

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069128.D
 Acq On : 22 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

Quant Time: Oct 22 12:50:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 12:48:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	66545	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	393555	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	359673	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	156187	30.755	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.500%			
60) 4-Bromofluorobenzene	12.733	95	181027	31.378	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.600%			
63) Toluene-d8	10.443	98	494397	30.414	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	93644	28.840	ug/l	97
3) Chloromethane	2.303	50	96355	24.548	ug/l	96
4) Vinyl Chloride	2.445	62	114526	16.456	ug/l	99
5) Bromomethane	2.864	94	83058	12.943	ug/l	98
6) Chloroethane	3.025	64	83557	15.096	ug/l	99
7) Trichlorofluoromethane	3.379	101	151209	23.920	ug/l	99
8) Diethyl Ether	3.829	74	54275	24.586	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.221	101	81456	22.534	ug/l #	70
10) 1,1-Dichloroethene	4.191	96	78740	23.318	ug/l	98
11) Methyl Iodide	4.430	142	104849	24.947	ug/l	94
12) Methyl Acetate	4.856	43	149545	25.109	ug/l	99
13) Acrolein	4.046	56	42919	156.277	ug/l	97
14) Acrylonitrile	5.556	53	211727	113.242	ug/l	98
15) Acetone	4.288	58	76981	141.916	ug/l	100
16) Carbon Disulfide	4.537	76	204778	22.612	ug/l	97
17) Allyl chloride	4.846	41	134519	24.676	ug/l	91
18) Methylene Chloride	5.100	84	93342	22.271	ug/l	99
19) trans-1,2-Dichloroethene	5.605	96	84622	21.609	ug/l	93
20) Diisopropyl ether	6.498	45	284543	22.844	ug/l	97
21) 1,1-Dichloroethane	6.393	63	161440	22.456	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	101276	21.165	ug/l	99
23) tert-Butyl Alcohol	5.366	59	85707	121.491	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	294861	22.348	ug/l	98
25) Chloroform	7.820	83	172385	20.719	ug/l	98
26) Cyclohexane	8.099	56	147705	23.250	ug/l #	97
29) 1,1-Dichloropropene	8.225	75	126161	19.932	ug/l	98
30) 2-Butanone	7.337	43	320734	110.869	ug/l	99
31) 2,2-Dichloropropane	7.329	77	153652	20.954	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	157042	19.550	ug/l	99
33) Carbon Tetrachloride	8.209	117	132430	18.661	ug/l	97
34) Benzene	8.461	78	382621	20.379	ug/l	99
35) Methacrylonitrile	7.635	41	58486	20.655	ug/l	97
36) 1,2-Dichloroethane	8.533	62	135062	19.472	ug/l	98
37) Trichloroethene	9.217	130	96034	19.565	ug/l	95
38) Methylcyclohexane	9.461	83	161287	20.482	ug/l	97
39) 1,2-Dichloropropane	9.494	63	98373	21.012	ug/l	99
40) Dibromomethane	9.579	93	66893	18.539	ug/l	97
41) Bromodichloromethane	9.764	83	132852	18.732	ug/l	96
42) Vinyl Acetate	6.436	43	1076636	101.908	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	121720	20.929	ug/l	98
44) Isopropyl Acetate	8.560	43	221058	21.210	ug/l	99
45) 1,4-Dioxane	9.569	88	34275	411.804	ug/l	95
46) Methyl methacrylate	9.561	41	91712	19.959	ug/l	92
47) n-amyl Acetate	12.390	43	176382	20.073	ug/l	97
48) t-1,3-Dichloropropene	10.719	75	153176	19.606	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	158673	19.860	ug/l	96
50) 1,1,2-Trichloroethane	10.899	97	96068	19.123	ug/l	98
51) Ethyl methacrylate	10.762	69	157862	20.345	ug/l	94
52) 1,3-Dichloropropane	11.046	76	163098	19.855	ug/l	99
53) Dibromochloromethane	11.240	129	99515	17.571	ug/l	99
54) 1,2-Dibromoethane	11.347	107	100021	19.037	ug/l	95
55) 2-Chloroethyl vinyl ether	10.043	63	235701	106.651	ug/l	99
56) Bromoform	12.460	173	69284	16.956	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	637773	103.395	ug/l	98
59) 2-Hexanone	11.087	43	491034	108.662	ug/l	98
61) Tetrachloroethene	10.979	164	81021	19.274	ug/l	99
62) Toluene	10.507	91	439709	20.266	ug/l	98
64) Chlorobenzene	11.773	112	262259	19.733	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	97121	19.025	ug/l	99
66) Ethyl Benzene	11.848	91	488572	19.942	ug/l	97
67) m/p-Xylenes	11.956	106	369335	39.134	ug/l	98
68) o-Xylene	12.283	106	181562	19.509	ug/l	96
69) Styrene	12.296	104	294899	19.197	ug/l	98
70) Isopropylbenzene	12.580	105	475833	19.329	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	144386	20.631	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	111534m	19.402	ug/l	
73) Bromobenzene	12.862	156	107098	19.164	ug/l	95
74) n-propylbenzene	12.921	91	541120	19.221	ug/l	100
75) 2-Chlorotoluene	13.010	91	335074	20.137	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	397207	19.542	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	44673	20.053	ug/l	97
78) 4-Chlorotoluene	13.106	91	319746	19.536	ug/l	96
79) tert-butylbenzene	13.326	119	351119	19.647	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	390202m	19.379	ug/l	
81) sec-Butylbenzene	13.503	105	484143	19.031	ug/l	99
82) p-Isopropyltoluene	13.618	119	388523	18.496	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	184253	17.988	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	177987	18.275	ug/l	99
85) n-Butylbenzene	13.943	91	314357	18.254	ug/l	99
86) Hexachloroethane	14.214	117	72072	18.287	ug/l	93
87) 1,2-Dichlorobenzene	13.991	146	179033	18.808	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	25702	20.702	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	83868	18.122	ug/l	98
90) Hexachlorobutadiene	15.372	225	47165	20.086	ug/l	99
91) Naphthalene	15.507	128	236885	18.529	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	81468	18.535	ug/l	99

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

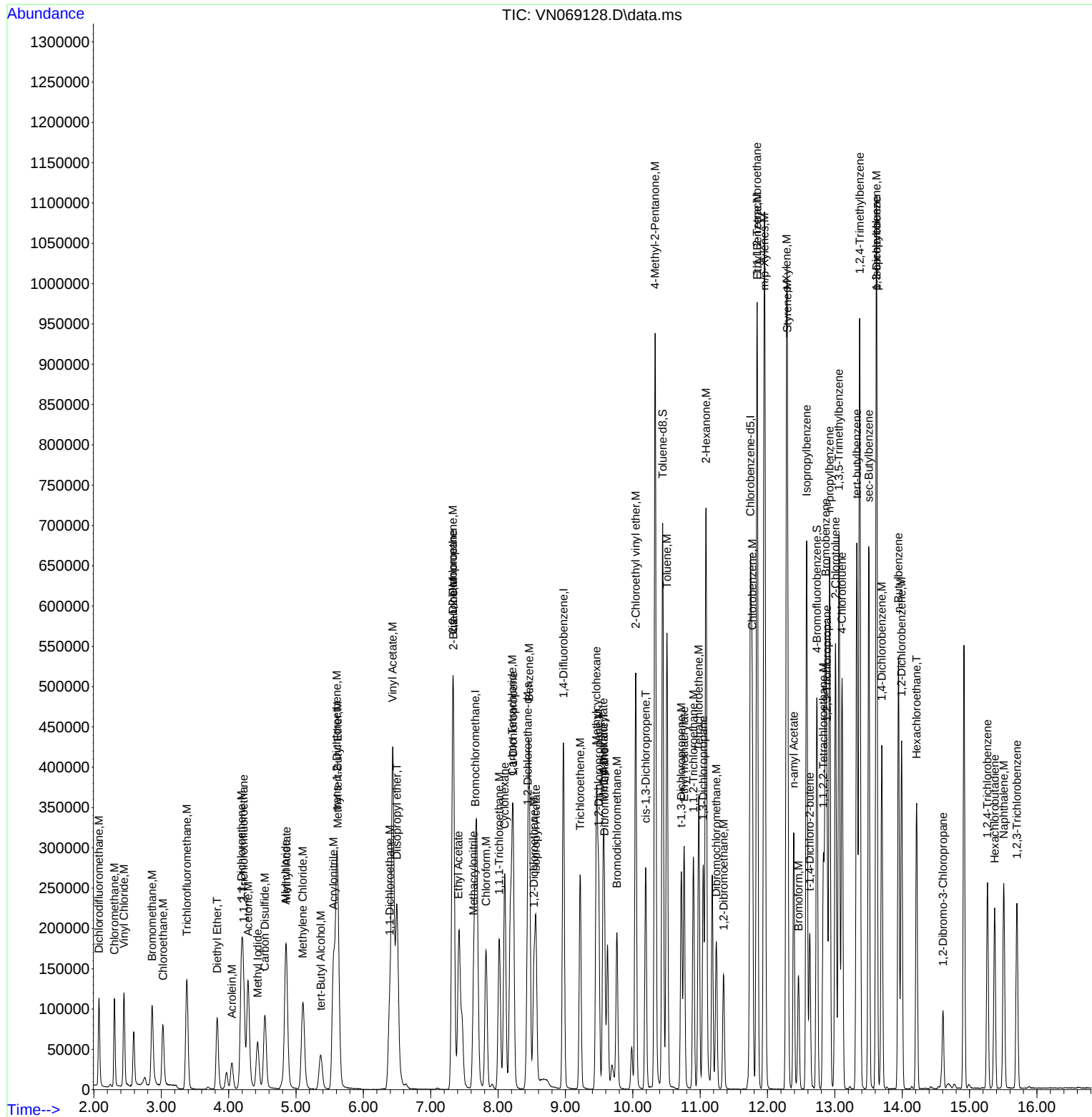
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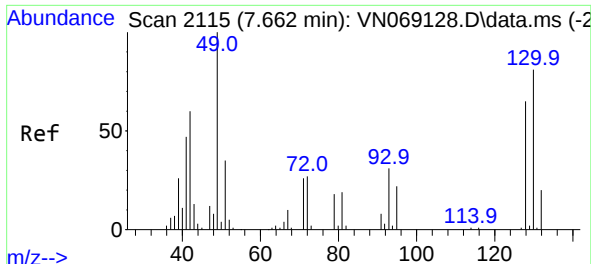
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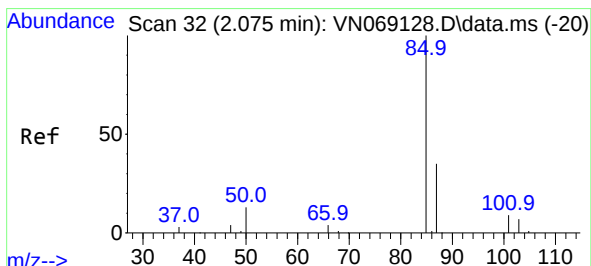
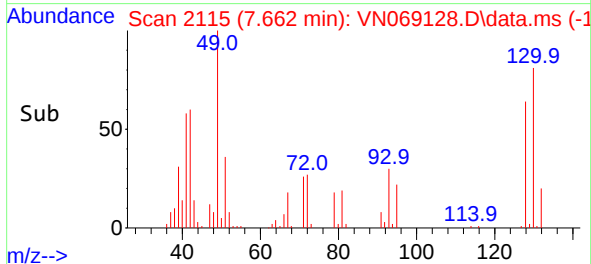
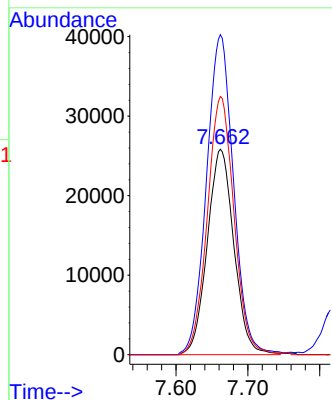
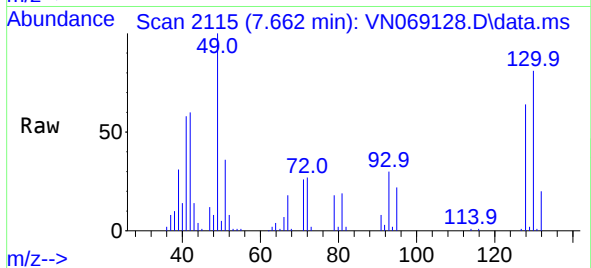
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 66549
Ion Ratio Lower Upper
128 100
49 158.0 0.0 392.3
130 126.2 0.0 320.2

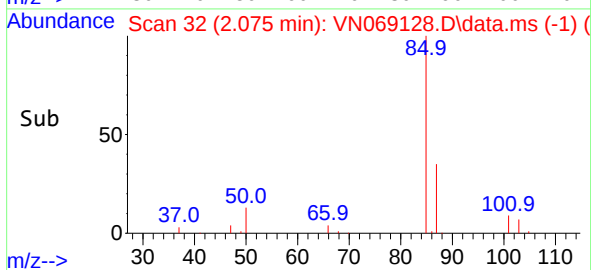
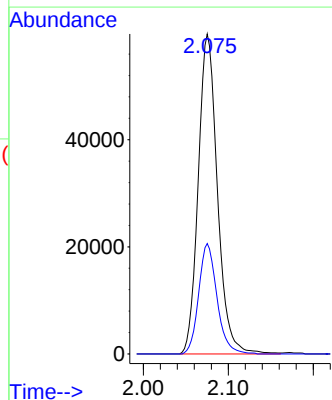
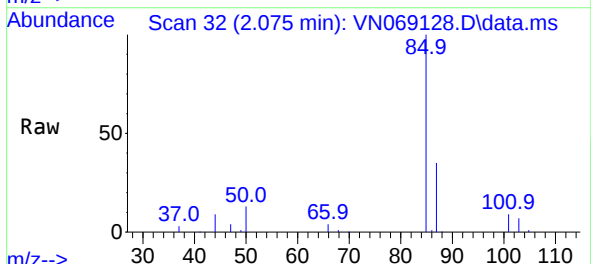
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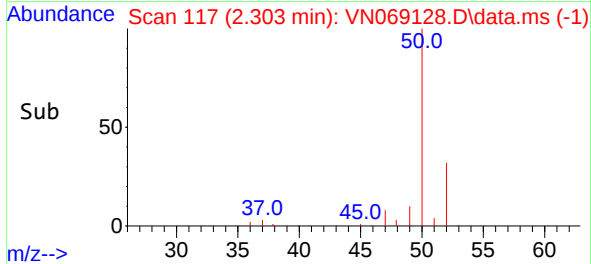
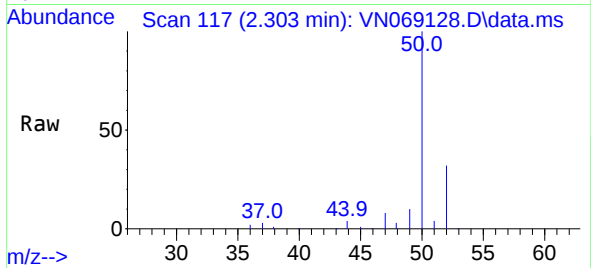
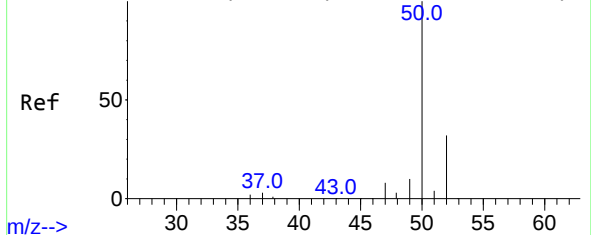


#2
Dichlorodifluoromethane
Concen: 28.840 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 85 Resp: 93644
Ion Ratio Lower Upper
85 100
87 34.5 16.6 49.7



Abundance Scan 117 (2.303 min): VN069128.D\data.ms (-10)



#3

Chloromethane

Concen: 24.548 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

Tgt Ion: 50 Resp: 9635

Ion Ratio Lower Upper

50 100

52 32.2 27.8 41.6

Instrument :

MSVOA_N

ClientSampleId :

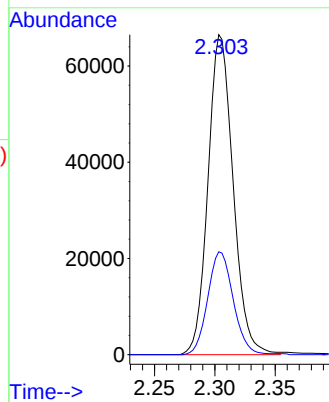
VSTDICCC020

Manual Integrations

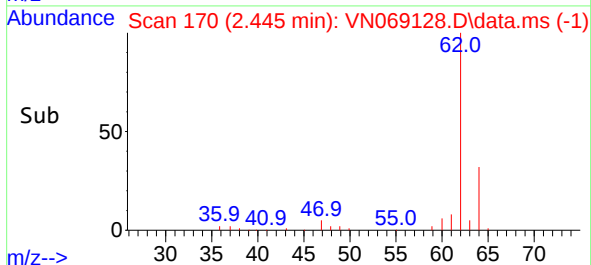
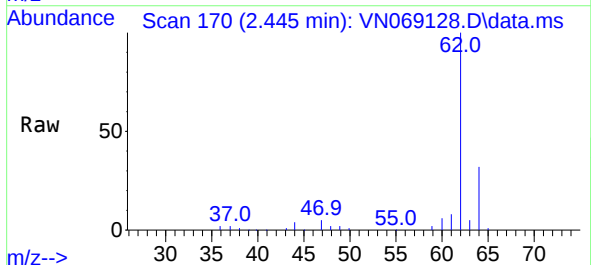
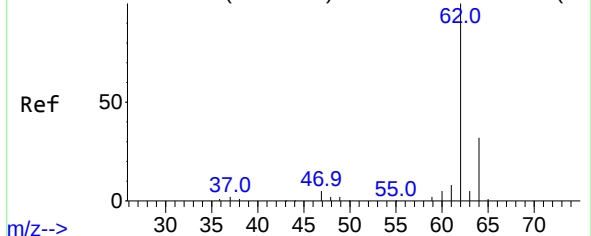
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Abundance Scan 170 (2.445 min): VN069128.D\data.ms (-15)



#4

Vinyl Chloride

Concen: 16.456 ug/l

RT: 2.445 min Scan# 170

Delta R.T. 0.000 min

Lab File: VN069128.D

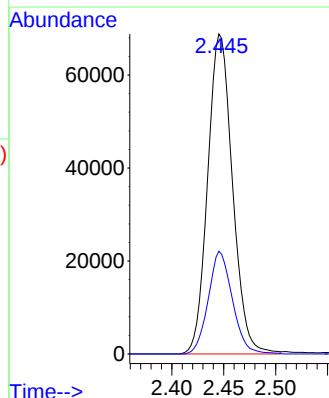
Acq: 22 Oct 2021 11:37

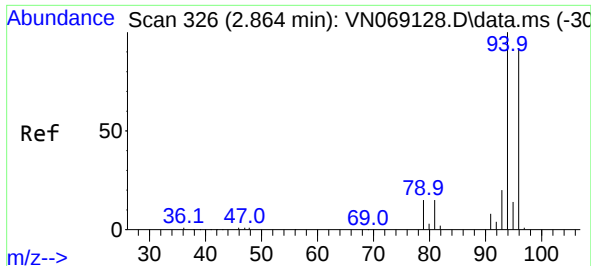
Tgt Ion: 62 Resp: 114526

Ion Ratio Lower Upper

62 100

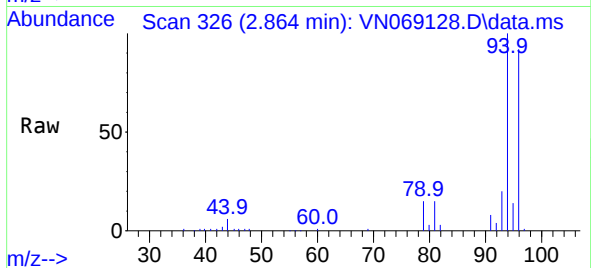
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 12.943 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

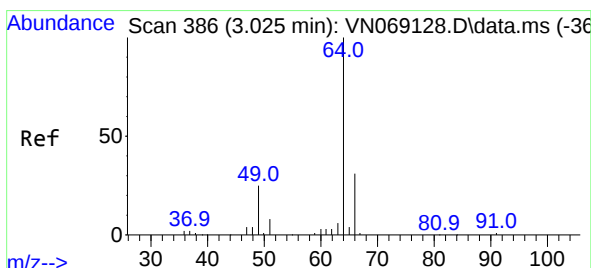
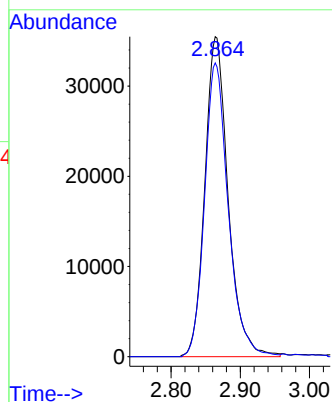
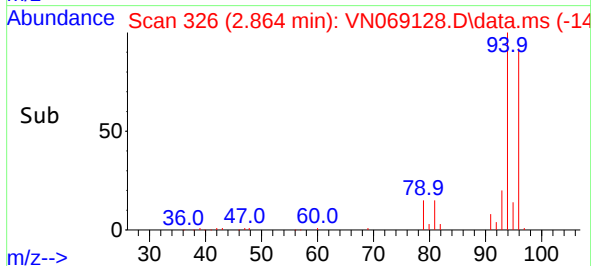
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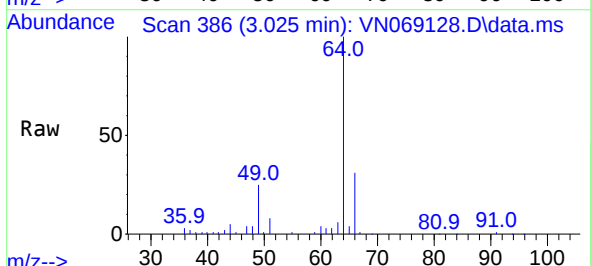
Tgt Ion: 94 Resp: 83058
Ion Ratio Lower Upper
94 100
96 91.8 75.2 112.8

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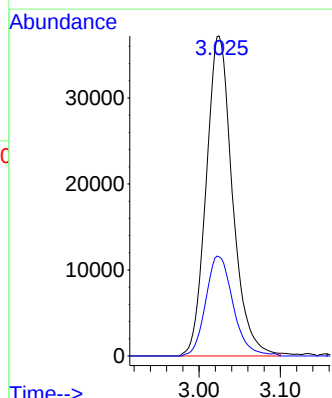
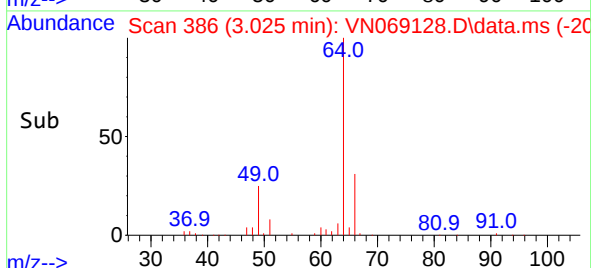
Reviewed By :John Carlone 10/25/2021
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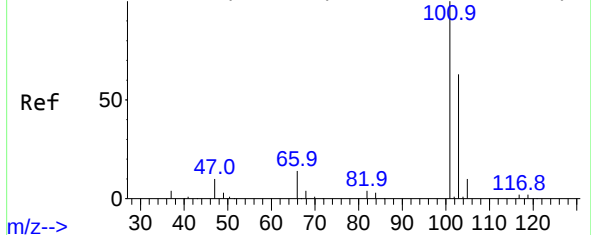
#6
Chloroethane
Concen: 15.096 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion: 64 Resp: 83557
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8



Abundance Scan 518 (3.379 min): VN069128.D\data.ms (-49



#7

Trichlorofluoromethane

Concen: 23.920 ug/l

RT: 3.379 min Scan# 518

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

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Tgt Ion:101 Resp: 151209

Ion Ratio Lower Upper

101 100

103 63.5 50.1 75.1

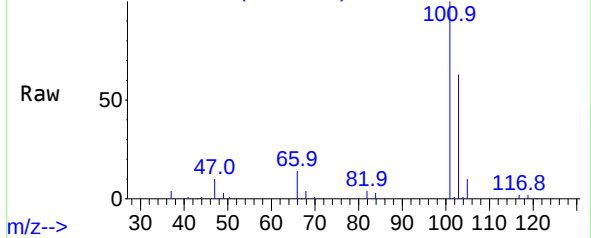
Manual Integrations

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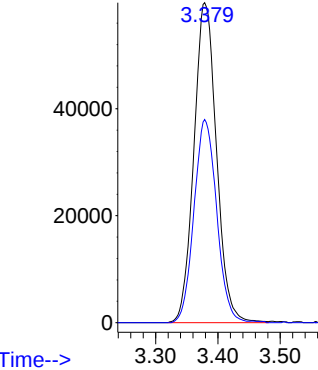
Reviewed By :John Carlone 10/25/2021

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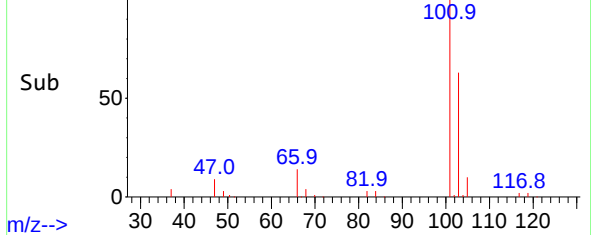
Abundance Scan 518 (3.379 min): VN069128.D\data.ms



