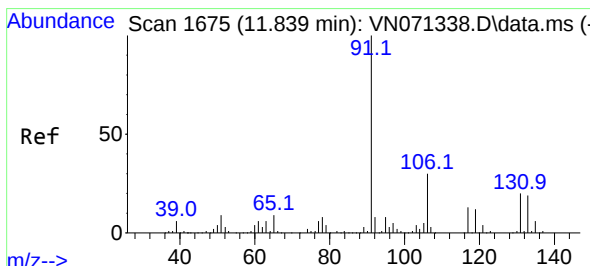
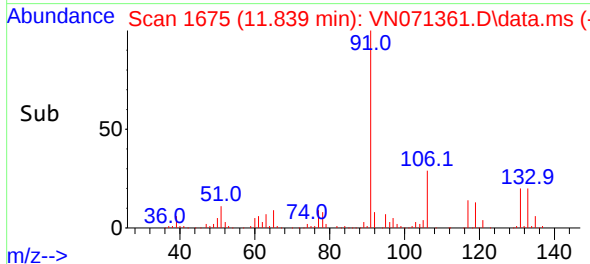
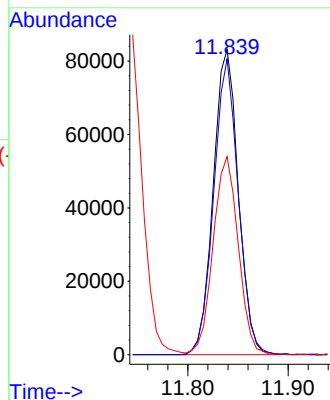
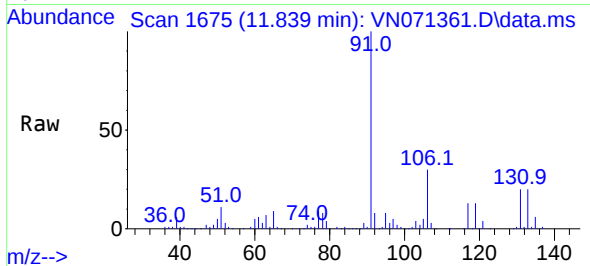
#65
1,1,1,2-Tetrachloroethane
Concen: 22.534 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 14424
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.2
119 64.7 0.0 128.8

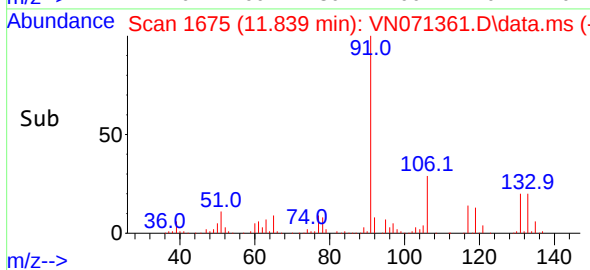
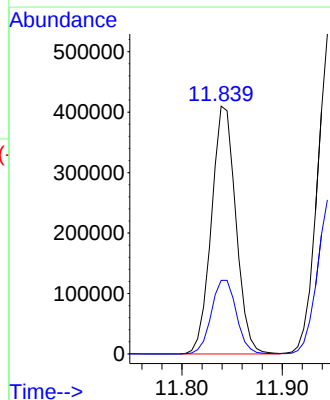
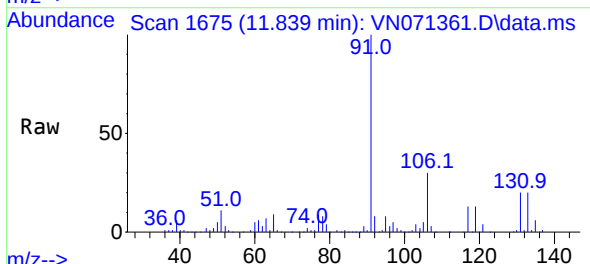
Manual Integrations
APPROVED

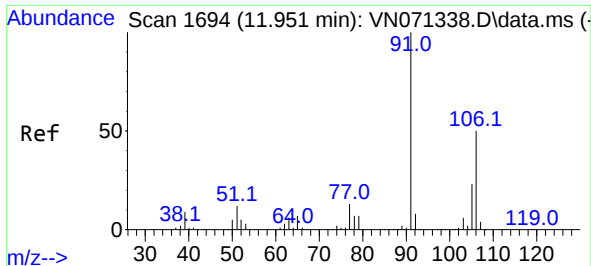
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#66
Ethyl Benzene
Concen: 22.151 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

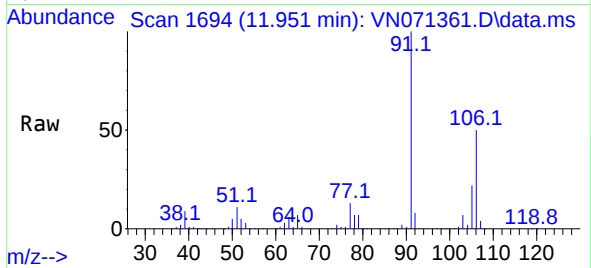
Tgt Ion: 91 Resp: 694441
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0





#67
m/p-Xylenes
Concen: 45.513 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

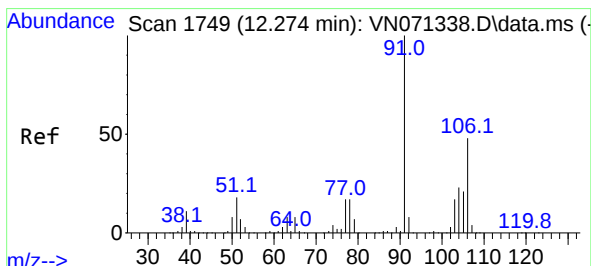
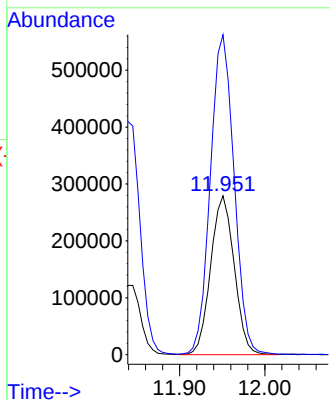
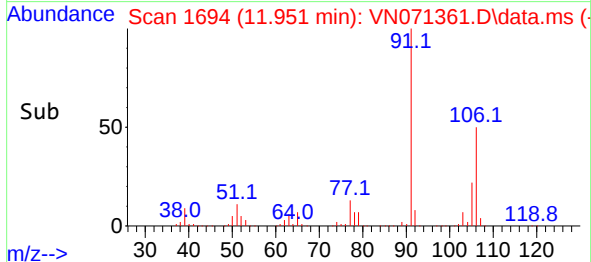
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



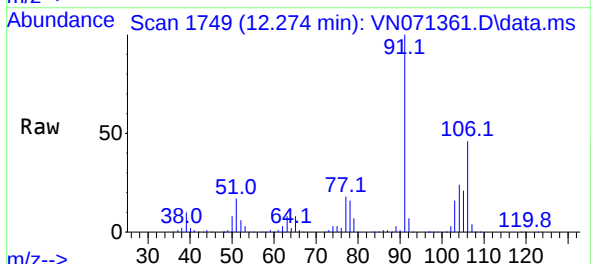
Tgt Ion:106 Resp: 536190
Ion Ratio Lower Upper
106 100
91 203.4 162.9 244.3

