

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077803.D
 Acq On : 22 May 2023 20:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 04:22:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	414793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	739576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	654667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	289413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	296912	47.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.171	113	260980	54.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.240%		
50) Toluene-d8	10.576	98	976183	52.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.180%		
62) 4-Bromofluorobenzene	12.853	95	328529	50.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	211764	44.859	ug/l	99
3) Chloromethane	2.371	50	208152	41.276	ug/l	97
4) Vinyl Chloride	2.518	62	266076	44.706	ug/l	98
5) Bromomethane	2.948	94	194164	44.110	ug/l	100
6) Chloroethane	3.118	64	180936	42.184	ug/l	97
7) Trichlorofluoromethane	3.506	101	387580	46.728	ug/l	96
8) Diethyl Ether	3.965	74	139276	45.996	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	218658	47.636	ug/l	98
10) Methyl Iodide	4.600	142	297507	54.347	ug/l	98
11) Tert butyl alcohol	5.536	59	187571	218.987	ug/l	99
12) 1,1-Dichloroethene	4.347	96	205435	47.089	ug/l	90
13) Acrolein	4.183	56	149862	285.294	ug/l	96
14) Allyl chloride	5.030	41	297282	46.385	ug/l	91
15) Acrylonitrile	5.730	53	512162	223.813	ug/l	99
16) Acetone	4.436	43	397430	203.538	ug/l	97
17) Carbon Disulfide	4.718	76	458383	38.995	ug/l	99
18) Methyl Acetate	5.036	43	361876	44.177	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	738621	46.774	ug/l	99
20) Methylene Chloride	5.289	84	246266	48.393	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	222686	45.441	ug/l	89
22) Diisopropyl ether	6.683	45	680131	45.275	ug/l	93
23) Vinyl Acetate	6.612	43	2027516	217.837	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	437371	47.523	ug/l	97
25) 2-Butanone	7.488	43	638373	208.997	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	336232	43.002	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	283800	48.298	ug/l	95
28) Bromochloromethane	7.818	49	194309	48.818	ug/l	95
29) Tetrahydrofuran	7.847	42	421790	210.891	ug/l	86
30) Chloroform	7.977	83	479874	47.400	ug/l	94
31) Cyclohexane	8.265	56	351268	41.643	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	426984	49.607	ug/l	98
36) 1,1-Dichloropropene	8.377	75	328590	46.582	ug/l	98
37) Ethyl Acetate	7.571	43	266544	42.395	ug/l #	94
38) Carbon Tetrachloride	8.371	117	371584	52.167	ug/l	98
39) Methylcyclohexane	9.612	83	397866	46.072	ug/l	93
40) Benzene	8.612	78	1006586	48.357	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	154783	46.227	ug/l	88
42) 1,2-Dichloroethane	8.677	62	349391	46.206	ug/l	99
43) Isopropyl Acetate	8.694	43	468905	45.660	ug/l	96
44) Trichloroethene	9.359	130	275610	52.290	ug/l	98
45) 1,2-Dichloropropane	9.629	63	263761	49.677	ug/l	99
46) Dibromomethane	9.718	93	184211	48.485	ug/l	94
47) Bromodichloromethane	9.894	83	374405	51.473	ug/l	97
48) Methyl methacrylate	9.688	41	222418	45.681	ug/l	87
49) 1,4-Dioxane	9.700	88	88874	966.419	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	1411956	231.303	ug/l	94
52) Toluene	10.635	92	644663	49.747	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	385696	50.072	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	408583	48.134	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	261009	50.726	ug/l	97
56) Ethyl methacrylate	10.882	69	374460	48.131	ug/l	92
57) 1,3-Dichloropropane	11.171	76	429910	48.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	855804	223.597	ug/l	94
59) 2-Hexanone	11.200	43	999858	221.446	ug/l	93
60) Dibromochloromethane	11.365	129	289783	54.553	ug/l	100
61) 1,2-Dibromoethane	11.476	107	265607	51.743	ug/l	97
64) Tetrachloroethene	11.112	164	259819	56.751	ug/l	98
65) Chlorobenzene	11.900	112	704833	49.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	271297	55.245	ug/l	98
67) Ethyl Benzene	11.970	91	1262177	49.627	ug/l	100
68) m/p-Xylenes	12.076	106	985577	102.270	ug/l	98
69) o-Xylene	12.406	106	487887	51.479	ug/l	99
70) Styrene	12.418	104	769136	51.086	ug/l	98
71) Bromoform	12.588	173	182122	55.749	ug/l #	99
73) Isopropylbenzene	12.700	105	1265428	50.724	ug/l	99
74) N-amyl acetate	12.500	43	383345	41.572	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	354267	46.160	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	305561m	42.158	ug/l	
77) Bromobenzene	12.988	156	281707	49.481	ug/l	96
78) n-propylbenzene	13.041	91	1442145	49.033	ug/l	99
79) 2-Chlorotoluene	13.129	91	858566	48.920	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1060304	50.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	98935	43.633	ug/l	91
82) 4-Chlorotoluene	13.229	91	822987	47.130	ug/l	97
83) tert-Butylbenzene	13.447	119	947835	51.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1057556	51.285	ug/l	97
85) sec-Butylbenzene	13.623	105	1317216	50.635	ug/l	99
86) p-Isopropyltoluene	13.735	119	1086672	52.398	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	504596	47.926	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	496728	47.544	ug/l	99
89) n-Butylbenzene	14.064	91	899889	47.176	ug/l	98
90) Hexachloroethane	14.341	117	186627	54.778	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	507848	51.632	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	63665	42.847	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	235630	40.994	ug/l	97
94) Hexachlorobutadiene	15.506	225	118294	49.568	ug/l	99
95) Naphthalene	15.647	128	727948	36.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	243595	43.285	ug/l	98

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MSVOA_N
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VSTDCCC050EC

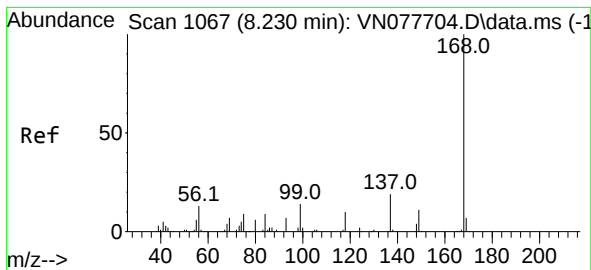
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:22:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

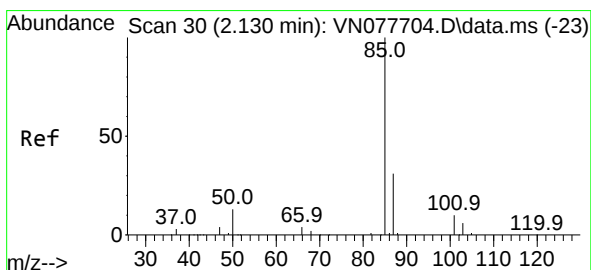
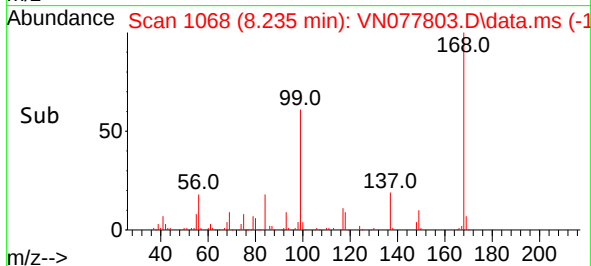
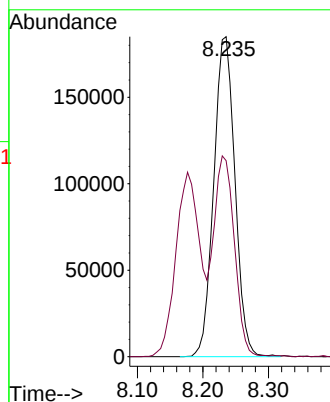
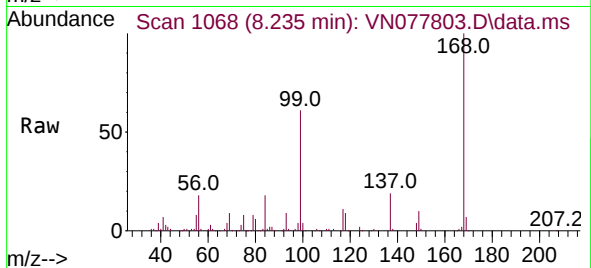
VSTDCCC050EC

Tgt Ion:168 Resp: 41479
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6

Manual Integrations

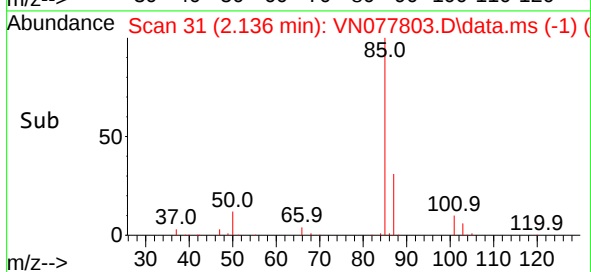
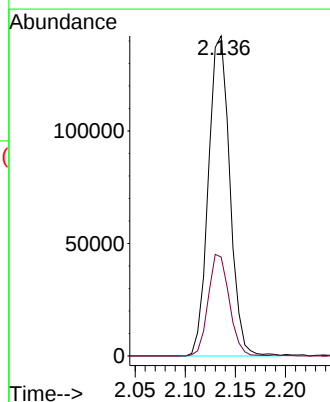
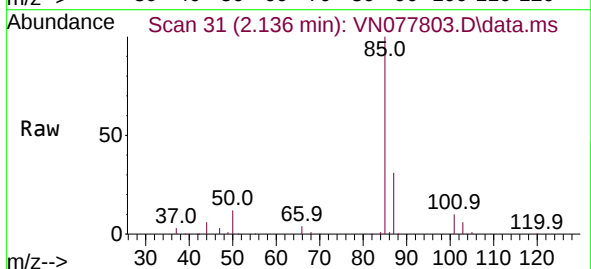
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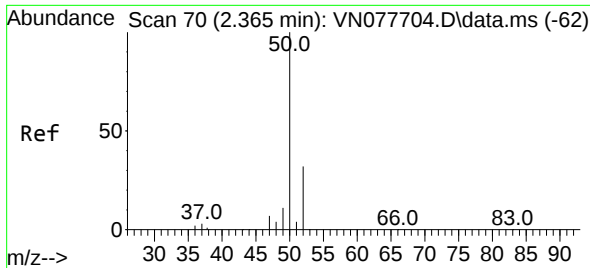
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 44.859 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

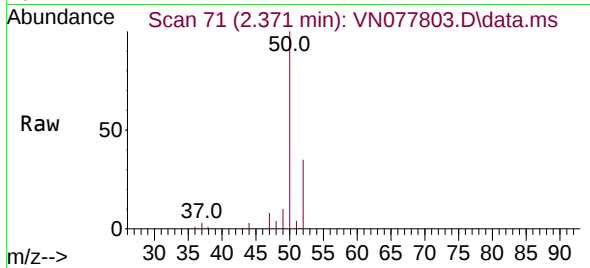
Tgt Ion: 85 Resp: 211764
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 41.276 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

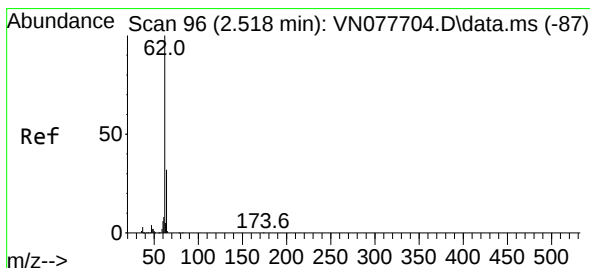
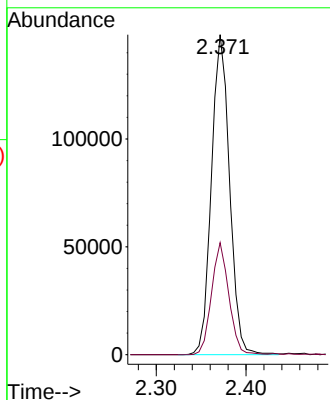
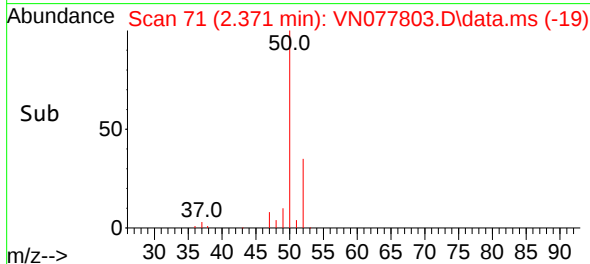
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 20815
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

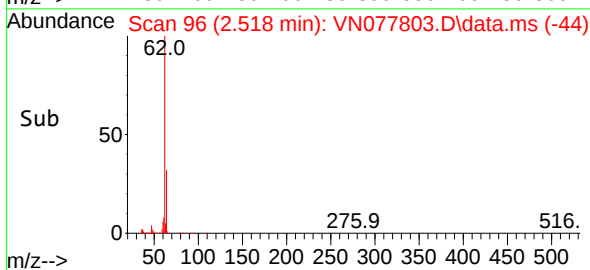
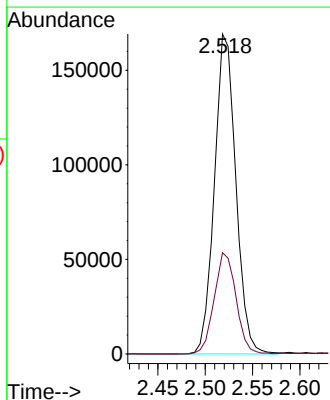
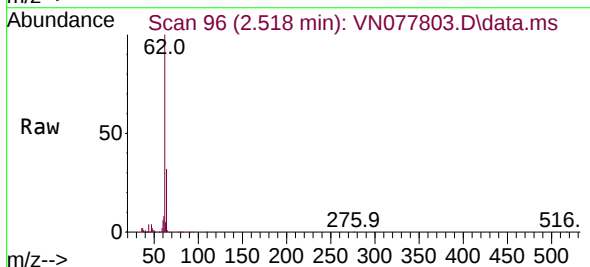
Manual Integrations
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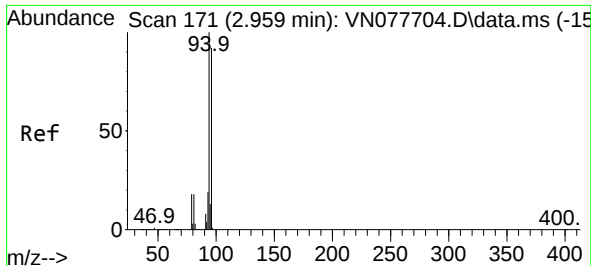
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 44.706 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

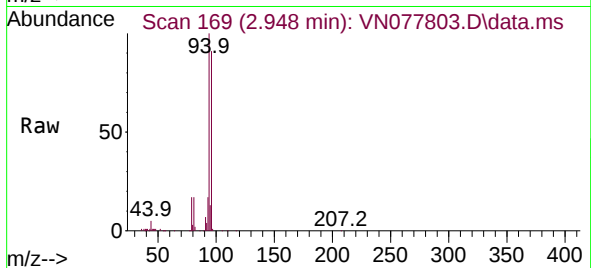
Tgt Ion: 62 Resp: 266076
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 44.110 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

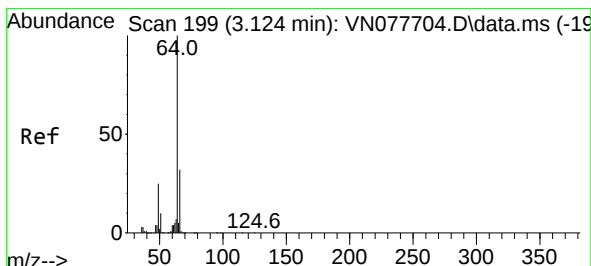
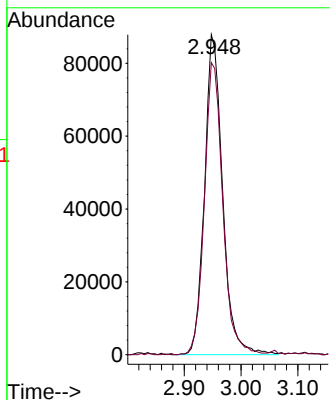
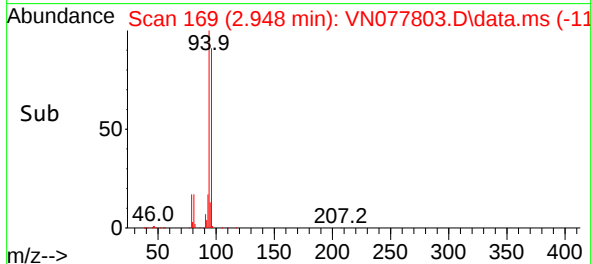
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Tgt Ion: 94 Resp: 194164
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7

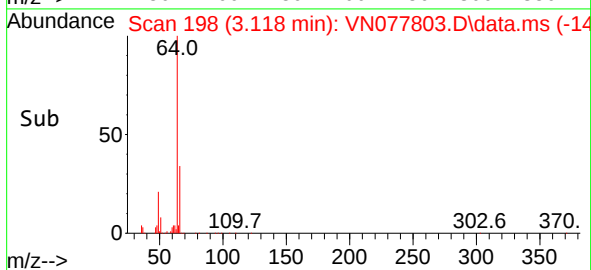
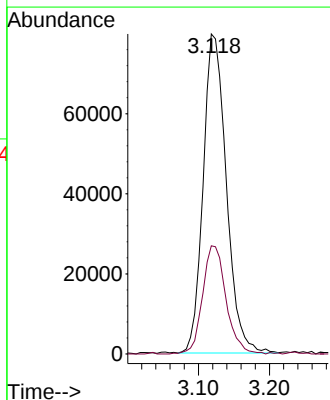
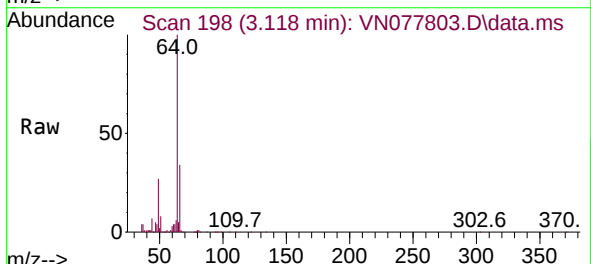
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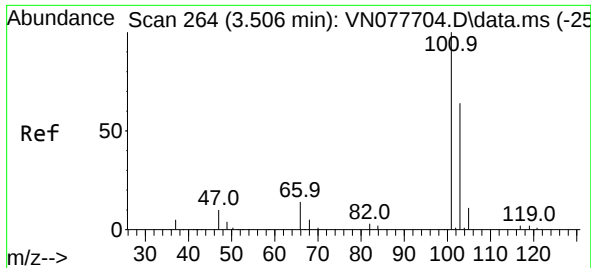
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#6
Chloroethane
Concen: 42.184 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion: 64 Resp: 180936
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.728 ug/l
RT: 3.506 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

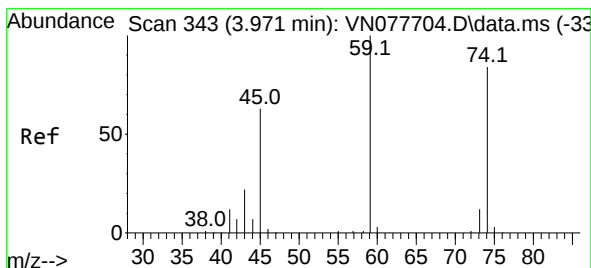
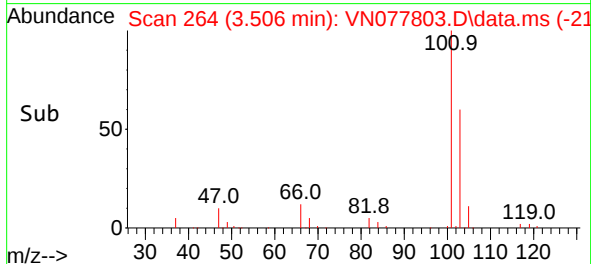
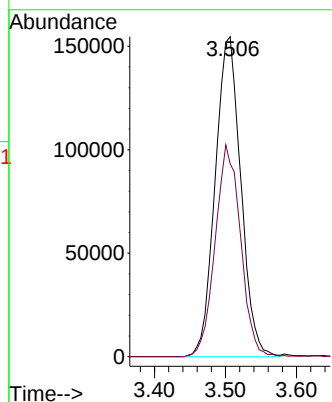
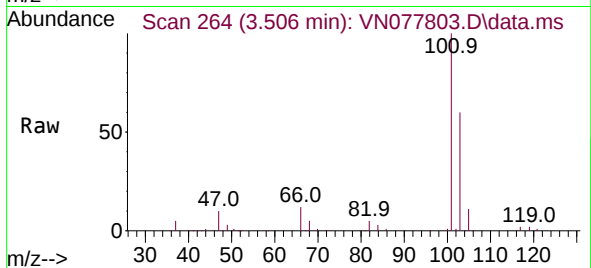
VSTDCCC050EC

Tgt Ion:101 Resp: 387580
Ion Ratio Lower Upper
101 100
103 60.3 50.7 76.1

Manual Integrations

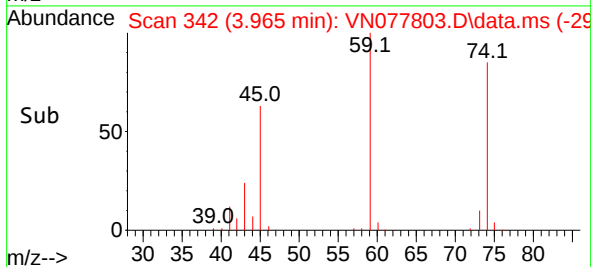
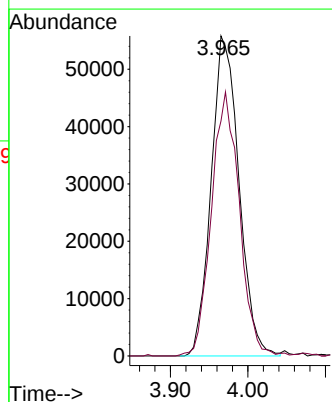
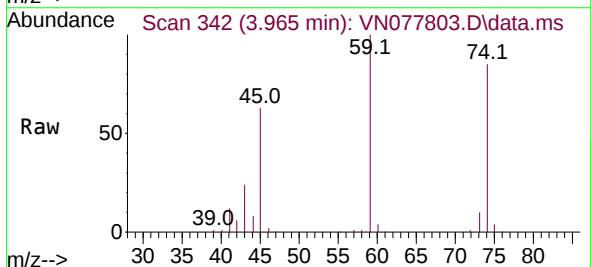
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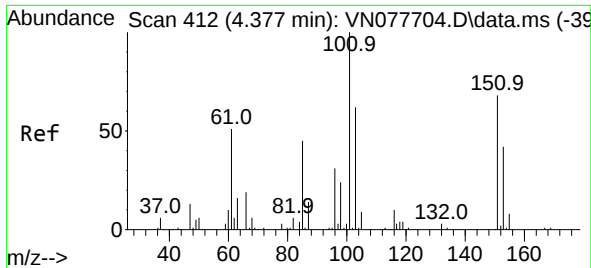
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 45.996 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion: 74 Resp: 139276
Ion Ratio Lower Upper
74 100
45 82.7 34.4 103.3





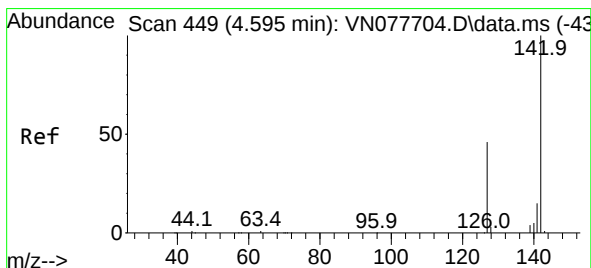
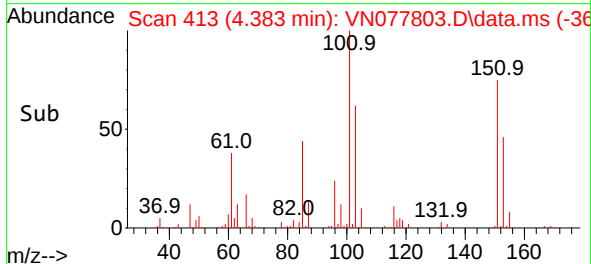
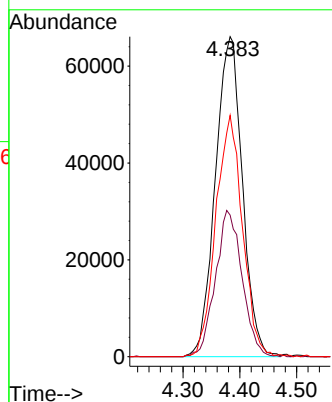
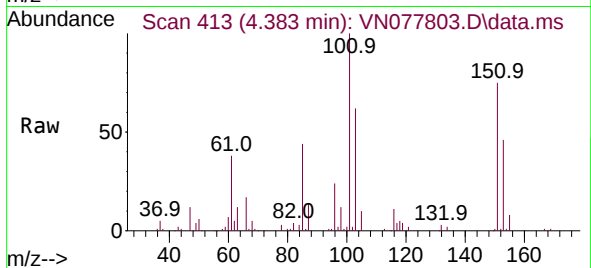
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.636 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 21865
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 74.3 57.6 86.4

