

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072533.D
 Acq On : 17 May 2022 17:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: May 18 07:27:32 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	7.651	128	27399	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	143797	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	119107	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	86355	28.009	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.367%	
60) 4-Bromofluorobenzene	12.727	95	73566	31.633	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	105.433%	
63) Toluene-d8	10.433	98	223354	34.353	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	114.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	41614	18.284	ug/l	98
3) Chloromethane	2.299	50	38928	18.937	ug/l	97
4) Vinyl Chloride	2.440	62	30461	17.554	ug/l	95
5) Bromomethane	2.816	94	25211	17.862	ug/l	96
6) Chloroethane	2.987	64	20698	18.265	ug/l	94
7) Trichlorofluoromethane	3.357	101	72047	17.576	ug/l	97
8) Diethyl Ether	3.822	74	24236	19.655	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.198	101	35429	18.344	ug/l #	66
10) 1,1-Dichloroethene	4.181	96	32443	18.629	ug/l	98
11) Methyl Iodide	4.422	142	48967	18.671	ug/l	96
12) Methyl Acetate	4.857	43	49107	17.430	ug/l	98
13) Acrolein	4.034	56	47411	107.099	ug/l	99
14) Acrylonitrile	5.551	53	102894	86.564	ug/l	90
15) Acetone	4.293	58	25961m	83.291	ug/l	
16) Carbon Disulfide	4.528	76	81521	18.046	ug/l	97
17) Allyl chloride	4.828	41	55327	17.600	ug/l	85
18) Methylene Chloride	5.093	84	41431	20.099	ug/l	96
19) trans-1,2-Dichloroethene	5.593	96	36245	18.949	ug/l	91
20) Diisopropyl ether	6.487	45	127372	19.490	ug/l	96
21) 1,1-Dichloroethane	6.387	63	72057	18.438	ug/l	95
22) cis-1,2-Dichloroethene	7.316	96	43034	19.162	ug/l	94
23) tert-Butyl Alcohol	5.375	59	28020m	53.742	ug/l	
24) Methyl tert-Butyl Ether	5.616	73	134181	18.781	ug/l	96
25) Chloroform	7.810	83	78594	18.647	ug/l	94
26) Cyclohexane	8.092	56	59187	18.662	ug/l #	96
29) 1,1-Dichloropropene	8.216	75	52934	18.484	ug/l	96
30) 2-Butanone	7.328	43	136861	82.570	ug/l	97
31) 2,2-Dichloropropane	7.316	77	64922	18.273	ug/l	95
32) 1,1,1-Trichloroethane	8.004	97	74736	18.296	ug/l	99
33) Carbon Tetrachloride	8.204	117	65081	17.928	ug/l	99
34) Benzene	8.451	78	159061	19.547	ug/l	99
35) Methacrylonitrile	7.628	41	32744	18.684	ug/l	96
36) 1,2-Dichloroethane	8.522	62	70091	18.495	ug/l #	93
37) Trichloroethene	9.210	130	42310	19.165	ug/l	94
38) Methylcyclohexane	9.457	83	63147	19.072	ug/l	96
39) 1,2-Dichloropropane	9.486	63	40934	19.970	ug/l	95
40) Dibromomethane	9.575	93	30234	19.107	ug/l	89
41) Bromodichloromethane	9.757	83	62544	18.657	ug/l	97
42) Vinyl Acetate	6.428	43	541122	96.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	58519	18.079	ug/l	98
44) Isopropyl Acetate	8.557	43	95165	18.366	ug/l	99
45) 1,4-Dioxane	9.575	88	8143	165.000	ug/l #	87
46) Methyl methacrylate	9.551	41	45661	18.623	ug/l	90
47) n-amyl Acetate	12.386	43	55756	16.074	ug/l	93
48) t-1,3-Dichloropropene	10.716	75	57176	16.156	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	68132	19.101	ug/l	98
50) 1,1,2-Trichloroethane	10.892	97	37559	17.209	ug/l	93
51) Ethyl methacrylate	10.757	69	55630	16.345	ug/l	91
52) 1,3-Dichloropropane	11.039	76	63838	16.929	ug/l	98
53) Dibromochloromethane	11.233	129	43391	16.465	ug/l	98
54) 1,2-Dibromoethane	11.345	107	40084	17.265	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	95073	110.098	ug/l	99
56) Bromoform	12.451	173	31326	15.762	ug/l #	93
58) 4-Methyl-2-Pentanone	10.327	43	287763	102.532	ug/l	97
59) 2-Hexanone	11.080	43	175672	85.203	ug/l	99
61) Tetrachloroethene	10.975	164	35552	19.931	ug/l	91
62) Toluene	10.504	91	179317	22.285	ug/l	100
64) Chlorobenzene	11.769	112	95722	19.071	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	39995	19.271	ug/l	97
66) Ethyl Benzene	11.839	91	170542	18.843	ug/l	96
67) m/p-Xylenes	11.951	106	135097	39.371	ug/l	96
68) o-Xylene	12.274	106	64905	19.135	ug/l	93
69) Styrene	12.286	104	104000	19.251	ug/l	94
70) Isopropylbenzene	12.574	105	188642	20.959	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	58991	21.462	ug/l	95
72) 1,2,3-Trichloropropane	12.874	75	45627m	17.700	ug/l	
73) Bromobenzene	12.857	156	44600	20.590	ug/l	96
74) n-propylbenzene	12.916	91	204931	20.799	ug/l	100
75) 2-Chlorotoluene	13.004	91	132816	20.863	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	162903	21.161	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	16562	19.444	ug/l	99
78) 4-Chlorotoluene	13.104	91	130111	21.806	ug/l	94
79) tert-butylbenzene	13.321	119	143842	21.267	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	164450m	22.168	ug/l	
81) sec-Butylbenzene	13.498	105	195692	21.823	ug/l	97
82) p-Isopropyltoluene	13.610	119	163591	22.043	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	84010	22.719	ug/l	99
84) 1,4-Dichlorobenzene	13.686	146	79581	22.116	ug/l	99
85) n-Butylbenzene	13.939	91	117994	21.454	ug/l	99
86) Hexachloroethane	14.204	117	28630	20.950	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	81418	22.521	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	11819	18.267	ug/l	99
89) 1,2,4-Trichlorobenzene	15.257	180	34774	21.250	ug/l	95
90) Hexachlorobutadiene	15.368	225	22067	21.819	ug/l	97
91) Naphthalene	15.504	128	90457	20.757	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	35327	21.207	ug/l	96

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

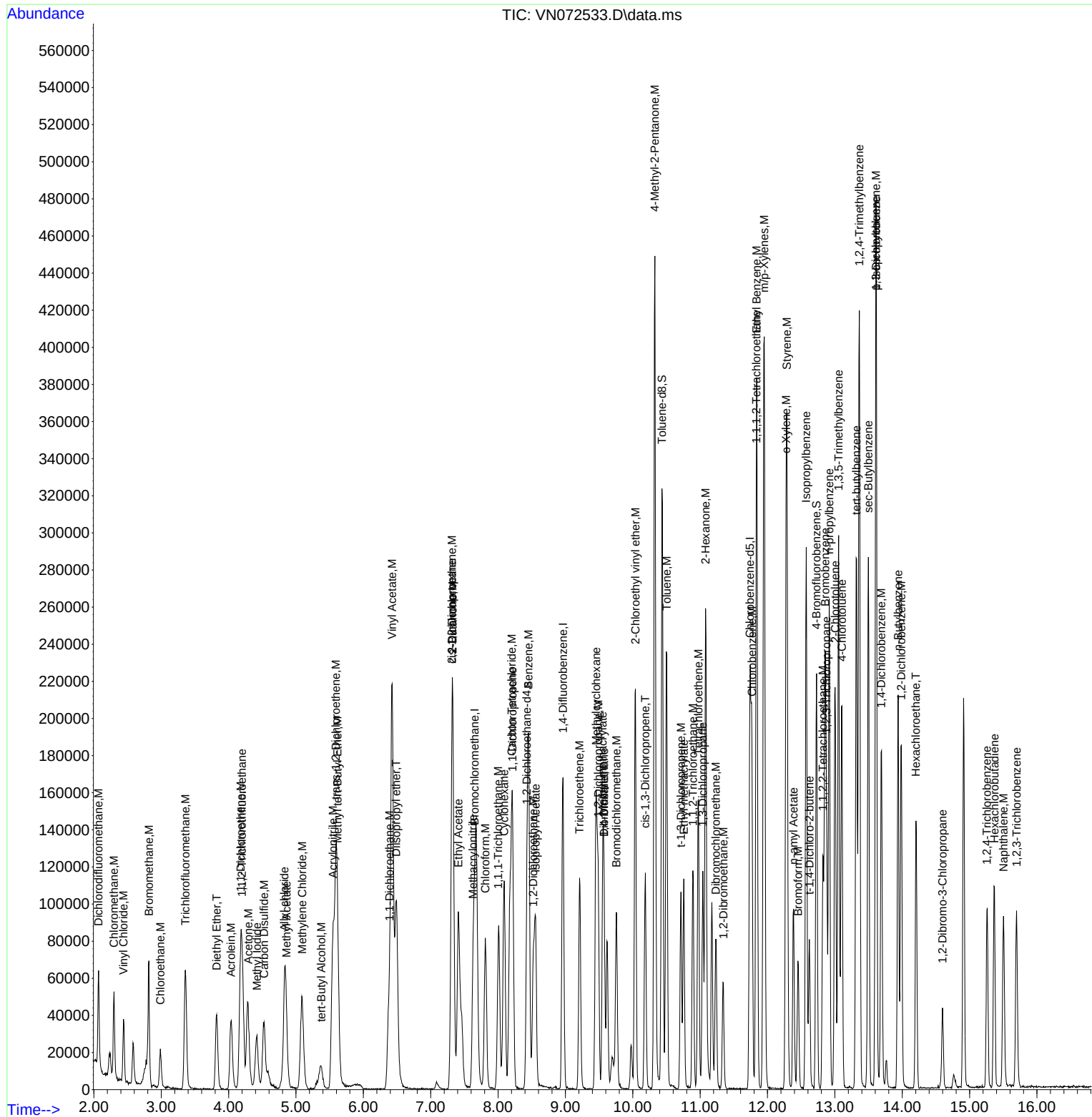
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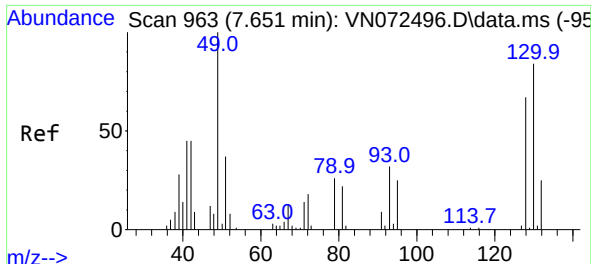
Instrument :
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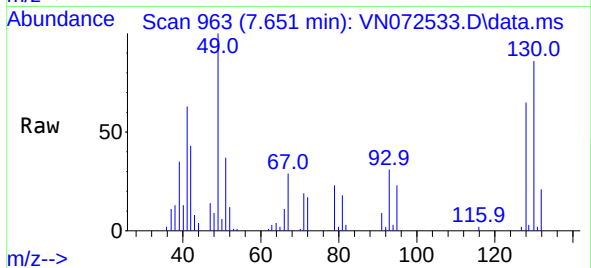
Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

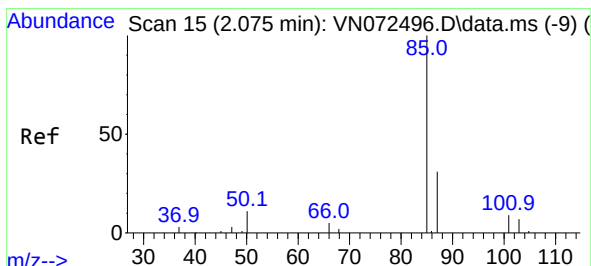
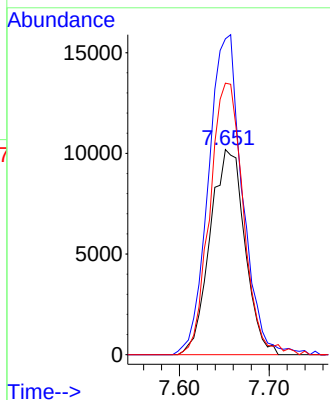
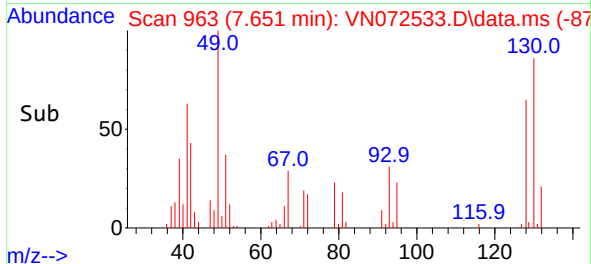
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ClientSampleId :
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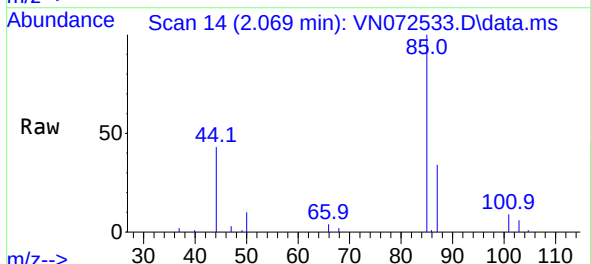
Tgt Ion:128 Resp: 27399
Ion Ratio Lower Upper
128 100
49 151.3 0.0 392.3
130 126.0 0.0 320.2

Manual Integrations
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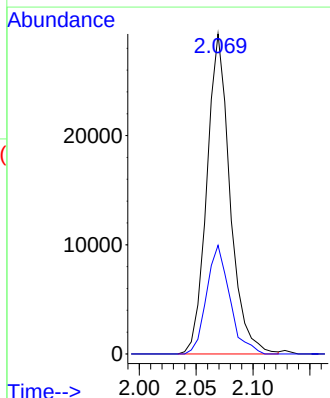
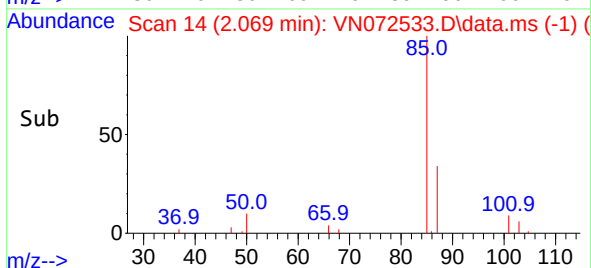
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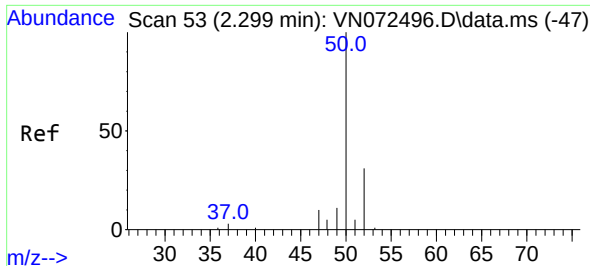


#2
Dichlorodifluoromethane
Concen: 18.284 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion: 85 Resp: 41614
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.7





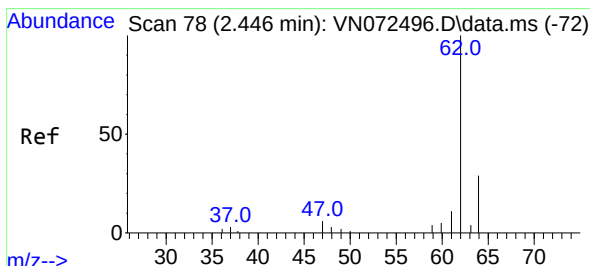
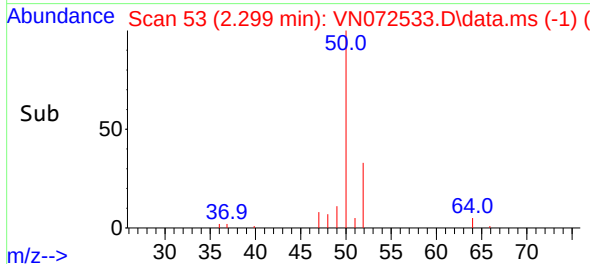
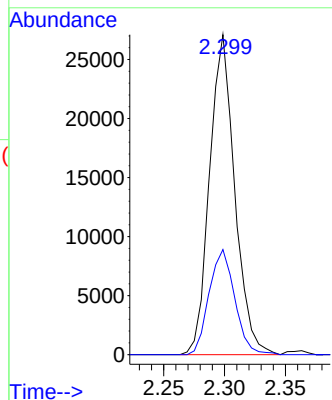
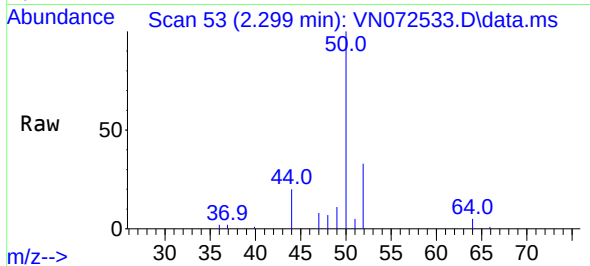
#3
Chloromethane
Concen: 18.937 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

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Tgt Ion: 50 Resp: 38928
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

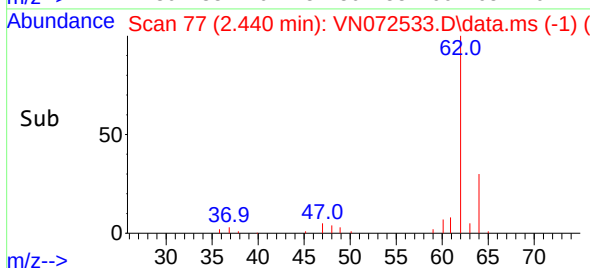
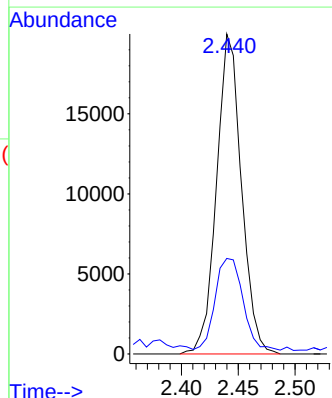
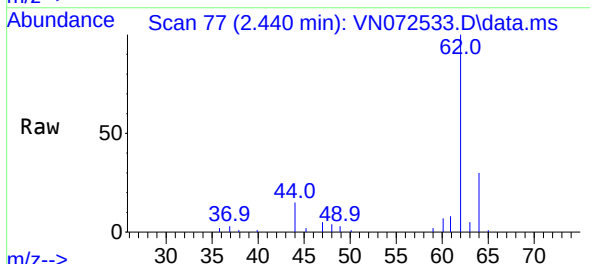
Manual Integrations
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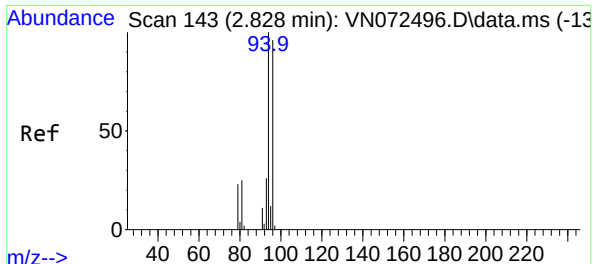
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 17.554 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

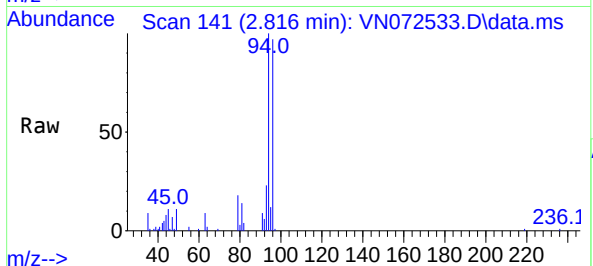
Tgt Ion: 62 Resp: 30461
Ion Ratio Lower Upper
62 100
64 28.7 25.1 37.7





#5
Bromomethane
Concen: 17.862 ug/l
RT: 2.816 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

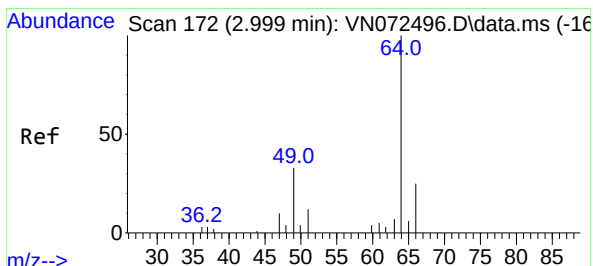
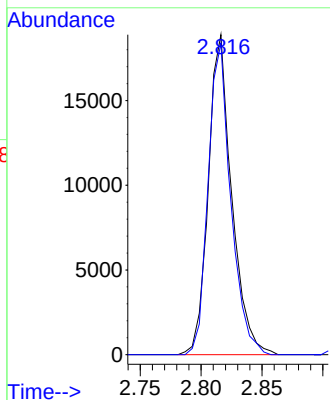
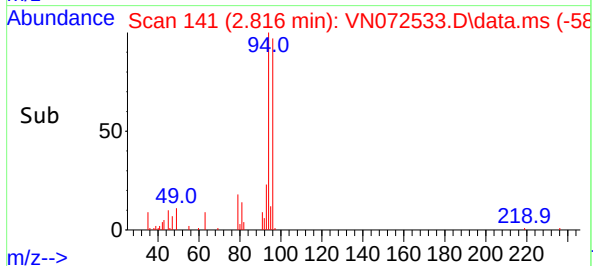
Instrument :
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Tgt Ion: 94 Resp: 2521
Ion Ratio Lower Upper
94 100
96 97.4 75.2 112.8

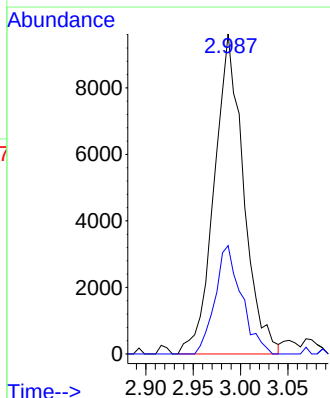
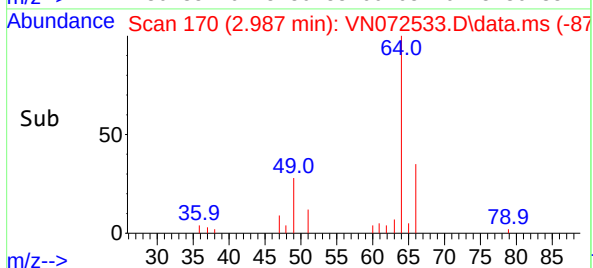
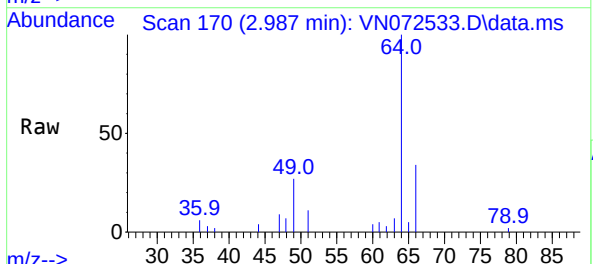
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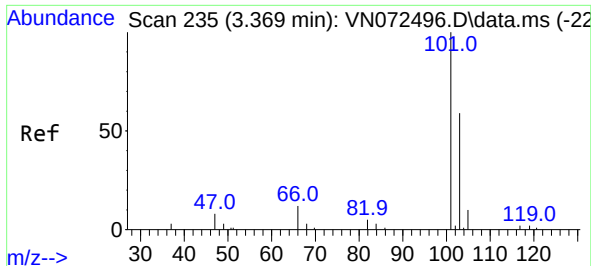
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#6
Chloroethane
Concen: 18.265 ug/l
RT: 2.987 min Scan# 170
Delta R.T. -0.012 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 64 Resp: 20698
Ion Ratio Lower Upper
64 100
66 33.8 24.6 36.8





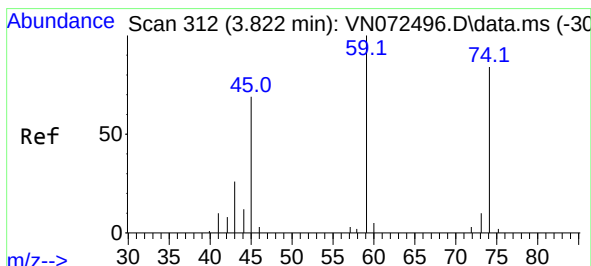
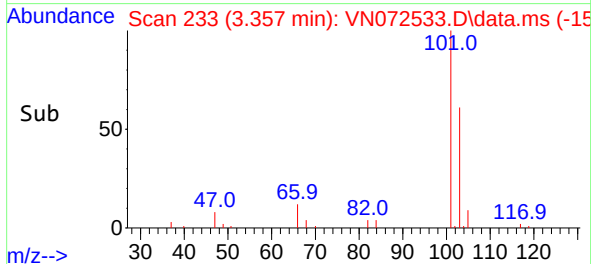
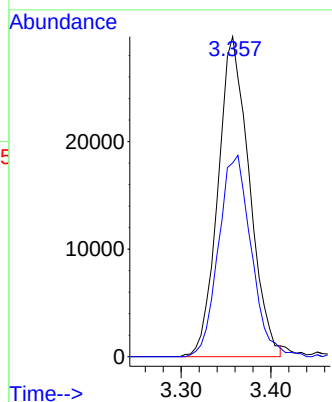
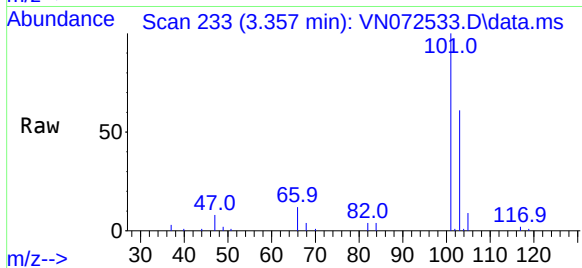
#7
Trichlorofluoromethane
Concen: 17.576 ug/l
RT: 3.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN072533.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 7204
Ion Ratio Lower Upper
101 100
103 60.5 50.1 75.1

