

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072645.D
 Acq On : 26 May 2022 22:18
 Operator : JC\MD
 Sample : VSTDC00020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC00020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:36:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	31946	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	179660	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	157071	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	87381	28.585	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.300%
60) 4-Bromofluorobenzene	12.727	95	83630	30.318	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.067%
63) Toluene-d8	10.439	98	278884	31.226	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	40922	18.746	ug/l	93
3) Chloromethane	2.299	50	49900	17.047	ug/l	97
4) Vinyl Chloride	2.440	62	42452	17.346	ug/l	95
5) Bromomethane	2.852	94	14811	12.446	ug/l	93
6) Chloroethane	3.016	64	25407	16.594	ug/l	98
7) Trichlorofluoromethane	3.369	101	67923	19.367	ug/l	93
8) Diethyl Ether	3.816	74	29163	19.818	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	39602	20.214	ug/l	69
10) 1,1-Dichloroethene	4.181	96	39837	20.708	ug/l	99
11) Methyl Iodide	4.416	142	22581	12.260	ug/l	94
12) Methyl Acetate	4.851	43	72554	19.217	ug/l #	89
13) Acrolein	4.034	56	38093	88.101	ug/l	96
14) Acrylonitrile	5.551	53	157570	96.889	ug/l	97
15) Acetone	4.275	58	40186	95.989	ug/l	87
16) Carbon Disulfide	4.528	76	103234	19.564	ug/l	95
17) Allyl chloride	4.840	41	76913	19.243	ug/l	78
18) Methylene Chloride	5.093	84	50170	19.836	ug/l	90
19) trans-1,2-Dichloroethene	5.593	96	41517	19.731	ug/l	94
20) Diisopropyl ether	6.492	45	164390	17.938	ug/l	89
21) 1,1-Dichloroethane	6.387	63	87669	18.794	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	50922	19.054	ug/l	97
23) tert-Butyl Alcohol	5.363	59	46311	84.838	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	145778	19.724	ug/l	93
25) Chloroform	7.816	83	88663	18.708	ug/l	94
26) Cyclohexane	8.092	56	76284	17.339	ug/l #	90
29) 1,1-Dichloropropene	8.216	75	61274	18.034	ug/l	98
30) 2-Butanone	7.328	43	219451	95.917	ug/l	95
31) 2,2-Dichloropropane	7.322	77	61007	17.729	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	71819	19.054	ug/l	100
33) Carbon Tetrachloride	8.204	117	61470	18.367	ug/l	97
34) Benzene	8.457	78	203739	19.075	ug/l	98
35) Methacrylonitrile	7.634	41	45632	19.553	ug/l	87
36) 1,2-Dichloroethane	8.528	62	67046	19.318	ug/l #	94
37) Trichloroethene	9.216	130	46788	18.405	ug/l	96
38) Methylcyclohexane	9.457	83	74126	17.664	ug/l	93
39) 1,2-Dichloropropane	9.486	63	52076	18.284	ug/l	98
40) Dibromomethane	9.575	93	33583	18.594	ug/l	95
41) Bromodichloromethane	9.757	83	66911	18.482	ug/l #	93
42) Vinyl Acetate	6.428	43	721157	96.576	ug/l	99

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 Data File : VN072645.D
 Acq On : 26 May 2022 22:18
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:36:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	88184	20.099	ug/l	97
44) Isopropyl Acetate	8.557	43	127561	18.660	ug/l	98
45) 1,4-Dioxane	9.563	88	20896	364.573	ug/l	91
46) Methyl methacrylate	9.557	41	55445	17.214	ug/l	83
47) n-amyl Acetate	12.380	43	87517	17.571	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	68304	17.467	ug/l	100
49) cis-1,3-Dichloropropene	10.180	75	78847	18.299	ug/l #	88
50) 1,1,2-Trichloroethane	10.892	97	51832	19.522	ug/l	98
51) Ethyl methacrylate	10.757	69	80208	17.917	ug/l	85
52) 1,3-Dichloropropane	11.039	76	88738	18.954	ug/l	97
53) Dibromochloromethane	11.233	129	50240	18.405	ug/l	100
54) 1,2-Dibromoethane	11.339	107	50926	18.680	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	205059	104.716	ug/l	97
56) Bromoform	12.451	173	34628	17.572	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	431819	95.178	ug/l	97
59) 2-Hexanone	11.080	43	307336	94.984	ug/l	97
61) Tetrachloroethene	10.975	164	40900	19.675	ug/l	95
62) Toluene	10.498	91	214259	19.431	ug/l	99
64) Chlorobenzene	11.769	112	121969	19.036	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	47293	18.744	ug/l	98
66) Ethyl Benzene	11.839	91	216523	17.801	ug/l	96
67) m/p-Xylenes	11.945	106	164827	37.283	ug/l	98
68) o-Xylene	12.274	106	82689	18.799	ug/l	97
69) Styrene	12.286	104	128039	18.373	ug/l	97
70) Isopropylbenzene	12.574	105	205561	18.292	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	73522	19.056	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	66698m	20.487	ug/l	
73) Bromobenzene	12.857	156	47823	19.372	ug/l	93
74) n-propylbenzene	12.916	91	231838	18.245	ug/l	100
75) 2-Chlorotoluene	13.004	91	143602	18.632	ug/l	95
76) 1,3,5-Trimethylbenzene	13.057	105	163744	18.463	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	22064	17.343	ug/l	94
78) 4-Chlorotoluene	13.098	91	131929	18.801	ug/l	96
79) tert-butylbenzene	13.316	119	147985	19.068	ug/l	95
80) 1,2,4-Trimethylbenzene	13.498	105	201455	23.537	ug/l	100
81) sec-Butylbenzene	13.498	105	201455	17.943	ug/l	100
82) p-Isopropyltoluene	13.610	119	153447	17.629	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	76715	17.905	ug/l	99
84) 1,4-Dichlorobenzene	13.686	146	75074	18.036	ug/l	98
85) n-Butylbenzene	13.939	91	121474	16.984	ug/l	99
86) Hexachloroethane	14.204	117	31948	18.429	ug/l	93
87) 1,2-Dichlorobenzene	13.986	146	79036	18.676	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	13583	18.122	ug/l	97
89) 1,2,4-Trichlorobenzene	15.257	180	36164	17.320	ug/l	99
90) Hexachlorobutadiene	15.368	225	18872	18.022	ug/l	97
91) Naphthalene	15.498	128	135271	18.462	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	40262	18.888	ug/l	97

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

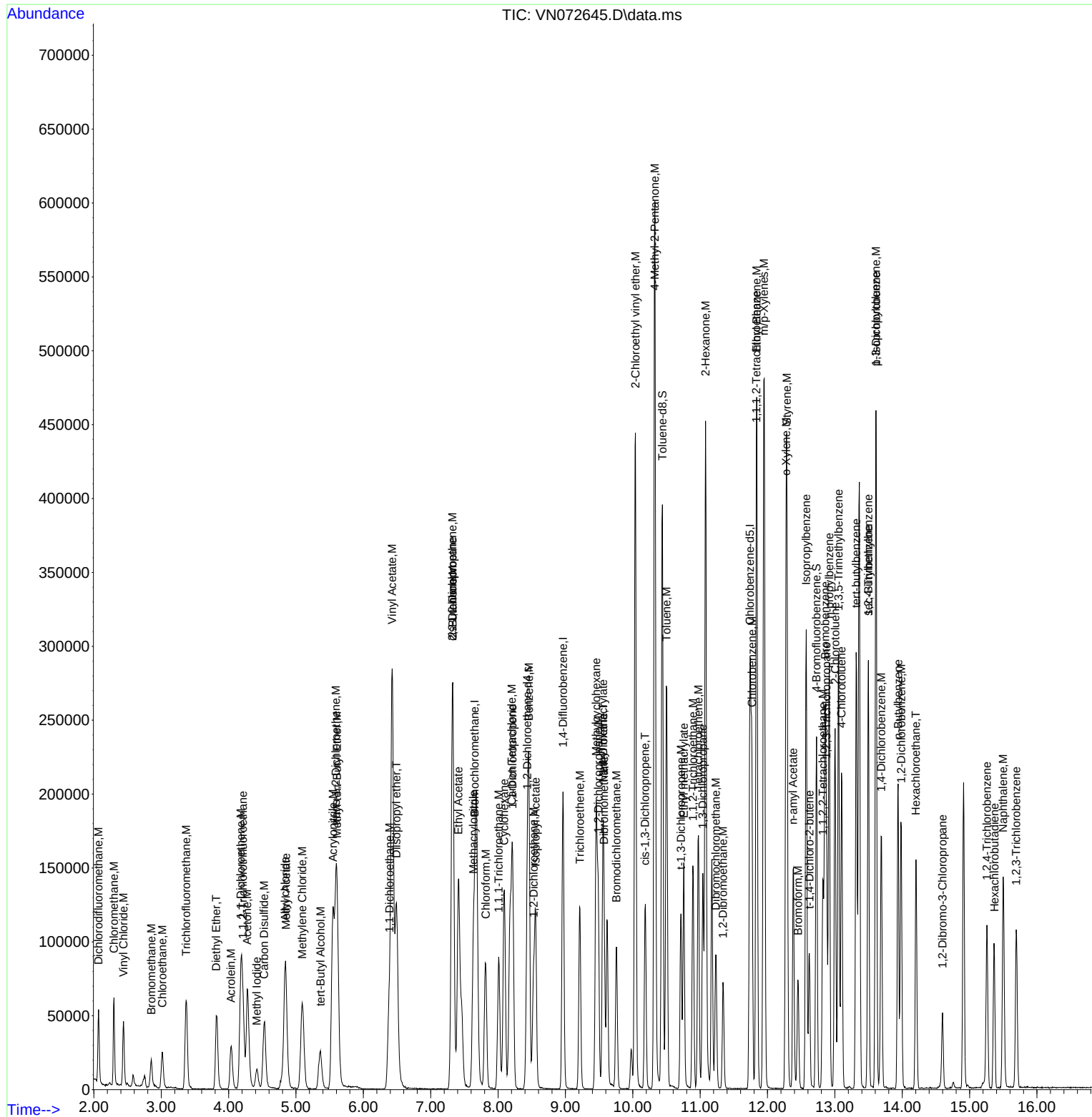
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072645.D
Acq On : 26 May 2022 22:18
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

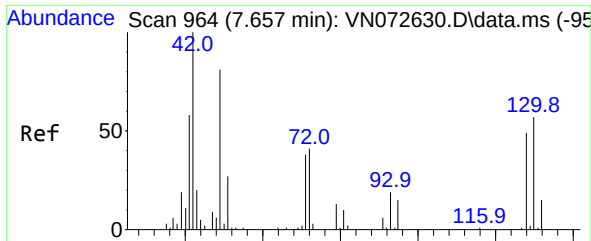
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: May 27 05:36:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 27 05:07:24 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

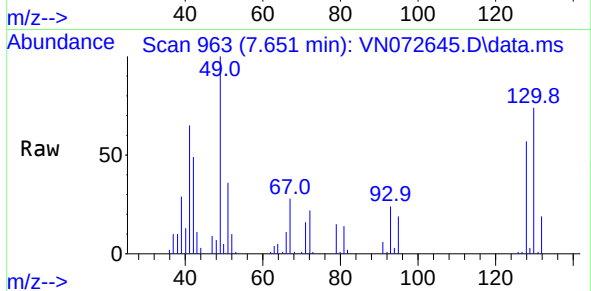
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

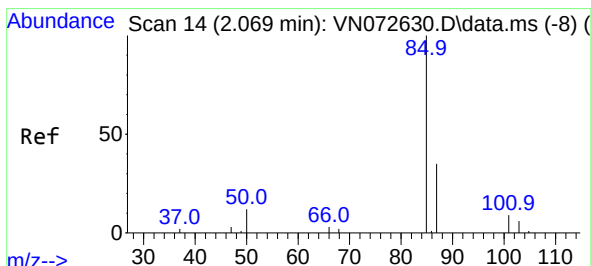
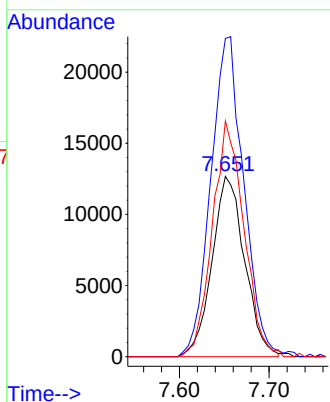
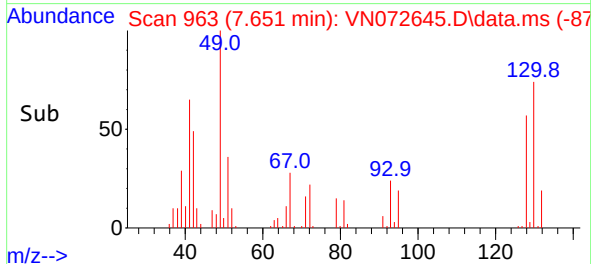
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



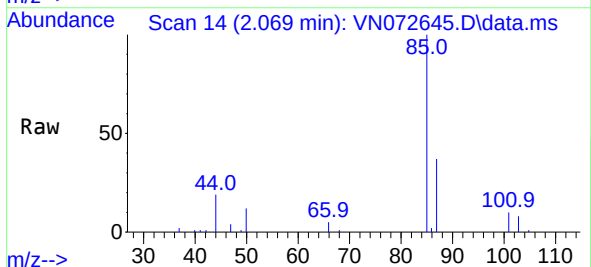
Tgt Ion:128 Resp: 31940
Ion Ratio Lower Upper
128 100
49 179.5 0.0 392.3
130 126.7 0.0 320.2

Manual Integrations
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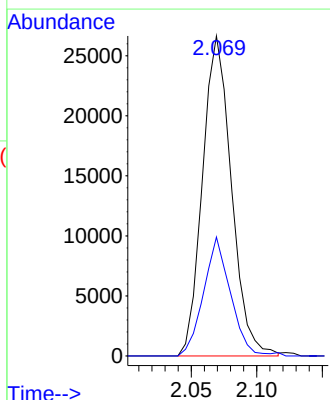
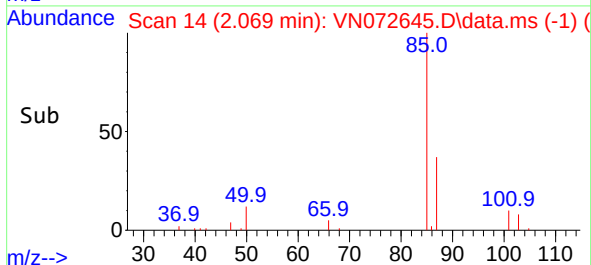
Reviewed By :John Carlone 05/27/2022
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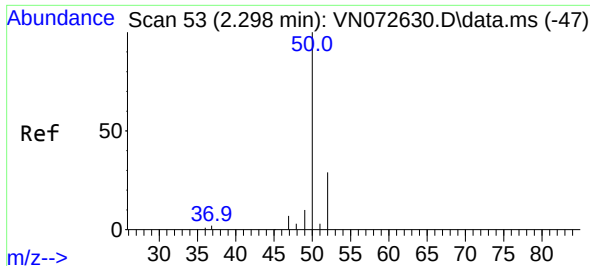


#2
Dichlorodifluoromethane
Concen: 18.746 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



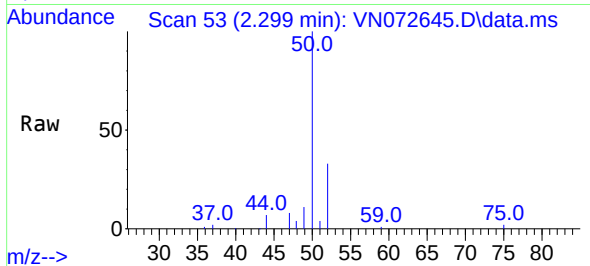
Tgt Ion: 85 Resp: 40922
Ion Ratio Lower Upper
85 100
87 37.2 16.6 49.7





#3
Chloromethane
Concen: 17.047 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

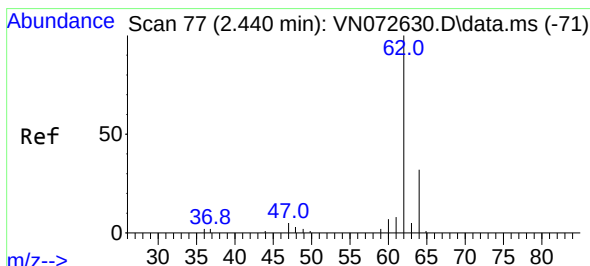
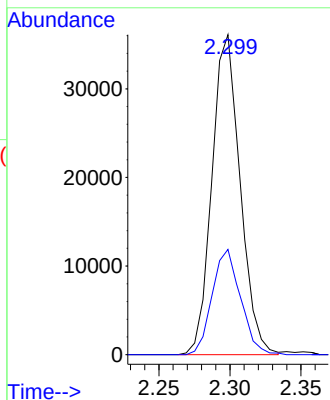
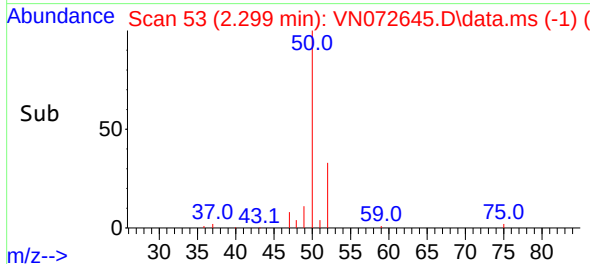
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 49900
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

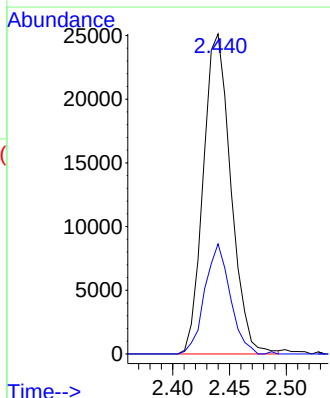
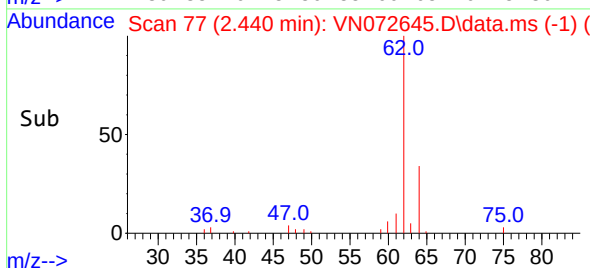
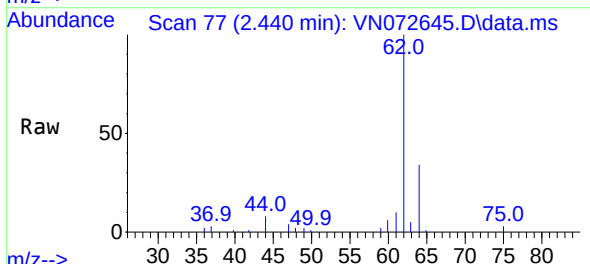
Manual Integrations
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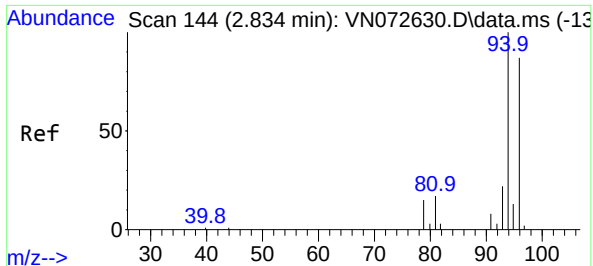
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#4
Vinyl Chloride
Concen: 17.346 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

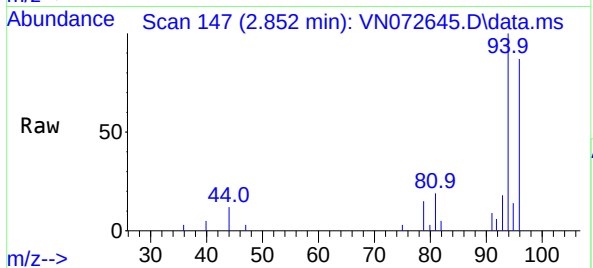
Tgt Ion: 62 Resp: 42452
Ion Ratio Lower Upper
62 100
64 34.4 25.1 37.7





#5
Bromomethane
Concen: 12.446 ug/l
RT: 2.852 min Scan# 144
Delta R.T. 0.018 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

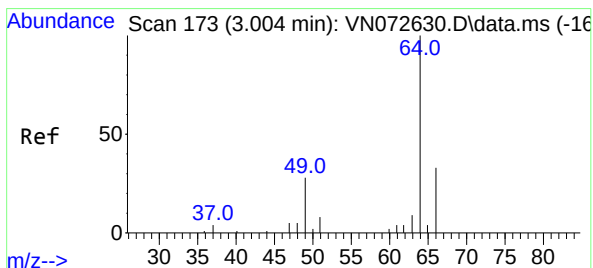
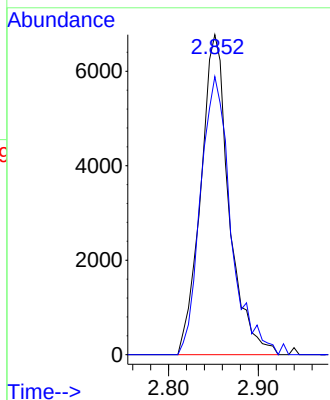
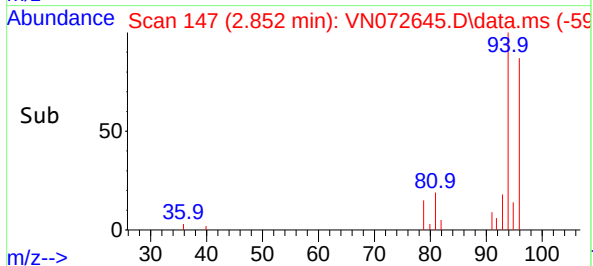
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



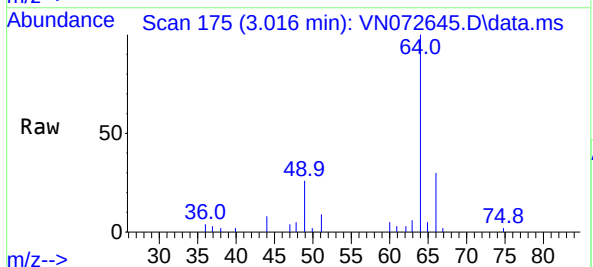
Tgt Ion: 94 Resp: 1481
Ion Ratio Lower Upper
94 100
96 86.9 75.2 112.8

Manual Integrations
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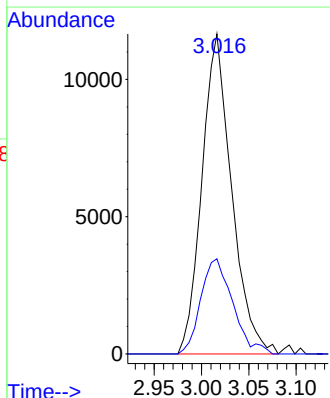
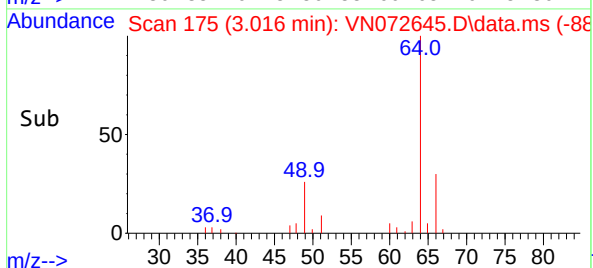
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



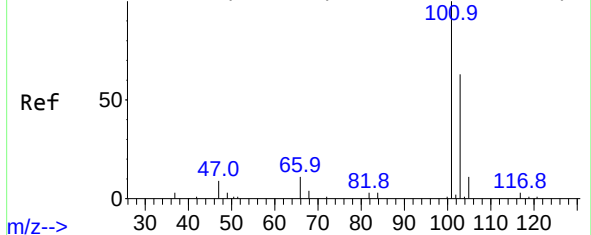
#6
Chloroethane
Concen: 16.594 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion: 64 Resp: 25407
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8



Abundance Scan 235 (3.369 min): VN072630.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 19.367 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

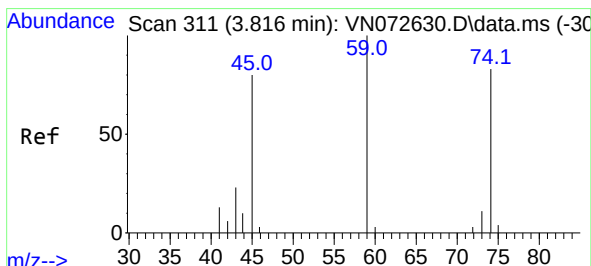
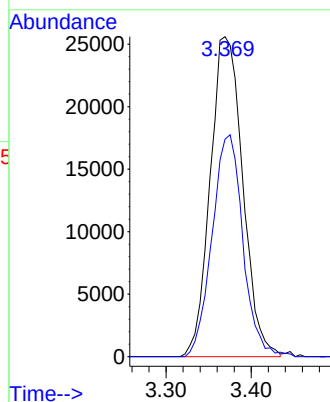
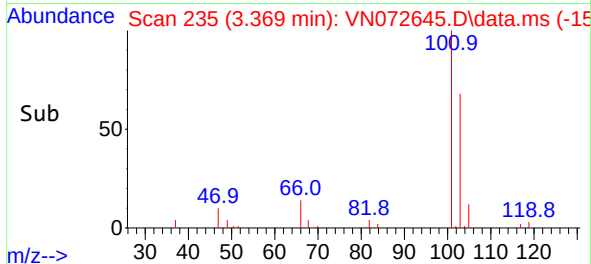
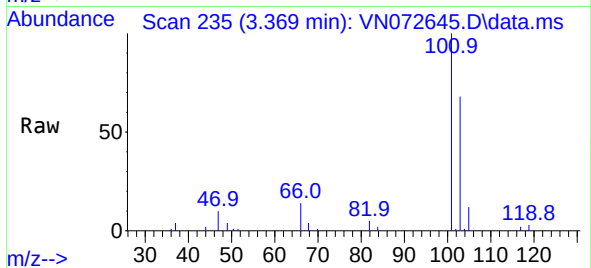
VSTDCCC020EC