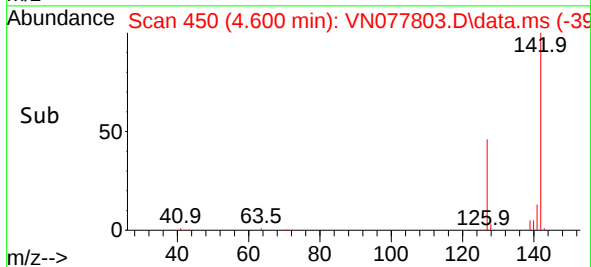
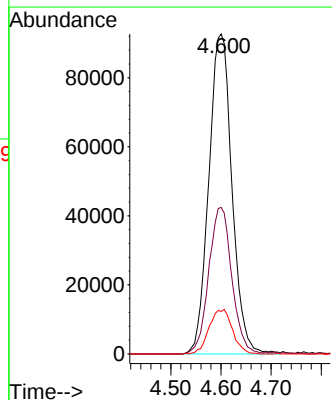
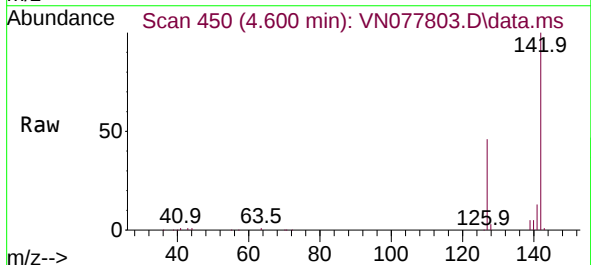
Manual Integrations
APPROVED

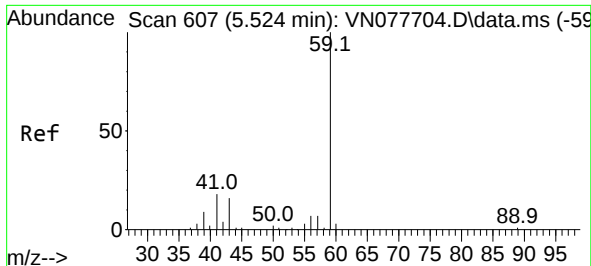
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 54.347 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion:142 Resp: 297507
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.3 11.4 17.0





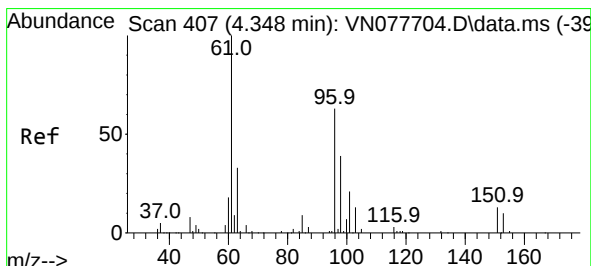
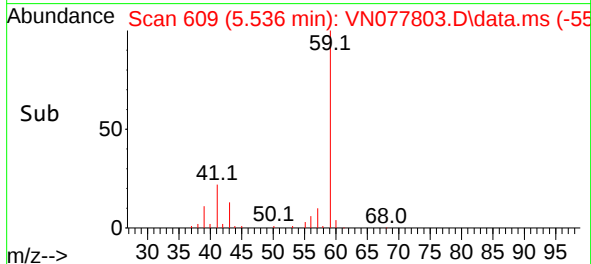
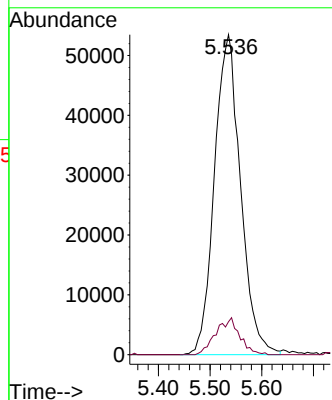
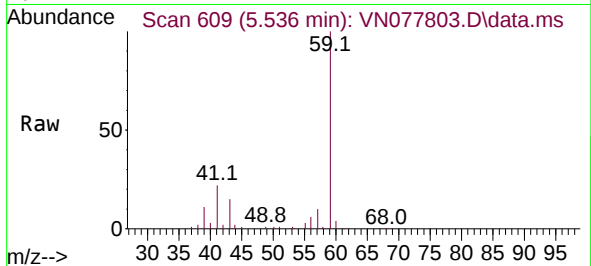
#11
Tert butyl alcohol
Concen: 218.987 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 18757
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

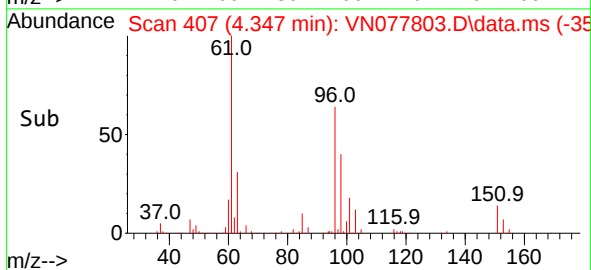
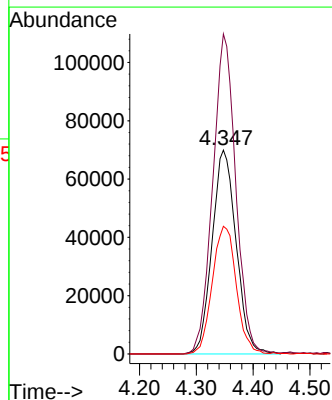
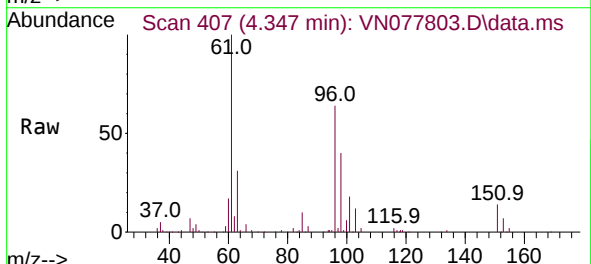
Manual Integrations
APPROVED

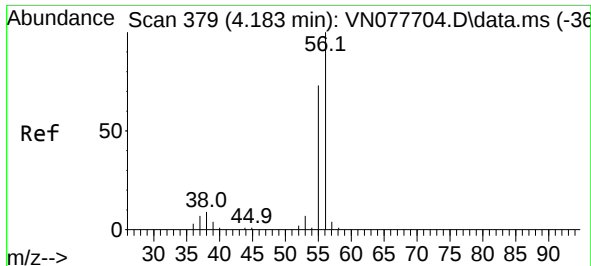
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 47.089 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

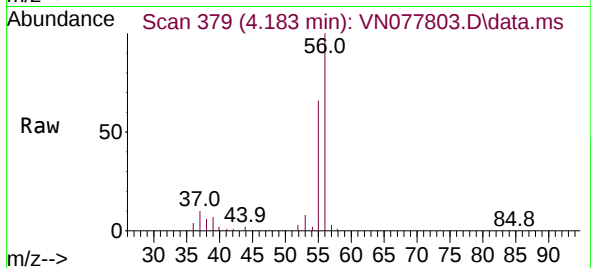
Tgt Ion: 96 Resp: 205435
Ion Ratio Lower Upper
96 100
61 157.0 112.7 169.1
98 62.6 51.2 76.8





#13
Acrolein
Concen: 285.294 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

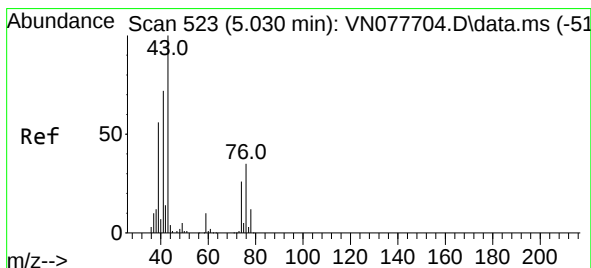
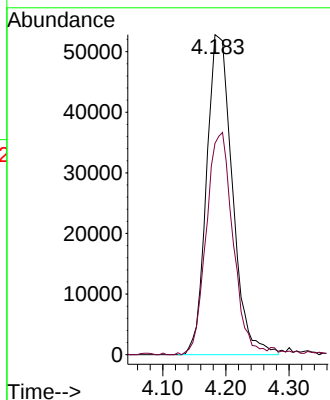
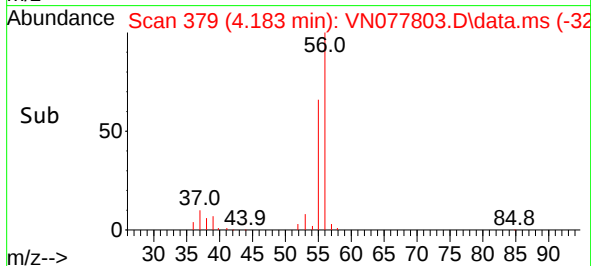
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 149862
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7

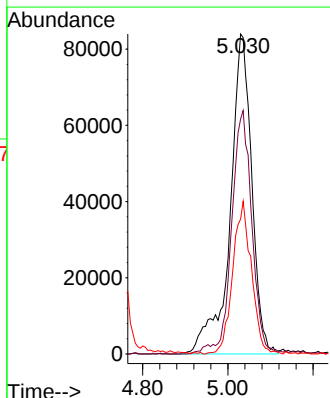
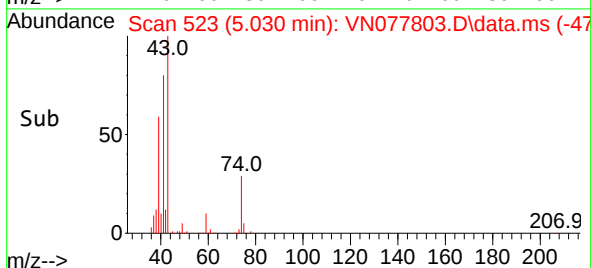
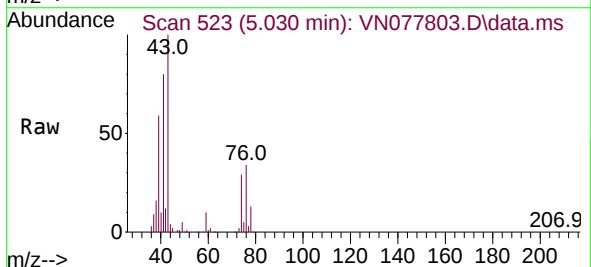
Manual Integrations
APPROVED

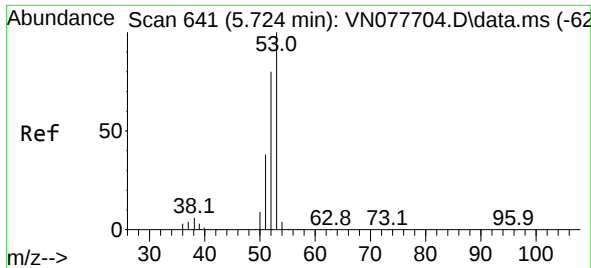
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 46.385 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

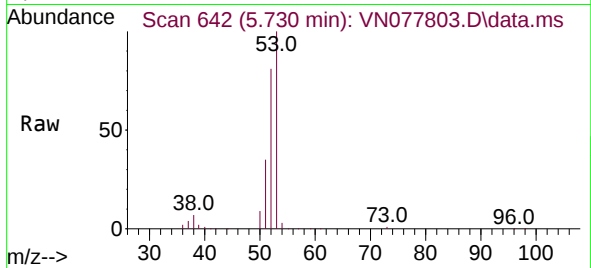
Tgt Ion: 41 Resp: 297282
Ion Ratio Lower Upper
41 100
39 68.0 58.8 88.2
76 40.9 39.1 58.7





#15
Acrylonitrile
Concen: 223.813 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

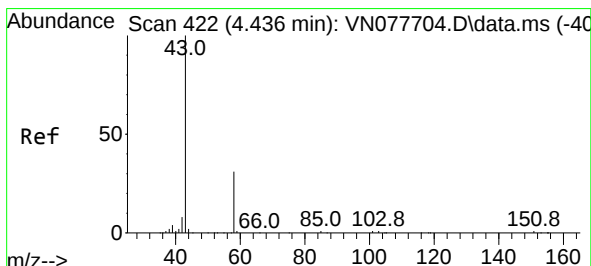
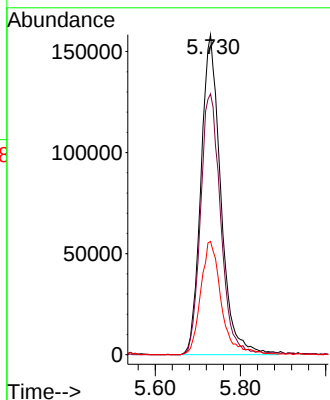
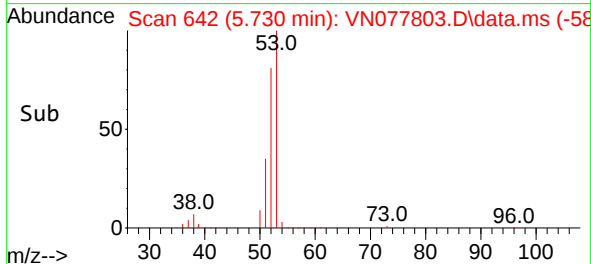
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



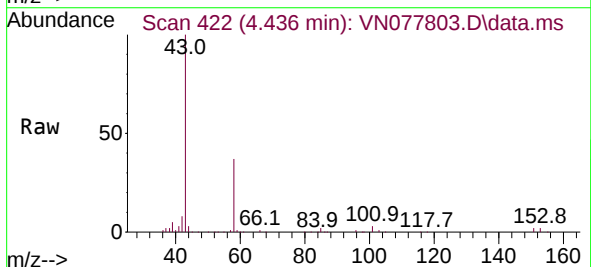
Tgt Ion: 53 Resp: 512162
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.7 28.9 43.3

Manual Integrations
APPROVED

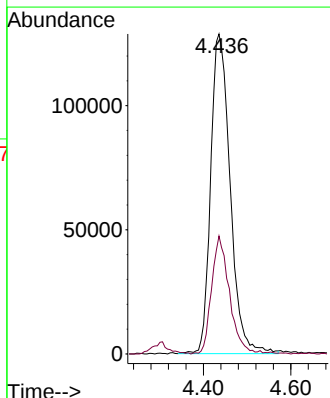
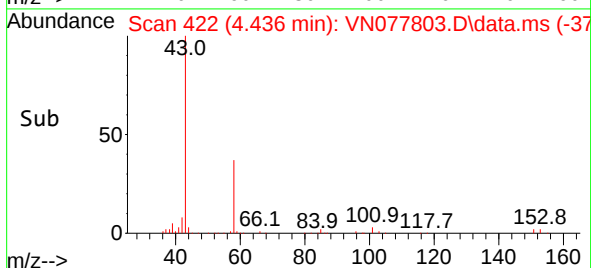
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

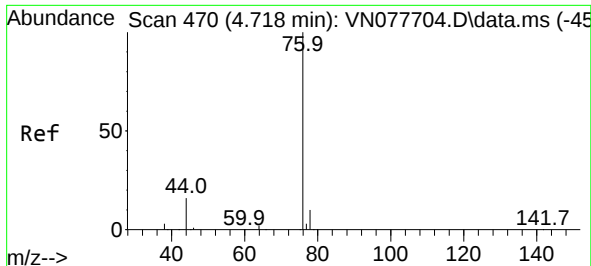


#16
Acetone
Concen: 203.538 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



Tgt Ion: 43 Resp: 397430
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0





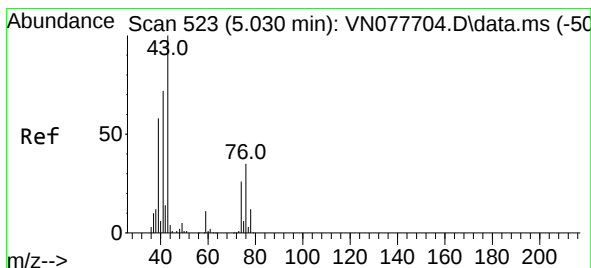
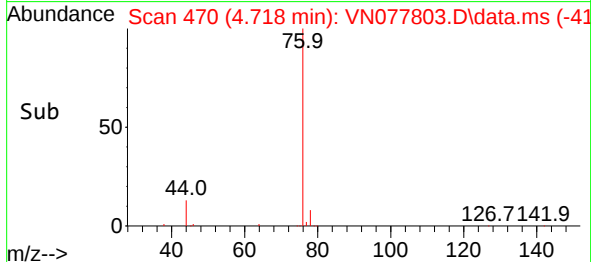
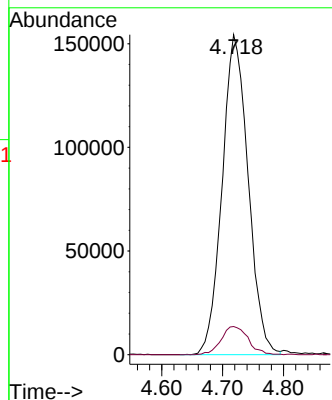
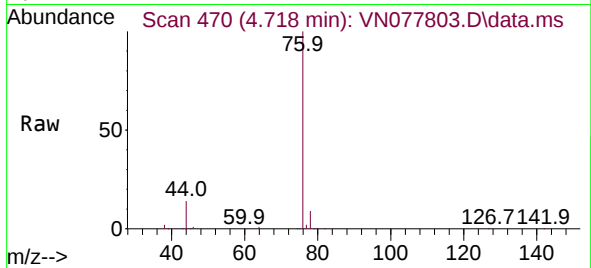
#17
Carbon Disulfide
Concen: 38.995 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 45838
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

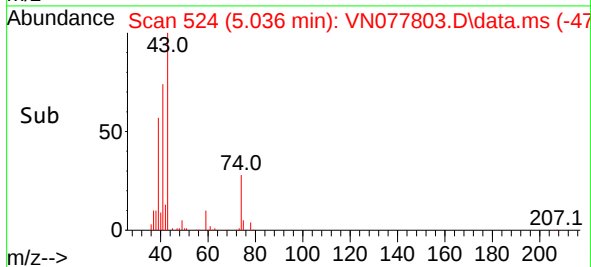
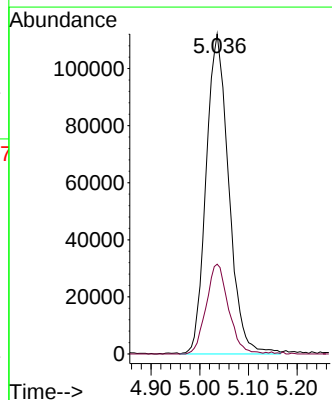
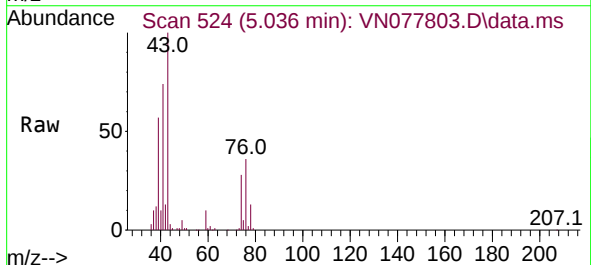
Manual Integrations
APPROVED

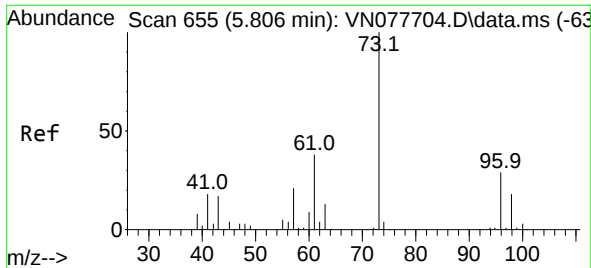
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 44.177 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

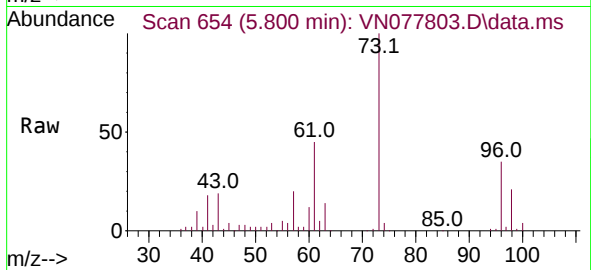
Tgt Ion: 43 Resp: 361876
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 46.774 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

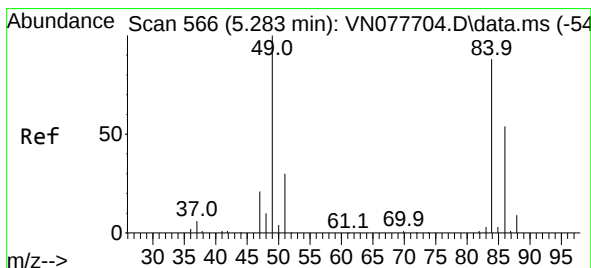
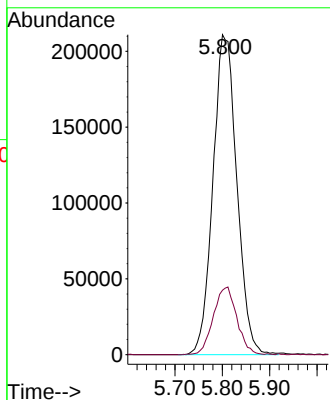
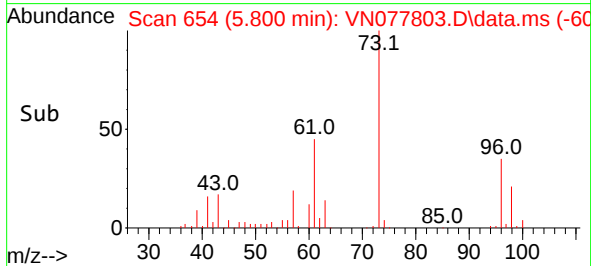
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 73862
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

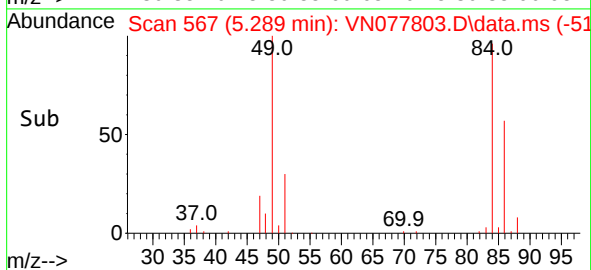
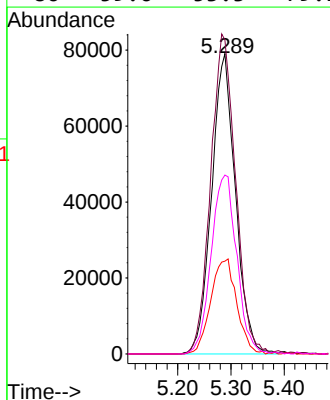
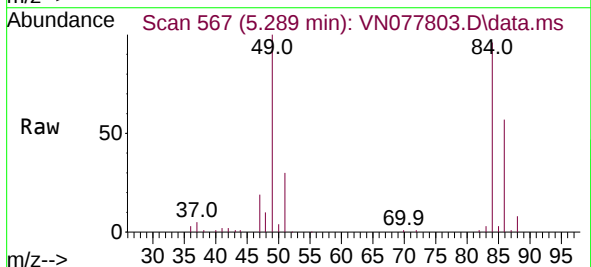
Manual Integrations
APPROVED

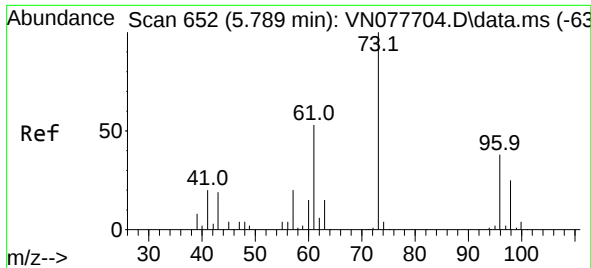
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 48.393 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

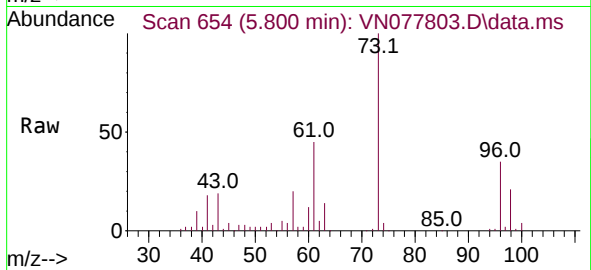
Tgt Ion: 84 Resp: 246266
Ion Ratio Lower Upper
84 100
49 104.5 79.7 119.5
51 30.9 25.2 37.8
86 59.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.441 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

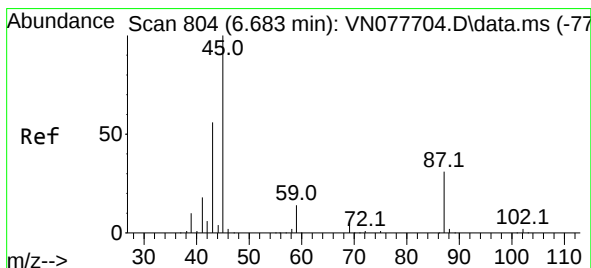
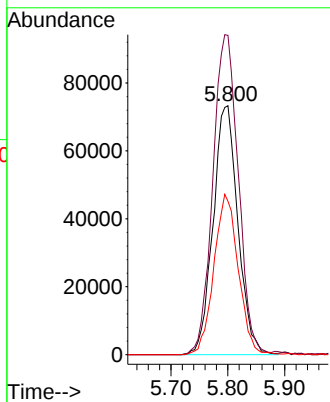
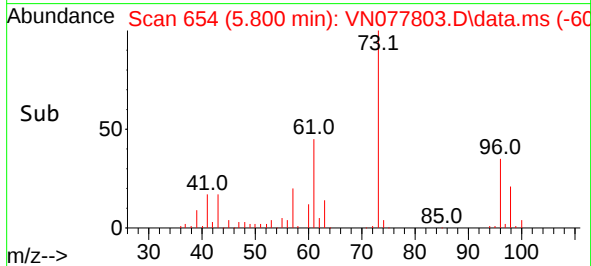
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 222680
Ion Ratio Lower Upper
96 100
61 128.3 90.1 135.1
98 61.6 46.4 69.6