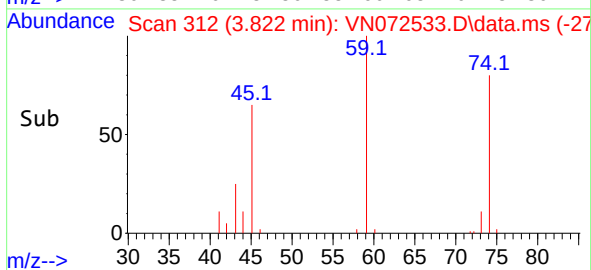
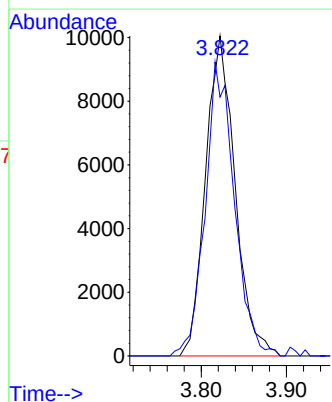
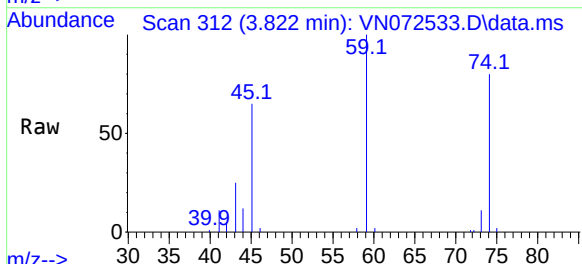
Manual Integrations
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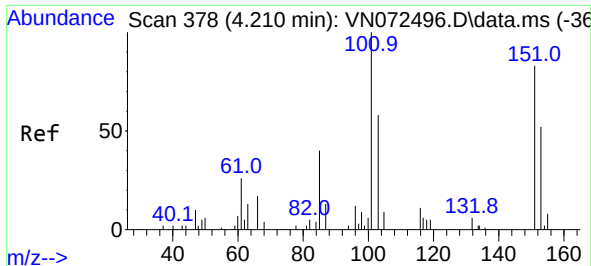
Reviewed By :John Carlone 05/18/2022
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#8
Diethyl Ether
Concen: 19.655 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 74 Resp: 24236
Ion Ratio Lower Upper
74 100
45 89.9 17.6 158.8





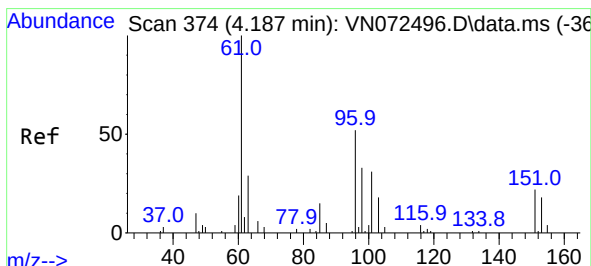
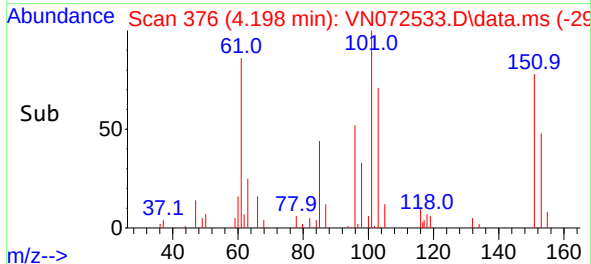
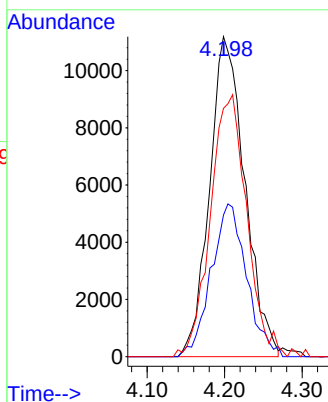
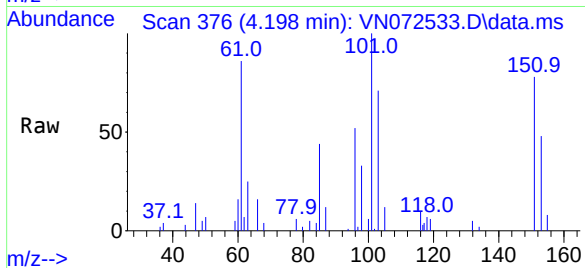
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1,1,2-Trichlorotrifluoroethane
Concen: 18.344 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072533.D
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Tgt Ion:101 Resp: 35429
Ion Ratio Lower Upper
101 100
85 47.8 0.0 94.0
151 82.8 0.0 74.6

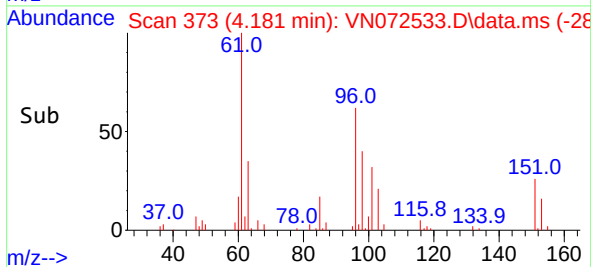
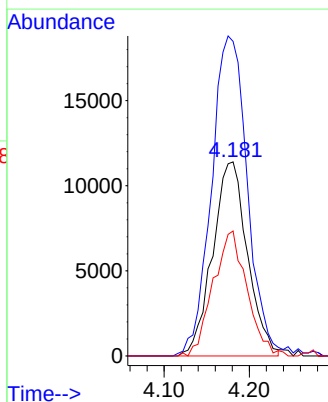
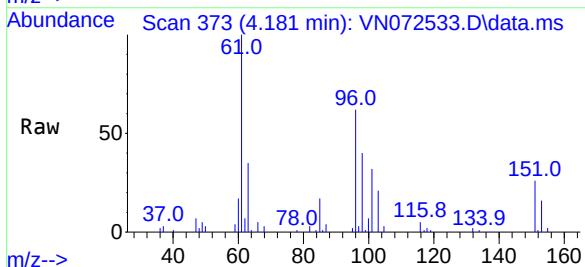
Manual Integrations
APPROVED

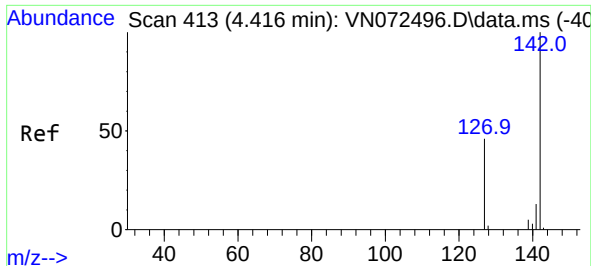
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
1,1-Dichloroethene
Concen: 18.629 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

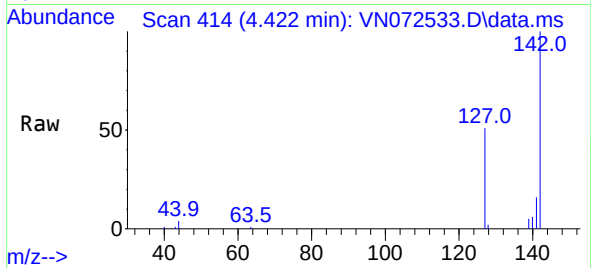
Tgt Ion: 96 Resp: 32443
Ion Ratio Lower Upper
96 100
61 160.7 126.2 189.4
98 64.4 50.9 76.3





#11
Methyl Iodide
Concen: 18.671 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

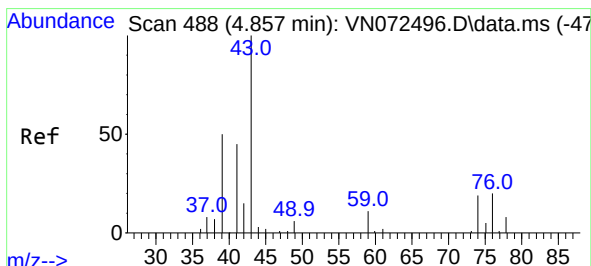
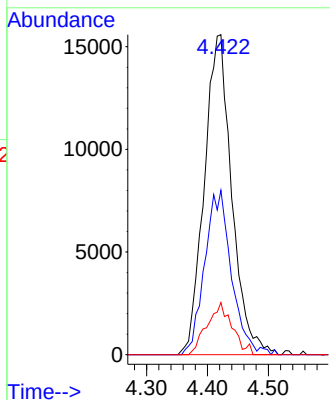
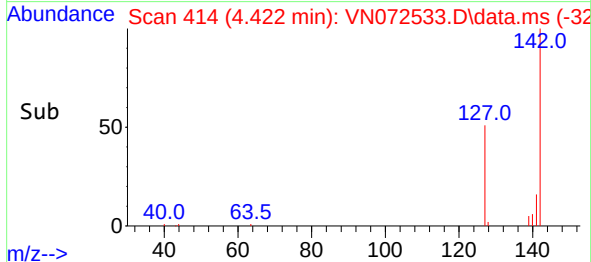
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 4896
Ion Ratio Lower Upper
142 100
127 51.3 24.0 72.0
141 16.3 8.4 25.2

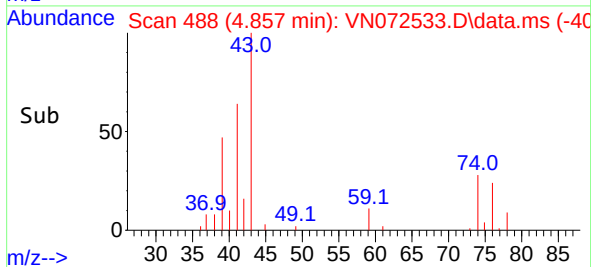
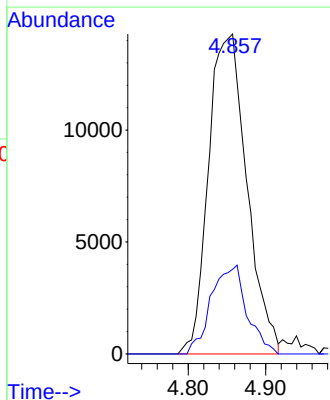
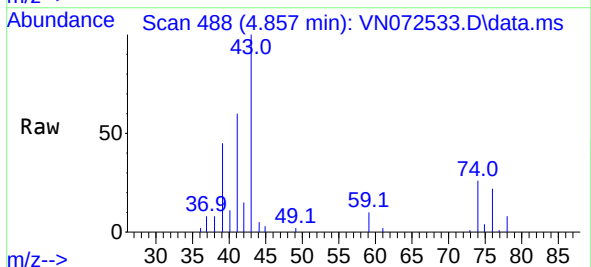
Manual Integrations
APPROVED

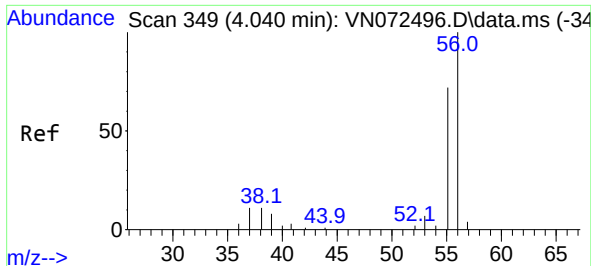
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
Methyl Acetate
Concen: 17.430 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 43 Resp: 49107
Ion Ratio Lower Upper
43 100
74 26.9 20.8 31.2





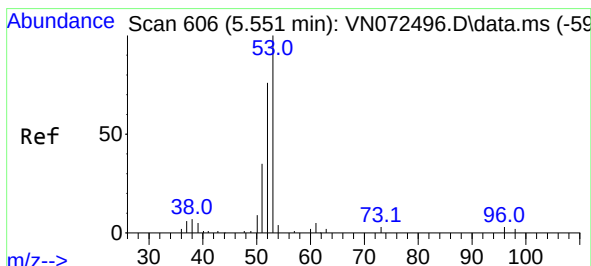
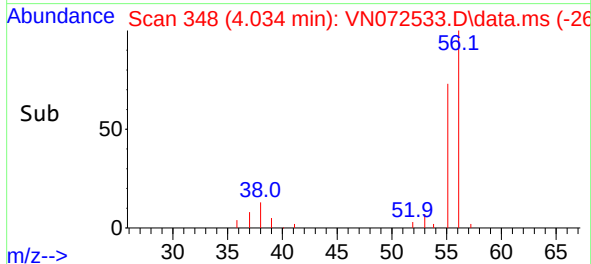
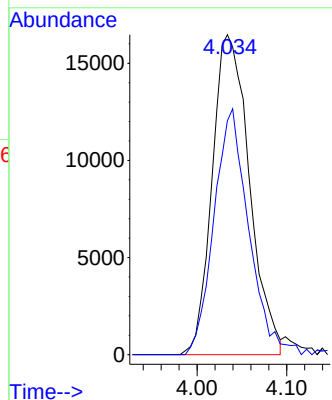
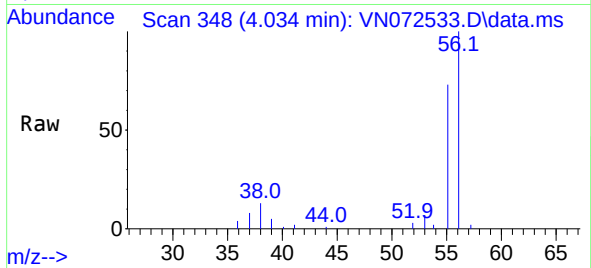
#13
Acrolein
Concen: 107.099 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 4741
Ion Ratio Lower Upper
56 100
55 71.1 57.6 86.4

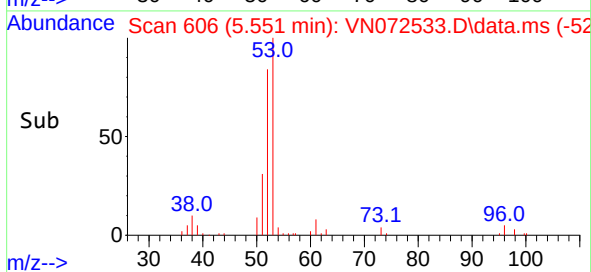
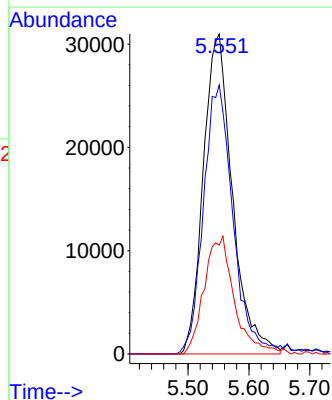
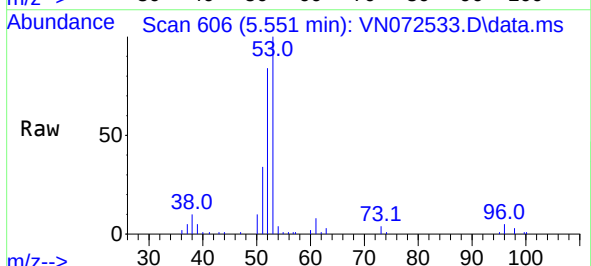
Manual Integrations
APPROVED

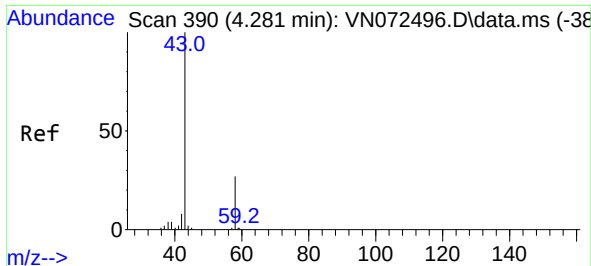
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#14
Acrylonitrile
Concen: 86.564 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

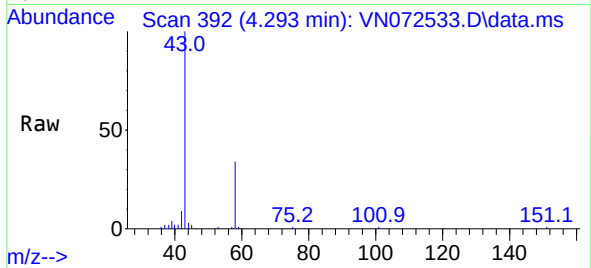
Tgt Ion: 53 Resp: 102894
Ion Ratio Lower Upper
53 100
52 85.2 41.8 125.4
51 20.4 19.0 57.0





#15
Acetone
Concen: 83.291 ug/l m
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

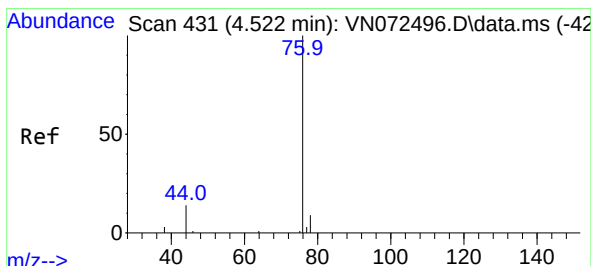
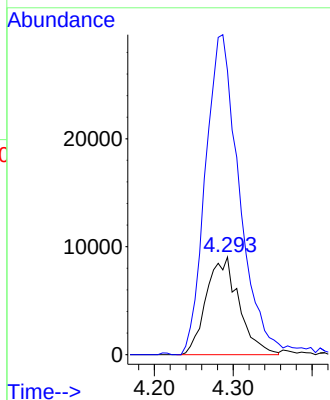
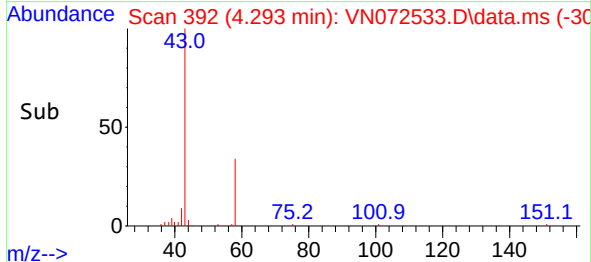
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



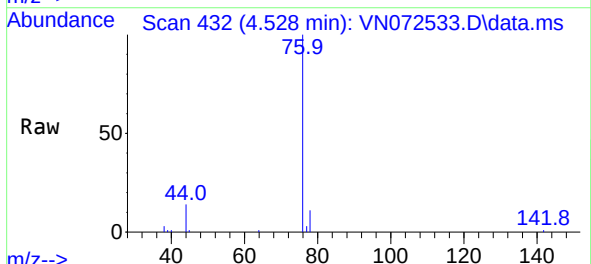
Tgt Ion: 58 Resp: 2596
Ion Ratio Lower Upper
58 100
43 290.9 256.6 384.8

Manual Integrations
APPROVED

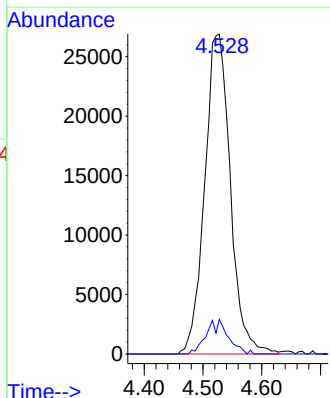
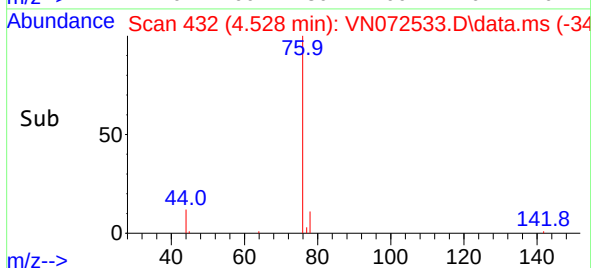
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

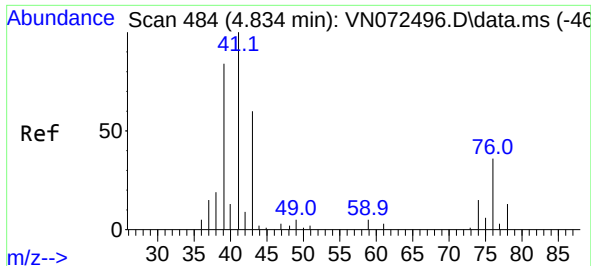


#16
Carbon Disulfide
Concen: 18.046 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



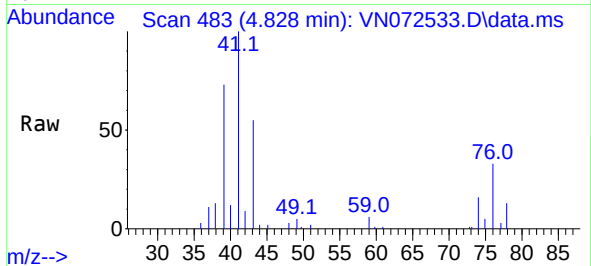
Tgt Ion: 76 Resp: 81521
Ion Ratio Lower Upper
76 100
78 10.8 7.8 11.8





#17
 Allyl chloride
 Concen: 17.600 ug/l
 RT: 4.828 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN072533.D
 Acq: 17 May 2022 17:05

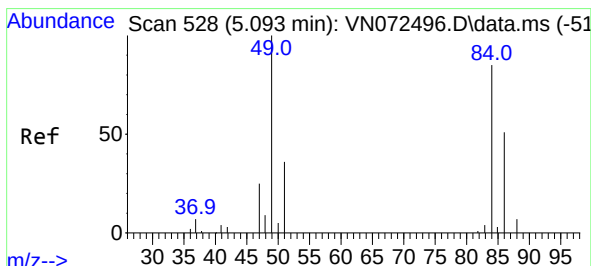
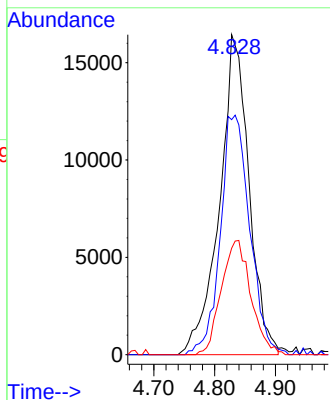
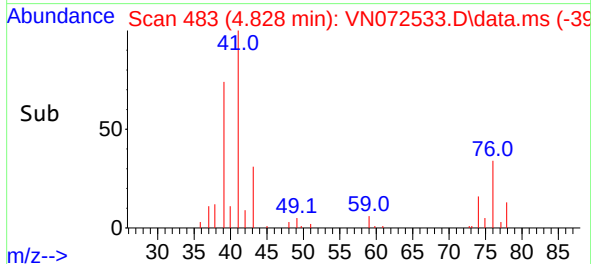
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 5532
 Ion Ratio Lower Upper
 41 100
 39 73.4 44.6 134.0
 76 33.3 19.6 58.7

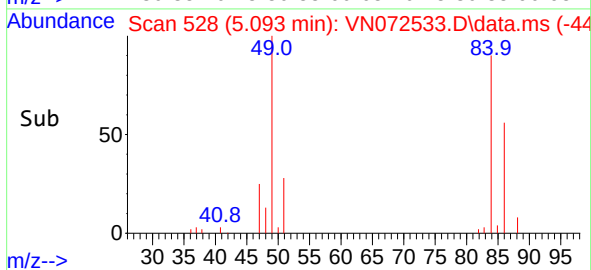
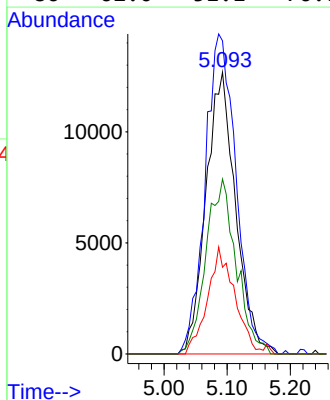
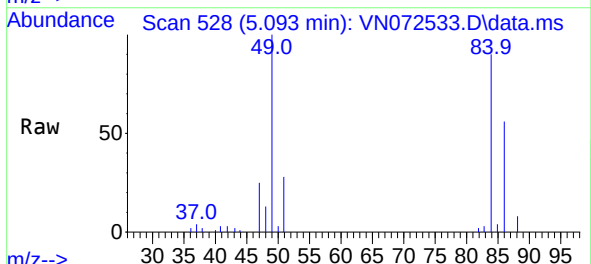
Manual Integrations
 APPROVED

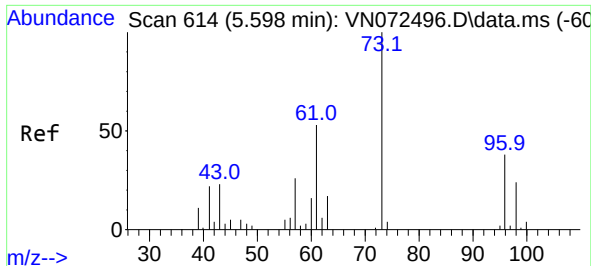
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#18
 Methylene Chloride
 Concen: 20.099 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN072533.D
 Acq: 17 May 2022 17:05

Tgt Ion: 84 Resp: 41431
 Ion Ratio Lower Upper
 84 100
 49 111.1 91.4 137.0
 51 30.8 29.4 44.0
 86 62.0 51.1 76.7





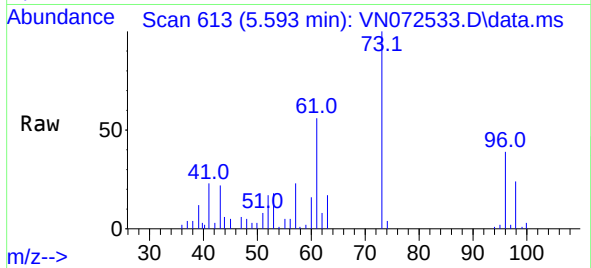
#19
trans-1,2-Dichloroethene
Concen: 18.949 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

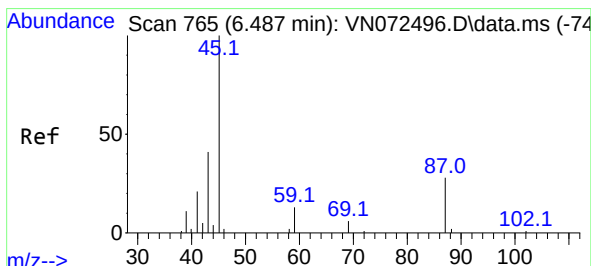
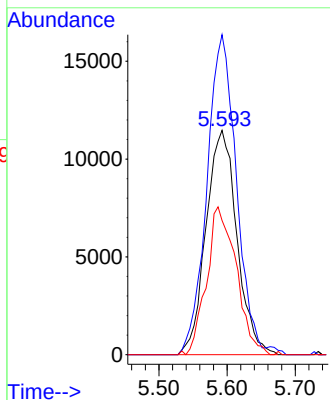
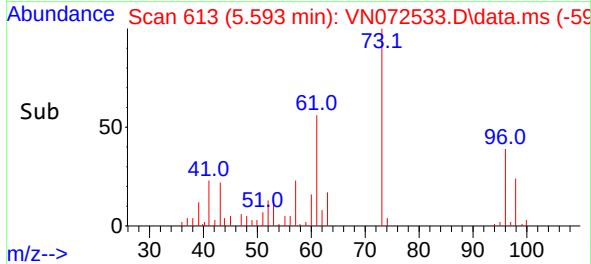


Tgt Ion: 96 Resp: 36249
Ion Ratio Lower Upper
96 100
61 142.7 102.8 154.2
98 59.9 49.3 73.9