Tgt Ion:101 Resp: 6792
Ion Ratio Lower Upper
101 100
103 67.9 50.1 75.1

Manual Integrations

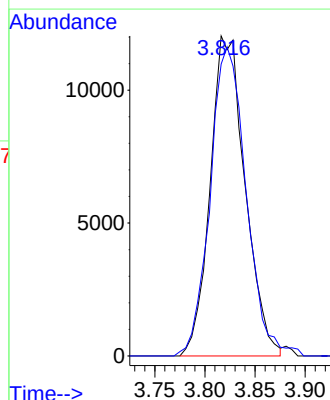
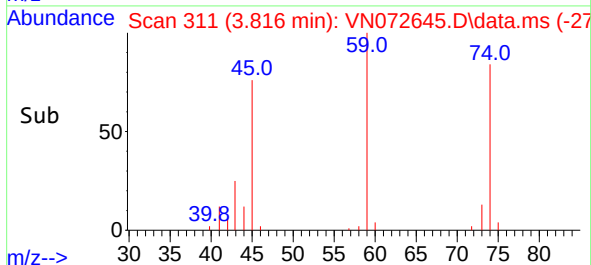
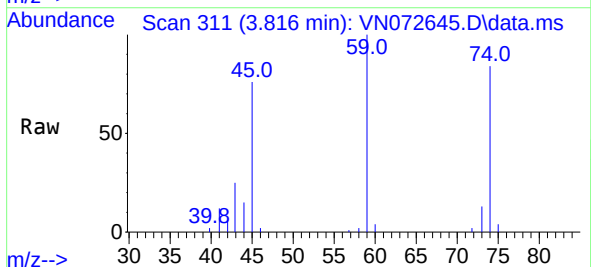
APPROVED

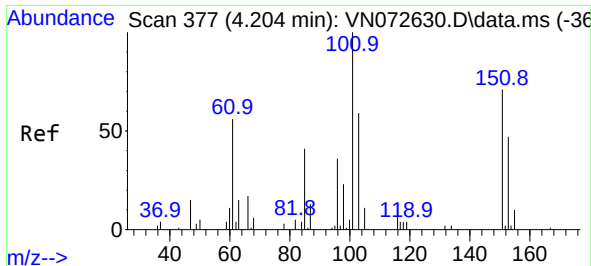
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#8
Diethyl Ether
Concen: 19.818 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion: 74 Resp: 29163
Ion Ratio Lower Upper
74 100
45 99.2 17.6 158.8





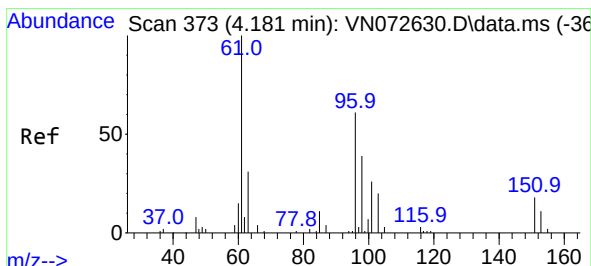
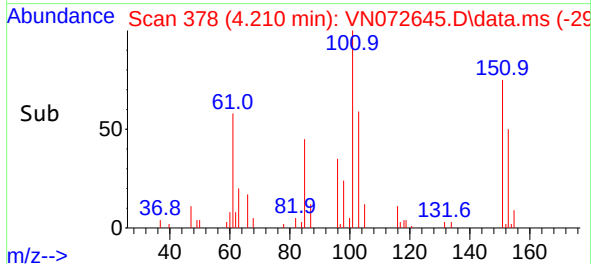
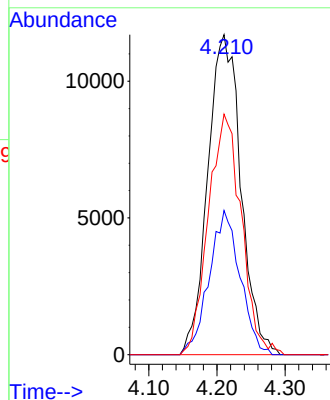
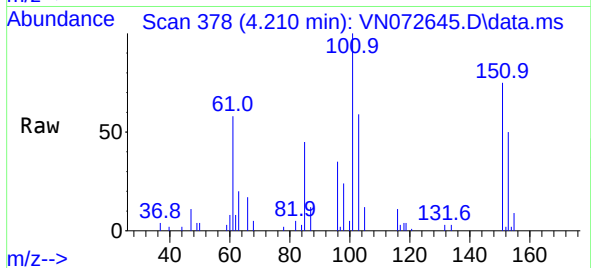
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.214 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3960
Ion Ratio Lower Upper
101 100
85 42.0 0.0 94.0
151 74.0 0.0 74.6

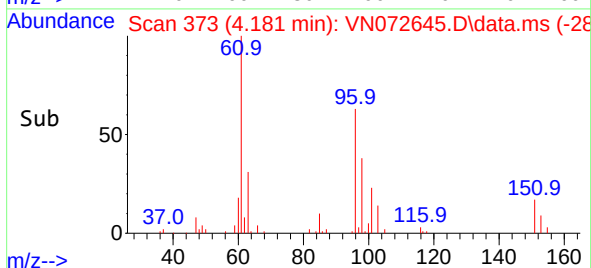
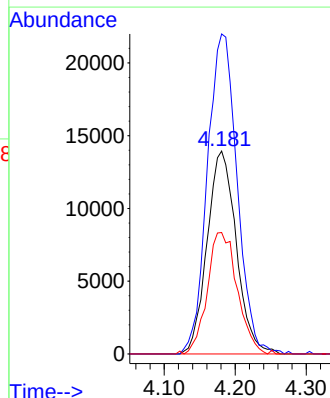
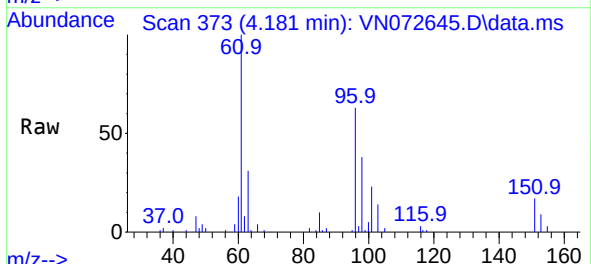
Manual Integrations
APPROVED

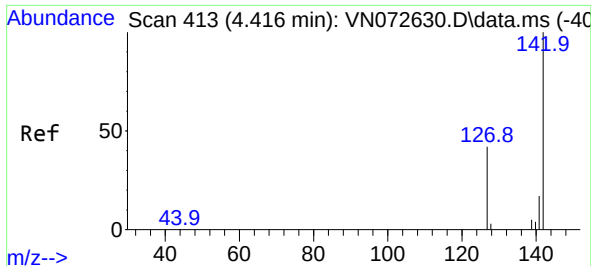
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 20.708 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

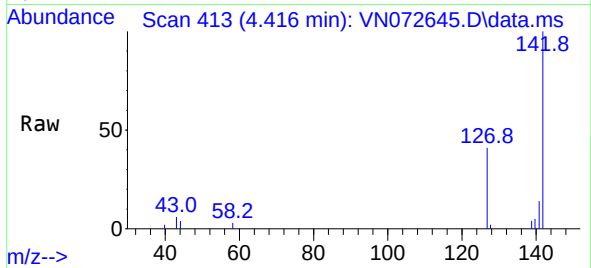
Tgt Ion: 96 Resp: 39837
Ion Ratio Lower Upper
96 100
61 157.7 126.2 189.4
98 59.8 50.9 76.3





#11
Methyl Iodide
Concen: 12.260 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

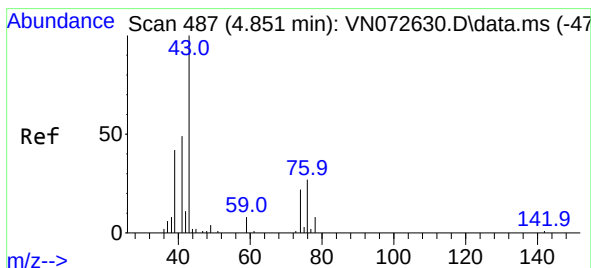
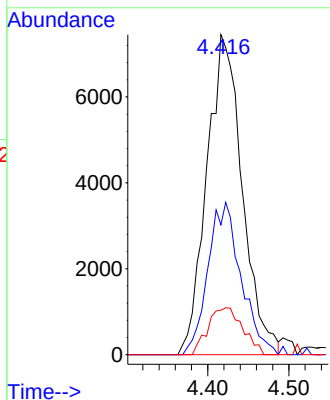
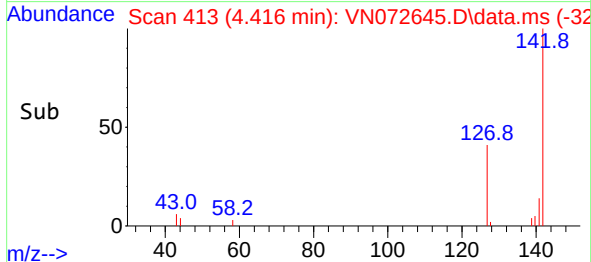
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



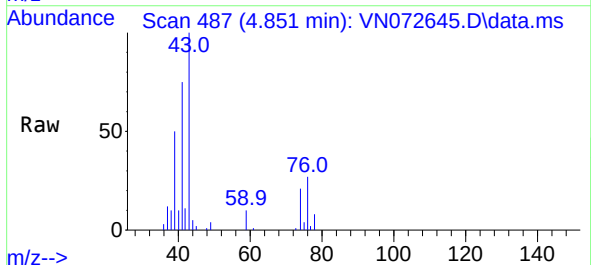
Tgt Ion:142 Resp: 2258
Ion Ratio Lower Upper
142 100
127 43.7 24.0 72.0
141 14.2 8.4 25.2

Manual Integrations
APPROVED

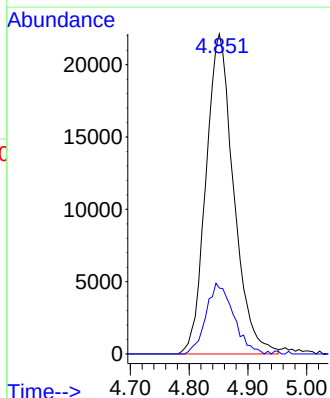
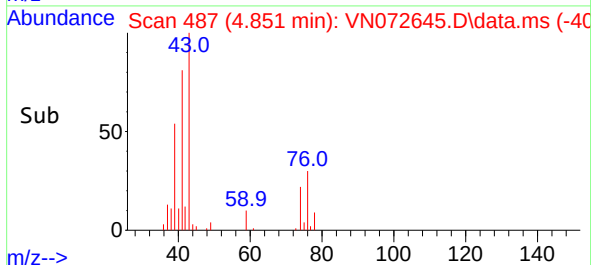
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

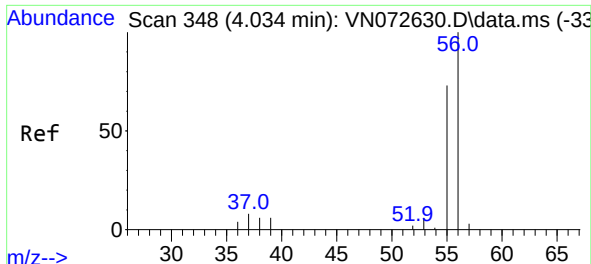


#12
Methyl Acetate
Concen: 19.217 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



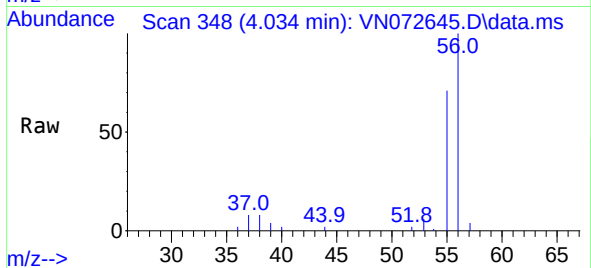
Tgt Ion: 43 Resp: 72554
Ion Ratio Lower Upper
43 100
74 20.3 20.8 31.2#





#13
Acrolein
Concen: 88.101 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

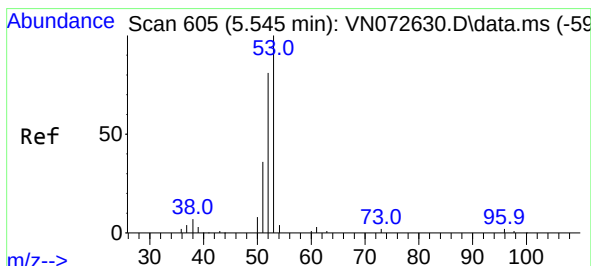
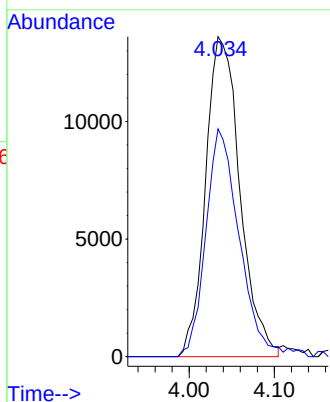
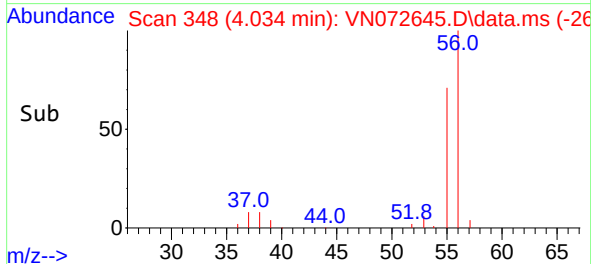
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



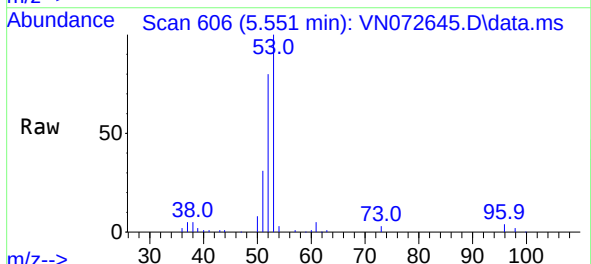
Tgt Ion: 56 Resp: 3809
Ion Ratio Lower Upper
56 100
55 68.3 57.6 86.4

Manual Integrations
APPROVED

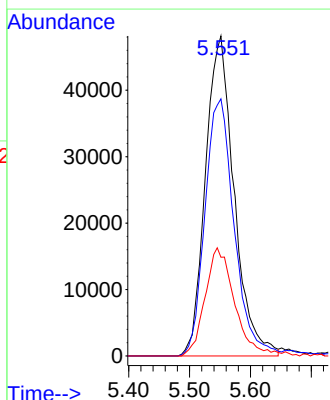
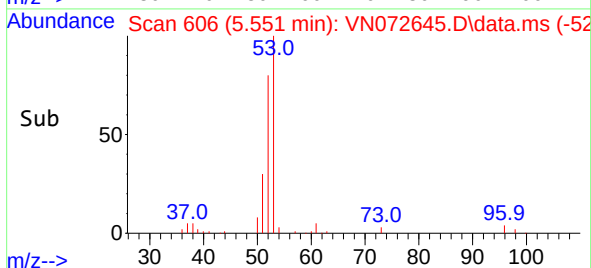
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

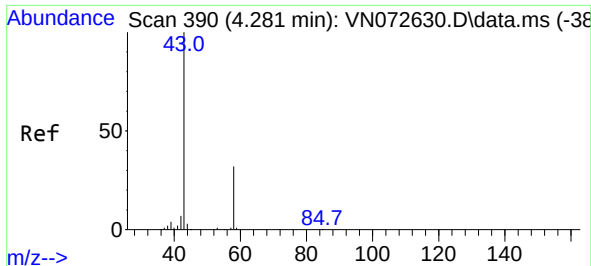


#14
Acrylonitrile
Concen: 96.889 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



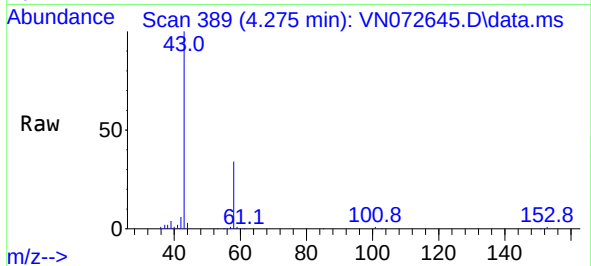
Tgt Ion: 53 Resp: 157570
Ion Ratio Lower Upper
53 100
52 81.8 41.8 125.4
51 34.0 19.0 57.0





#15
Acetone
Concen: 95.989 ug/l
RT: 4.275 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

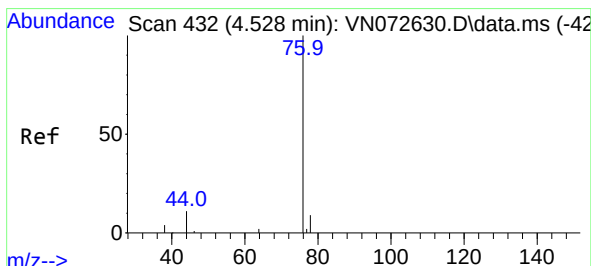
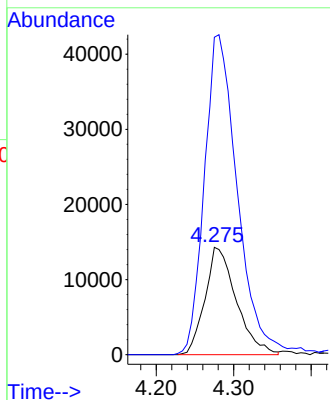
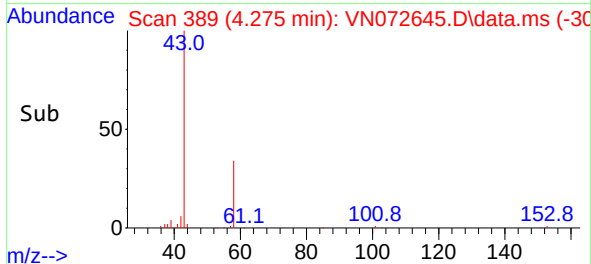
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 40180
Ion Ratio Lower Upper
58 100
43 294.5 256.6 384.8

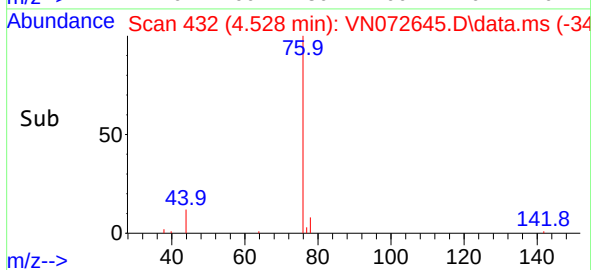
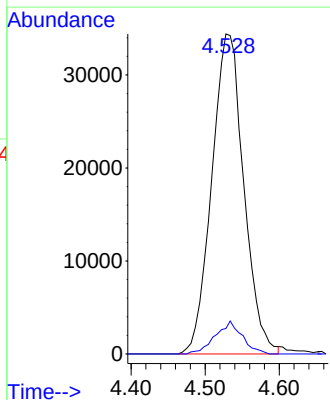
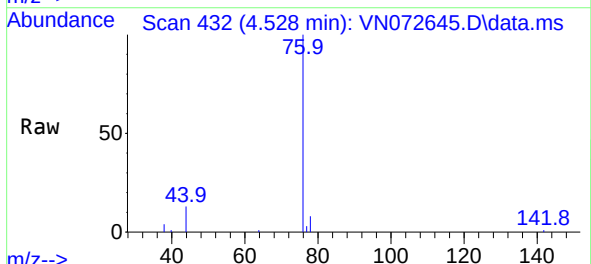
Manual Integrations
APPROVED

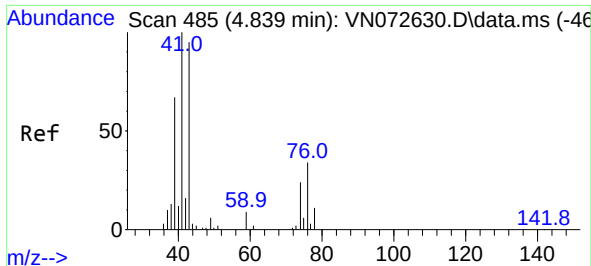
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#16
Carbon Disulfide
Concen: 19.564 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

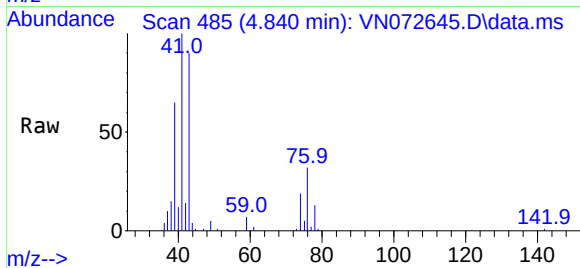
Tgt Ion: 76 Resp: 103234
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8





#17
Allyl chloride
Concen: 19.243 ug/l
RT: 4.840 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

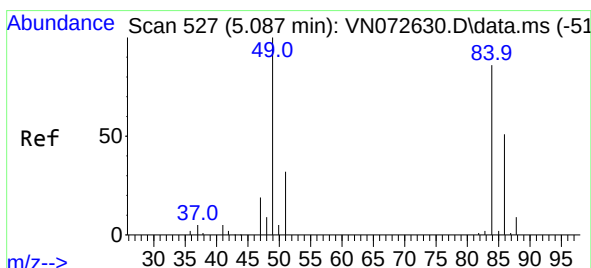
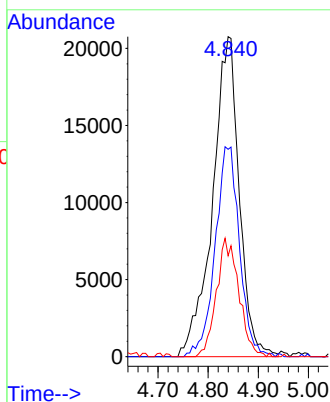
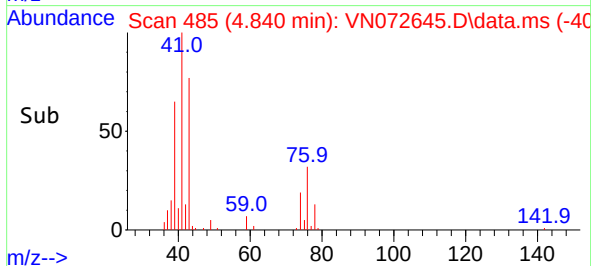
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 7691
Ion Ratio Lower Upper
41 100
39 64.8 44.6 134.0
76 31.6 19.6 58.7

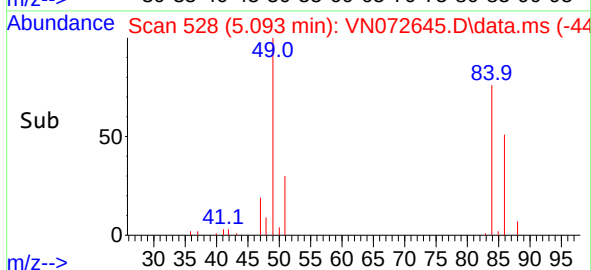
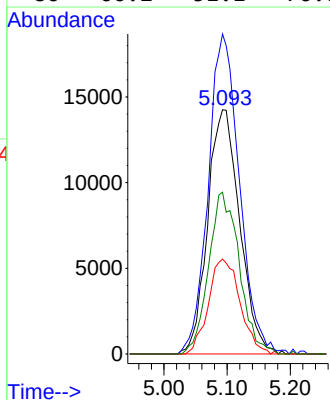
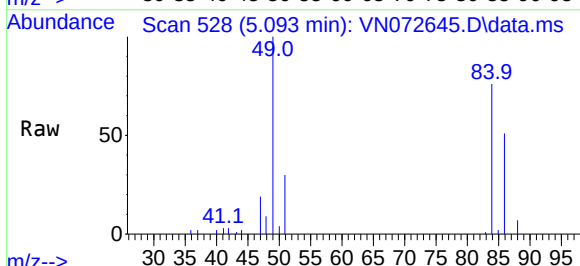
Manual Integrations
APPROVED

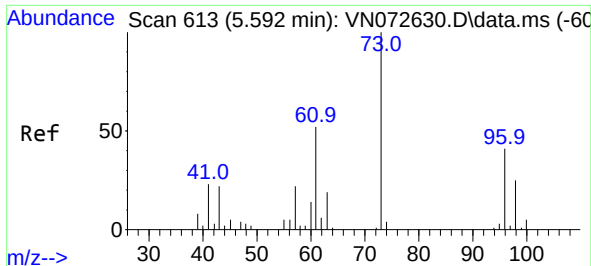
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#18
Methylene Chloride
Concen: 19.836 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion: 84 Resp: 50170
Ion Ratio Lower Upper
84 100
49 131.0 91.4 137.0
51 38.9 29.4 44.0
86 66.2 51.1 76.7





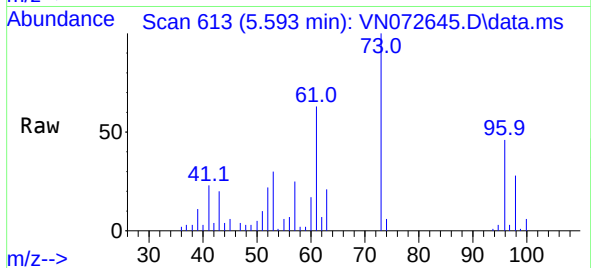
#19
trans-1,2-Dichloroethene
Concen: 19.731 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

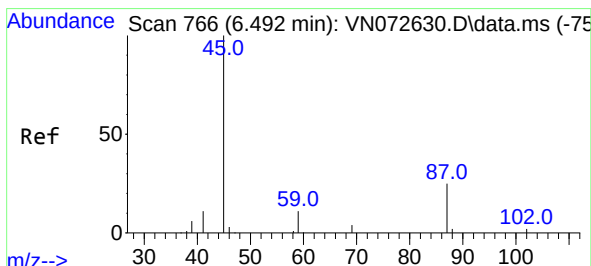
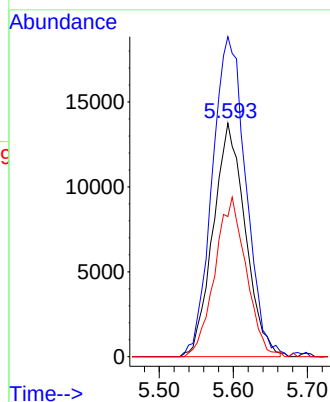
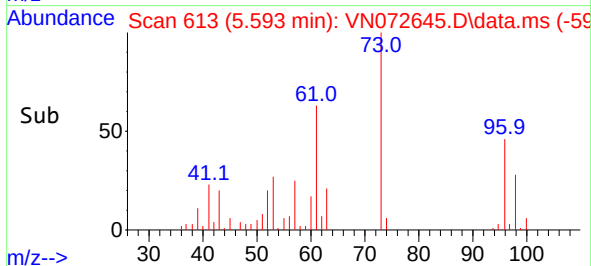


Tgt Ion: 96 Resp: 4151
Ion Ratio Lower Upper
96 100
61 137.1 102.8 154.2
98 60.0 49.3 73.9