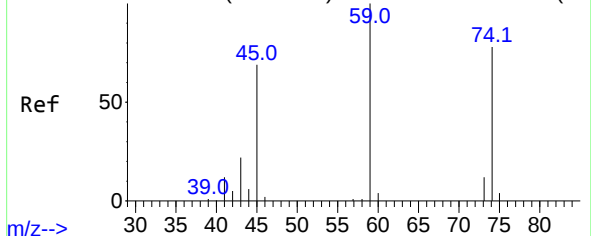
Abundance



Abundance Scan 518 (3.379 min): VN069128.D\data.ms (-33



Abundance Scan 686 (3.829 min): VN069128.D\data.ms (-66



#8

Diethyl Ether

Concen: 24.586 ug/l

RT: 3.829 min Scan# 686

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

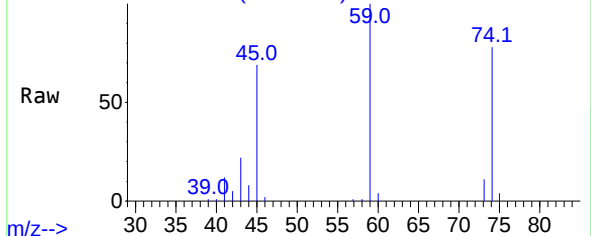
Tgt Ion: 74 Resp: 54275

Ion Ratio Lower Upper

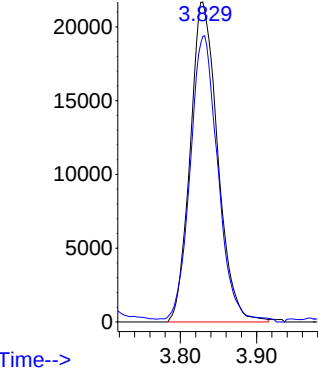
74 100

45 90.6 17.6 158.8

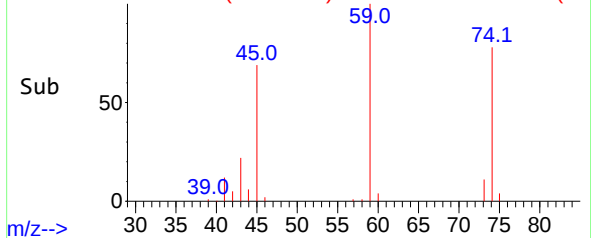
Abundance Scan 686 (3.829 min): VN069128.D\data.ms

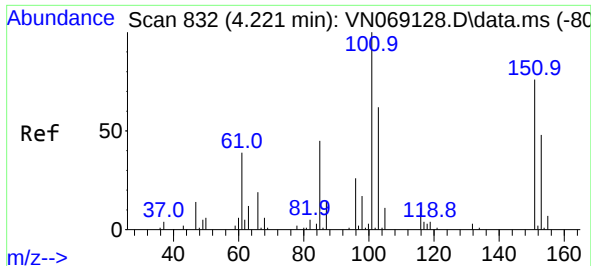


Abundance



Abundance Scan 686 (3.829 min): VN069128.D\data.ms (-61





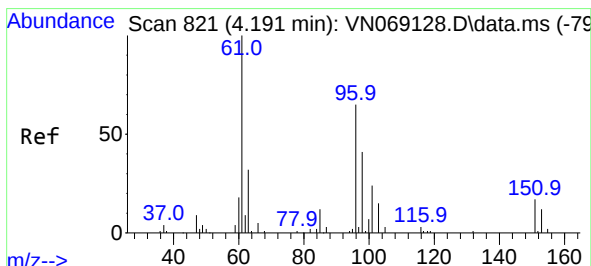
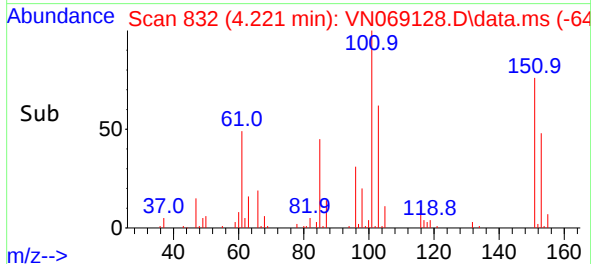
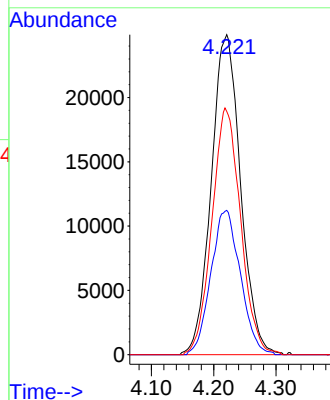
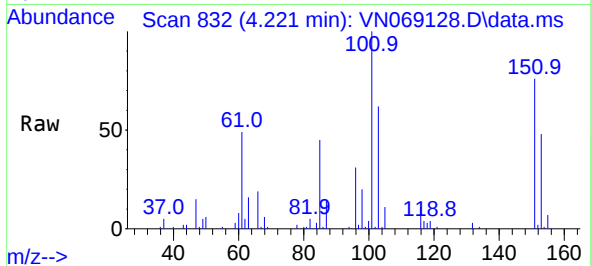
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.534 ug/l
 RT: 4.221 min Scan# 832
 Delta R.T. 0.000 min
 Lab File: VN069128.D
 Acq: 22 Oct 2021 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:101 Resp: 81450
 Ion Ratio Lower Upper
 101 100
 85 45.4 0.0 94.0
 151 75.5 0.0 74.6

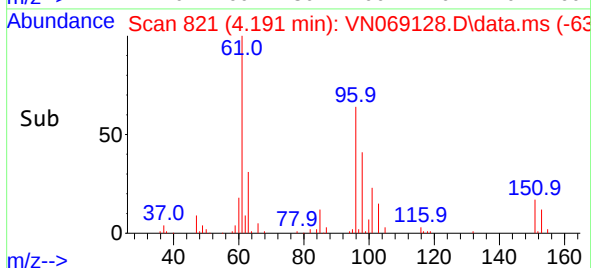
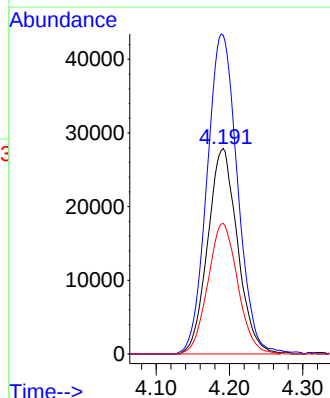
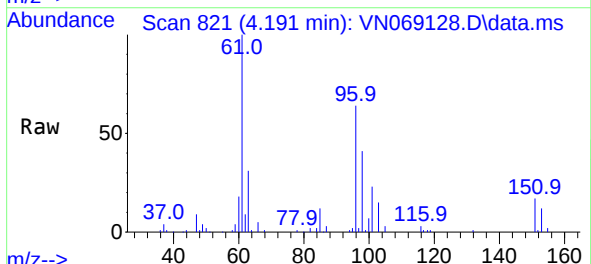
Manual Integrations
 APPROVED

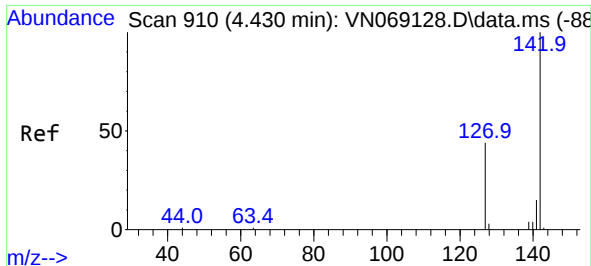
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#10
 1,1-Dichloroethene
 Concen: 23.318 ug/l
 RT: 4.191 min Scan# 821
 Delta R.T. 0.000 min
 Lab File: VN069128.D
 Acq: 22 Oct 2021 11:37

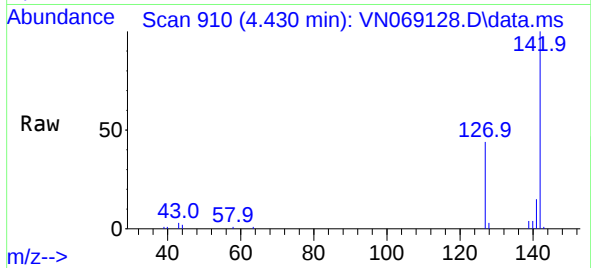
Tgt Ion: 96 Resp: 78740
 Ion Ratio Lower Upper
 96 100
 61 154.0 126.2 189.4
 98 63.6 50.9 76.3





#11
Methyl Iodide
Concen: 24.947 ug/l
RT: 4.430 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

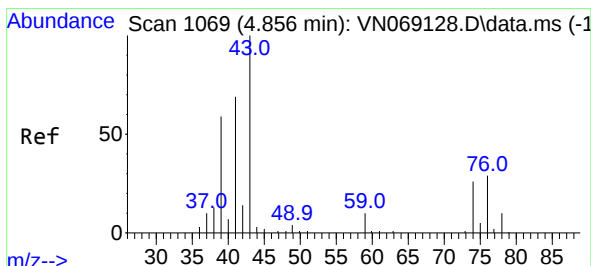
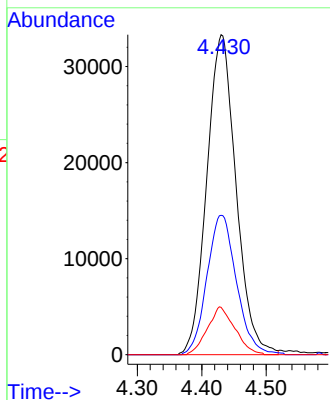
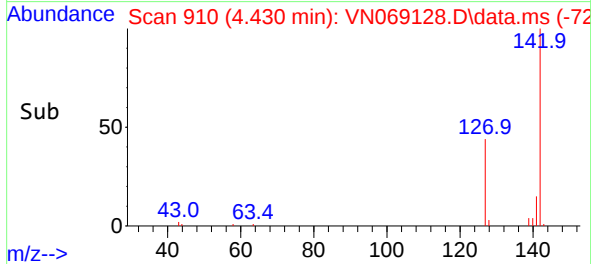
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 104849
Ion Ratio Lower Upper
142 100
127 43.5 24.0 72.0
141 14.9 8.4 25.2

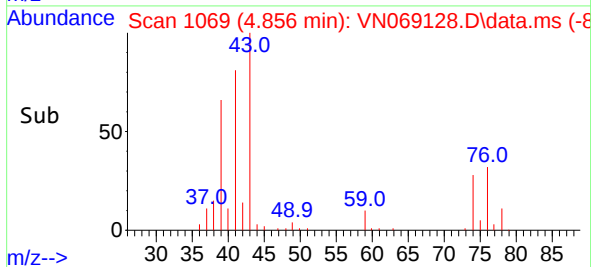
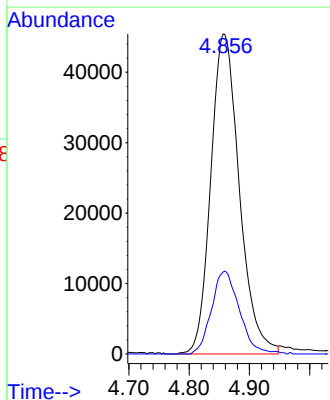
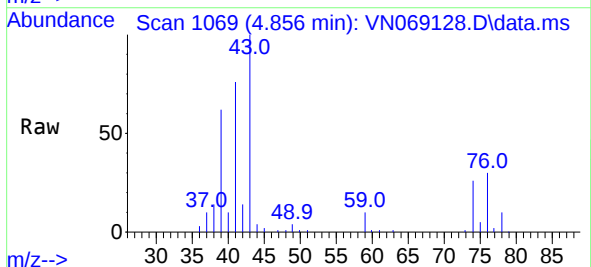
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

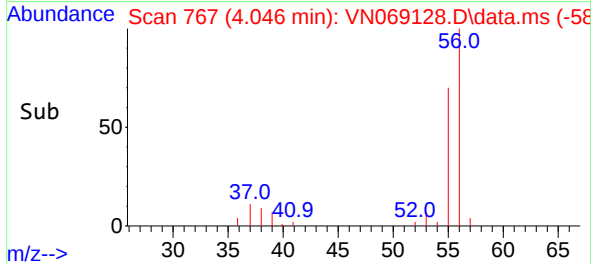
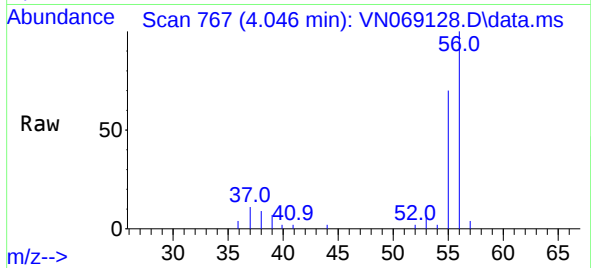
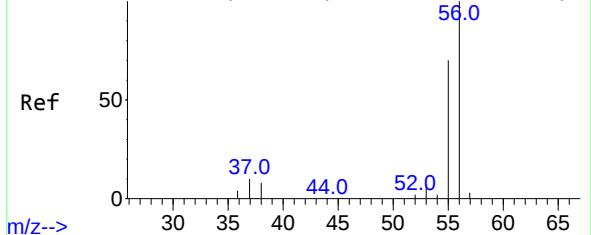


#12
Methyl Acetate
Concen: 25.109 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 43 Resp: 149545
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



Abundance Scan 767 (4.046 min): VN069128.D\data.ms (-74



#13

Acrolein

Concen: 156.277 ug/l

RT: 4.046 min Scan# 767

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 42919

Ion Ratio Lower Upper

56 100

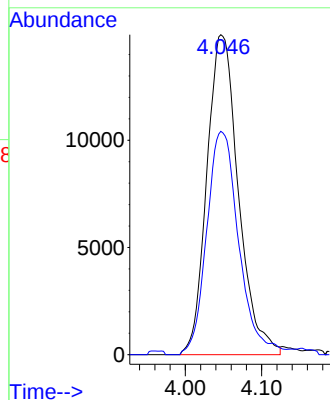
55 69.8 57.6 86.4

Manual Integrations

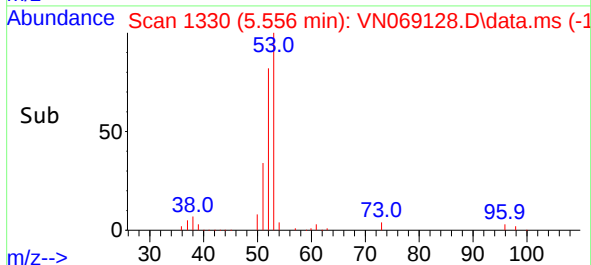
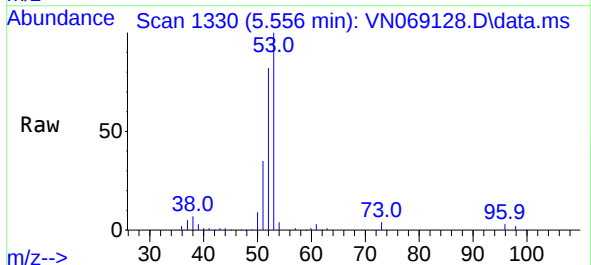
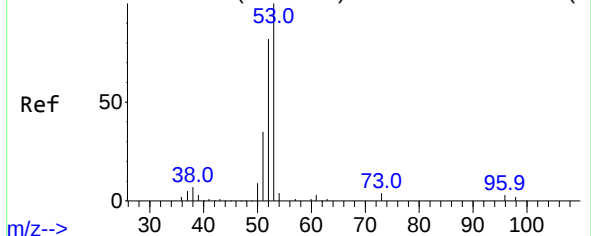
APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



Abundance Scan 1330 (5.556 min): VN069128.D\data.ms (-1



#14

Acrylonitrile

Concen: 113.242 ug/l

RT: 5.556 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

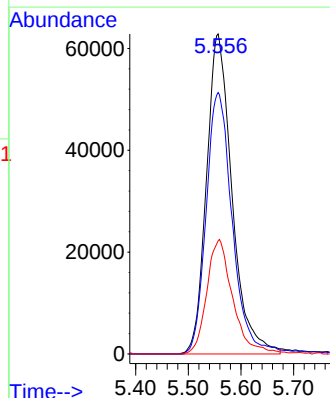
Tgt Ion: 53 Resp: 211727

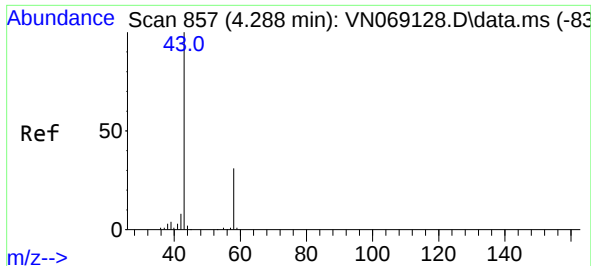
Ion Ratio Lower Upper

53 100

52 82.1 41.8 125.4

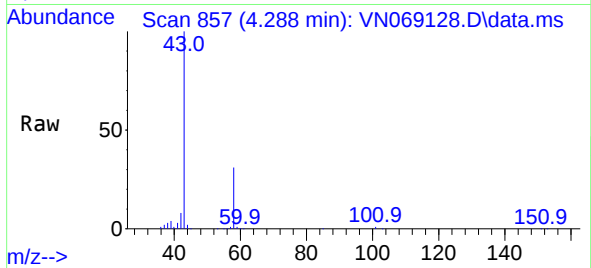
51 36.0 19.0 57.0





#15
Acetone
Concen: 141.916 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

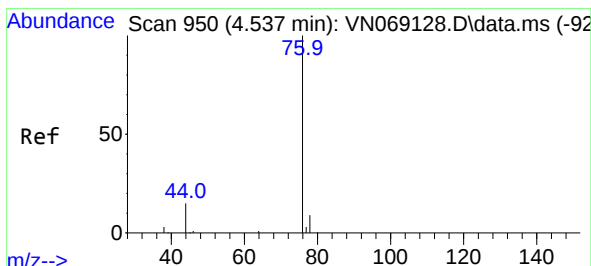
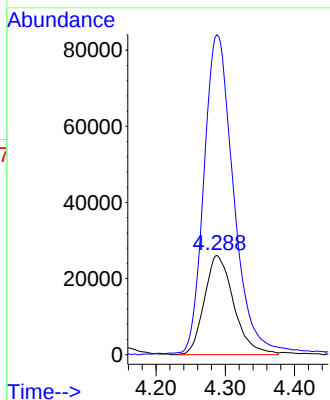
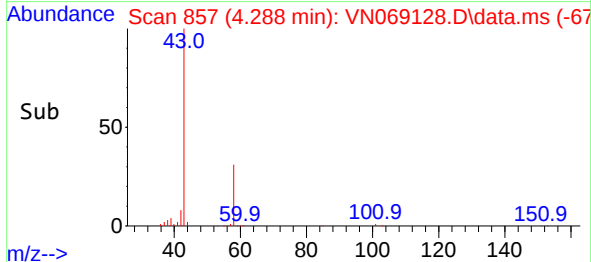
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



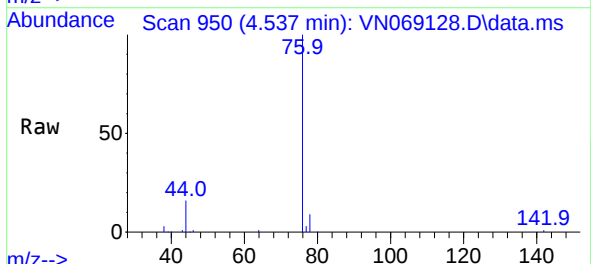
Tgt Ion: 58 Resp: 7698
Ion Ratio Lower Upper
58 100
43 319.8 256.6 384.8

Manual Integrations
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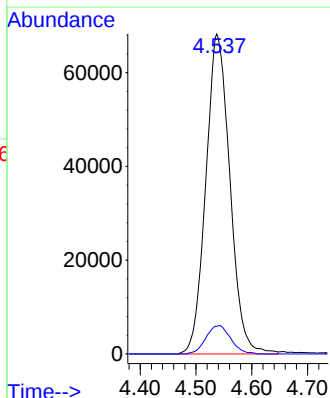
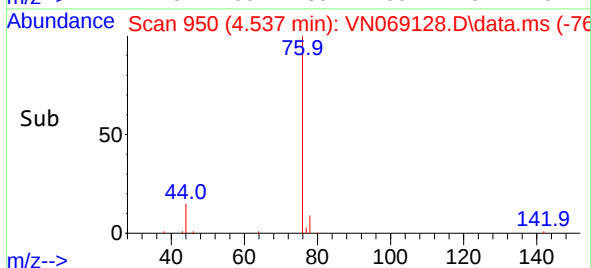
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

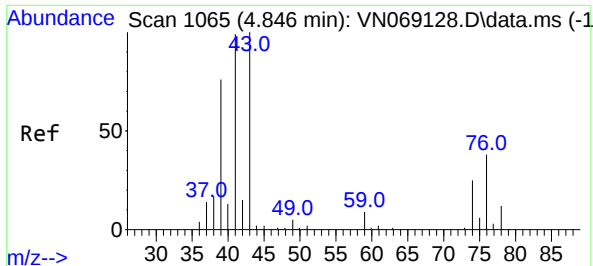


#16
Carbon Disulfide
Concen: 22.612 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



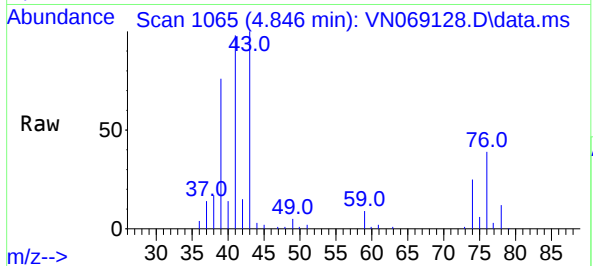
Tgt Ion: 76 Resp: 204778
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17
Allyl chloride
Concen: 24.676 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

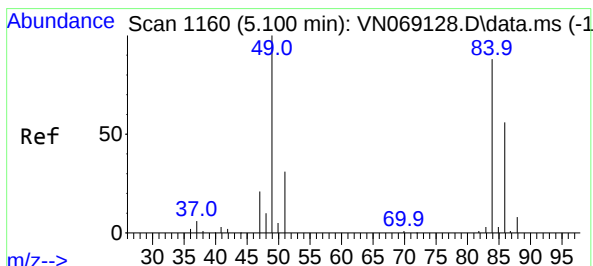
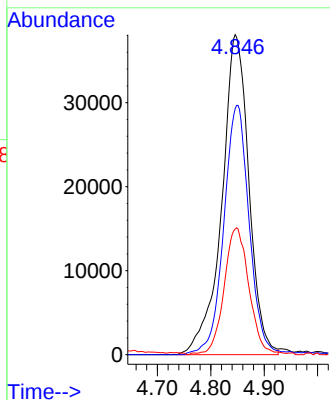
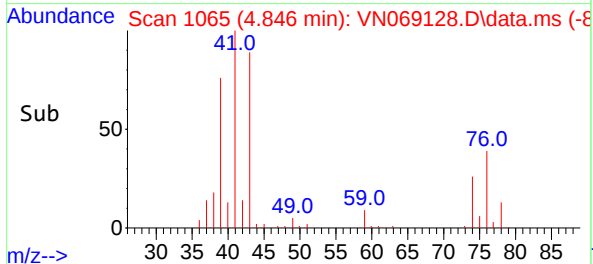
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 134519
Ion Ratio Lower Upper
41 100
39 76.8 44.6 134.0
76 38.7 19.6 58.7

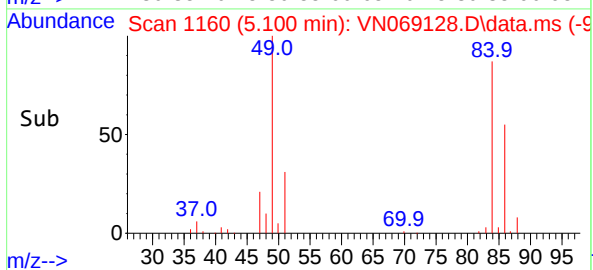
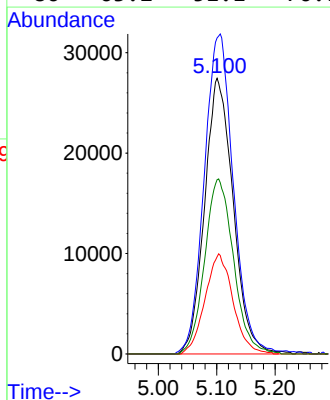
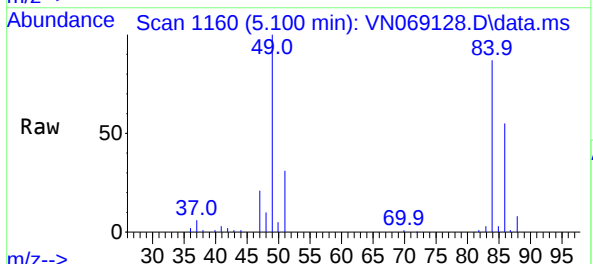
Manual Integrations
APPROVED

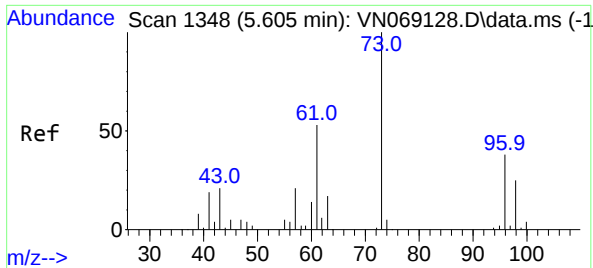
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#18
Methylene Chloride
Concen: 22.271 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 84 Resp: 93342
Ion Ratio Lower Upper
84 100
49 113.8 91.4 137.0
51 35.3 29.4 44.0
86 63.2 51.1 76.7





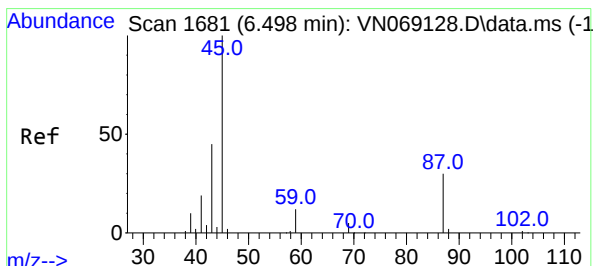
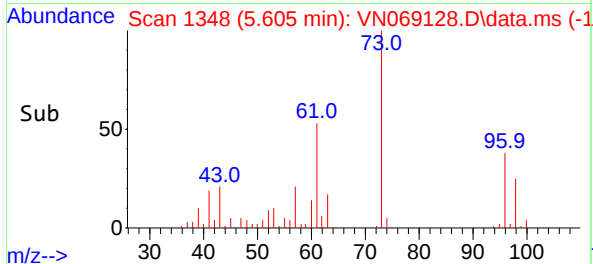
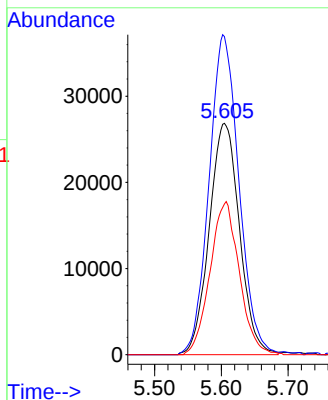
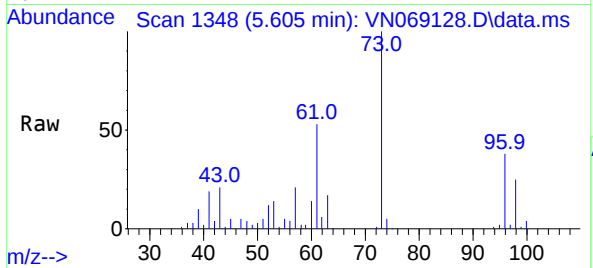
#19
trans-1,2-Dichloroethene
Concen: 21.609 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 8462
Ion Ratio Lower Upper
96 100
61 137.4 102.8 154.2
98 65.2 49.3 73.9

