

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072525.D
 Acq On : 17 May 2022 00:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 07:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	24562	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	131751	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	123169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	86562	31.320	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.400%			
60) 4-Bromofluorobenzene	12.727	95	71165	29.591	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.633%			
63) Toluene-d8	10.439	98	207607	30.878	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.933%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	40616	19.907	ug/l	100
3) Chloromethane	2.299	50	32532	17.654	ug/l	95
4) Vinyl Chloride	2.446	62	30639	19.696	ug/l	99
5) Bromomethane	2.851	94	24944	19.714	ug/l	98
6) Chloroethane	3.016	64	22275	21.927	ug/l	100
7) Trichlorofluoromethane	3.375	101	72919	19.844	ug/l	98
8) Diethyl Ether	3.822	74	19641	17.768	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	33095m	19.114	ug/l	
10) 1,1-Dichloroethene	4.181	96	29430	18.851	ug/l	96
11) Methyl Iodide	4.422	142	44312	18.848	ug/l	91
12) Methyl Acetate	4.857	43	45870	18.162	ug/l	92
13) Acrolein	4.040	56	31170	78.544	ug/l	99
14) Acrylonitrile	5.557	53	93422	87.673	ug/l	99
15) Acetone	4.287	58	27051m	96.813	ug/l	
16) Carbon Disulfide	4.528	76	74726	18.452	ug/l	98
17) Allyl chloride	4.840	41	47208	16.752	ug/l	89
18) Methylene Chloride	5.093	84	35794	19.370	ug/l	95
19) trans-1,2-Dichloroethene	5.598	96	31861	18.581	ug/l	94
20) Diisopropyl ether	6.492	45	107063	18.275	ug/l	95
21) 1,1-Dichloroethane	6.387	63	66310	18.927	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	38981	19.362	ug/l	94
23) tert-Butyl Alcohol	5.357	59	36166m	77.377	ug/l	
24) Methyl tert-Butyl Ether	5.616	73	123866	19.340	ug/l	98
25) Chloroform	7.816	83	76187	20.163	ug/l	97
26) Cyclohexane	8.092	56	53697	18.887	ug/l #	100
29) 1,1-Dichloropropene	8.222	75	51097	19.474	ug/l	95
30) 2-Butanone	7.328	43	131068	86.305	ug/l	97
31) 2,2-Dichloropropane	7.322	77	50450	15.498	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	73825	19.725	ug/l	98
33) Carbon Tetrachloride	8.204	117	66584	20.019	ug/l	91
34) Benzene	8.457	78	143215	19.209	ug/l	96
35) Methacrylonitrile	7.634	41	27745	17.279	ug/l	95
36) 1,2-Dichloroethane	8.528	62	68601	19.757	ug/l	98
37) Trichloroethene	9.216	130	39500	19.528	ug/l	100
38) Methylcyclohexane	9.457	83	58121	19.159	ug/l	96
39) 1,2-Dichloropropane	9.486	63	35094	18.686	ug/l	99
40) Dibromomethane	9.575	93	26683	18.405	ug/l	89
41) Bromodichloromethane	9.757	83	58736	19.123	ug/l	98
42) Vinyl Acetate	6.434	43	486917	95.259	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072525.D
 Acq On : 17 May 2022 00:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

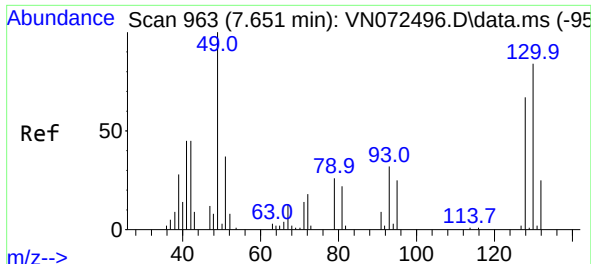
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 07:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

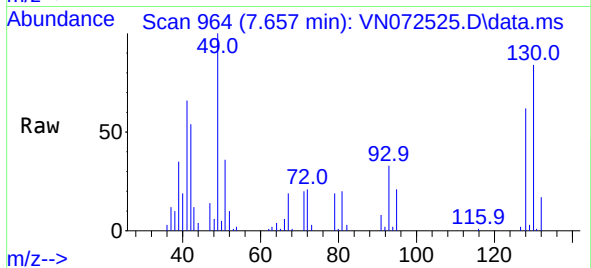
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	51597	17.397	ug/l	98
44) Isopropyl Acetate	8.563	43	86686	18.259	ug/l	98
45) 1,4-Dioxane	9.569	88	12501	276.464	ug/l	92
46) Methyl methacrylate	9.557	41	39422	17.549	ug/l	85
47) n-amyl Acetate	12.386	43	57167	17.988	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	56151	17.317	ug/l	96
49) cis-1,3-Dichloropropene	10.186	75	56841	17.392	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	37973	18.989	ug/l	94
51) Ethyl methacrylate	10.757	69	56240	18.036	ug/l	96
52) 1,3-Dichloropropane	11.039	76	66766	19.324	ug/l	97
53) Dibromochloromethane	11.239	129	45310	18.766	ug/l	99
54) 1,2-Dibromoethane	11.345	107	39873	18.745	ug/l	95
55) 2-Chloroethyl vinyl ether	10.039	63	64674	81.742	ug/l	99
56) Bromoform	12.457	173	33507	18.401	ug/l #	95
58) 4-Methyl-2-Pentanone	10.327	43	267453	92.152	ug/l	98
59) 2-Hexanone	11.080	43	189955	89.092	ug/l	98
61) Tetrachloroethene	10.969	164	36640	19.864	ug/l	94
62) Toluene	10.504	91	160236	19.257	ug/l	95
64) Chlorobenzene	11.769	112	96727	18.635	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.839	131	42249	19.686	ug/l	97
66) Ethyl Benzene	11.839	91	179970	19.229	ug/l	97
67) m/p-Xylenes	11.951	106	138640	39.071	ug/l	96
68) o-Xylene	12.274	106	68049	19.400	ug/l	94
69) Styrene	12.292	104	107466	19.237	ug/l	93
70) Isopropylbenzene	12.574	105	182232	19.579	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	56950	20.037	ug/l	96
72) 1,2,3-Trichloropropane	12.874	75	51929m	19.480	ug/l	
73) Bromobenzene	12.857	156	43523	19.430	ug/l	97
74) n-propylbenzene	12.916	91	196771	19.312	ug/l	99
75) 2-Chlorotoluene	13.004	91	127219	19.325	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	158660	19.931	ug/l	98
77) t-1,4-Dichloro-2-butene	12.621	75	12873	14.615	ug/l	80
78) 4-Chlorotoluene	13.104	91	119718	19.402	ug/l	95
79) tert-butylbenzene	13.321	119	131994	18.872	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	153156m	19.965	ug/l	
81) sec-Butylbenzene	13.498	105	180281	19.441	ug/l	98
82) p-Isopropyltoluene	13.610	119	150236	19.576	ug/l	98
83) 1,3-Dichlorobenzene	13.616	146	75488	19.741	ug/l	100
84) 1,4-Dichlorobenzene	13.692	146	69350	18.637	ug/l	99
85) n-Butylbenzene	13.939	91	108383	19.057	ug/l	98
86) Hexachloroethane	14.204	117	25805	18.260	ug/l	88
87) 1,2-Dichlorobenzene	13.986	146	74893	20.033	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	12368	18.485	ug/l	96
89) 1,2,4-Trichlorobenzene	15.262	180	31576	18.659	ug/l	98
90) Hexachlorobutadiene	15.362	225	21113	20.187	ug/l	97
91) Naphthalene	15.504	128	82944	19.285	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	31752	18.433	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

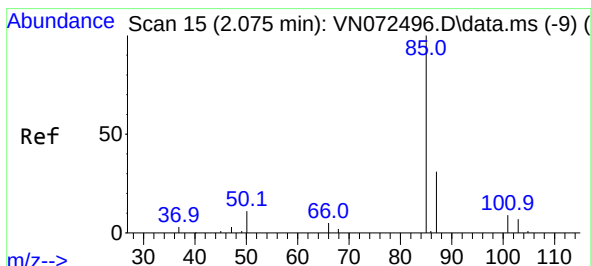
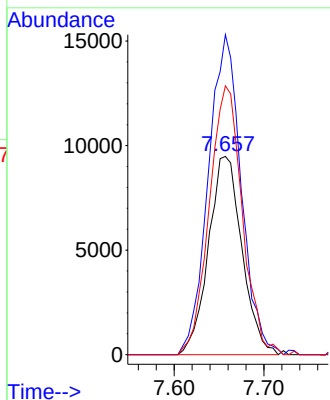
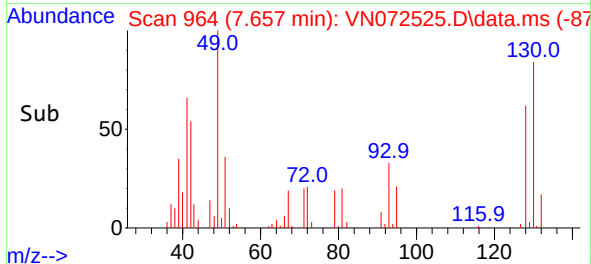
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



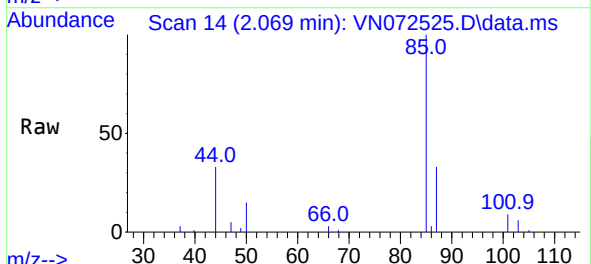
Tgt Ion:128 Resp: 2456
Ion Ratio Lower Upper
128 100
49 158.4 0.0 392.3
130 132.7 0.0 320.2

Manual Integrations
APPROVED

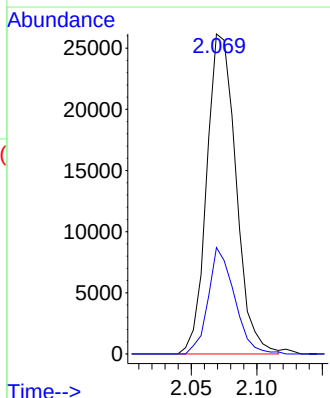
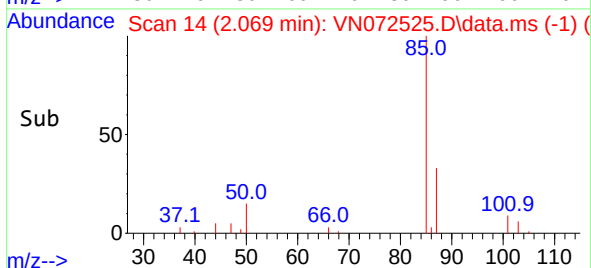
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

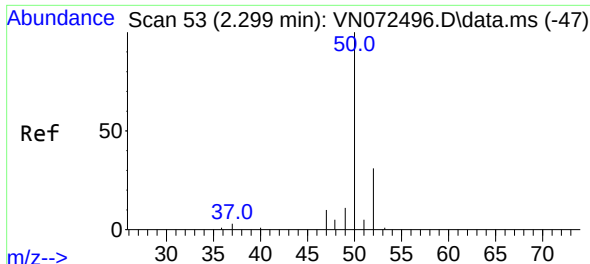


#2
Dichlorodifluoromethane
Concen: 19.907 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



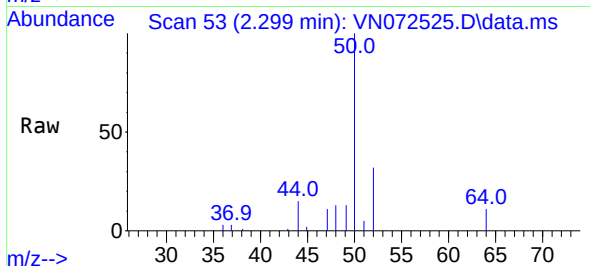
Tgt Ion: 85 Resp: 40616
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.7





#3
Chloromethane
Concen: 17.654 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

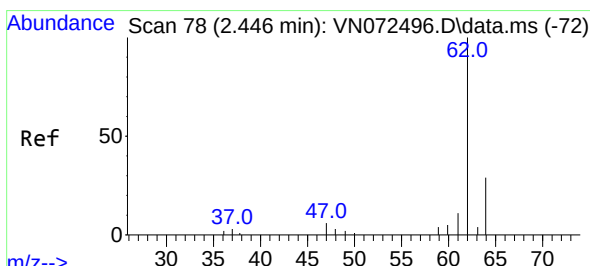
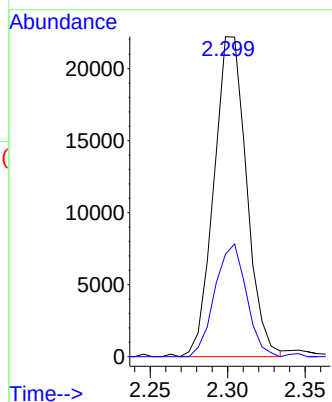
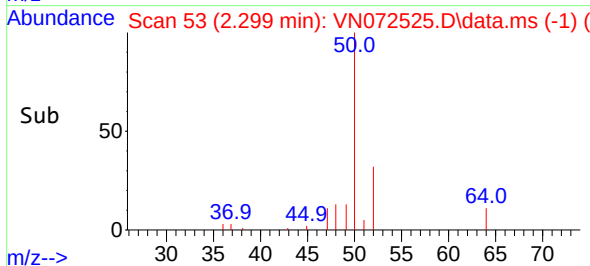
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



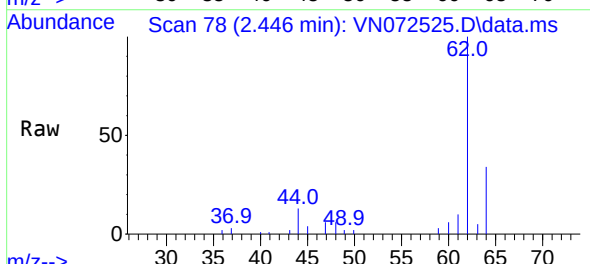
Tgt Ion: 50 Resp: 3253
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.6

Manual Integrations
APPROVED

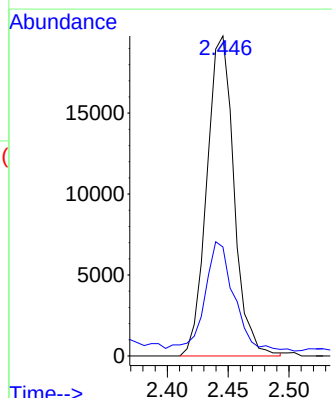
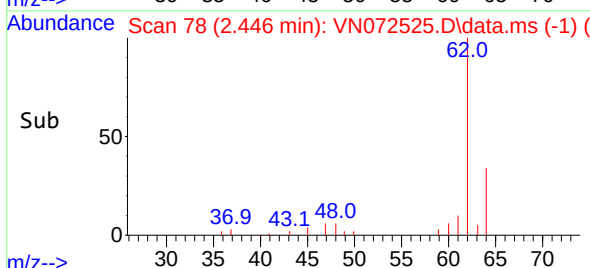
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

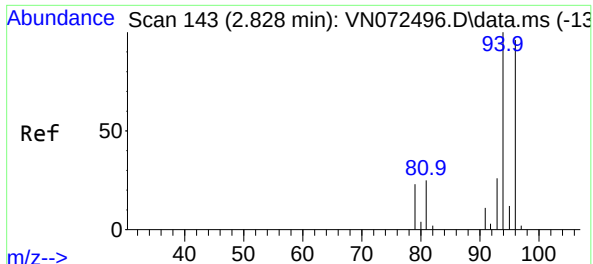


#4
Vinyl Chloride
Concen: 19.696 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



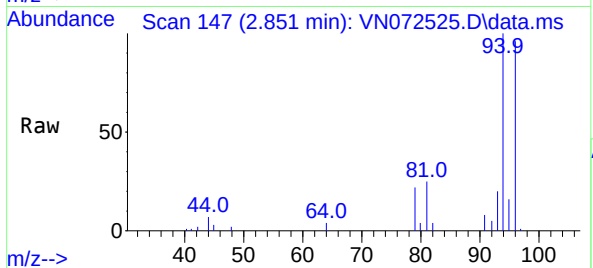
Tgt Ion: 62 Resp: 30639
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





#5
Bromomethane
Concen: 19.714 ug/l
RT: 2.851 min Scan# 14
Delta R.T. 0.024 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

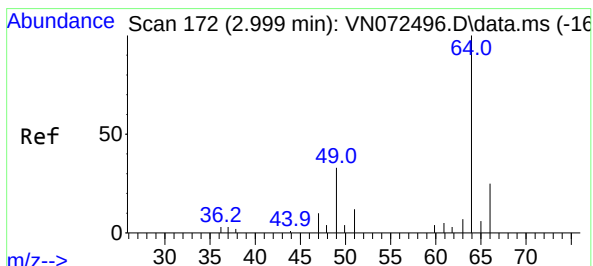
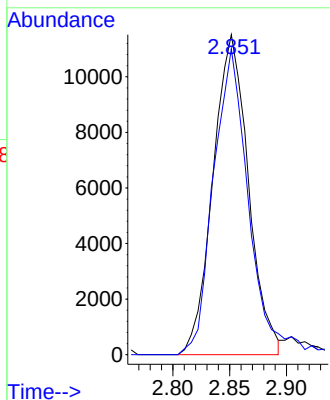
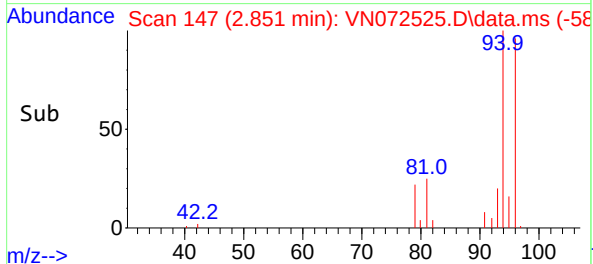
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



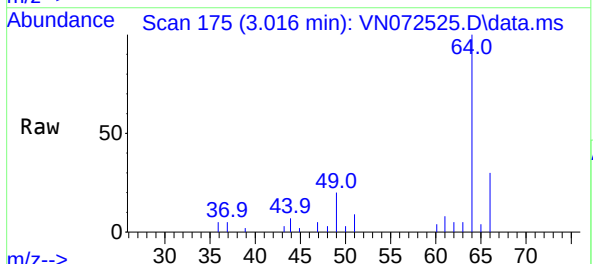
Tgt Ion: 94 Resp: 24944
Ion Ratio Lower Upper
94 100
96 95.6 75.2 112.8

Manual Integrations
APPROVED

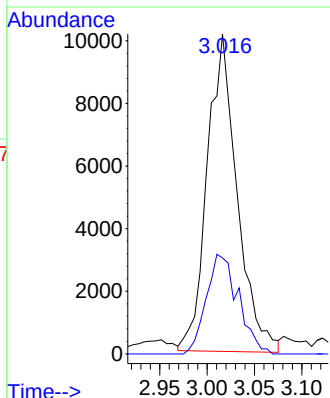
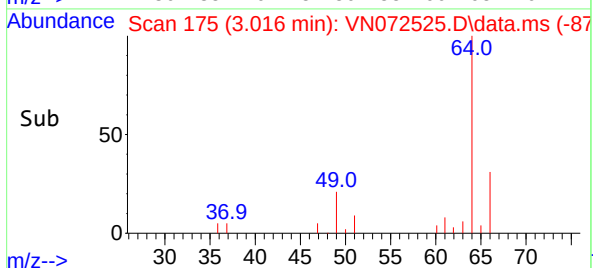
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

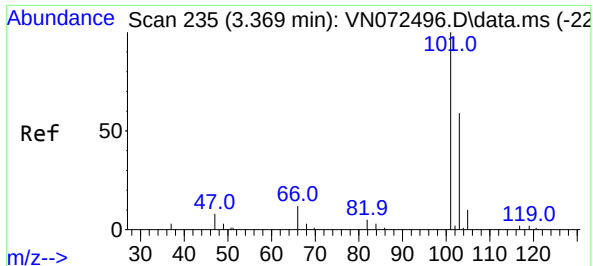


#6
Chloroethane
Concen: 21.927 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.018 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 64 Resp: 22275
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





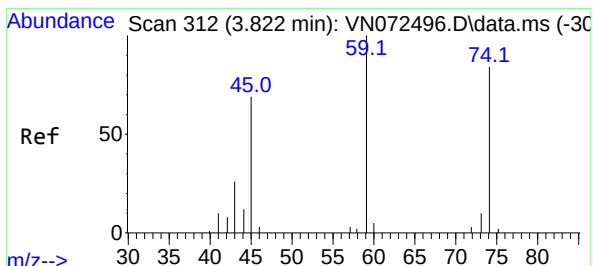
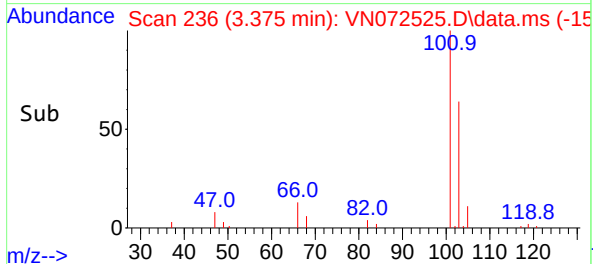
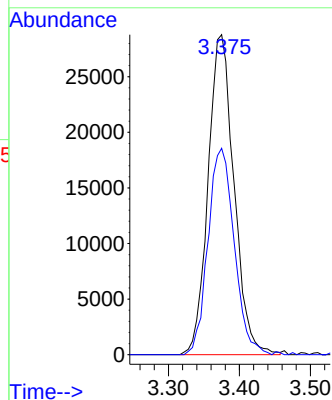
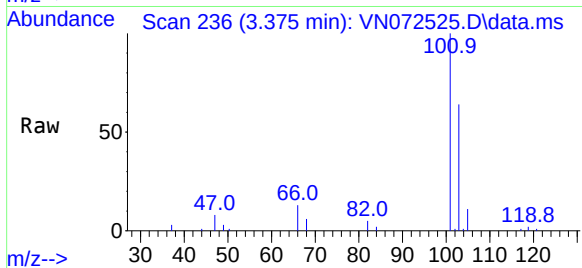
#7
Trichlorofluoromethane
Concen: 19.844 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 72919
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

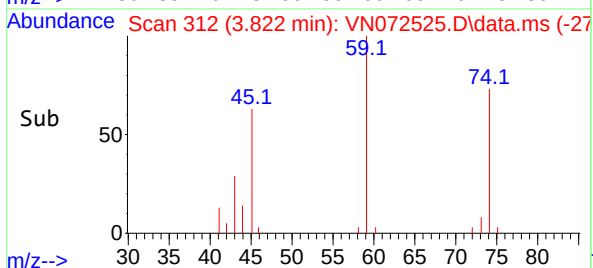
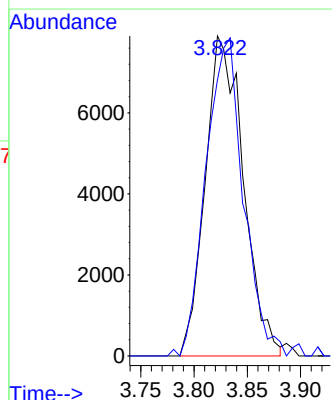
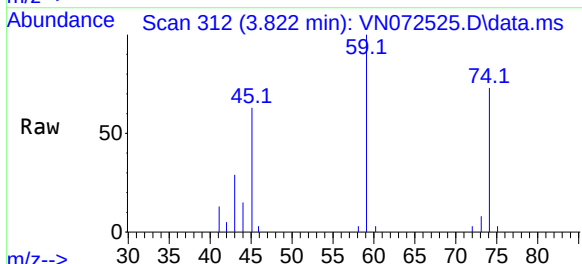
Manual Integrations
APPROVED

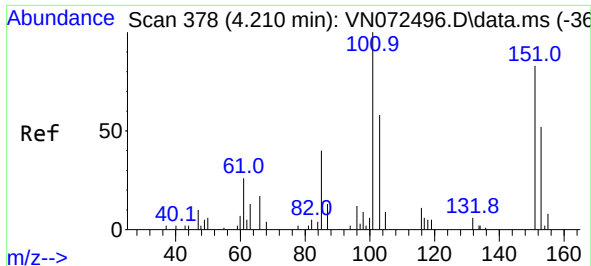
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#8
Diethyl Ether
Concen: 17.768 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Tgt Ion: 74 Resp: 19641
Ion Ratio Lower Upper
74 100
45 95.7 17.6 158.8





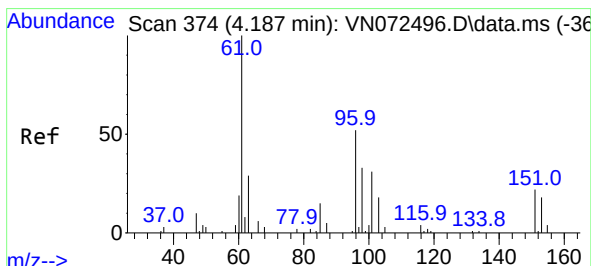
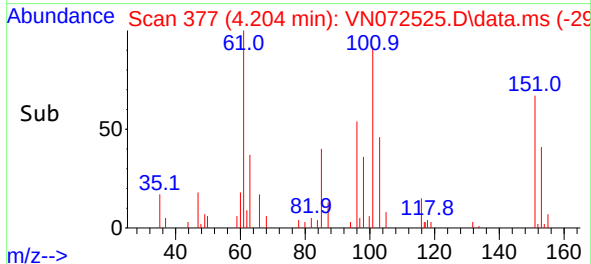
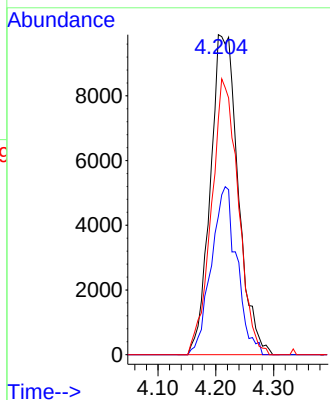
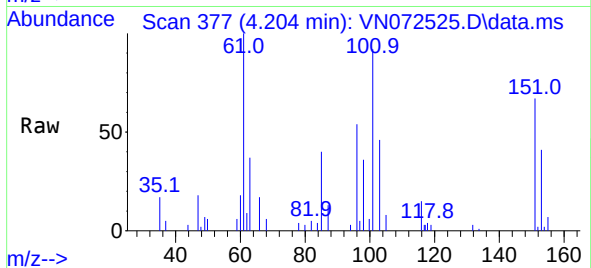
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.114 ug/l m
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3309
Ion Ratio Lower Upper
101 100
85 37.3 0.0 94.0
151 83.0 0.0 74.6