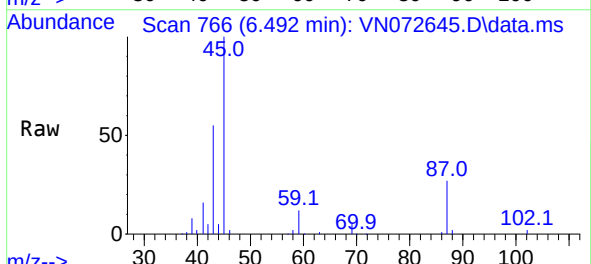
Manual Integrations

APPROVED

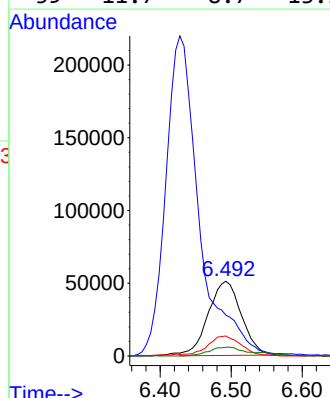
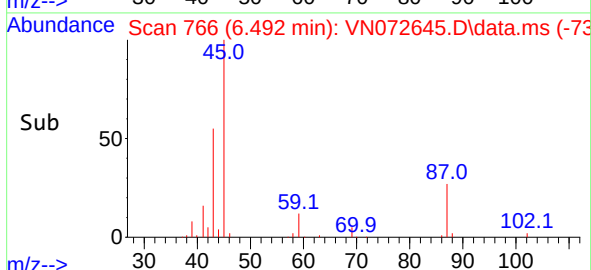
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

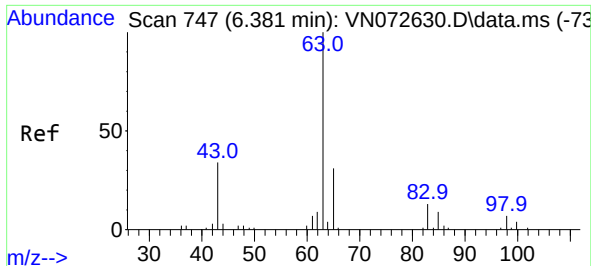


#20
Diisopropyl ether
Concen: 17.938 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion: 45 Resp: 164390
Ion Ratio Lower Upper
45 100
43 52.1 51.0 76.4
87 27.2 25.0 37.4
59 11.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.794 ug/l

RT: 6.387 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN072645.D

Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 87669

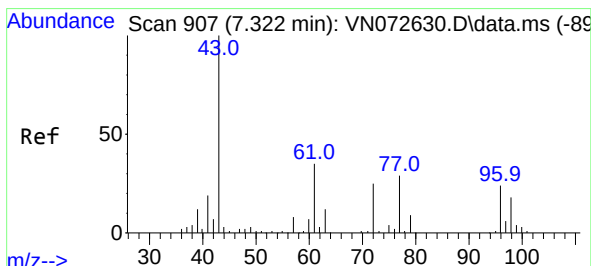
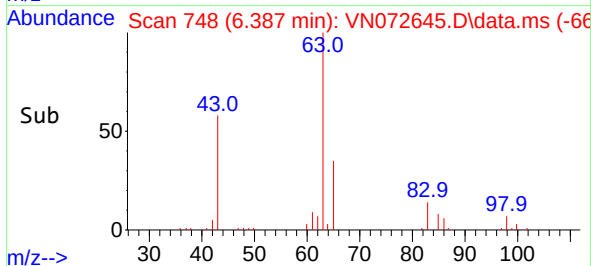
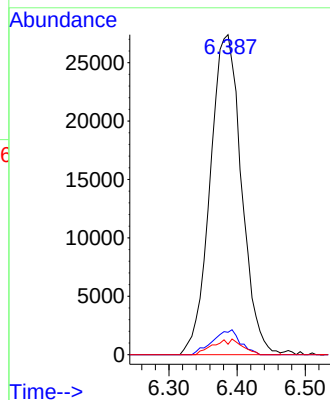
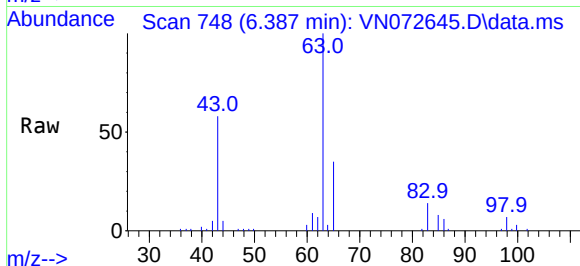
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.2	9.6
100	3.2	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#22

cis-1,2-Dichloroethene

Concen: 19.054 ug/l

RT: 7.322 min Scan# 907

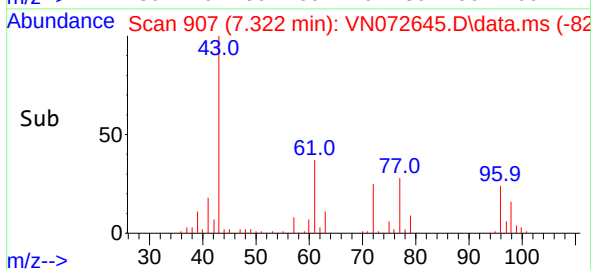
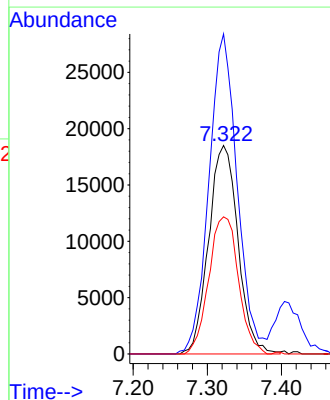
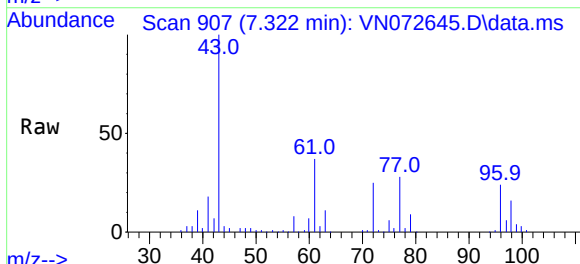
Delta R.T. 0.000 min

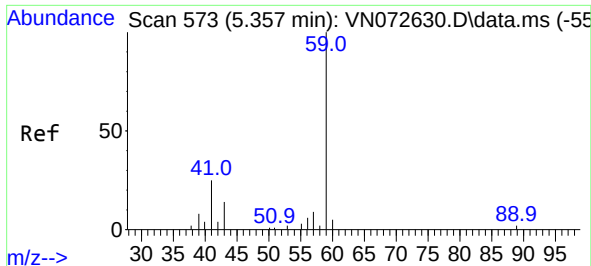
Lab File: VN072645.D

Acq: 26 May 2022 22:18

Tgt Ion: 96 Resp: 50922

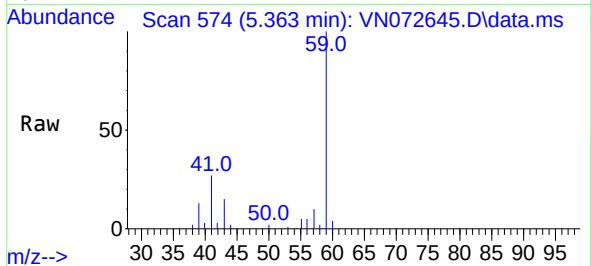
Ion	Ratio	Lower	Upper
96	100		
61	148.2	115.7	173.5
98	66.5	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 84.838 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

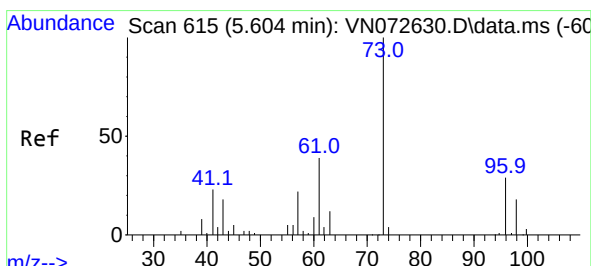
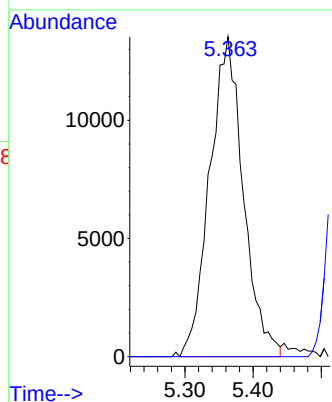
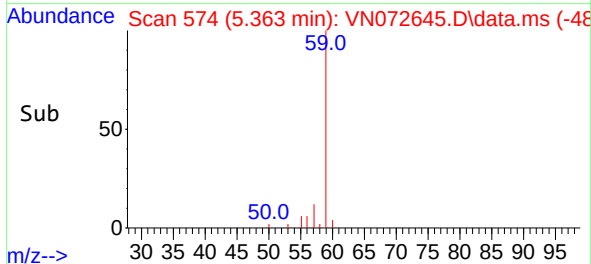
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



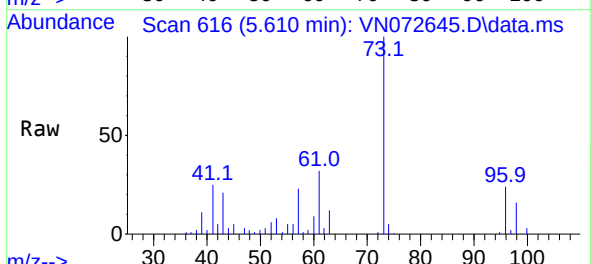
Tgt Ion: 59 Resp: 4631
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

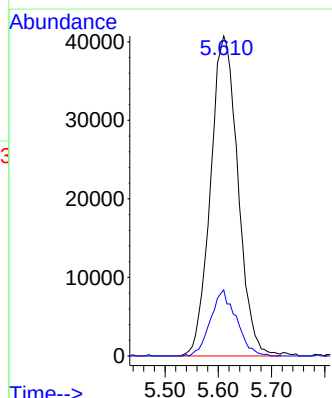
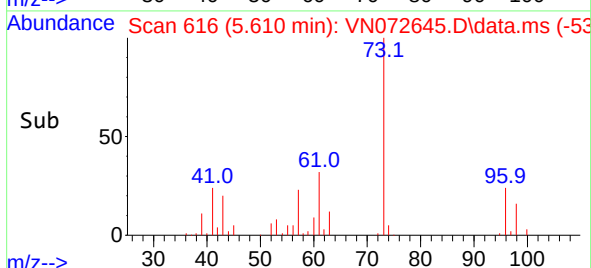
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

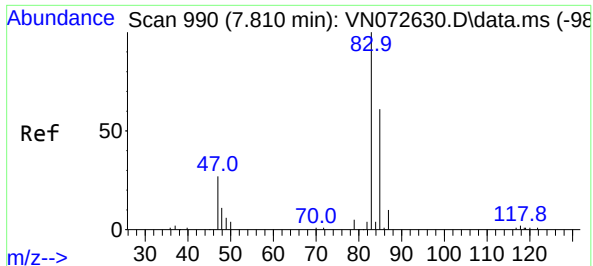


#24
Methyl tert-Butyl Ether
Concen: 19.724 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



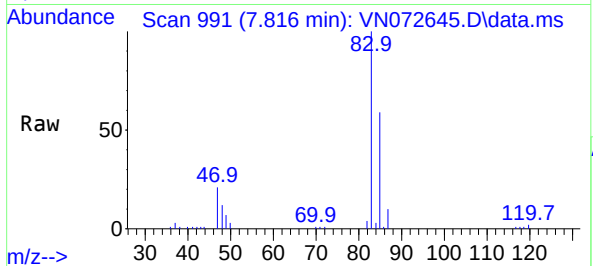
Tgt Ion: 73 Resp: 145778
Ion Ratio Lower Upper
73 100
43 19.4 18.1 27.1





#25
Chloroform
Concen: 18.708 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

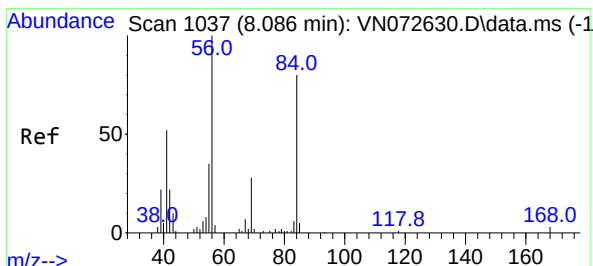
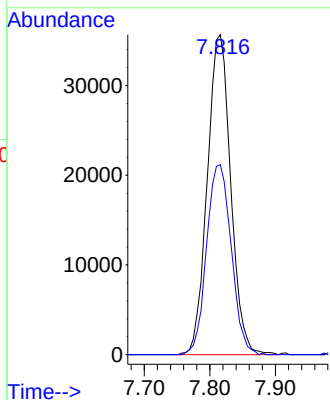
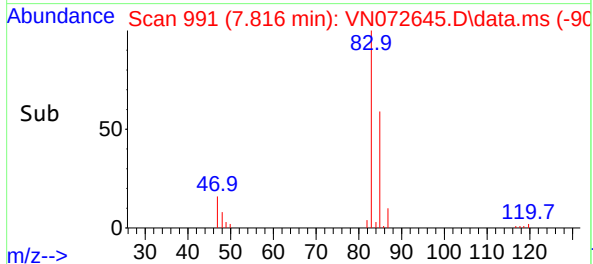
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



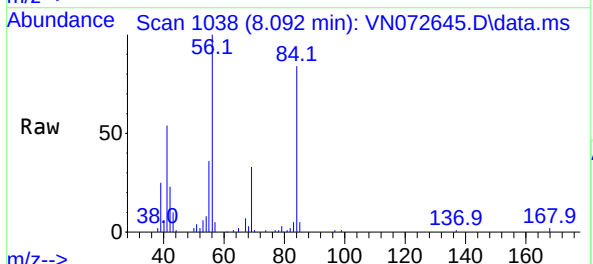
Tgt Ion: 83 Resp: 8866
Ion Ratio Lower Upper
83 100
85 59.4 51.3 76.9

Manual Integrations
APPROVED

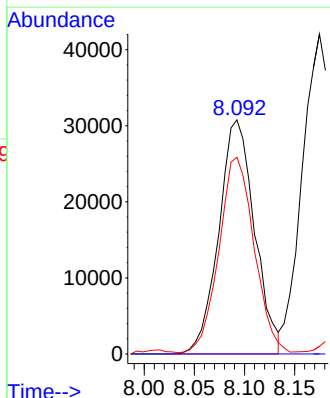
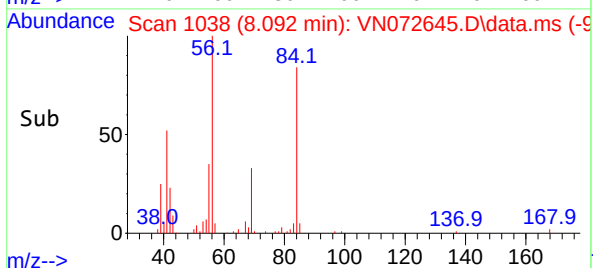
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

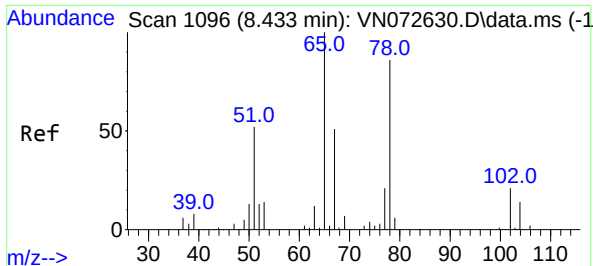


#26
Cyclohexane
Concen: 17.339 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



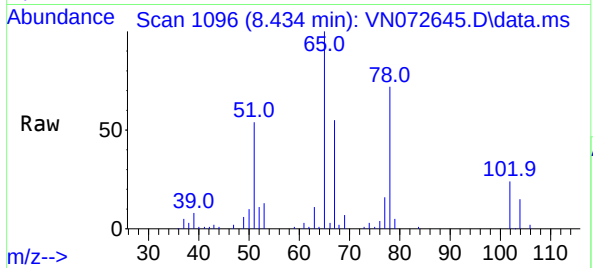
Tgt Ion: 56 Resp: 76284
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.585 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

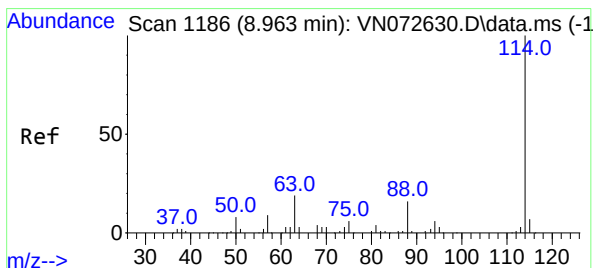
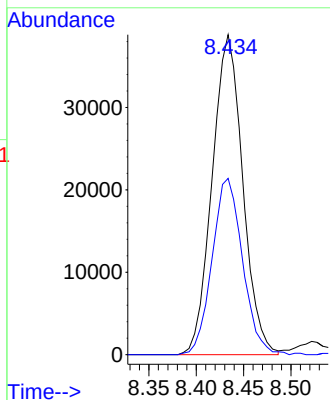
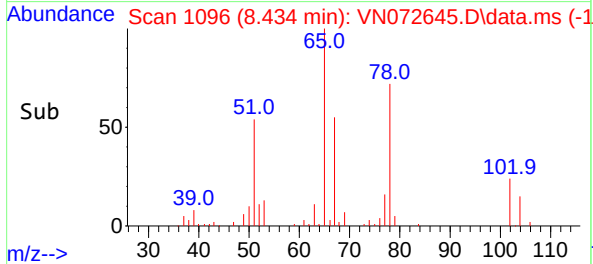
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



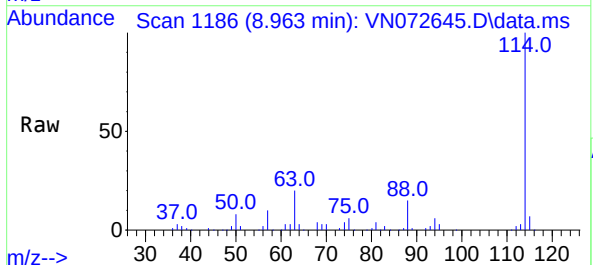
Tgt Ion: 65 Resp: 8738
Ion Ratio Lower Upper
65 100
67 54.6 40.2 60.2

Manual Integrations
APPROVED

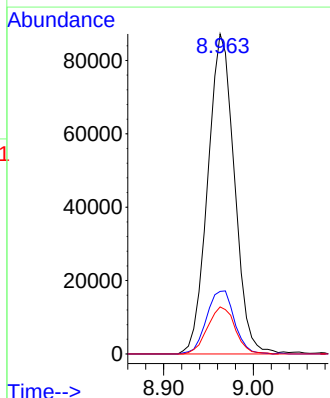
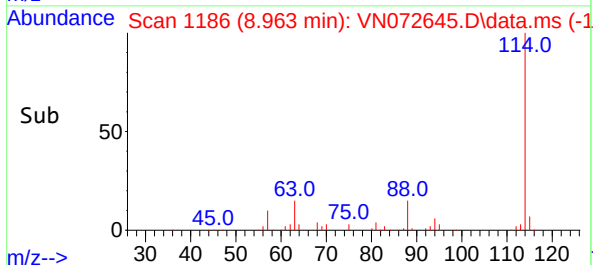
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

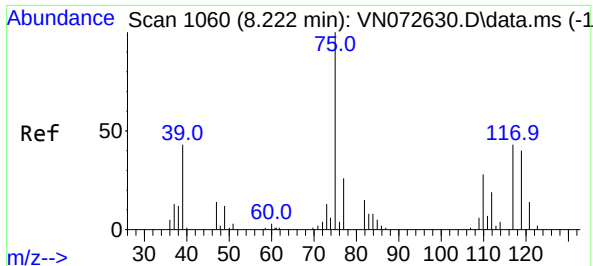


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion:114 Resp: 179660
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.034 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

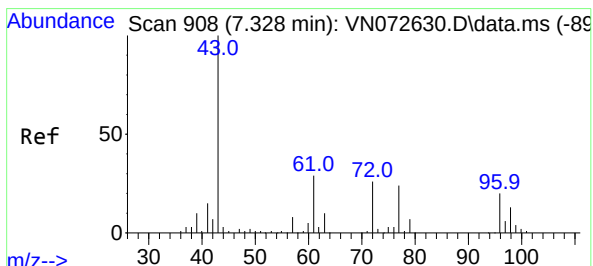
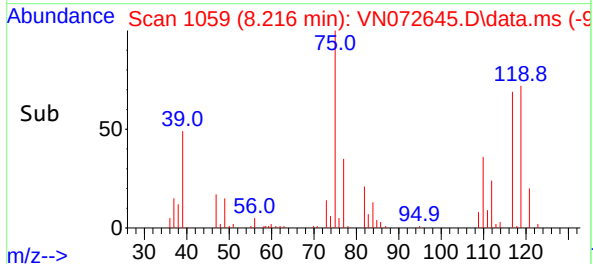
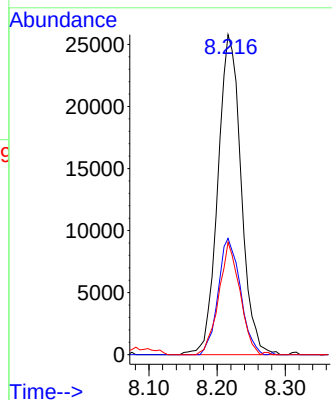
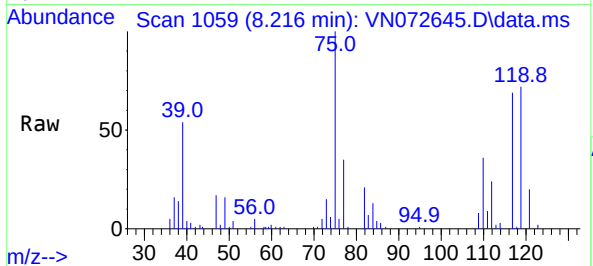
VSTDCCC020EC

Tgt Ion: 75 Resp: 61274
Ion Ratio Lower Upper
75 100
110 34.7 0.0 74.2
77 31.7 0.0 63.2

Manual Integrations

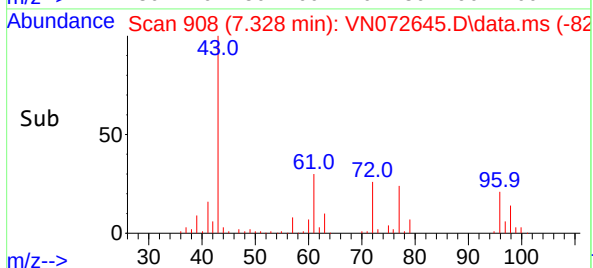
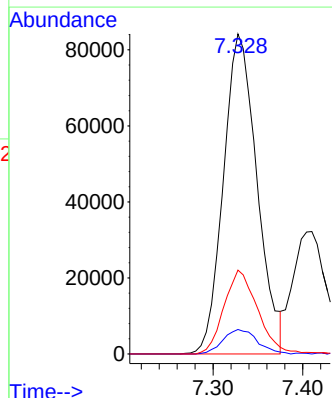
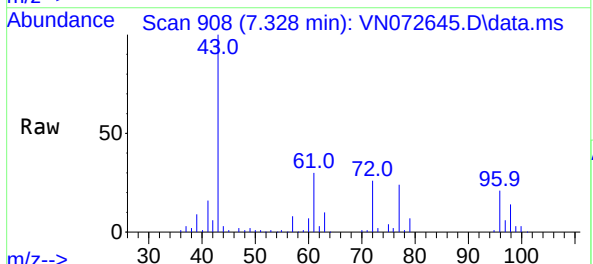
APPROVED

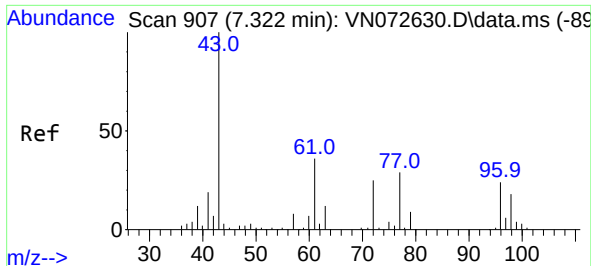
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 95.917 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

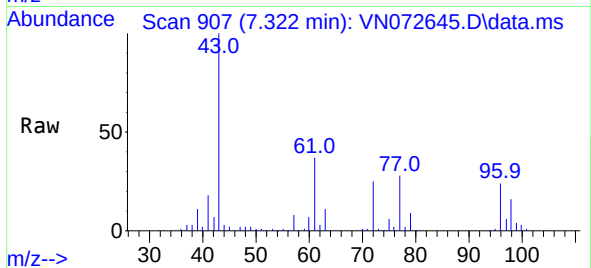
Tgt Ion: 43 Resp: 219451
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 26.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.729 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

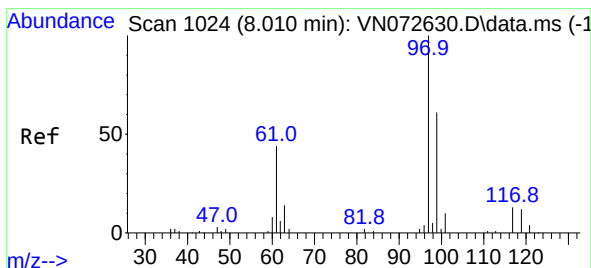
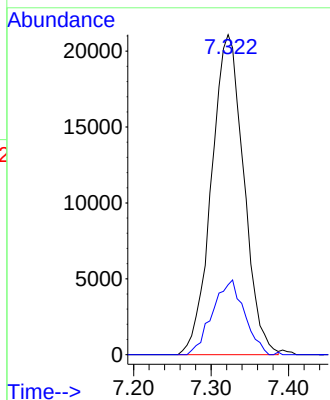
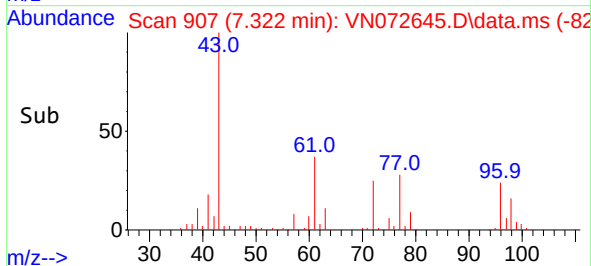
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



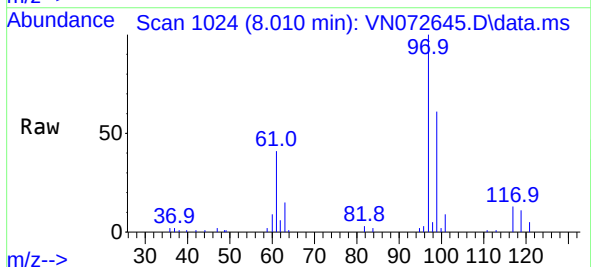
Tgt Ion: 77 Resp: 6100
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5

