

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072527.D
 Acq On : 17 May 2022 11:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 07:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	28149	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	141427	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	132448	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	88677	27.996	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.333%	
60) 4-Bromofluorobenzene	12.727	95	77693	30.042	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.133%	
63) Toluene-d8	10.433	98	226895	31.382	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	46881	20.049	ug/l	96
3) Chloromethane	2.305	50	40231	19.050	ug/l	93
4) Vinyl Chloride	2.446	62	29963	16.807	ug/l	98
5) Bromomethane	2.846	94	24536	16.920	ug/l	94
6) Chloroethane	3.016	64	22718	19.513	ug/l	91
7) Trichlorofluoromethane	3.375	101	75961	18.037	ug/l	99
8) Diethyl Ether	3.822	74	23921	18.882	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.222	101	40472m	20.396	ug/l	
10) 1,1-Dichloroethene	4.175	96	34321	19.182	ug/l	95
11) Methyl Iodide	4.422	142	49683	18.439	ug/l	90
12) Methyl Acetate	4.851	43	49187	16.993	ug/l	97
13) Acrolein	4.034	56	46214m	101.614	ug/l	
14) Acrylonitrile	5.551	53	105275	86.207	ug/l	99
15) Acetone	4.293	58	25764	80.457	ug/l	93
16) Carbon Disulfide	4.528	76	88952	19.166	ug/l	96
17) Allyl chloride	4.840	41	57329	17.751	ug/l	88
18) Methylene Chloride	5.093	84	43398	20.492	ug/l	99
19) trans-1,2-Dichloroethene	5.604	96	39413	20.056	ug/l	89
20) Diisopropyl ether	6.493	45	130179	19.389	ug/l	97
21) 1,1-Dichloroethane	6.381	63	76551	19.066	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	45978	19.928	ug/l	95
23) tert-Butyl Alcohol	5.369	59	34075m	63.614	ug/l	
24) Methyl tert-Butyl Ether	5.604	73	138489	18.868	ug/l	100
25) Chloroform	7.816	83	85809	19.816	ug/l	100
26) Cyclohexane	8.092	56	62211	19.093	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	58800	20.876	ug/l	95
30) 2-Butanone	7.328	43	139823	85.770	ug/l	97
31) 2,2-Dichloropropane	7.322	77	70588	20.200	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	82505	20.536	ug/l	99
33) Carbon Tetrachloride	8.204	117	71483	20.022	ug/l	97
34) Benzene	8.451	78	172028	21.494	ug/l	98
35) Methacrylonitrile	7.634	41	31604	18.336	ug/l	95
36) 1,2-Dichloroethane	8.528	62	75114	20.153	ug/l	98
37) Trichloroethene	9.210	130	46532	21.430	ug/l	97
38) Methylcyclohexane	9.457	83	65332	20.062	ug/l	92
39) 1,2-Dichloropropane	9.486	63	43947	21.799	ug/l	96
40) Dibromomethane	9.575	93	31714	20.378	ug/l	91
41) Bromodichloromethane	9.757	83	68931	20.906	ug/l	96
42) Vinyl Acetate	6.428	43	546553m	99.610	ug/l	

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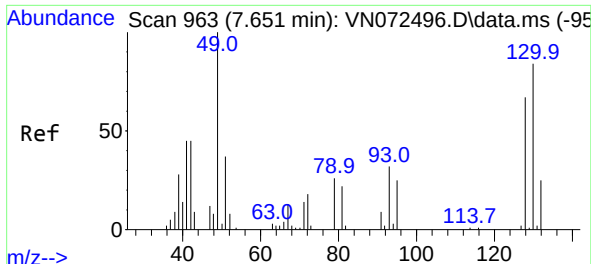
Manual Integrations
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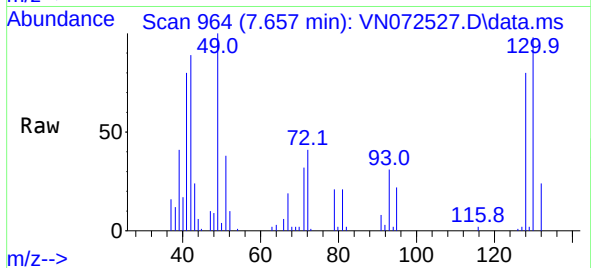
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	59714	18.757	ug/l	97
44) Isopropyl Acetate	8.557	43	93545	18.356	ug/l	96
45) 1,4-Dioxane	9.569	88	13971	287.835	ug/l	94
46) Methyl methacrylate	9.557	41	42559	17.649	ug/l	83
47) n-amyl Acetate	12.380	43	59958	17.575	ug/l	93
48) t-1,3-Dichloropropene	10.716	75	66815	19.196	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	70109	19.984	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	45500	21.196	ug/l	96
51) Ethyl methacrylate	10.757	69	61703	18.434	ug/l	94
52) 1,3-Dichloropropane	11.039	76	76253	20.560	ug/l	100
53) Dibromochloromethane	11.233	129	53899	20.796	ug/l	97
54) 1,2-Dibromoethane	11.339	107	47402	20.759	ug/l	99
55) 2-Chloroethyl vinyl ether	10.033	63	72244	85.063	ug/l	98
56) Bromoform	12.457	173	37108	18.984	ug/l #	98
58) 4-Methyl-2-Pentanone	10.328	43	291905	93.531	ug/l	97
59) 2-Hexanone	11.080	43	197630	86.198	ug/l	96
61) Tetrachloroethene	10.975	164	44497	22.434	ug/l	91
62) Toluene	10.498	91	189800	21.212	ug/l	95
64) Chlorobenzene	11.763	112	117379	21.030	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	49731	21.549	ug/l	95
66) Ethyl Benzene	11.839	91	201286	20.000	ug/l	99
67) m/p-Xylenes	11.951	106	162861	42.681	ug/l	96
68) o-Xylene	12.275	106	79812	21.160	ug/l	99
69) Styrene	12.292	104	125902	20.958	ug/l	97
70) Isopropylbenzene	12.574	105	208882	20.870	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.822	83	64396	21.069	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	58495m	20.406	ug/l	
73) Bromobenzene	12.857	156	50514	20.971	ug/l	95
74) n-propylbenzene	12.916	91	228644	20.868	ug/l	100
75) 2-Chlorotoluene	13.004	91	149221	21.079	ug/l	97
76) 1,3,5-Trimethylbenzene	13.051	105	183154	21.396	ug/l	99
77) t-1,4-Dichloro-2-butene	12.622	75	16459	17.377	ug/l	83
78) 4-Chlorotoluene	13.098	91	138715	20.906	ug/l	96
79) tert-butylbenzene	13.316	119	156930	20.865	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	174976m	21.212	ug/l	
81) sec-Butylbenzene	13.498	105	203292	20.387	ug/l	100
82) p-Isopropyltoluene	13.610	119	166326	20.154	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	89524	21.771	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	81322	20.324	ug/l	98
85) n-Butylbenzene	13.939	91	110859	18.127	ug/l	95
86) Hexachloroethane	14.210	117	28948	19.049	ug/l	87
87) 1,2-Dichlorobenzene	13.986	146	85419	21.248	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	12482	17.349	ug/l	98
89) 1,2,4-Trichlorobenzene	15.257	180	32569	17.898	ug/l	98
90) Hexachlorobutadiene	15.363	225	24052	21.386	ug/l	96
91) Naphthalene	15.504	128	80403	18.150	ug/l	100
92) 1,2,3-Trichlorobenzene	15.698	180	32219	17.393	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

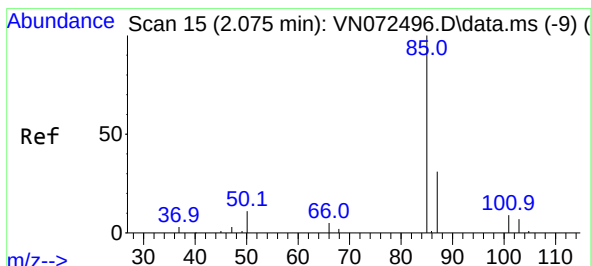
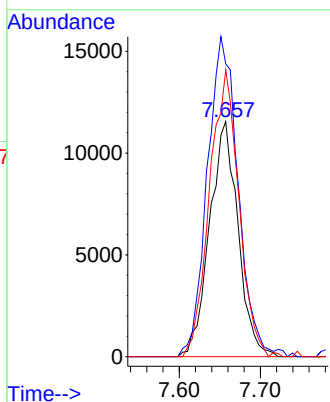
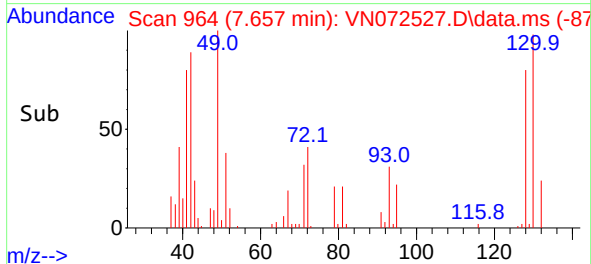
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



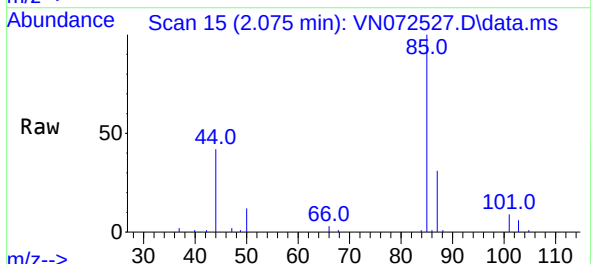
Tgt Ion:128 Resp: 28149
Ion Ratio Lower Upper
128 100
49 146.5 0.0 392.3
130 125.0 0.0 320.2

Manual Integrations
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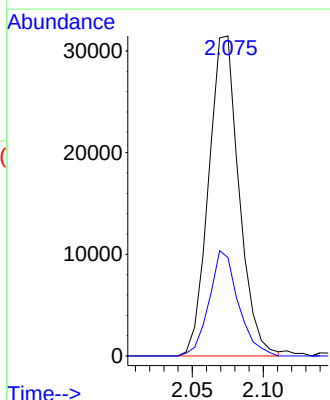
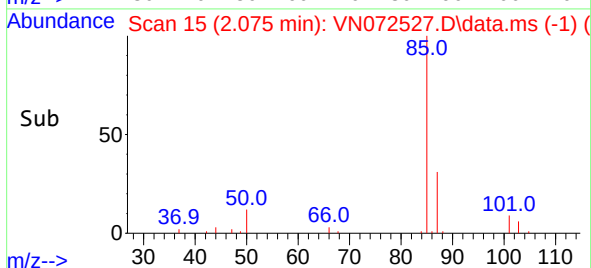
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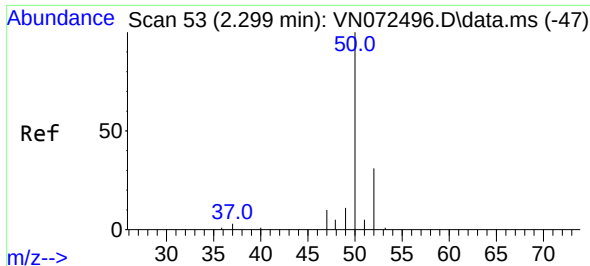


#2
Dichlorodifluoromethane
Concen: 20.049 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion: 85 Resp: 46881
Ion Ratio Lower Upper
85 100
87 30.7 16.6 49.7





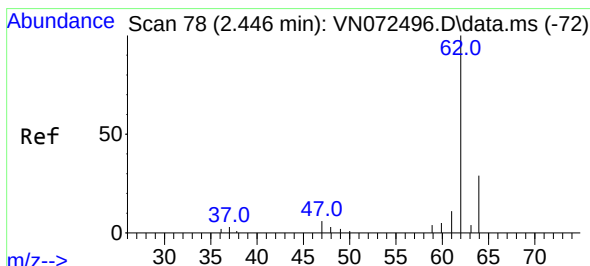
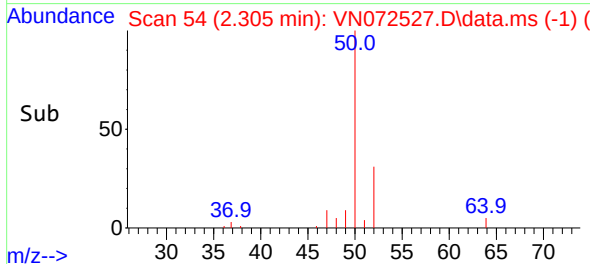
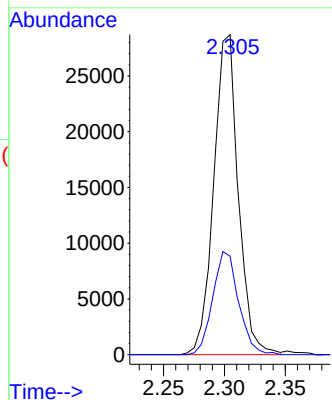
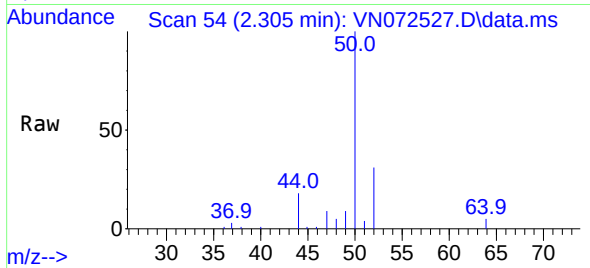
#3
Chloromethane
Concen: 19.050 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 4023
Ion Ratio Lower Upper
50 100
52 30.7 27.8 41.6

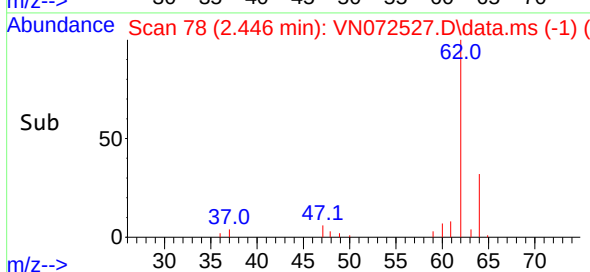
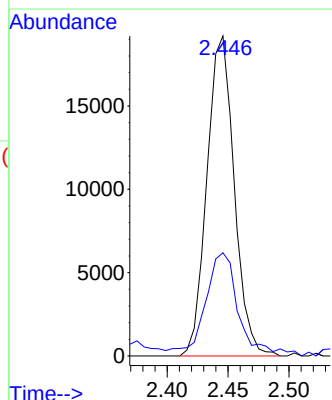
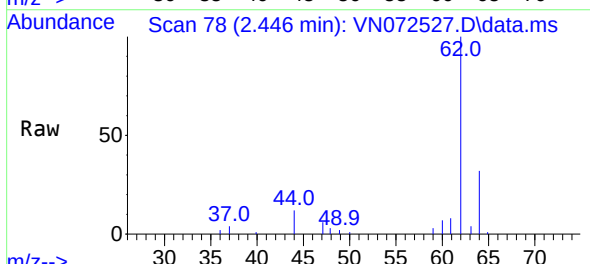
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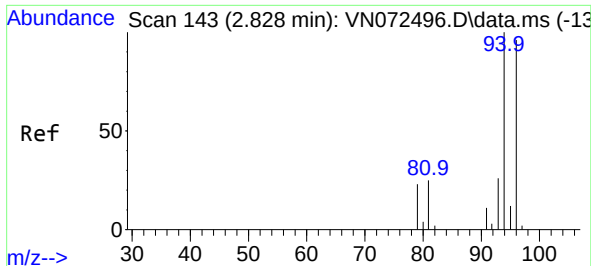
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 16.807 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 62 Resp: 29963
Ion Ratio Lower Upper
62 100
64 30.0 25.1 37.7





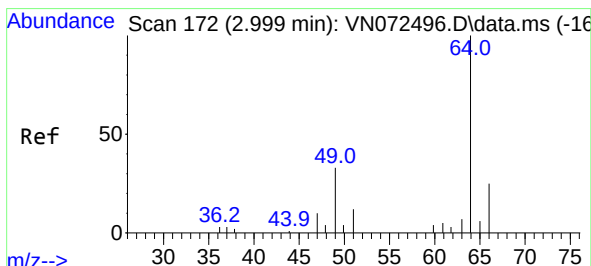
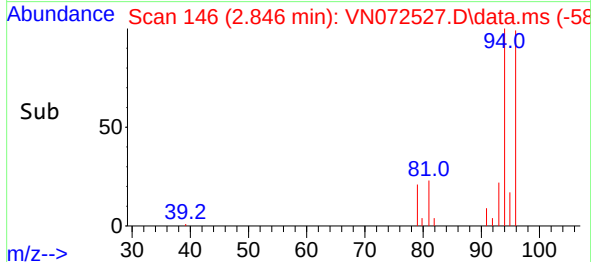
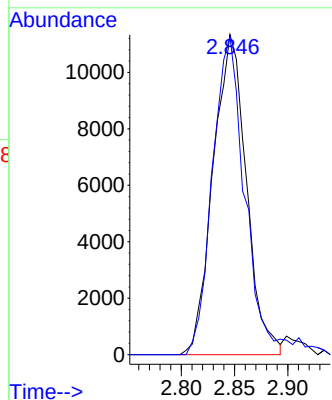
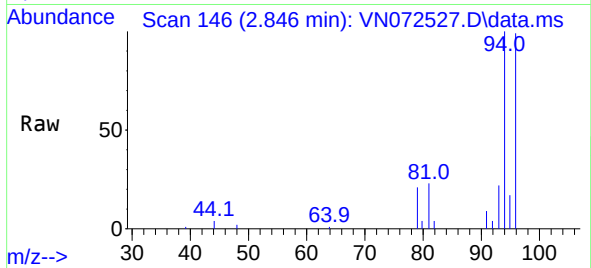
#5
Bromomethane
Concen: 16.920 ug/l
RT: 2.846 min Scan# 143
Delta R.T. 0.018 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 24530
Ion Ratio Lower Upper
94 100
96 99.5 75.2 112.8

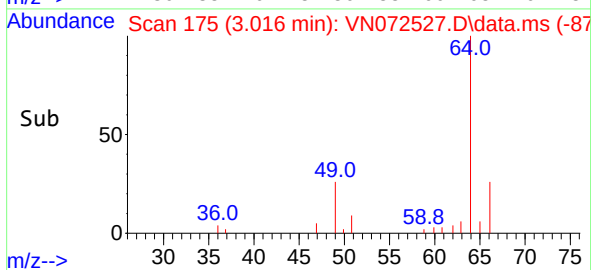
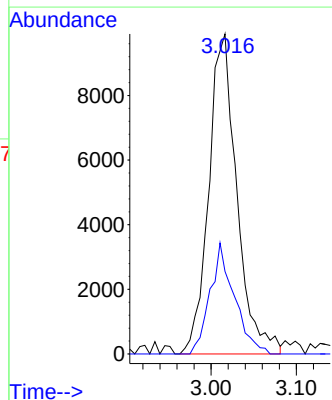
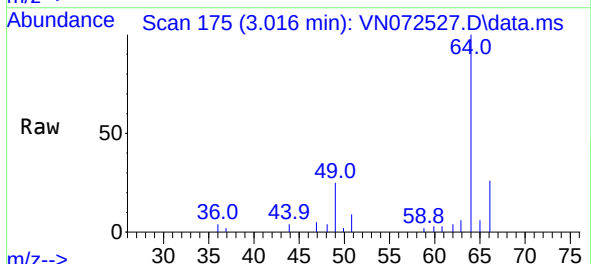
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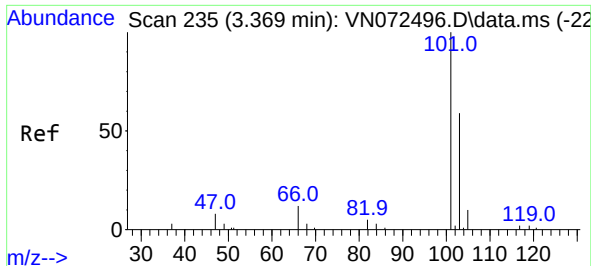
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#6
Chloroethane
Concen: 19.513 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.018 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 64 Resp: 22718
Ion Ratio Lower Upper
64 100
66 25.8 24.6 36.8





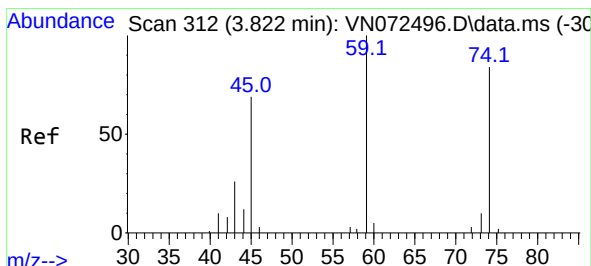
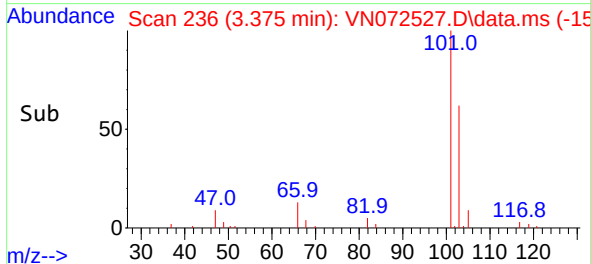
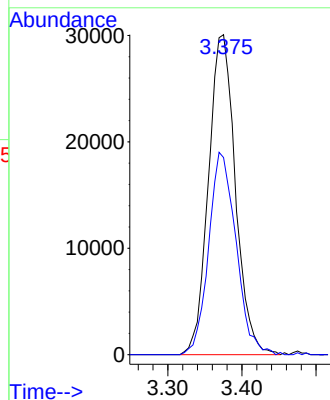
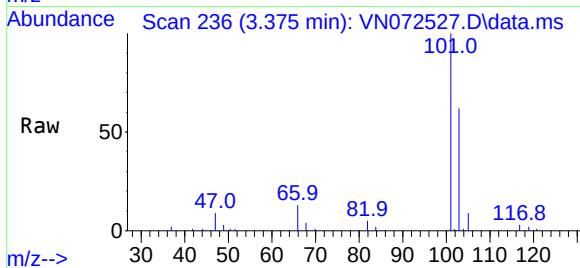
#7
Trichlorofluoromethane
Concen: 18.037 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

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Tgt Ion:101 Resp: 7596
Ion Ratio Lower Upper
101 100
103 61.6 50.1 75.1

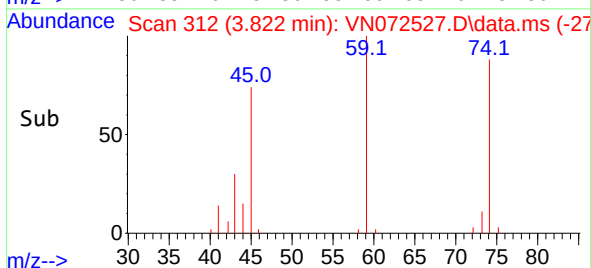
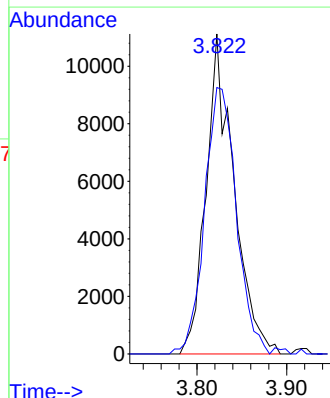
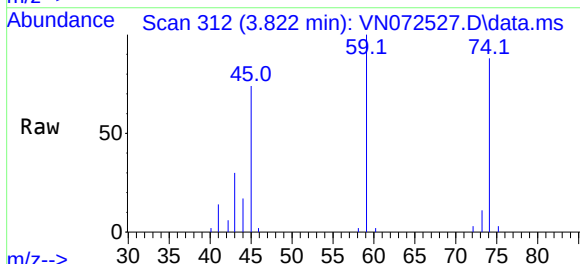
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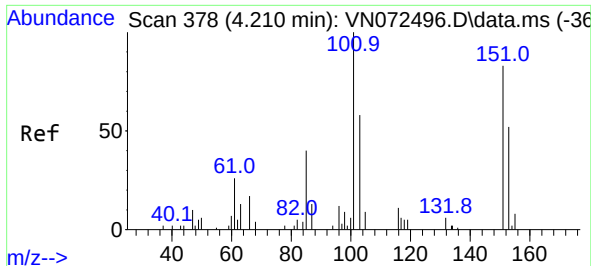
Reviewed By :John Carlone 05/18/2022
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#8
Diethyl Ether
Concen: 18.882 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 74 Resp: 23921
Ion Ratio Lower Upper
74 100
45 95.0 17.6 158.8





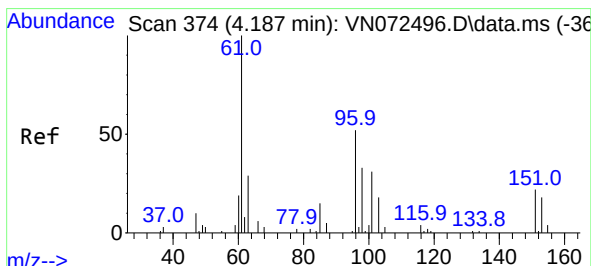
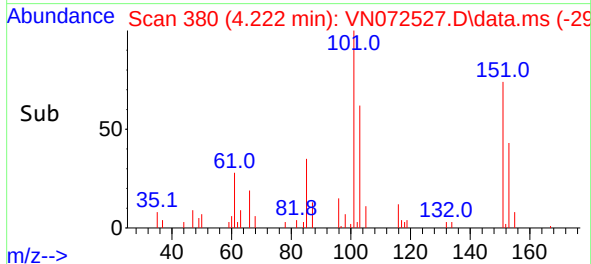
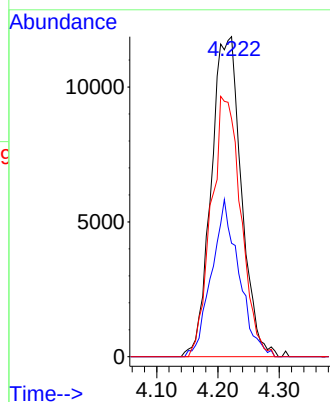
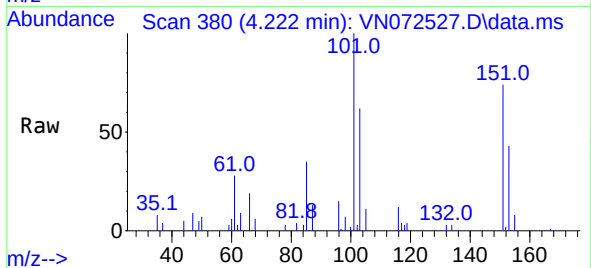
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.396 ug/l m
RT: 4.222 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 40472
Ion Ratio Lower Upper
101 100
85 44.7 0.0 94.0
151 80.0 0.0 74.6