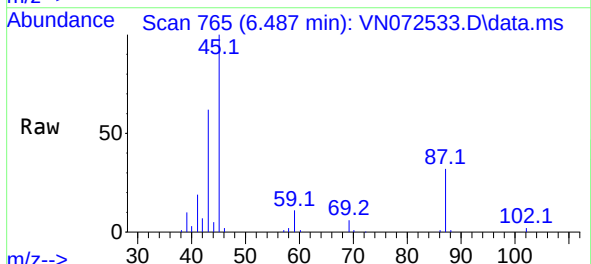
Manual Integrations

APPROVED

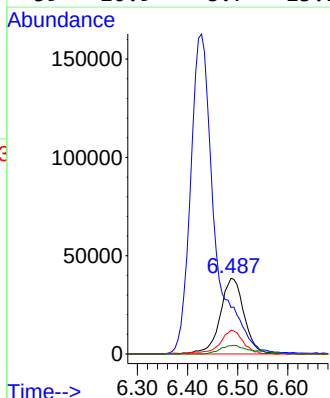
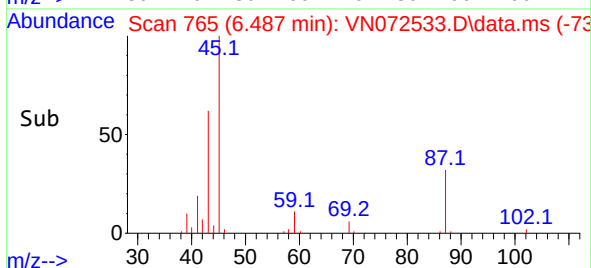
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

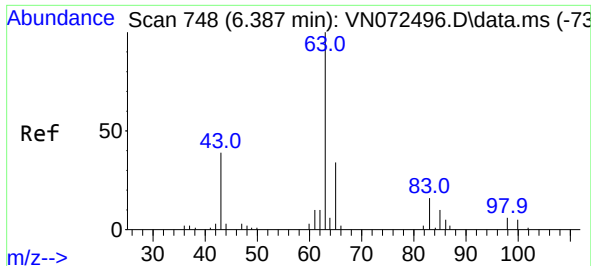


#20
Diisopropyl ether
Concen: 19.490 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion: 45 Resp: 127372
Ion Ratio Lower Upper
45 100
43 59.1 51.0 76.4
87 31.6 25.0 37.4
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.438 ug/l

RT: 6.387 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN072533.D

Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

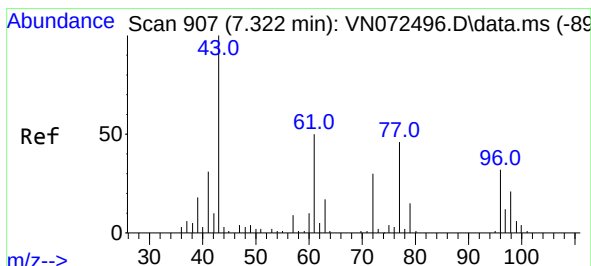
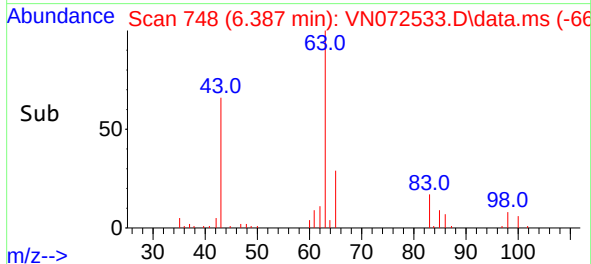
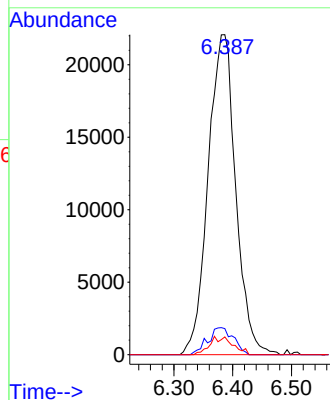
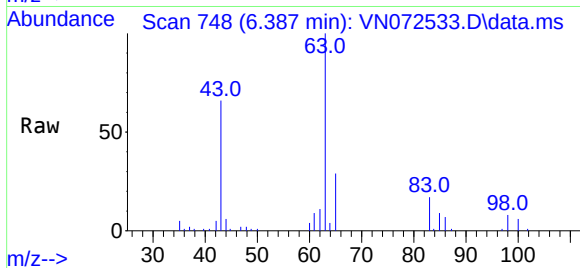
Tgt Ion:	63	Resp:	7205
Ion Ratio	Lower	Upper	
63	100		
98	8.1	3.2	9.6
100	5.5	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#22

cis-1,2-Dichloroethene

Concen: 19.162 ug/l

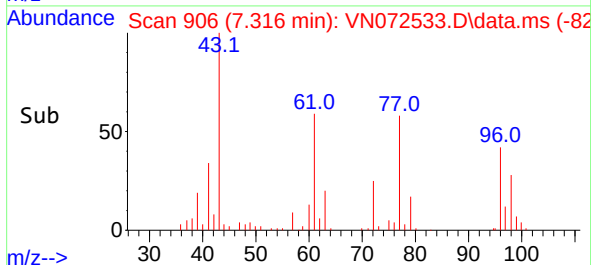
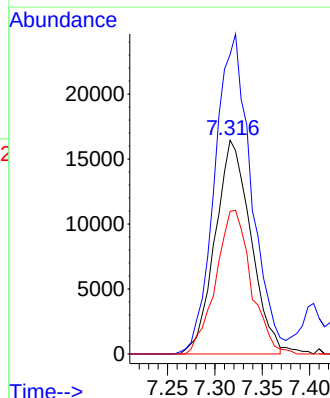
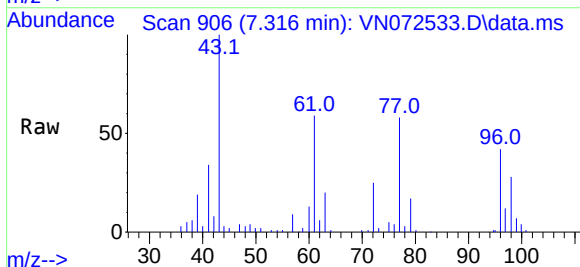
RT: 7.316 min Scan# 906

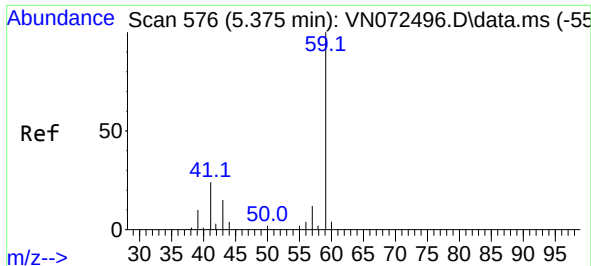
Delta R.T. -0.006 min

Lab File: VN072533.D

Acq: 17 May 2022 17:05

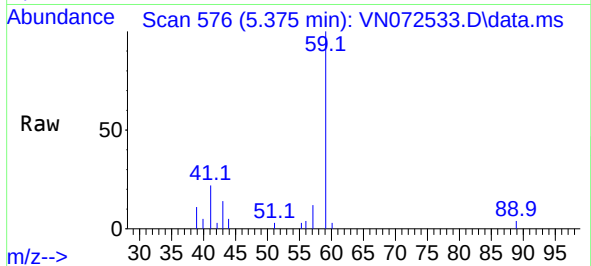
Tgt Ion:	96	Resp:	43034
Ion Ratio	Lower	Upper	
96	100		
61	153.9	115.7	173.5
98	66.5	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 53.742 ug/l m
RT: 5.375 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

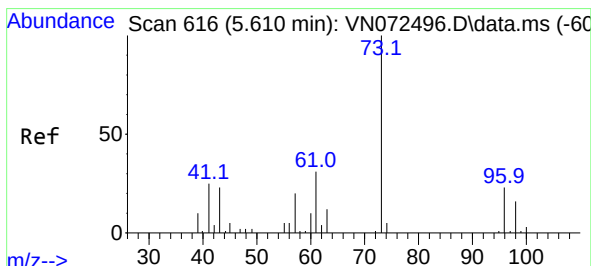
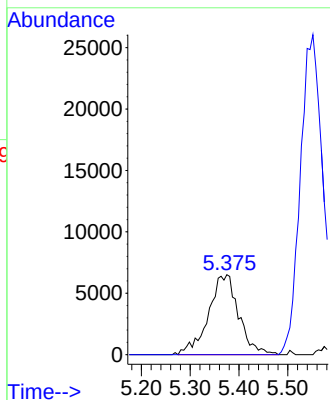
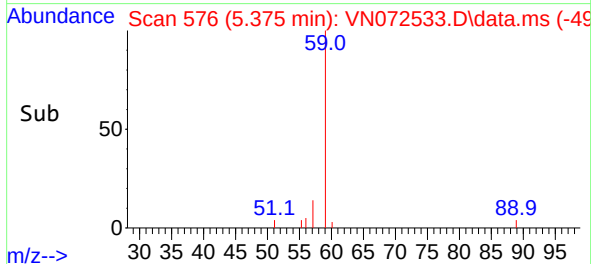
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



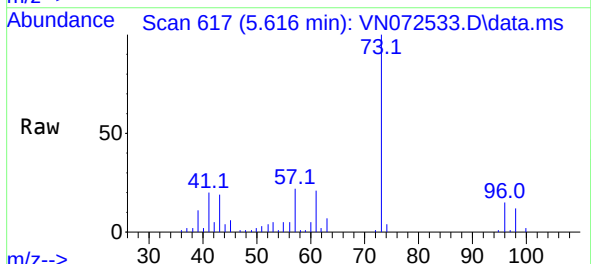
Tgt Ion: 59 Resp: 28020
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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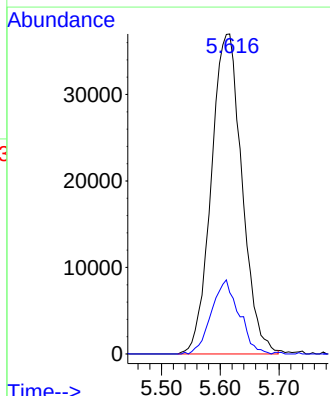
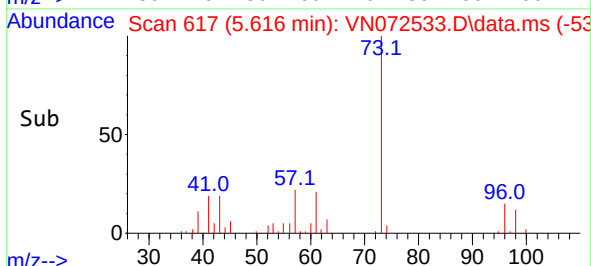
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

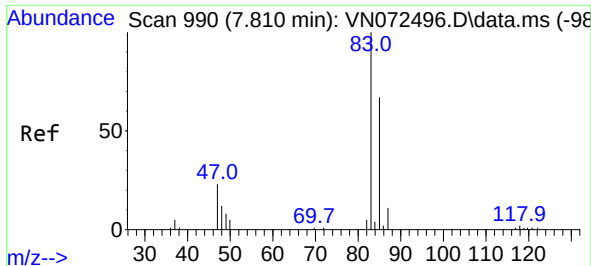


#24
Methyl tert-Butyl Ether
Concen: 18.781 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



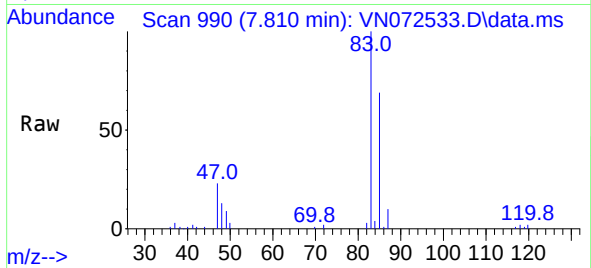
Tgt Ion: 73 Resp: 134181
Ion Ratio Lower Upper
73 100
43 20.8 18.1 27.1





#25
Chloroform
Concen: 18.647 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

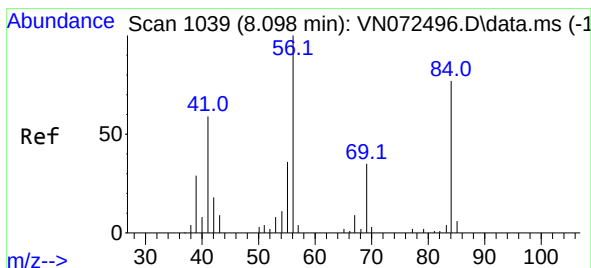
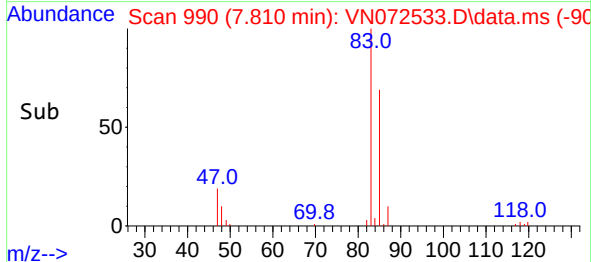
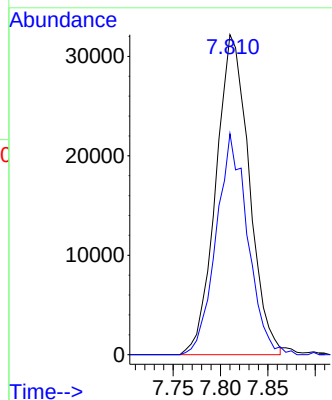
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 78594
Ion Ratio Lower Upper
83 100
85 69.0 51.3 76.9

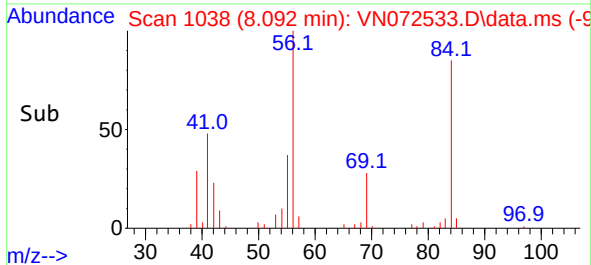
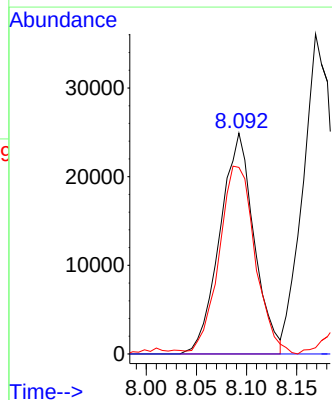
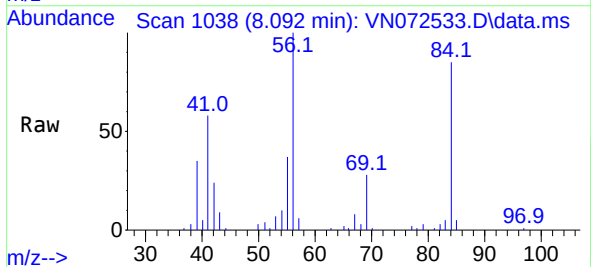
Manual Integrations
APPROVED

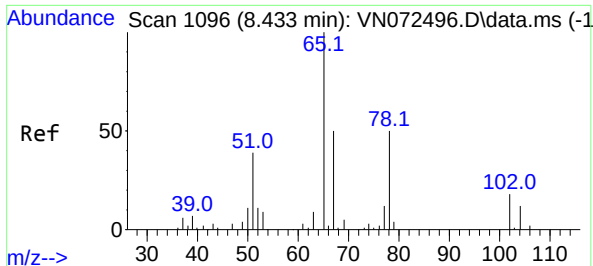
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
Cyclohexane
Concen: 18.662 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 56 Resp: 59187
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 89.6 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.009 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

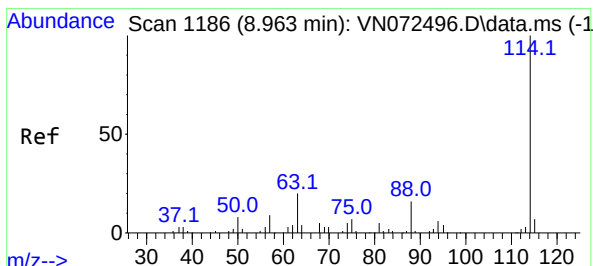
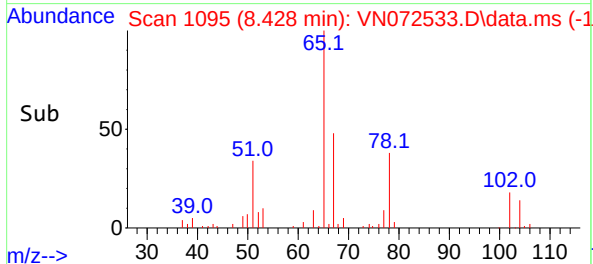
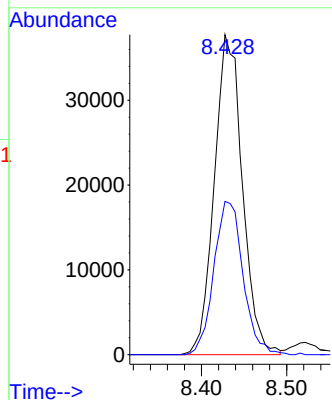
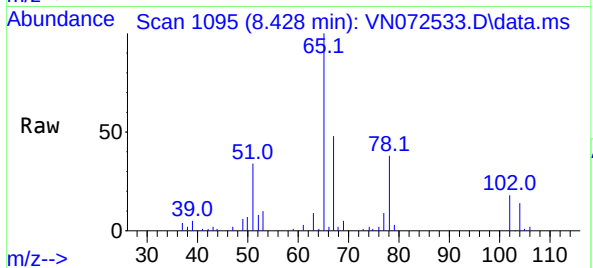
VSTDCCC020EC

Tgt Ion: 65 Resp: 8635
Ion Ratio Lower Upper
65 100
67 49.8 40.2 60.2

Manual Integrations

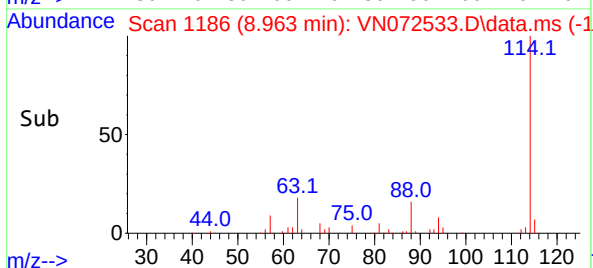
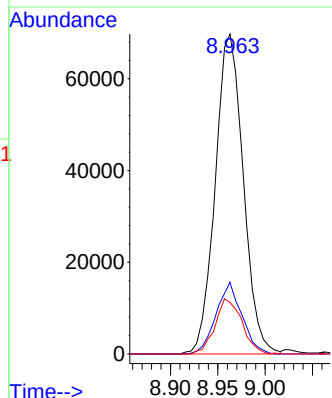
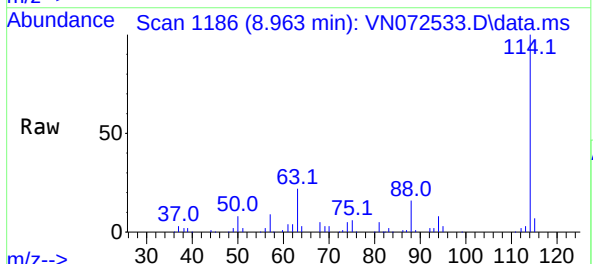
APPROVED

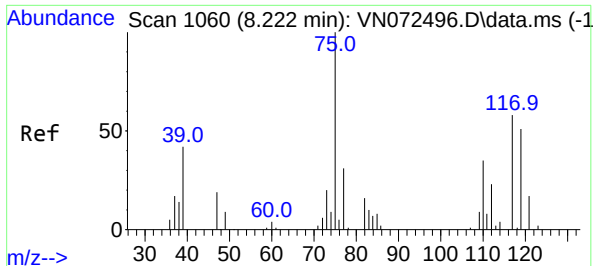
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:114 Resp: 143797
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 16.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.484 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

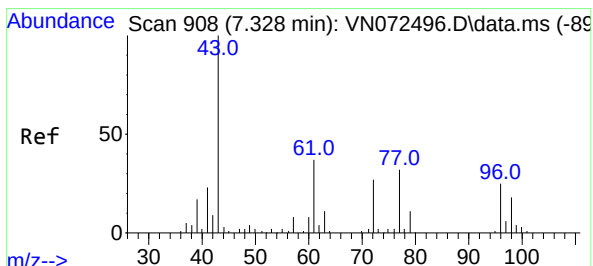
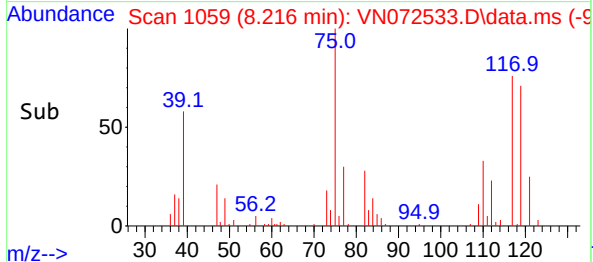
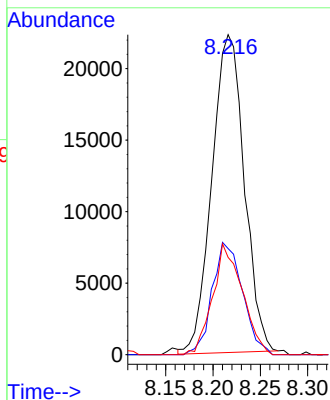
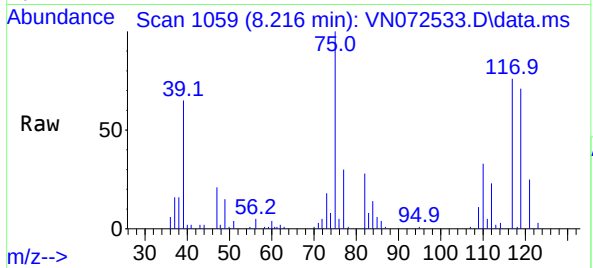
VSTDCCC020EC

Tgt Ion: 75 Resp: 52934
Ion Ratio Lower Upper
75 100
110 33.0 0.0 74.2
77 32.0 0.0 63.2

Manual Integrations

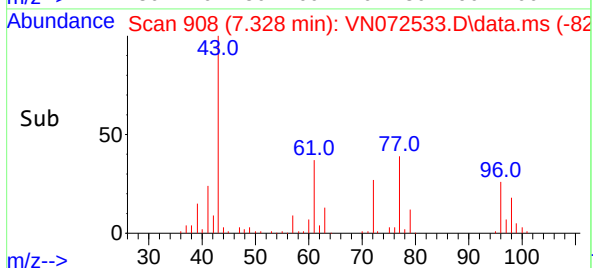
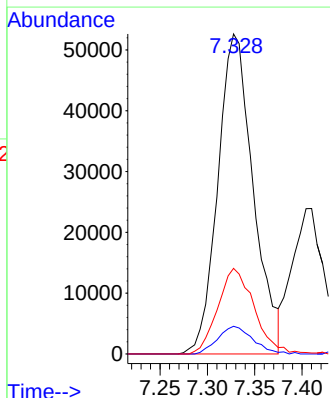
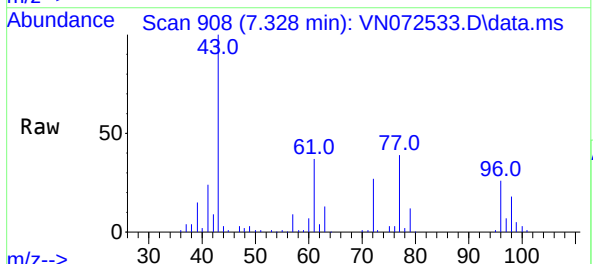
APPROVED

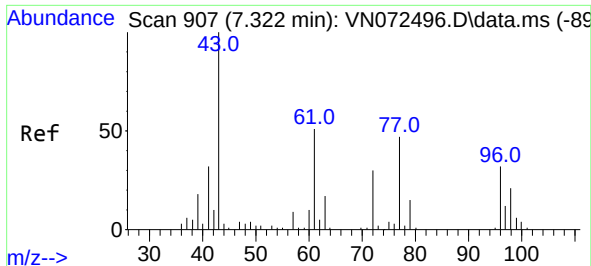
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
2-Butanone
Concen: 82.570 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 43 Resp: 136861
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 27.2 23.2 34.8





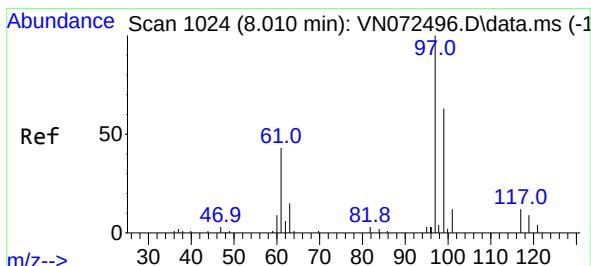
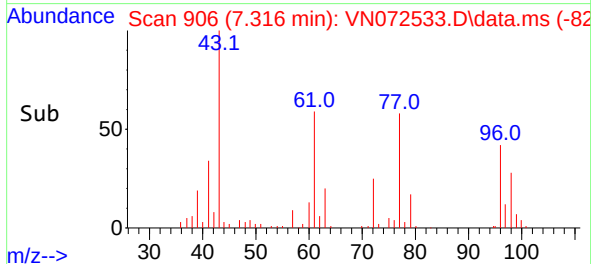
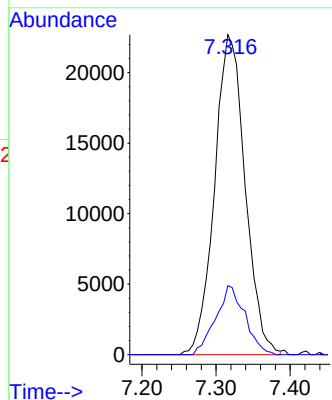
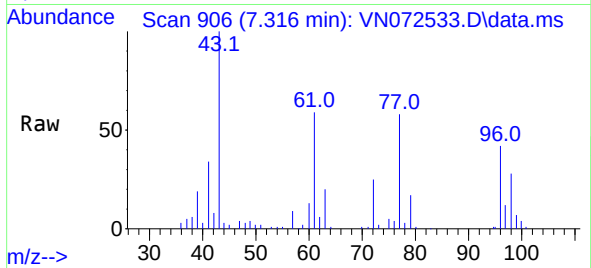
#31
2,2-Dichloropropane
Concen: 18.273 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 6492
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5