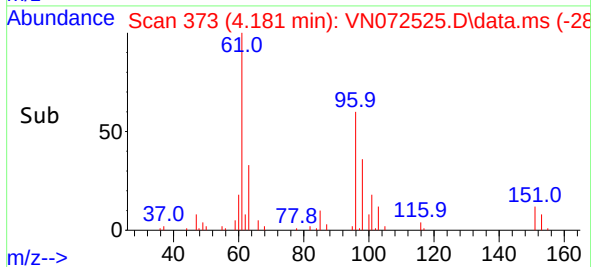
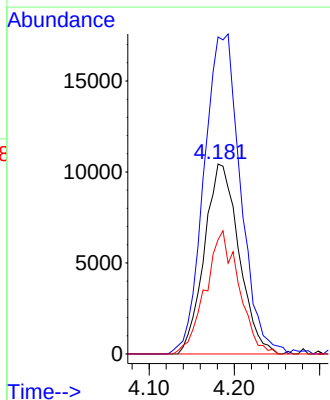
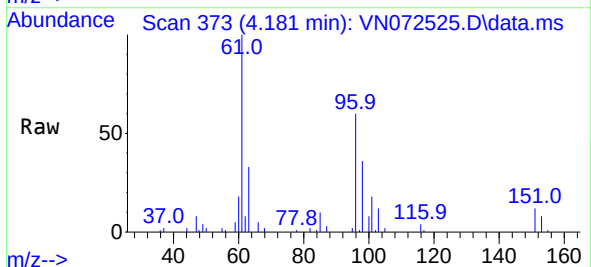
Manual Integrations
APPROVED

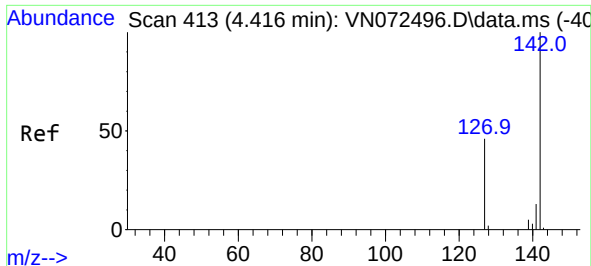
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
1,1-Dichloroethene
Concen: 18.851 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

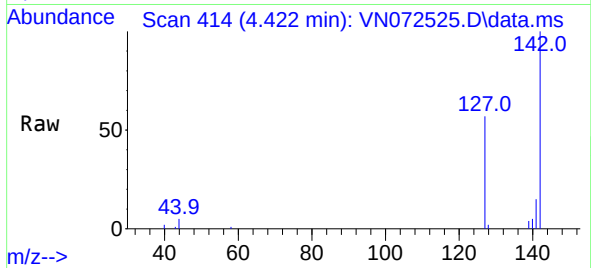
Tgt Ion: 96 Resp: 29430
Ion Ratio Lower Upper
96 100
61 162.7 126.2 189.4
98 60.1 50.9 76.3





#11
Methyl Iodide
Concen: 18.848 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

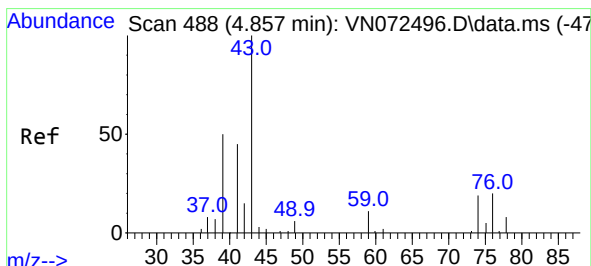
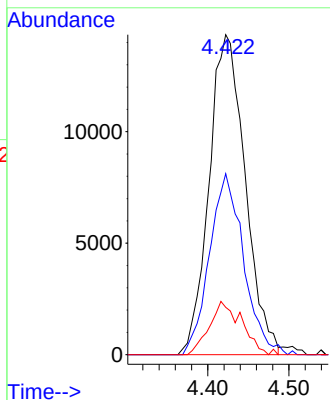
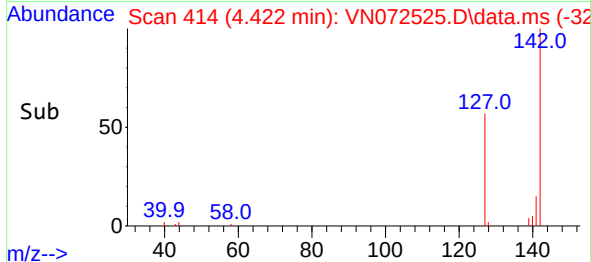
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 44312
Ion Ratio Lower Upper
142 100
127 55.6 24.0 72.0
141 15.0 8.4 25.2

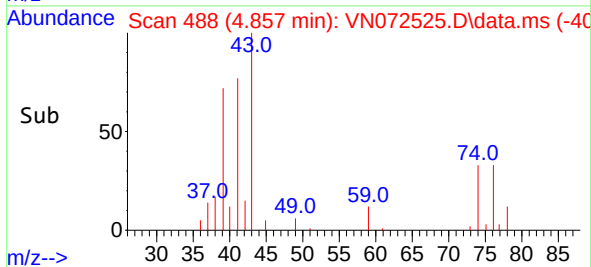
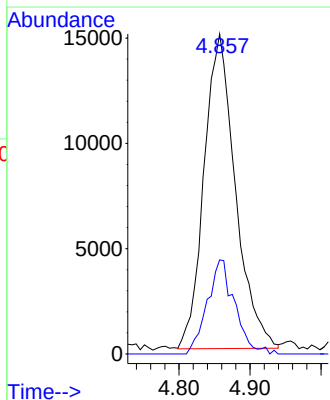
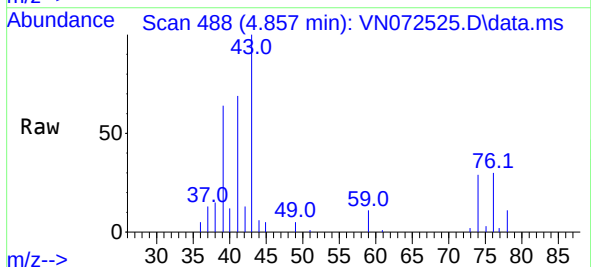
Manual Integrations
APPROVED

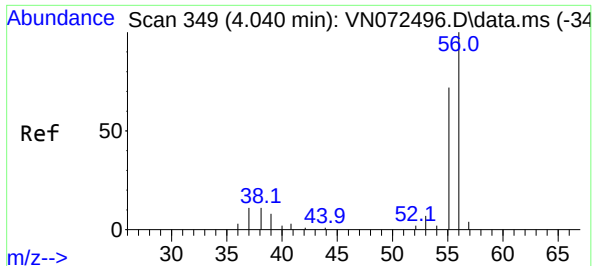
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#12
Methyl Acetate
Concen: 18.162 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

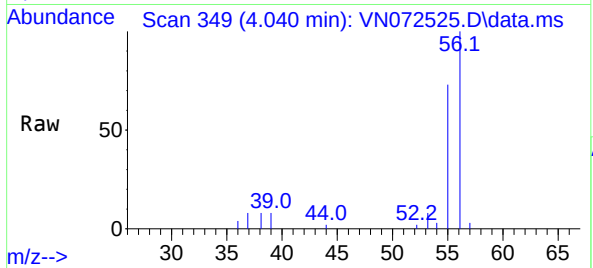
Tgt Ion: 43 Resp: 45870
Ion Ratio Lower Upper
43 100
74 30.1 20.8 31.2





#13
Acrolein
Concen: 78.544 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

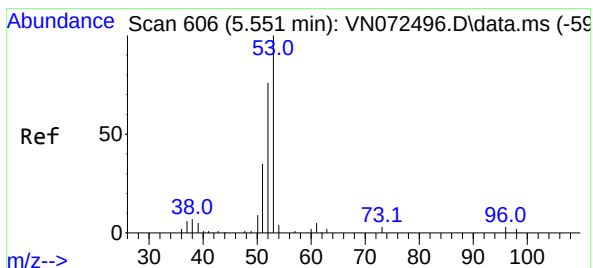
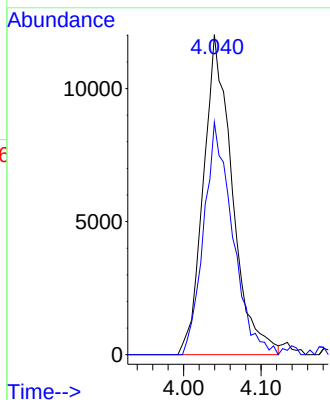
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 31170
Ion Ratio Lower Upper
56 100
55 72.6 57.6 86.4

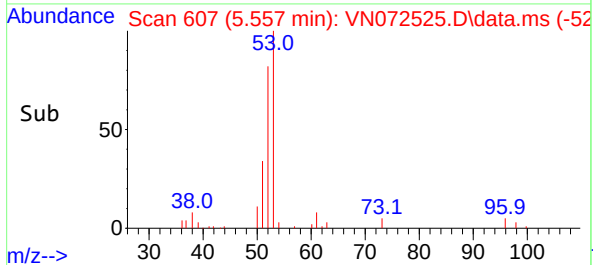
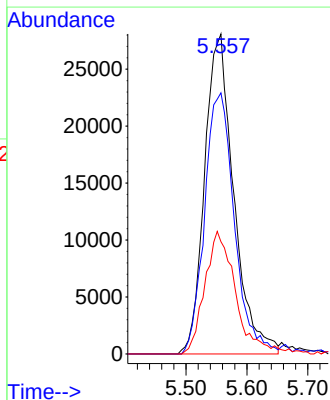
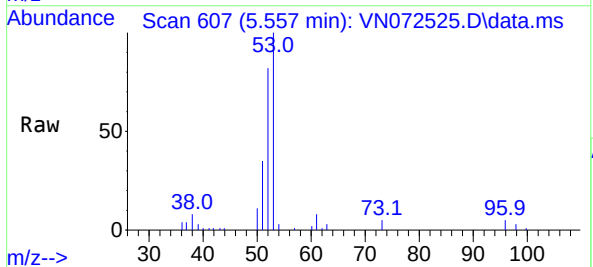
Manual Integrations
APPROVED

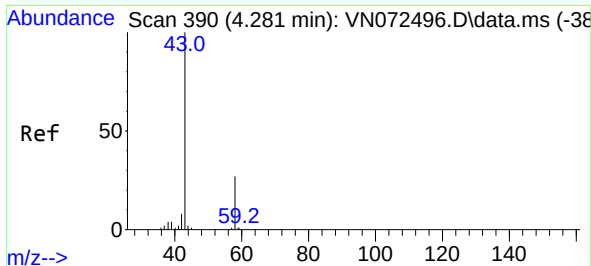
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#14
Acrylonitrile
Concen: 87.673 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Tgt Ion: 53 Resp: 93422
Ion Ratio Lower Upper
53 100
52 83.4 41.8 125.4
51 39.6 19.0 57.0





#15

Acetone

Concen: 96.813 ug/l m

RT: 4.287 min Scan# 390

Delta R.T. 0.006 min

Lab File: VN072525.D

Acq: 17 May 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 2705

Ion Ratio Lower Upper

58 100

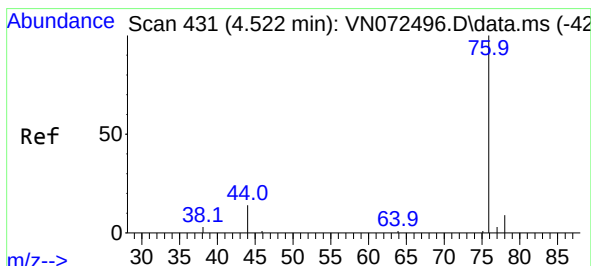
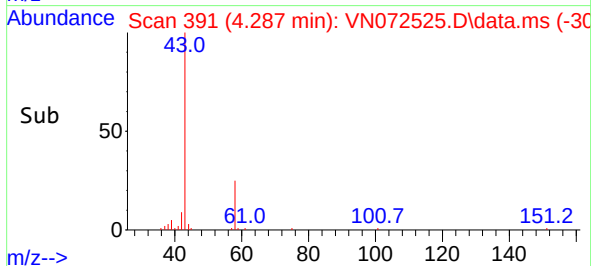
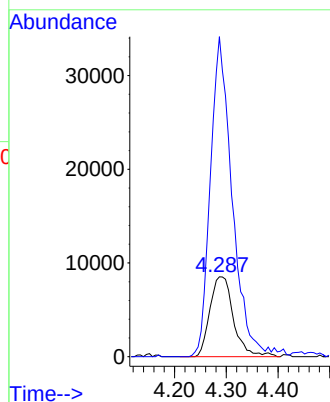
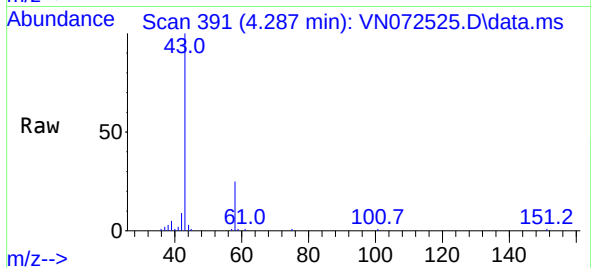
43 400.8 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#16

Carbon Disulfide

Concen: 18.452 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.006 min

Lab File: VN072525.D

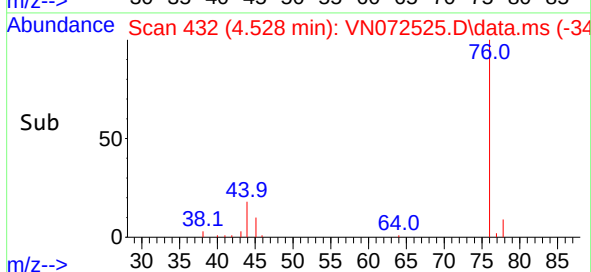
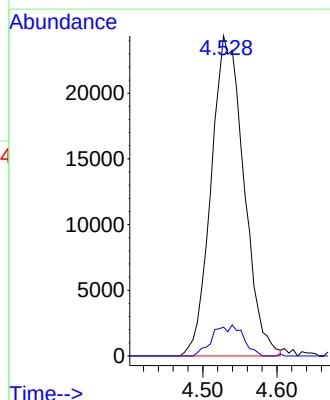
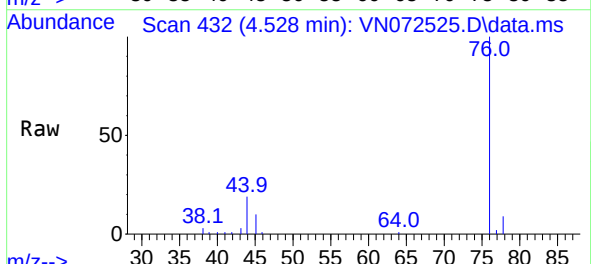
Acq: 17 May 2022 00:59

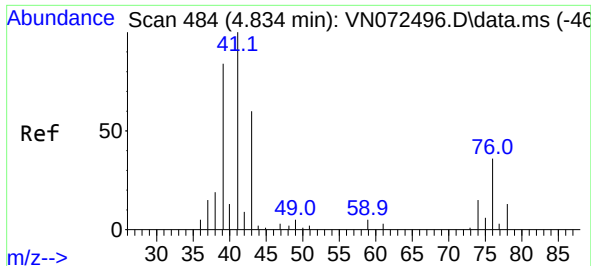
Tgt Ion: 76 Resp: 74726

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8





#17

Allyl chloride

Concen: 16.752 ug/l

RT: 4.840 min Scan# 484

Delta R.T. 0.006 min

Lab File: VN072525.D

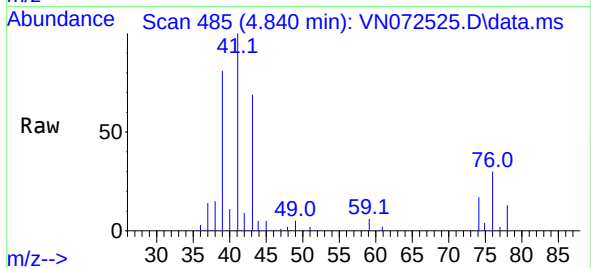
Acq: 17 May 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 41 Resp: 47208

Ion Ratio Lower Upper

41 100

39 80.3 44.6 134.0

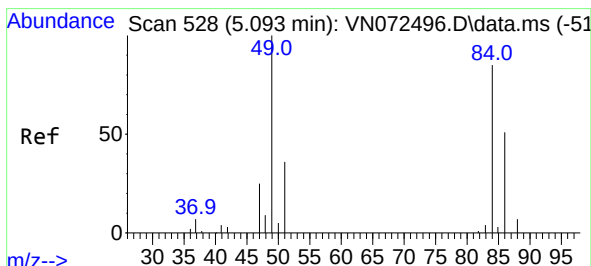
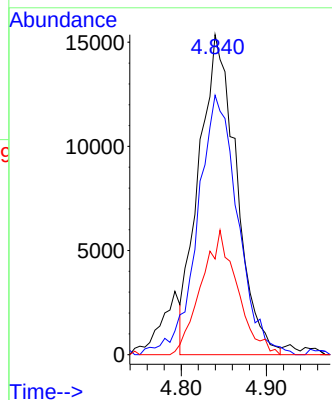
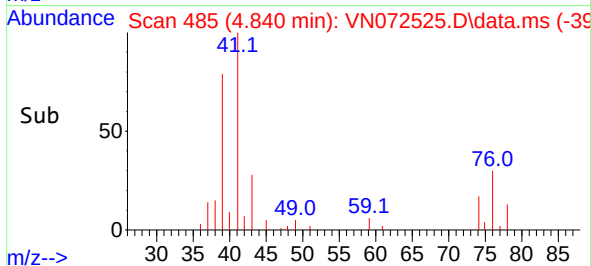
76 30.5 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#18

Methylene Chloride

Concen: 19.370 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072525.D

Acq: 17 May 2022 00:59

Tgt Ion: 84 Resp: 35794

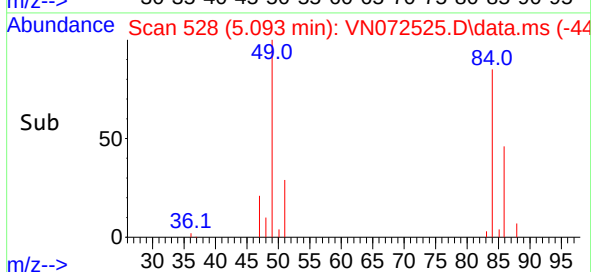
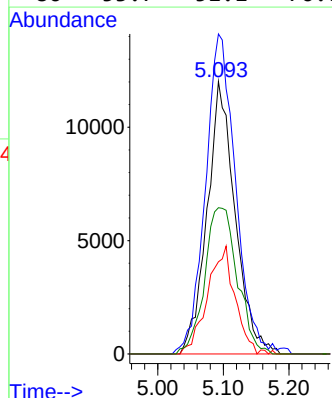
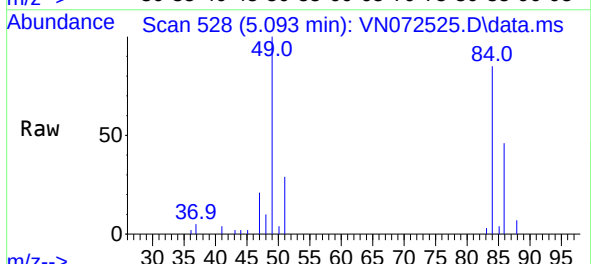
Ion Ratio Lower Upper

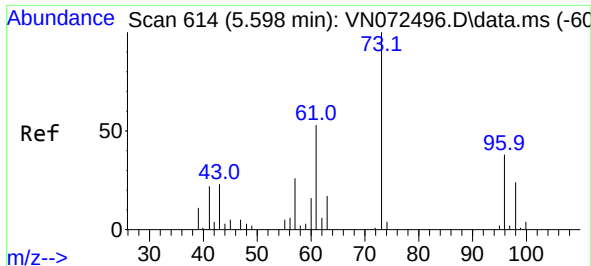
84 100

49 115.4 91.4 137.0

51 33.8 29.4 44.0

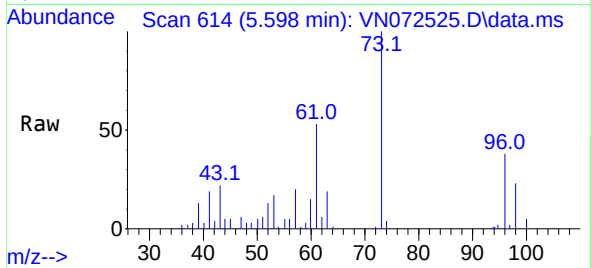
86 53.7 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 18.581 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

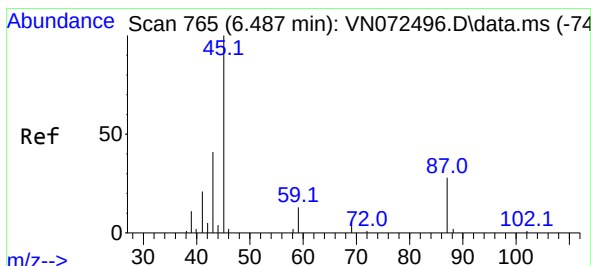
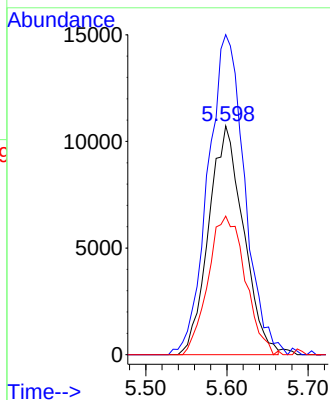
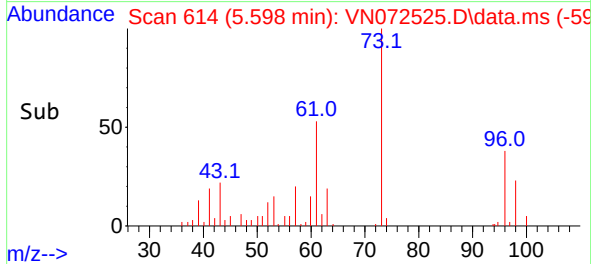
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



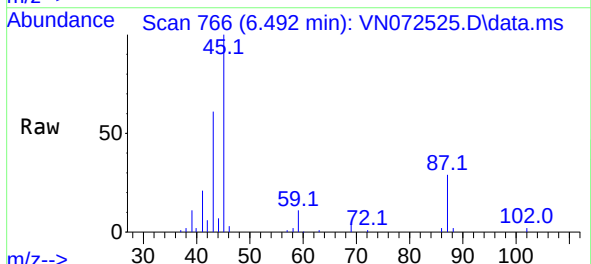
Tgt Ion: 96 Resp: 3186
Ion Ratio Lower Upper
96 100
61 137.5 102.8 154.2
98 60.6 49.3 73.9

Manual Integrations
APPROVED

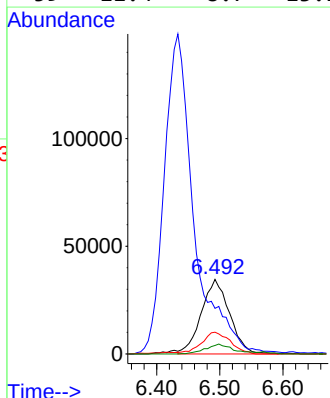
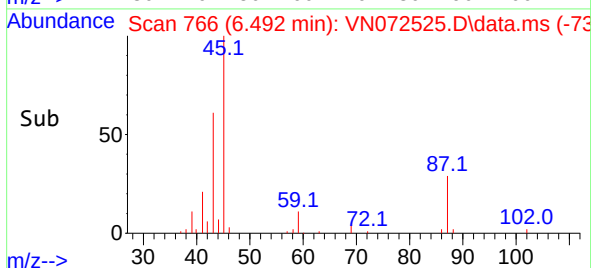
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

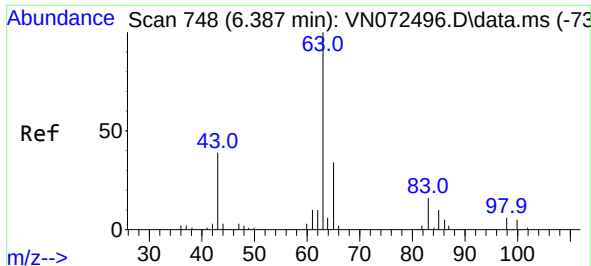


#20
Diisopropyl ether
Concen: 18.275 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 45 Resp: 107063
Ion Ratio Lower Upper
45 100
43 58.5 51.0 76.4
87 29.3 25.0 37.4
59 11.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.927 ug/l

