

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071345.D
 Acq On : 17 Mar 2022 10:26
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 17 10:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	118023	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	677561	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	596447	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	283433	30.248	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.833%			
60) 4-Bromofluorobenzene	12.727	95	278862	30.263	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.867%			
63) Toluene-d8	10.439	98	851469	31.033	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	159629	20.917	ug/l	97
3) Chloromethane	2.299	50	201810	19.822	ug/l	98
4) Vinyl Chloride	2.440	62	190395	20.363	ug/l	99
5) Bromomethane	2.851	94	110248	23.528	ug/l	95
6) Chloroethane	3.016	64	123510	21.707	ug/l	94
7) Trichlorofluoromethane	3.375	101	243454	20.647	ug/l	93
8) Diethyl Ether	3.822	74	97826	19.101	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	142385	21.473	ug/l #	69
10) 1,1-Dichloroethene	4.181	96	132901	19.696	ug/l	94
11) Methyl Iodide	4.422	142	175689	18.909	ug/l	91
12) Methyl Acetate	4.851	43	231030	17.890	ug/l	93
13) Acrolein	4.040	56	143019	84.469	ug/l	99
14) Acrylonitrile	5.545	53	483896	89.880	ug/l	98
15) Acetone	4.281	58	170143	120.221	ug/l	97
16) Carbon Disulfide	4.534	76	368971	20.220	ug/l	96
17) Allyl chloride	4.840	41	271502	19.525	ug/l	83
18) Methylene Chloride	5.093	84	163216	19.838	ug/l	91
19) trans-1,2-Dichloroethene	5.592	96	142886	20.148	ug/l	91
20) Diisopropyl ether	6.492	45	557848	19.933	ug/l	95
21) 1,1-Dichloroethane	6.387	63	292486	19.640	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	171906	19.998	ug/l	94
23) tert-Butyl Alcohol	5.351	59	166890	83.805	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	504216	19.579	ug/l	96
25) Chloroform	7.816	83	284293	19.877	ug/l	98
26) Cyclohexane	8.092	56	276449	20.507	ug/l #	90
29) 1,1-Dichloropropene	8.216	75	217322	19.930	ug/l	96
30) 2-Butanone	7.328	43	743843	96.340	ug/l	95
31) 2,2-Dichloropropane	7.322	77	247554	24.218	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	245554	19.311	ug/l	96
33) Carbon Tetrachloride	8.198	117	209529	19.380	ug/l	99
34) Benzene	8.457	78	650123	19.262	ug/l	98
35) Methacrylonitrile	7.628	41	144883	19.367	ug/l	89
36) 1,2-Dichloroethane	8.528	62	231103	19.173	ug/l	96
37) Trichloroethene	9.216	130	158366	19.690	ug/l	98
38) Methylcyclohexane	9.457	83	267643	20.452	ug/l	93
39) 1,2-Dichloropropane	9.486	63	171913	19.215	ug/l	100
40) Dibromomethane	9.575	93	106611	18.836	ug/l	90
41) Bromodichloromethane	9.757	83	221614	19.419	ug/l	93
42) Vinyl Acetate	6.428	43	2403600	95.264	ug/l	98

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Manual Integrations
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Quant Time: Mar 17 10:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	270171	17.993	ug/l	99
44) Isopropyl Acetate	8.557	43	444519	18.410	ug/l	97
45) 1,4-Dioxane	9.563	88	71875	334.258	ug/l	90
46) Methyl methacrylate	9.557	41	187453	17.548	ug/l	79
47) n-amyl Acetate	12.380	43	276426	17.258	ug/l	100
48) t-1,3-Dichloropropene	10.716	75	240280	19.331	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	264573	19.686	ug/l	94
50) 1,1,2-Trichloroethane	10.892	97	154496	18.745	ug/l	99
51) Ethyl methacrylate	10.757	69	257463	18.158	ug/l	88
52) 1,3-Dichloropropane	11.039	76	284386	19.159	ug/l	99
53) Dibromochloromethane	11.233	129	161941	18.848	ug/l	100
54) 1,2-Dibromoethane	11.339	107	160747	18.809	ug/l	95
55) 2-Chloroethyl vinyl ether	10.033	63	294599	68.510	ug/l	98
56) Bromoform	12.457	173	114208	17.235	ug/l #	96
58) 4-Methyl-2-Pentanone	10.327	43	1340394	93.589	ug/l	98
59) 2-Hexanone	11.080	43	994395	93.403	ug/l	98
61) Tetrachloroethene	10.974	164	133543	20.524	ug/l	92
62) Toluene	10.498	91	689345	20.214	ug/l	95
64) Chlorobenzene	11.763	112	409797	19.814	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	152961	19.934	ug/l	100
66) Ethyl Benzene	11.839	91	742994	19.771	ug/l	100
67) m/p-Xylenes	11.951	106	567965	40.217	ug/l	99
68) o-Xylene	12.274	106	280321	19.721	ug/l	99
69) Styrene	12.286	104	434582	19.404	ug/l	98
70) Isopropylbenzene	12.574	105	721720	20.074	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	240346	19.269	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	221673m	19.554	ug/l	
73) Bromobenzene	12.857	156	167297	19.873	ug/l	94
74) n-propylbenzene	12.916	91	789866	19.933	ug/l	99
75) 2-Chlorotoluene	13.004	91	491908	19.804	ug/l	97
76) 1,3,5-Trimethylbenzene	13.057	105	573709	20.103	ug/l	98
77) t-1,4-Dichloro-2-butene	12.621	75	72391	19.285	ug/l	98
78) 4-Chlorotoluene	13.098	91	461120	20.035	ug/l	97
79) tert-butylbenzene	13.321	119	517856	19.870	ug/l	95
80) 1,2,4-Trimethylbenzene	13.363	105	553716	20.001	ug/l #	81
81) sec-Butylbenzene	13.498	105	686868	19.799	ug/l	100
82) p-Isopropyltoluene	13.610	119	554408	19.870	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	276203	20.097	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	261969	20.022	ug/l	99
85) n-Butylbenzene	13.939	91	417453	20.094	ug/l	97
86) Hexachloroethane	14.204	117	101106	19.027	ug/l	85
87) 1,2-Dichlorobenzene	13.986	146	273105	20.486	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	42681	17.818	ug/l	92
89) 1,2,4-Trichlorobenzene	15.257	180	116871	18.932	ug/l	98
90) Hexachlorobutadiene	15.362	225	78831	22.601	ug/l	99
91) Naphthalene	15.504	128	318914	16.505	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	116675	18.429	ug/l	99

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

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 ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :

VSTDCCC020

Manual Integrations

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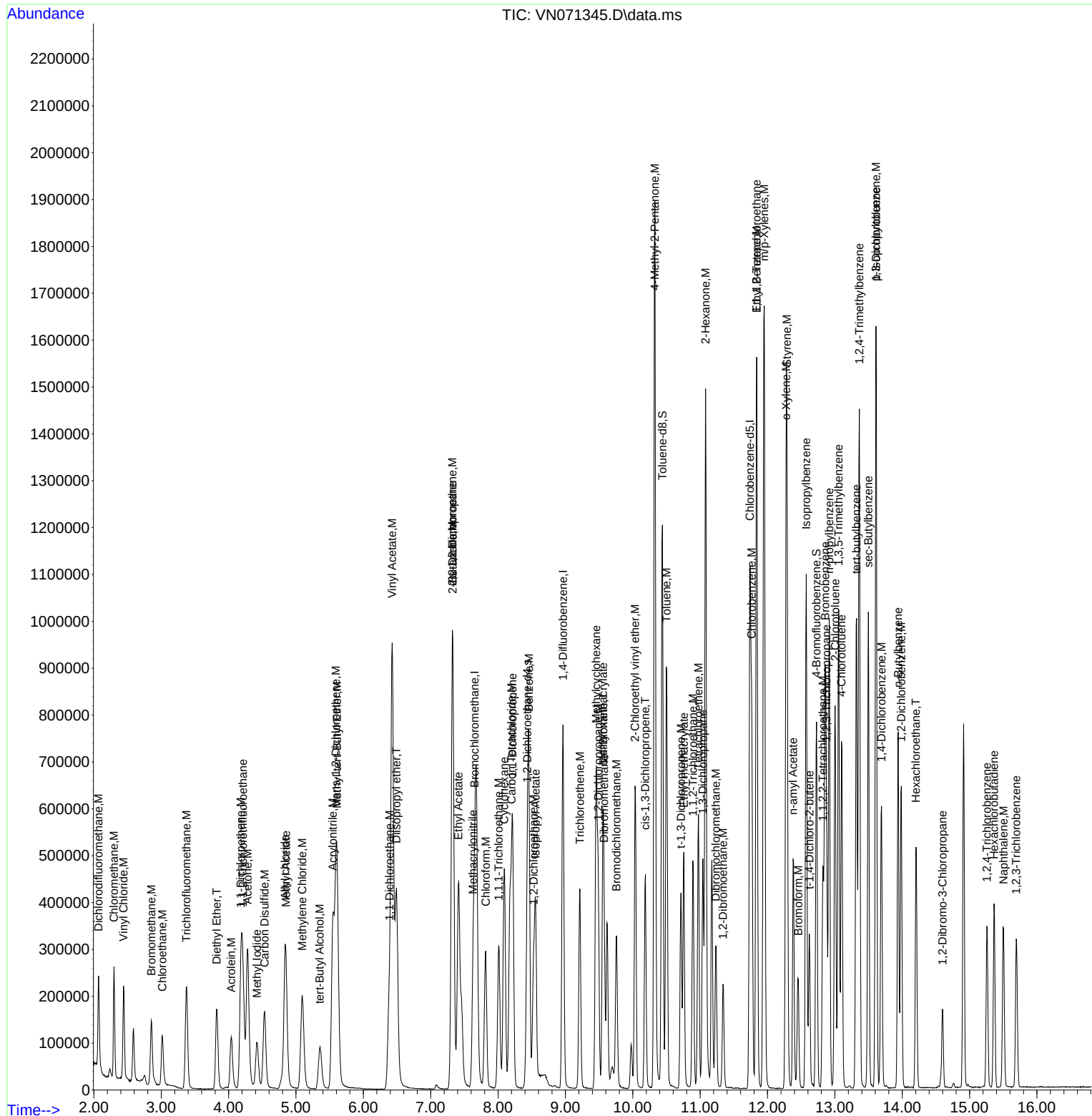
Quant Time: Mar 17 10:44:00 2022

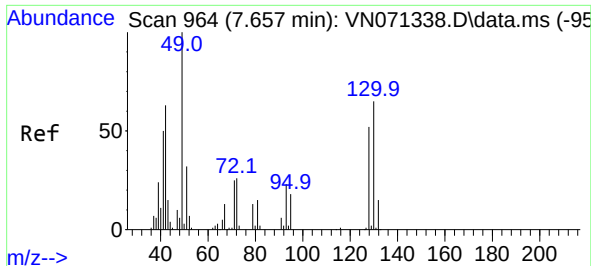
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Mar 17 06:37:08 2022

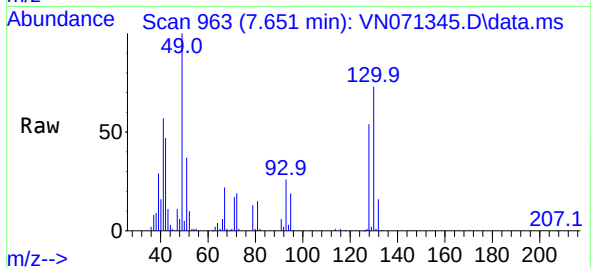
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

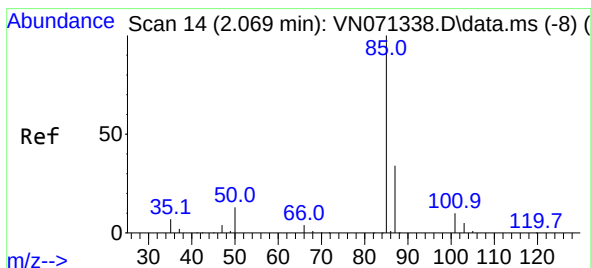
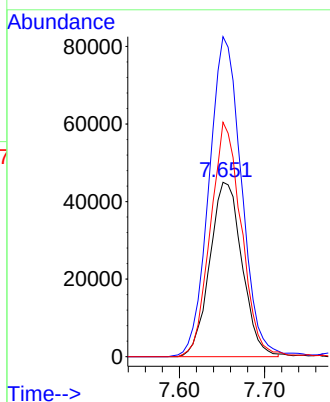
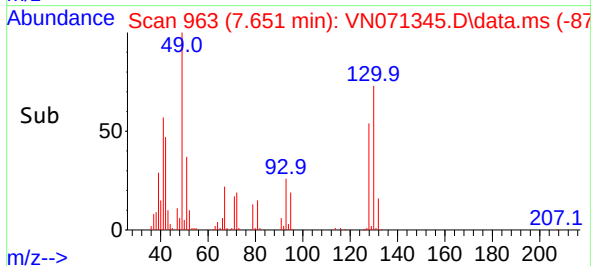
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



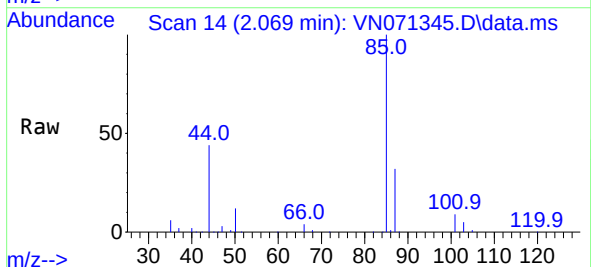
Tgt Ion:128 Resp: 11802
Ion Ratio Lower Upper
128 100
49 184.3 0.0 392.3
130 129.0 0.0 320.2

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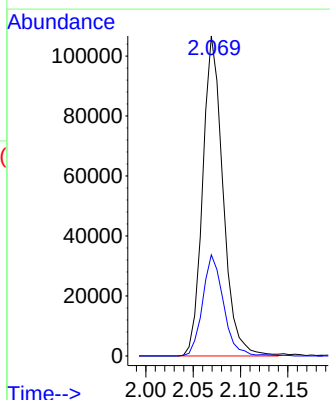
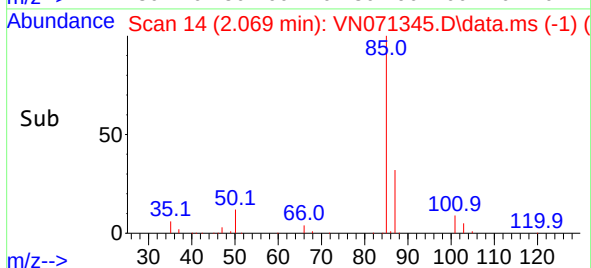
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

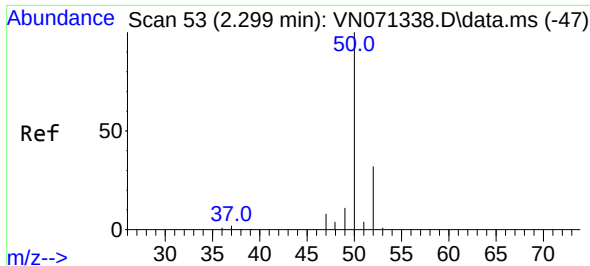


#2
Dichlorodifluoromethane
Concen: 20.917 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion: 85 Resp: 159629
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.7





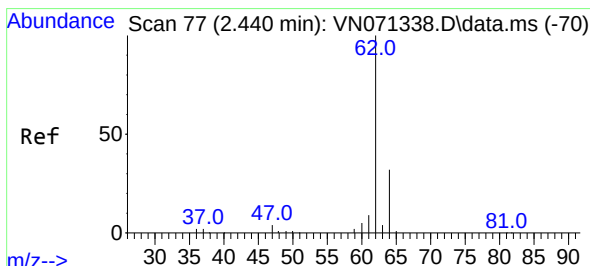
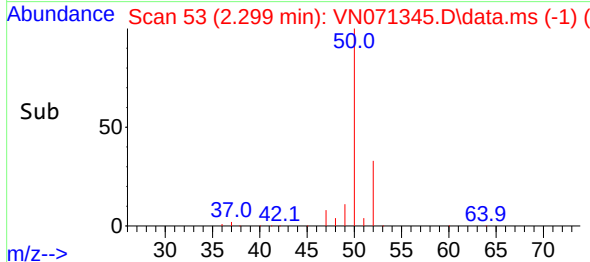
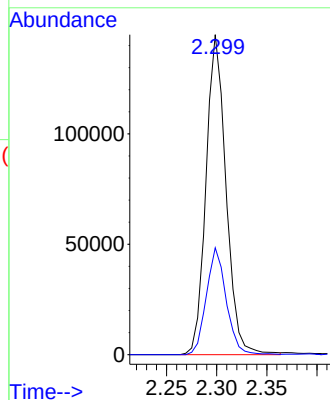
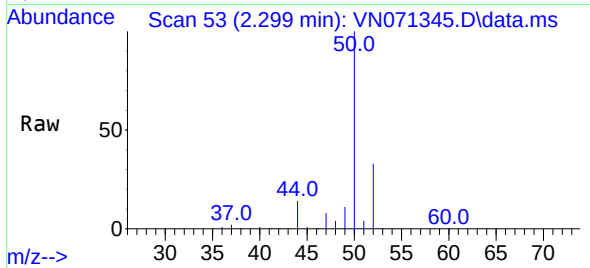
#3
Chloromethane
Concen: 19.822 ug/l
RT: 2.299 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 201810
Ion Ratio Lower Upper
50 100
52 33.4 27.8 41.6

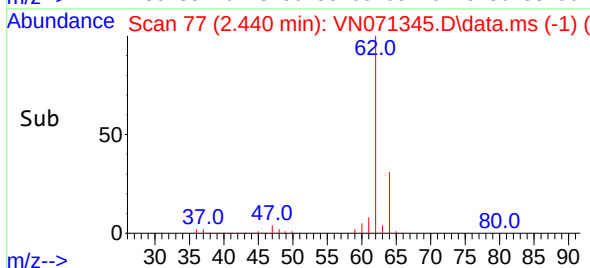
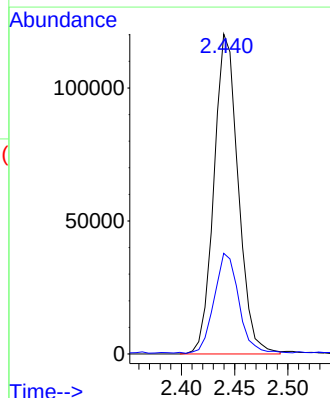
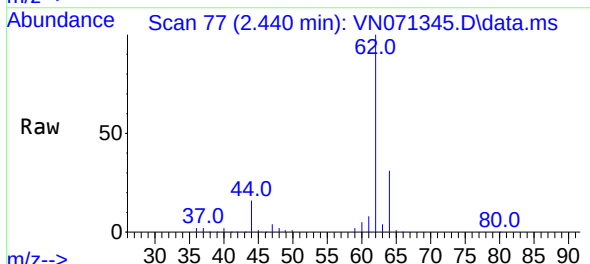
Manual Integrations
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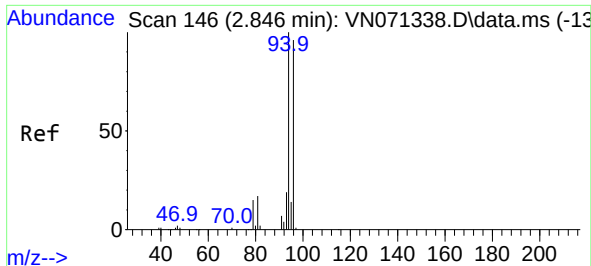
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#4
Vinyl Chloride
Concen: 20.363 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

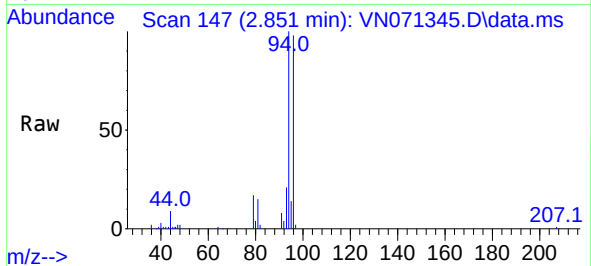
Tgt Ion: 62 Resp: 190395
Ion Ratio Lower Upper
62 100
64 30.9 25.1 37.7





#5
Bromomethane
Concen: 23.528 ug/l
RT: 2.851 min Scan# 146
Delta R.T. 0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

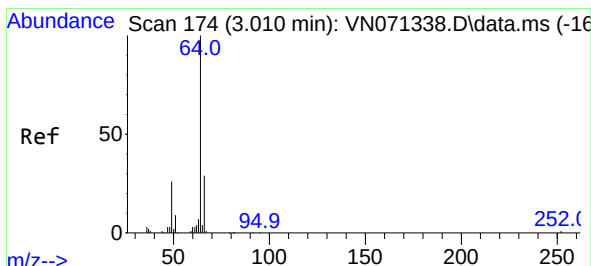
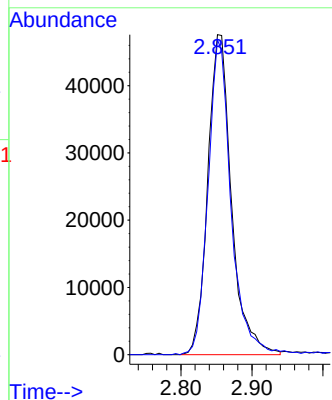
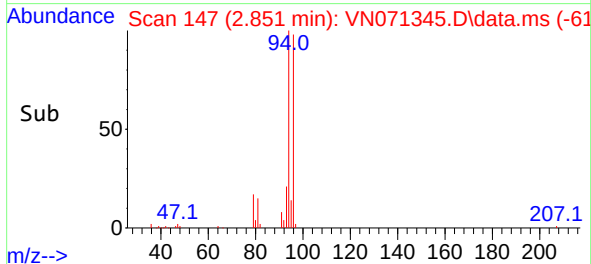
Instrument :
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ClientSampleId :
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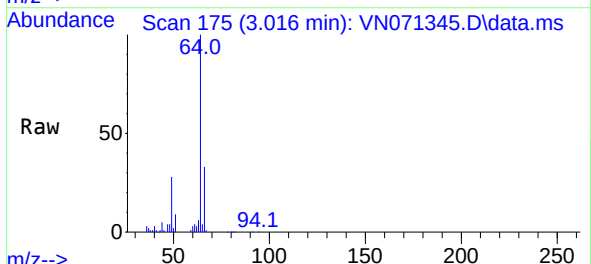
Tgt Ion: 94 Resp: 110248
Ion Ratio Lower Upper
94 100
96 98.4 75.2 112.8

Manual Integrations
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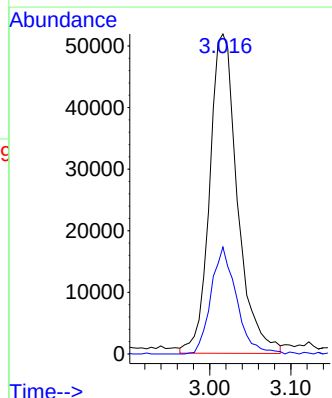
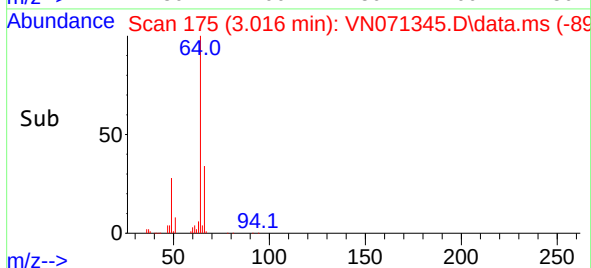
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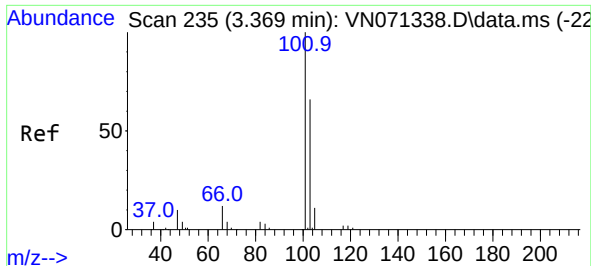


#6
Chloroethane
Concen: 21.707 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071345.D
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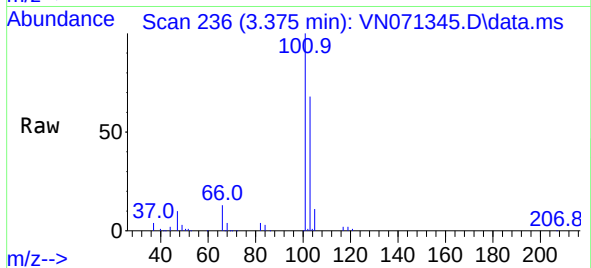
Tgt Ion: 64 Resp: 123510
Ion Ratio Lower Upper
64 100
66 34.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 20.647 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071345.D
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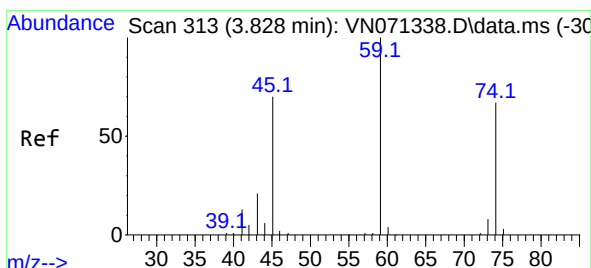
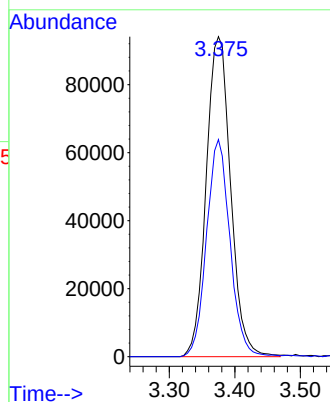
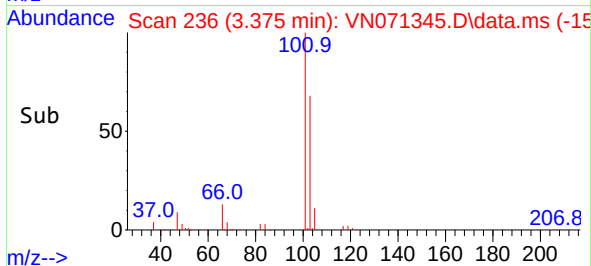
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ClientSampleId :
VSTDCCC020