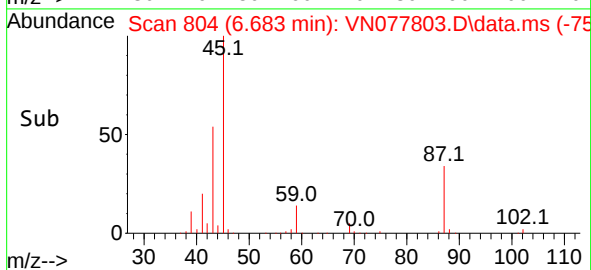
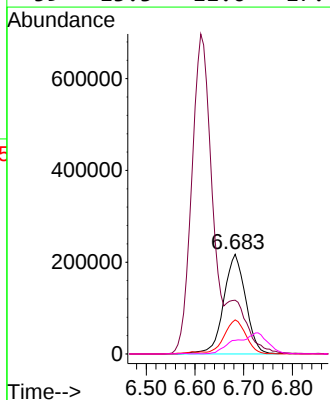
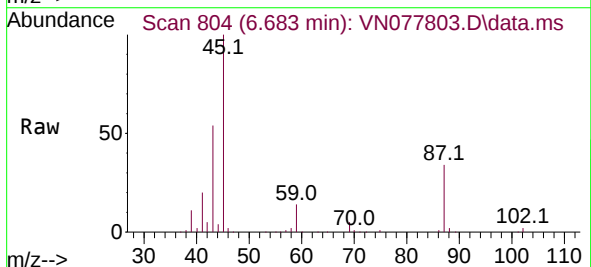
Manual Integrations
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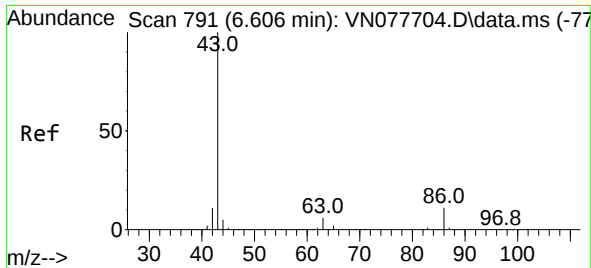
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 45.275 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion: 45 Resp: 680131
Ion Ratio Lower Upper
45 100
43 52.1 45.5 68.3
87 34.1 31.8 47.8
59 13.3 11.6 17.4





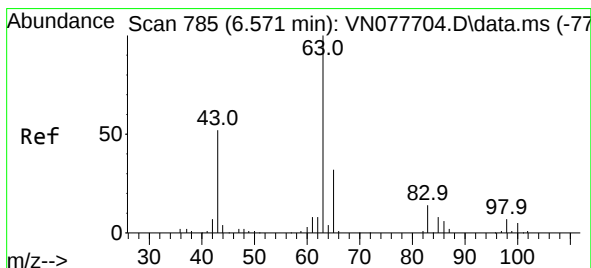
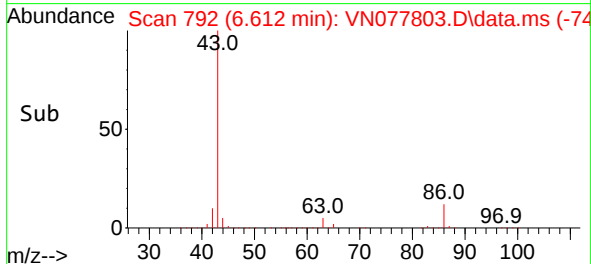
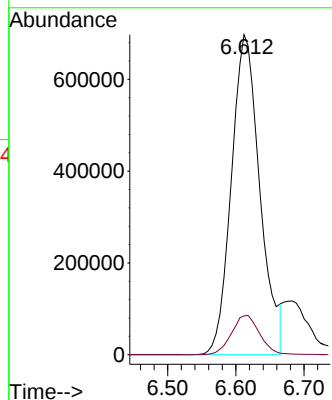
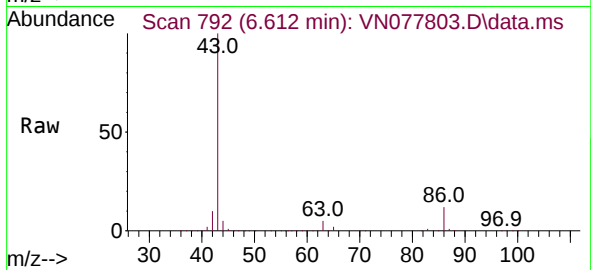
#23
 Vinyl Acetate
 Concen: 217.837 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077803.D
 Acq: 22 May 2023 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2027510
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

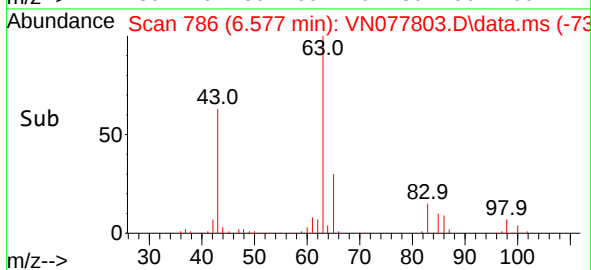
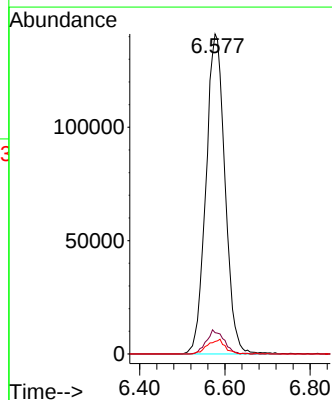
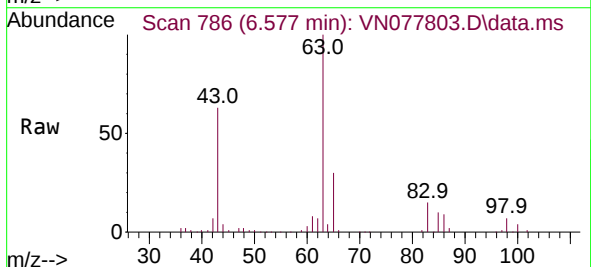
Manual Integrations
 APPROVED

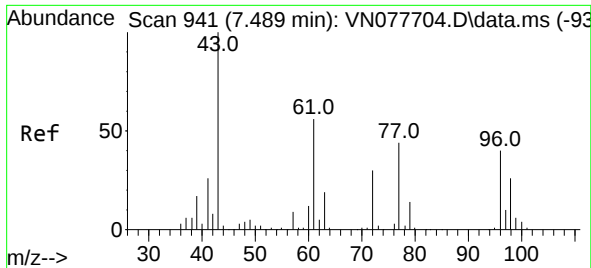
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 47.523 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077803.D
 Acq: 22 May 2023 20:41

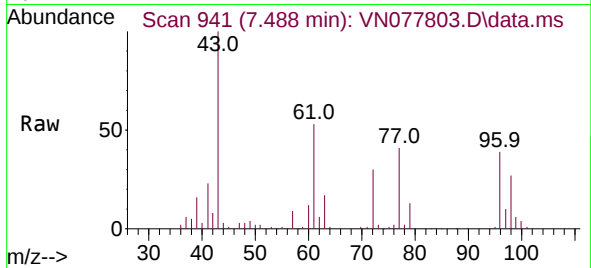
Tgt Ion: 63 Resp: 437371
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 208.997 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

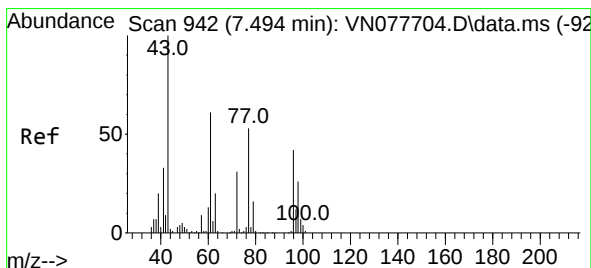
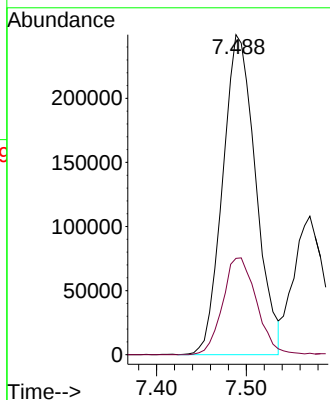
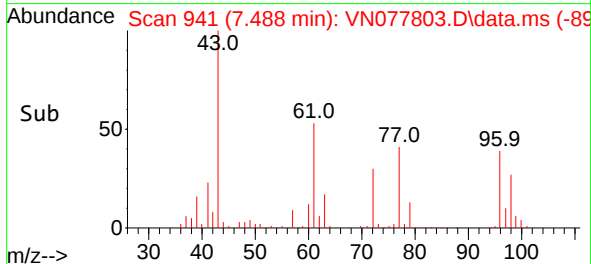
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



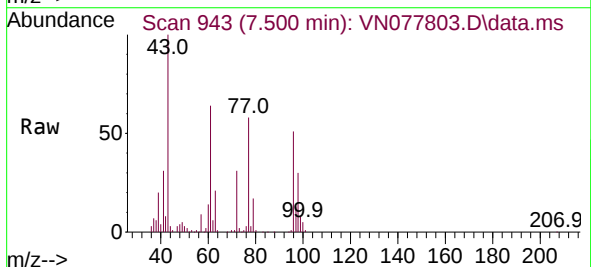
Tgt Ion: 43 Resp: 63837
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

Manual Integrations
APPROVED

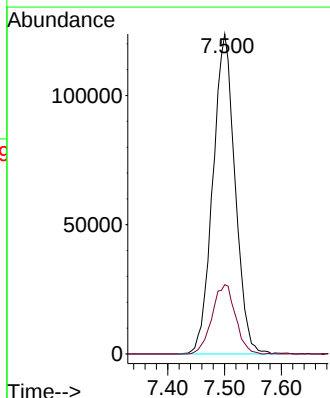
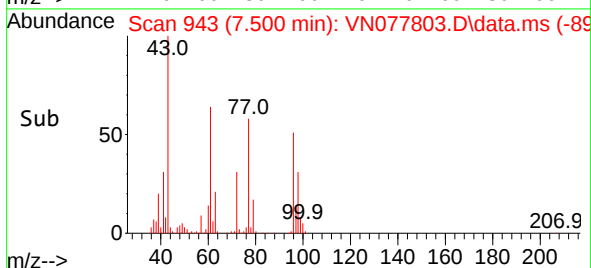
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

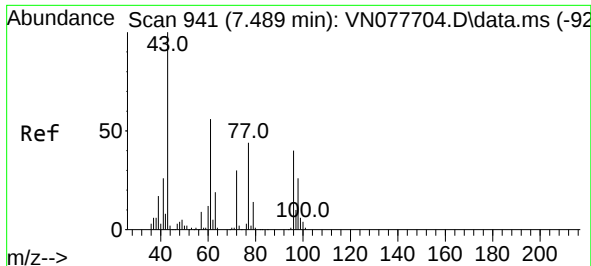


#26
2,2-Dichloropropane
Concen: 43.002 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



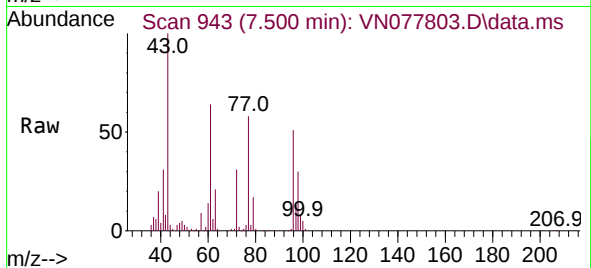
Tgt Ion: 77 Resp: 336232
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.298 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077803.D
 Acq: 22 May 2023 20:41

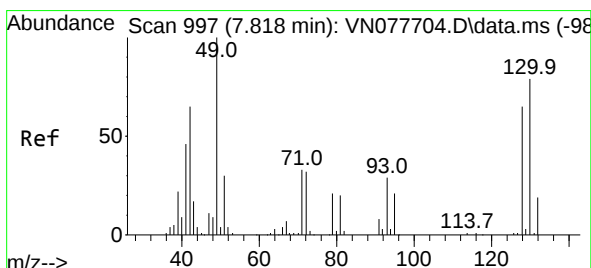
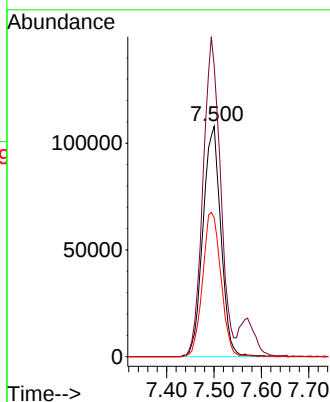
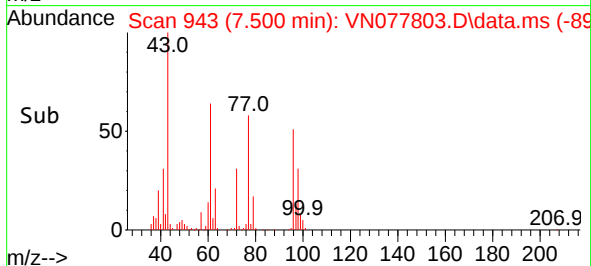
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 283800
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 255.2
 98 63.8 0.0 128.8

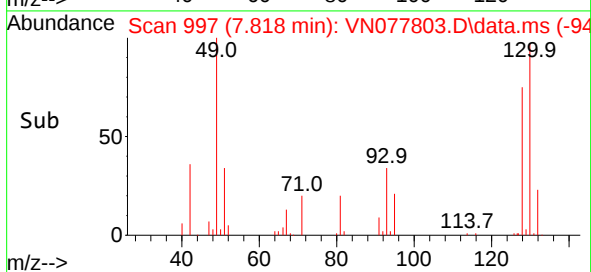
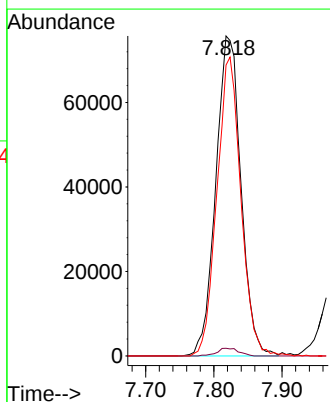
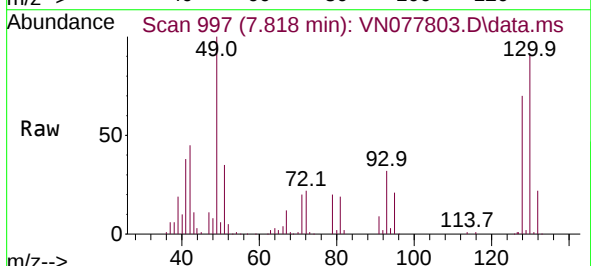
Manual Integrations
 APPROVED

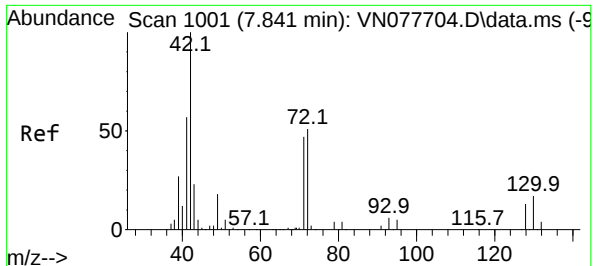
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#28
 Bromochloromethane
 Concen: 48.818 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077803.D
 Acq: 22 May 2023 20:41

Tgt Ion: 49 Resp: 194309
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 89.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 210.891 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 421790

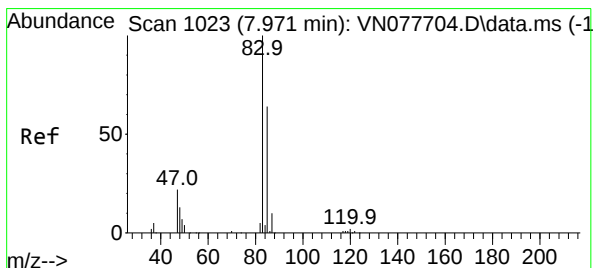
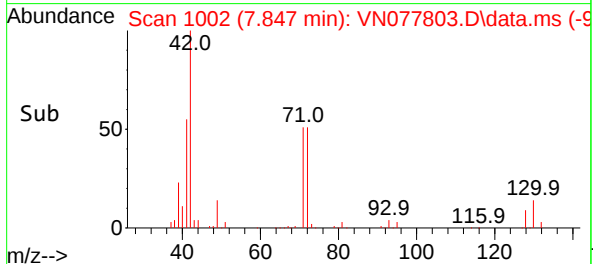
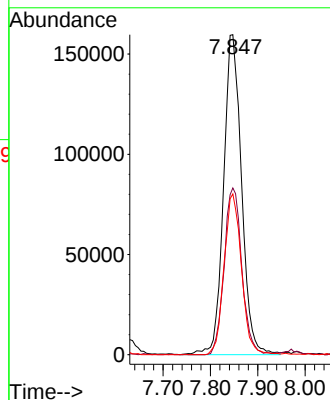
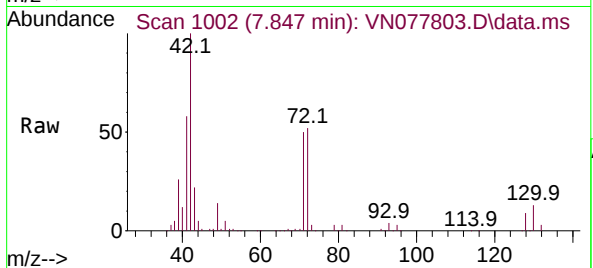
Ion	Ratio	Lower	Upper
42	100		
72	51.1	49.8	74.6
71	48.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 47.400 ug/l

RT: 7.977 min Scan# 1024

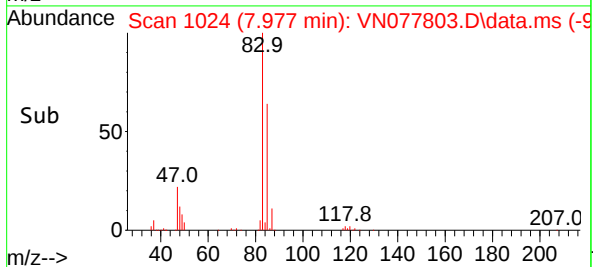
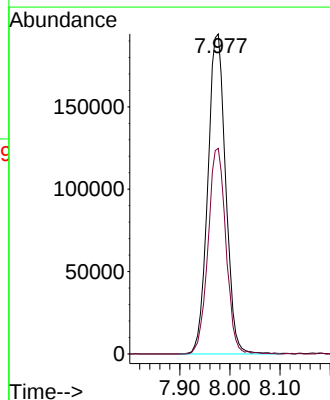
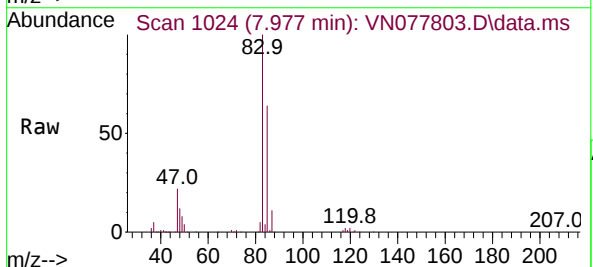
Delta R.T. 0.006 min

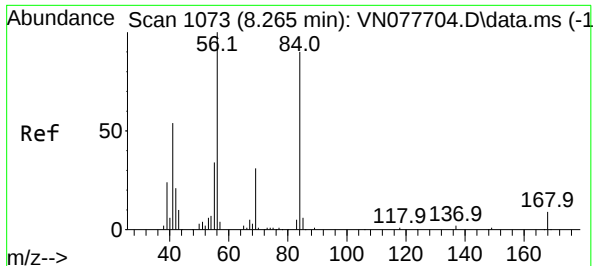
Lab File: VN077803.D

Acq: 22 May 2023 20:41

Tgt Ion: 83 Resp: 479874

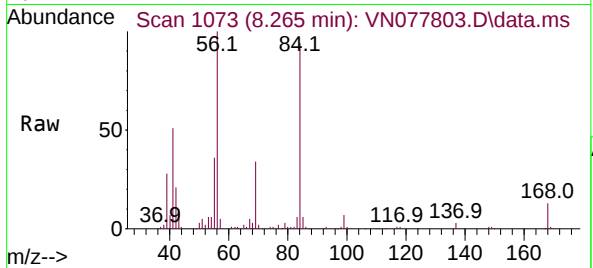
Ion	Ratio	Lower	Upper
83	100		
85	64.3	55.4	83.0





#31
Cyclohexane
Concen: 41.643 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

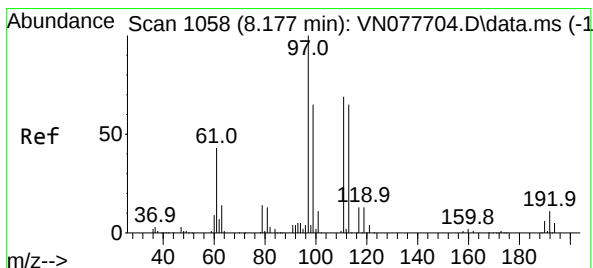
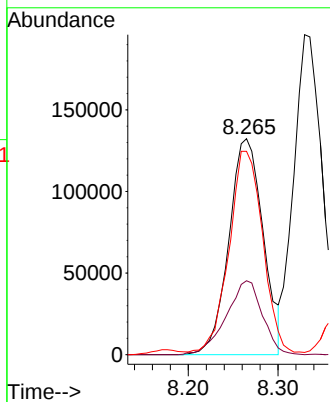
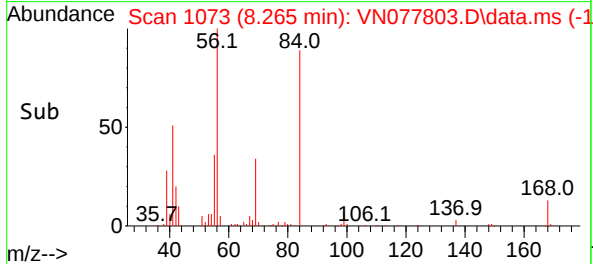
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



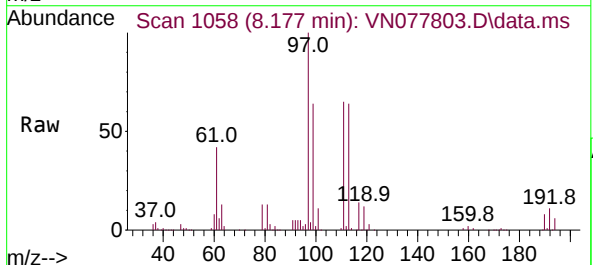
Tgt Ion: 56 Resp: 351268
Ion Ratio Lower Upper
56 100
69 34.2 26.8 40.2
84 92.7 81.8 122.6

Manual Integrations
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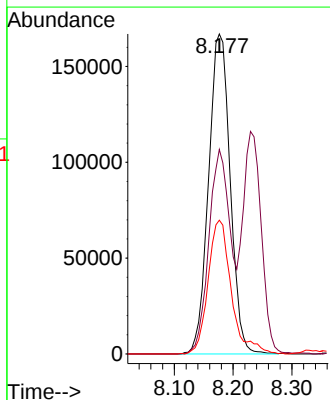
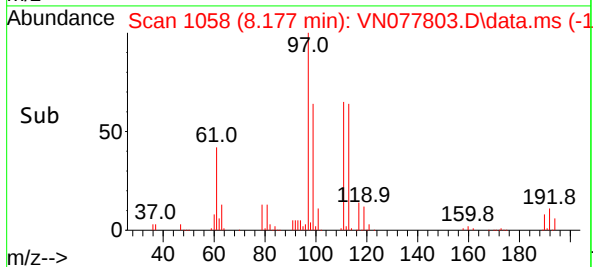
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

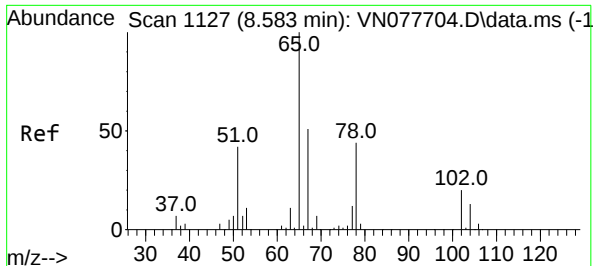


#32
1,1,1-Trichloroethane
Concen: 49.607 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



Tgt Ion: 97 Resp: 426984
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.840 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 296912

Ion Ratio Lower Upper

65 100

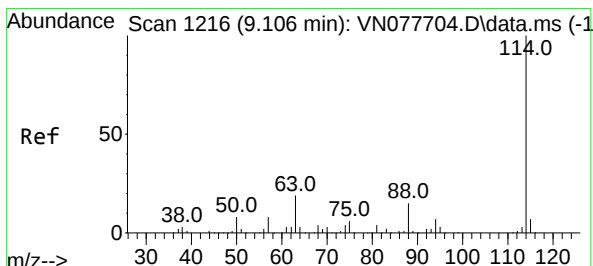
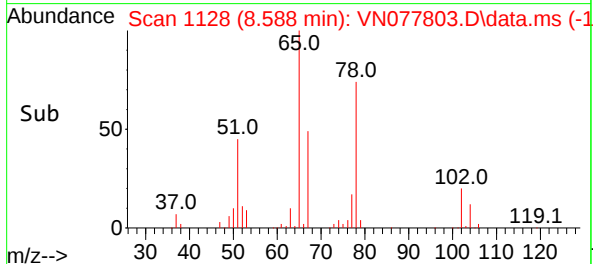
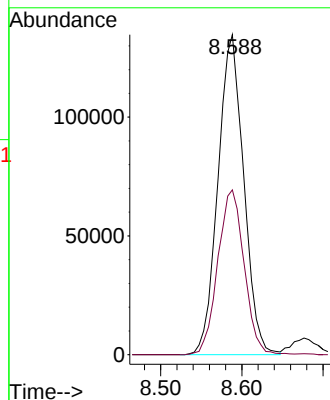
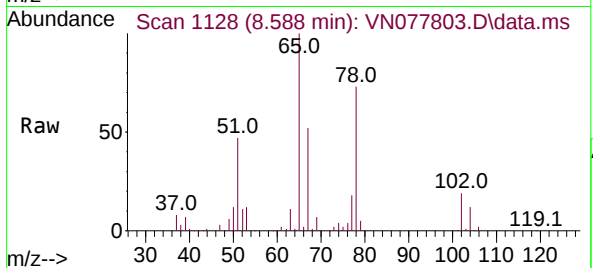
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

