

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076288.D
 Acq On : 18 Jan 2023 10:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 19 00:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	366715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	524951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209196	50.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	8.171	113	192828	52.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.571	98	727354	53.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	251077	56.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	185246	49.294	ug/l	96
3) Chloromethane	2.371	50	175659	45.147	ug/l	96
4) Vinyl Chloride	2.530	62	233748	48.994	ug/l	99
5) Bromomethane	2.942	94	186279	47.679	ug/l	94
6) Chloroethane	3.118	64	164705	46.040	ug/l	97
7) Trichlorofluoromethane	3.506	101	313755	47.802	ug/l	98
8) Diethyl Ether	3.971	74	112022	50.884	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	182354	49.077	ug/l	99
10) Methyl Iodide	4.600	142	283675	49.981	ug/l	99
11) Tert butyl alcohol	5.542	59	125143	227.860	ug/l	99
12) 1,1-Dichloroethene	4.353	96	170234	48.466	ug/l	93
13) Acrolein	4.189	56	282035	429.405	ug/l	100
14) Allyl chloride	5.036	41	193119	47.180	ug/l	99
15) Acrylonitrile	5.730	53	354487	226.816	ug/l	99
16) Acetone	4.442	43	361628	274.743	ug/l	99
17) Carbon Disulfide	4.724	76	412083	47.118	ug/l	98
18) Methyl Acetate	5.036	43	198361	44.467	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	592926	51.852	ug/l	96
20) Methylene Chloride	5.289	84	186975	47.981	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	181758	47.766	ug/l	98
22) Diisopropyl ether	6.683	45	472066	48.904	ug/l	97
23) Vinyl Acetate	6.612	43	1587545	254.472	ug/l	98
24) 1,1-Dichloroethane	6.583	63	308289	47.913	ug/l	100
25) 2-Butanone	7.489	43	474733	236.145	ug/l	98
26) 2,2-Dichloropropane	7.500	77	283574	52.291	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	211058	47.556	ug/l	98
28) Bromochloromethane	7.818	49	122443	46.949	ug/l	98
29) Tetrahydrofuran	7.847	42	291056	234.580	ug/l	100
30) Chloroform	7.971	83	342920	48.165	ug/l	99
31) Cyclohexane	8.265	56	275982	43.754	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	322248	49.575	ug/l	95
36) 1,1-Dichloropropene	8.377	75	256065	49.287	ug/l	99
37) Ethyl Acetate	7.571	43	189272	45.423	ug/l	98
38) Carbon Tetrachloride	8.365	117	288305	49.762	ug/l	100
39) Methylcyclohexane	9.606	83	333785	52.611	ug/l	100
40) Benzene	8.612	78	752748	48.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	102819	47.123	ug/l	97
42) 1,2-Dichloroethane	8.677	62	252462	47.498	ug/l	100
43) Isopropyl Acetate	8.694	43	332924	49.110	ug/l	99
44) Trichloroethene	9.353	130	214863	48.902	ug/l	98
45) 1,2-Dichloropropane	9.624	63	178484	47.987	ug/l	98
46) Dibromomethane	9.712	93	135171	48.135	ug/l	98
47) Bromodichloromethane	9.888	83	272408	50.015	ug/l	98
48) Methyl methacrylate	9.682	41	154360	48.097	ug/l	99
49) 1,4-Dioxane	9.700	88	66005	974.686	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	955238	240.033	ug/l	100
52) Toluene	10.635	92	507152	48.817	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	285229	54.935	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	312140	52.256	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	195862	49.324	ug/l	98
56) Ethyl methacrylate	10.877	69	277967	54.221	ug/l	98
57) 1,3-Dichloropropane	11.165	76	314149	48.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	473803	273.764	ug/l	100
59) 2-Hexanone	11.200	43	723540	250.894	ug/l	99
60) Dibromochloromethane	11.365	129	225787	54.014	ug/l	99
61) 1,2-Dibromoethane	11.471	107	199819	50.413	ug/l	100
64) Tetrachloroethene	11.106	164	217054	45.849	ug/l	99
65) Chlorobenzene	11.894	112	548567	49.435	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	210551	50.997	ug/l	99
67) Ethyl Benzene	11.965	91	991362	52.199	ug/l	99
68) m/p-Xylenes	12.076	106	798517	104.854	ug/l	98
69) o-Xylene	12.400	106	393190	52.575	ug/l	99
70) Styrene	12.412	104	639105	53.521	ug/l	99
71) Bromoform	12.582	173	157710	52.894	ug/l #	99
73) Isopropylbenzene	12.700	105	1021710	50.349	ug/l	100
74) N-amyl acetate	12.494	43	295094	50.554	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	264771	45.387	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	238259m	49.856	ug/l	
77) Bromobenzene	12.982	156	237770	50.118	ug/l	98
78) n-propylbenzene	13.035	91	1164508	50.859	ug/l	100
79) 2-Chlorotoluene	13.129	91	674411	47.999	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	860415	50.612	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	82861	52.558	ug/l	96
82) 4-Chlorotoluene	13.129	91	674411	47.999	ug/l	98
83) tert-Butylbenzene	13.441	119	754129	49.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	867587	50.894	ug/l	100
85) sec-Butylbenzene	13.618	105	1083552	51.645	ug/l	100
86) p-Isopropyltoluene	13.735	119	933590	54.113	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	460999	48.199	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	456489	50.172	ug/l	100
89) n-Butylbenzene	14.059	91	765518	55.895	ug/l	99
90) Hexachloroethane	14.335	117	157365	52.848	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	452750	47.526	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49013	48.335	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	244153	52.962	ug/l	99
94) Hexachlorobutadiene	15.506	225	124047	49.069	ug/l	94
95) Naphthalene	15.641	128	675956	49.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	225611	51.387	ug/l	100

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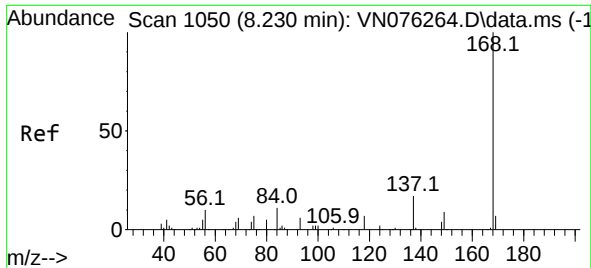
Manual Integrations
APPROVED

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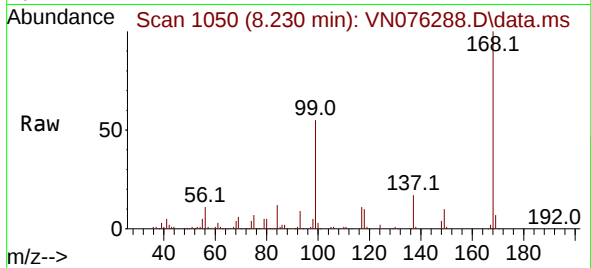
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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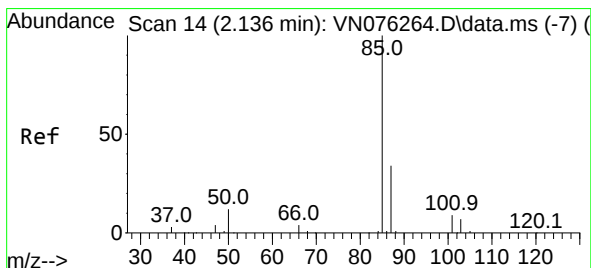
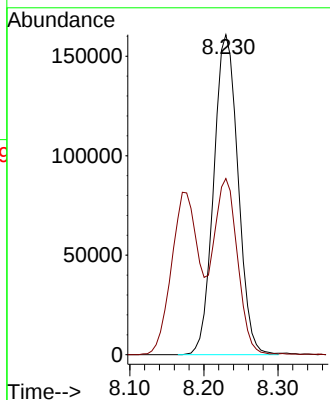
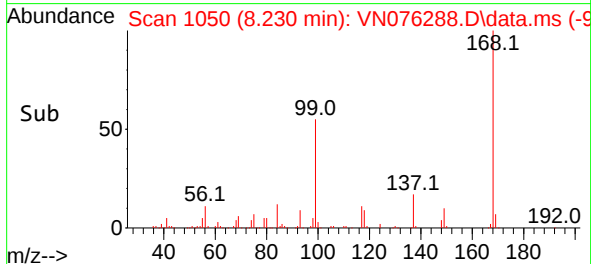
Instrument :
MSVOA_N
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VSTDCCC050



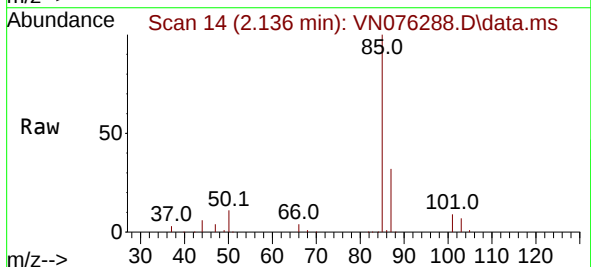
Tgt Ion:168 Resp: 366715
Ion Ratio Lower Upper
168 100
99 54.8 41.6 62.4

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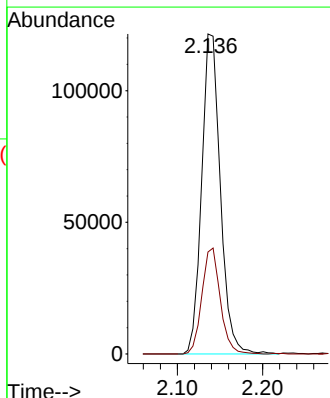
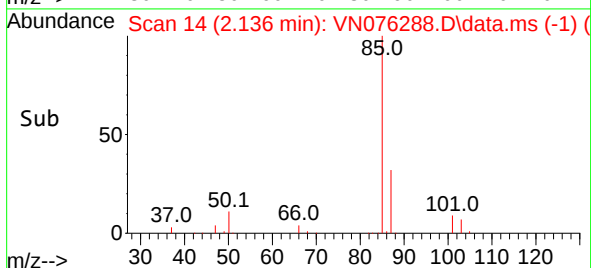
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#2
Dichlorodifluoromethane
Concen: 49.294 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion: 85 Resp: 185246
Ion Ratio Lower Upper
85 100
87 31.9 17.1 51.2





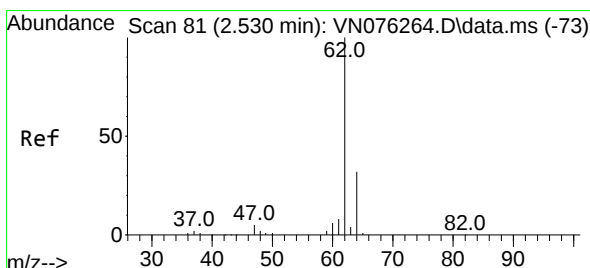
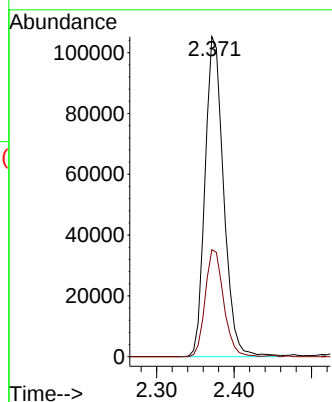
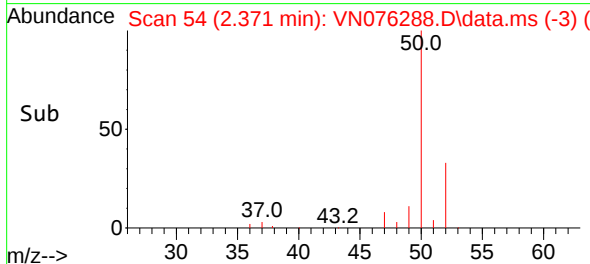
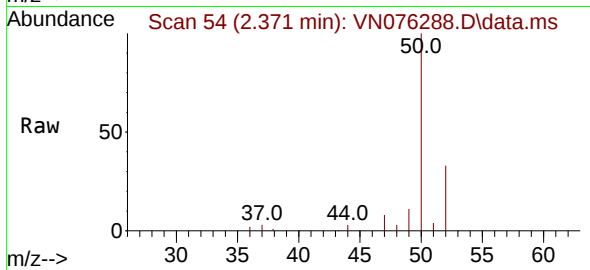
#3
Chloromethane
Concen: 45.147 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076288.D
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Instrument :
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Tgt Ion: 50 Resp: 175659
Ion Ratio Lower Upper
50 100
52 33.4 24.8 37.2

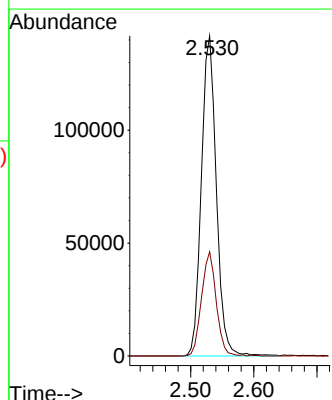
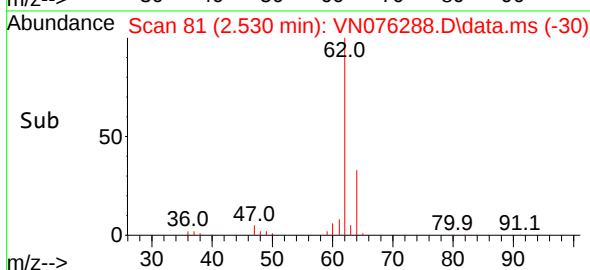
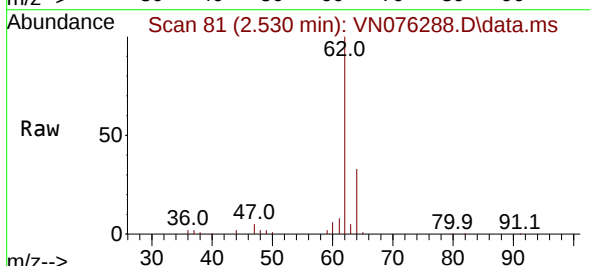
Manual Integrations
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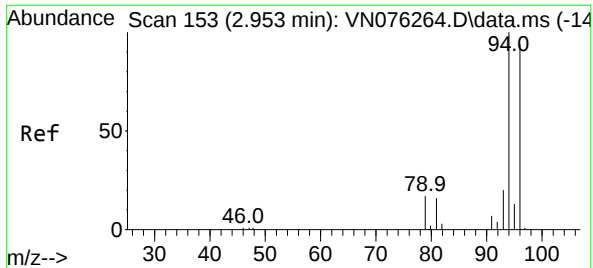
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 48.994 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

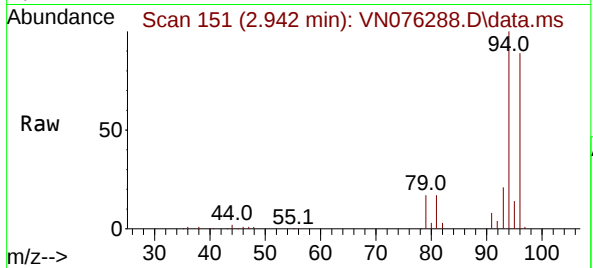
Tgt Ion: 62 Resp: 233748
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 47.679 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

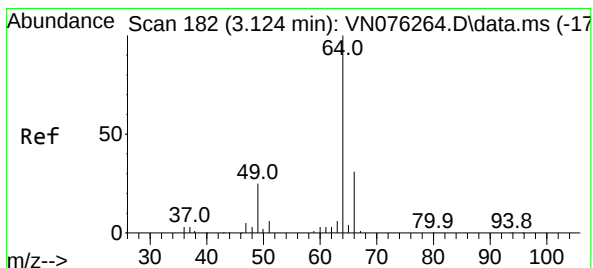
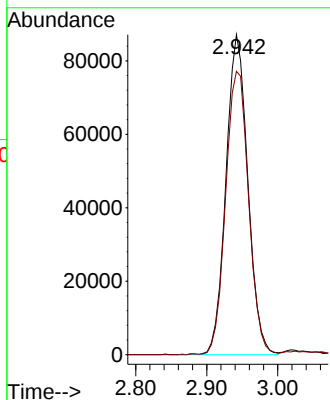
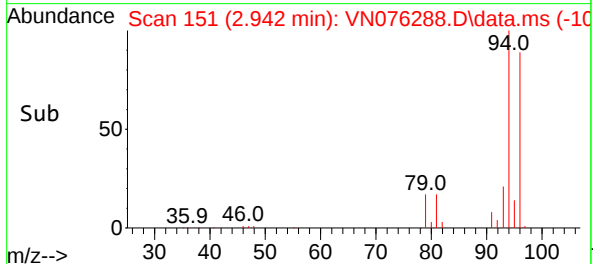
Instrument :
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Tgt Ion: 94 Resp: 186279
Ion Ratio Lower Upper
94 100
96 88.5 75.1 112.7

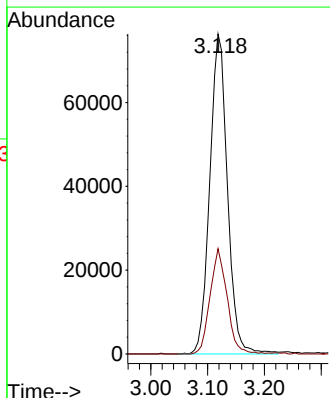
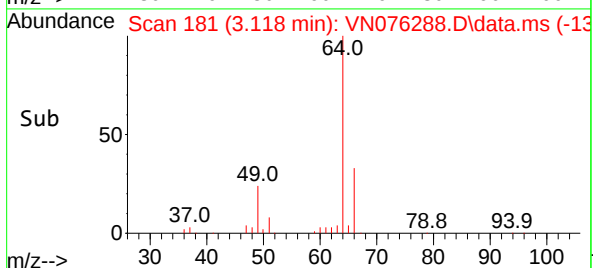
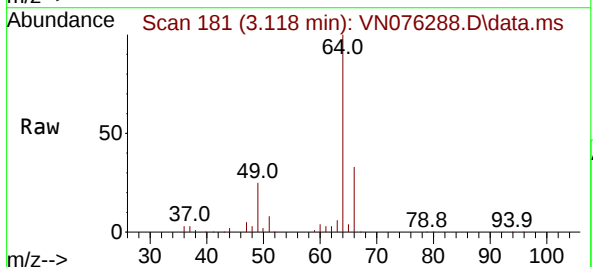
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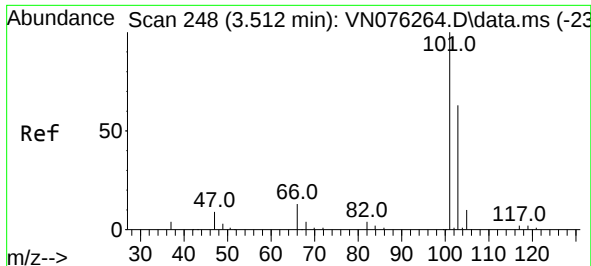
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 46.040 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion: 64 Resp: 164705
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2





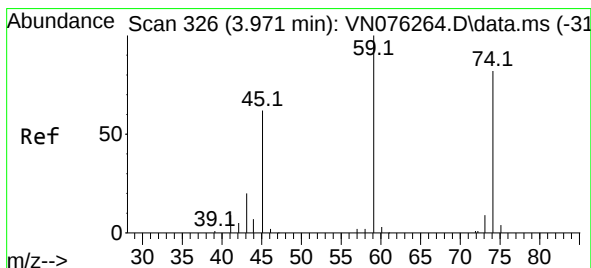
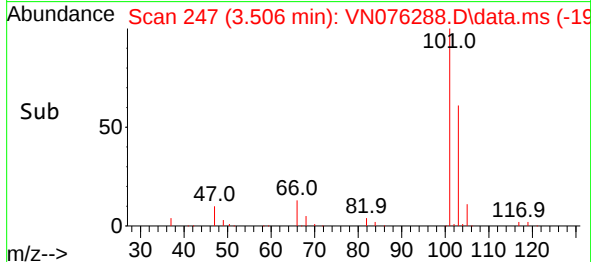
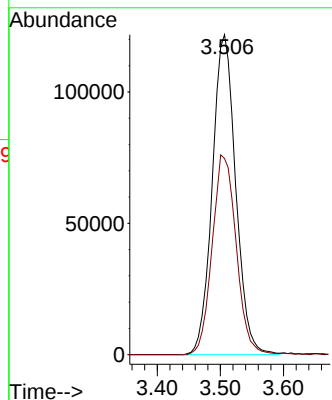
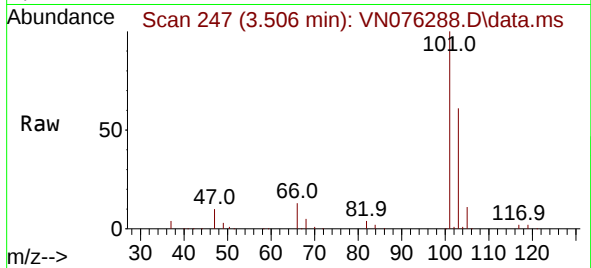
#7
 Trichlorofluoromethane
 Concen: 47.802 ug/l
 RT: 3.506 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 31375
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.2 75.4

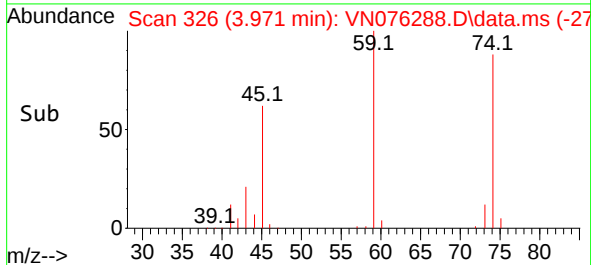
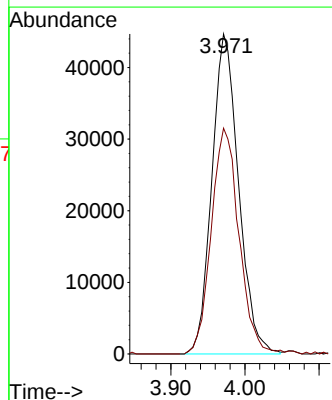
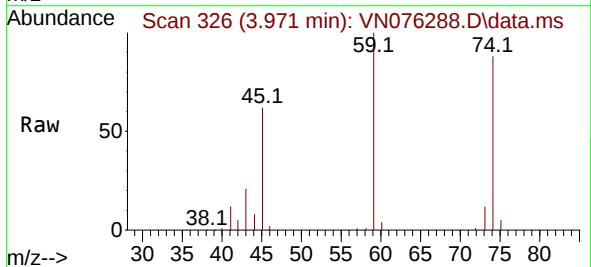
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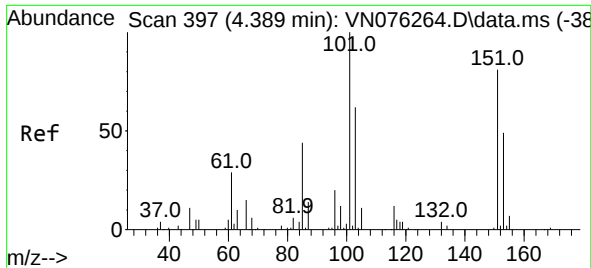
Reviewed By :John Carlone 01/19/2023
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#8
 Diethyl Ether
 Concen: 50.884 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 112022
 Ion Ratio Lower Upper
 74 100
 45 73.5 37.8 113.3





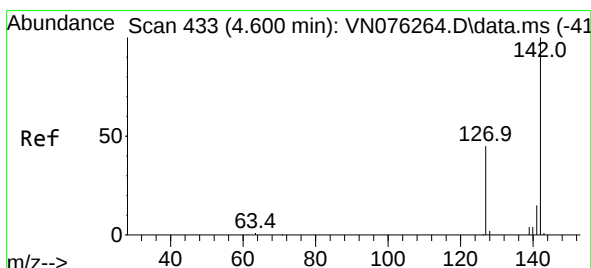
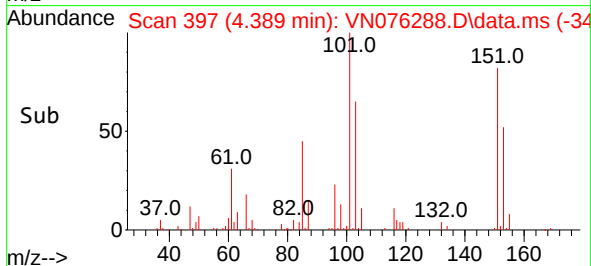
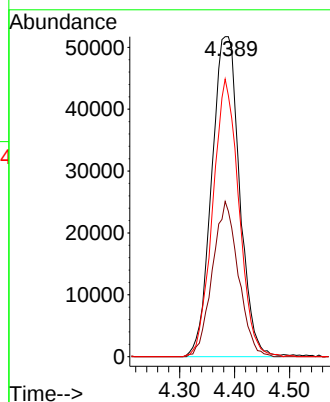
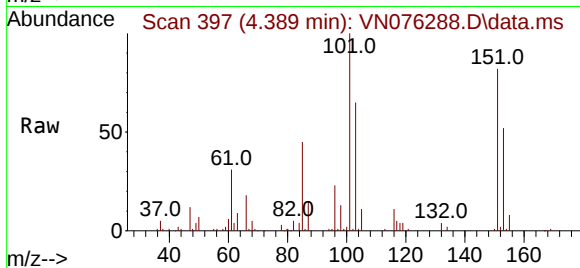
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.077 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 182354
Ion Ratio Lower Upper
101 100
85 45.1 35.5 53.3
151 81.3 65.5 98.3

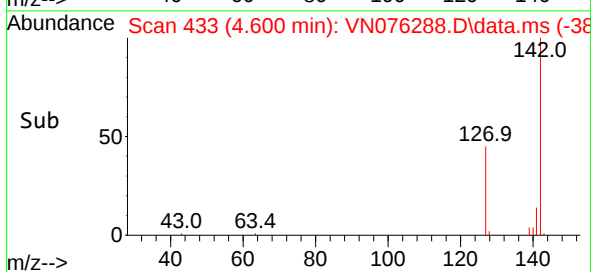
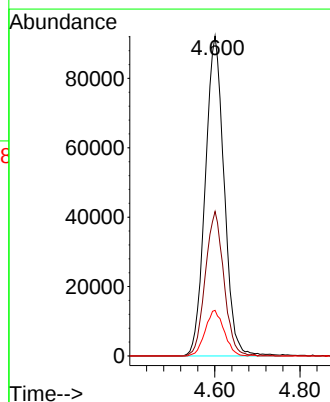
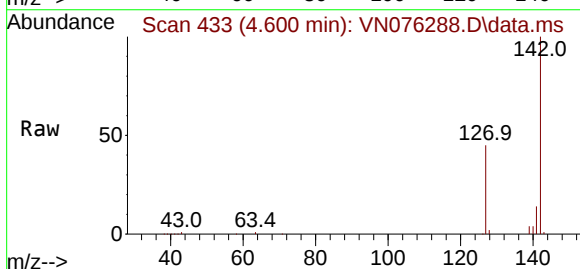
Manual Integrations
APPROVED