RT: 6.387 min Scan# 748

Delta R.T. 0.000 min

Lab File: VN072525.D

Acq: 17 May 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 66310

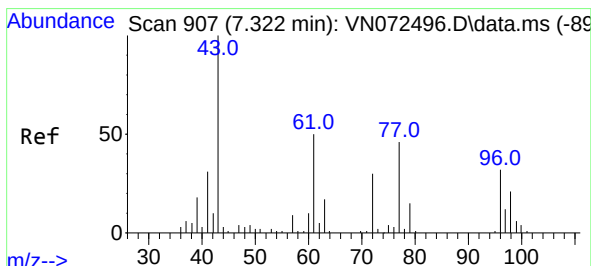
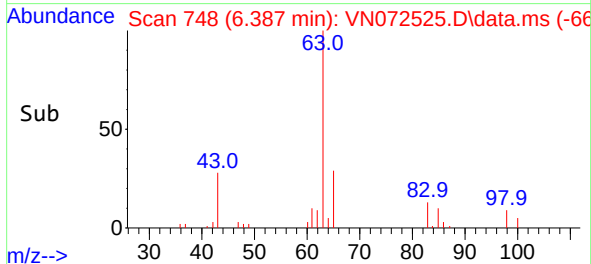
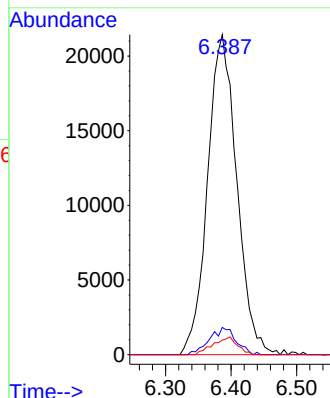
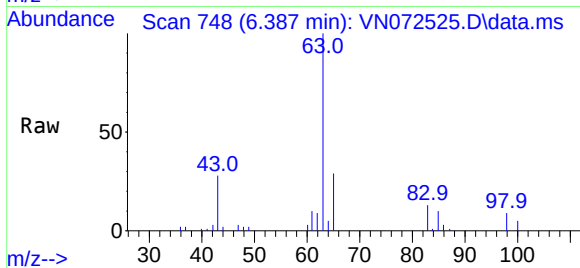
Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.2	9.6
100	4.6	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#22

cis-1,2-Dichloroethene

Concen: 19.362 ug/l

RT: 7.322 min Scan# 907

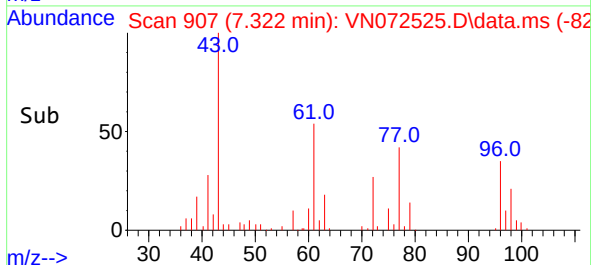
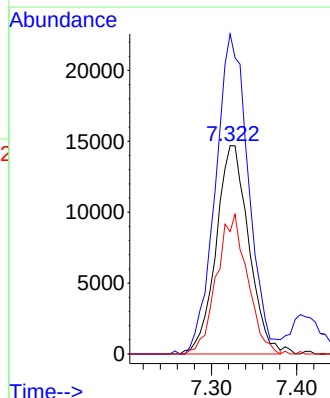
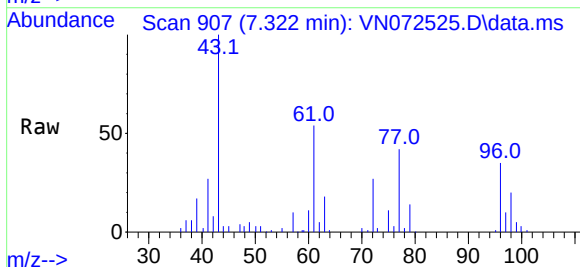
Delta R.T. 0.000 min

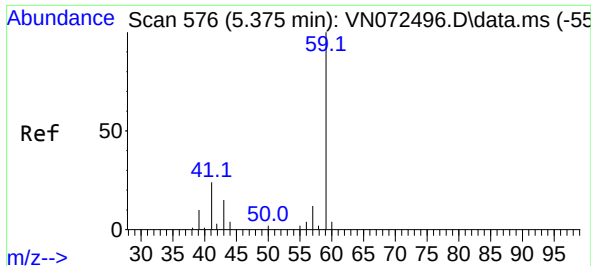
Lab File: VN072525.D

Acq: 17 May 2022 00:59

Tgt Ion: 96 Resp: 38981

Ion	Ratio	Lower	Upper
96	100		
61	154.2	115.7	173.5
98	63.2	51.6	77.4





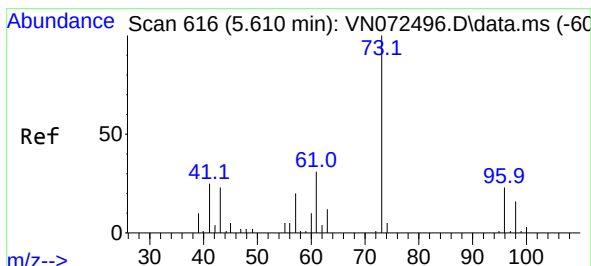
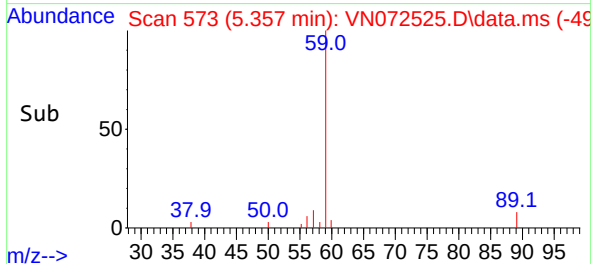
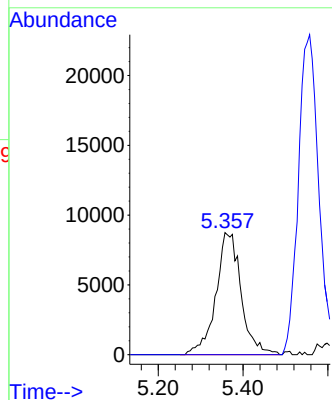
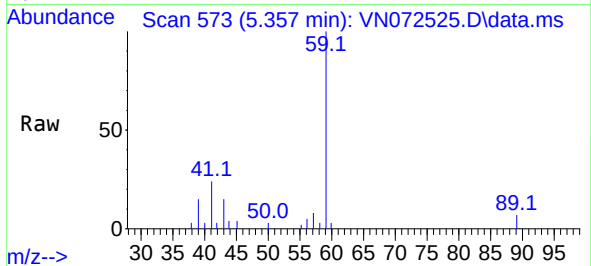
#23
tert-Butyl Alcohol
Concen: 77.377 ug/l m
RT: 5.357 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 36160
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

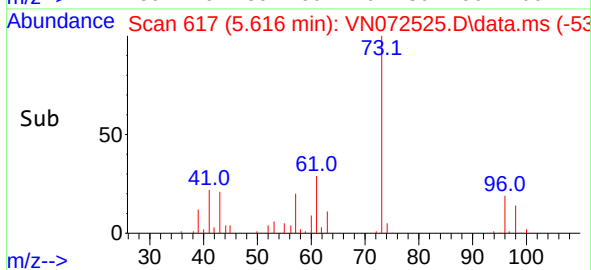
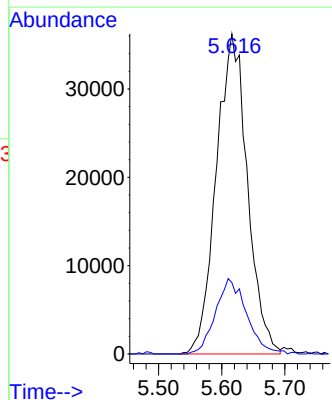
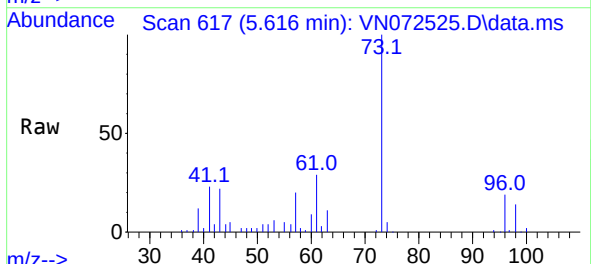
Manual Integrations
APPROVED

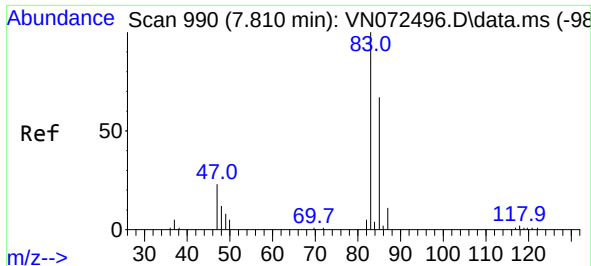
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#24
Methyl tert-Butyl Ether
Concen: 19.340 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

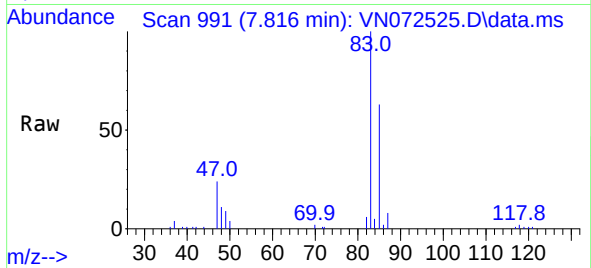
Tgt Ion: 73 Resp: 123866
Ion Ratio Lower Upper
73 100
43 23.4 18.1 27.1





#25
Chloroform
Concen: 20.163 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

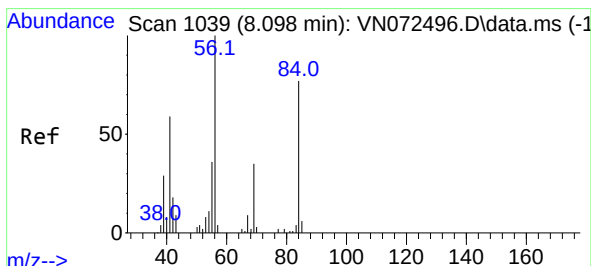
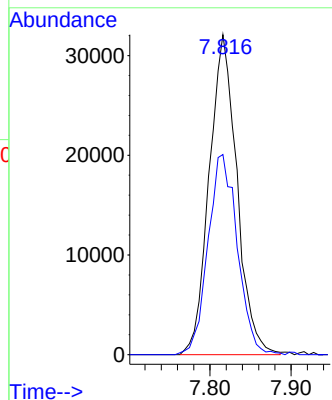
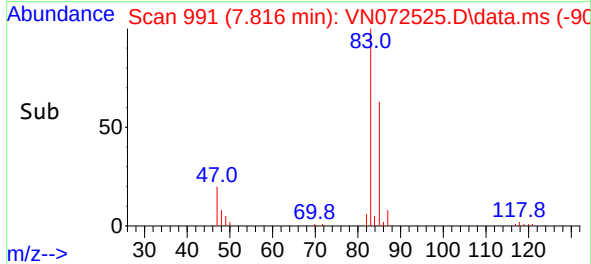
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



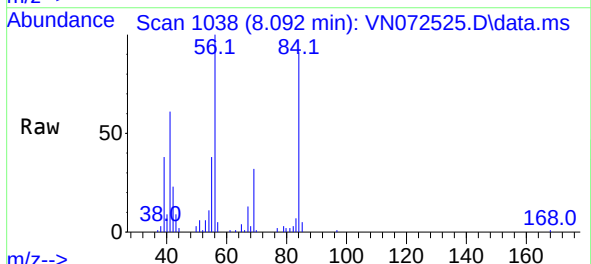
Tgt Ion: 83 Resp: 7618
Ion Ratio Lower Upper
83 100
85 62.1 51.3 76.9

Manual Integrations
APPROVED

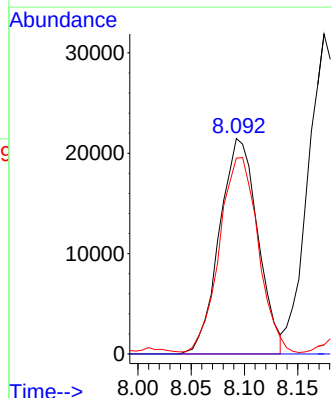
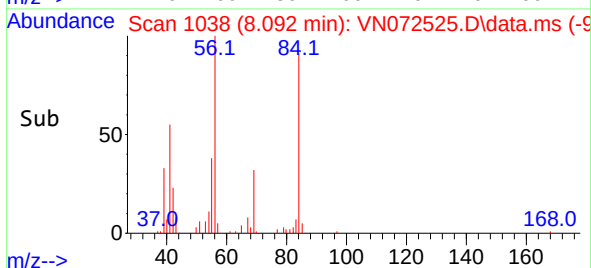
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

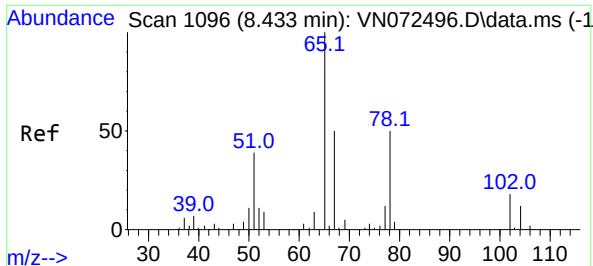


#26
Cyclohexane
Concen: 18.887 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



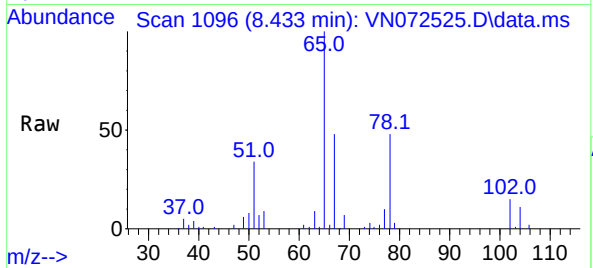
Tgt Ion: 56 Resp: 53697
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 93.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.320 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

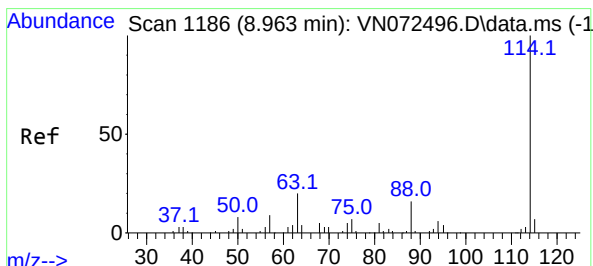
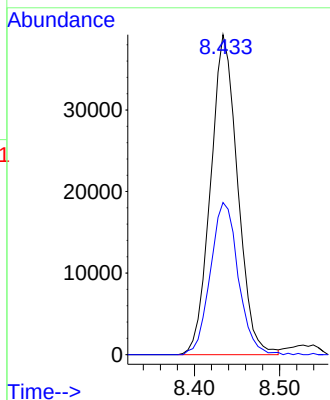
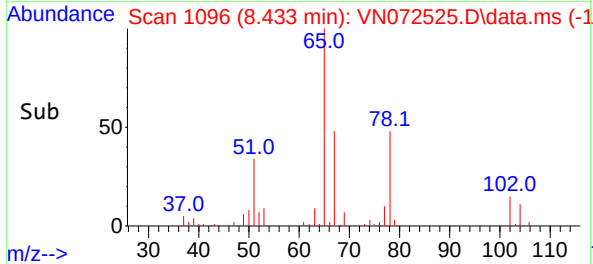
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



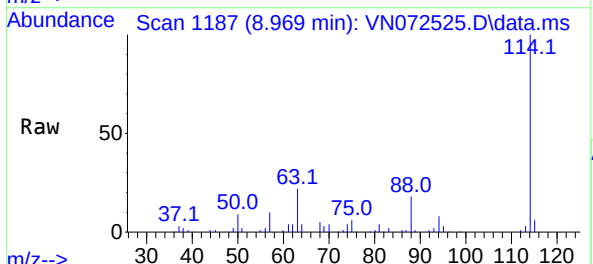
Tgt Ion: 65 Resp: 86562
Ion Ratio Lower Upper
65 100
67 48.8 40.2 60.2

Manual Integrations
APPROVED

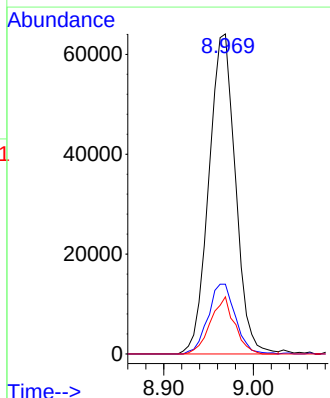
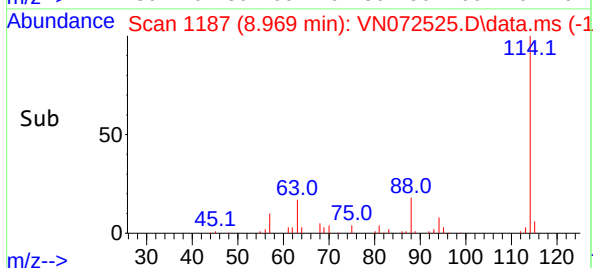
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

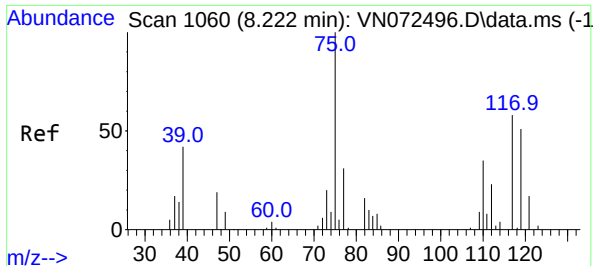


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion:114 Resp: 131751
Ion Ratio Lower Upper
114 100
63 22.4 15.8 23.6
88 16.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.474 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

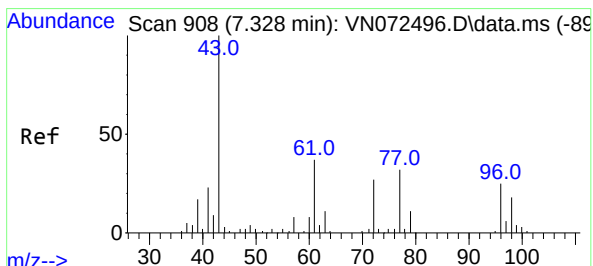
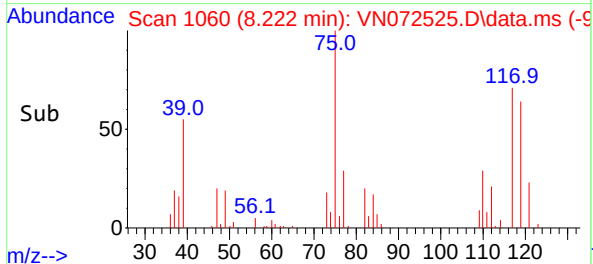
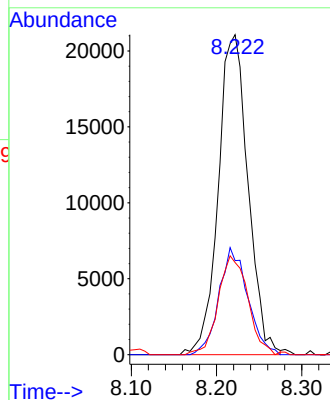
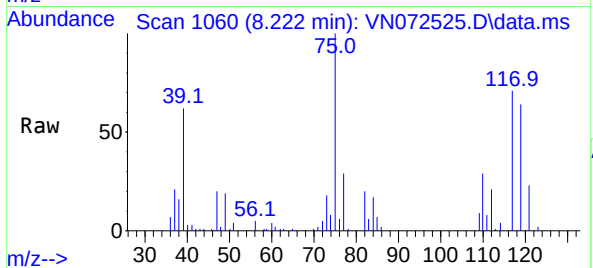
VSTDCCC020EC

Tgt Ion: 75 Resp: 5109
Ion Ratio Lower Upper
75 100
110 32.5 0.0 74.2
77 30.8 0.0 63.2

Manual Integrations

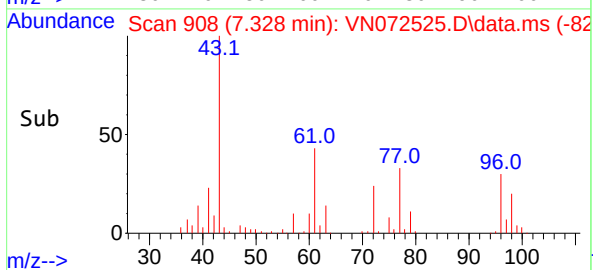
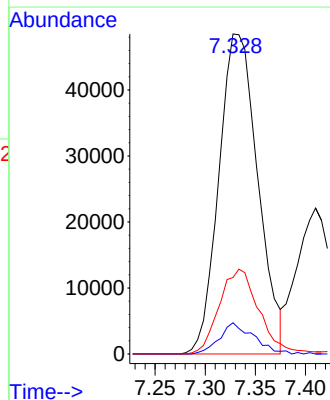
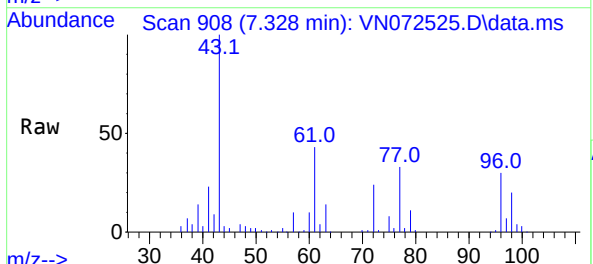
APPROVED

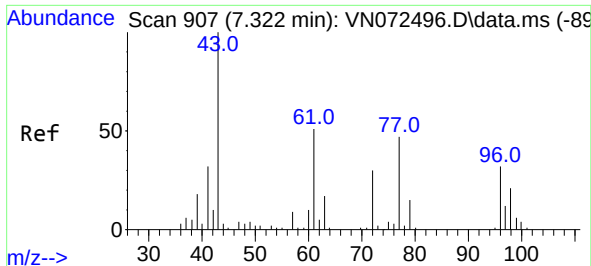
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#30
2-Butanone
Concen: 86.305 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

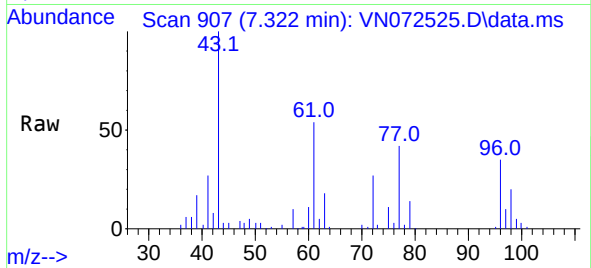
Tgt Ion: 43 Resp: 131068
Ion Ratio Lower Upper
43 100
57 8.4 6.7 10.1
72 26.9 23.2 34.8





#31
2,2-Dichloropropane
Concen: 15.498 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

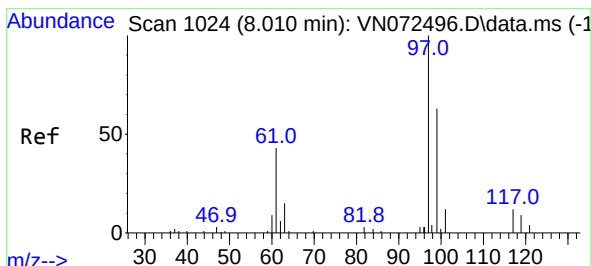
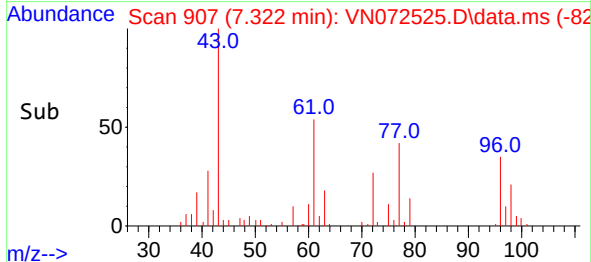
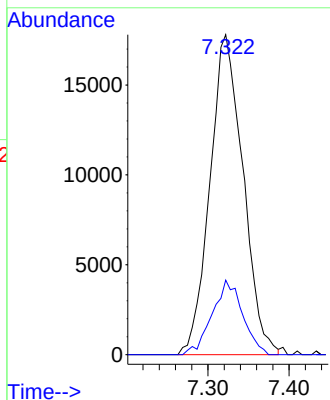
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 50450
Ion Ratio Lower Upper
77 100
97 20.7 18.3 27.5

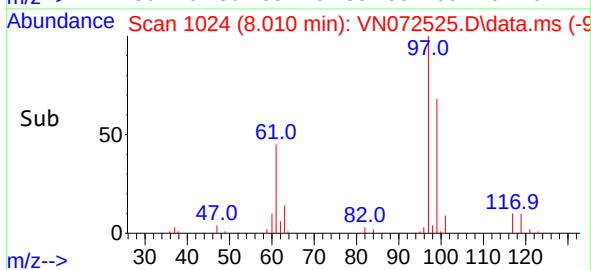
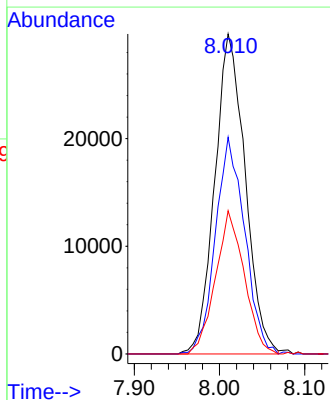
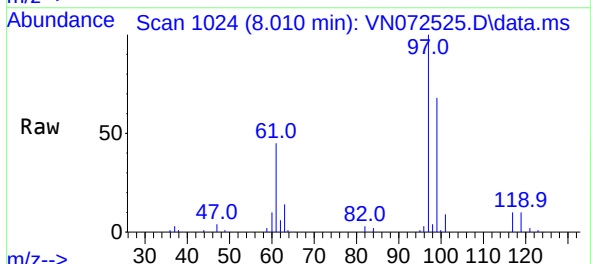
Manual Integrations
APPROVED

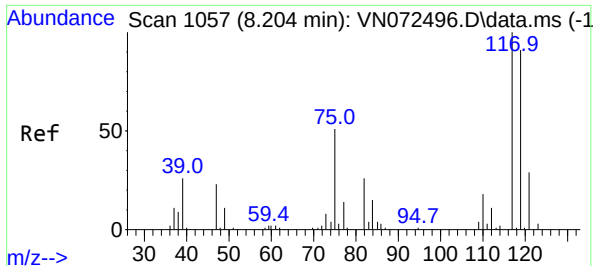
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 19.725 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

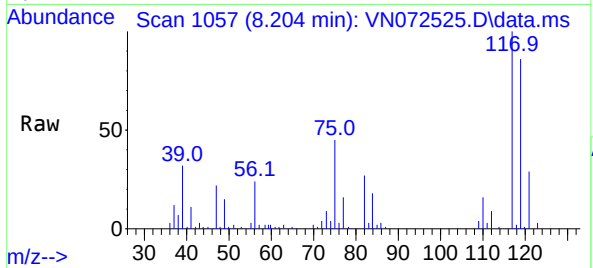
Tgt Ion: 97 Resp: 73825
Ion Ratio Lower Upper
97 100
99 65.2 50.4 75.6
61 42.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.019 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