Manual Integrations
APPROVED

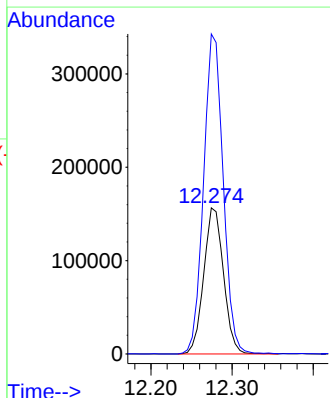
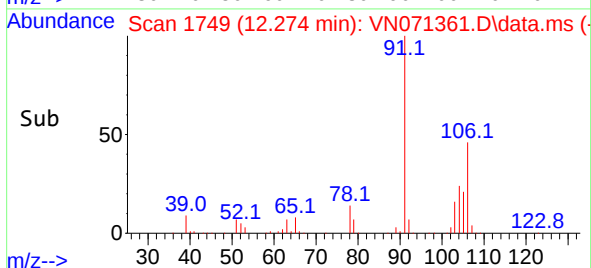
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

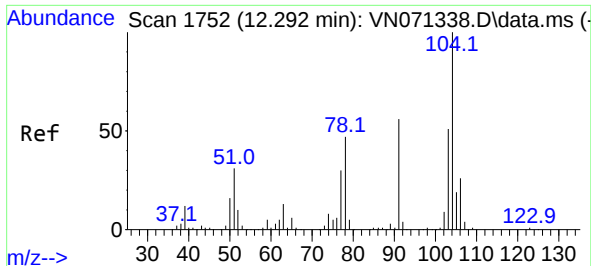


#68
o-Xylene
Concen: 22.330 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion:106 Resp: 264783
Ion Ratio Lower Upper
106 100
91 217.0 107.7 323.1





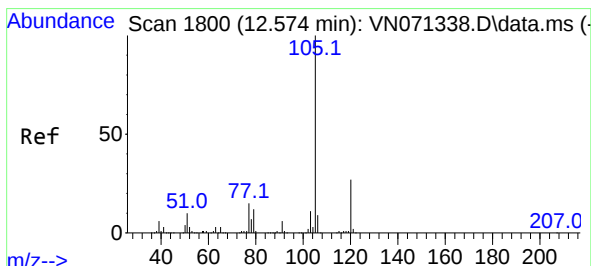
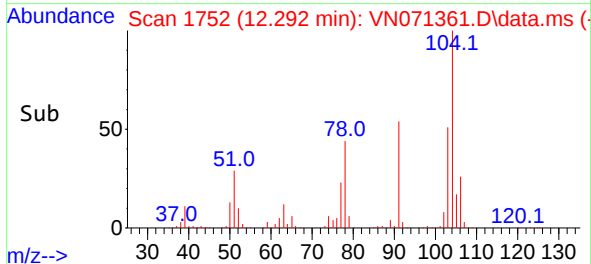
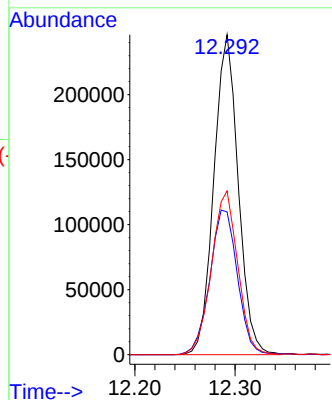
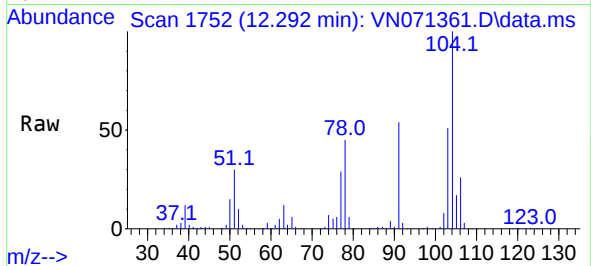
#69
Styrene
Concen: 22.234 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 41541
Ion Ratio Lower Upper
104 100
78 51.3 40.7 61.1
103 55.3 45.8 68.8

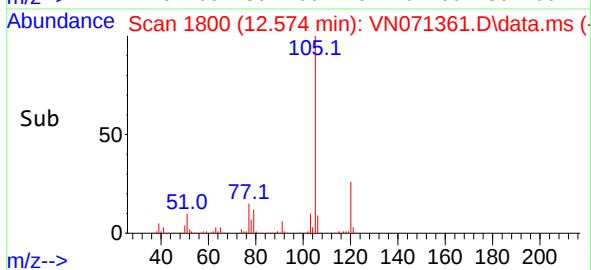
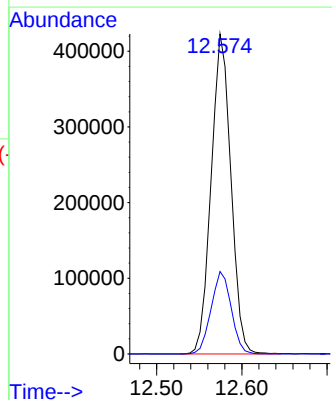
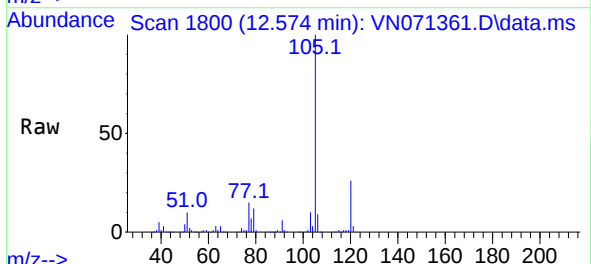
Manual Integrations
APPROVED

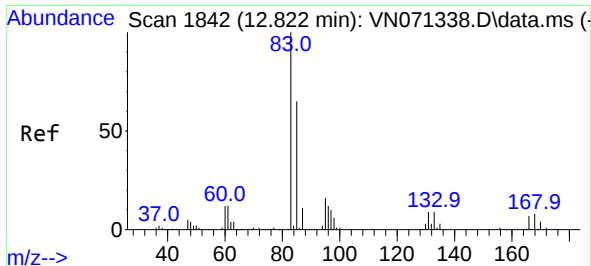
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#70
Isopropylbenzene
Concen: 22.745 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

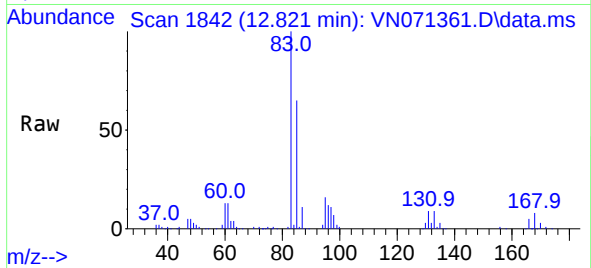
Tgt Ion:105 Resp: 682164
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 23.137 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

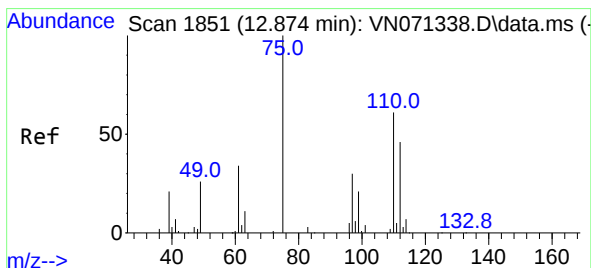
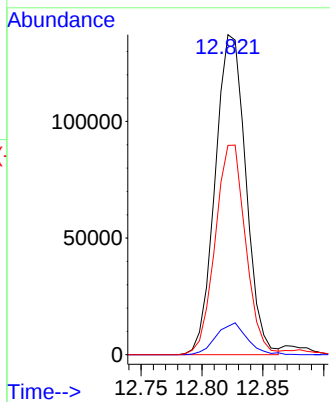
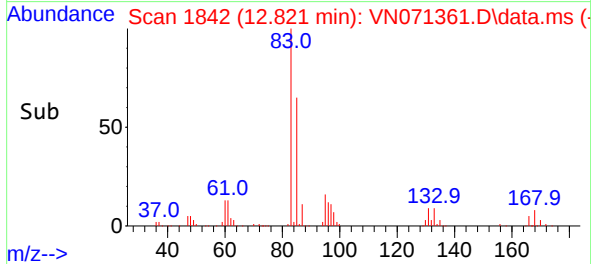
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 24074
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.9 33.1 99.2