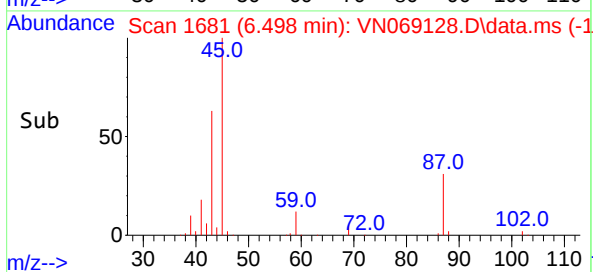
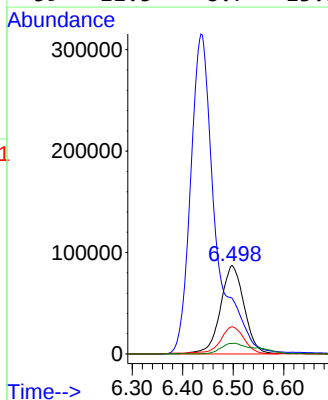
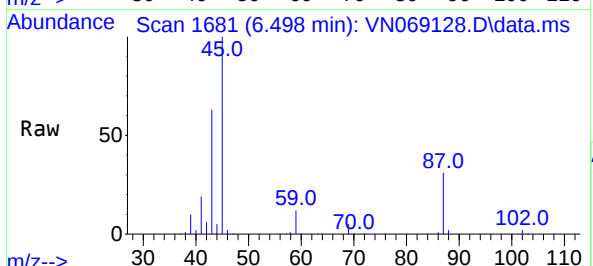
Manual Integrations
APPROVED

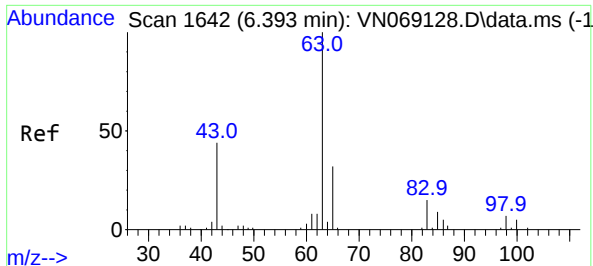
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#20
Diisopropyl ether
Concen: 22.844 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 45 Resp: 284543
Ion Ratio Lower Upper
45 100
43 60.4 51.0 76.4
87 30.5 25.0 37.4
59 11.5 8.7 13.1





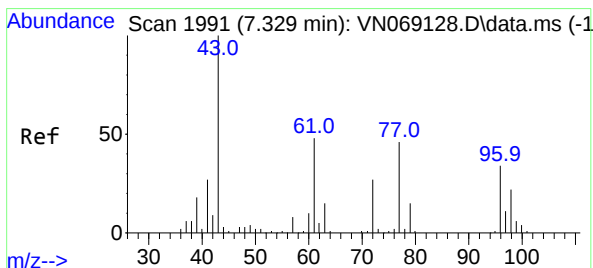
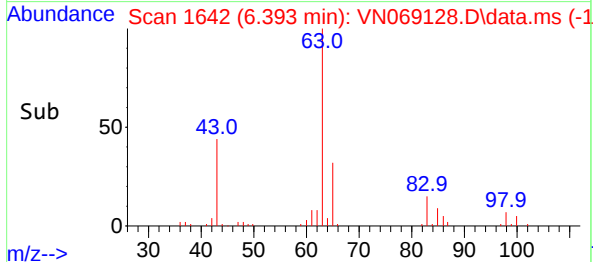
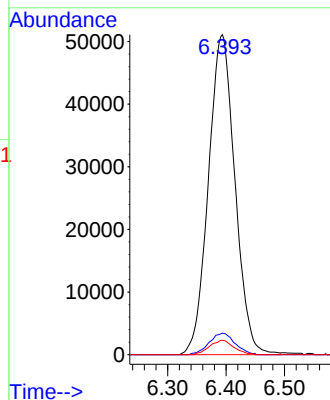
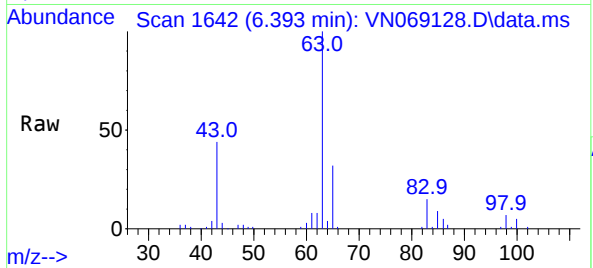
#21
1,1-Dichloroethane
Concen: 22.456 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 161440
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 4.5 2.1 6.2

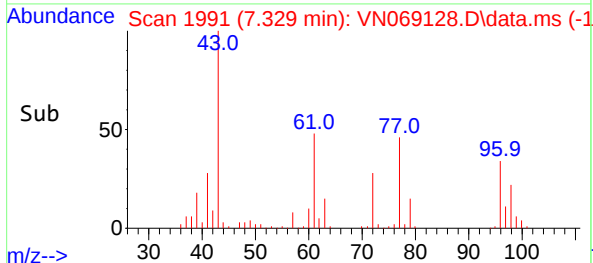
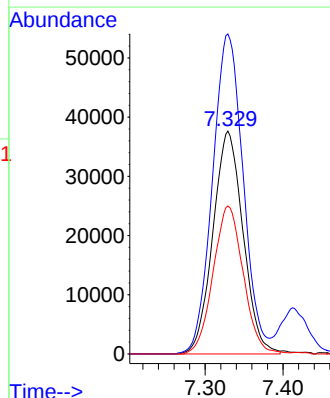
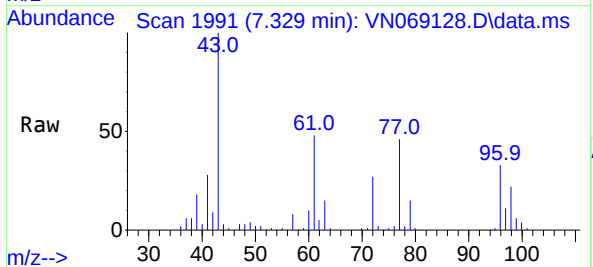
Manual Integrations
APPROVED

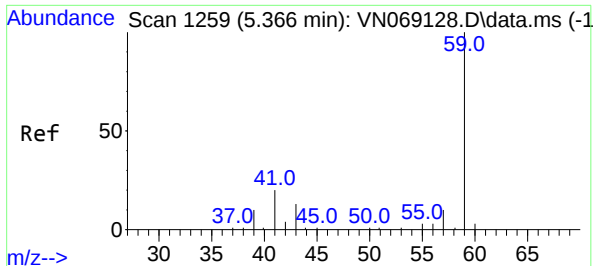
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#22
cis-1,2-Dichloroethene
Concen: 21.165 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 96 Resp: 101276
Ion Ratio Lower Upper
96 100
61 146.0 115.7 173.5
98 66.3 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 121.491 ug/l

RT: 5.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 59 Resp: 8570

Ion Ratio Lower Upper

59 100

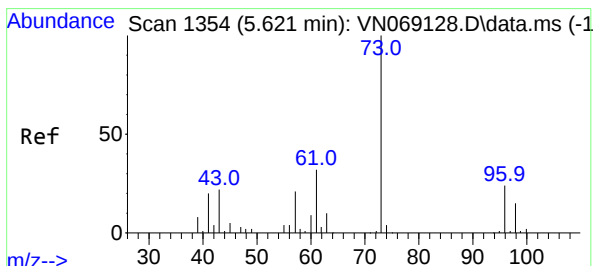
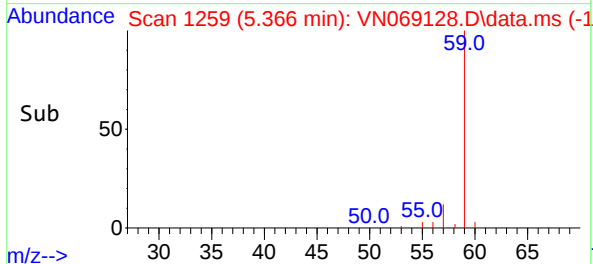
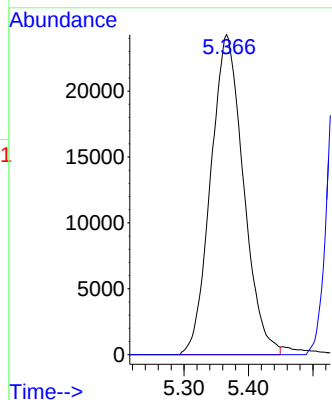
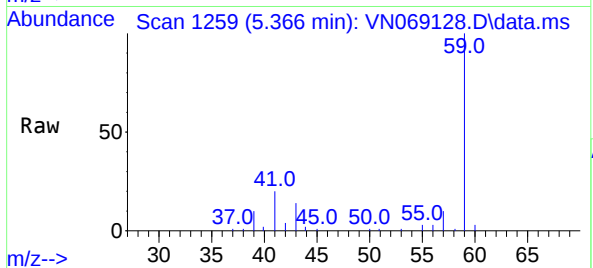
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#24

Methyl tert-Butyl Ether

Concen: 22.348 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VN069128.D

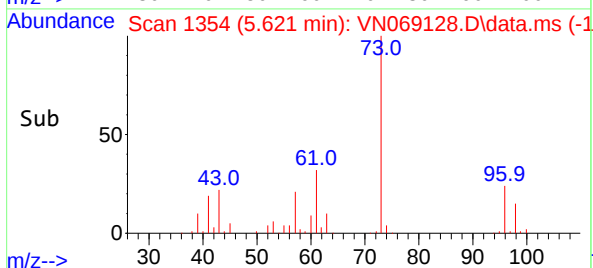
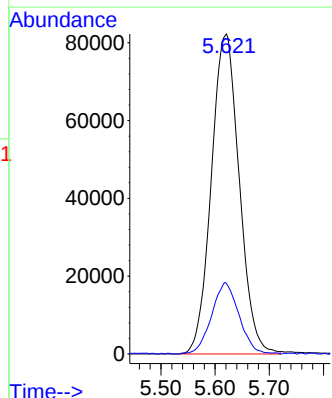
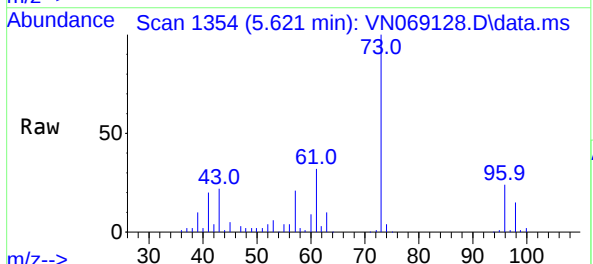
Acq: 22 Oct 2021 11:37

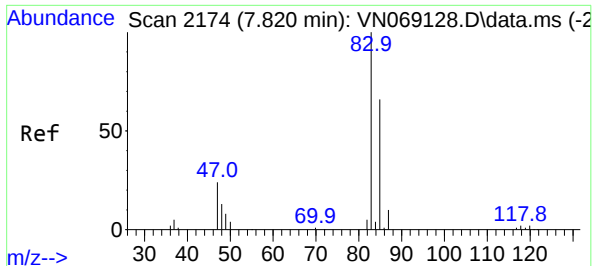
Tgt Ion: 73 Resp: 294861

Ion Ratio Lower Upper

73 100

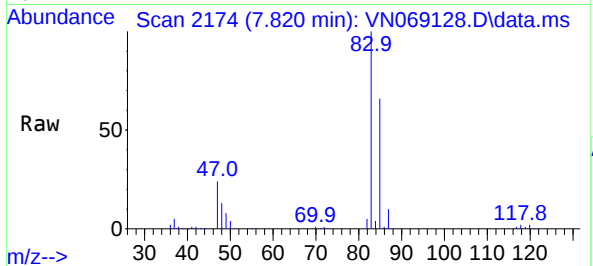
43 21.8 18.1 27.1





#25
Chloroform
Concen: 20.719 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

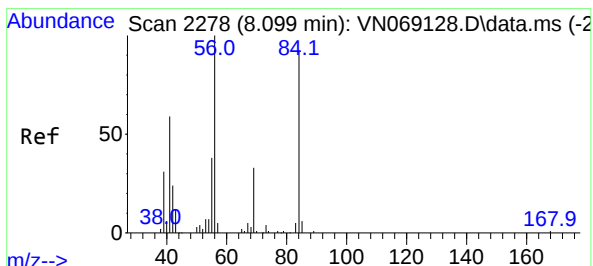
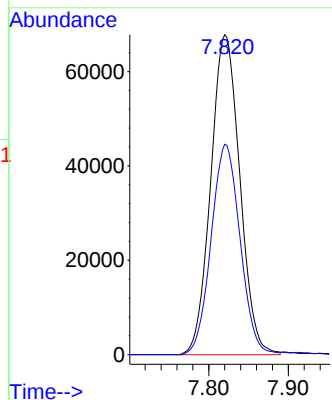
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



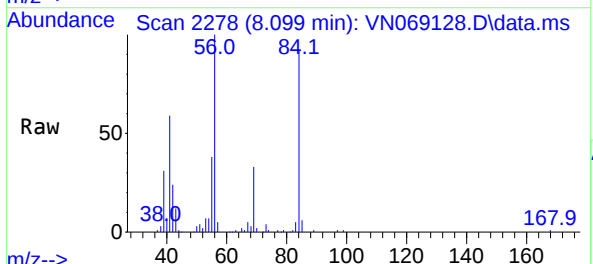
Tgt Ion: 83 Resp: 172385
Ion Ratio Lower Upper
83 100
85 65.8 51.3 76.9

Manual Integrations
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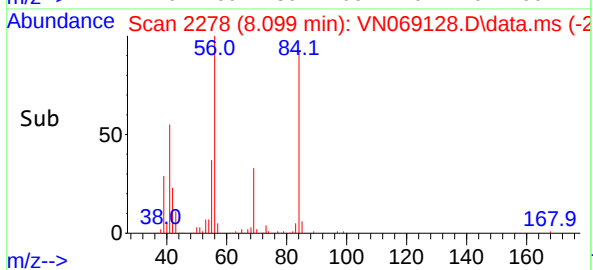
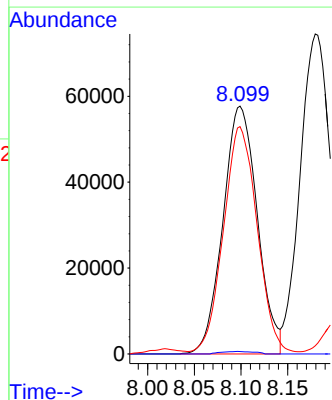
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

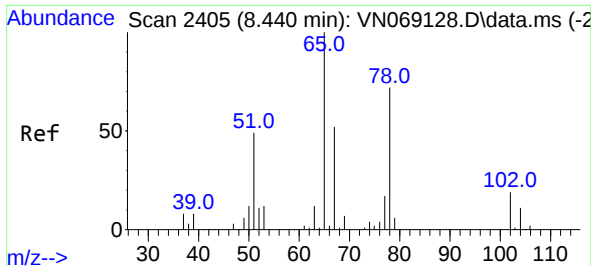


#26
Cyclohexane
Concen: 23.250 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion: 56 Resp: 147705
Ion Ratio Lower Upper
56 100
89 0.7 0.1 0.1#
84 90.7 74.6 111.8





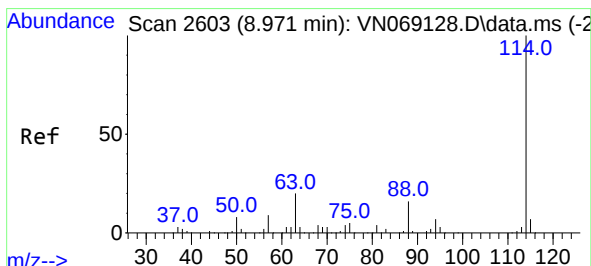
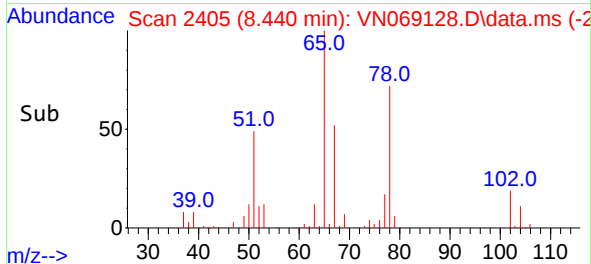
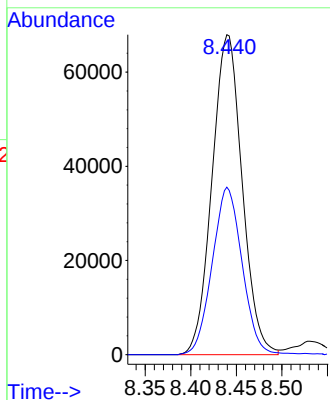
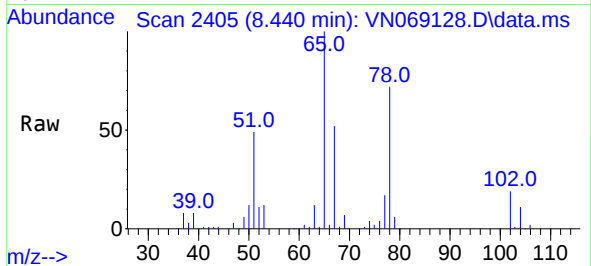
#27
1,2-Dichloroethane-d4
Concen: 30.755 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 15618
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2

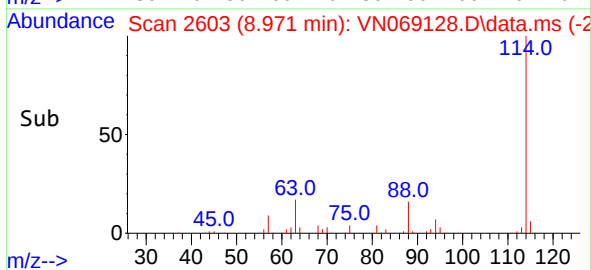
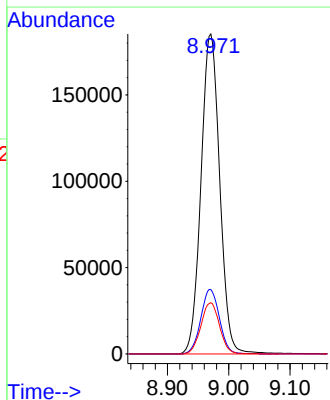
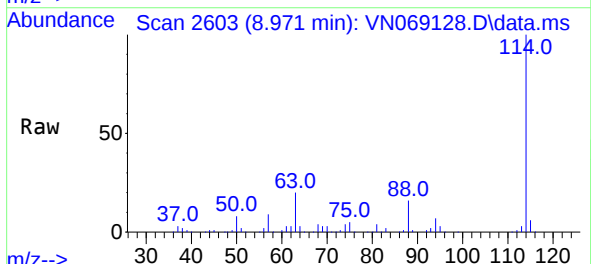
Manual Integrations
APPROVED

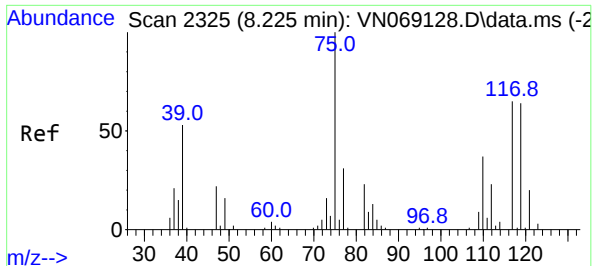
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion:114 Resp: 393555
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.6
88 16.0 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.932 ug/l

RT: 8.225 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 12616

Ion Ratio Lower Upper

75 100

110 35.8 0.0 74.2

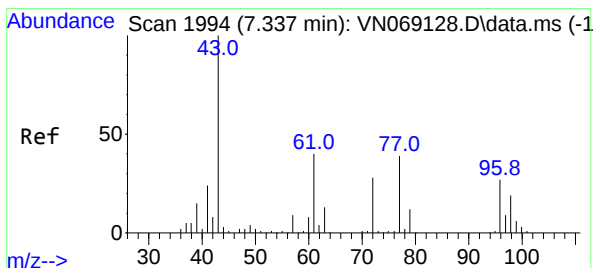
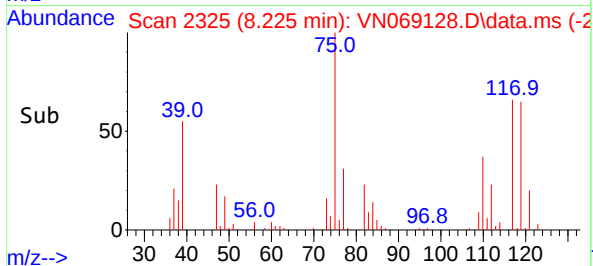
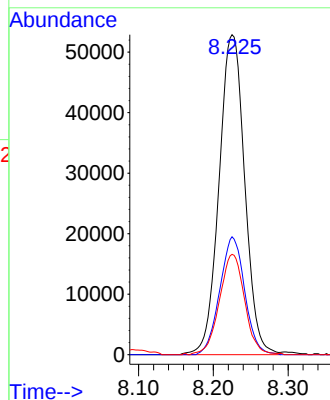
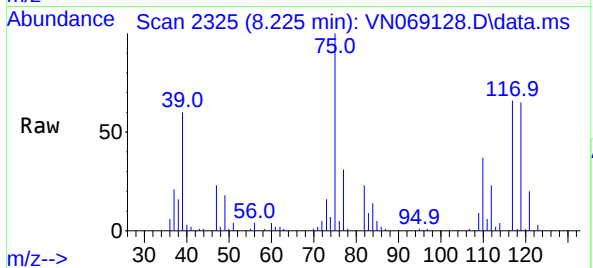
77 30.8 0.0 63.2

Manual Integrations

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Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#30

2-Butanone

Concen: 110.869 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

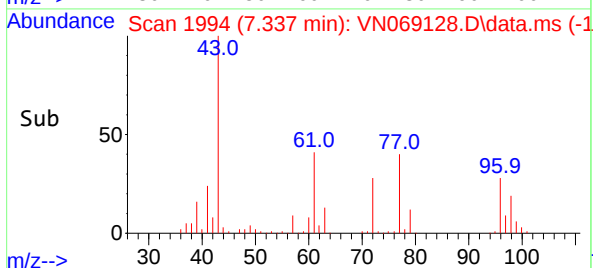
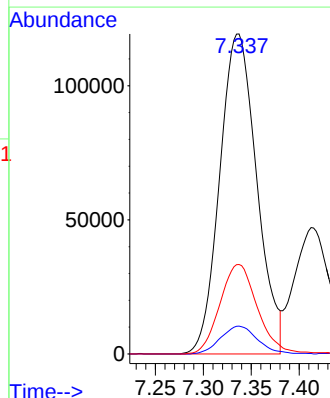
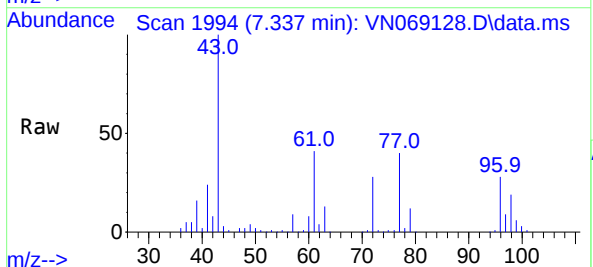
Tgt Ion: 43 Resp: 320734

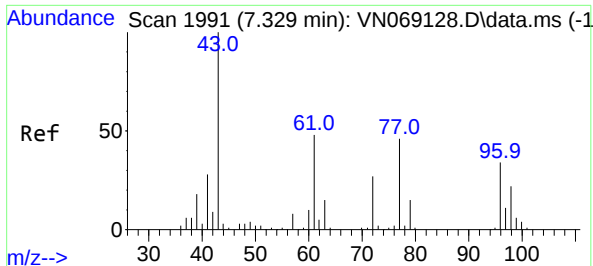
Ion Ratio Lower Upper

43 100

57 8.6 6.7 10.1

72 28.2 23.2 34.8





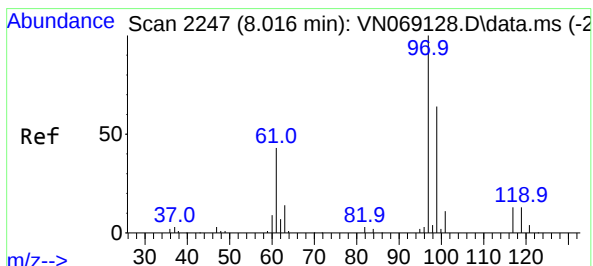
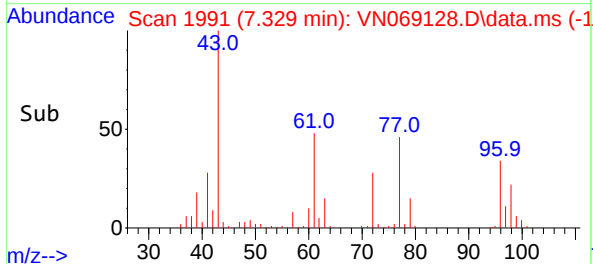
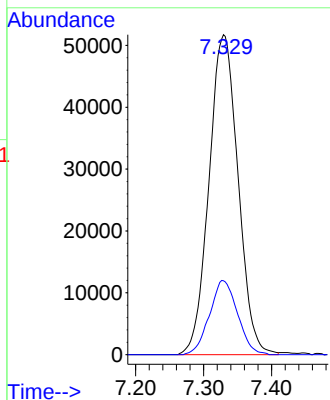
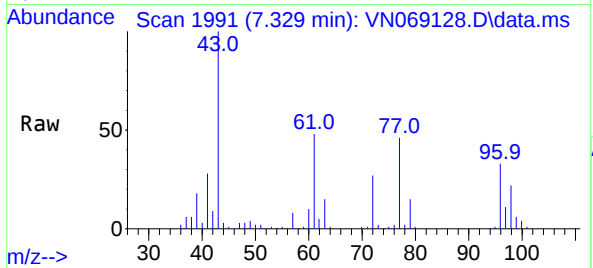
#31
2,2-Dichloropropane
Concen: 20.954 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 153652
Ion Ratio Lower Upper
77 100
97 22.4 18.3 27.5