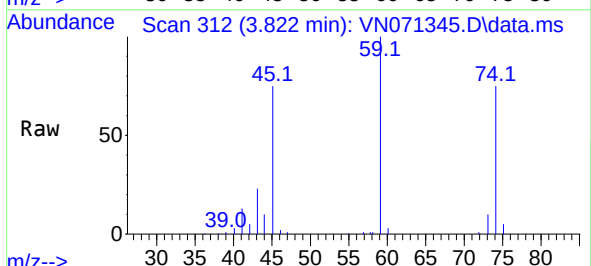
Tgt Ion:101 Resp: 243454
Ion Ratio Lower Upper
101 100
103 67.9 50.1 75.1

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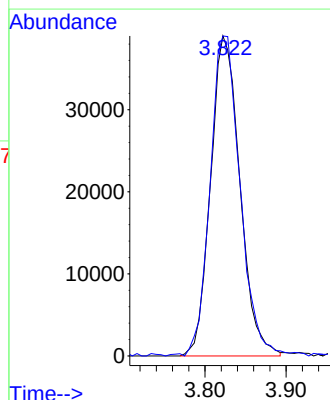
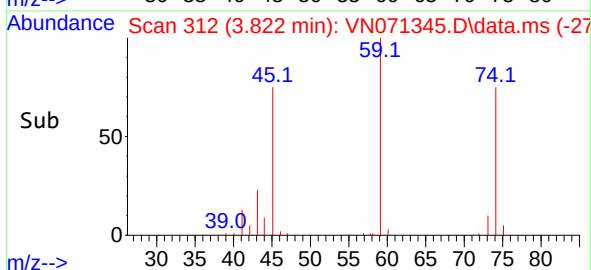
Reviewed By :John Carlone 03/18/2022
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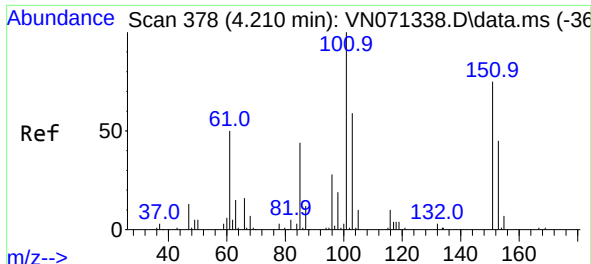


#8
Diethyl Ether
Concen: 19.101 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



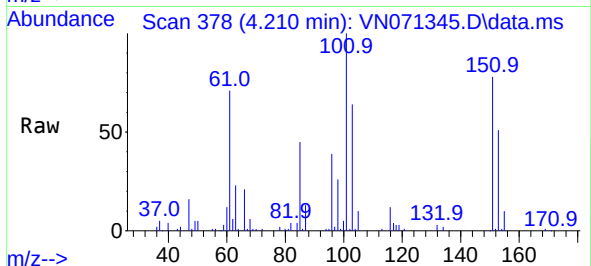
Tgt Ion: 74 Resp: 97826
Ion Ratio Lower Upper
74 100
45 101.9 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.473 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

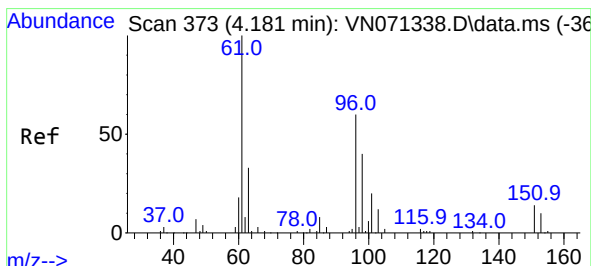
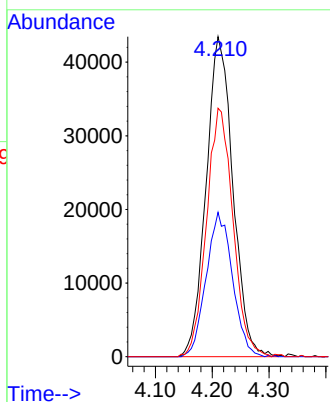
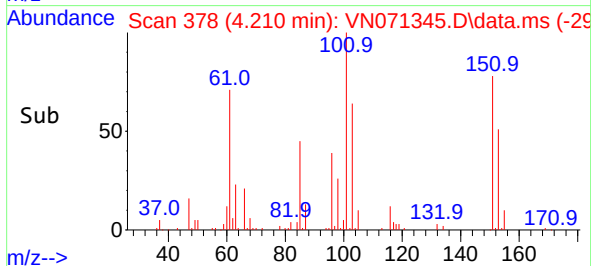
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



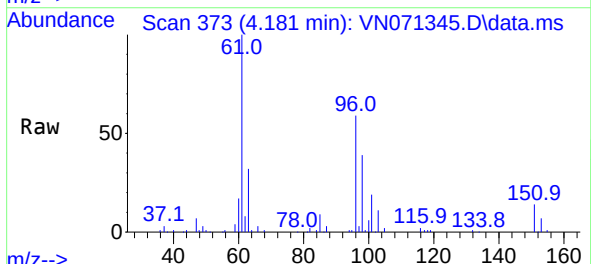
Tgt Ion:101 Resp: 142385
Ion Ratio Lower Upper
101 100
85 44.2 0.0 94.0
151 76.5 0.0 74.6

Manual Integrations
APPROVED

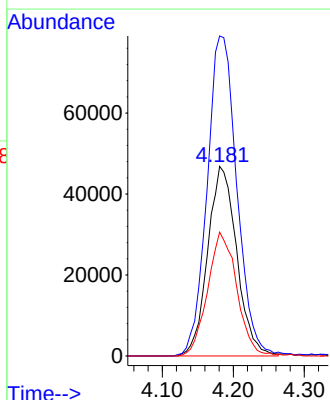
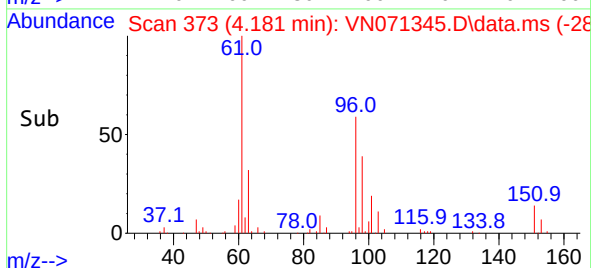
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

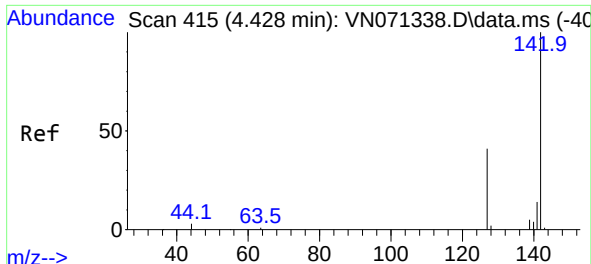


#10
1,1-Dichloroethene
Concen: 19.696 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



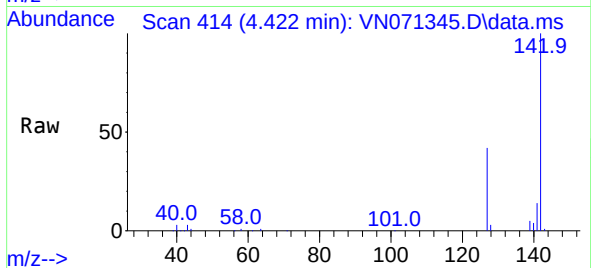
Tgt Ion: 96 Resp: 132901
Ion Ratio Lower Upper
96 100
61 168.1 126.2 189.4
98 65.4 50.9 76.3





#11
Methyl Iodide
Concen: 18.909 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

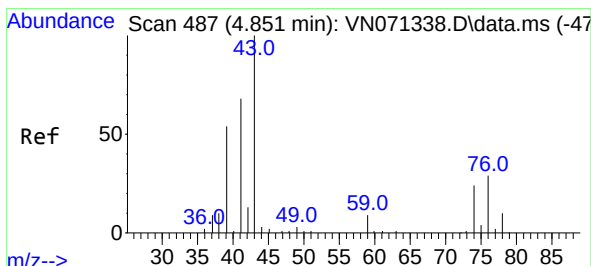
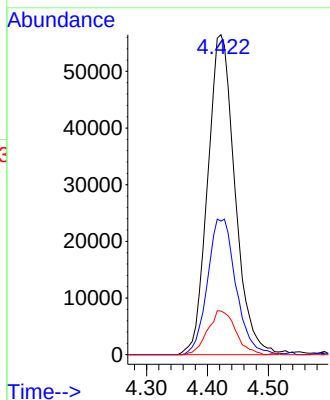
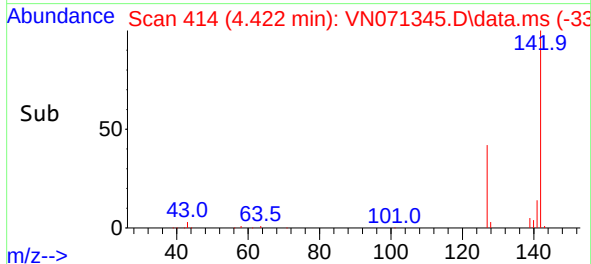
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 175689
Ion Ratio Lower Upper
142 100
127 41.8 24.0 72.0
141 13.6 8.4 25.2

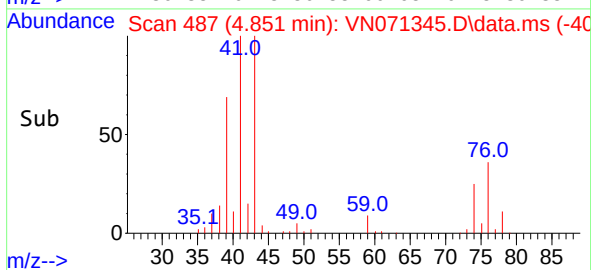
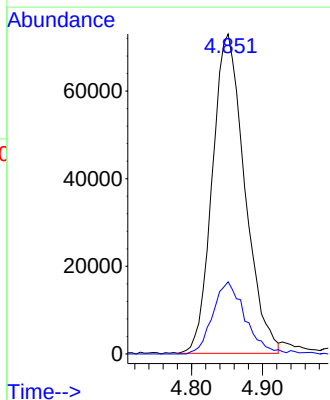
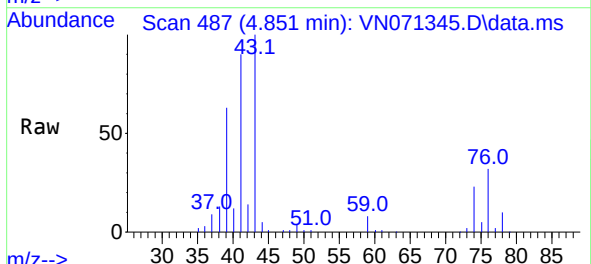
Manual Integrations
APPROVED

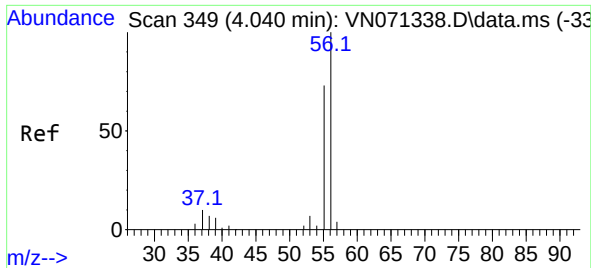
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#12
Methyl Acetate
Concen: 17.890 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

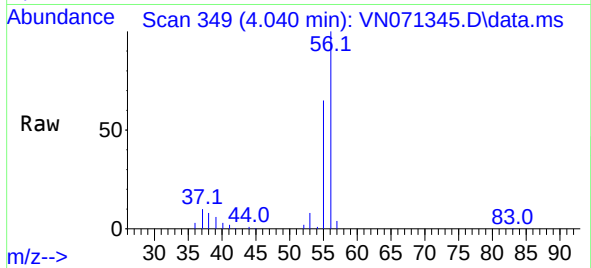
Tgt Ion: 43 Resp: 231030
Ion Ratio Lower Upper
43 100
74 22.3 20.8 31.2





#13
Acrolein
Concen: 84.469 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

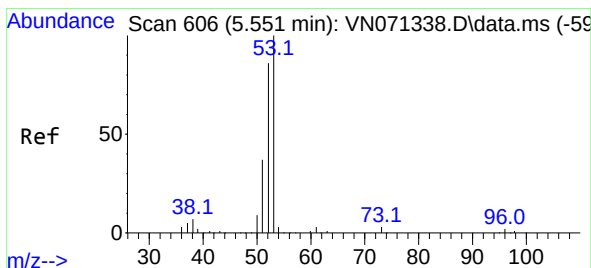
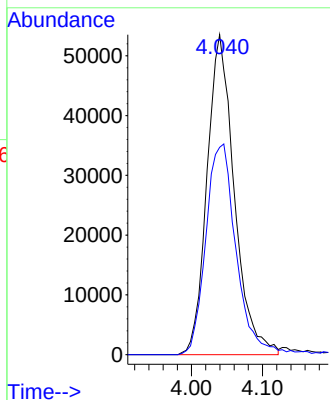
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 143019
Ion Ratio Lower Upper
56 100
55 72.6 57.6 86.4

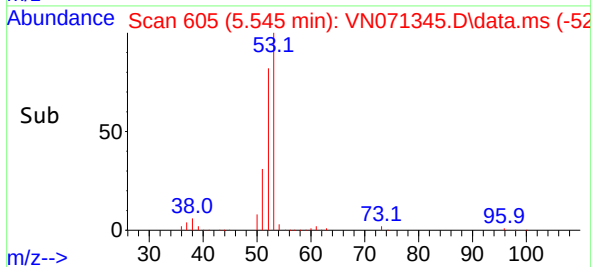
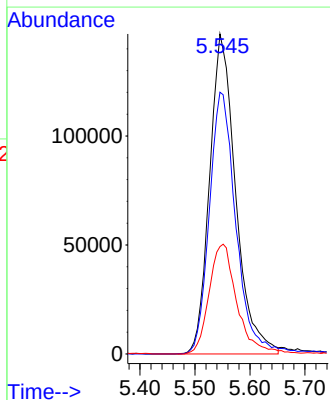
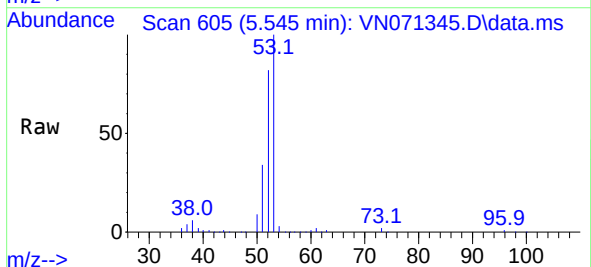
Manual Integrations
APPROVED

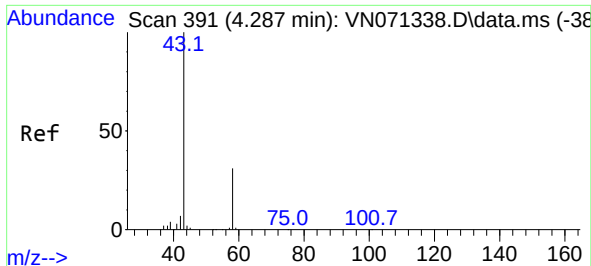
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#14
Acrylonitrile
Concen: 89.880 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 53 Resp: 483896
Ion Ratio Lower Upper
53 100
52 82.7 41.8 125.4
51 35.9 19.0 57.0





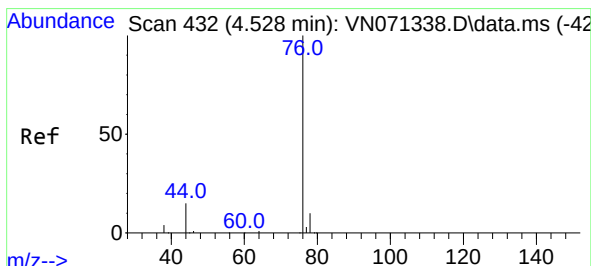
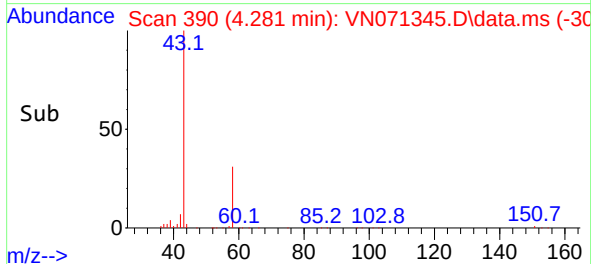
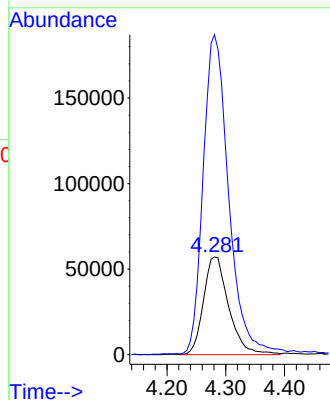
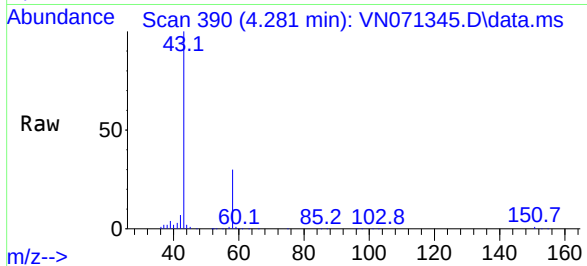
#15
Acetone
Concen: 120.221 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 17014
Ion Ratio Lower Upper
58 100
43 327.2 256.6 384.8

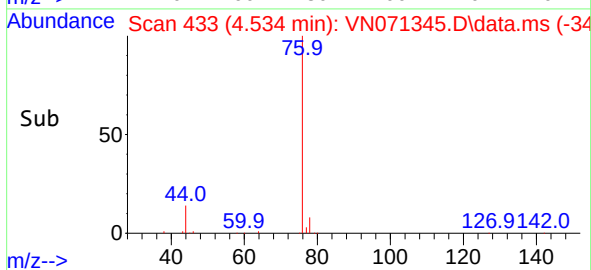
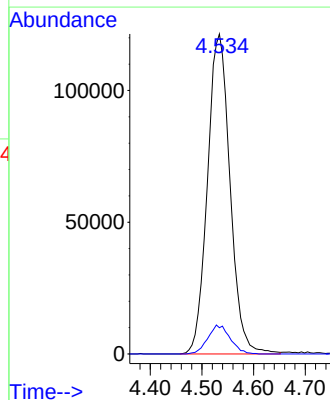
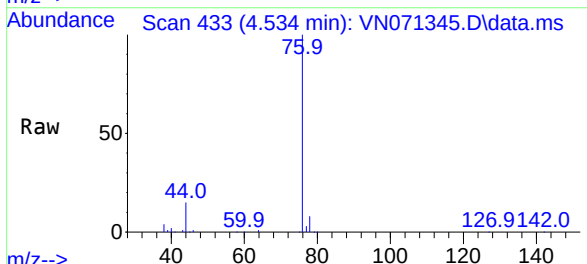
Manual Integrations
APPROVED

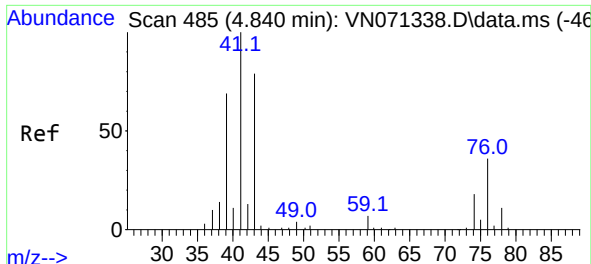
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#16
Carbon Disulfide
Concen: 20.220 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 76 Resp: 368971
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8





#17
 Allyl chloride
 Concen: 19.525 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN071345.D
 Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

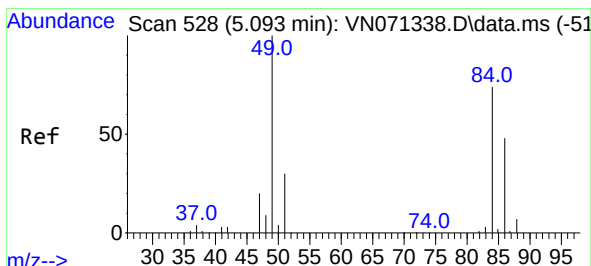
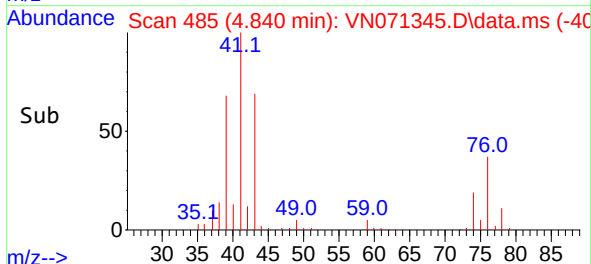
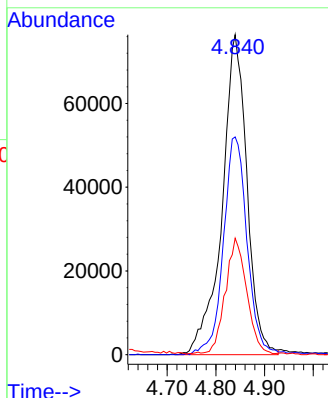
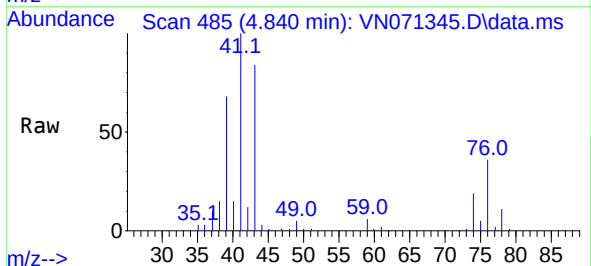
VSTDCCC020

Tgt Ion: 41 Resp: 27150
 Ion Ratio Lower Upper
 41 100
 39 68.0 44.6 134.0
 76 36.0 19.6 58.7

Manual Integrations

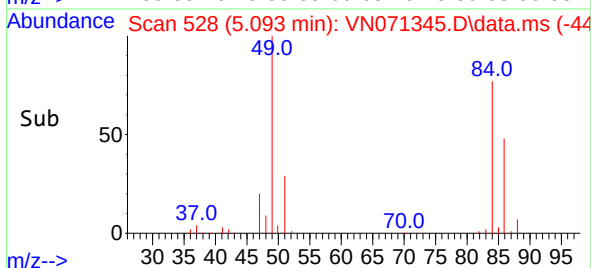
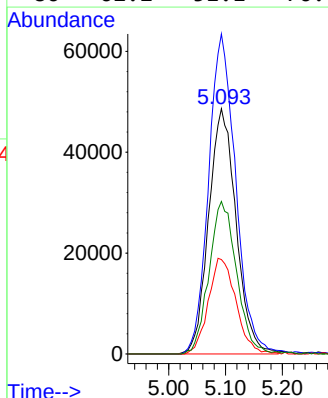
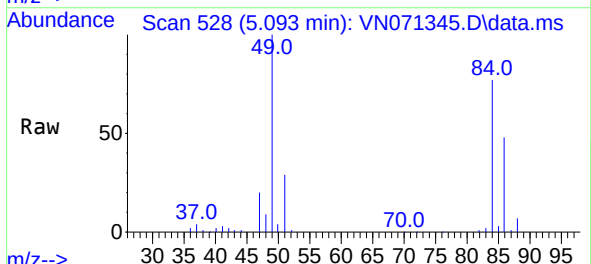
APPROVED

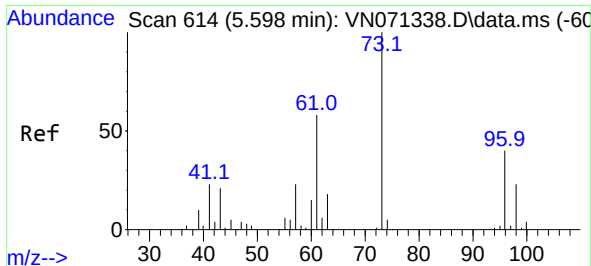
Reviewed By :John Carlone 03/18/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022



#18
 Methylene Chloride
 Concen: 19.838 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. -0.000 min
 Lab File: VN071345.D
 Acq: 17 Mar 2022 10:26

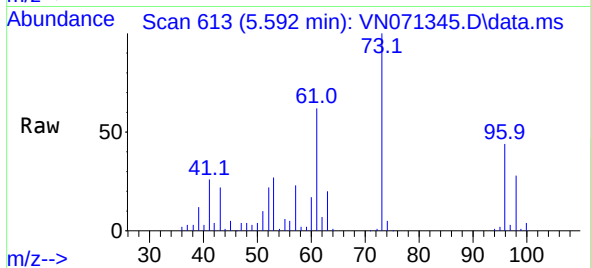
Tgt Ion: 84 Resp: 163216
 Ion Ratio Lower Upper
 84 100
 49 130.4 91.4 137.0
 51 38.4 29.4 44.0
 86 62.2 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.148 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

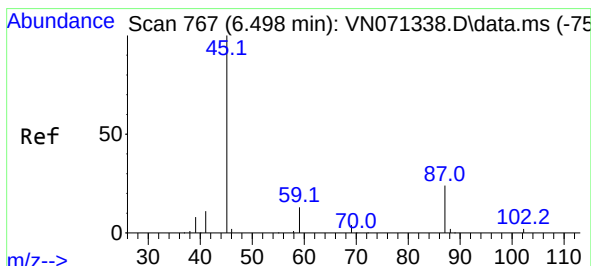
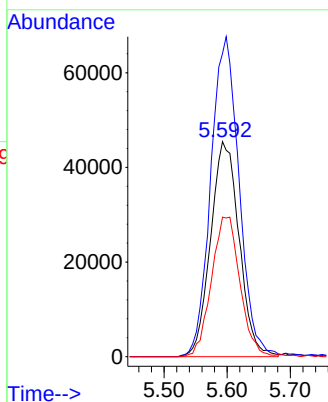
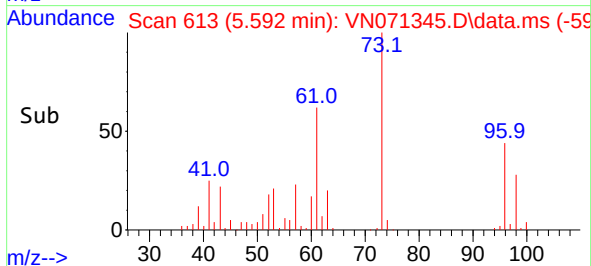
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



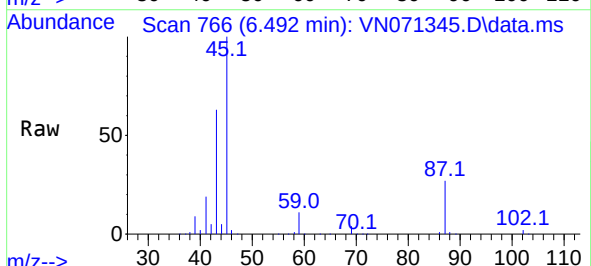
Tgt Ion: 96 Resp: 142880
Ion Ratio Lower Upper
96 100
61 141.0 102.8 154.2
98 64.9 49.3 73.9