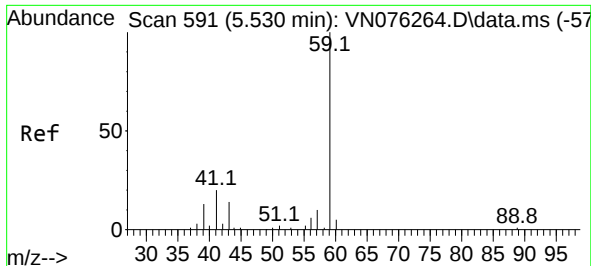
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
Methyl Iodide
Concen: 49.981 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion:142 Resp: 283675
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.3 11.5 17.3





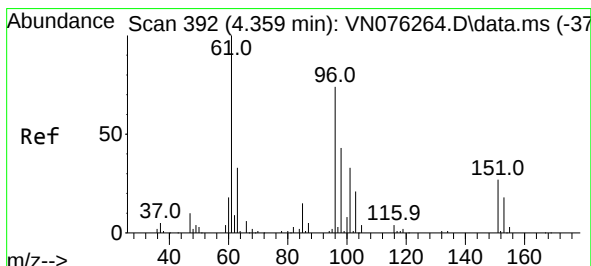
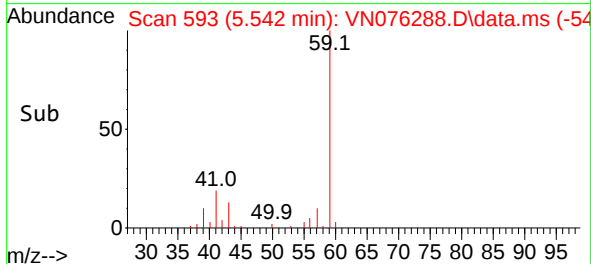
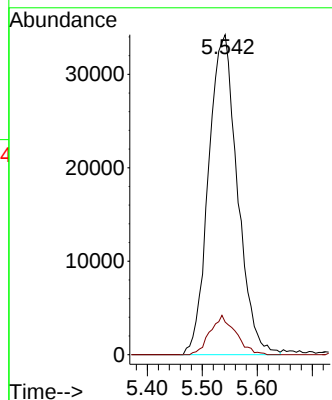
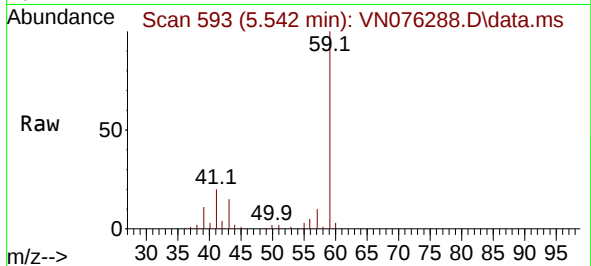
#11
Tert butyl alcohol
Concen: 227.860 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 12514
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

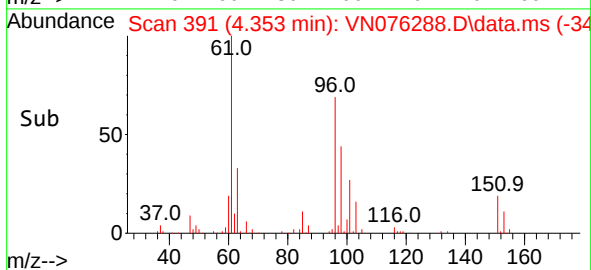
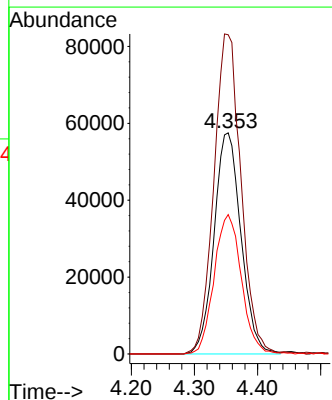
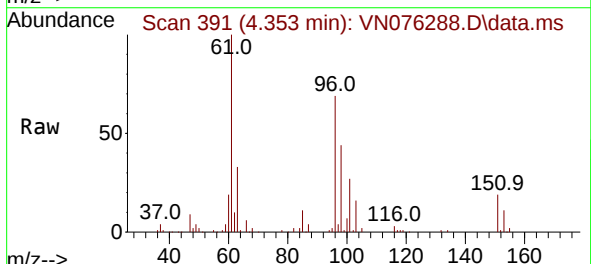
Manual Integrations
APPROVED

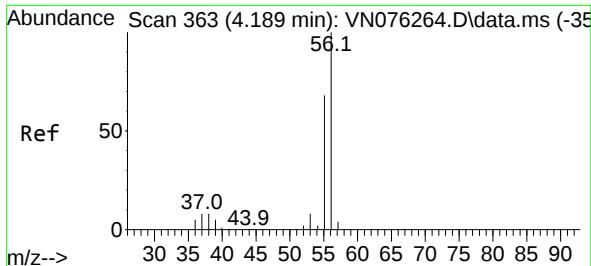
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
1,1-Dichloroethene
Concen: 48.466 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

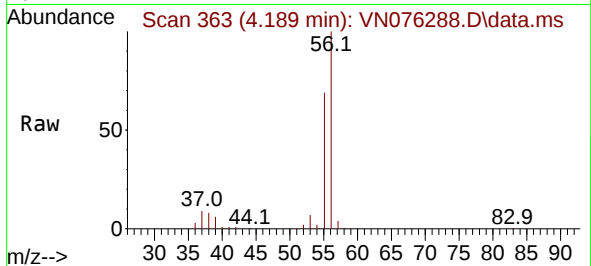
Tgt Ion: 96 Resp: 170234
Ion Ratio Lower Upper
96 100
61 144.4 108.2 162.4
98 63.0 47.0 70.6





#13
Acrolein
Concen: 429.405 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

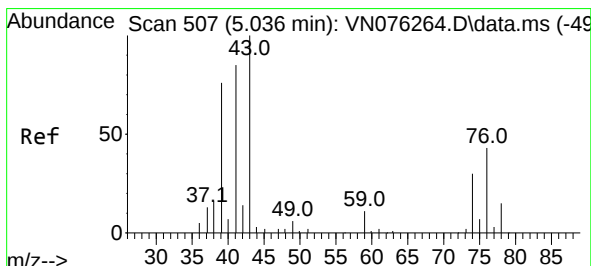
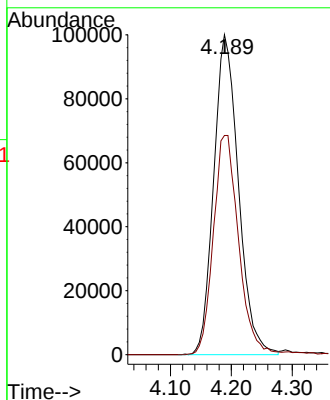
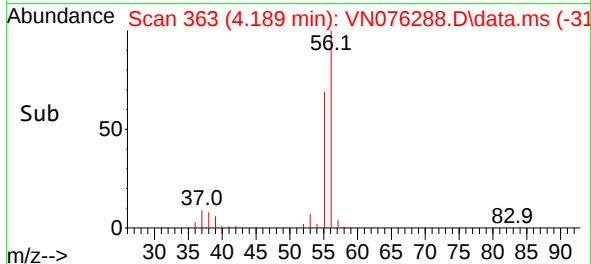
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 282035
Ion Ratio Lower Upper
56 100
55 69.8 55.8 83.6

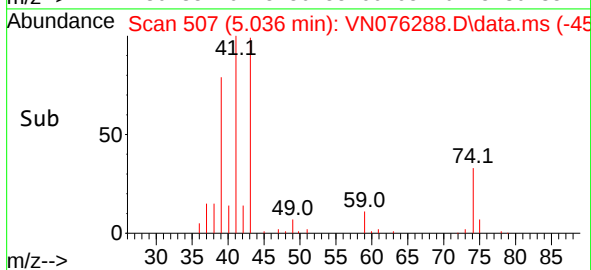
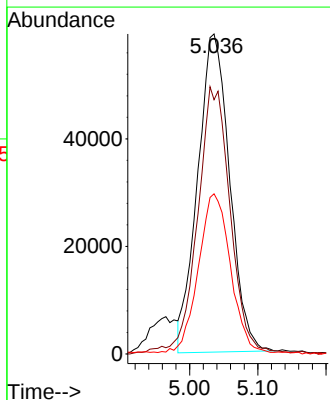
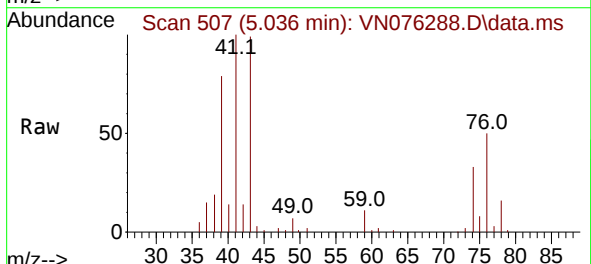
Manual Integrations
APPROVED

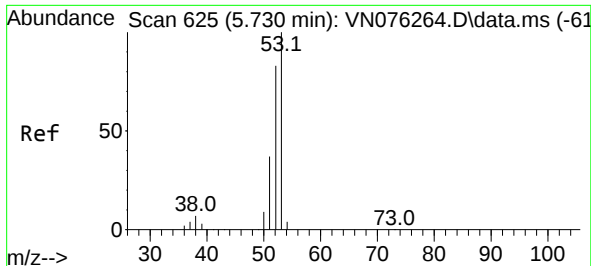
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#14
Allyl chloride
Concen: 47.180 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

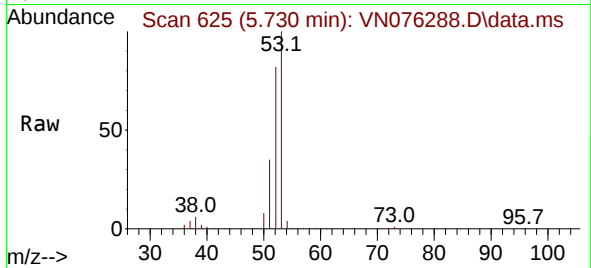
Tgt Ion: 41 Resp: 193119
Ion Ratio Lower Upper
41 100
39 86.2 67.4 101.0
76 49.7 39.8 59.8





#15
Acrylonitrile
Concen: 226.816 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

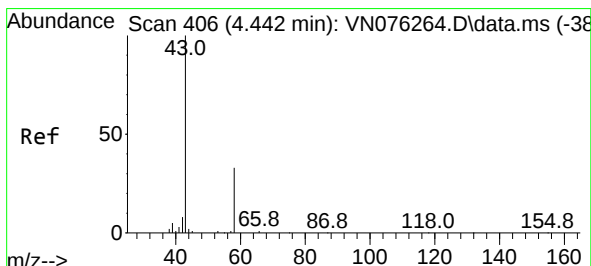
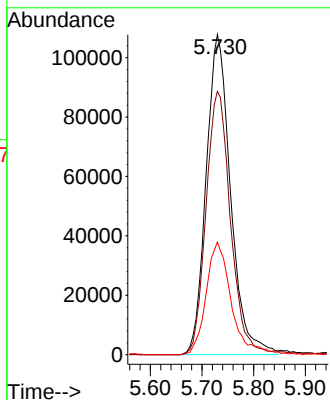
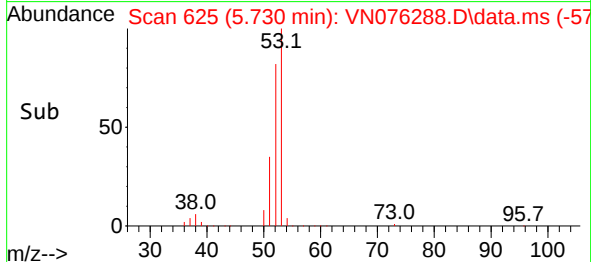
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 35448
Ion Ratio Lower Upper
53 100
52 82.1 64.7 97.1
51 36.2 29.2 43.8

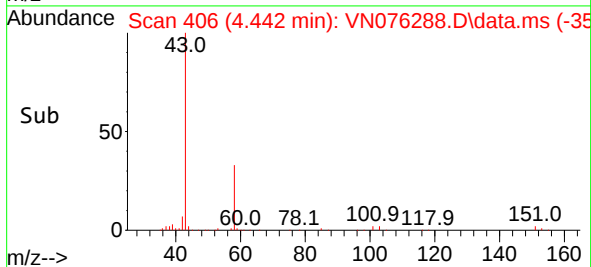
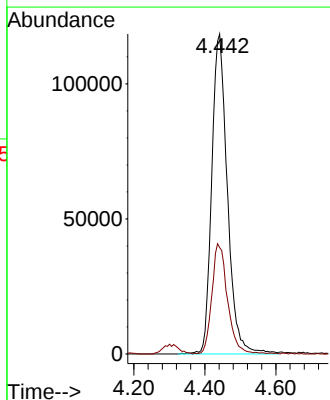
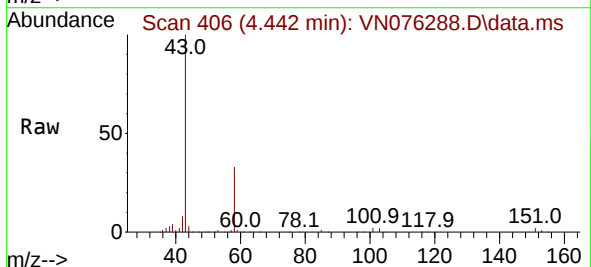
Manual Integrations
APPROVED

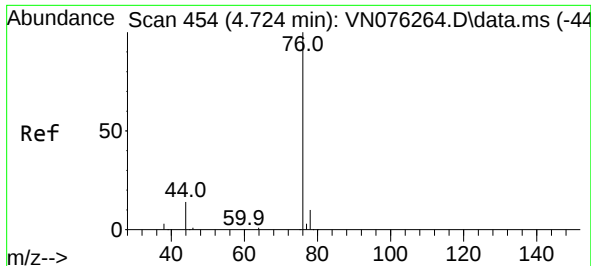
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#16
Acetone
Concen: 274.743 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion: 43 Resp: 361628
Ion Ratio Lower Upper
43 100
58 33.1 26.7 40.1





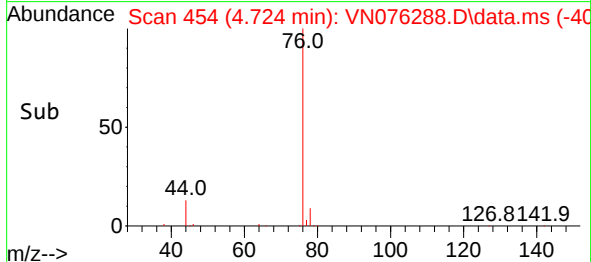
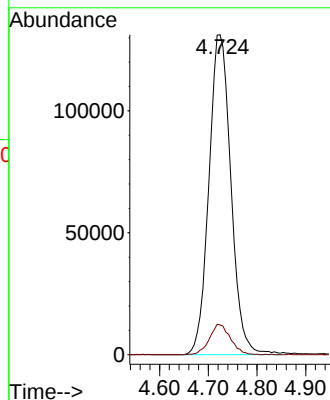
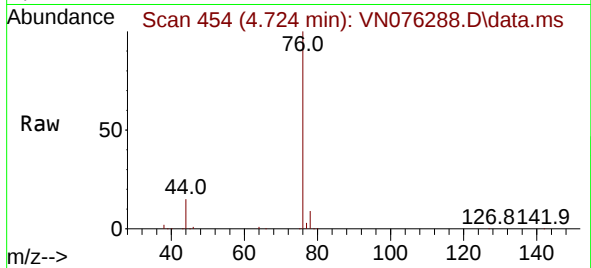
#17
Carbon Disulfide
Concen: 47.118 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 41208
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0

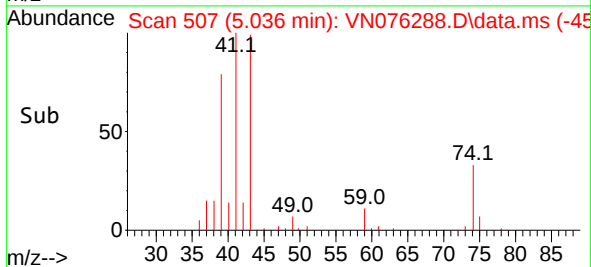
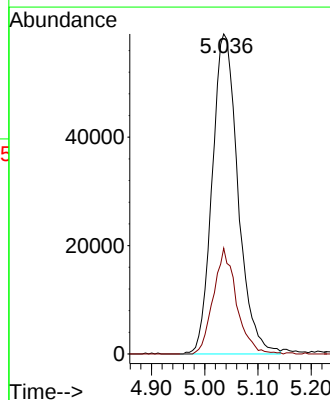
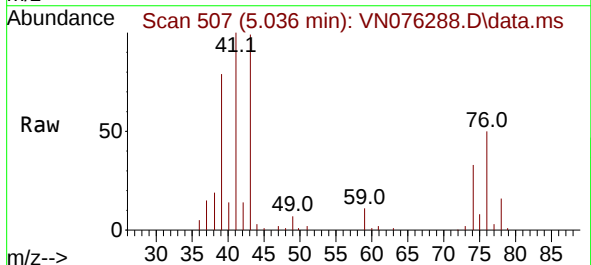
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#18
Methyl Acetate
Concen: 44.467 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion: 43 Resp: 198361
Ion Ratio Lower Upper
43 100
74 29.6 23.3 34.9





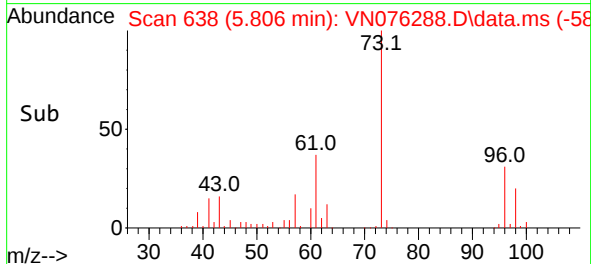
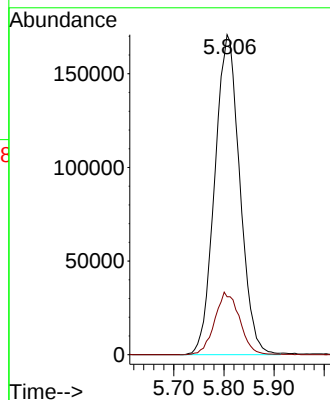
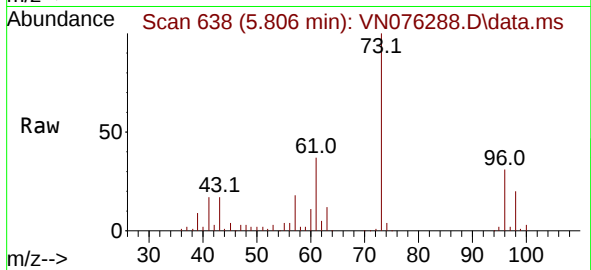
#19
Methyl tert-butyl Ether
Concen: 51.852 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 592920
Ion Ratio Lower Upper
73 100
57 18.1 15.9 23.9

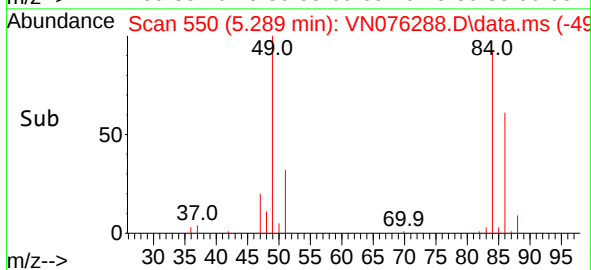
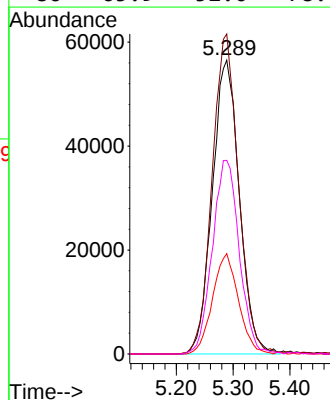
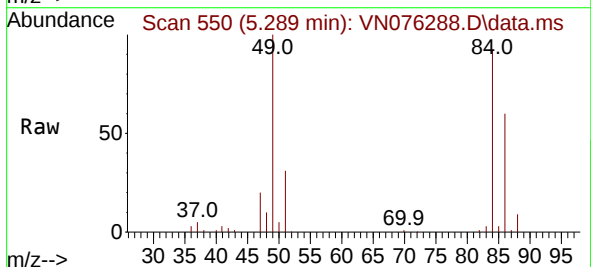
Manual Integrations
APPROVED

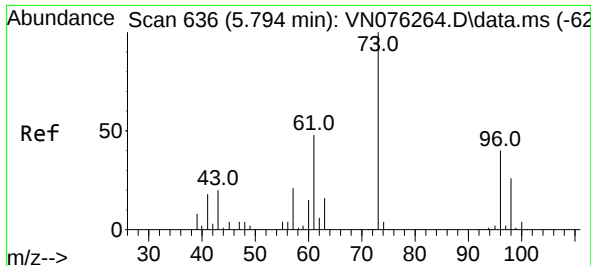
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Methylene Chloride
Concen: 47.981 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

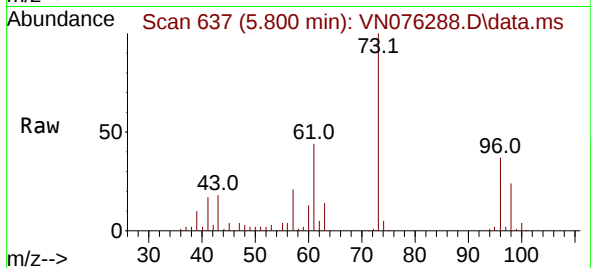
Tgt Ion: 84 Resp: 186975
Ion Ratio Lower Upper
84 100
49 108.9 84.5 126.7
51 34.2 26.0 39.0
86 65.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 47.766 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

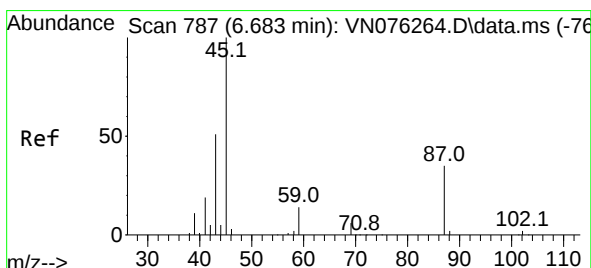
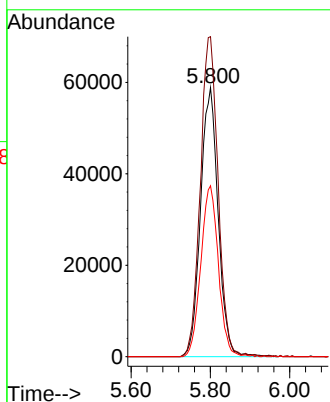
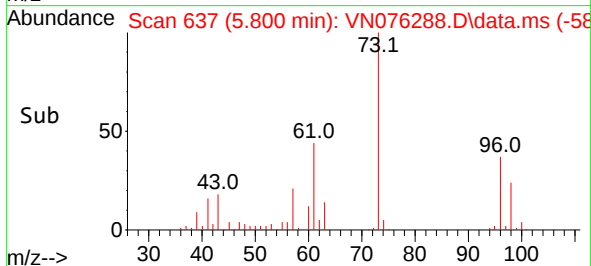
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



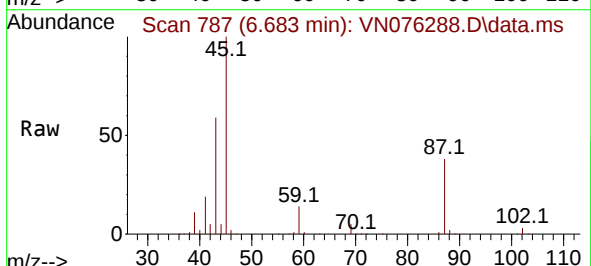
Tgt Ion: 96 Resp: 181758
Ion Ratio Lower Upper
96 100
61 118.9 97.0 145.4
98 63.5 51.9 77.9

Manual Integrations
APPROVED

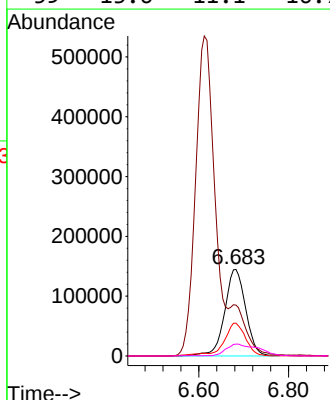
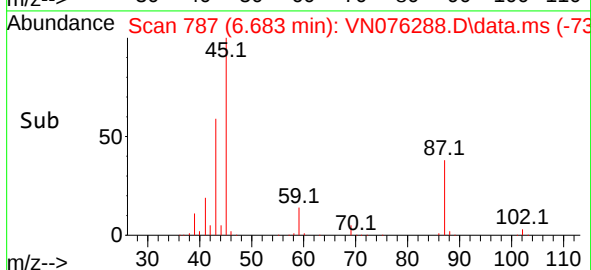
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

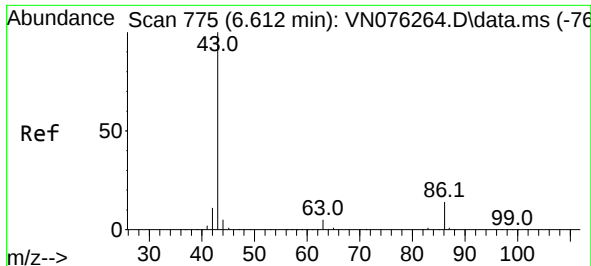


#22
Diisopropyl ether
Concen: 48.904 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion: 45 Resp: 472066
Ion Ratio Lower Upper
45 100
43 57.4 44.4 66.6
87 37.6 28.4 42.6
59 13.6 11.1 16.7