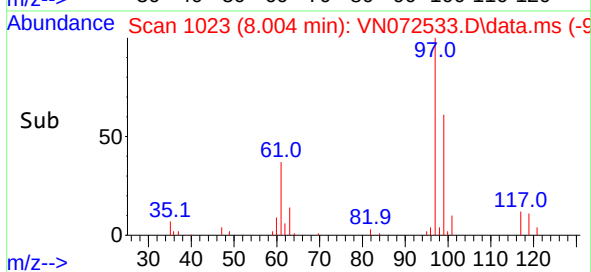
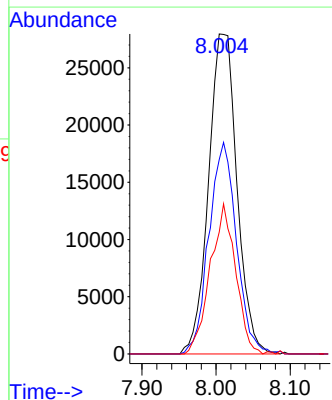
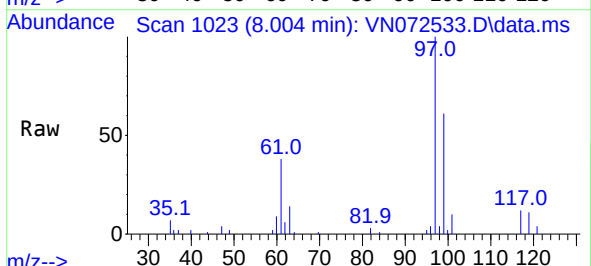
Manual Integrations
APPROVED

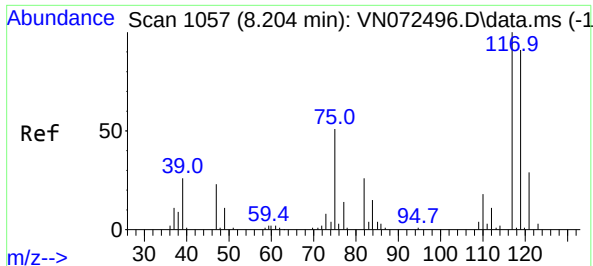
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#32
1,1,1-Trichloroethane
Concen: 18.296 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 97 Resp: 74736
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 42.0 34.6 51.8





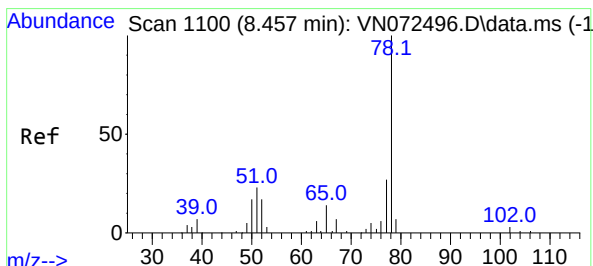
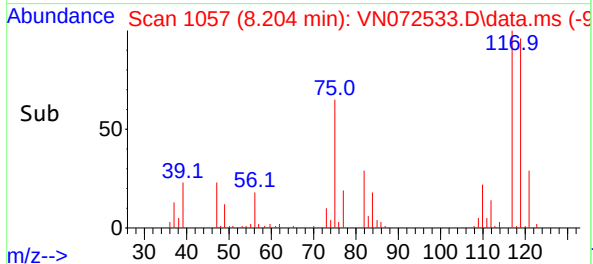
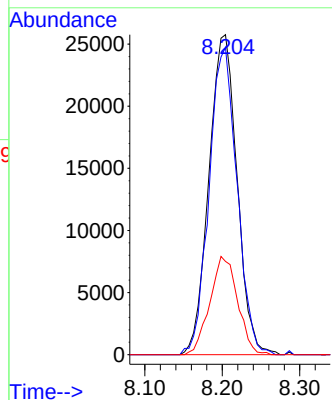
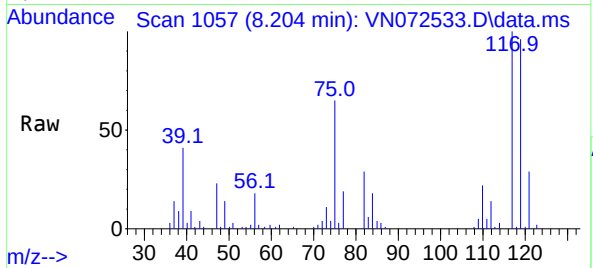
#33
Carbon Tetrachloride
Concen: 17.928 ug/l
RT: 8.204 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 6508
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3
121 29.1 23.5 35.3

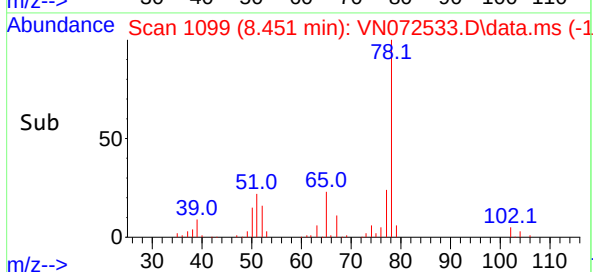
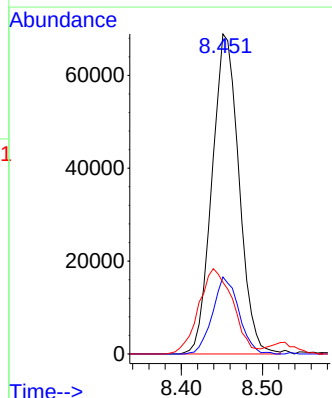
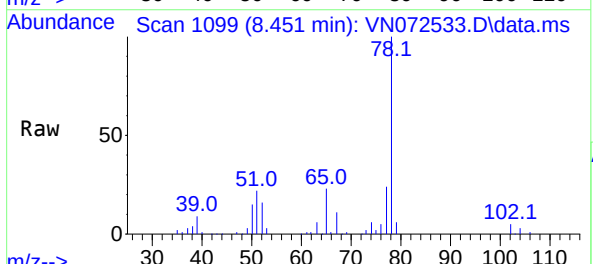
Manual Integrations
APPROVED

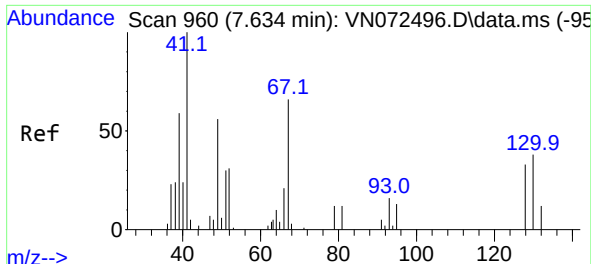
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#34
Benzene
Concen: 19.547 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 78 Resp: 159061
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 20.6 16.0 24.0





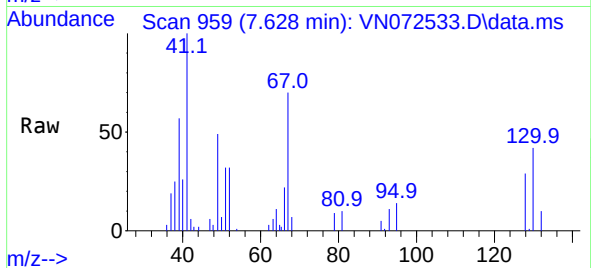
#35
Methacrylonitrile
Concen: 18.684 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

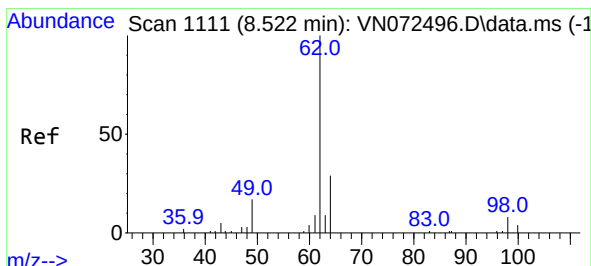
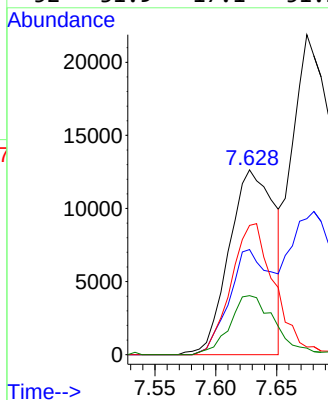
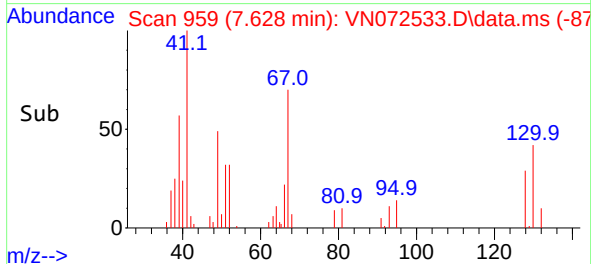


Tgt Ion: 41 Resp: 32744
Ion Ratio Lower Upper
41 100
39 56.9 28.0 83.9
67 70.0 37.7 113.1
52 31.9 17.1 51.2

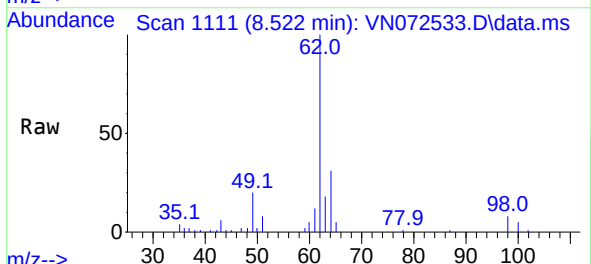
Manual Integrations

APPROVED

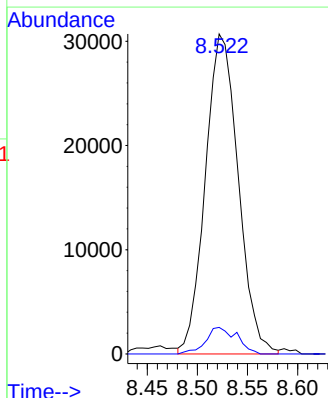
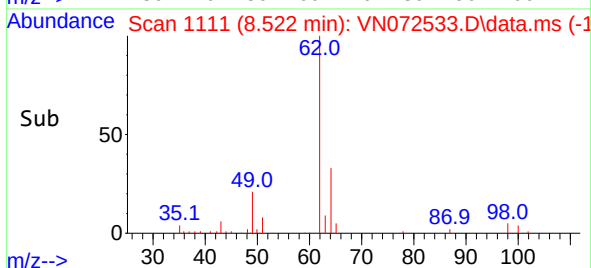
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

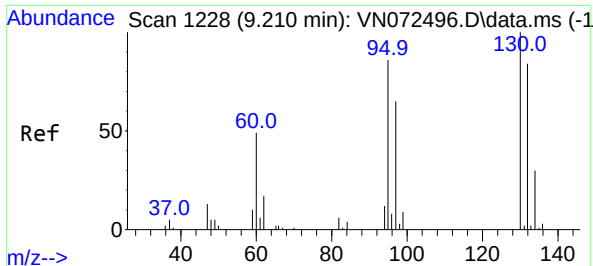


#36
1,2-Dichloroethane
Concen: 18.495 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



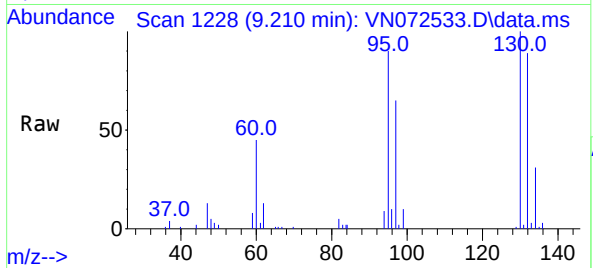
Tgt Ion: 62 Resp: 70091
Ion Ratio Lower Upper
62 100
98 6.0 6.6 10.0#





#37
Trichloroethene
Concen: 19.165 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

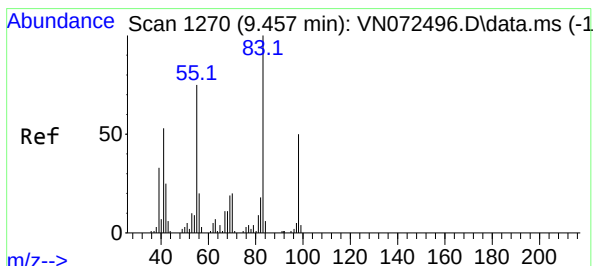
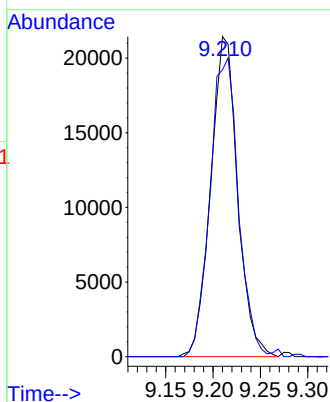
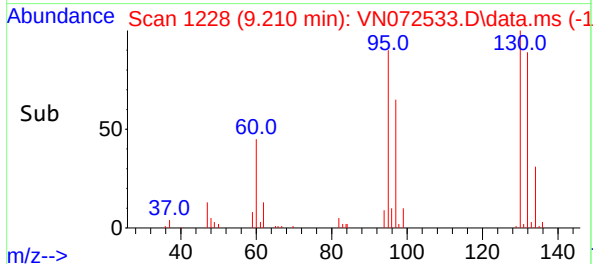
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



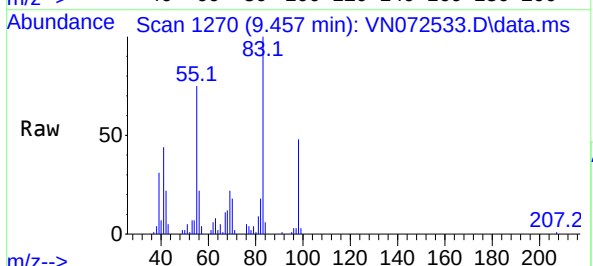
Tgt Ion:130 Resp: 42310
Ion Ratio Lower Upper
130 100
95 89.7 76.6 115.0

Manual Integrations
APPROVED

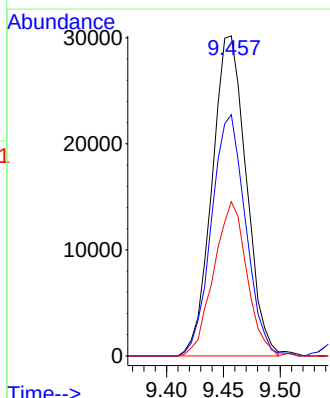
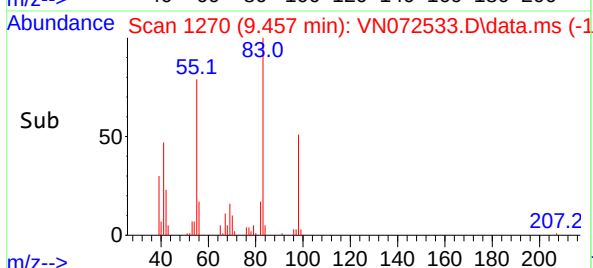
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

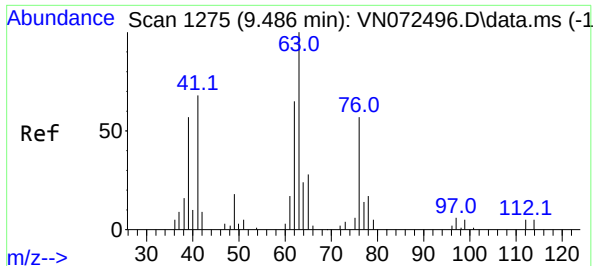


#38
Methylcyclohexane
Concen: 19.072 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



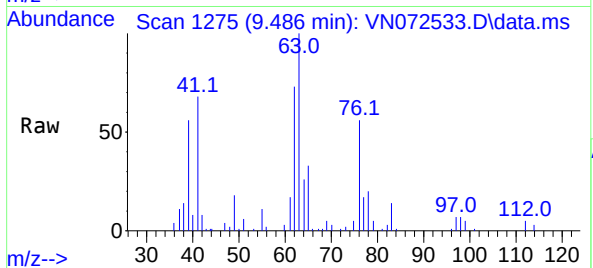
Tgt Ion: 83 Resp: 63147
Ion Ratio Lower Upper
83 100
55 75.3 35.1 105.3
98 46.5 23.4 70.2





#39
1,2-Dichloropropane
Concen: 19.970 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

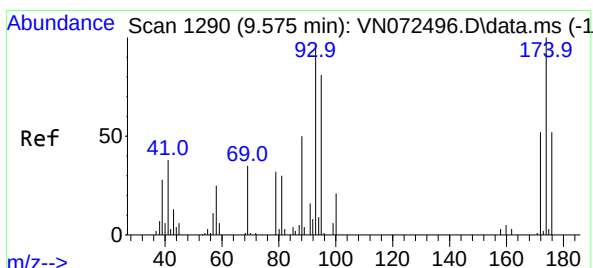
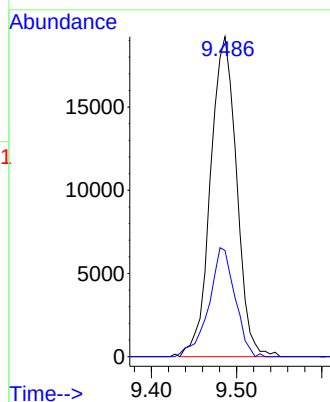
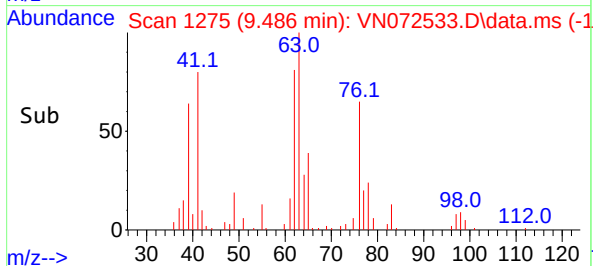
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



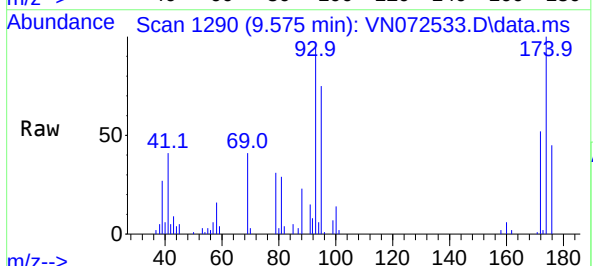
Tgt Ion: 63 Resp: 40934
Ion Ratio Lower Upper
63 100
65 33.2 24.2 36.4

Manual Integrations
APPROVED

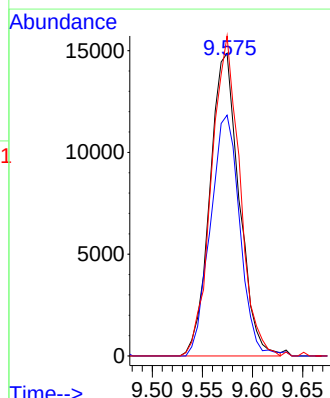
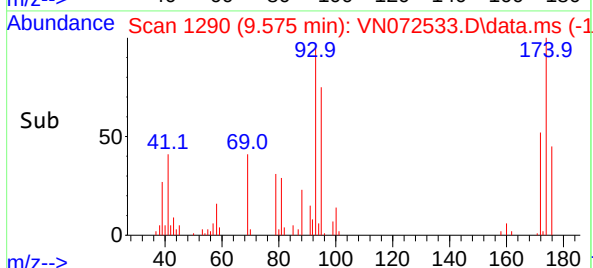
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

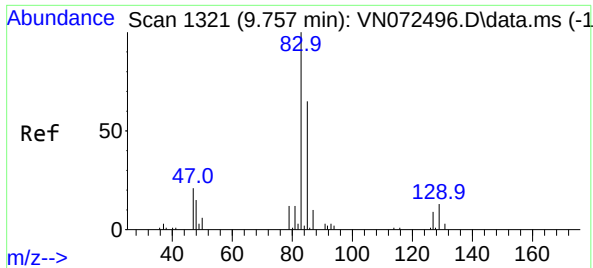


#40
Dibromomethane
Concen: 19.107 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



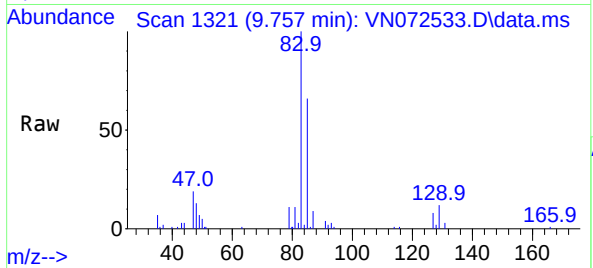
Tgt Ion: 93 Resp: 30234
Ion Ratio Lower Upper
93 100
95 78.9 0.0 168.8
174 102.1 0.0 173.6





#41
Bromodichloromethane
Concen: 18.657 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

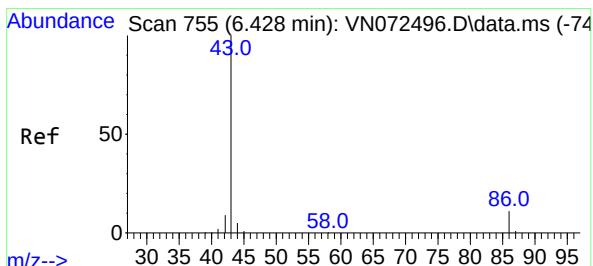
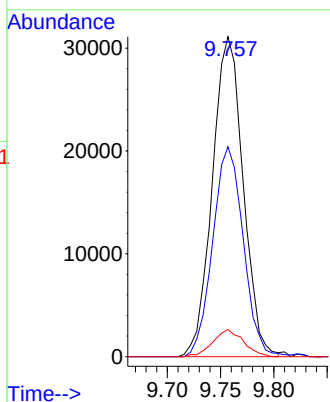
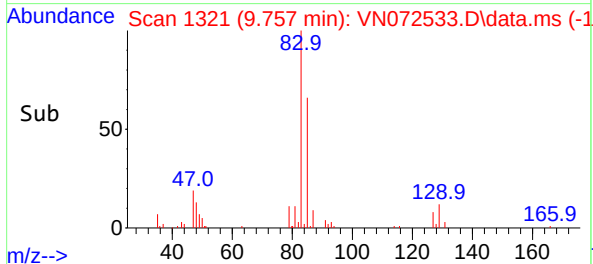
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



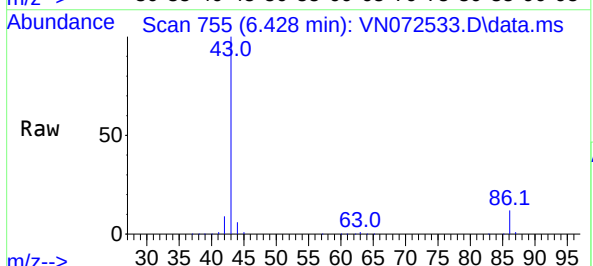
Tgt Ion: 83 Resp: 62544
Ion Ratio Lower Upper
83 100
85 65.6 54.1 81.1
127 8.5 7.6 11.4

Manual Integrations
APPROVED

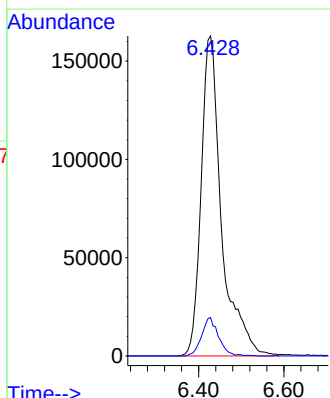
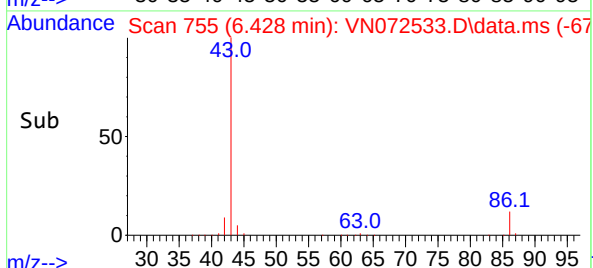
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

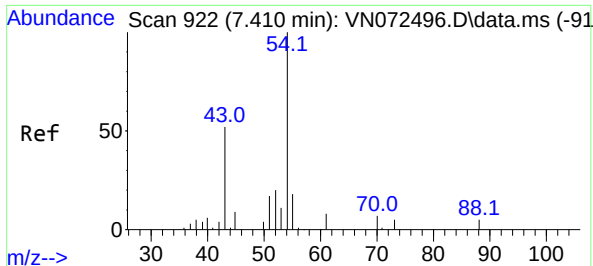


#42
Vinyl Acetate
Concen: 96.995 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion: 43 Resp: 541122
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3





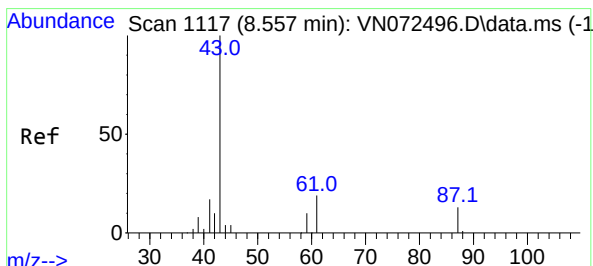
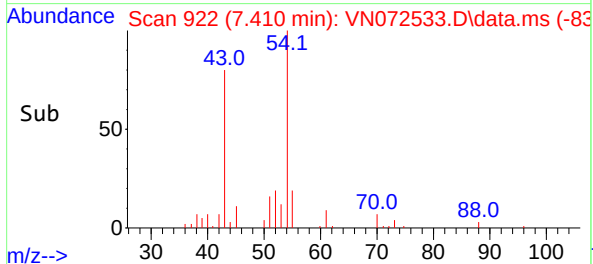
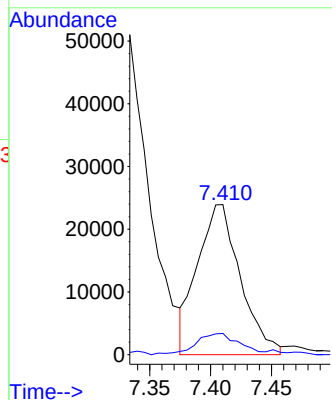
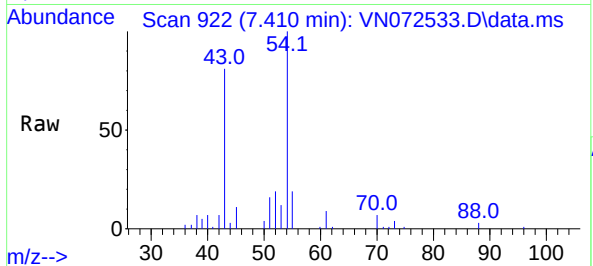
#43
Ethyl Acetate
Concen: 18.079 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 58519
Ion Ratio Lower Upper
43 100
45 14.2 10.6 16.0