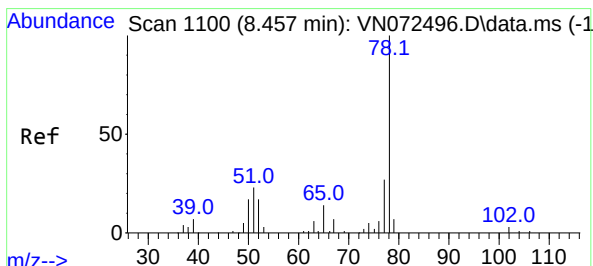
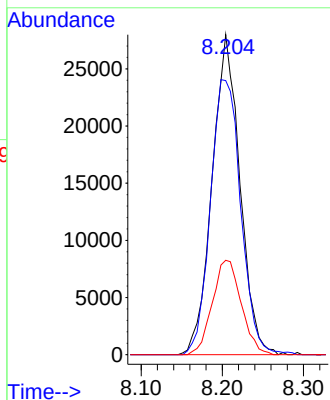
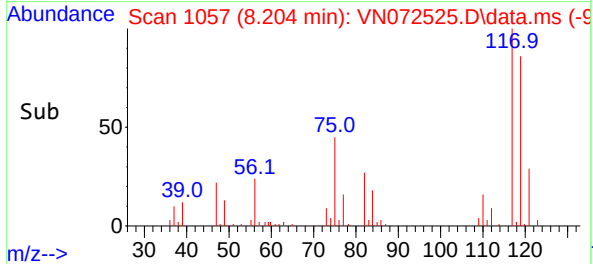
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



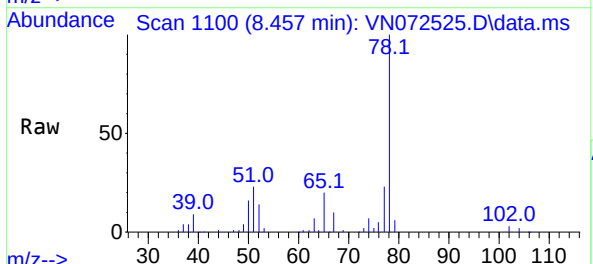
Tgt Ion:117 Resp: 66584
Ion Ratio Lower Upper
117 100
119 85.7 77.5 116.3
121 29.5 23.5 35.3

Manual Integrations
APPROVED

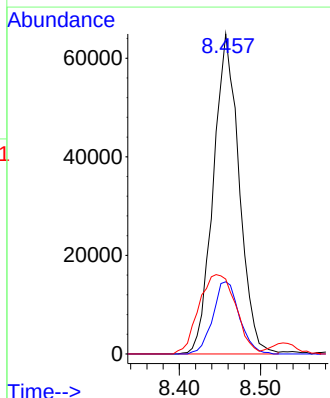
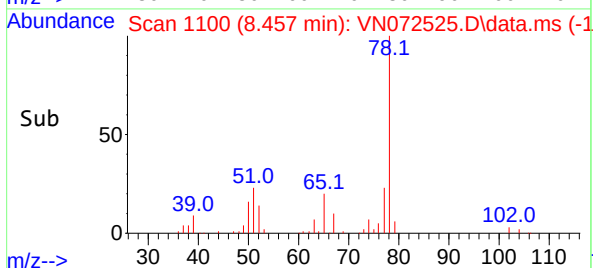
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

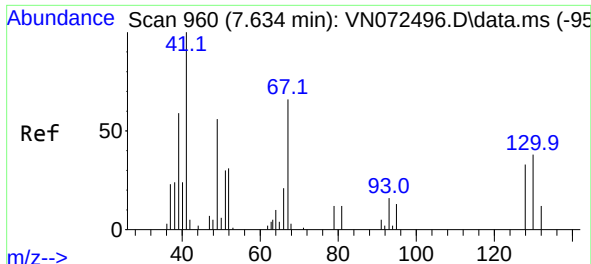


#34
Benzene
Concen: 19.209 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



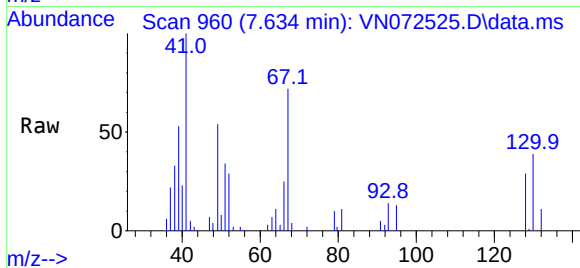
Tgt Ion: 78 Resp: 143215
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7
51 22.4 16.0 24.0





#35
Methacrylonitrile
Concen: 17.279 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

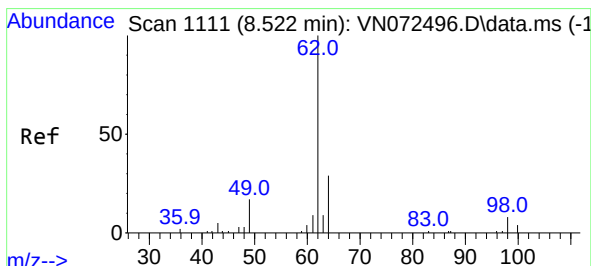
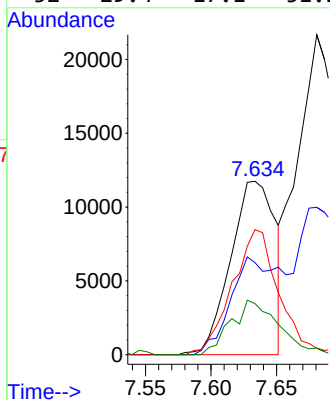
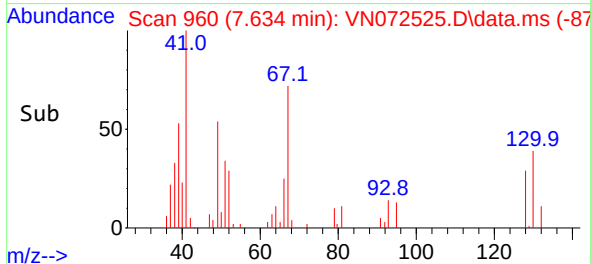
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 2774
Ion Ratio Lower Upper
41 100
39 53.1 28.0 83.9
67 72.2 37.7 113.1
52 29.4 17.1 51.2

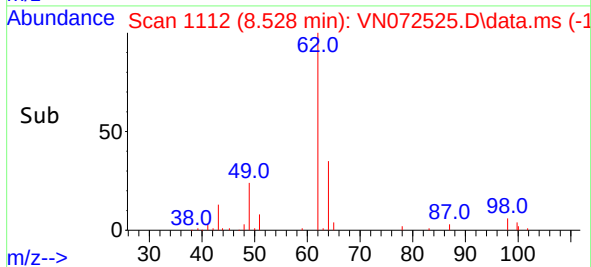
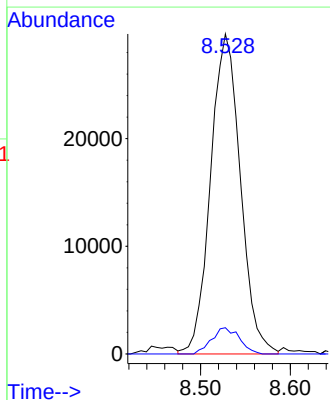
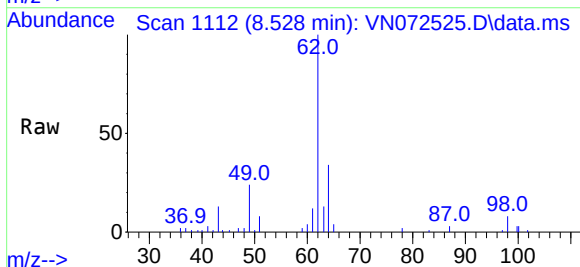
Manual Integrations
APPROVED

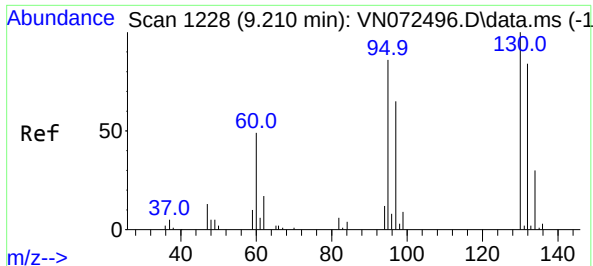
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#36
1,2-Dichloroethane
Concen: 19.757 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

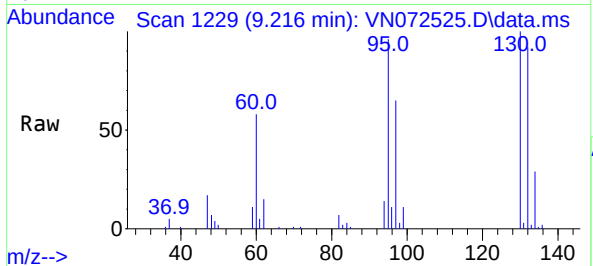
Tgt Ion: 62 Resp: 68601
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0





#37
Trichloroethene
Concen: 19.528 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

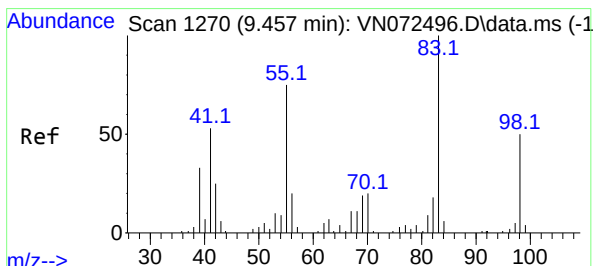
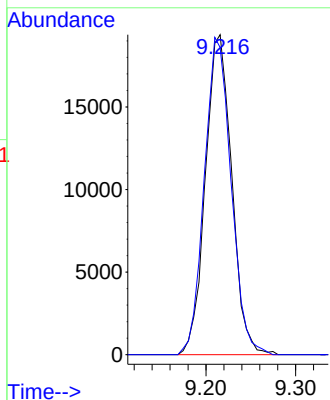
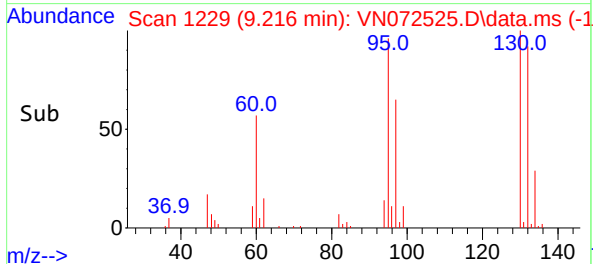
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



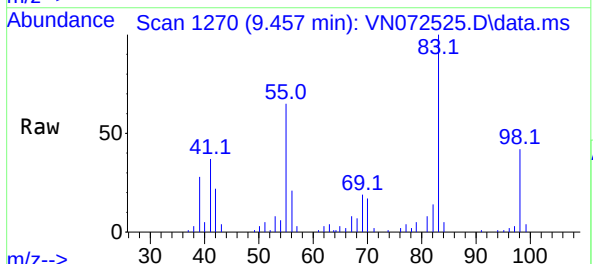
Tgt Ion:130 Resp: 39500
Ion Ratio Lower Upper
130 100
95 96.0 76.6 115.0

Manual Integrations
APPROVED

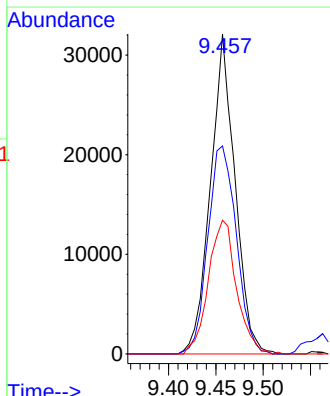
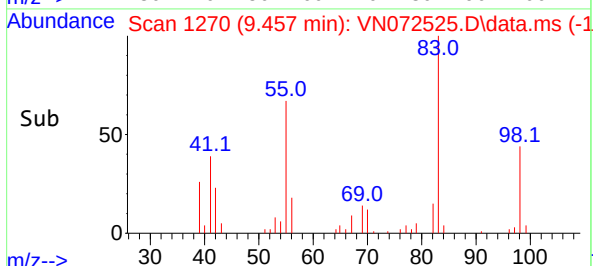
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

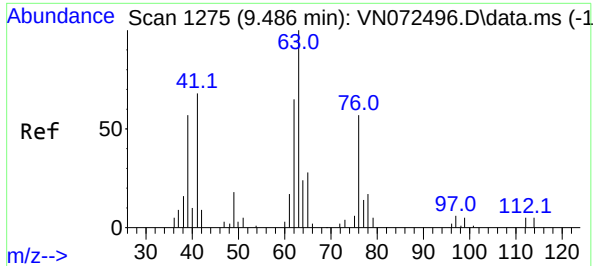


#38
Methylcyclohexane
Concen: 19.159 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 83 Resp: 58121
Ion Ratio Lower Upper
83 100
55 75.3 35.1 105.3
98 47.6 23.4 70.2





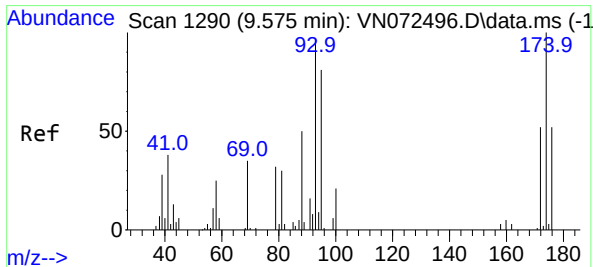
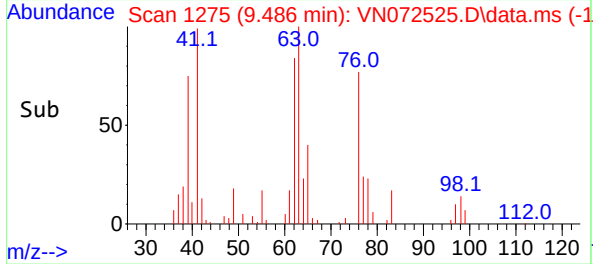
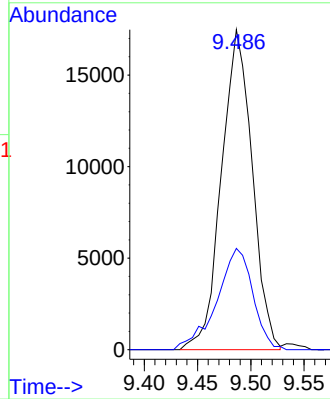
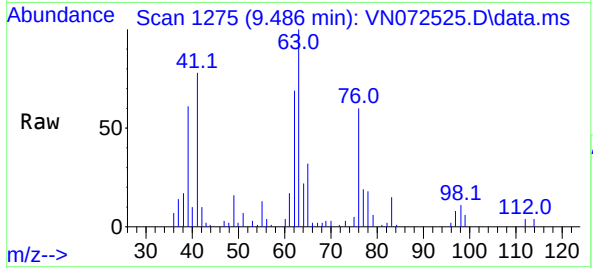
#39
1,2-Dichloropropane
Concen: 18.686 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 35094
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4

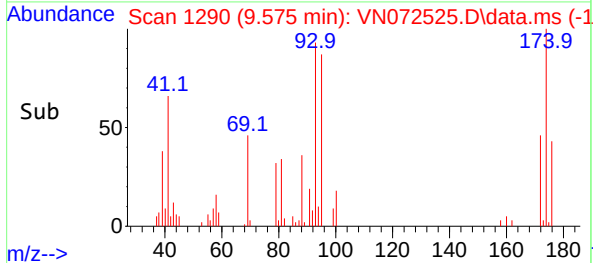
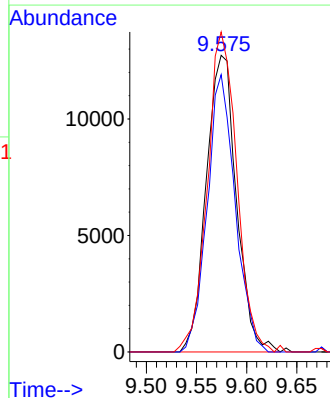
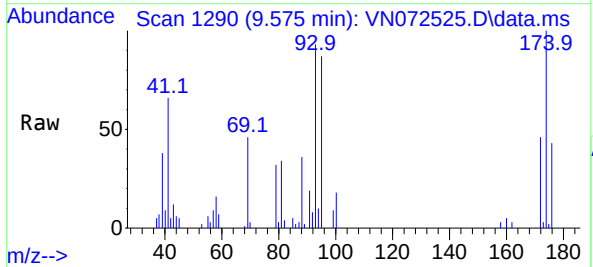
Manual Integrations
APPROVED

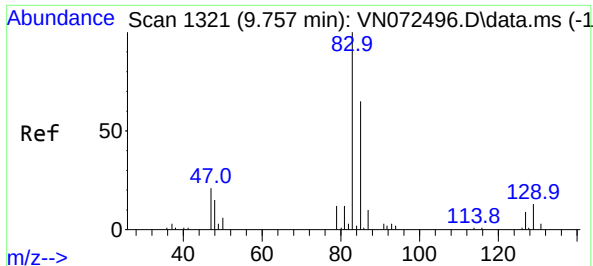
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#40
Dibromomethane
Concen: 18.405 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

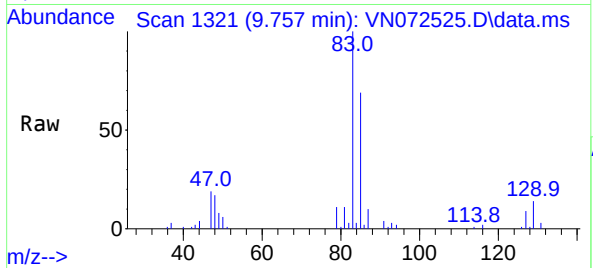
Tgt Ion: 93 Resp: 26683
Ion Ratio Lower Upper
93 100
95 86.6 0.0 168.8
174 105.2 0.0 173.6





#41
Bromodichloromethane
Concen: 19.123 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

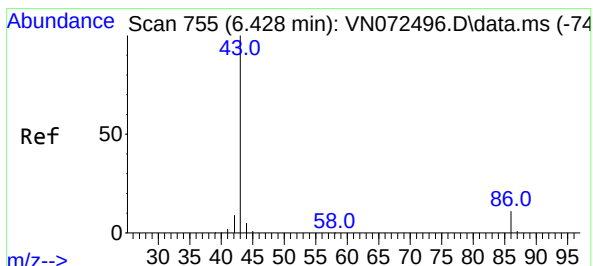
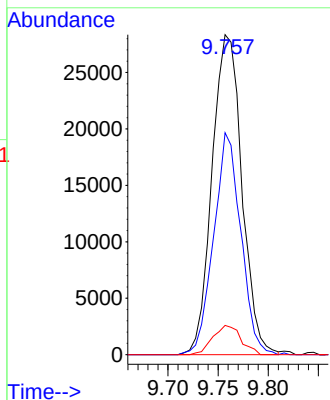
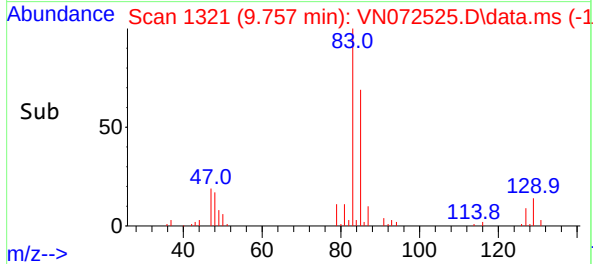
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



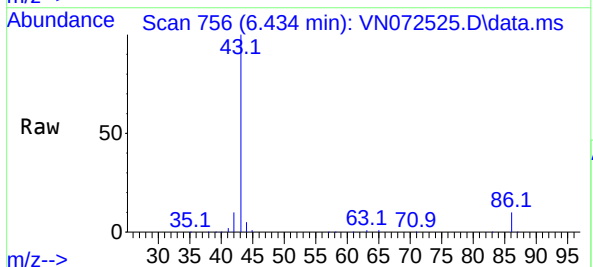
Tgt Ion: 83 Resp: 58730
Ion Ratio Lower Upper
83 100
85 69.3 54.1 81.1
127 9.2 7.6 11.4

Manual Integrations
APPROVED

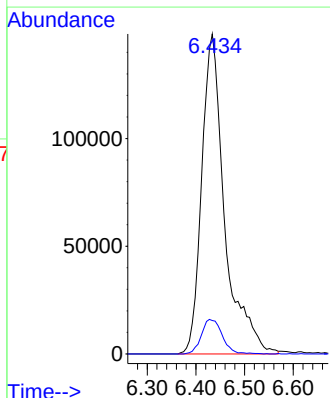
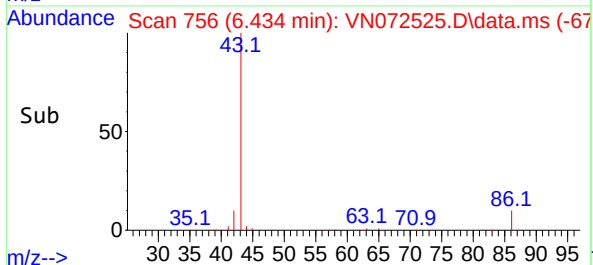
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

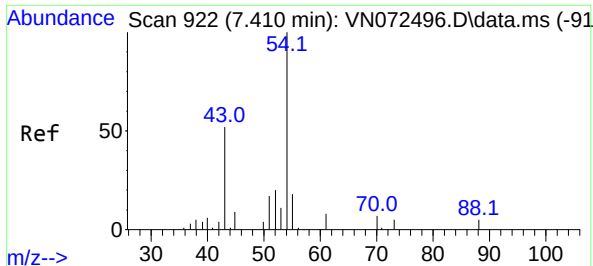


#42
Vinyl Acetate
Concen: 95.259 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



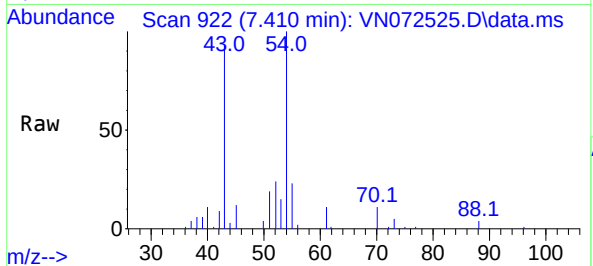
Tgt Ion: 43 Resp: 486917
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3





#43
Ethyl Acetate
Concen: 17.397 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

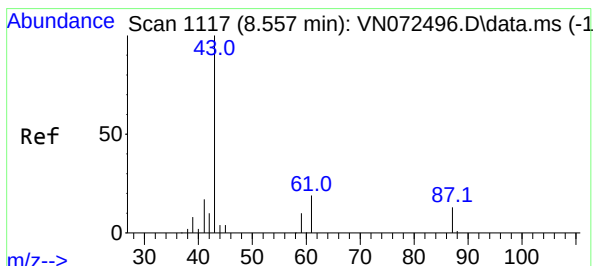
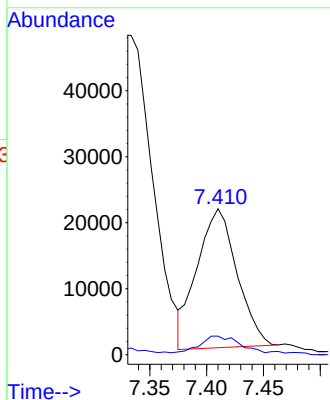
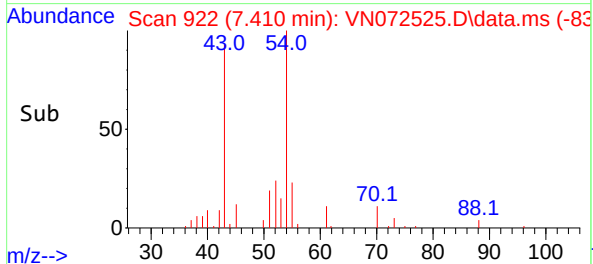
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



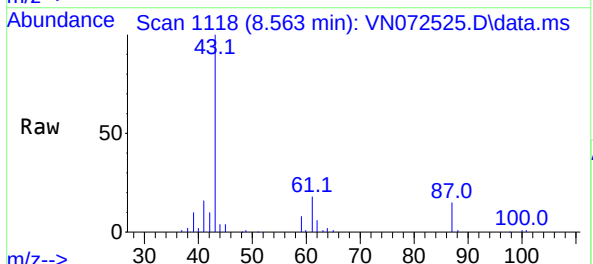
Tgt Ion: 43 Resp: 51597
Ion Ratio Lower Upper
43 100
45 14.1 10.6 16.0

Manual Integrations
APPROVED

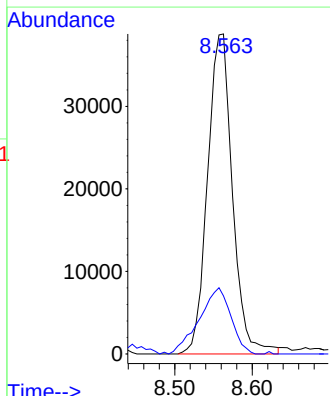
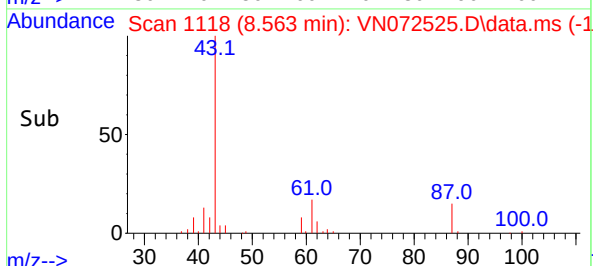
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

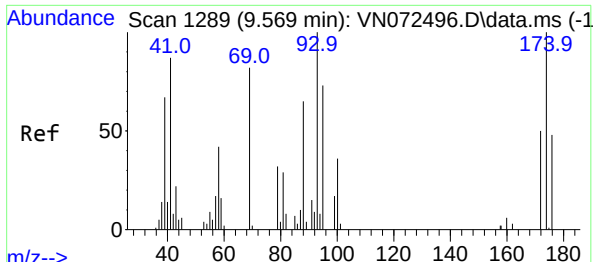


#44
Isopropyl Acetate
Concen: 18.259 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 43 Resp: 86686
Ion Ratio Lower Upper
43 100
61 26.2 20.1 30.1