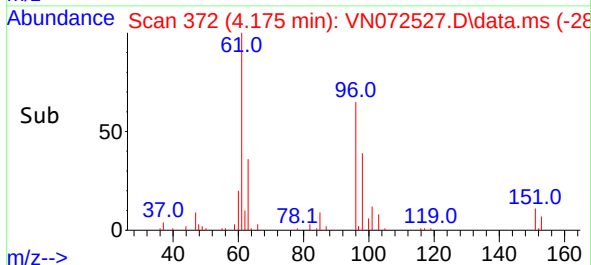
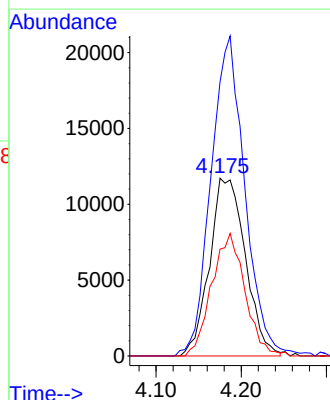
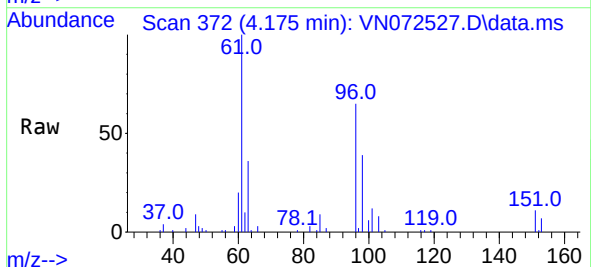
Manual Integrations
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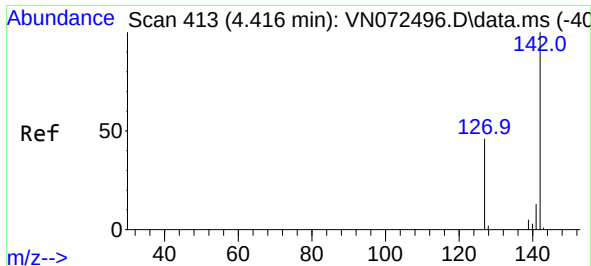
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
1,1-Dichloroethene
Concen: 19.182 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

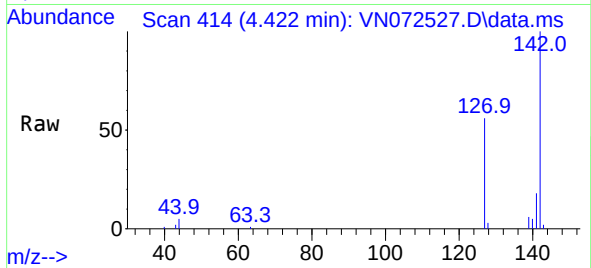
Tgt Ion: 96 Resp: 34321
Ion Ratio Lower Upper
96 100
61 151.1 126.2 189.4
98 60.1 50.9 76.3





#11
Methyl Iodide
Concen: 18.439 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

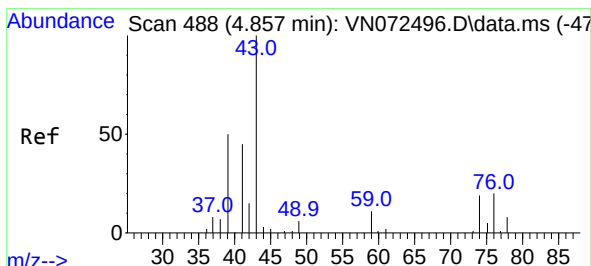
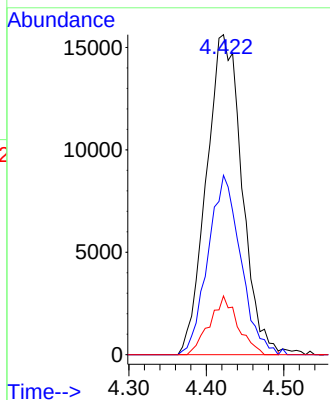
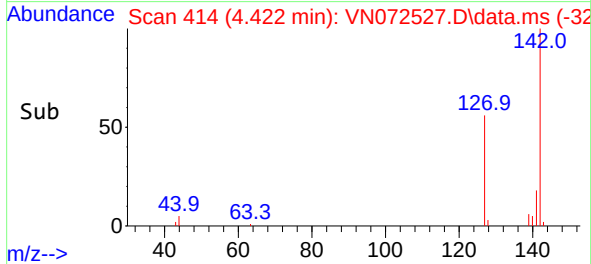
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 4968
Ion Ratio Lower Upper
142 100
127 56.4 24.0 72.0
141 18.5 8.4 25.2

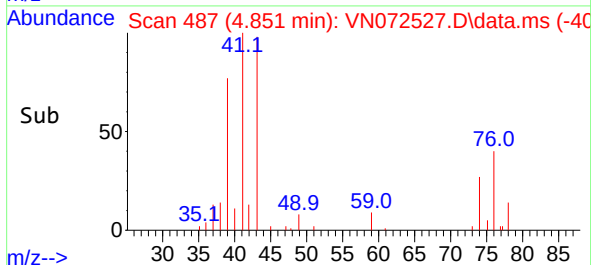
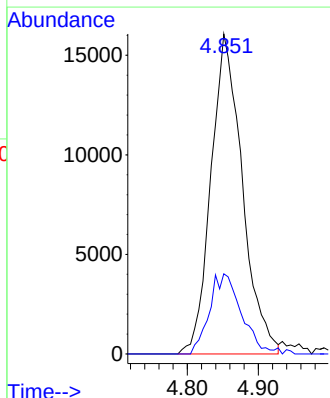
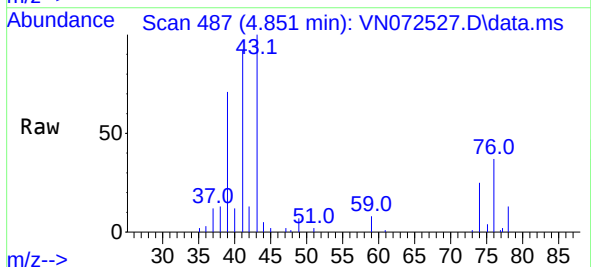
Manual Integrations
APPROVED

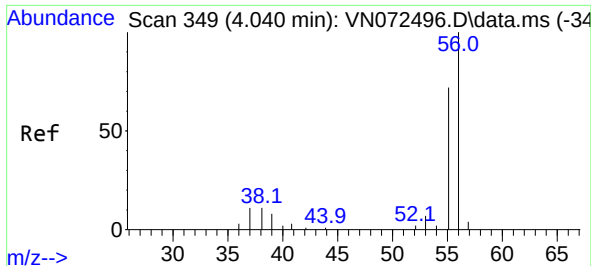
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
Methyl Acetate
Concen: 16.993 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

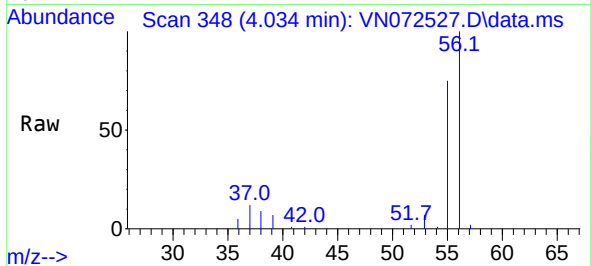
Tgt Ion: 43 Resp: 49187
Ion Ratio Lower Upper
43 100
74 24.5 20.8 31.2





#13
Acrolein
Concen: 101.614 ug/l m
RT: 4.034 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

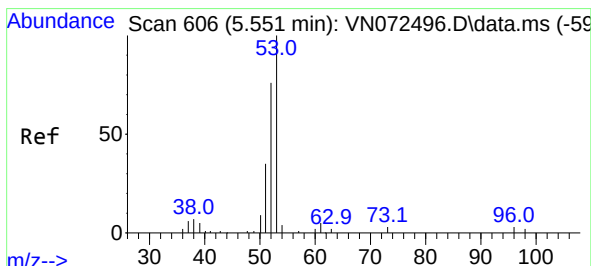
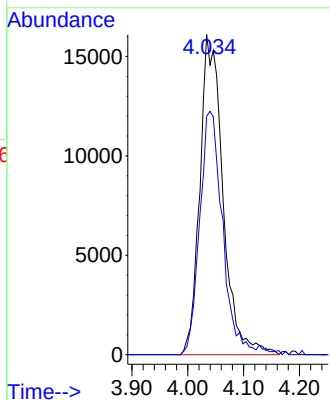
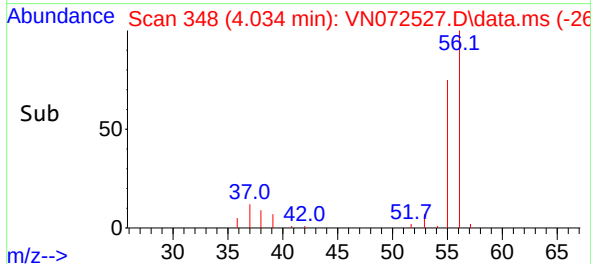
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



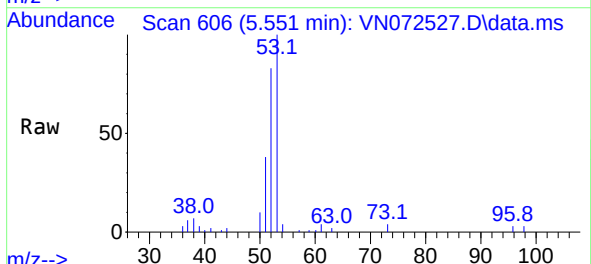
Tgt Ion: 56 Resp: 46214
Ion Ratio Lower Upper
56 100
55 74.9 57.6 86.4

Manual Integrations
APPROVED

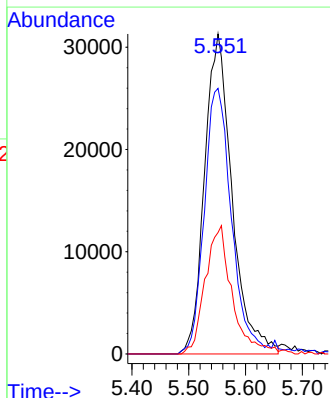
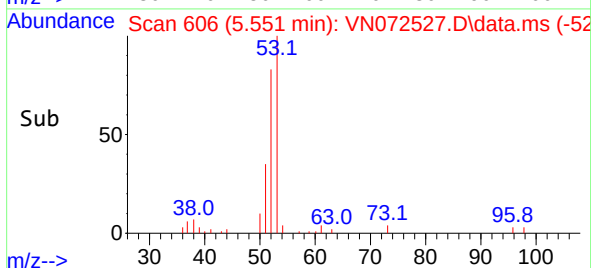
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

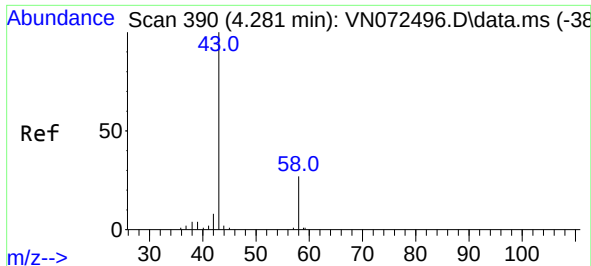


#14
Acrylonitrile
Concen: 86.207 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion: 53 Resp: 105275
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 38.8 19.0 57.0





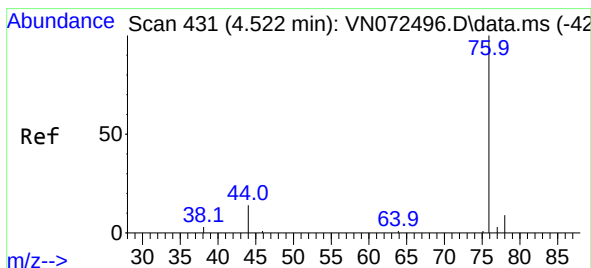
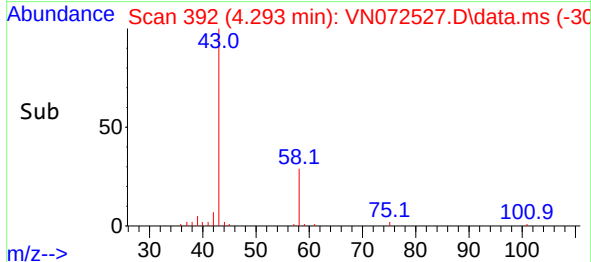
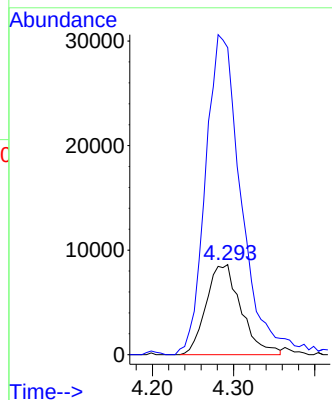
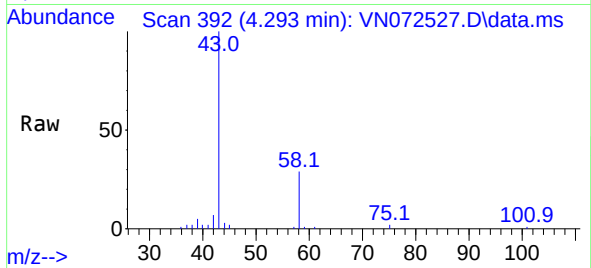
#15
Acetone
Concen: 80.457 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 25764
Ion Ratio Lower Upper
58 100
43 334.7 256.6 384.8

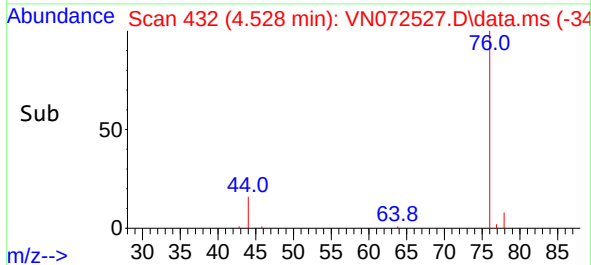
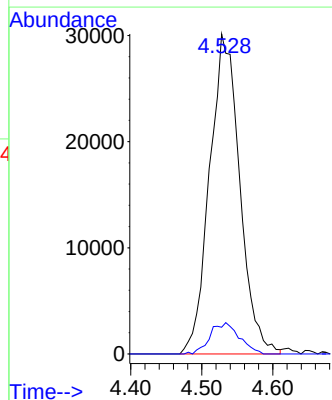
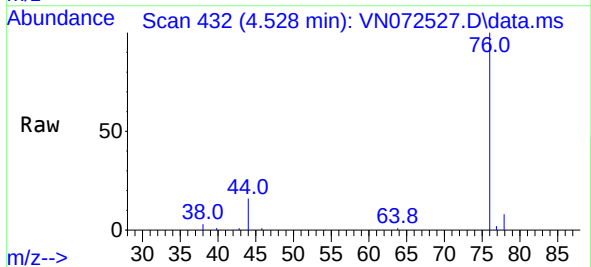
Manual Integrations
APPROVED

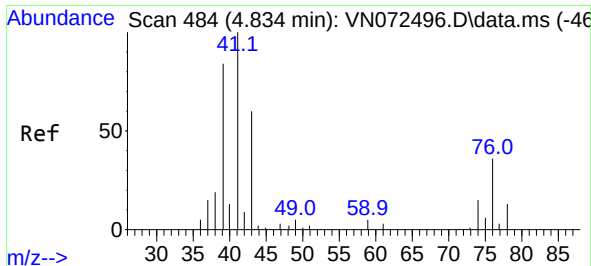
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Carbon Disulfide
Concen: 19.166 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

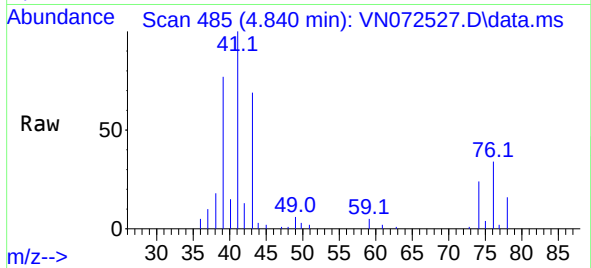
Tgt Ion: 76 Resp: 88952
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8





#17
 Allyl chloride
 Concen: 17.751 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN072527.D
 Acq: 17 May 2022 11:40

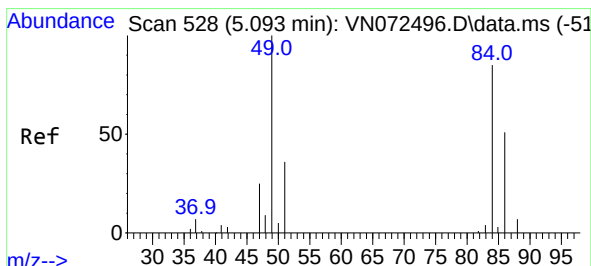
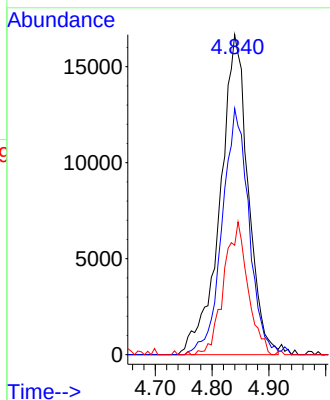
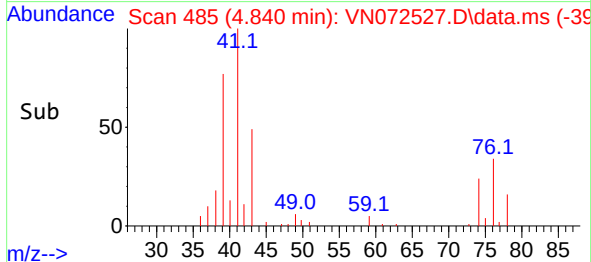
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



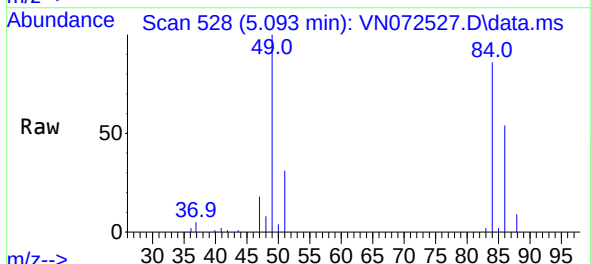
Tgt Ion: 41 Resp: 57329
 Ion Ratio Lower Upper
 41 100
 39 76.9 44.6 134.0
 76 34.2 19.6 58.7

Manual Integrations
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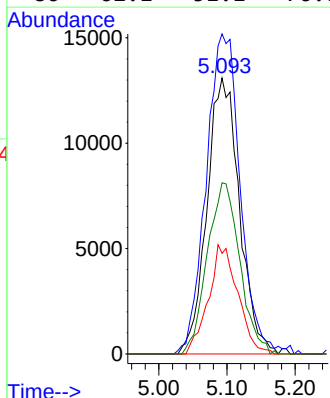
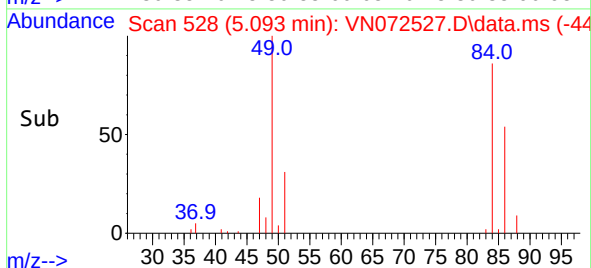
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

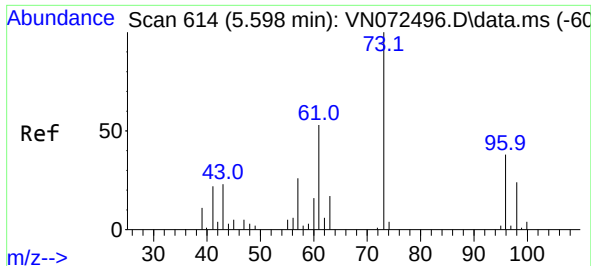


#18
 Methylene Chloride
 Concen: 20.492 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN072527.D
 Acq: 17 May 2022 11:40



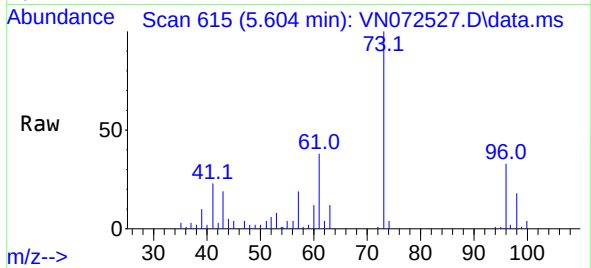
Tgt Ion: 84 Resp: 43398
 Ion Ratio Lower Upper
 84 100
 49 114.8 91.4 137.0
 51 36.5 29.4 44.0
 86 62.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.056 ug/l
RT: 5.604 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

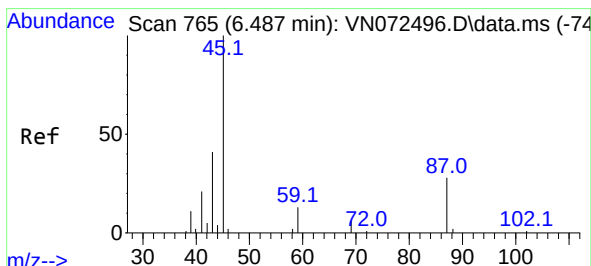
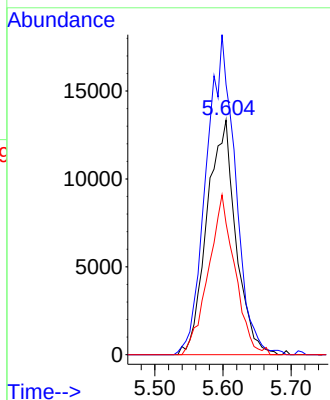
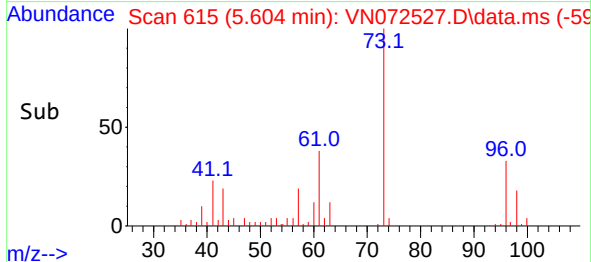
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



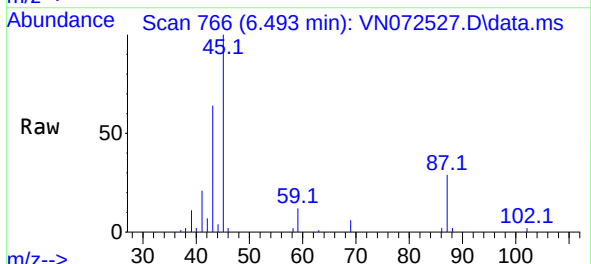
Tgt Ion: 96 Resp: 3941
Ion Ratio Lower Upper
96 100
61 114.0 102.8 154.2
98 56.0 49.3 73.9

Manual Integrations
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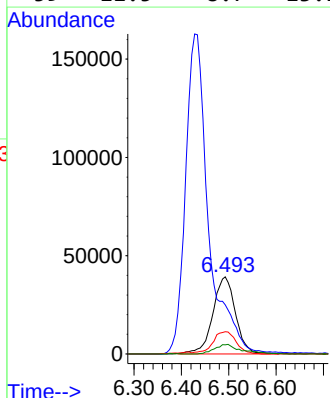
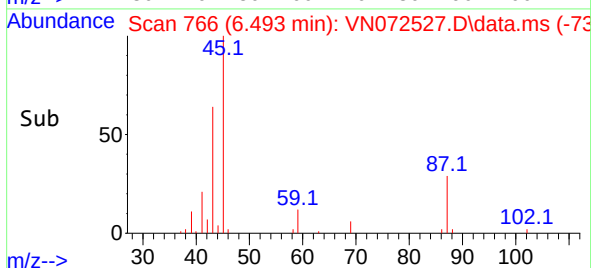
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

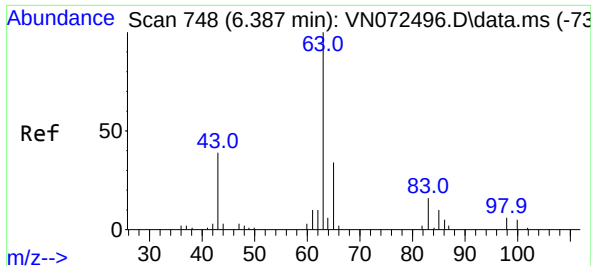


#20
Diisopropyl ether
Concen: 19.389 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion: 45 Resp: 130179
Ion Ratio Lower Upper
45 100
43 61.7 51.0 76.4
87 28.8 25.0 37.4
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.066 ug/l