Manual Integrations
APPROVED

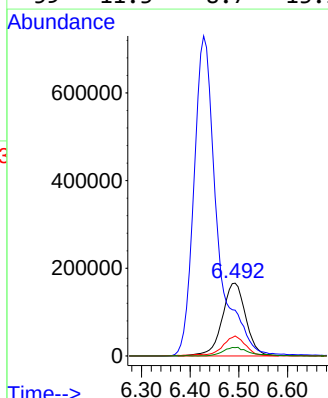
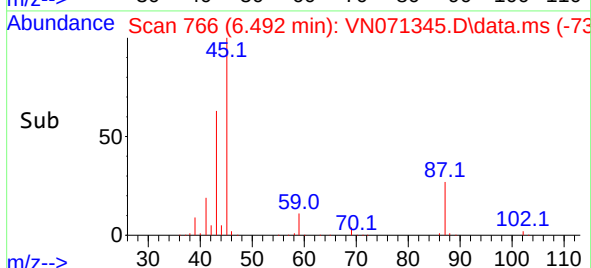
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

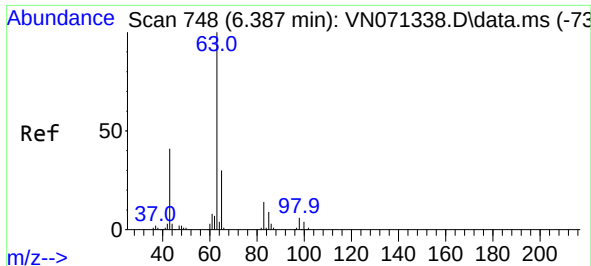


#20
Diisopropyl ether
Concen: 19.933 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



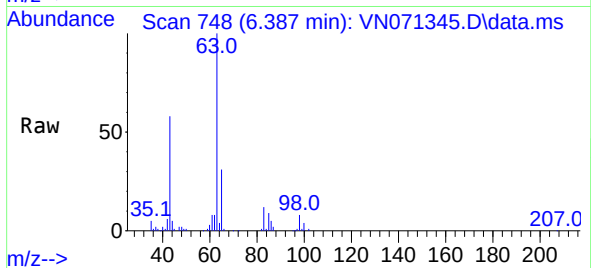
Tgt Ion: 45 Resp: 557848
Ion Ratio Lower Upper
45 100
43 60.2 51.0 76.4
87 27.2 25.0 37.4
59 11.3 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.640 ug/l
RT: 6.387 min Scan# 748
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

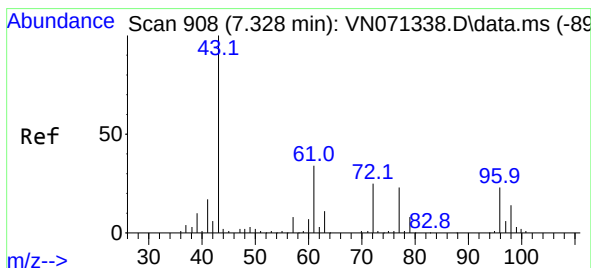
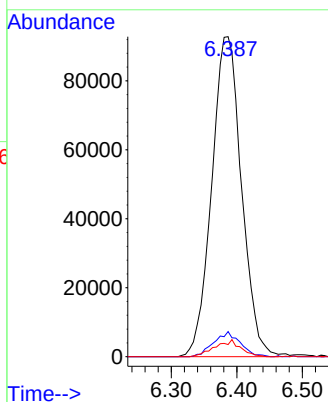
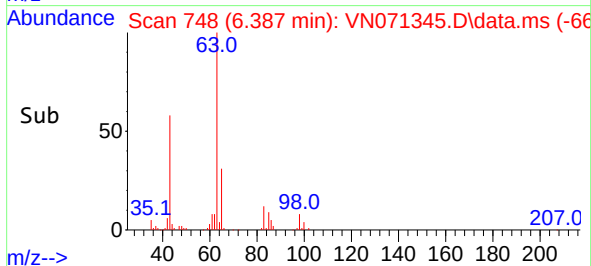
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



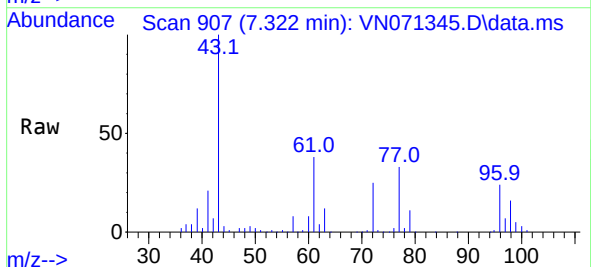
Tgt Ion: 63 Resp: 292480
Ion Ratio Lower Upper
63 100
98 7.8 3.2 9.6
100 3.8 2.1 6.2

Manual Integrations
APPROVED

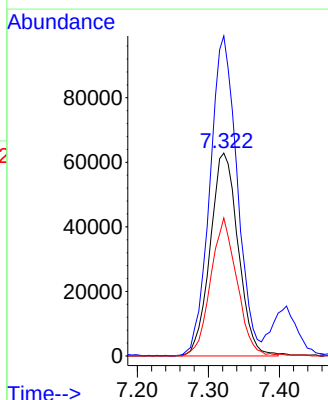
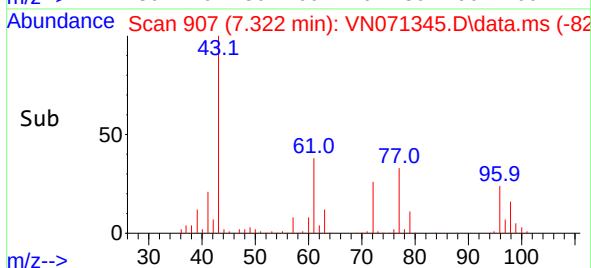
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

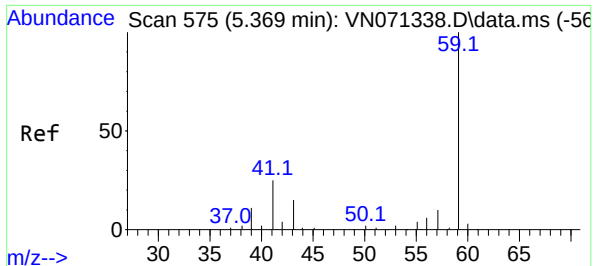


#22
cis-1,2-Dichloroethene
Concen: 19.998 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion: 96 Resp: 171906
Ion Ratio Lower Upper
96 100
61 154.3 115.7 173.5
98 63.6 51.6 77.4





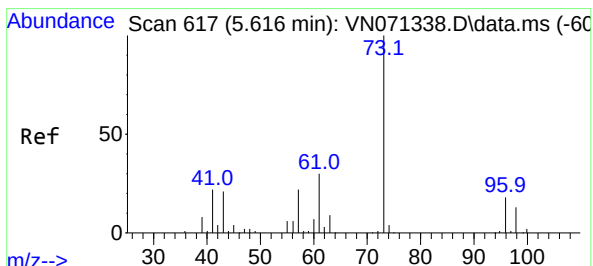
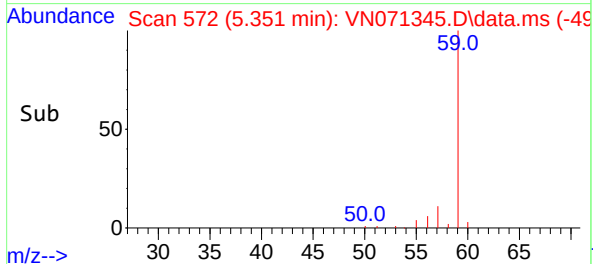
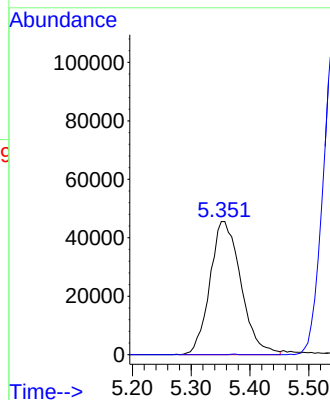
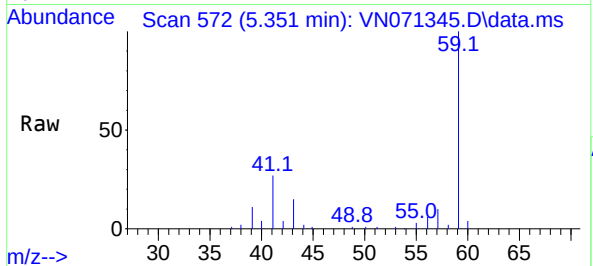
#23
tert-Butyl Alcohol
Concen: 83.805 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 166890
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

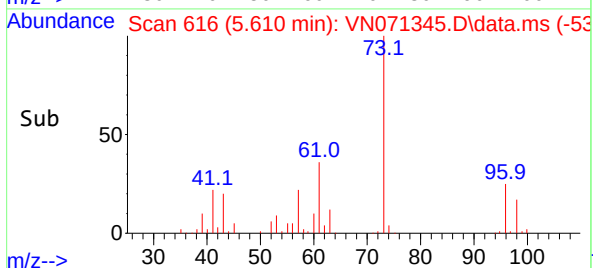
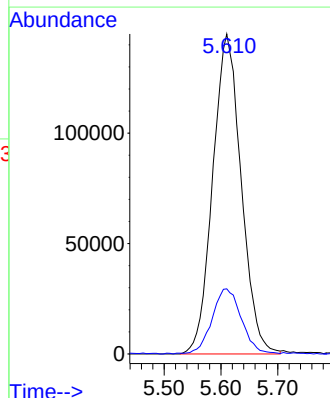
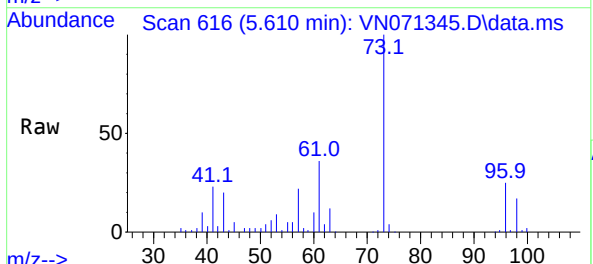
Manual Integrations
APPROVED

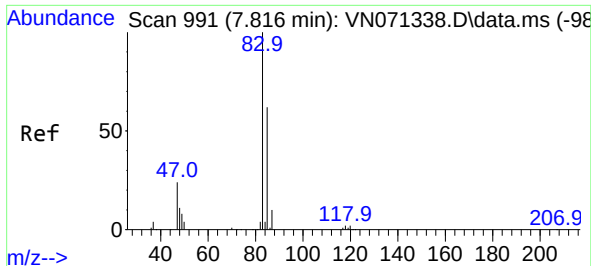
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#24
Methyl tert-Butyl Ether
Concen: 19.579 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

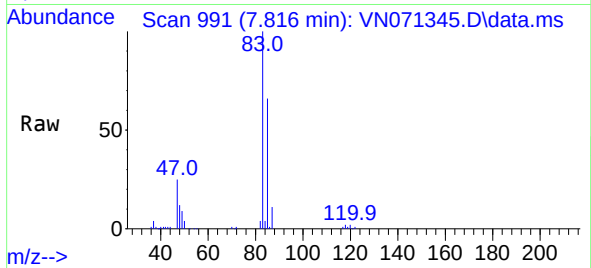
Tgt Ion: 73 Resp: 504216
Ion Ratio Lower Upper
73 100
43 20.8 18.1 27.1





#25
Chloroform
Concen: 19.877 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

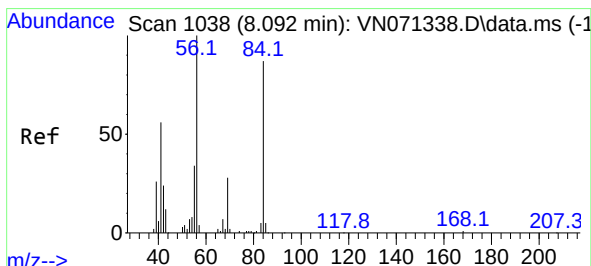
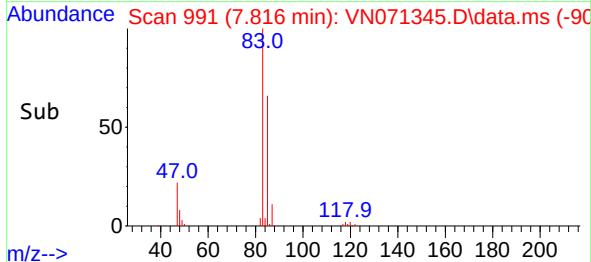
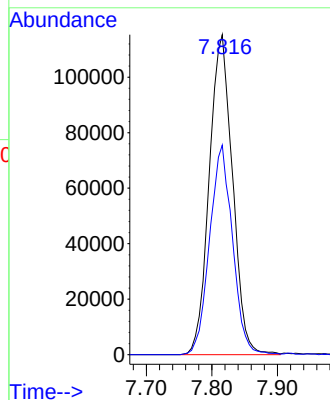
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 28429
Ion Ratio Lower Upper
83 100
85 65.5 51.3 76.9

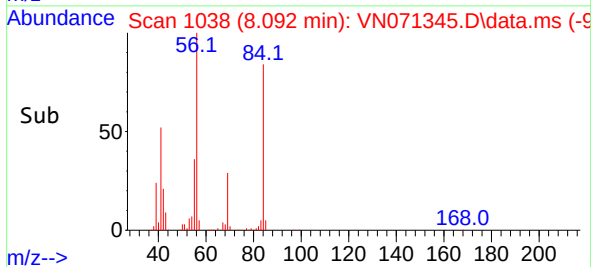
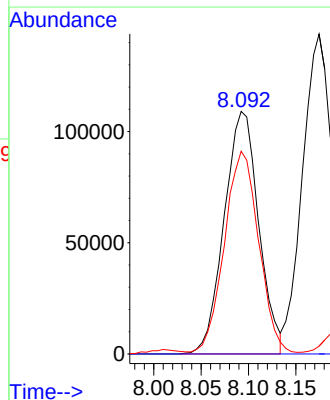
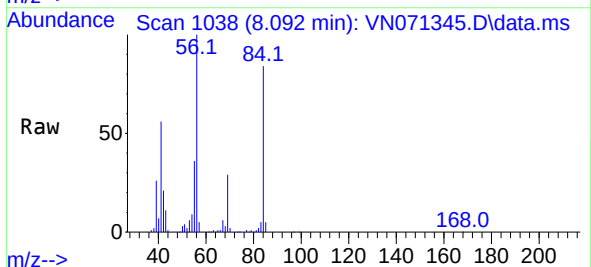
Manual Integrations
APPROVED

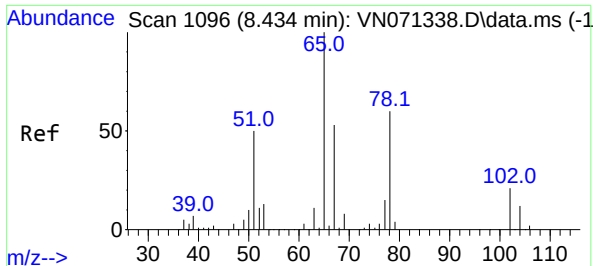
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#26
Cyclohexane
Concen: 20.507 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 56 Resp: 276449
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.6 74.6 111.8





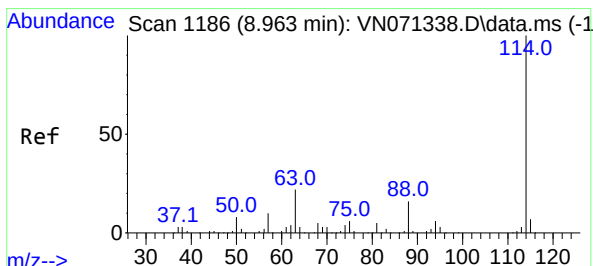
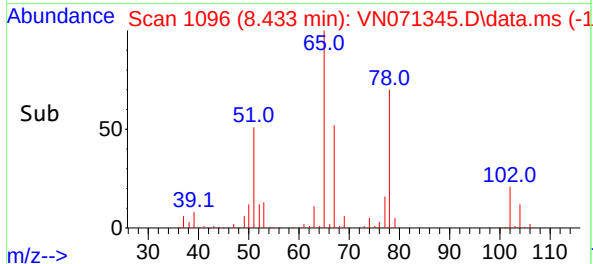
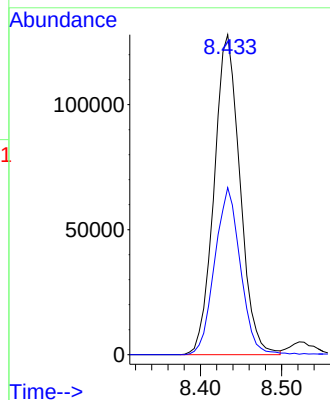
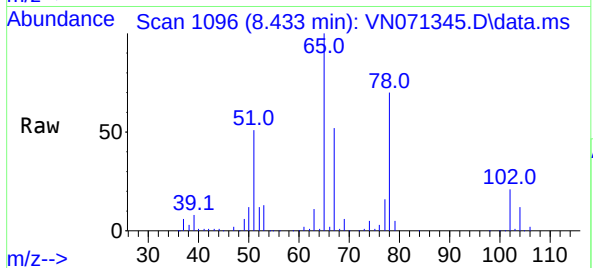
#27
1,2-Dichloroethane-d4
Concen: 30.248 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 28343
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2

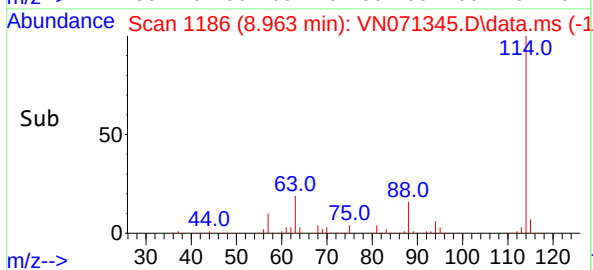
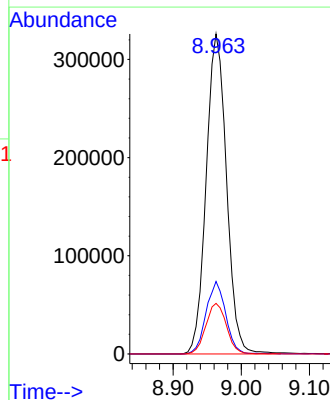
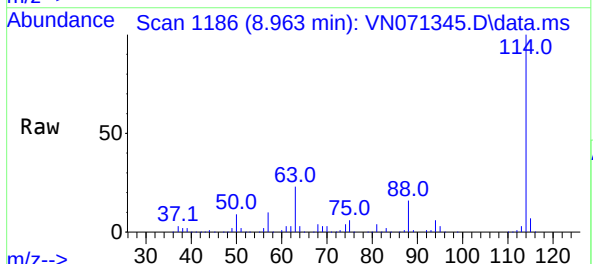
Manual Integrations
APPROVED

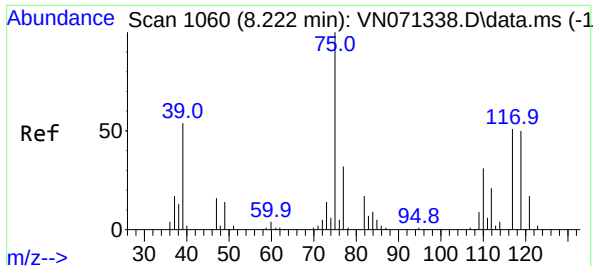
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

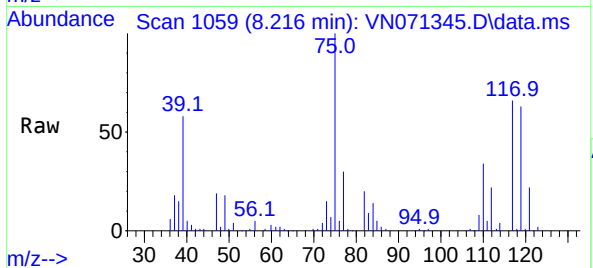
Tgt Ion:114 Resp: 677561
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 16.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.930 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

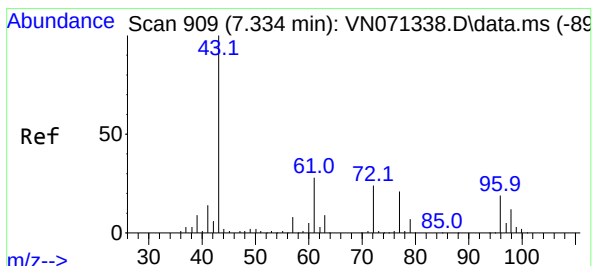
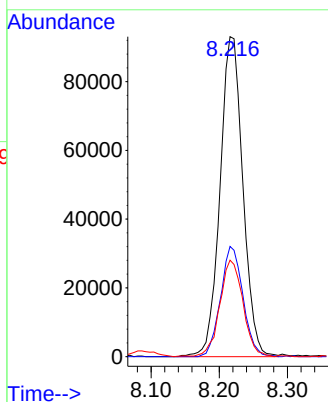
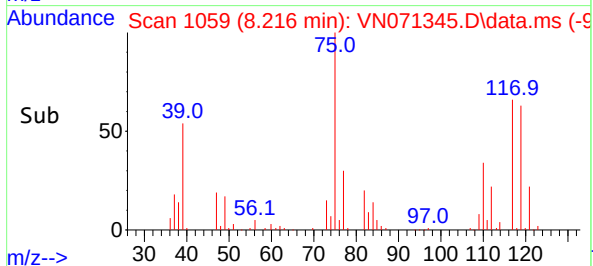
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



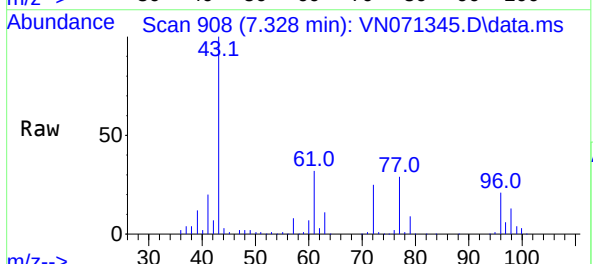
Tgt Ion: 75 Resp: 21732
Ion Ratio Lower Upper
75 100
110 33.7 0.0 74.2
77 30.5 0.0 63.2

Manual Integrations
APPROVED

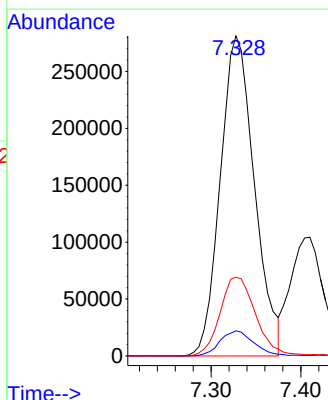
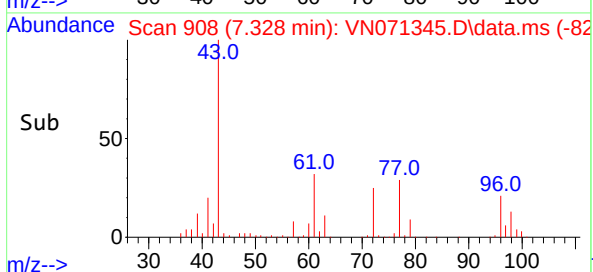
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

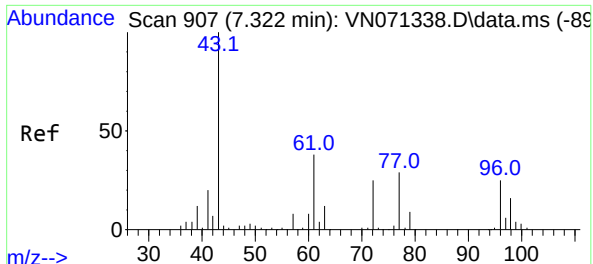


#30
2-Butanone
Concen: 96.340 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



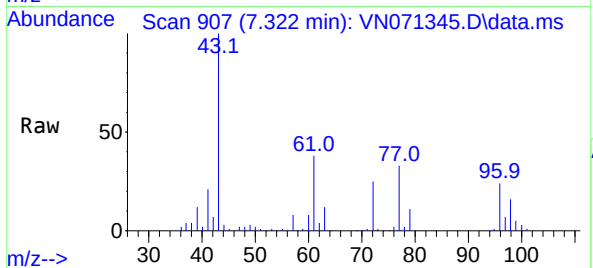
Tgt Ion: 43 Resp: 743843
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 24.218 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

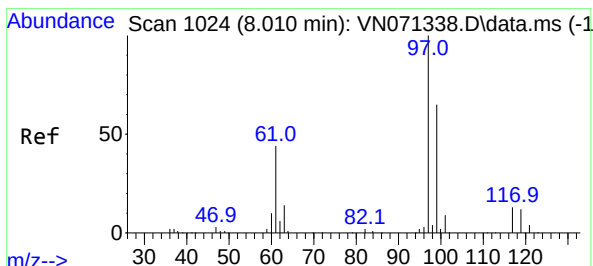
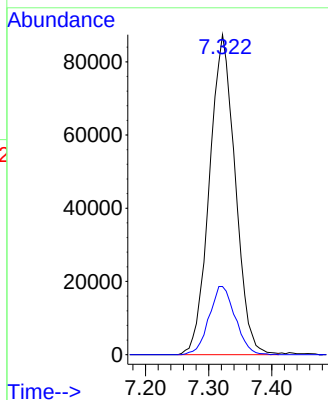
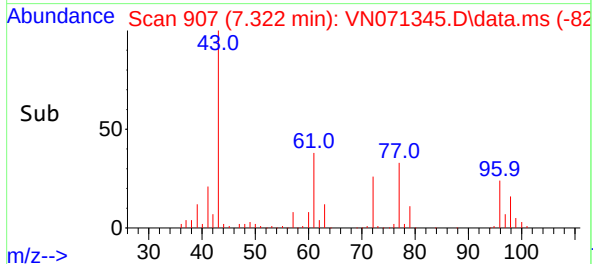
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



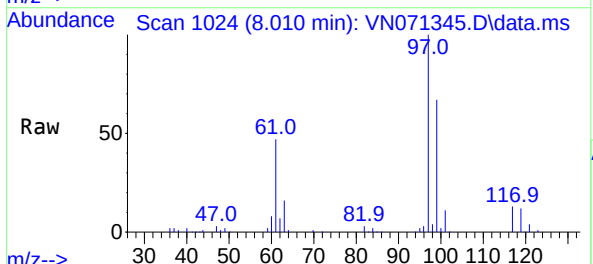
Tgt Ion: 77 Resp: 247554
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