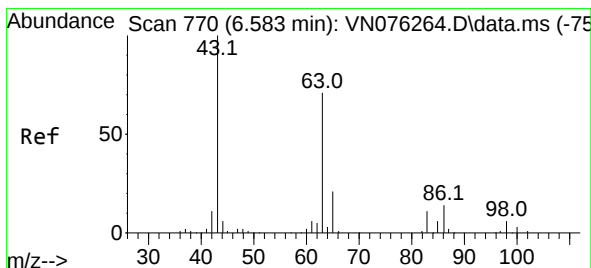
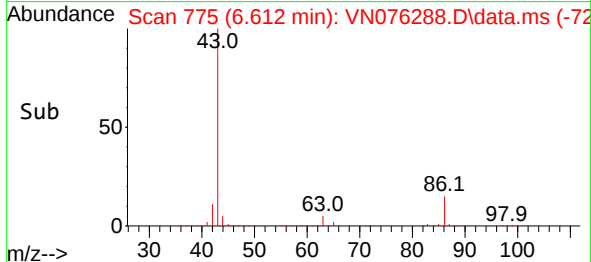
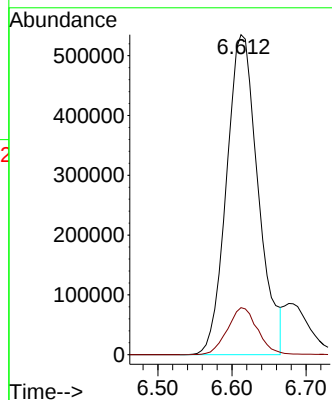
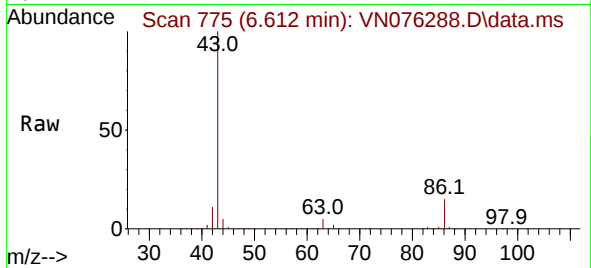
#23
 Vinyl Acetate
 Concen: 254.472 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 158754
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.2 16.8

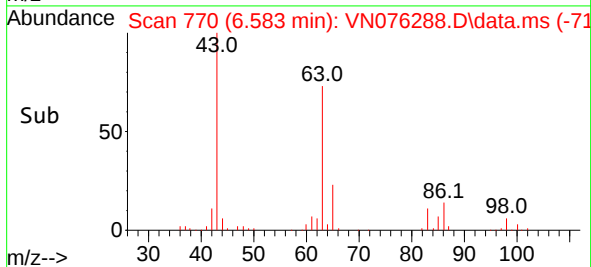
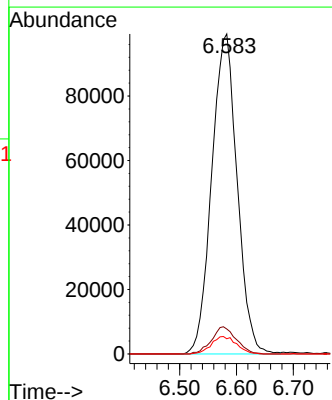
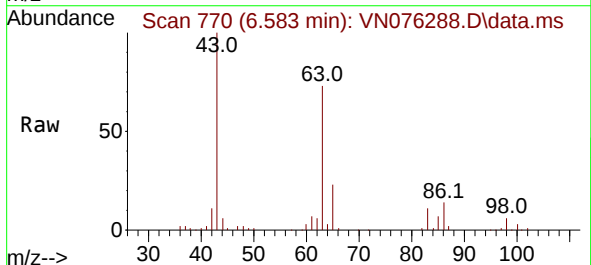
Manual Integrations
 APPROVED

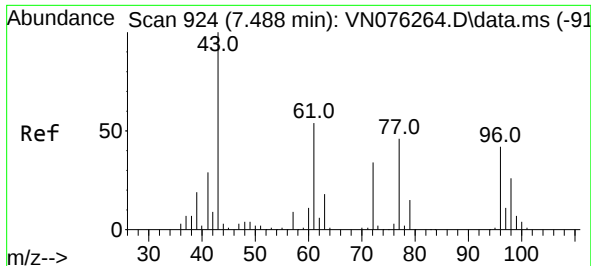
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#24
 1,1-Dichloroethane
 Concen: 47.913 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

Tgt Ion: 63 Resp: 308289
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 236.145 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 47473

Ion Ratio Lower Upper

43 100

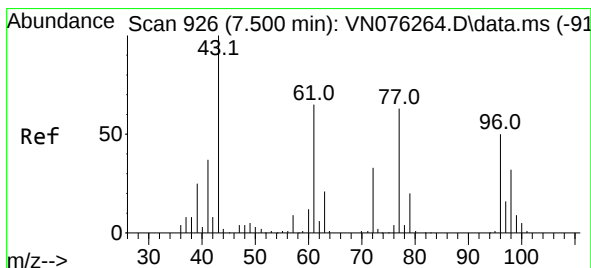
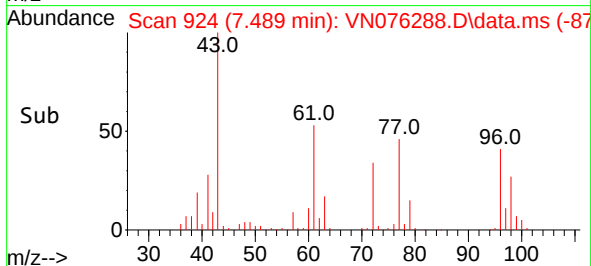
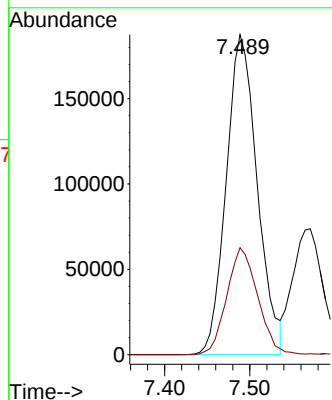
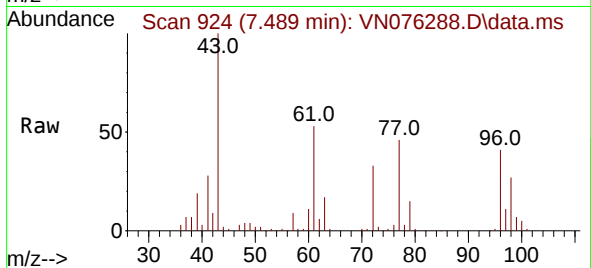
72 33.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#26

2,2-Dichloropropane

Concen: 52.291 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076288.D

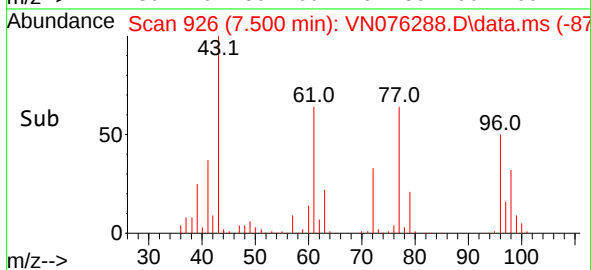
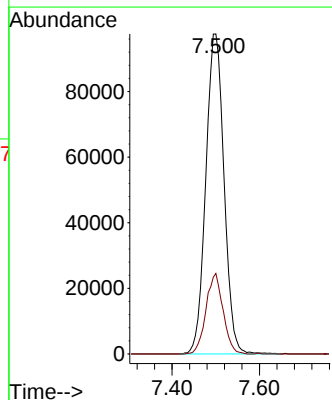
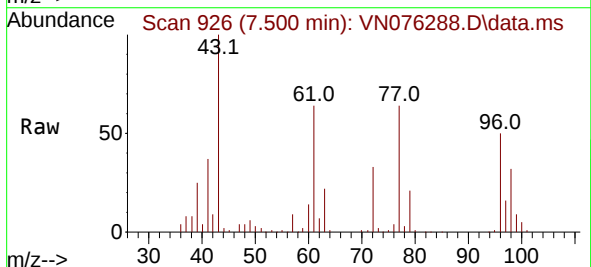
Acq: 18 Jan 2023 10:36

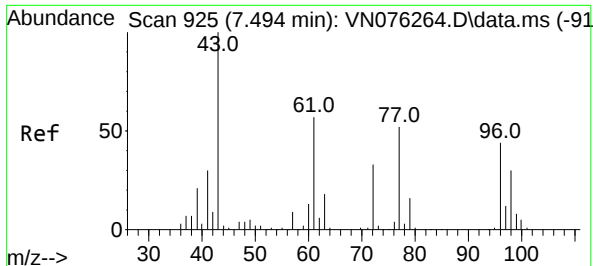
Tgt Ion: 77 Resp: 283574

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 47.556 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 211058

Ion Ratio Lower Upper

96 100

61 131.5 0.0 259.6

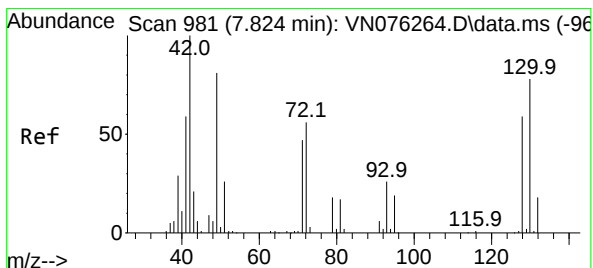
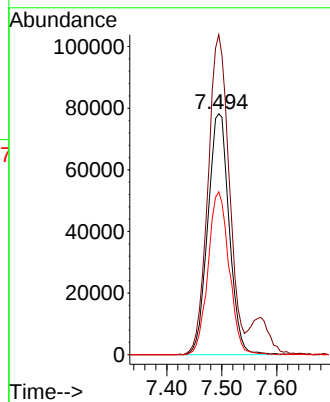
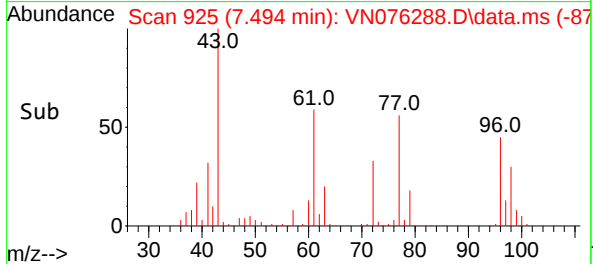
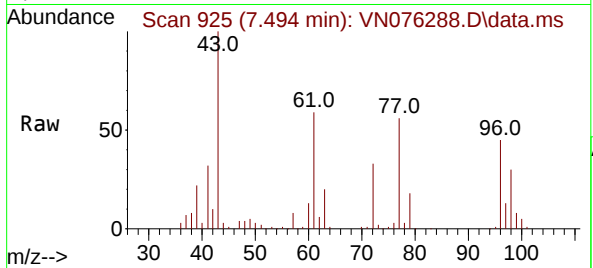
98 66.6 0.0 129.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#28

Bromochloromethane

Concen: 46.949 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

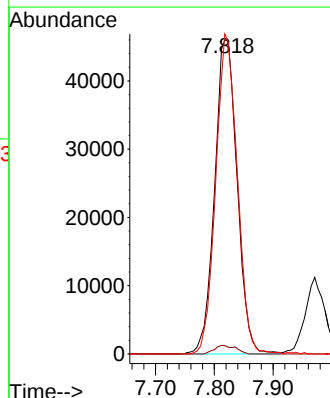
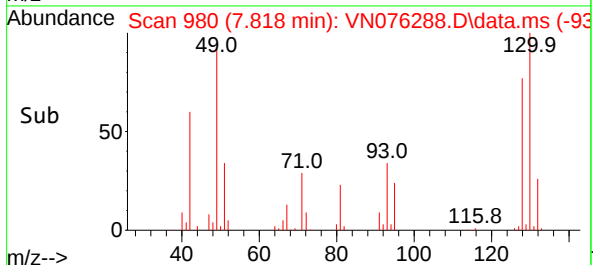
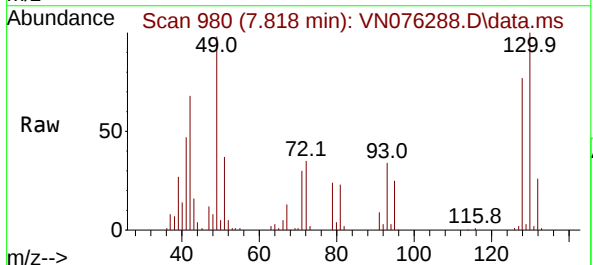
Tgt Ion: 49 Resp: 122443

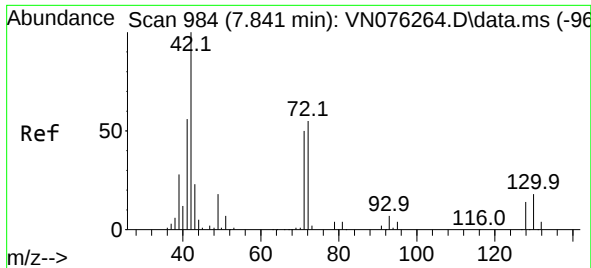
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.2

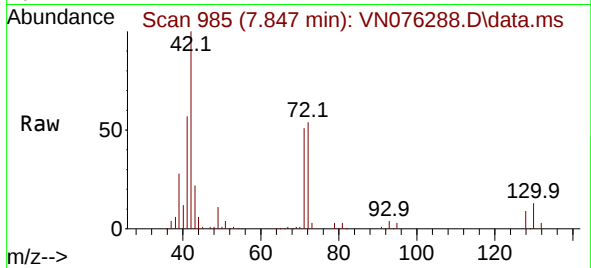
130 97.4 76.0 114.0





#29
Tetrahydrofuran
Concen: 234.580 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

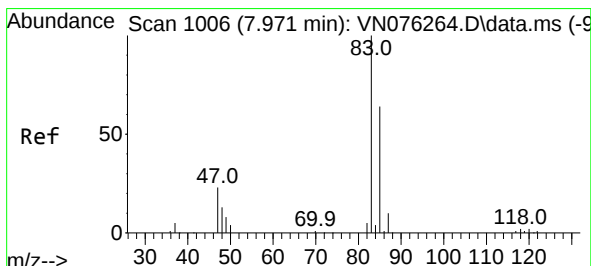
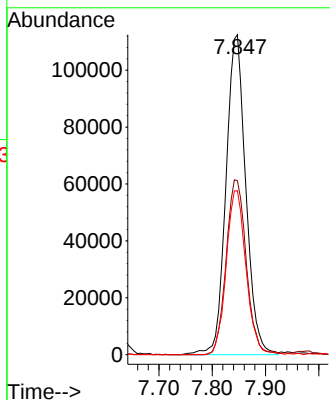
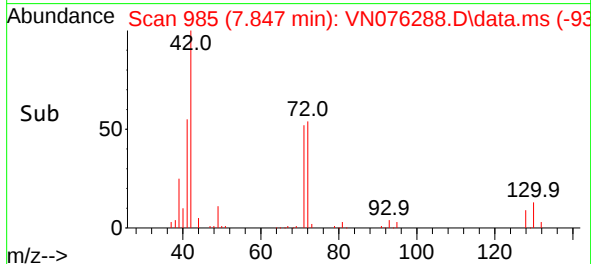
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



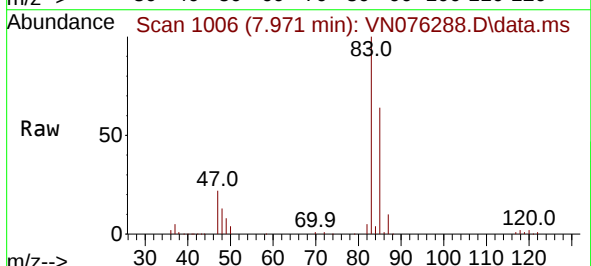
Tgt Ion: 42 Resp: 291056
Ion Ratio Lower Upper
42 100
72 55.3 44.0 66.0
71 51.3 41.1 61.7

Manual Integrations
APPROVED

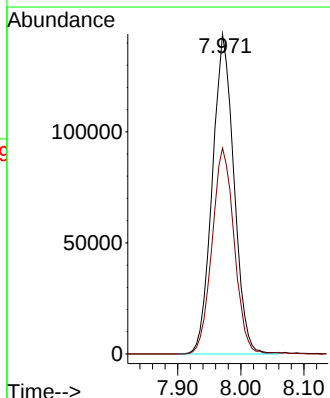
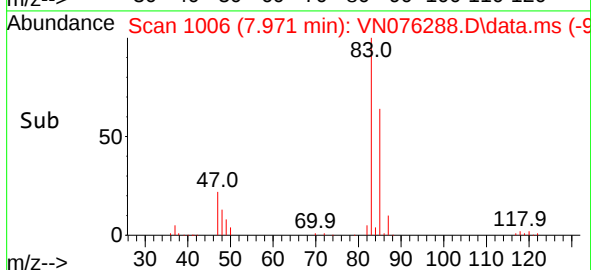
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

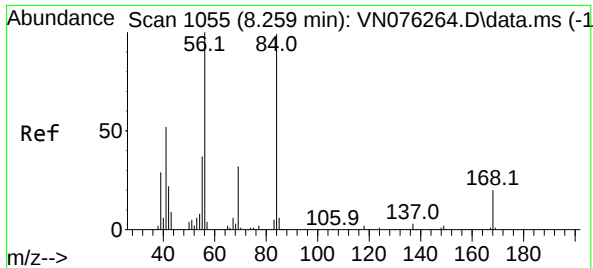


#30
Chloroform
Concen: 48.165 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



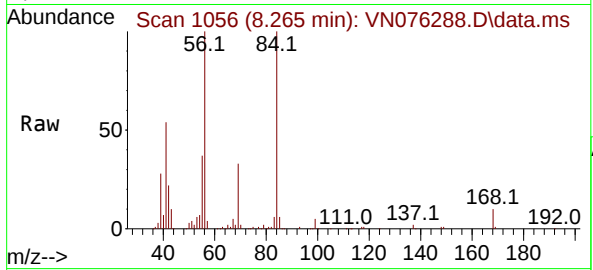
Tgt Ion: 83 Resp: 342920
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6





#31
Cyclohexane
Concen: 43.754 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

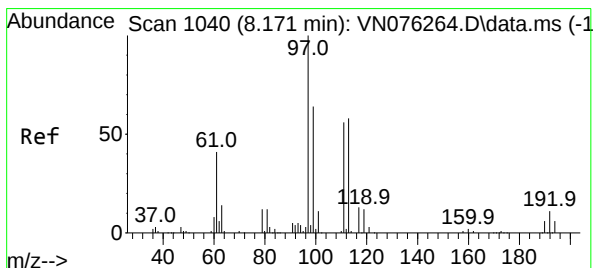
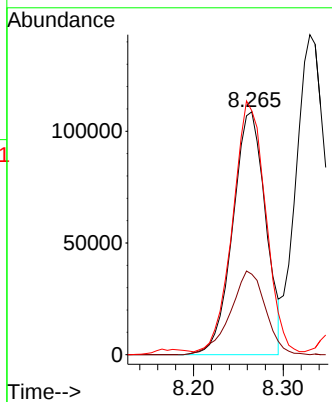
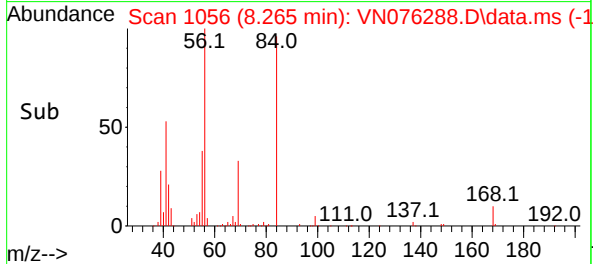
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



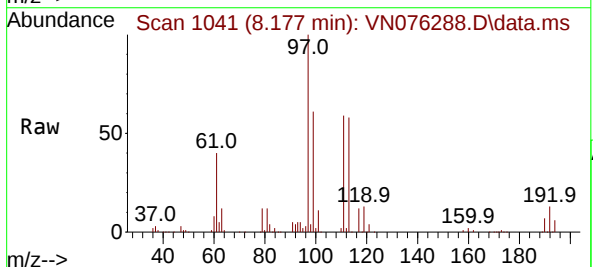
Tgt Ion: 56 Resp: 27598
Ion Ratio Lower Upper
56 100
69 33.1 25.8 38.8
84 98.4 79.0 118.4

Manual Integrations
APPROVED

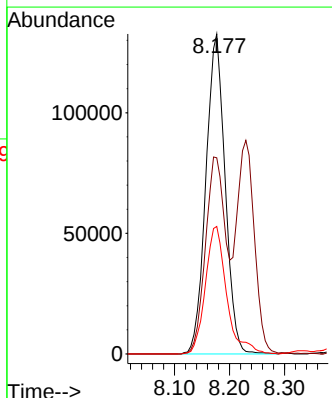
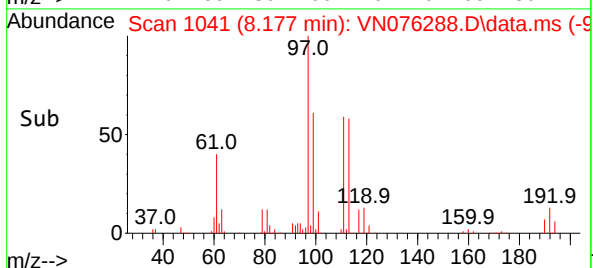
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 49.575 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion: 97 Resp: 322248
Ion Ratio Lower Upper
97 100
99 63.6 55.0 82.4
61 44.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.948 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 209190

Ion Ratio Lower Upper

65 100

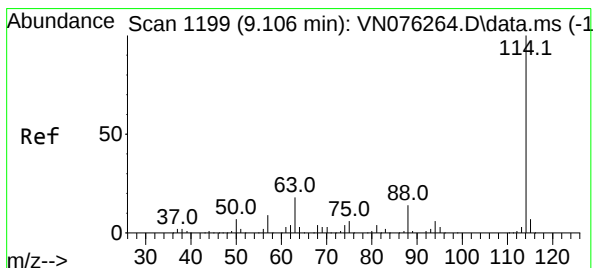
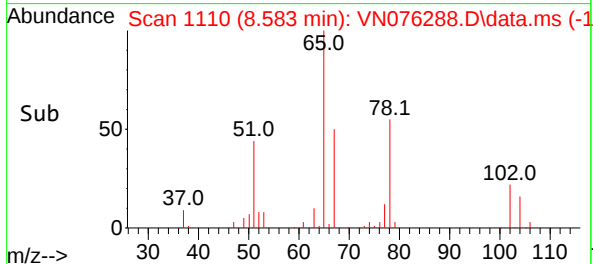
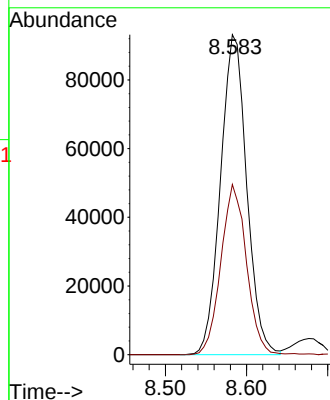
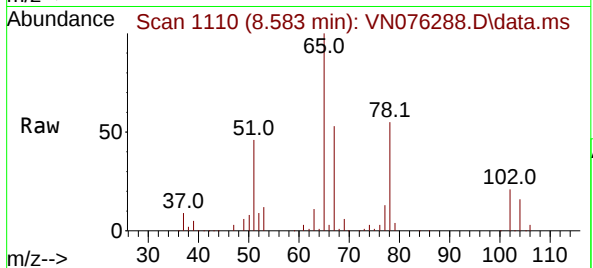
67 52.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

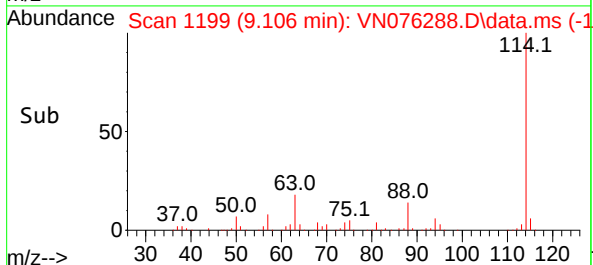
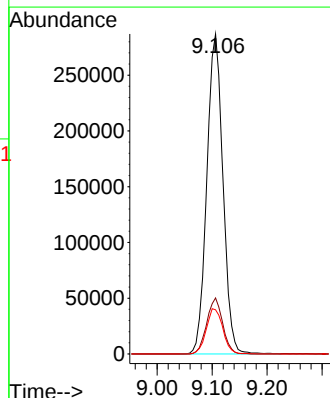
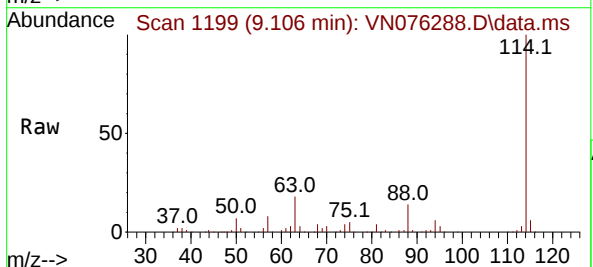
Tgt Ion:114 Resp: 584484

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

88 13.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 52.740 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 192828

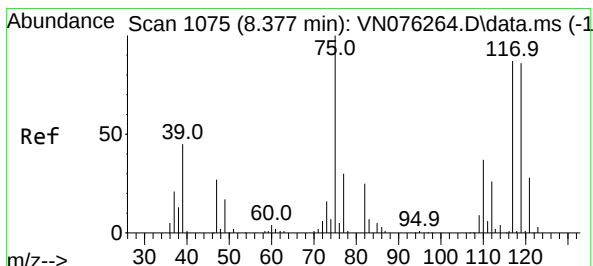
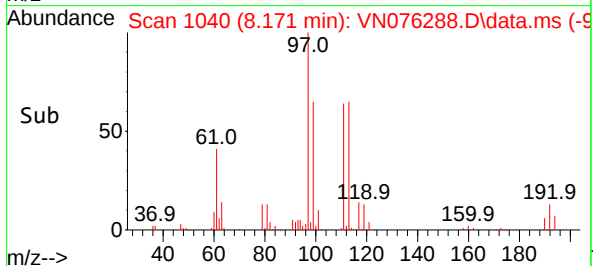
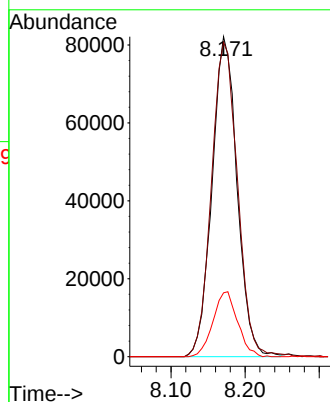
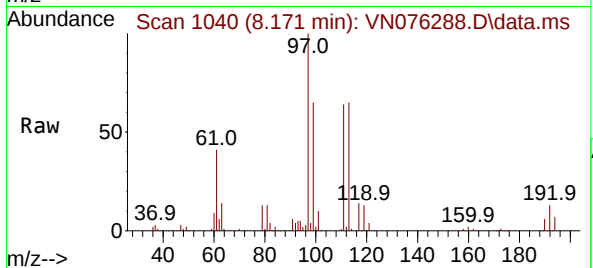
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	19.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#36