RT: 6.381 min Scan# 748

Delta R.T. -0.006 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

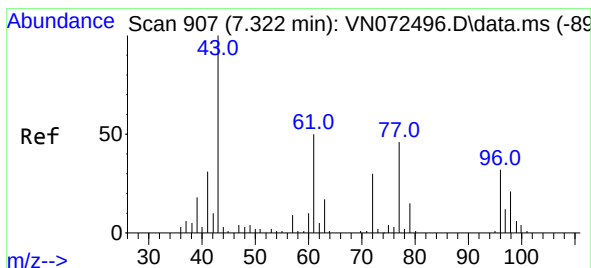
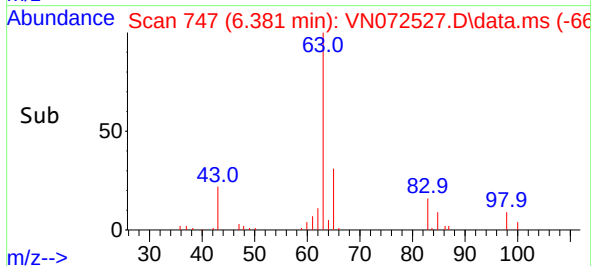
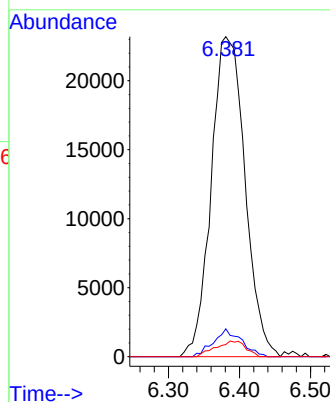
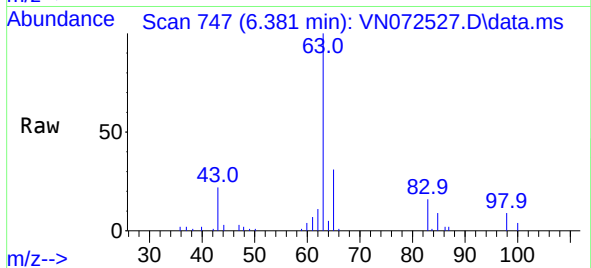
Tgt Ion: 63	Resp: 7655
Ion Ratio	Lower Upper
63 100	
98 8.7	3.2 9.6
100 3.8	2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#22

cis-1,2-Dichloroethene

Concen: 19.928 ug/l

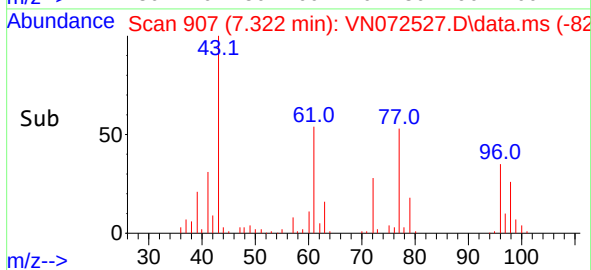
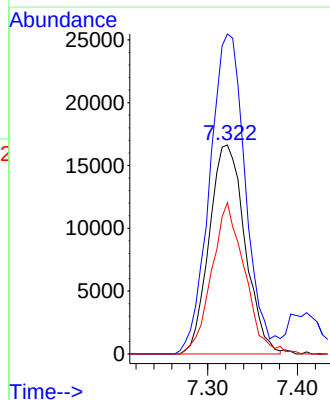
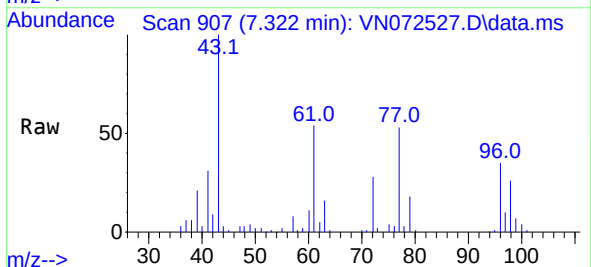
RT: 7.322 min Scan# 907

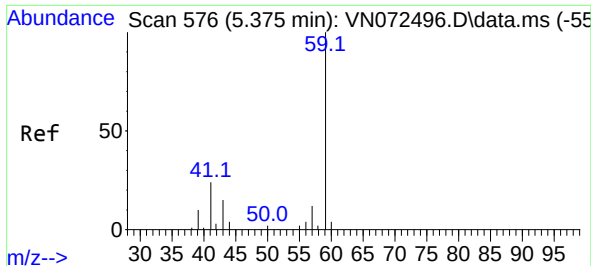
Delta R.T. 0.000 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

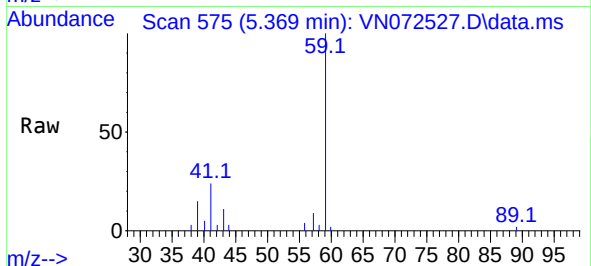
Tgt Ion: 96	Resp: 45978
Ion Ratio	Lower Upper
96 100	
61 151.8	115.7 173.5
98 66.5	51.6 77.4





#23
tert-Butyl Alcohol
Concen: 63.614 ug/l m
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

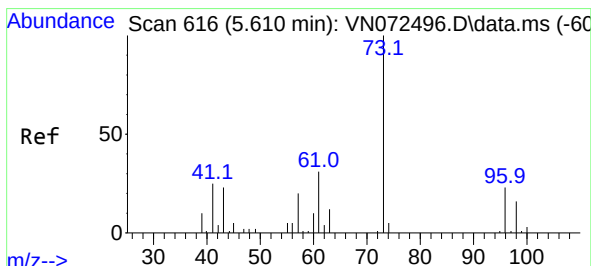
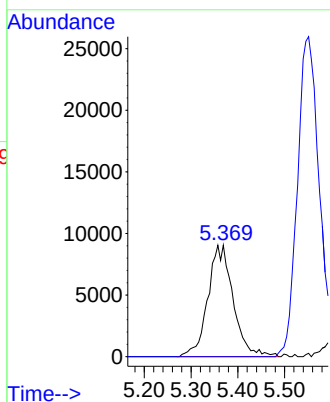
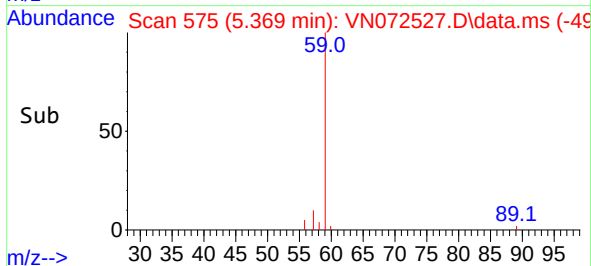
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 34075
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

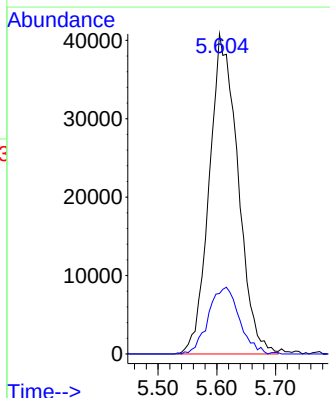
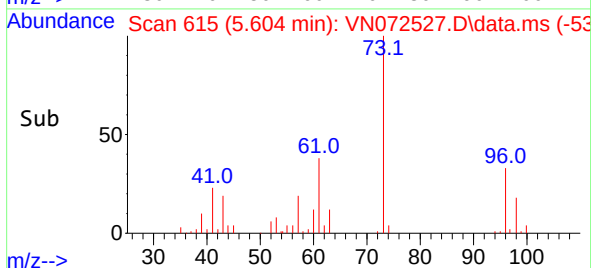
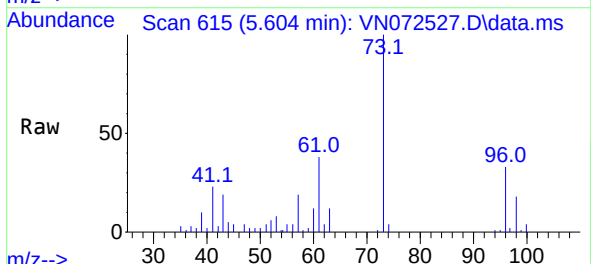
Manual Integrations
APPROVED

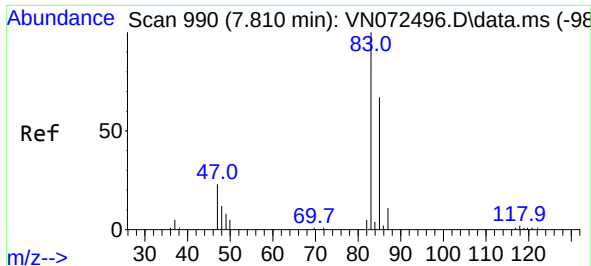
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#24
Methyl tert-Butyl Ether
Concen: 18.868 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

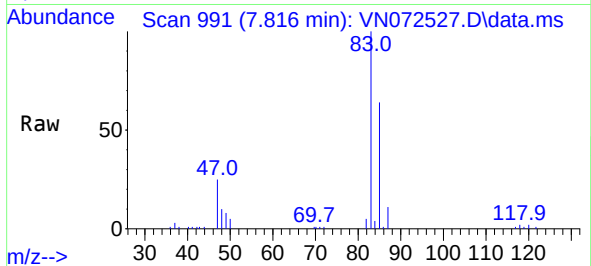
Tgt Ion: 73 Resp: 138489
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1





#25
Chloroform
Concen: 19.816 ug/l
RT: 7.816 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

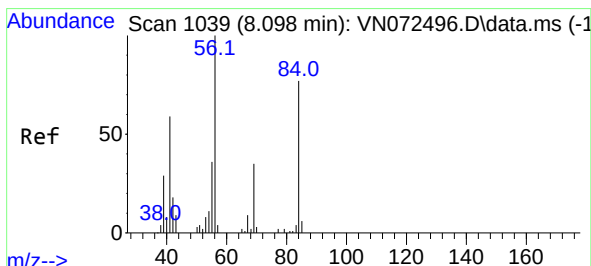
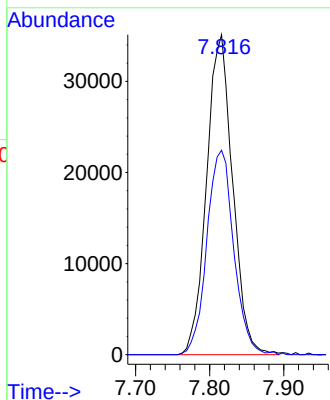
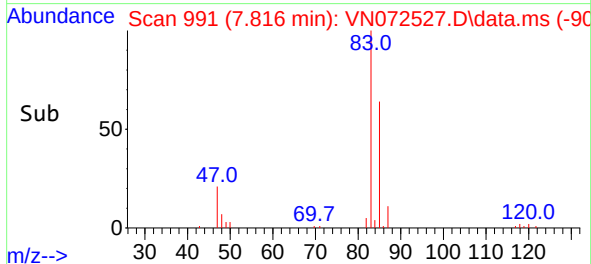
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



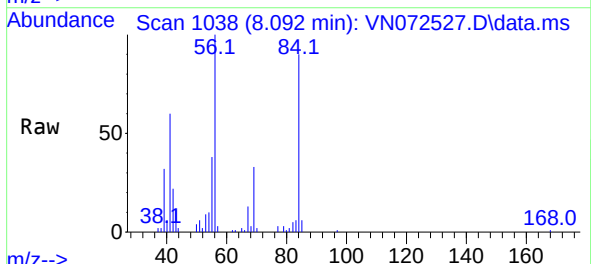
Tgt Ion: 83 Resp: 85809
Ion Ratio Lower Upper
83 100
85 63.9 51.3 76.9

Manual Integrations
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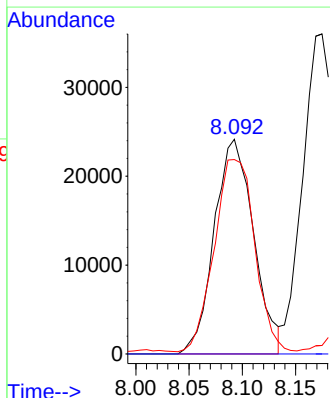
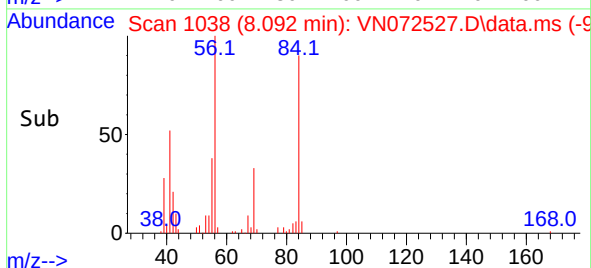
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

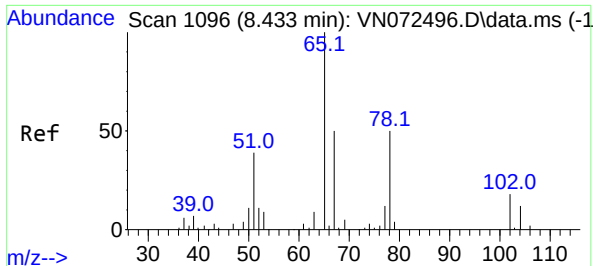


#26
Cyclohexane
Concen: 19.093 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion: 56 Resp: 62211
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 27.996 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

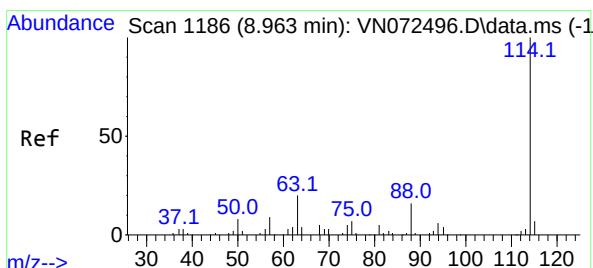
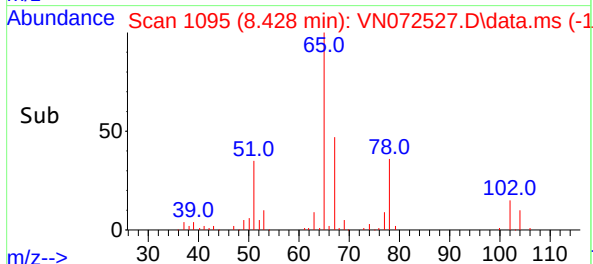
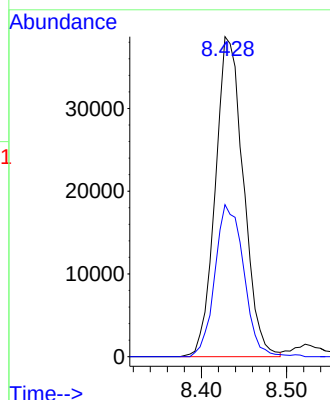
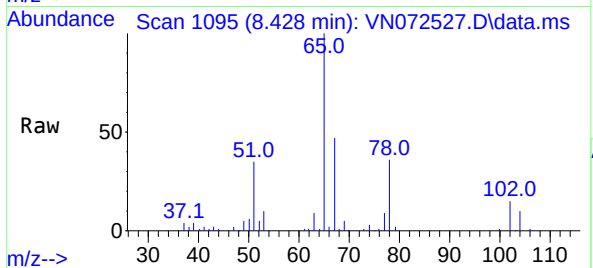
VSTDCCC020

Tgt Ion: 65 Resp: 8867
Ion Ratio Lower Upper
65 100
67 48.6 40.2 60.2

Manual Integrations

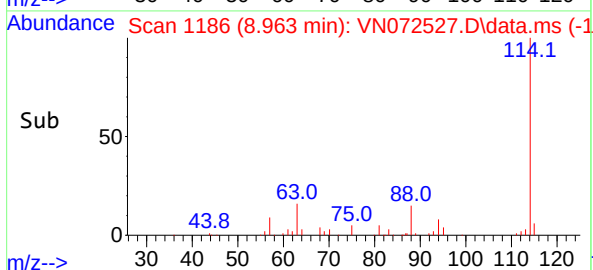
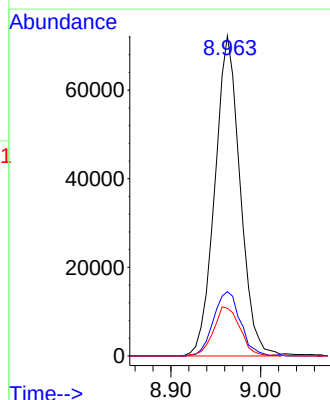
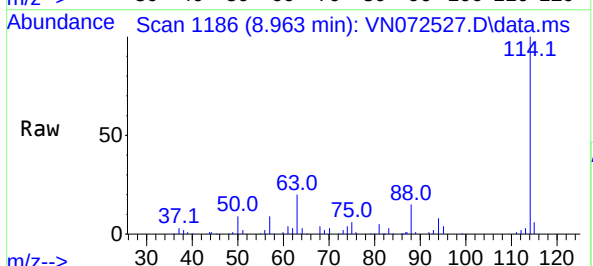
APPROVED

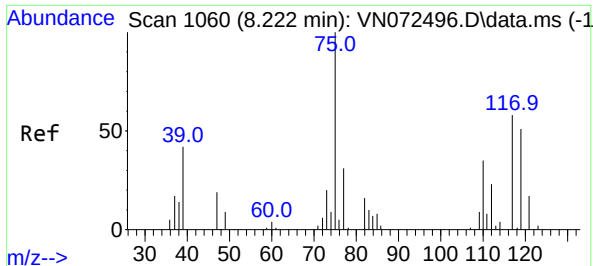
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion:114 Resp: 141427
Ion Ratio Lower Upper
114 100
63 21.3 15.8 23.6
88 16.0 11.6 17.4





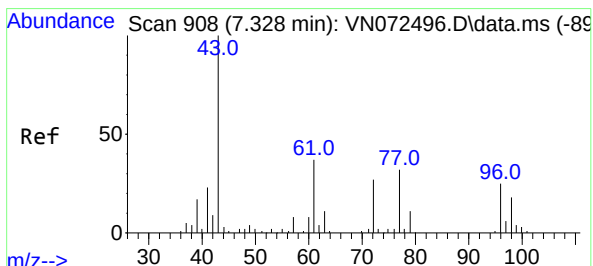
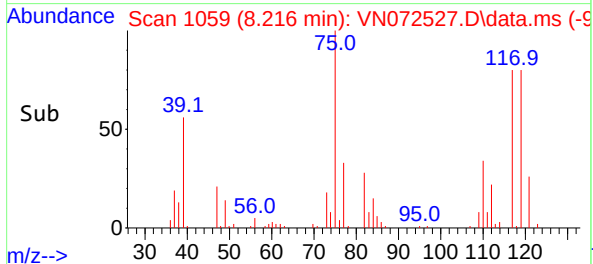
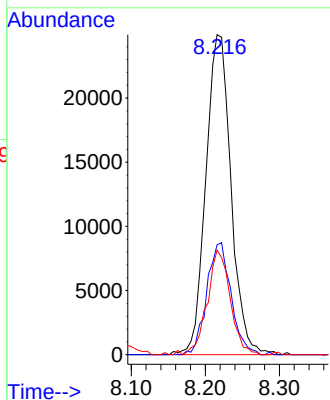
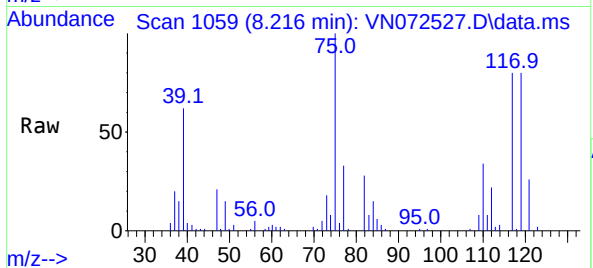
#29
1,1-Dichloropropene
Concen: 20.876 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 58800
Ion Ratio Lower Upper
75 100
110 33.8 0.0 74.2
77 29.8 0.0 63.2

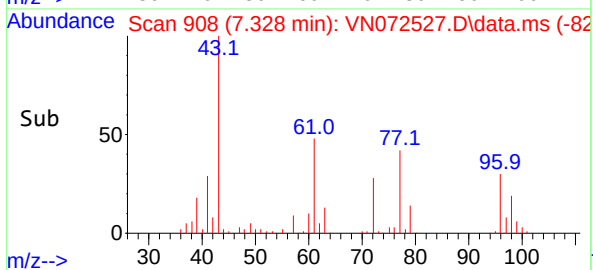
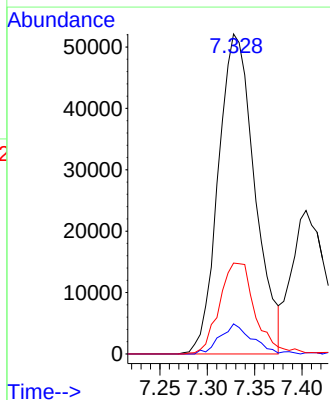
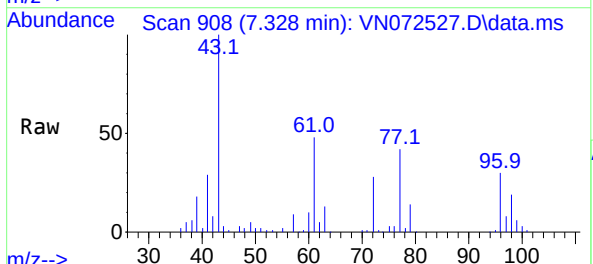
Manual Integrations
APPROVED

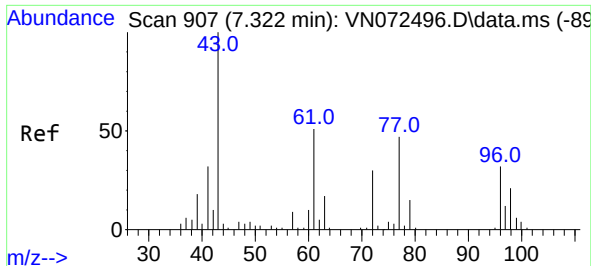
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
2-Butanone
Concen: 85.770 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 43 Resp: 139823
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 27.4 23.2 34.8





#31

2,2-Dichloropropane

Concen: 20.200 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 7058

Ion Ratio Lower Upper

77 100

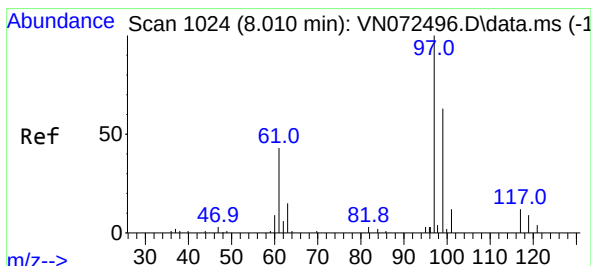
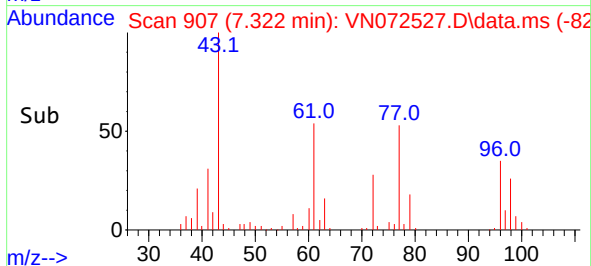
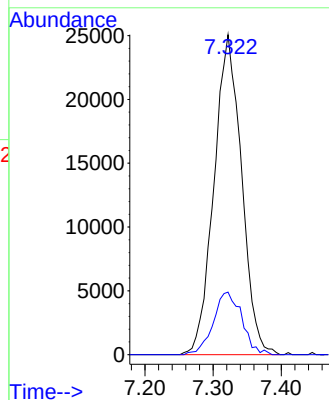
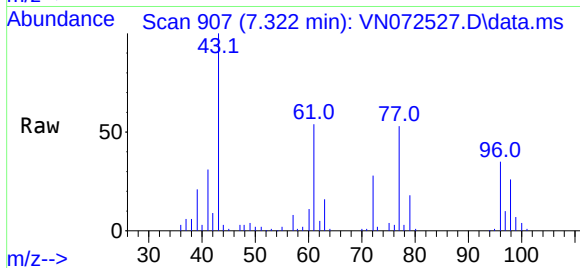
97 20.0 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#32

1,1,1-Trichloroethane

Concen: 20.536 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

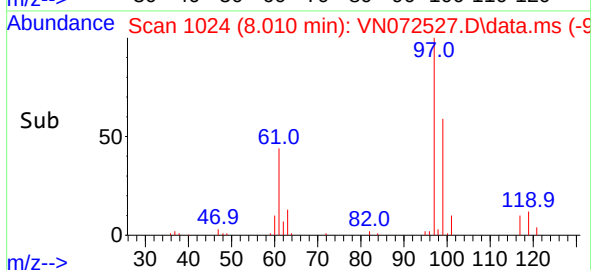
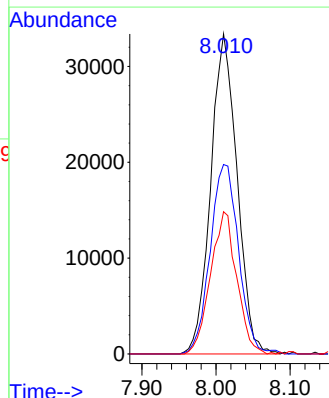
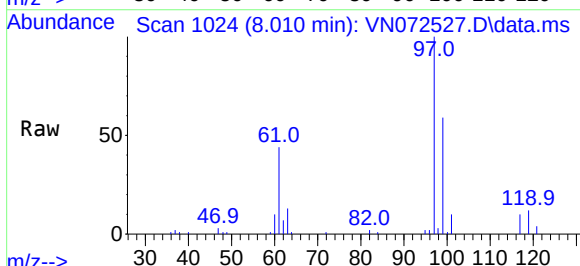
Tgt Ion: 97 Resp: 82505

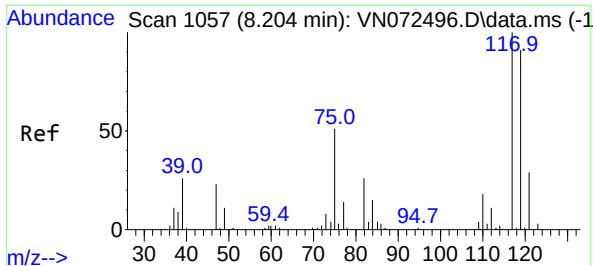
Ion Ratio Lower Upper

97 100

99 63.7 50.4 75.6

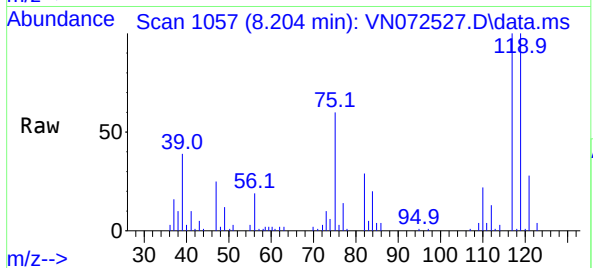
61 44.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.022 ug/l
RT: 8.204 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