Manual Integrations
APPROVED

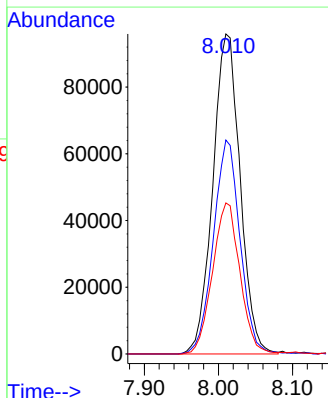
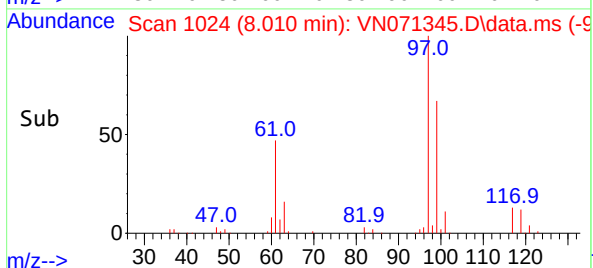
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

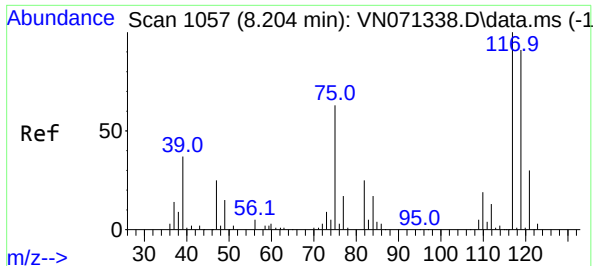


#32
1,1,1-Trichloroethane
Concen: 19.311 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



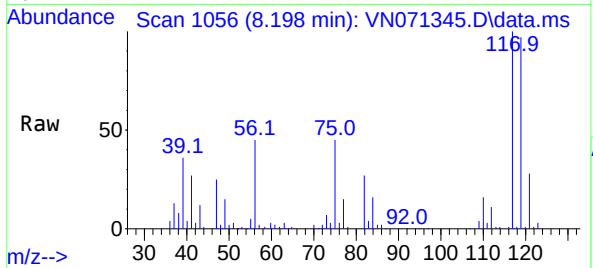
Tgt Ion: 97 Resp: 245554
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 47.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.380 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

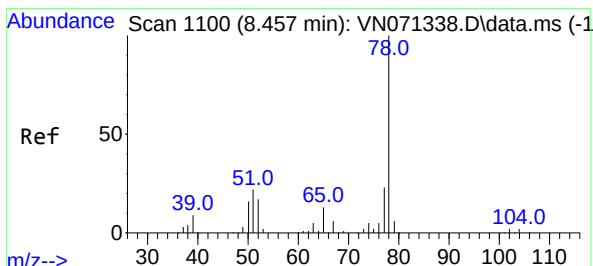
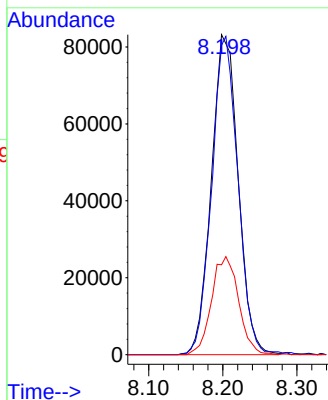
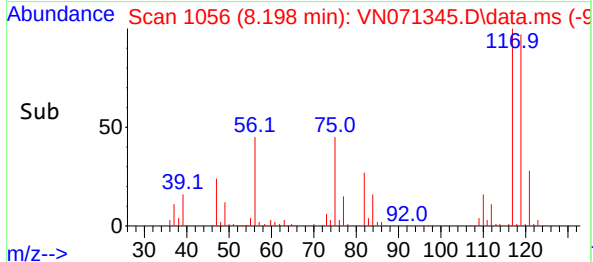
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



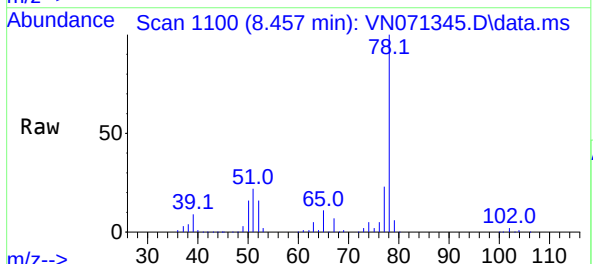
Tgt Ion:117 Resp: 209529
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
121 28.1 23.5 35.3

Manual Integrations
APPROVED

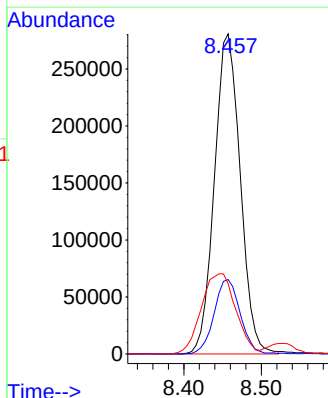
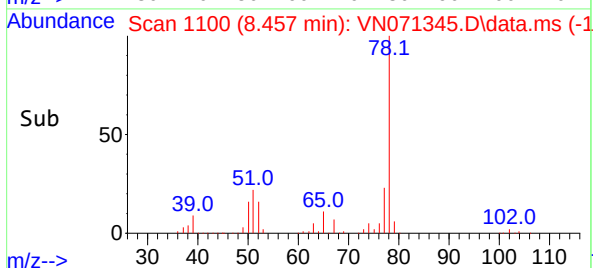
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

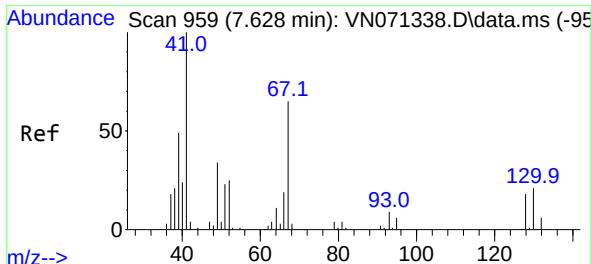


#34
Benzene
Concen: 19.262 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion: 78 Resp: 650123
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7
51 21.6 16.0 24.0





#35
Methacrylonitrile
Concen: 19.367 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

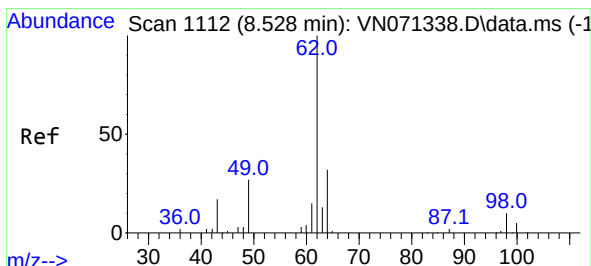
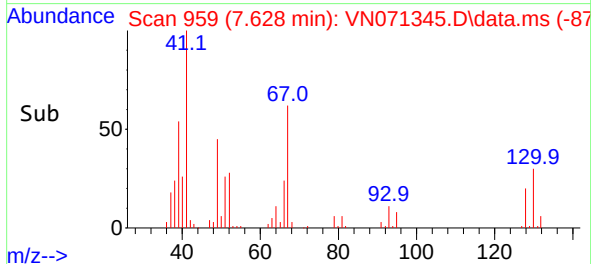
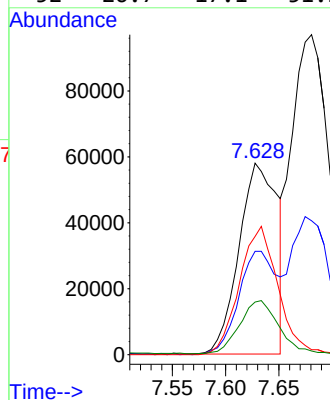
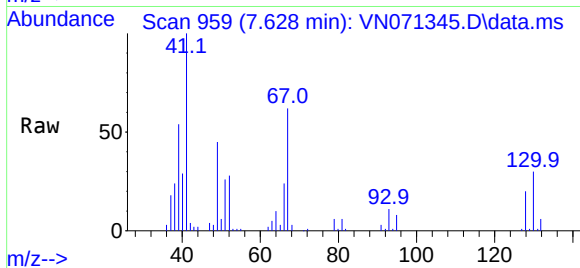
VSTDCCC020

Tgt Ion: 41 Resp: 14488
Ion Ratio Lower Upper
41 100
39 54.2 28.0 83.9
67 61.9 37.7 113.1
52 26.7 17.1 51.2

Manual Integrations

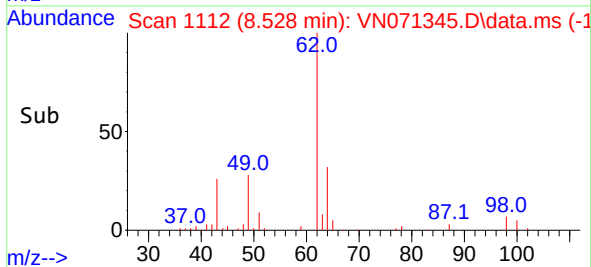
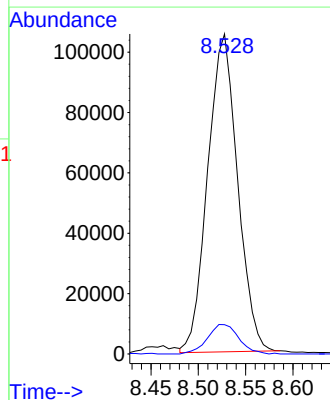
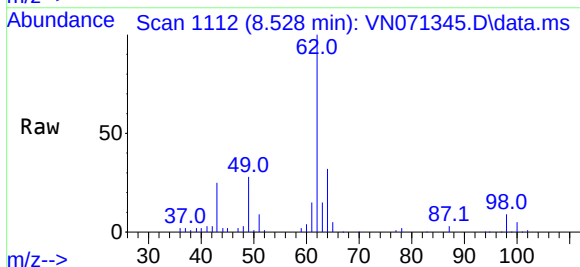
APPROVED

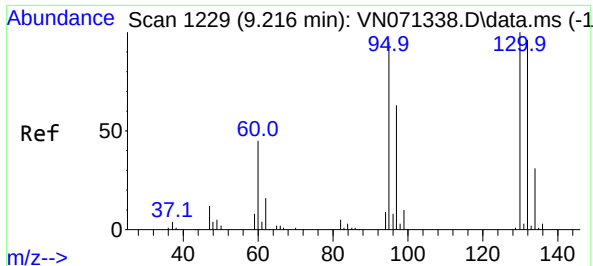
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#36
1,2-Dichloroethane
Concen: 19.173 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 62 Resp: 231103
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0





#37
Trichloroethene
Concen: 19.690 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

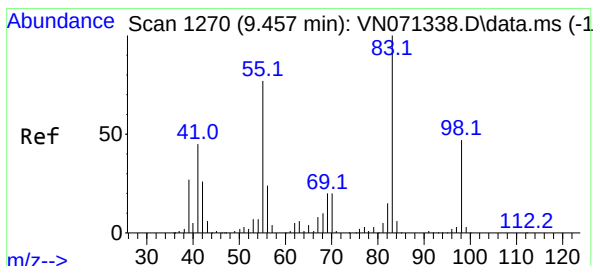
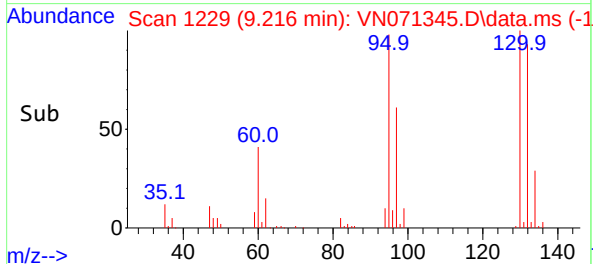
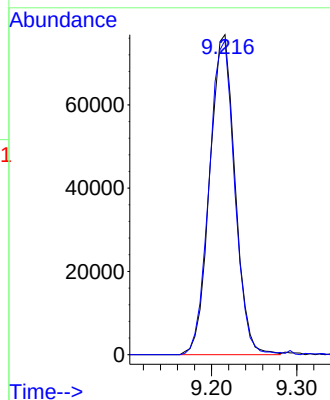
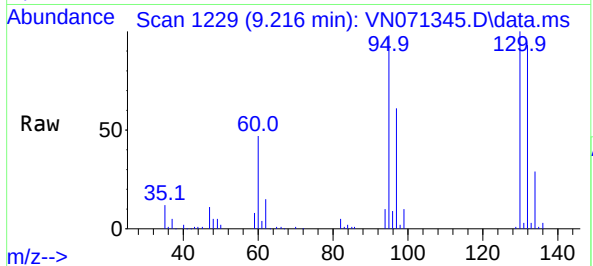
VSTDCCC020

Tgt Ion:130 Resp: 158360
Ion Ratio Lower Upper
130 100
95 98.2 76.6 115.0

Manual Integrations

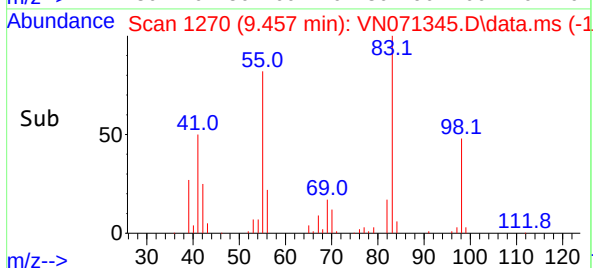
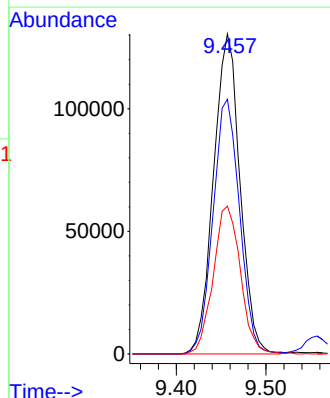
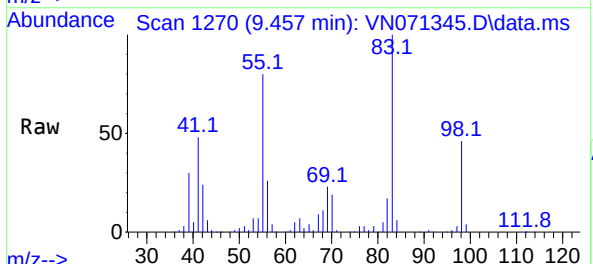
APPROVED

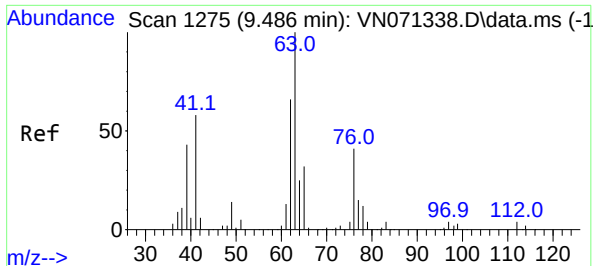
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#38
Methylcyclohexane
Concen: 20.452 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 83 Resp: 267643
Ion Ratio Lower Upper
83 100
55 79.9 35.1 105.3
98 47.4 23.4 70.2





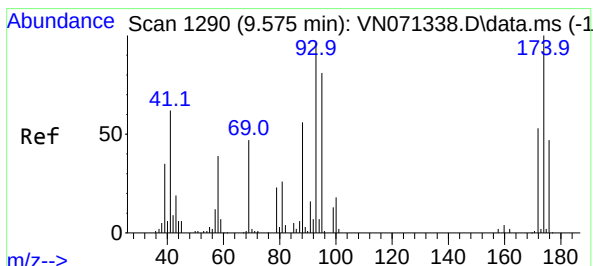
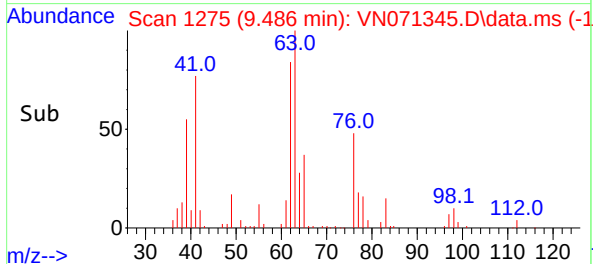
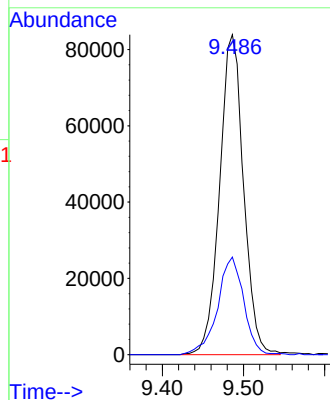
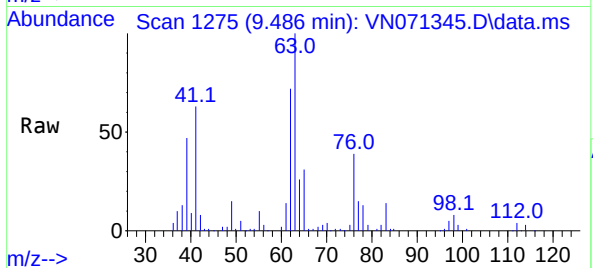
#39
1,2-Dichloropropane
Concen: 19.215 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 17191
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4

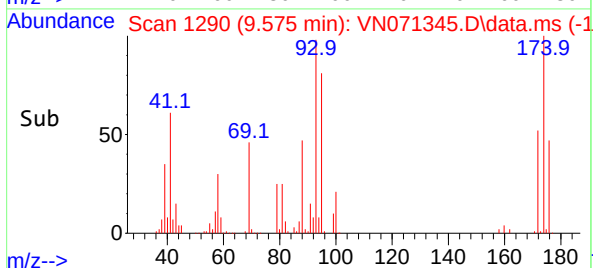
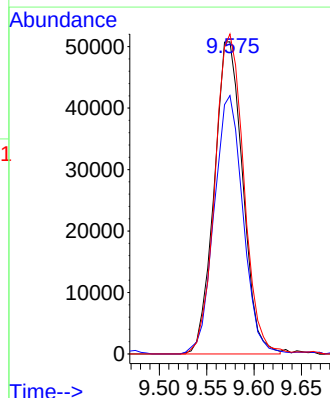
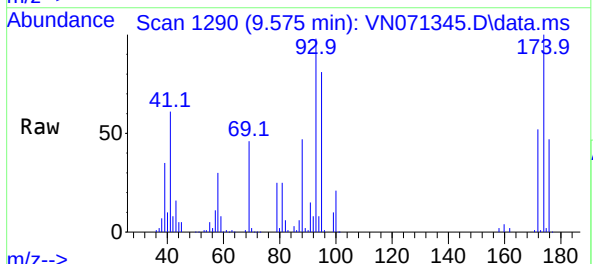
Manual Integrations
APPROVED

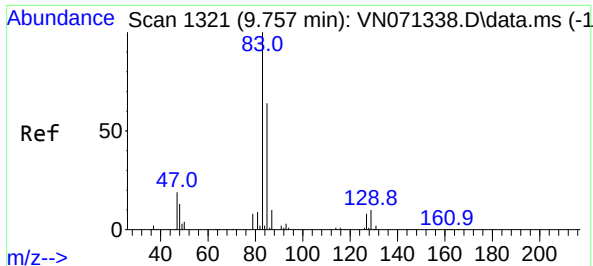
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#40
Dibromomethane
Concen: 18.836 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

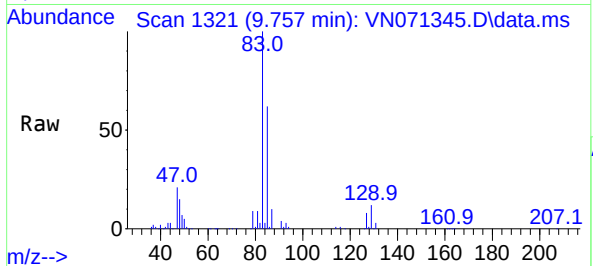
Tgt Ion: 93 Resp: 106611
Ion Ratio Lower Upper
93 100
95 83.5 0.0 168.8
174 103.4 0.0 173.6





#41
Bromodichloromethane
Concen: 19.419 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

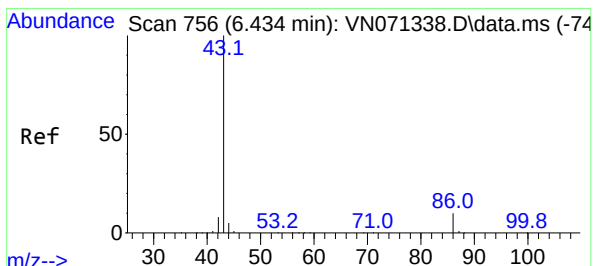
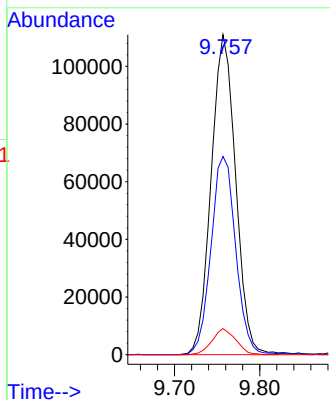
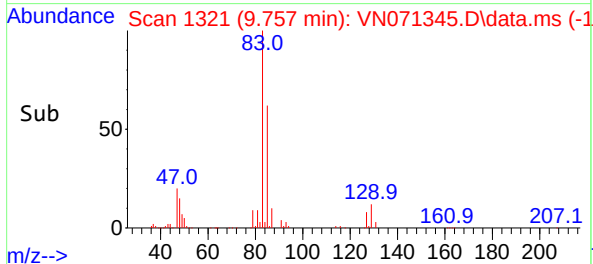
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



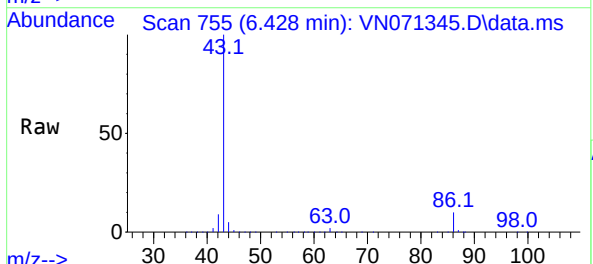
Tgt Ion: 83 Resp: 221614
Ion Ratio Lower Upper
83 100
85 62.0 54.1 81.1
127 8.2 7.6 11.4

Manual Integrations
APPROVED

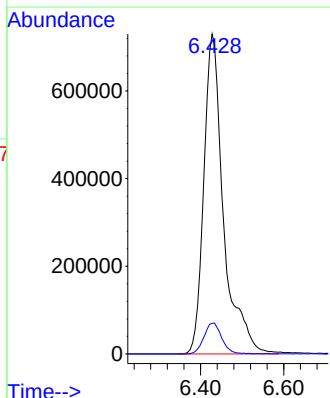
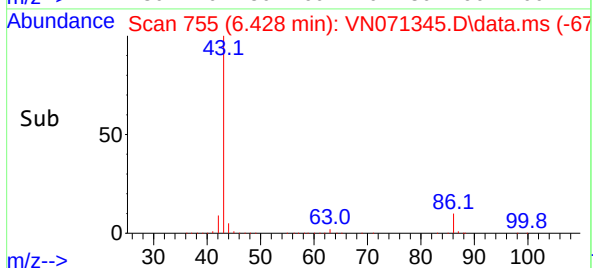
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

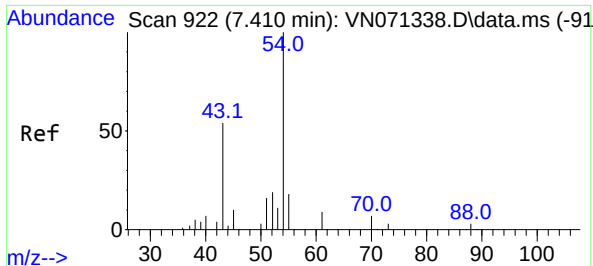


#42
Vinyl Acetate
Concen: 95.264 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



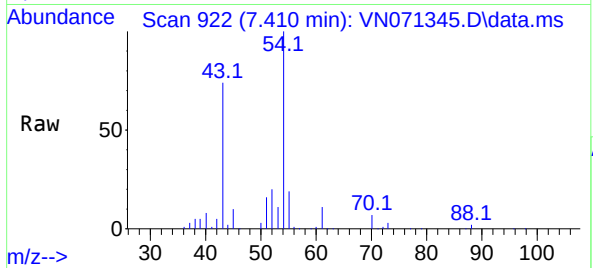
Tgt Ion: 43 Resp: 2403600
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 17.993 ug/l
RT: 7.410 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

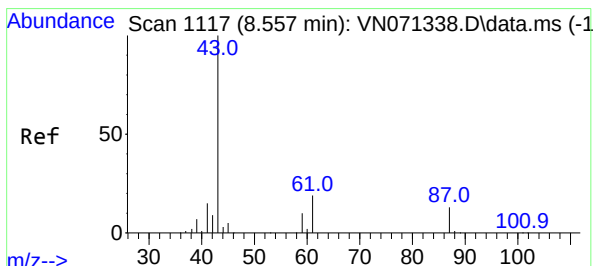
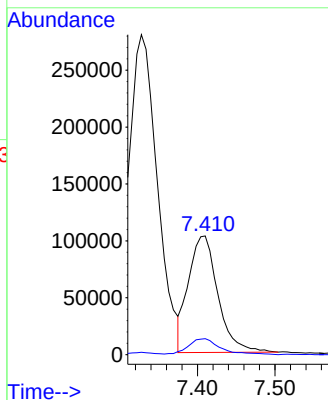
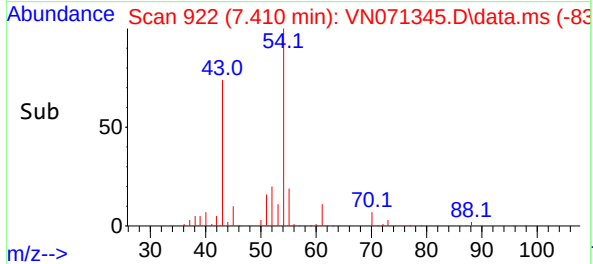
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



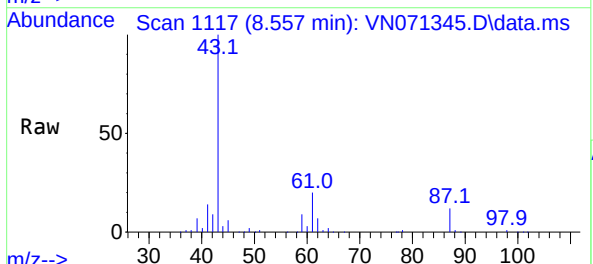
Tgt Ion: 43 Resp: 27017
Ion Ratio Lower Upper
43 100
45 12.7 10.6 16.0