1,1-Dichloropropene

Concen: 49.287 ug/l

RT: 8.377 min Scan# 1075

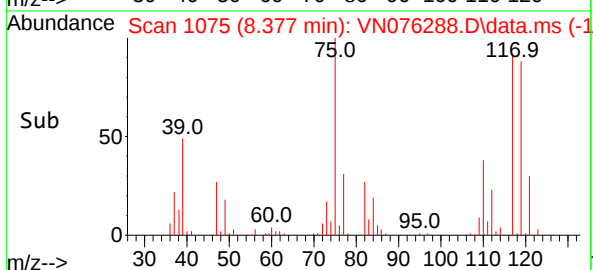
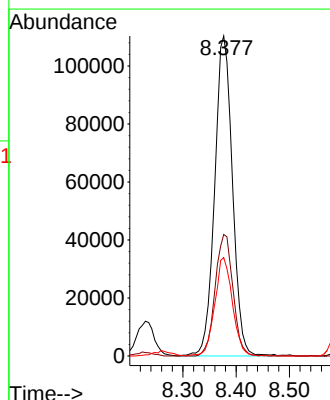
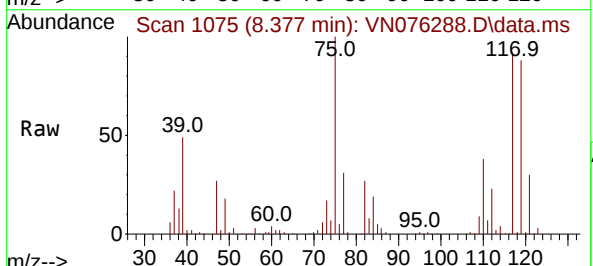
Delta R.T. -0.000 min

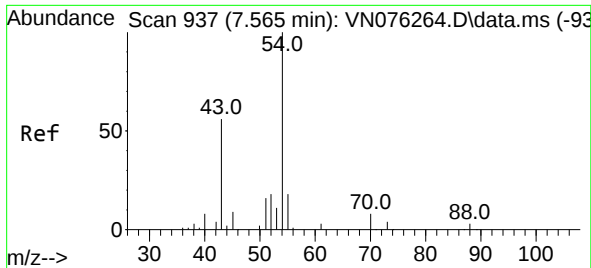
Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Tgt Ion: 75 Resp: 256065

Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.8	56.3
77	30.5	25.0	37.4





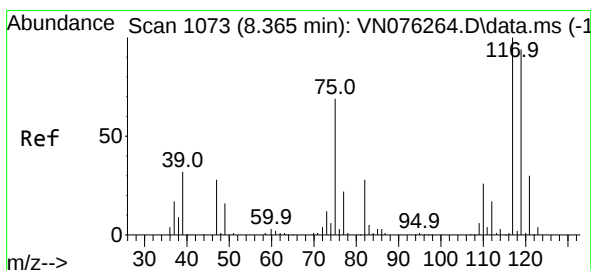
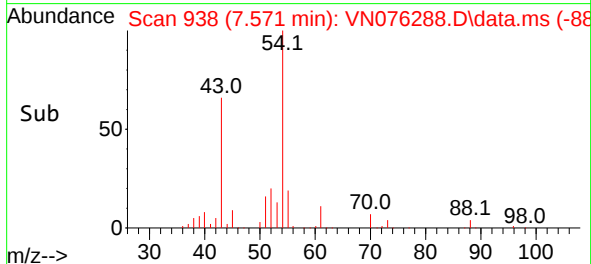
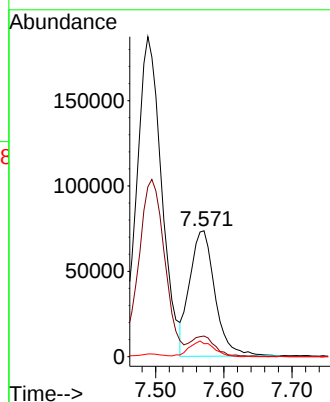
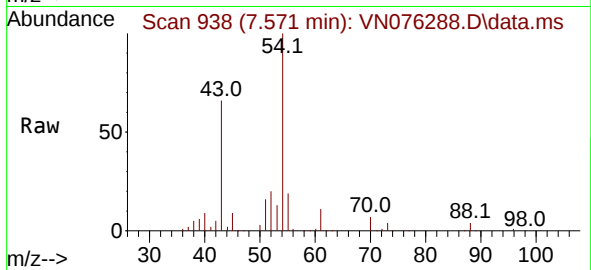
#37
Ethyl Acetate
Concen: 45.423 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 189272
Ion Ratio Lower Upper
43 100
61 15.0 11.1 16.7
70 11.9 10.0 15.0

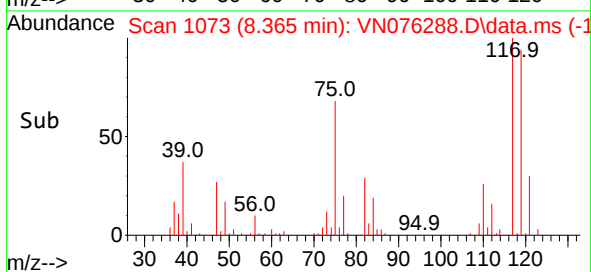
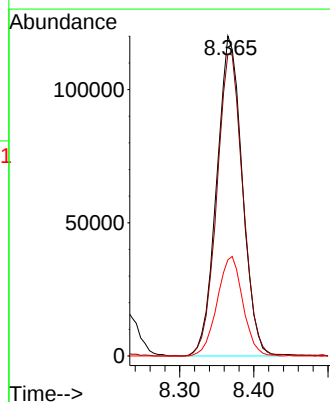
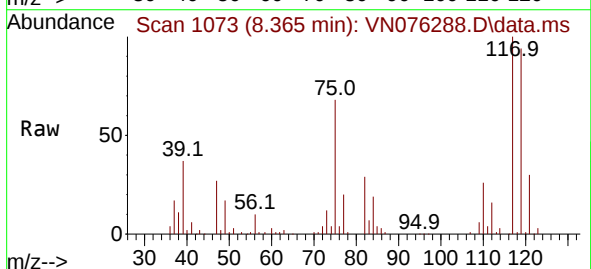
Manual Integrations
APPROVED

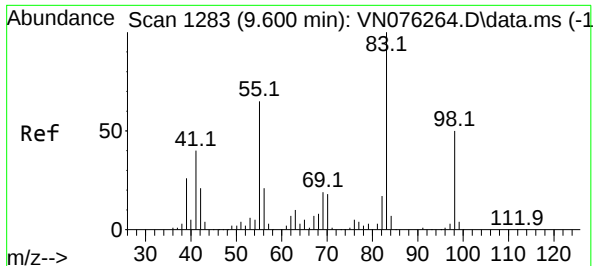
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#38
Carbon Tetrachloride
Concen: 49.762 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion:117 Resp: 288305
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 52.611 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 33378

Ion Ratio Lower Upper

83 100

55 65.1 51.7 77.5

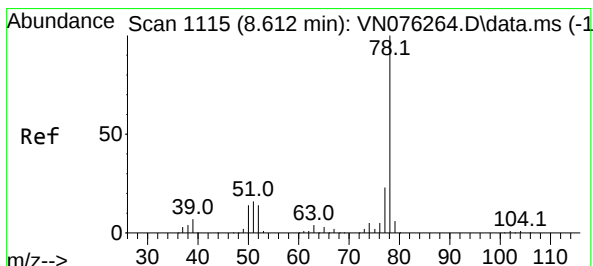
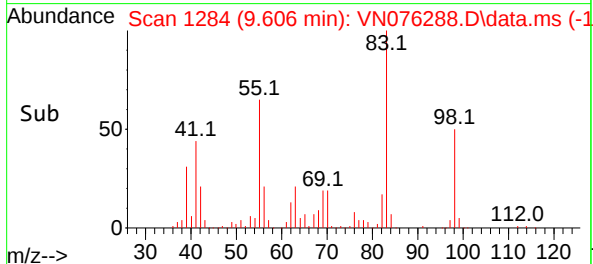
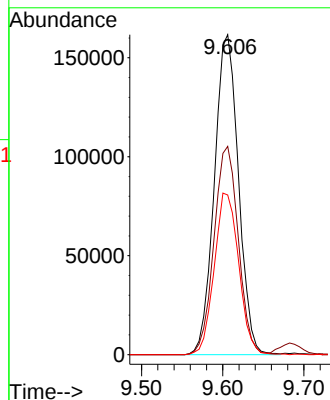
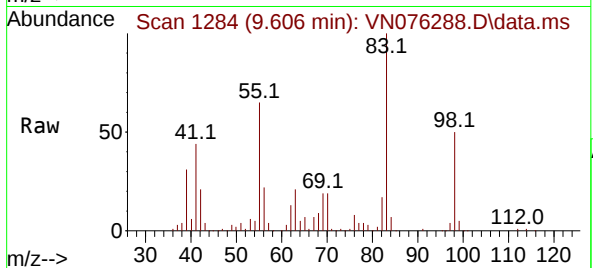
98 49.9 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Benzene

Concen: 48.455 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076288.D

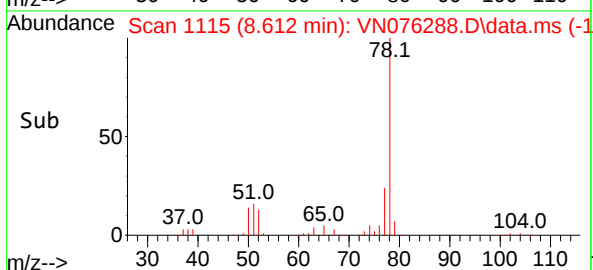
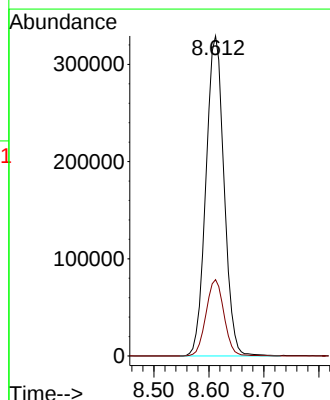
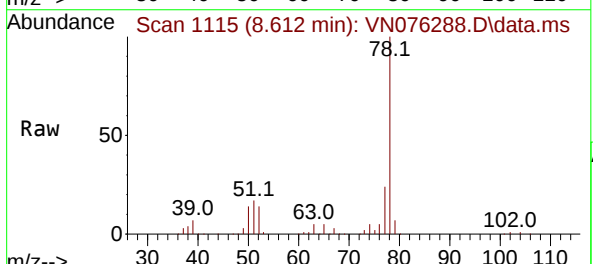
Acq: 18 Jan 2023 10:36

Tgt Ion: 78 Resp: 752748

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0





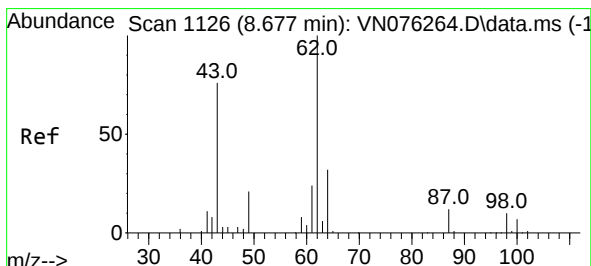
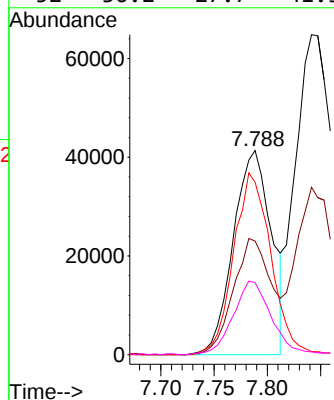
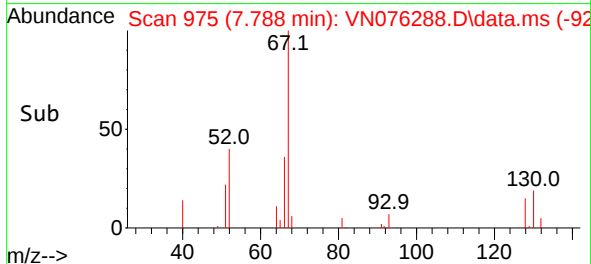
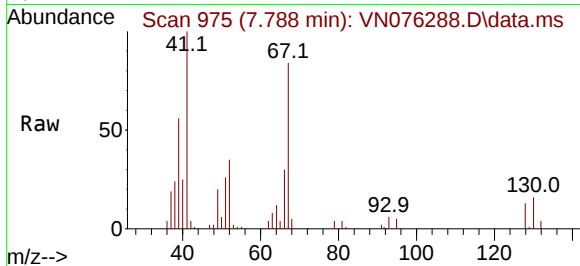
#41
Methacrylonitrile
Concen: 47.123 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 102819
Ion Ratio Lower Upper
41 100
39 56.7 42.4 63.6
67 87.7 68.8 103.2
52 36.2 27.7 41.5

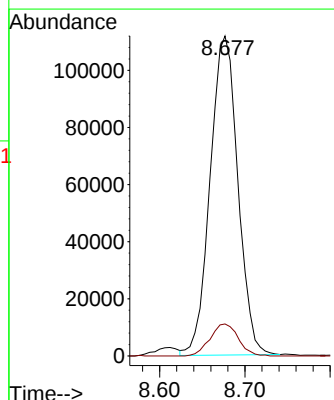
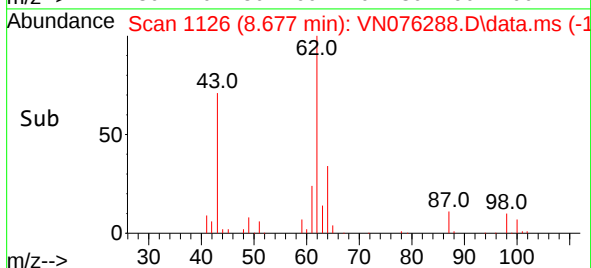
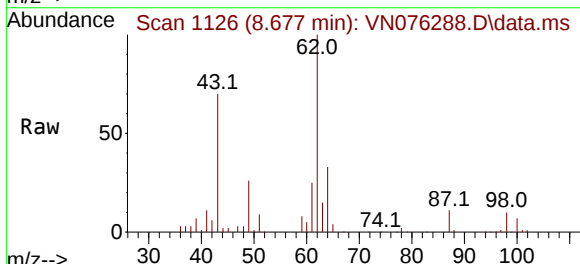
Manual Integrations
APPROVED

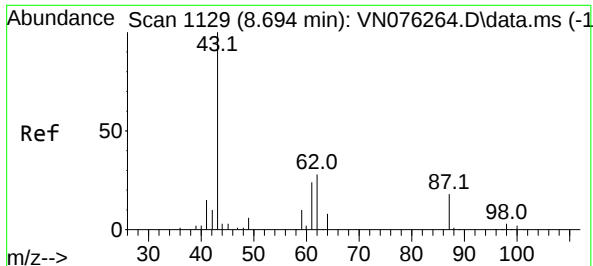
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
1,2-Dichloroethane
Concen: 47.498 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion: 62 Resp: 252462
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





#43

Isopropyl Acetate

Concen: 49.110 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 332924

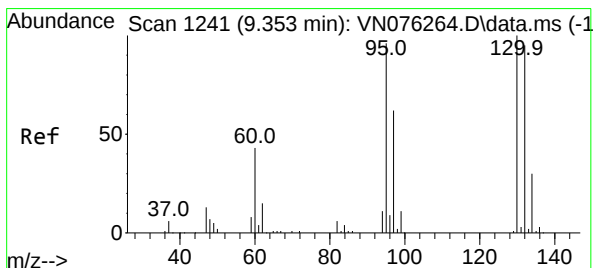
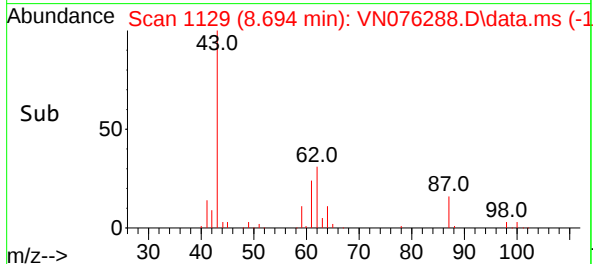
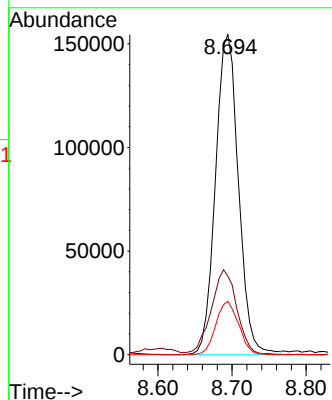
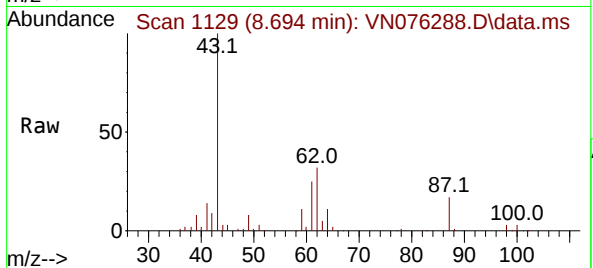
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.5	35.3
87	16.5	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#44

Trichloroethene

Concen: 48.902 ug/l

RT: 9.353 min Scan# 1241

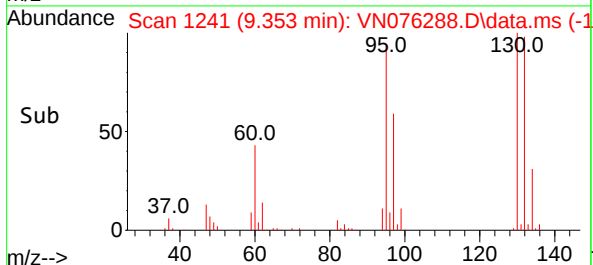
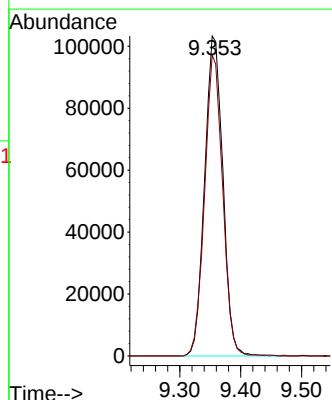
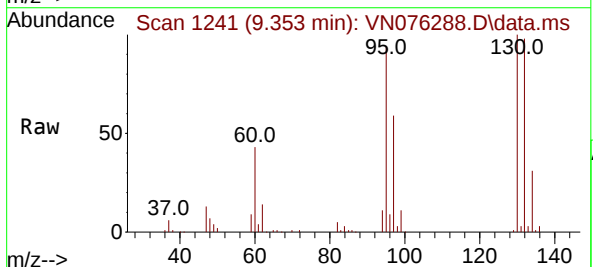
Delta R.T. 0.000 min

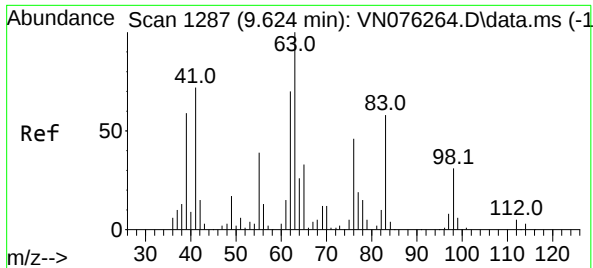
Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Tgt Ion:130 Resp: 214863

Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 47.987 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 178484

Ion Ratio Lower Upper

63 100

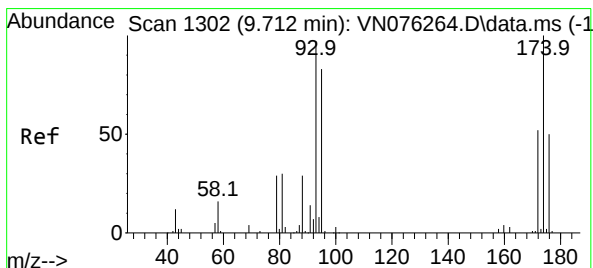
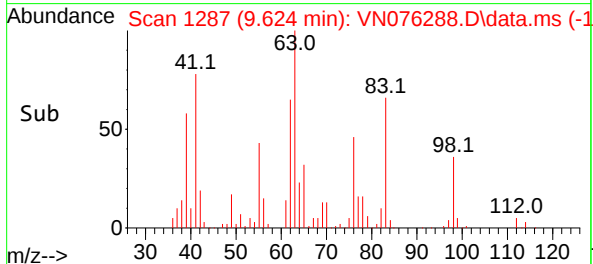
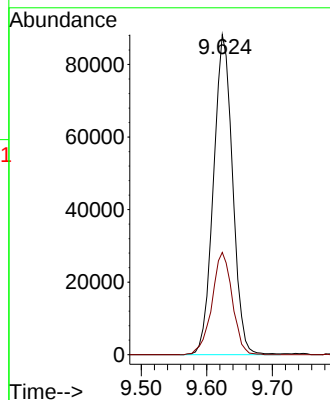
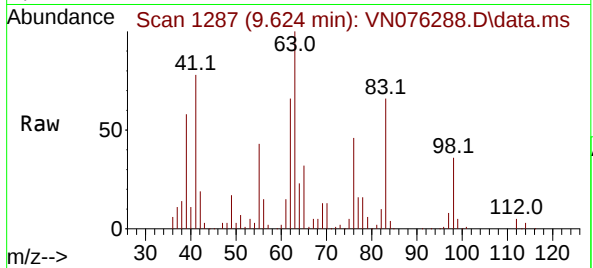
65 31.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#46

Dibromomethane

Concen: 48.135 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

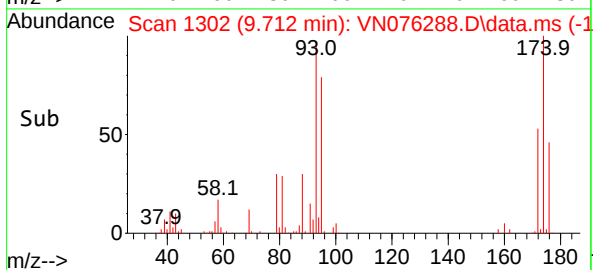
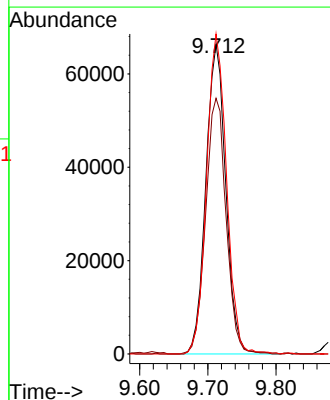
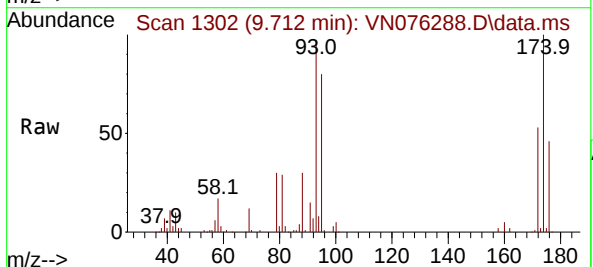
Tgt Ion: 93 Resp: 135171

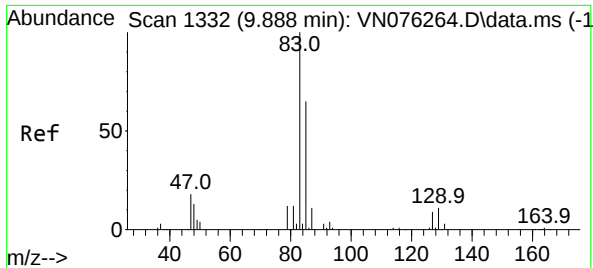
Ion Ratio Lower Upper

93 100

95 84.5 66.0 99.0

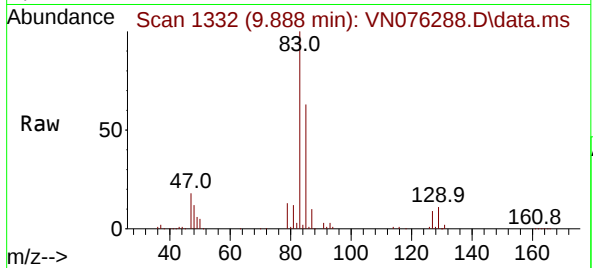
174 103.5 81.3 121.9





#47
Bromodichloromethane
Concen: 50.015 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

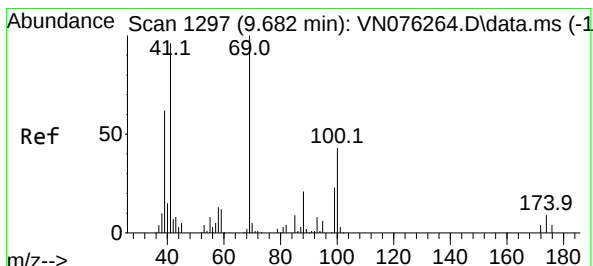
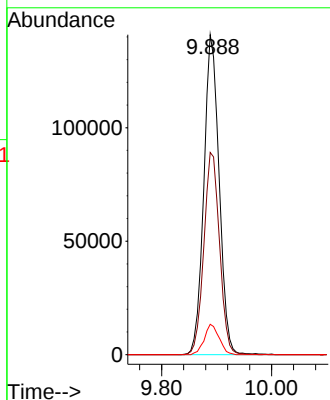
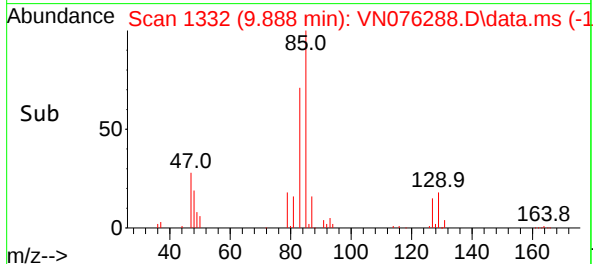
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