#45

1,4-Dioxane

Concen: 276.464 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072525.D

Acq: 17 May 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 1250

Ion Ratio Lower Upper

88 100

43 37.5 25.0 37.6

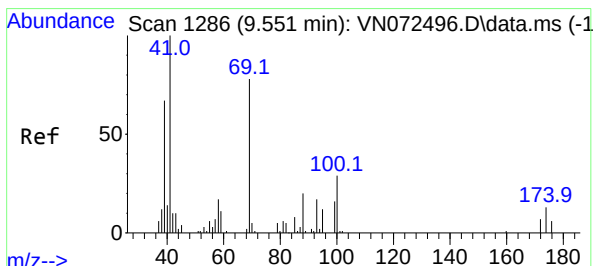
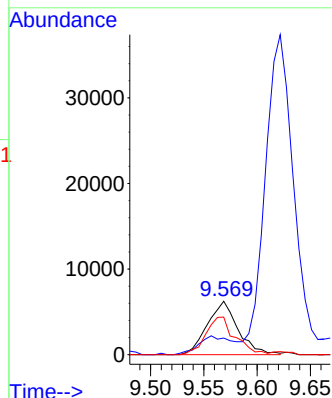
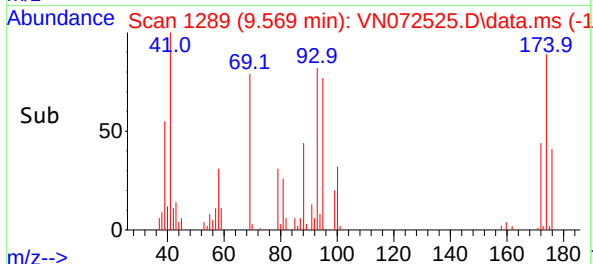
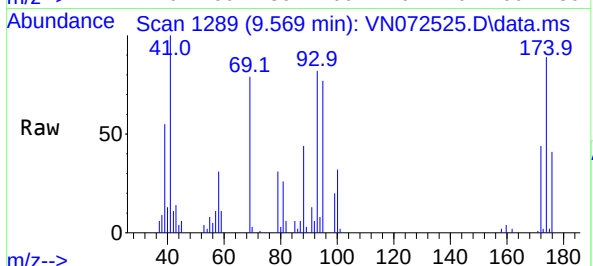
58 66.8 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#46

Methyl methacrylate

Concen: 17.549 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN072525.D

Acq: 17 May 2022 00:59

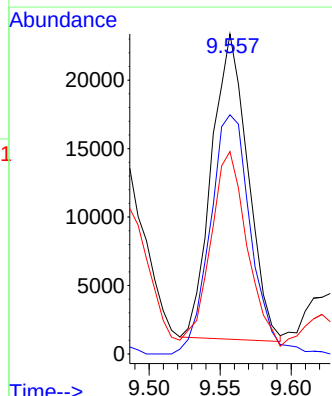
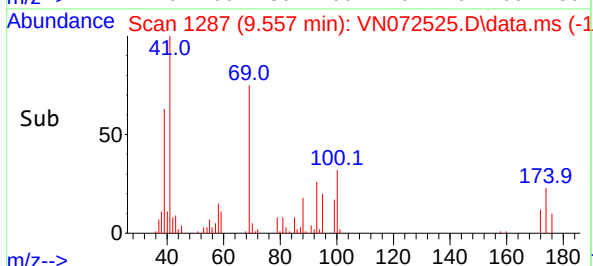
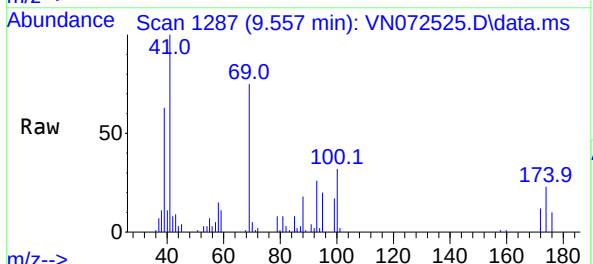
Tgt Ion: 41 Resp: 39422

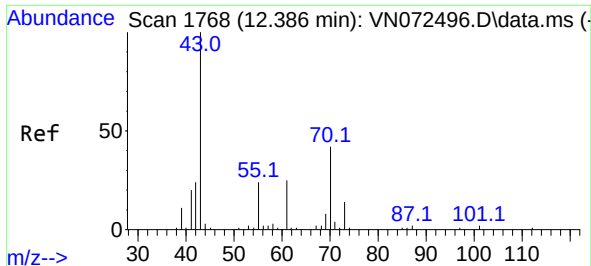
Ion Ratio Lower Upper

41 100

69 77.3 44.4 133.2

39 64.2 39.9 119.6





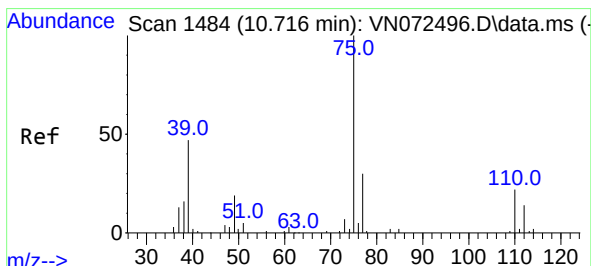
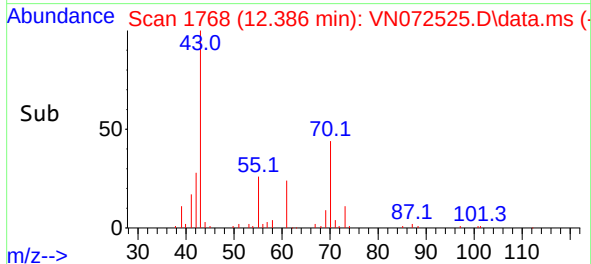
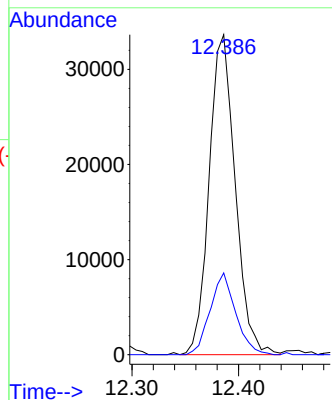
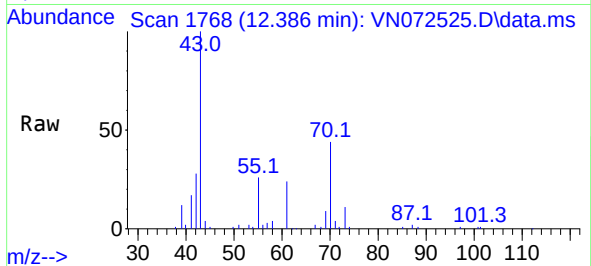
#47
n-amyl acetate
Concen: 17.988 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 5716
Ion Ratio Lower Upper
43 100
55 25.0 19.0 28.6

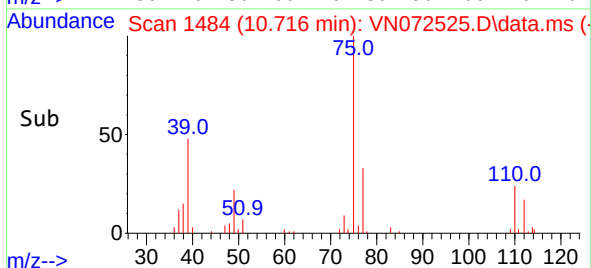
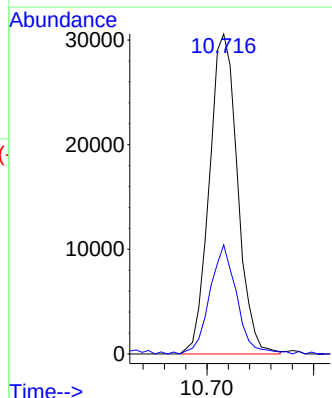
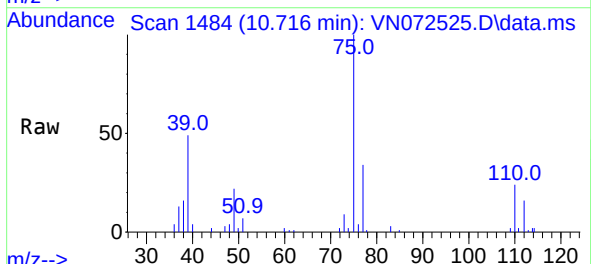
Manual Integrations
APPROVED

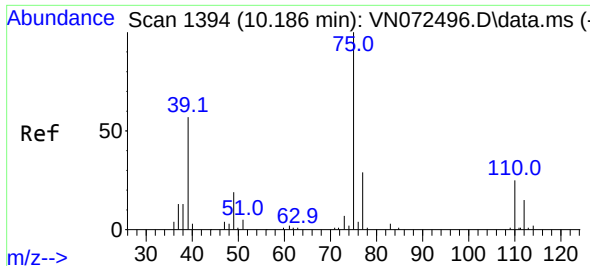
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#48
t-1,3-Dichloropropene
Concen: 17.317 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

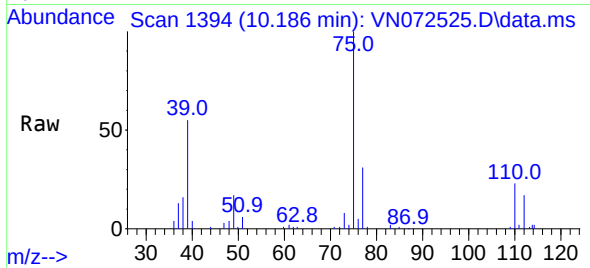
Tgt Ion: 75 Resp: 56151
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 17.392 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN072525.D
 Acq: 17 May 2022 00:59

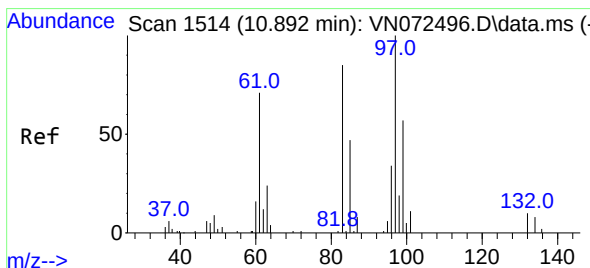
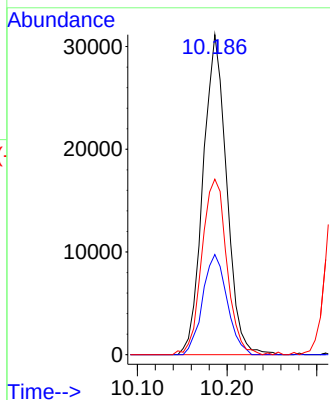
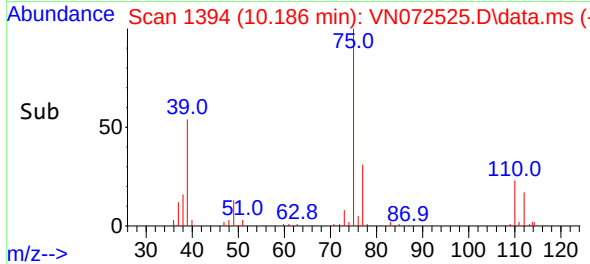
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



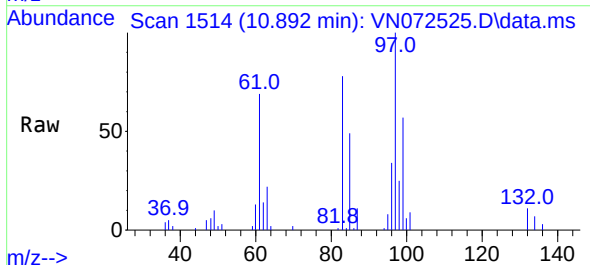
Tgt Ion: 75 Resp: 5684
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 54.1 46.2 69.4

Manual Integrations
 APPROVED

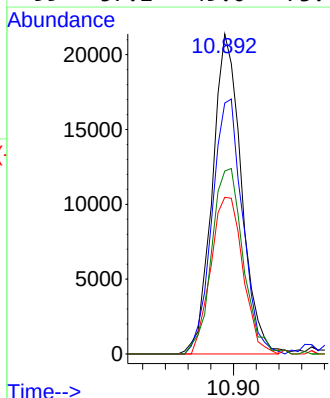
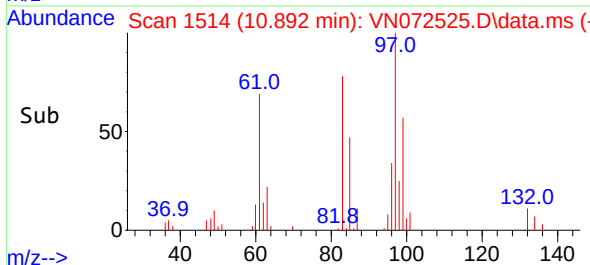
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

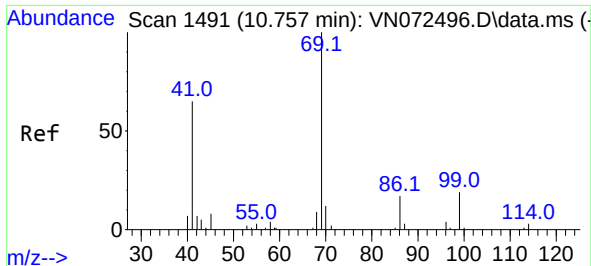


#50
 1,1,2-Trichloroethane
 Concen: 18.989 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072525.D
 Acq: 17 May 2022 00:59



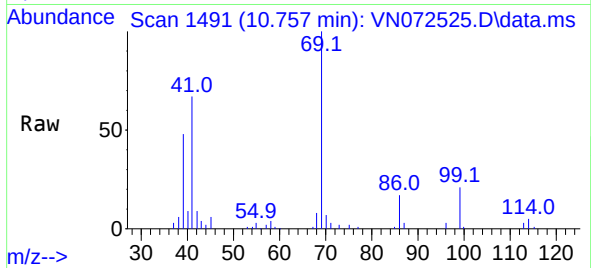
Tgt Ion: 97 Resp: 37973
 Ion Ratio Lower Upper
 97 100
 83 78.4 67.2 100.8
 85 48.9 43.0 64.4
 99 57.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.036 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

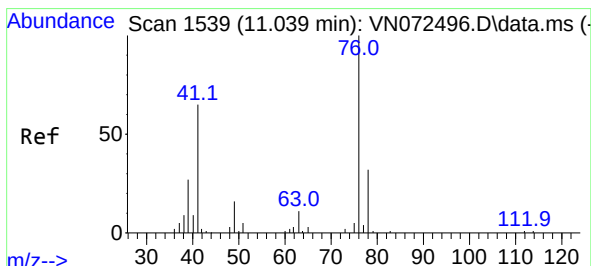
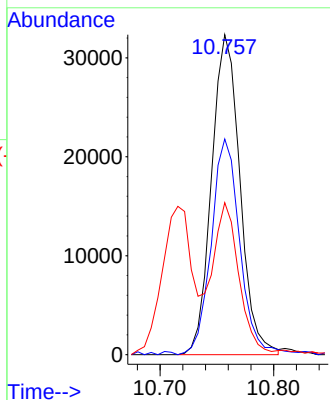
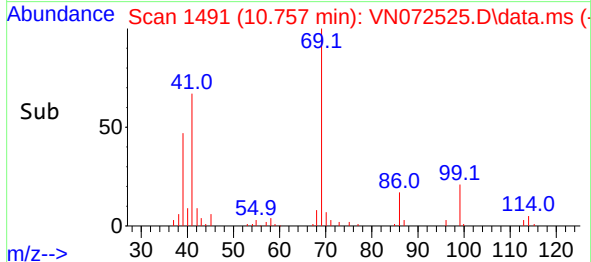
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



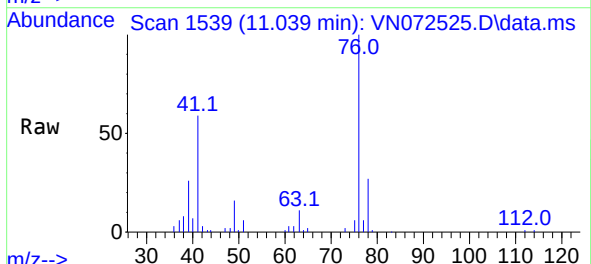
Tgt Ion: 69 Resp: 56240
Ion Ratio Lower Upper
69 100
41 67.4 33.0 98.9
39 46.2 25.4 76.4

Manual Integrations
APPROVED

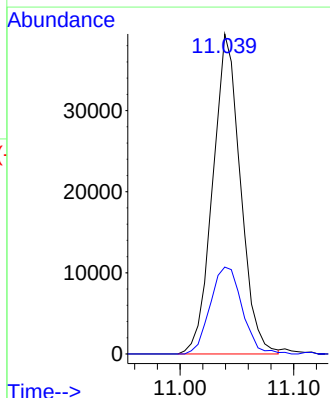
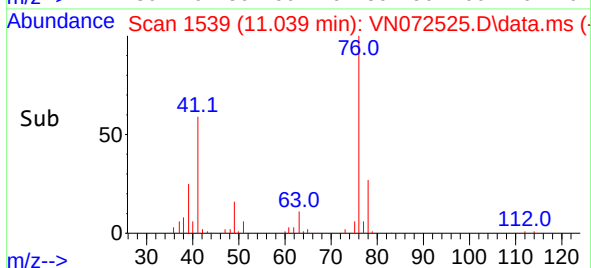
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

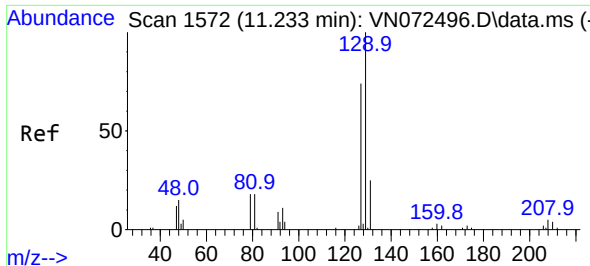


#52
1,3-Dichloropropane
Concen: 19.324 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 76 Resp: 66766
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.4





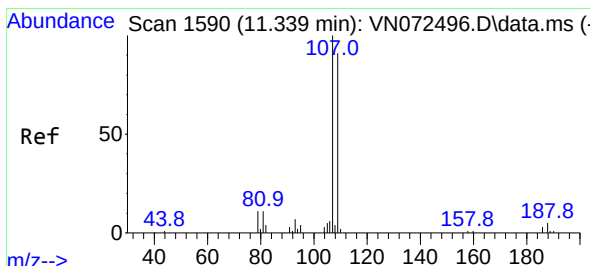
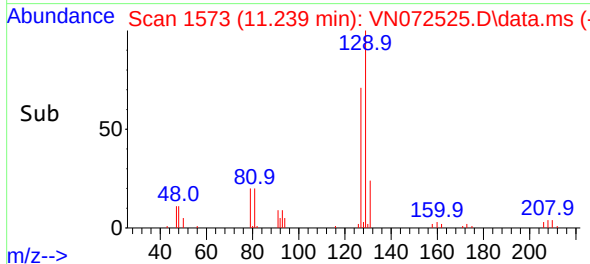
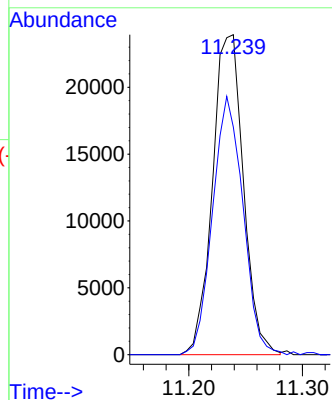
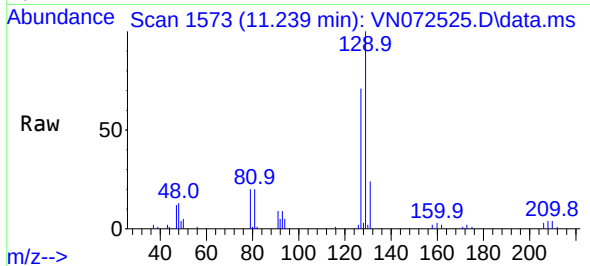
#53
Dibromochloromethane
Concen: 18.766 ug/l
RT: 11.239 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 45310
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

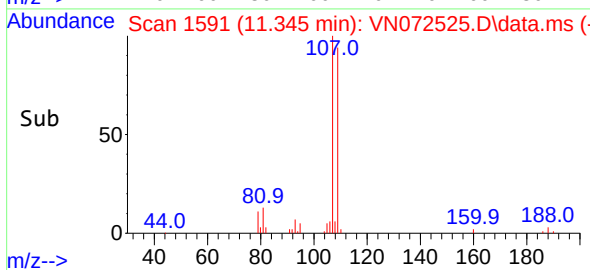
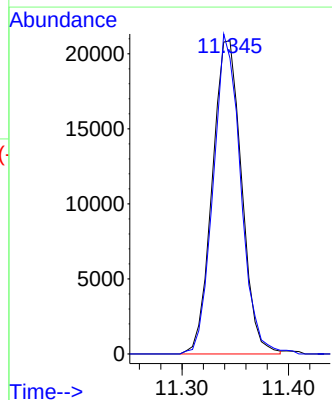
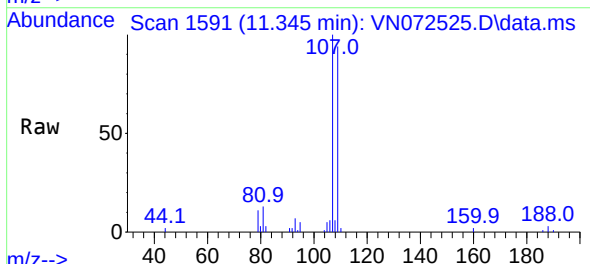
Manual Integrations
APPROVED

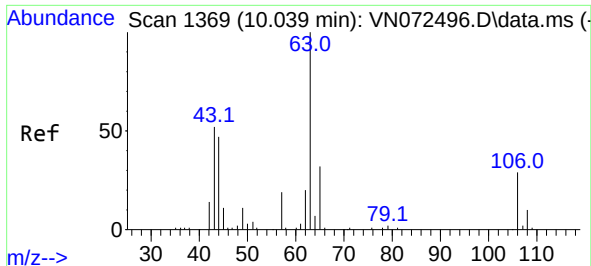
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#54
1,2-Dibromoethane
Concen: 18.745 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

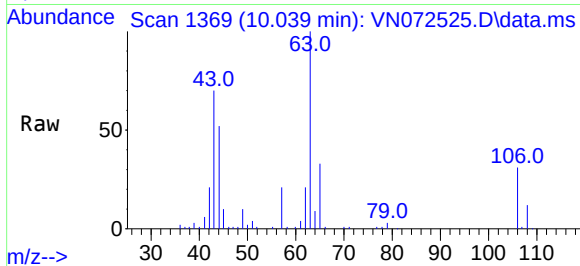
Tgt Ion:107 Resp: 39873
Ion Ratio Lower Upper
107 100
109 95.4 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 81.742 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

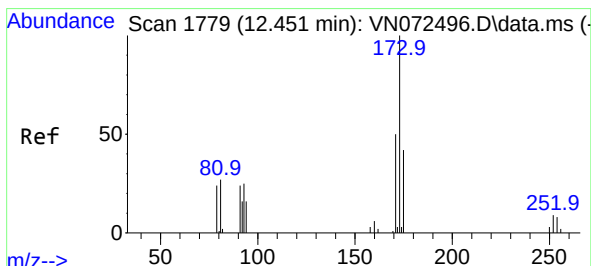
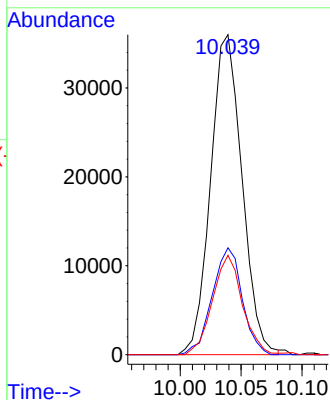
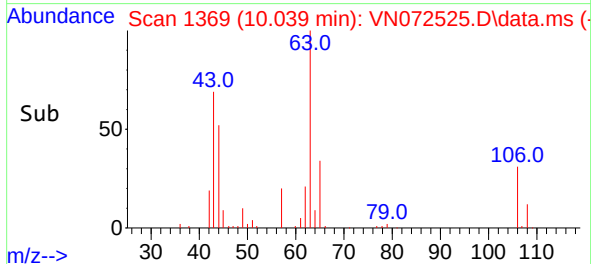
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 64674
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 29.5 23.2 34.8

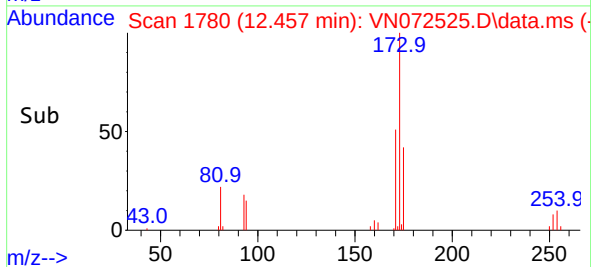
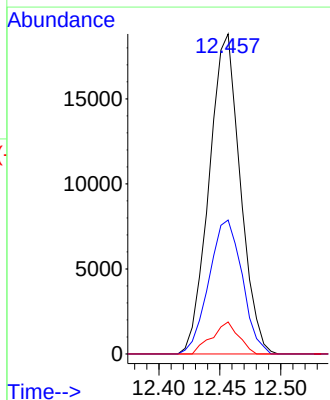
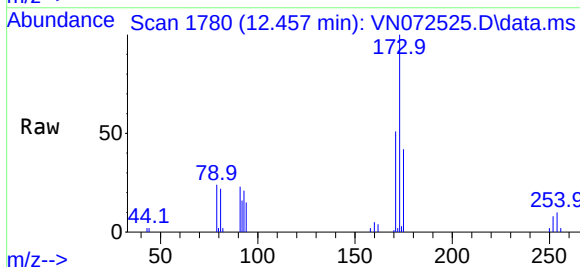
Manual Integrations
APPROVED