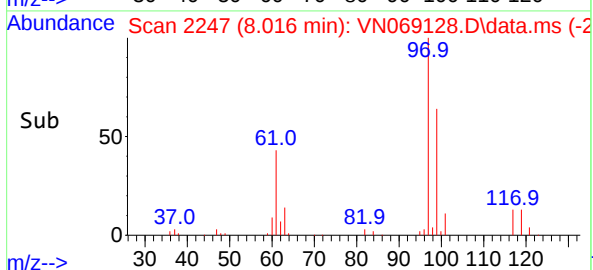
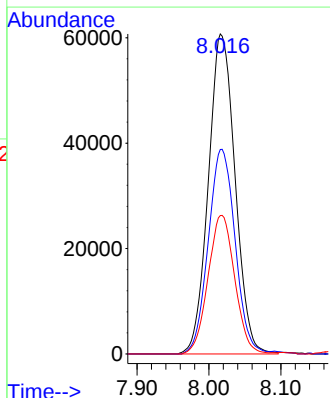
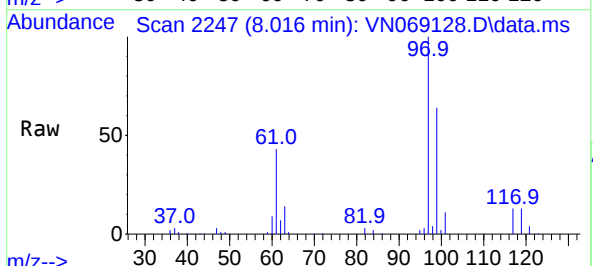
Manual Integrations
APPROVED

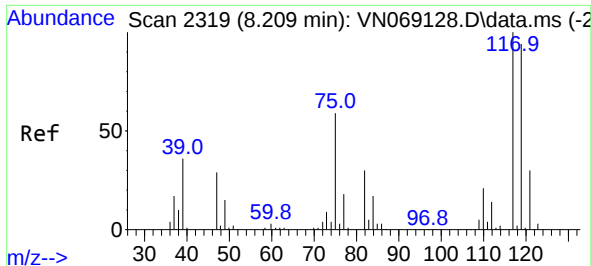
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 19.550 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

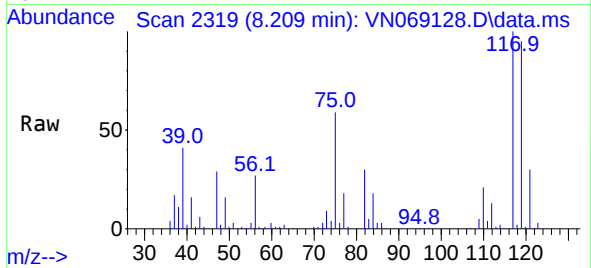
Tgt Ion: 97 Resp: 157042
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 43.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.661 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

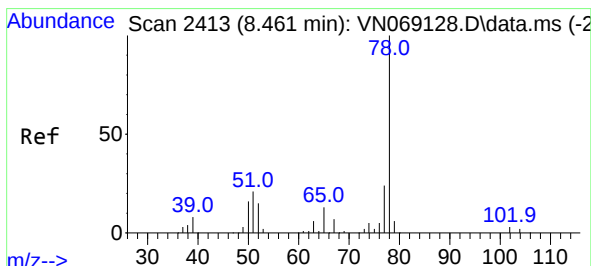
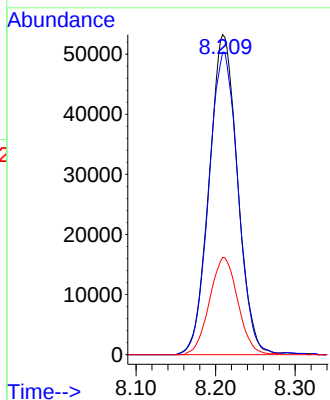
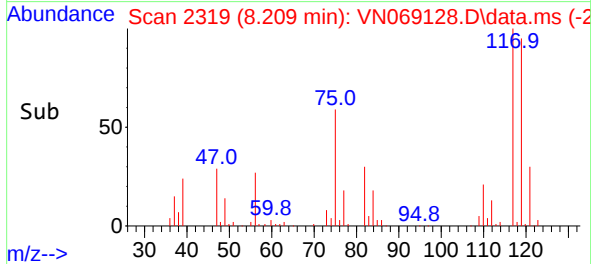
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



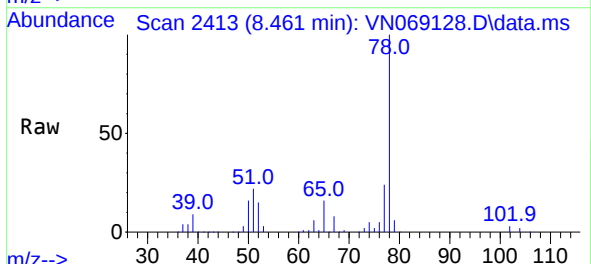
Tgt Ion:117 Resp: 132430
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3
121 30.4 23.5 35.3

Manual Integrations
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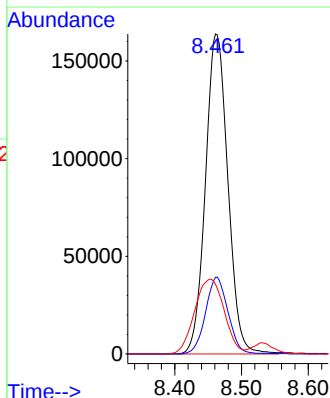
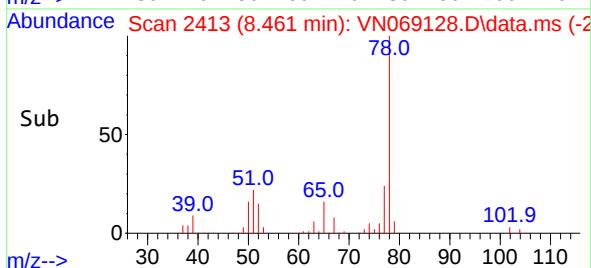
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

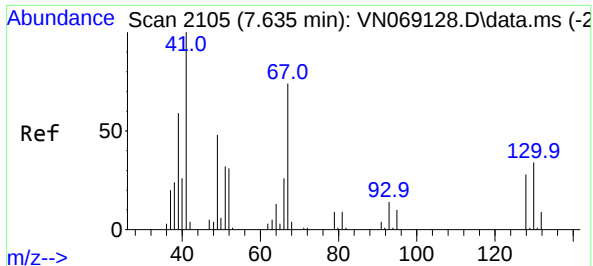


#34
Benzene
Concen: 20.379 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



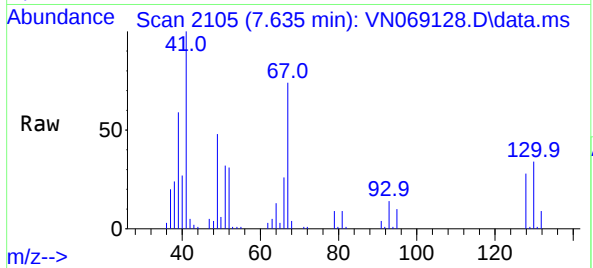
Tgt Ion: 78 Resp: 382621
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 20.8 16.0 24.0





#35
Methacrylonitrile
Concen: 20.655 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

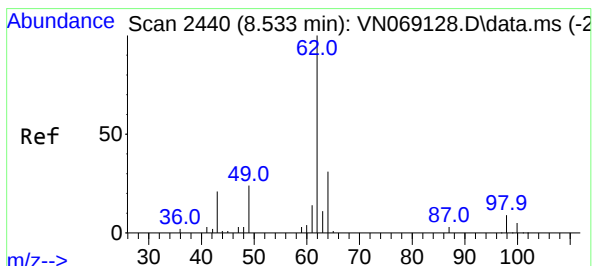
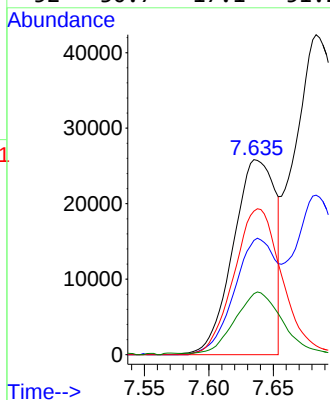
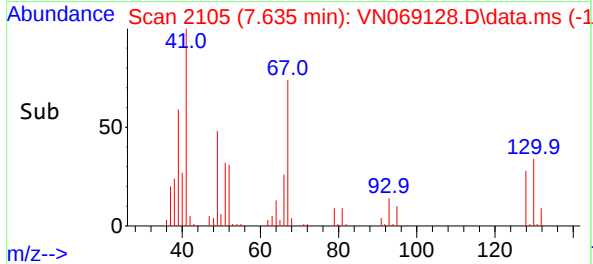
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



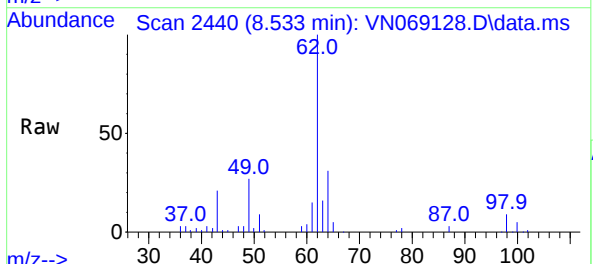
Tgt Ion: 41 Resp: 58480
Ion Ratio Lower Upper
41 100
39 58.6 28.0 83.9
67 73.6 37.7 113.1
52 30.7 17.1 51.2

Manual Integrations
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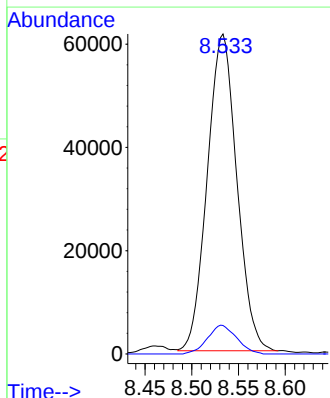
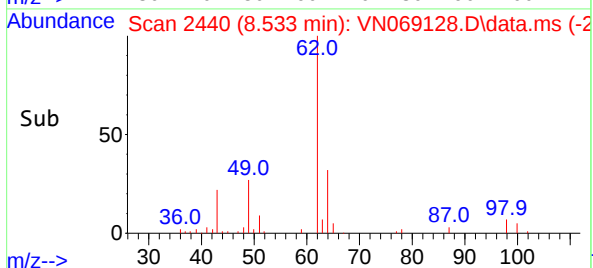
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

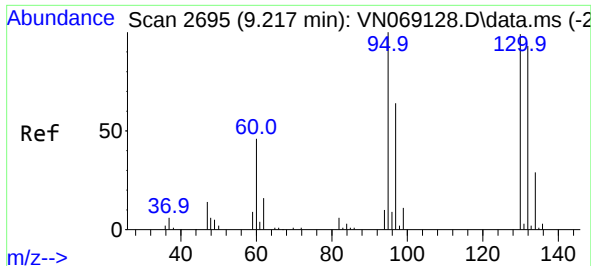


#36
1,2-Dichloroethane
Concen: 19.472 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



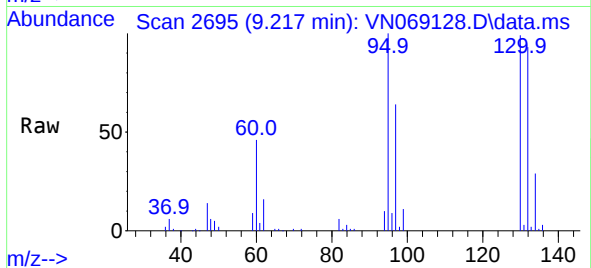
Tgt Ion: 62 Resp: 135062
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#37
Trichloroethene
Concen: 19.565 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

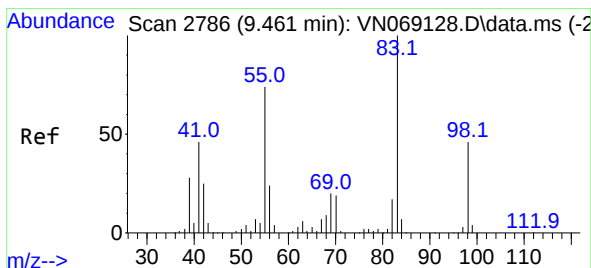
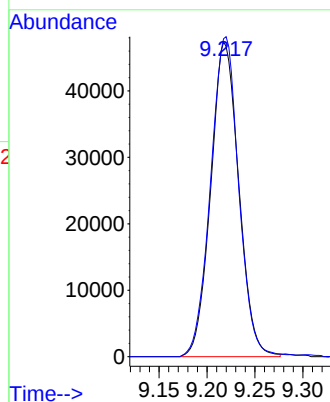
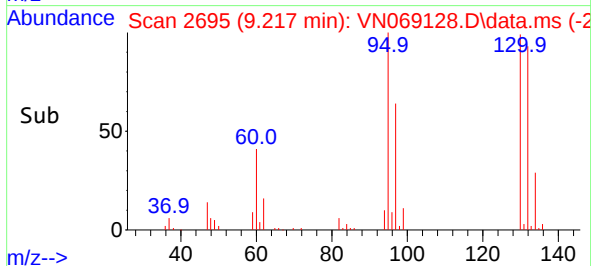
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



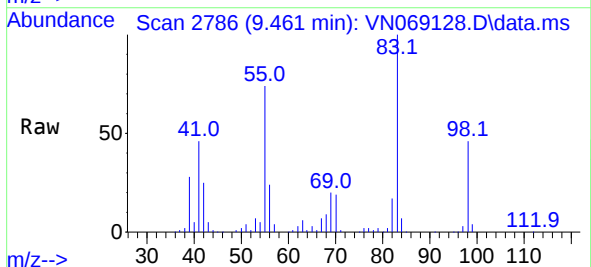
Tgt Ion:130 Resp: 96034
Ion Ratio Lower Upper
130 100
95 101.1 76.6 115.0

Manual Integrations
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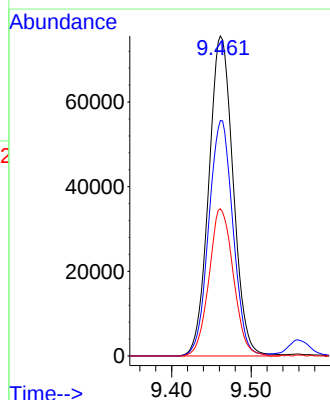
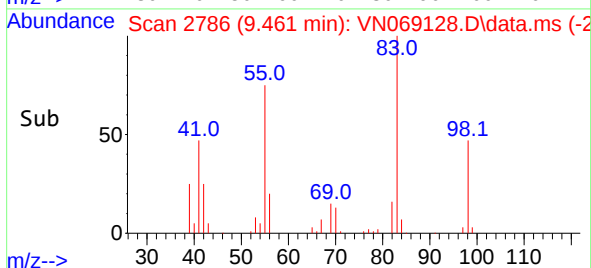
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

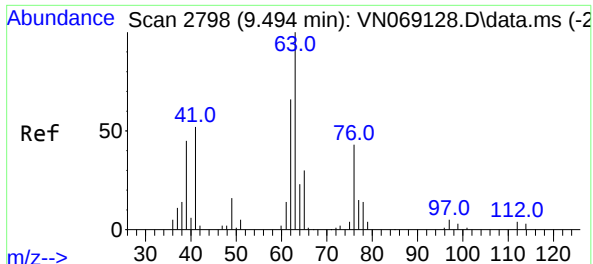


#38
Methylcyclohexane
Concen: 20.482 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion: 83 Resp: 161287
Ion Ratio Lower Upper
83 100
55 73.1 35.1 105.3
98 45.9 23.4 70.2





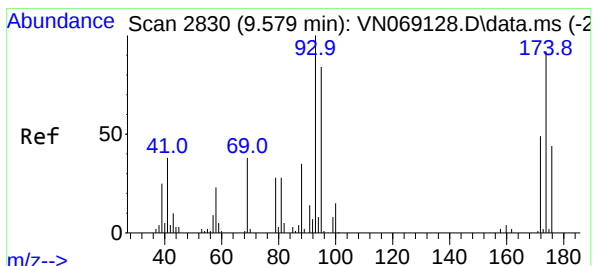
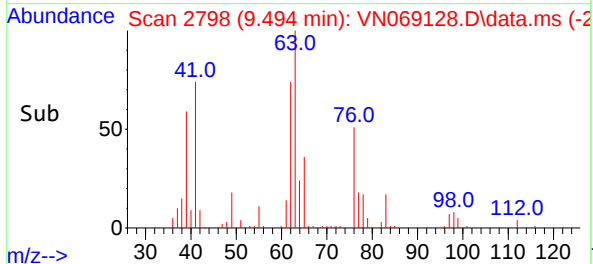
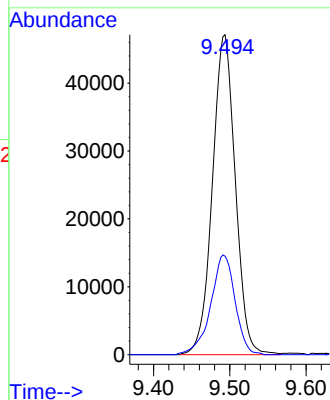
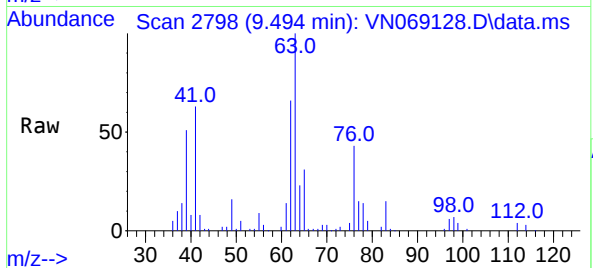
#39
1,2-Dichloropropane
Concen: 21.012 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 9837
Ion Ratio Lower Upper
63 100
65 30.8 24.2 36.4

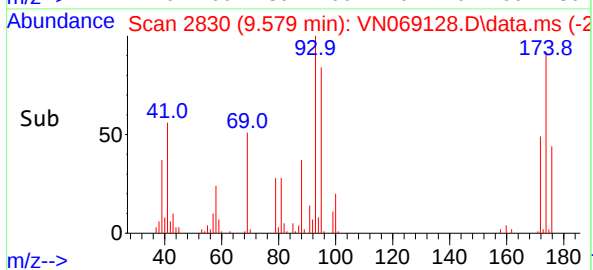
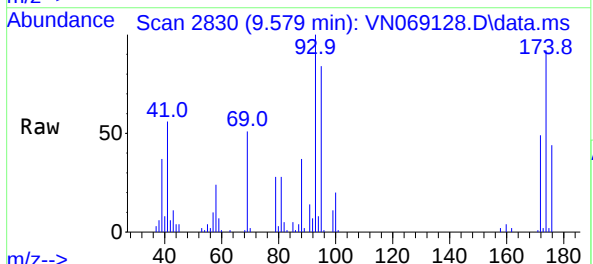
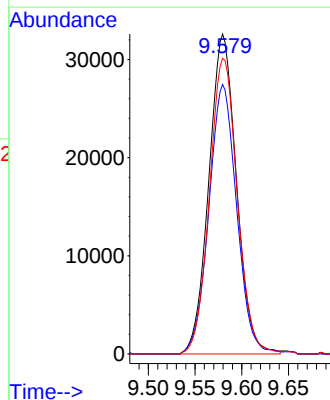
Manual Integrations
APPROVED

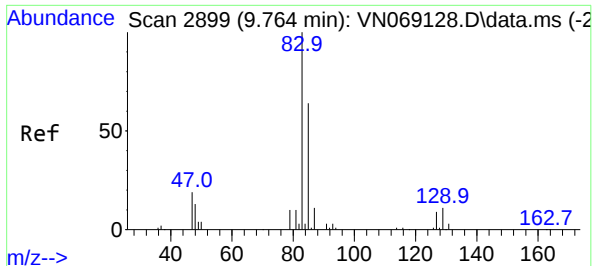
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#40
Dibromomethane
Concen: 18.539 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

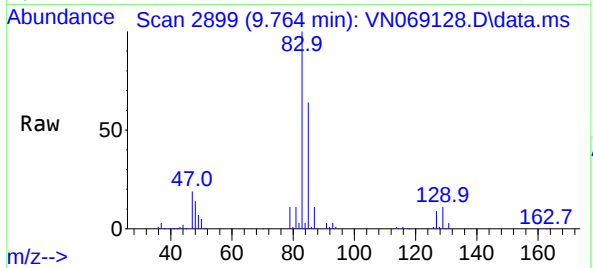
Tgt Ion: 93 Resp: 66893
Ion Ratio Lower Upper
93 100
95 84.5 0.0 168.8
174 93.1 0.0 173.6





#41
Bromodichloromethane
Concen: 18.732 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

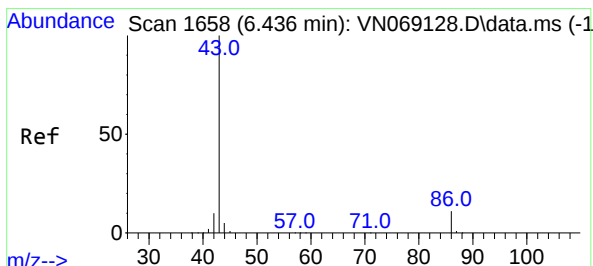
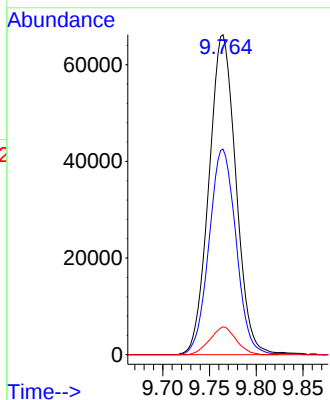
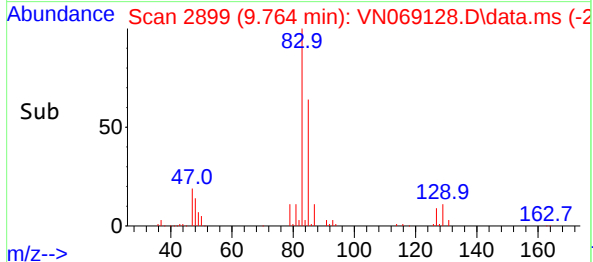
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



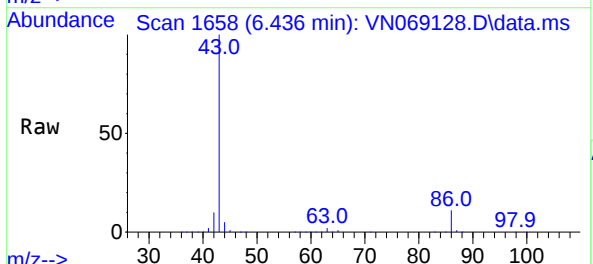
Tgt Ion: 83 Resp: 132852
Ion Ratio Lower Upper
83 100
85 64.3 54.1 81.1
127 8.7 7.6 11.4

Manual Integrations
APPROVED

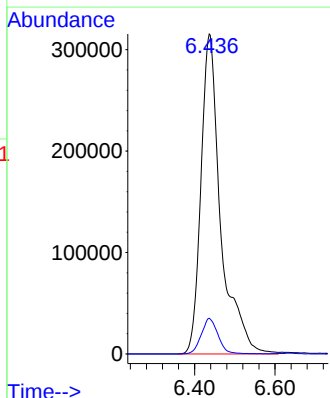
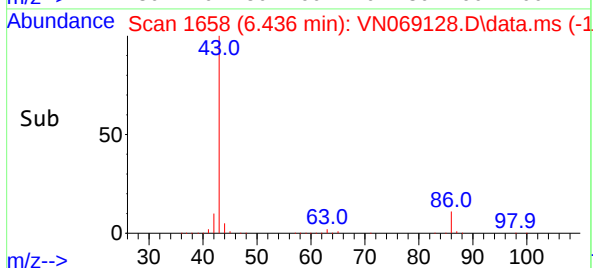
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

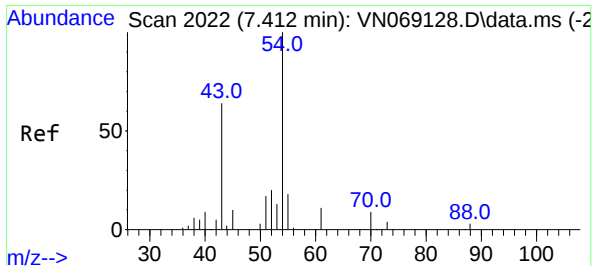


#42
Vinyl Acetate
Concen: 101.908 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion: 43 Resp: 1076636
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43

Ethyl Acetate

Concen: 20.929 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 121720

Ion Ratio Lower Upper

43 100

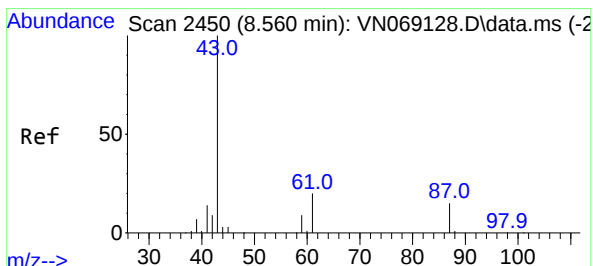
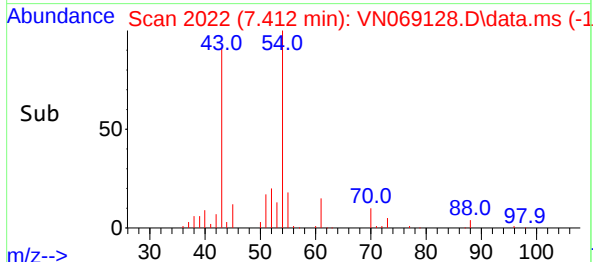
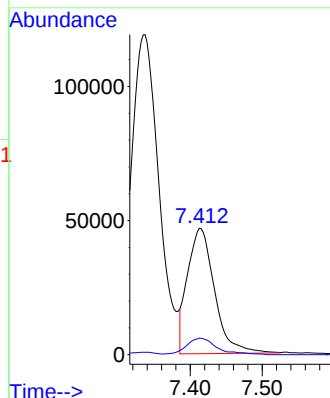
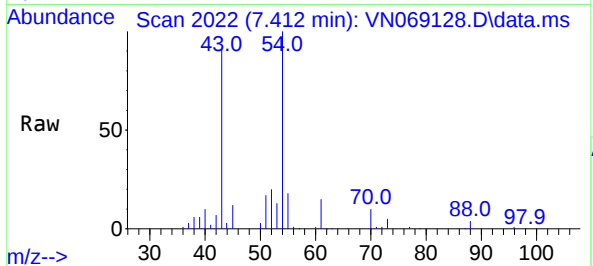
45 12.5 10.6 16.0

Manual Integrations

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Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#44