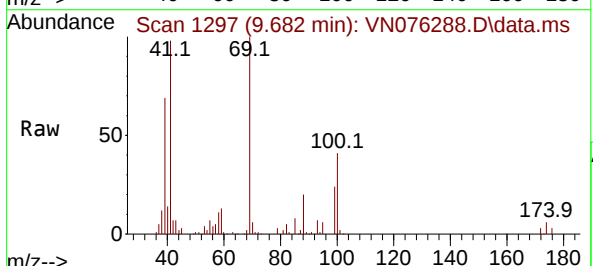
Tgt Ion: 83 Resp: 272408
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1
127 9.5 7.4 11.0

Manual Integrations
APPROVED

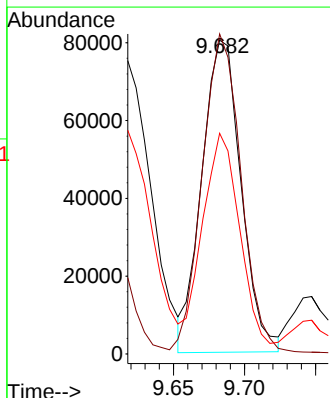
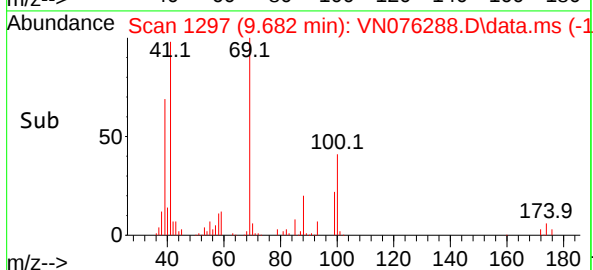
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

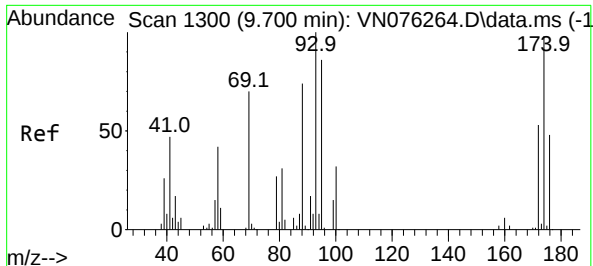


#48
Methyl methacrylate
Concen: 48.097 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion: 41 Resp: 154360
Ion Ratio Lower Upper
41 100
69 102.6 80.8 121.2
39 68.3 54.4 81.6





#49

1,4-Dioxane

Concen: 974.686 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 66000

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1

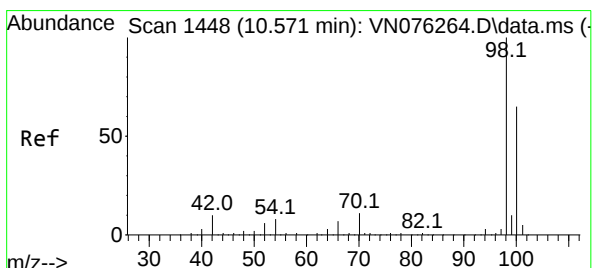
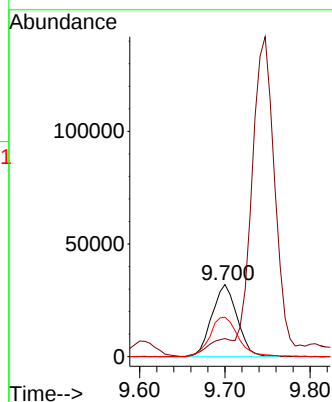
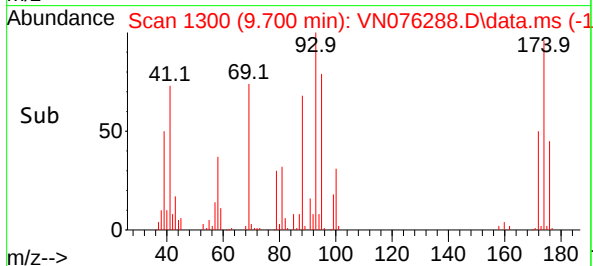
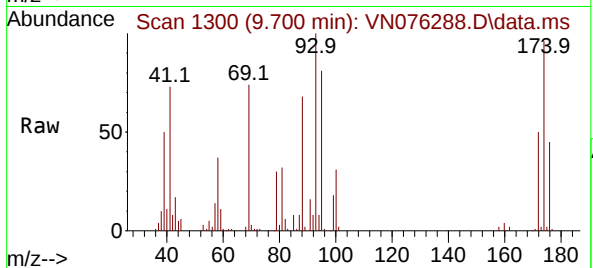
58 61.4 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

Toluene-d8

Concen: 53.867 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076288.D

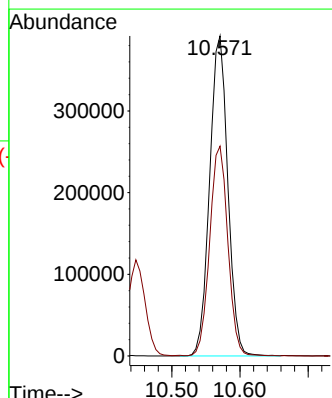
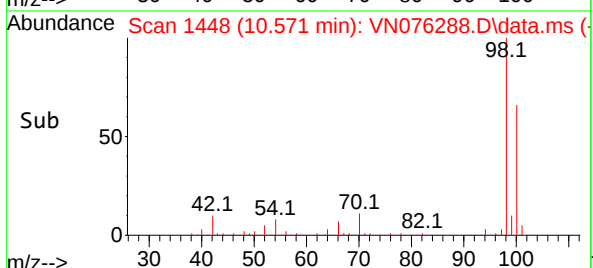
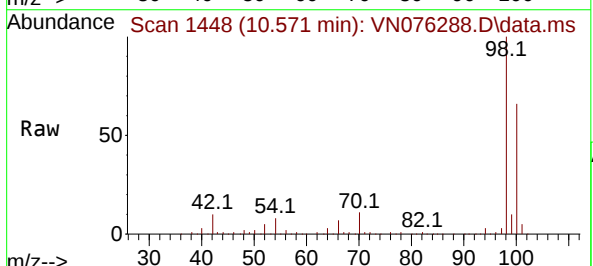
Acq: 18 Jan 2023 10:36

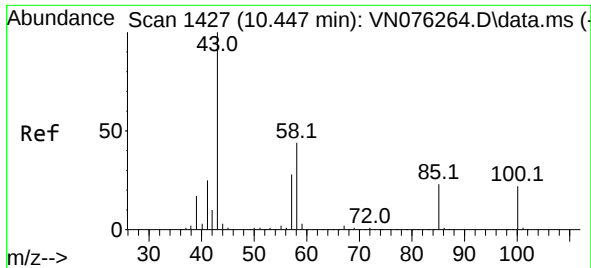
Tgt Ion: 98 Resp: 727354

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4





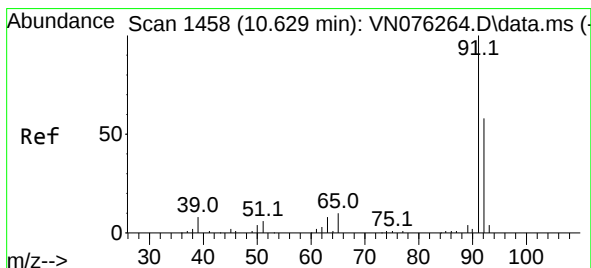
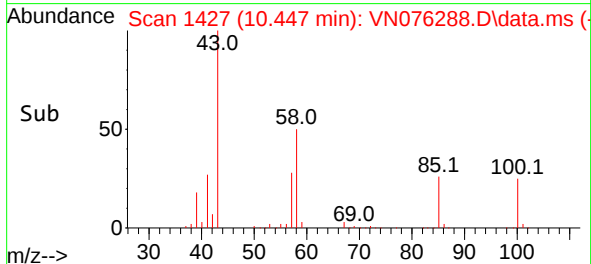
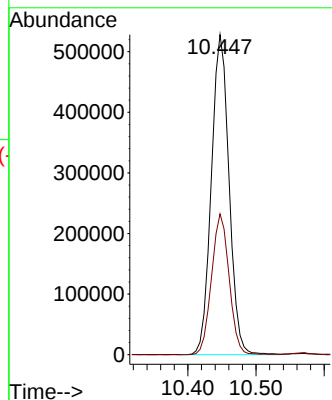
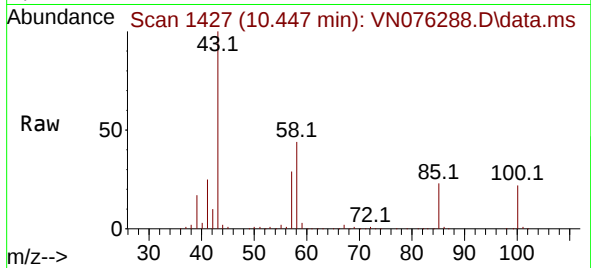
#51
4-Methyl-2-Pentanone
Concen: 240.033 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 955238
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7

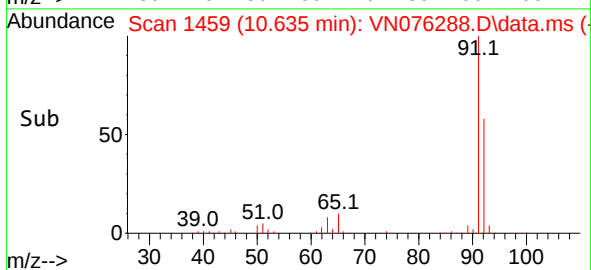
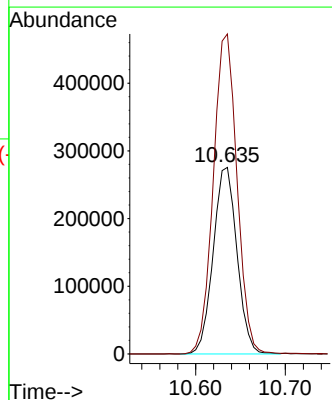
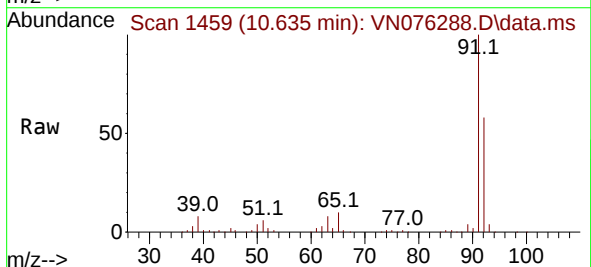
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
Toluene
Concen: 48.817 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

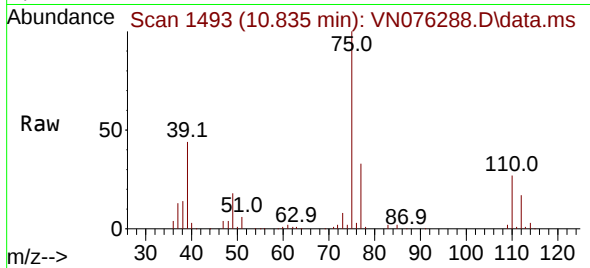
Tgt Ion: 92 Resp: 507152
Ion Ratio Lower Upper
92 100
91 171.4 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 54.935 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

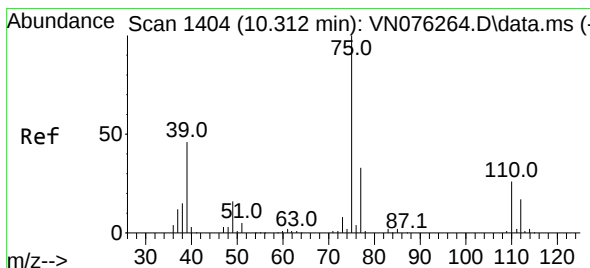
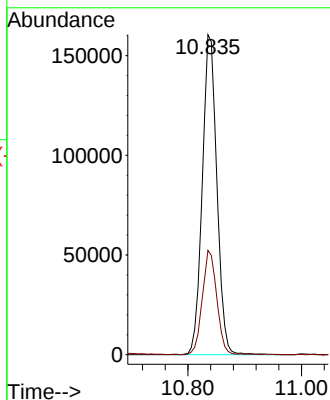
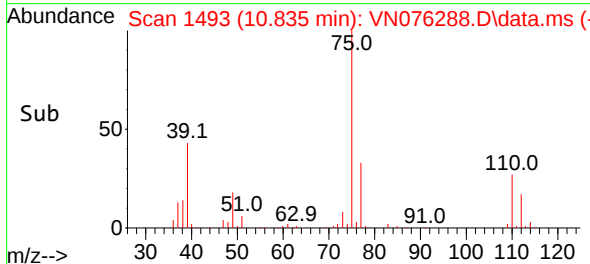
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



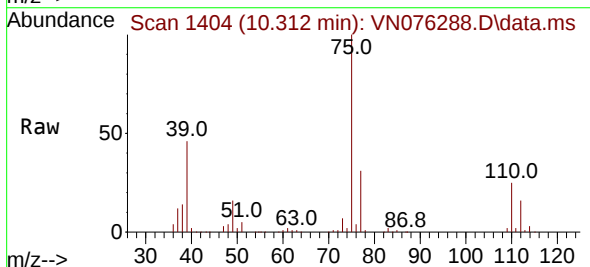
Tgt Ion: 75 Resp: 285229
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6

Manual Integrations
APPROVED

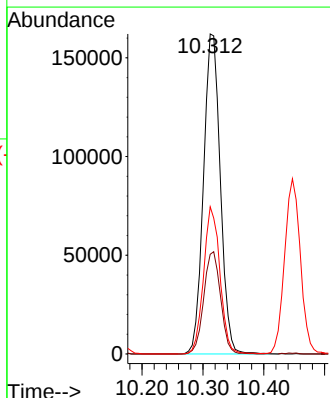
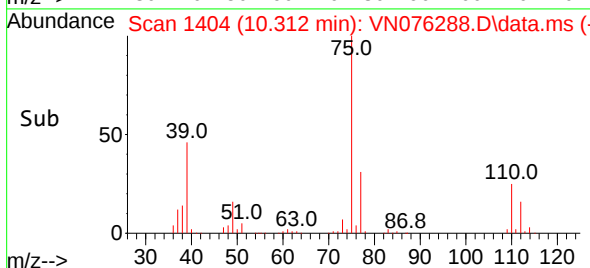
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

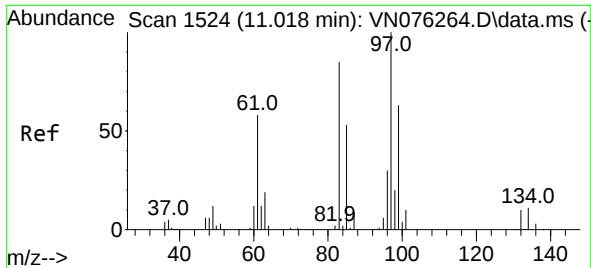


#54
cis-1,3-Dichloropropene
Concen: 52.256 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



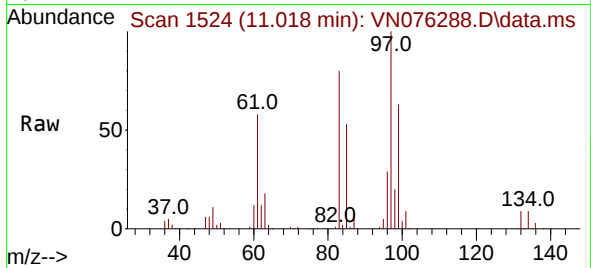
Tgt Ion: 75 Resp: 312140
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7
39 46.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.324 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

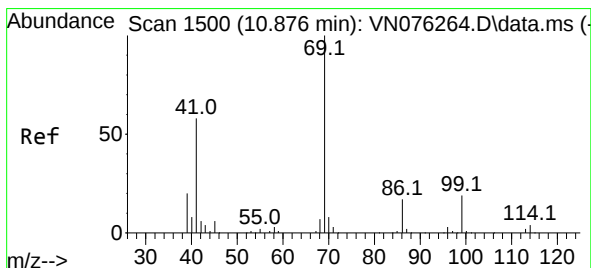
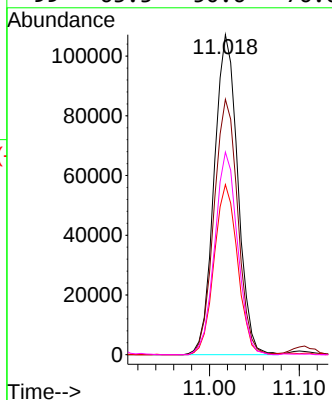
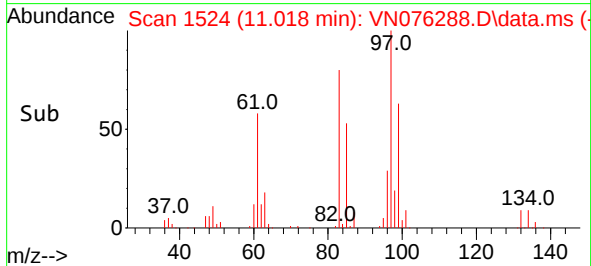
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 195862
Ion Ratio Lower Upper
97 100
83 79.8 67.8 101.6
85 53.1 42.3 63.5
99 63.3 50.6 76.0

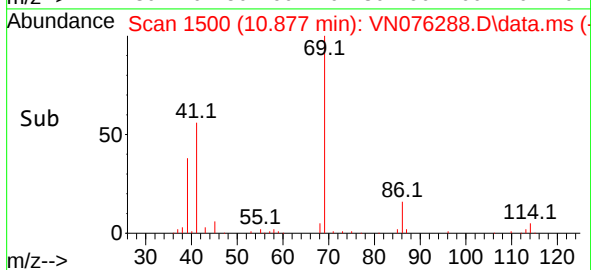
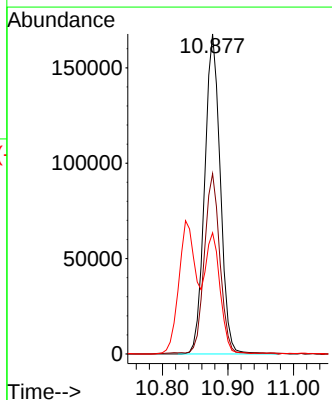
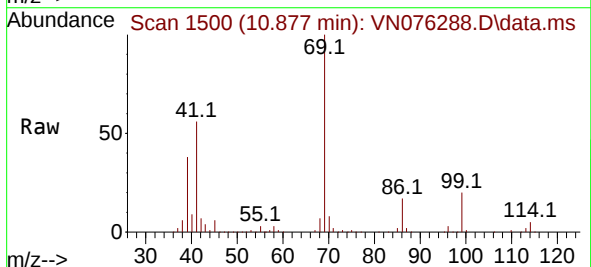
Manual Integrations
APPROVED

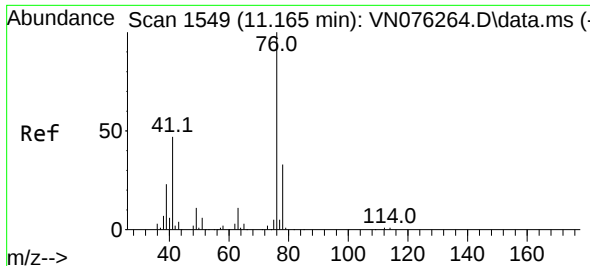
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Ethyl methacrylate
Concen: 54.221 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion: 69 Resp: 277967
Ion Ratio Lower Upper
69 100
41 55.2 45.3 67.9
39 35.1 29.3 43.9





#57

1,3-Dichloropropane

Concen: 48.682 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 314149

Ion Ratio Lower Upper

76 100

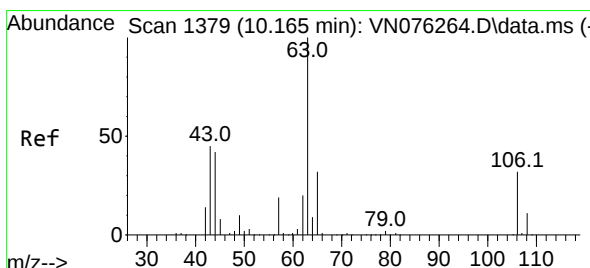
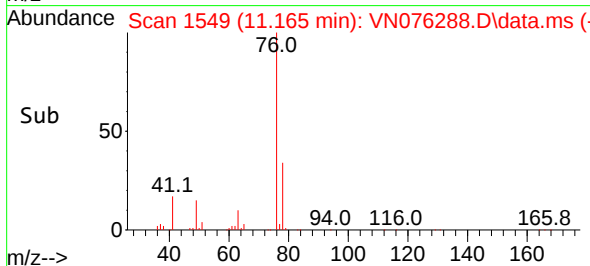
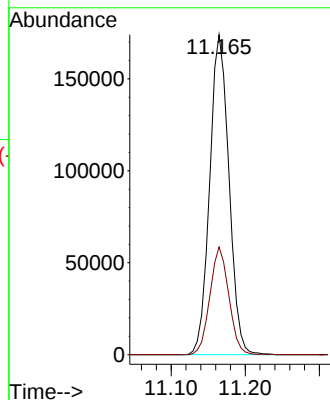
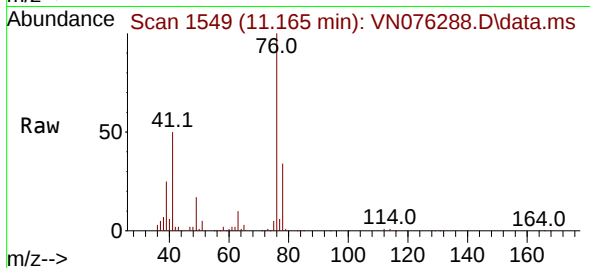
78 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.764 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076288.D

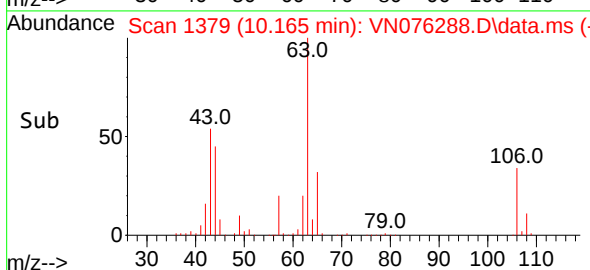
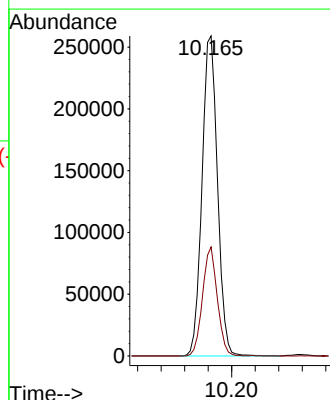
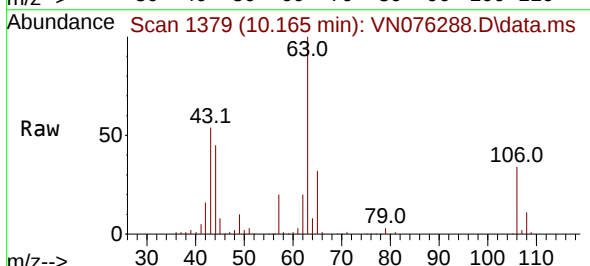
Acq: 18 Jan 2023 10:36

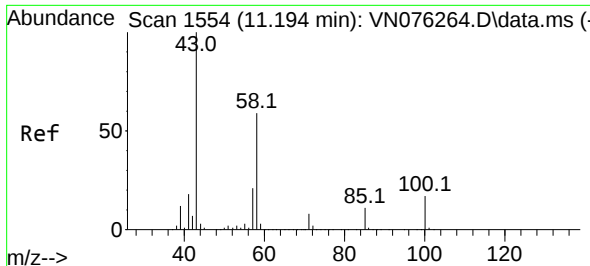
Tgt Ion: 63 Resp: 473803

Ion Ratio Lower Upper

63 100

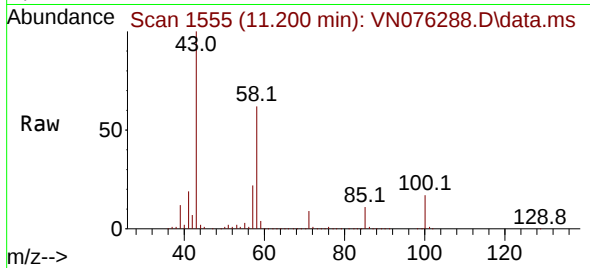
106 32.5 26.2 39.2





#59
2-Hexanone
Concen: 250.894 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

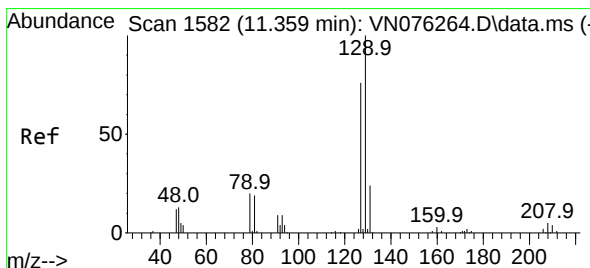
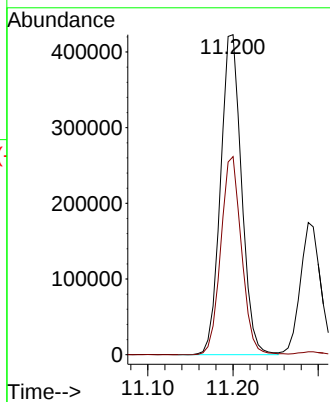
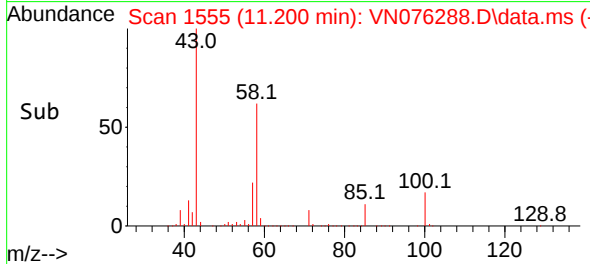
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 723540
Ion Ratio Lower Upper
43 100
58 61.1 30.1 90.3