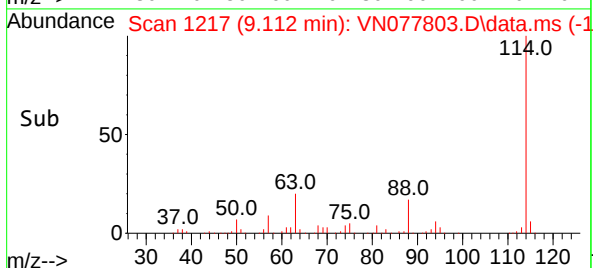
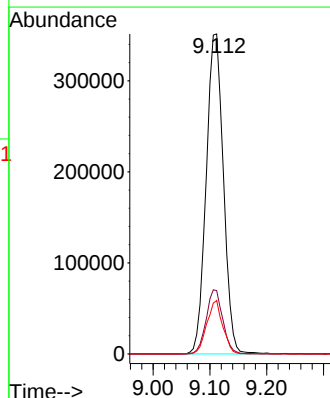
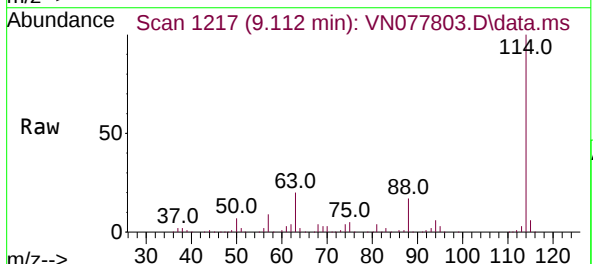
Tgt Ion:114 Resp: 739576

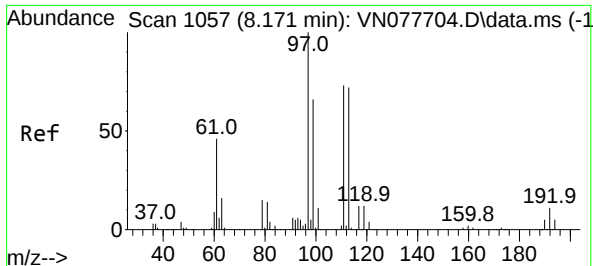
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.115 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 260980

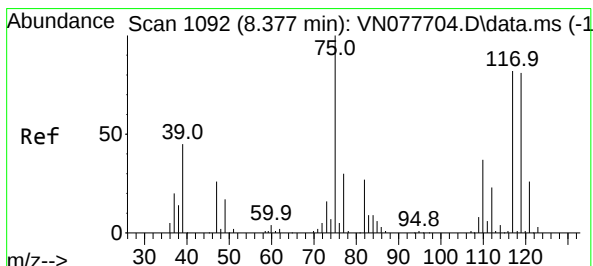
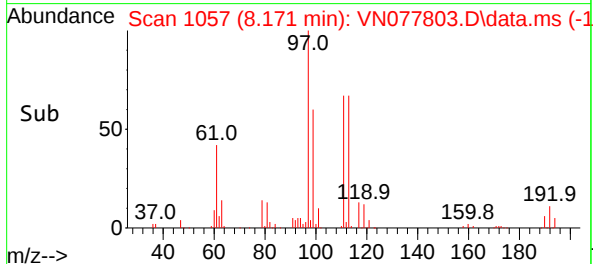
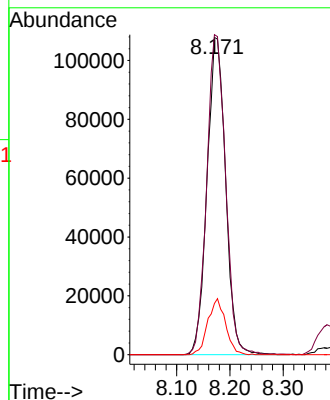
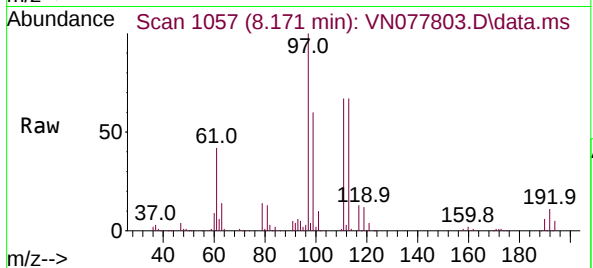
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 46.582 ug/l

RT: 8.377 min Scan# 1092

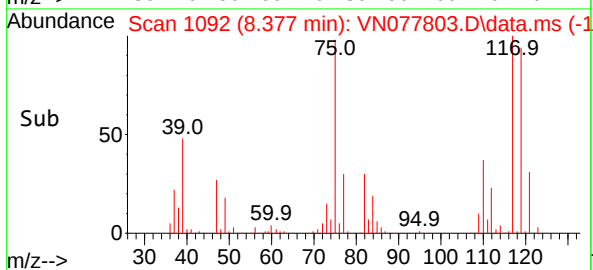
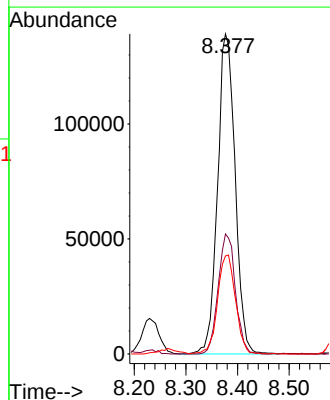
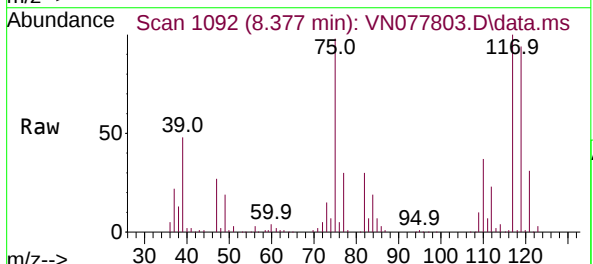
Delta R.T. -0.000 min

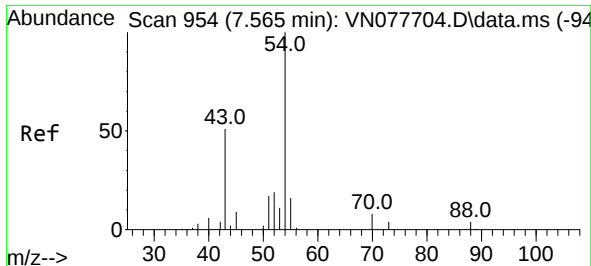
Lab File: VN077803.D

Acq: 22 May 2023 20:41

Tgt Ion: 75 Resp: 328590

Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.1	57.3
77	31.5	25.0	37.4





#37

Ethyl Acetate

Concen: 42.395 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077803.D

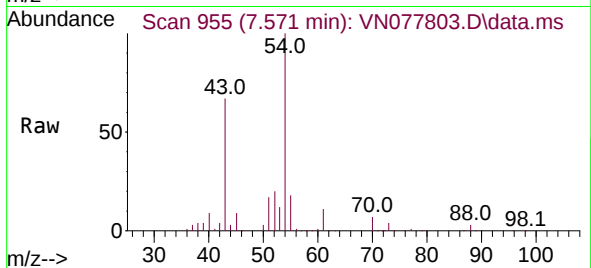
Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 266544

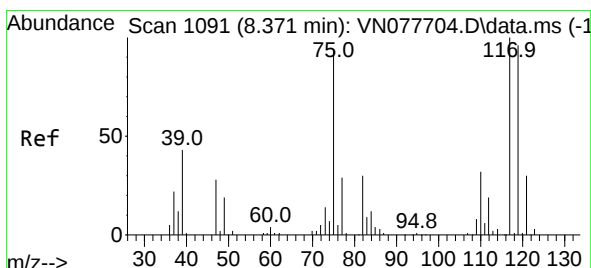
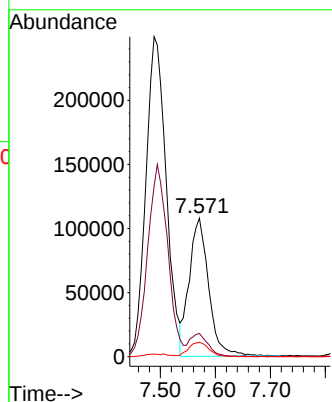
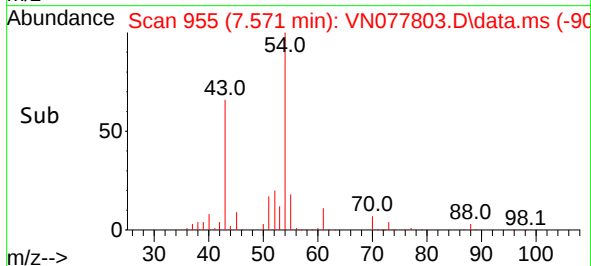
Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.2	19.8
70	10.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#38

Carbon Tetrachloride

Concen: 52.167 ug/l

RT: 8.371 min Scan# 1091

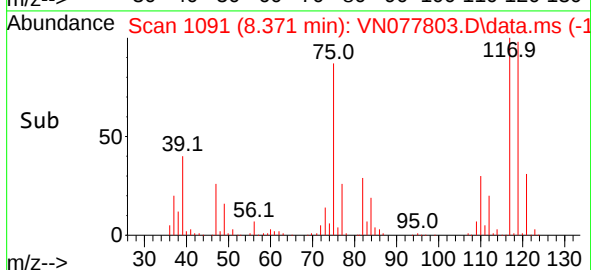
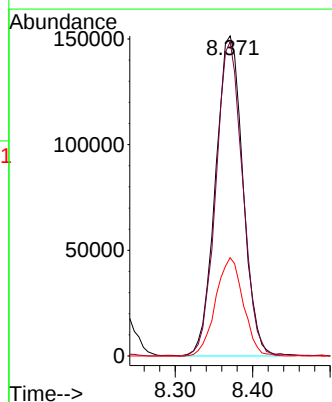
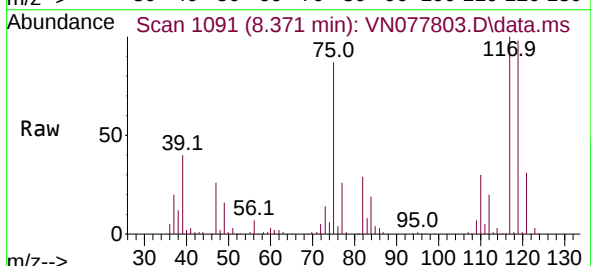
Delta R.T. -0.000 min

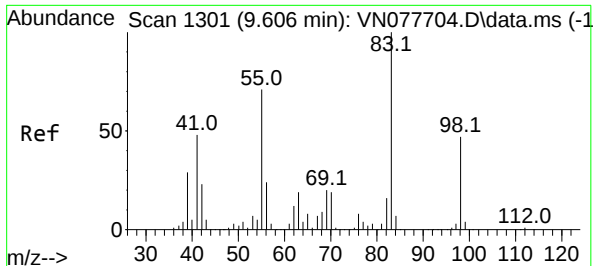
Lab File: VN077803.D

Acq: 22 May 2023 20:41

Tgt Ion:117 Resp: 371584

Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.3	115.9
121	30.7	23.3	34.9





#39

Methylcyclohexane

Concen: 46.072 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 397860

Ion Ratio Lower Upper

83 100

55 67.8 49.1 73.7

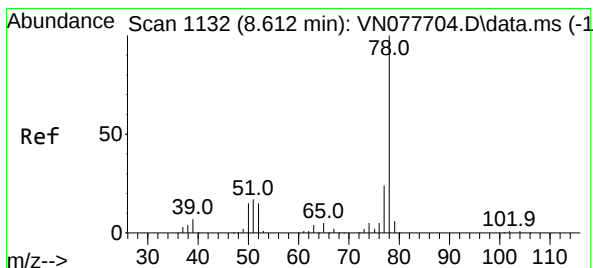
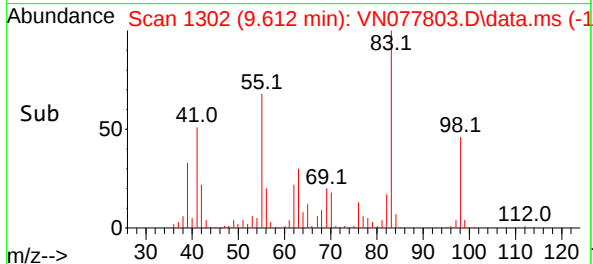
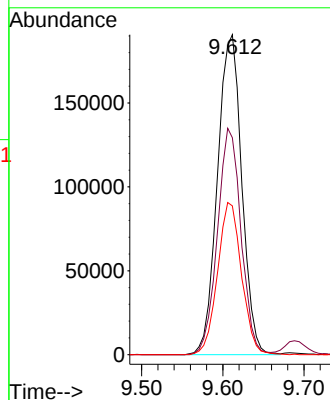
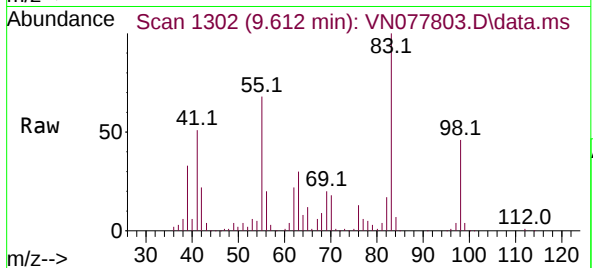
98 46.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#40

Benzene

Concen: 48.357 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077803.D

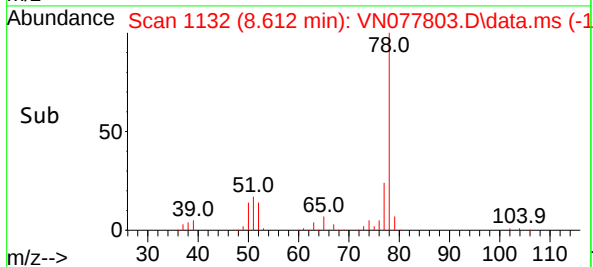
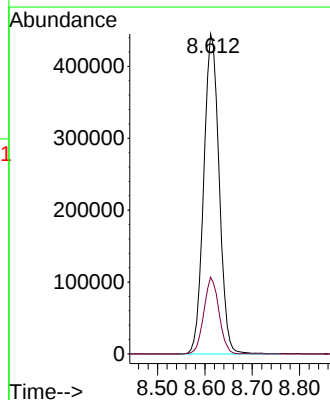
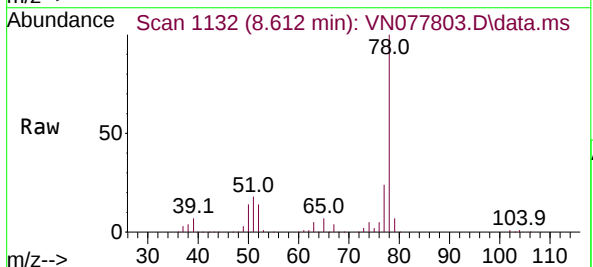
Acq: 22 May 2023 20:41

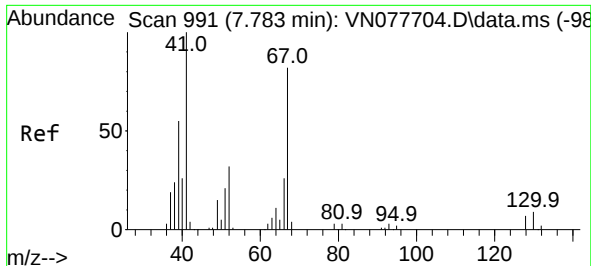
Tgt Ion: 78 Resp: 1006586

Ion Ratio Lower Upper

78 100

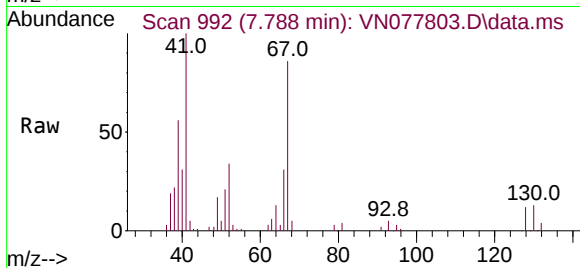
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 46.227 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

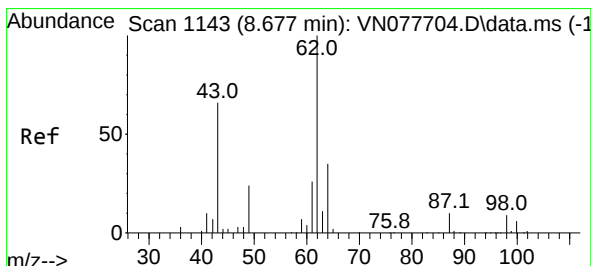
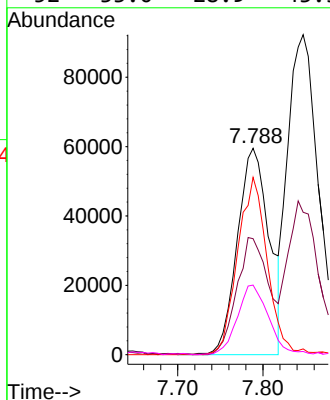
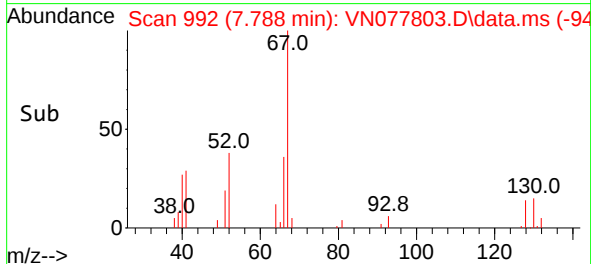
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 15478
Ion Ratio Lower Upper
41 100
39 57.0 42.6 64.0
67 79.9 77.5 116.3
52 33.0 28.9 43.3

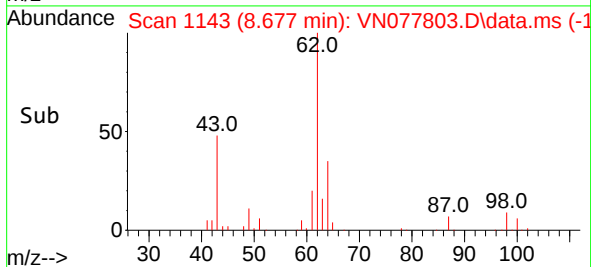
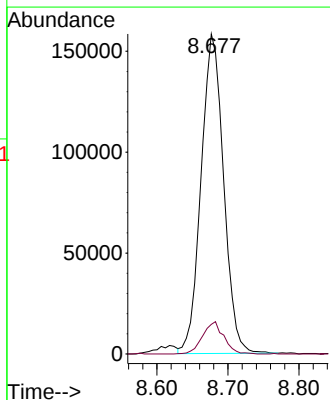
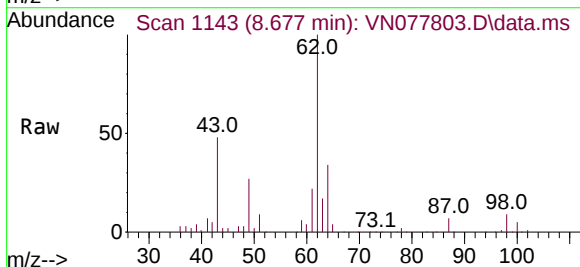
Manual Integrations
APPROVED

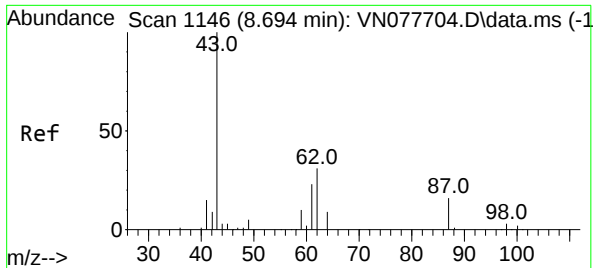
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 46.206 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

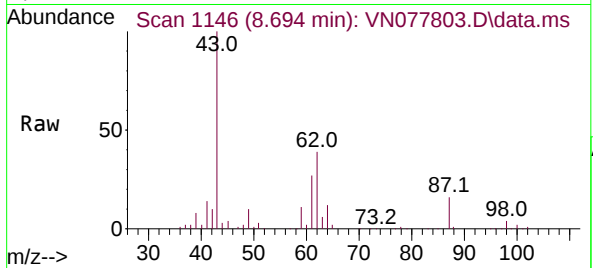
Tgt Ion: 62 Resp: 349391
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 45.660 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

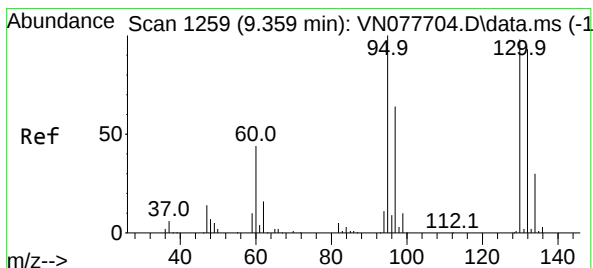
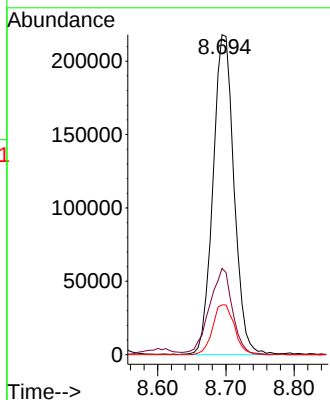
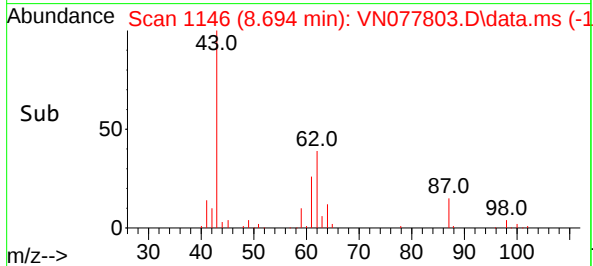
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



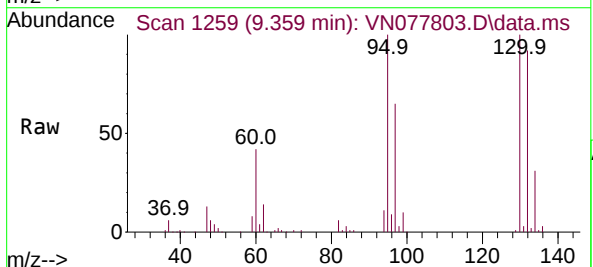
Tgt Ion: 43 Resp: 46890
Ion Ratio Lower Upper
43 100
61 29.3 24.7 37.1
87 16.1 14.6 21.8

Manual Integrations
APPROVED

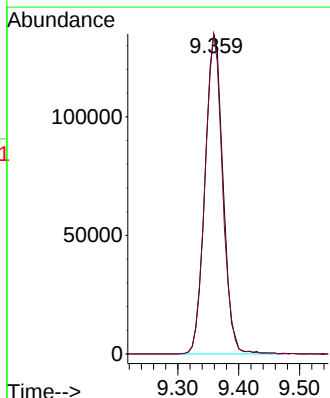
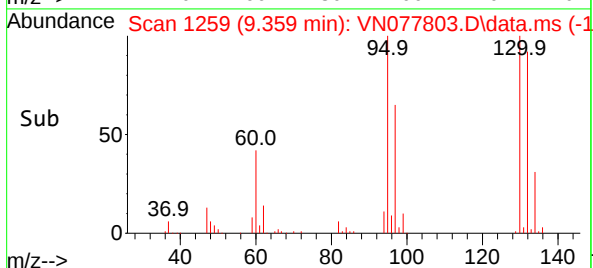
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

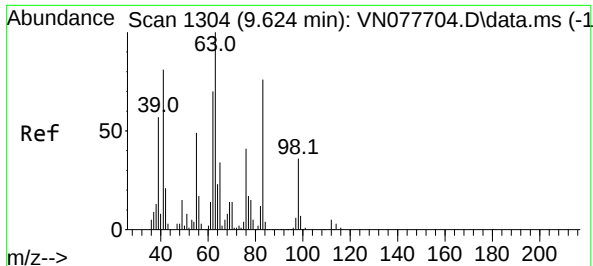


#44
Trichloroethene
Concen: 52.290 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



Tgt Ion:130 Resp: 275610
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.677 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 26376

Ion Ratio Lower Upper

63 100

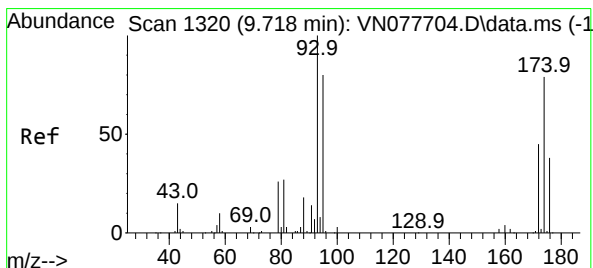
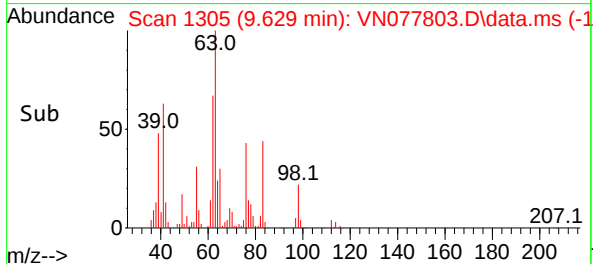
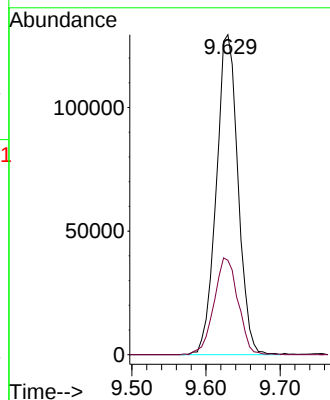
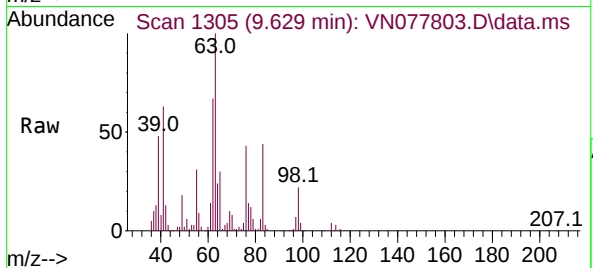
65 29.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 48.485 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