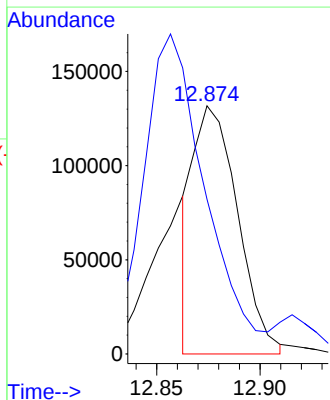
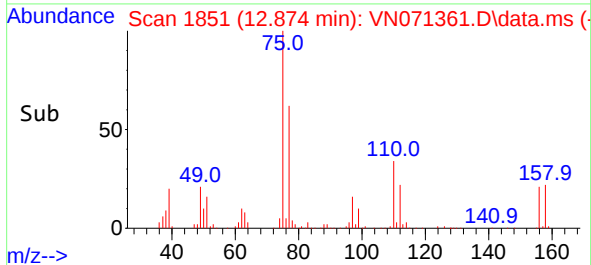
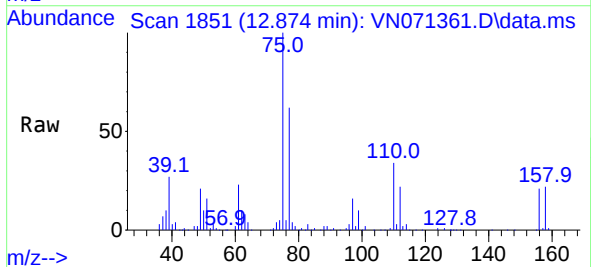
Manual Integrations
APPROVED

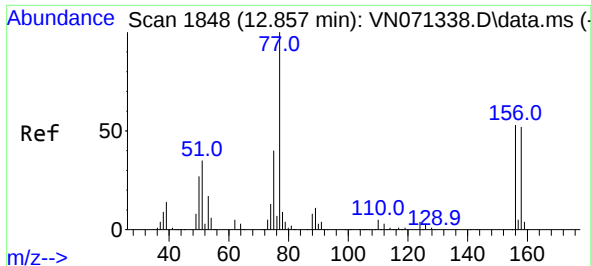
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#72
1,2,3-Trichloropropane
Concen: 20.825 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

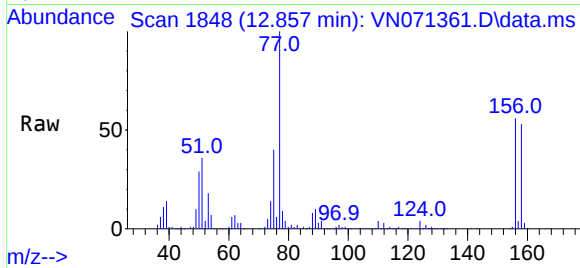
Tgt Ion: 75 Resp: 196938
Ion Ratio Lower Upper
75 100
77 179.5 0.0 378.0





#73
Bromobenzene
Concen: 22.447 ug/l
RT: 12.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

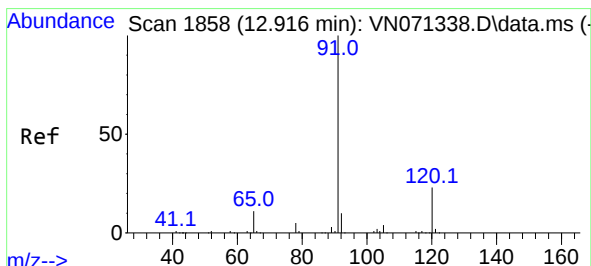
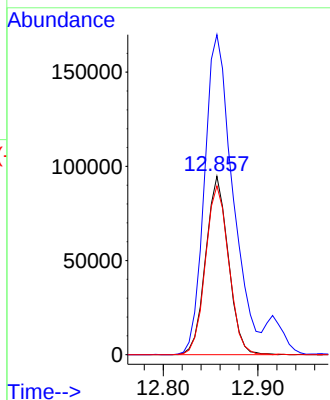
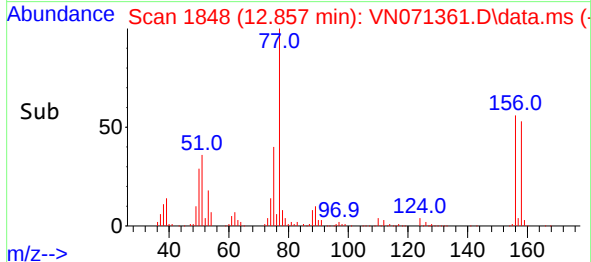
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



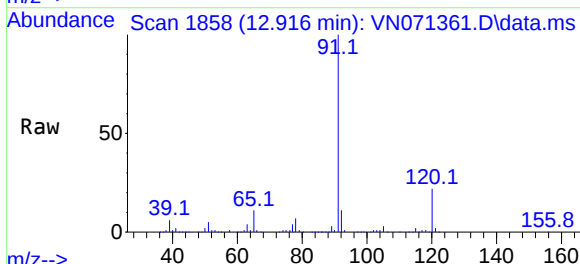
Tgt Ion:156 Resp: 15763
Ion Ratio Lower Upper
156 100
77 224.3 0.0 416.0
158 97.0 0.0 195.4

Manual Integrations
APPROVED

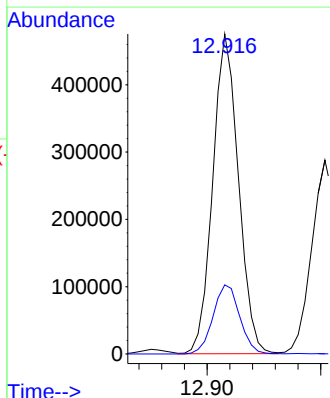
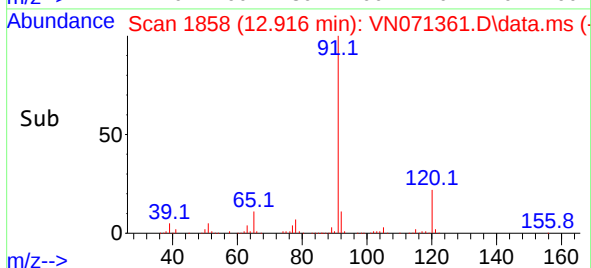
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

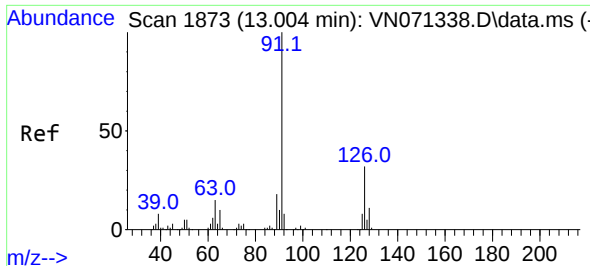


#74
n-propylbenzene
Concen: 22.570 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 91 Resp: 746092
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