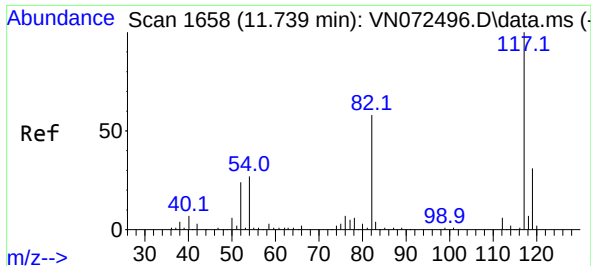
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#56
Bromoform
Concen: 18.401 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Tgt Ion:173 Resp: 33507
Ion Ratio Lower Upper
173 100
175 44.7 38.6 58.0
254 8.6 0.0 0.0#





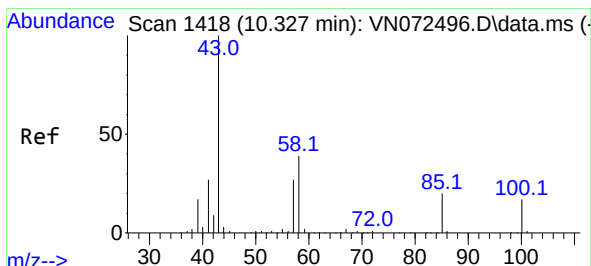
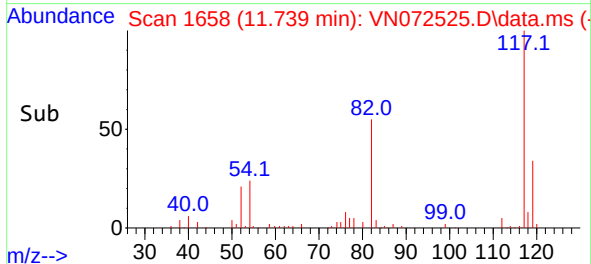
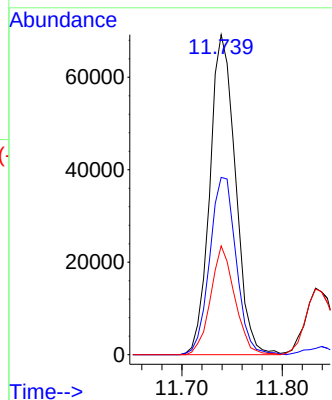
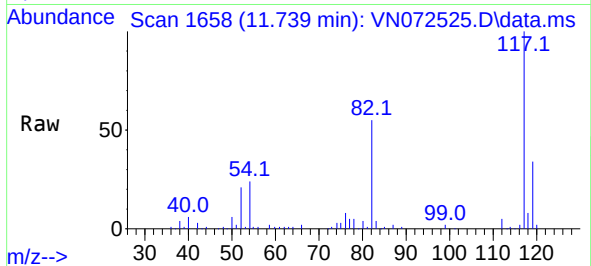
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 123169
Ion Ratio Lower Upper
117 100
82 57.2 43.6 65.4
119 32.0 25.8 38.6

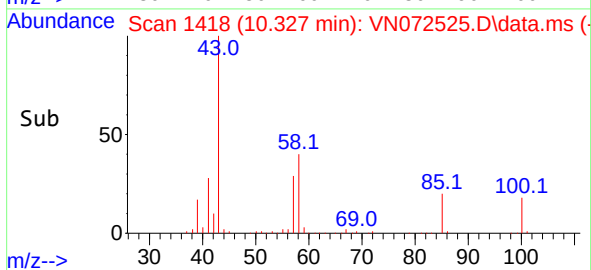
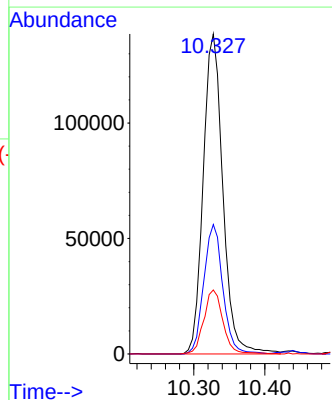
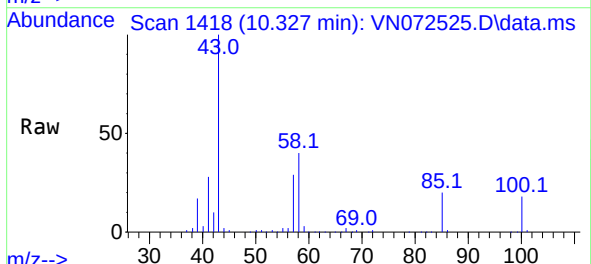
Manual Integrations
APPROVED

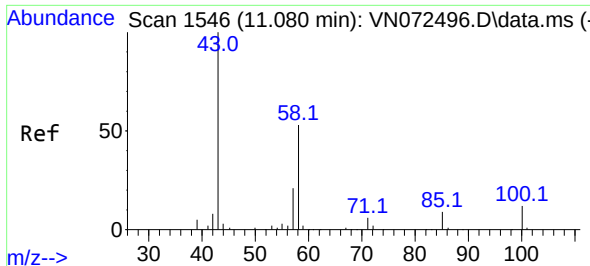
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#58
4-Methyl-2-Pentanone
Concen: 92.152 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

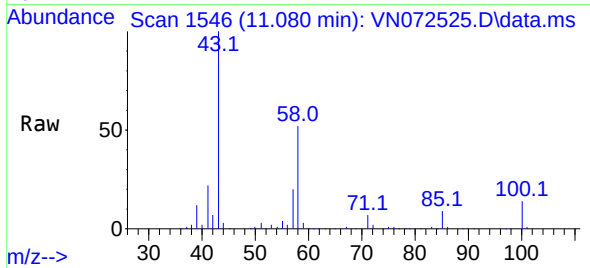
Tgt Ion: 43 Resp: 267453
Ion Ratio Lower Upper
43 100
58 39.2 30.0 45.0
85 19.4 15.0 22.6





#59
2-Hexanone
Concen: 89.092 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

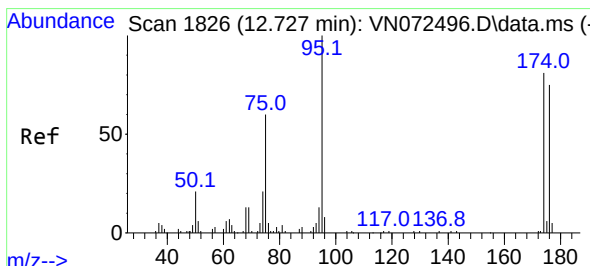
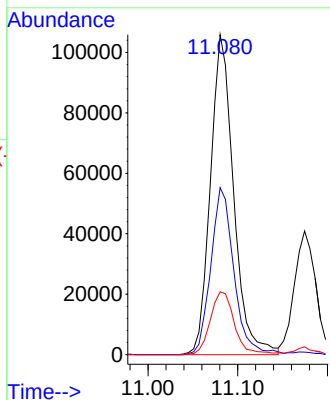
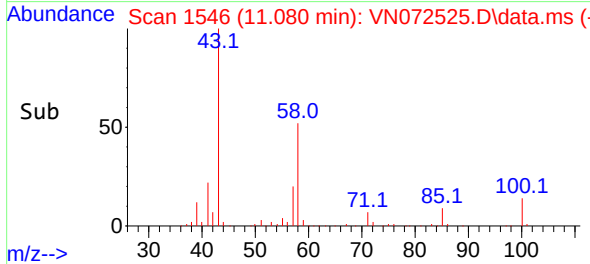
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



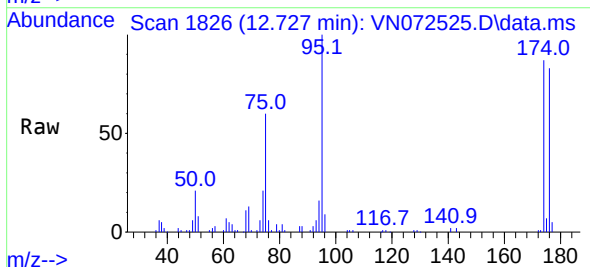
Tgt Ion: 43 Resp: 18995
Ion Ratio Lower Upper
43 100
58 51.5 42.2 63.2
57 20.7 15.0 22.4

Manual Integrations
APPROVED

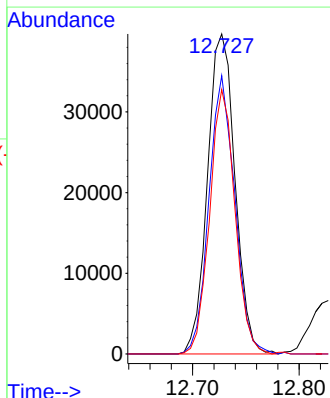
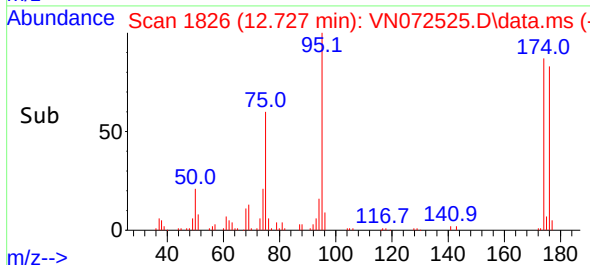
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

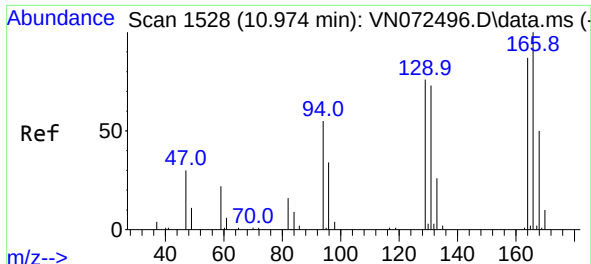


#60
4-Bromofluorobenzene
Concen: 29.591 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



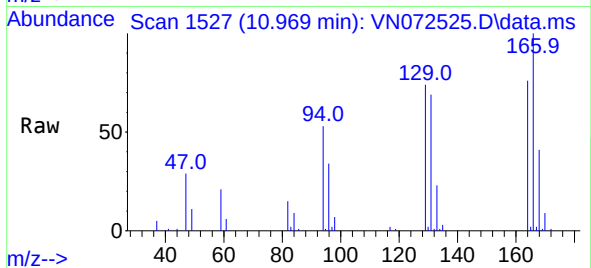
Tgt Ion: 95 Resp: 71165
Ion Ratio Lower Upper
95 100
174 81.6 62.9 94.3
176 76.0 61.0 91.4





#61
Tetrachloroethene
Concen: 19.864 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

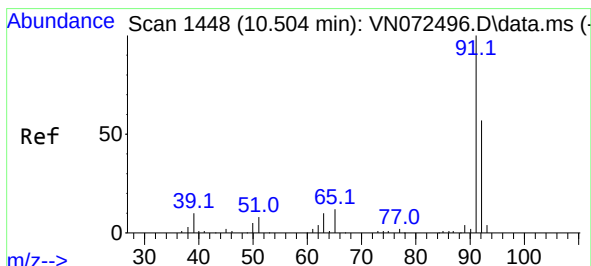
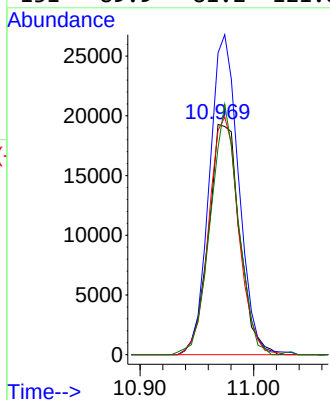
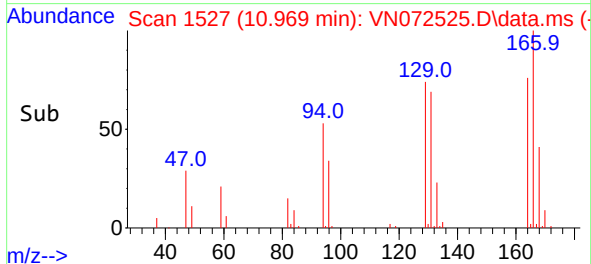
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



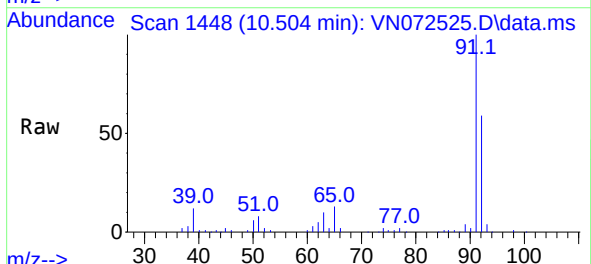
Tgt Ion:164 Resp: 36640
Ion Ratio Lower Upper
164 100
166 131.0 105.8 158.8
129 97.4 82.5 123.7
131 89.9 81.2 121.8

Manual Integrations
APPROVED

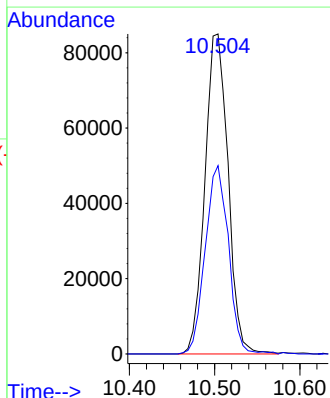
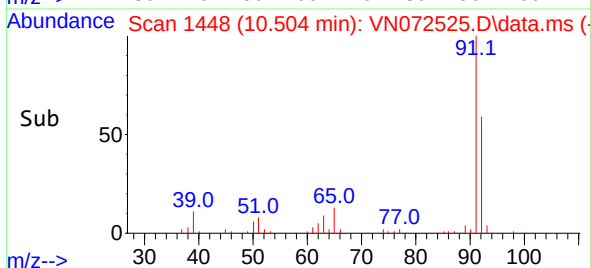
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

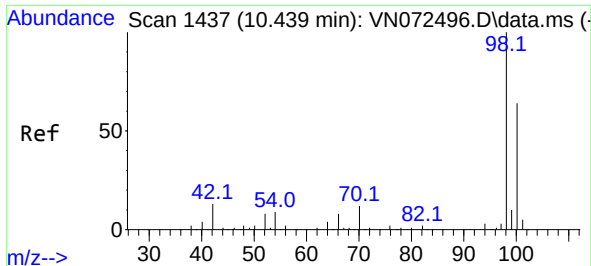


#62
Toluene
Concen: 19.257 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



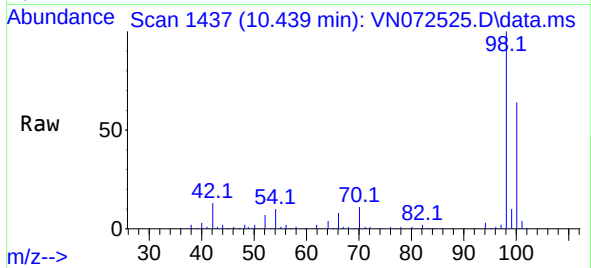
Tgt Ion: 91 Resp: 160236
Ion Ratio Lower Upper
91 100
92 59.2 44.6 67.0





#63
Toluene-d8
Concen: 30.878 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

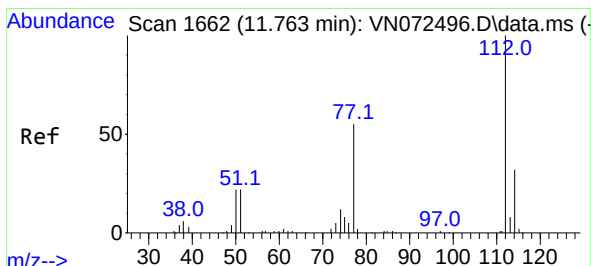
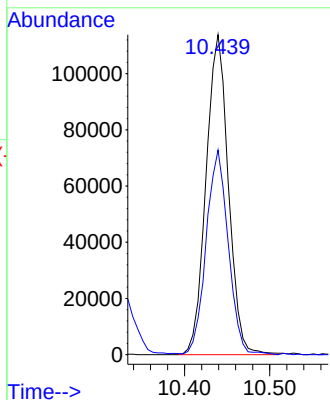
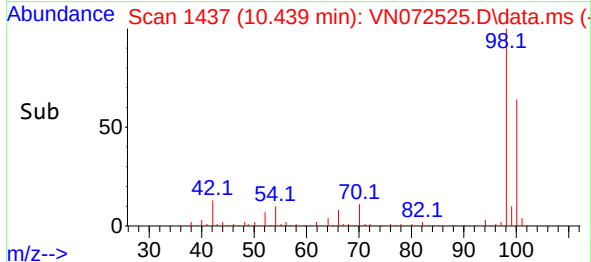
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



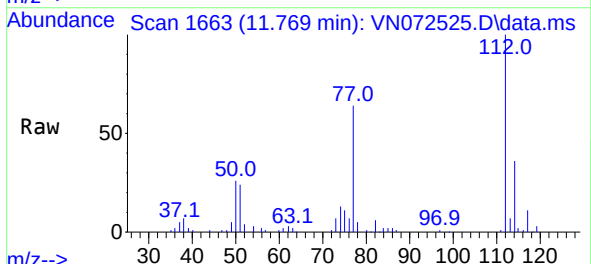
Tgt Ion: 98 Resp: 20760
Ion Ratio Lower Upper
98 100
100 62.8 50.6 76.0

Manual Integrations
APPROVED

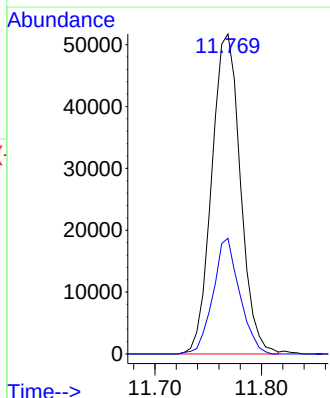
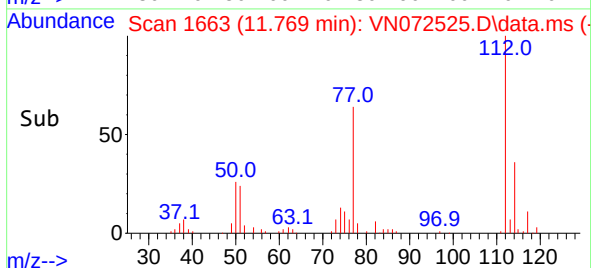
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

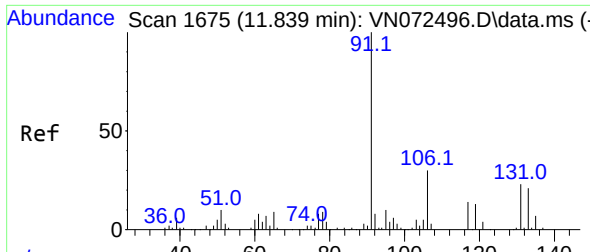


#64
Chlorobenzene
Concen: 18.635 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



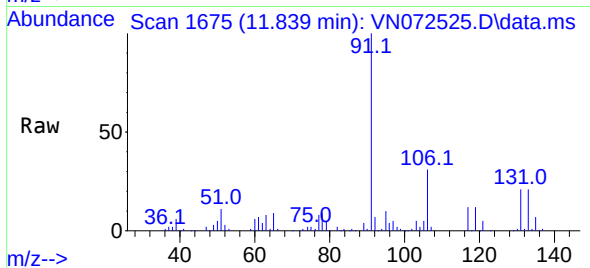
Tgt Ion:112 Resp: 96727
Ion Ratio Lower Upper
112 100
114 36.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.686 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

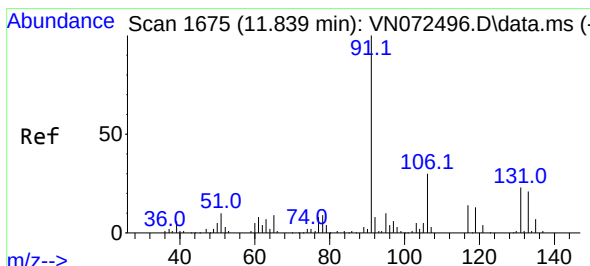
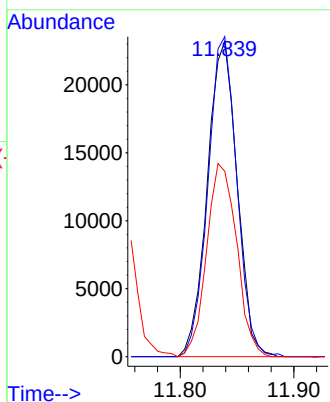
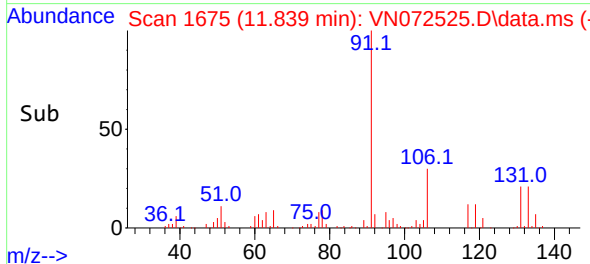
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



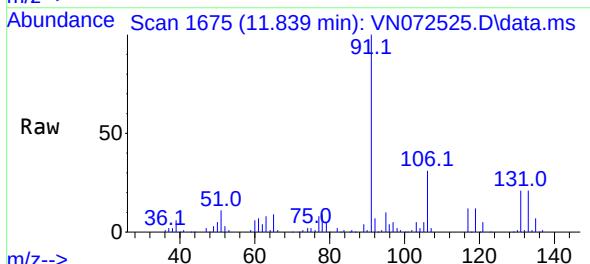
Tgt Ion:131 Resp: 42249
Ion Ratio Lower Upper
131 100
133 98.3 0.0 191.2
119 61.8 0.0 128.8

Manual Integrations
APPROVED

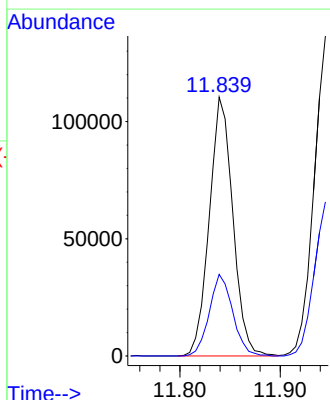
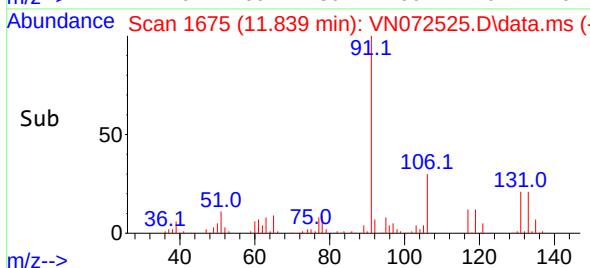
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

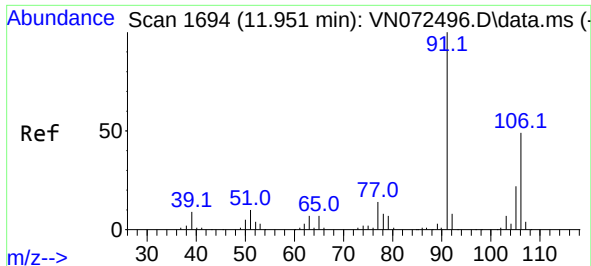


#66
Ethyl Benzene
Concen: 19.229 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 91 Resp: 179970
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0





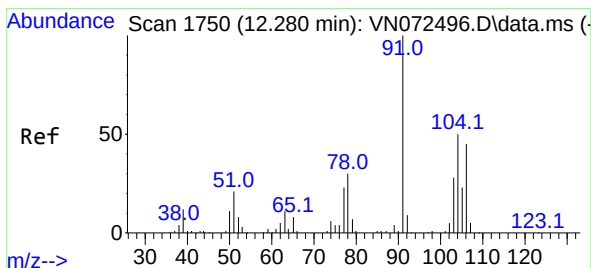
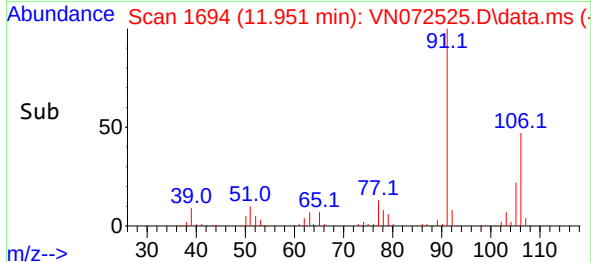
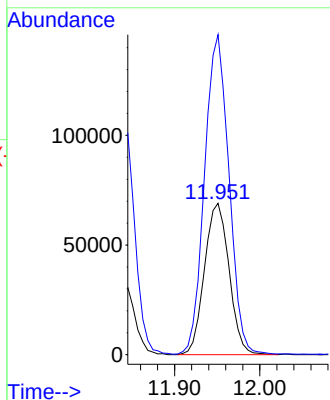
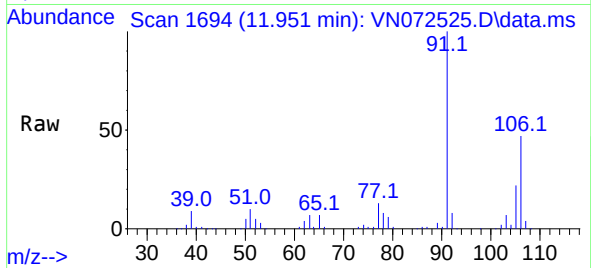
#67
m/p-Xylenes
Concen: 39.071 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 138640
Ion Ratio Lower Upper
106 100
91 209.1 162.9 244.3

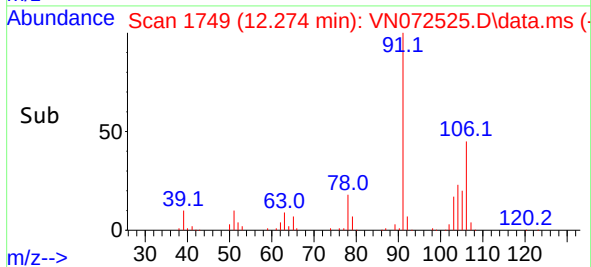
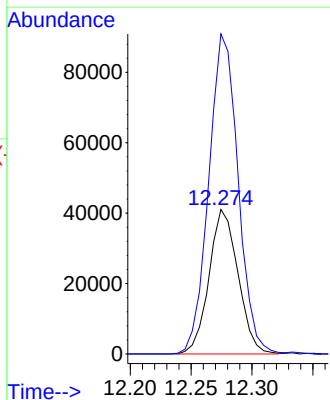
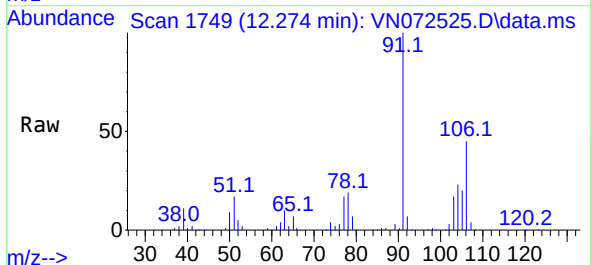
Manual Integrations
APPROVED