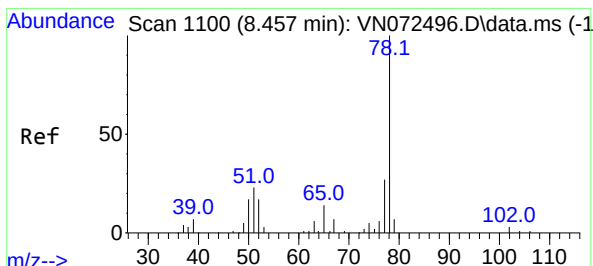
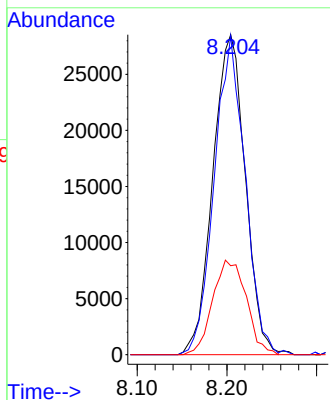
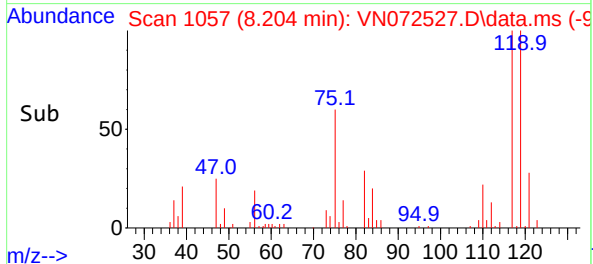
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



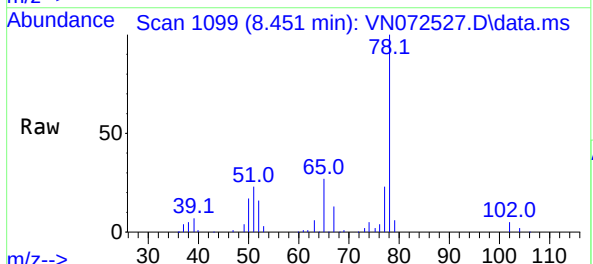
Tgt Ion:117 Resp: 7148
Ion Ratio Lower Upper
117 100
119 99.7 77.5 116.3
121 27.8 23.5 35.3

Manual Integrations
APPROVED

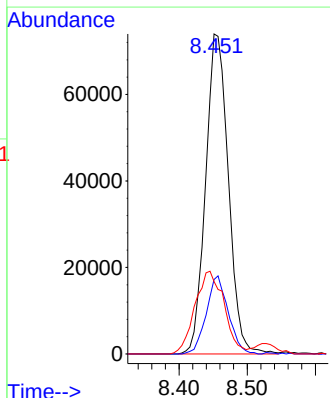
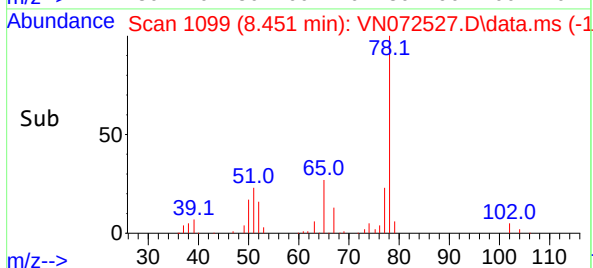
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

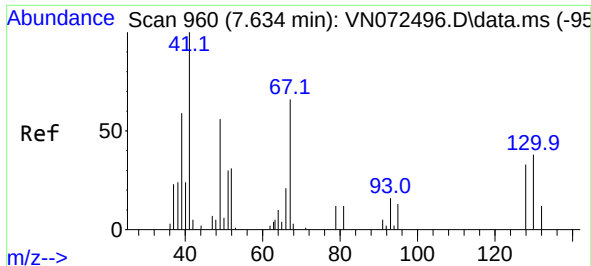


#34
Benzene
Concen: 21.494 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



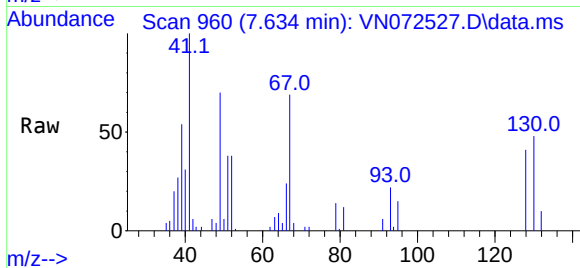
Tgt Ion: 78 Resp: 172028
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 21.5 16.0 24.0





#35
Methacrylonitrile
Concen: 18.336 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

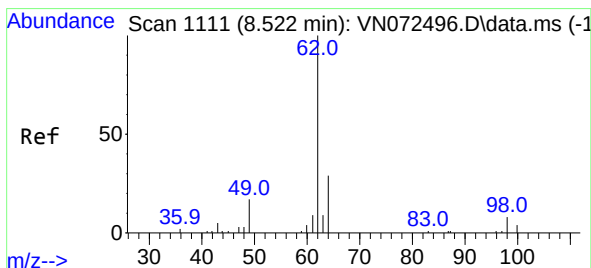
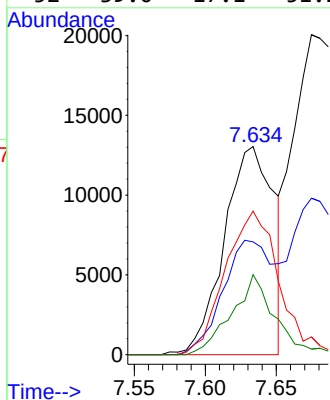
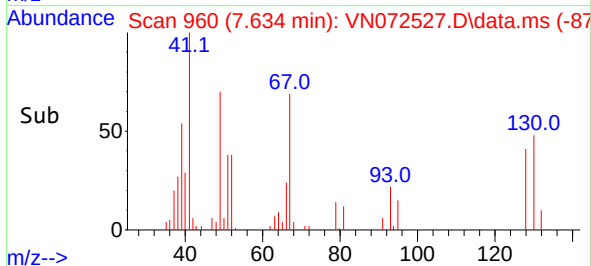
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



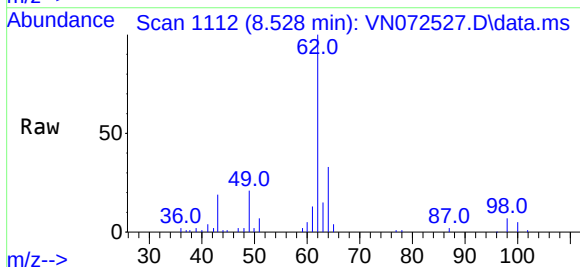
Tgt Ion: 41 Resp: 31604
Ion Ratio Lower Upper
41 100
39 54.9 28.0 83.9
67 69.9 37.7 113.1
52 39.0 17.1 51.2

Manual Integrations
APPROVED

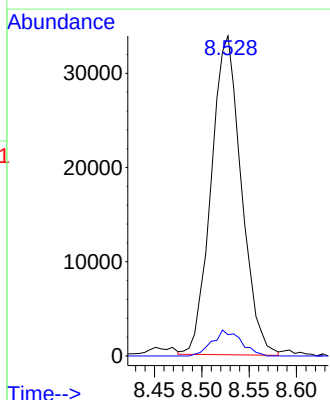
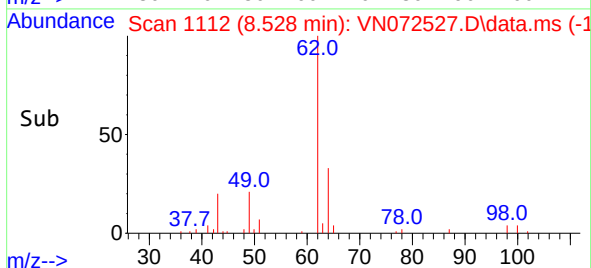
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

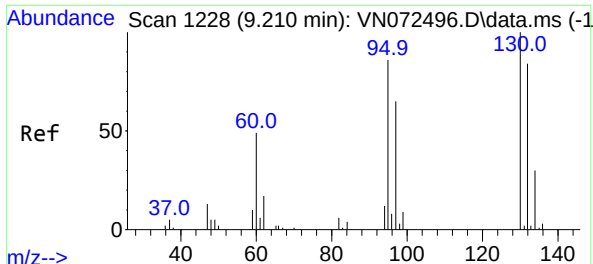


#36
1,2-Dichloroethane
Concen: 20.153 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



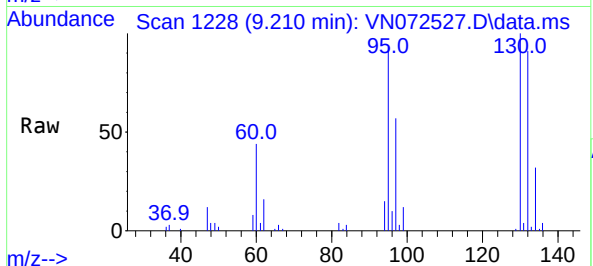
Tgt Ion: 62 Resp: 75114
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0





#37
Trichloroethene
Concen: 21.430 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

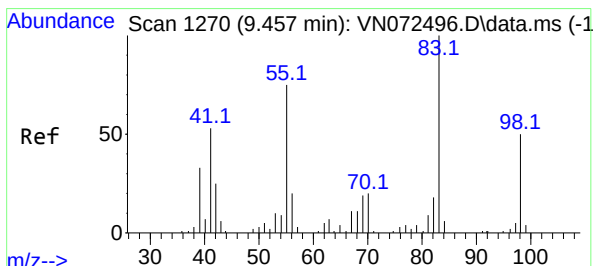
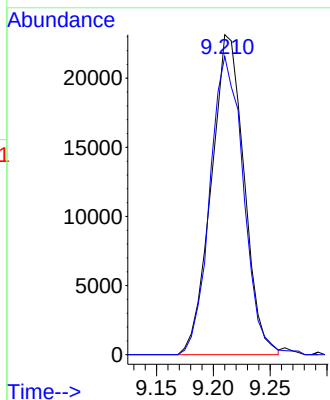
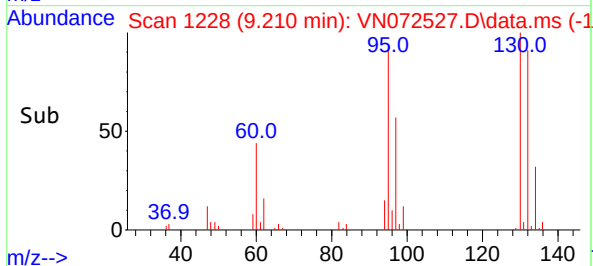
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



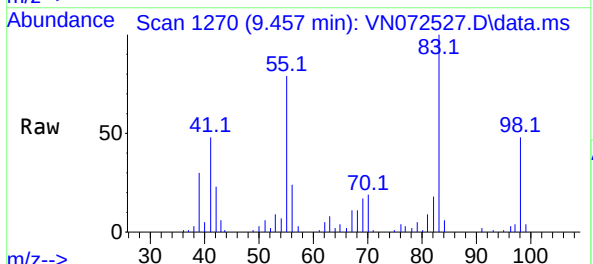
Tgt Ion:130 Resp: 46532
Ion Ratio Lower Upper
130 100
95 93.2 76.6 115.0

Manual Integrations
APPROVED

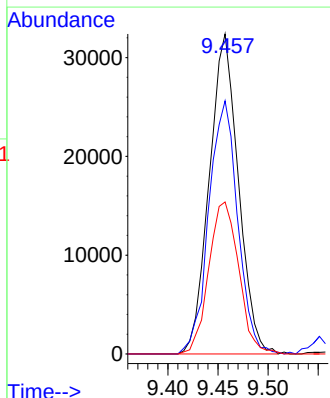
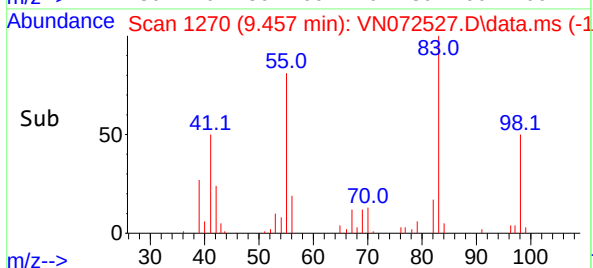
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

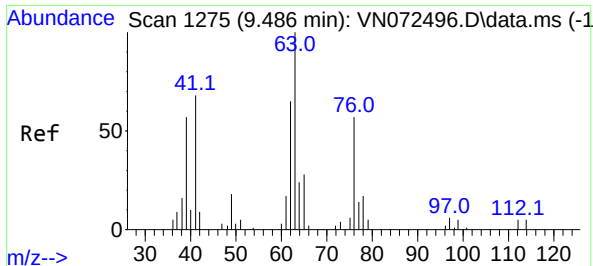


#38
Methylcyclohexane
Concen: 20.062 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion: 83 Resp: 65332
Ion Ratio Lower Upper
83 100
55 78.8 35.1 105.3
98 49.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.799 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 4394

Ion Ratio Lower Upper

63 100

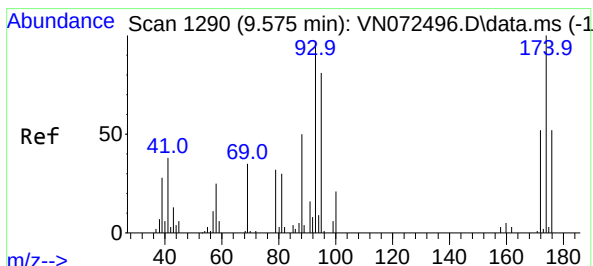
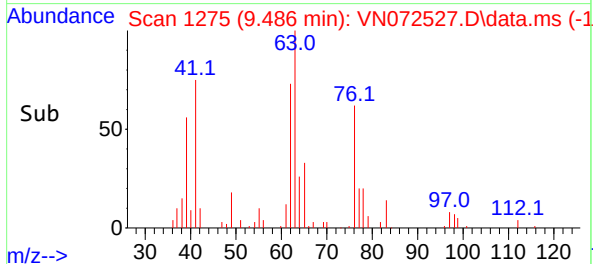
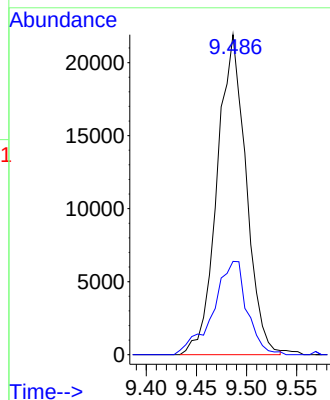
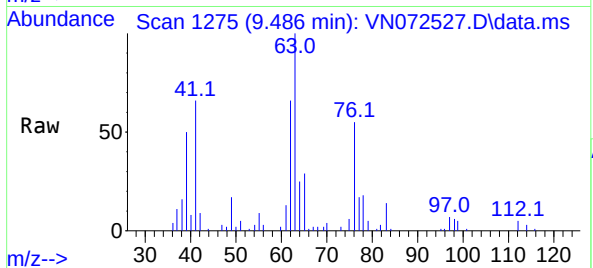
65 28.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Dibromomethane

Concen: 20.378 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

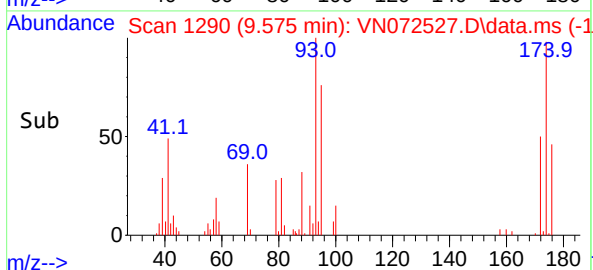
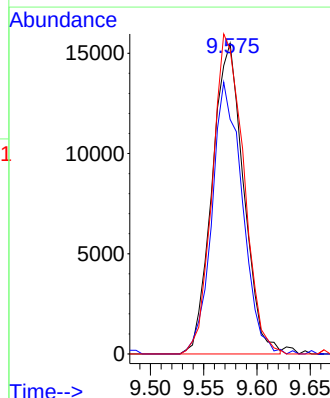
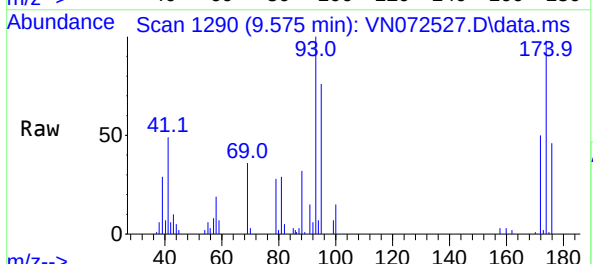
Tgt Ion: 93 Resp: 31714

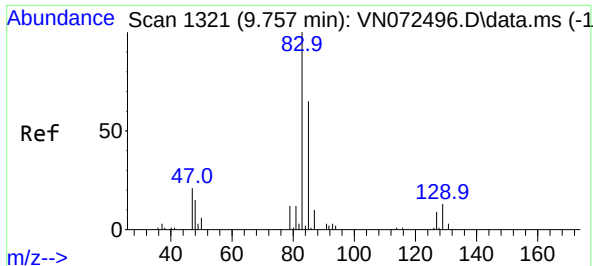
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.8

174 102.5 0.0 173.6





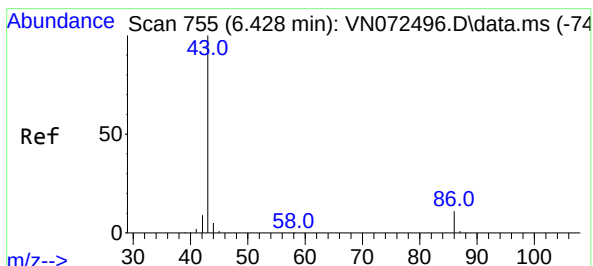
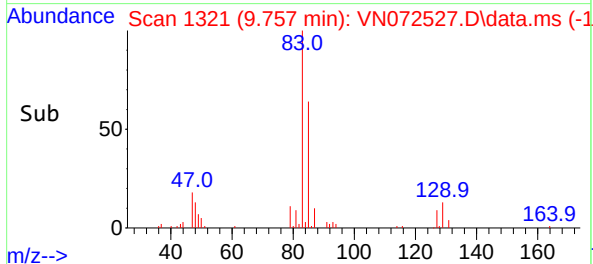
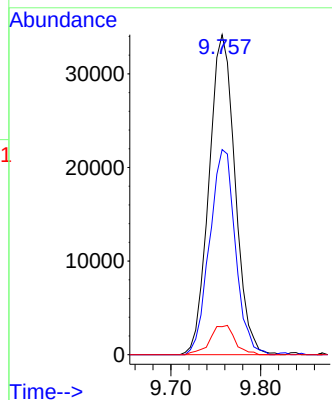
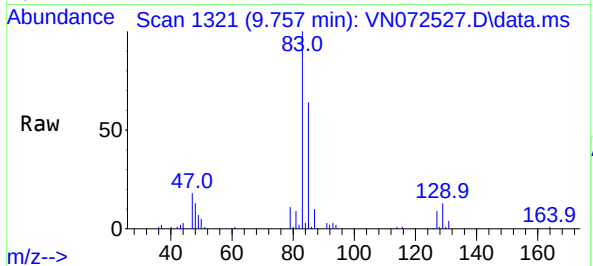
#41
Bromodichloromethane
Concen: 20.906 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6893
Ion Ratio Lower Upper
83 100
85 64.1 54.1 81.1
127 8.8 7.6 11.4

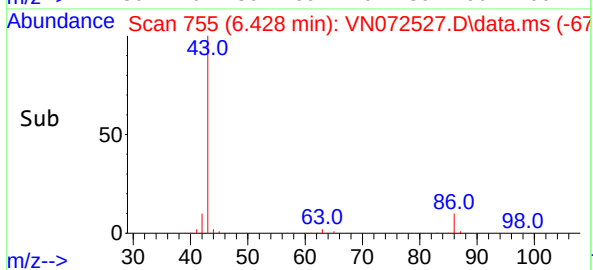
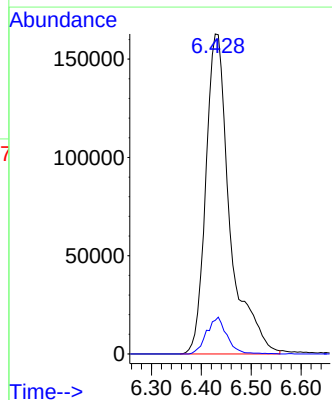
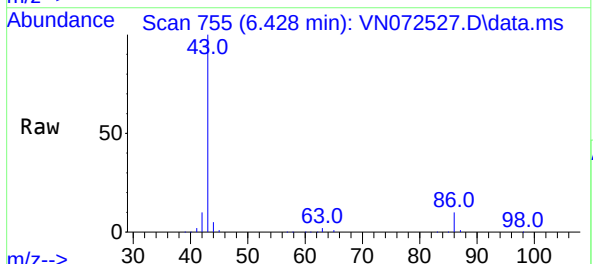
Manual Integrations
APPROVED

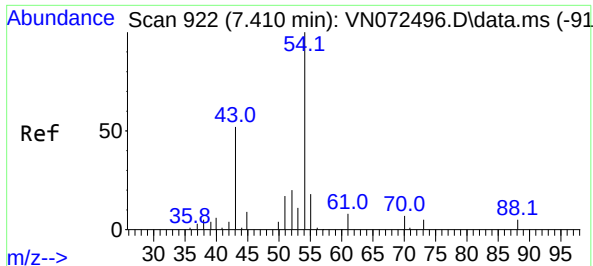
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
Vinyl Acetate
Concen: 99.610 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 43 Resp: 546553
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43
Ethyl Acetate
Concen: 18.757 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

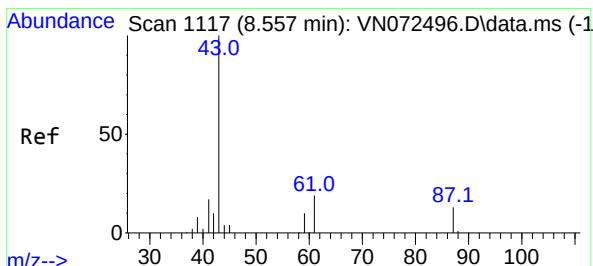
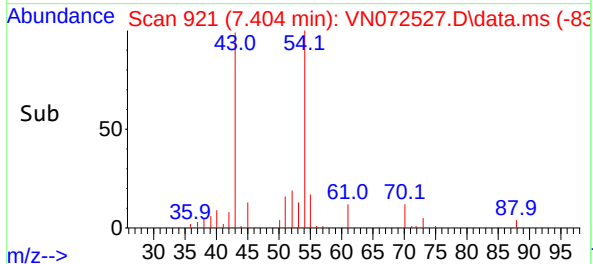
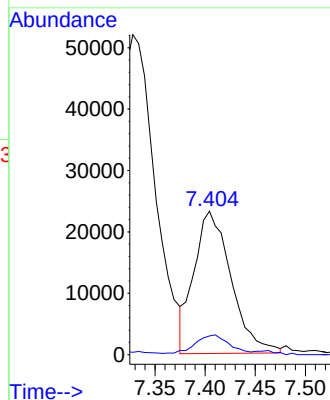
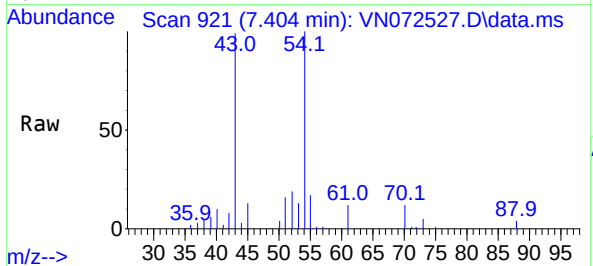
VSTDCCC020

Tgt Ion: 43 Resp: 59714
Ion Ratio Lower Upper
43 100
45 12.2 10.6 16.0

Manual Integrations

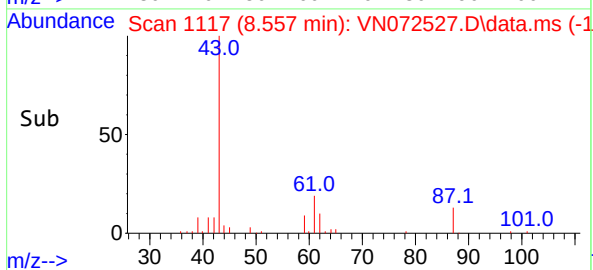
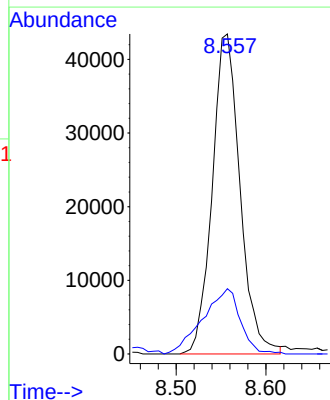
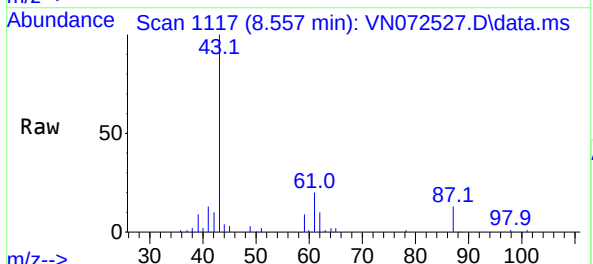
APPROVED

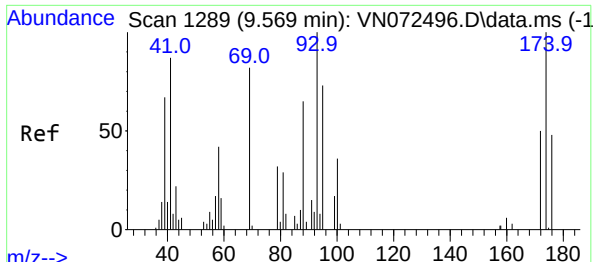
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Isopropyl Acetate
Concen: 18.356 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 43 Resp: 93545
Ion Ratio Lower Upper
43 100
61 27.2 20.1 30.1