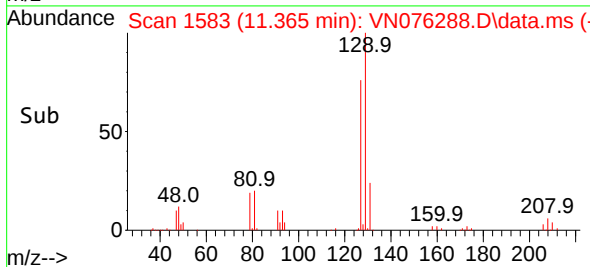
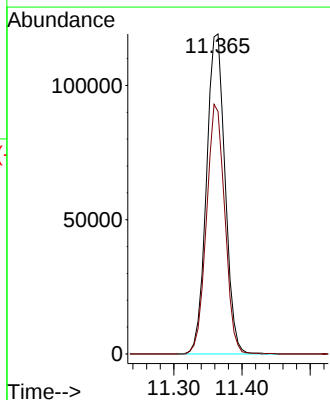
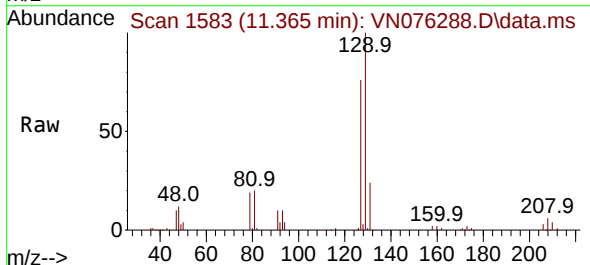
Manual Integrations
APPROVED

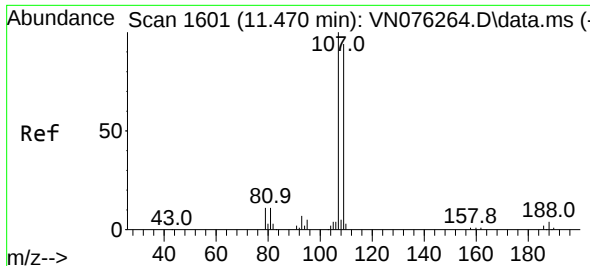
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
Dibromochloromethane
Concen: 54.014 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

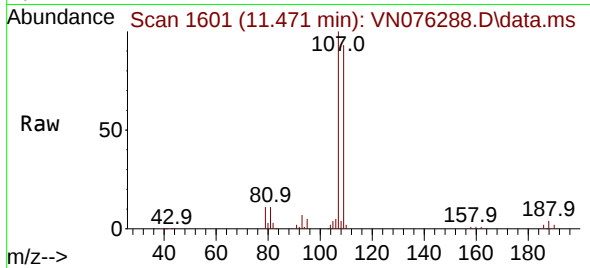
Tgt Ion:129 Resp: 225787
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.413 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

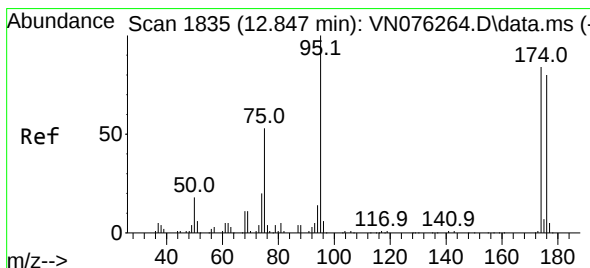
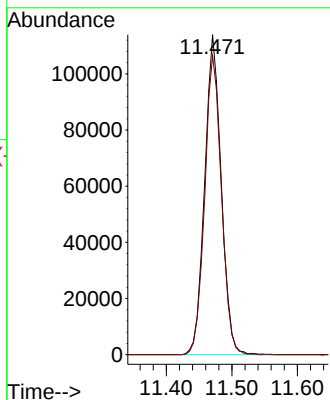
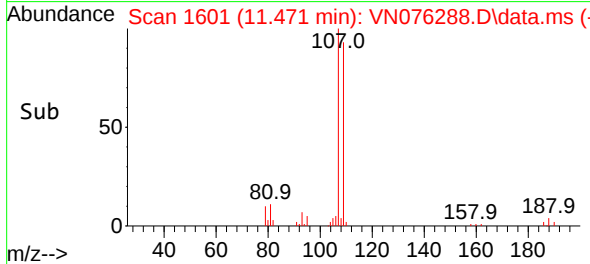
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 199819
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0

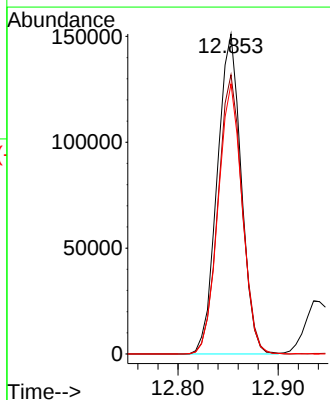
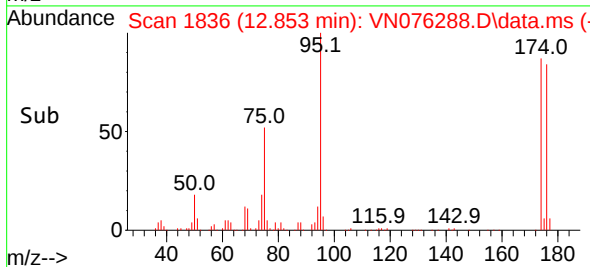
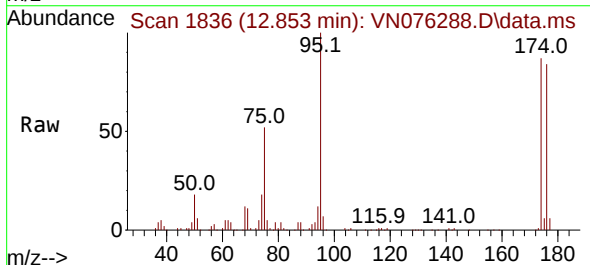
Manual Integrations
APPROVED

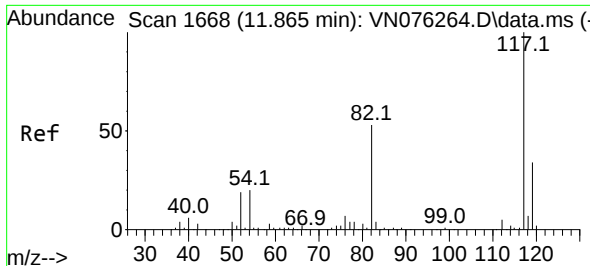
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
4-Bromofluorobenzene
Concen: 56.959 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

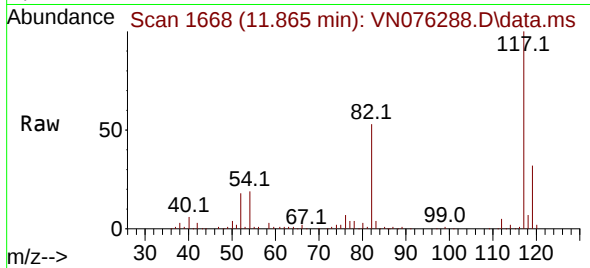
Tgt Ion: 95 Resp: 251077
Ion Ratio Lower Upper
95 100
174 87.2 0.0 174.6
176 84.5 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

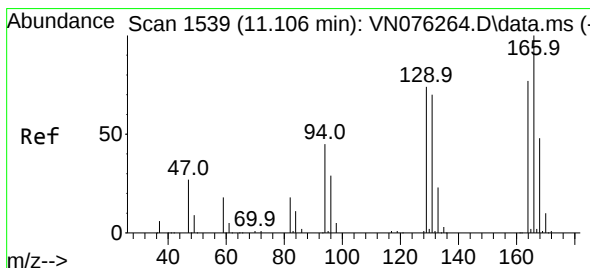
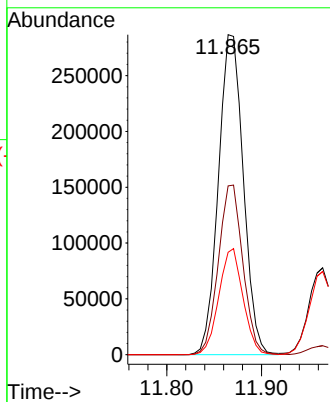
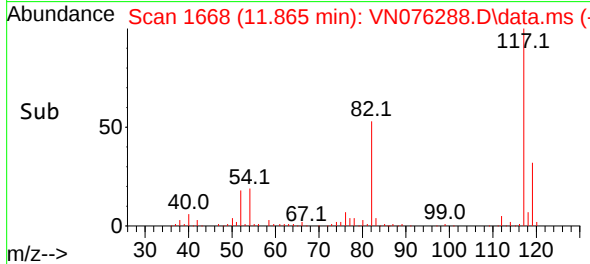
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



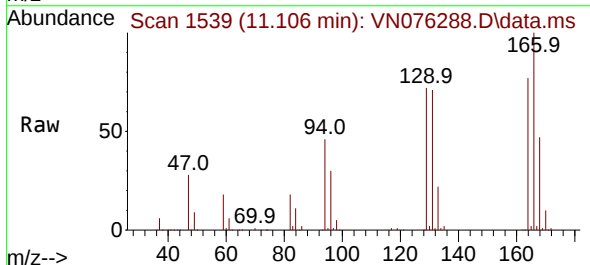
Tgt Ion:117 Resp: 52495
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.0 26.9 40.3

Manual Integrations
APPROVED

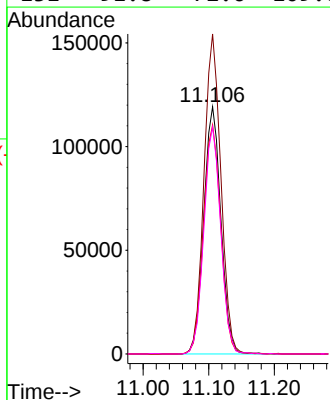
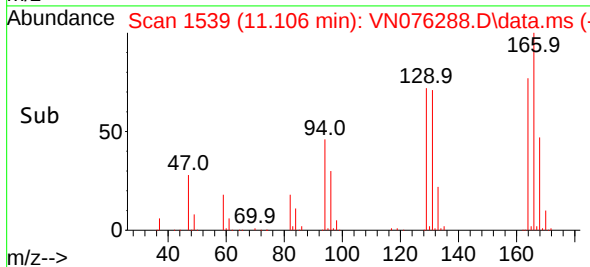
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

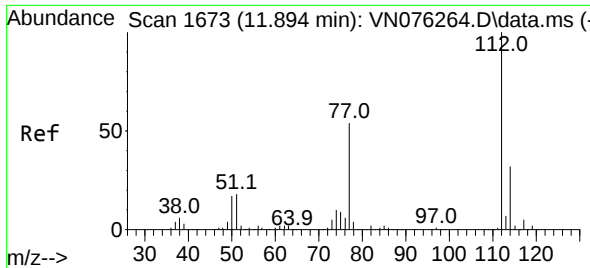


#64
Tetrachloroethene
Concen: 45.849 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



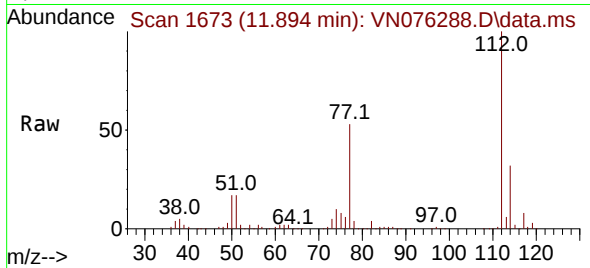
Tgt Ion:164 Resp: 217054
Ion Ratio Lower Upper
164 100
166 129.5 104.0 156.0
129 92.7 76.6 114.8
131 91.8 72.6 109.0





#65
Chlorobenzene
Concen: 49.435 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

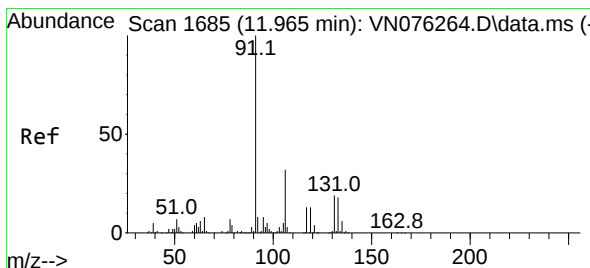
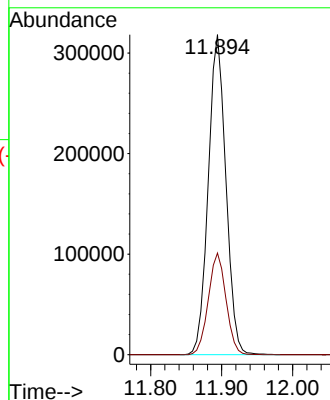
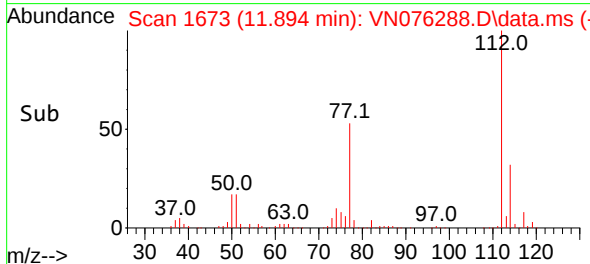
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



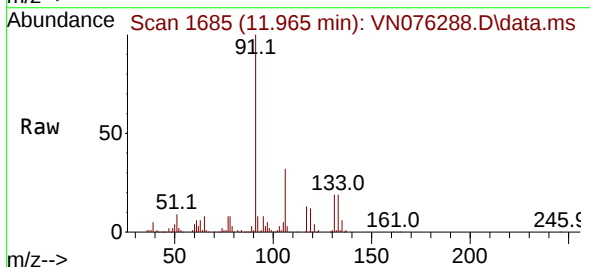
Tgt Ion:112 Resp: 54856
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

Manual Integrations
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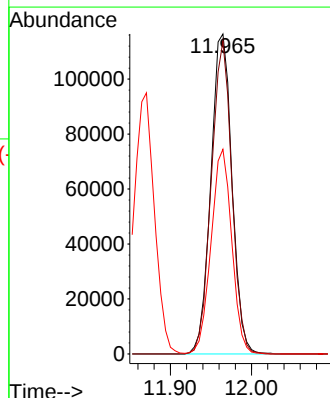
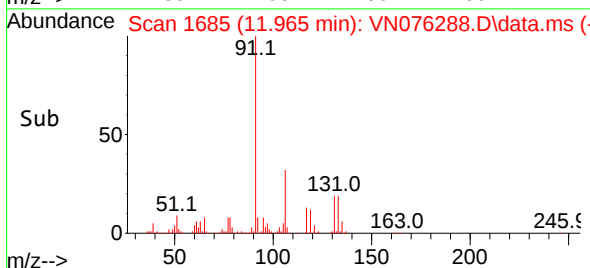
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

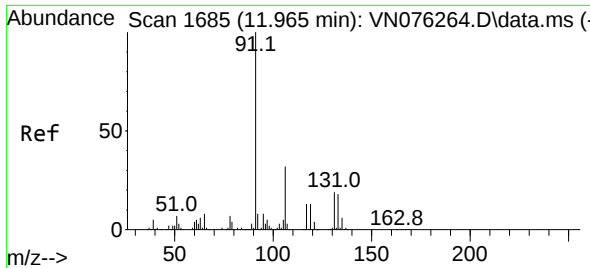


#66
1,1,1,2-Tetrachloroethane
Concen: 50.997 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion:131 Resp: 210551
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 62.7 32.3 96.8





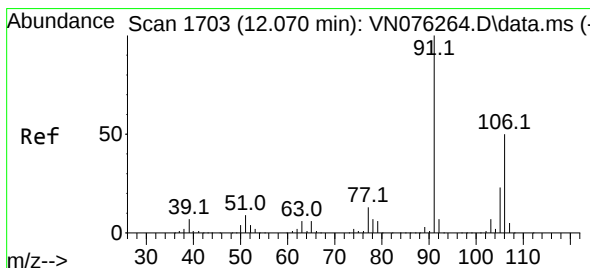
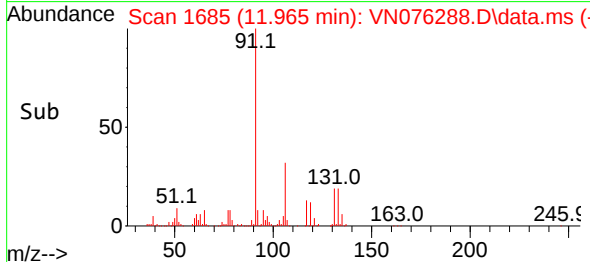
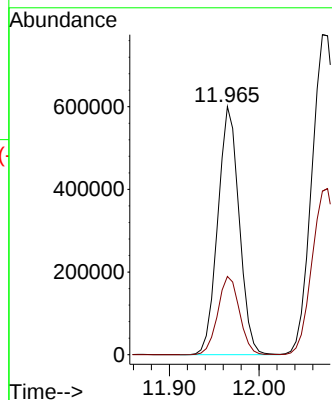
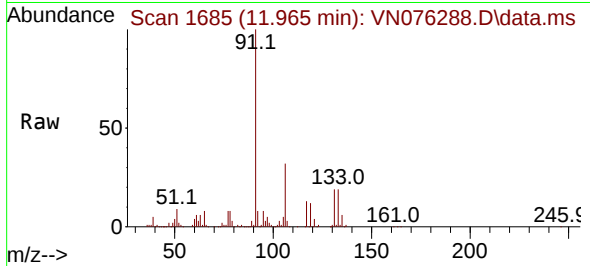
#67
Ethyl Benzene
Concen: 52.199 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 991362
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

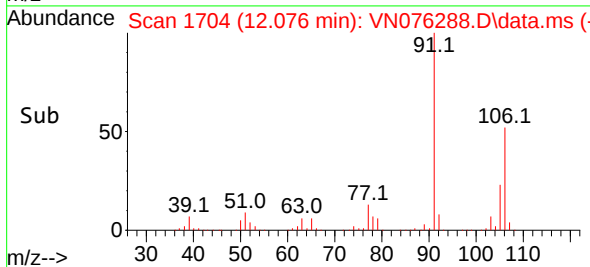
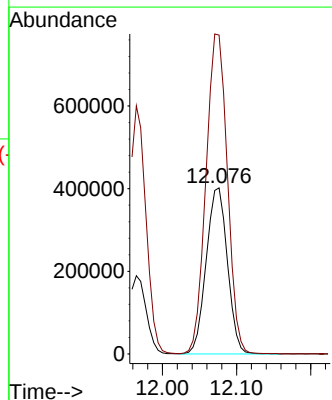
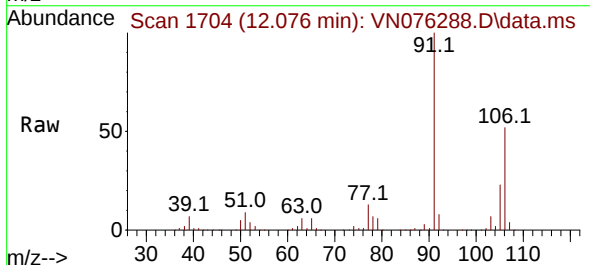
Manual Integrations
APPROVED

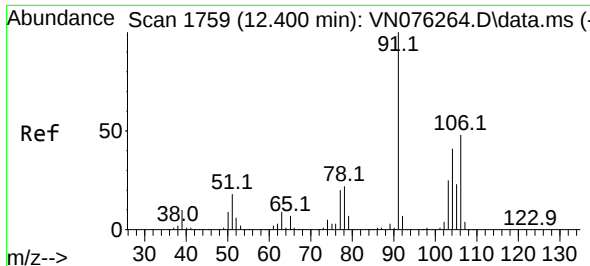
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
m/p-Xylenes
Concen: 104.854 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion:106 Resp: 798517
Ion Ratio Lower Upper
106 100
91 194.2 157.5 236.3





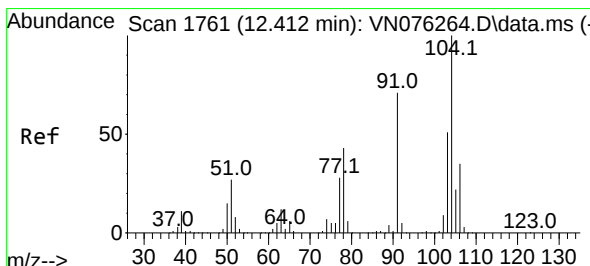
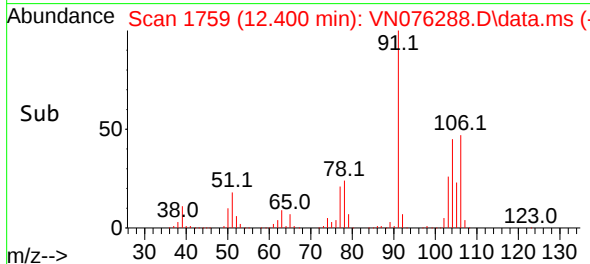
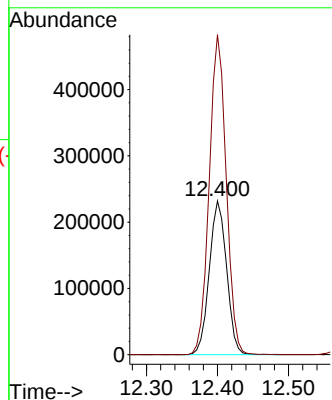
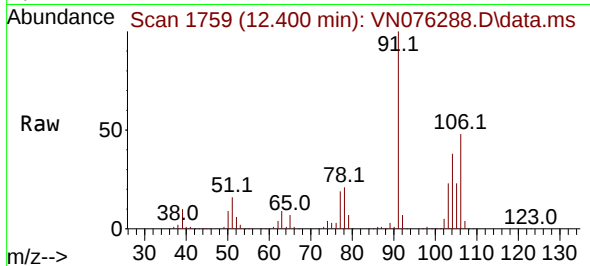
#69
o-Xylene
Concen: 52.575 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 393190
Ion Ratio Lower Upper
106 100
91 204.4 103.2 309.4

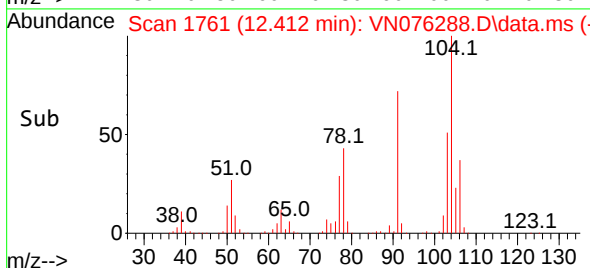
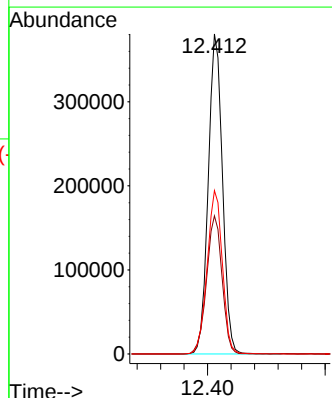
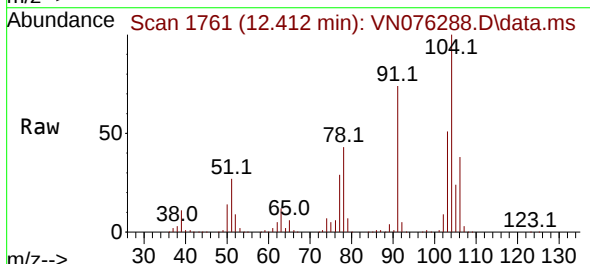
Manual Integrations
APPROVED

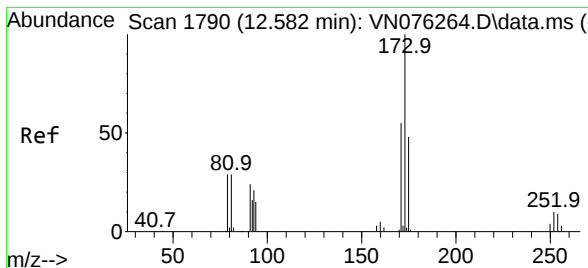
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#70
Styrene
Concen: 53.521 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion:104 Resp: 639105
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 54.7 44.2 66.2





#71

Bromoform

Concen: 52.894 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 157710

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

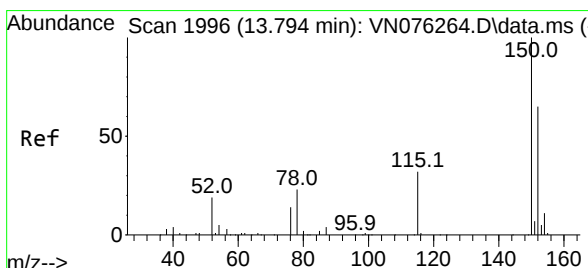
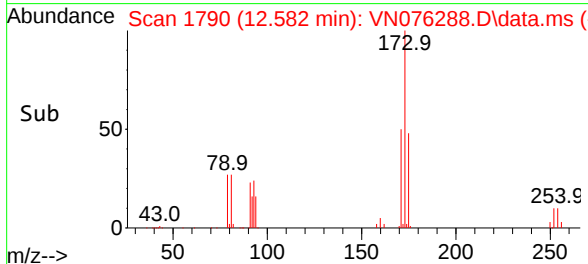
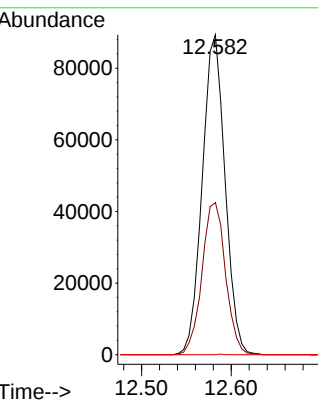
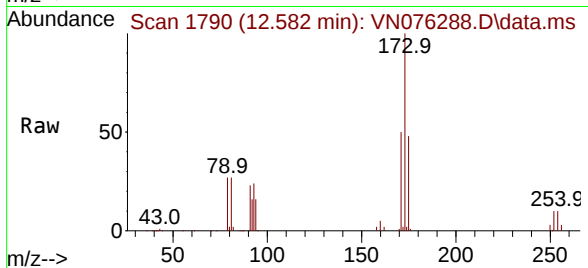
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076288.D