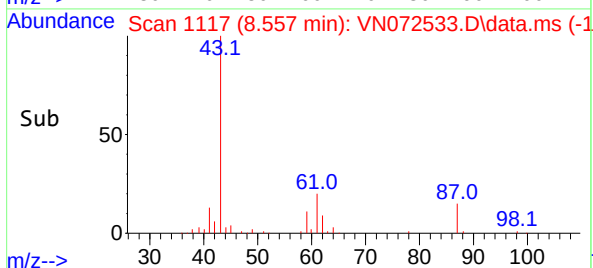
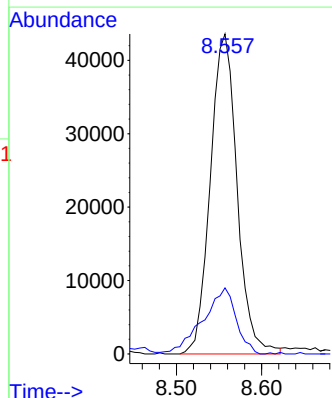
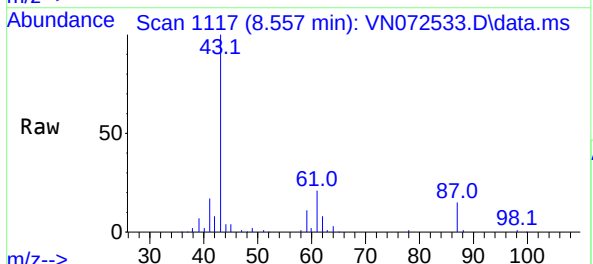
Manual Integrations
APPROVED

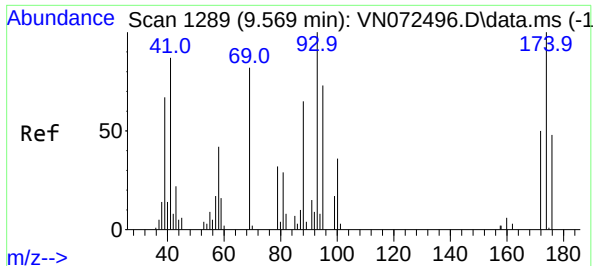
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Isopropyl Acetate
Concen: 18.366 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 43 Resp: 95165
Ion Ratio Lower Upper
43 100
61 25.7 20.1 30.1





#45

1,4-Dioxane

Concen: 165.000 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072533.D

Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 814

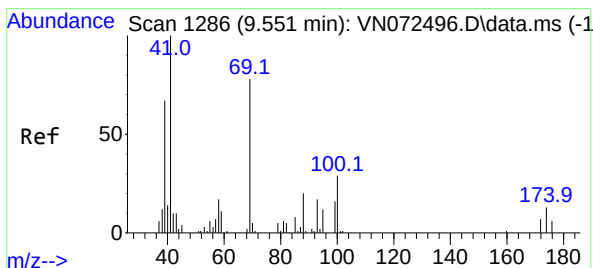
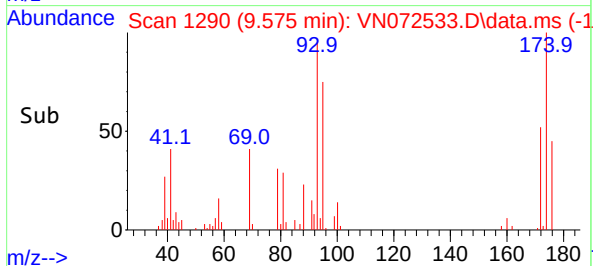
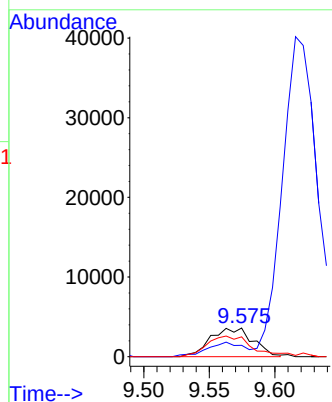
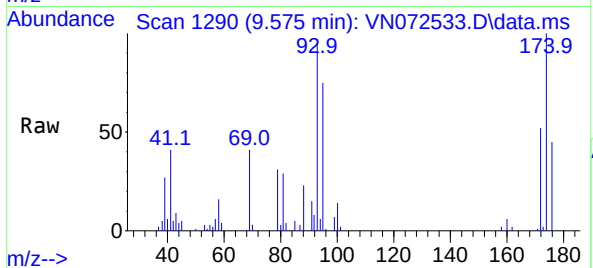
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.0	37.6
58	47.6	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Methyl methacrylate

Concen: 18.623 ug/l

RT: 9.551 min Scan# 1286

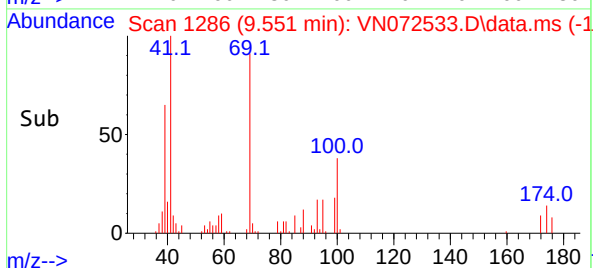
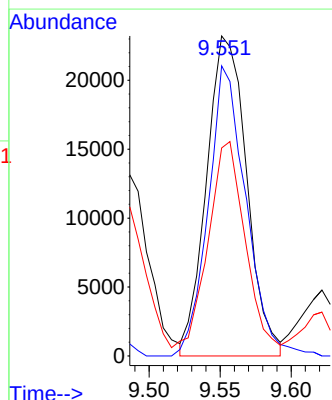
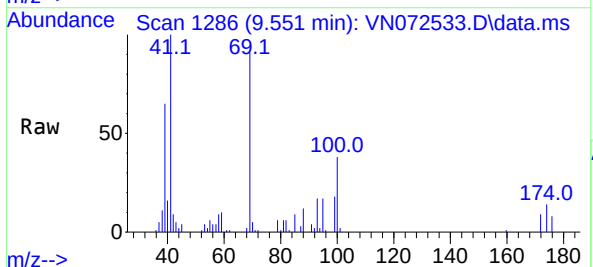
Delta R.T. 0.000 min

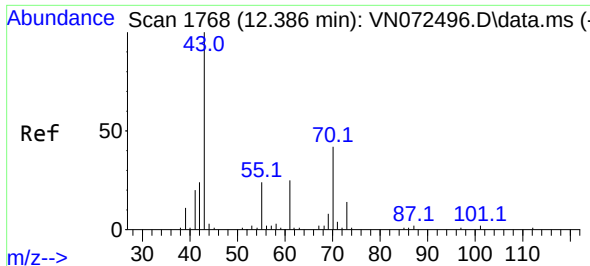
Lab File: VN072533.D

Acq: 17 May 2022 17:05

Tgt Ion: 41 Resp: 45661

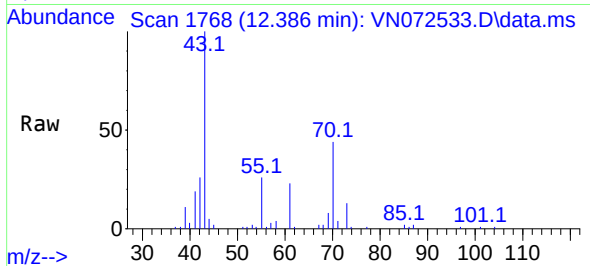
Ion	Ratio	Lower	Upper
41	100		
69	92.2	44.4	133.2
39	64.1	39.9	119.6





#47
n-amy1 Acetate
Concen: 16.074 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

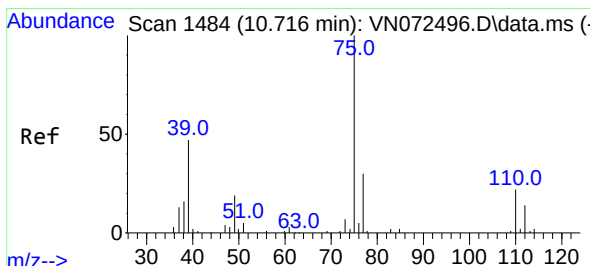
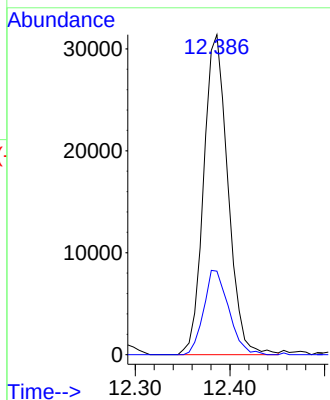
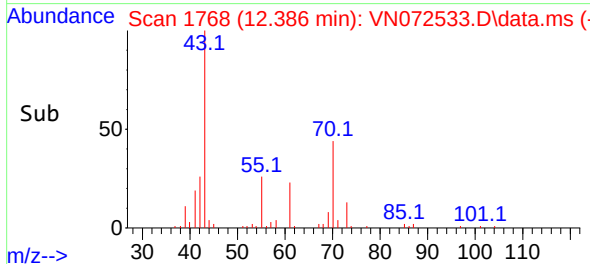
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



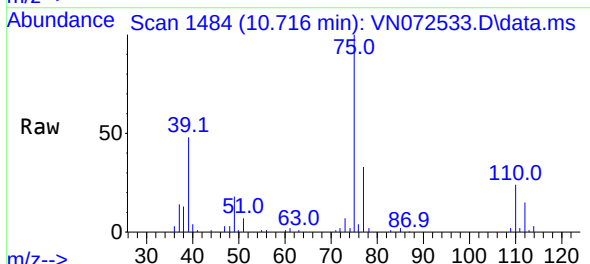
Tgt Ion: 43 Resp: 55750
Ion Ratio Lower Upper
43 100
55 27.0 19.0 28.6

Manual Integrations
APPROVED

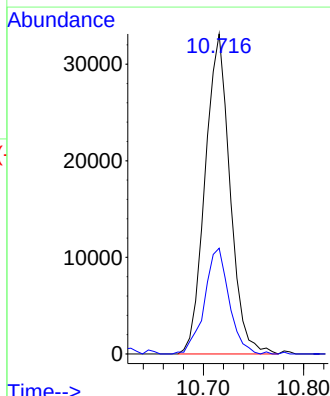
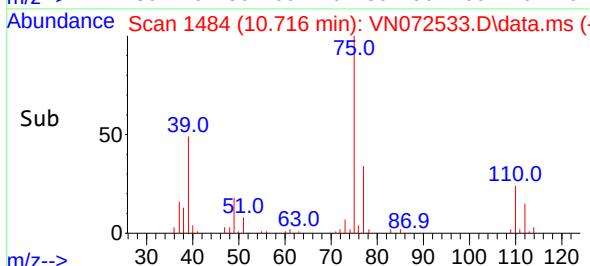
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

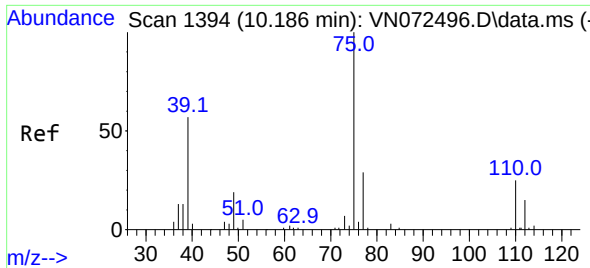


#48
t-1,3-Dichloropropene
Concen: 16.156 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



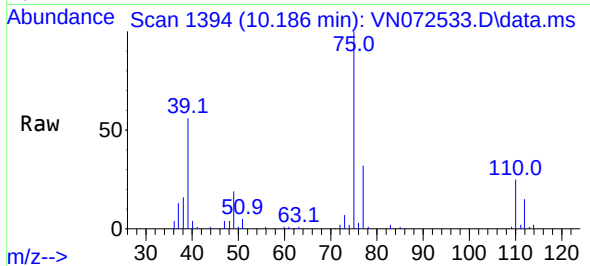
Tgt Ion: 75 Resp: 57176
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.101 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

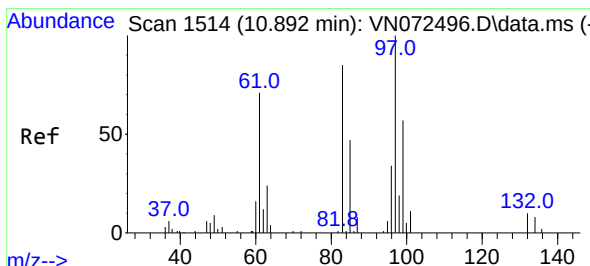
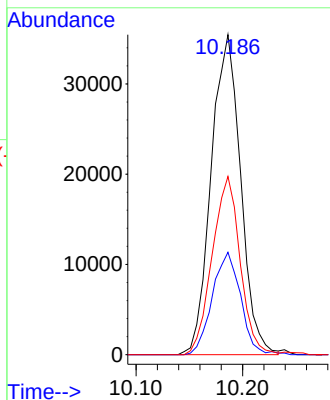
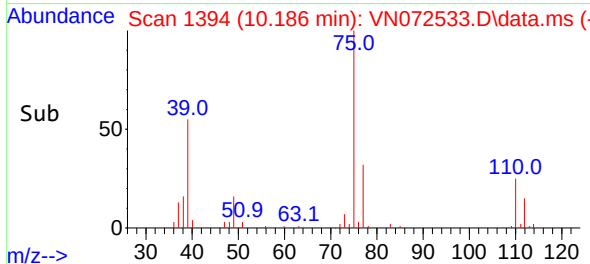
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



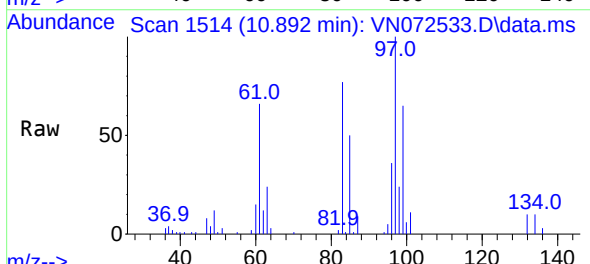
Tgt Ion: 75 Resp: 6813
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 55.7 46.2 69.4

Manual Integrations
APPROVED

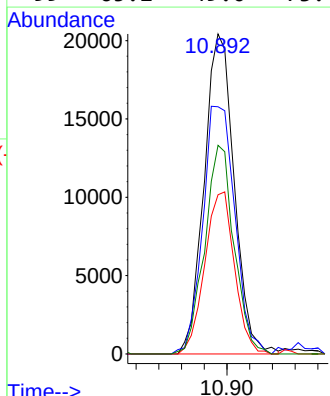
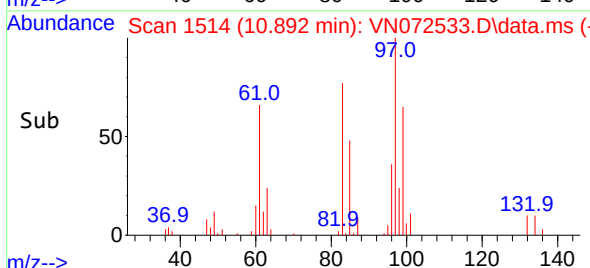
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

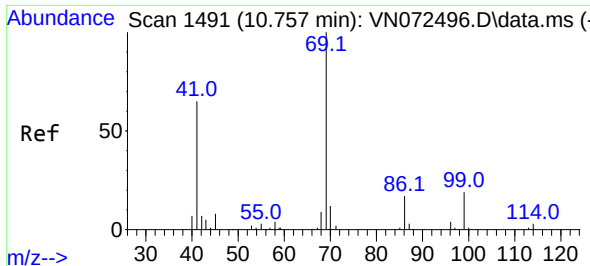


#50
1,1,2-Trichloroethane
Concen: 17.209 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion: 97 Resp: 37559
Ion Ratio Lower Upper
97 100
83 75.9 67.2 100.8
85 49.7 43.0 64.4
99 65.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 16.345 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

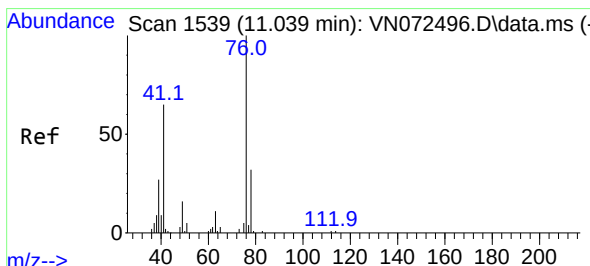
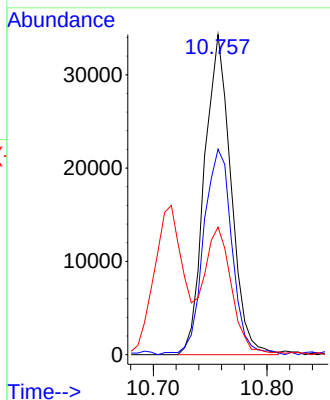
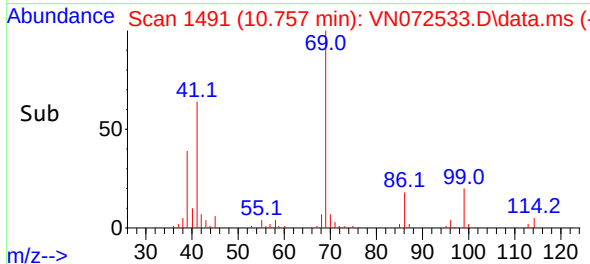
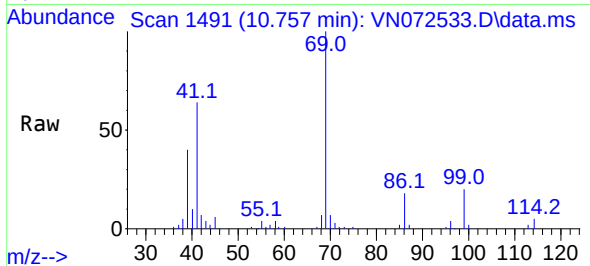
VSTDCCC020EC

Tgt Ion: 69 Resp: 55630
Ion Ratio Lower Upper
69 100
41 63.6 33.0 98.9
39 39.0 25.4 76.4

Manual Integrations

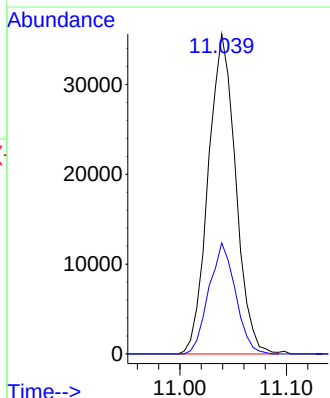
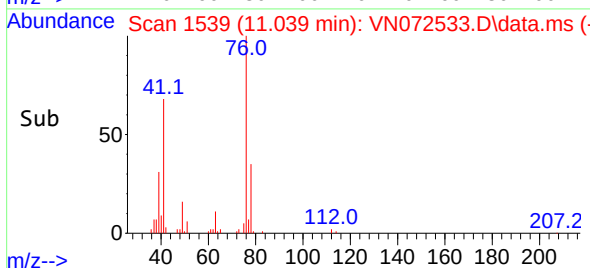
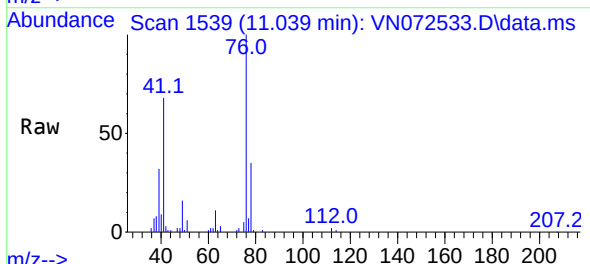
APPROVED

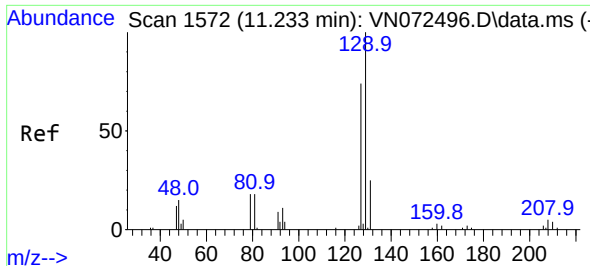
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
1,3-Dichloropropane
Concen: 16.929 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

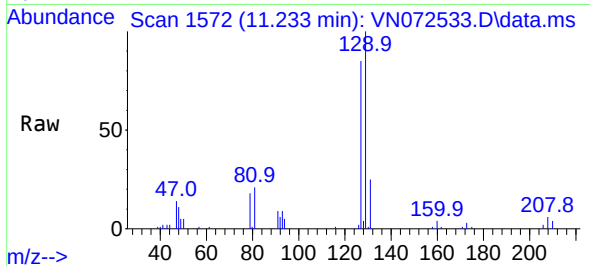
Tgt Ion: 76 Resp: 63838
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.4





#53
Dibromochloromethane
Concen: 16.465 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

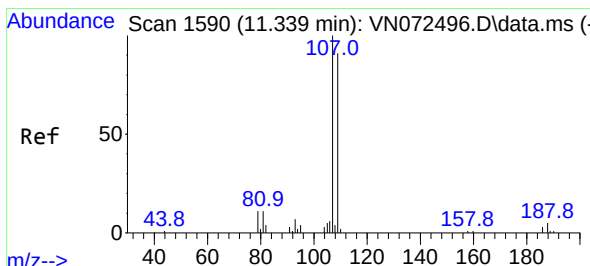
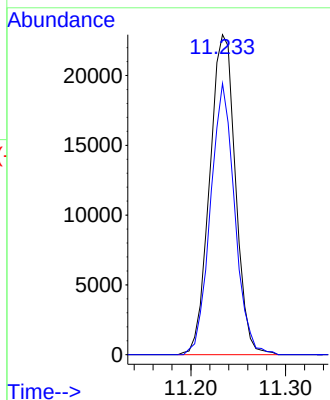
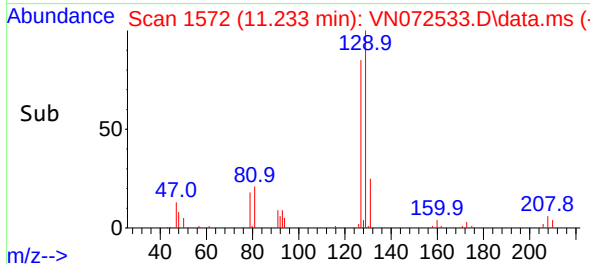
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



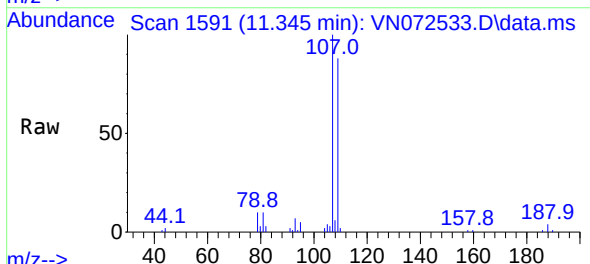
Tgt Ion:129 Resp: 4339
Ion Ratio Lower Upper
129 100
127 79.8 39.0 117.0

Manual Integrations
APPROVED

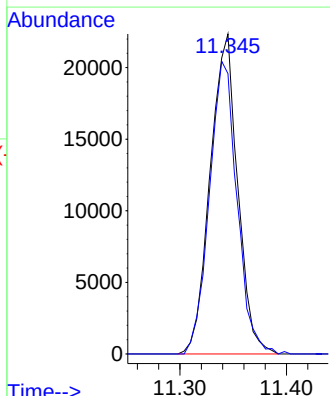
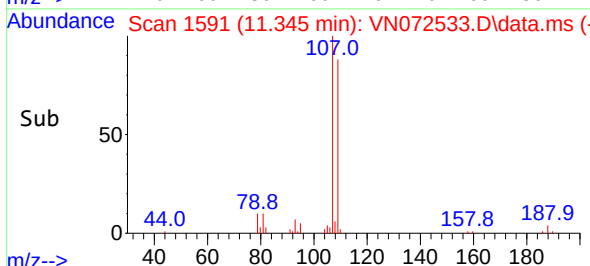
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

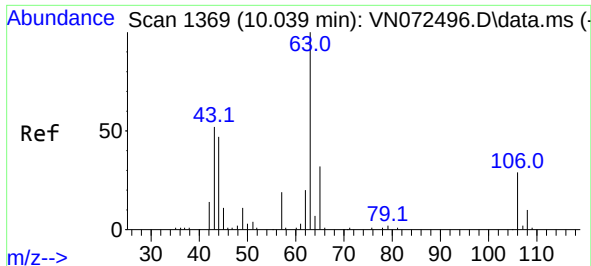


#54
1,2-Dibromoethane
Concen: 17.265 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion:107 Resp: 40084
Ion Ratio Lower Upper
107 100
109 91.9 72.8 109.2





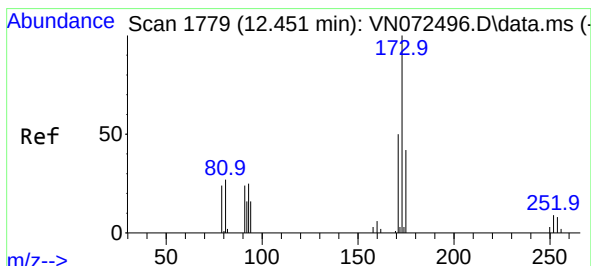
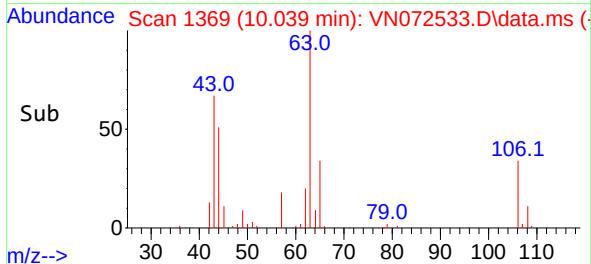
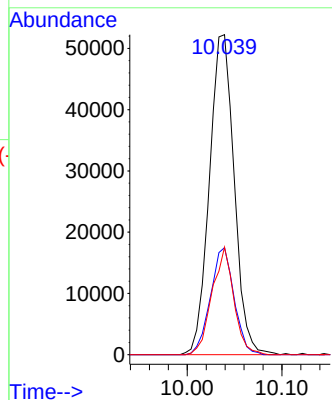
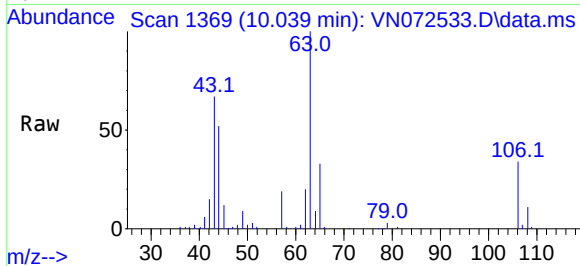
#55
2-Chloroethyl vinyl ether
Concen: 110.098 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 9507
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 29.6 23.2 34.8