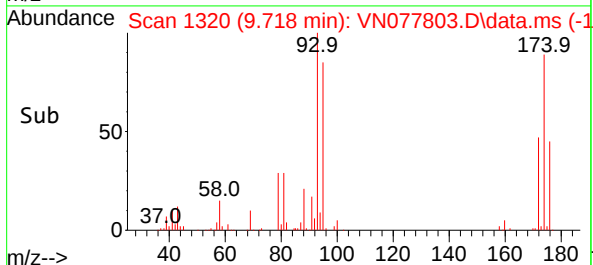
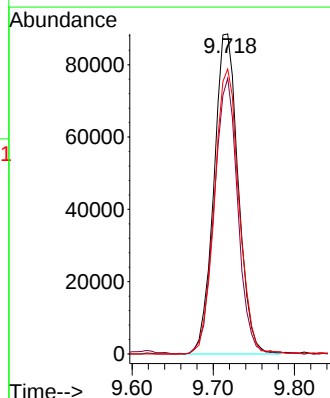
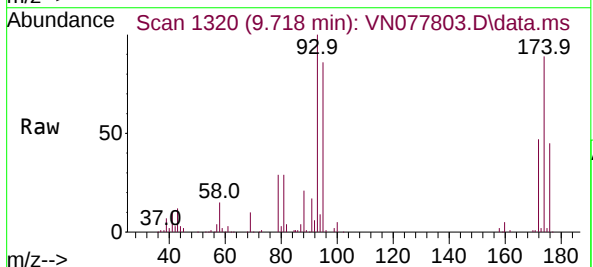
Tgt Ion: 93 Resp: 184211

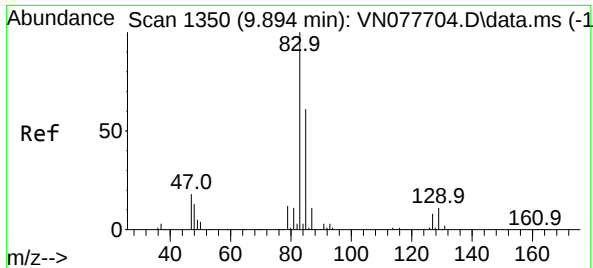
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

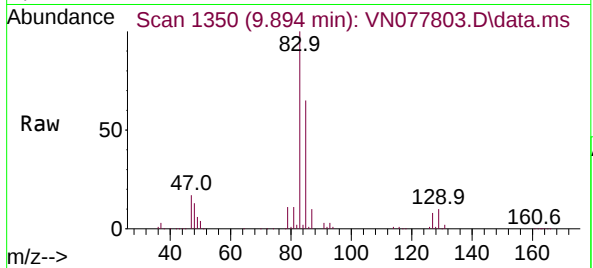
174 89.5 65.6 98.4





#47
Bromodichloromethane
Concen: 51.473 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

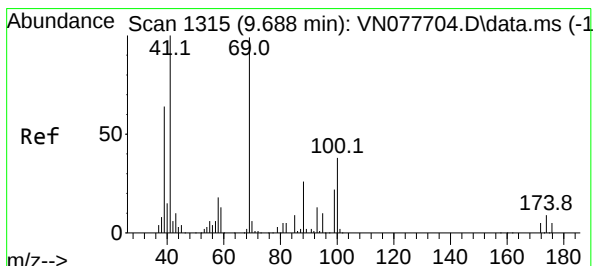
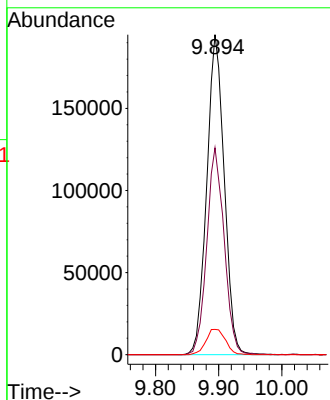
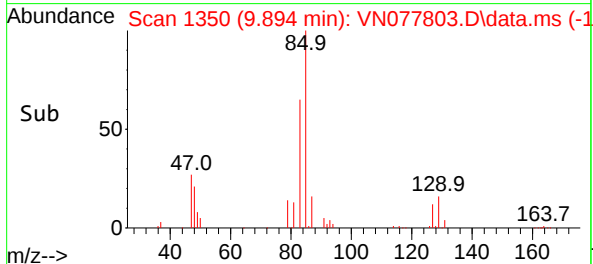
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



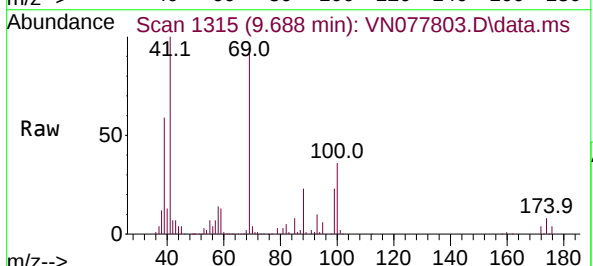
Tgt Ion: 83 Resp: 37440
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 7.9 7.0 10.6

Manual Integrations
APPROVED

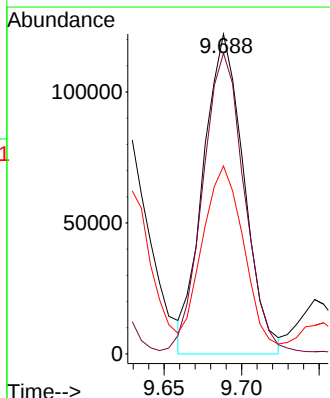
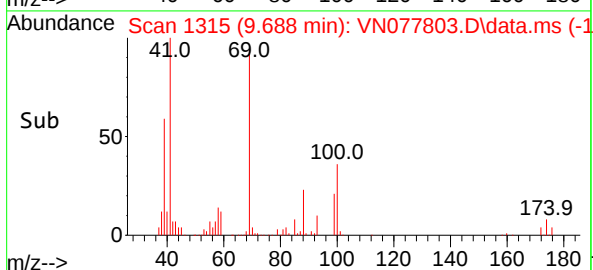
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

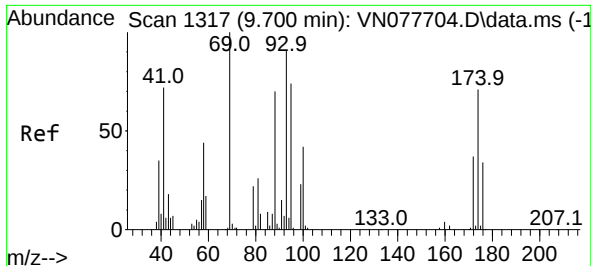


#48
Methyl methacrylate
Concen: 45.681 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



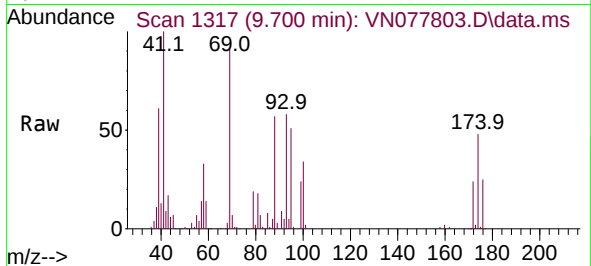
Tgt Ion: 41 Resp: 222418
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 60.9 54.6 81.8





#49
1,4-Dioxane
Concen: 966.419 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

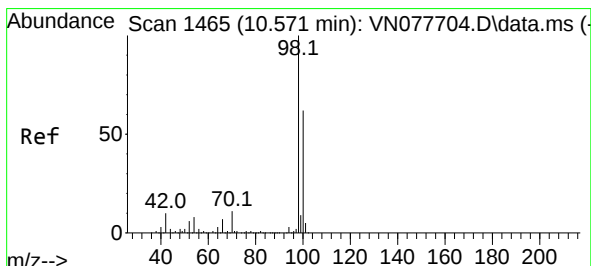
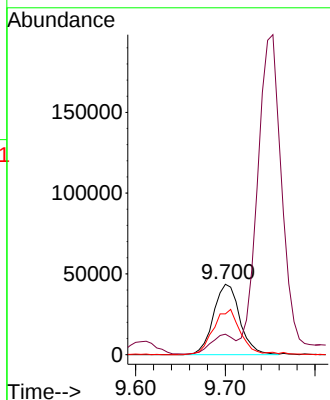
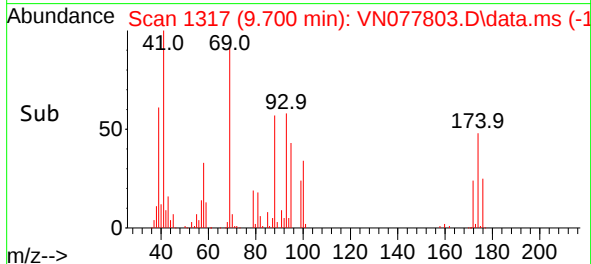
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 88874
Ion Ratio Lower Upper
88 100
43 24.8 17.0 25.6
58 67.8 47.0 70.4

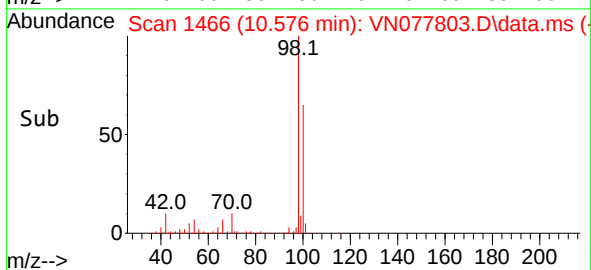
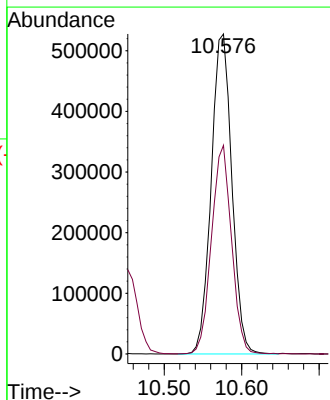
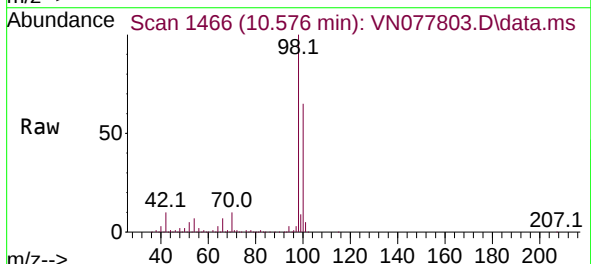
Manual Integrations
APPROVED

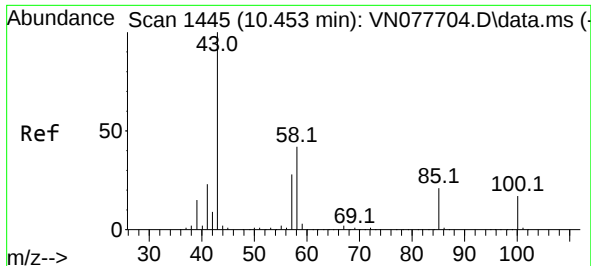
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#50
Toluene-d8
Concen: 52.588 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion: 98 Resp: 976183
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0





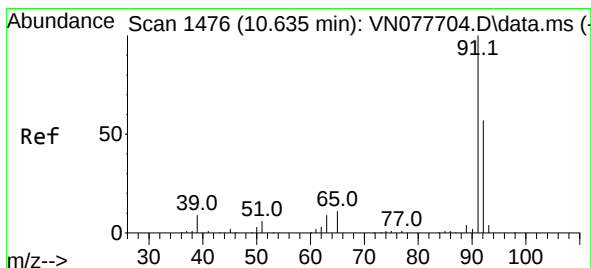
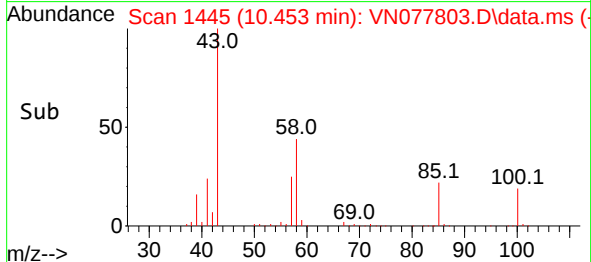
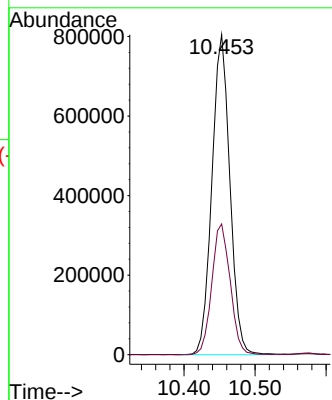
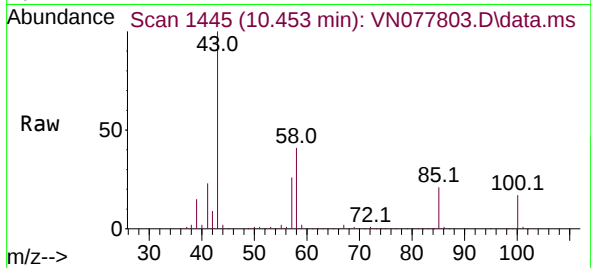
#51
4-Methyl-2-Pentanone
Concen: 231.303 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1411950
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

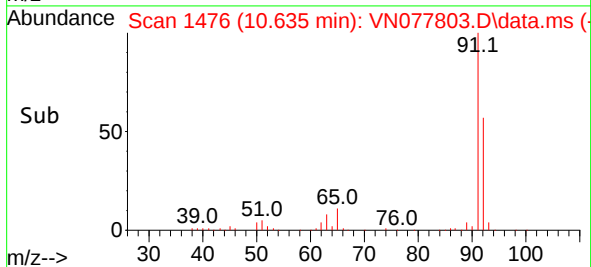
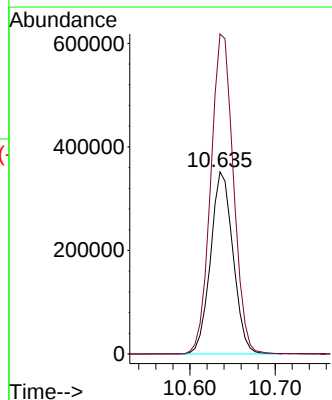
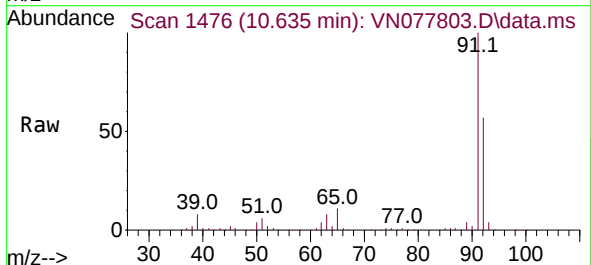
Manual Integrations
APPROVED

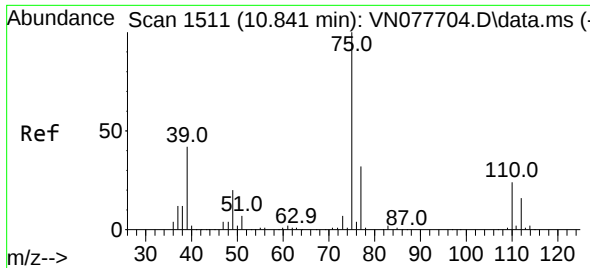
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 49.747 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion: 92 Resp: 644663
Ion Ratio Lower Upper
92 100
91 177.8 137.4 206.0





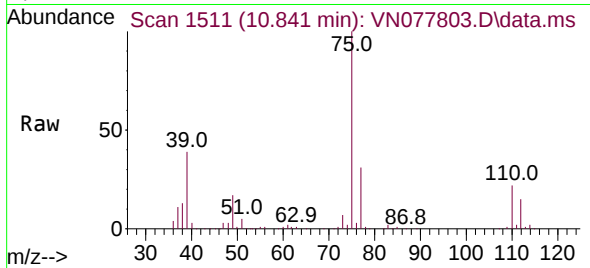
#53
t-1,3-Dichloropropene
Concen: 50.072 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



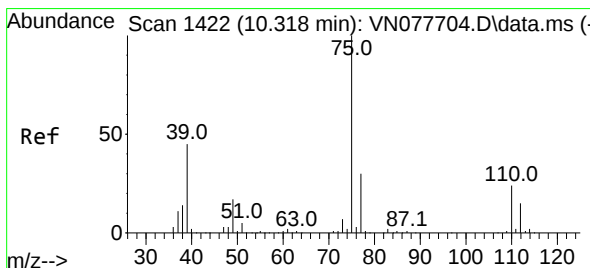
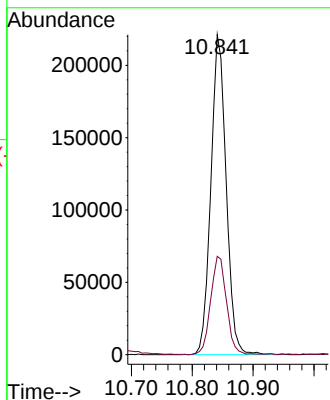
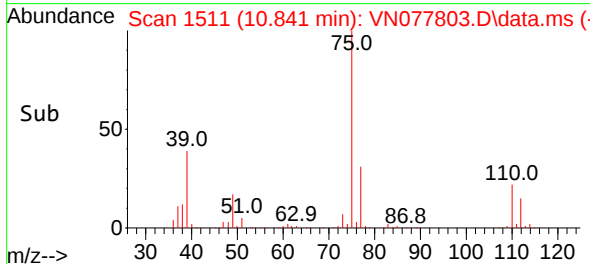
Tgt Ion: 75 Resp: 385690
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

Manual Integrations

APPROVED

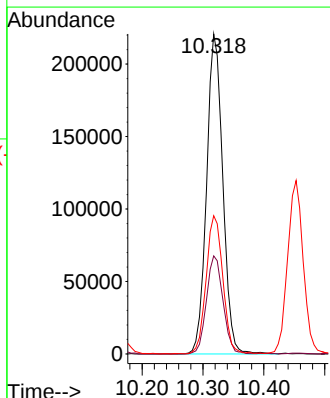
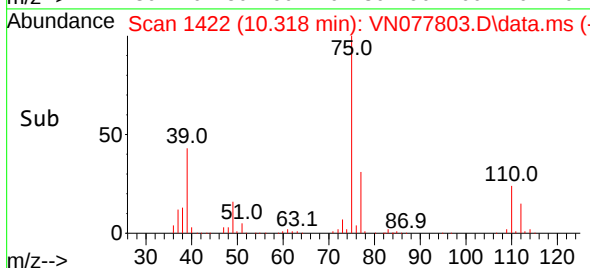
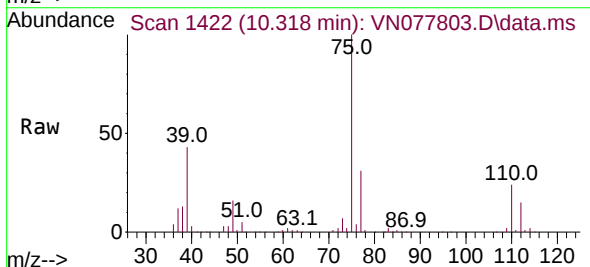
Reviewed By :John Carlone 05/23/2023

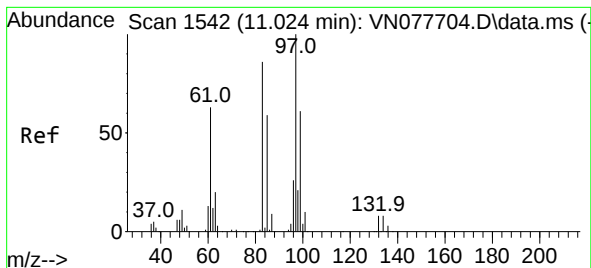
Supervised By :Mahesh Dadoda 05/23/2023



#54
cis-1,3-Dichloropropene
Concen: 48.134 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

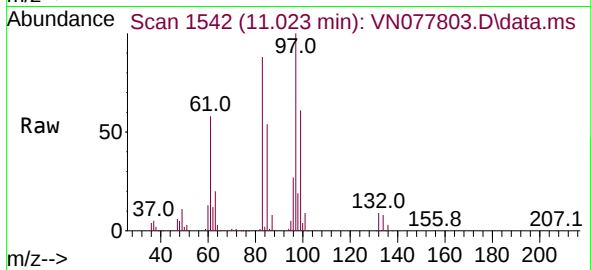
Tgt Ion: 75 Resp: 408583
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 43.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.726 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

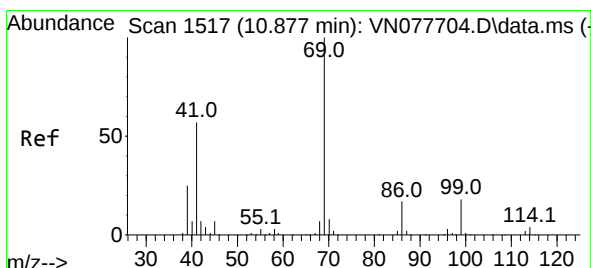
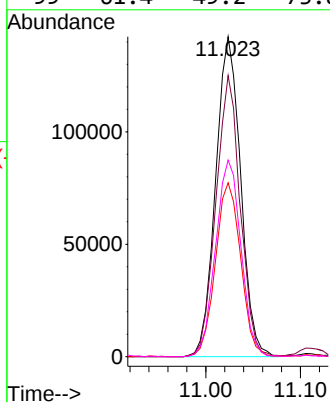
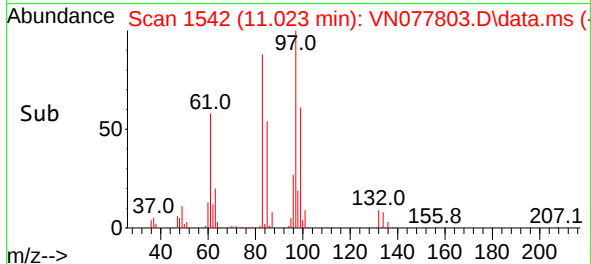
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



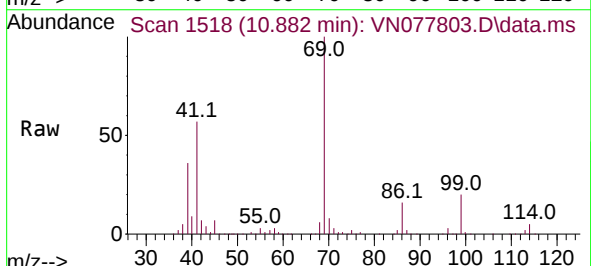
Tgt Ion:	97	Resp:	261009
Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.1	97.7
85	54.4	43.4	65.2
99	61.4	49.2	73.8

Manual Integrations
APPROVED

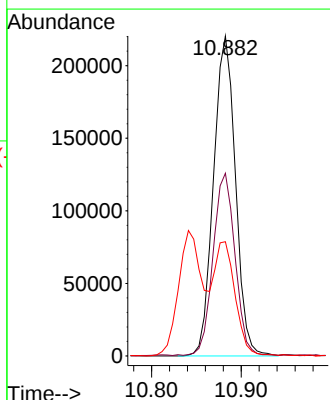
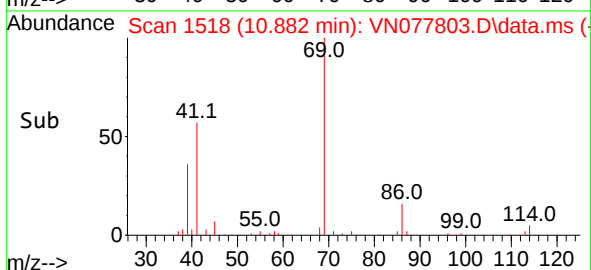
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

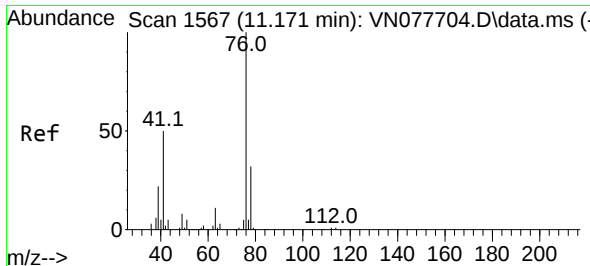


#56
Ethyl methacrylate
Concen: 48.131 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



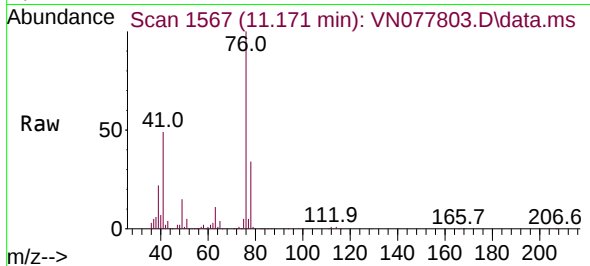
Tgt Ion:	69	Resp:	374460
Ion	Ratio	Lower	Upper
69	100		
41	57.0	39.6	59.4
39	32.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 48.737 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

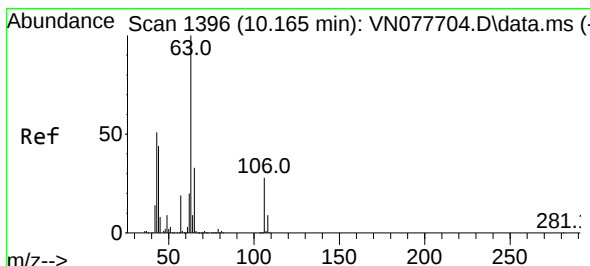
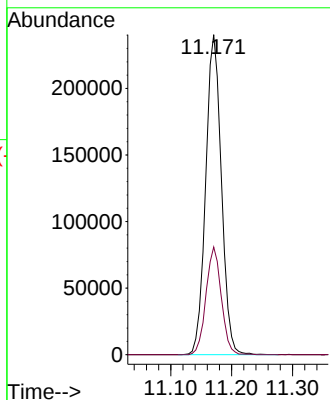
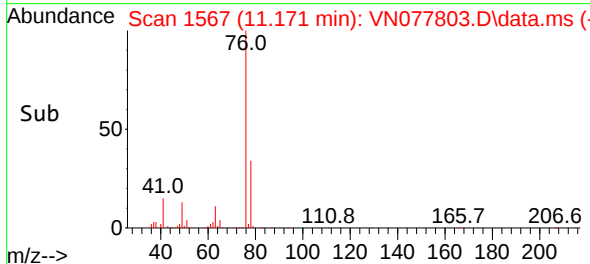
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



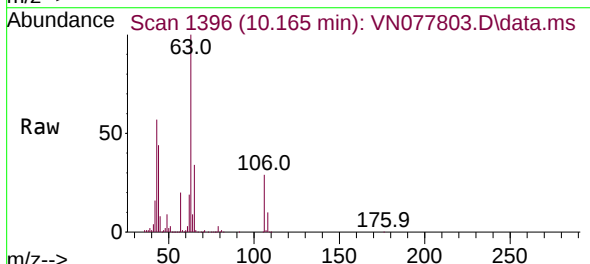
Tgt Ion: 76 Resp: 429910
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