Manual Integrations
APPROVED

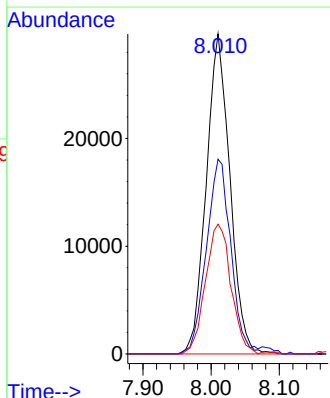
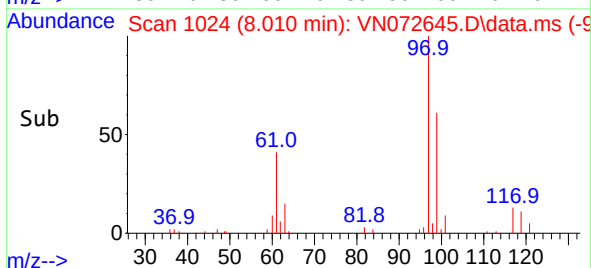
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

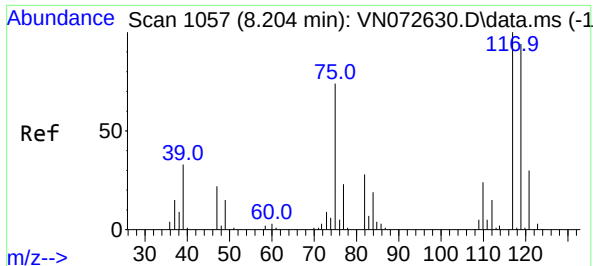


#32
1,1,1-Trichloroethane
Concen: 19.054 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



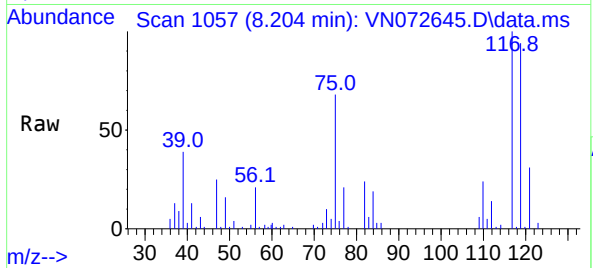
Tgt Ion: 97 Resp: 71819
Ion Ratio Lower Upper
97 100
99 62.9 50.4 75.6
61 43.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.367 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

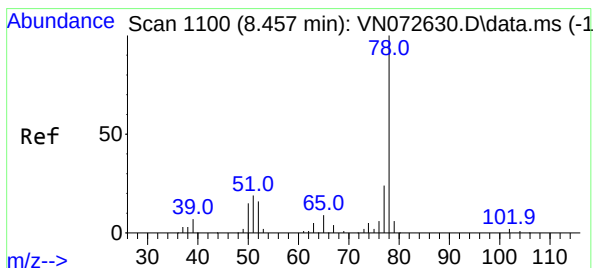
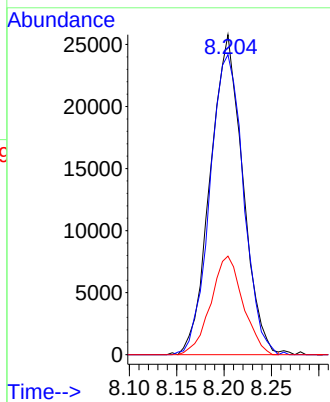
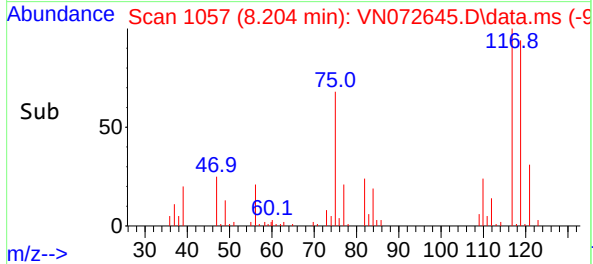
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



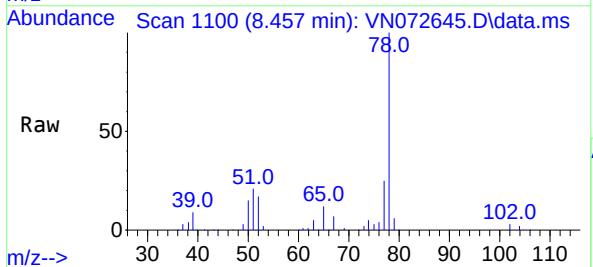
Tgt Ion:117 Resp: 61470
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3
121 30.8 23.5 35.3

Manual Integrations
APPROVED

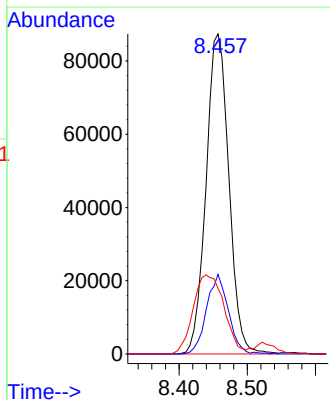
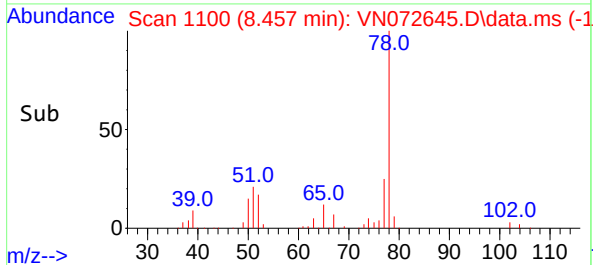
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

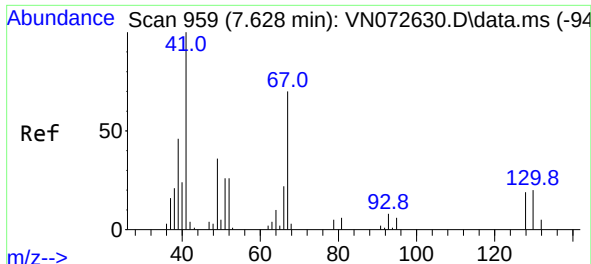


#34
Benzene
Concen: 19.075 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



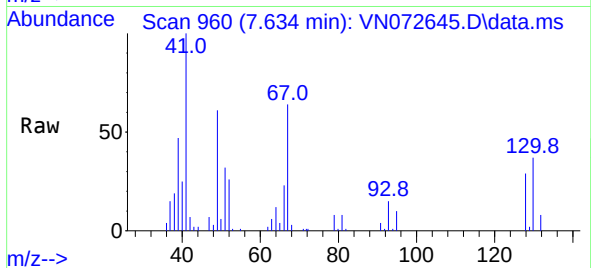
Tgt Ion: 78 Resp: 203739
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7
51 19.4 16.0 24.0





#35
Methacrylonitrile
Concen: 19.553 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

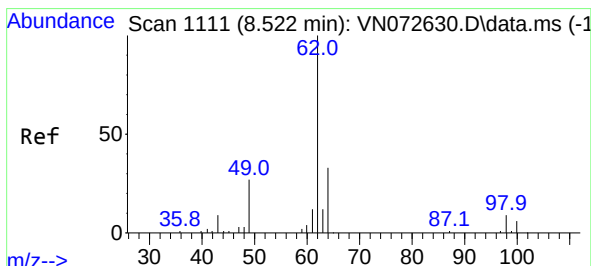
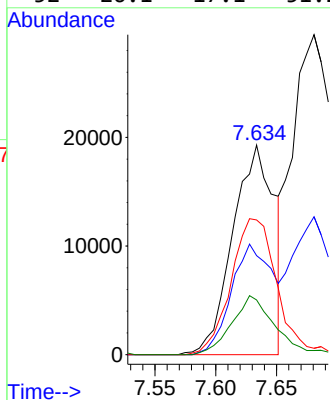
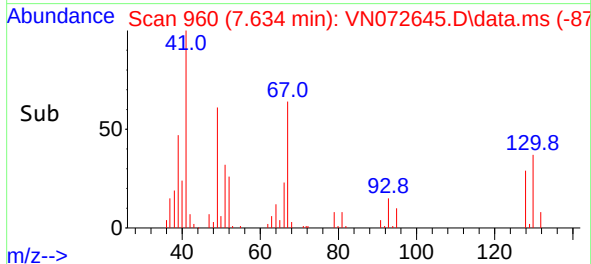
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



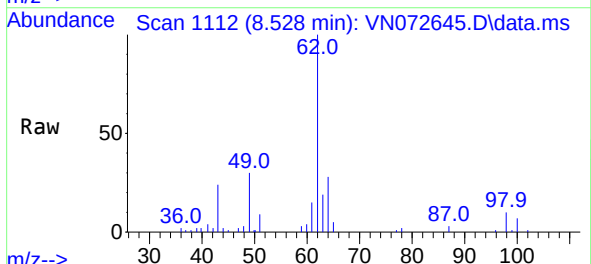
Tgt Ion: 41 Resp: 45632
Ion Ratio Lower Upper
41 100
39 47.3 28.0 83.9
67 64.3 37.7 113.1
52 26.1 17.1 51.2

Manual Integrations
APPROVED

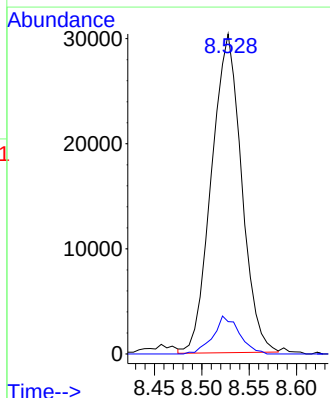
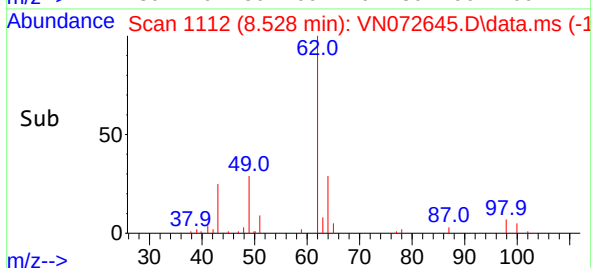
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

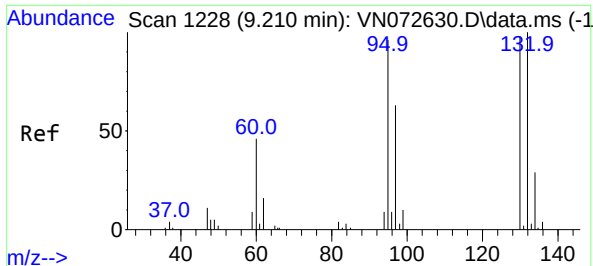


#36
1,2-Dichloroethane
Concen: 19.318 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



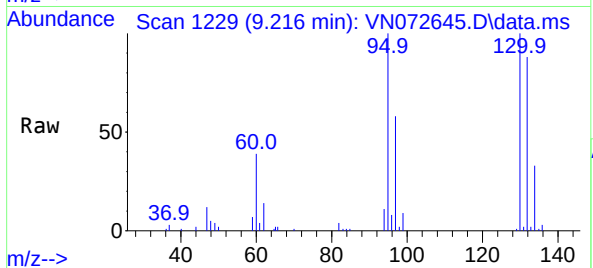
Tgt Ion: 62 Resp: 67046
Ion Ratio Lower Upper
62 100
98 10.4 6.6 10.0#





#37
Trichloroethene
Concen: 18.405 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

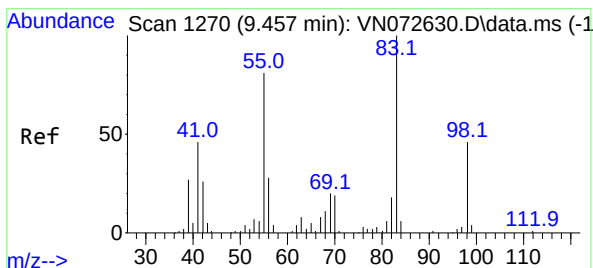
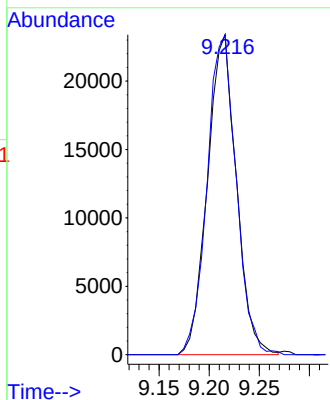
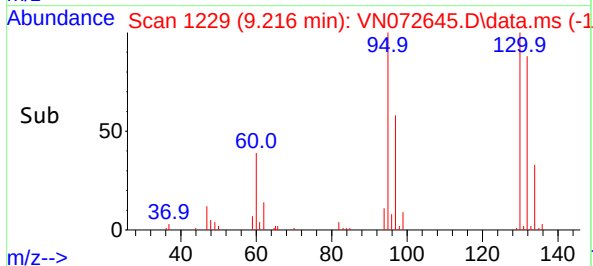
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



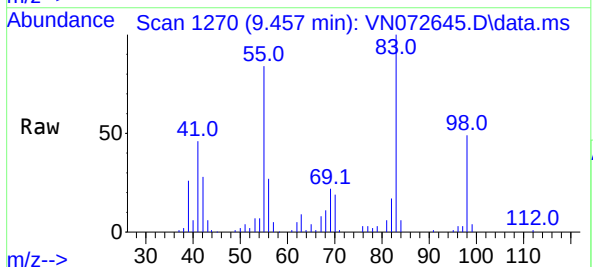
Tgt Ion:130 Resp: 4678
Ion Ratio Lower Upper
130 100
95 100.1 76.6 115.0

Manual Integrations
APPROVED

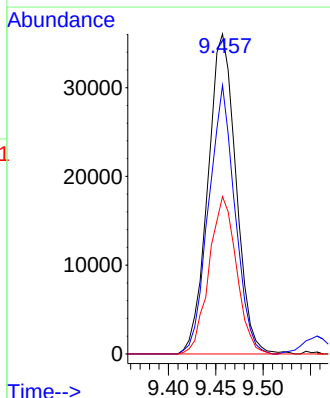
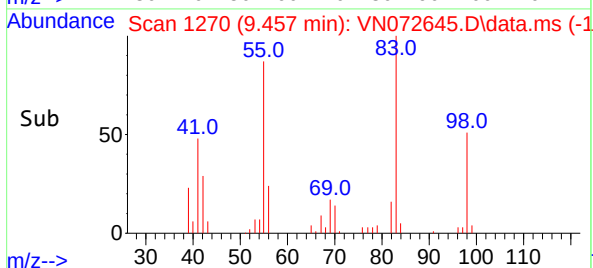
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

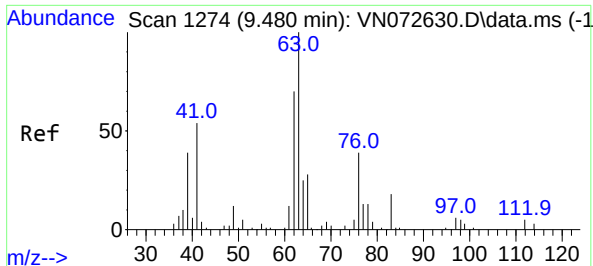


#38
Methylcyclohexane
Concen: 17.664 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion: 83 Resp: 74126
Ion Ratio Lower Upper
83 100
55 78.9 35.1 105.3
98 48.1 23.4 70.2





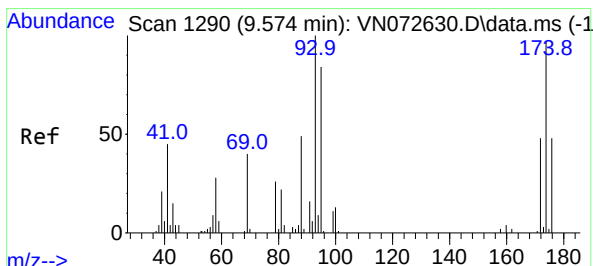
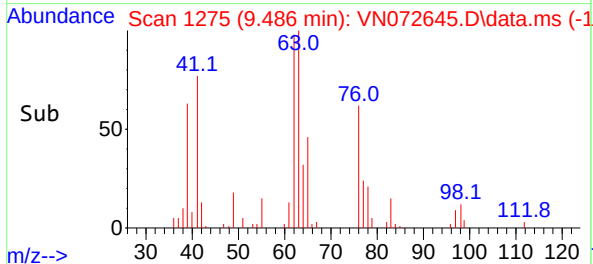
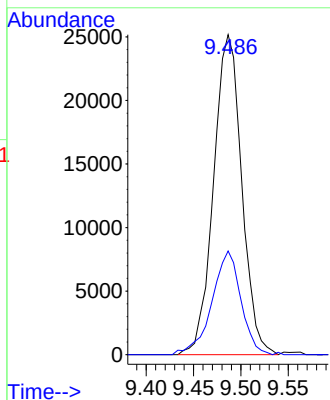
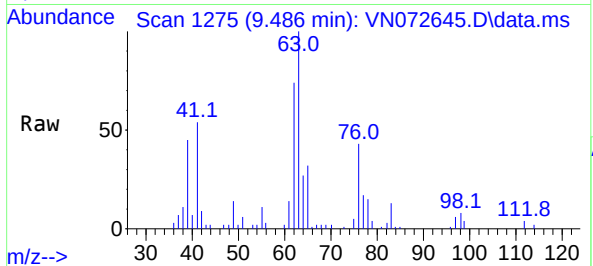
#39
1,2-Dichloropropane
Concen: 18.284 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 52070
Ion Ratio Lower Upper
63 100
65 31.6 24.2 36.4

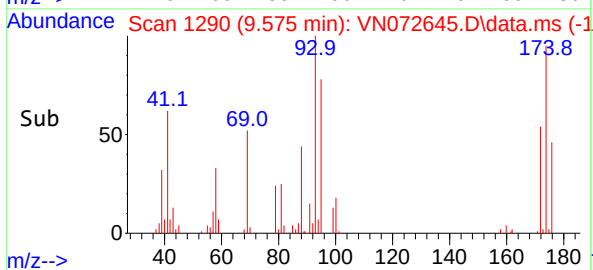
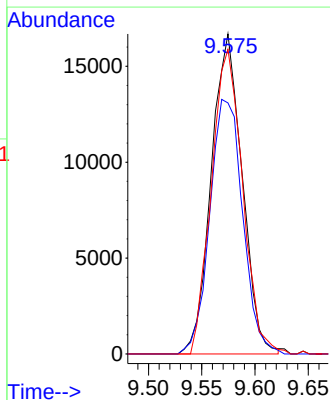
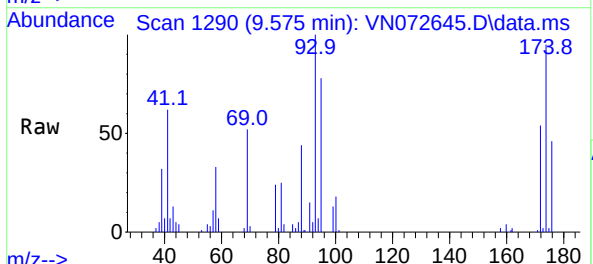
Manual Integrations
APPROVED

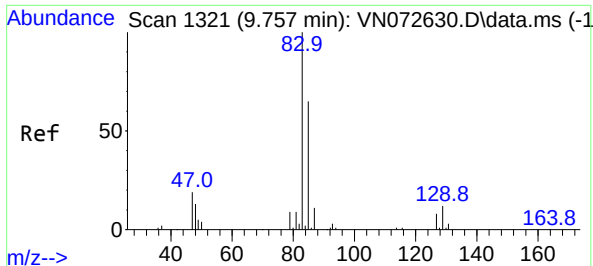
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Dibromomethane
Concen: 18.594 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

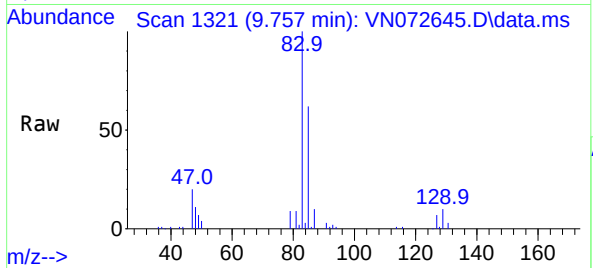
Tgt Ion: 93 Resp: 33583
Ion Ratio Lower Upper
93 100
95 84.8 0.0 168.8
174 96.3 0.0 173.6





#41
Bromodichloromethane
Concen: 18.482 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

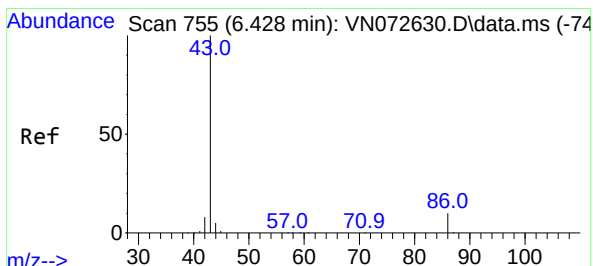
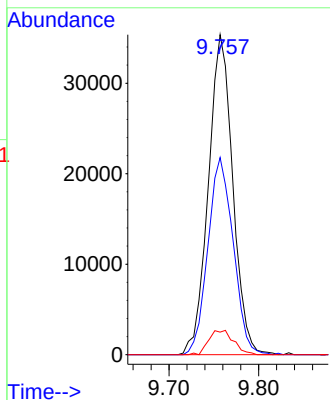
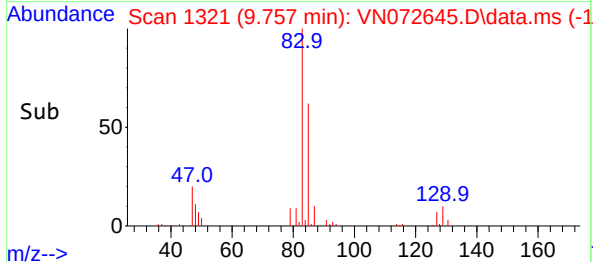
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



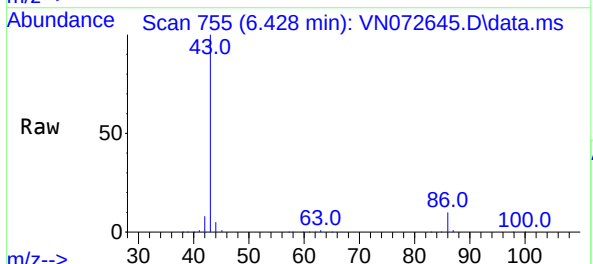
Tgt Ion: 83 Resp: 6691
Ion Ratio Lower Upper
83 100
85 61.6 54.1 81.1
127 7.1 7.6 11.4

Manual Integrations
APPROVED

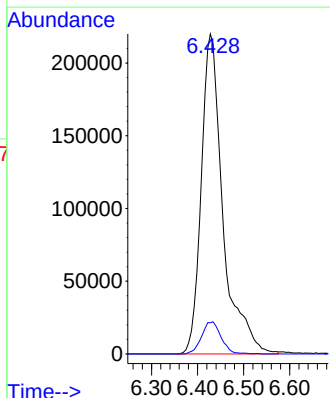
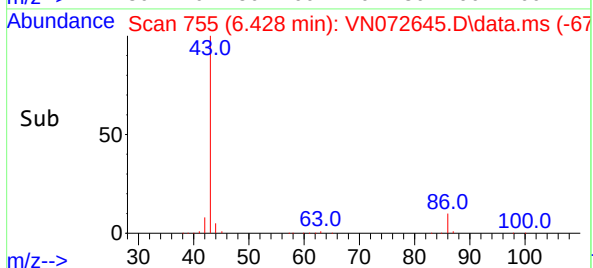
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

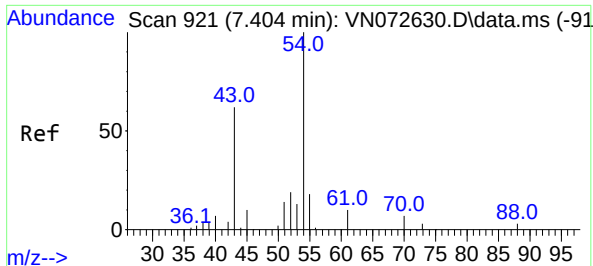


#42
Vinyl Acetate
Concen: 96.576 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



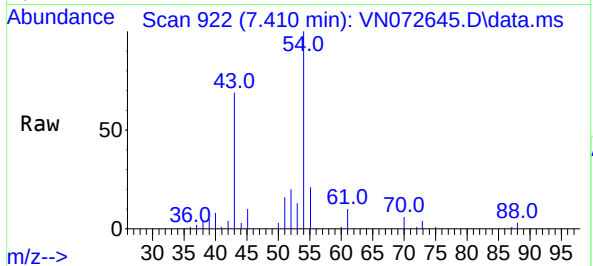
Tgt Ion: 43 Resp: 721157
Ion Ratio Lower Upper
43 100
86 9.0 7.5 11.3





#43
Ethyl Acetate
Concen: 20.099 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

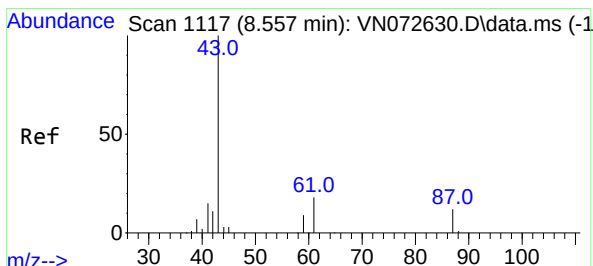
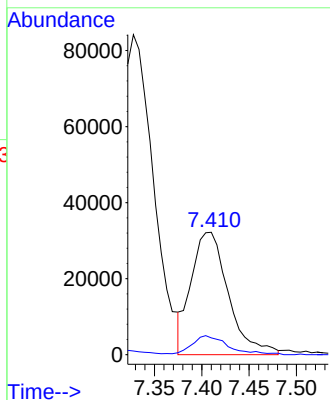
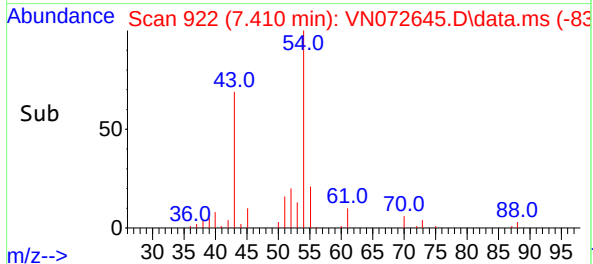
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



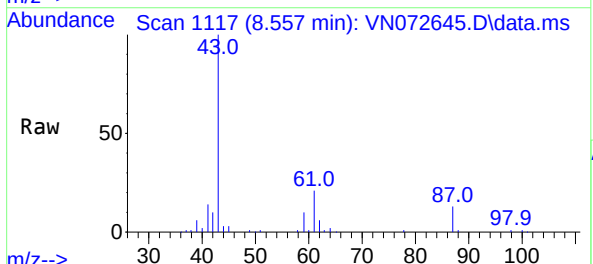
Tgt Ion: 43 Resp: 88184
Ion Ratio Lower Upper
43 100
45 14.6 10.6 16.0