Isopropyl Acetate

Concen: 21.210 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069128.D

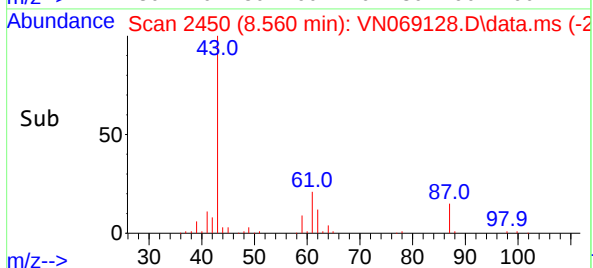
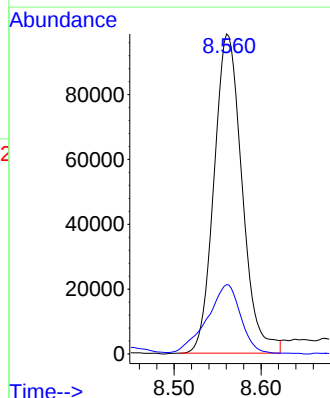
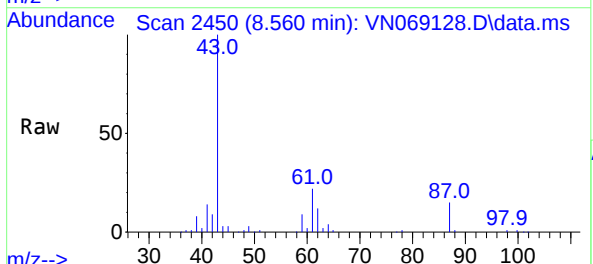
Acq: 22 Oct 2021 11:37

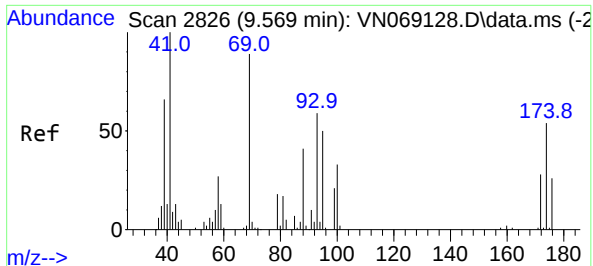
Tgt Ion: 43 Resp: 221058

Ion Ratio Lower Upper

43 100

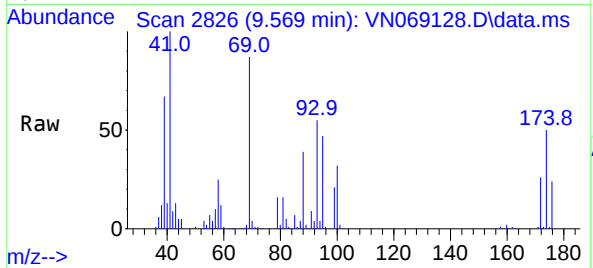
61 25.5 20.1 30.1





#45
1,4-Dioxane
Concen: 411.804 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

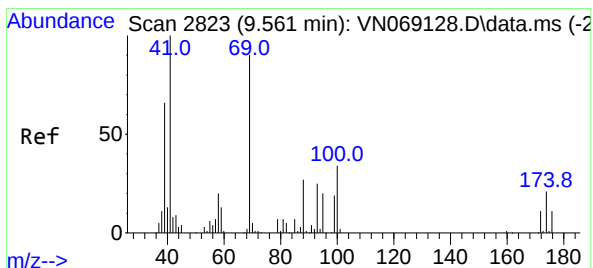
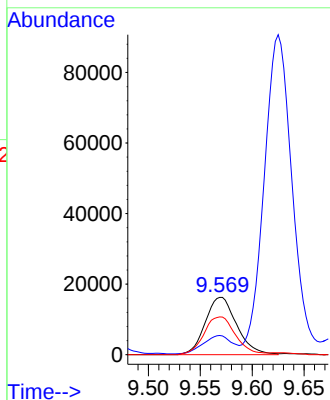
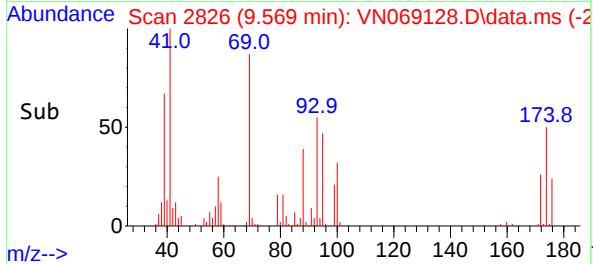
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



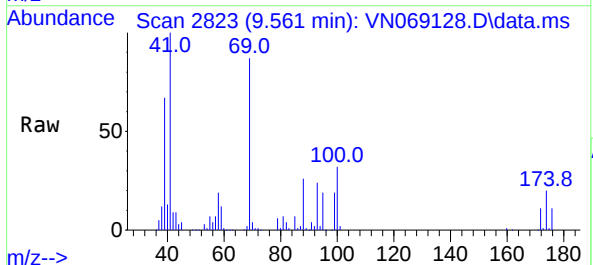
Tgt Ion: 88 Resp: 34275
Ion Ratio Lower Upper
88 100
43 29.4 25.0 37.6
58 66.2 49.4 74.2

Manual Integrations
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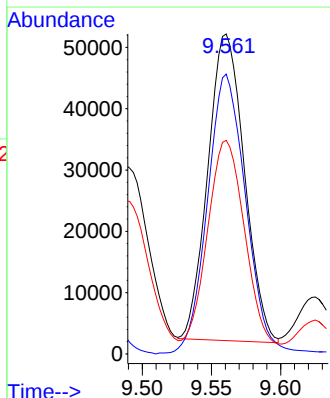
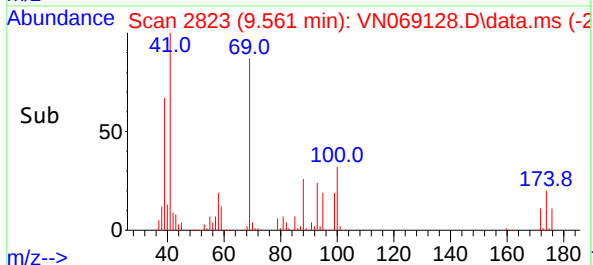
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

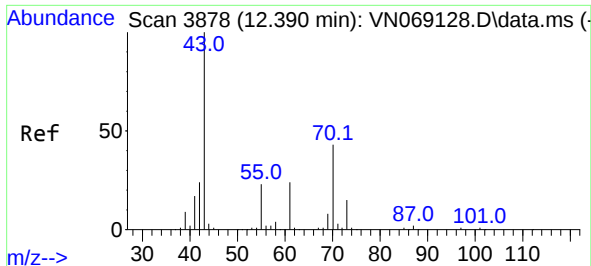


#46
Methyl methacrylate
Concen: 19.959 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



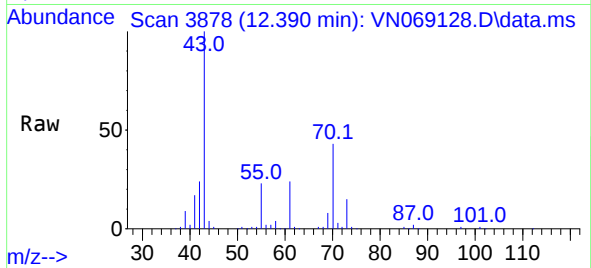
Tgt Ion: 41 Resp: 91712
Ion Ratio Lower Upper
41 100
69 90.0 44.4 133.2
39 66.8 39.9 119.6





#47
n-amyl acetate
Concen: 20.073 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

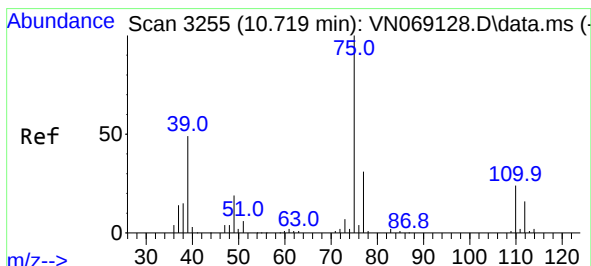
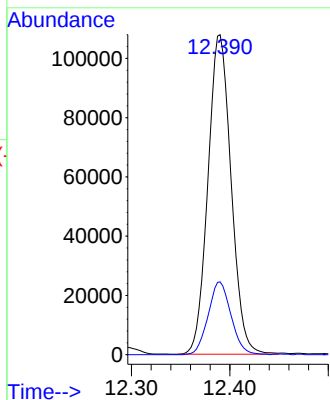
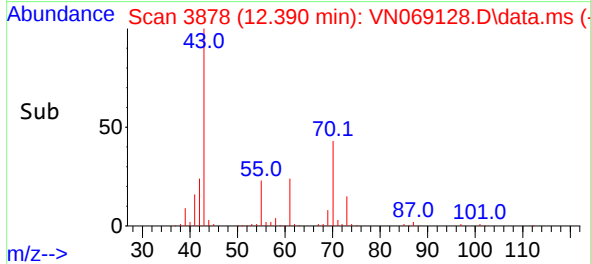
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



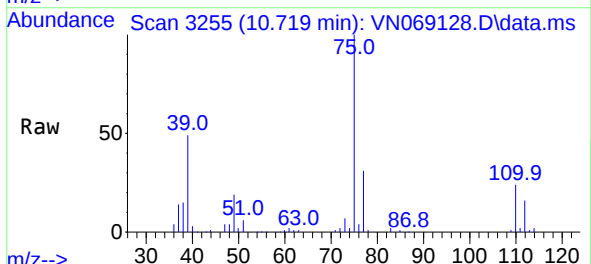
Tgt Ion: 43 Resp: 176382
Ion Ratio Lower Upper
43 100
55 22.6 19.0 28.6

Manual Integrations
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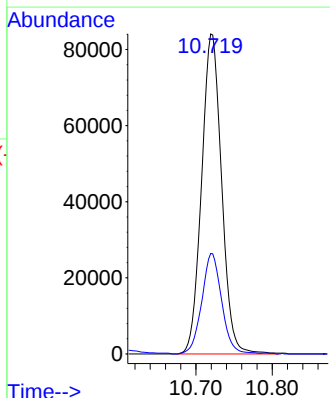
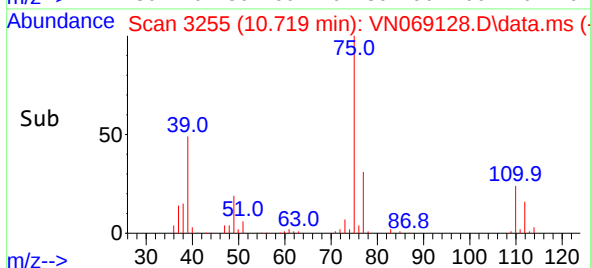
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

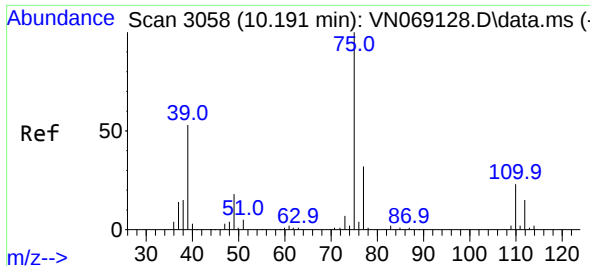


#48
t-1,3-Dichloropropene
Concen: 19.606 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion: 75 Resp: 153176
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





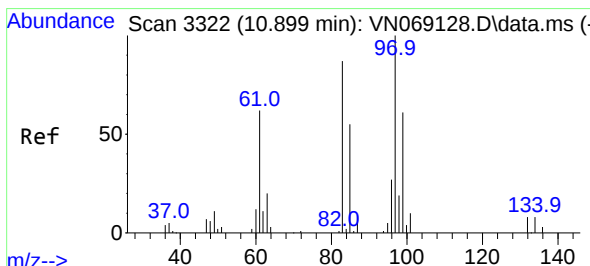
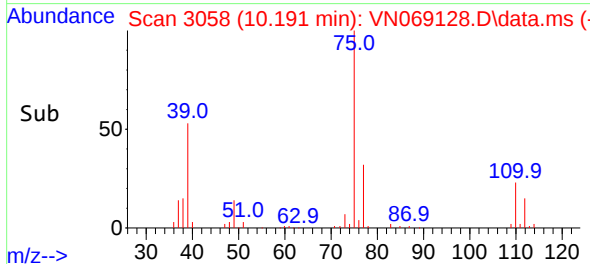
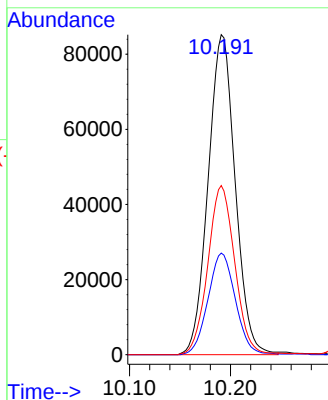
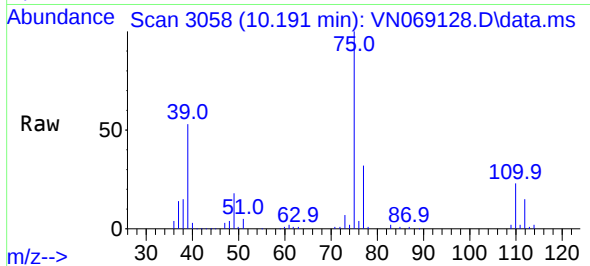
#49
 cis-1,3-Dichloropropene
 Concen: 19.860 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069128.D
 Acq: 22 Oct 2021 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 75 Resp: 15867
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 52.9 46.2 69.4

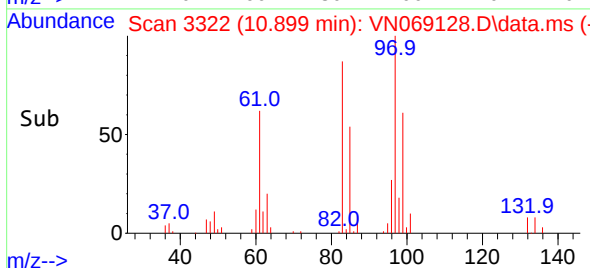
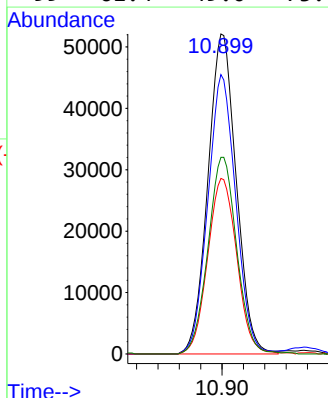
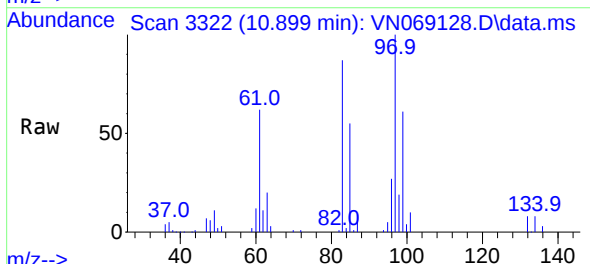
Manual Integrations
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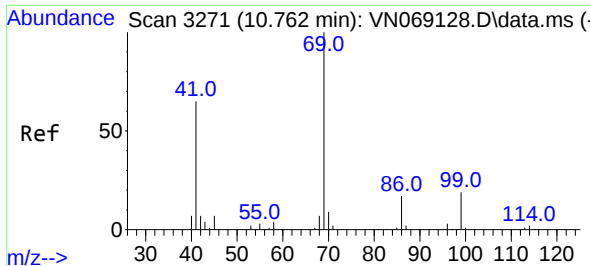
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#50
 1,1,2-Trichloroethane
 Concen: 19.123 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN069128.D
 Acq: 22 Oct 2021 11:37

Tgt Ion: 97 Resp: 96068
 Ion Ratio Lower Upper
 97 100
 83 87.3 67.2 100.8
 85 54.9 43.0 64.4
 99 61.4 49.0 73.4





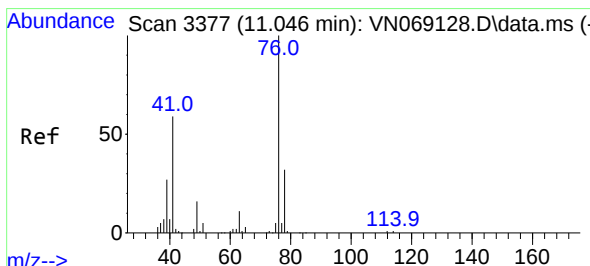
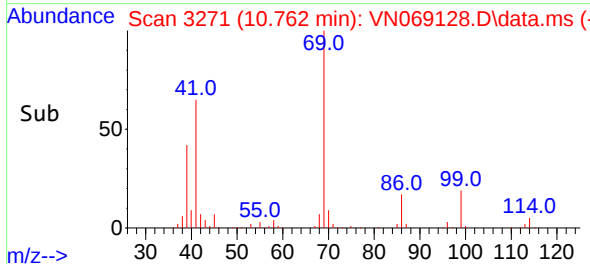
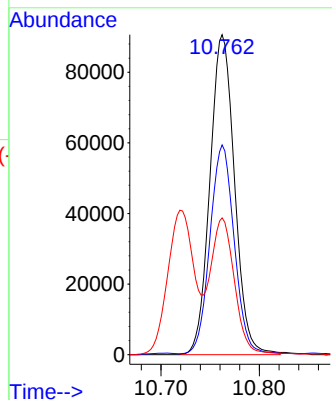
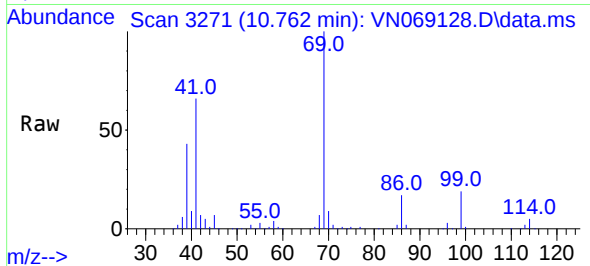
#51
Ethyl methacrylate
Concen: 20.345 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 157862
Ion Ratio Lower Upper
69 100
41 65.2 33.0 98.9
39 42.3 25.4 76.4

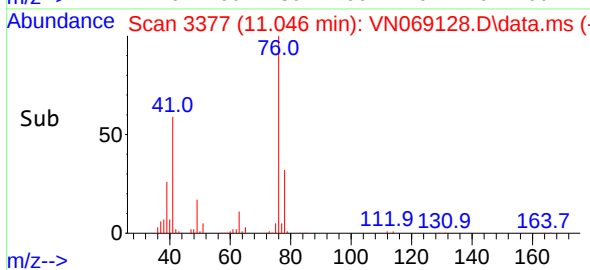
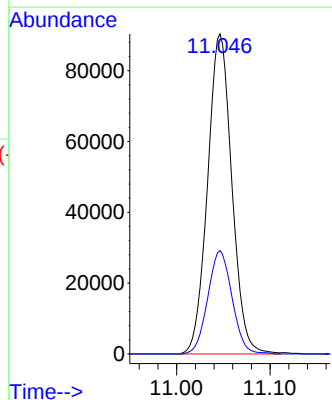
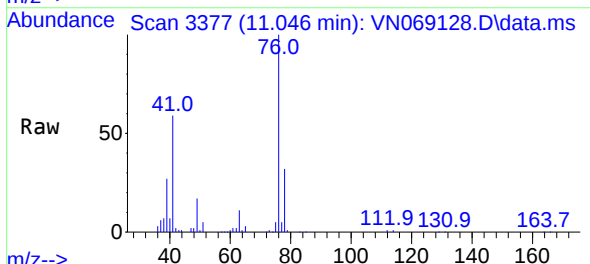
Manual Integrations
APPROVED

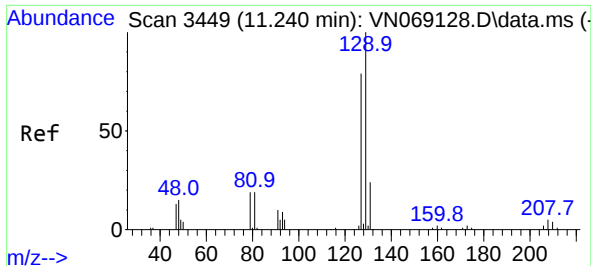
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
1,3-Dichloropropane
Concen: 19.855 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

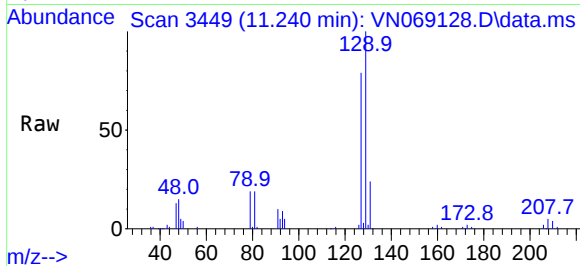
Tgt Ion: 76 Resp: 163098
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 17.571 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

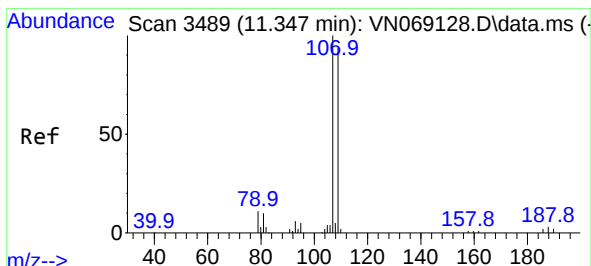
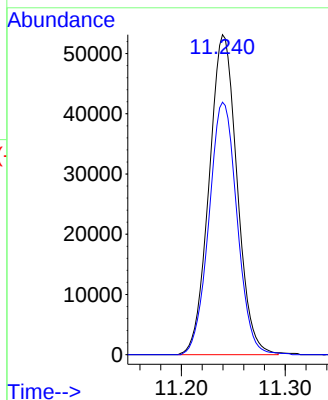
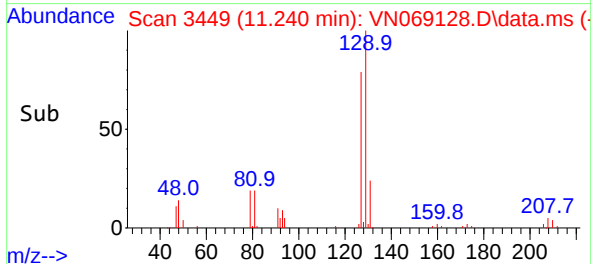
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



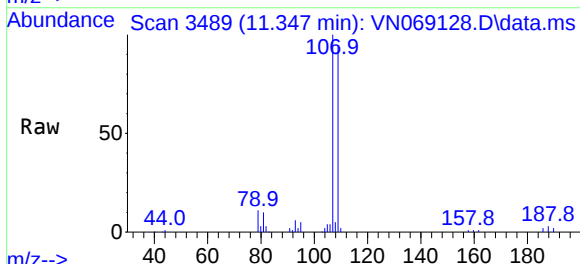
Tgt Ion:129 Resp: 9951
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

Manual Integrations
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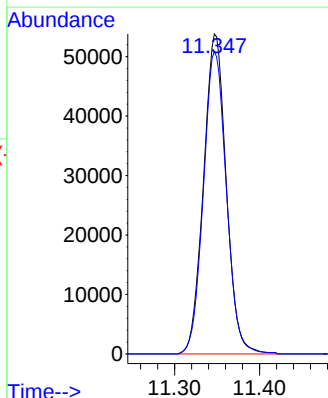
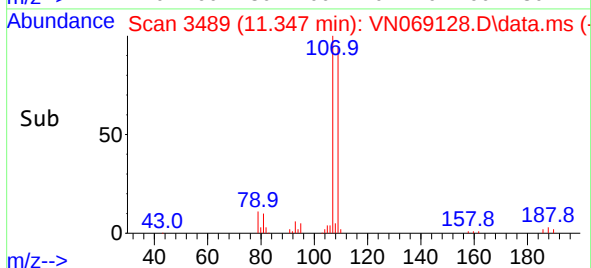
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

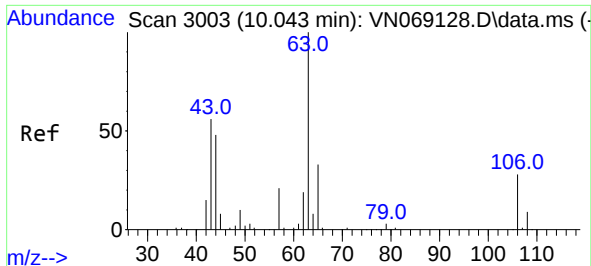


#54
1,2-Dibromoethane
Concen: 19.037 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion:107 Resp: 100021
Ion Ratio Lower Upper
107 100
109 95.7 72.8 109.2





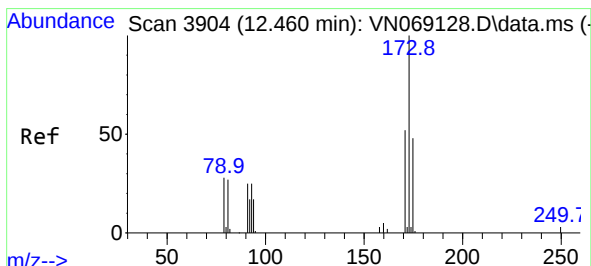
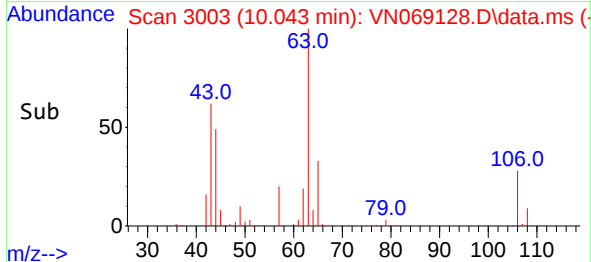
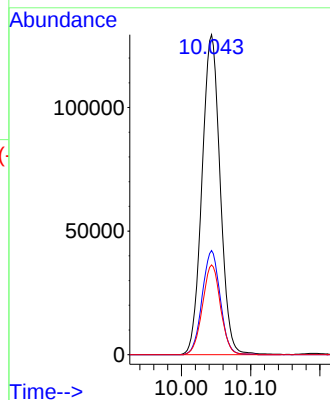
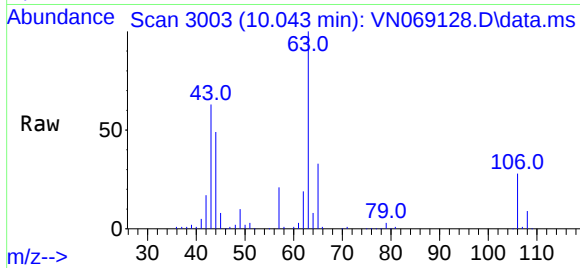
#55
2-Chloroethyl vinyl ether
Concen: 106.651 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 23570
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 28.0 23.2 34.8