Manual Integrations
APPROVED

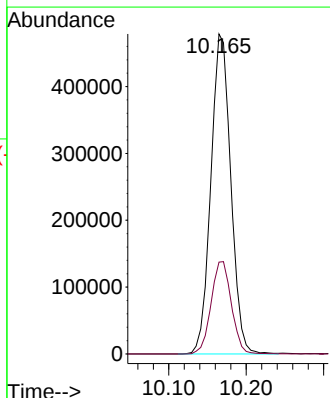
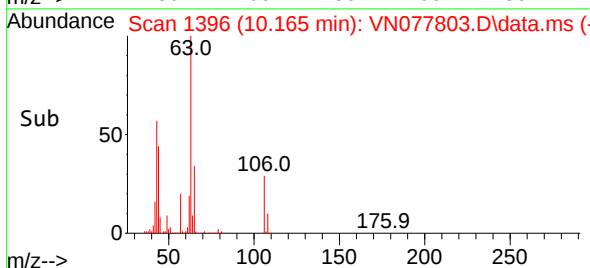
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

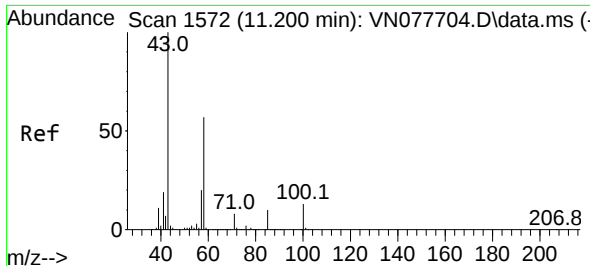


#58
2-Chloroethyl Vinyl ether
Concen: 223.597 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



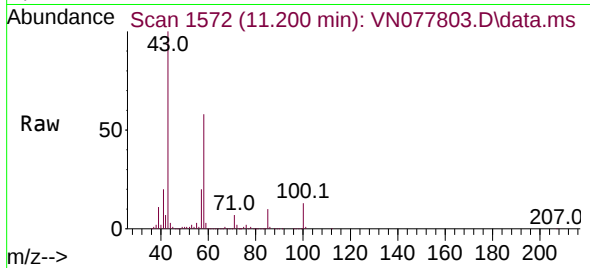
Tgt Ion: 63 Resp: 855804
Ion Ratio Lower Upper
63 100
106 29.5 26.2 39.4





#59
2-Hexanone
Concen: 221.446 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

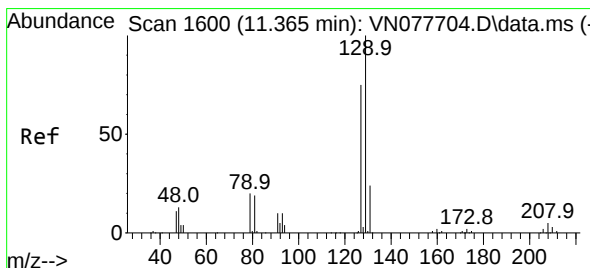
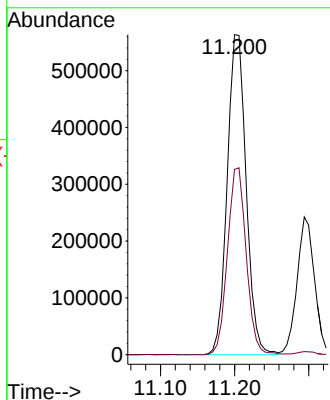
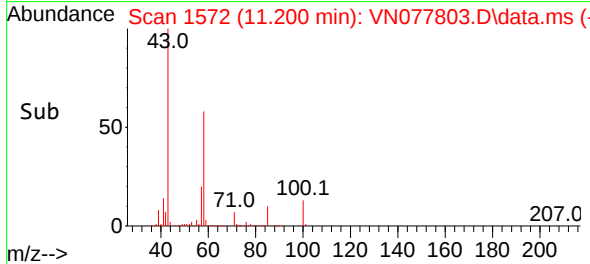
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 999858
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

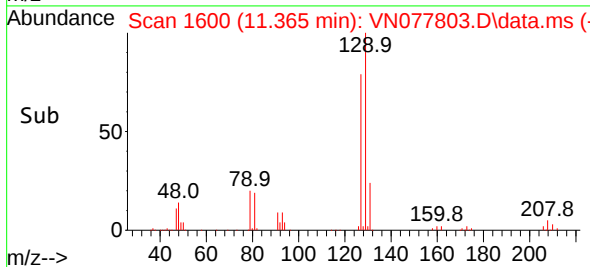
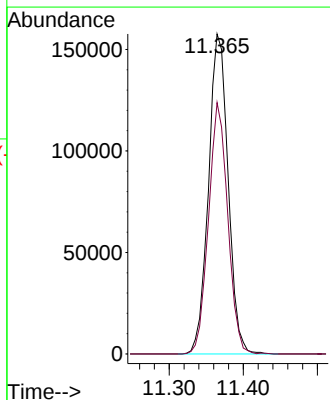
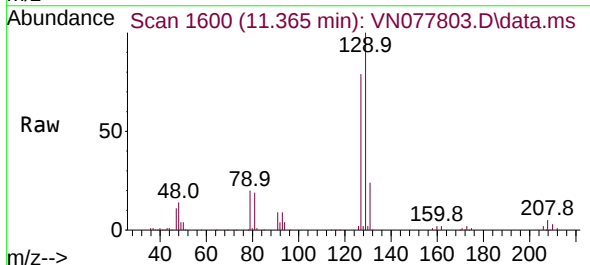
Manual Integrations
APPROVED

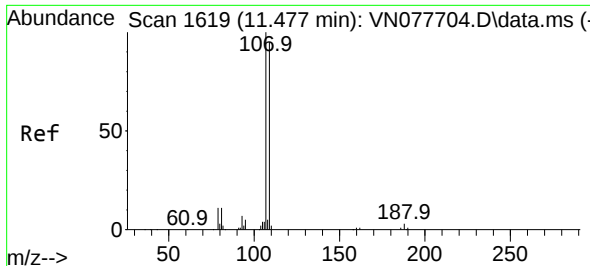
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 54.553 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

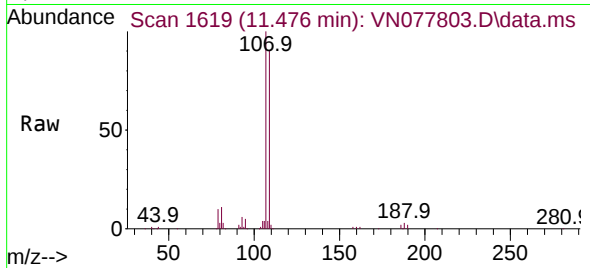
Tgt Ion:129 Resp: 289783
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.743 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

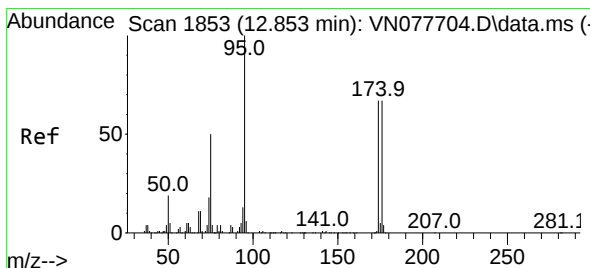
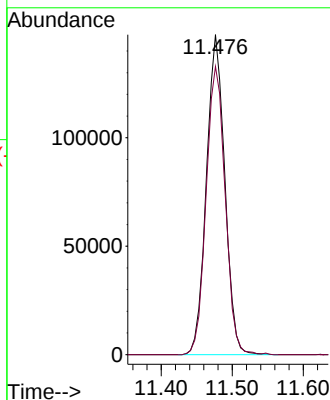
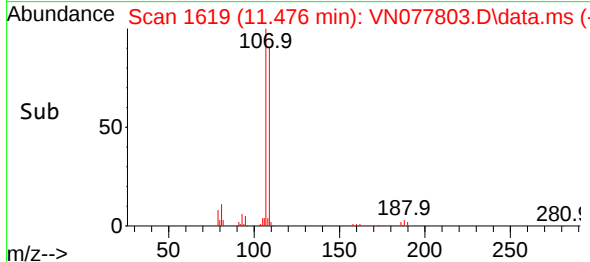
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



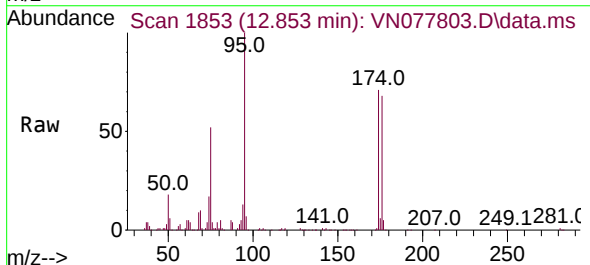
Tgt Ion:107 Resp: 265607
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

Manual Integrations
APPROVED

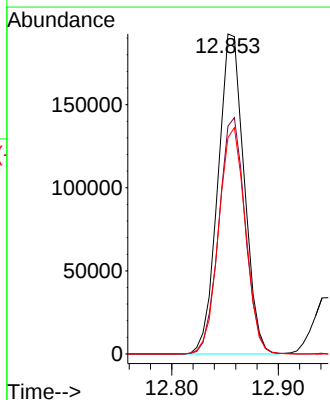
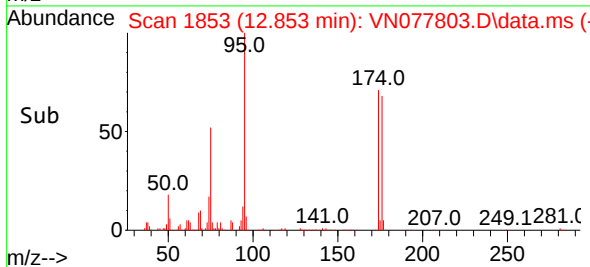
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

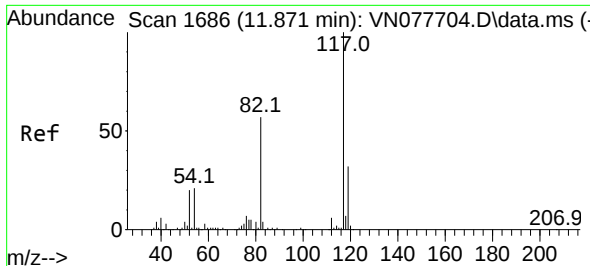


#62
4-Bromofluorobenzene
Concen: 50.111 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



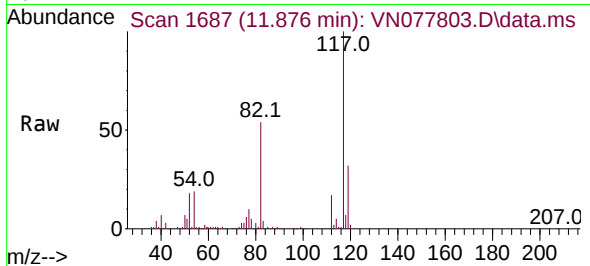
Tgt Ion: 95 Resp: 328529
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

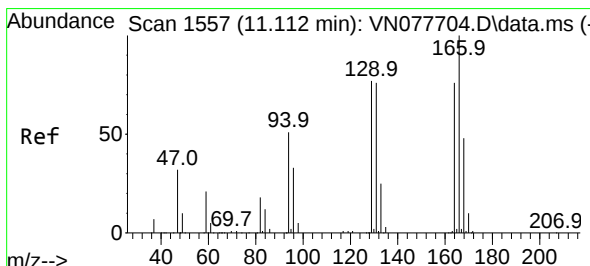
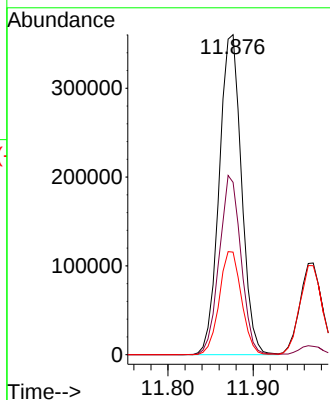
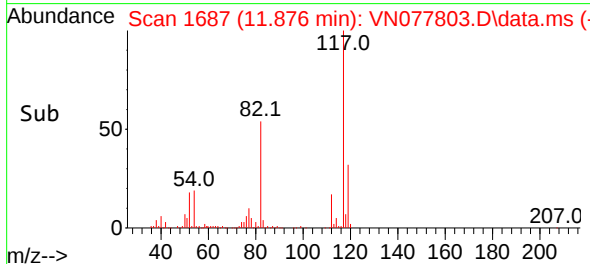
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 65466
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.1 25.6 38.4

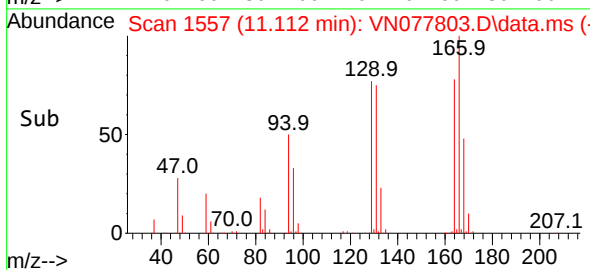
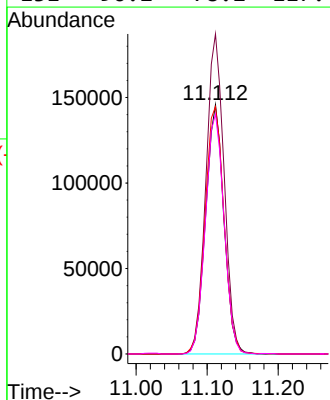
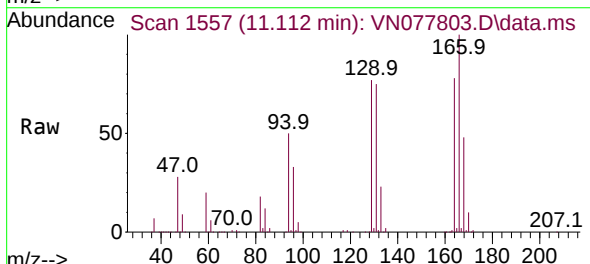
Manual Integrations
APPROVED

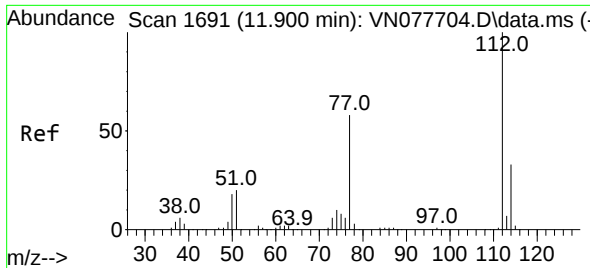
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 56.751 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

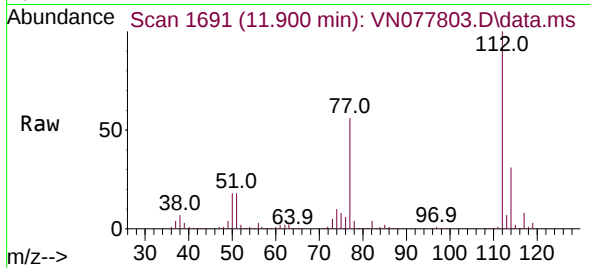
Tgt Ion:164 Resp: 259819
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 99.3 82.4 123.6
131 96.2 78.2 117.4





#65
Chlorobenzene
Concen: 49.663 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

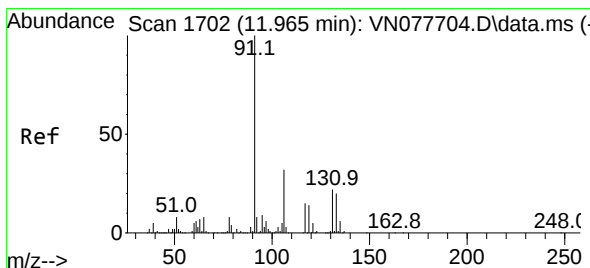
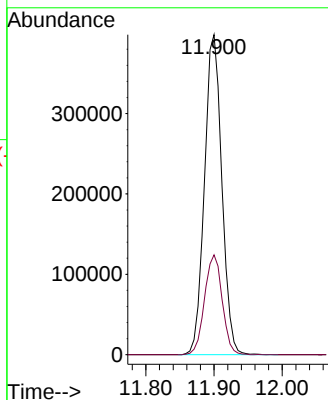
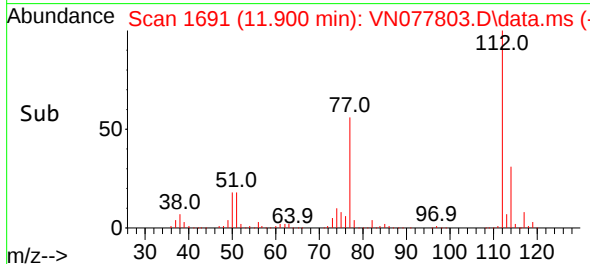
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



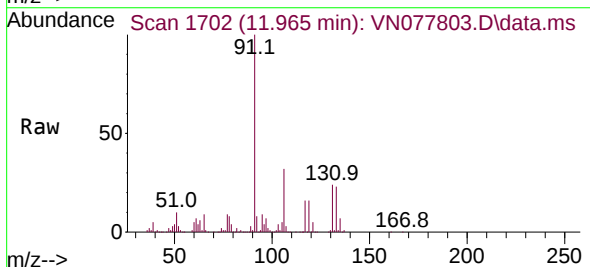
Tgt Ion:112 Resp: 70483
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

Manual Integrations
APPROVED

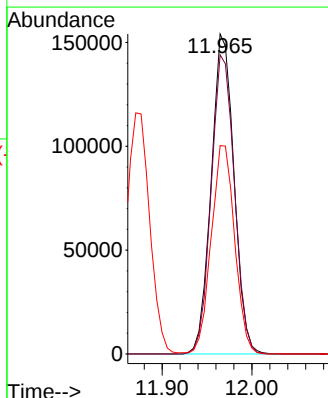
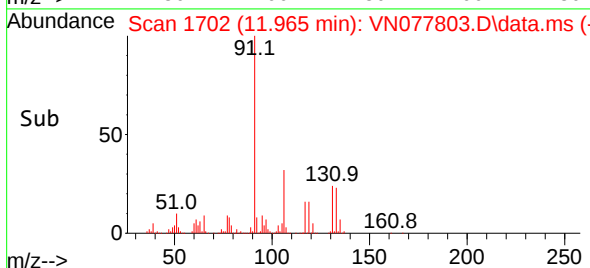
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

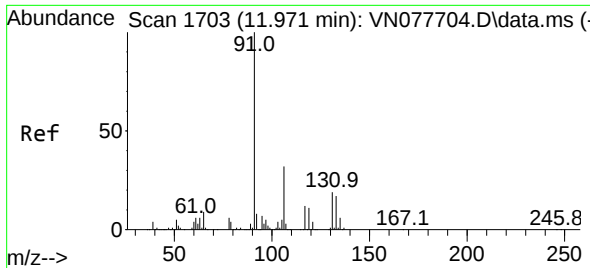


#66
1,1,1,2-Tetrachloroethane
Concen: 55.245 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



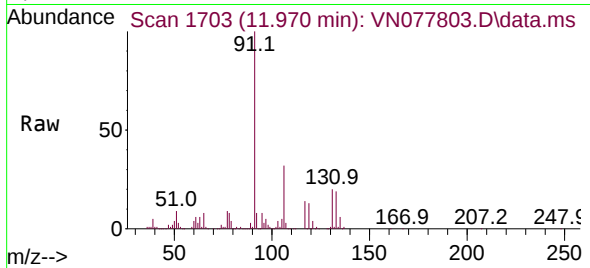
Tgt Ion:131 Resp: 271297
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 49.627 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

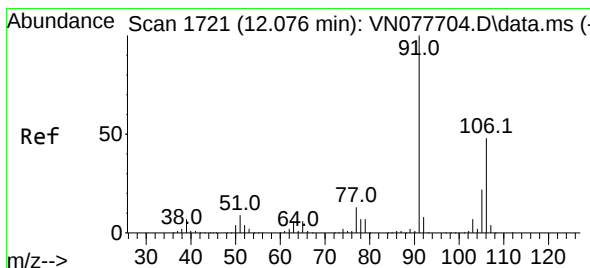
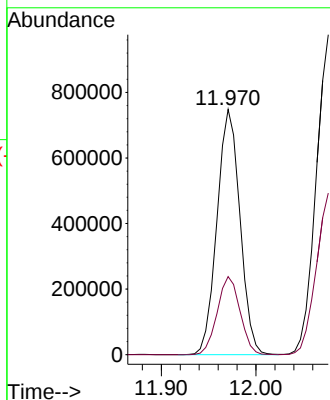
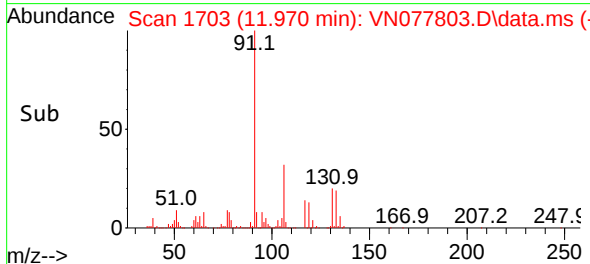
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



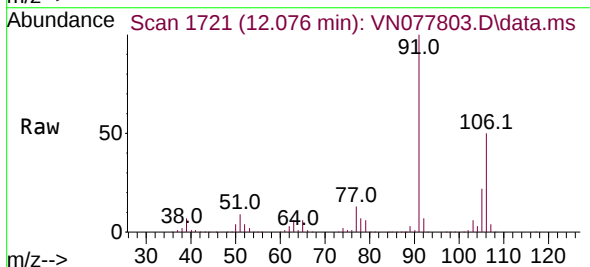
Tgt Ion: 91 Resp: 126217
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

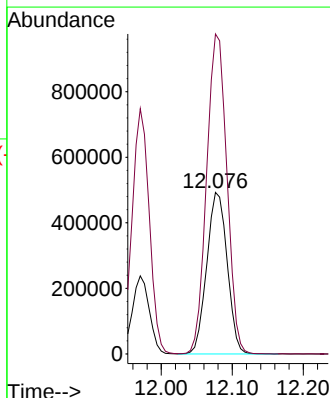
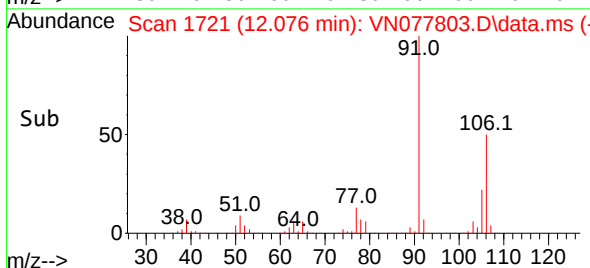
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

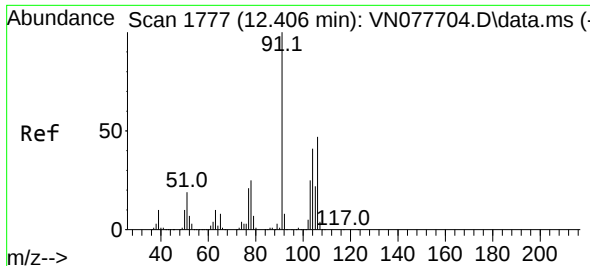


#68
m/p-Xylenes
Concen: 102.270 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



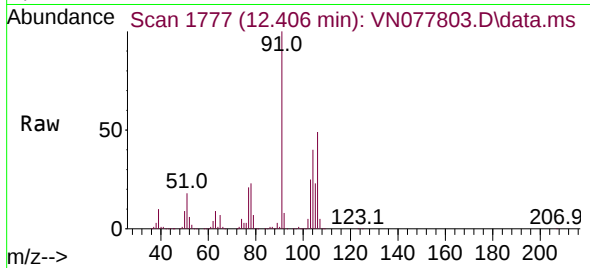
Tgt Ion:106 Resp: 985577
Ion Ratio Lower Upper
106 100
91 196.4 159.6 239.4





#69
o-Xylene
Concen: 51.479 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

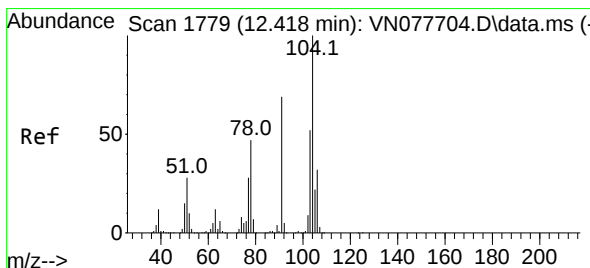
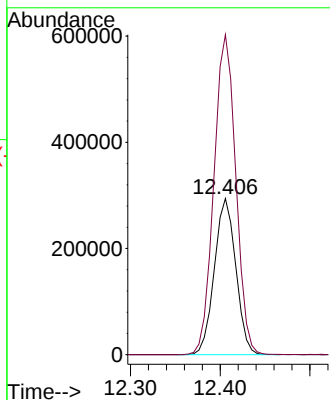
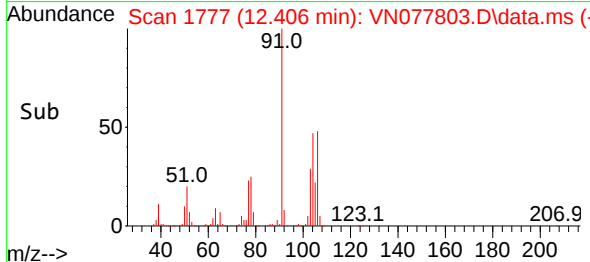
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 48788
Ion Ratio Lower Upper
106 100
91 209.3 105.2 315.5