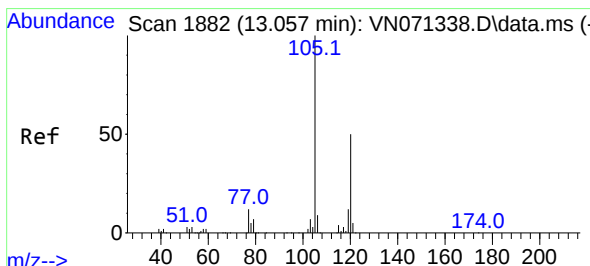
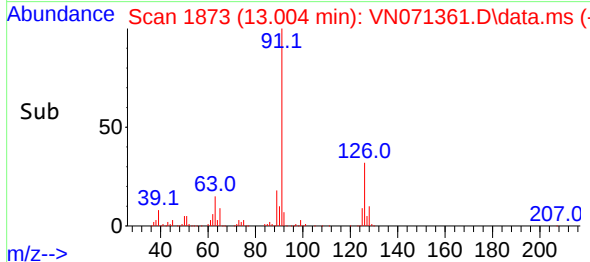
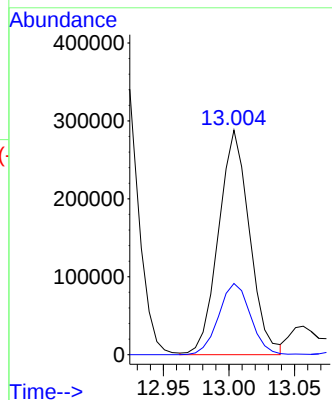
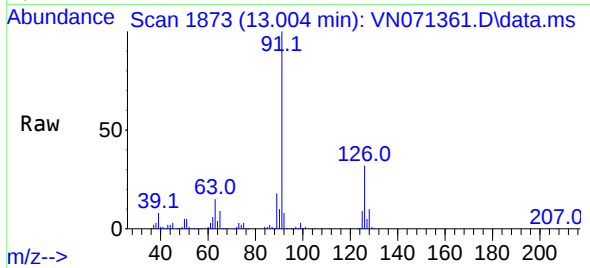
#75
2-Chlorotoluene
Concen: 22.893 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 47435
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

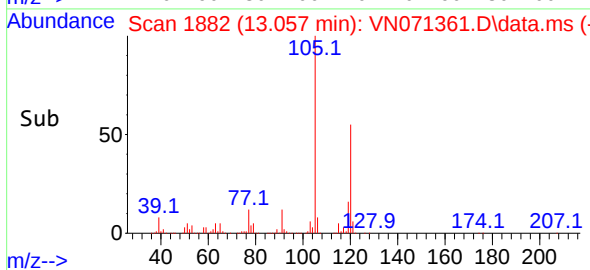
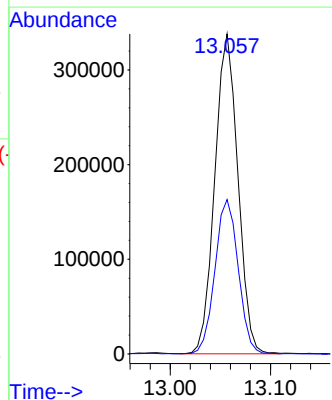
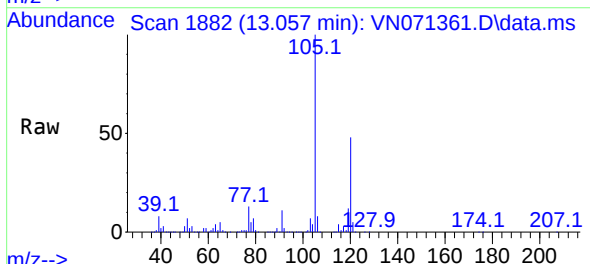
Manual Integrations
APPROVED

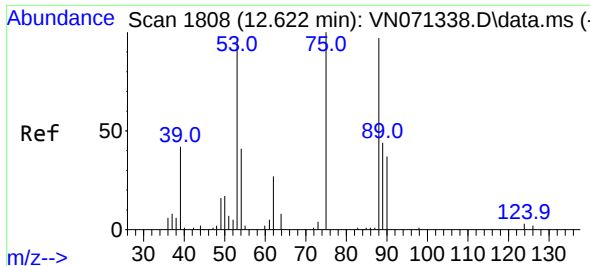
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 22.707 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

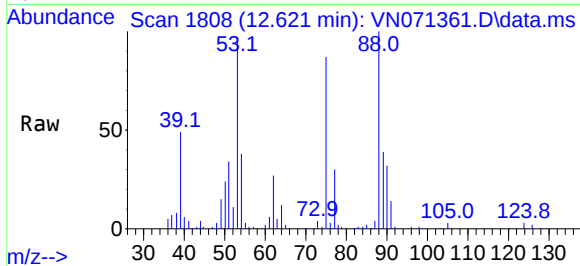
Tgt Ion:105 Resp: 540581
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 21.469 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

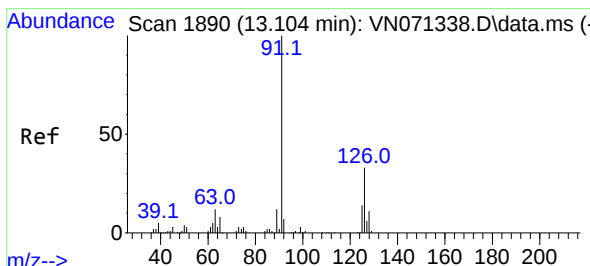
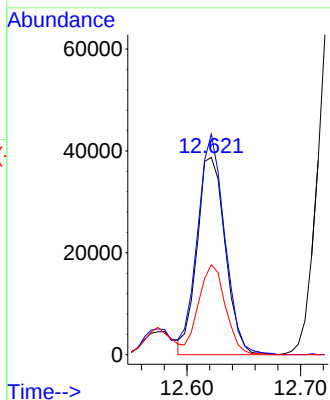
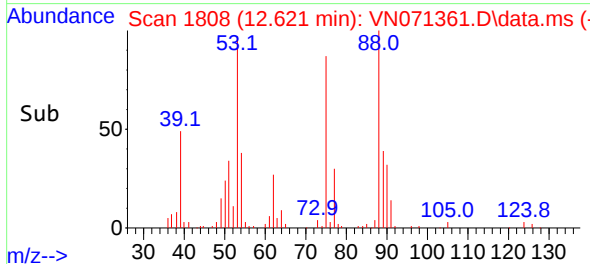
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



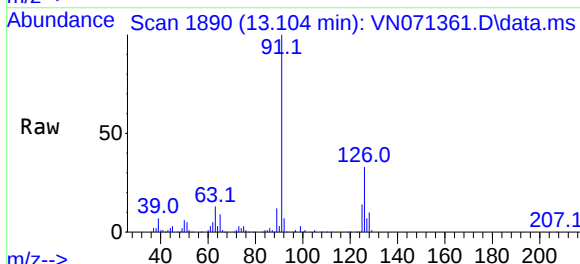
Tgt Ion: 75 Resp: 67229
Ion Ratio Lower Upper
75 100
53 111.9 51.8 155.5
89 45.6 22.9 68.7

Manual Integrations
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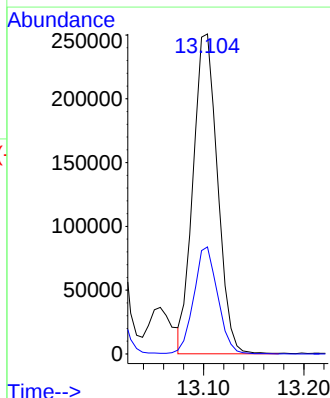
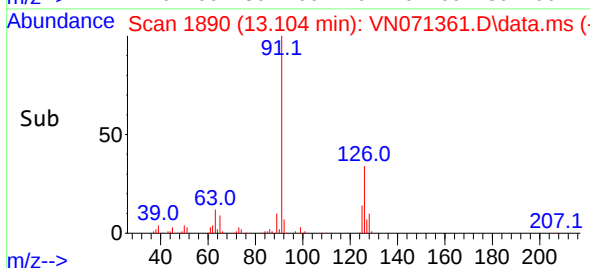
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