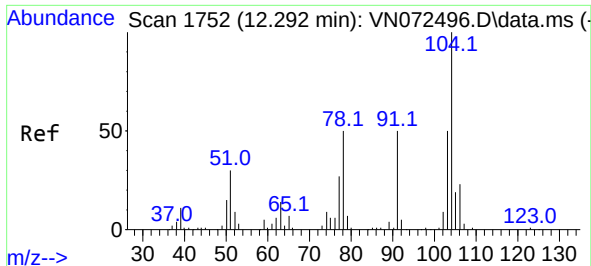
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
o-Xylene
Concen: 19.400 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Tgt Ion:106 Resp: 68049
Ion Ratio Lower Upper
106 100
91 224.4 107.7 323.1





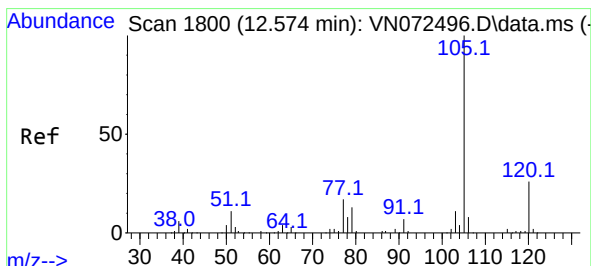
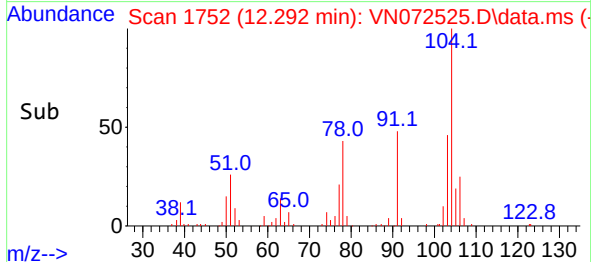
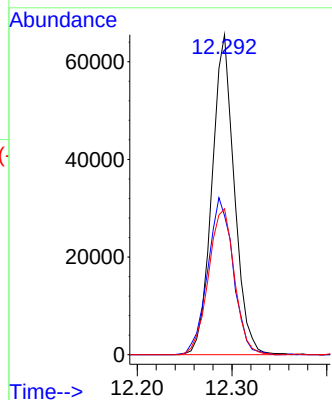
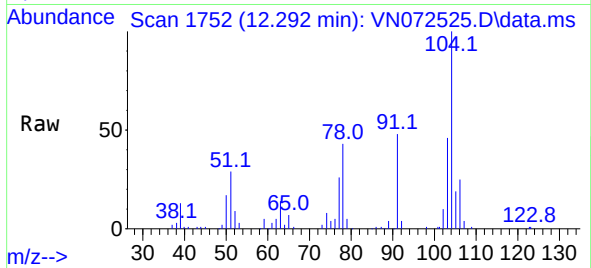
#69
Styrene
Concen: 19.237 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 107460
Ion Ratio Lower Upper
104 100
78 55.9 40.7 61.1
103 52.9 45.8 68.8

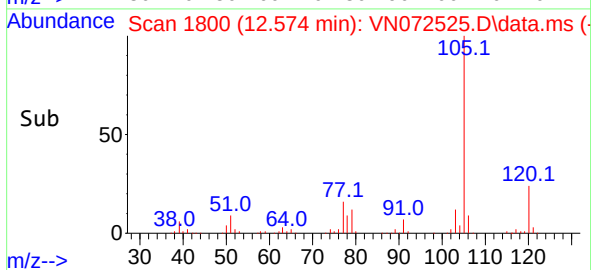
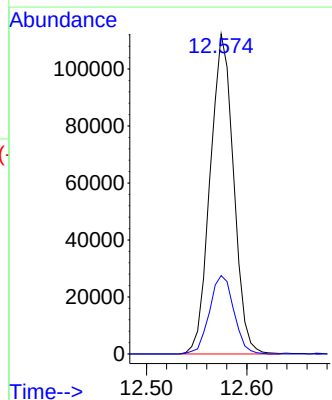
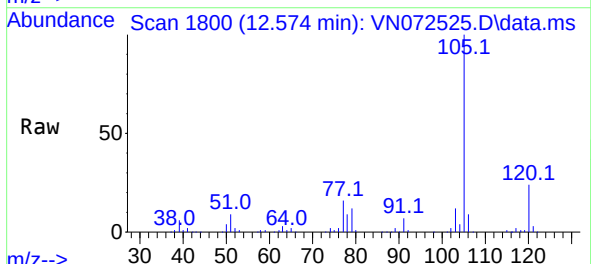
Manual Integrations
APPROVED

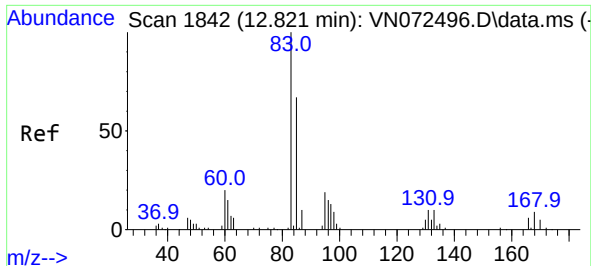
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#70
Isopropylbenzene
Concen: 19.579 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Tgt Ion:105 Resp: 182232
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1





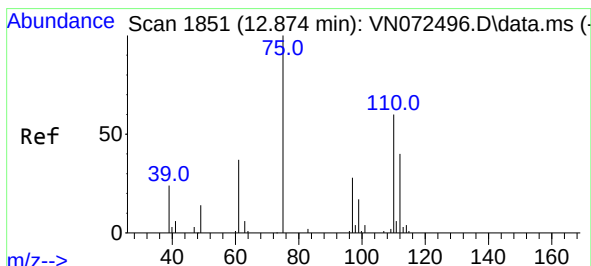
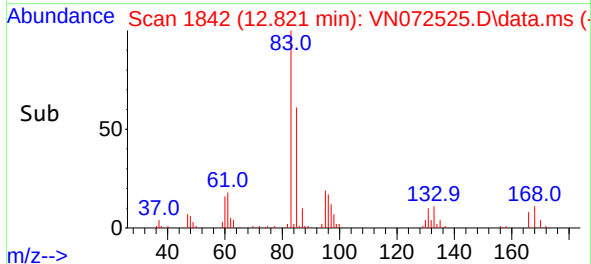
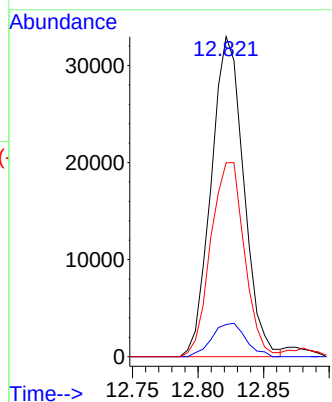
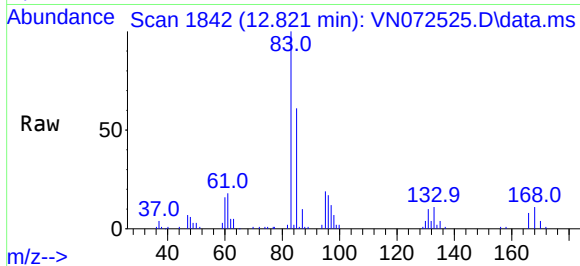
#71
1,1,2,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 56950
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 62.5 33.1 99.2

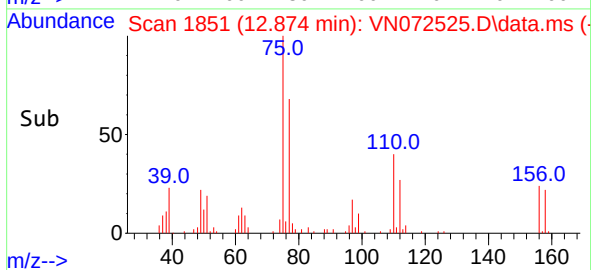
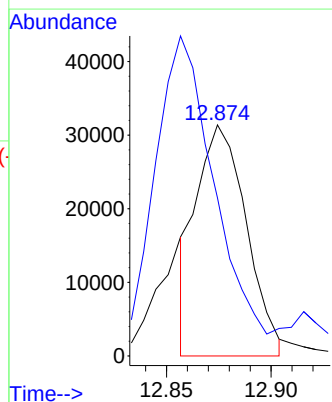
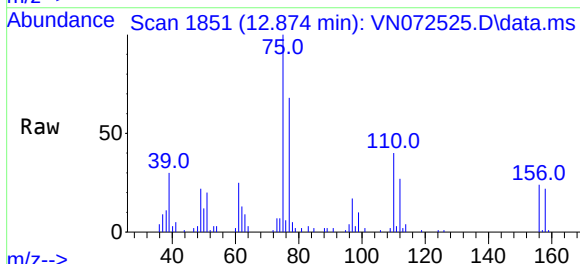
Manual Integrations
APPROVED

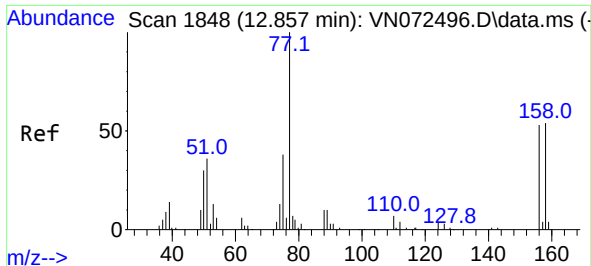
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
1,2,3-Trichloropropane
Concen: 19.480 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

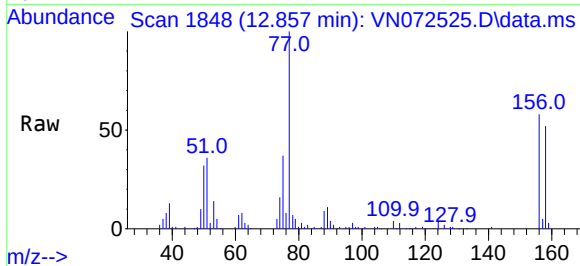
Tgt Ion: 75 Resp: 51929
Ion Ratio Lower Upper
75 100
77 169.5 0.0 378.0





#73
Bromobenzene
Concen: 19.430 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

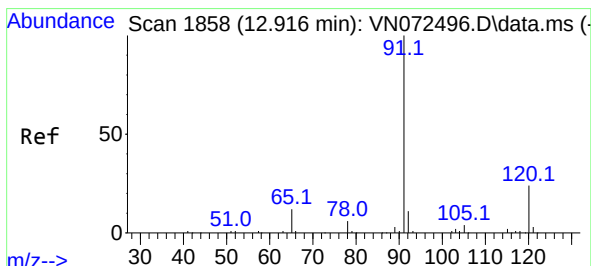
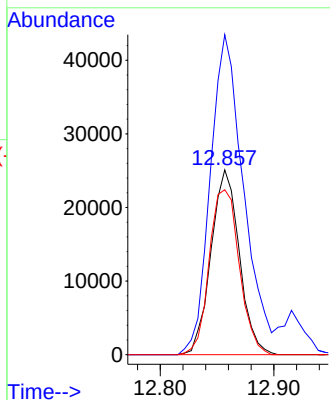
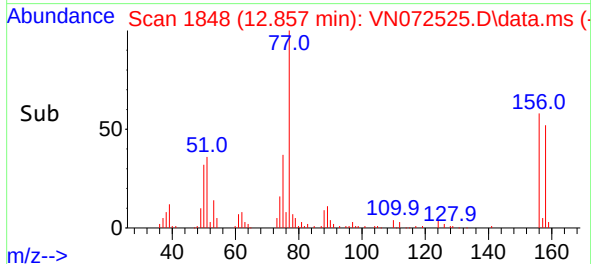
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



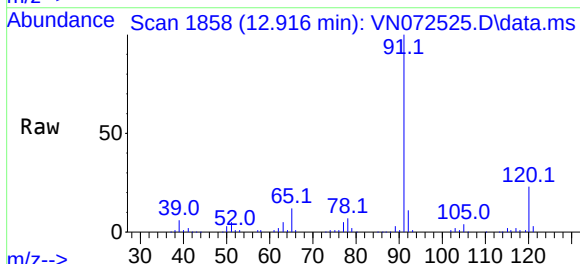
Tgt Ion:156 Resp: 43520
Ion Ratio Lower Upper
156 100
77 202.3 0.0 416.0
158 94.7 0.0 195.4

Manual Integrations
APPROVED

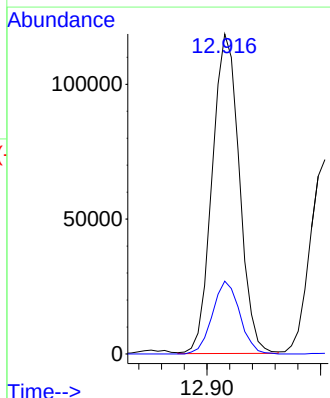
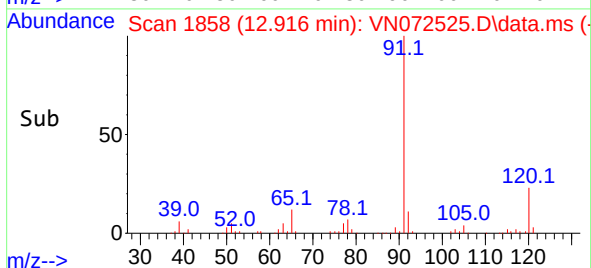
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

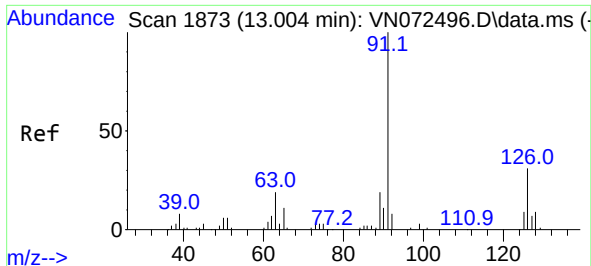


#74
n-propylbenzene
Concen: 19.312 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 91 Resp: 196771
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





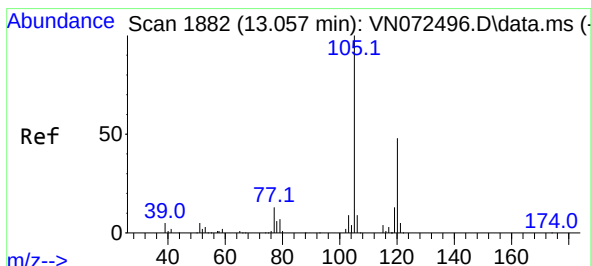
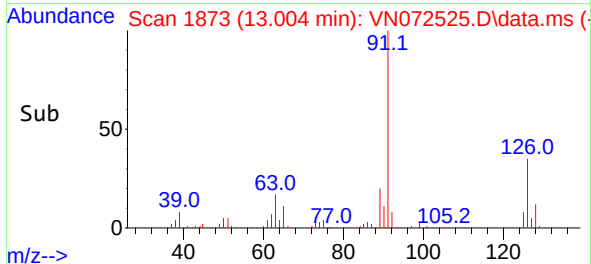
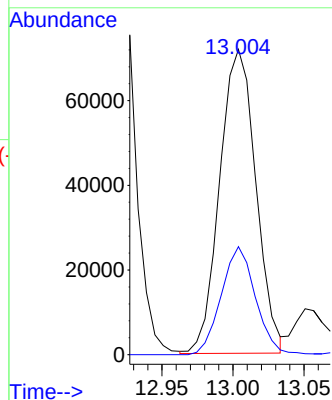
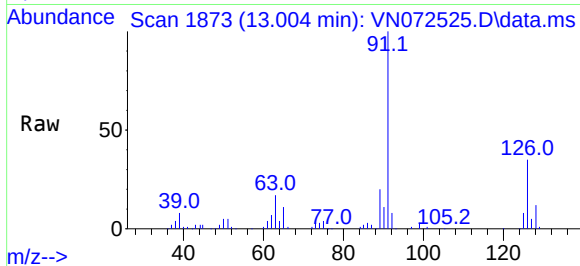
#75
2-Chlorotoluene
Concen: 19.325 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 127219
Ion Ratio Lower Upper
91 100
126 33.7 0.0 69.8

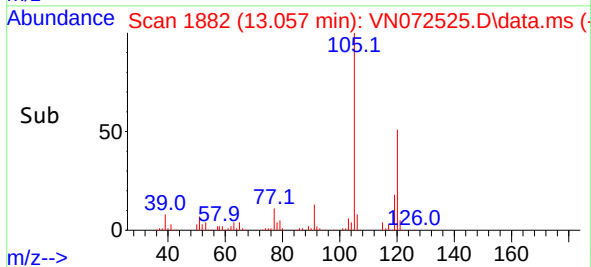
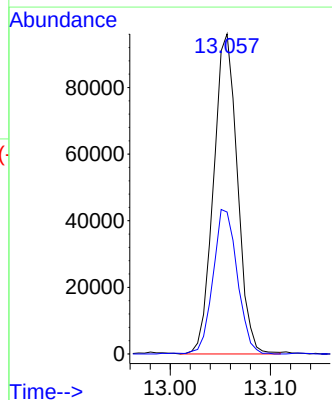
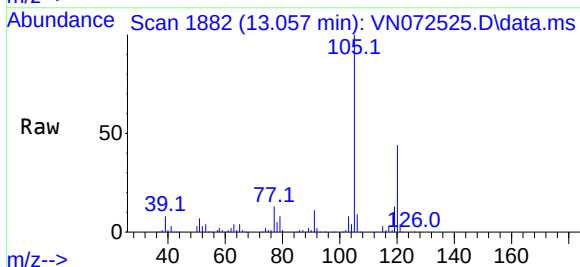
Manual Integrations
APPROVED

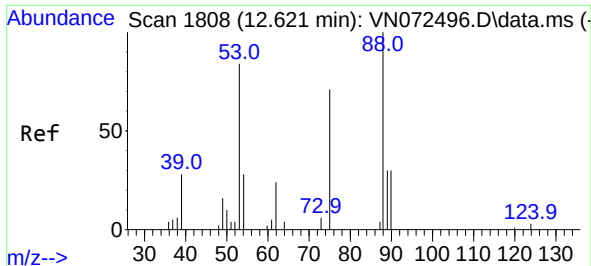
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.931 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

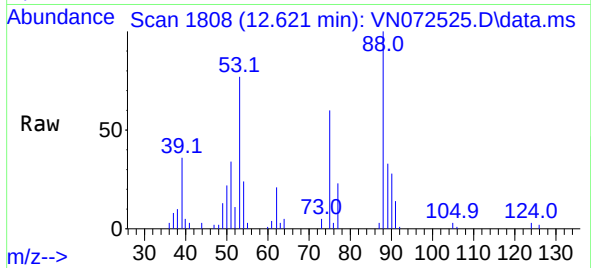
Tgt Ion:105 Resp: 158660
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 14.615 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

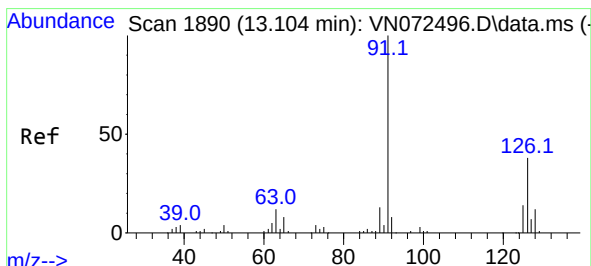
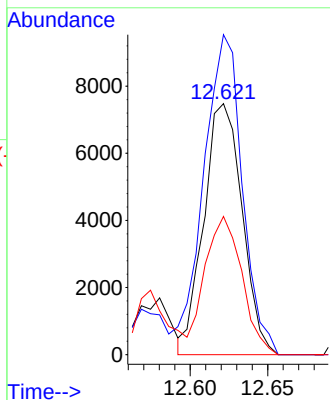
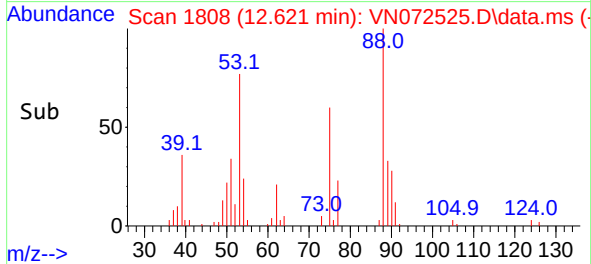
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



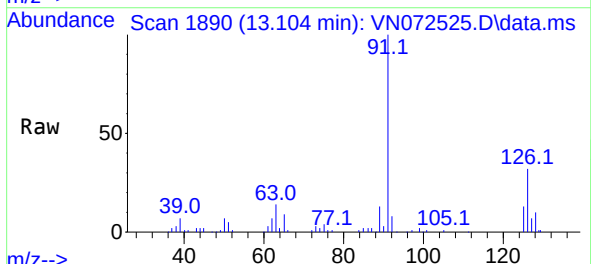
Tgt Ion: 75 Resp: 1287
Ion Ratio Lower Upper
75 100
53 127.5 51.8 155.5
89 55.1 22.9 68.7

Manual Integrations
APPROVED

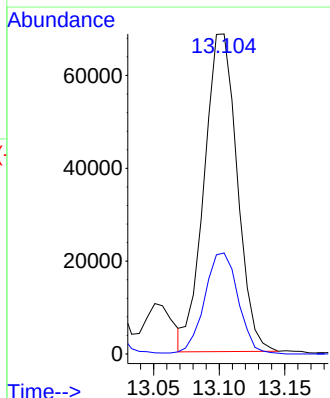
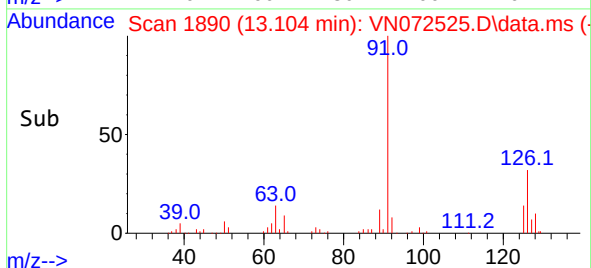
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

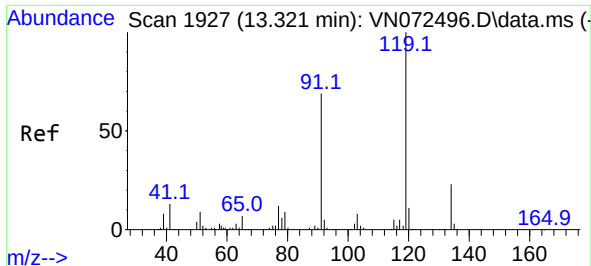


#78
4-Chlorotoluene
Concen: 19.402 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion: 91 Resp: 119718
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6





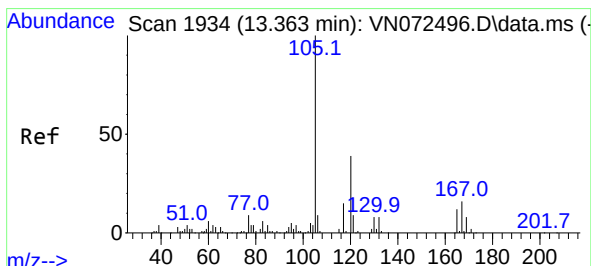
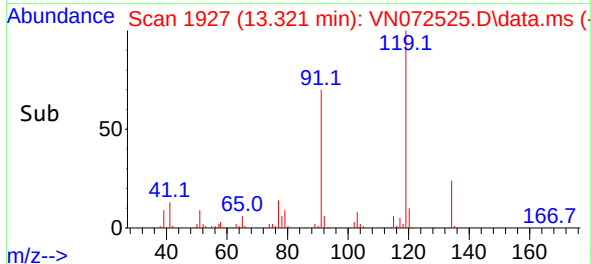
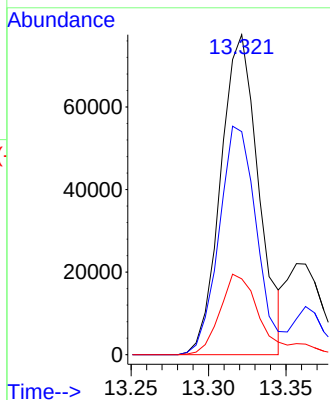
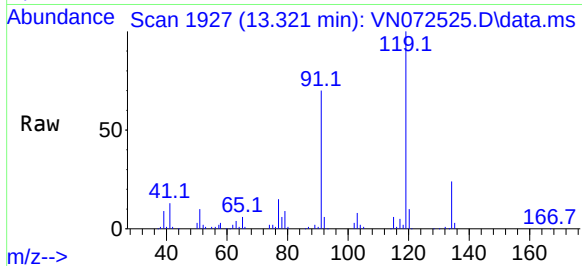
#79
tert-butylbenzene
Concen: 18.872 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 131994
Ion Ratio Lower Upper
119 100
91 71.5 0.0 137.0
134 25.4 0.0 47.6

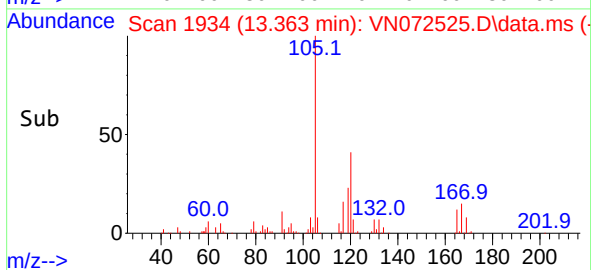
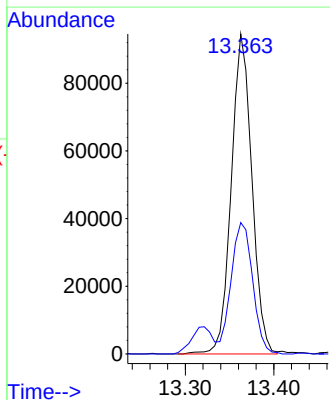
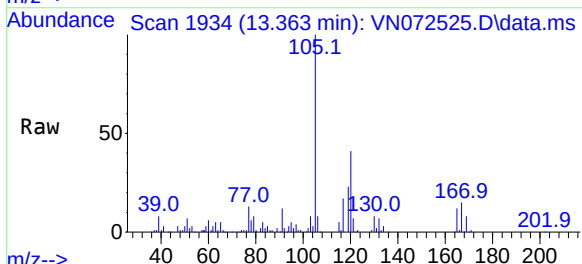
Manual Integrations
APPROVED