#45

1,4-Dioxane

Concen: 287.835 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072527.D

Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 1397

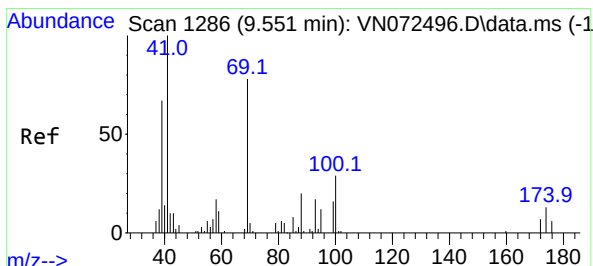
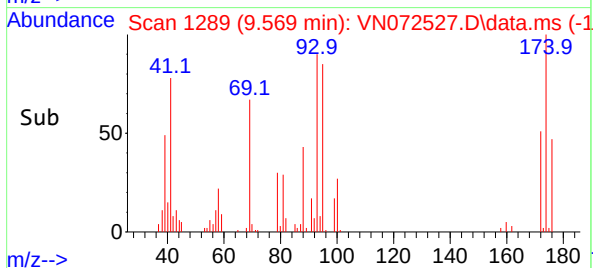
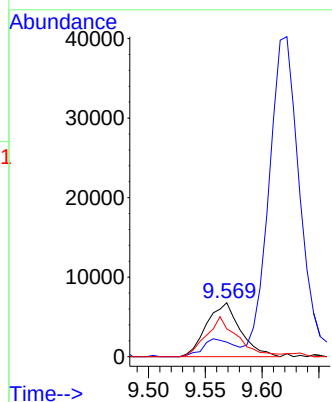
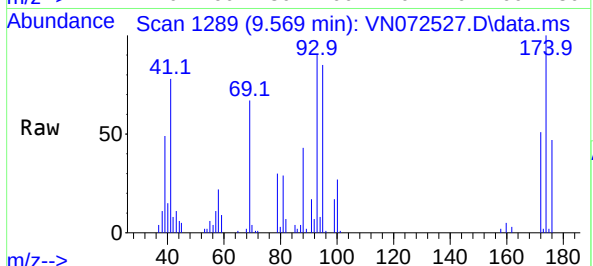
Ion	Ratio	Lower	Upper
88	100		
43	30.1	25.0	37.6
58	68.3	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Methyl methacrylate

Concen: 17.649 ug/l

RT: 9.557 min Scan# 1287

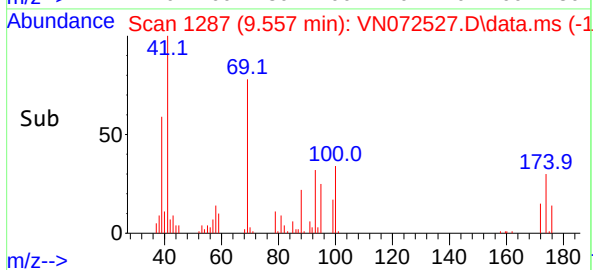
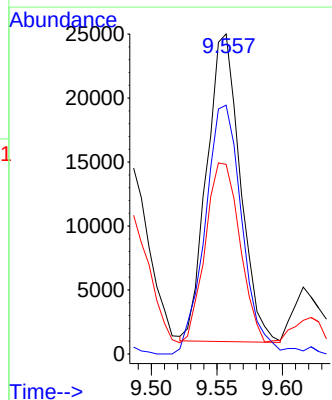
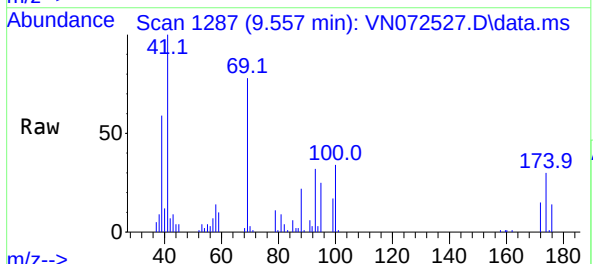
Delta R.T. 0.006 min

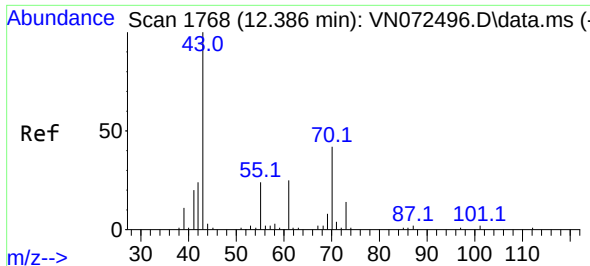
Lab File: VN072527.D

Acq: 17 May 2022 11:40

Tgt Ion: 41 Resp: 42559

Ion	Ratio	Lower	Upper
41	100		
69	79.8	44.4	133.2
39	58.2	39.9	119.6





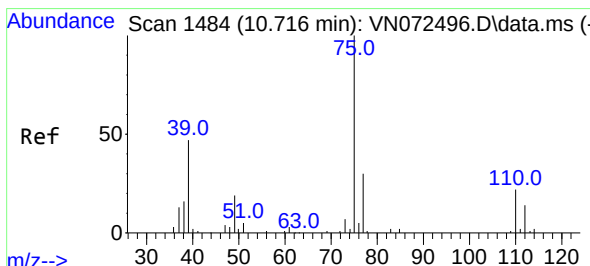
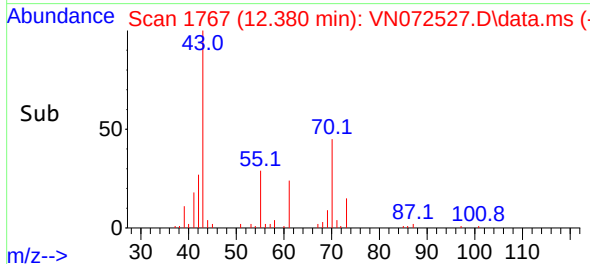
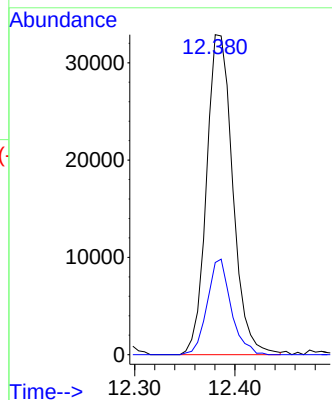
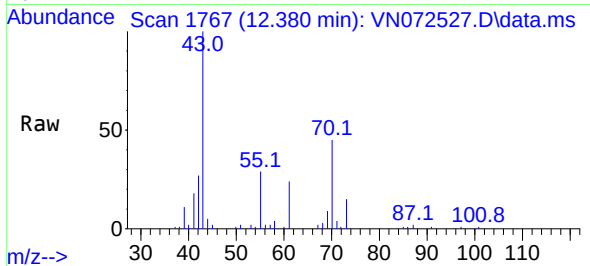
#47
n-amy1 Acetate
Concen: 17.575 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 5995
Ion Ratio Lower Upper
43 100
55 27.1 19.0 28.6

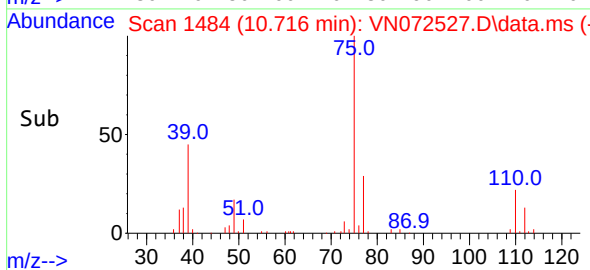
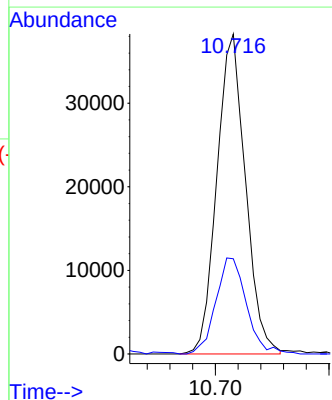
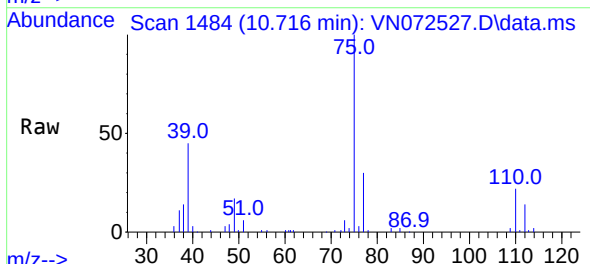
Manual Integrations
APPROVED

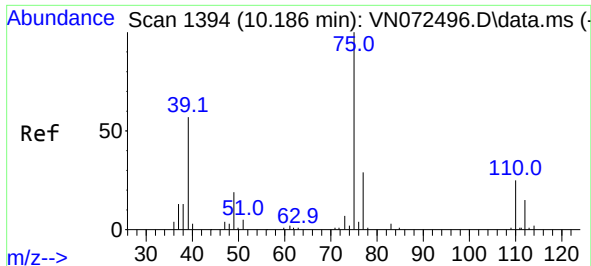
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
t-1,3-Dichloropropene
Concen: 19.196 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 75 Resp: 66815
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.984 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

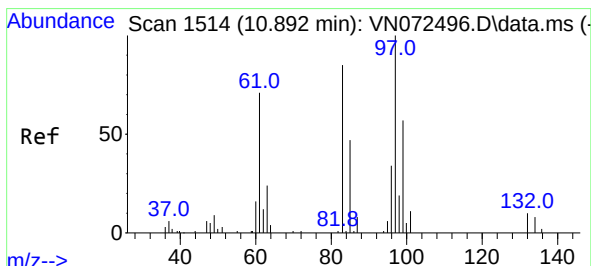
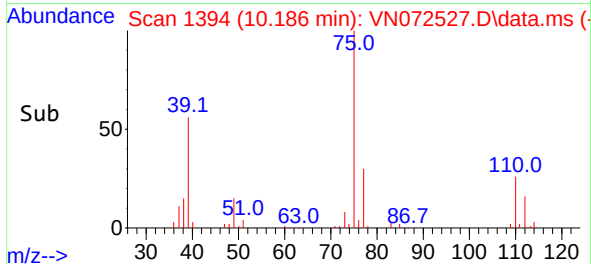
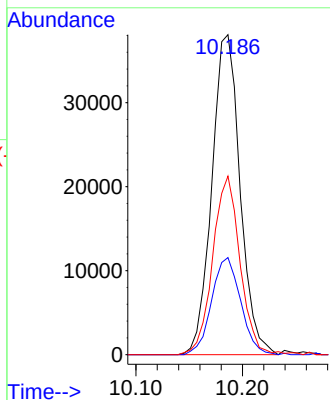
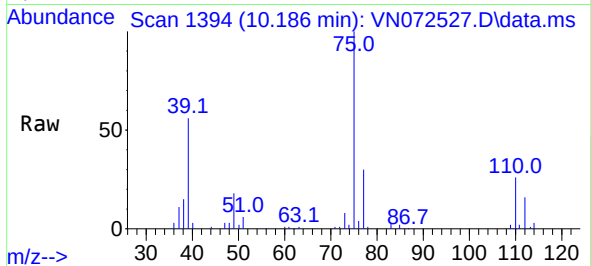
VSTDCCC020

Tgt Ion: 75 Resp: 70109
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 55.8 46.2 69.4

Manual Integrations

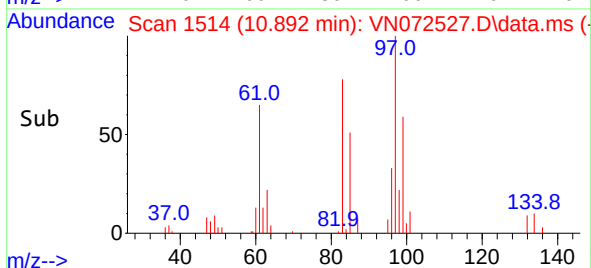
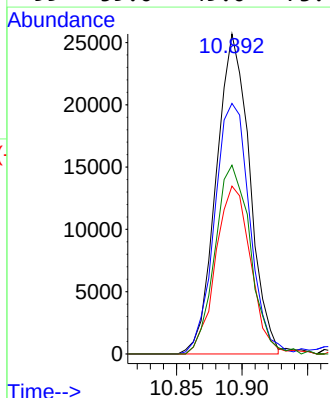
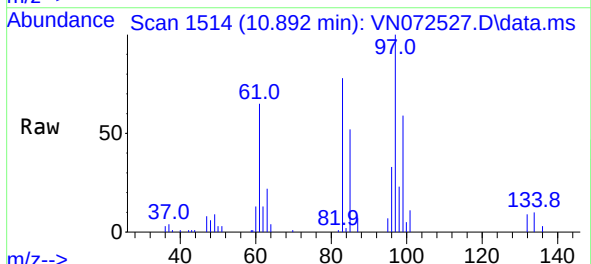
APPROVED

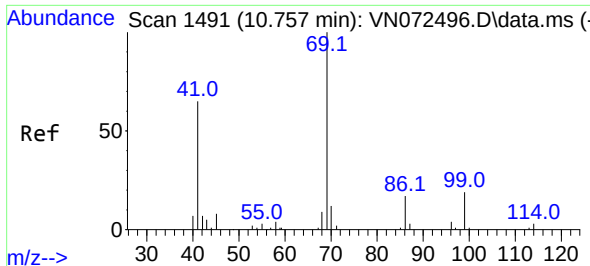
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
1,1,2-Trichloroethane
Concen: 21.196 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 97 Resp: 45500
Ion Ratio Lower Upper
97 100
83 78.3 67.2 100.8
85 52.5 43.0 64.4
99 59.0 49.0 73.4





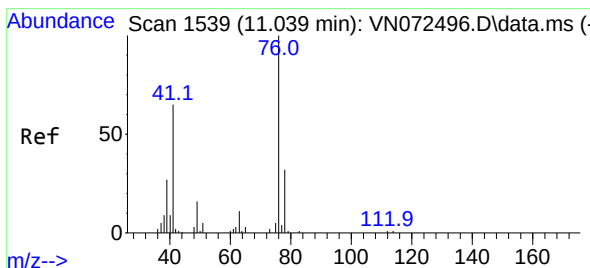
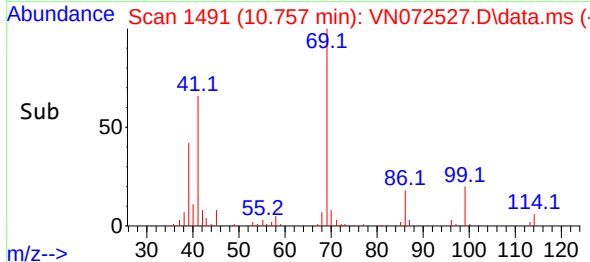
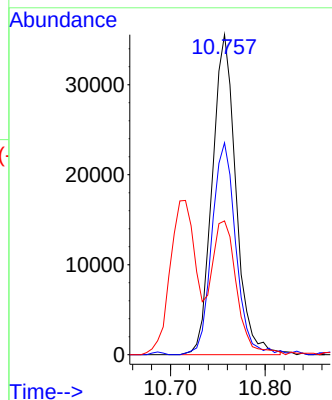
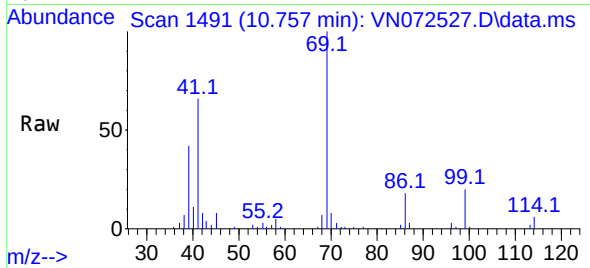
#51
Ethyl methacrylate
Concen: 18.434 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 61700
Ion Ratio Lower Upper
69 100
41 66.2 33.0 98.9
39 41.0 25.4 76.4

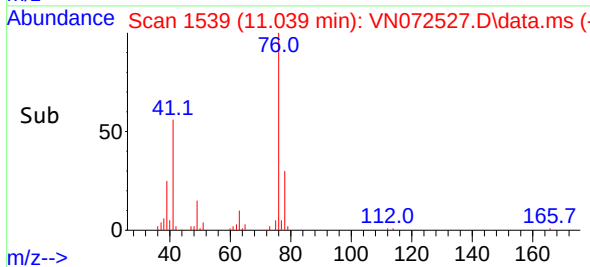
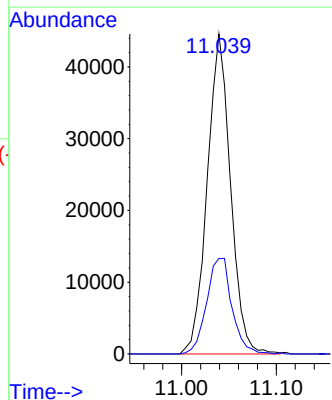
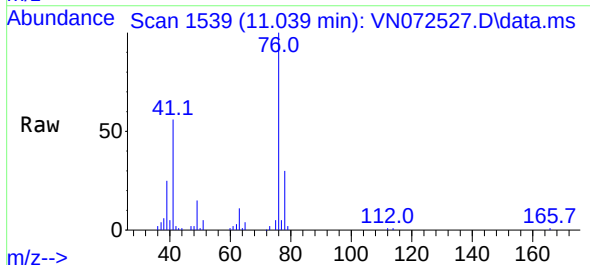
Manual Integrations
APPROVED

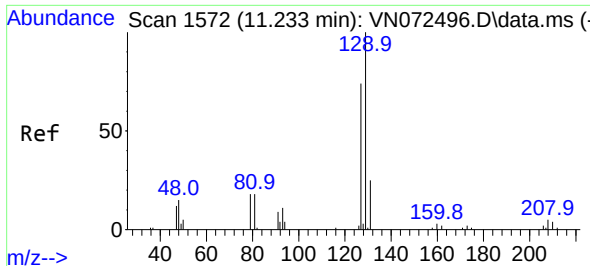
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
1,3-Dichloropropane
Concen: 20.560 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

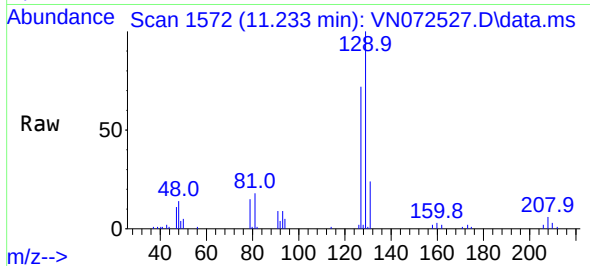
Tgt Ion: 76 Resp: 76253
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





#53
Dibromochloromethane
Concen: 20.796 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

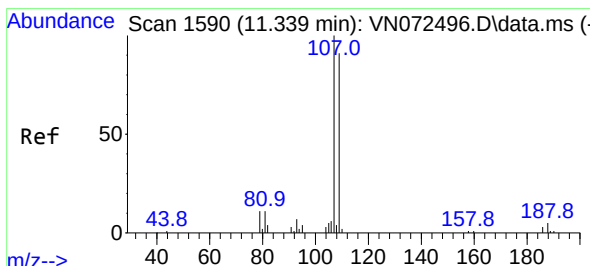
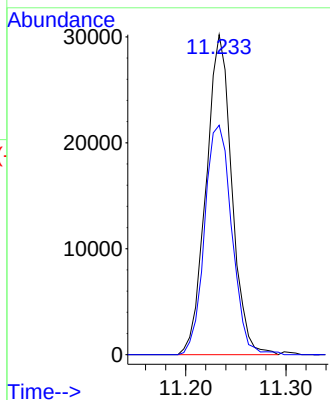
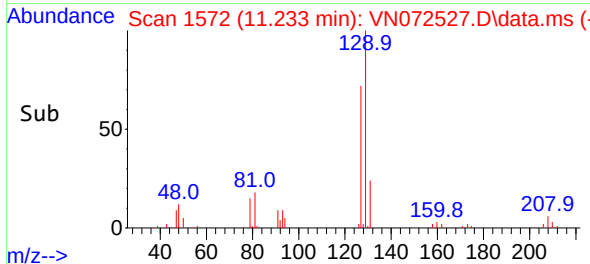
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



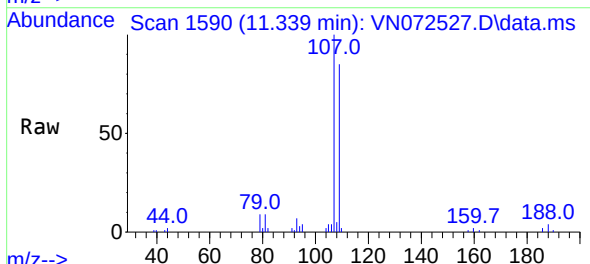
Tgt Ion:129 Resp: 5389
Ion Ratio Lower Upper
129 100
127 75.5 39.0 117.0

Manual Integrations
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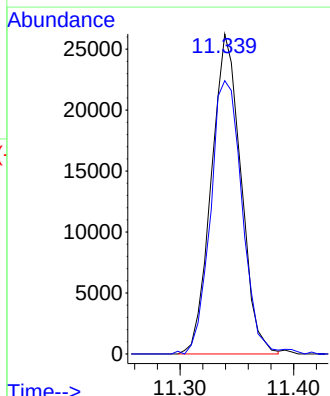
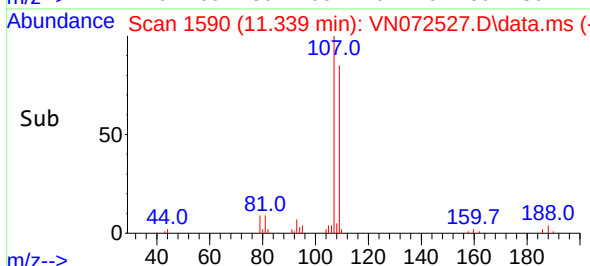
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

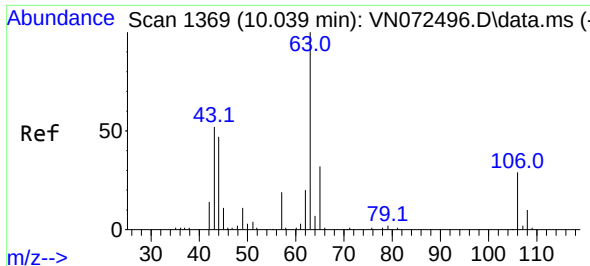


#54
1,2-Dibromoethane
Concen: 20.759 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion:107 Resp: 47402
Ion Ratio Lower Upper
107 100
109 90.5 72.8 109.2





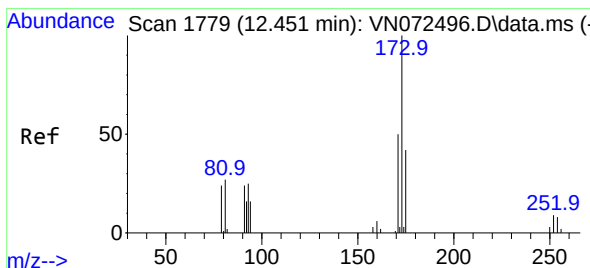
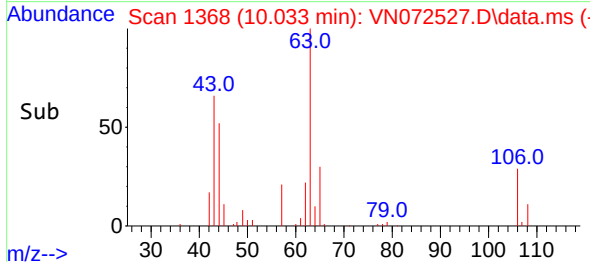
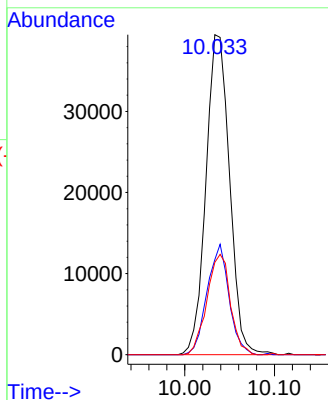
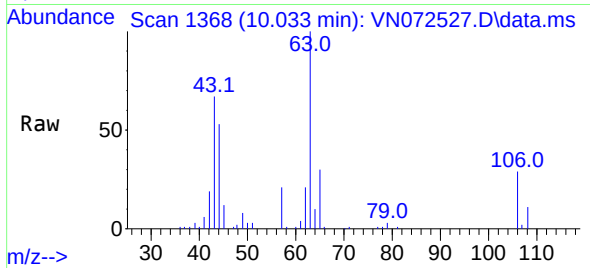
#55
2-Chloroethyl vinyl ether
Concen: 85.063 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 72244
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 31.1 23.2 34.8

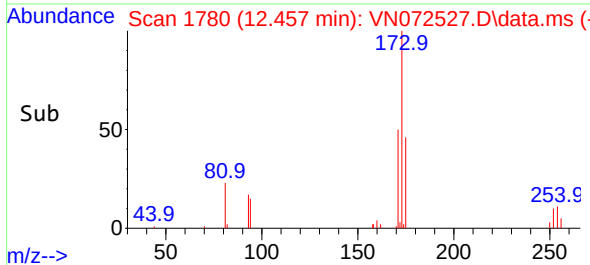
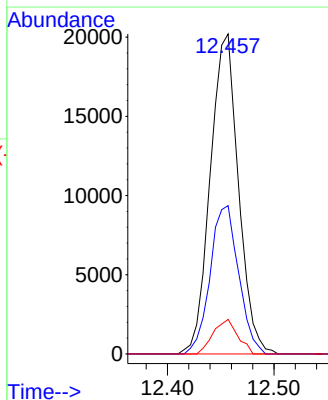
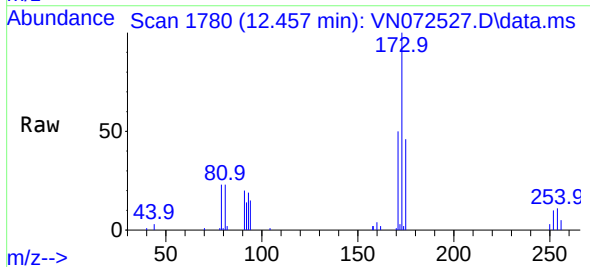
Manual Integrations
APPROVED