Manual Integrations
APPROVED

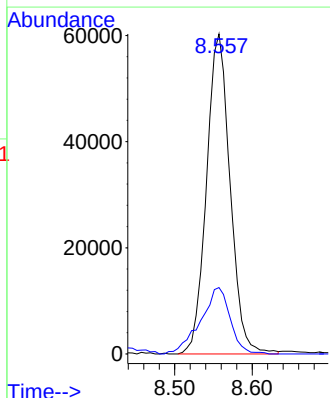
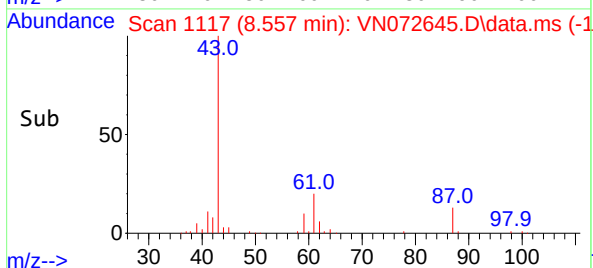
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

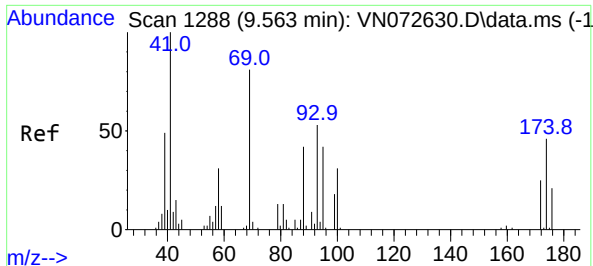


#44
Isopropyl Acetate
Concen: 18.660 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



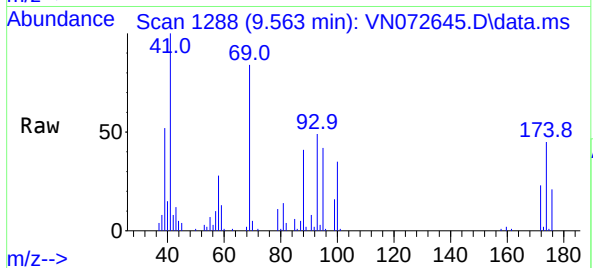
Tgt Ion: 43 Resp: 127561
Ion Ratio Lower Upper
43 100
61 25.9 20.1 30.1





#45
1,4-Dioxane
Concen: 364.573 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

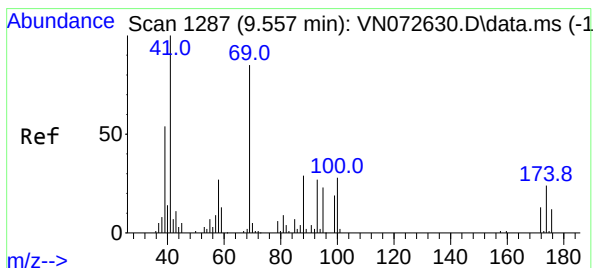
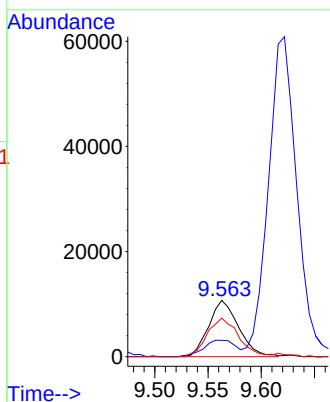
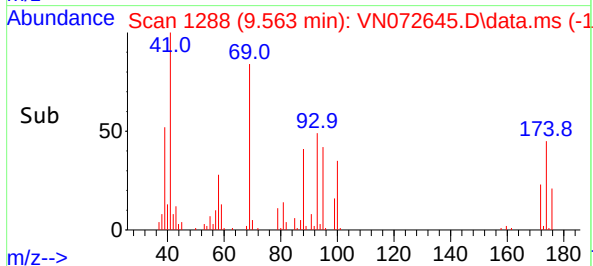
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



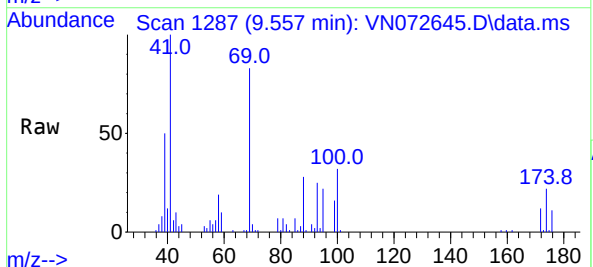
Tgt Ion: 88 Resp: 20890
Ion Ratio Lower Upper
88 100
43 30.9 25.0 37.6
58 71.8 49.4 74.2

Manual Integrations
APPROVED

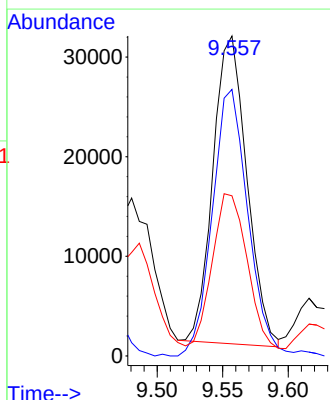
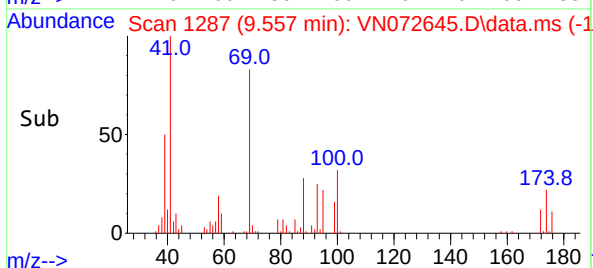
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

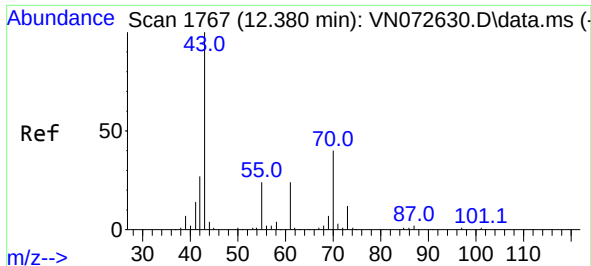


#46
Methyl methacrylate
Concen: 17.214 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion: 41 Resp: 55445
Ion Ratio Lower Upper
41 100
69 87.6 44.4 133.2
39 50.1 39.9 119.6





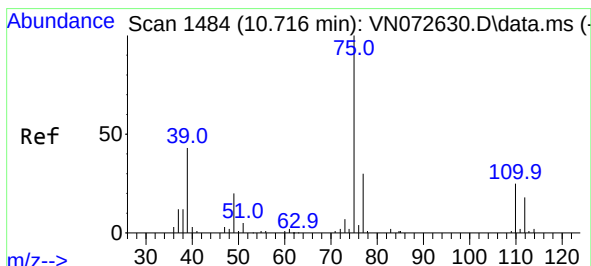
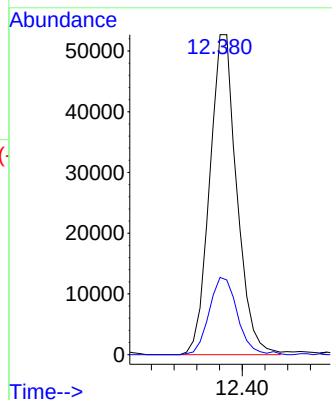
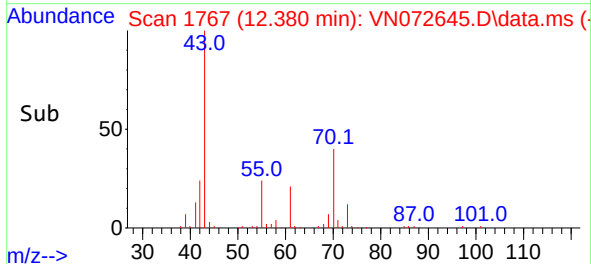
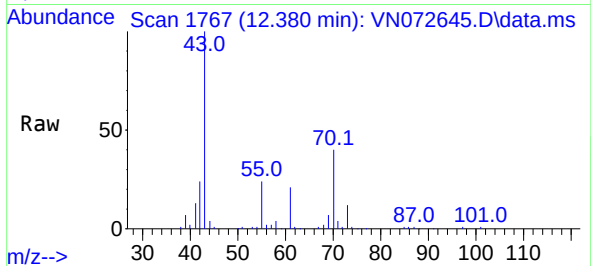
#47
n-amyl acetate
Concen: 17.571 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 8751
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.6

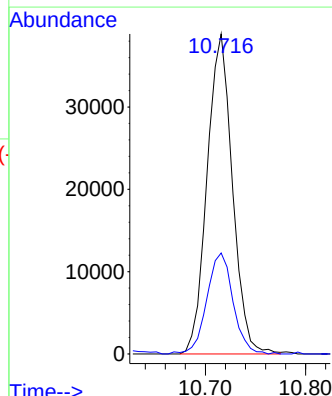
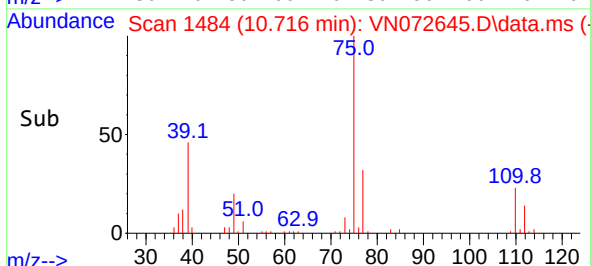
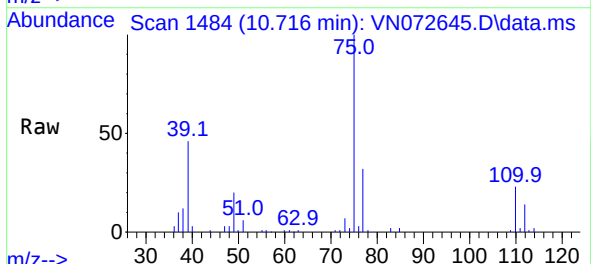
Manual Integrations
APPROVED

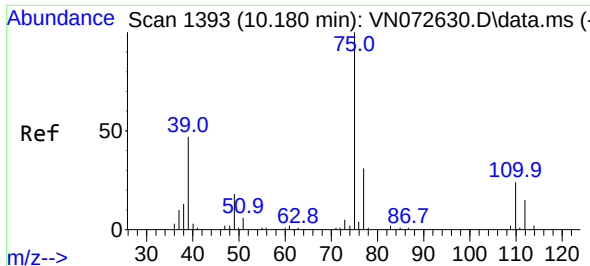
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#48
t-1,3-Dichloropropene
Concen: 17.467 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion: 75 Resp: 68304
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





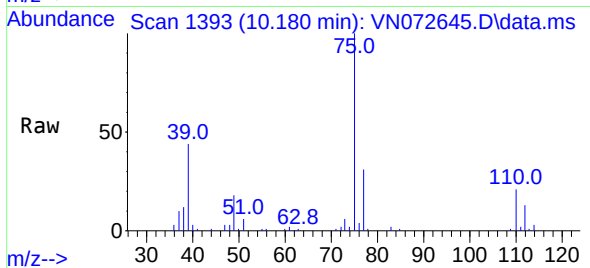
#49
cis-1,3-Dichloropropene
Concen: 18.299 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

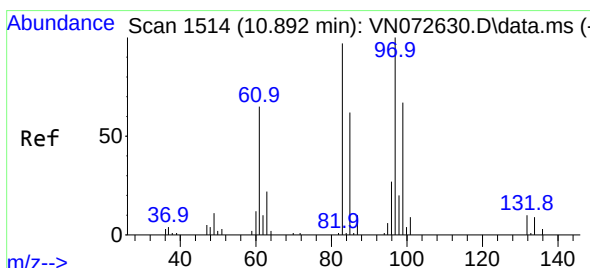
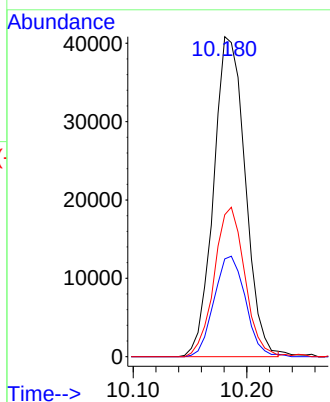
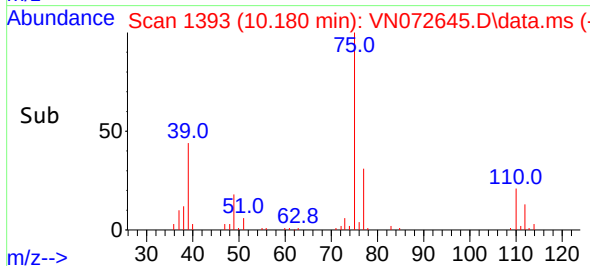


Tgt Ion: 75 Resp: 7884
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 44.3 46.2 69.4

Manual Integrations

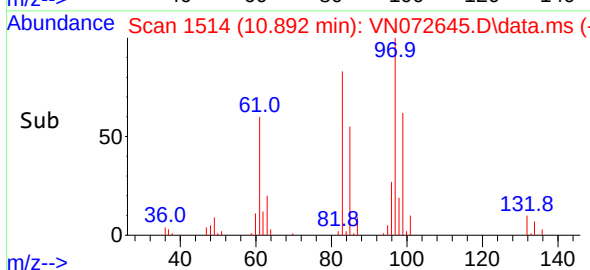
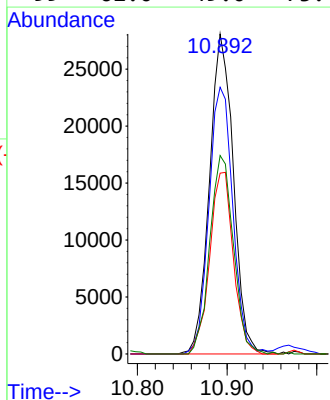
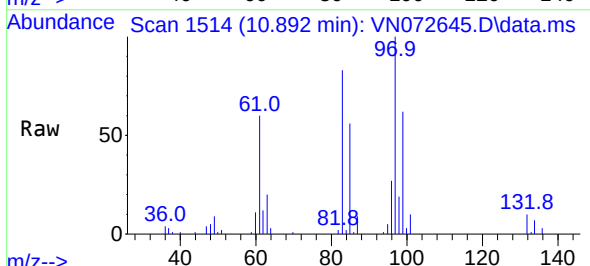
APPROVED

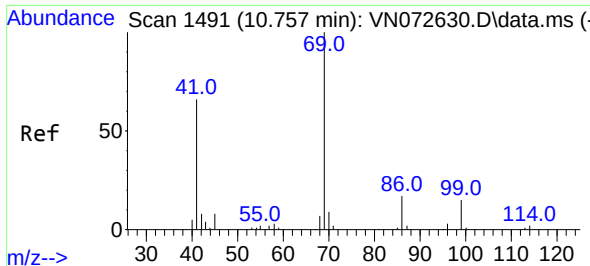
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
1,1,2-Trichloroethane
Concen: 19.522 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

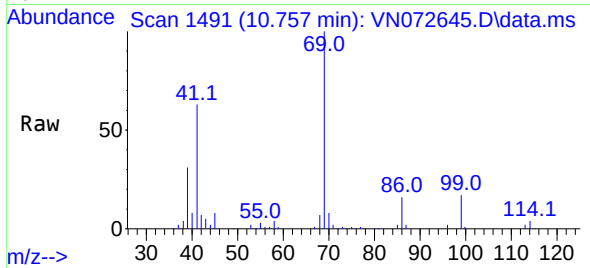
Tgt Ion: 97 Resp: 51832
Ion Ratio Lower Upper
97 100
83 83.4 67.2 100.8
85 56.5 43.0 64.4
99 62.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.917 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

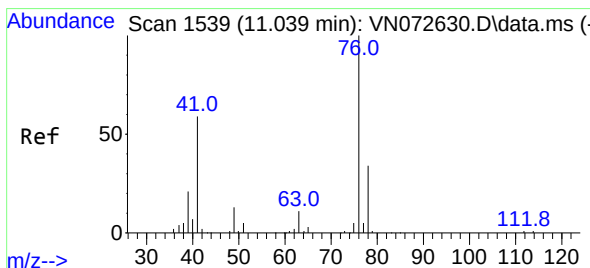
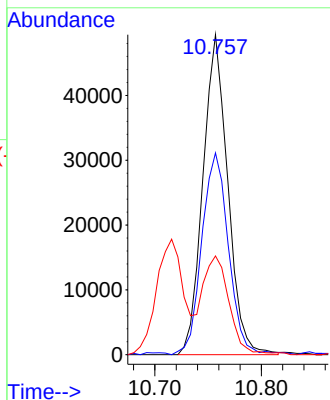
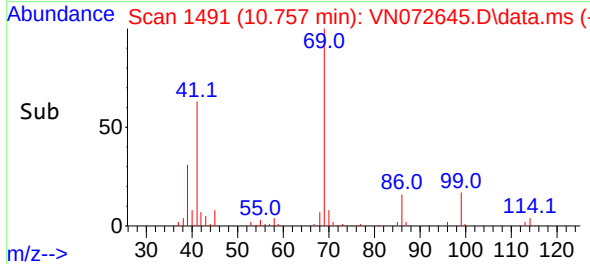
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



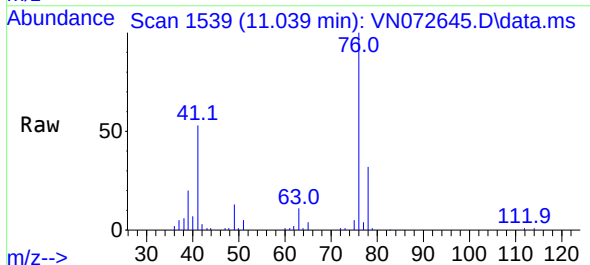
Tgt Ion: 69 Resp: 80208
Ion Ratio Lower Upper
69 100
41 62.4 33.0 98.9
39 30.3 25.4 76.4

Manual Integrations
APPROVED

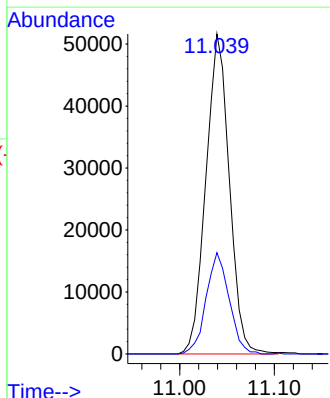
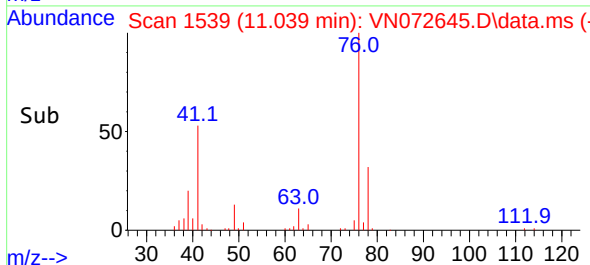
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

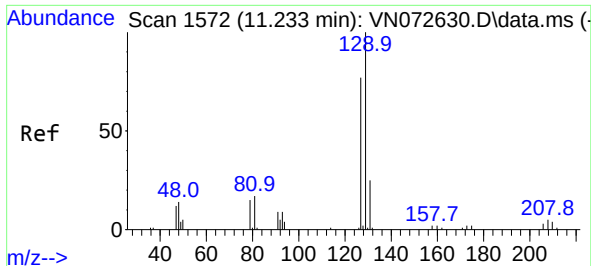


#52
1,3-Dichloropropane
Concen: 18.954 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



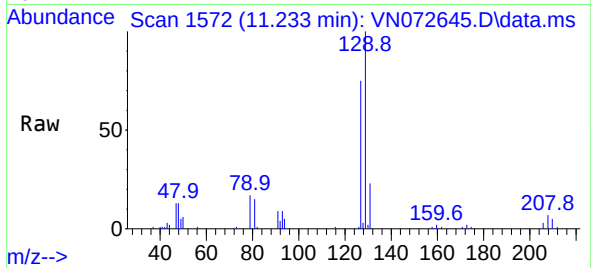
Tgt Ion: 76 Resp: 88738
Ion Ratio Lower Upper
76 100
78 30.9 0.0 65.4





#53
Dibromochloromethane
Concen: 18.405 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

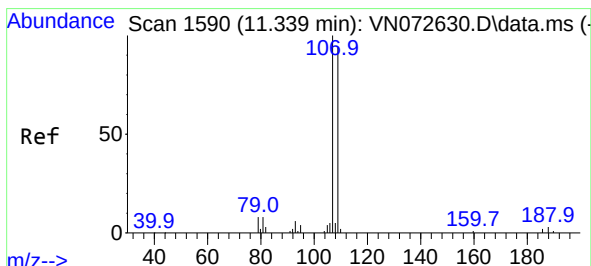
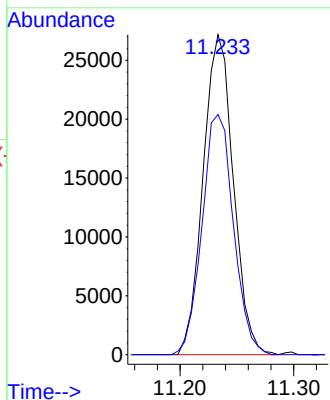
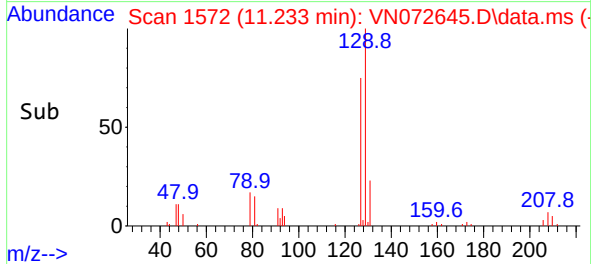
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



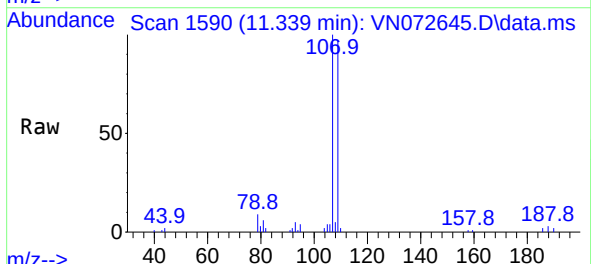
Tgt Ion:129 Resp: 50240
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

Manual Integrations
APPROVED

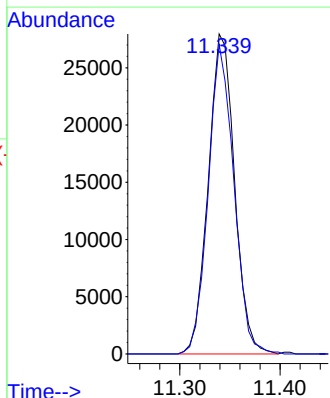
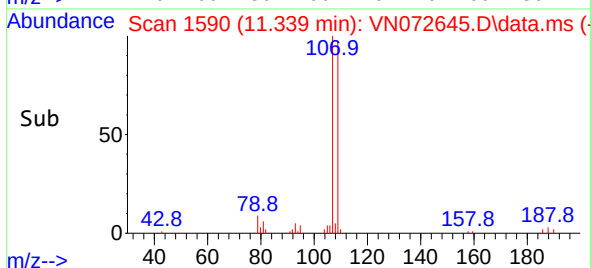
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

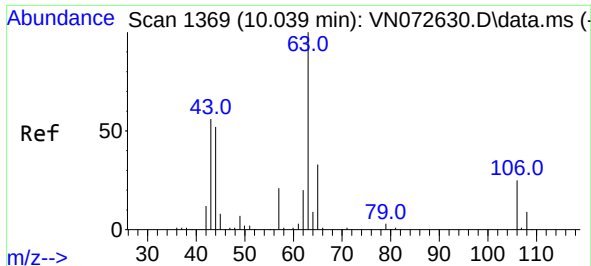


#54
1,2-Dibromoethane
Concen: 18.680 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion:107 Resp: 50926
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





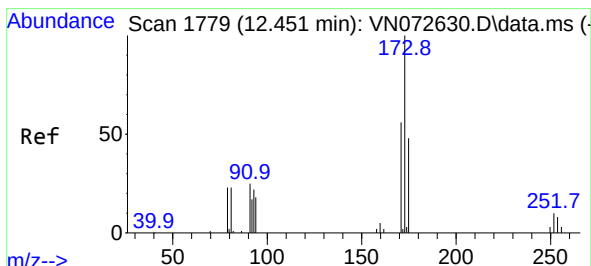
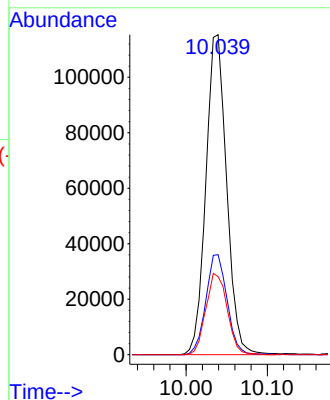
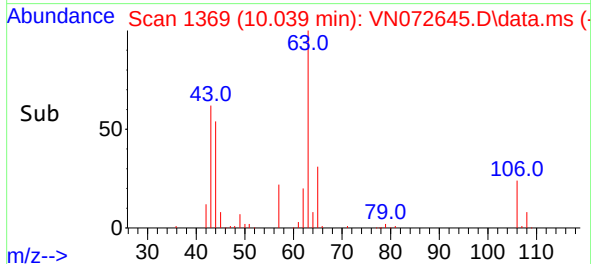
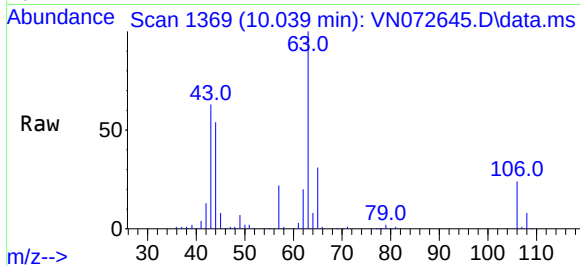
#55
2-Chloroethyl vinyl ether
Concen: 104.716 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 205059
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 26.2 23.2 34.8