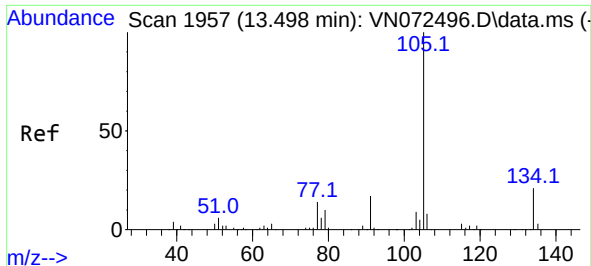
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.965 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

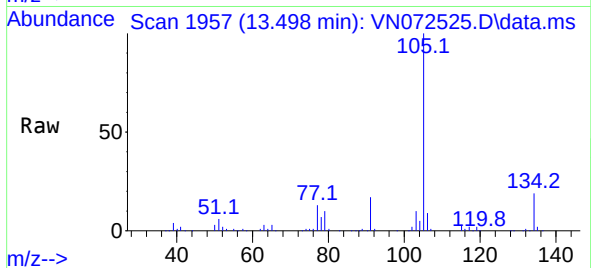
Tgt Ion:105 Resp: 153156
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.441 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072525.D
 Acq: 17 May 2022 00:59

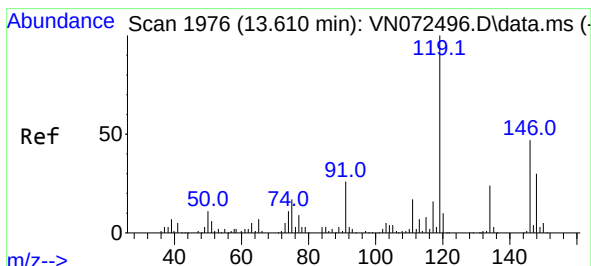
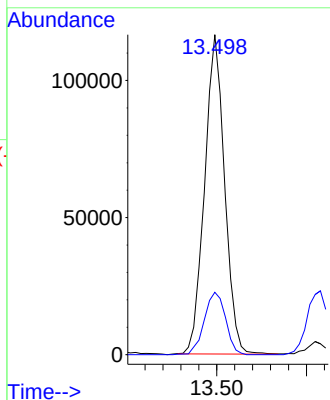
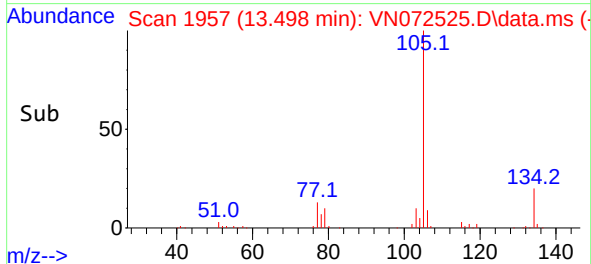
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



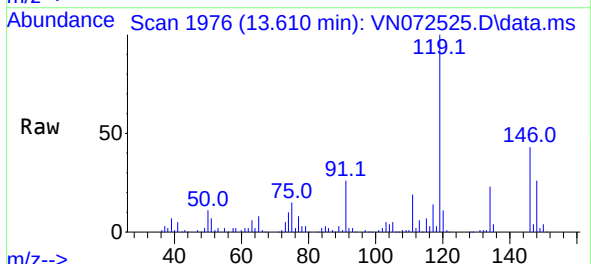
Tgt Ion:105 Resp: 18028
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 39.4

Manual Integrations
 APPROVED

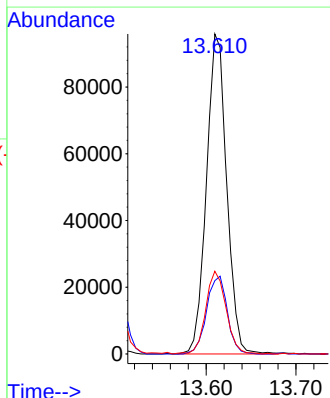
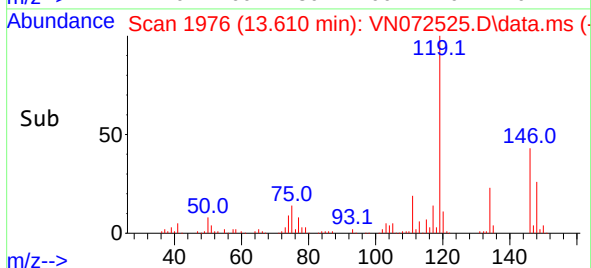
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

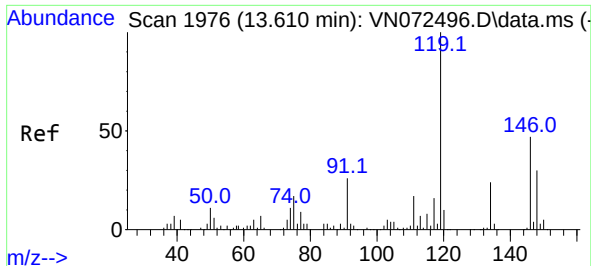


#82
 p-Isopropyltoluene
 Concen: 19.576 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072525.D
 Acq: 17 May 2022 00:59



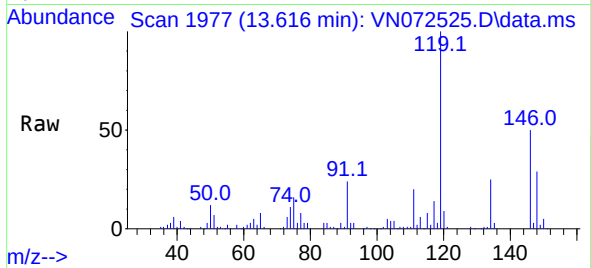
Tgt Ion:119 Resp: 150236
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.8
 91 25.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.741 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

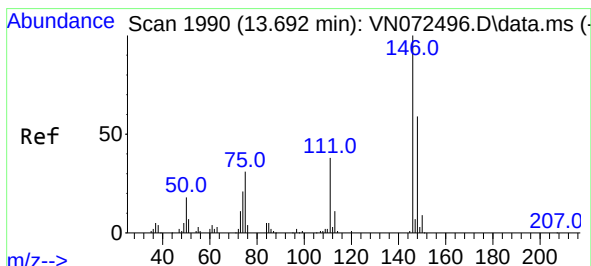
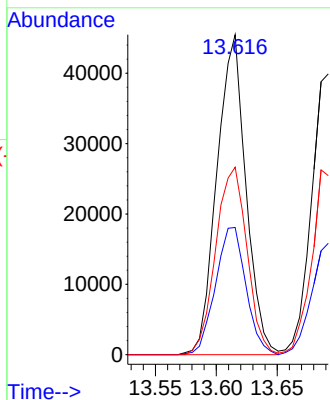
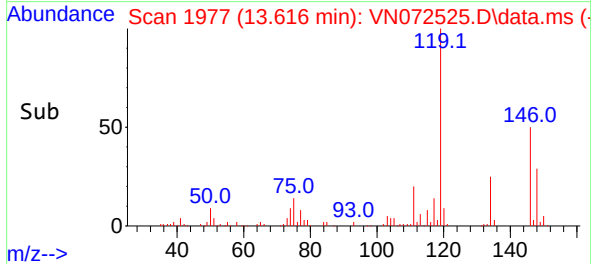
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



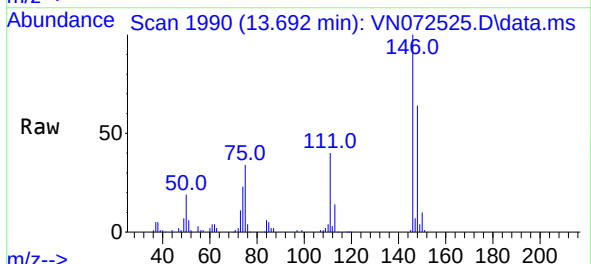
Tgt Ion:146 Resp: 7548
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.2
148 63.0 31.4 94.3

Manual Integrations
APPROVED

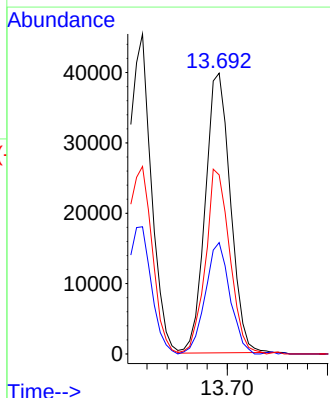
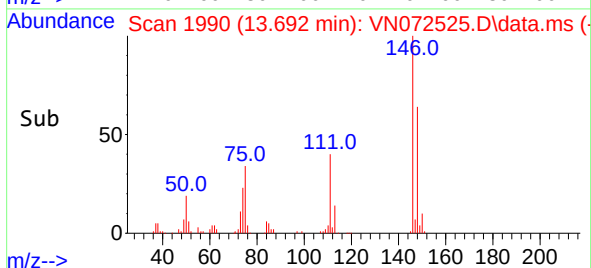
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

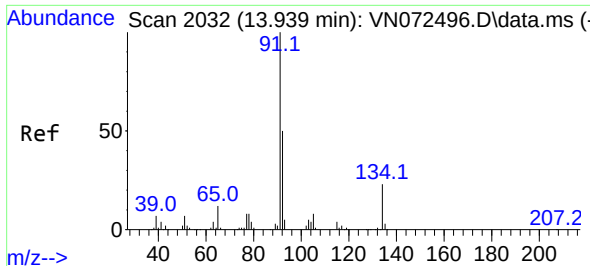


#84
1,4-Dichlorobenzene
Concen: 18.637 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



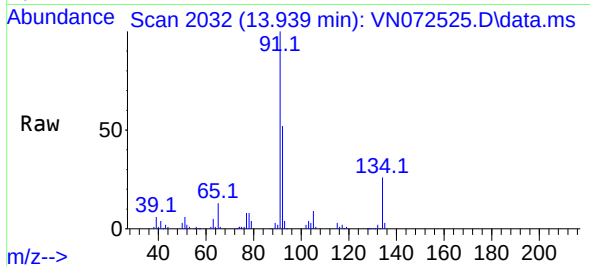
Tgt Ion:146 Resp: 69350
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.8 31.1 93.5





#85
n-Butylbenzene
Concen: 19.057 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

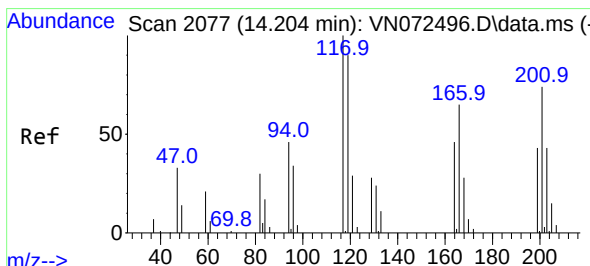
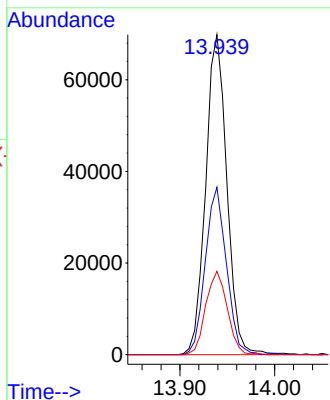
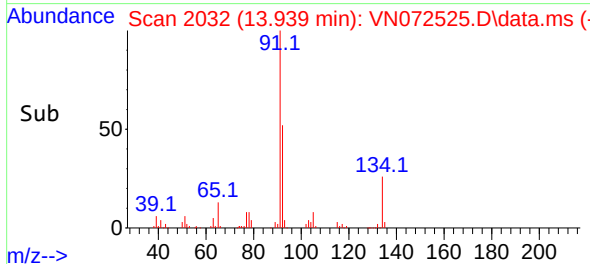
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



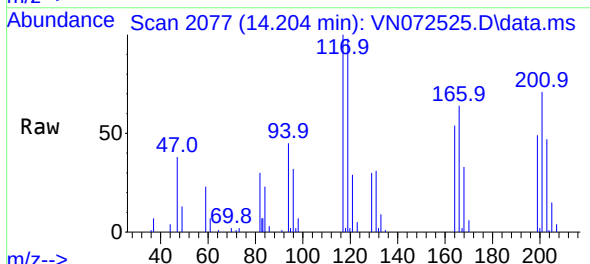
Tgt Ion: 91 Resp: 10838
Ion Ratio Lower Upper
91 100
92 52.0 0.0 100.6
134 26.3 0.0 50.2

Manual Integrations
APPROVED

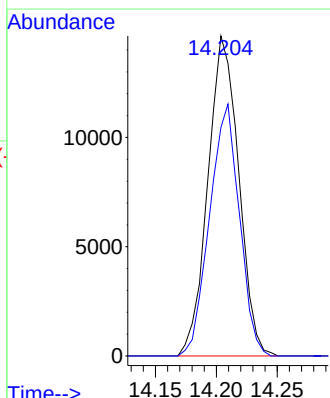
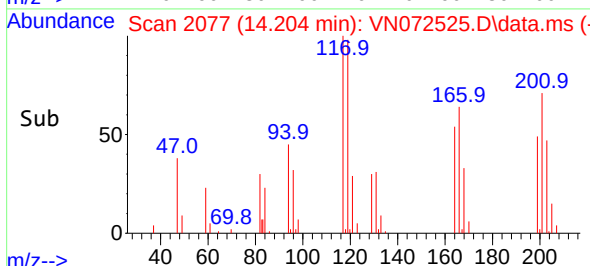
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

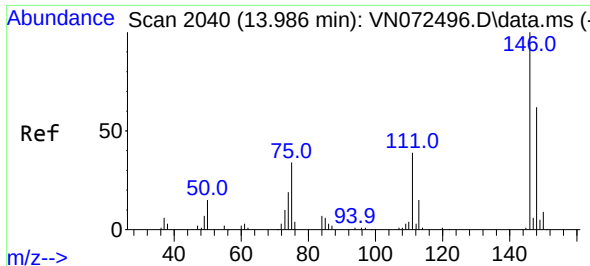


#86
Hexachloroethane
Concen: 18.260 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion:117 Resp: 25805
Ion Ratio Lower Upper
117 100
201 76.1 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 20.033 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072525.D

Acq: 17 May 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 7489

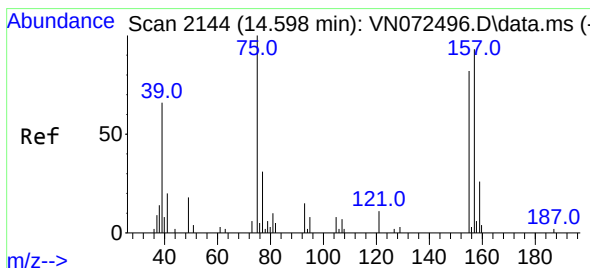
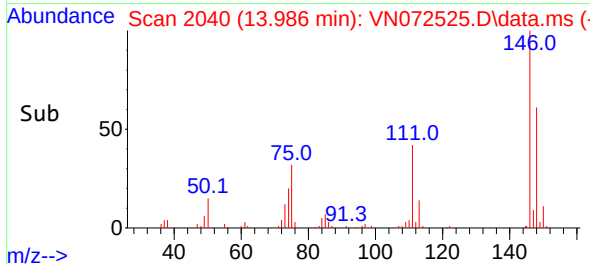
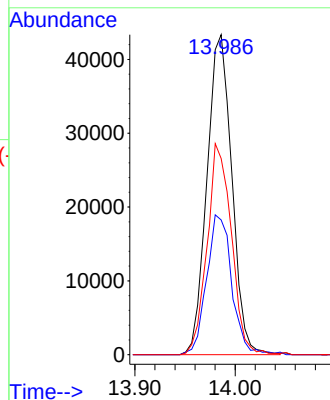
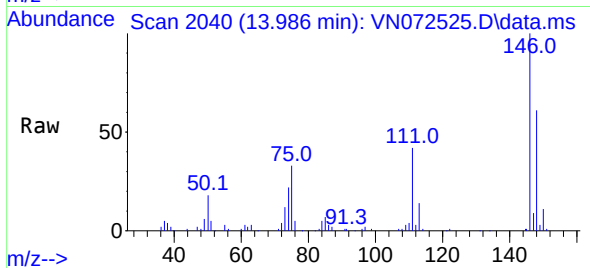
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.4	64.2
148	64.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.485 ug/l

RT: 14.598 min Scan# 2144

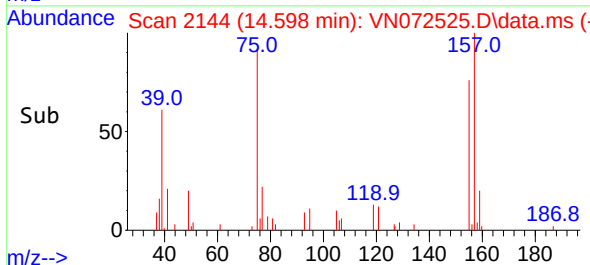
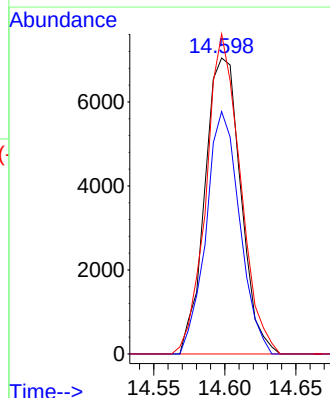
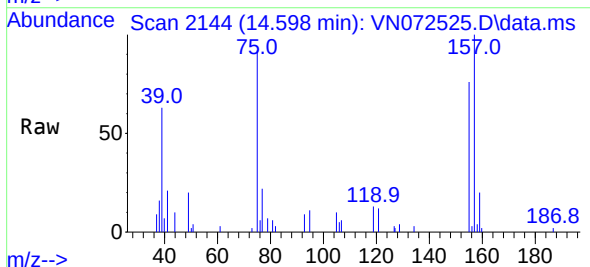
Delta R.T. 0.000 min

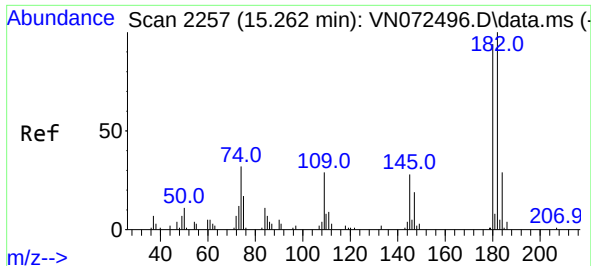
Lab File: VN072525.D

Acq: 17 May 2022 00:59

Tgt Ion: 75 Resp: 12368

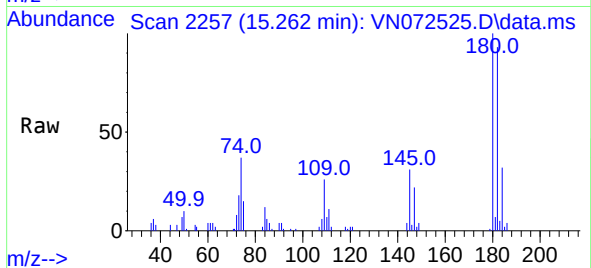
Ion	Ratio	Lower	Upper
75	100		
155	76.9	63.8	95.8
157	102.7	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.659 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

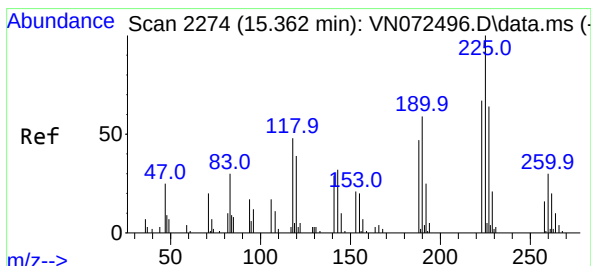
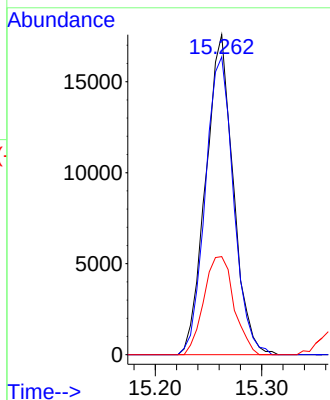
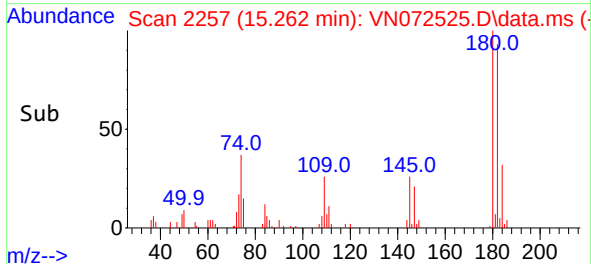
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



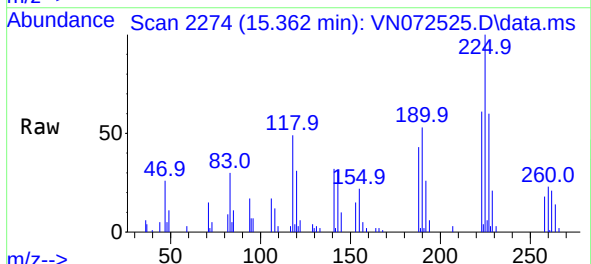
Tgt Ion:180 Resp: 31570
Ion Ratio Lower Upper
180 100
182 95.2 77.7 116.5
145 33.4 26.6 39.8

Manual Integrations
APPROVED

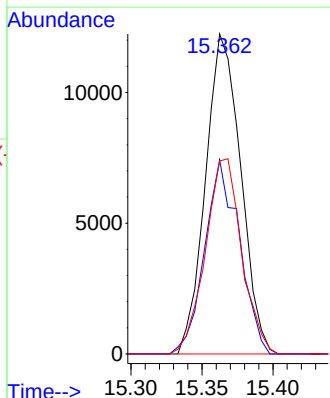
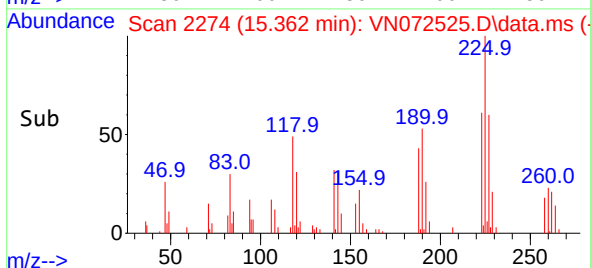
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

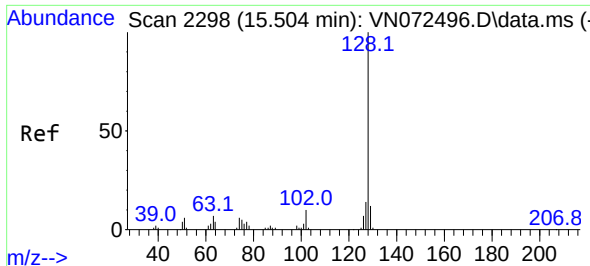


#90
Hexachlorobutadiene
Concen: 20.187 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



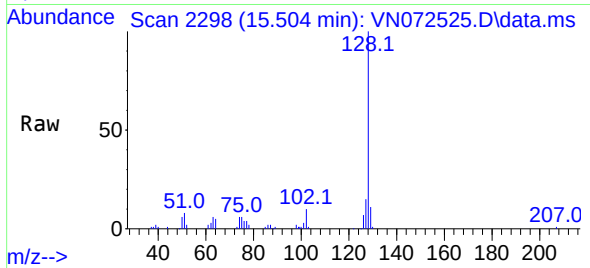
Tgt Ion:225 Resp: 21113
Ion Ratio Lower Upper
225 100
223 59.6 0.0 126.8
227 62.6 0.0 123.0





#91
Naphthalene
Concen: 19.285 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59

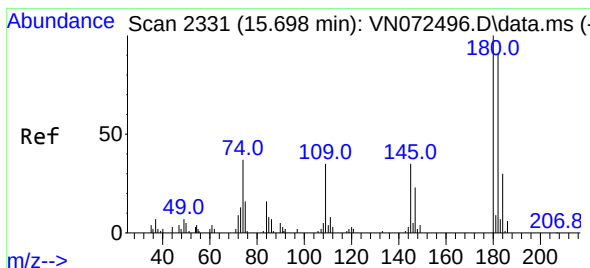
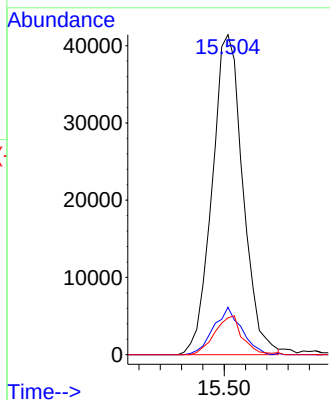
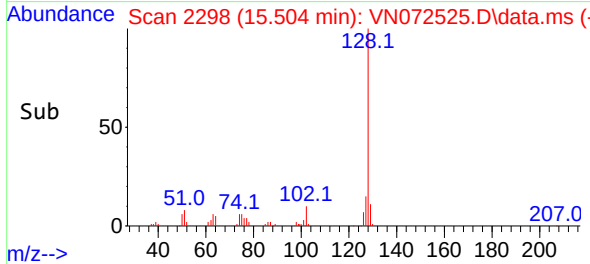
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



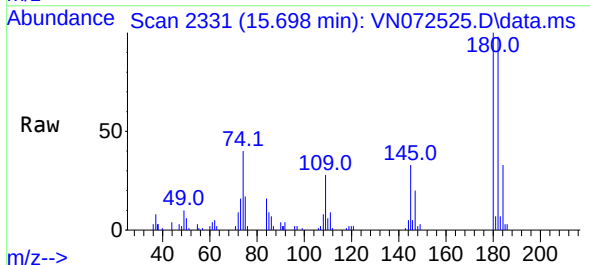
Tgt Ion:128 Resp: 82944
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.433 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072525.D
Acq: 17 May 2022 00:59



Tgt Ion:180 Resp: 31752
Ion Ratio Lower Upper
180 100
182 97.6 0.0 190.0
145 32.6 0.0 67.8