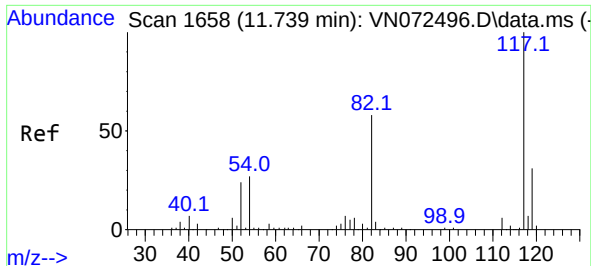
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#56
Bromoform
Concen: 18.984 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

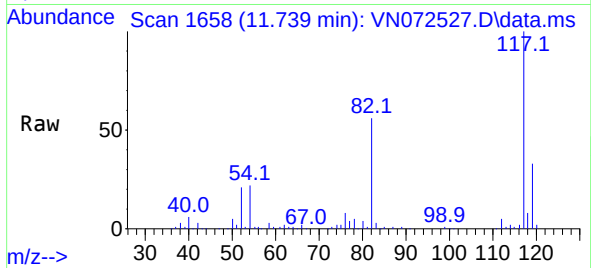
Tgt Ion:173 Resp: 37108
Ion Ratio Lower Upper
173 100
175 46.8 38.6 58.0
254 9.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

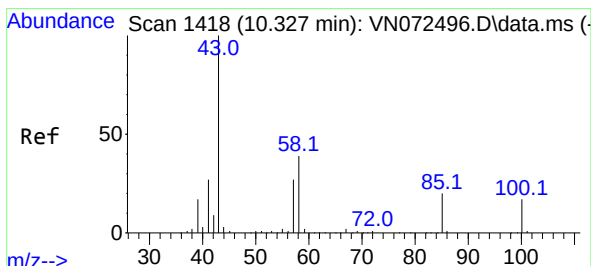
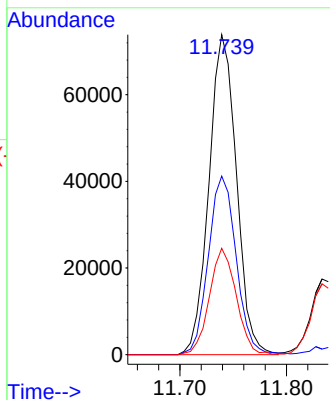
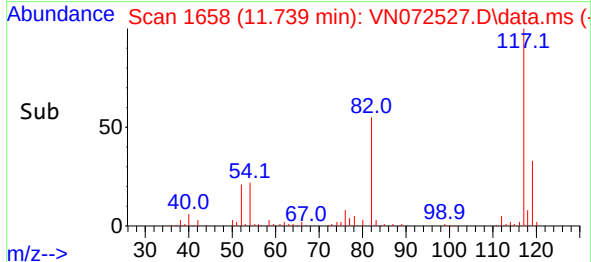
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



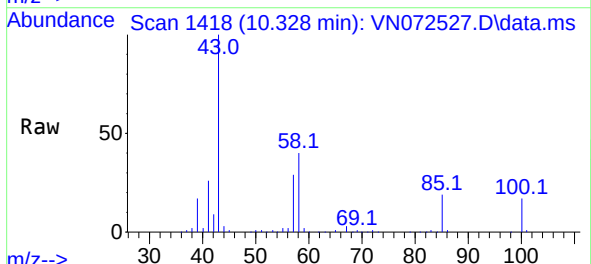
Tgt Ion: 117 Resp: 132448
Ion Ratio Lower Upper
117 100
82 56.6 43.6 65.4
119 32.4 25.8 38.6

Manual Integrations
APPROVED

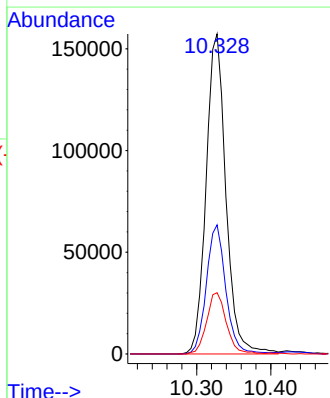
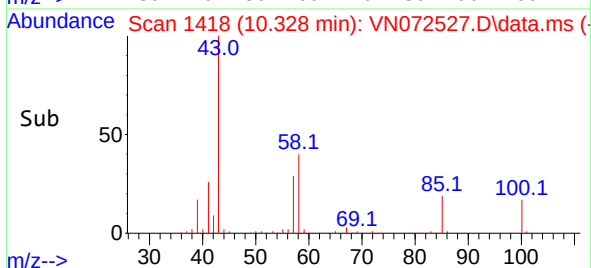
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

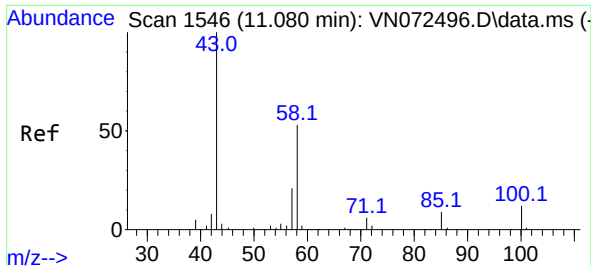


#58
4-Methyl-2-Pentanone
Concen: 93.531 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



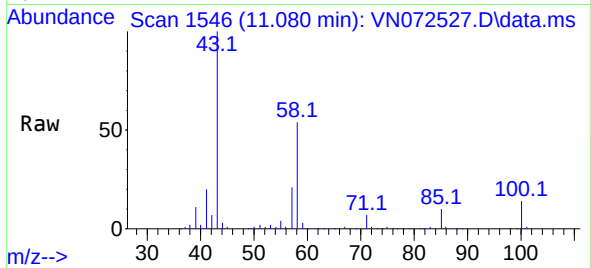
Tgt Ion: 43 Resp: 291905
Ion Ratio Lower Upper
43 100
58 39.6 30.0 45.0
85 19.1 15.0 22.6





#59
2-Hexanone
Concen: 86.198 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

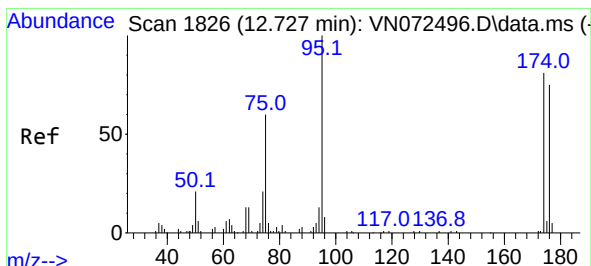
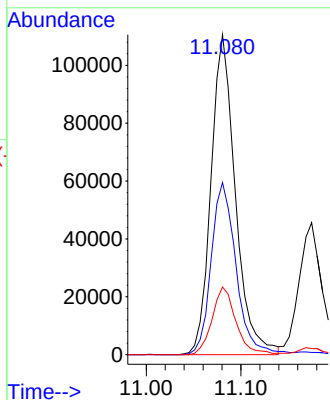
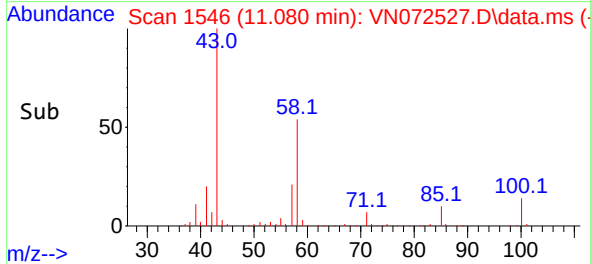
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



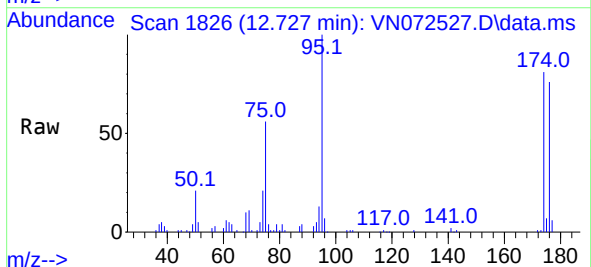
Tgt Ion: 43 Resp: 197630
Ion Ratio Lower Upper
43 100
58 55.0 42.2 63.2
57 20.6 15.0 22.4

Manual Integrations
APPROVED

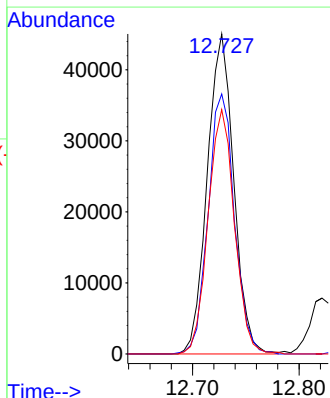
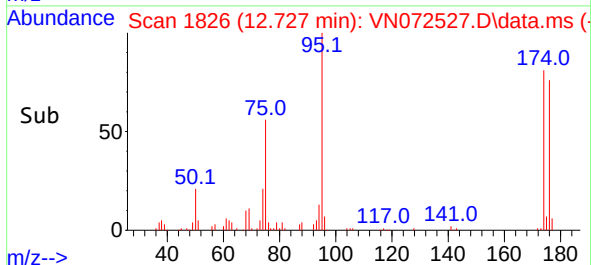
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

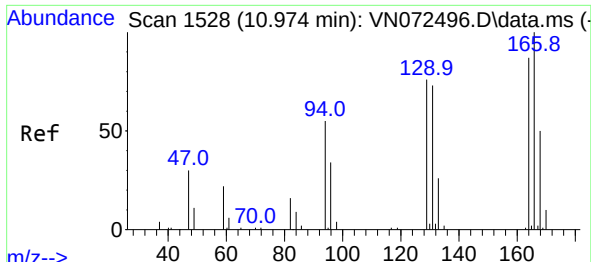


#60
4-Bromofluorobenzene
Concen: 30.042 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



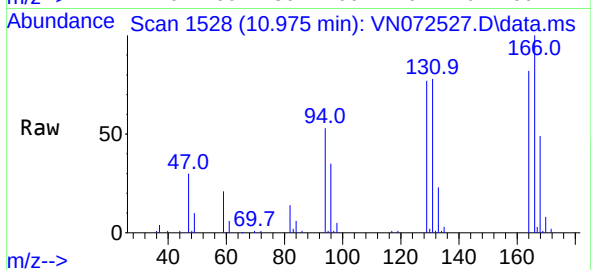
Tgt Ion: 95 Resp: 77693
Ion Ratio Lower Upper
95 100
174 81.0 62.9 94.3
176 75.8 61.0 91.4





#61
Tetrachloroethene
Concen: 22.434 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

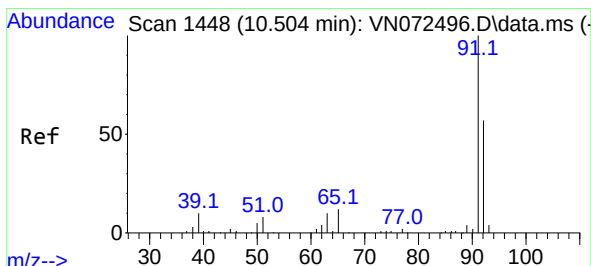
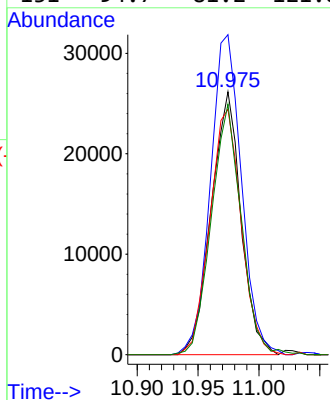
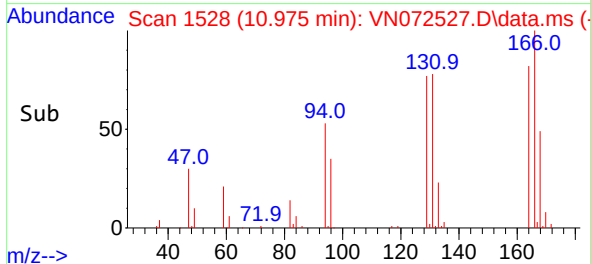
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



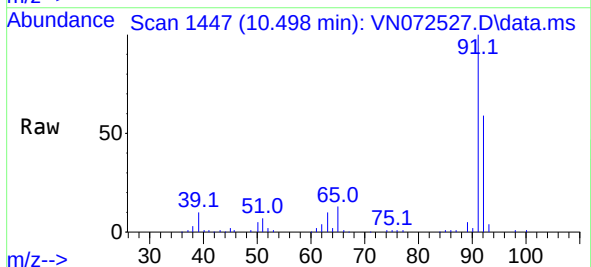
Tgt Ion:164 Resp: 4449
Ion Ratio Lower Upper
164 100
166 121.1 105.8 158.8
129 93.3 82.5 123.7
131 94.7 81.2 121.8

Manual Integrations
APPROVED

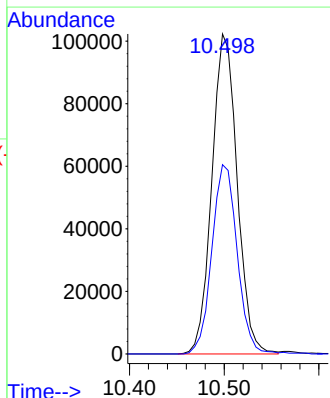
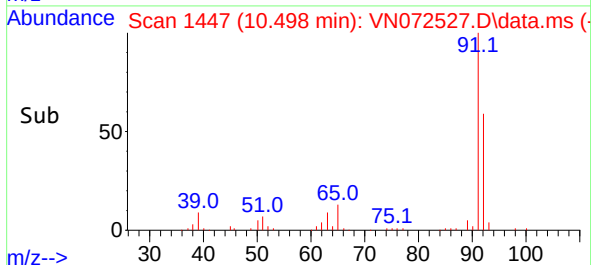
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

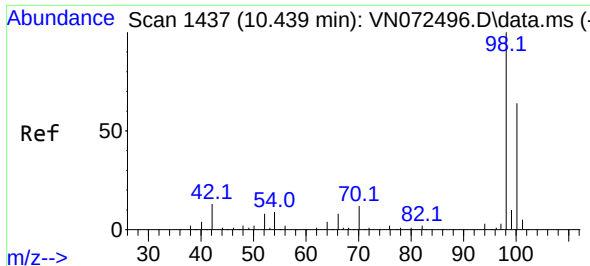


#62
Toluene
Concen: 21.212 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion: 91 Resp: 189800
Ion Ratio Lower Upper
91 100
92 59.2 44.6 67.0





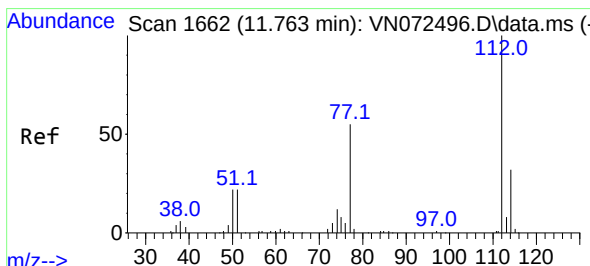
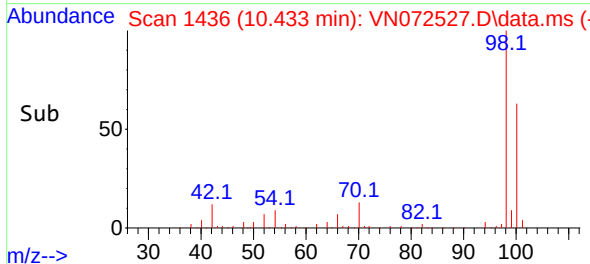
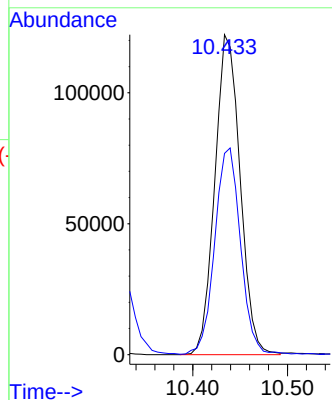
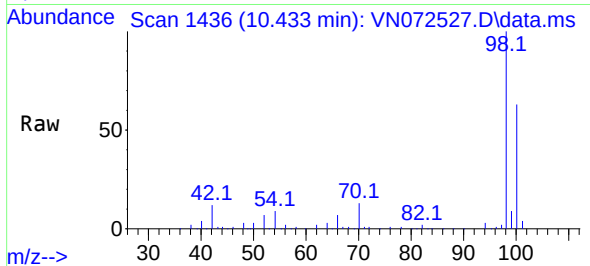
#63
Toluene-d8
Concen: 31.382 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 226895
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

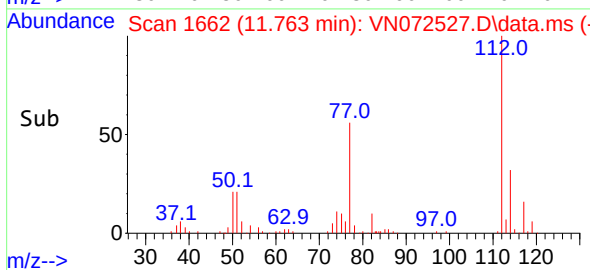
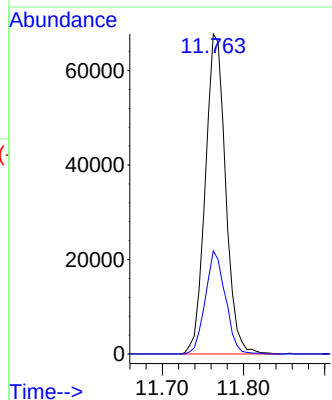
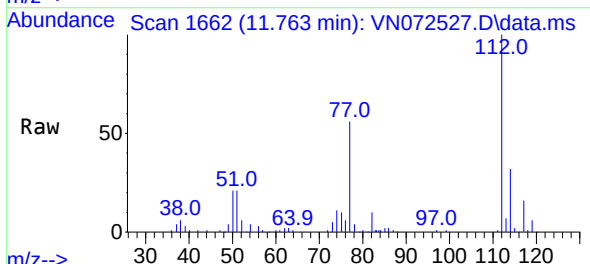
Manual Integrations
APPROVED

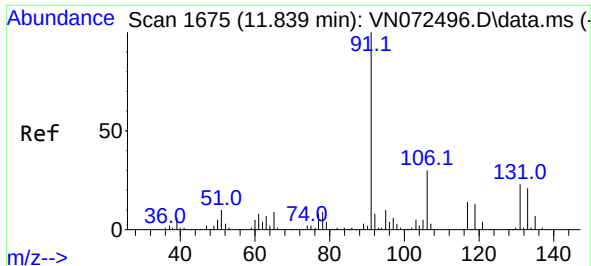
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#64
Chlorobenzene
Concen: 21.030 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion:112 Resp: 117379
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





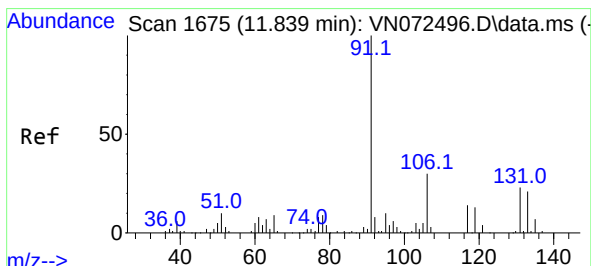
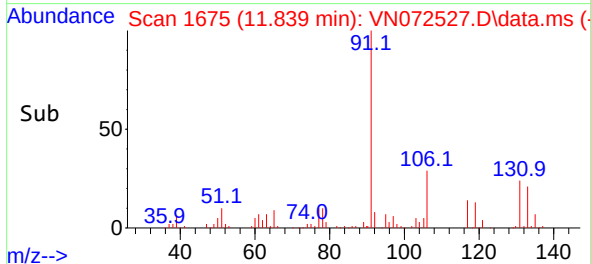
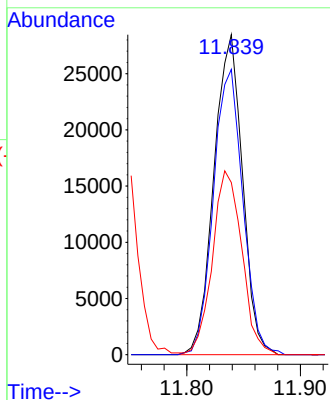
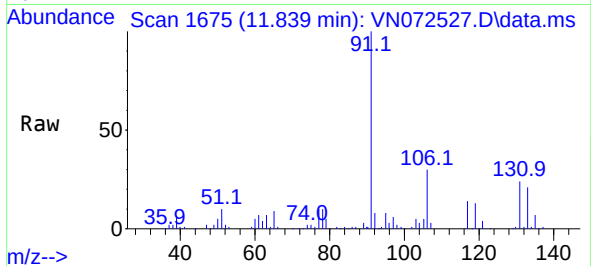
#65
1,1,1,2-Tetrachloroethane
Concen: 21.549 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 4973
Ion Ratio Lower Upper
131 100
133 92.1 0.0 191.2
119 59.2 0.0 128.8

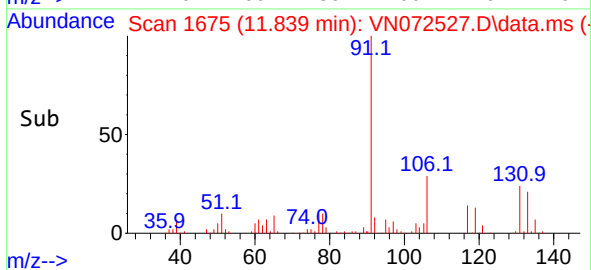
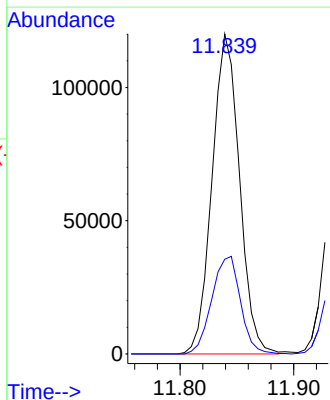
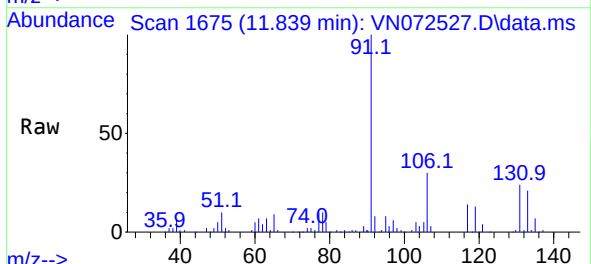
Manual Integrations
APPROVED

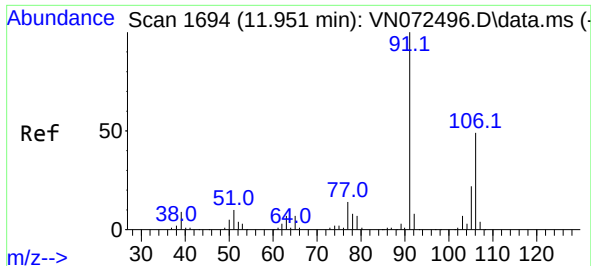
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#66
Ethyl Benzene
Concen: 20.000 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 91 Resp: 201286
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0





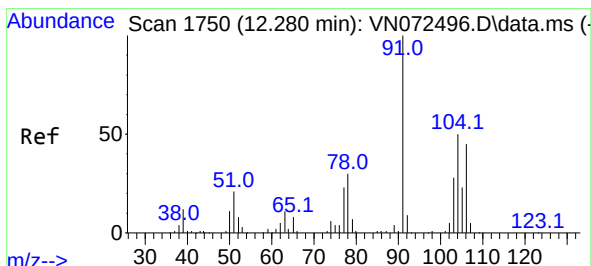
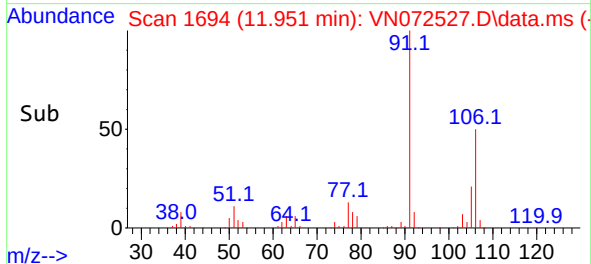
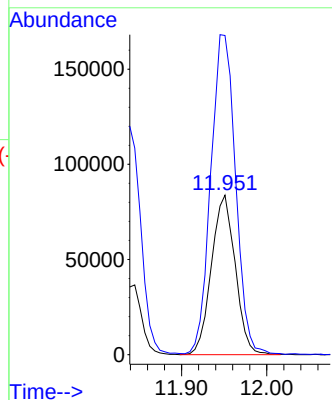
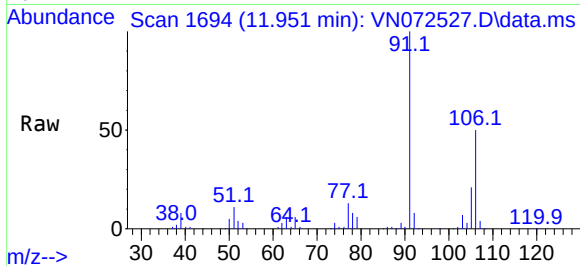
#67
m/p-Xylenes
Concen: 42.681 ug/l
RT: 11.951 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 16286
Ion Ratio Lower Upper
106 100
91 209.2 162.9 244.3

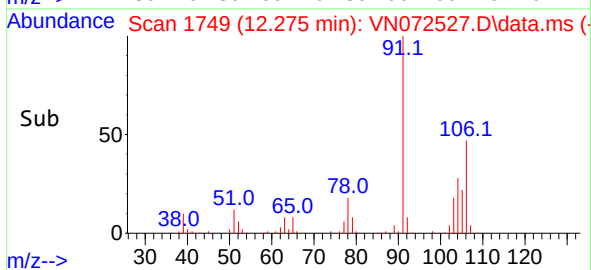
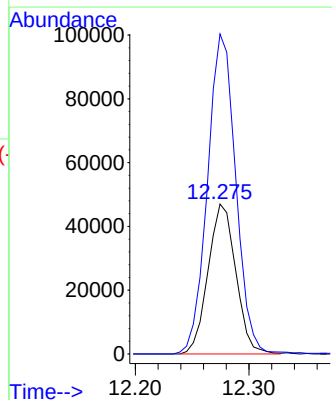
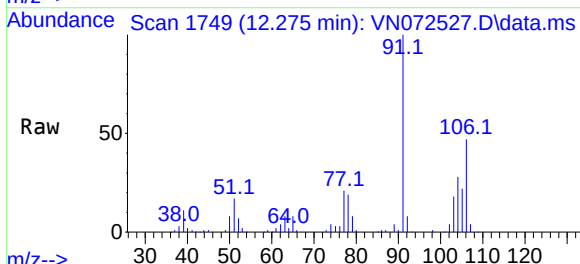
Manual Integrations
APPROVED