Acq: 18 Jan 2023 10:36

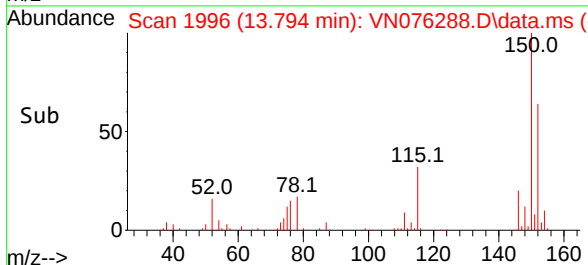
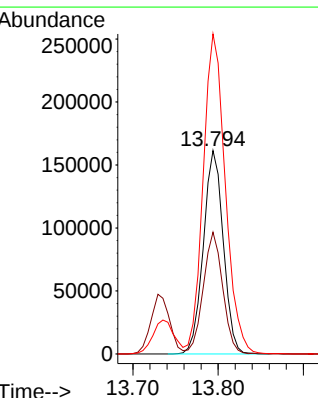
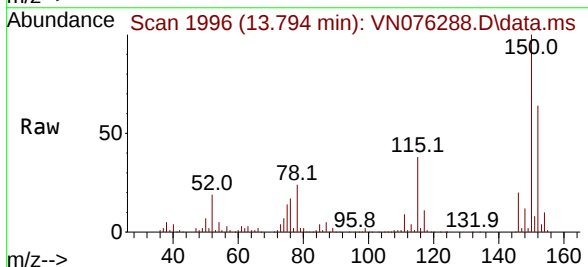
Tgt Ion:152 Resp: 262314

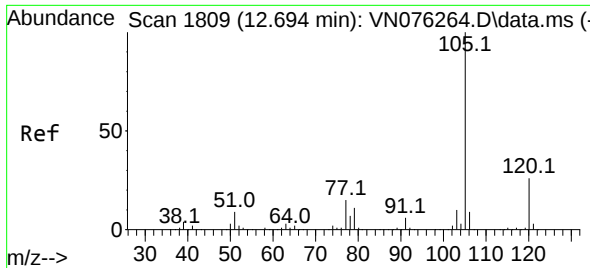
Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.9

150 174.9 0.0 351.4





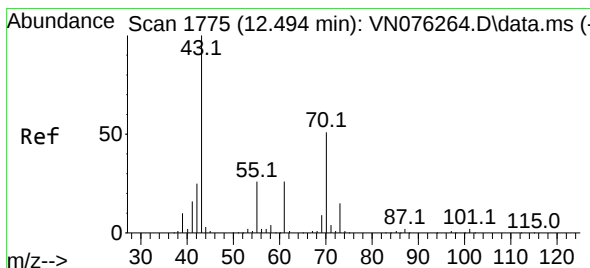
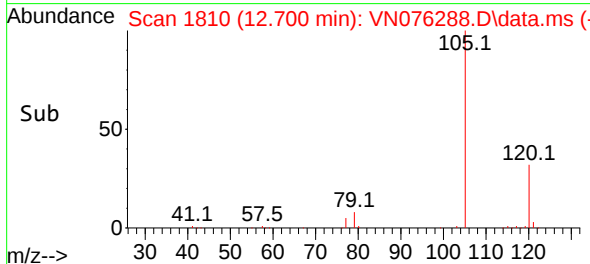
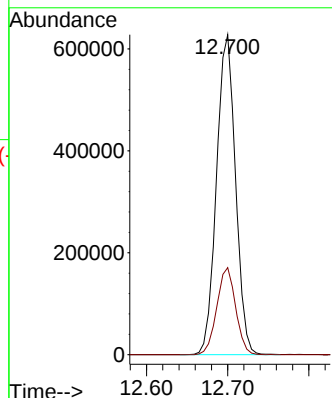
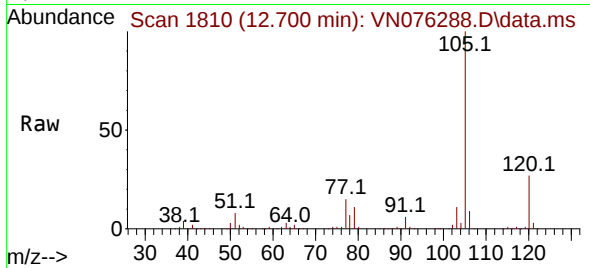
#73
Isopropylbenzene
Concen: 50.349 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1021710
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

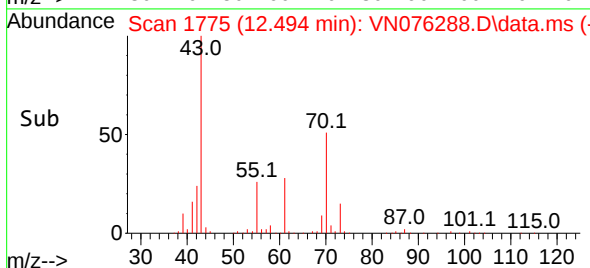
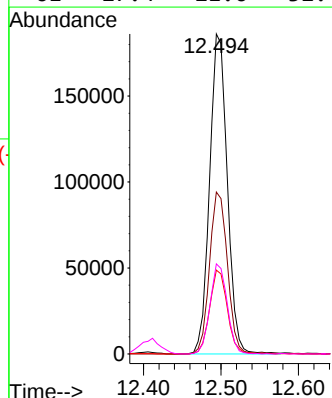
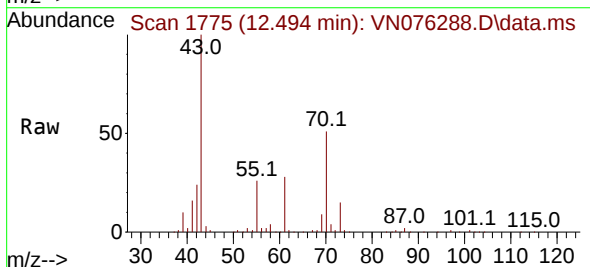
Manual Integrations
APPROVED

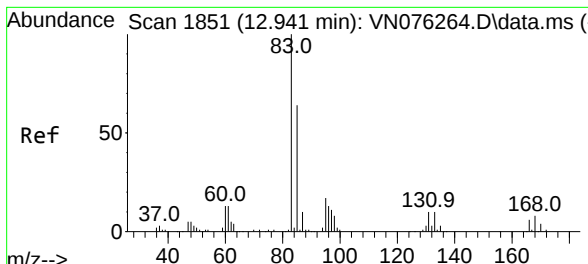
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#74
N-ethyl acetate
Concen: 50.554 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion: 43 Resp: 295094
Ion Ratio Lower Upper
43 100
70 51.1 41.2 61.8
55 26.3 21.0 31.6
61 27.4 21.6 32.4





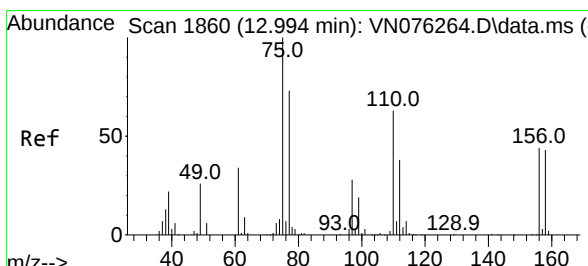
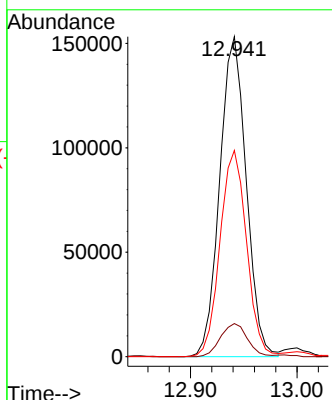
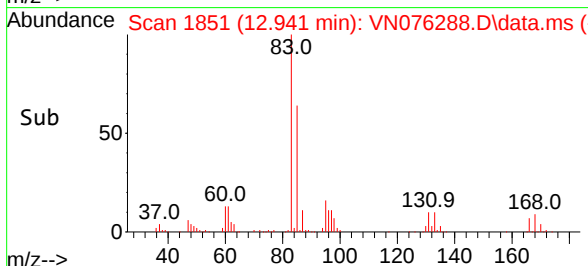
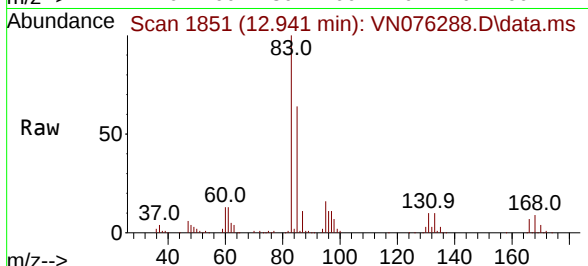
#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.387 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion:	83	Resp:	26477
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.4
85	64.5	31.7	95.1

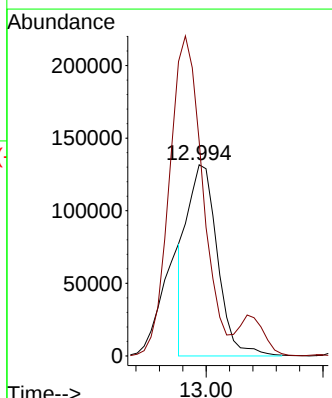
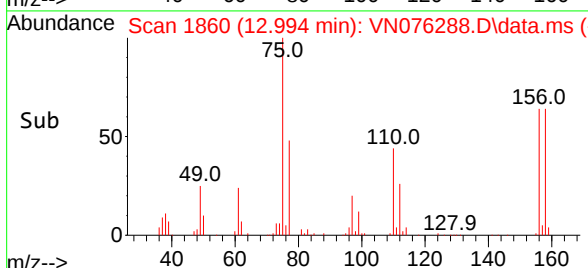
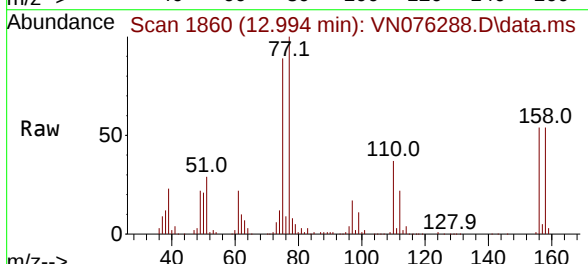
Manual Integrations
 APPROVED

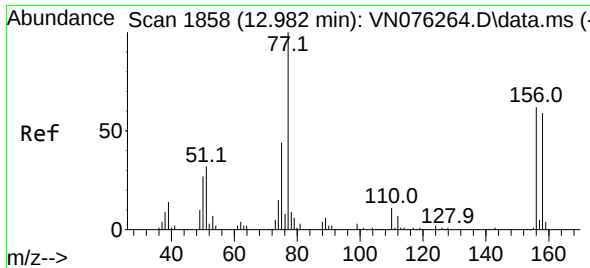
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#76
 1,2,3-Trichloropropane
 Concen: 49.856 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

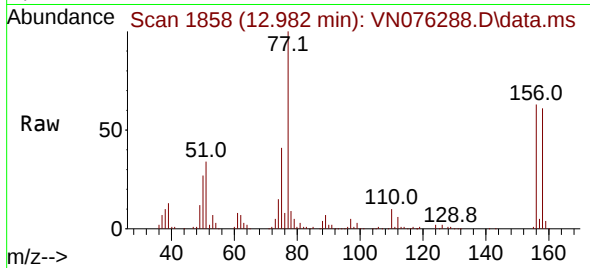
Tgt Ion:	75	Resp:	238259
Ion Ratio	Lower	Upper	
75	100		
77	181.9	75.2	225.6





#77
Bromobenzene
Concen: 50.118 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

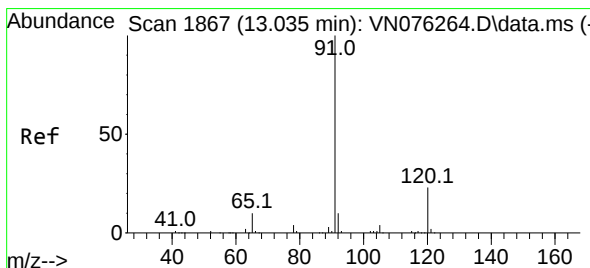
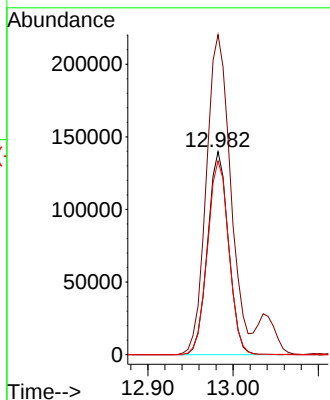
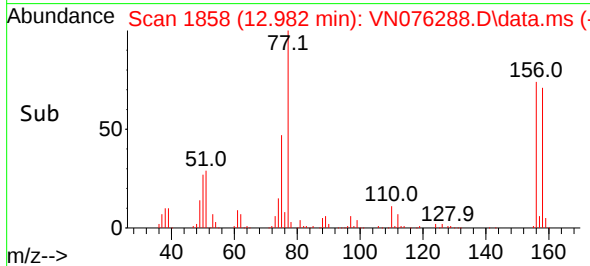
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



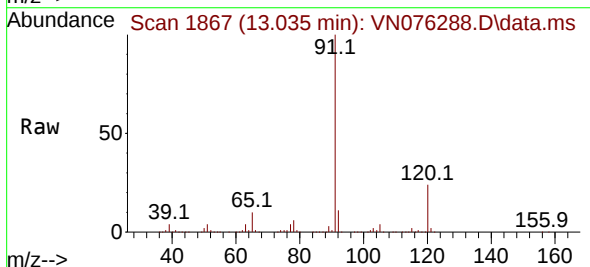
Tgt Ion:156 Resp: 237770
Ion Ratio Lower Upper
156 100
77 182.2 93.4 280.2
158 97.8 48.4 145.2

Manual Integrations
APPROVED

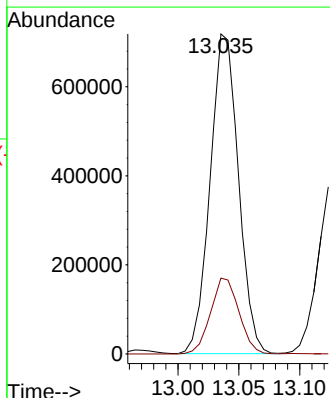
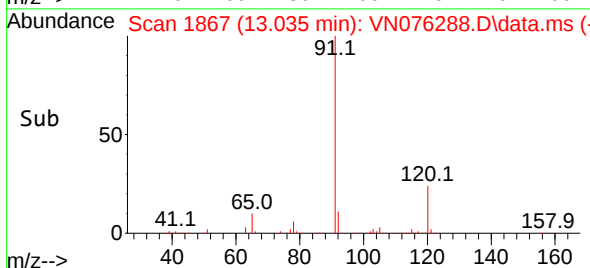
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

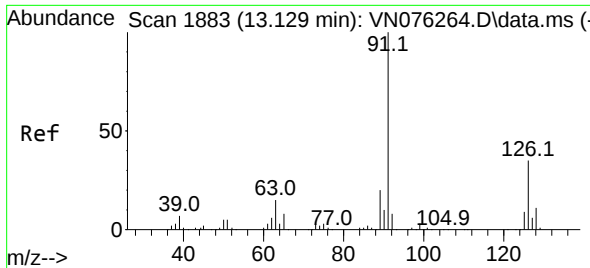


#78
n-propylbenzene
Concen: 50.859 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion: 91 Resp: 1164508
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





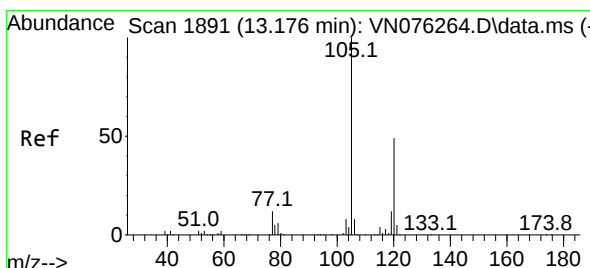
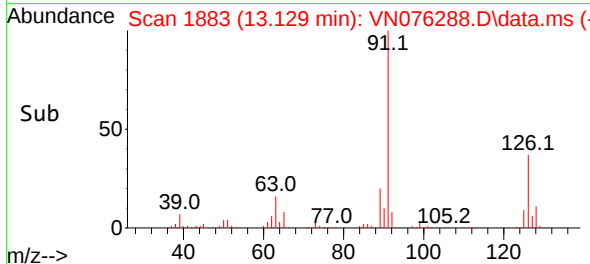
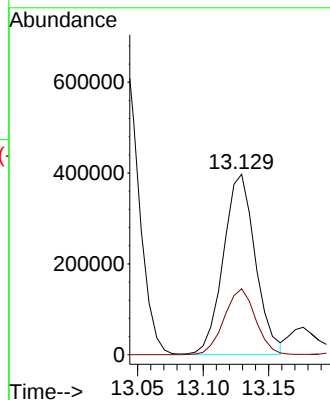
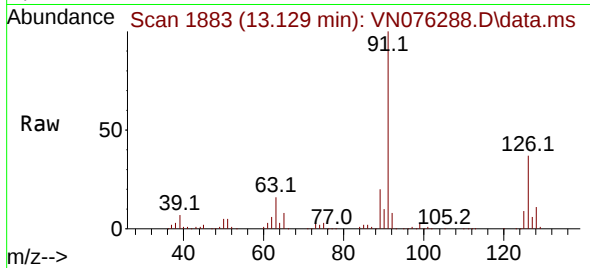
#79
2-Chlorotoluene
Concen: 47.999 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 67441
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.2

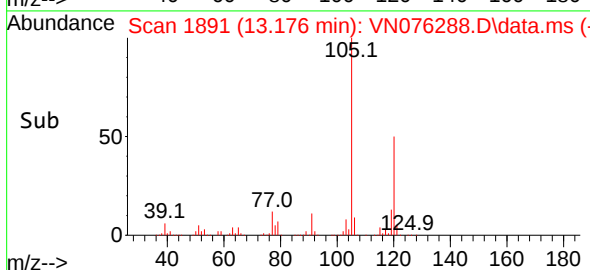
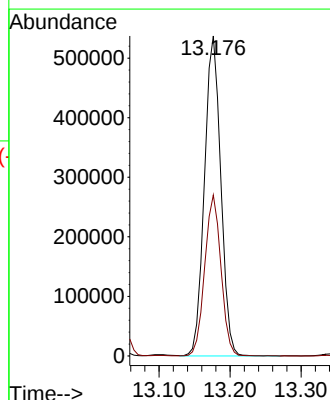
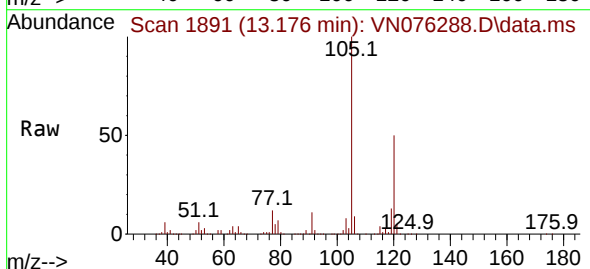
Manual Integrations
APPROVED

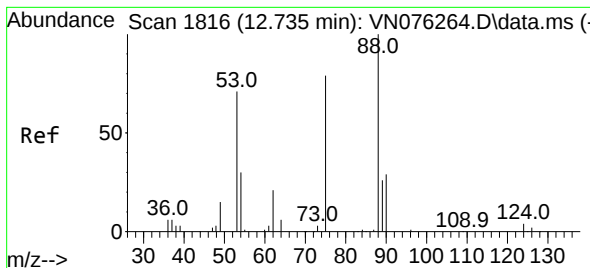
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.612 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion:105 Resp: 860415
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0





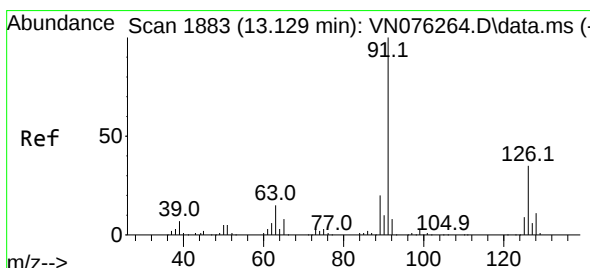
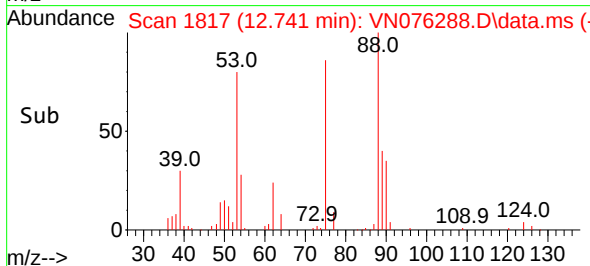
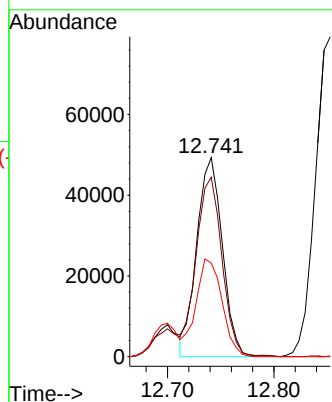
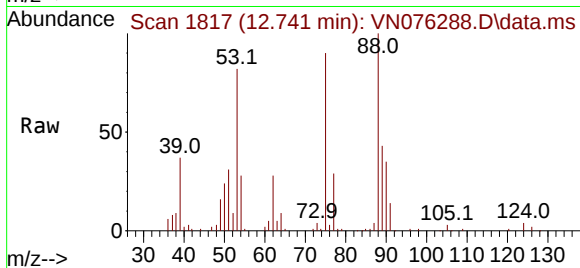
#81
trans-1,4-Dichloro-2-butene
Concen: 52.558 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8286
Ion Ratio Lower Upper
75 100
53 91.1 75.8 113.8
89 50.1 37.0 55.6

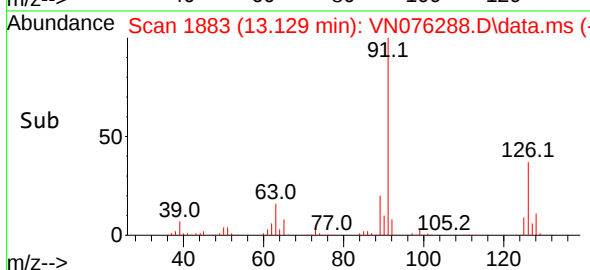
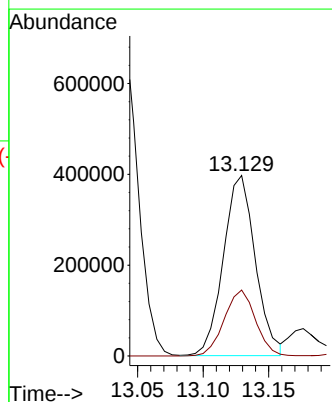
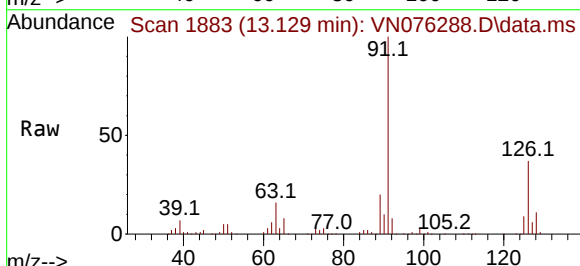
Manual Integrations
APPROVED

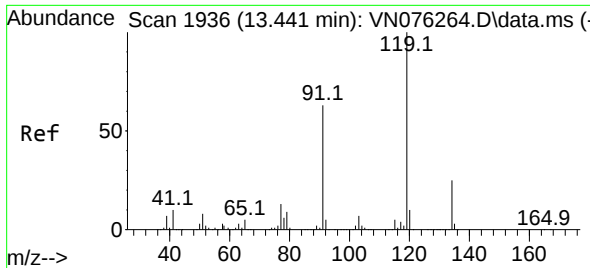
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#82
4-Chlorotoluene
Concen: 47.999 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

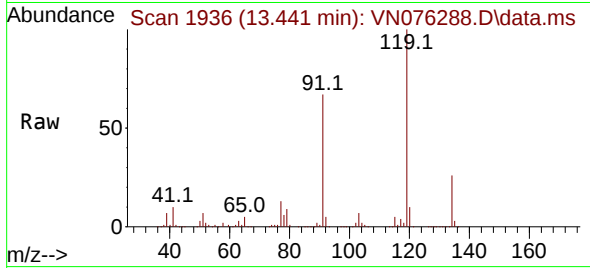
Tgt Ion: 91 Resp: 674411
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.2





#83
tert-Butylbenzene
Concen: 49.875 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

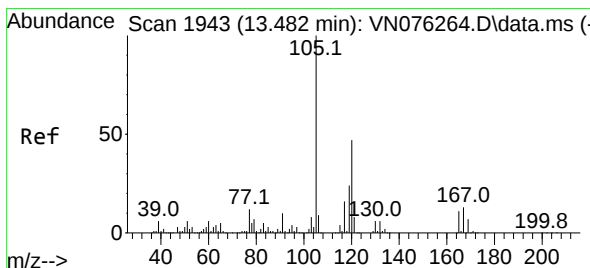
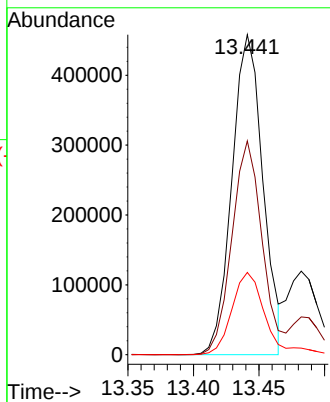
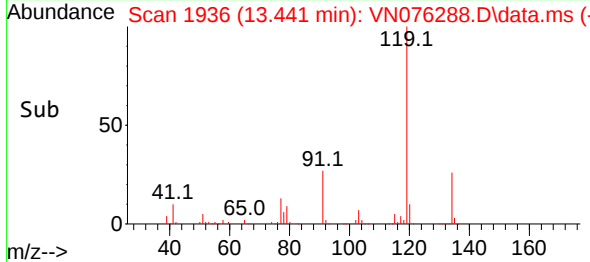
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



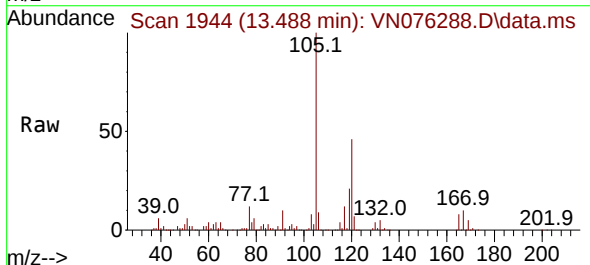
Tgt Ion:119 Resp: 754129
Ion Ratio Lower Upper
119 100
91 65.8 32.2 96.6
134 27.6 13.6 40.8