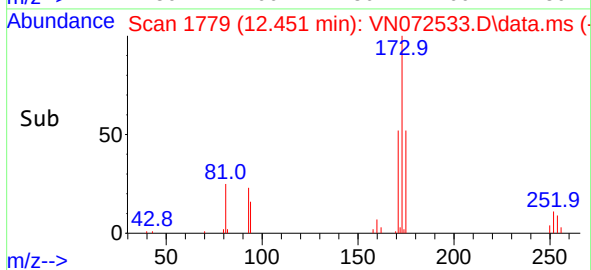
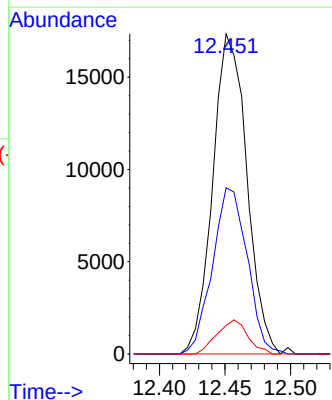
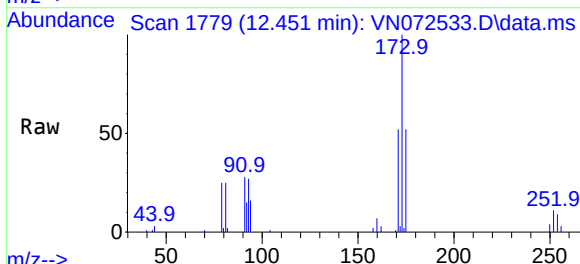
Manual Integrations
APPROVED

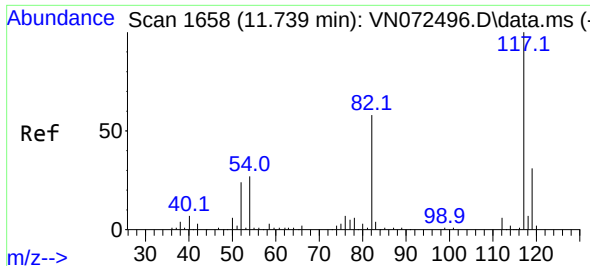
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#56
Bromoform
Concen: 15.762 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:173 Resp: 31326
Ion Ratio Lower Upper
173 100
175 52.9 38.6 58.0
254 9.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

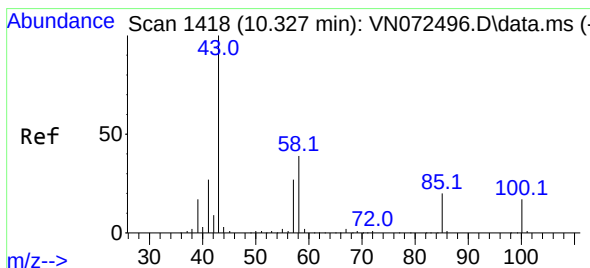
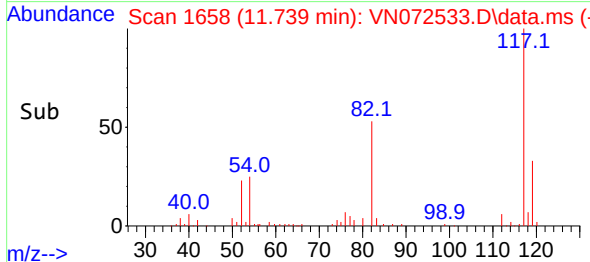
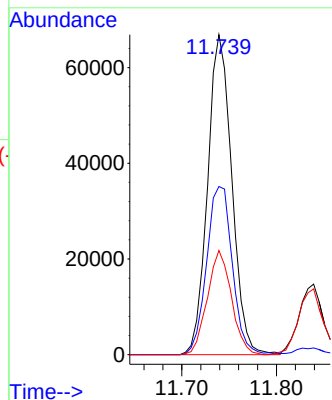
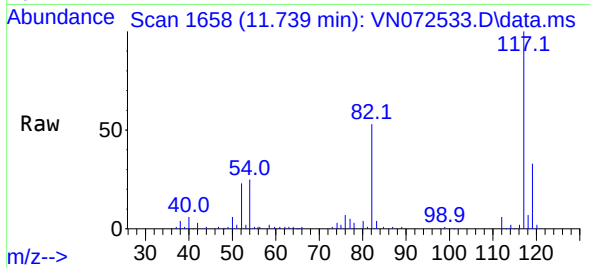
VSTDCCC020EC

Tgt Ion:117 Resp: 11910
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 32.4 25.8 38.6

Manual Integrations

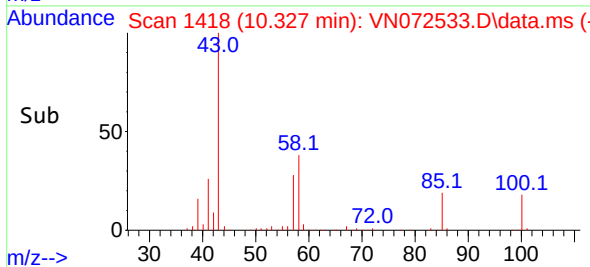
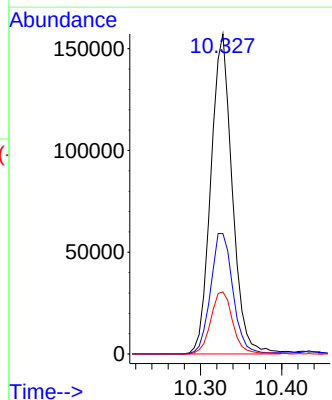
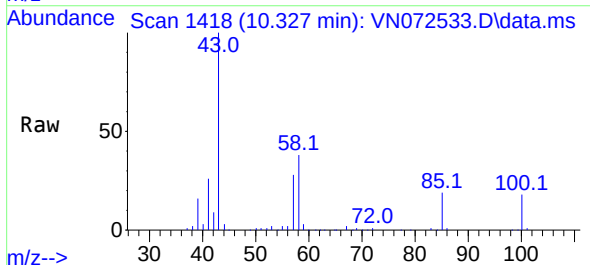
APPROVED

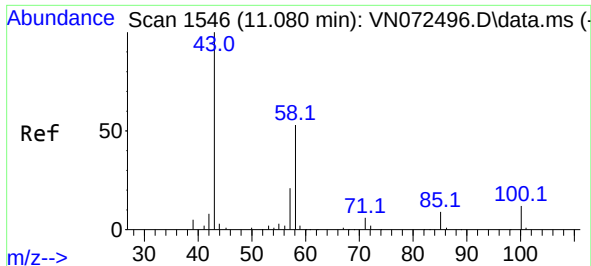
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#58
4-Methyl-2-Pentanone
Concen: 102.532 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

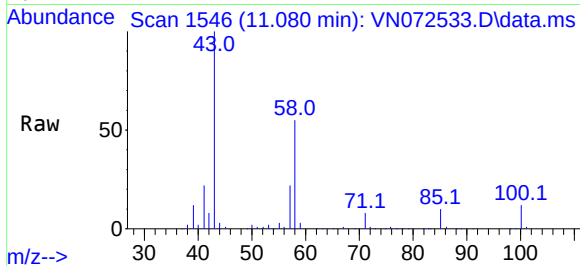
Tgt Ion: 43 Resp: 287763
Ion Ratio Lower Upper
43 100
58 39.4 30.0 45.0
85 19.7 15.0 22.6





#59
2-Hexanone
Concen: 85.203 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

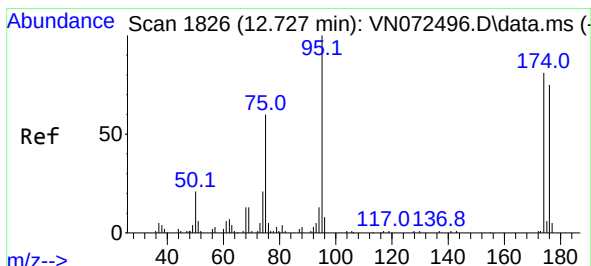
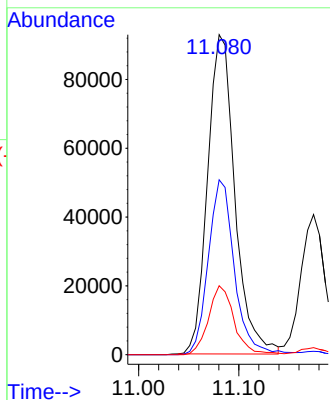
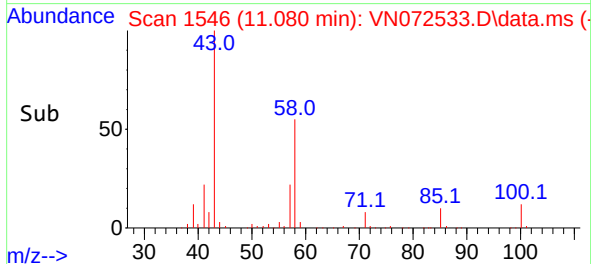
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



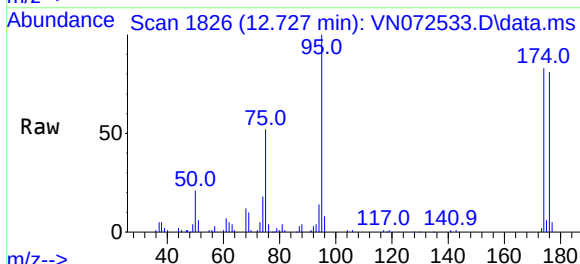
Tgt Ion: 43 Resp: 175672
Ion Ratio Lower Upper
43 100
58 52.5 42.2 63.2
57 20.3 15.0 22.4

Manual Integrations
APPROVED

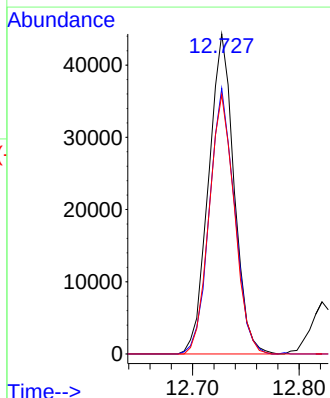
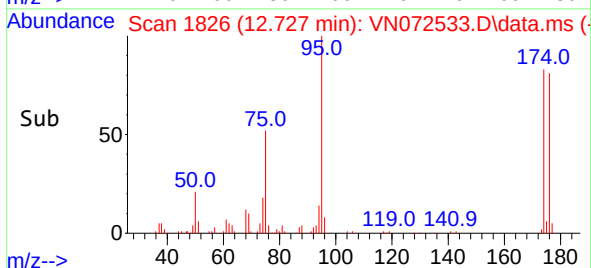
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

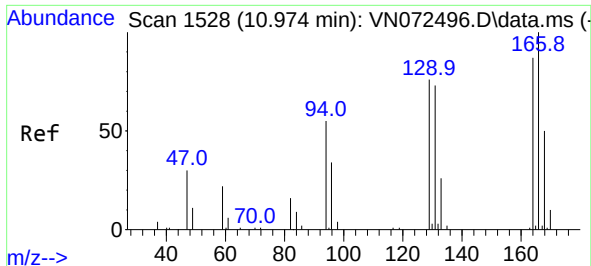


#60
4-Bromofluorobenzene
Concen: 31.633 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



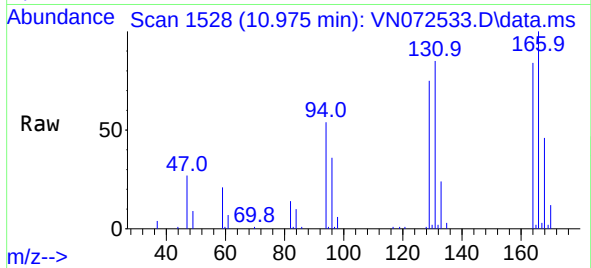
Tgt Ion: 95 Resp: 73566
Ion Ratio Lower Upper
95 100
174 81.4 62.9 94.3
176 80.2 61.0 91.4





#61
Tetrachloroethene
Concen: 19.931 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

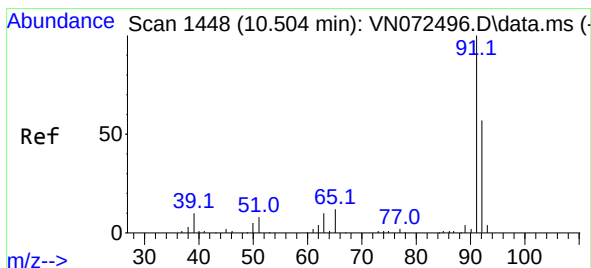
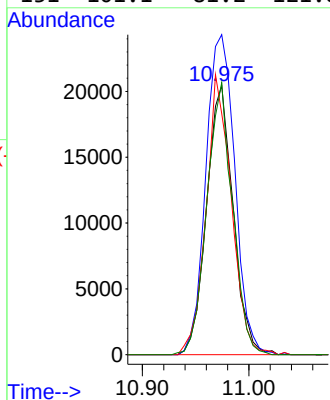
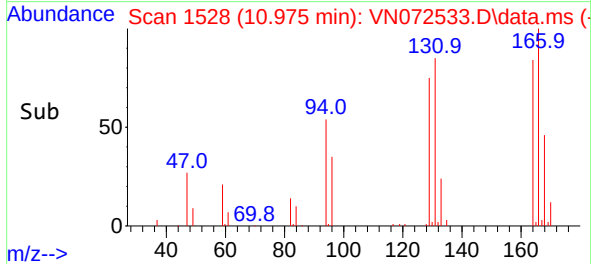
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



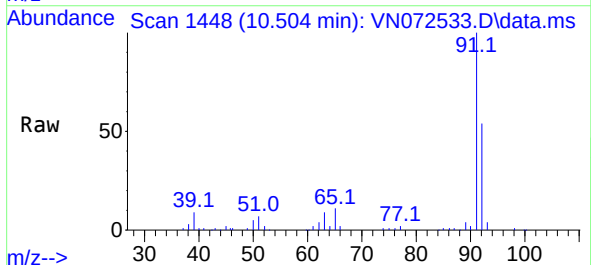
Tgt Ion:164 Resp: 3555
Ion Ratio Lower Upper
164 100
166 118.9 105.8 158.8
129 89.6 82.5 123.7
131 101.1 81.2 121.8

Manual Integrations
APPROVED

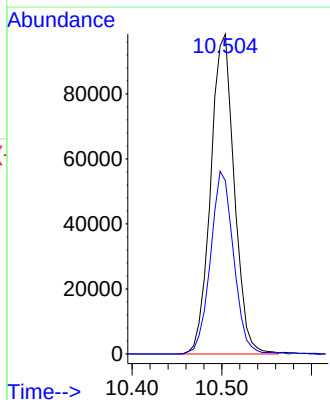
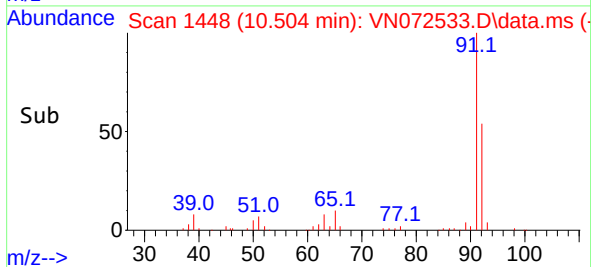
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

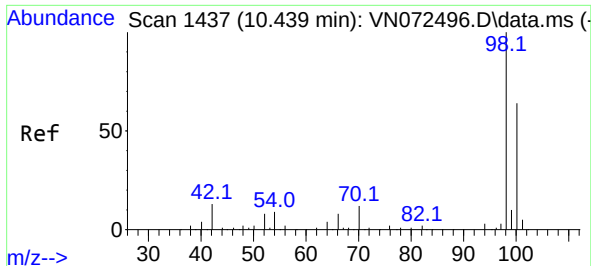


#62
Toluene
Concen: 22.285 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion: 91 Resp: 179317
Ion Ratio Lower Upper
91 100
92 55.9 44.6 67.0





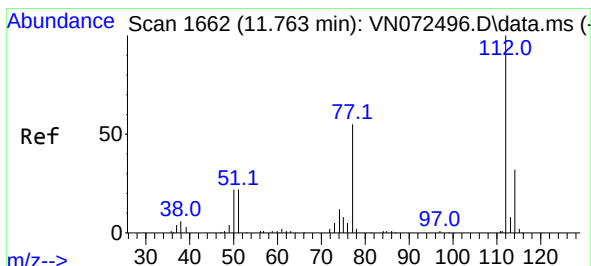
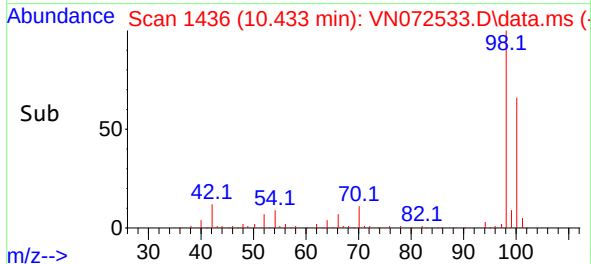
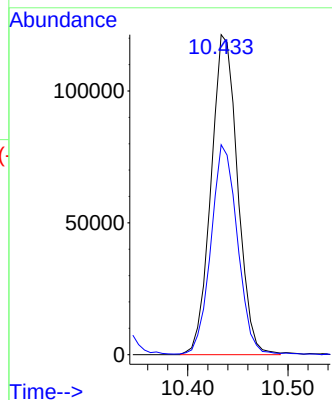
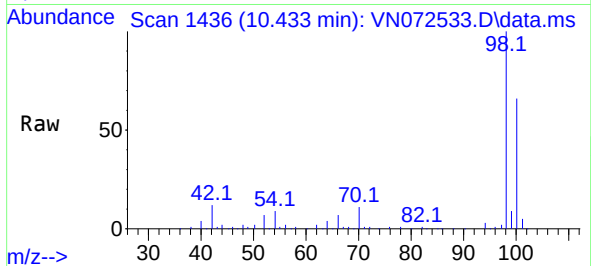
#63
Toluene-d8
Concen: 34.353 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 223354
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

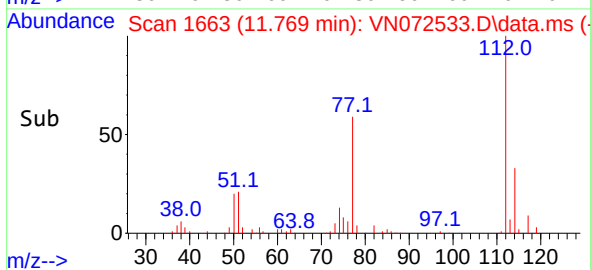
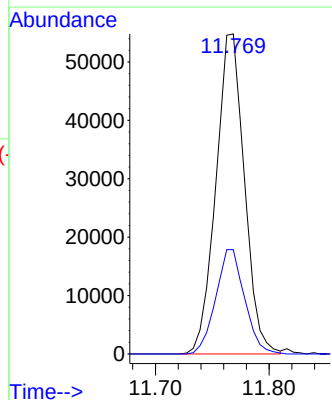
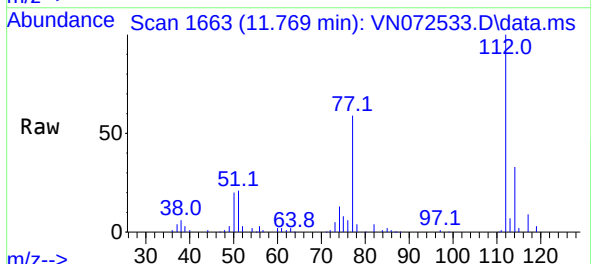
Manual Integrations
APPROVED

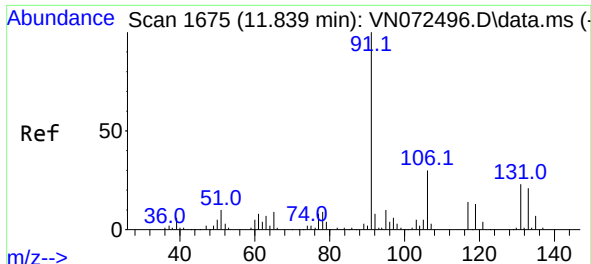
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#64
Chlorobenzene
Concen: 19.071 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:112 Resp: 95722
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.271 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

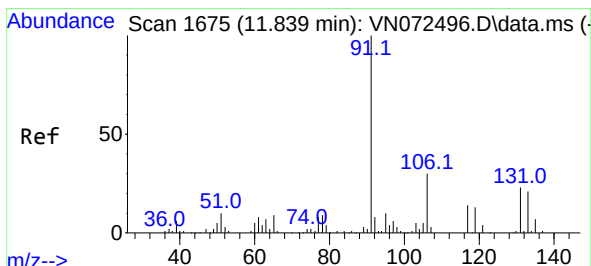
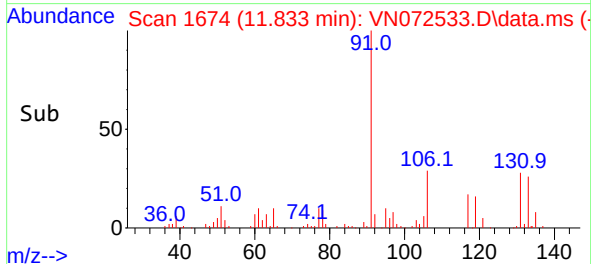
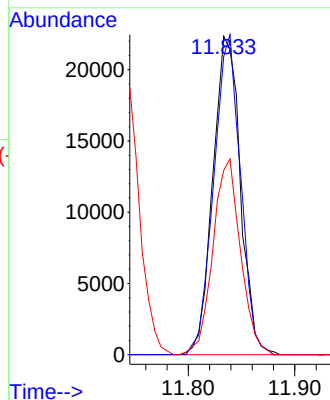
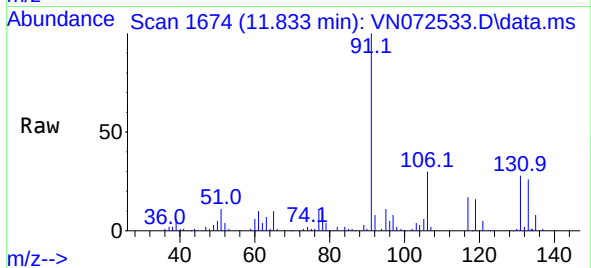
VSTDCCC020EC

Tgt Ion:131 Resp: 3999
Ion Ratio Lower Upper
131 100
133 97.8 0.0 191.2
119 61.9 0.0 128.8

Manual Integrations

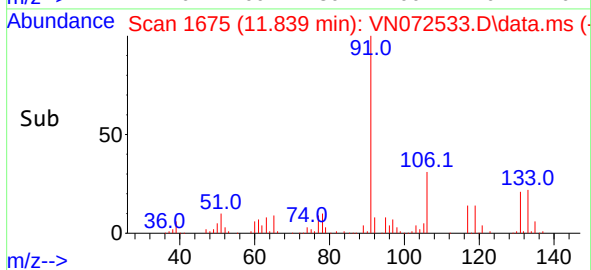
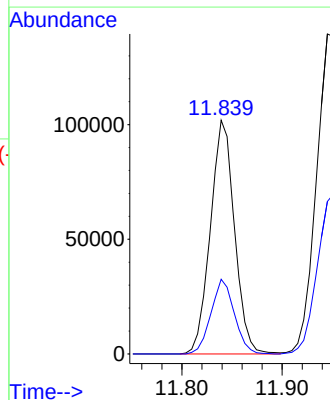
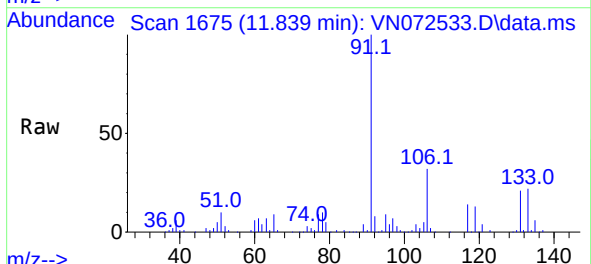
APPROVED

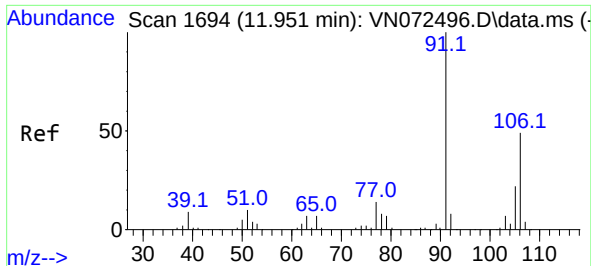
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#66
Ethyl Benzene
Concen: 18.843 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion: 91 Resp: 170542
Ion Ratio Lower Upper
91 100
106 32.0 24.0 36.0





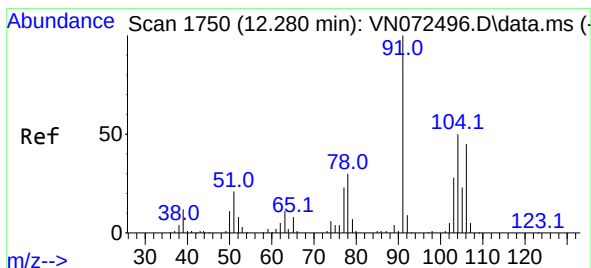
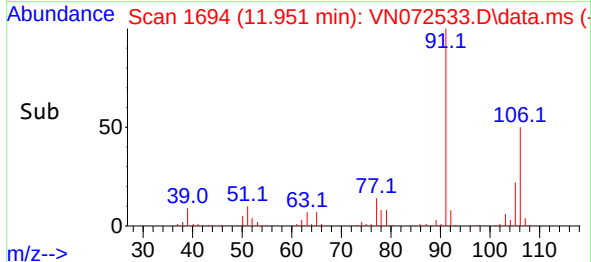
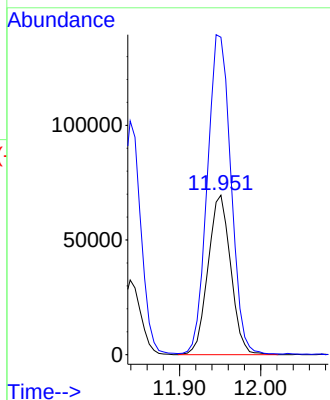
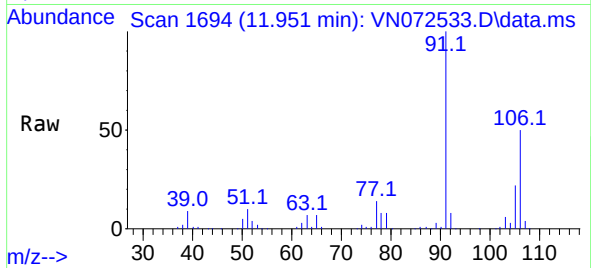
#67
m/p-Xylenes
Concen: 39.371 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 13509
Ion Ratio Lower Upper
106 100
91 209.2 162.9 244.3