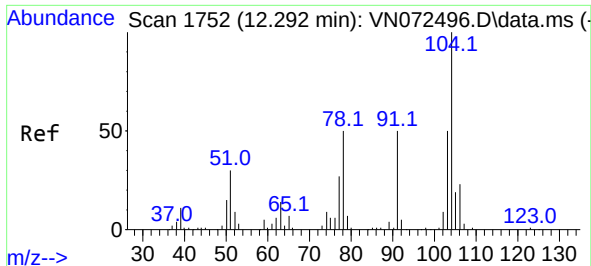
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
o-Xylene
Concen: 21.160 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion:106 Resp: 79812
Ion Ratio Lower Upper
106 100
91 216.9 107.7 323.1





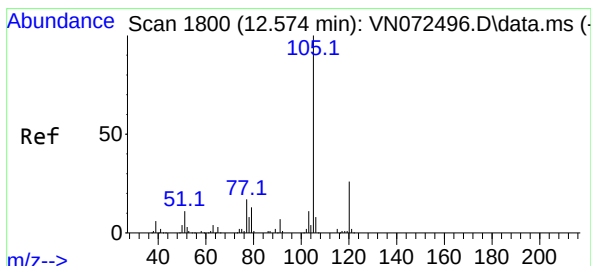
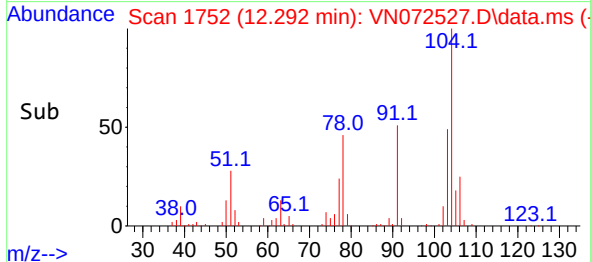
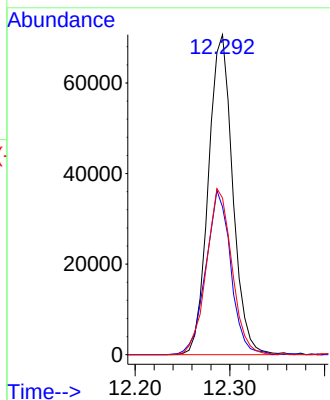
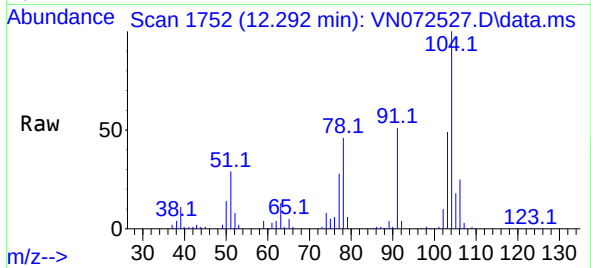
#69
Styrene
Concen: 20.958 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 125902
Ion Ratio Lower Upper
104 100
78 52.6 40.7 61.1
103 54.5 45.8 68.8

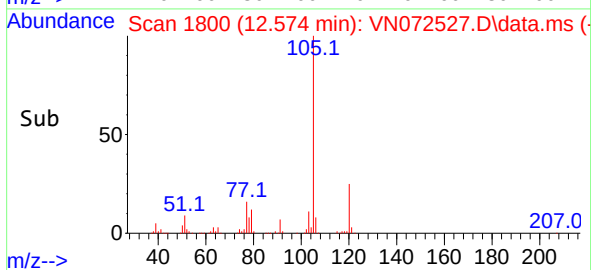
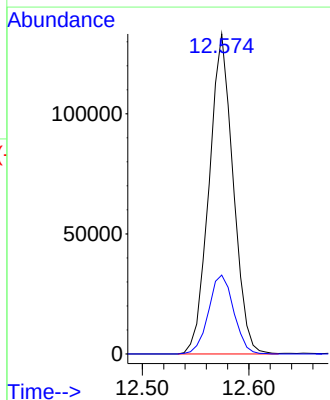
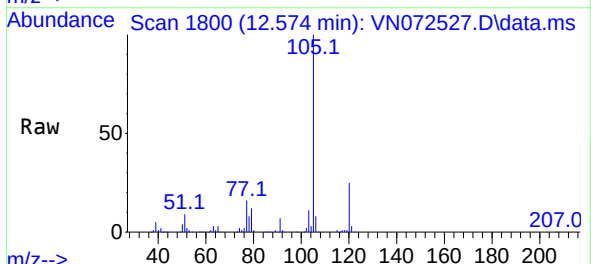
Manual Integrations
APPROVED

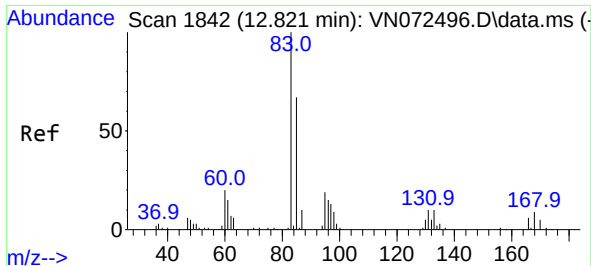
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Isopropylbenzene
Concen: 20.870 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion:105 Resp: 208882
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1





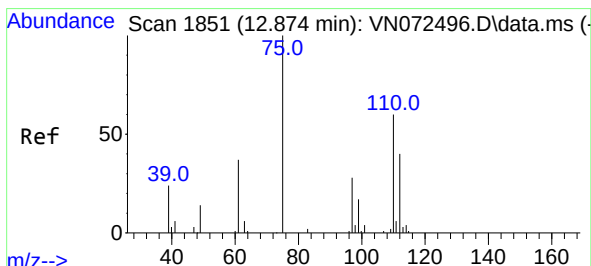
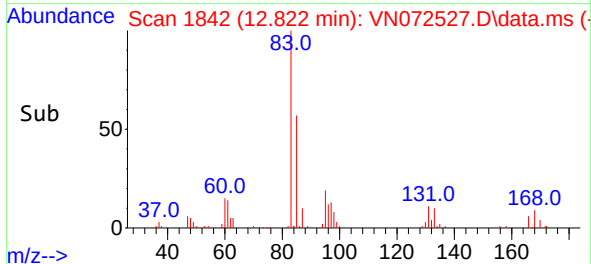
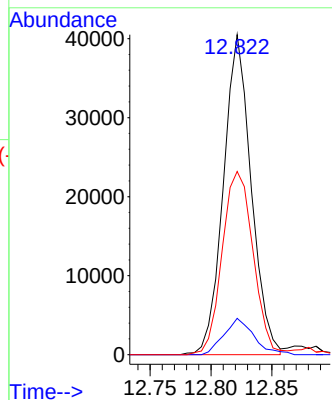
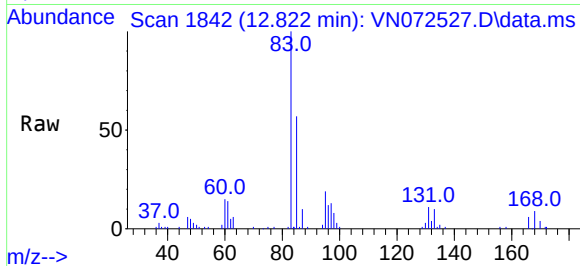
#71
1,1,2,2-Tetrachloroethane
Concen: 21.069 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 64390
Ion Ratio Lower Upper
83 100
131 12.2 5.1 15.3
85 63.7 33.1 99.2

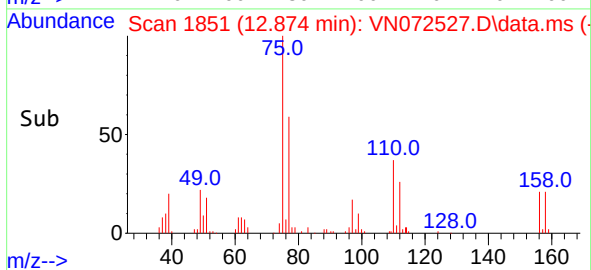
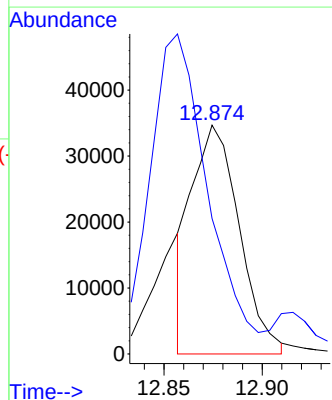
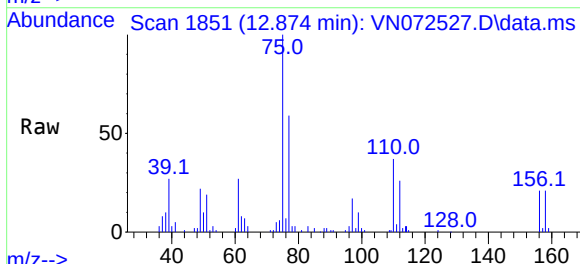
Manual Integrations
APPROVED

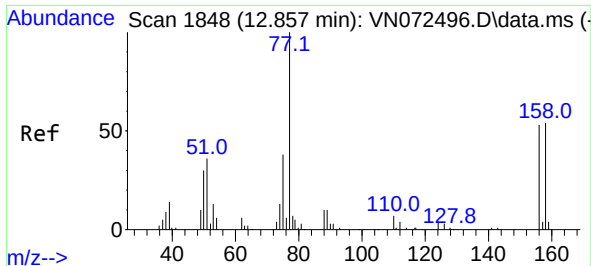
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,2,3-Trichloropropane
Concen: 20.406 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

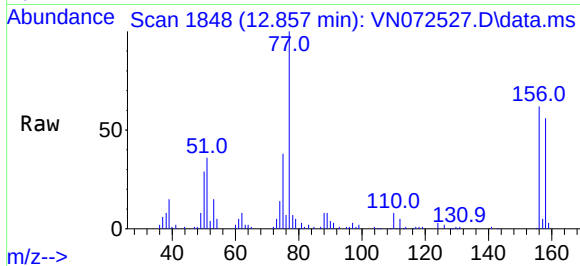
Tgt Ion: 75 Resp: 58495
Ion Ratio Lower Upper
75 100
77 170.9 0.0 378.0





#73
Bromobenzene
Concen: 20.971 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

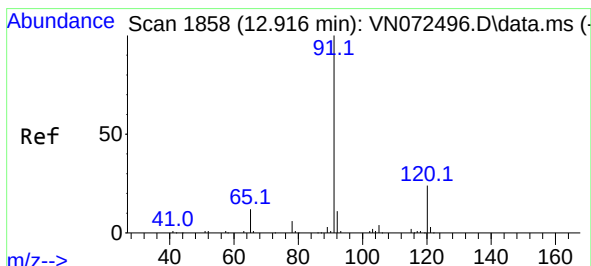
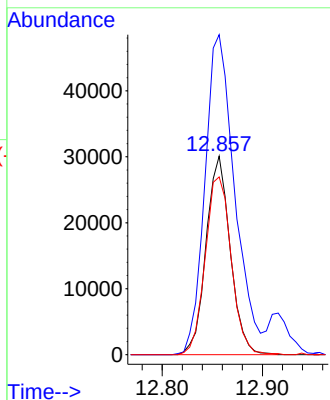
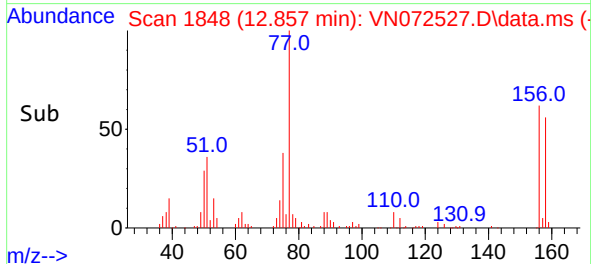
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:156 Resp: 50514
Ion Ratio Lower Upper
156 100
77 197.9 0.0 416.0
158 96.1 0.0 195.4

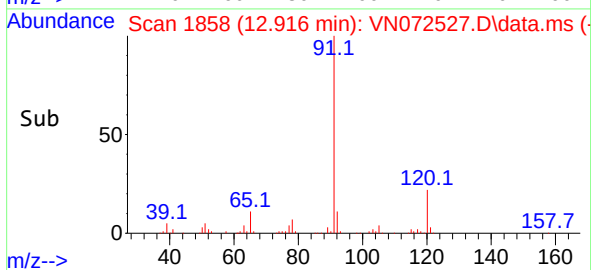
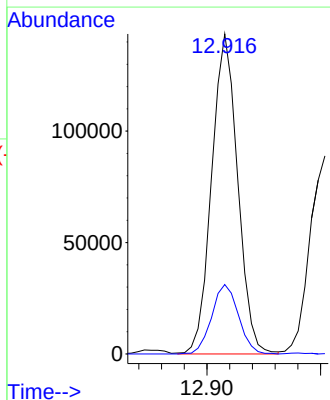
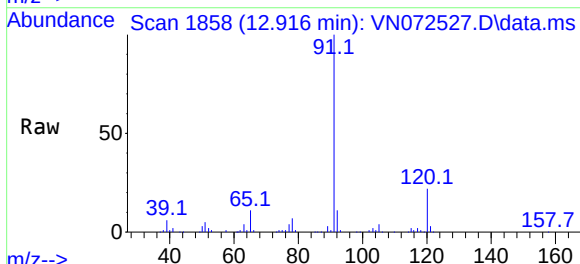
Manual Integrations
APPROVED

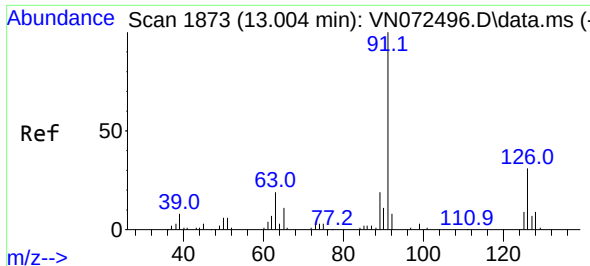
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
n-propylbenzene
Concen: 20.868 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 91 Resp: 228644
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0





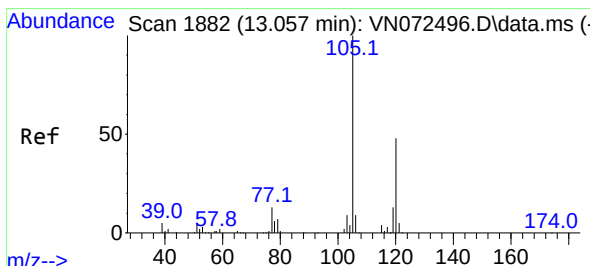
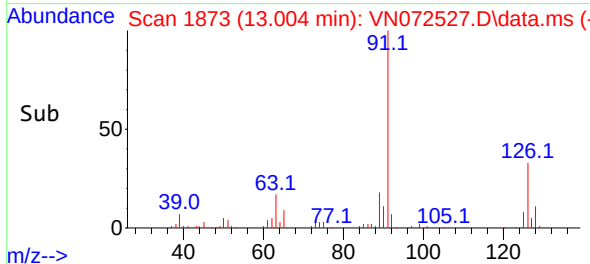
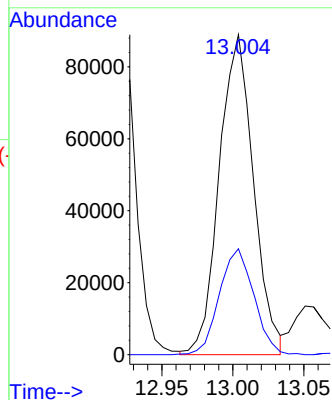
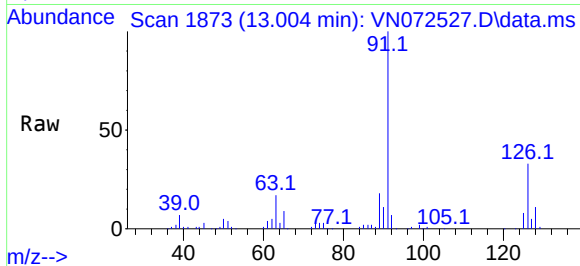
#75
2-Chlorotoluene
Concen: 21.079 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 14922
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8

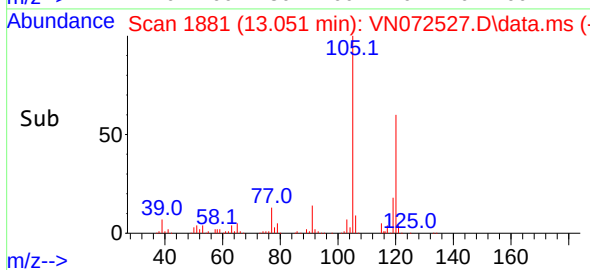
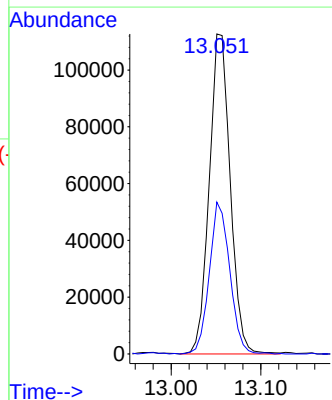
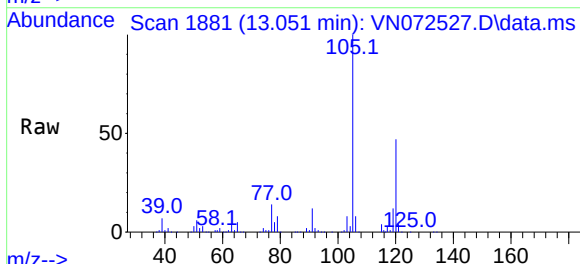
Manual Integrations
APPROVED

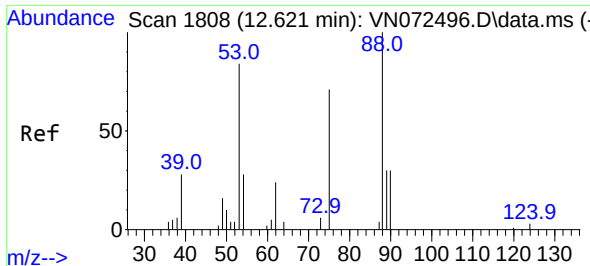
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.396 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion:105 Resp: 183154
Ion Ratio Lower Upper
105 100
120 46.1 0.0 93.8





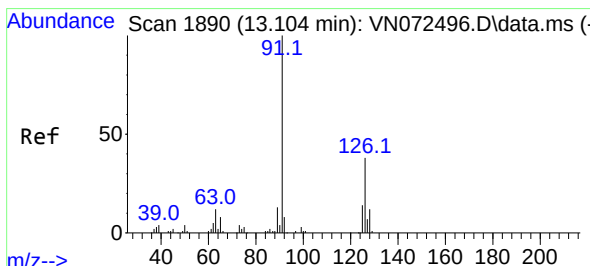
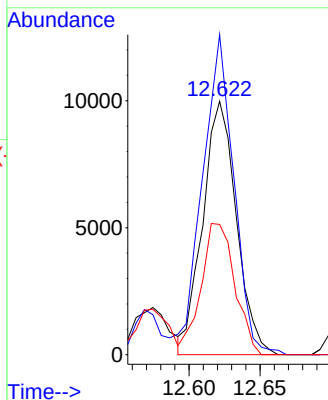
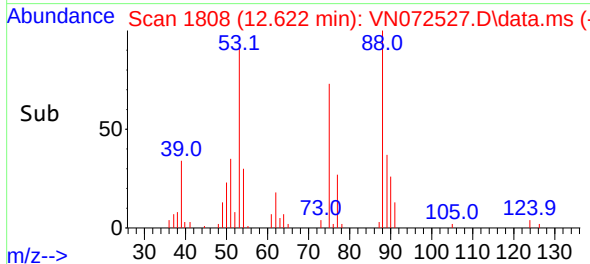
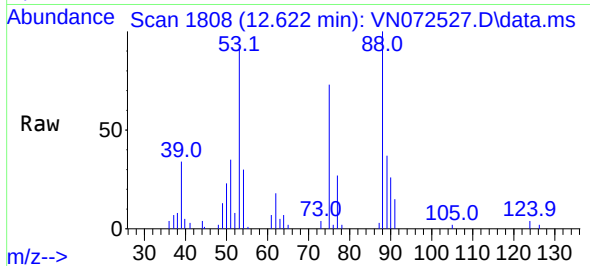
#77
t-1,4-Dichloro-2-butene
Concen: 17.377 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 16458
Ion Ratio Lower Upper
75 100
53 124.4 51.8 155.5
89 51.4 22.9 68.7

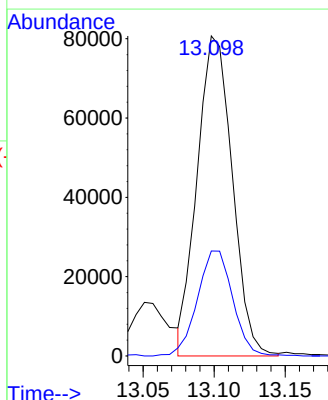
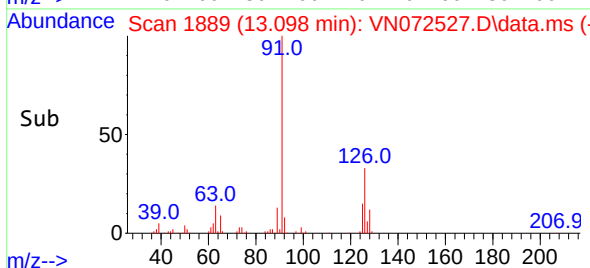
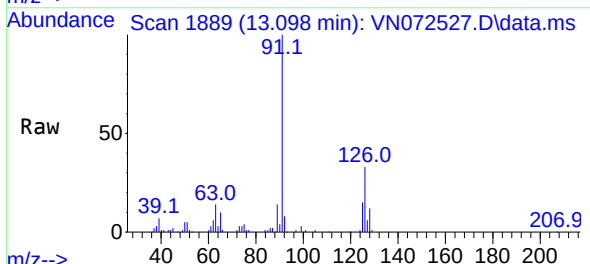
Manual Integrations
APPROVED

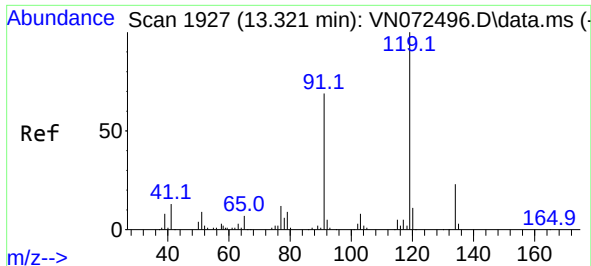
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
4-Chlorotoluene
Concen: 20.906 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion: 91 Resp: 138715
Ion Ratio Lower Upper
91 100
126 33.1 0.0 70.6





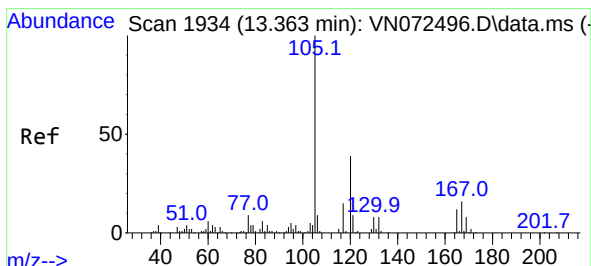
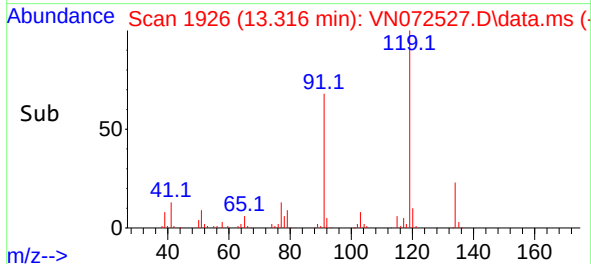
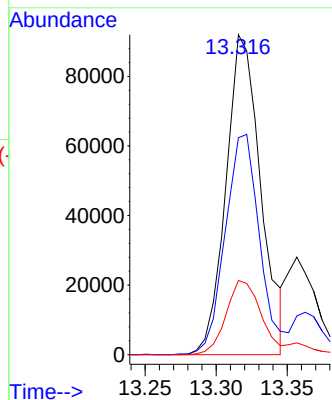
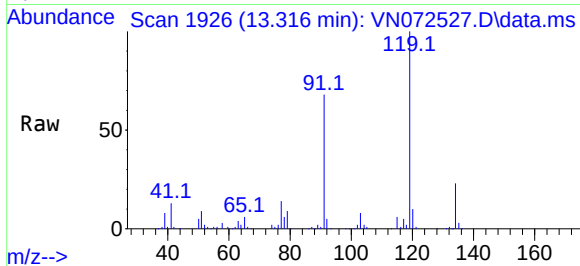
#79
tert-butylbenzene
Concen: 20.865 ug/l
RT: 13.316 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 156930
Ion Ratio Lower Upper
119 100
91 68.9 0.0 137.0
134 23.1 0.0 47.6

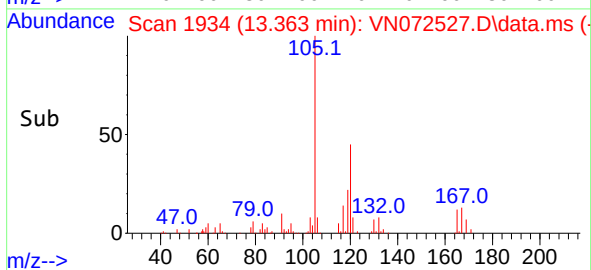
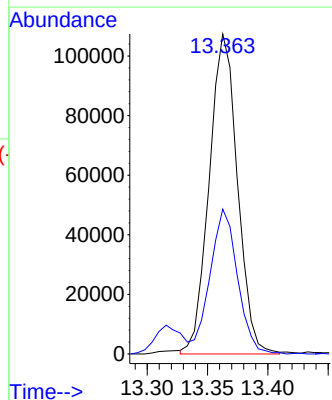
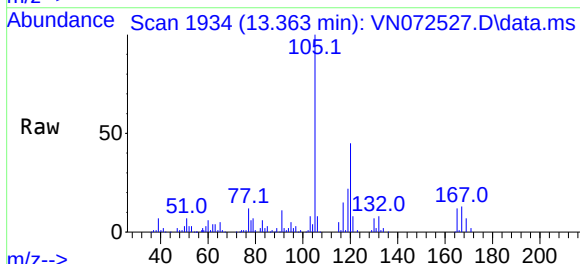
Manual Integrations
APPROVED