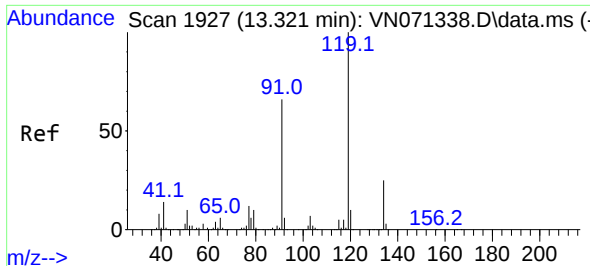


#78
4-Chlorotoluene
Concen: 22.125 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 91 Resp: 424818
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6





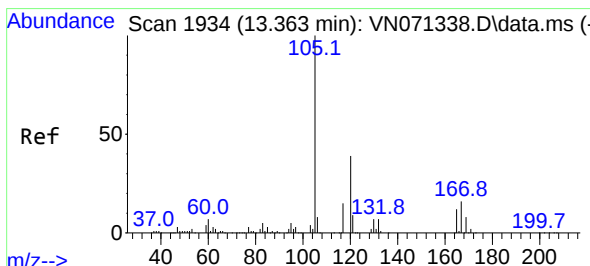
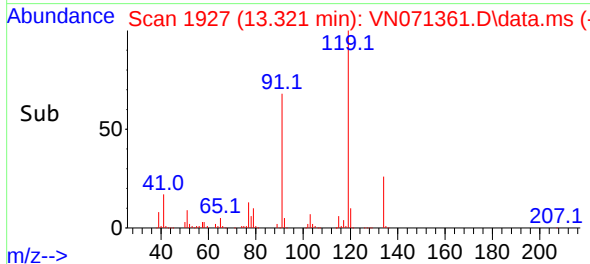
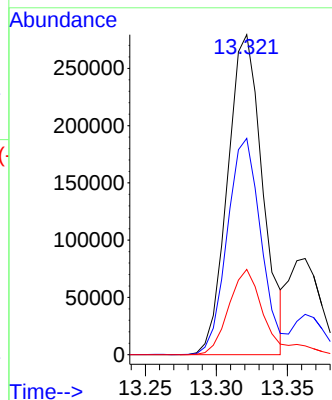
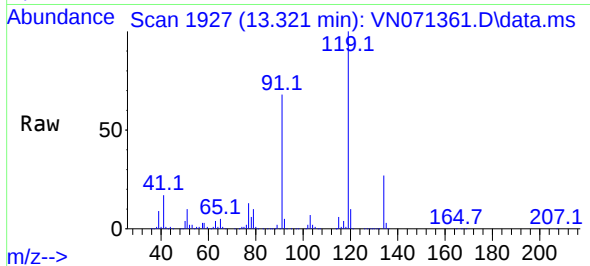
#79
tert-butylbenzene
Concen: 22.103 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 480539
Ion Ratio Lower Upper
119 100
91 66.2 0.0 137.0
134 25.6 0.0 47.6

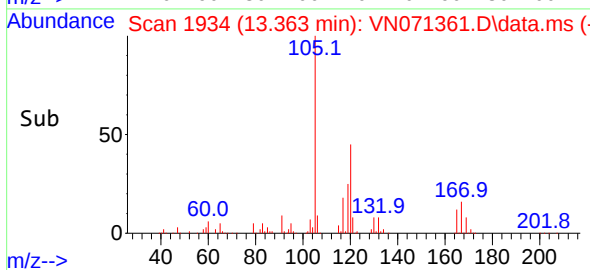
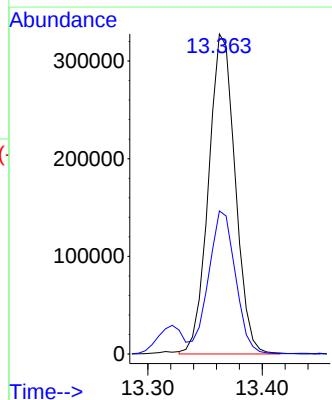
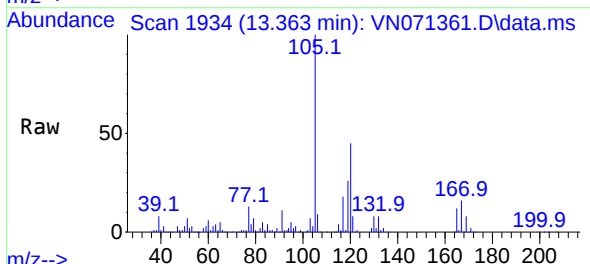
Manual Integrations
APPROVED

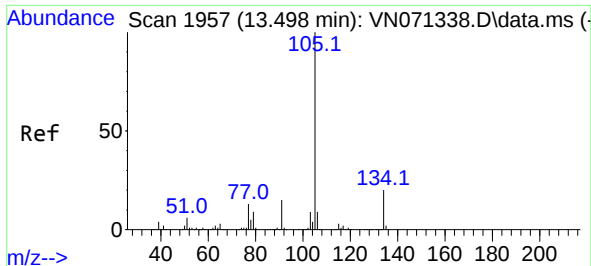
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#80
1,2,4-Trimethylbenzene
Concen: 23.002 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Tgt Ion:105 Resp: 531219
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





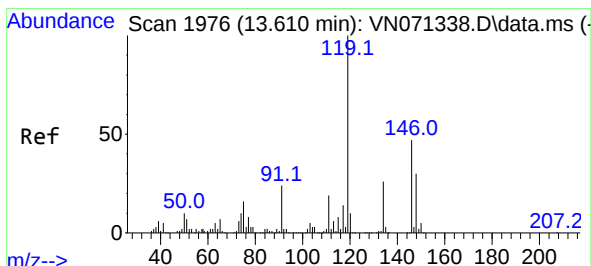
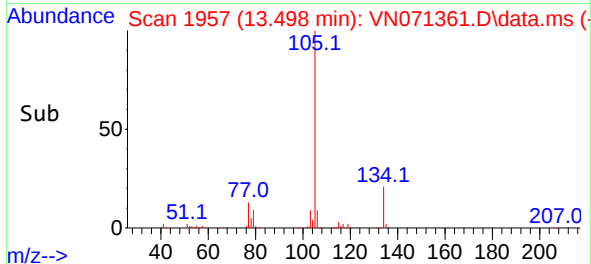
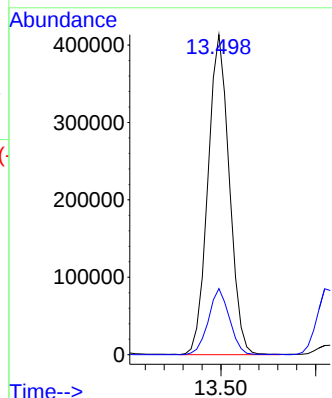
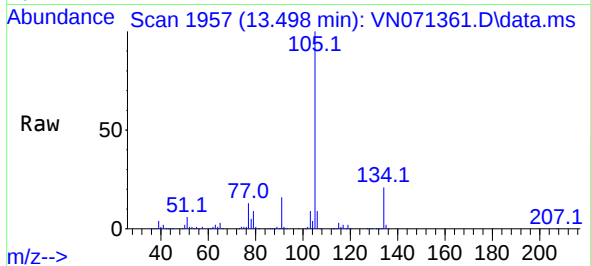
#81
 sec-Butylbenzene
 Concen: 22.394 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071361.D
 Acq: 17 Mar 2022 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 64808
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