Manual Integrations
APPROVED

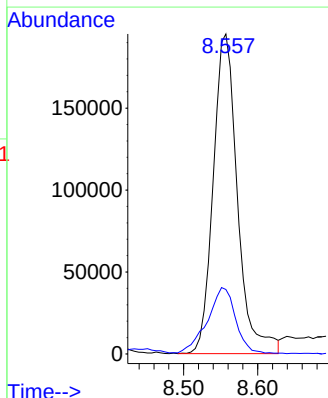
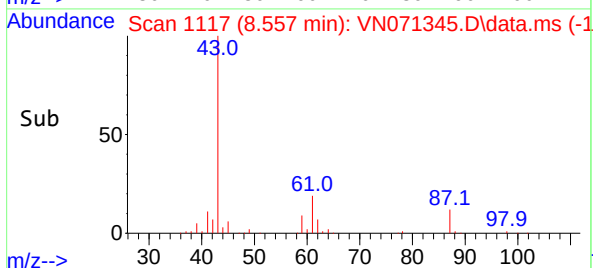
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

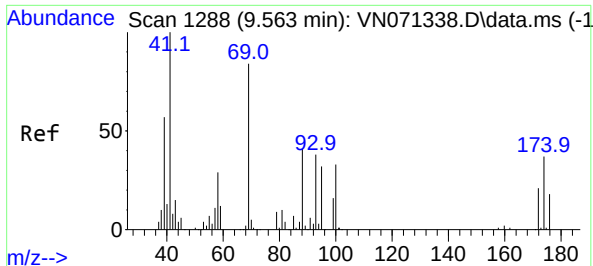


#44
Isopropyl Acetate
Concen: 18.410 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



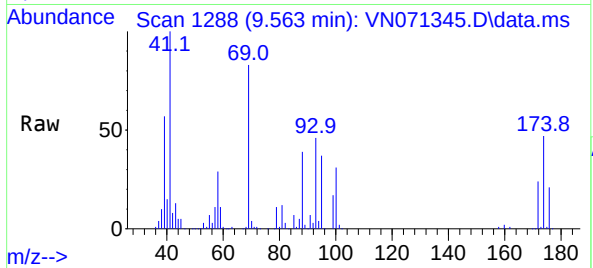
Tgt Ion: 43 Resp: 444519
Ion Ratio Lower Upper
43 100
61 23.7 20.1 30.1





#45
1,4-Dioxane
Concen: 334.258 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

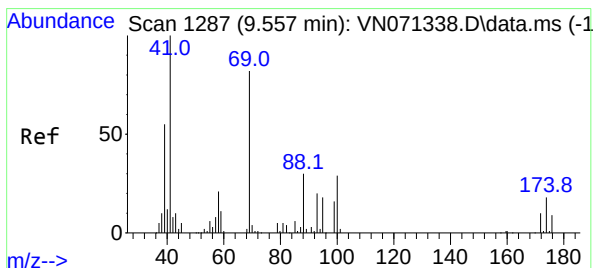
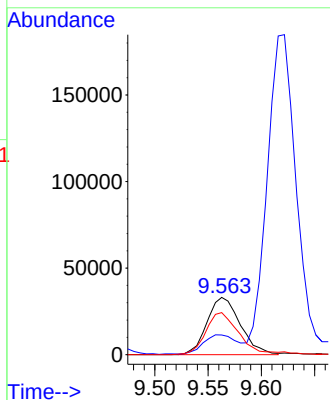
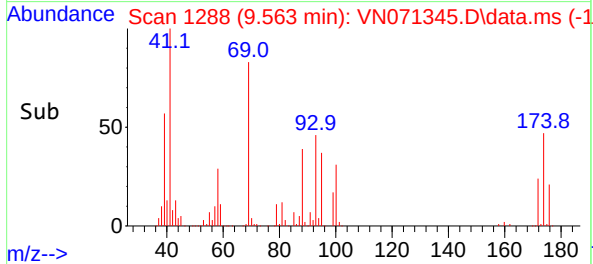
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



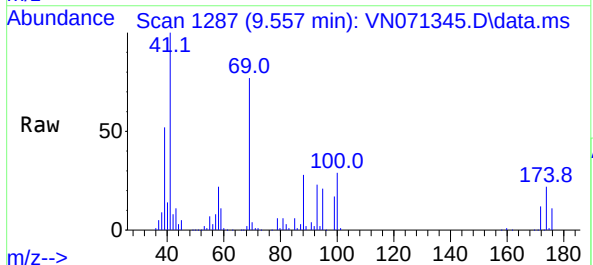
Tgt Ion: 88 Resp: 71875
Ion Ratio Lower Upper
88 100
43 32.5 25.0 37.6
58 72.4 49.4 74.2

Manual Integrations
APPROVED

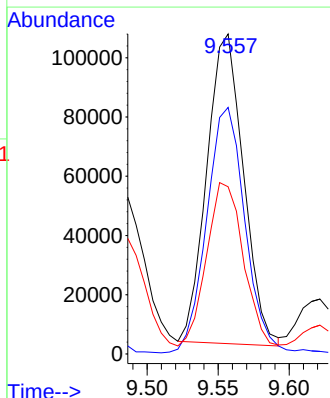
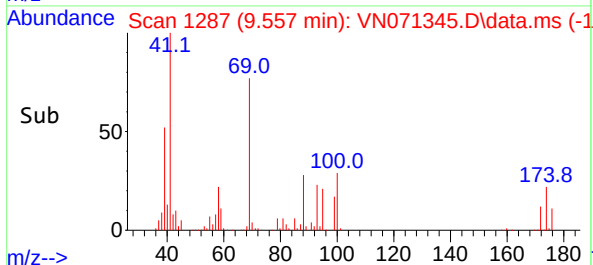
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

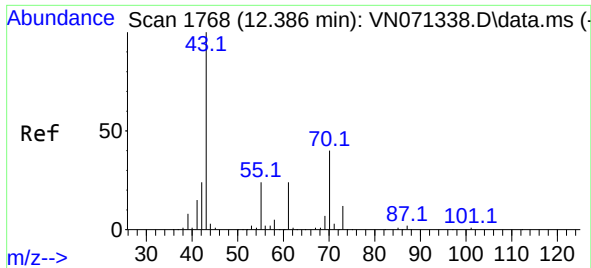


#46
Methyl methacrylate
Concen: 17.548 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



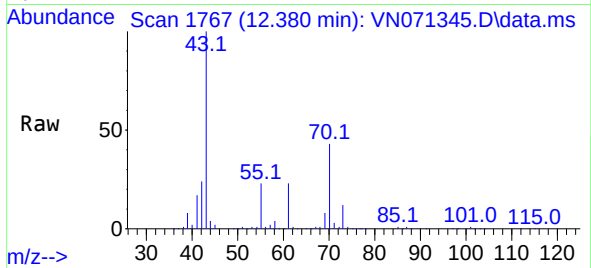
Tgt Ion: 41 Resp: 187453
Ion Ratio Lower Upper
41 100
69 78.7 44.4 133.2
39 51.8 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.258 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

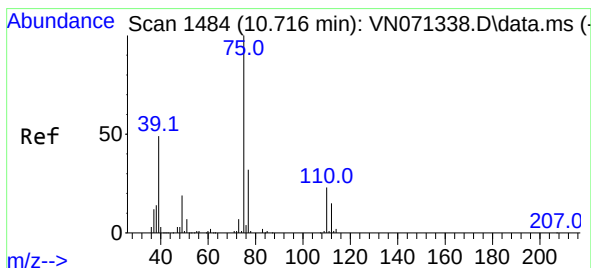
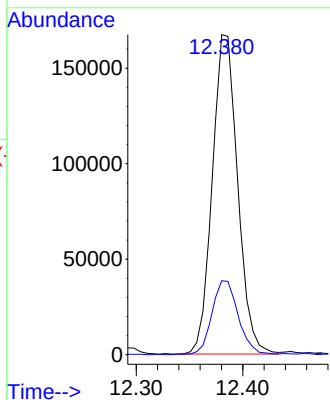
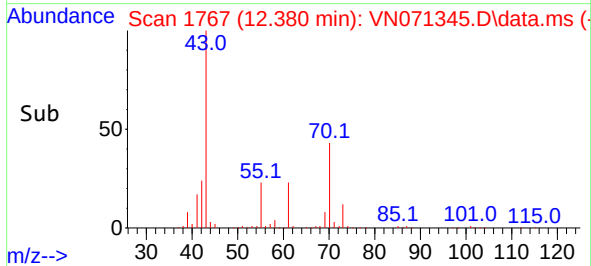
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



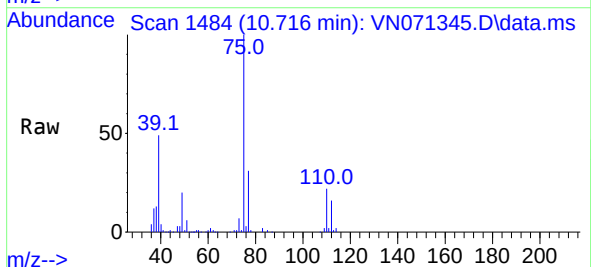
Tgt Ion: 43 Resp: 276420
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.6

Manual Integrations
APPROVED

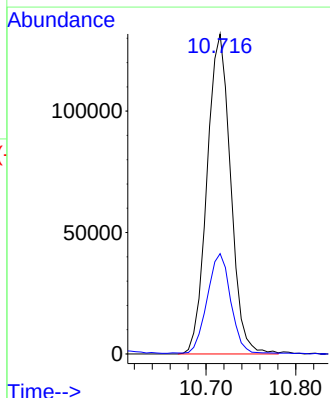
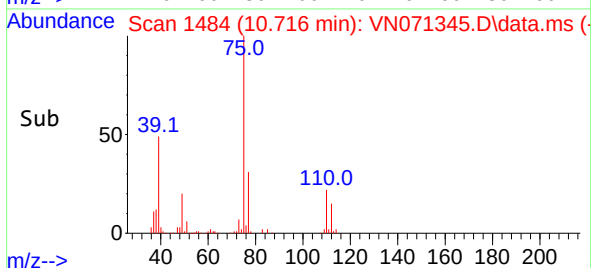
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

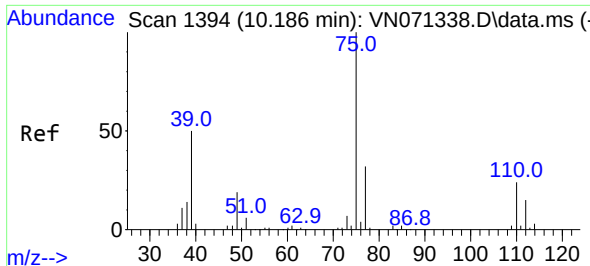


#48
t-1,3-Dichloropropene
Concen: 19.331 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion: 75 Resp: 240280
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.686 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

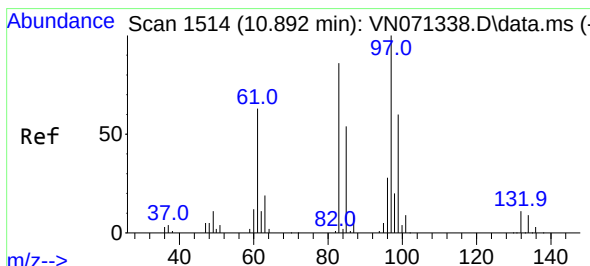
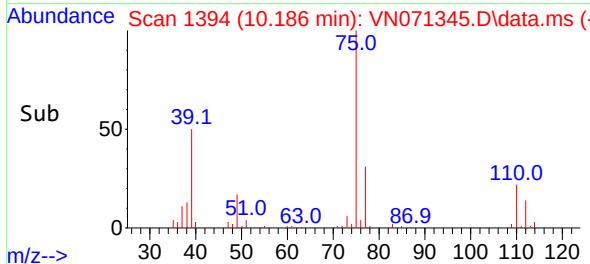
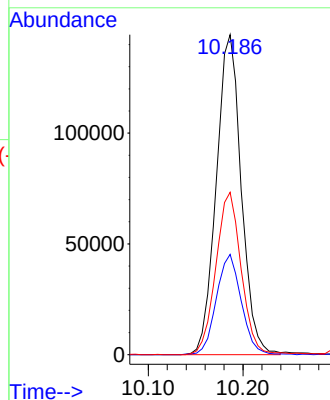
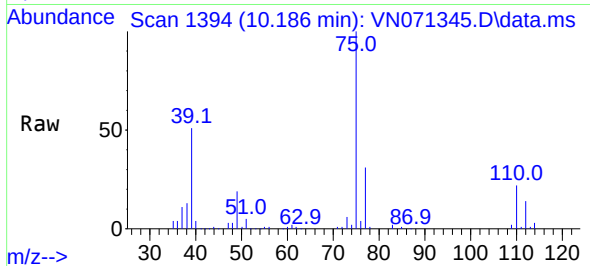
VSTDCCC020

Tgt Ion: 75 Resp: 26457
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 50.7 46.2 69.4

Manual Integrations

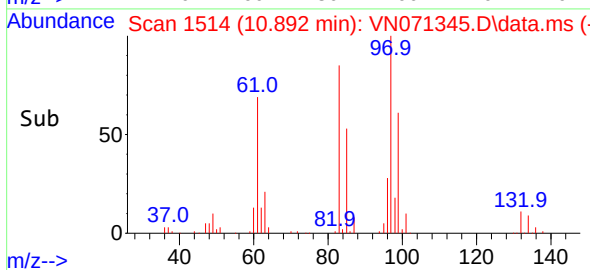
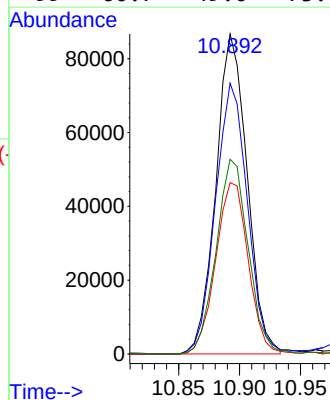
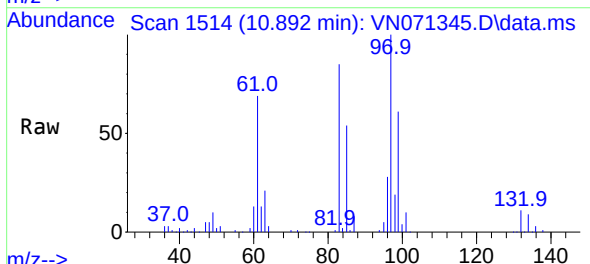
APPROVED

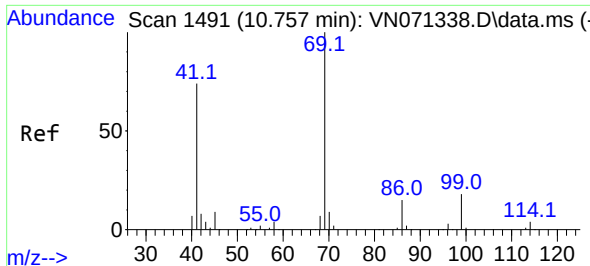
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#50
1,1,2-Trichloroethane
Concen: 18.745 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 97 Resp: 154496
Ion Ratio Lower Upper
97 100
83 84.6 67.2 100.8
85 53.6 43.0 64.4
99 60.7 49.0 73.4





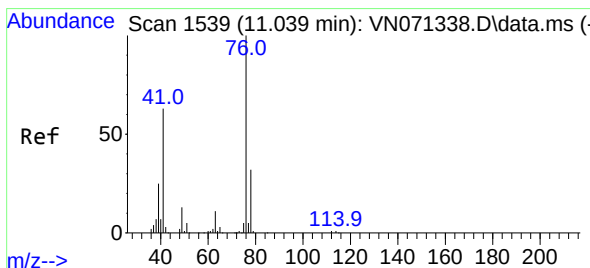
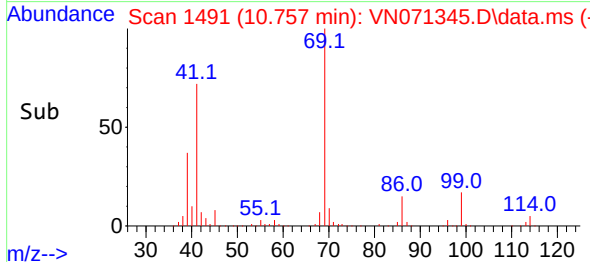
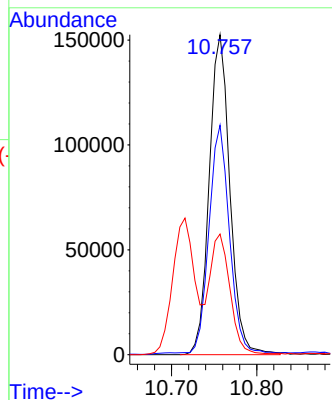
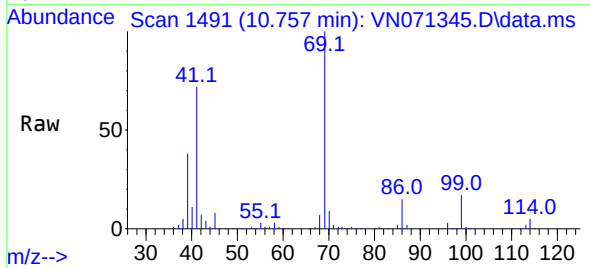
#51
Ethyl methacrylate
Concen: 18.158 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 257463
Ion Ratio Lower Upper
69 100
41 71.1 33.0 98.9
39 37.3 25.4 76.4

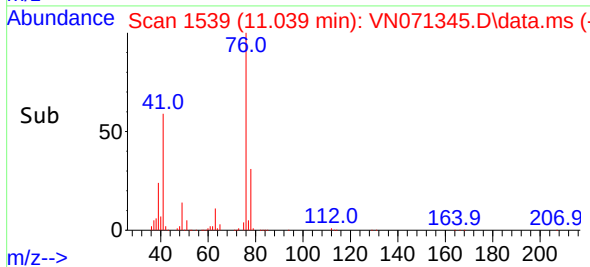
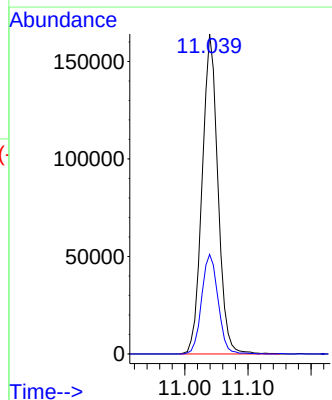
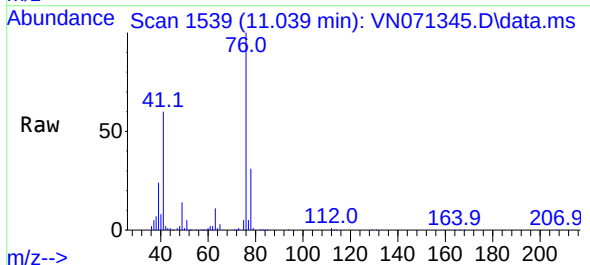
Manual Integrations
APPROVED

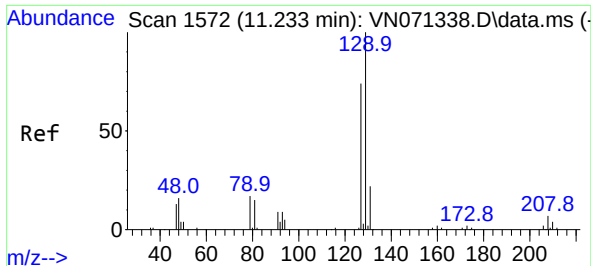
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#52
1,3-Dichloropropane
Concen: 19.159 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

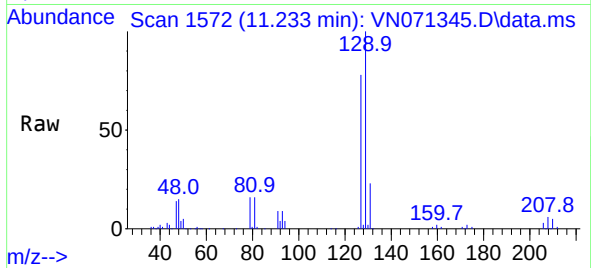
Tgt Ion: 76 Resp: 284386
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4





#53
Dibromochloromethane
Concen: 18.848 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

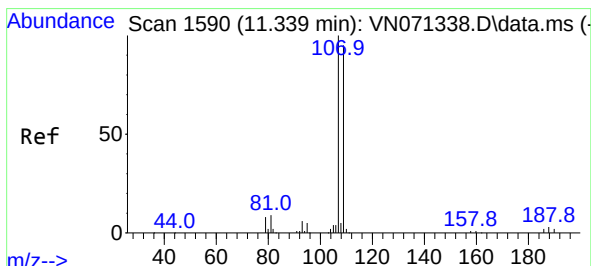
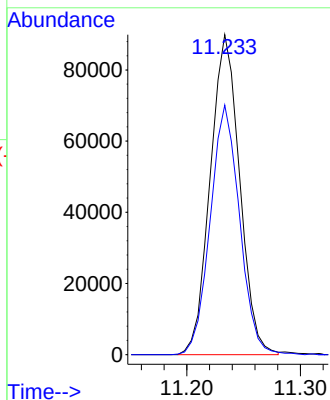
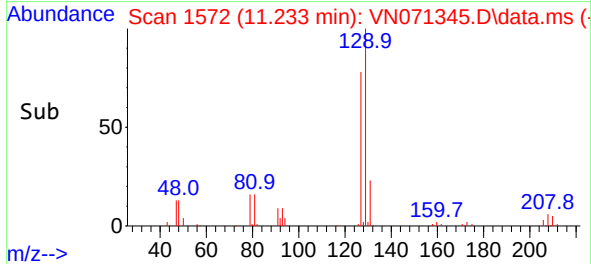
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



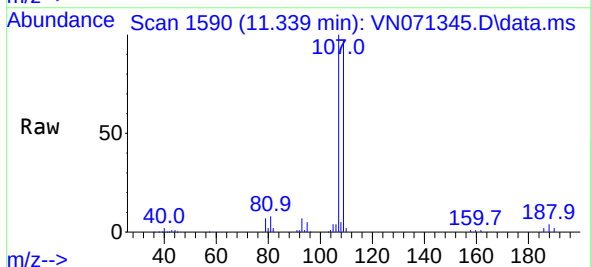
Tgt Ion:129 Resp: 16194
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

Manual Integrations
APPROVED

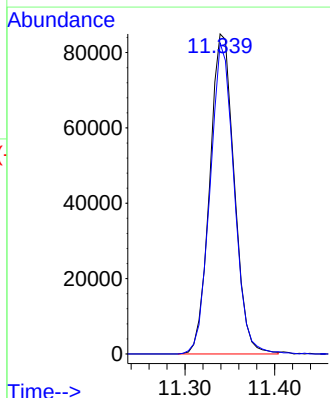
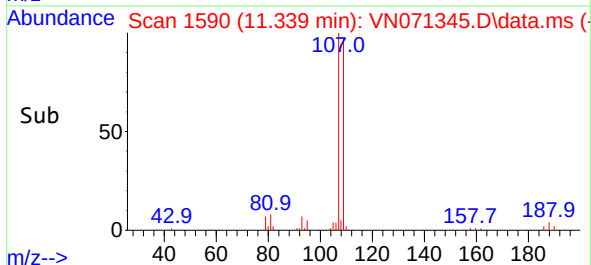
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

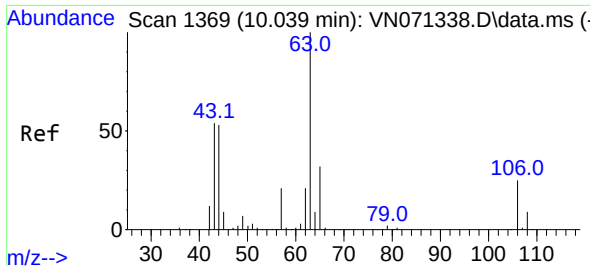


#54
1,2-Dibromoethane
Concen: 18.809 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion:107 Resp: 160747
Ion Ratio Lower Upper
107 100
109 95.4 72.8 109.2





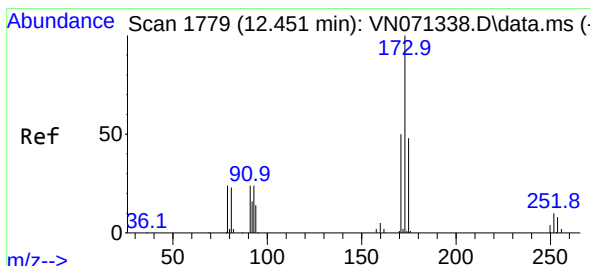
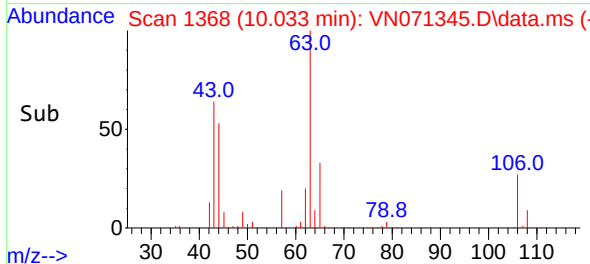
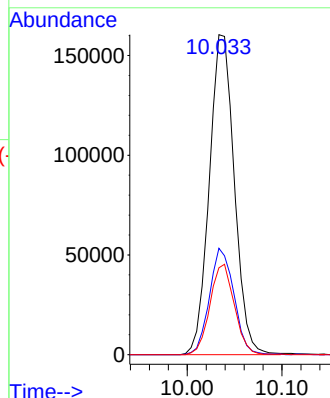
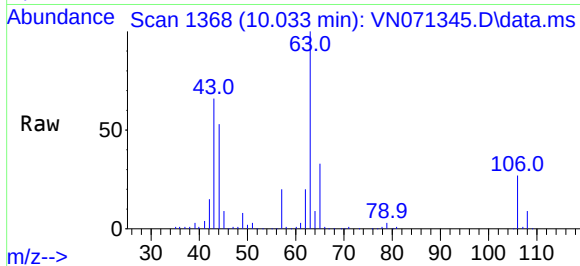
#55
2-Chloroethyl vinyl ether
Concen: 68.510 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 294599
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 27.5 23.2 34.8