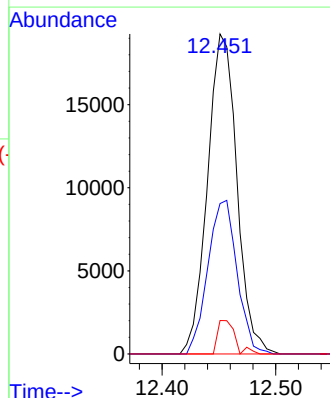
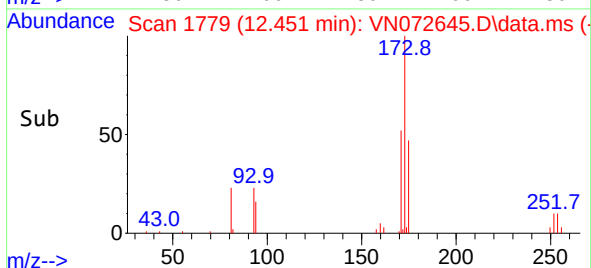
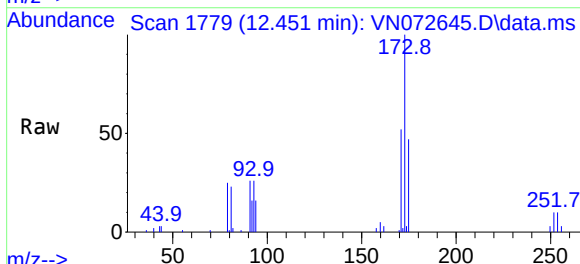
Manual Integrations
APPROVED

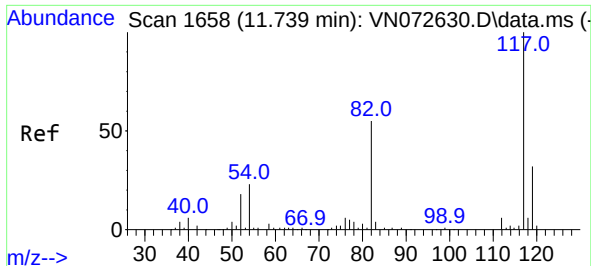
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 17.572 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion:173 Resp: 34628
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 5.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 11707
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

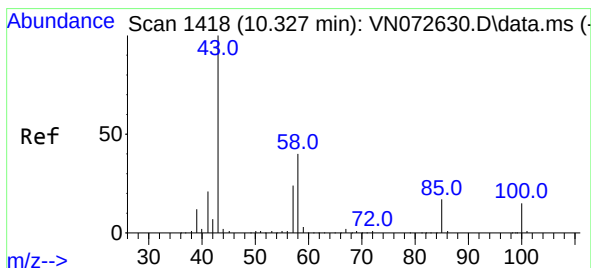
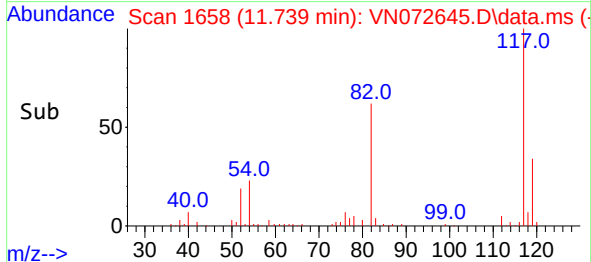
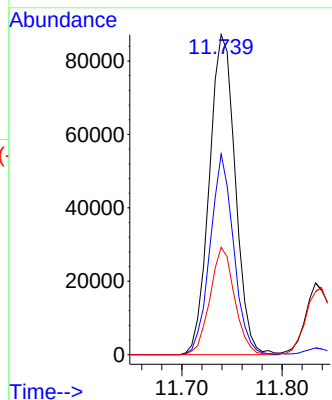
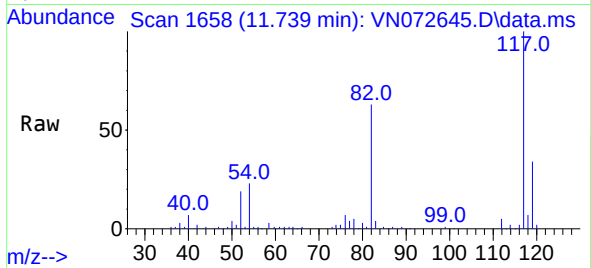
VSTDCCC020EC

Tgt Ion:117 Resp: 15707
Ion Ratio Lower Upper
117 100
82 56.9 43.6 65.4
119 31.8 25.8 38.6

Manual Integrations

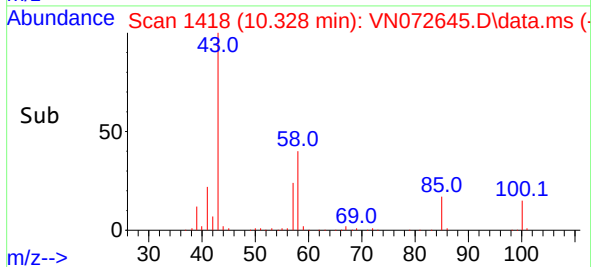
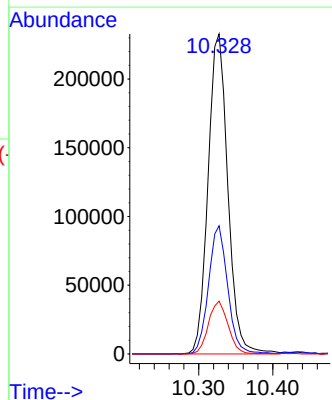
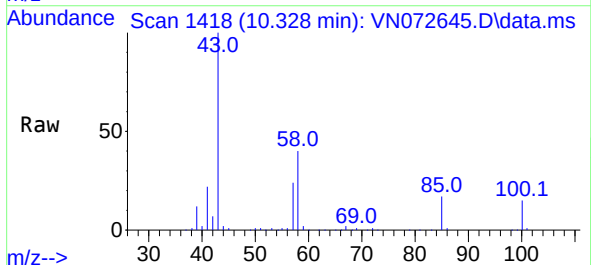
APPROVED

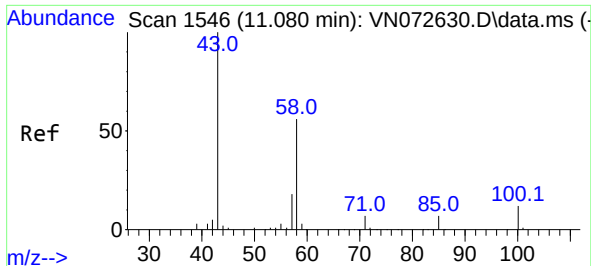
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
4-Methyl-2-Pentanone
Concen: 95.178 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion: 43 Resp: 431819
Ion Ratio Lower Upper
43 100
58 38.9 30.0 45.0
85 16.3 15.0 22.6





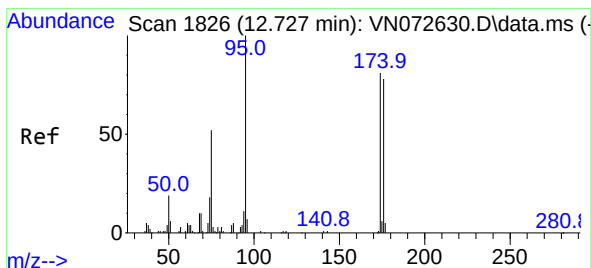
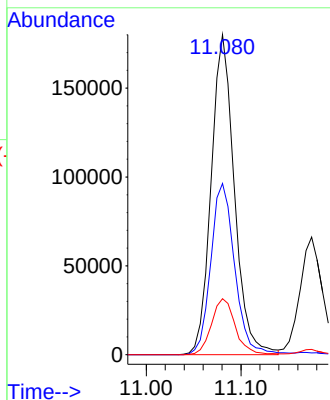
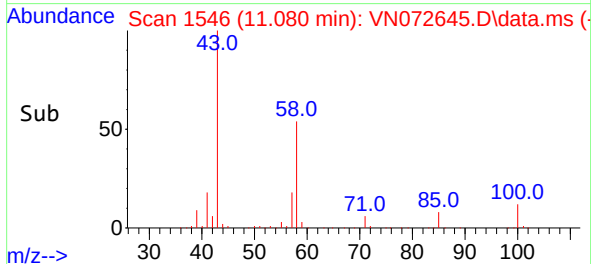
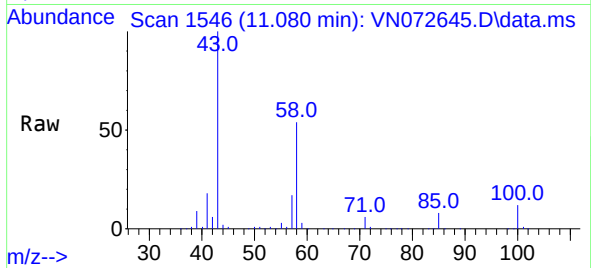
#59
2-Hexanone
Concen: 94.984 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 307330
Ion Ratio Lower Upper
43 100
58 55.2 42.2 63.2
57 17.9 15.0 22.4

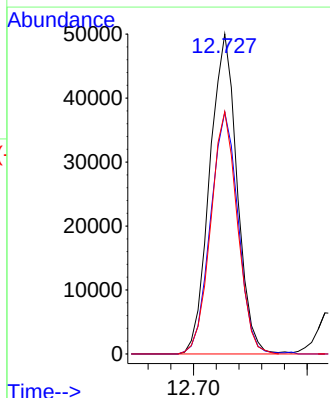
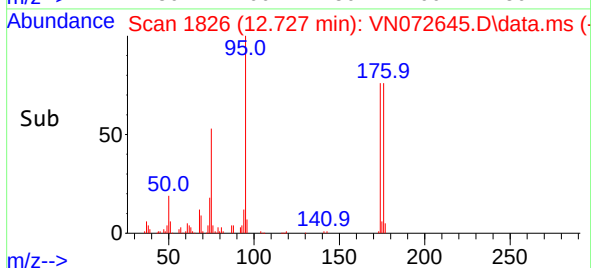
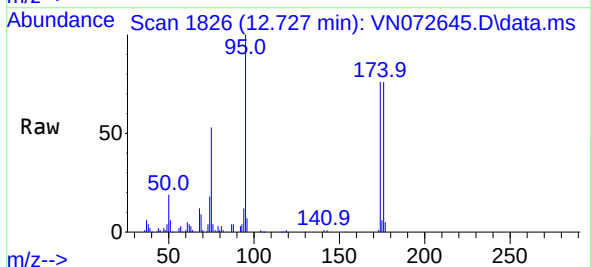
Manual Integrations
APPROVED

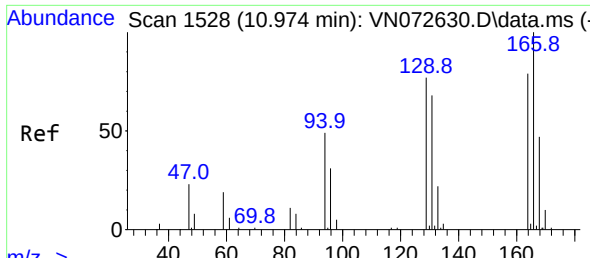
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
4-Bromofluorobenzene
Concen: 30.318 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

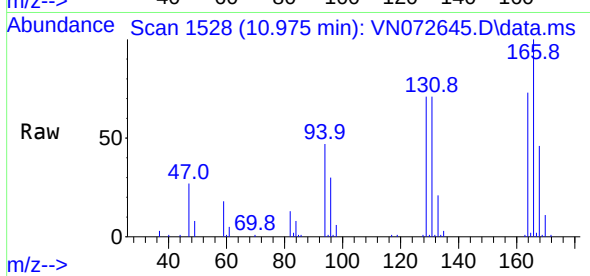
Tgt Ion: 95 Resp: 83630
Ion Ratio Lower Upper
95 100
174 76.1 62.9 94.3
176 73.9 61.0 91.4





#61
Tetrachloroethene
Concen: 19.675 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

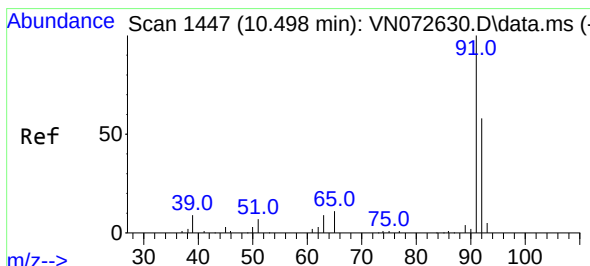
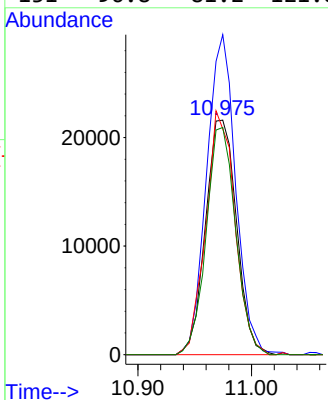
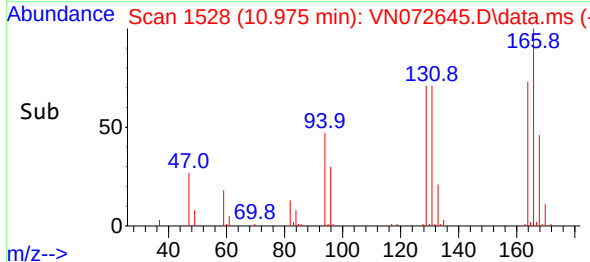
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



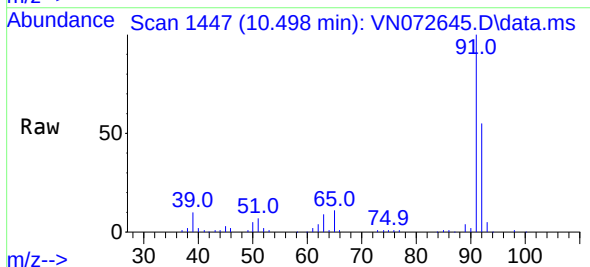
Tgt Ion:164 Resp: 40900
Ion Ratio Lower Upper
164 100
166 136.4 105.8 158.8
129 96.3 82.5 123.7
131 96.8 81.2 121.8

Manual Integrations
APPROVED

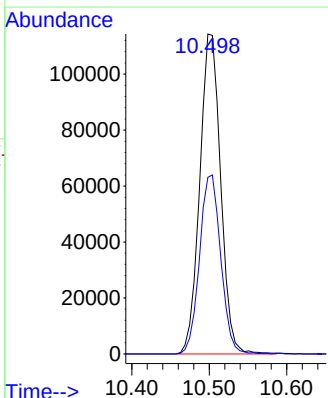
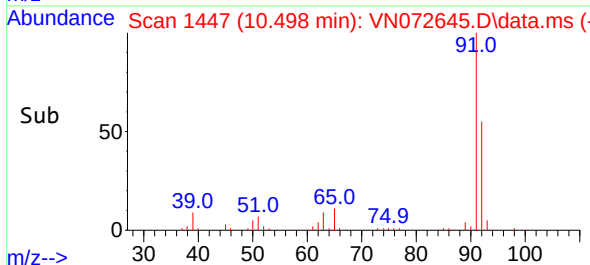
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

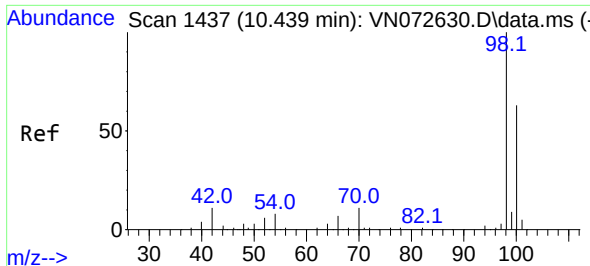


#62
Toluene
Concen: 19.431 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



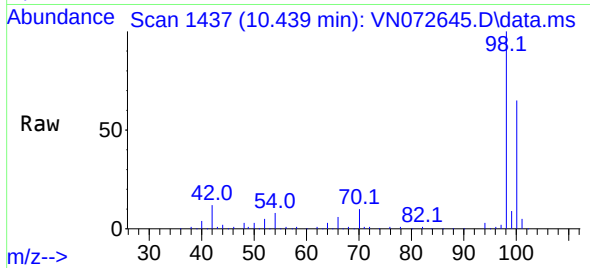
Tgt Ion: 91 Resp: 214259
Ion Ratio Lower Upper
91 100
92 56.6 44.6 67.0





#63
Toluene-d8
Concen: 31.226 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

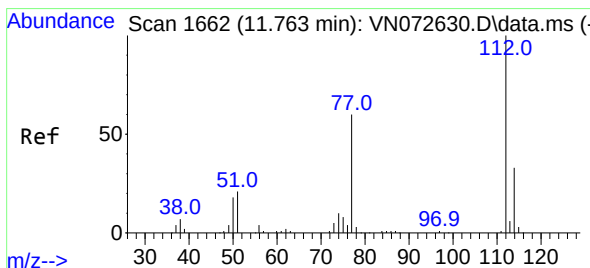
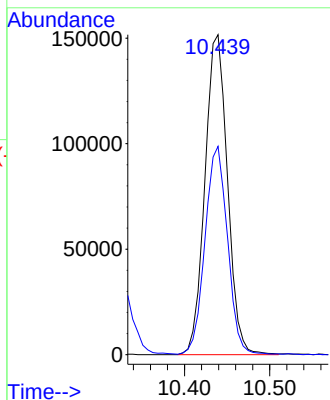
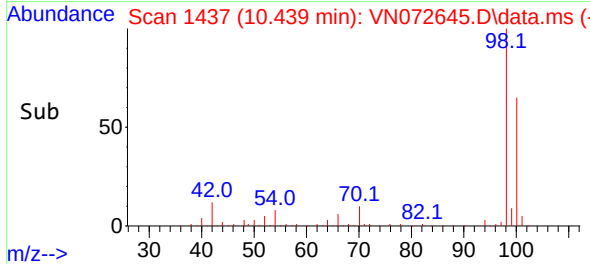
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



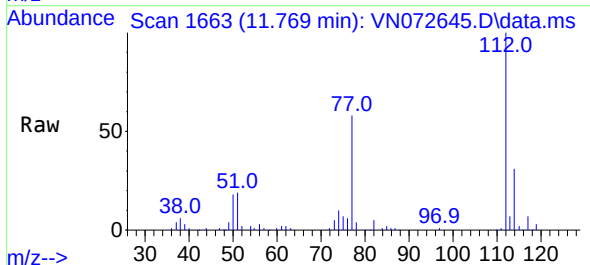
Tgt Ion: 98 Resp: 278884
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

Manual Integrations
APPROVED

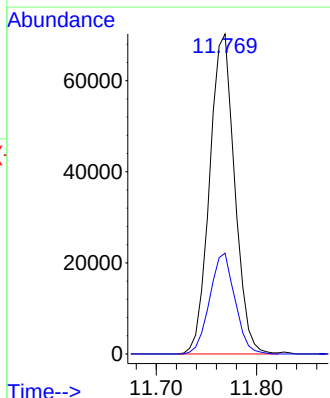
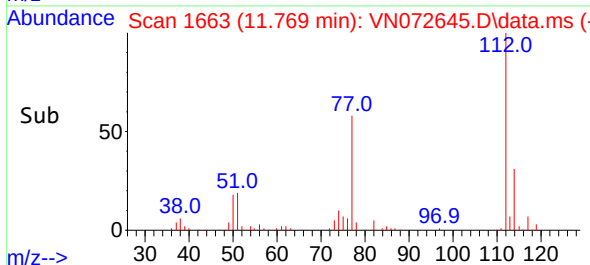
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

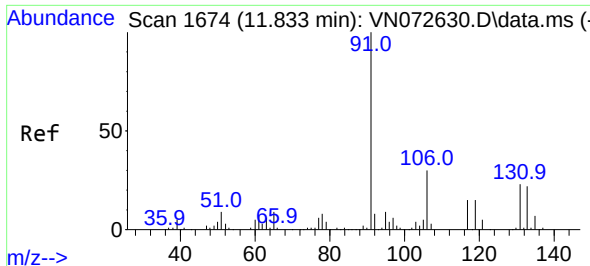


#64
Chlorobenzene
Concen: 19.036 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



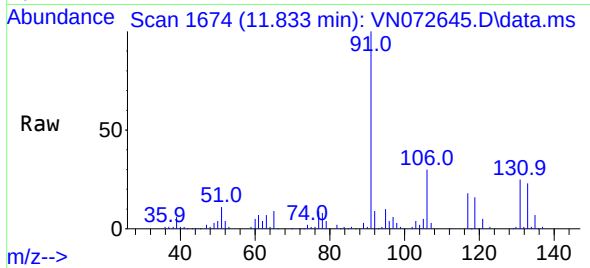
Tgt Ion:112 Resp: 121969
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.744 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

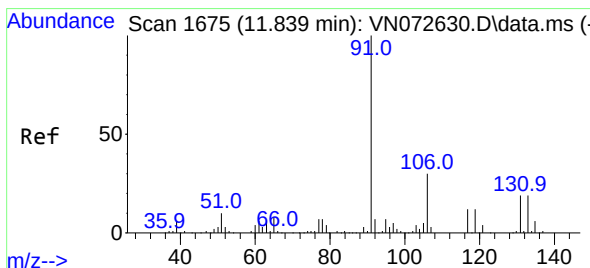
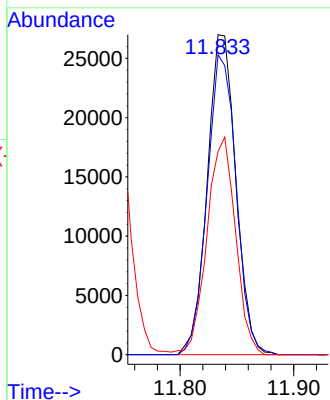
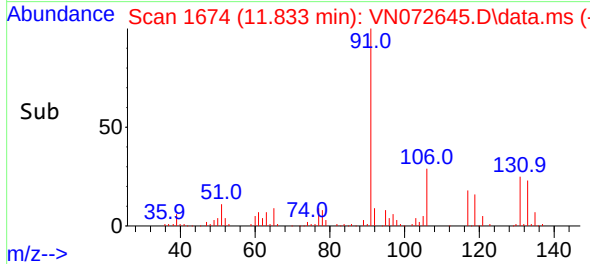
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 4729
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.2
119 67.9 0.0 128.8

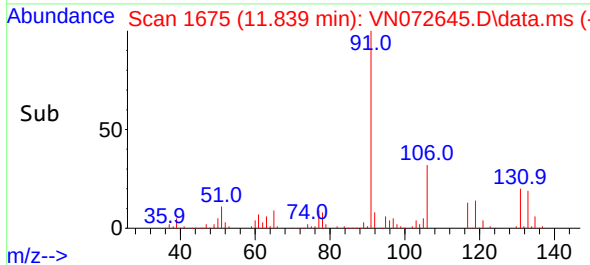
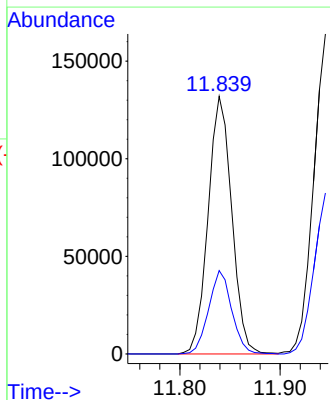
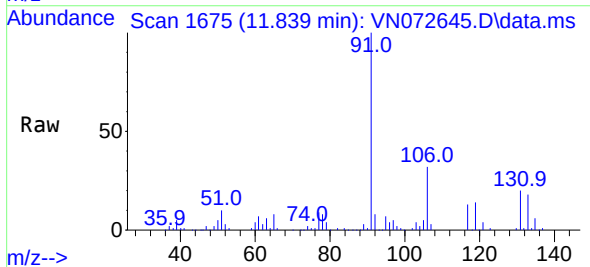
Manual Integrations
APPROVED

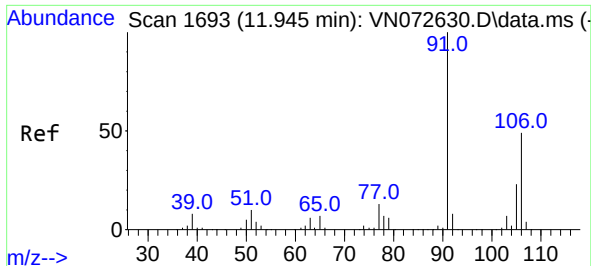
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
Ethyl Benzene
Concen: 17.801 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion: 91 Resp: 216523
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0





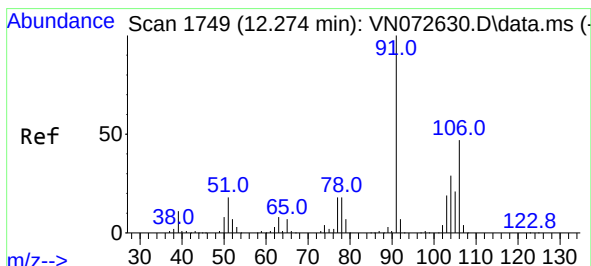
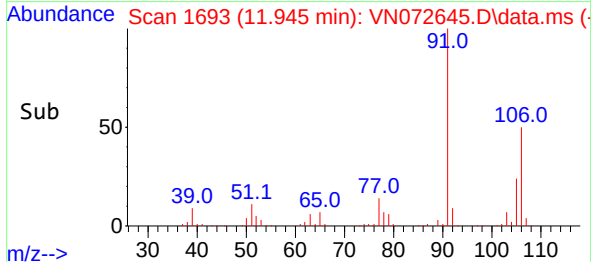
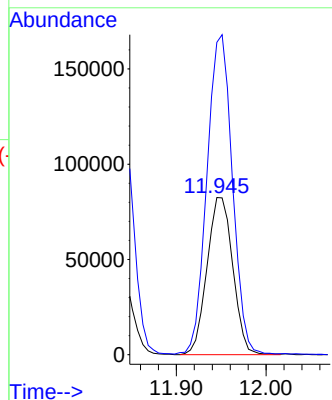
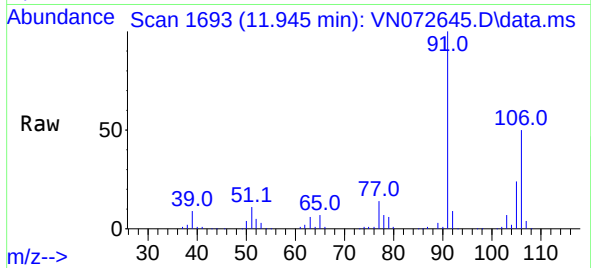
#67
m/p-Xylenes
Concen: 37.283 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 16482
Ion Ratio Lower Upper
106 100
91 200.8 162.9 244.3