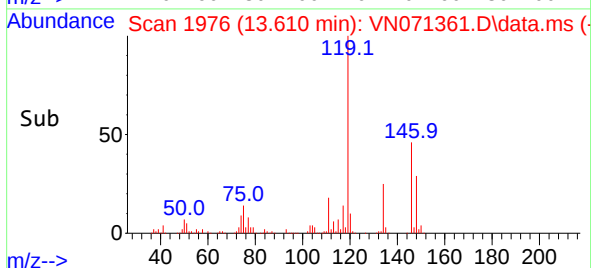
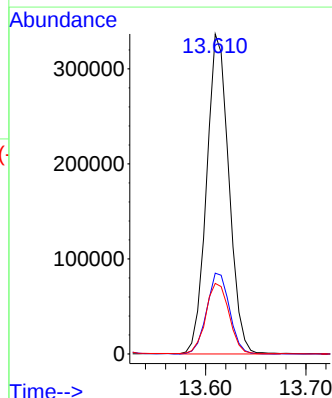
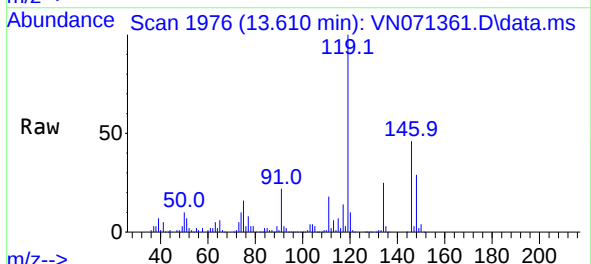
Manual Integrations
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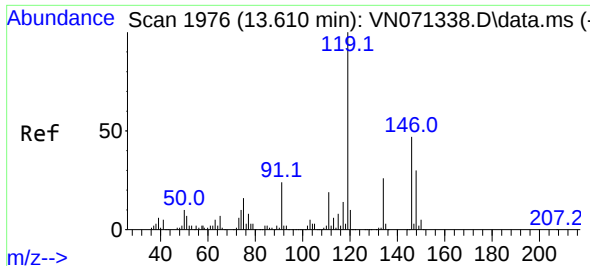
Reviewed By :John Carlone 03/18/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022



#82
 p-Isopropyltoluene
 Concen: 22.326 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071361.D
 Acq: 17 Mar 2022 19:11

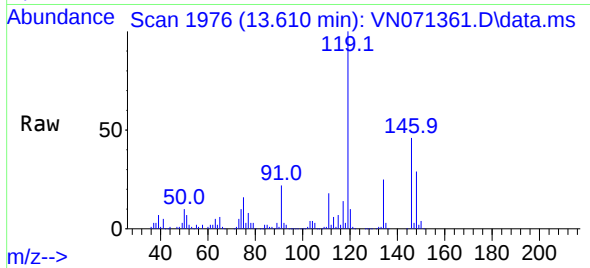
Tgt Ion:119 Resp: 519652
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 23.1 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 22.957 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

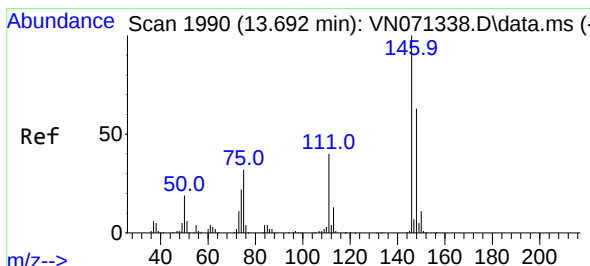
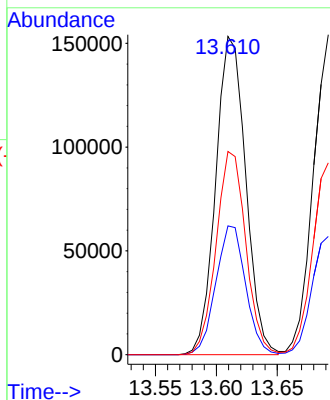
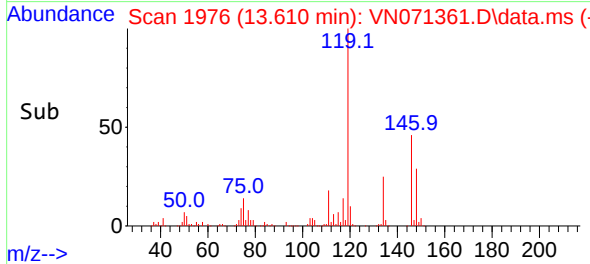
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



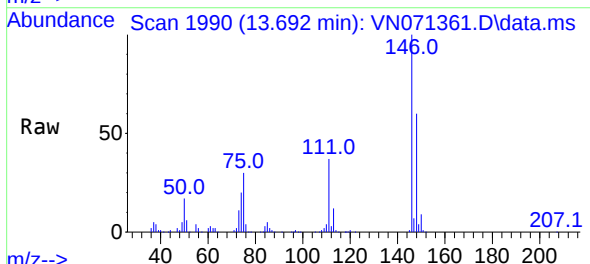
Tgt Ion:146 Resp: 263208
Ion Ratio Lower Upper
146 100
111 40.2 20.8 62.2
148 63.1 31.4 94.3

Manual Integrations
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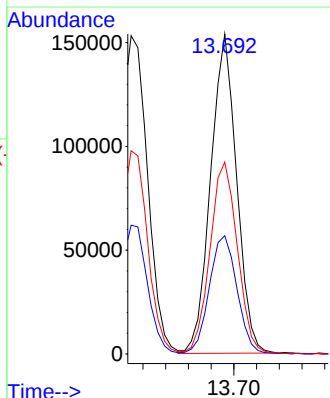
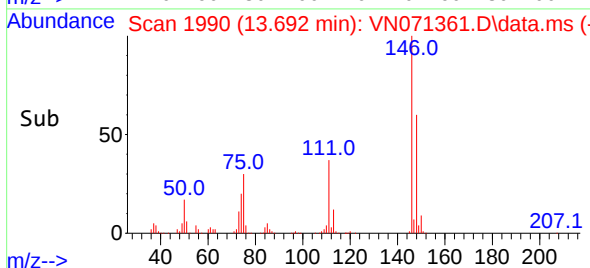
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

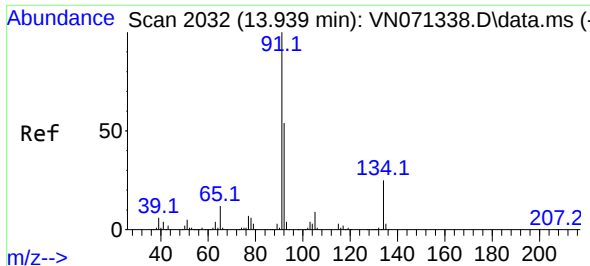


#84
1,4-Dichlorobenzene
Concen: 22.393 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



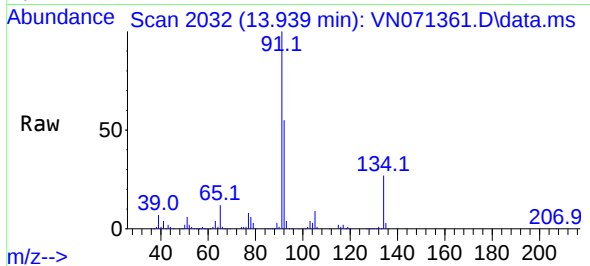
Tgt Ion:146 Resp: 244414
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 63.5 31.1 93.5





#85
n-Butylbenzene
Concen: 22.244 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