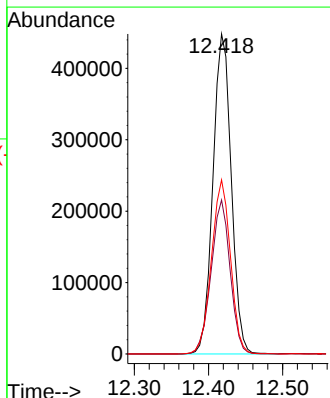
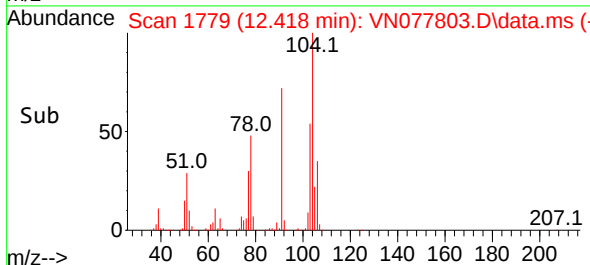
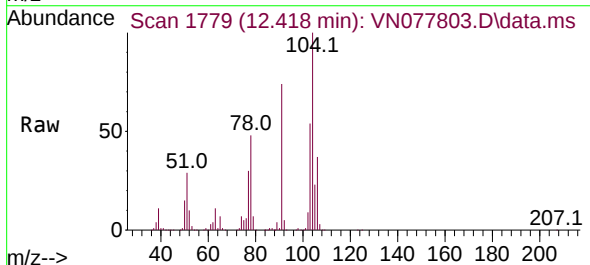
Manual Integrations
APPROVED

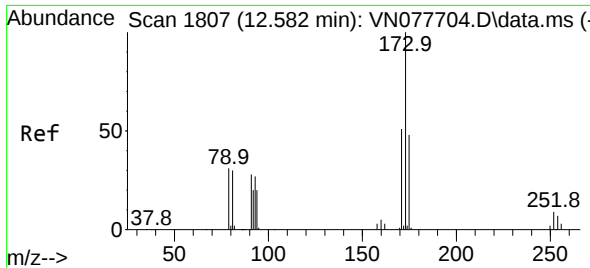
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 51.086 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

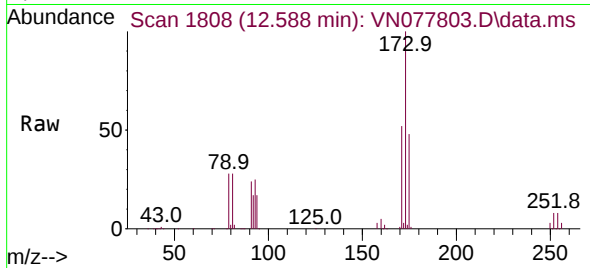
Tgt Ion:104 Resp: 769136
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.5 43.2 64.8





#71
Bromoform
Concen: 55.749 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

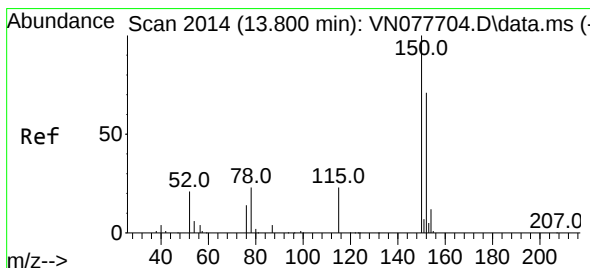
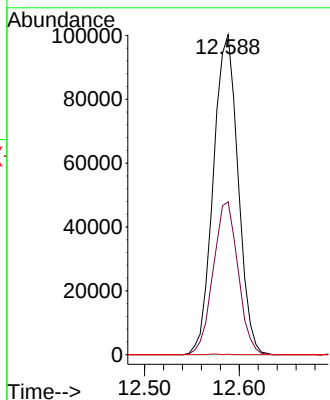
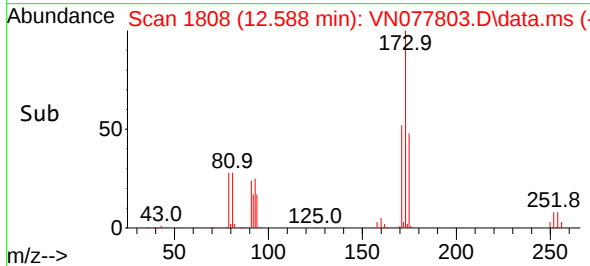
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



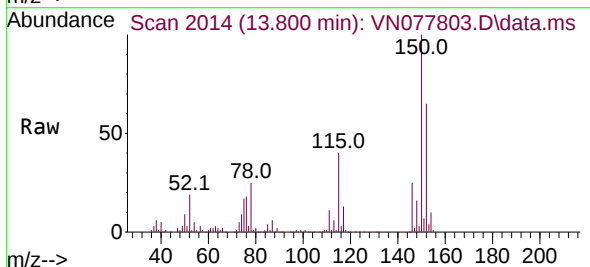
Tgt Ion:173 Resp: 18212
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

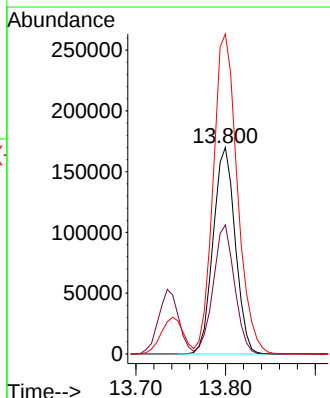
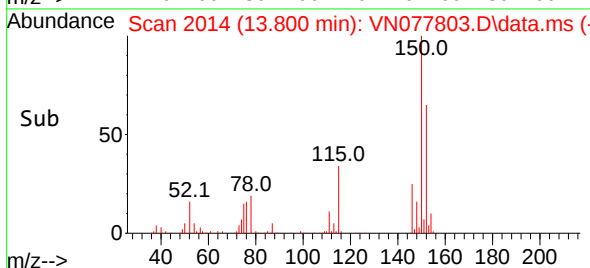
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

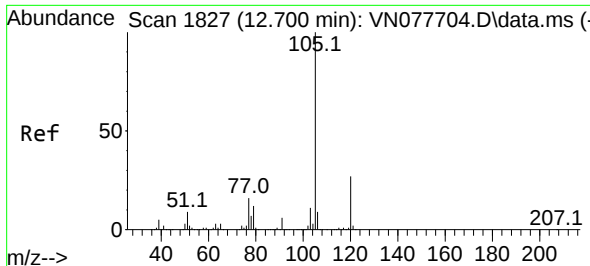


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



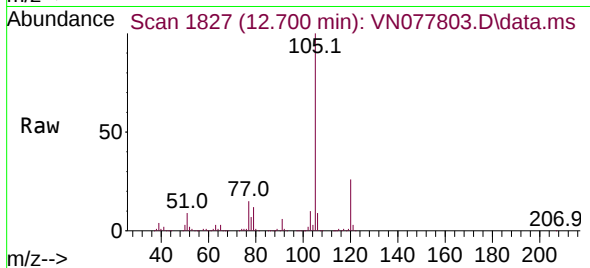
Tgt Ion:152 Resp: 289413
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 169.9 0.0 355.8





#73
Isopropylbenzene
Concen: 50.724 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

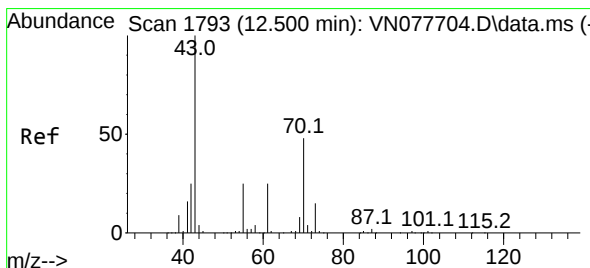
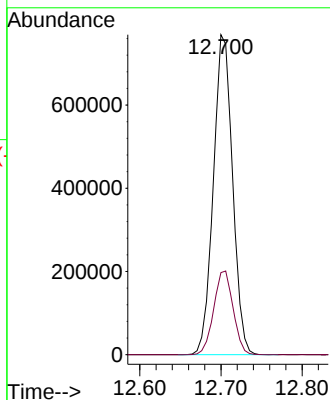
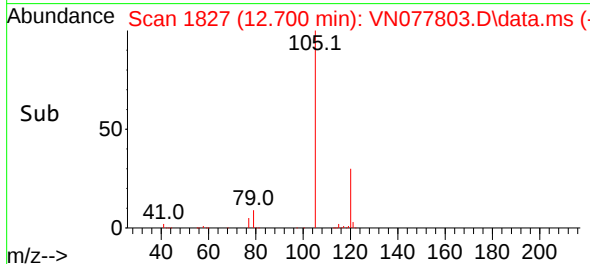
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



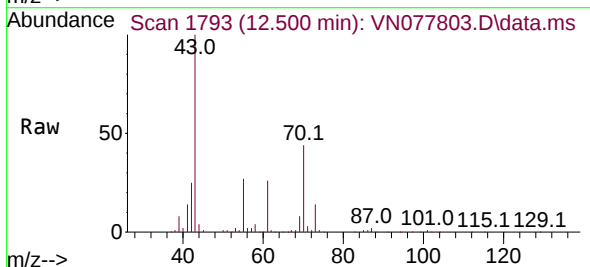
Tgt Ion:105 Resp: 1265428
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

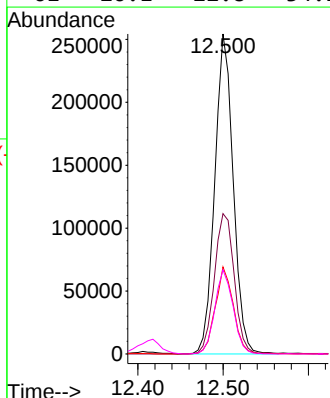
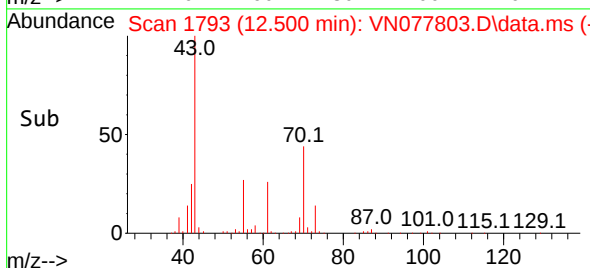
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

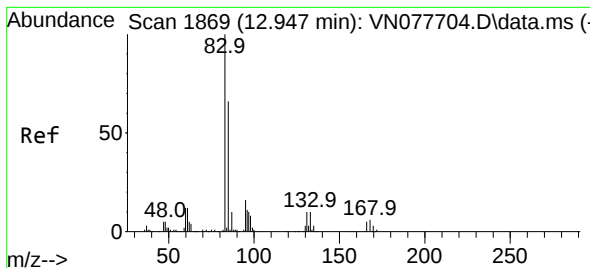


#74
N-ethyl acetate
Concen: 41.572 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



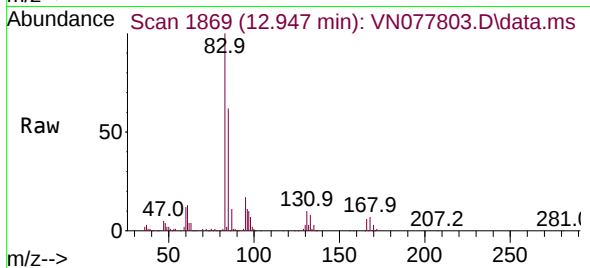
Tgt Ion: 43 Resp: 383345
Ion Ratio Lower Upper
43 100
70 47.2 43.4 65.2
55 26.7 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.160 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

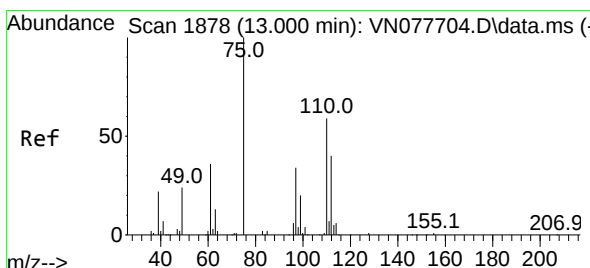
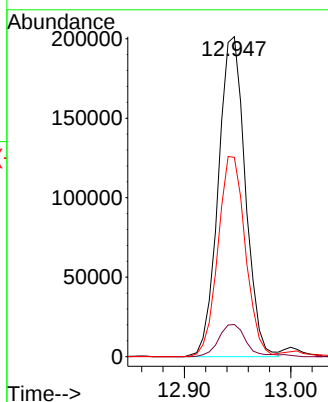
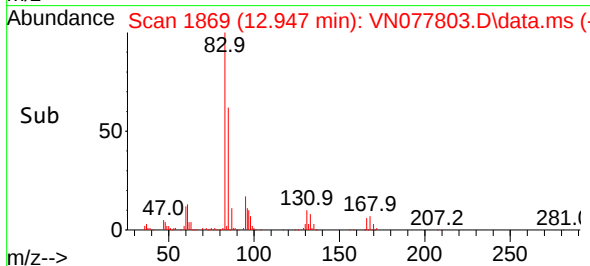
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 35426
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.6 31.9 95.7

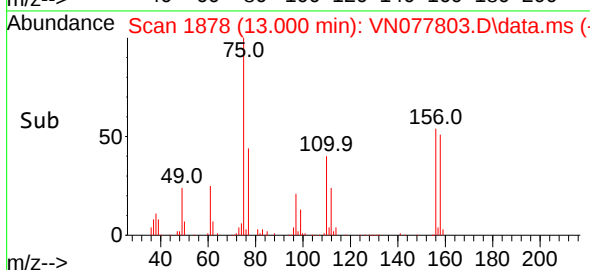
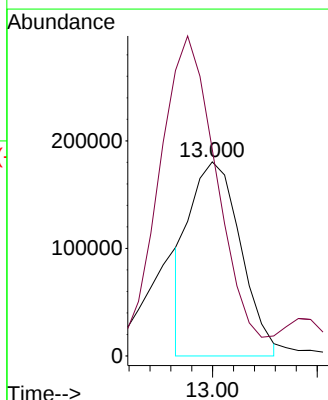
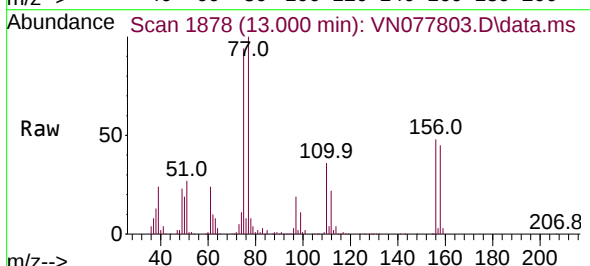
Manual Integrations
APPROVED

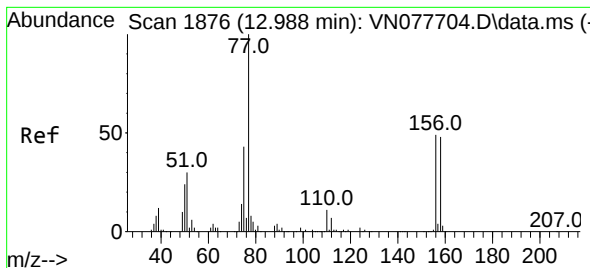
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 42.158 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

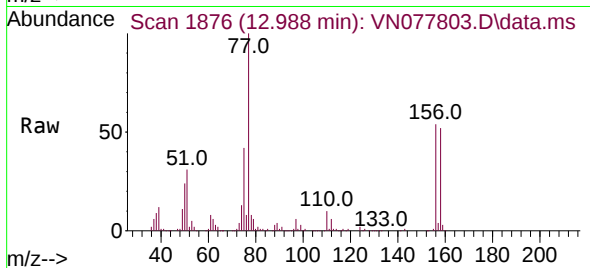
Tgt Ion: 75 Resp: 305561
Ion Ratio Lower Upper
75 100
77 190.1 84.5 253.5





#77
Bromobenzene
Concen: 49.481 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

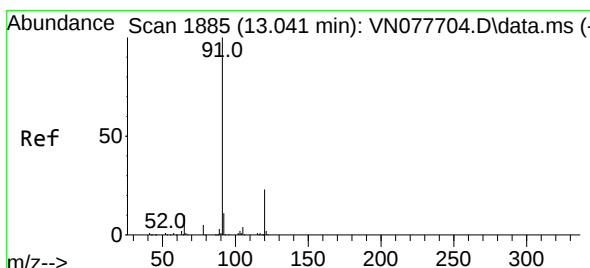
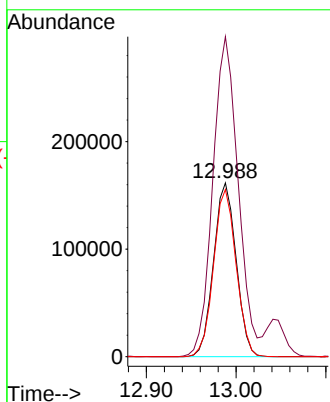
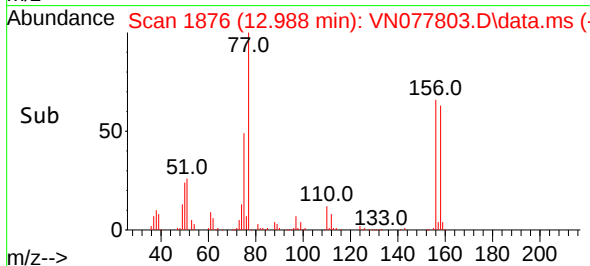
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 28170
Ion Ratio Lower Upper
156 100
77 206.1 107.7 323.3
158 96.3 48.4 145.3

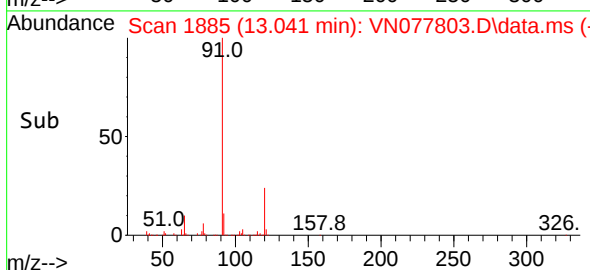
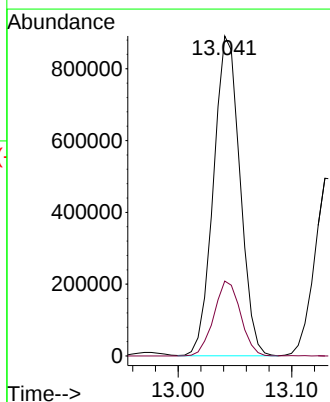
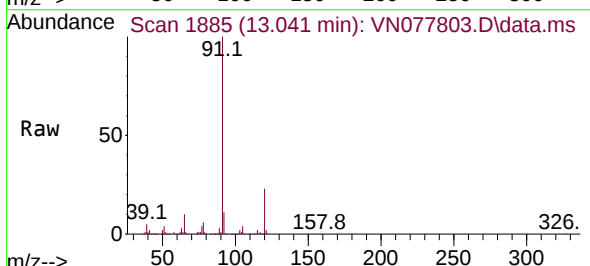
Manual Integrations
APPROVED

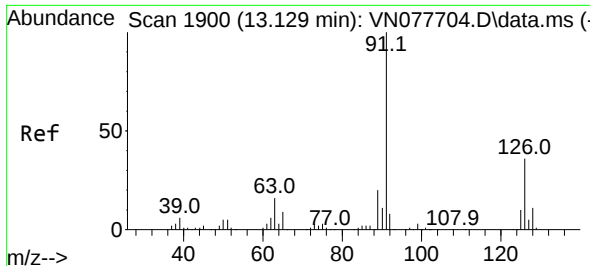
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#78
n-propylbenzene
Concen: 49.033 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion: 91 Resp: 1442145
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.920 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 858560

Ion Ratio Lower Upper

91 100

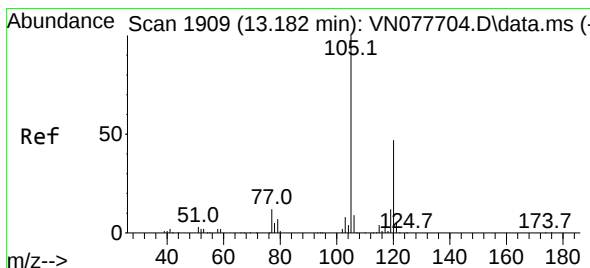
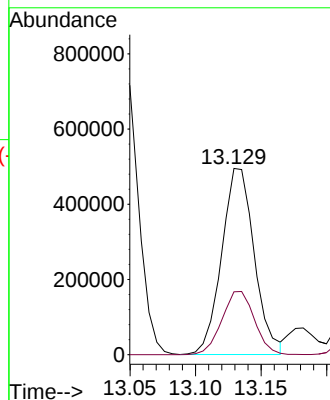
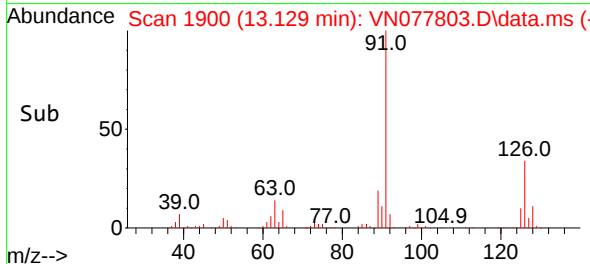
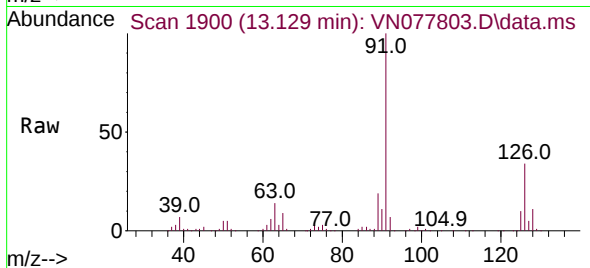
126 34.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#80

1,3,5-Trimethylbenzene

Concen: 50.569 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077803.D

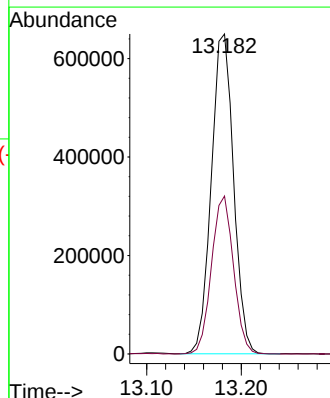
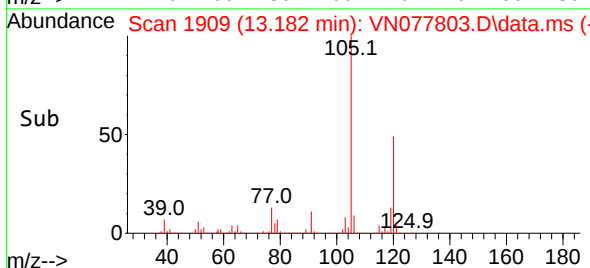
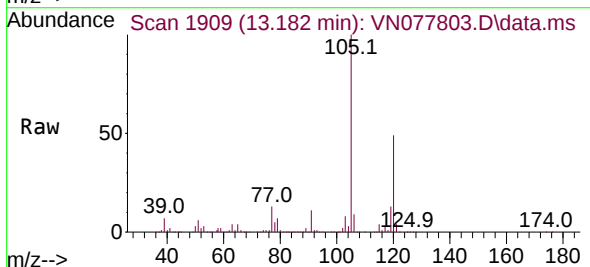
Acq: 22 May 2023 20:41

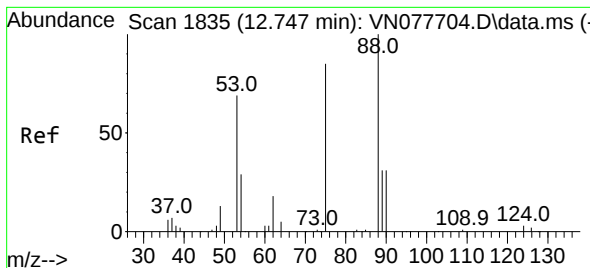
Tgt Ion:105 Resp: 1060304

Ion Ratio Lower Upper

105 100

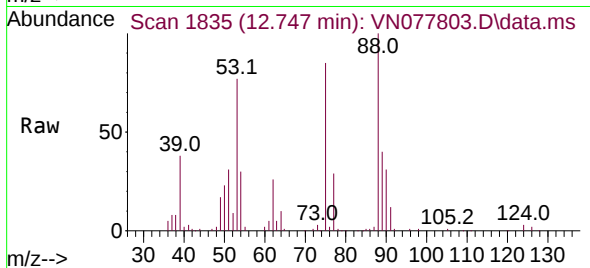
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.633 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

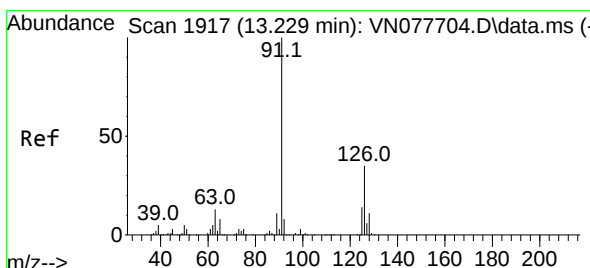
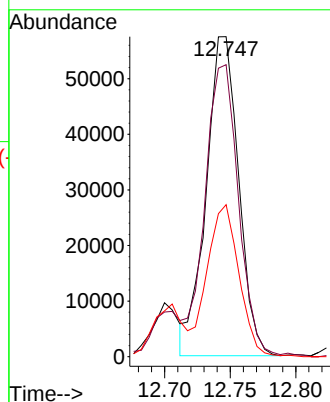
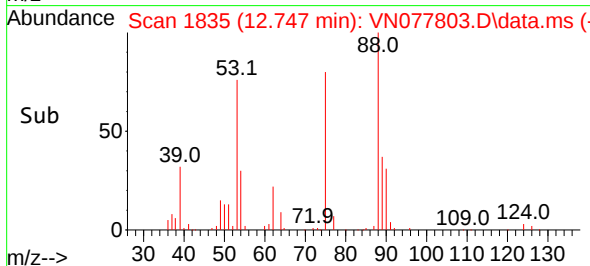
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 98935
Ion Ratio Lower Upper
75 100
53 95.7 67.4 101.2
89 46.9 38.8 58.2