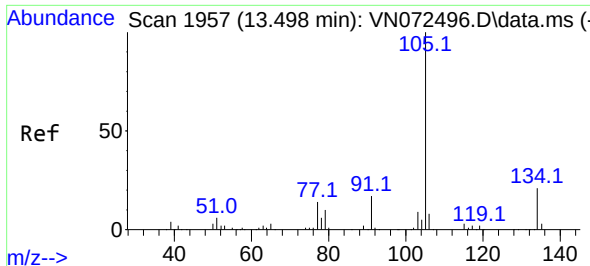
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,2,4-Trimethylbenzene
Concen: 21.212 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Tgt Ion:105 Resp: 174976
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 20.387 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072527.D
 Acq: 17 May 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

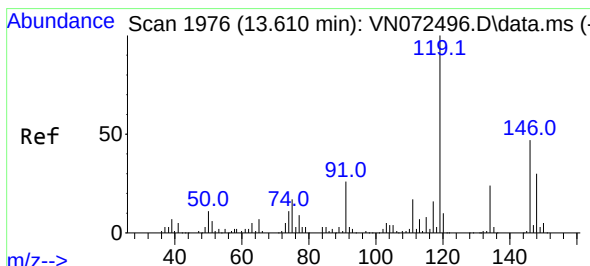
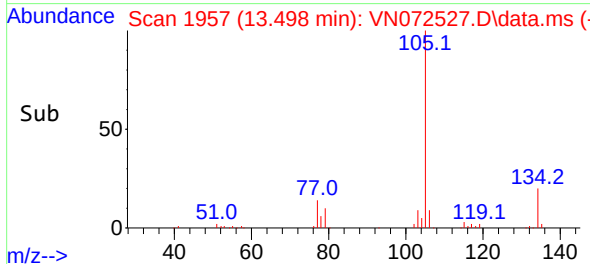
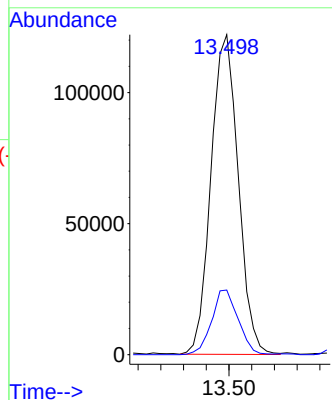
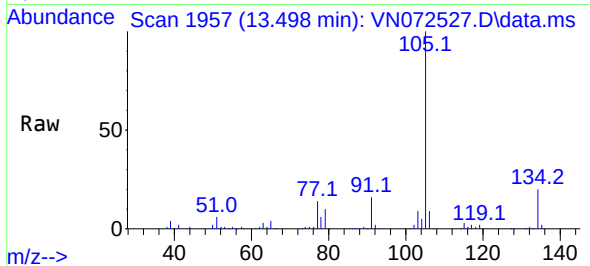
VSTDCCC020

Tgt Ion:105 Resp: 203292
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

Manual Integrations

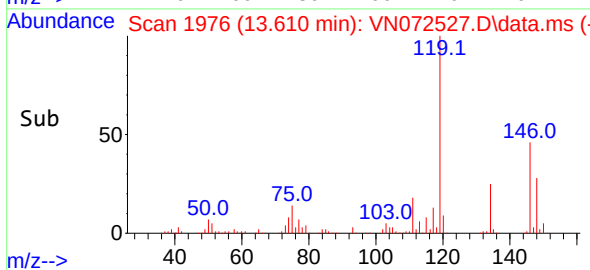
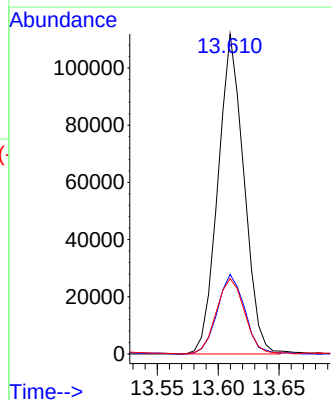
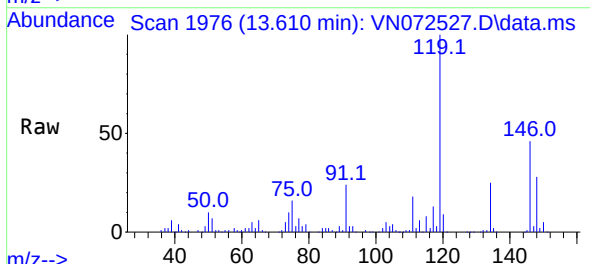
APPROVED

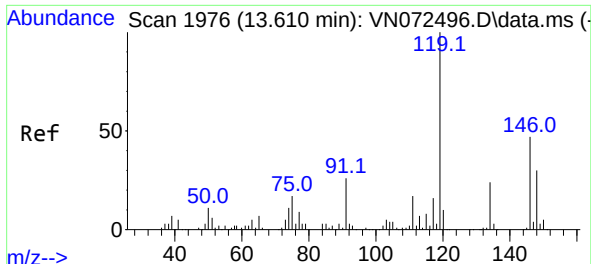
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#82
 p-Isopropyltoluene
 Concen: 20.154 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072527.D
 Acq: 17 May 2022 11:40

Tgt Ion:119 Resp: 166326
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 25.6 0.0 50.4





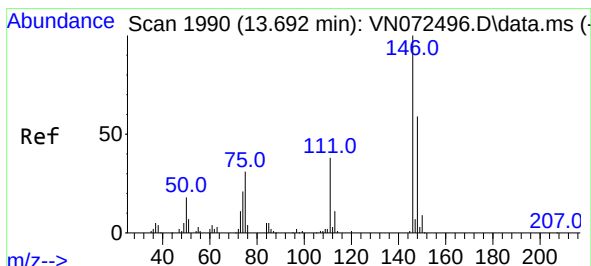
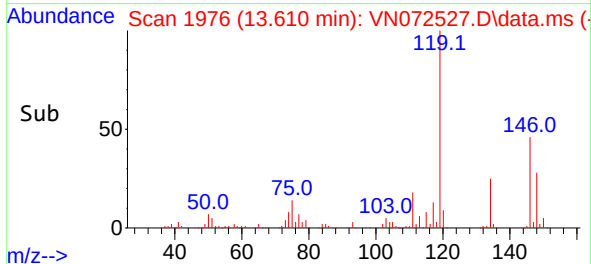
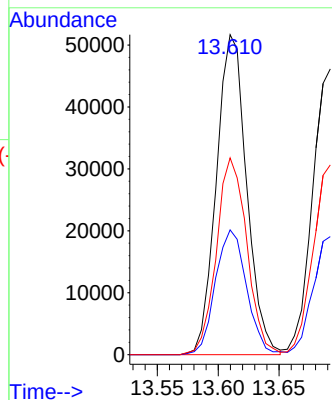
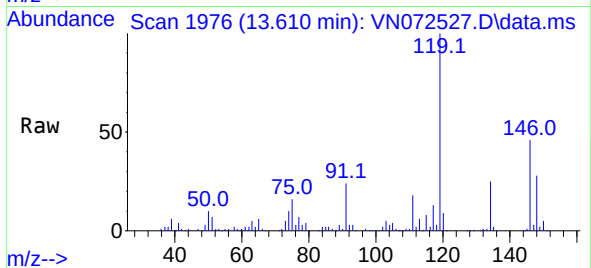
#83
1,3-Dichlorobenzene
Concen: 21.771 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 89524
Ion Ratio Lower Upper
146 100
111 40.2 20.8 62.2
148 61.7 31.4 94.3

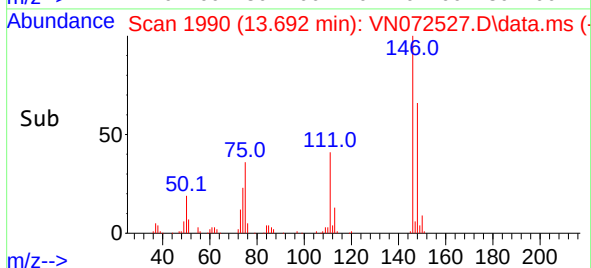
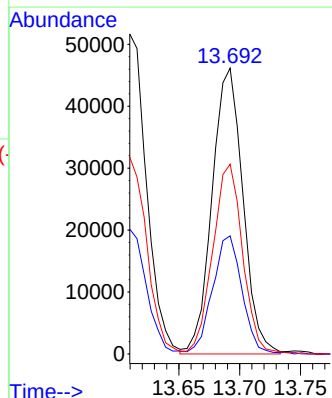
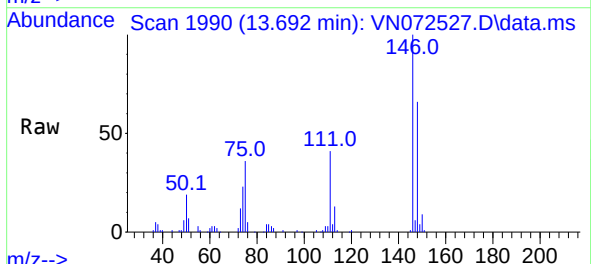
Manual Integrations
APPROVED

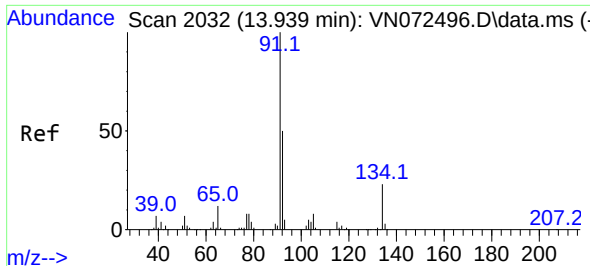
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#84
1,4-Dichlorobenzene
Concen: 20.324 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

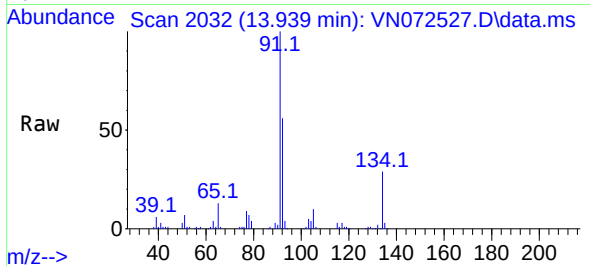
Tgt Ion:146 Resp: 81322
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.5 31.1 93.5





#85
n-Butylbenzene
Concen: 18.127 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

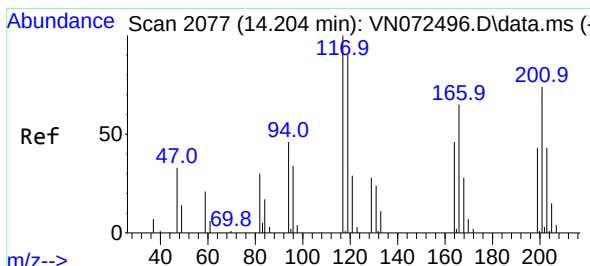
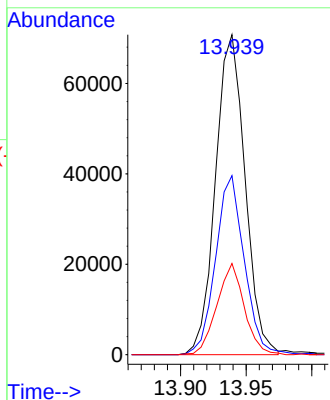
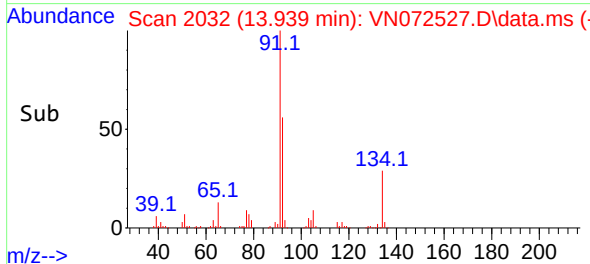
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



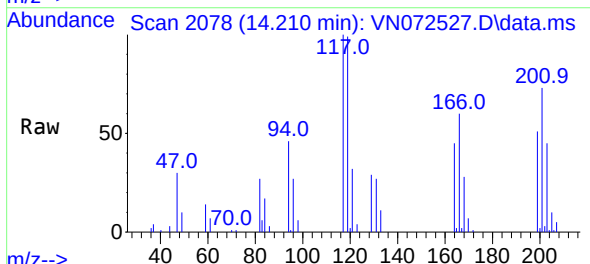
Tgt Ion: 91 Resp: 110859
Ion Ratio Lower Upper
91 100
92 54.4 0.0 100.6
134 26.4 0.0 50.2

Manual Integrations
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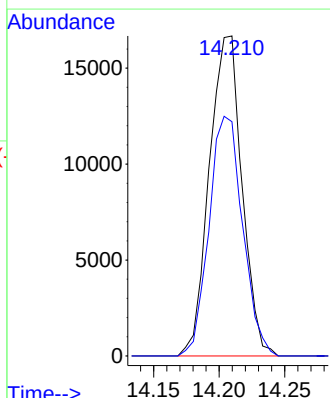
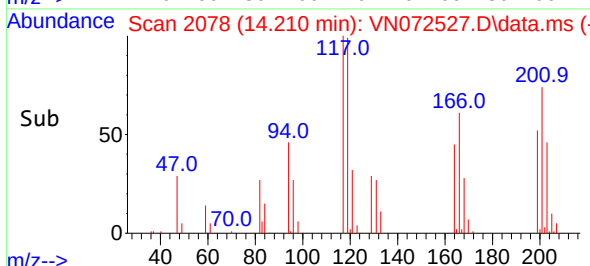
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

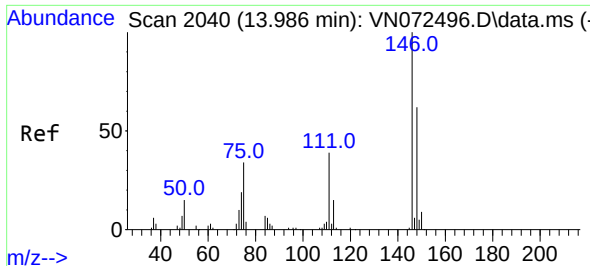


#86
Hexachloroethane
Concen: 19.049 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



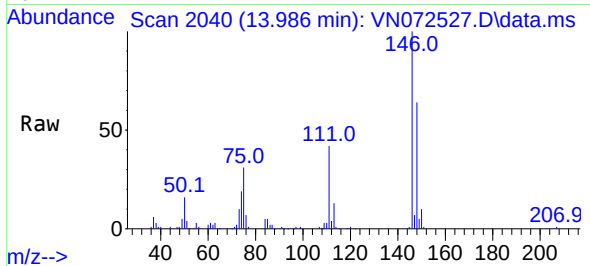
Tgt Ion:117 Resp: 28948
Ion Ratio Lower Upper
117 100
201 76.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.248 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

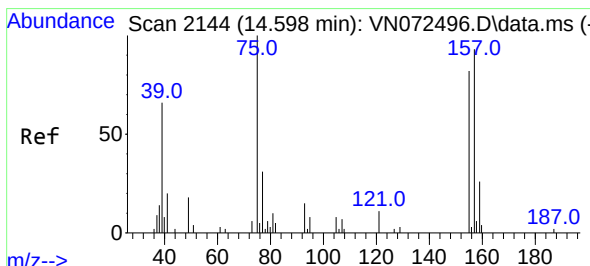
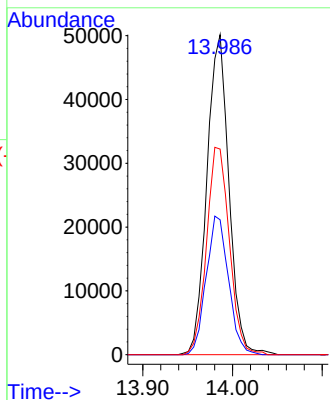
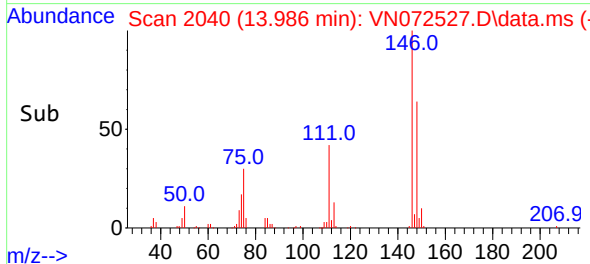
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



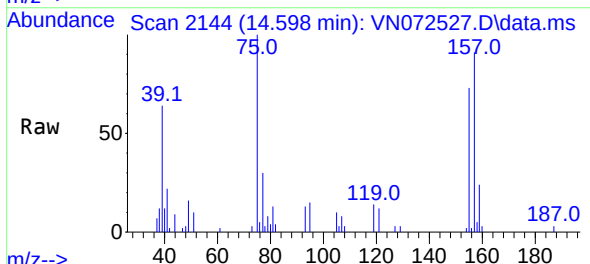
Tgt Ion:146 Resp: 85419
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.2
148 67.3 32.5 97.4

Manual Integrations
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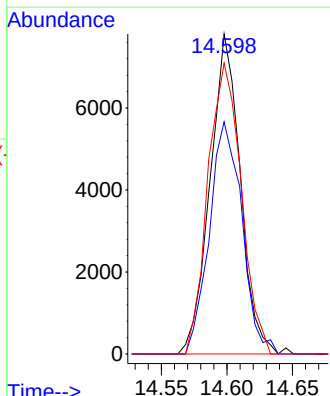
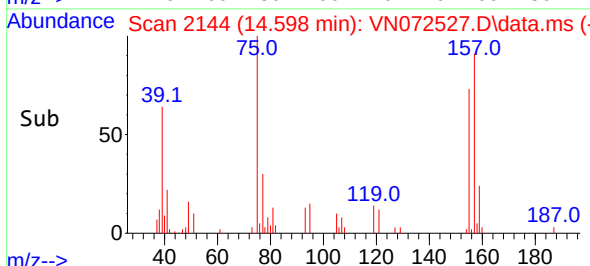
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

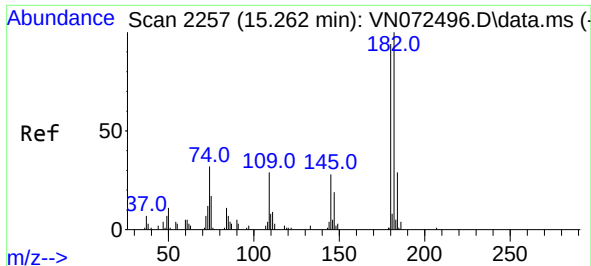


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.349 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



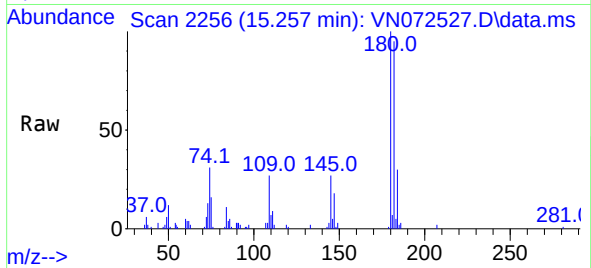
Tgt Ion: 75 Resp: 12482
Ion Ratio Lower Upper
75 100
155 78.0 63.8 95.8
157 100.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.898 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

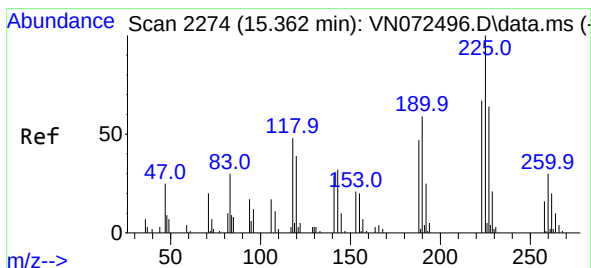
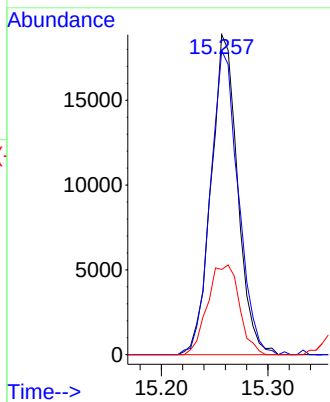
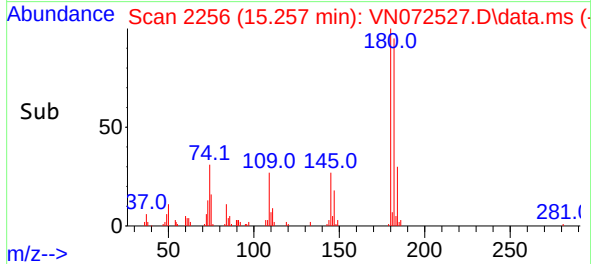
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



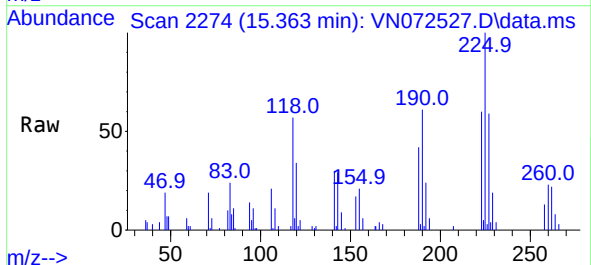
Tgt Ion:180 Resp: 32569
Ion Ratio Lower Upper
180 100
182 99.6 77.7 116.5
145 33.6 26.6 39.8

Manual Integrations
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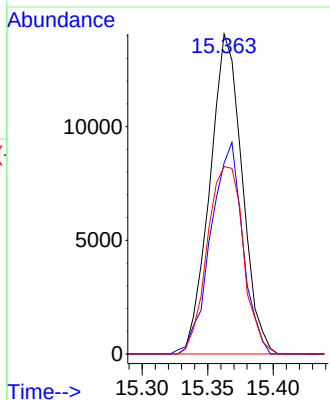
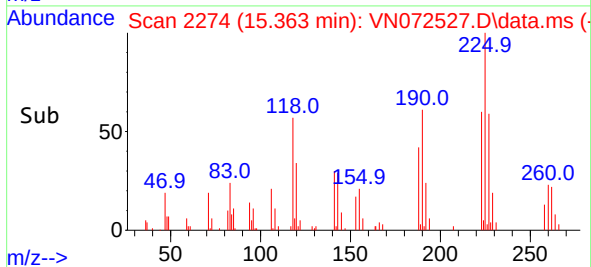
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

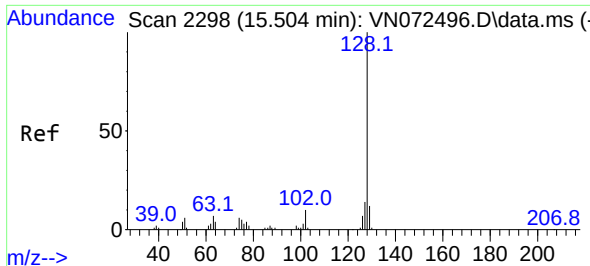


#90
Hexachlorobutadiene
Concen: 21.386 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



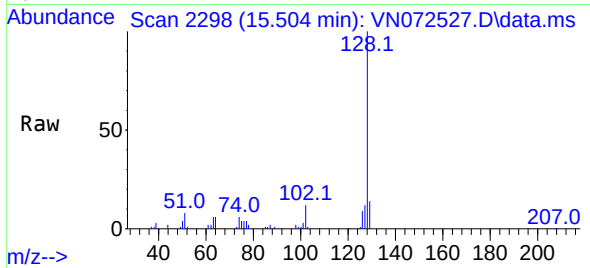
Tgt Ion:225 Resp: 24052
Ion Ratio Lower Upper
225 100
223 65.5 0.0 126.8
227 65.7 0.0 123.0





#91
Naphthalene
Concen: 18.150 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40

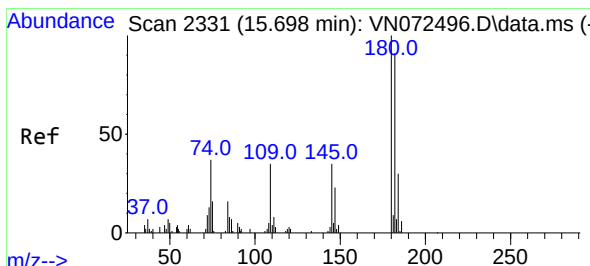
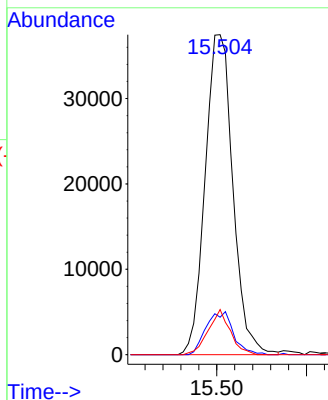
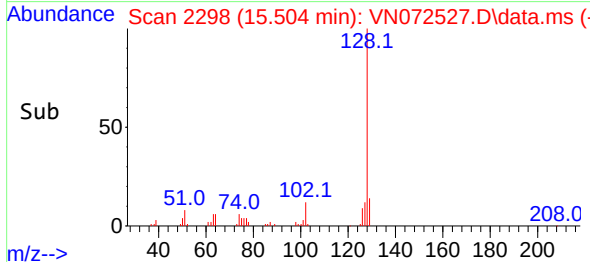
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



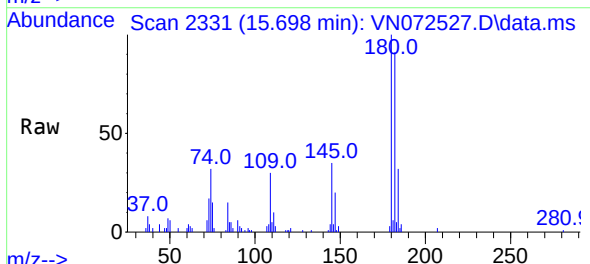
Tgt Ion:128 Resp: 8040
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.393 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072527.D
Acq: 17 May 2022 11:40



Tgt Ion:180 Resp: 32219
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.0
145 37.3 0.0 67.8