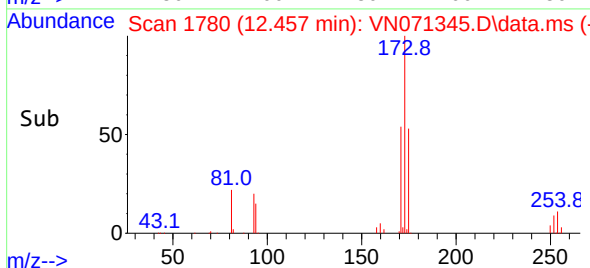
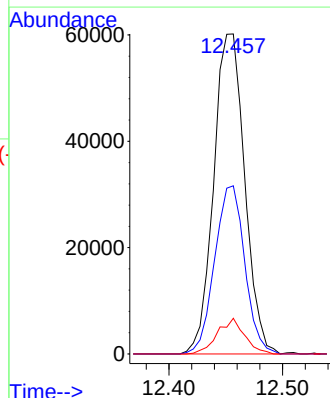
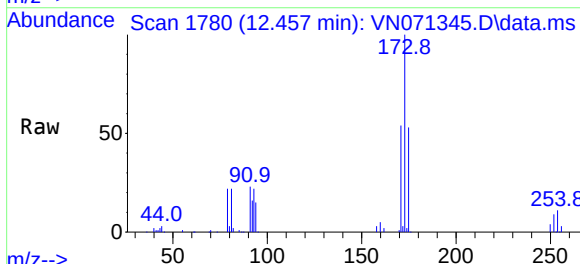
Manual Integrations
APPROVED

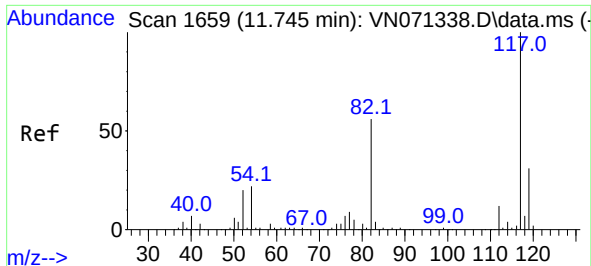
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#56
Bromoform
Concen: 17.235 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion:173 Resp: 114208
Ion Ratio Lower Upper
173 100
175 51.0 38.6 58.0
254 9.8 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: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

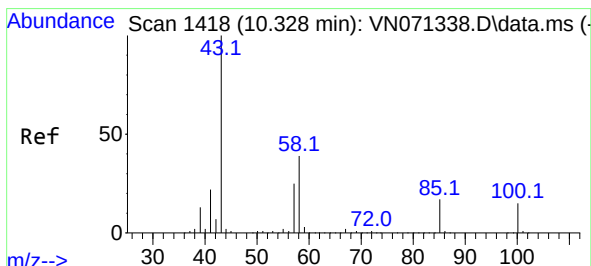
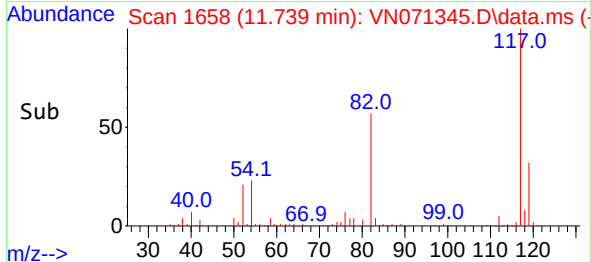
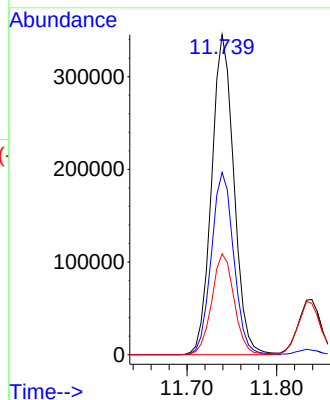
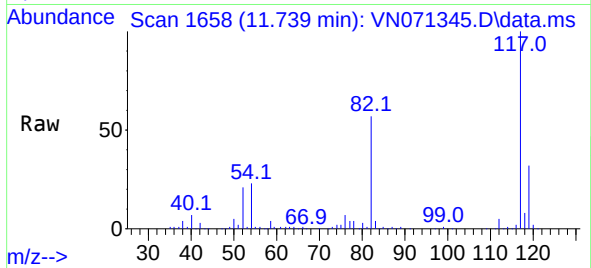
Tgt Ion:117 Resp: 59644
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 31.6 25.8 38.6

Manual Integrations

APPROVED

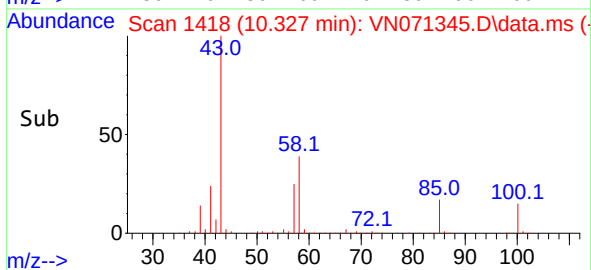
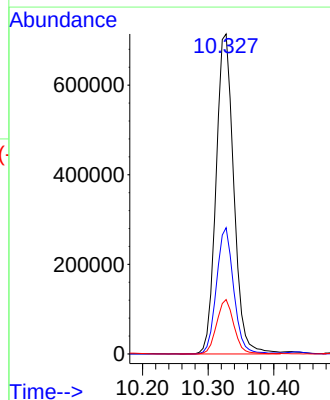
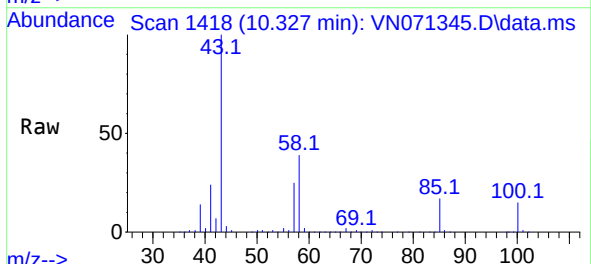
Reviewed By :John Carlone 03/18/2022

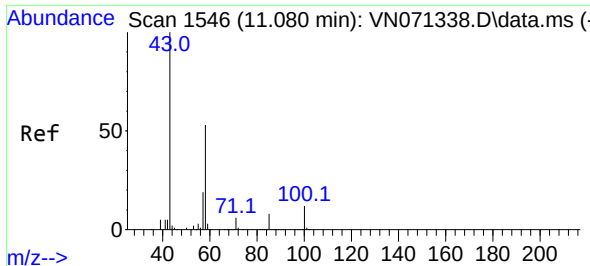
Supervised By :Semsettin Yesilyurt 03/21/2022



#58
4-Methyl-2-Pentanone
Concen: 93.589 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

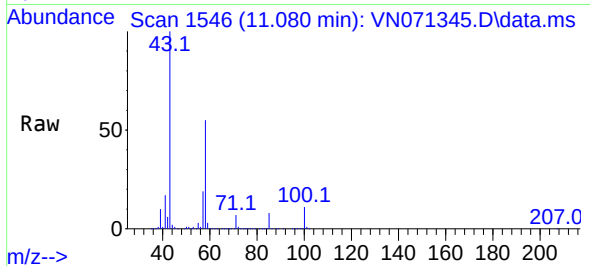
Tgt Ion: 43 Resp: 1340394
Ion Ratio Lower Upper
43 100
58 38.2 30.0 45.0
85 16.6 15.0 22.6





#59
2-Hexanone
Concen: 93.403 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

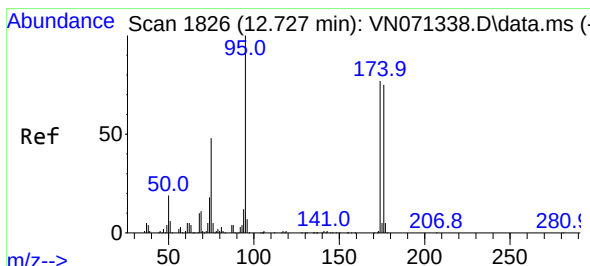
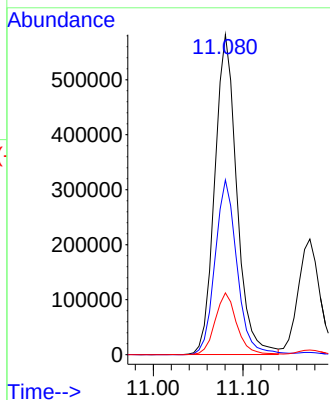
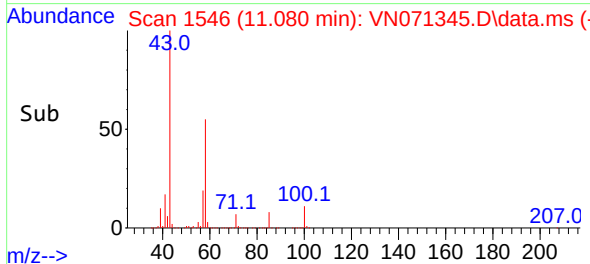
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



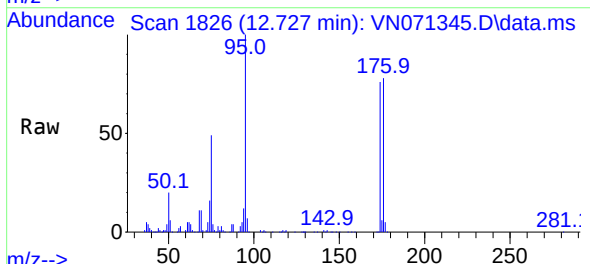
Tgt Ion: 43 Resp: 994395
Ion Ratio Lower Upper
43 100
58 54.5 42.2 63.2
57 19.0 15.0 22.4

Manual Integrations
APPROVED

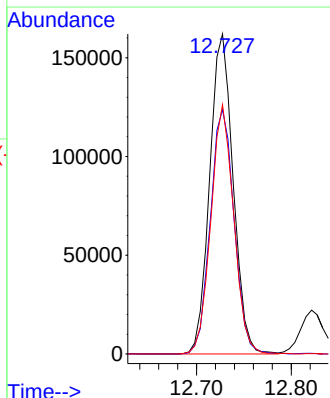
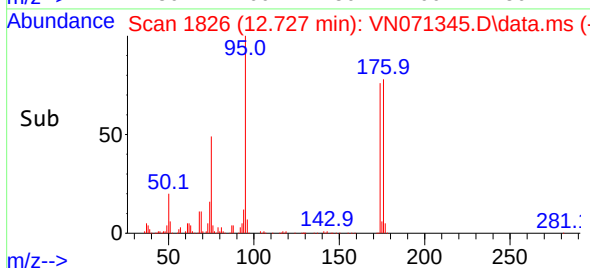
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

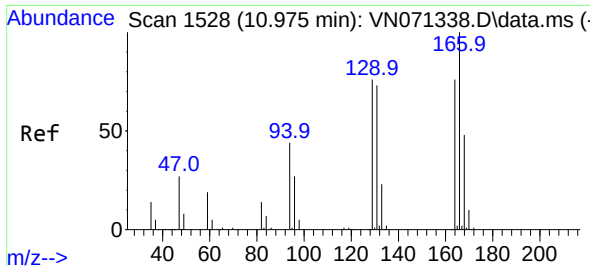


#60
4-Bromofluorobenzene
Concen: 30.263 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



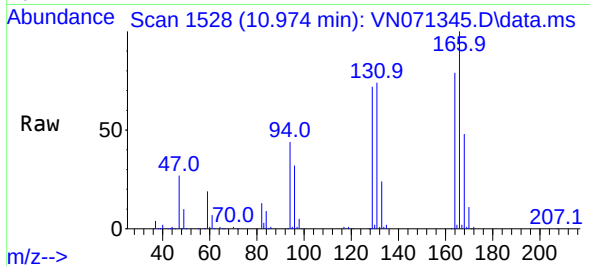
Tgt Ion: 95 Resp: 278862
Ion Ratio Lower Upper
95 100
174 77.5 62.9 94.3
176 75.9 61.0 91.4





#61
Tetrachloroethene
Concen: 20.524 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

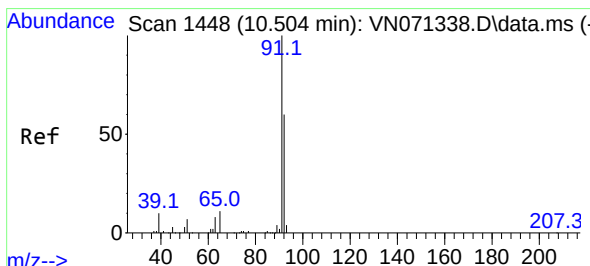
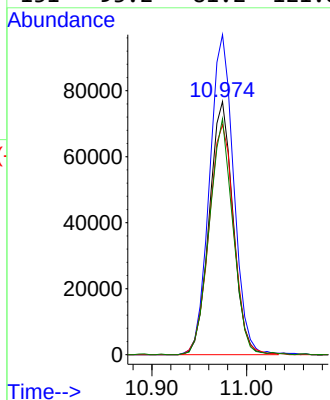
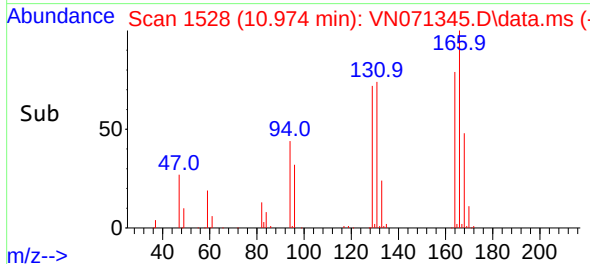
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



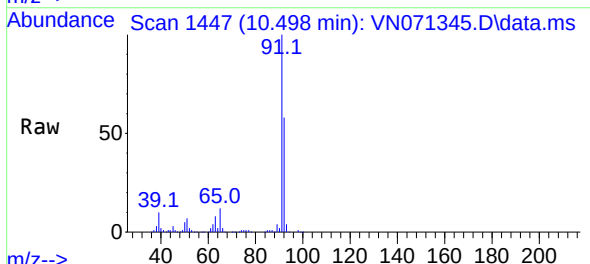
Tgt Ion:164 Resp: 13354
Ion Ratio Lower Upper
164 100
166 126.4 105.8 158.8
129 90.8 82.5 123.7
131 93.2 81.2 121.8

Manual Integrations
APPROVED

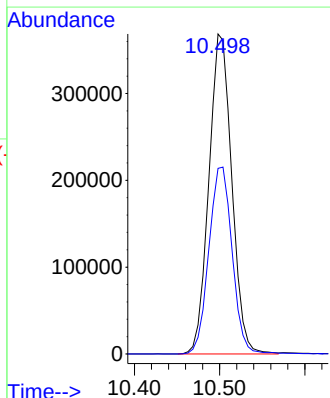
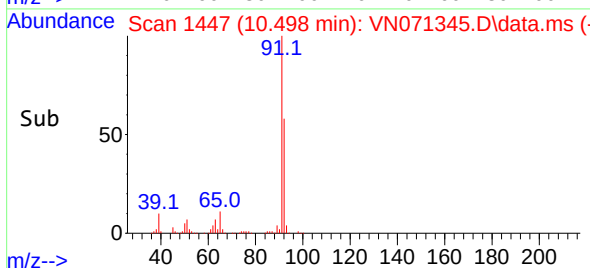
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

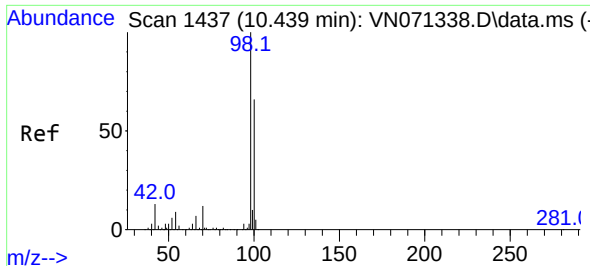


#62
Toluene
Concen: 20.214 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



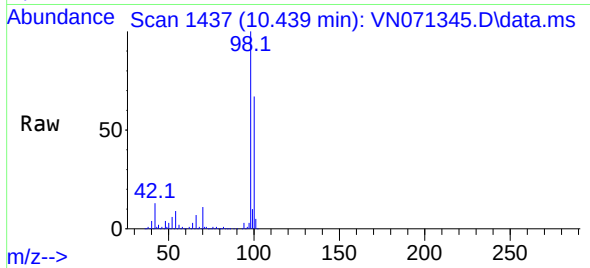
Tgt Ion: 91 Resp: 689345
Ion Ratio Lower Upper
91 100
92 59.3 44.6 67.0





#63
Toluene-d8
Concen: 31.033 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

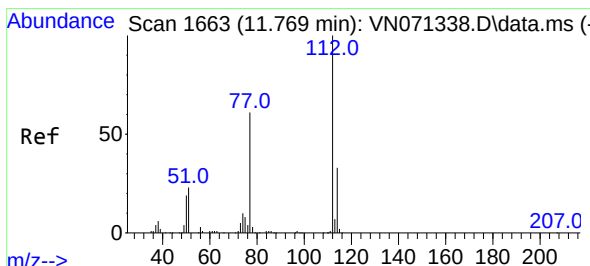
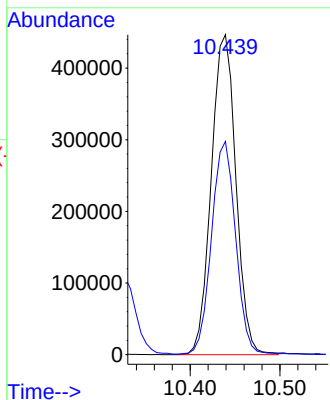
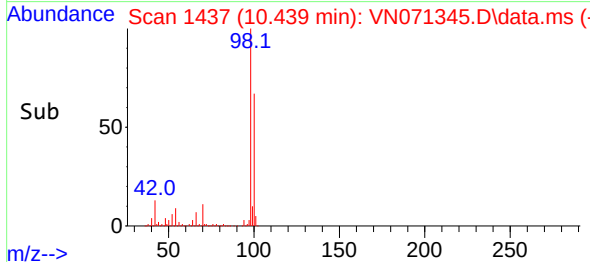
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



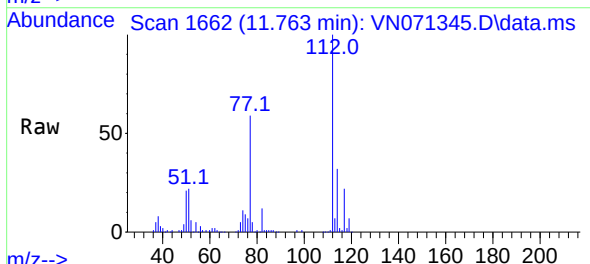
Tgt Ion: 98 Resp: 851469
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

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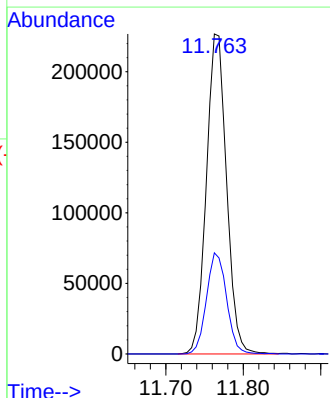
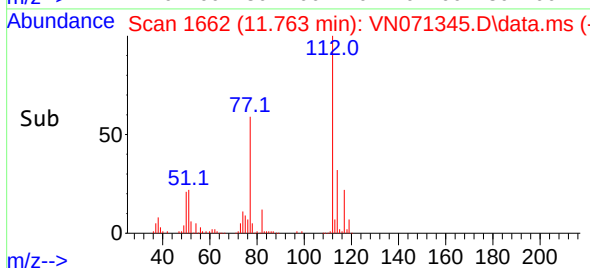
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

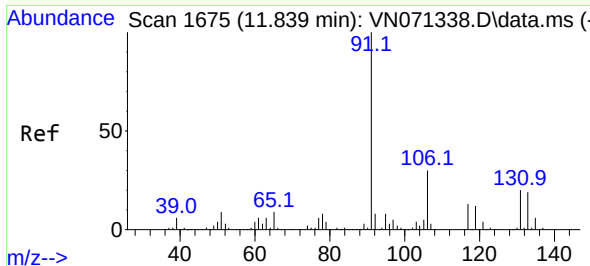


#64
Chlorobenzene
Concen: 19.814 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



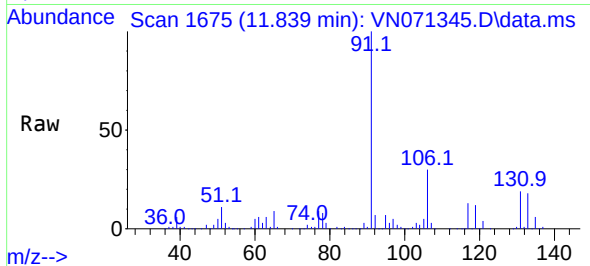
Tgt Ion:112 Resp: 409797
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.934 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

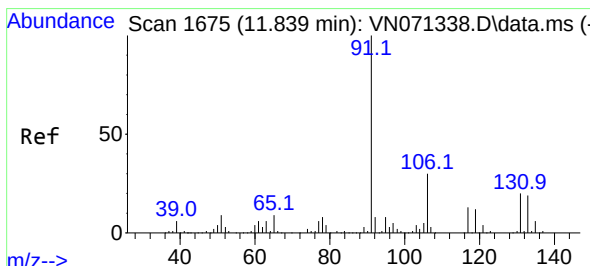
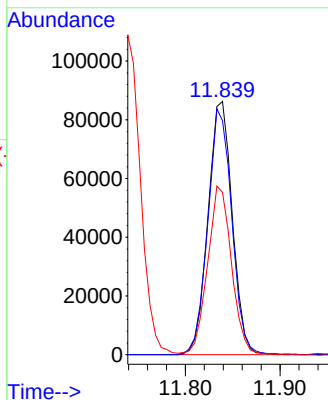
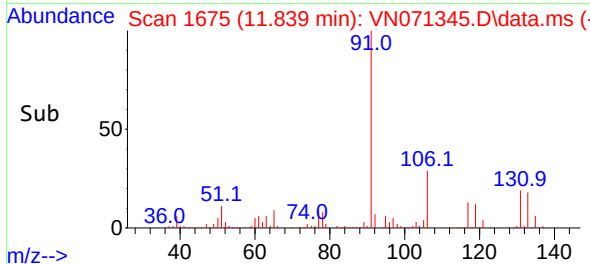
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



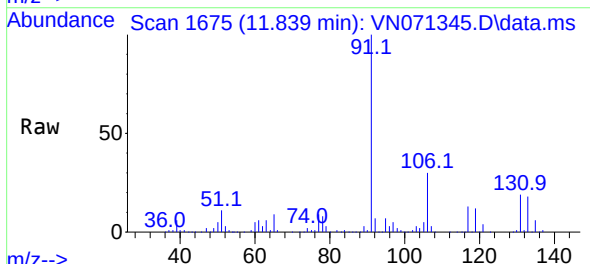
Tgt Ion:131 Resp: 15296
Ion Ratio Lower Upper
131 100
133 96.1 0.0 191.2
119 64.7 0.0 128.8

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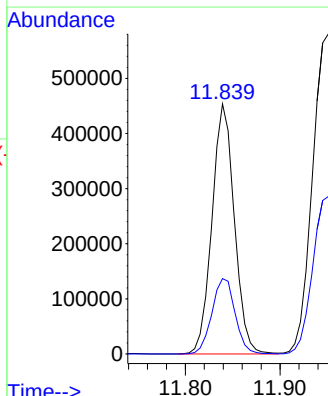
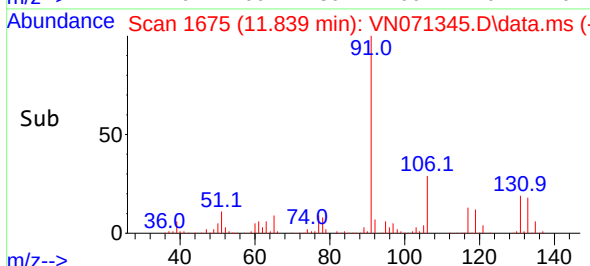
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

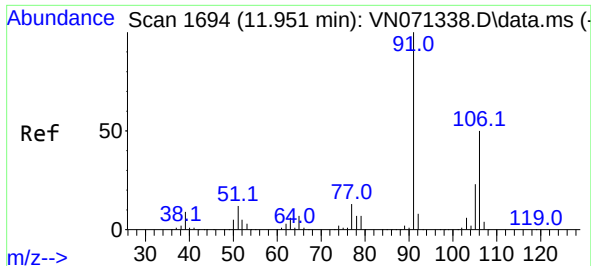


#66
Ethyl Benzene
Concen: 19.771 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion: 91 Resp: 742994
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





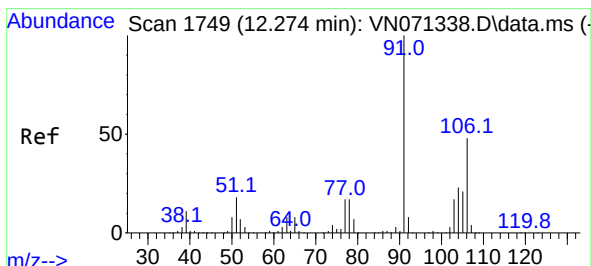
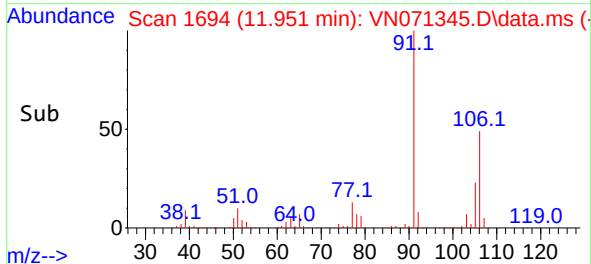
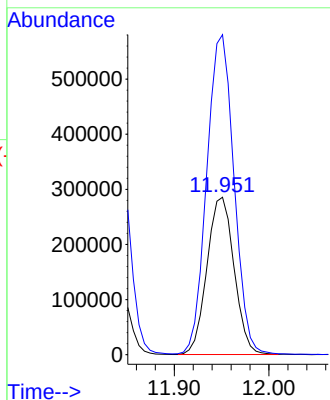
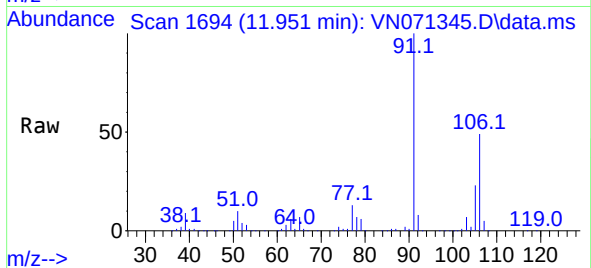
#67
m/p-Xylenes
Concen: 40.217 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 56796
Ion Ratio Lower Upper
106 100
91 204.9 162.9 244.3