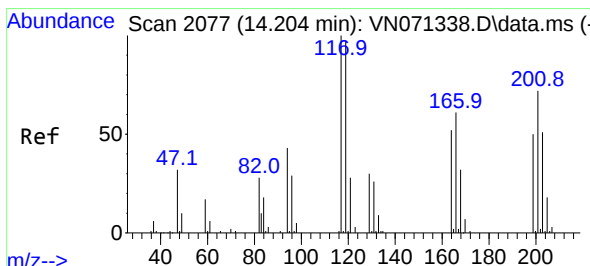
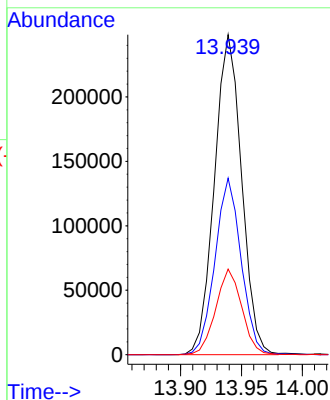
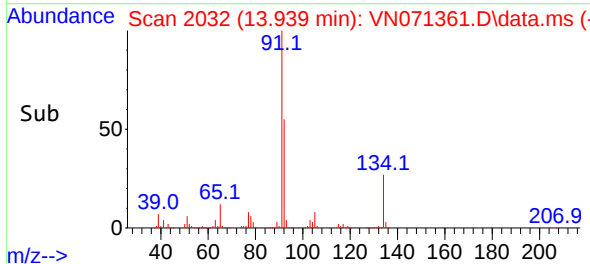
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 385494
Ion Ratio Lower Upper
91 100
92 53.2 0.0 100.6
134 25.6 0.0 50.2

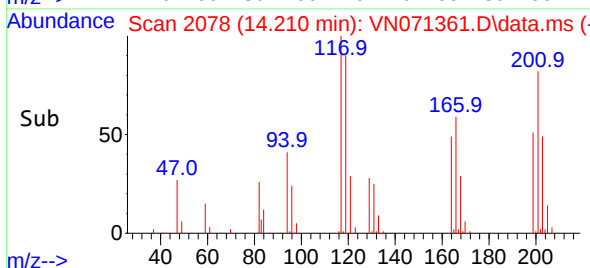
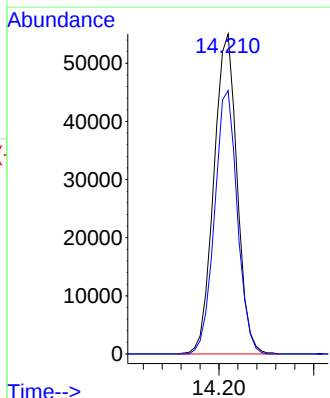
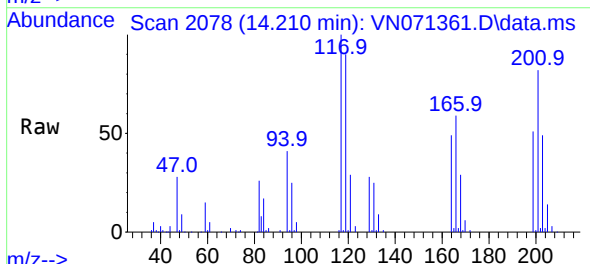
Manual Integrations
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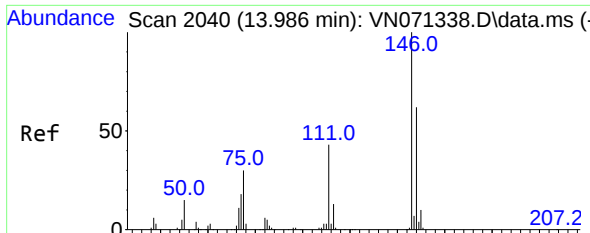
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#86
Hexachloroethane
Concen: 21.182 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

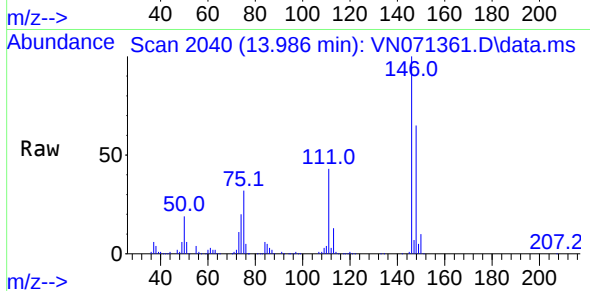
Tgt Ion:117 Resp: 93895
Ion Ratio Lower Upper
117 100
201 80.5 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 23.352 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

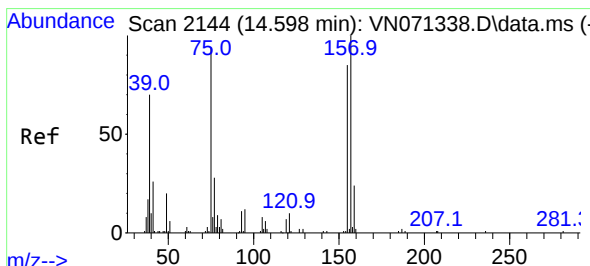
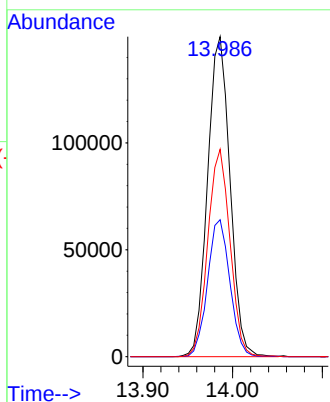
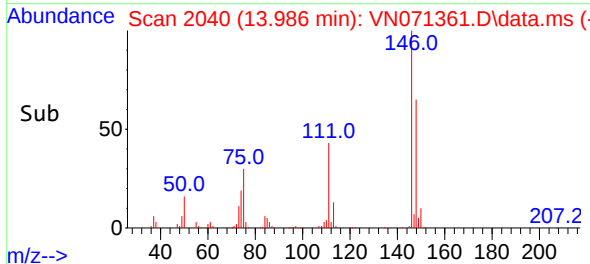
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



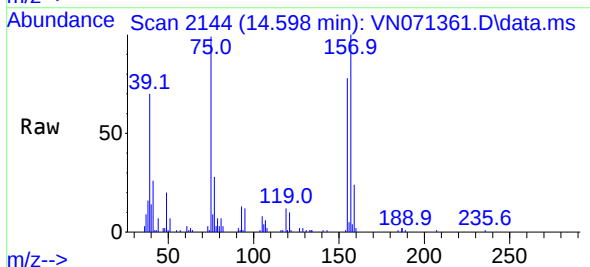
Tgt Ion:146 Resp: 25970
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 64.1 32.5 97.4

Manual Integrations
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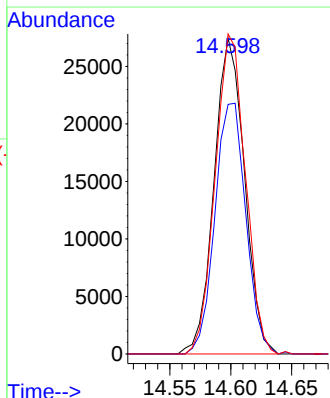
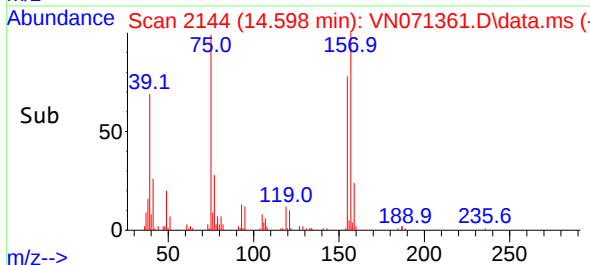
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

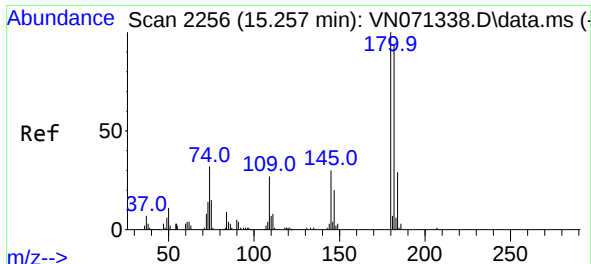


#88
1,2-Dibromo-3-Chloropropane
Concen: 23.879 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion: 75 Resp: 47716
Ion Ratio Lower Upper
75 100
155 80.7 63.8 95.8
157 100.6 77.9 116.9