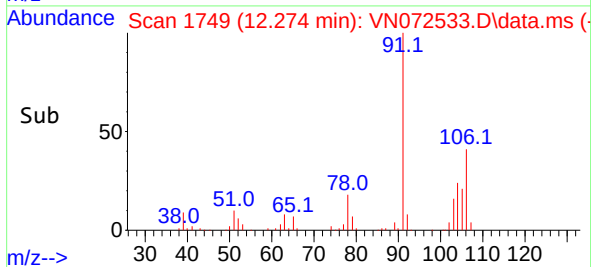
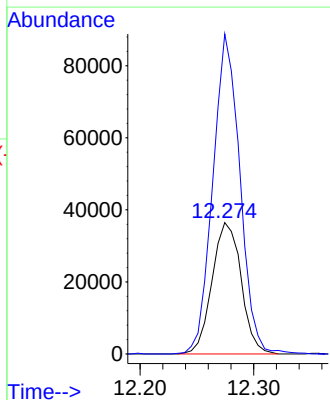
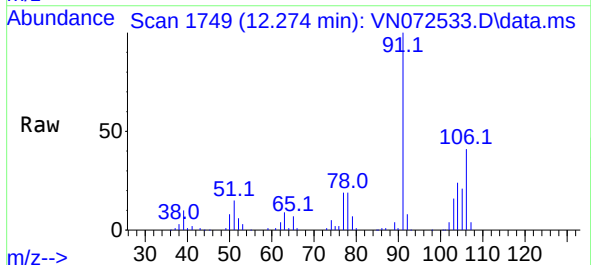
Manual Integrations
APPROVED

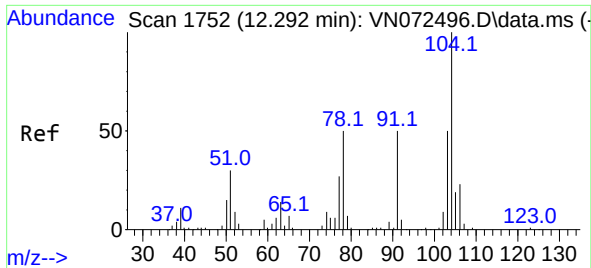
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
o-Xylene
Concen: 19.135 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:106 Resp: 64905
Ion Ratio Lower Upper
106 100
91 225.8 107.7 323.1





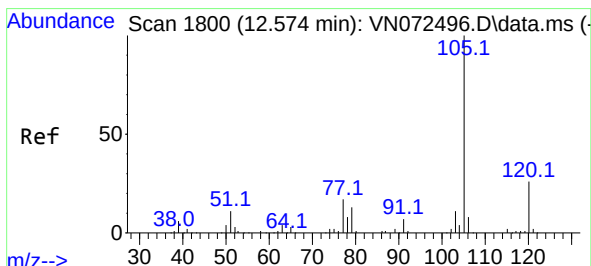
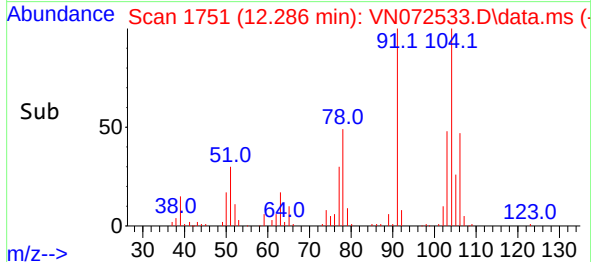
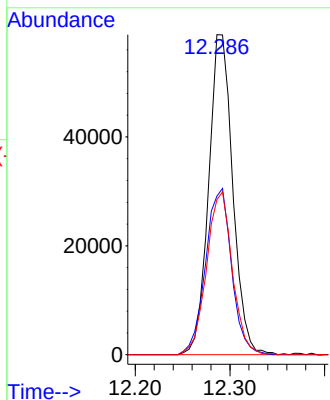
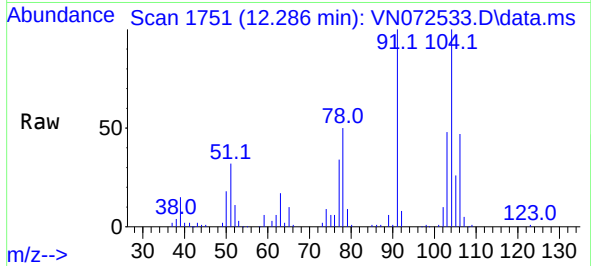
#69
Styrene
Concen: 19.251 ug/l
RT: 12.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 104000
Ion Ratio Lower Upper
104 100
78 56.1 40.7 61.1
103 54.3 45.8 68.8

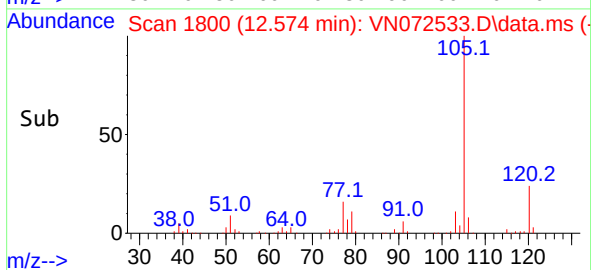
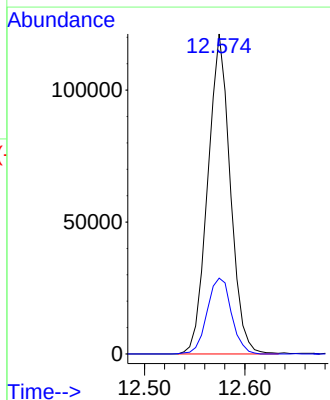
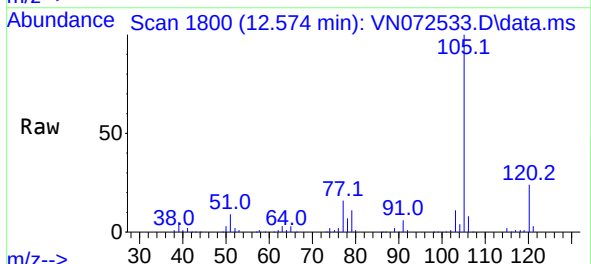
Manual Integrations
APPROVED

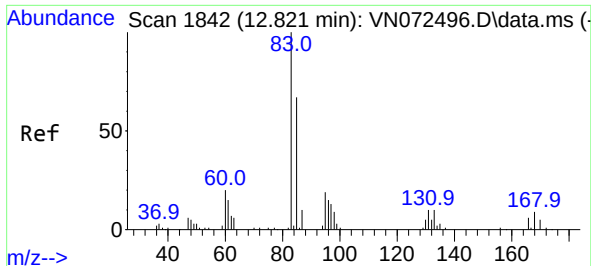
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Isopropylbenzene
Concen: 20.959 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:105 Resp: 188642
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





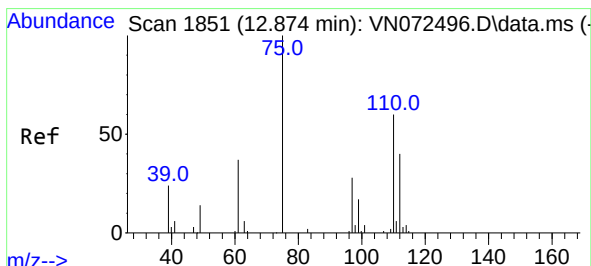
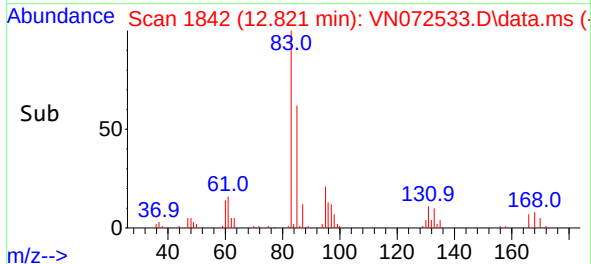
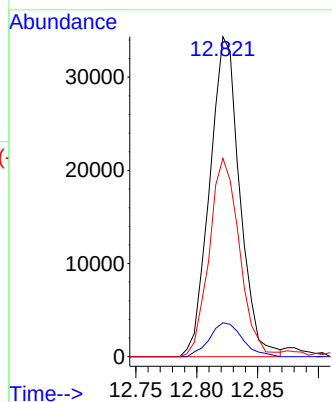
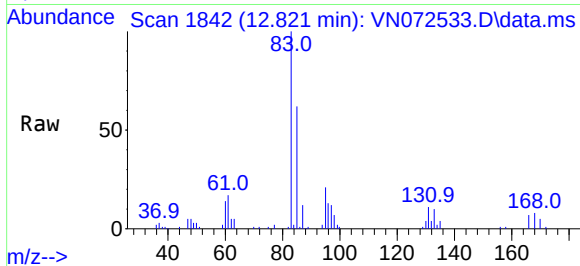
#71
1,1,2,2-Tetrachloroethane
Concen: 21.462 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5899
Ion Ratio Lower Upper
83 100
131 11.7 5.1 15.3
85 62.2 33.1 99.2

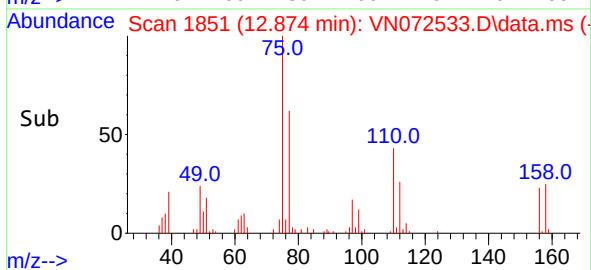
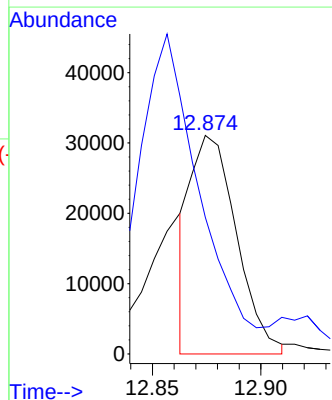
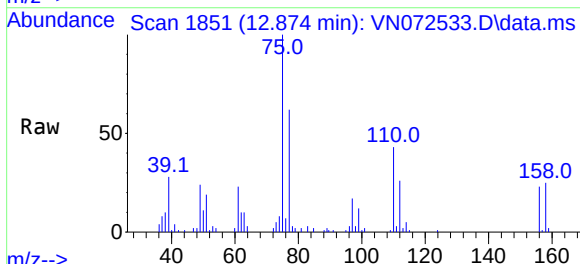
Manual Integrations
APPROVED

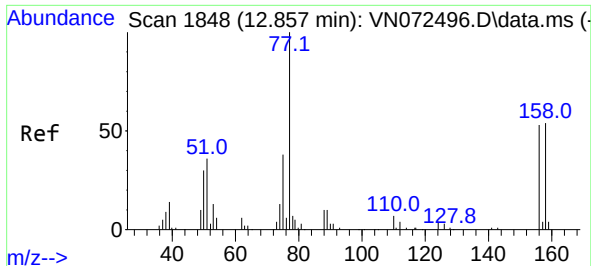
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,2,3-Trichloropropane
Concen: 17.700 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

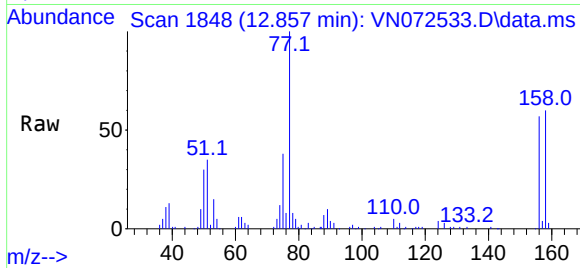
Tgt Ion: 75 Resp: 45627
Ion Ratio Lower Upper
75 100
77 197.0 0.0 378.0





#73
Bromobenzene
Concen: 20.590 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

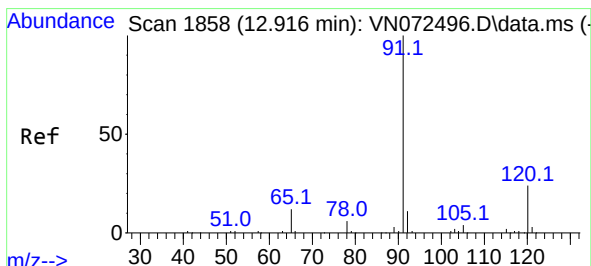
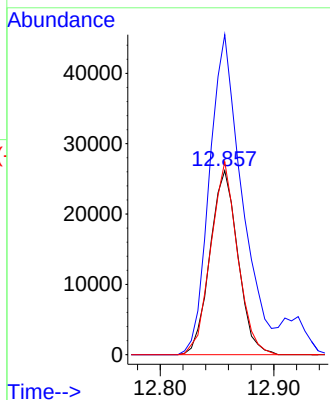
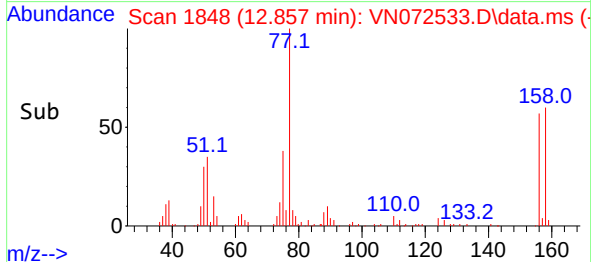
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



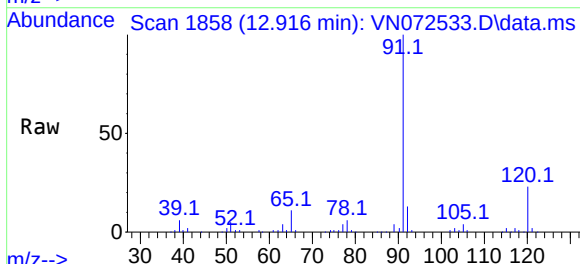
Tgt Ion:156 Resp: 44600
Ion Ratio Lower Upper
156 100
77 201.5 0.0 416.0
158 101.1 0.0 195.4

Manual Integrations
APPROVED

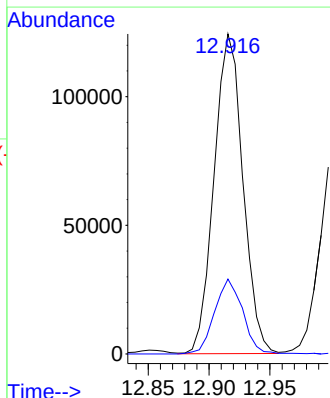
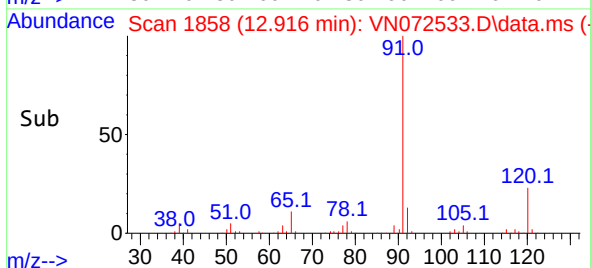
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

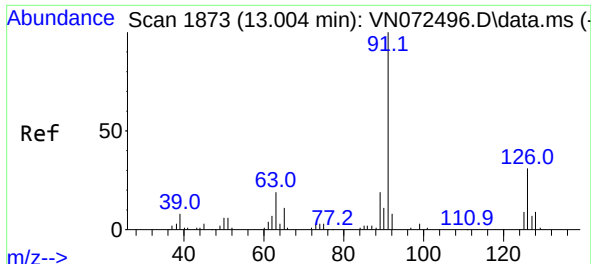


#74
n-propylbenzene
Concen: 20.799 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion: 91 Resp: 204931
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0





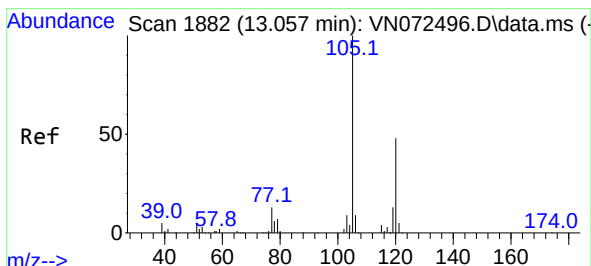
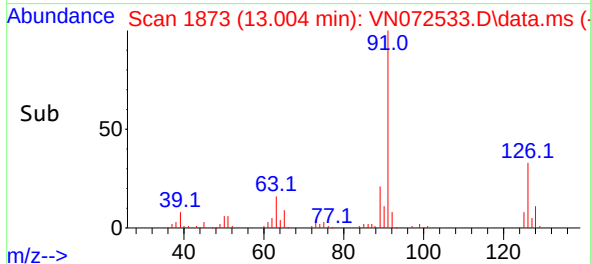
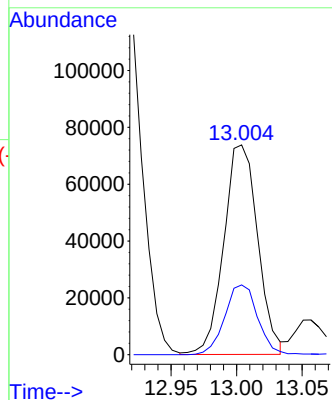
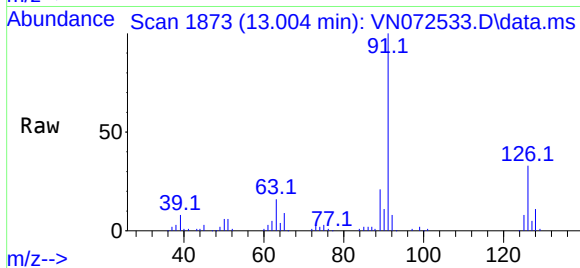
#75
2-Chlorotoluene
Concen: 20.863 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 132810
Ion Ratio Lower Upper
91 100
126 32.4 0.0 69.8

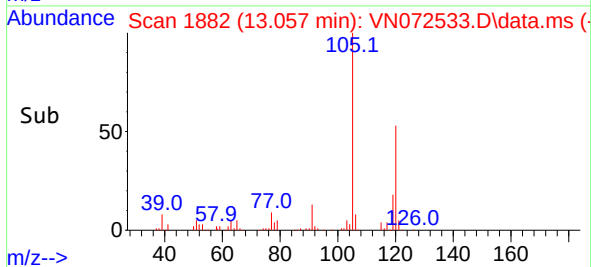
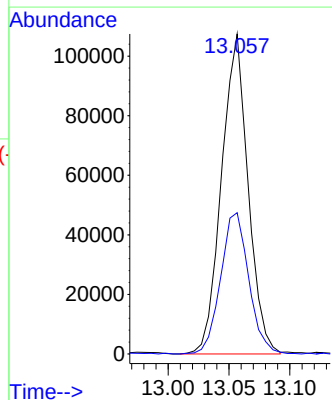
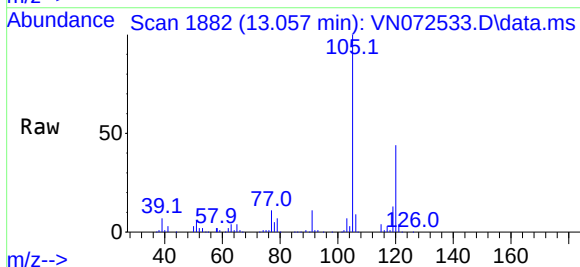
Manual Integrations
APPROVED

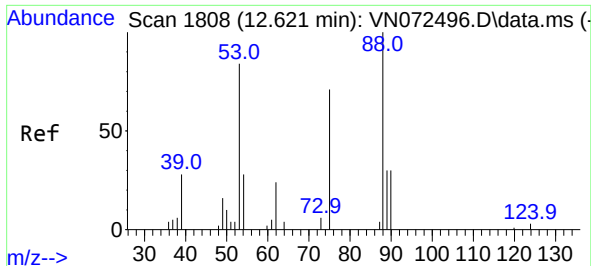
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.161 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

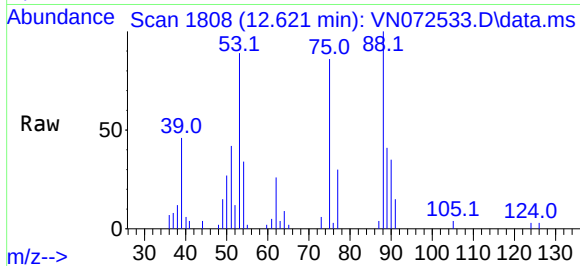
Tgt Ion:105 Resp: 162903
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.444 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

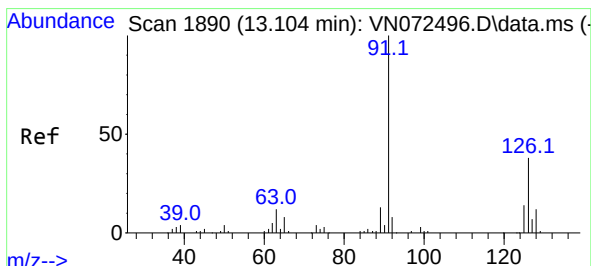
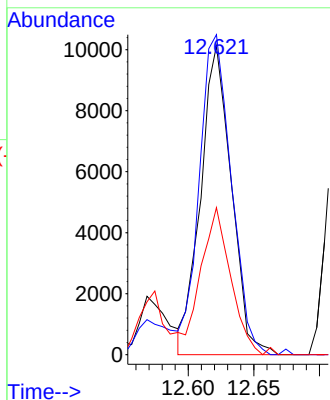
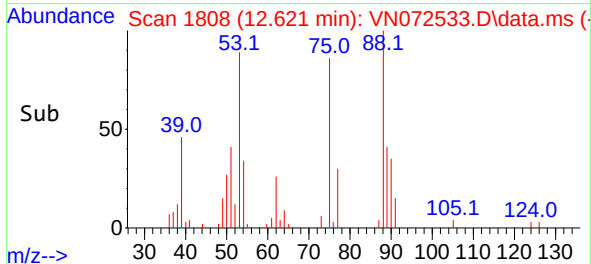
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



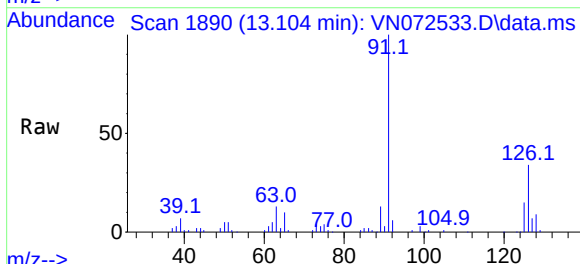
Tgt Ion: 75 Resp: 16562
Ion Ratio Lower Upper
75 100
53 103.6 51.8 155.5
89 47.6 22.9 68.7

Manual Integrations
APPROVED

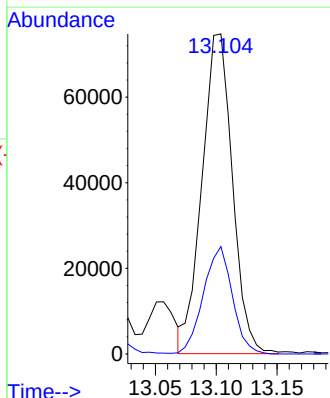
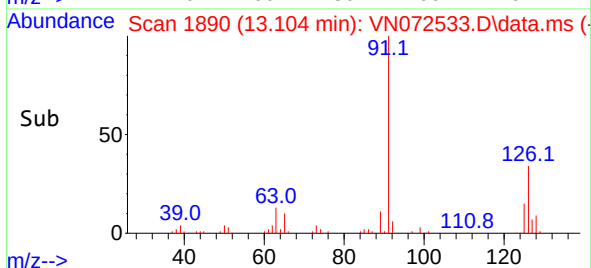
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

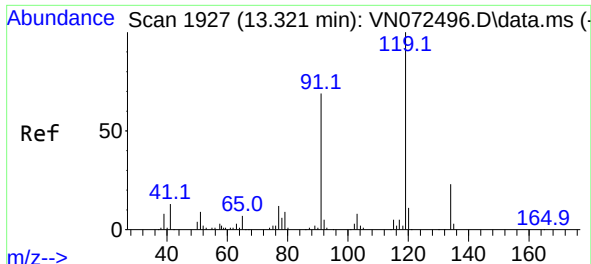


#78
4-Chlorotoluene
Concen: 21.806 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



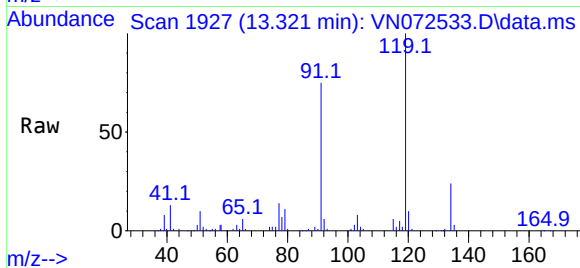
Tgt Ion: 91 Resp: 130111
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





#79
tert-butylbenzene
Concen: 21.267 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

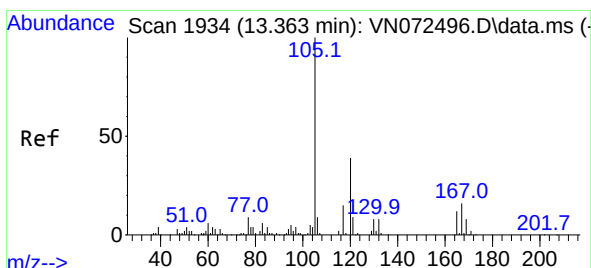
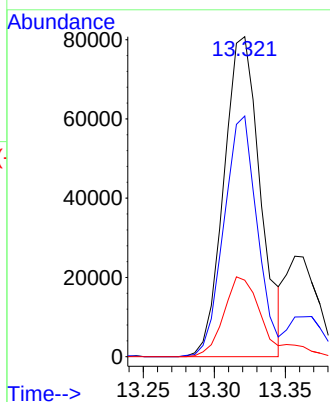
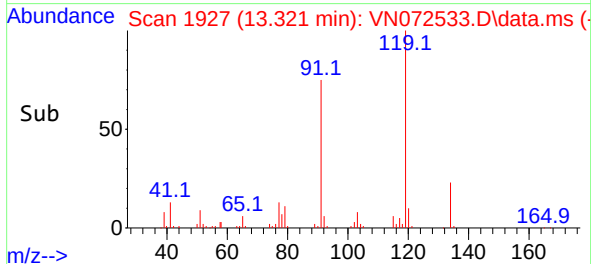
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



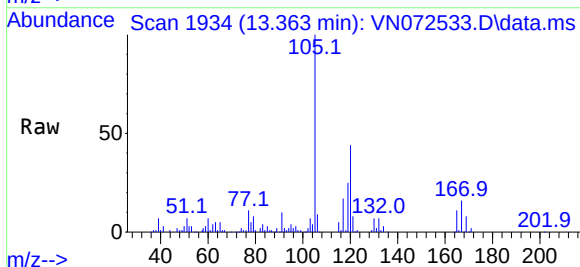
Tgt Ion:119 Resp: 14384
Ion Ratio Lower Upper
119 100
91 69.1 0.0 137.0
134 24.4 0.0 47.6