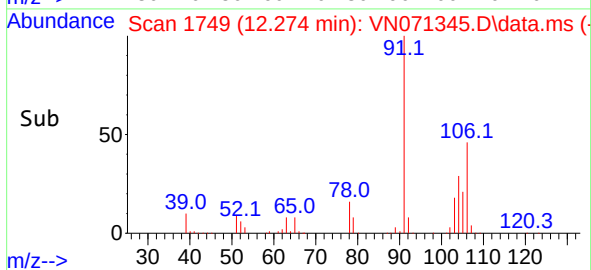
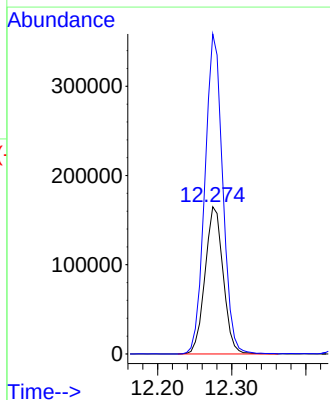
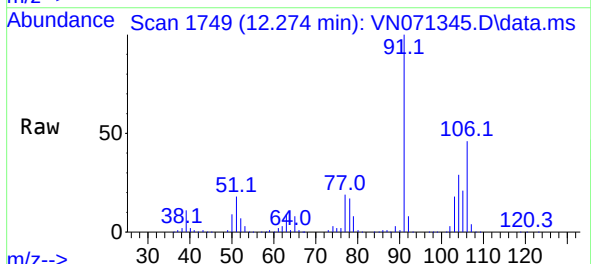
Manual Integrations
APPROVED

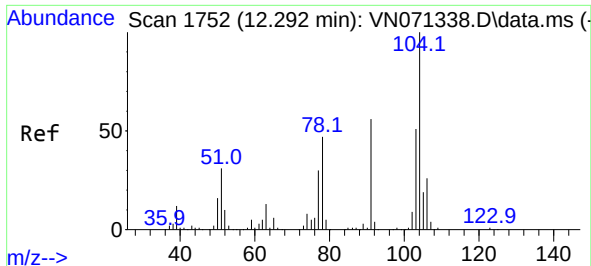
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#68
o-Xylene
Concen: 19.721 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion:106 Resp: 280321
Ion Ratio Lower Upper
106 100
91 213.0 107.7 323.1





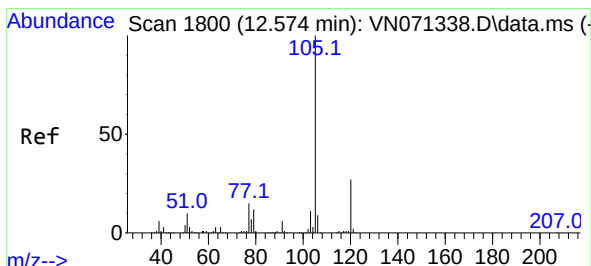
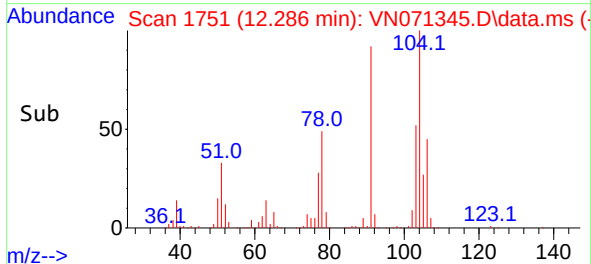
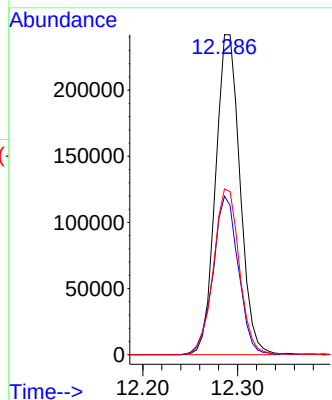
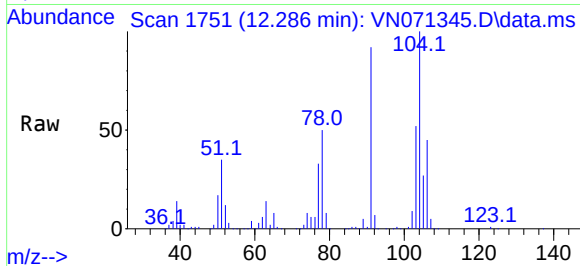
#69
Styrene
Concen: 19.404 ug/l
RT: 12.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 43458
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 54.7 45.8 68.8

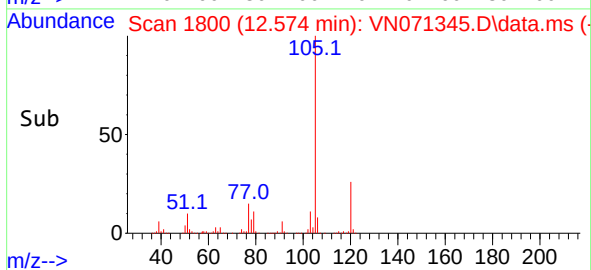
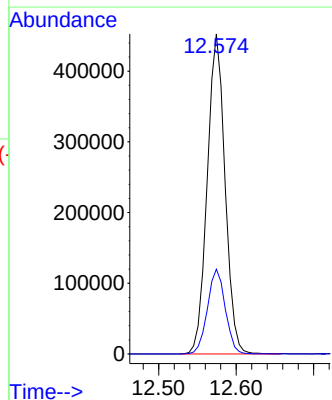
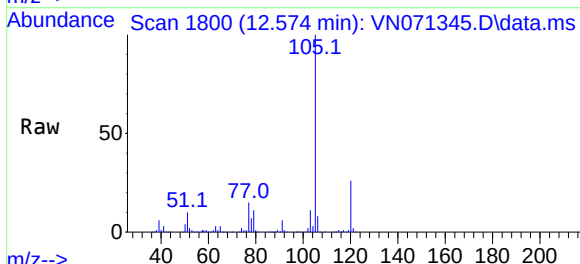
Manual Integrations
APPROVED

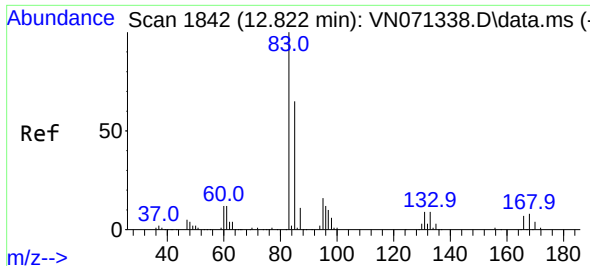
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#70
Isopropylbenzene
Concen: 20.074 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion:105 Resp: 721720
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





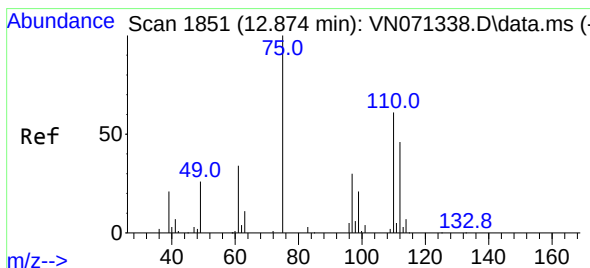
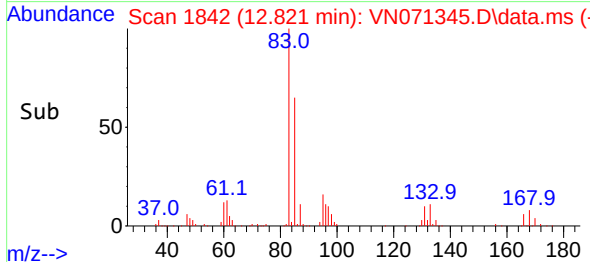
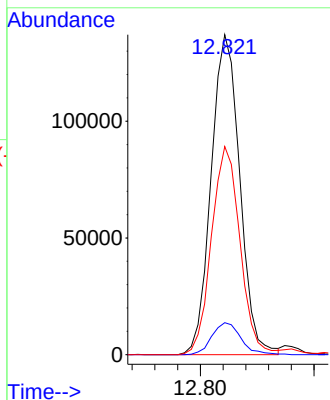
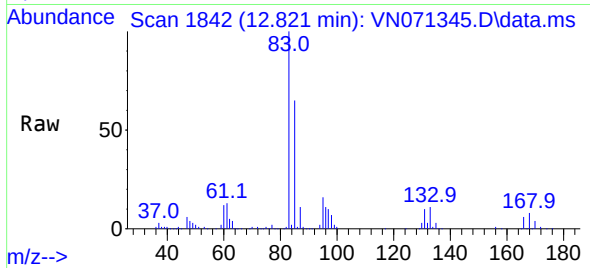
#71
1,1,2,2-Tetrachloroethane
Concen: 19.269 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 240340
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.4 33.1 99.2

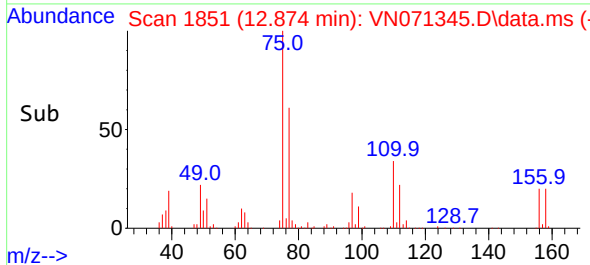
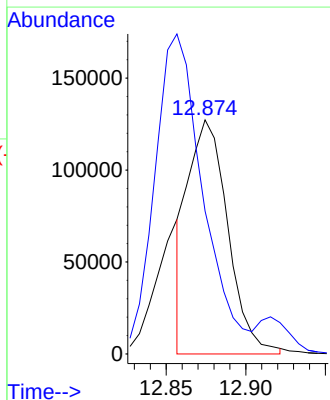
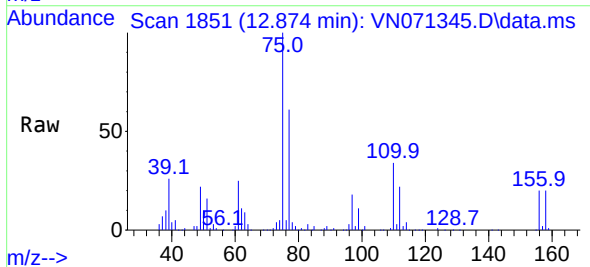
Manual Integrations
APPROVED

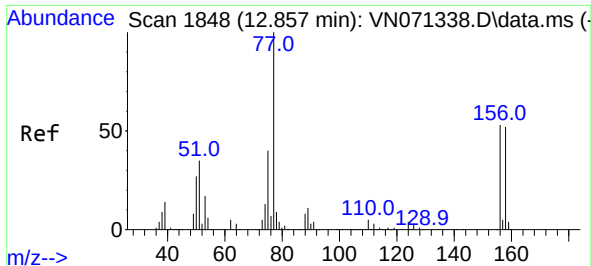
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#72
1,2,3-Trichloropropane
Concen: 19.554 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

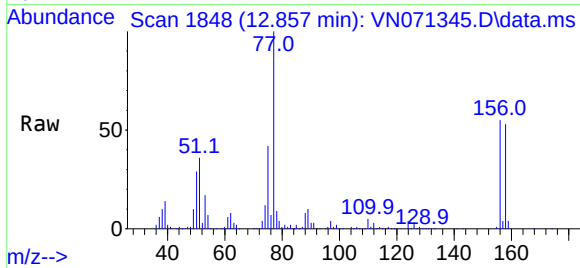
Tgt Ion: 75 Resp: 221673
Ion Ratio Lower Upper
75 100
77 166.0 0.0 378.0





#73
Bromobenzene
Concen: 19.873 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

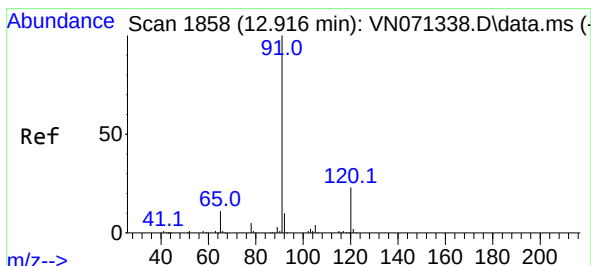
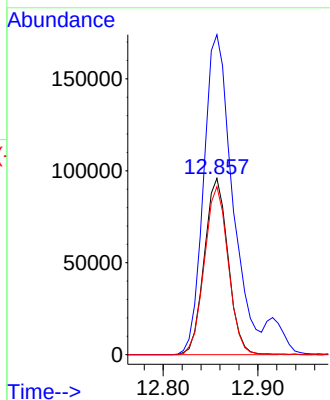
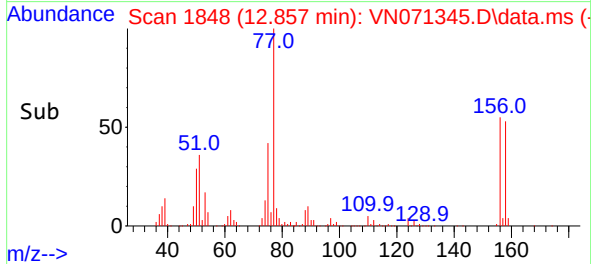
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



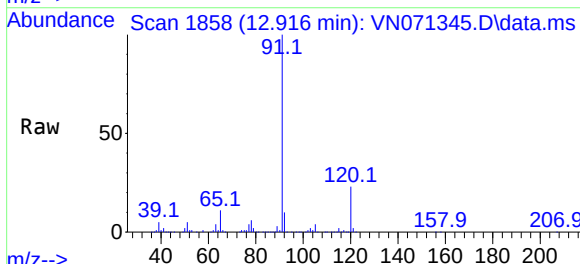
Tgt Ion:156 Resp: 167297
Ion Ratio Lower Upper
156 100
77 220.0 0.0 416.0
158 95.3 0.0 195.4

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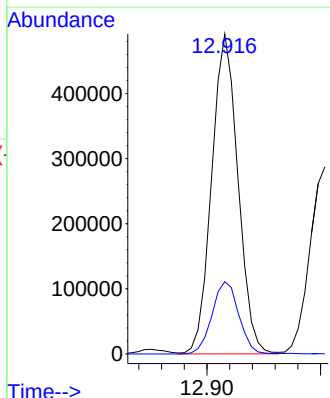
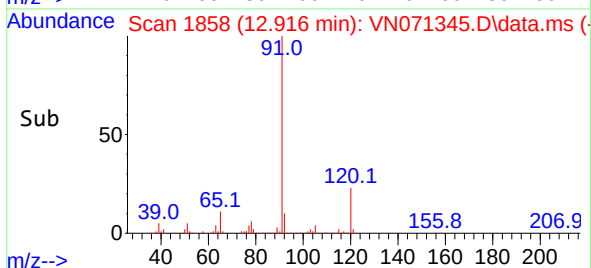
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

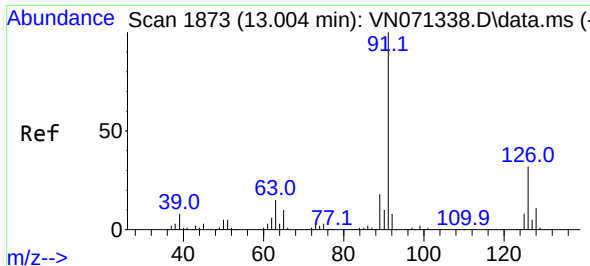


#74
n-propylbenzene
Concen: 19.933 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion: 91 Resp: 789866
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.0





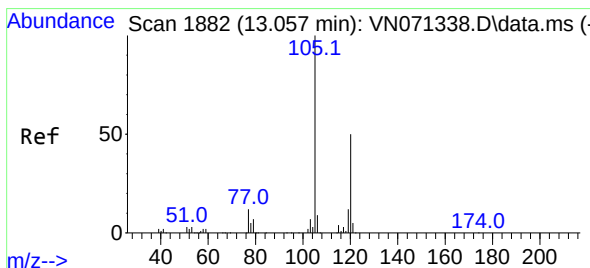
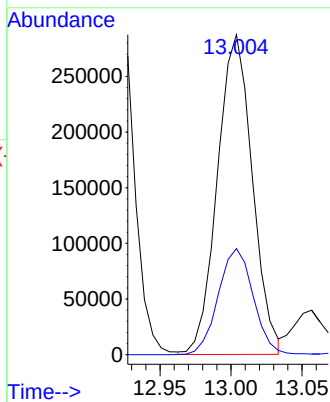
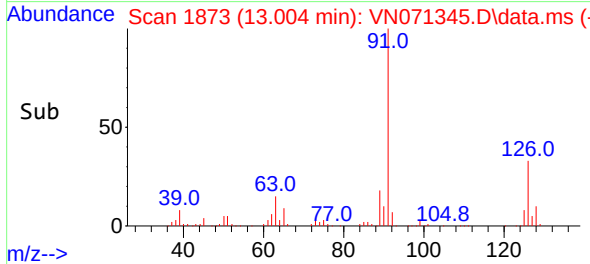
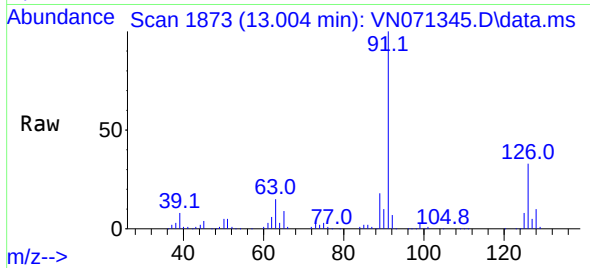
#75
2-Chlorotoluene
Concen: 19.804 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 491908
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8

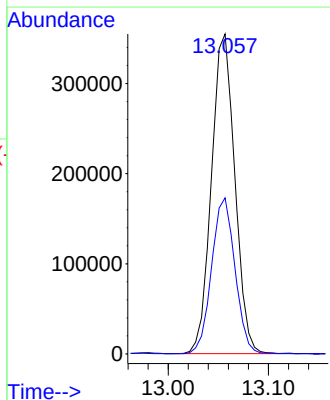
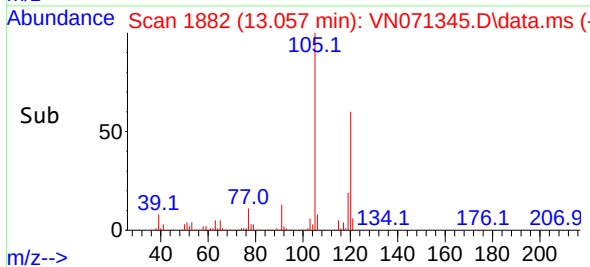
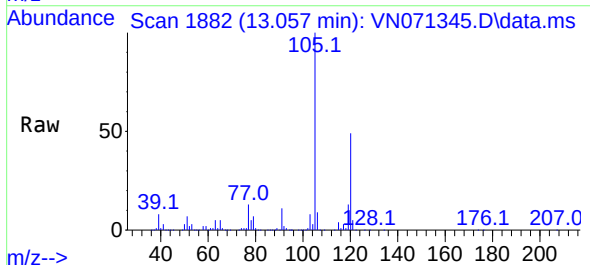
Manual Integrations
APPROVED

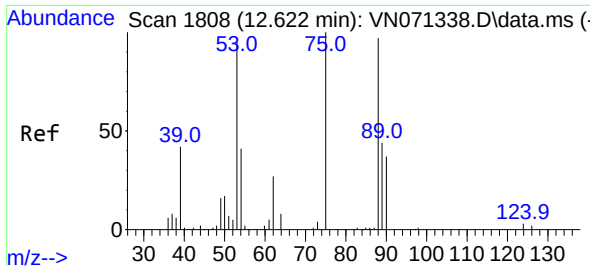
Reviewed By :John Carbone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.103 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

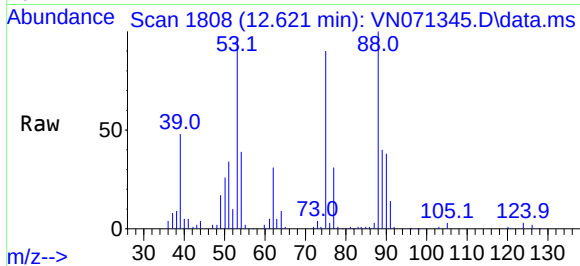
Tgt Ion:105 Resp: 573709
Ion Ratio Lower Upper
105 100
120 48.5 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.285 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

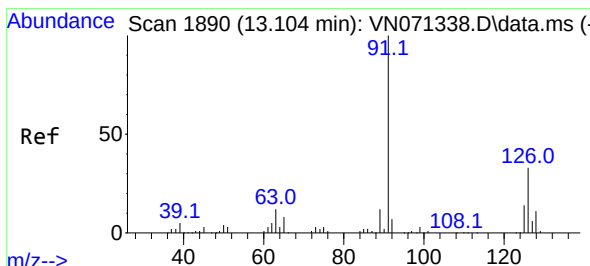
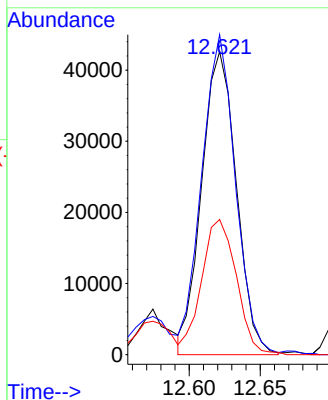
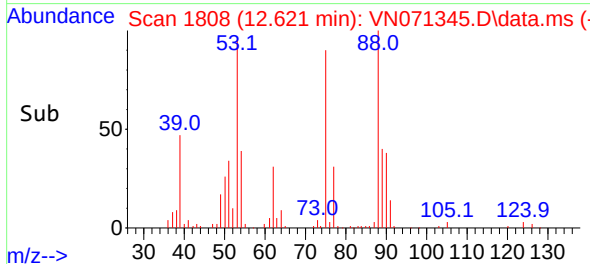
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



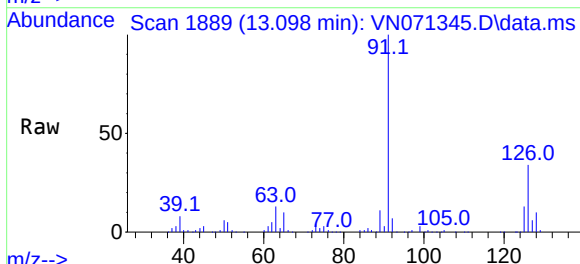
Tgt Ion: 75 Resp: 7239
Ion Ratio Lower Upper
75 100
53 105.5 51.8 155.5
89 44.0 22.9 68.7

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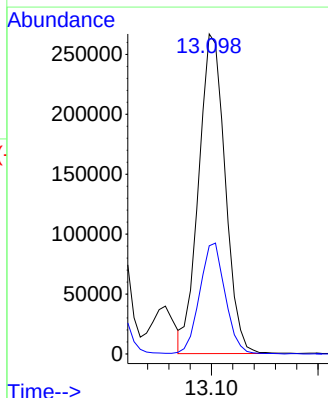
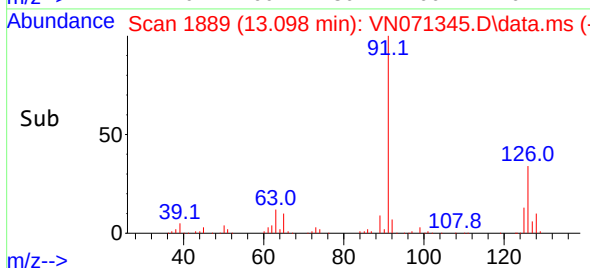
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

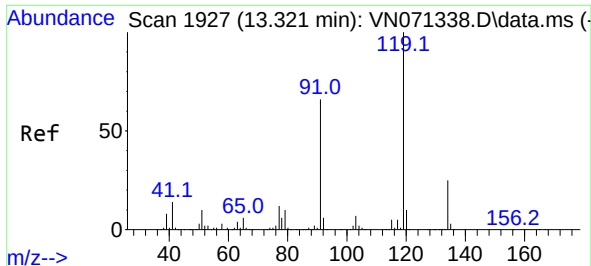


#78
4-Chlorotoluene
Concen: 20.035 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



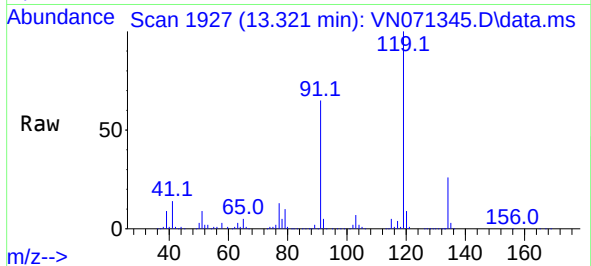
Tgt Ion: 91 Resp: 461120
Ion Ratio Lower Upper
91 100
126 33.5 0.0 70.6





#79
tert-butylbenzene
Concen: 19.870 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

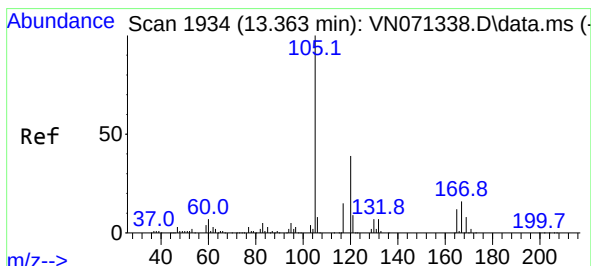
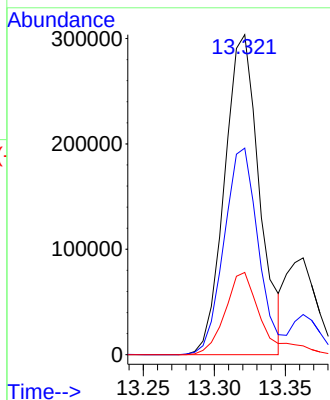
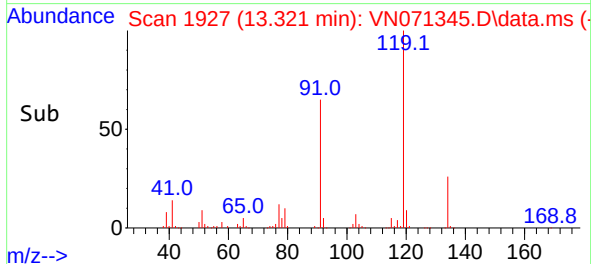
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 517850
Ion Ratio Lower Upper
119 100
91 64.4 0.0 137.0
134 27.0 0.0 47.6