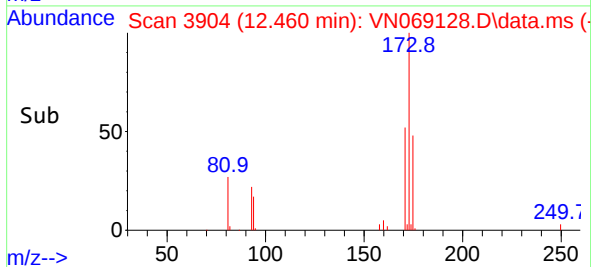
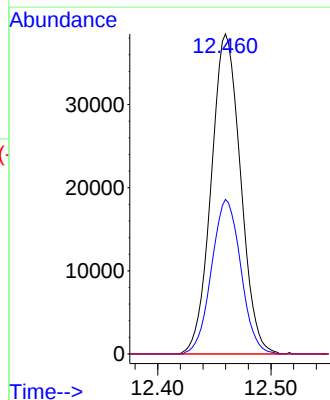
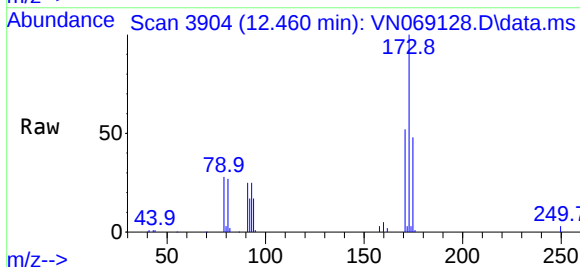
Manual Integrations
APPROVED

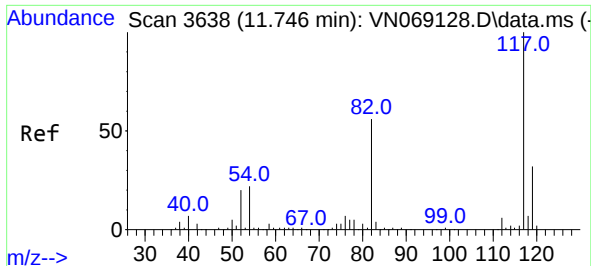
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
Bromoform
Concen: 16.956 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion:173 Resp: 69284
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0





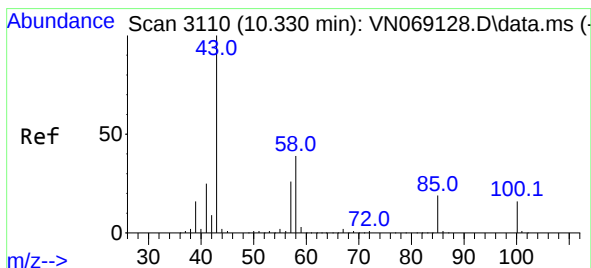
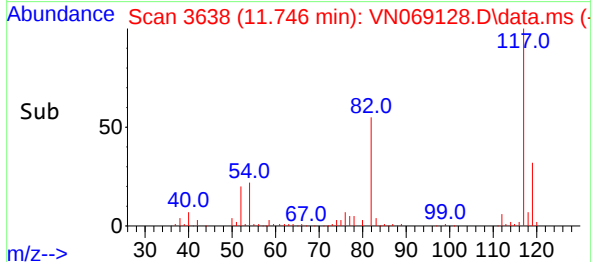
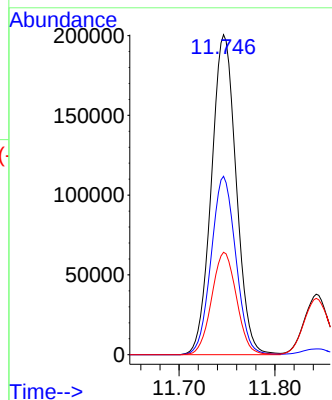
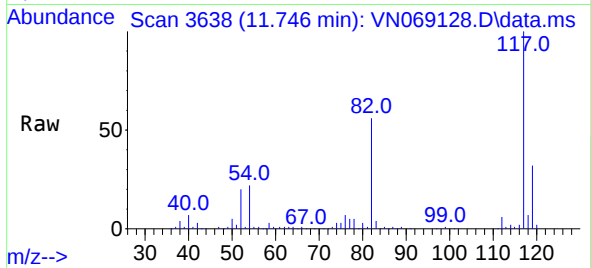
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 359673
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 32.2 25.8 38.6

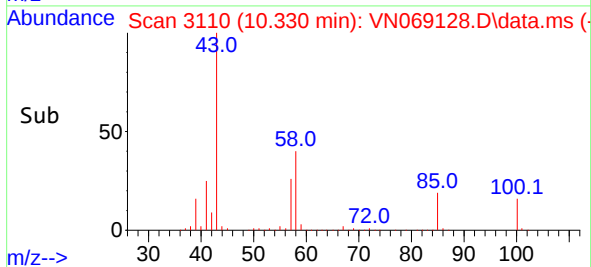
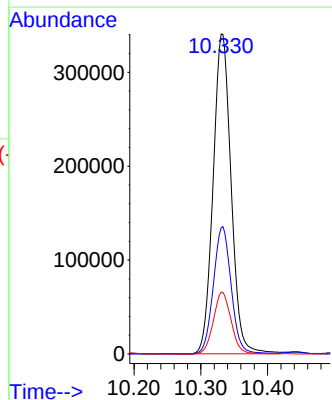
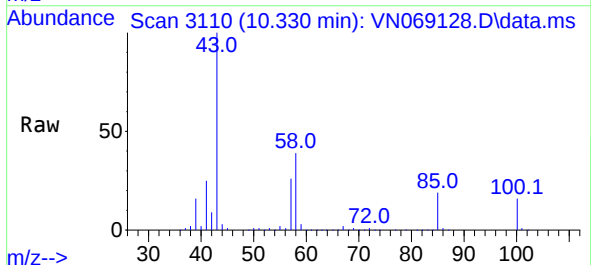
Manual Integrations
APPROVED

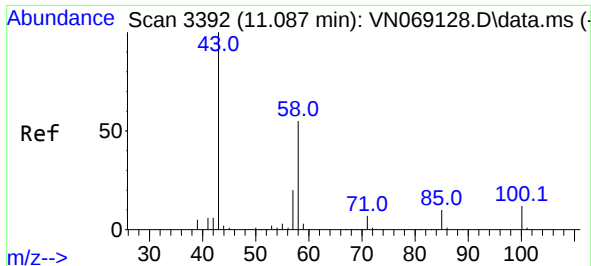
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#58
4-Methyl-2-Pentanone
Concen: 103.395 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

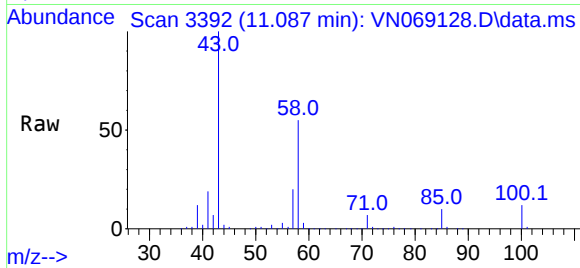
Tgt Ion: 43 Resp: 637773
Ion Ratio Lower Upper
43 100
58 39.5 30.0 45.0
85 19.1 15.0 22.6





#59
2-Hexanone
Concen: 108.662 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

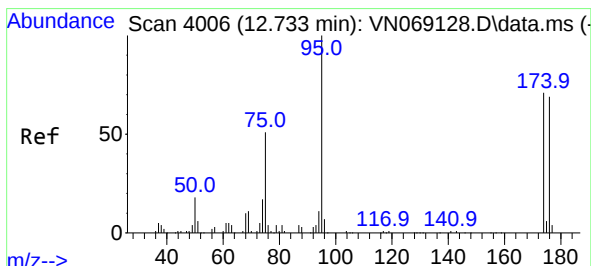
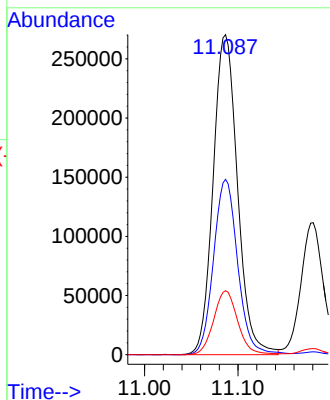
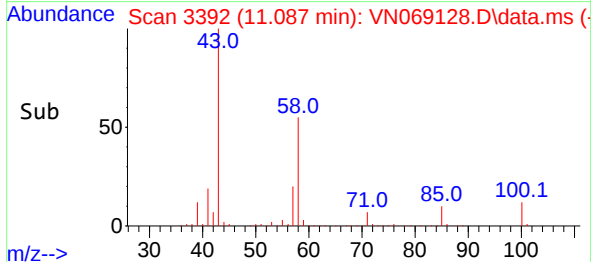
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



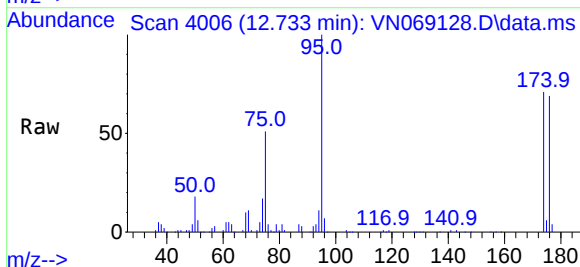
Tgt Ion: 43 Resp: 491034
Ion Ratio Lower Upper
43 100
58 54.4 42.2 63.2
57 19.8 15.0 22.4

Manual Integrations
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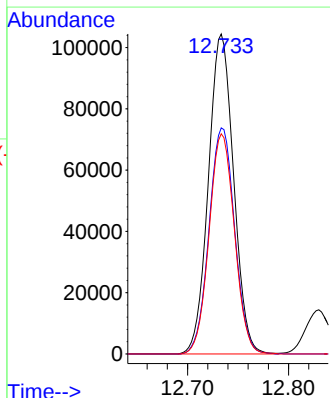
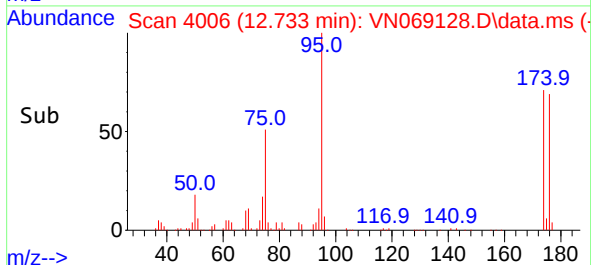
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

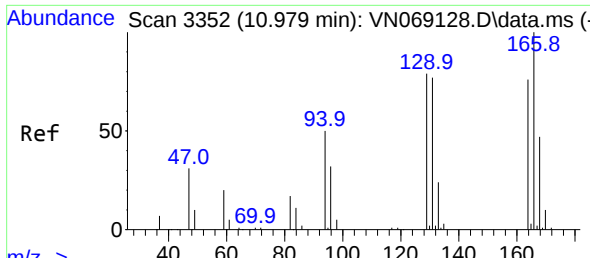


#60
4-Bromofluorobenzene
Concen: 31.378 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



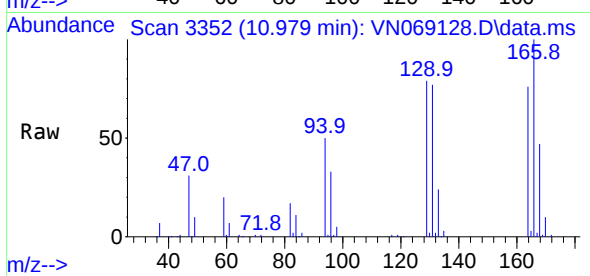
Tgt Ion: 95 Resp: 181027
Ion Ratio Lower Upper
95 100
174 71.9 62.9 94.3
176 69.2 61.0 91.4





#61
Tetrachloroethene
Concen: 19.274 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

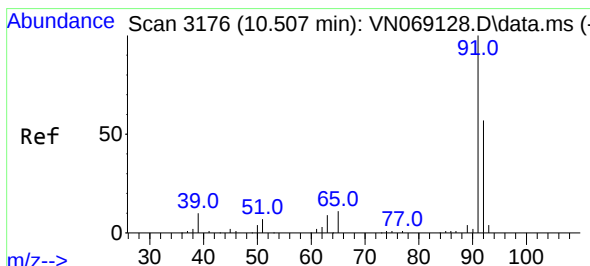
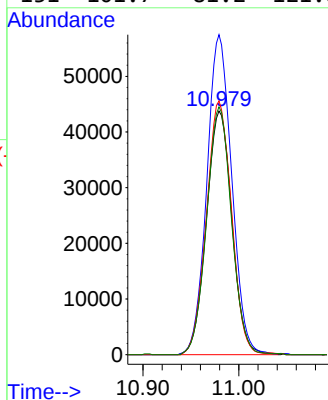
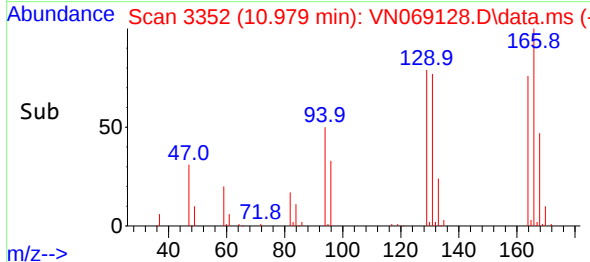
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



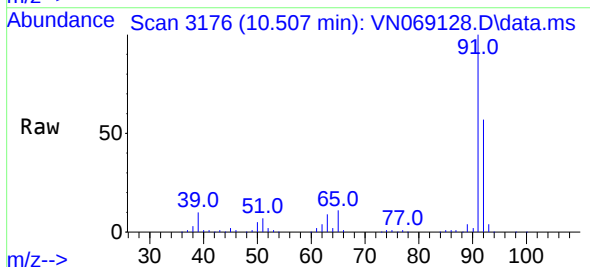
Tgt Ion:164 Resp: 8102
Ion Ratio Lower Upper
164 100
166 131.3 105.8 158.8
129 104.2 82.5 123.7
131 101.7 81.2 121.8

Manual Integrations
APPROVED

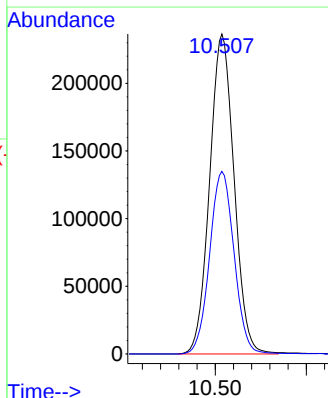
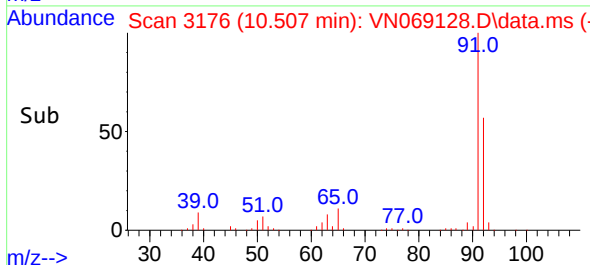
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

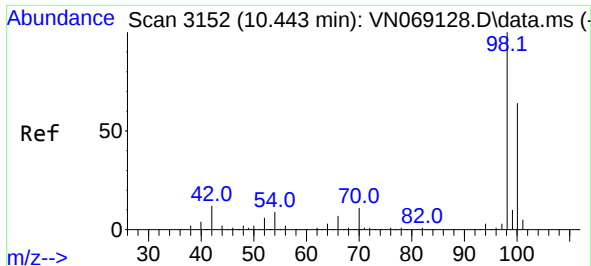


#62
Toluene
Concen: 20.266 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion: 91 Resp: 439709
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0





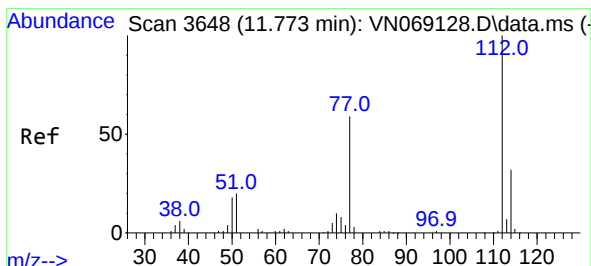
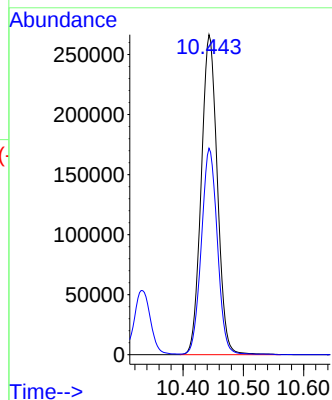
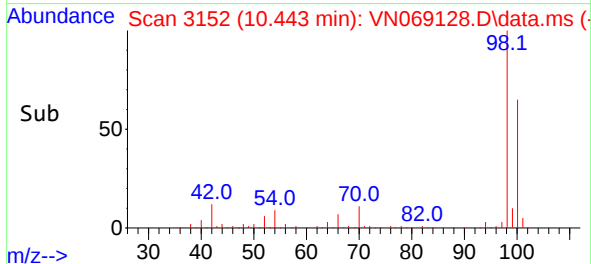
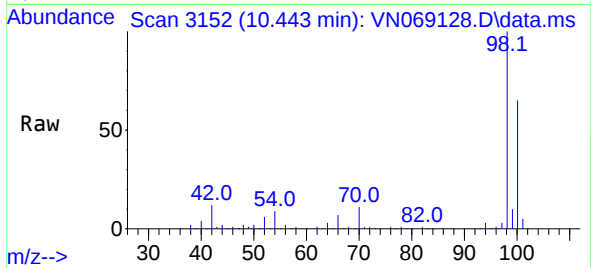
#63
Toluene-d8
Concen: 30.414 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 49439
Ion Ratio Lower Upper
98 100
100 63.8 50.6 76.0

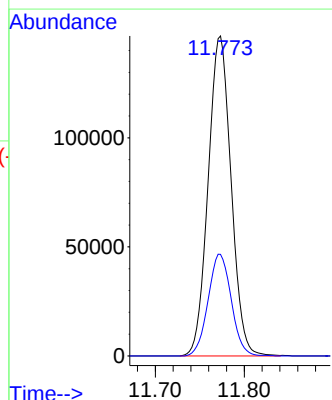
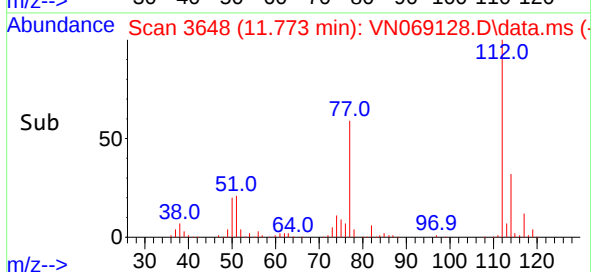
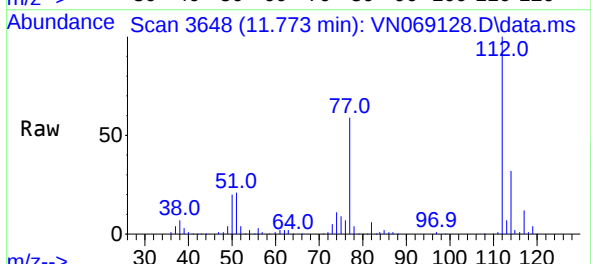
Manual Integrations
APPROVED

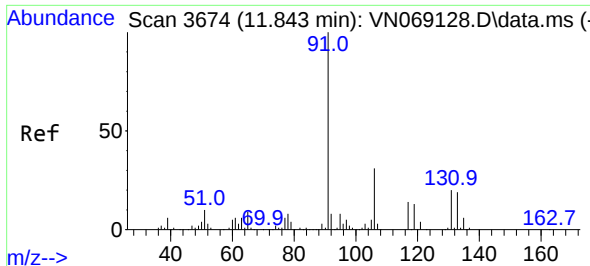
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Chlorobenzene
Concen: 19.733 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion:112 Resp: 262259
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6





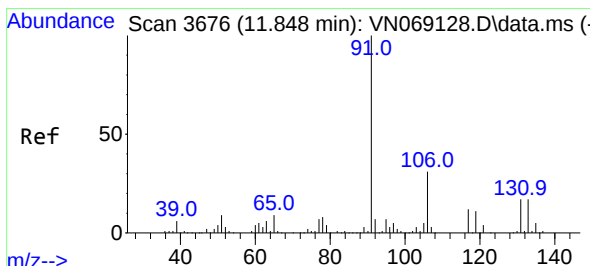
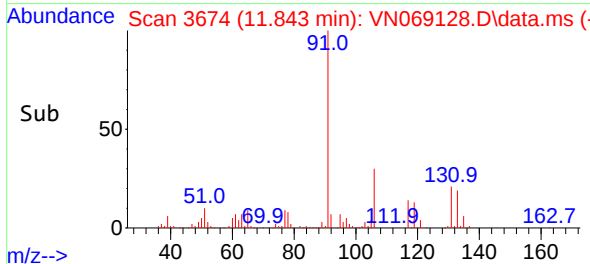
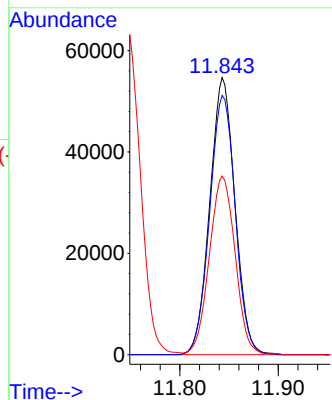
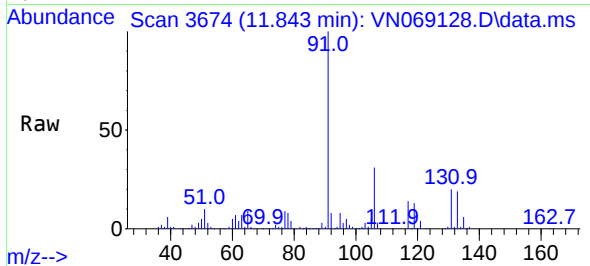
#65
1,1,1,2-Tetrachloroethane
Concen: 19.025 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 9712
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 66.2 0.0 128.8

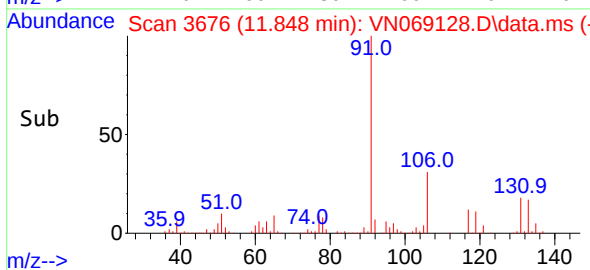
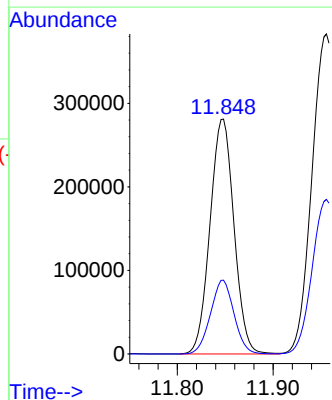
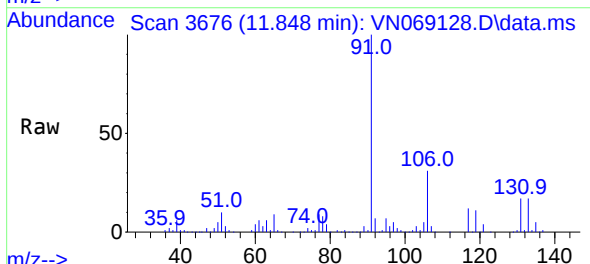
Manual Integrations
APPROVED

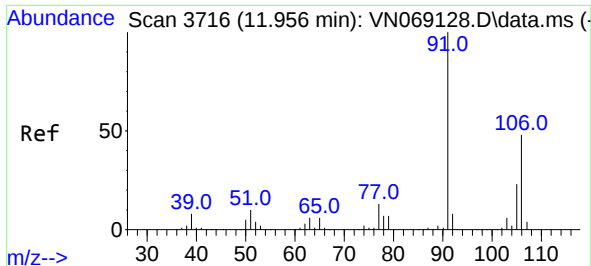
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
Ethyl Benzene
Concen: 19.942 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 91 Resp: 488572
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0





#67

m/p-Xylenes

Concen: 39.134 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.000 min

Lab File: VN069128.D

Acq: 22 Oct 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:106 Resp: 36933

Ion Ratio Lower Upper

106 100

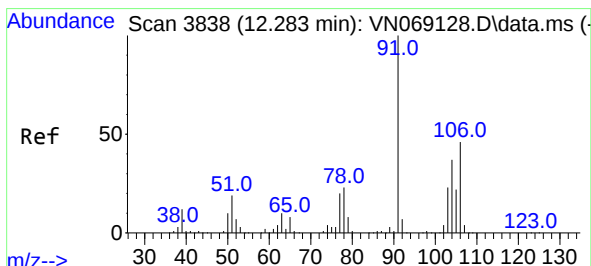
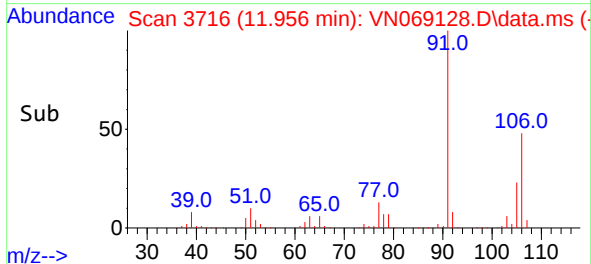
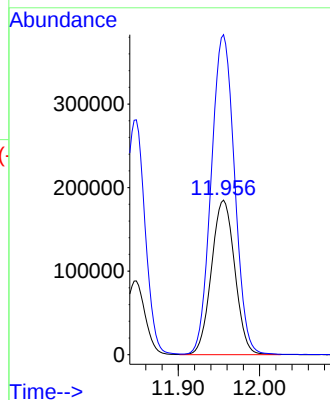
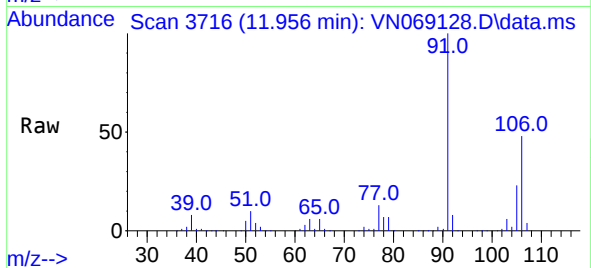
91 206.9 162.9 244.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#68

o-Xylene

Concen: 19.509 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. 0.000 min

Lab File: VN069128.D

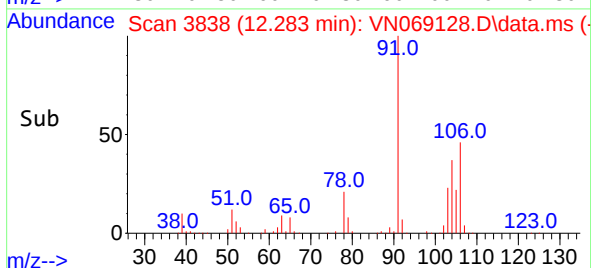
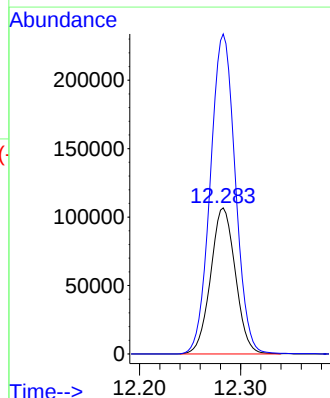
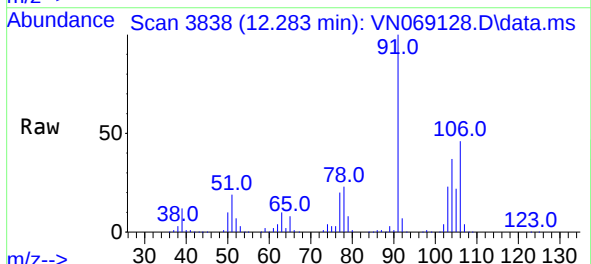
Acq: 22 Oct 2021 11:37