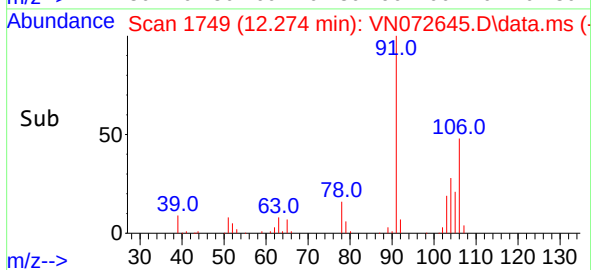
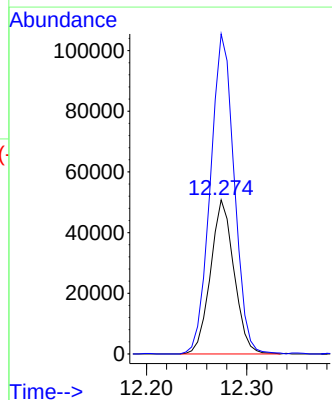
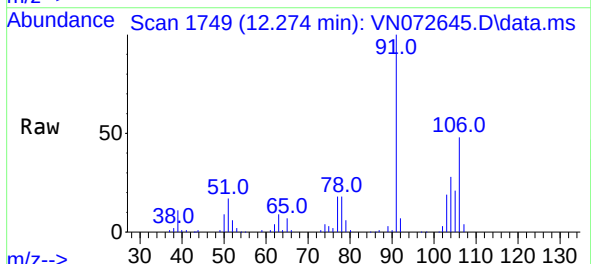
Manual Integrations
APPROVED

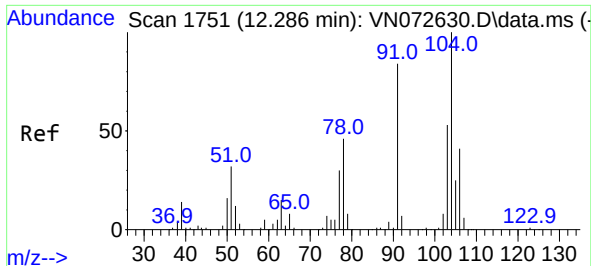
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
o-Xylene
Concen: 18.799 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion:106 Resp: 82689
Ion Ratio Lower Upper
106 100
91 211.1 107.7 323.1





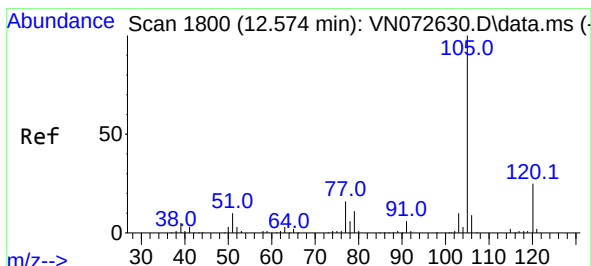
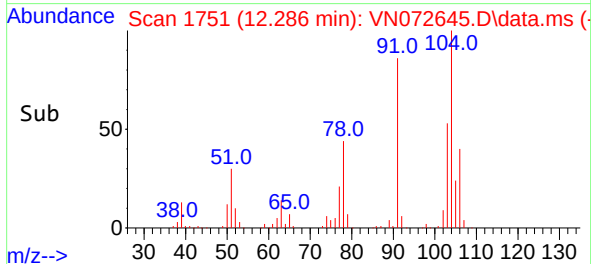
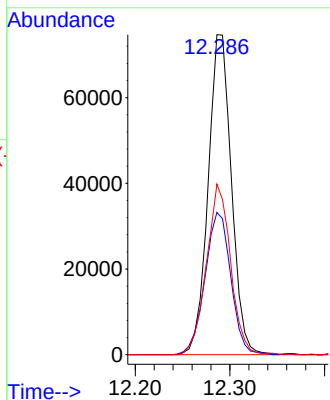
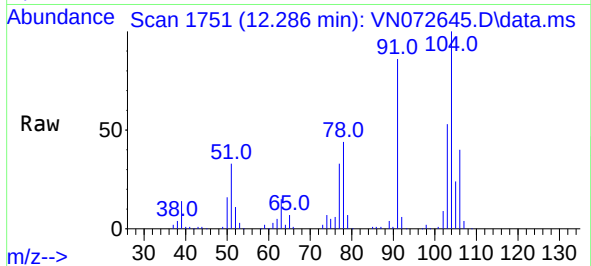
#69
Styrene
Concen: 18.373 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 128039
Ion Ratio Lower Upper
104 100
78 49.1 40.7 61.1
103 54.9 45.8 68.8

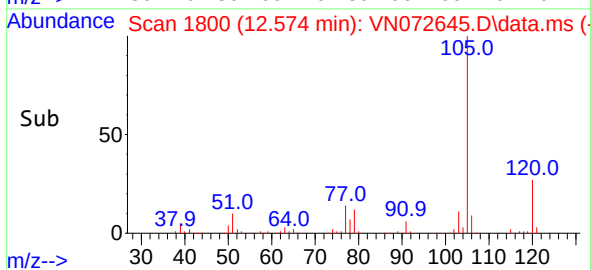
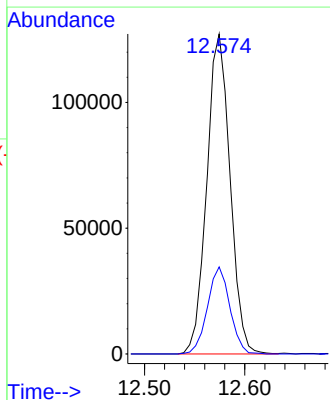
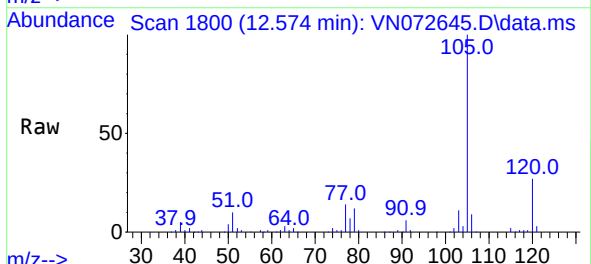
Manual Integrations
APPROVED

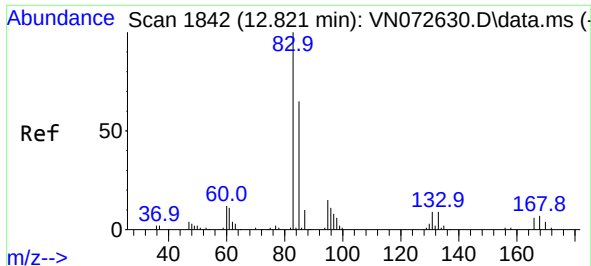
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Isopropylbenzene
Concen: 18.292 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

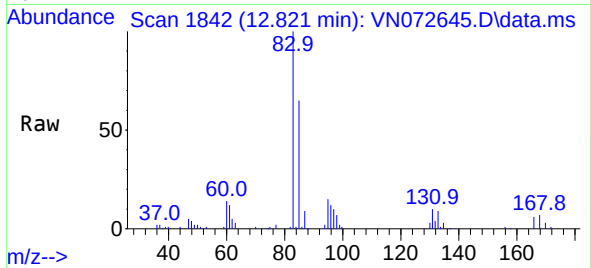
Tgt Ion:105 Resp: 205561
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.056 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

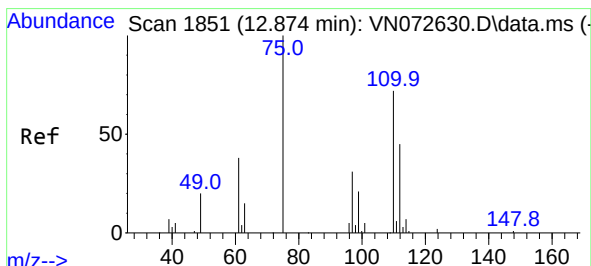
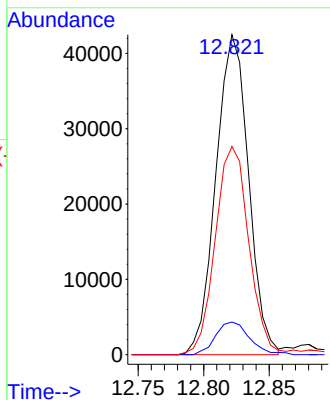
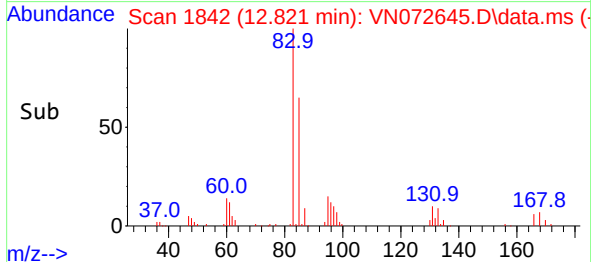
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



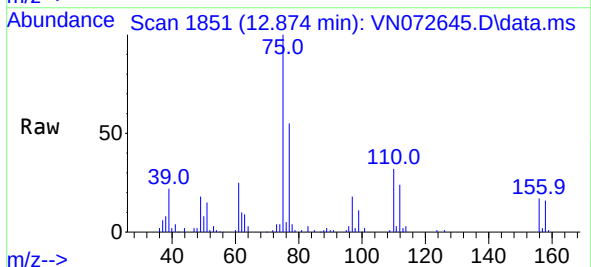
Tgt Ion: 83 Resp: 7352
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 66.7 33.1 99.2

Manual Integrations
APPROVED

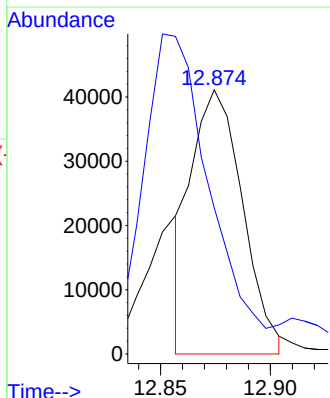
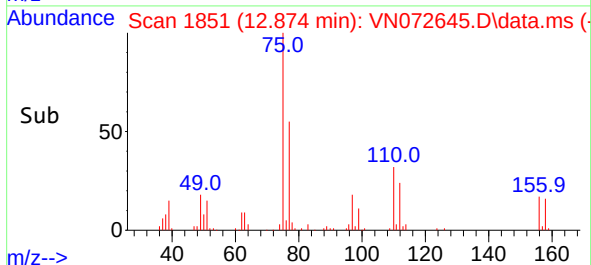
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

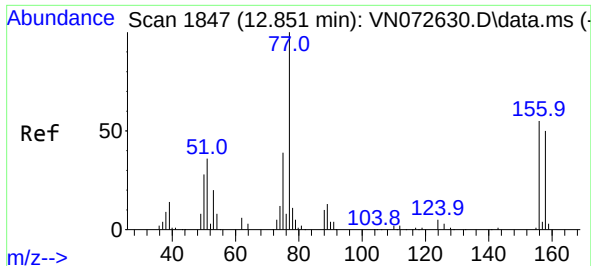


#72
1,2,3-Trichloropropane
Concen: 20.487 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



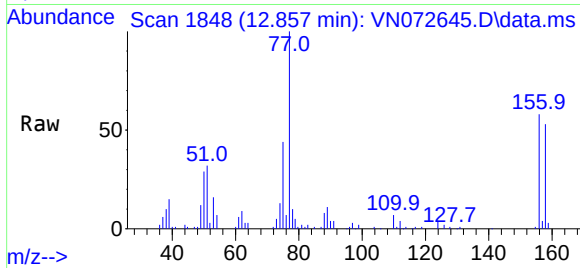
Tgt Ion: 75 Resp: 66698
Ion Ratio Lower Upper
75 100
77 158.6 0.0 378.0





#73
Bromobenzene
Concen: 19.372 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

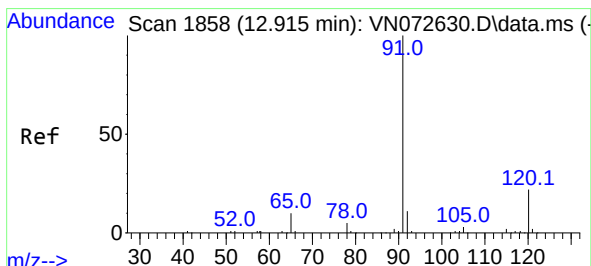
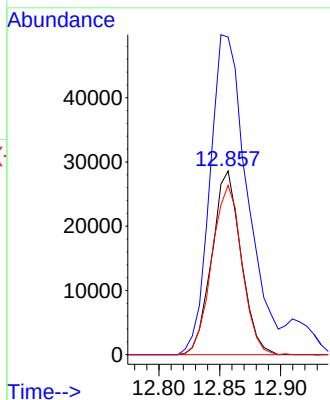
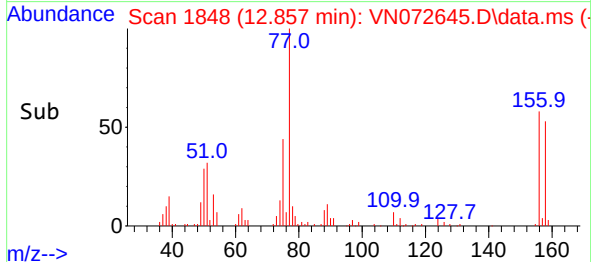
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



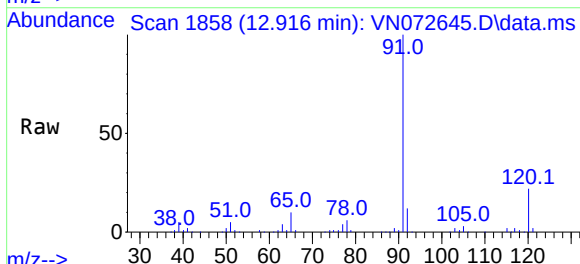
Tgt Ion:156 Resp: 4782
Ion Ratio Lower Upper
156 100
77 221.2 0.0 416.0
158 94.6 0.0 195.4

Manual Integrations
APPROVED

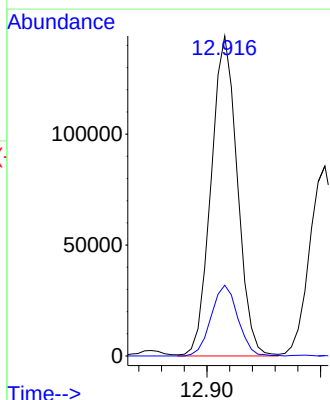
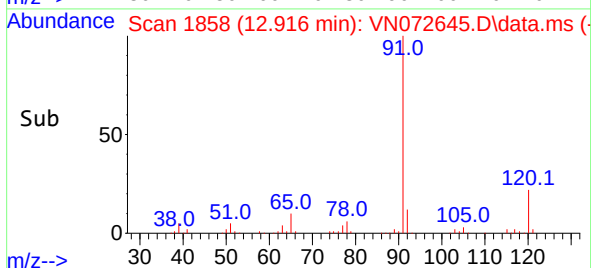
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

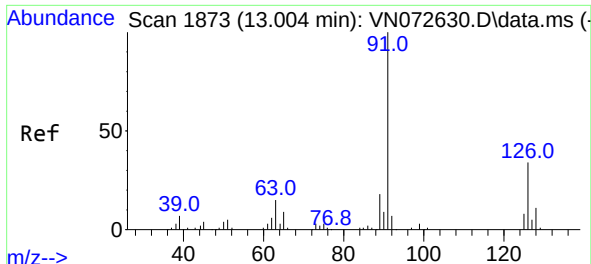


#74
n-propylbenzene
Concen: 18.245 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion: 91 Resp: 231838
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





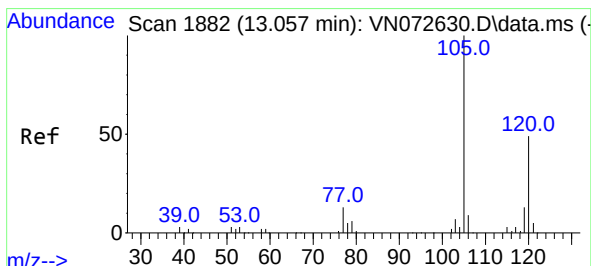
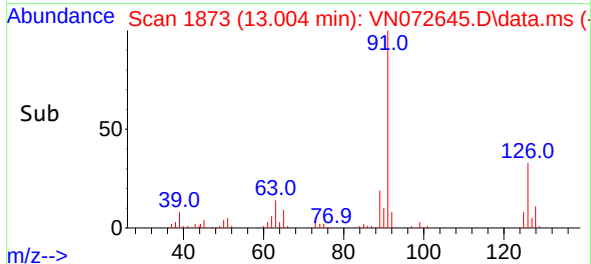
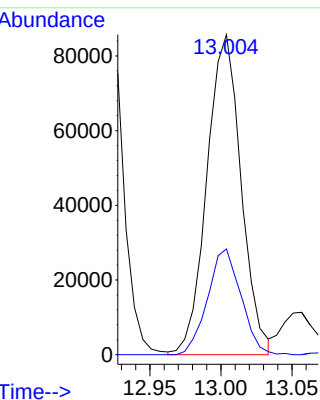
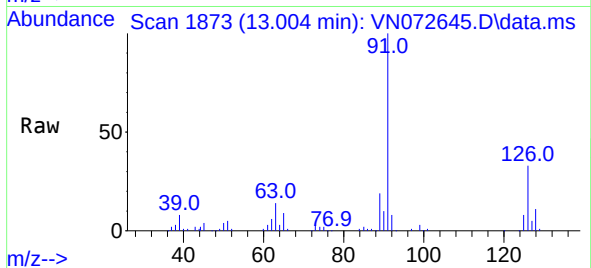
#75
2-Chlorotoluene
Concen: 18.632 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 143602
Ion Ratio Lower Upper
91 100
126 32.2 0.0 69.8

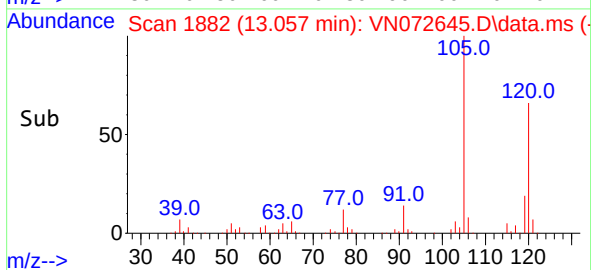
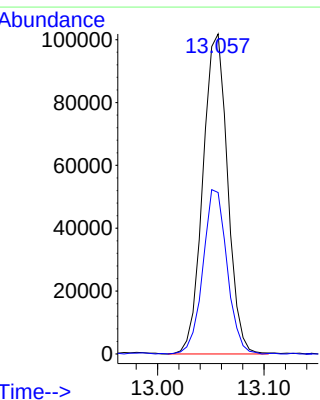
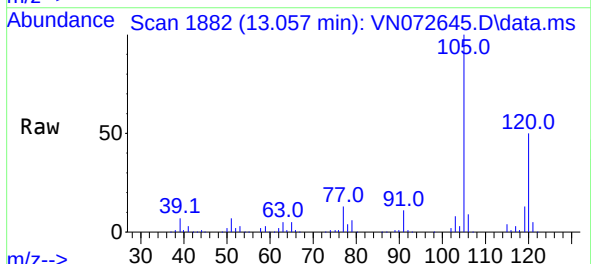
Manual Integrations
APPROVED

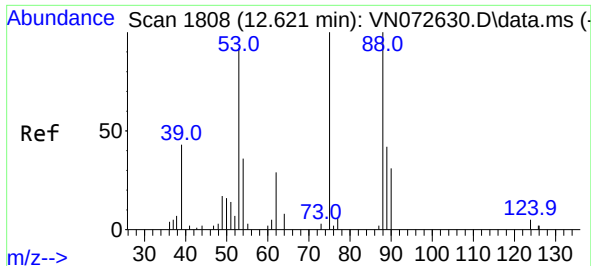
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.463 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

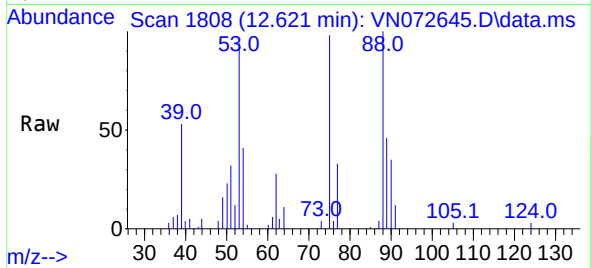
Tgt Ion:105 Resp: 163744
Ion Ratio Lower Upper
105 100
120 50.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.343 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

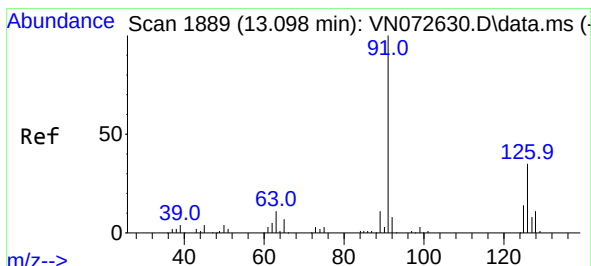
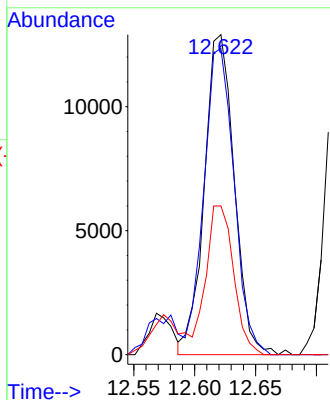
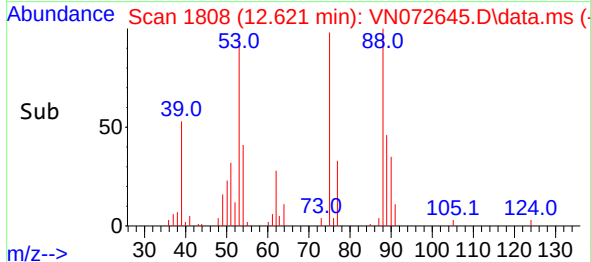
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



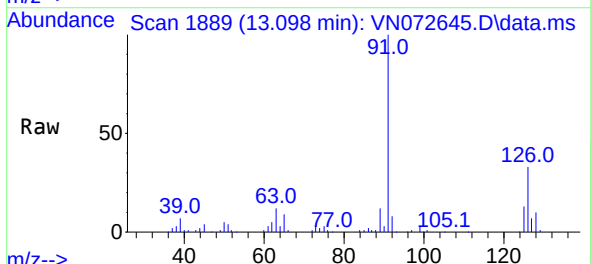
Tgt Ion: 75 Resp: 22064
Ion Ratio Lower Upper
75 100
53 95.7 51.8 155.5
89 46.5 22.9 68.7

Manual Integrations
APPROVED

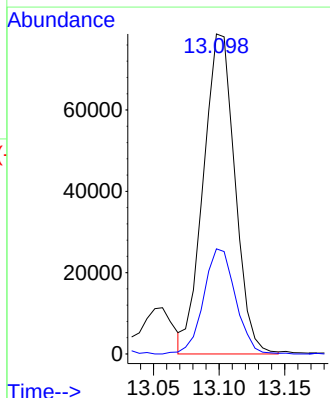
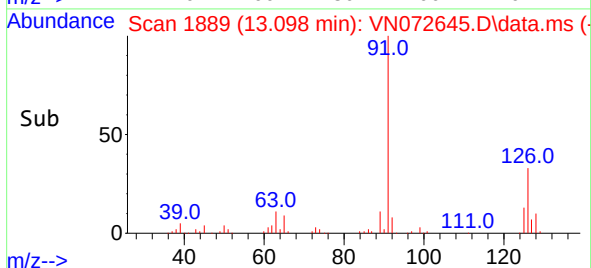
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

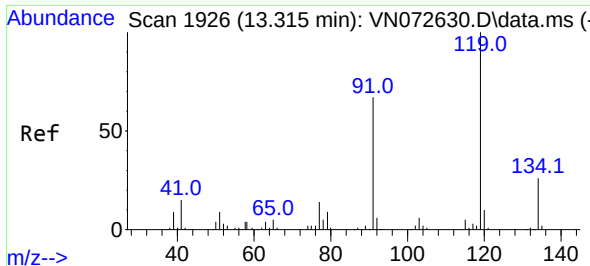


#78
4-Chlorotoluene
Concen: 18.801 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion: 91 Resp: 131929
Ion Ratio Lower Upper
91 100
126 33.1 0.0 70.6





#79
tert-butylbenzene
Concen: 19.068 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

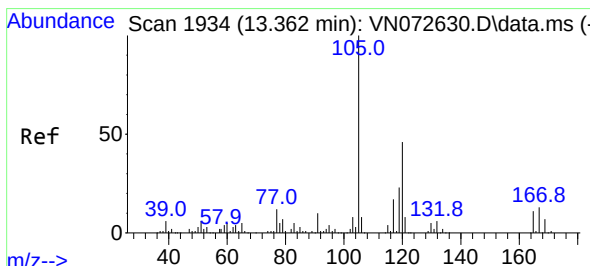
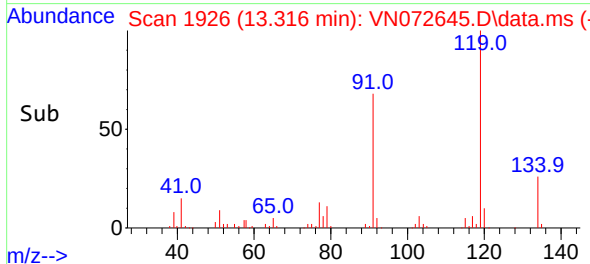
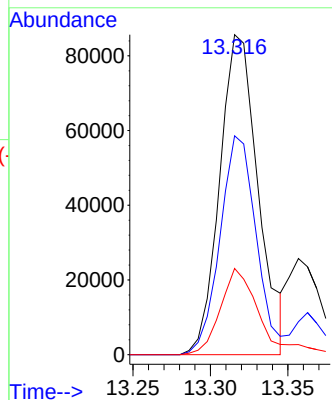
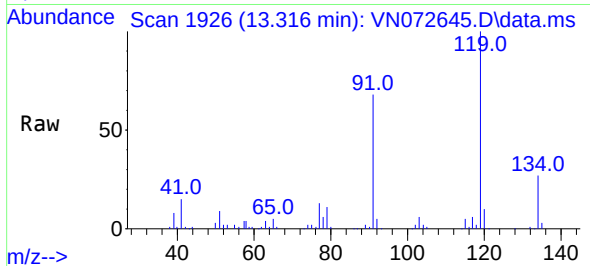
VSTDCCC020EC

Tgt Ion:119 Resp: 147985
Ion Ratio Lower Upper
119 100
91 64.2 0.0 137.0
134 25.7 0.0 47.6