Manual Integrations
APPROVED

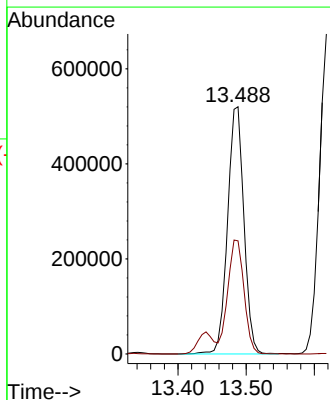
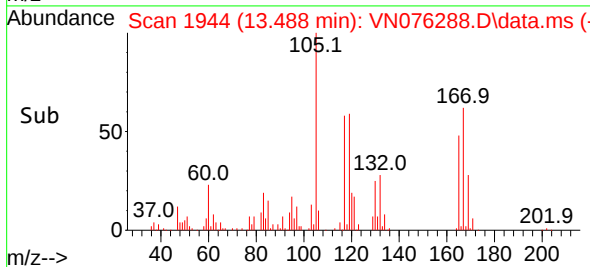
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

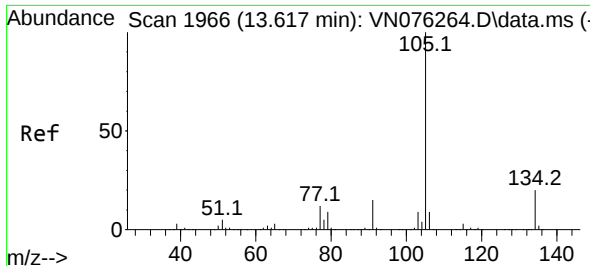


#84
1,2,4-Trimethylbenzene
Concen: 50.894 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion:105 Resp: 867587
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.5





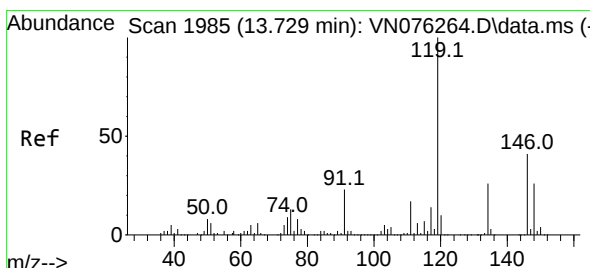
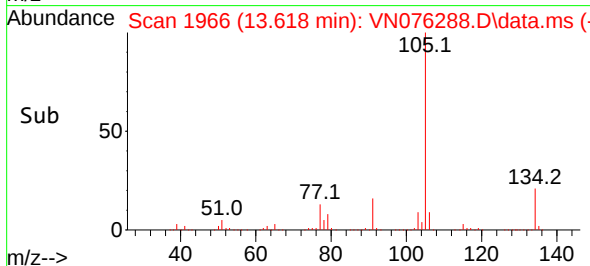
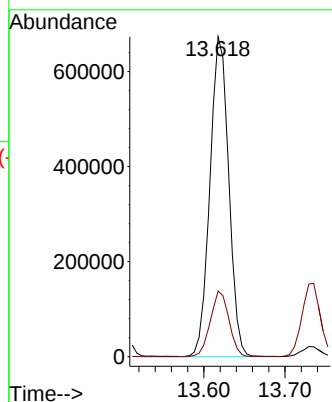
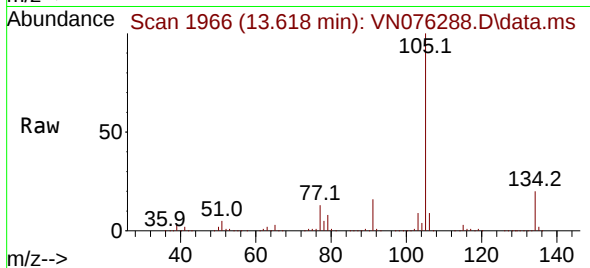
#85
 sec-Butylbenzene
 Concen: 51.645 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 108355
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

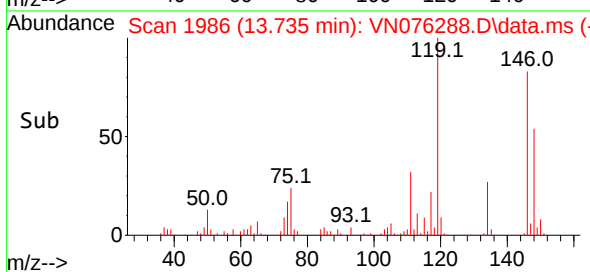
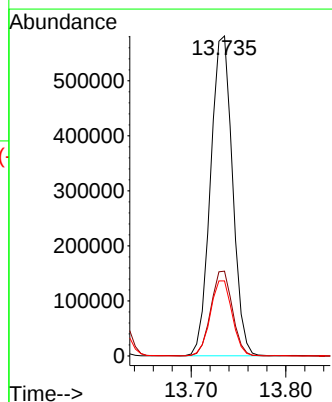
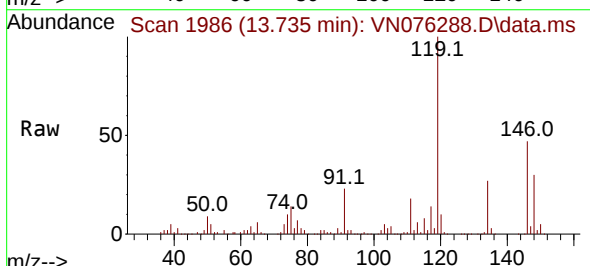
Manual Integrations
 APPROVED

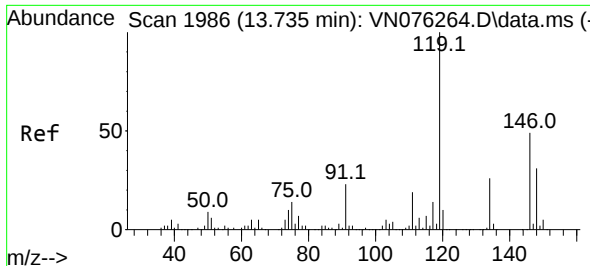
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#86
 p-Isopropyltoluene
 Concen: 54.113 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

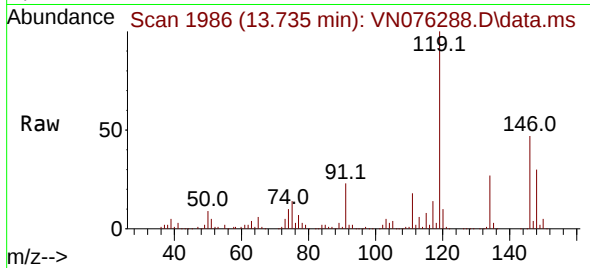
Tgt Ion:119 Resp: 933590
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 23.4 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 48.199 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36

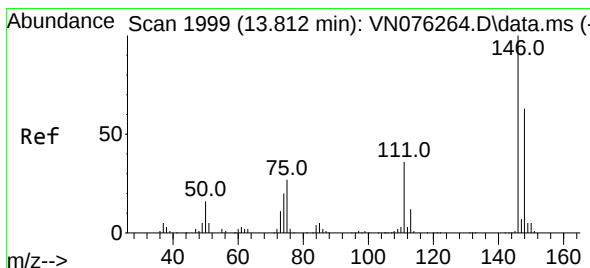
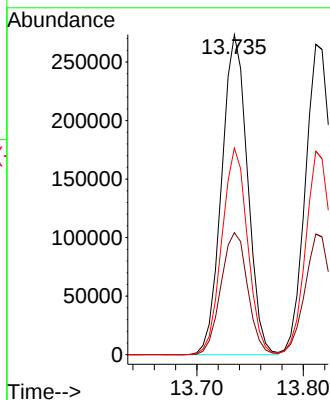
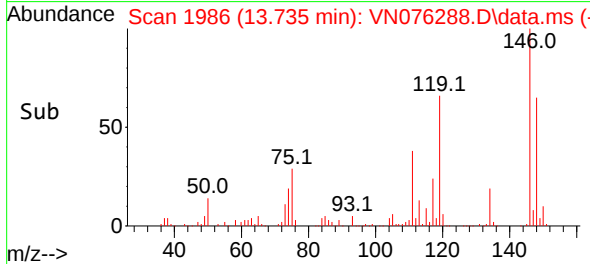
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



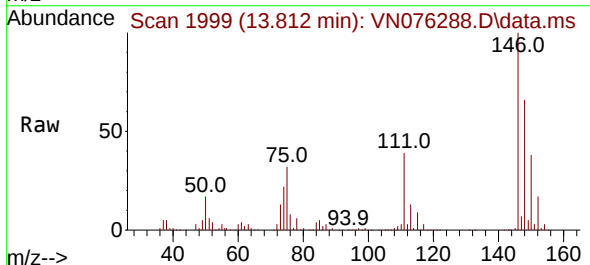
Tgt Ion:146 Resp: 460999
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 64.1 31.6 94.8

Manual Integrations
 APPROVED

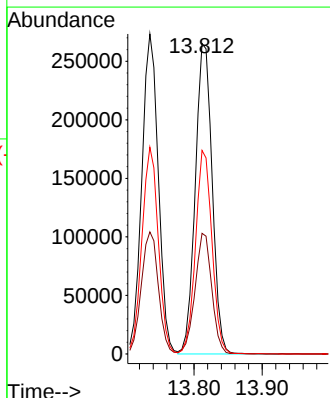
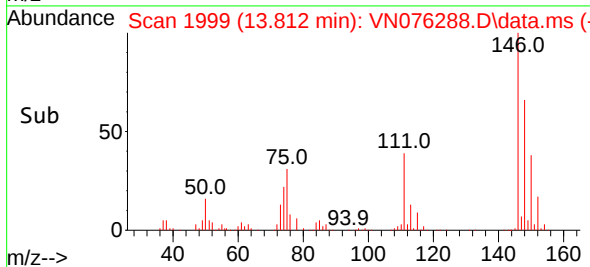
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

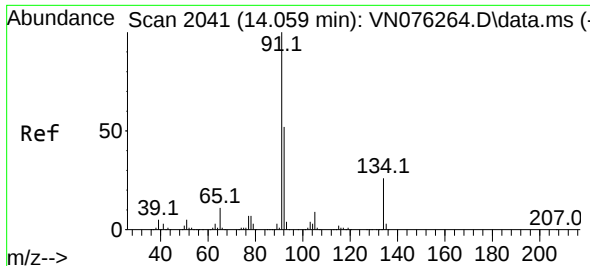


#88
 1,4-Dichlorobenzene
 Concen: 50.172 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076288.D
 Acq: 18 Jan 2023 10:36



Tgt Ion:146 Resp: 456489
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 63.9 31.9 95.9





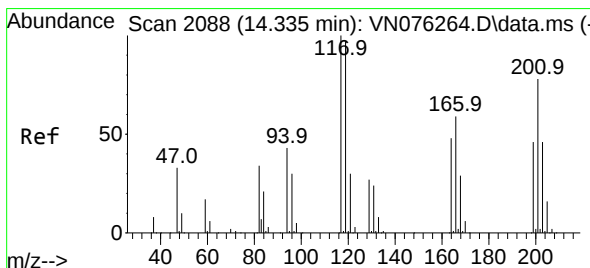
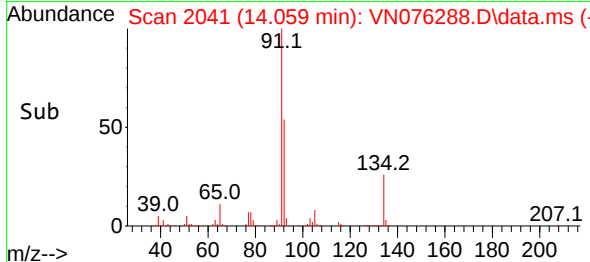
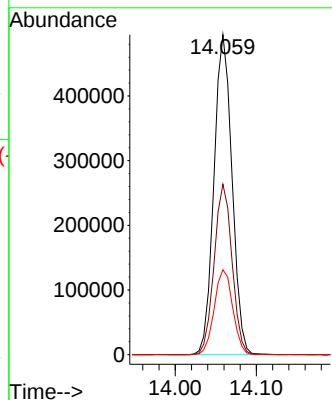
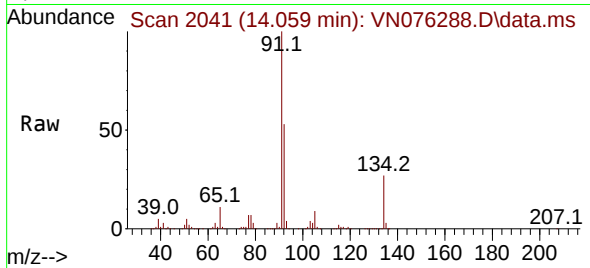
#89
n-Butylbenzene
Concen: 55.895 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 765518
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 27.2 13.2 39.5

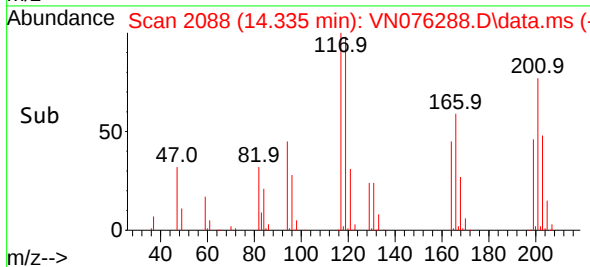
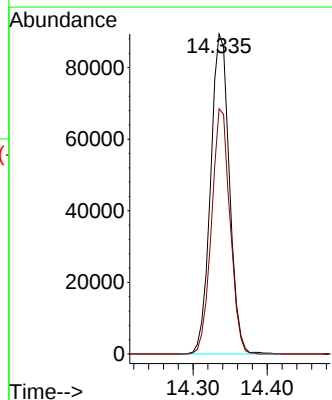
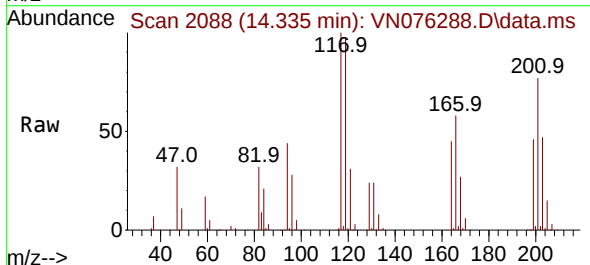
Manual Integrations
APPROVED

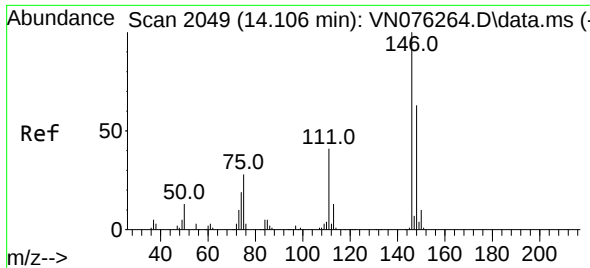
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachloroethane
Concen: 52.848 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Tgt Ion:117 Resp: 157365
Ion Ratio Lower Upper
117 100
201 75.1 37.3 111.9





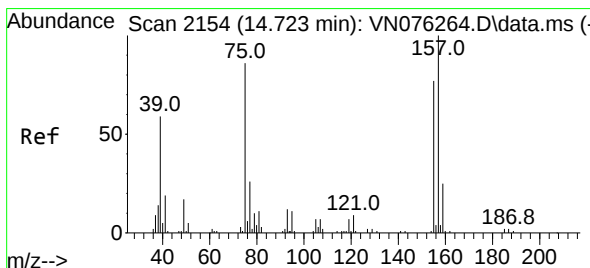
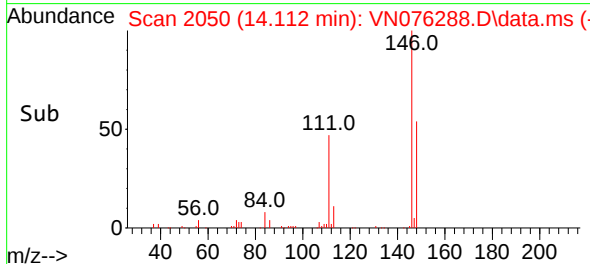
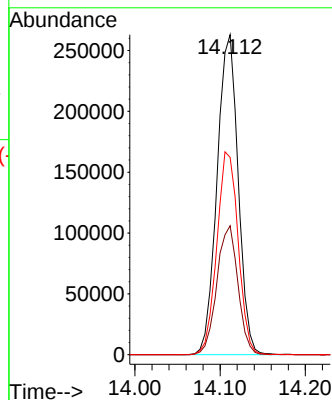
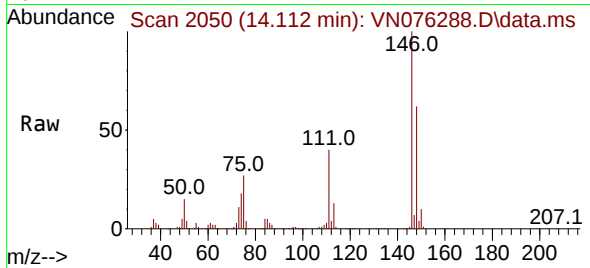
#91
1,2-Dichlorobenzene
Concen: 47.526 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 452750
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 64.1 31.8 95.4

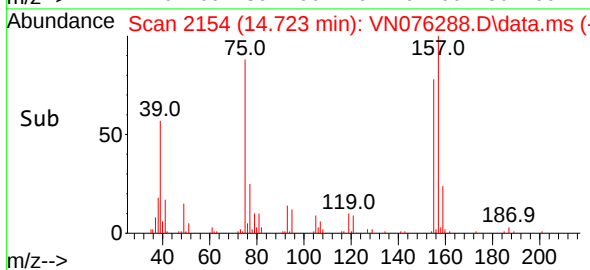
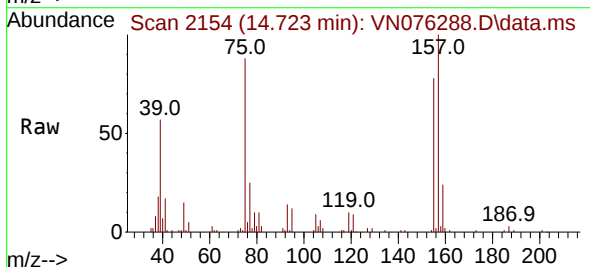
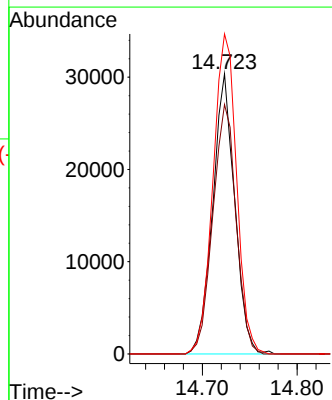
Manual Integrations
APPROVED

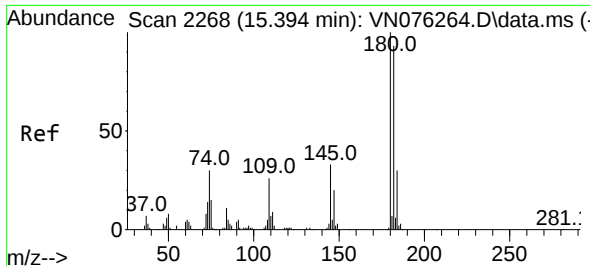
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.335 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

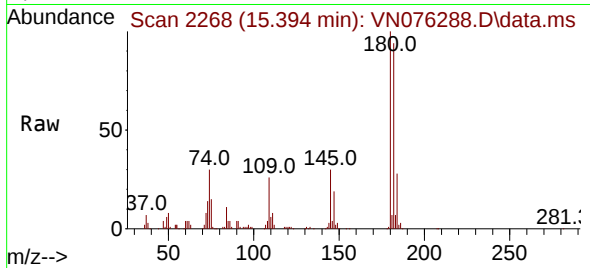
Tgt Ion: 75 Resp: 49013
Ion Ratio Lower Upper
75 100
155 94.0 45.0 135.0
157 122.2 58.3 174.9





#93
1,2,4-Trichlorobenzene
Concen: 52.962 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

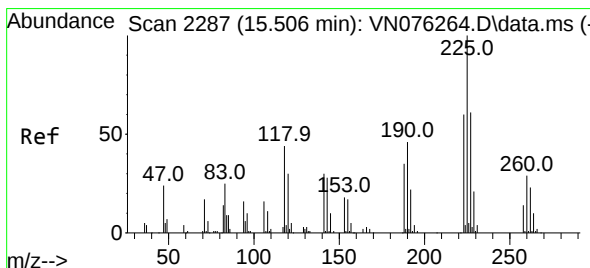
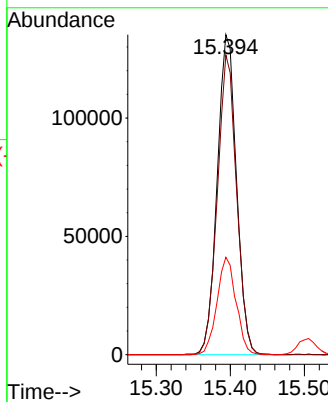
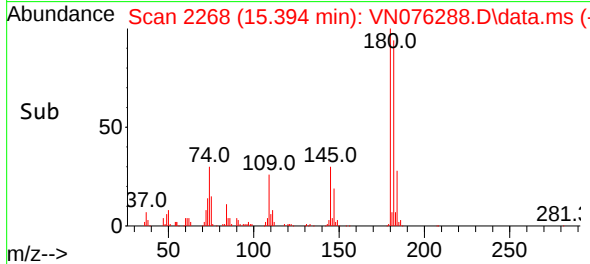
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



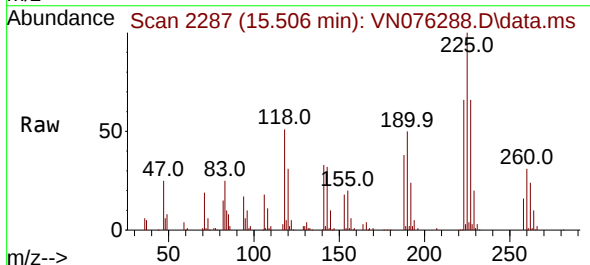
Tgt Ion:180 Resp: 24415
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.2
145 30.1 15.2 45.5

Manual Integrations
APPROVED

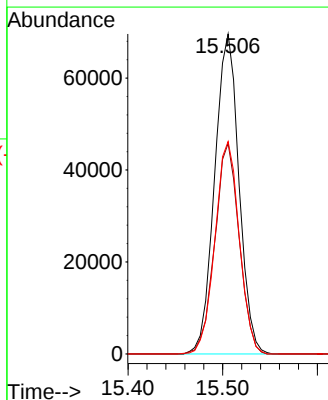
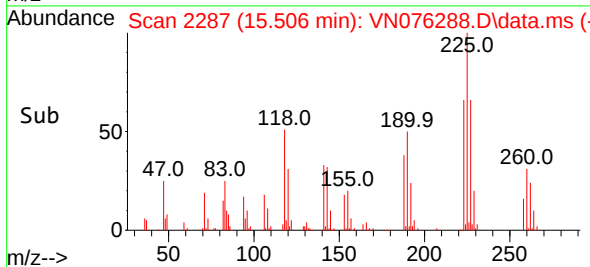
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

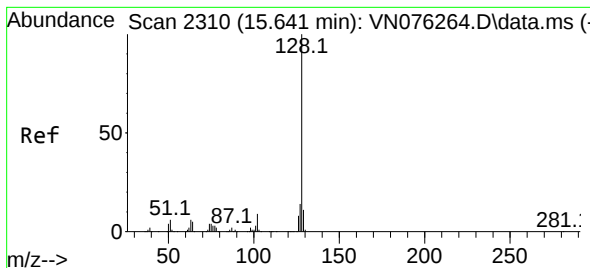


#94
Hexachlorobutadiene
Concen: 49.069 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



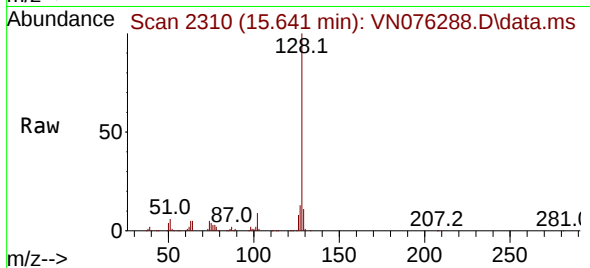
Tgt Ion:225 Resp: 124047
Ion Ratio Lower Upper
225 100
223 65.8 30.8 92.3
227 66.6 30.9 92.8





#95
Naphthalene
Concen: 49.611 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36

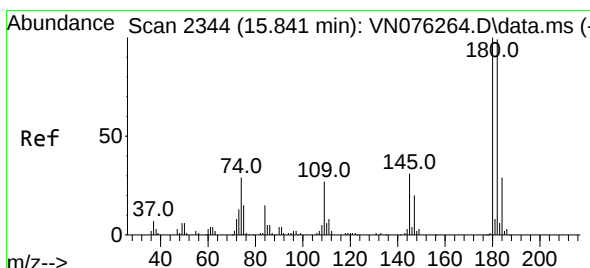
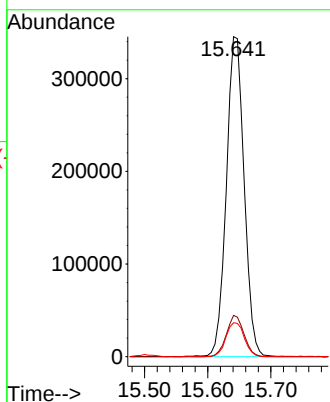
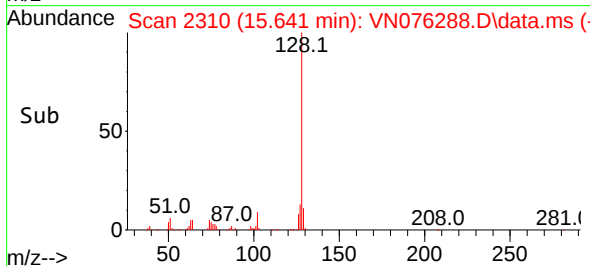
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



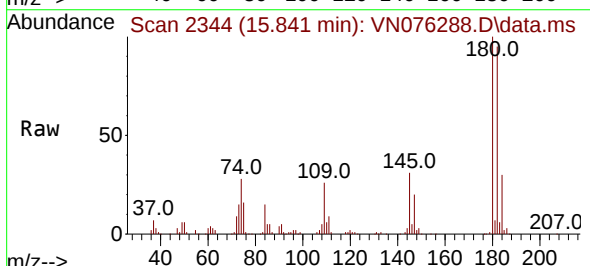
Tgt Ion:128 Resp: 675950
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.387 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076288.D
Acq: 18 Jan 2023 10:36



Tgt Ion:180 Resp: 225611
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 32.2 15.9 47.6