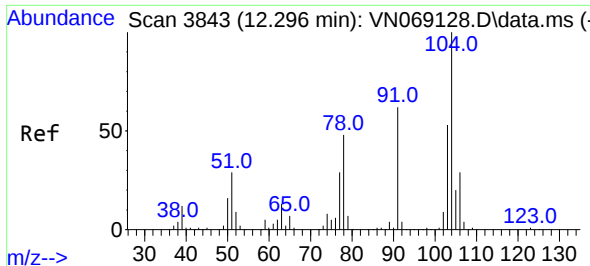
Tgt Ion:106 Resp: 181562

Ion Ratio Lower Upper

106 100

91 221.2 107.7 323.1





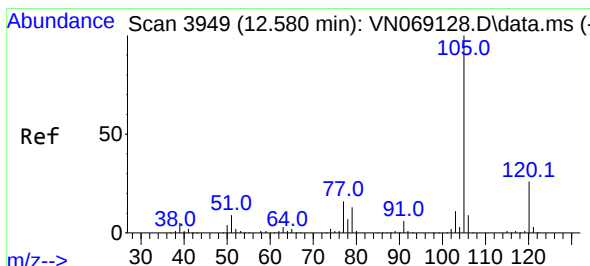
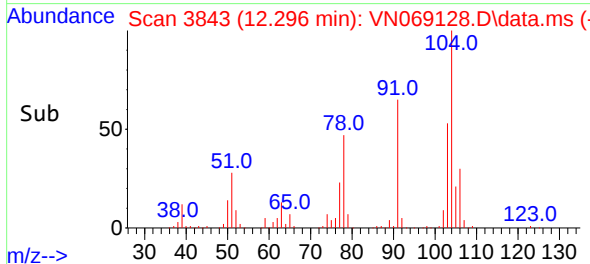
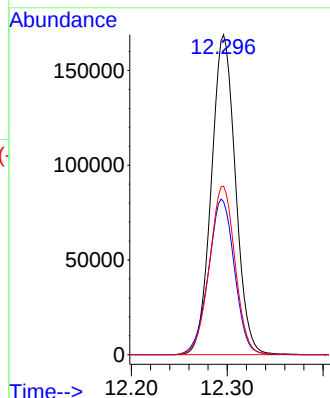
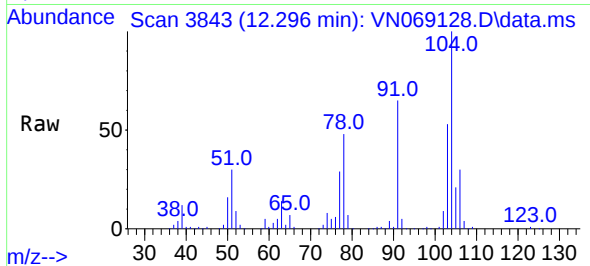
#69
Styrene
Concen: 19.197 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 294899
Ion Ratio Lower Upper
104 100
78 52.5 40.7 61.1
103 56.0 45.8 68.8

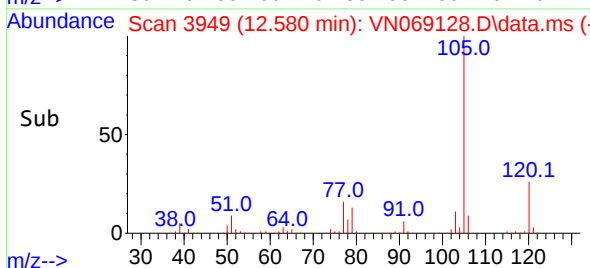
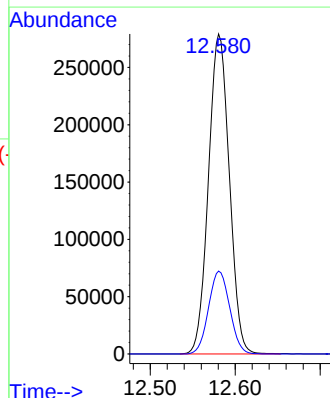
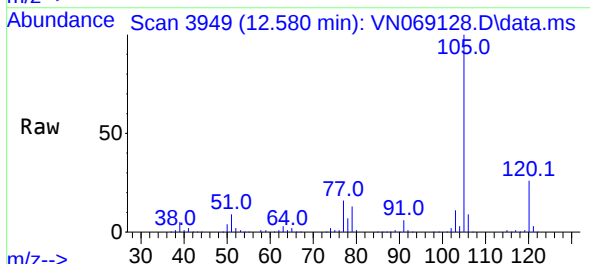
Manual Integrations
APPROVED

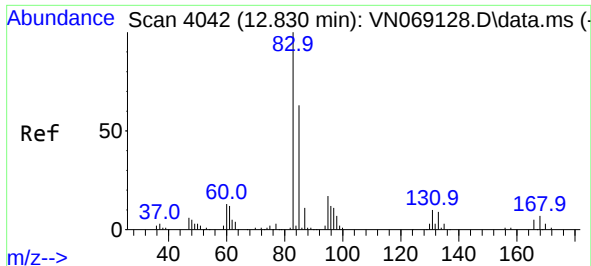
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#70
Isopropylbenzene
Concen: 19.329 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

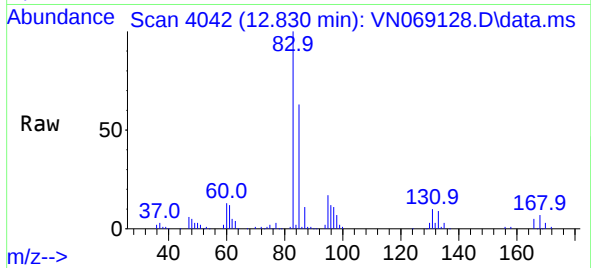
Tgt Ion:105 Resp: 475833
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.631 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

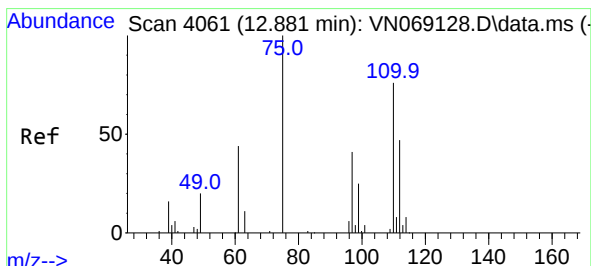
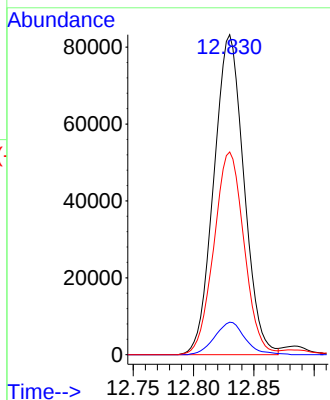
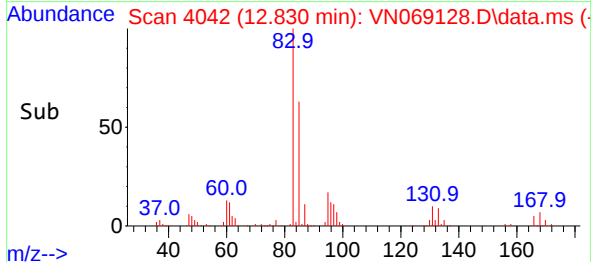
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 144380
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 63.6 33.1 99.2

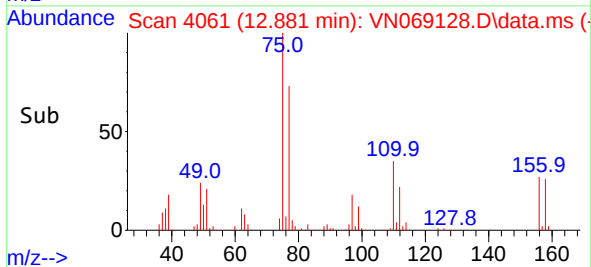
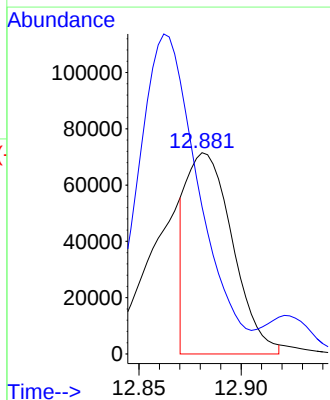
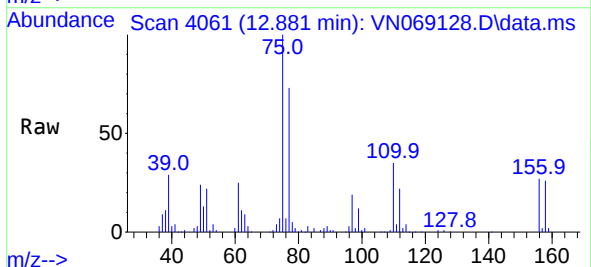
Manual Integrations
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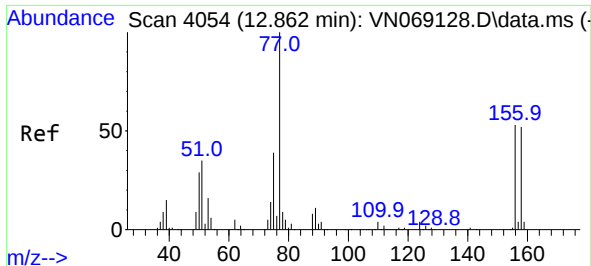
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#72
1,2,3-Trichloropropane
Concen: 19.402 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 75 Resp: 111534
Ion Ratio Lower Upper
75 100
77 210.9 0.0 378.0





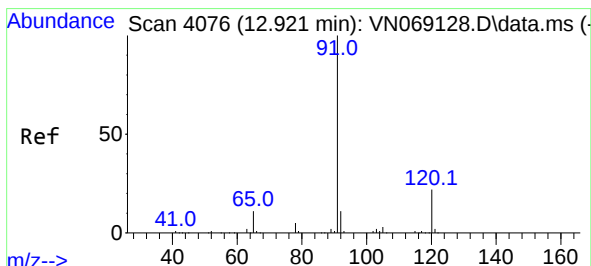
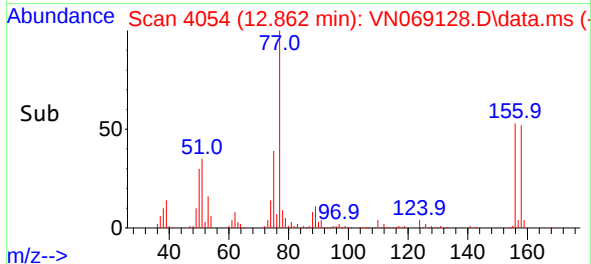
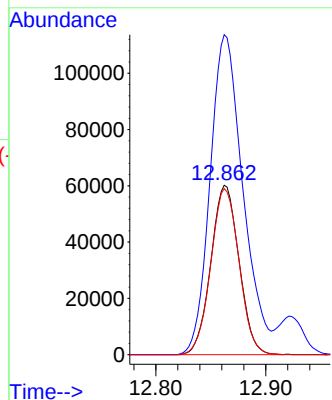
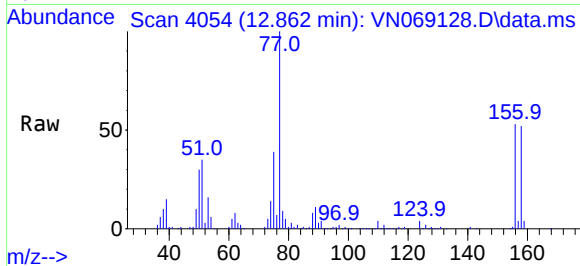
#73
Bromobenzene
Concen: 19.164 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 107098
Ion Ratio Lower Upper
156 100
77 219.6 0.0 416.0
158 98.3 0.0 195.4

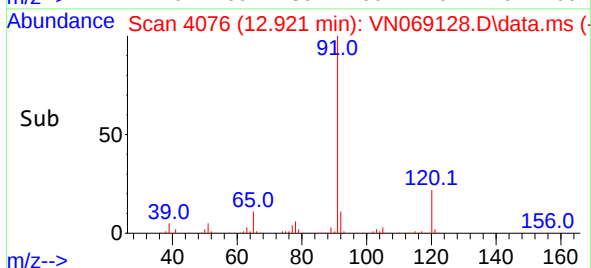
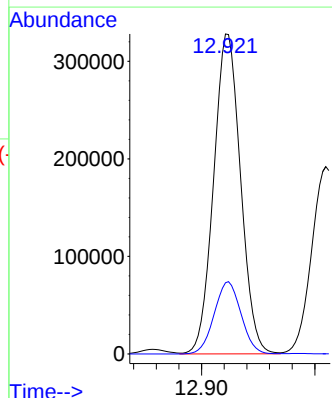
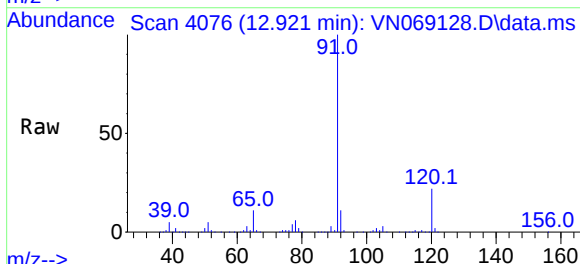
Manual Integrations
APPROVED

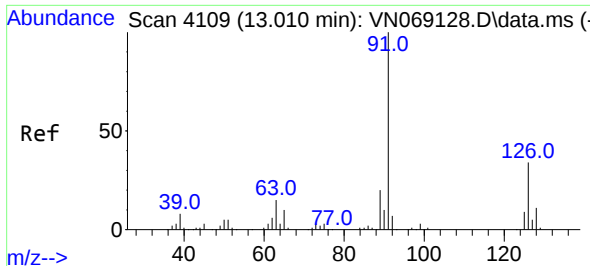
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#74
n-propylbenzene
Concen: 19.221 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 91 Resp: 541120
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





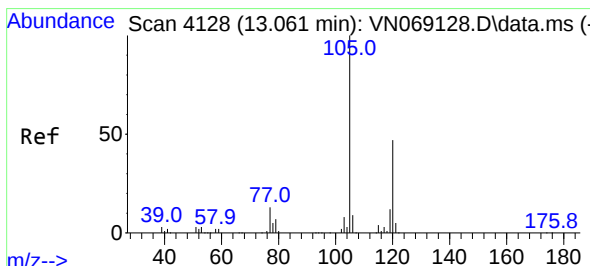
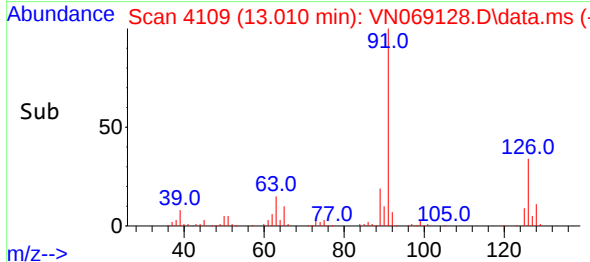
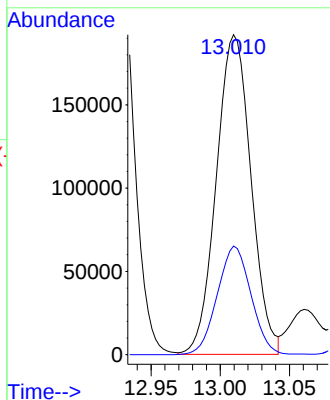
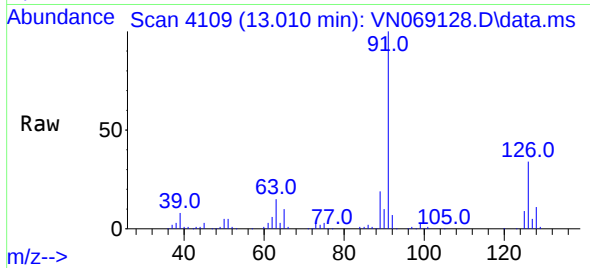
#75
2-Chlorotoluene
Concen: 20.137 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 335074
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

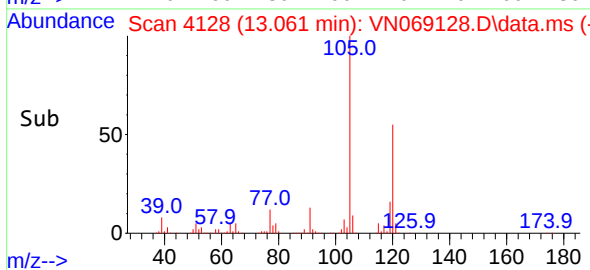
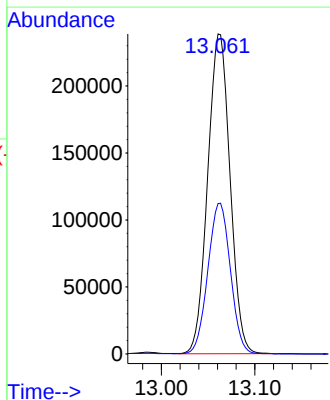
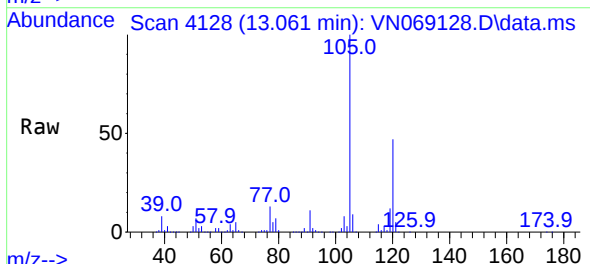
Manual Integrations
APPROVED

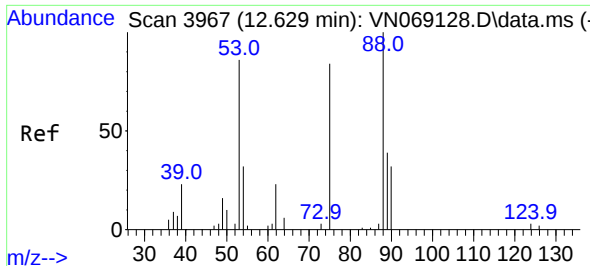
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.542 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion:105 Resp: 397207
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





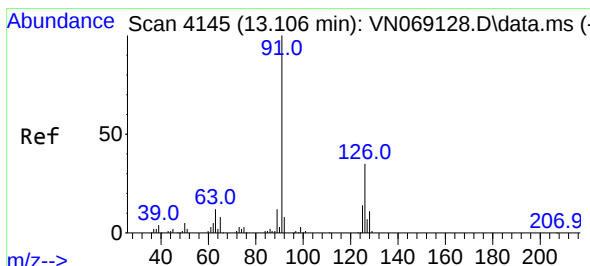
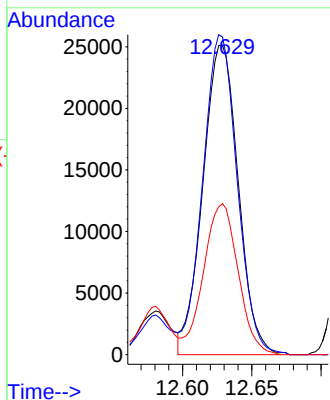
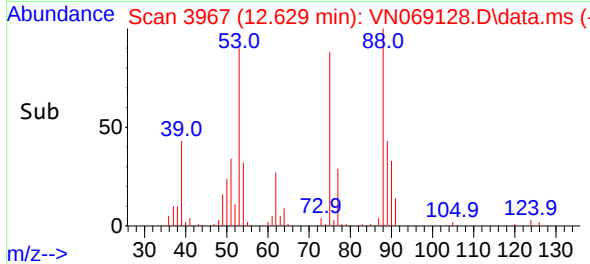
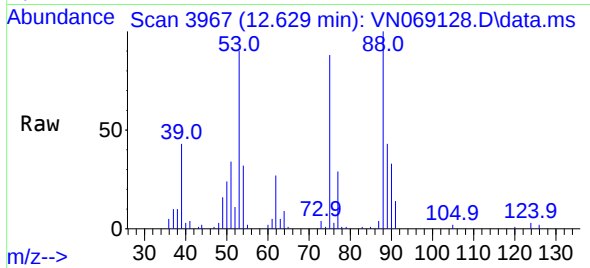
#77
t-1,4-Dichloro-2-butene
Concen: 20.053 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 4467
Ion Ratio Lower Upper
75 100
53 102.2 51.8 155.5
89 49.1 22.9 68.7

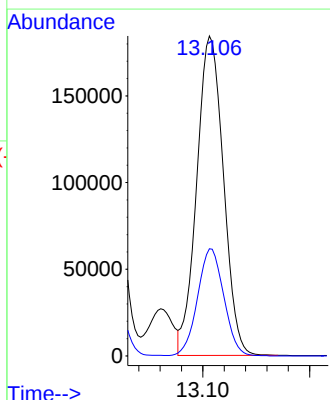
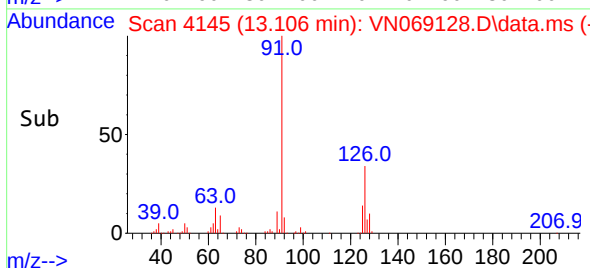
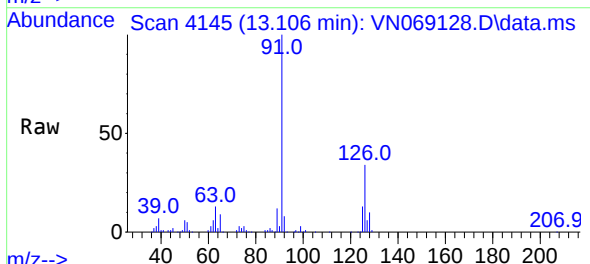
Manual Integrations
APPROVED

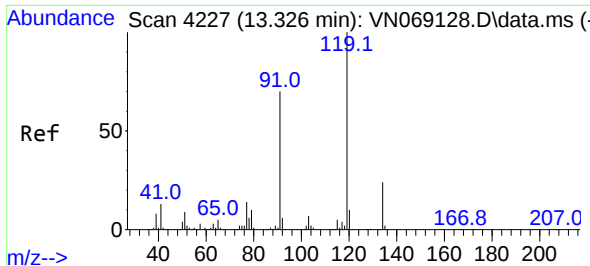
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#78
4-Chlorotoluene
Concen: 19.536 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Tgt Ion: 91 Resp: 319746
Ion Ratio Lower Upper
91 100
126 33.1 0.0 70.6





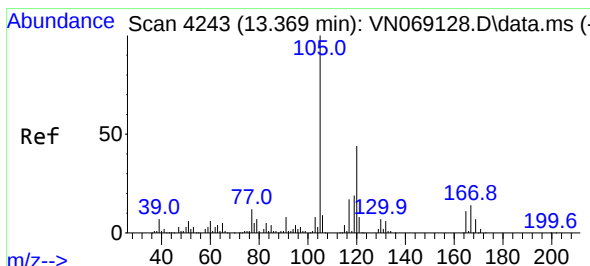
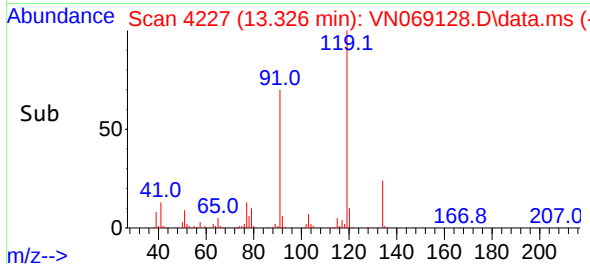
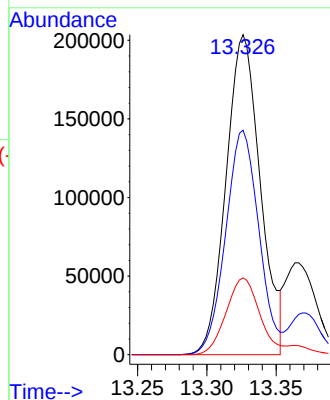
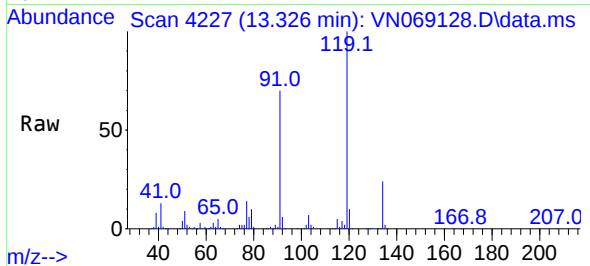
#79
tert-butylbenzene
Concen: 19.647 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 351119
Ion Ratio Lower Upper
119 100
91 67.9 0.0 137.0
134 23.5 0.0 47.6