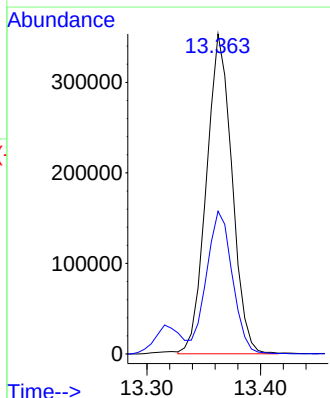
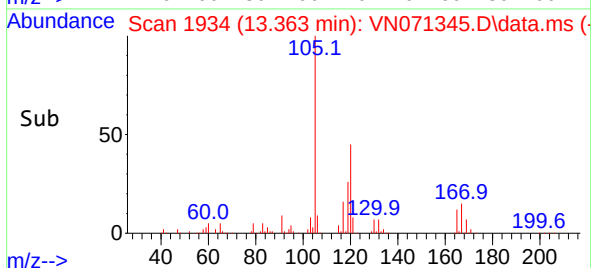
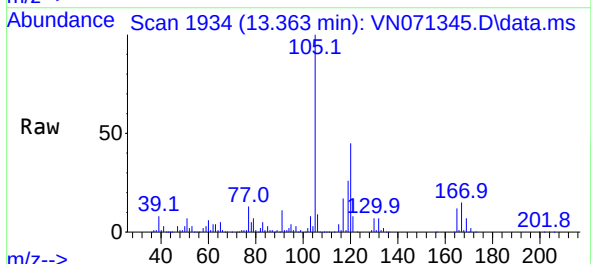
Manual Integrations
APPROVED

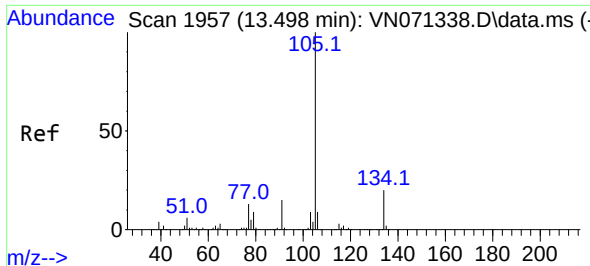
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.001 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion:105 Resp: 553716
Ion Ratio Lower Upper
105 100
120 45.7 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 19.799 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071345.D
 Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

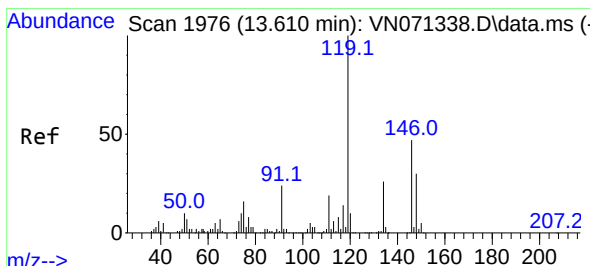
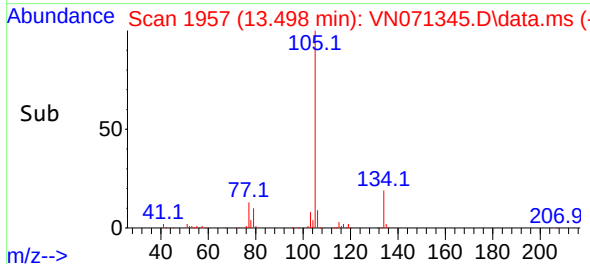
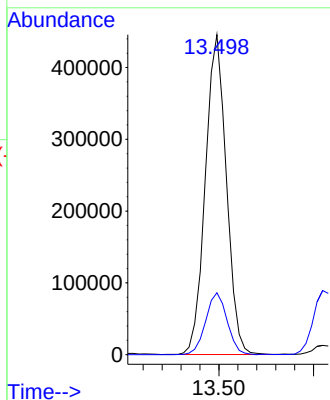
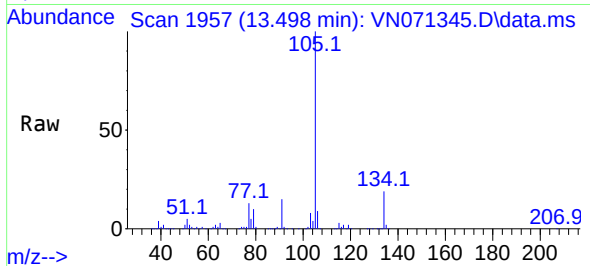
ClientSampleId :

VSTDCCC020

Tgt Ion:105 Resp: 68686
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

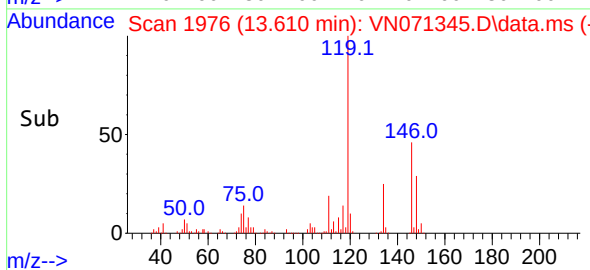
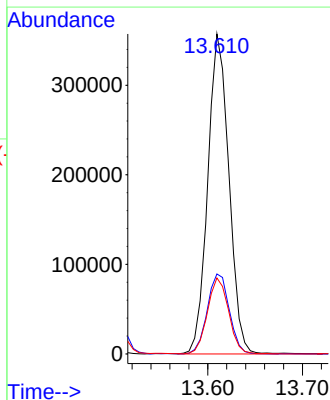
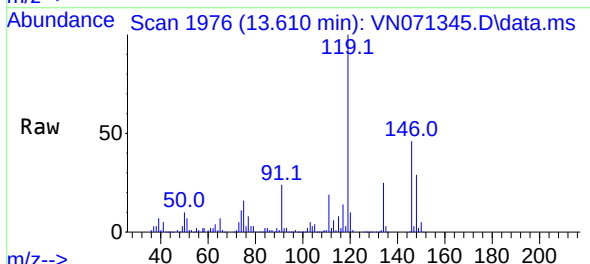
Manual Integrations
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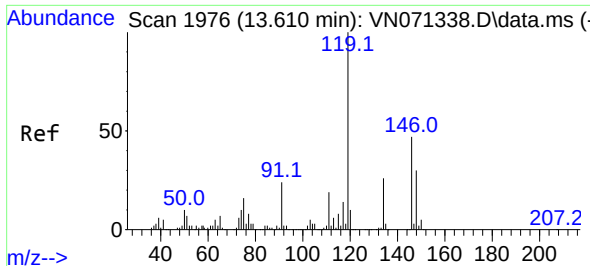
Reviewed By :John Carlone 03/18/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022



#82
 p-Isopropyltoluene
 Concen: 19.870 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071345.D
 Acq: 17 Mar 2022 10:26

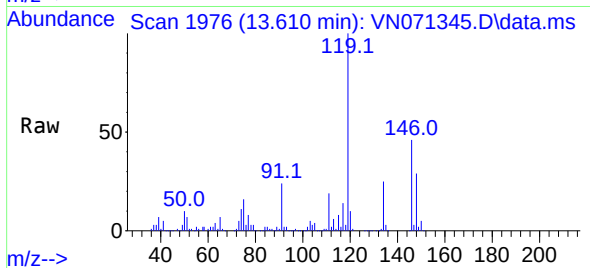
Tgt Ion:119 Resp: 554408
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 23.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.097 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

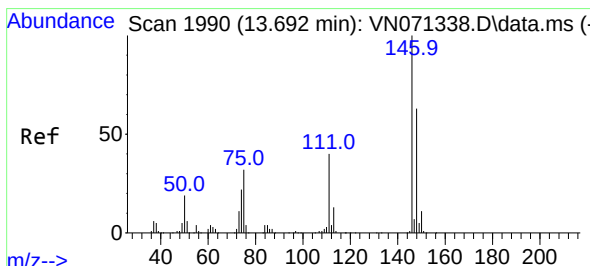
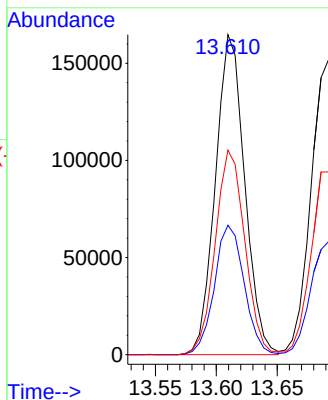
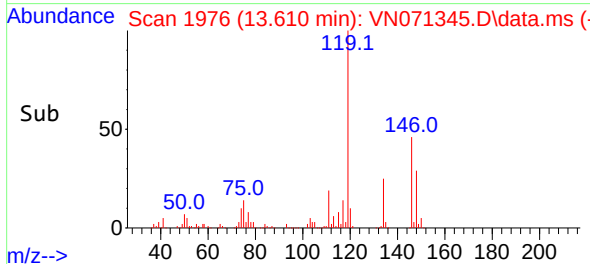
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



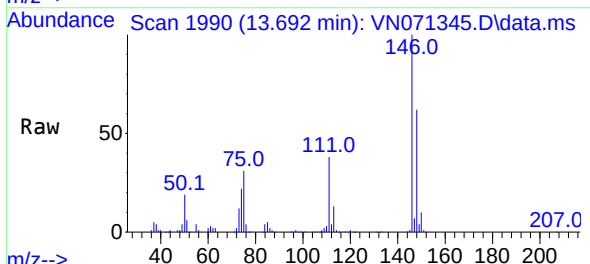
Tgt Ion:146 Resp: 27620
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 64.6 31.4 94.3

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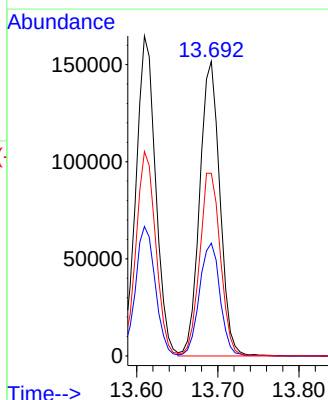
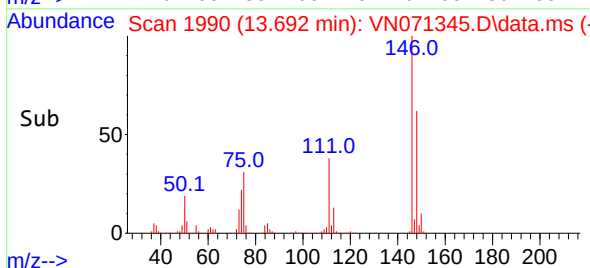
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

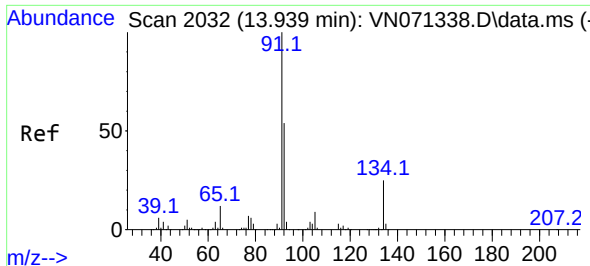


#84
1,4-Dichlorobenzene
Concen: 20.022 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



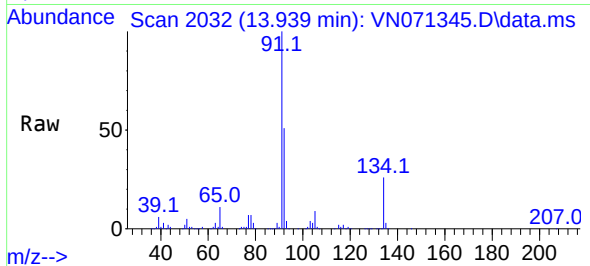
Tgt Ion:146 Resp: 261969
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.8 31.1 93.5





#85
n-Butylbenzene
Concen: 20.094 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

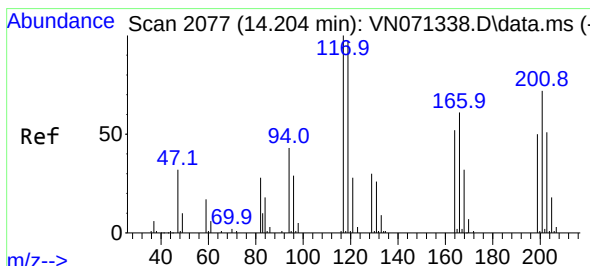
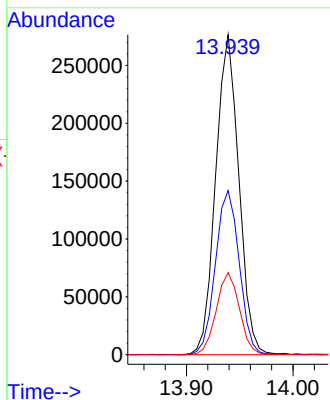
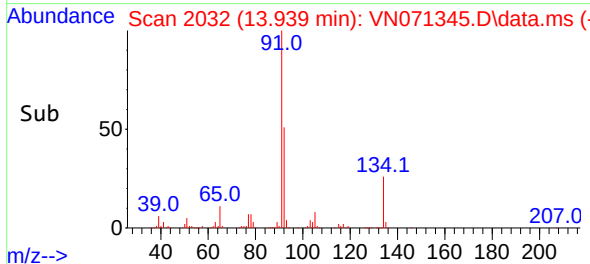
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 41745
Ion Ratio Lower Upper
91 100
92 52.7 0.0 100.6
134 25.7 0.0 50.2

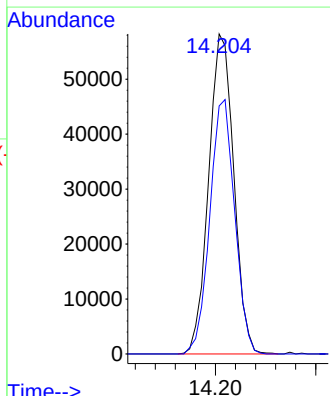
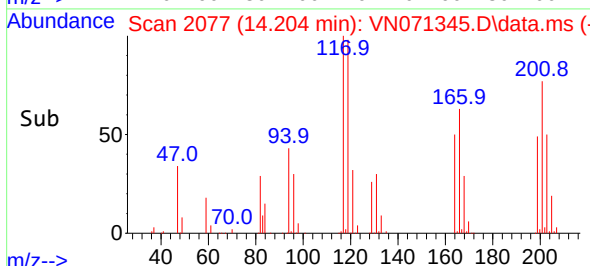
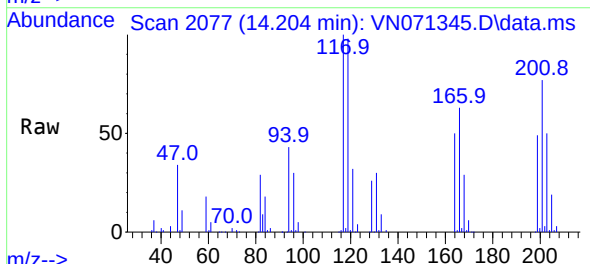
Manual Integrations
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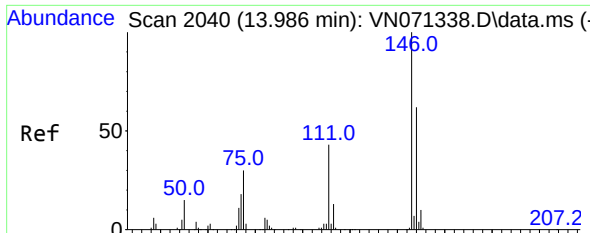
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#86
Hexachloroethane
Concen: 19.027 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

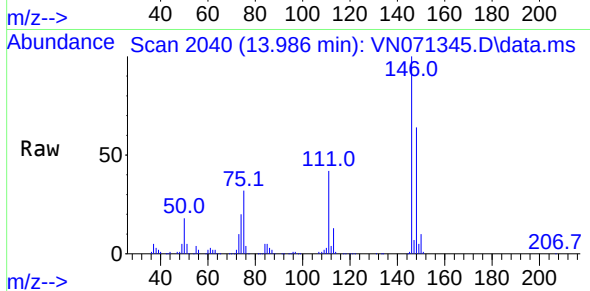
Tgt Ion:117 Resp: 101106
Ion Ratio Lower Upper
117 100
201 78.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.486 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

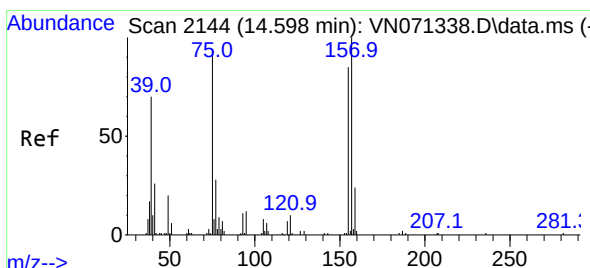
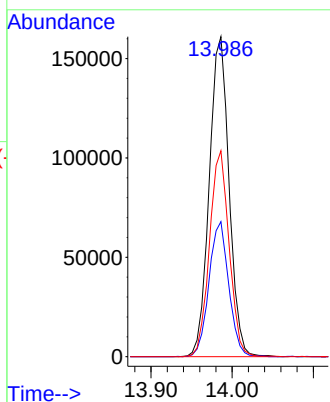
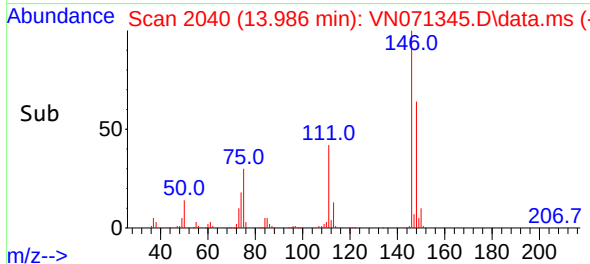
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 27310
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.7 32.5 97.4

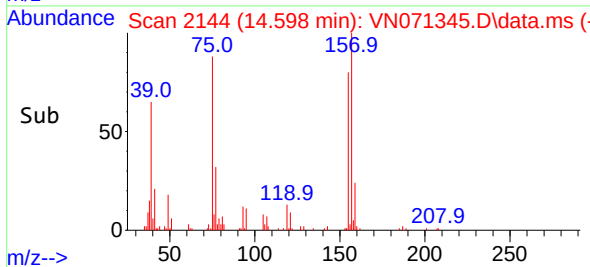
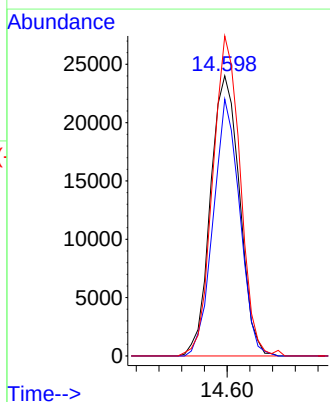
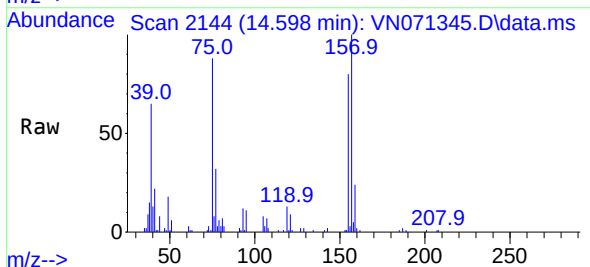
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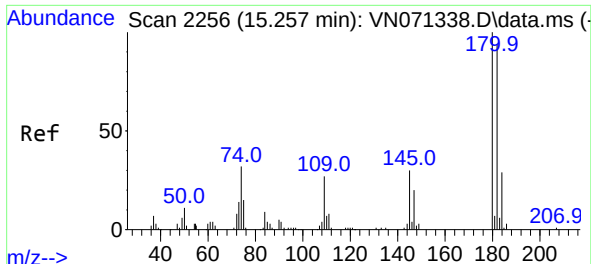
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.818 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Tgt Ion: 75 Resp: 42681
Ion Ratio Lower Upper
75 100
155 83.5 63.8 95.8
157 107.5 77.9 116.9





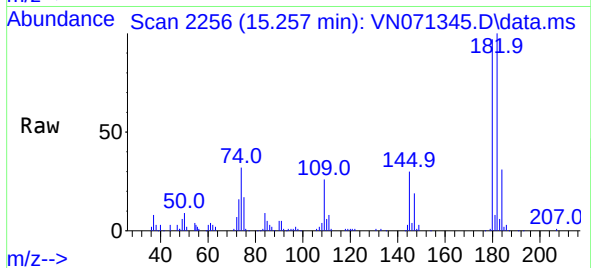
#89
1,2,4-Trichlorobenzene
Concen: 18.932 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

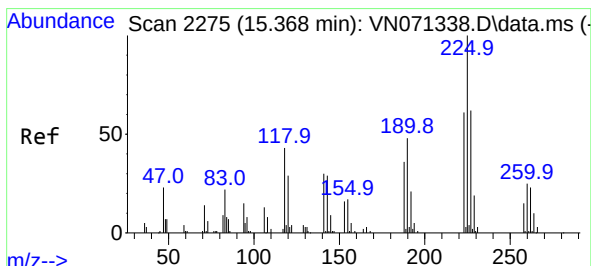
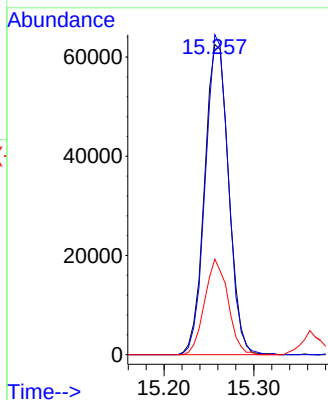
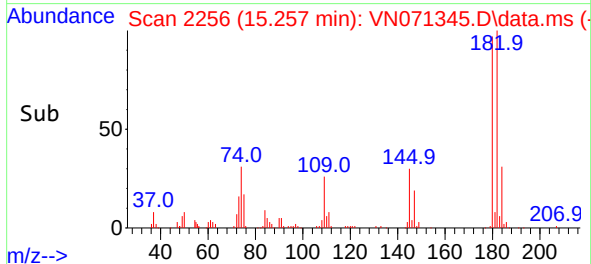


Tgt Ion:180 Resp: 11687
Ion Ratio Lower Upper
180 100
182 98.2 77.7 116.5
145 29.7 26.6 39.8

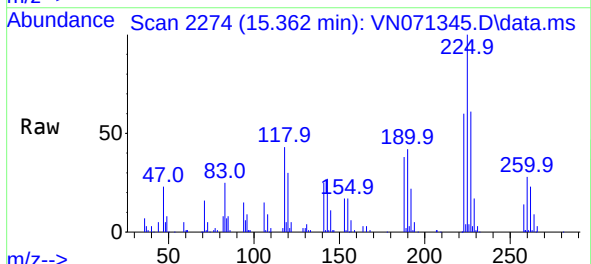
Manual Integrations

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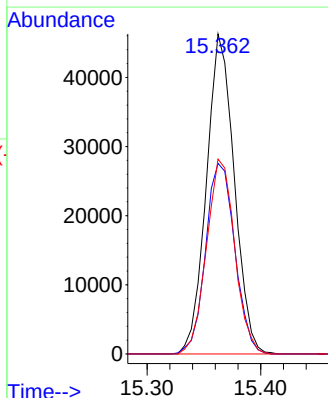
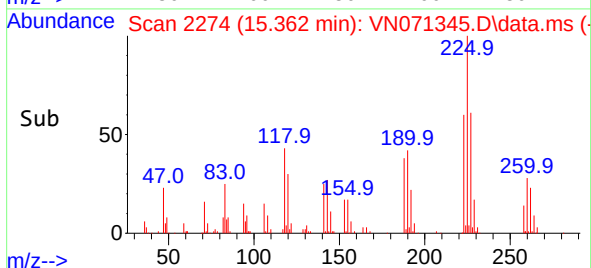
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

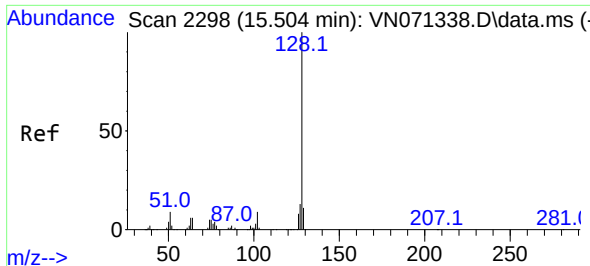


#90
Hexachlorobutadiene
Concen: 22.601 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



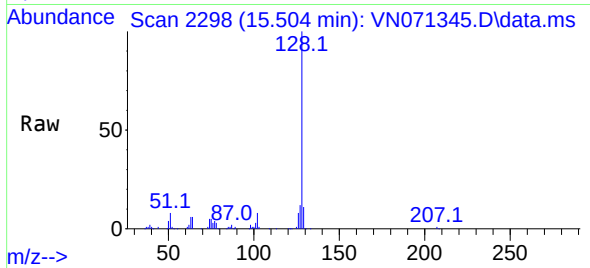
Tgt Ion:225 Resp: 78831
Ion Ratio Lower Upper
225 100
223 62.5 0.0 126.8
227 61.7 0.0 123.0





#91
Naphthalene
Concen: 16.505 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26

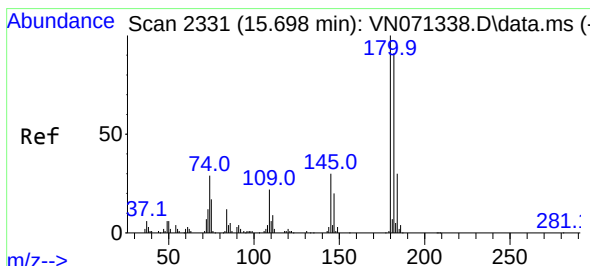
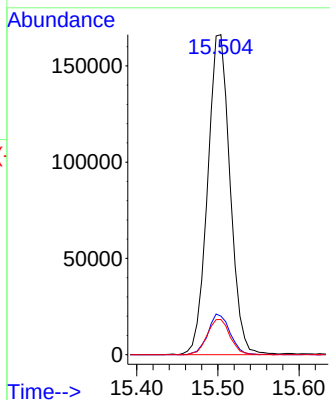
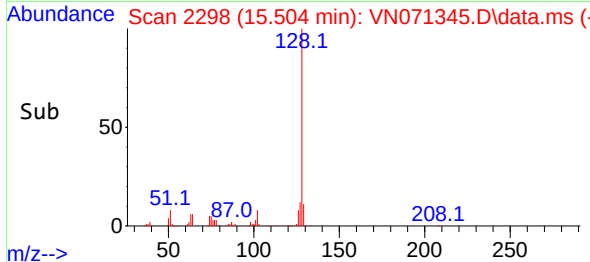
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



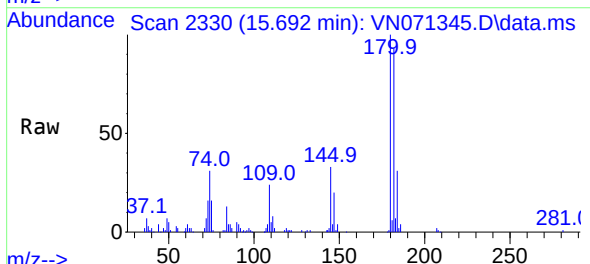
Tgt Ion:128 Resp: 318914
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 11.2 9.0 13.6

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: 18.429 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071345.D
Acq: 17 Mar 2022 10:26



Tgt Ion:180 Resp: 116675
Ion Ratio Lower Upper
180 100
182 95.7 0.0 190.0
145 31.9 0.0 67.8