Manual Integrations

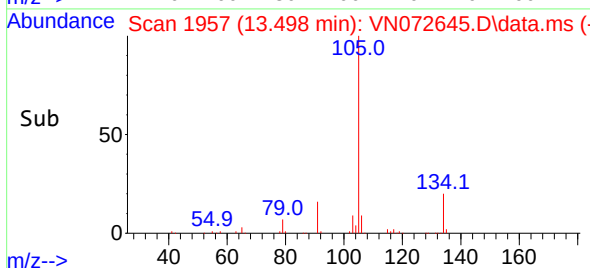
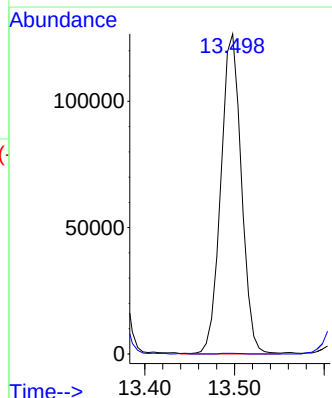
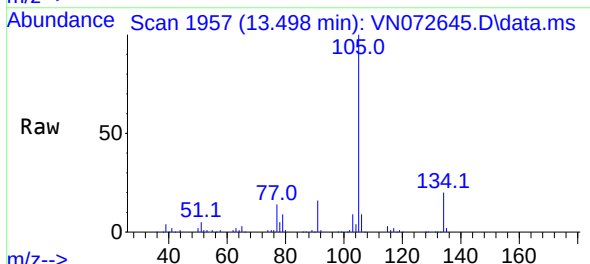
APPROVED

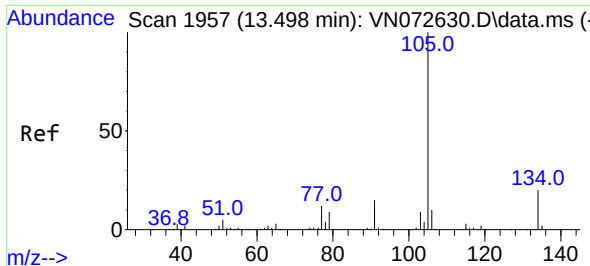
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,2,4-Trimethylbenzene
Concen: 23.537 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.135 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

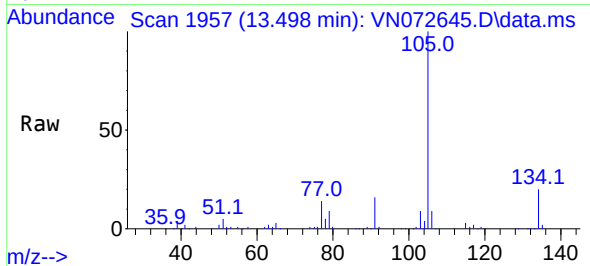
Tgt Ion:105 Resp: 201455
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 17.943 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072645.D
 Acq: 26 May 2022 22:18

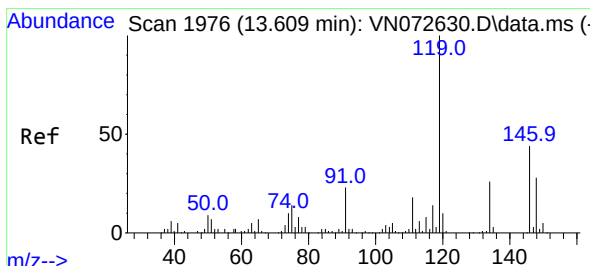
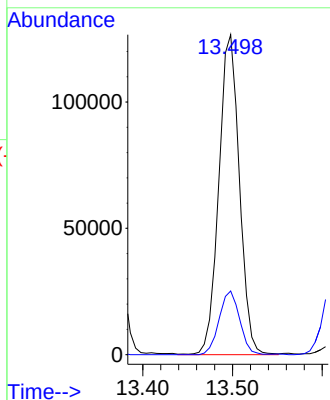
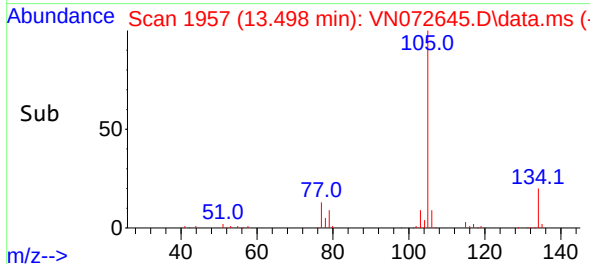
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



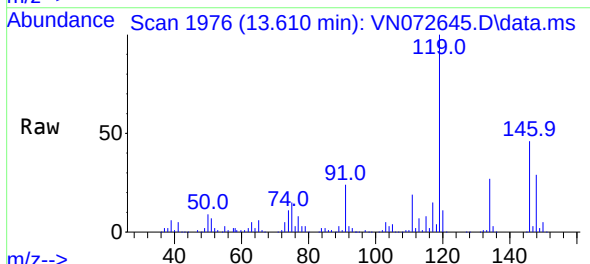
Tgt Ion:105 Resp: 20145
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

Manual Integrations
 APPROVED

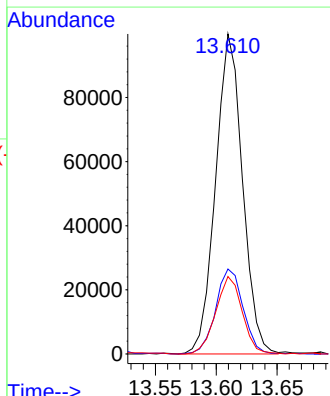
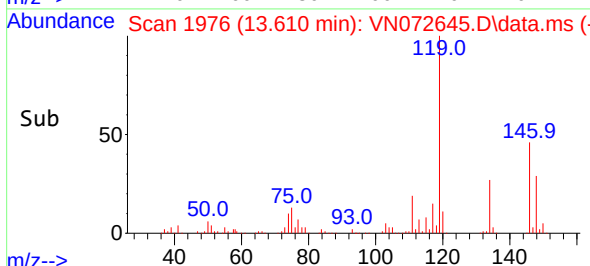
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

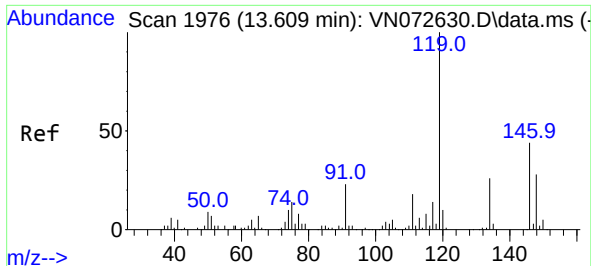


#82
 p-Isopropyltoluene
 Concen: 17.629 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072645.D
 Acq: 26 May 2022 22:18



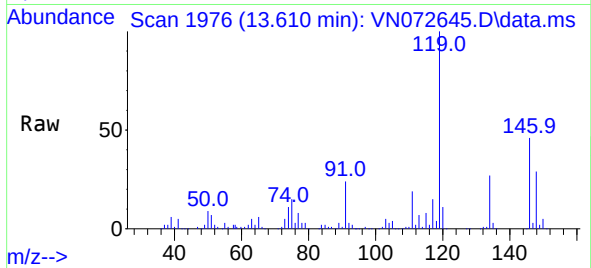
Tgt Ion:119 Resp: 153447
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.8
 91 23.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 17.905 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

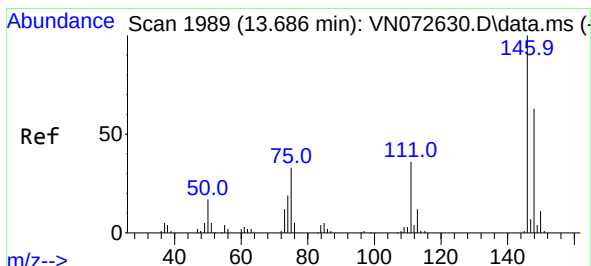
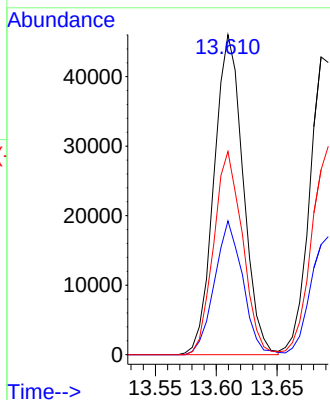
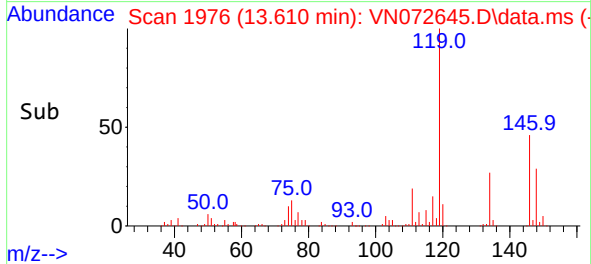
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



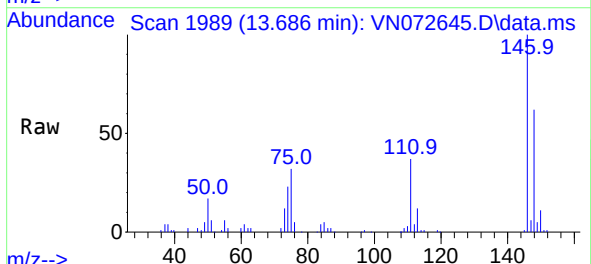
Tgt Ion:146 Resp: 76715
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 63.0 31.4 94.3

Manual Integrations
APPROVED

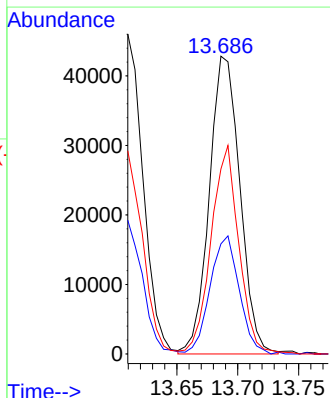
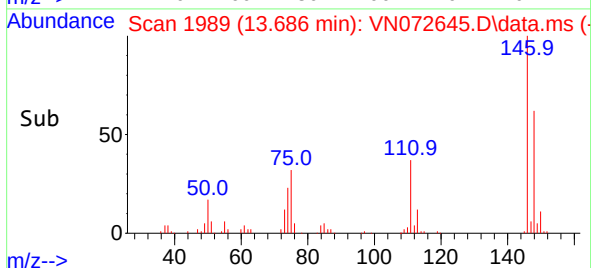
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

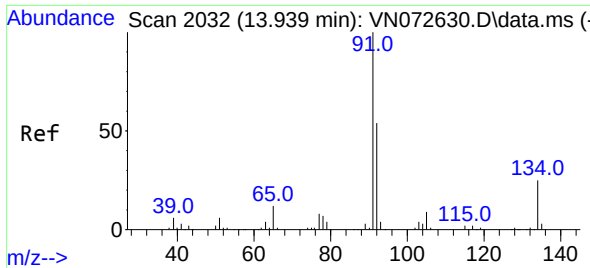


#84
1,4-Dichlorobenzene
Concen: 18.036 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion:146 Resp: 75074
Ion Ratio Lower Upper
146 100
111 37.5 19.5 58.5
148 63.5 31.1 93.5





#85
n-Butylbenzene
Concen: 16.984 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

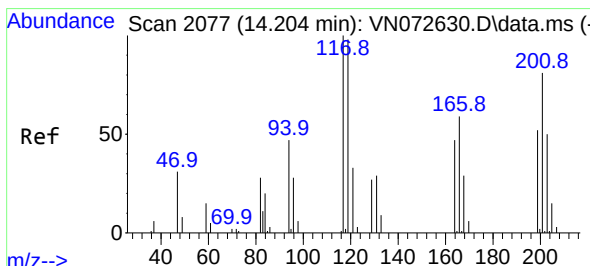
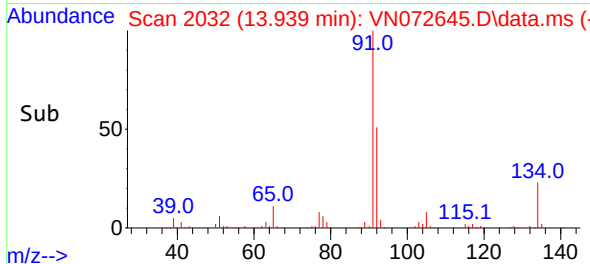
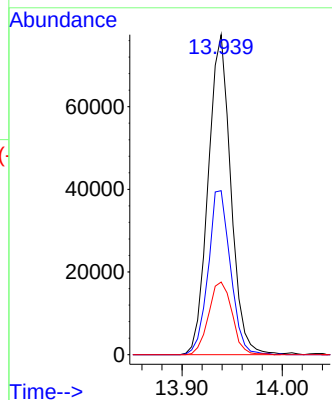
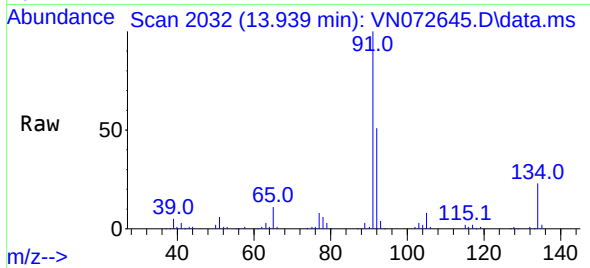
VSTDCCC020EC

Tgt Ion: 91 Resp: 121474
Ion Ratio Lower Upper
91 100
92 50.6 0.0 100.6
134 23.6 0.0 50.2

Manual Integrations

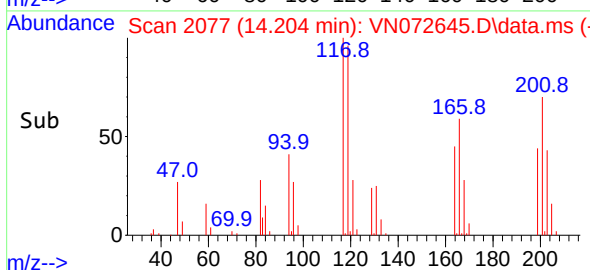
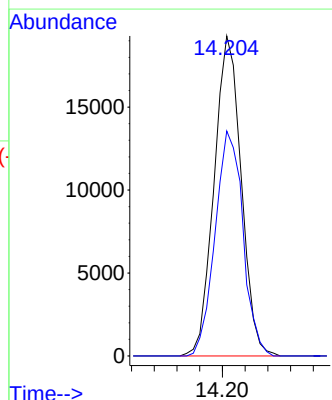
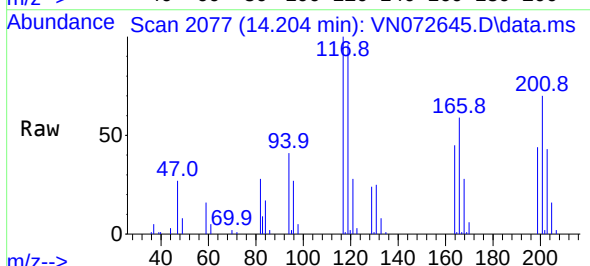
APPROVED

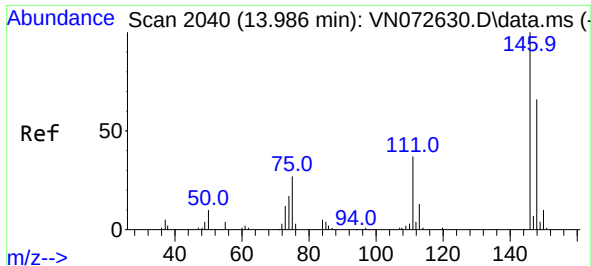
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 18.429 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

Tgt Ion:117 Resp: 31948
Ion Ratio Lower Upper
117 100
201 72.1 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.676 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072645.D

Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 7903

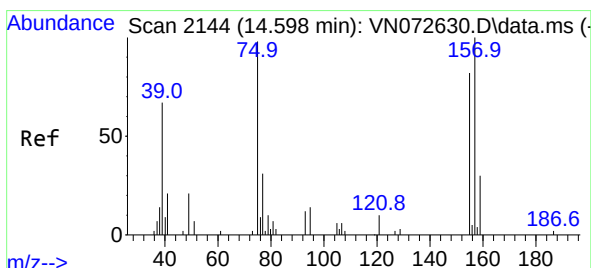
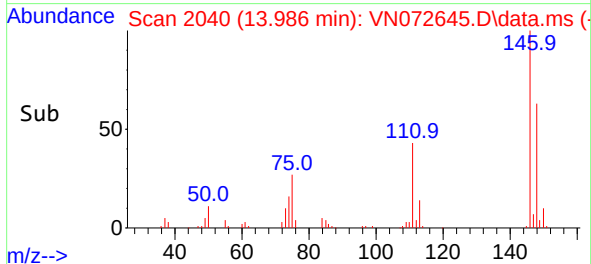
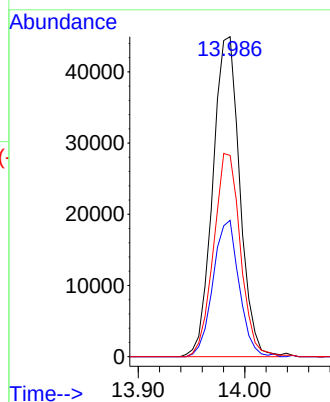
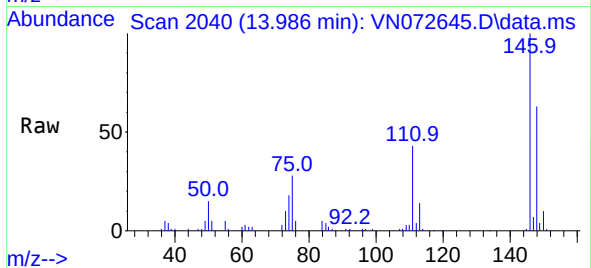
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.4	64.2
148	63.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.122 ug/l

RT: 14.598 min Scan# 2144

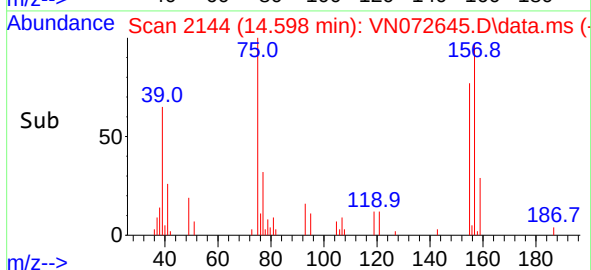
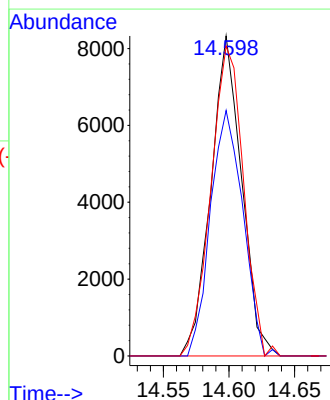
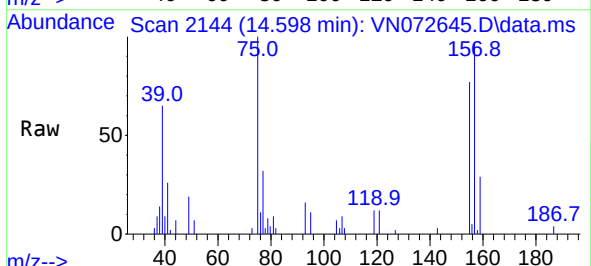
Delta R.T. 0.000 min

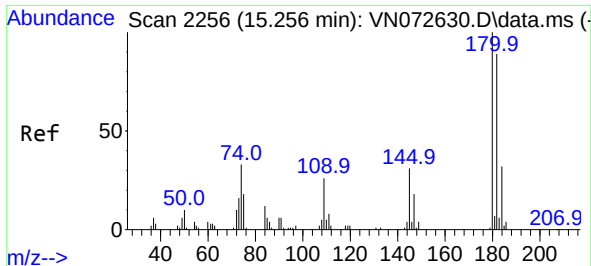
Lab File: VN072645.D

Acq: 26 May 2022 22:18

Tgt Ion: 75 Resp: 13583

Ion	Ratio	Lower	Upper
75	100		
155	80.3	63.8	95.8
157	101.9	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.320 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072645.D

Acq: 26 May 2022 22:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

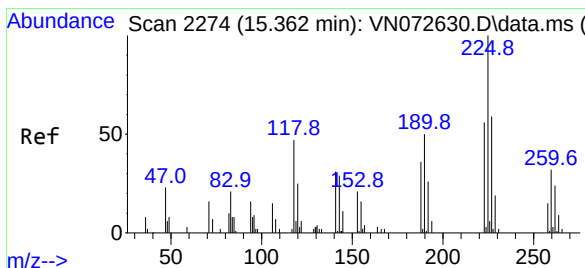
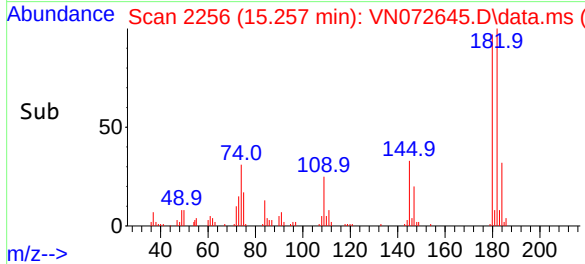
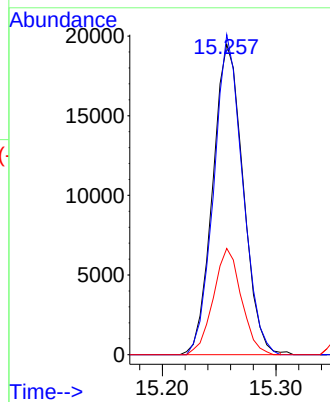
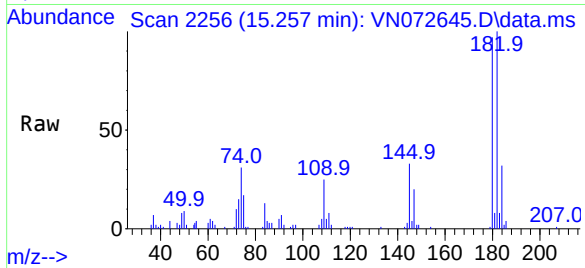
Tgt Ion:	180	Resp:	3616
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.7	116.5
145	31.6	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#90

Hexachlorobutadiene

Concen: 18.022 ug/l

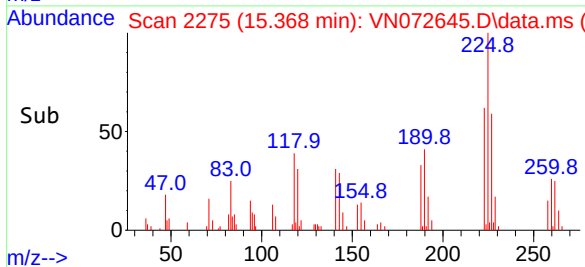
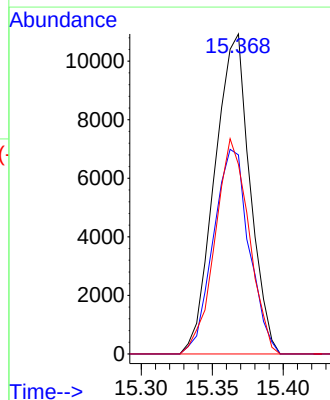
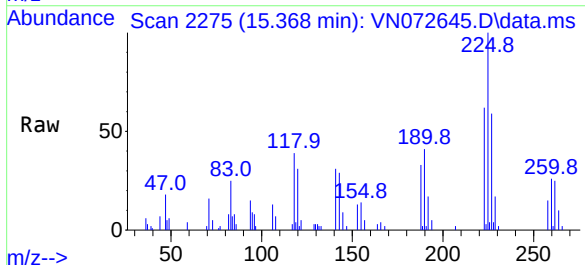
RT: 15.368 min Scan# 2275

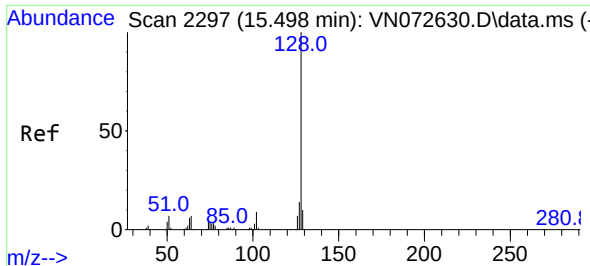
Delta R.T. 0.006 min

Lab File: VN072645.D

Acq: 26 May 2022 22:18

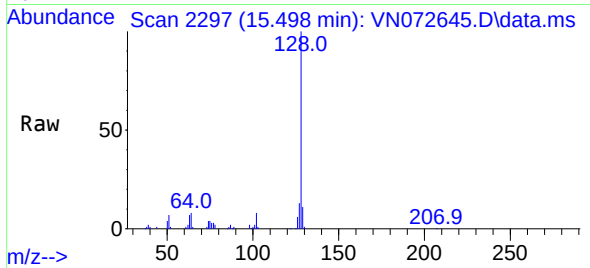
Tgt Ion:	225	Resp:	18872
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	126.8
227	64.7	0.0	123.0





#91
Naphthalene
Concen: 18.462 ug/l
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18

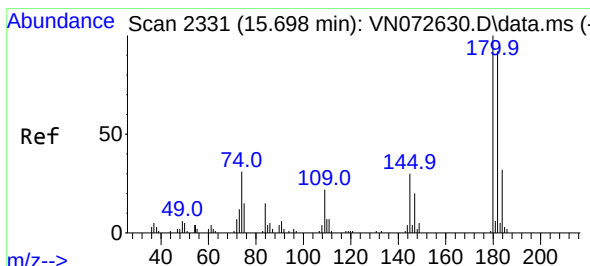
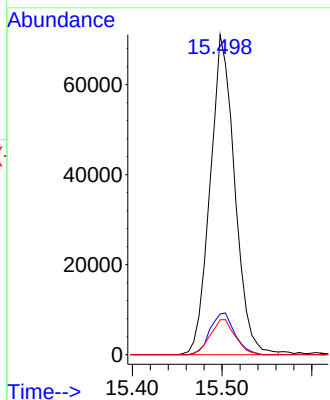
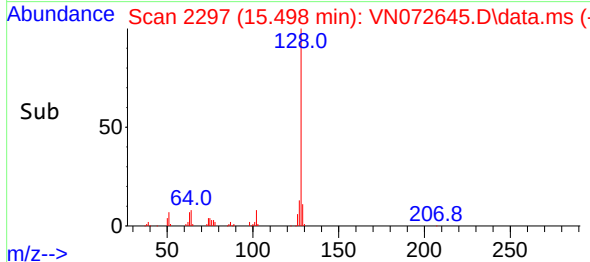
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



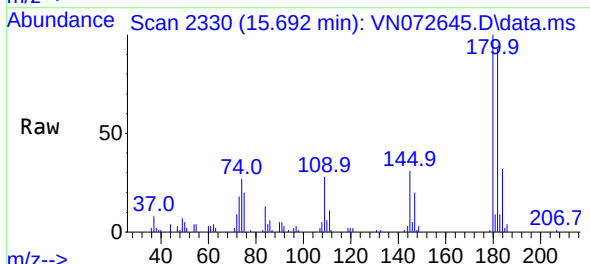
Tgt Ion:128 Resp: 13527
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.888 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072645.D
Acq: 26 May 2022 22:18



Tgt Ion:180 Resp: 40262
Ion Ratio Lower Upper
180 100
182 92.7 0.0 190.0
145 32.2 0.0 67.8