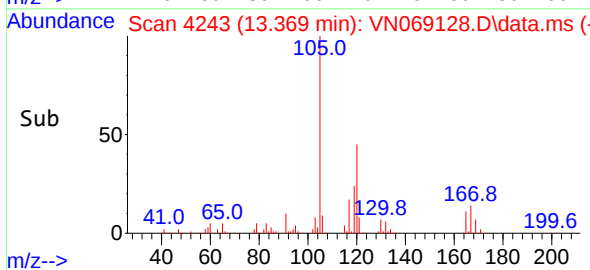
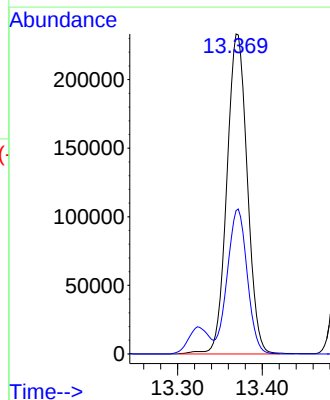
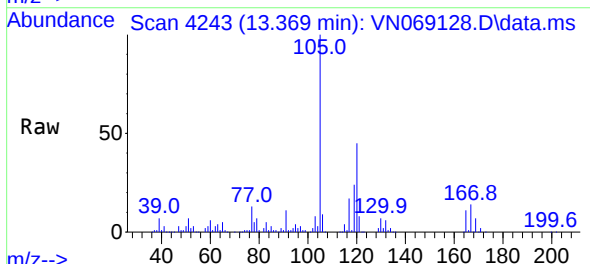
Manual Integrations
APPROVED

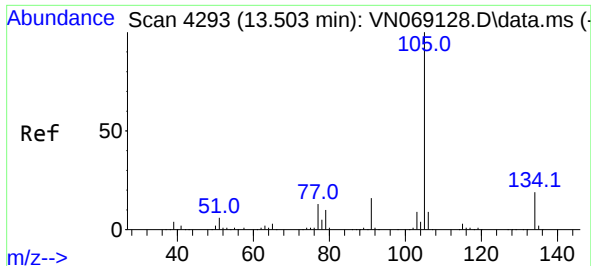
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
1,2,4-Trimethylbenzene
Concen: 19.379 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

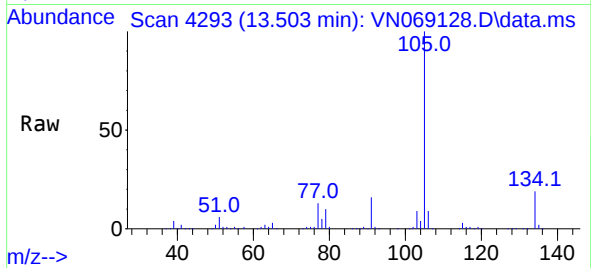
Tgt Ion:105 Resp: 390202
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.031 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069128.D
 Acq: 22 Oct 2021 11:37

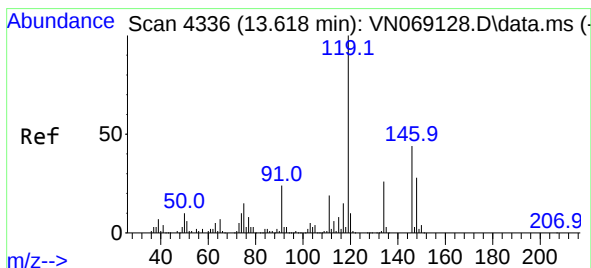
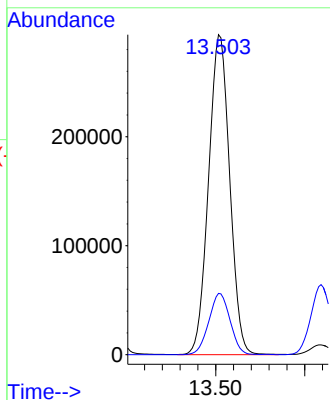
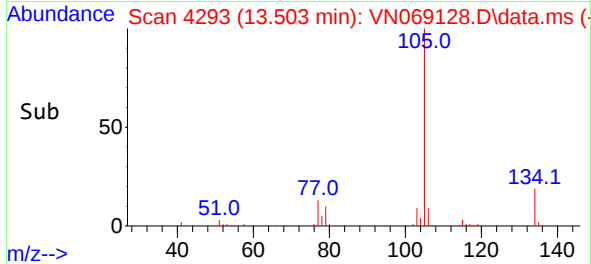
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



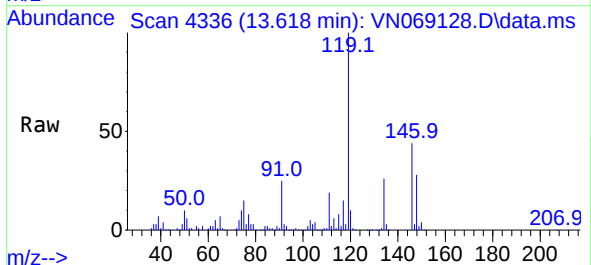
Tgt Ion:105 Resp: 48414
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
 APPROVED

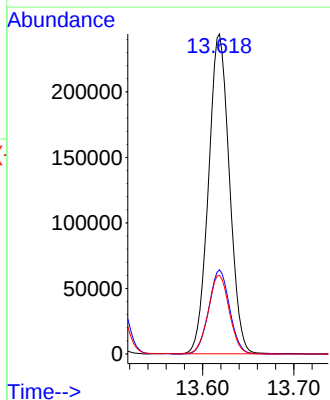
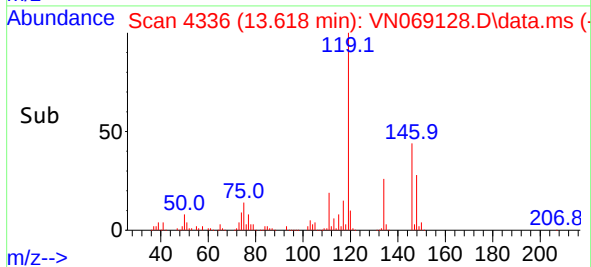
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

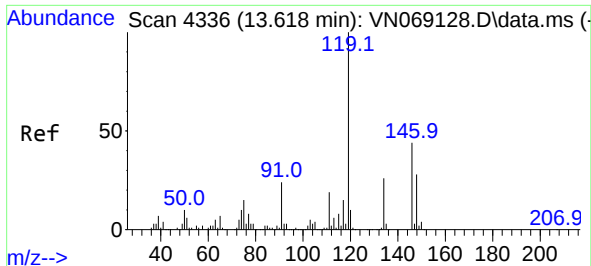


#82
 p-Isopropyltoluene
 Concen: 18.496 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069128.D
 Acq: 22 Oct 2021 11:37



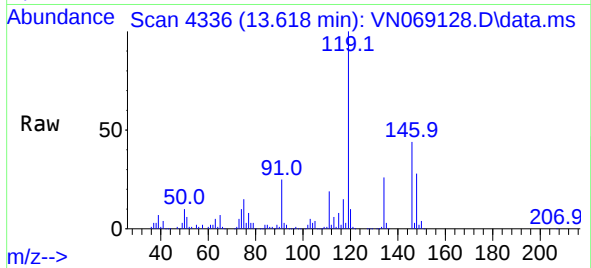
Tgt Ion:119 Resp: 388523
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 24.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 17.988 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

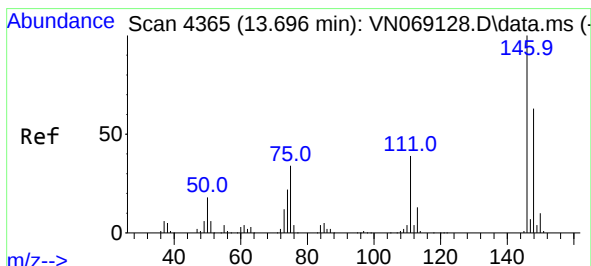
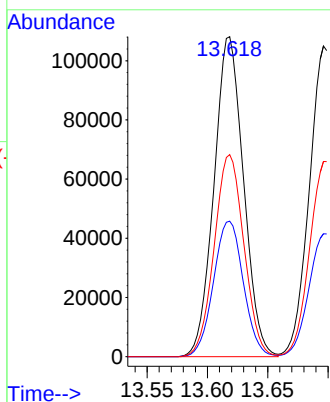
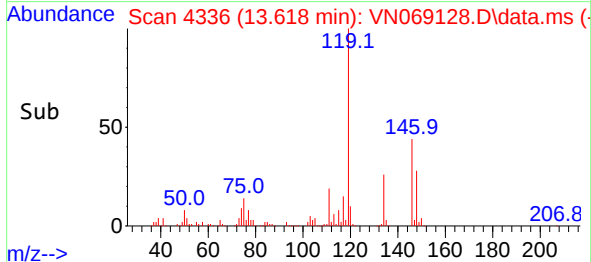
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



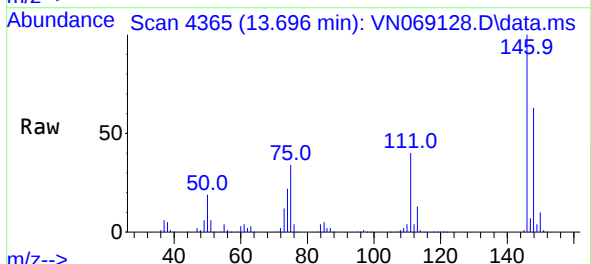
Tgt Ion:146 Resp: 18425
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 63.6 31.4 94.3

Manual Integrations
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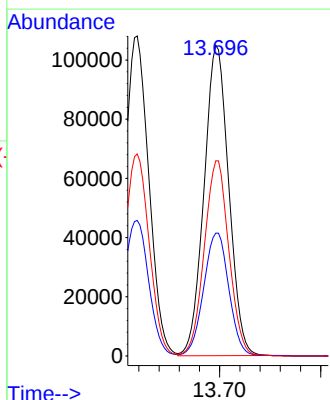
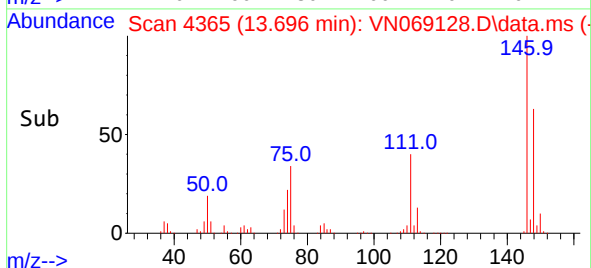
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

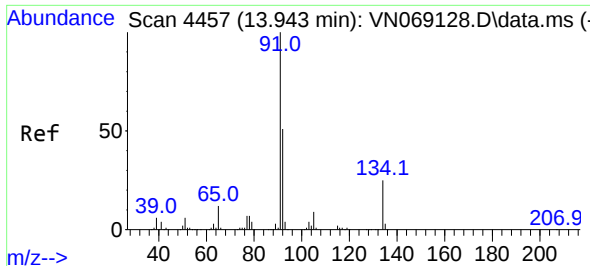


#84
1,4-Dichlorobenzene
Concen: 18.275 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



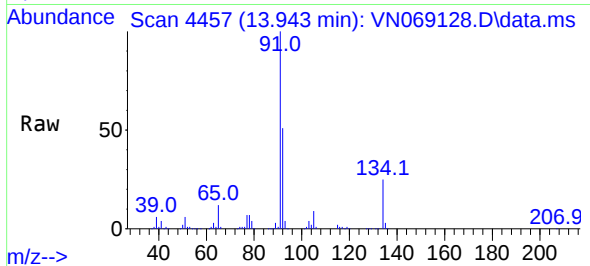
Tgt Ion:146 Resp: 177987
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 62.9 31.1 93.5





#85
n-Butylbenzene
Concen: 18.254 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

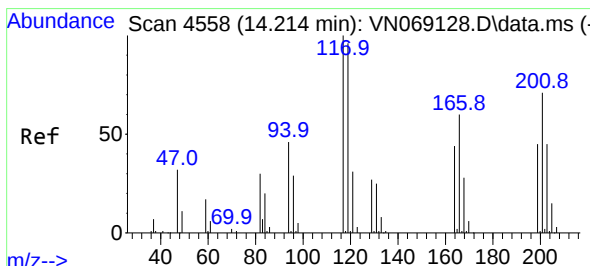
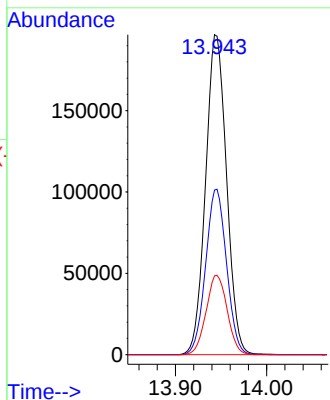
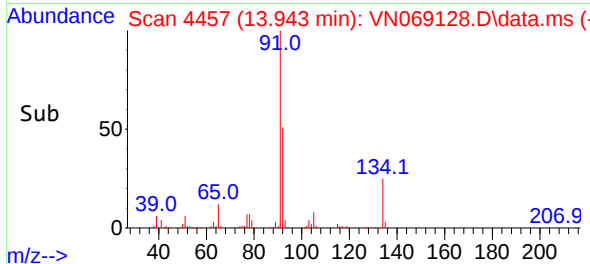
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 31435
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.6
134 24.9 0.0 50.2

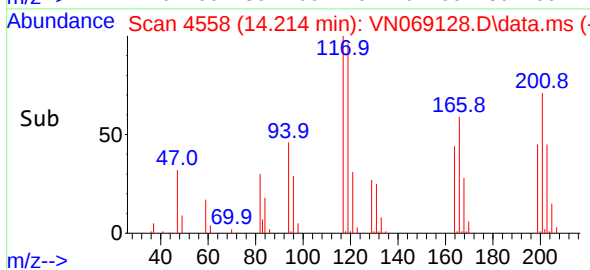
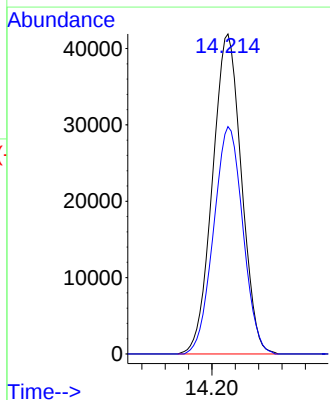
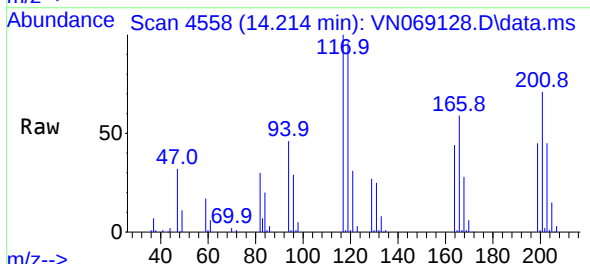
Manual Integrations
APPROVED

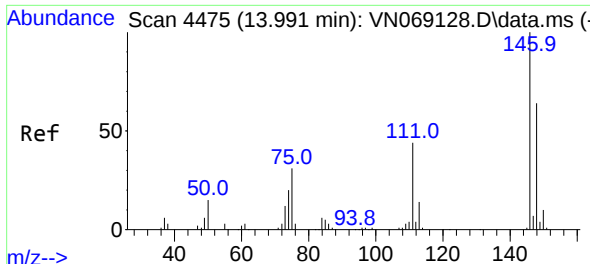
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#86
Hexachloroethane
Concen: 18.287 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

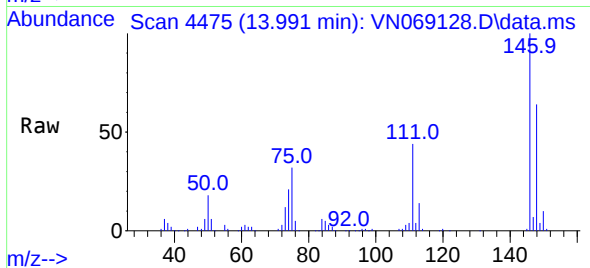
Tgt Ion:117 Resp: 72072
Ion Ratio Lower Upper
117 100
201 72.0 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.808 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

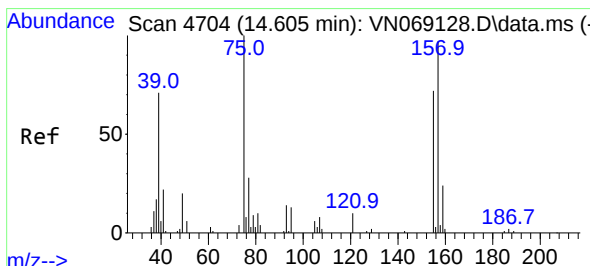
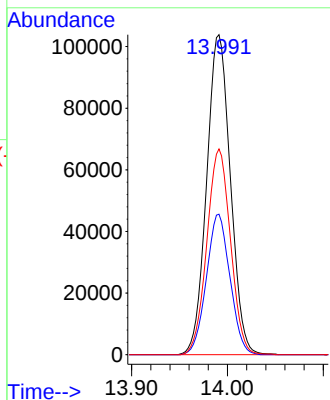
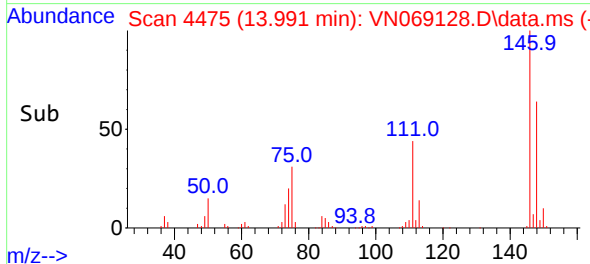
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



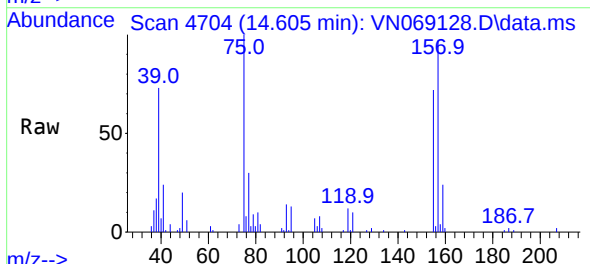
Tgt Ion:146 Resp: 17903
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 64.0 32.5 97.4

Manual Integrations
APPROVED

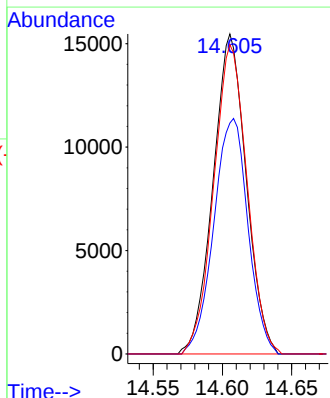
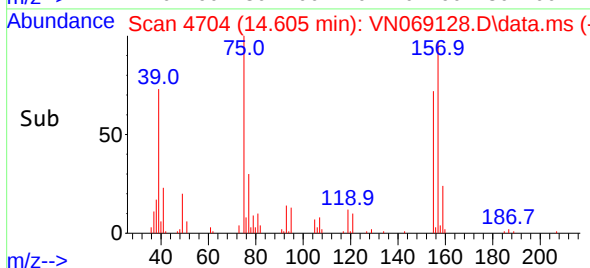
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

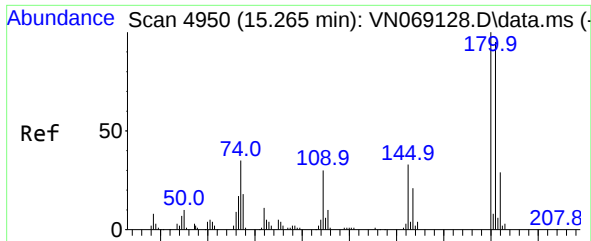


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.702 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



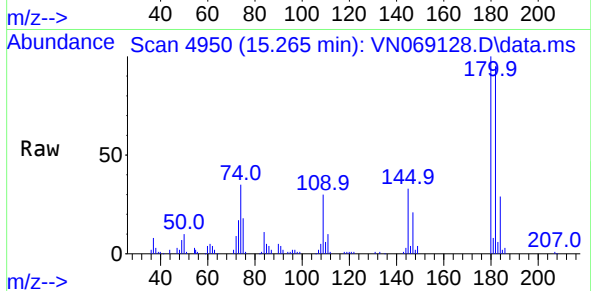
Tgt Ion: 75 Resp: 25702
Ion Ratio Lower Upper
75 100
155 76.1 63.8 95.8
157 97.2 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.122 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

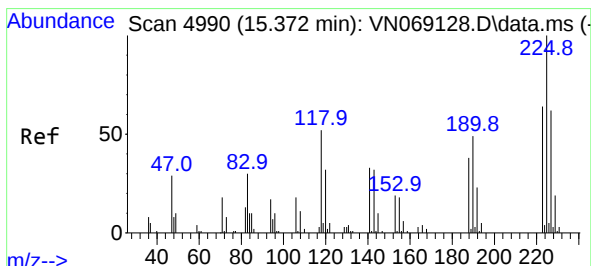
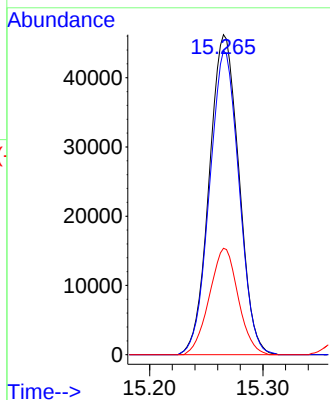
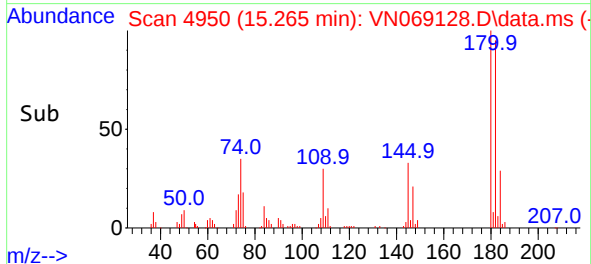
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



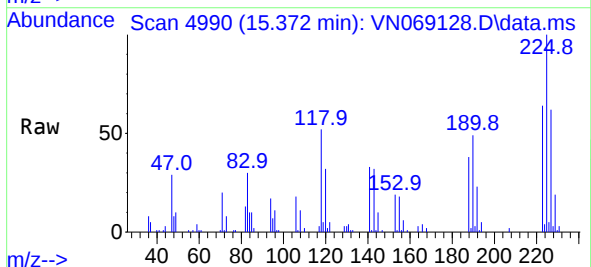
Tgt Ion:180 Resp: 8386
Ion Ratio Lower Upper
180 100
182 94.3 77.7 116.5
145 32.4 26.6 39.8

Manual Integrations
APPROVED

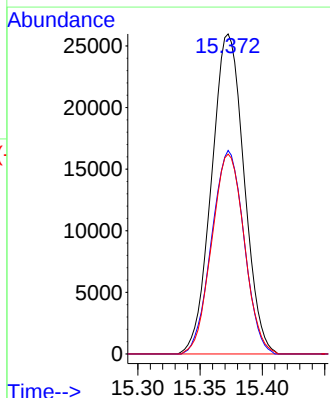
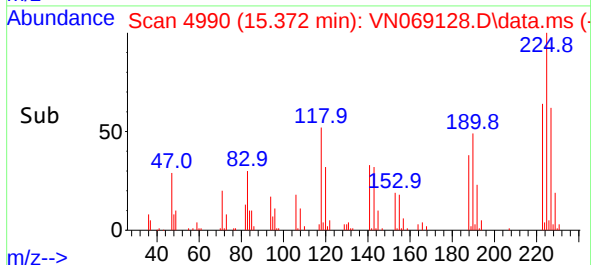
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

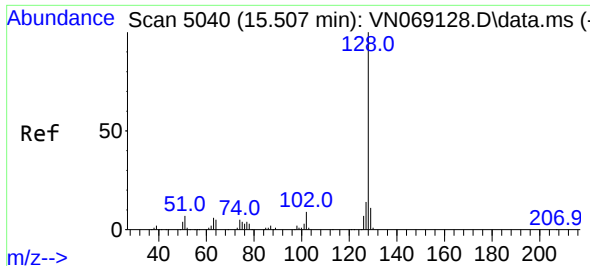


#90
Hexachlorobutadiene
Concen: 20.086 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



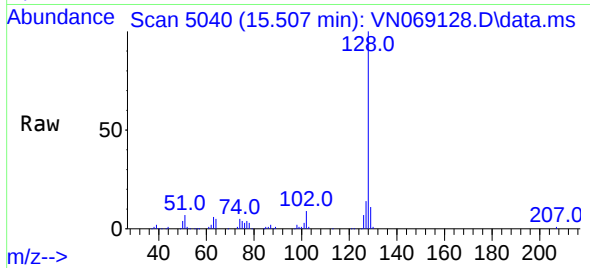
Tgt Ion:225 Resp: 47165
Ion Ratio Lower Upper
225 100
223 63.3 0.0 126.8
227 62.7 0.0 123.0





#91
Naphthalene
Concen: 18.529 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37

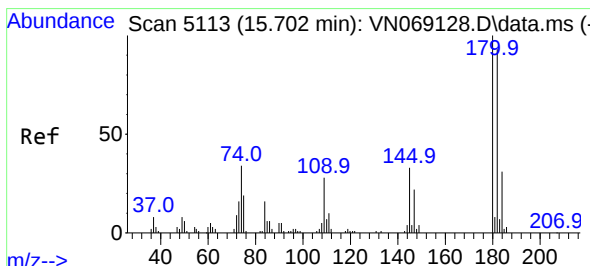
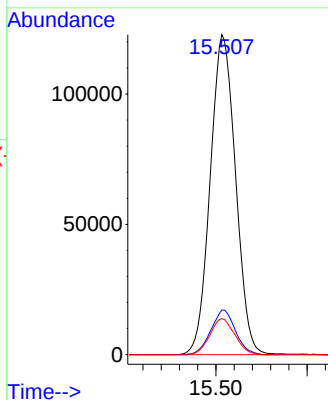
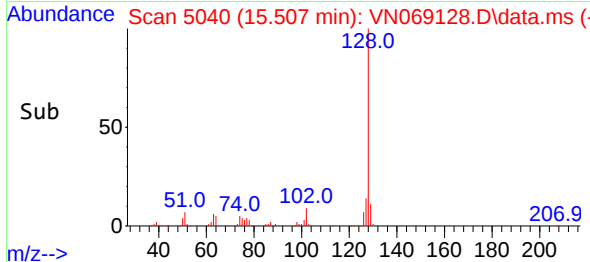
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



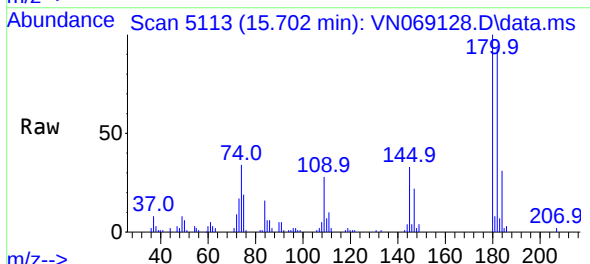
Tgt Ion:128 Resp: 236885
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#92
1,2,3-Trichlorobenzene
Concen: 18.535 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069128.D
Acq: 22 Oct 2021 11:37



Tgt Ion:180 Resp: 81468
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.0
145 34.1 0.0 67.8