Manual Integrations
APPROVED

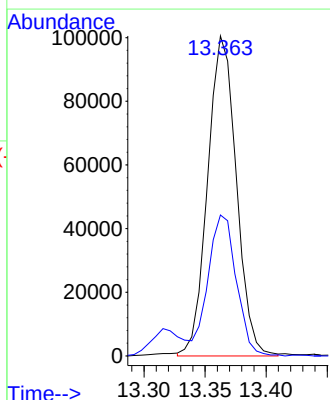
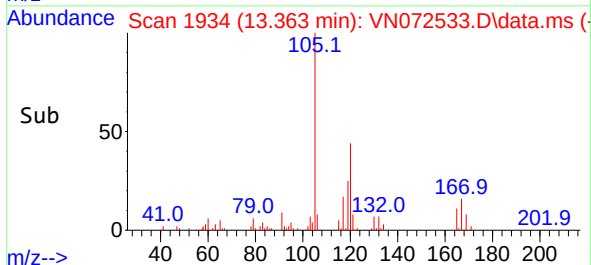
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

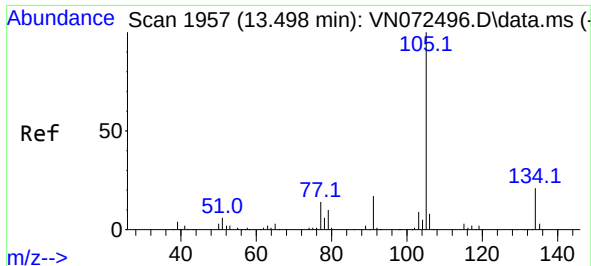


#80
1,2,4-Trimethylbenzene
Concen: 22.168 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



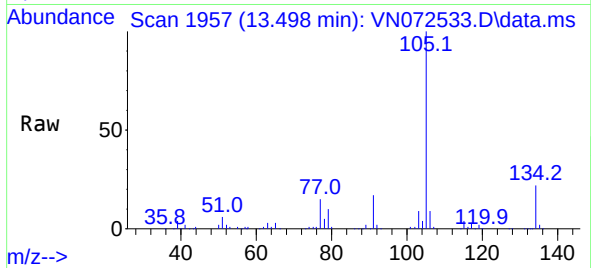
Tgt Ion:105 Resp: 164450
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 21.823 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072533.D
 Acq: 17 May 2022 17:05

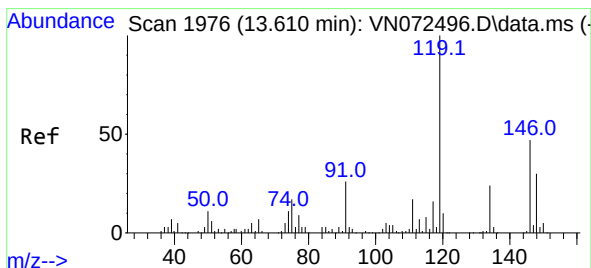
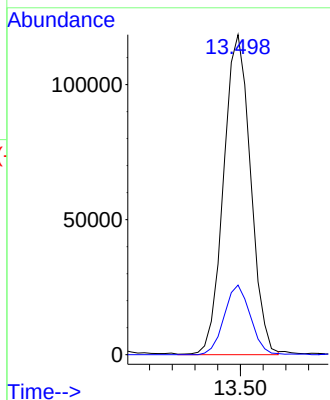
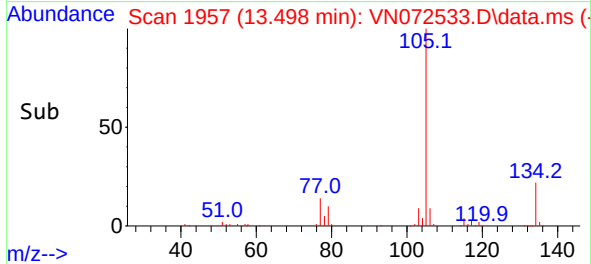
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



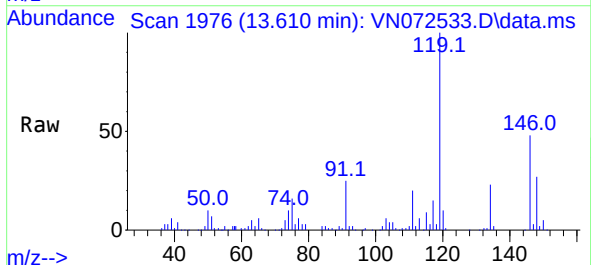
Tgt Ion:105 Resp: 195692
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

Manual Integrations
 APPROVED

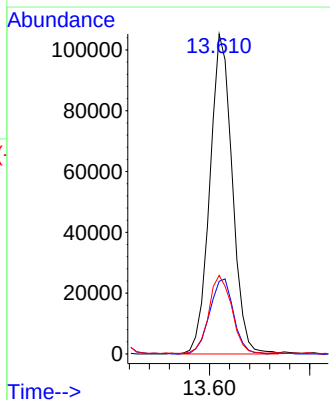
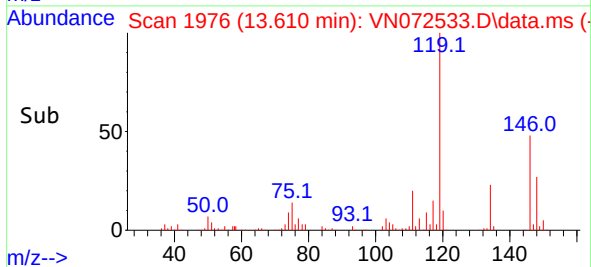
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

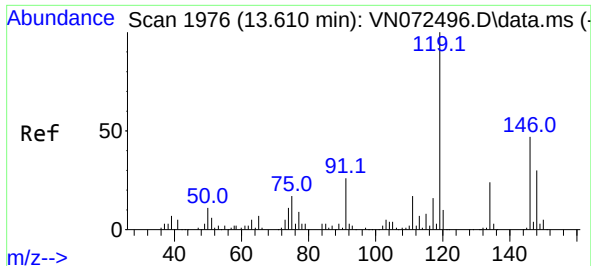


#82
 p-Isopropyltoluene
 Concen: 22.043 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072533.D
 Acq: 17 May 2022 17:05



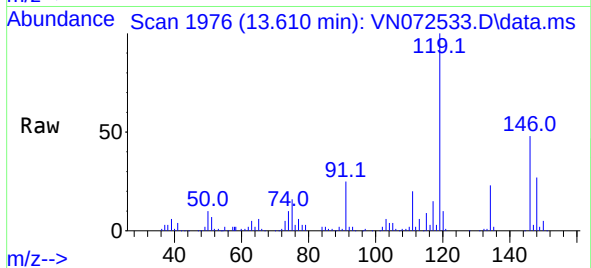
Tgt Ion:119 Resp: 163591
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 51.8
 91 25.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 22.719 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

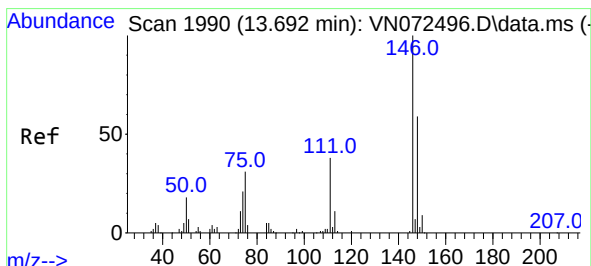
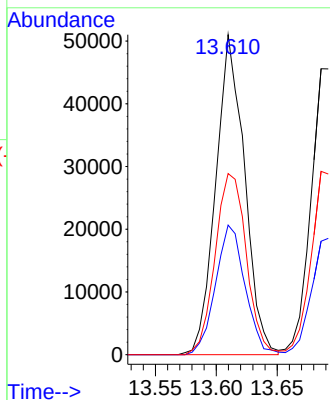
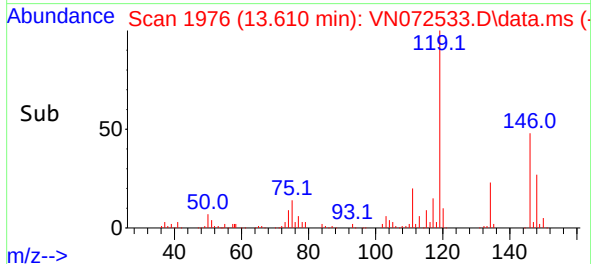
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



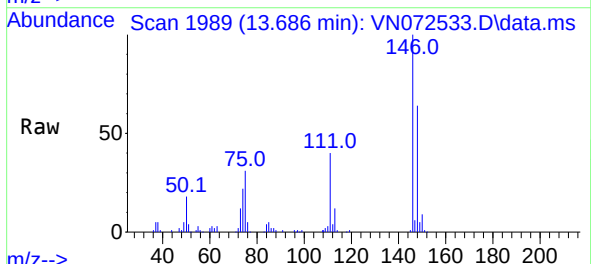
Tgt Ion:146 Resp: 84010
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 61.4 31.4 94.3

Manual Integrations
APPROVED

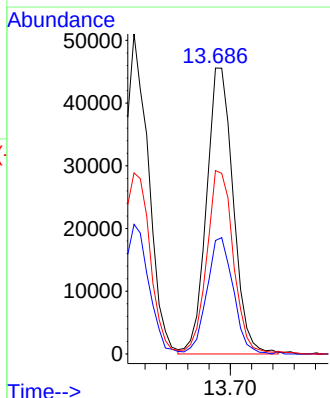
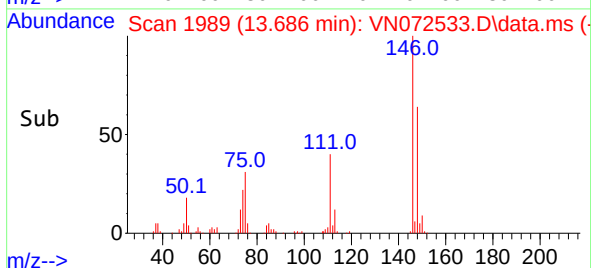
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

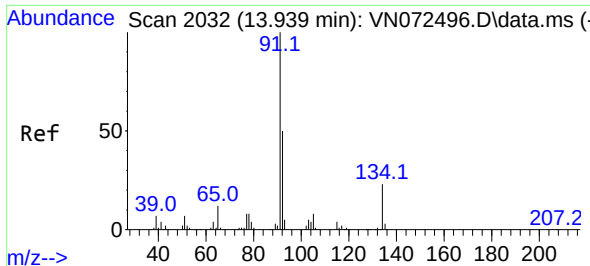


#84
1,4-Dichlorobenzene
Concen: 22.116 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion:146 Resp: 79581
Ion Ratio Lower Upper
146 100
111 40.0 19.5 58.5
148 62.5 31.1 93.5





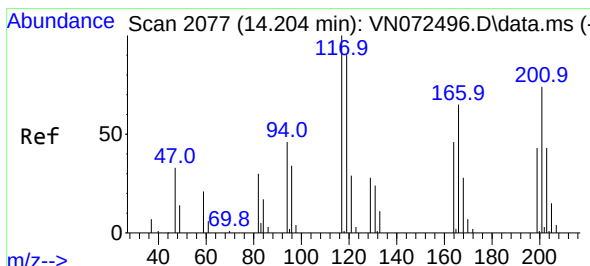
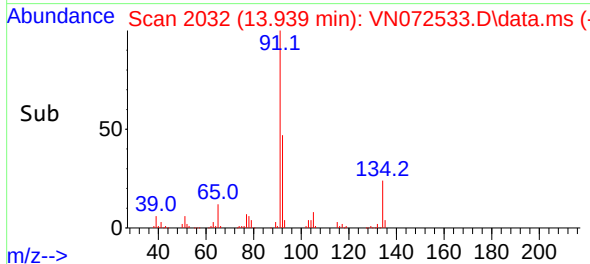
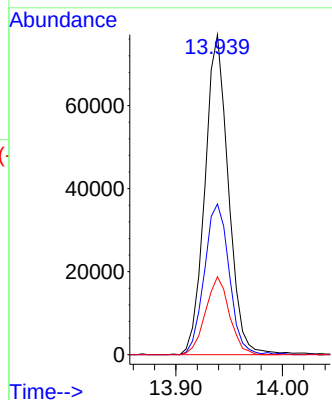
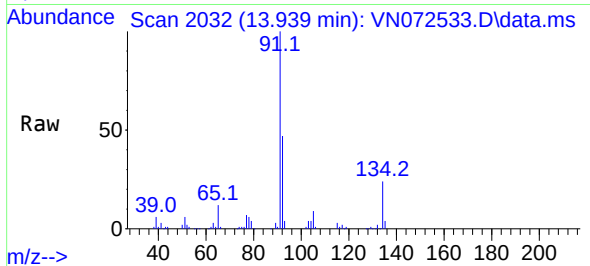
#85
n-Butylbenzene
Concen: 21.454 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 117994
Ion Ratio Lower Upper
91 100
92 49.7 0.0 100.6
134 24.8 0.0 50.2

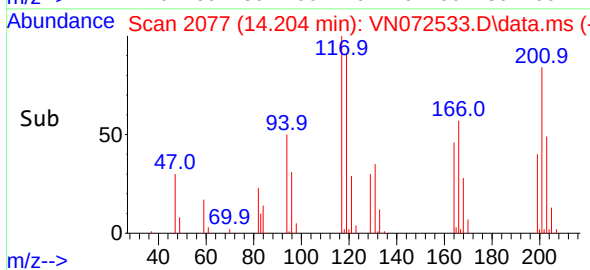
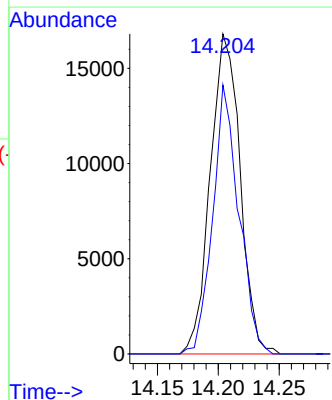
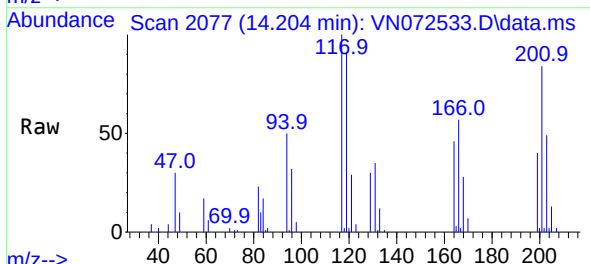
Manual Integrations
APPROVED

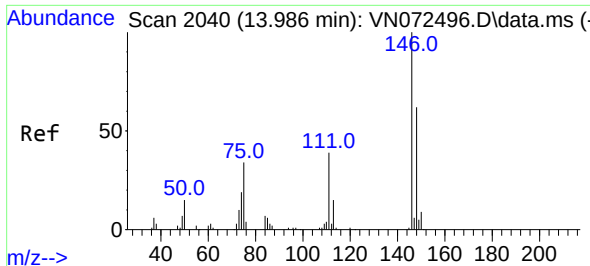
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#86
Hexachloroethane
Concen: 20.950 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:117 Resp: 28630
Ion Ratio Lower Upper
117 100
201 73.7 33.3 99.8





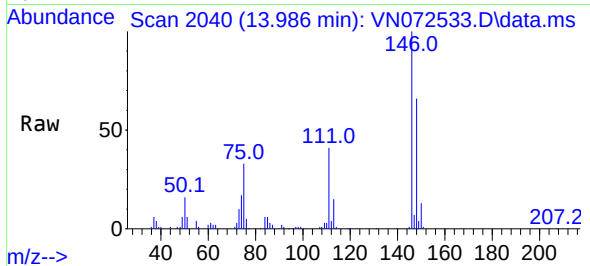
#87
1,2-Dichlorobenzene
Concen: 22.521 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

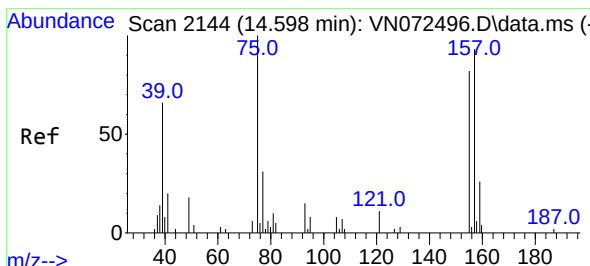
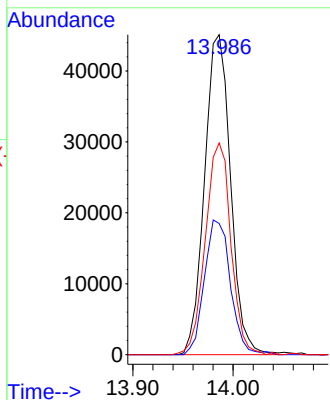
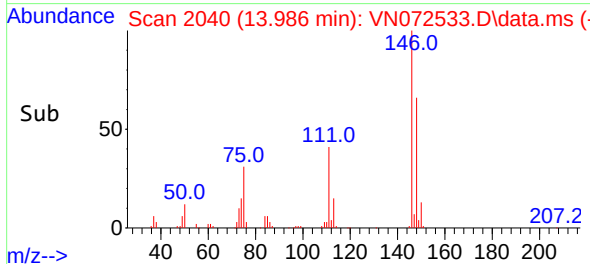


Tgt Ion:146 Resp: 81418
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 65.1 32.5 97.4

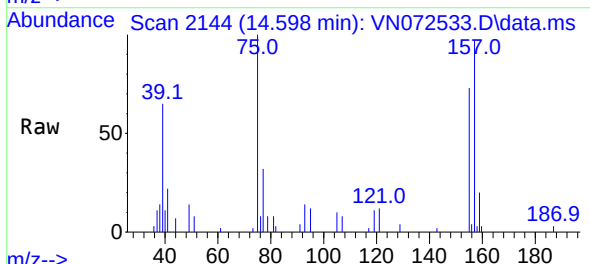
Manual Integrations

APPROVED

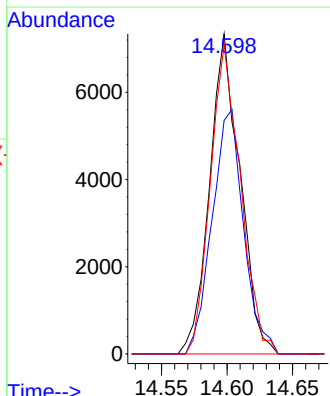
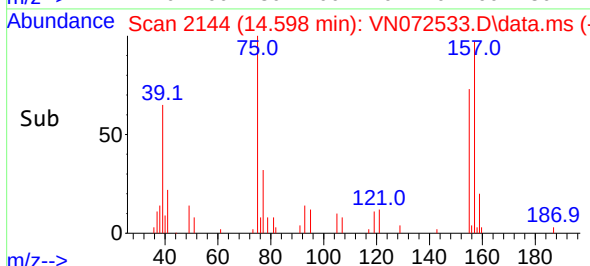
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

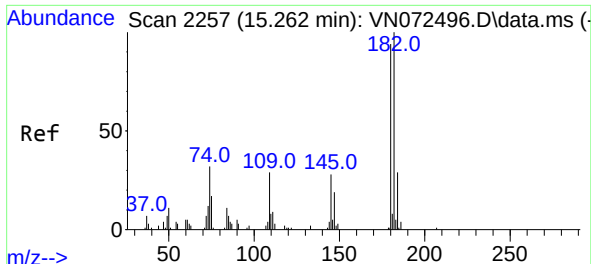


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.267 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



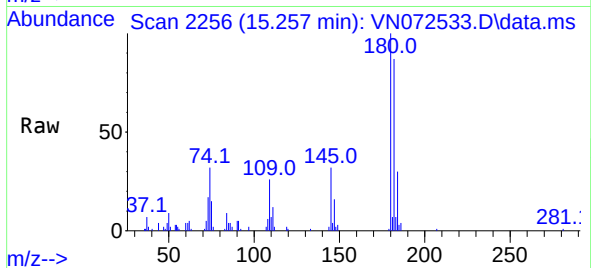
Tgt Ion: 75 Resp: 11819
Ion Ratio Lower Upper
75 100
155 79.2 63.8 95.8
157 96.1 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 21.250 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

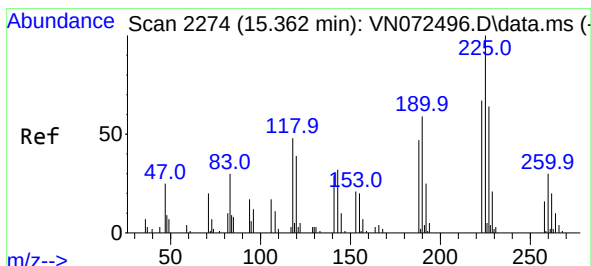
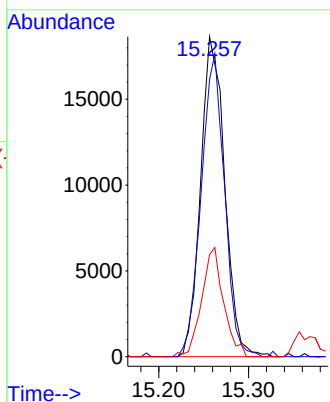
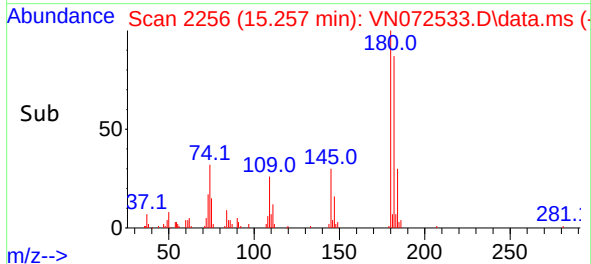
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



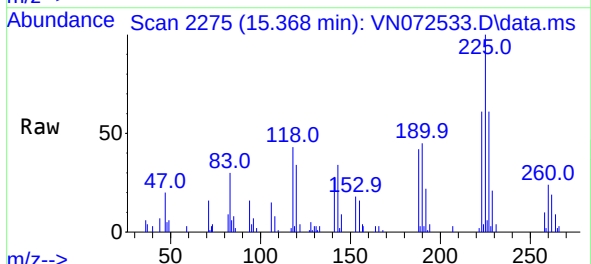
Tgt Ion:180 Resp: 34774
Ion Ratio Lower Upper
180 100
182 91.5 77.7 116.5
145 30.6 26.6 39.8

Manual Integrations
APPROVED

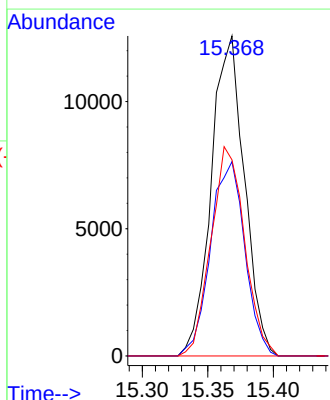
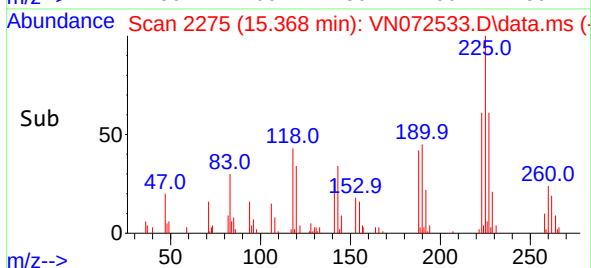
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

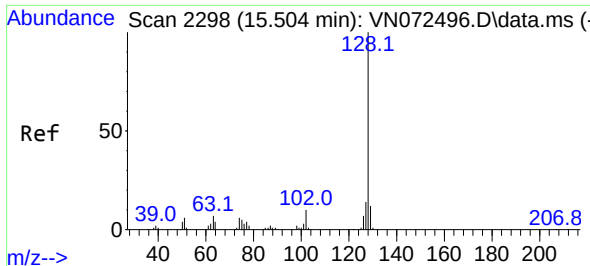


#90
Hexachlorobutadiene
Concen: 21.819 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05



Tgt Ion:225 Resp: 22067
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.8
227 66.4 0.0 123.0





#91
Naphthalene
Concen: 20.757 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

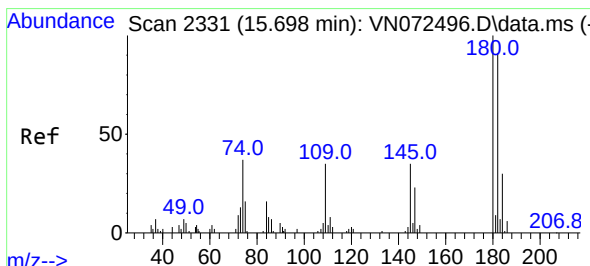
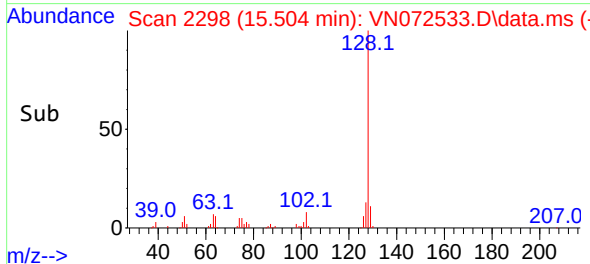
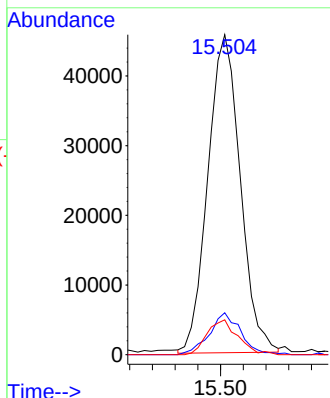
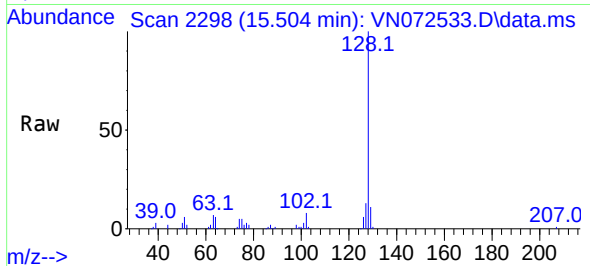
VSTDCCC020EC

Tgt Ion:128 Resp: 9045
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.2 9.0 13.6

Manual Integrations

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



#92
1,2,3-Trichlorobenzene
Concen: 21.207 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072533.D
Acq: 17 May 2022 17:05

Tgt Ion:180 Resp: 35327
Ion Ratio Lower Upper
180 100
182 90.7 0.0 190.0
145 33.2 0.0 67.8