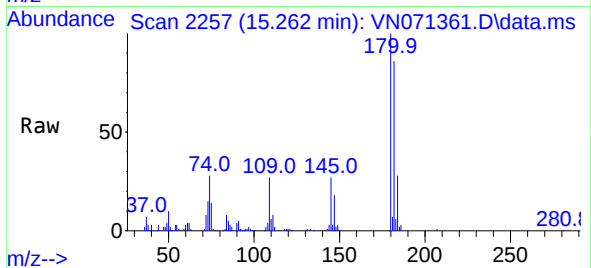
#89
1,2,4-Trichlorobenzene
Concen: 22.663 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



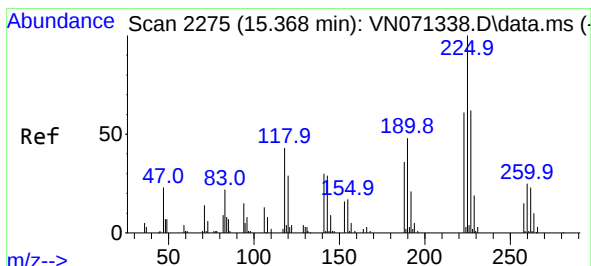
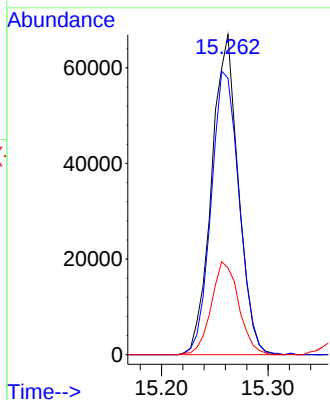
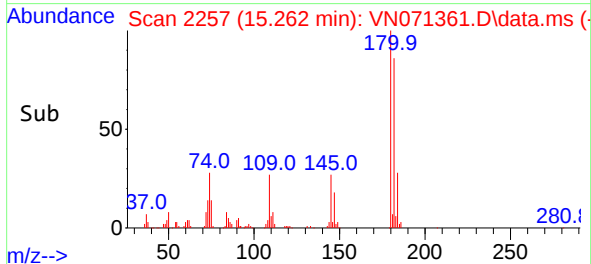
Tgt Ion:180 Resp: 116708
Ion Ratio Lower Upper
180 100
182 92.6 77.7 116.5
145 29.8 26.6 39.8

Manual Integrations

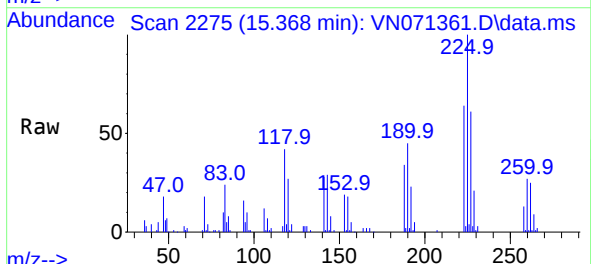
APPROVED

Reviewed By :John Carlone 03/18/2022

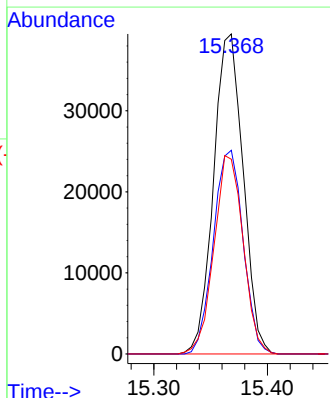
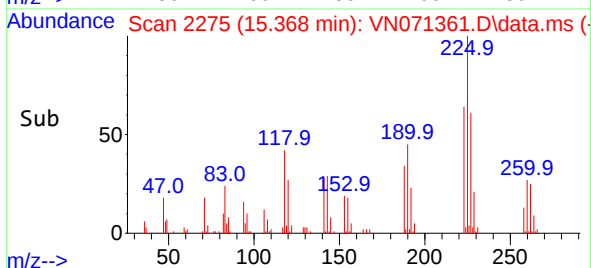
Supervised By :Semsettin Yesilyurt 03/21/2022

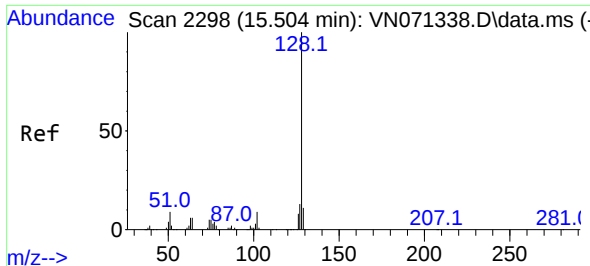


#90
Hexachlorobutadiene
Concen: 24.566 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



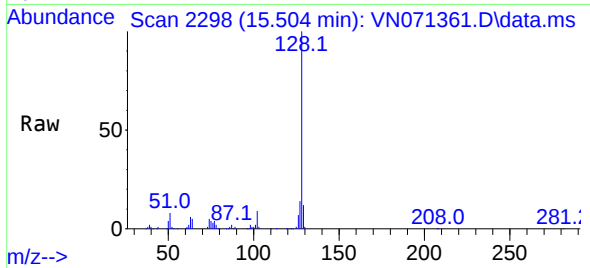
Tgt Ion:225 Resp: 71481
Ion Ratio Lower Upper
225 100
223 63.9 0.0 126.8
227 61.0 0.0 123.0





#91
Naphthalene
Concen: 21.877 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11

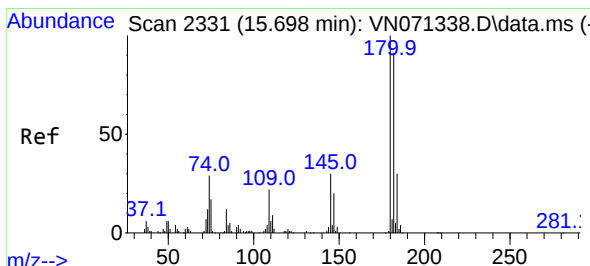
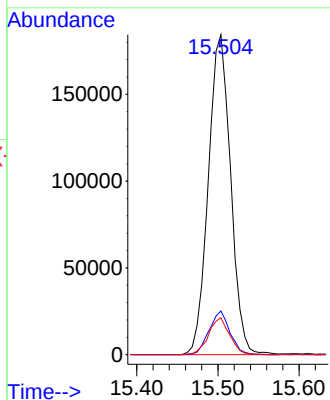
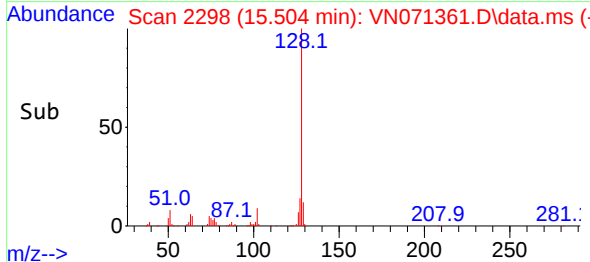
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



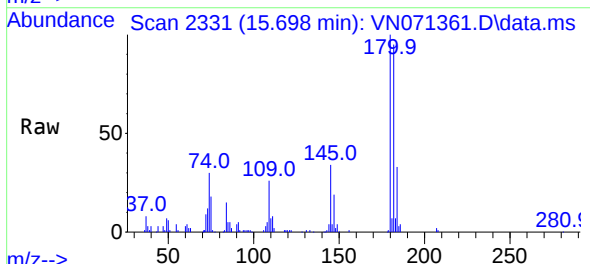
Tgt Ion:128 Resp: 35262
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 22.156 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071361.D
Acq: 17 Mar 2022 19:11



Tgt Ion:180 Resp: 117015
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.0
145 32.1 0.0 67.8