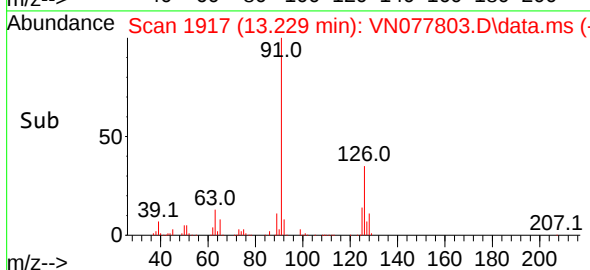
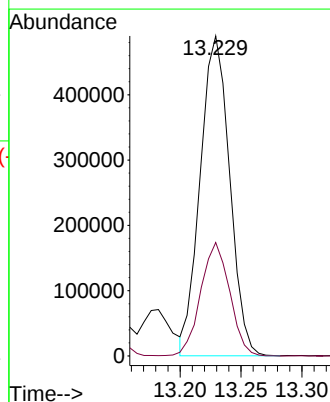
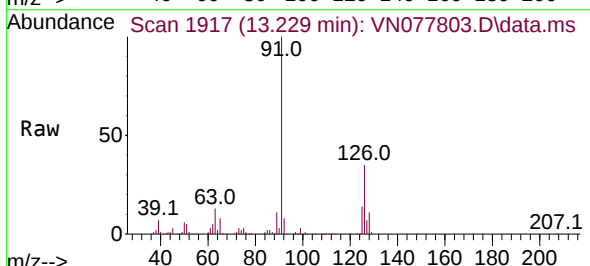
Manual Integrations
APPROVED

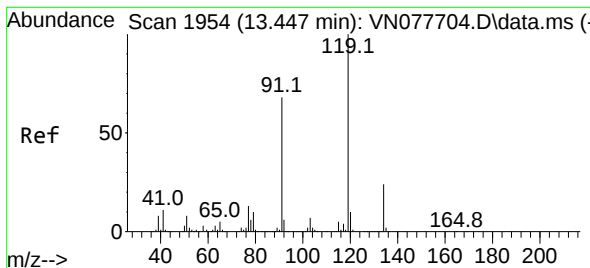
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#82
4-Chlorotoluene
Concen: 47.130 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

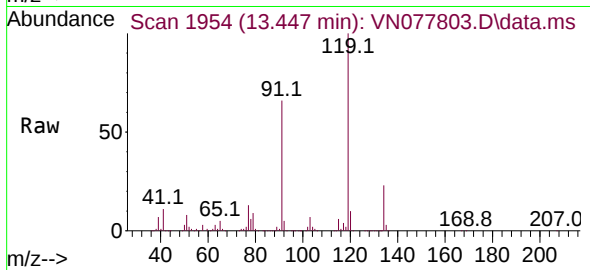
Tgt Ion: 91 Resp: 822987
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 51.782 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

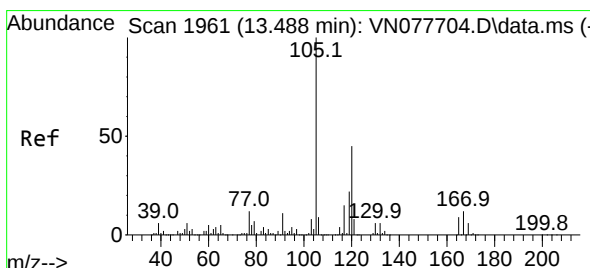
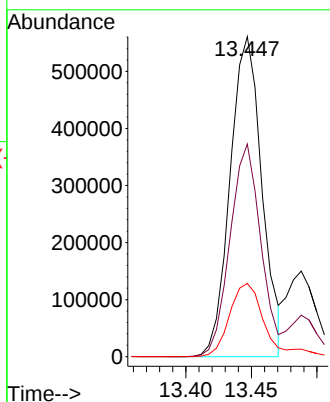
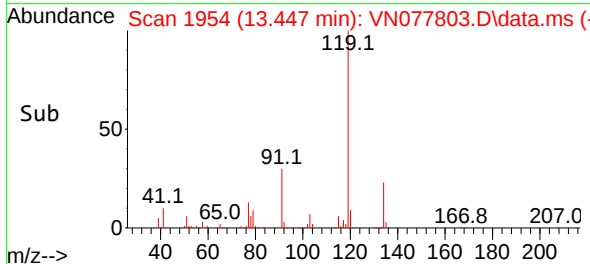
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 947835
Ion Ratio Lower Upper
119 100
91 65.8 33.9 101.7
134 25.3 13.2 39.6

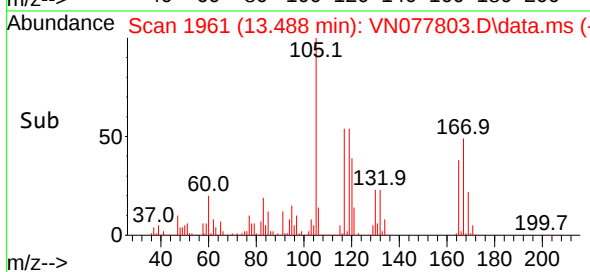
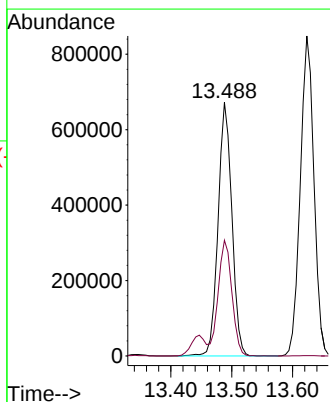
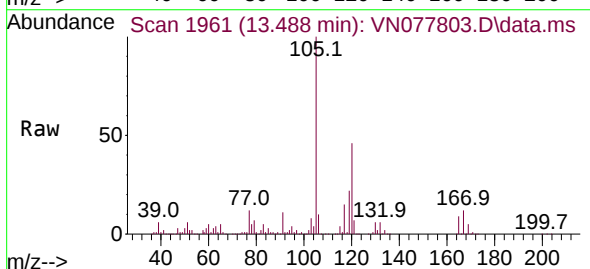
Manual Integrations
APPROVED

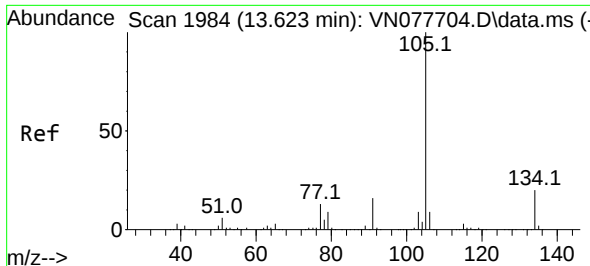
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.285 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

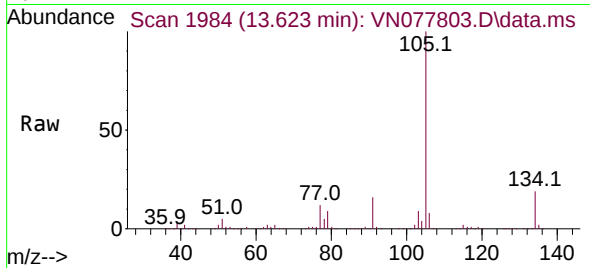
Tgt Ion:105 Resp: 1057556
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.635 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077803.D
 Acq: 22 May 2023 20:41

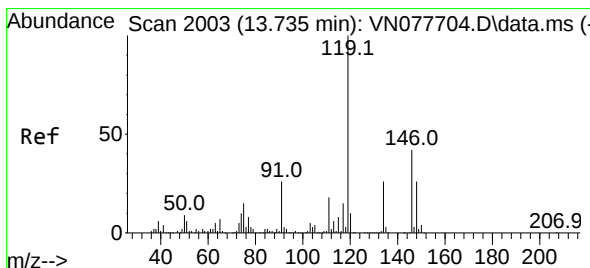
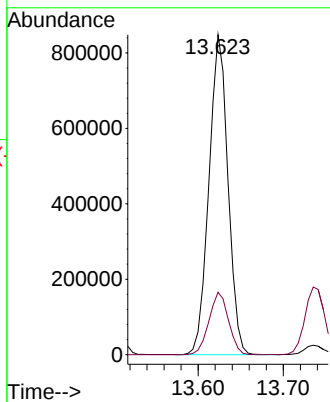
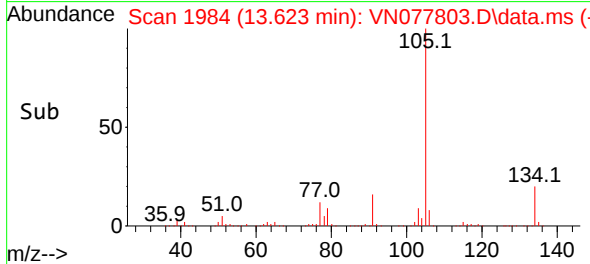
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



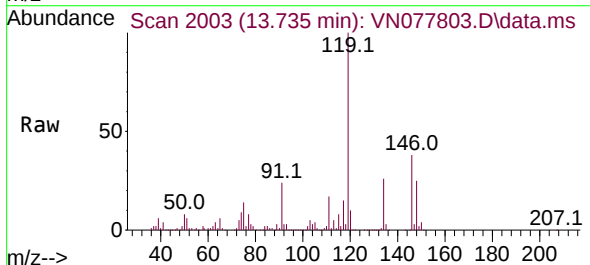
Tgt Ion:105 Resp: 1317210
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

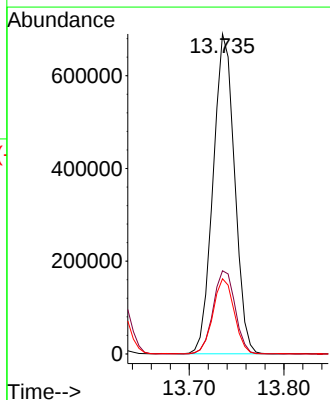
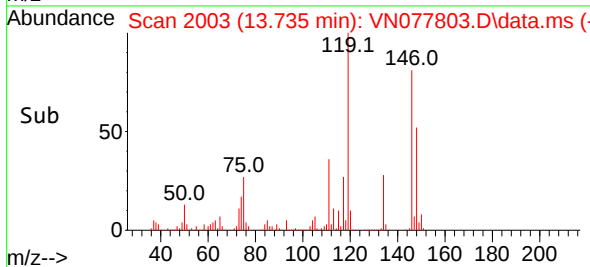
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

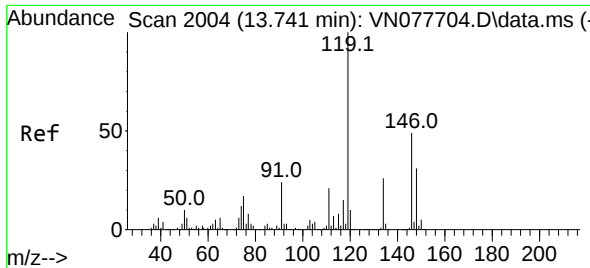


#86
 p-Isopropyltoluene
 Concen: 52.398 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077803.D
 Acq: 22 May 2023 20:41



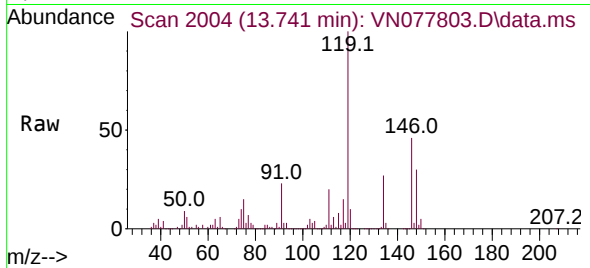
Tgt Ion:119 Resp: 1086672
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 23.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.926 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

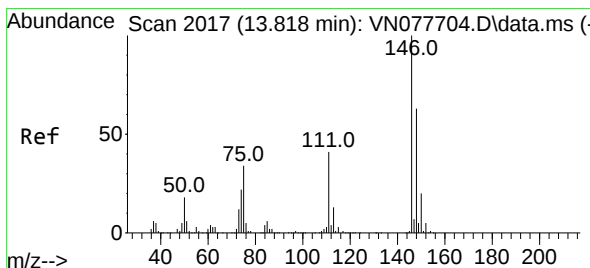
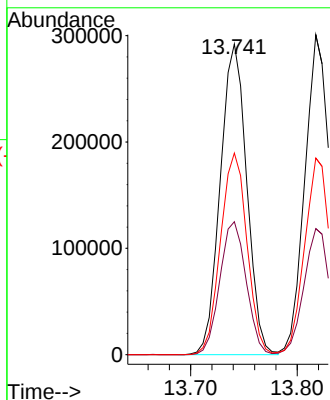
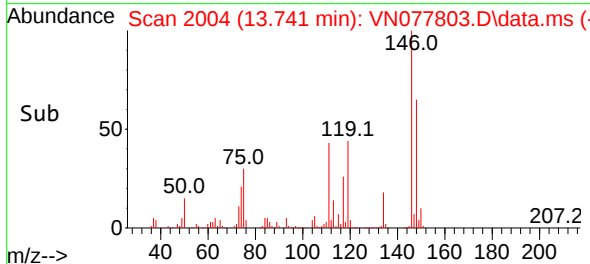
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



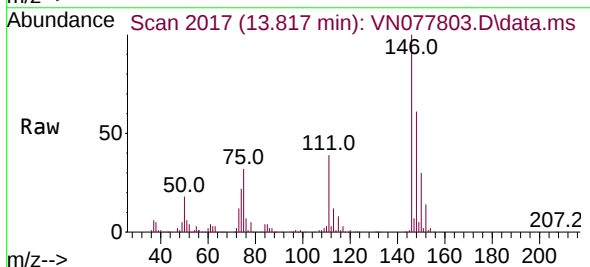
Tgt Ion:146 Resp: 504590
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 64.7 32.0 96.0

Manual Integrations
APPROVED

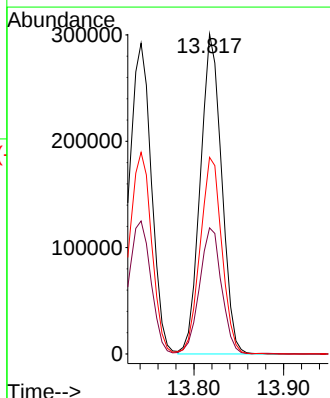
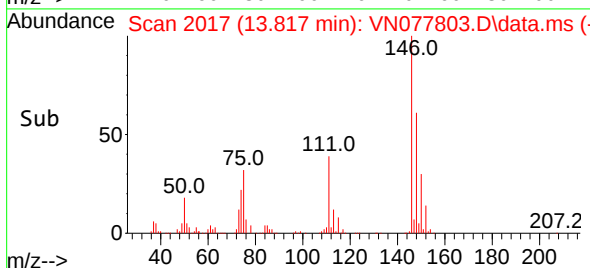
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

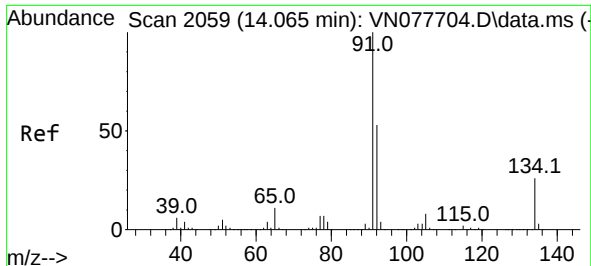


#88
1,4-Dichlorobenzene
Concen: 47.544 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



Tgt Ion:146 Resp: 496728
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 47.176 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077803.D

Acq: 22 May 2023 20:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 899889

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

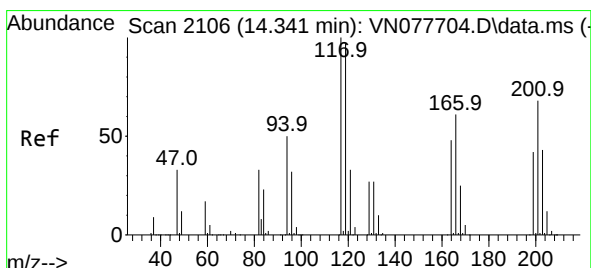
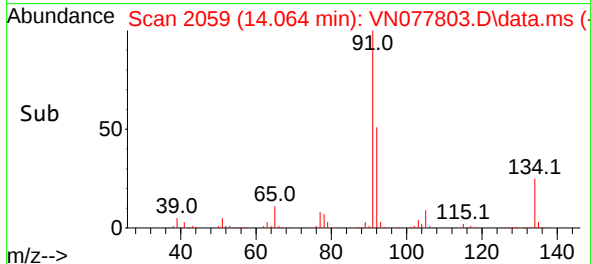
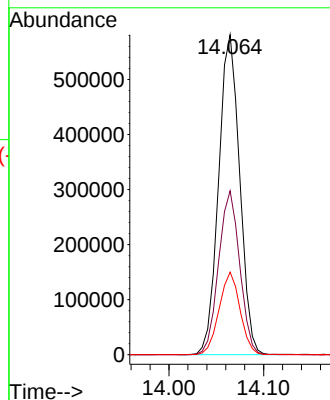
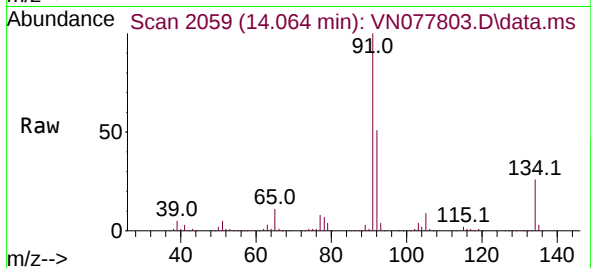
134 25.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#90

Hexachloroethane

Concen: 54.778 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077803.D

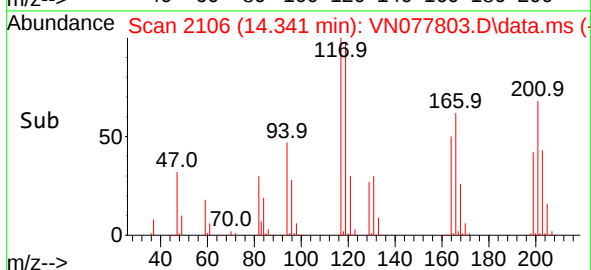
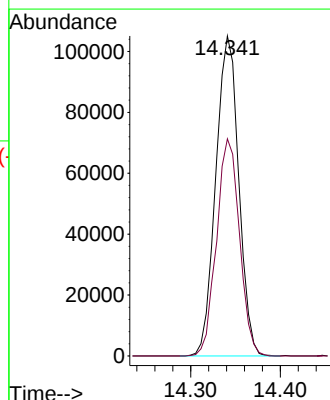
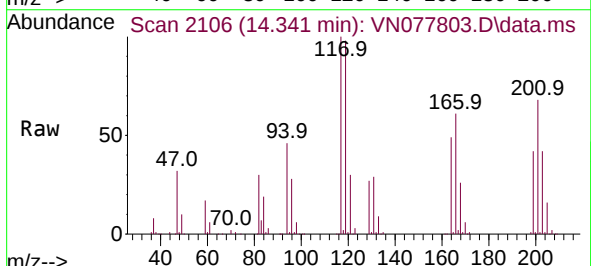
Acq: 22 May 2023 20:41

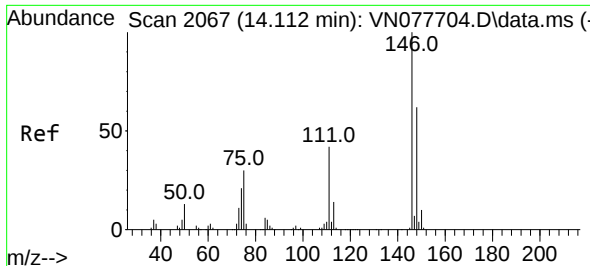
Tgt Ion:117 Resp: 186627

Ion Ratio Lower Upper

117 100

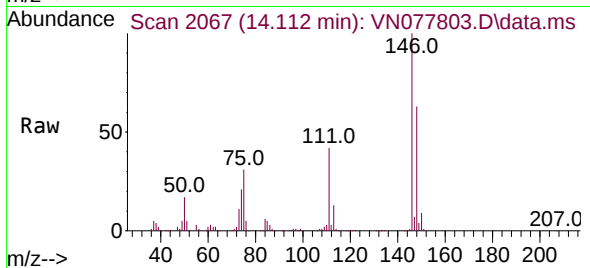
201 67.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 51.632 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

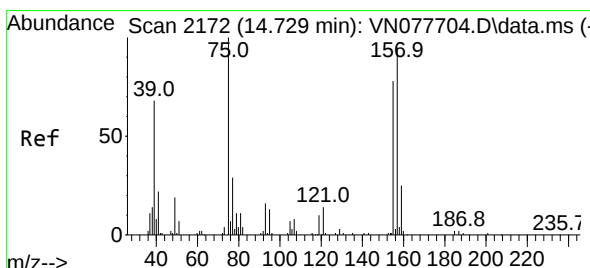
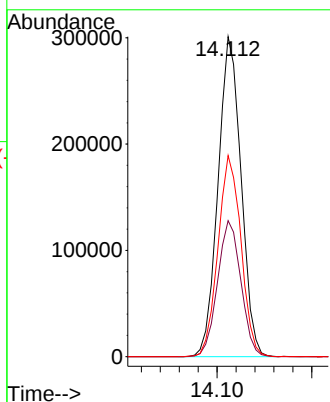
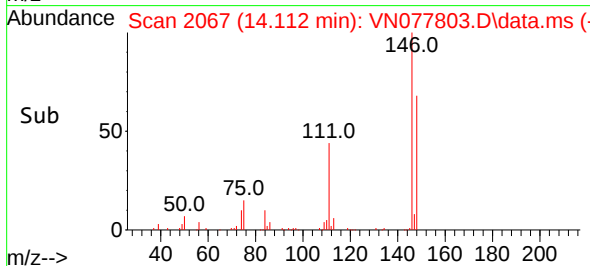
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



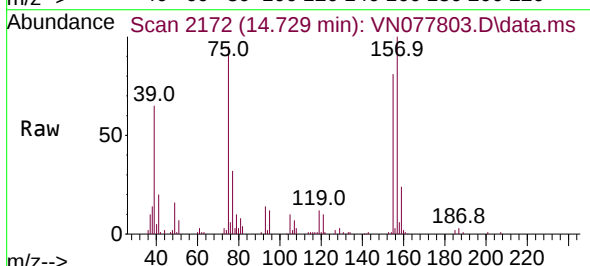
Tgt Ion:146 Resp: 507848
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 62.8 31.8 95.3

Manual Integrations
APPROVED

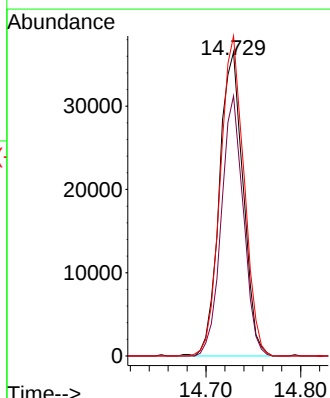
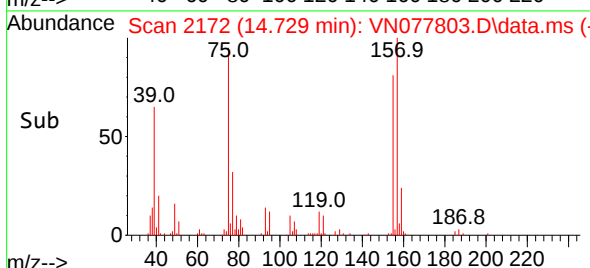
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

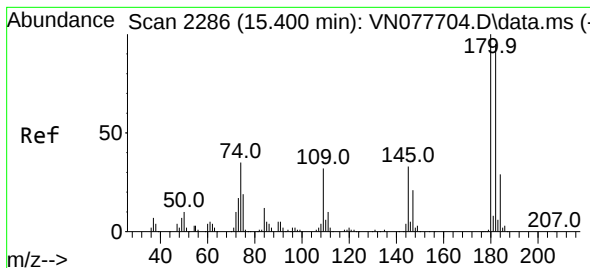


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.847 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



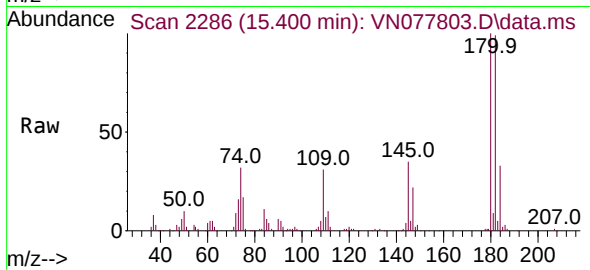
Tgt Ion: 75 Resp: 63665
Ion Ratio Lower Upper
75 100
155 79.1 39.1 117.2
157 104.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 40.994 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

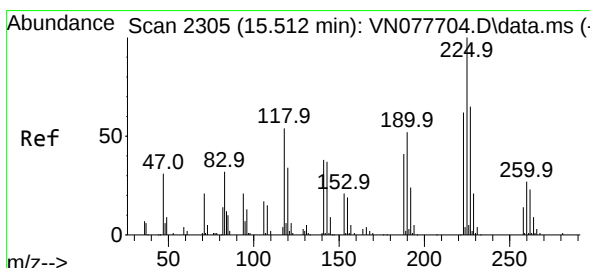
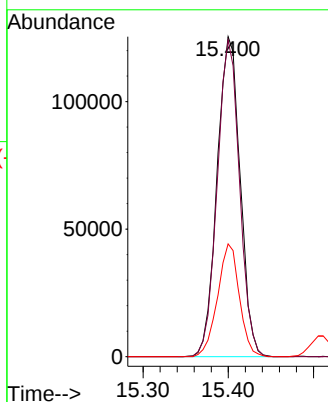
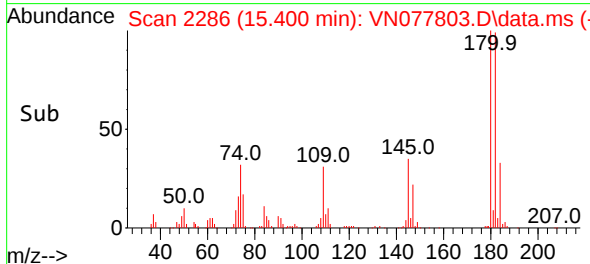
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



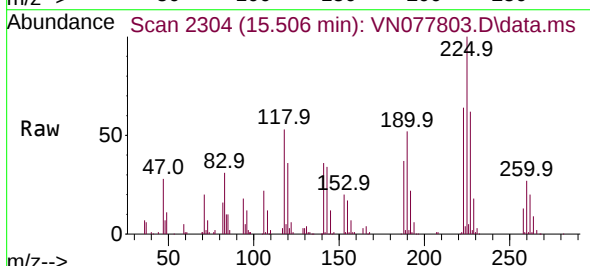
Tgt Ion:180 Resp: 235630
Ion Ratio Lower Upper
180 100
182 95.7 46.1 138.2
145 33.3 16.6 49.8

Manual Integrations
APPROVED

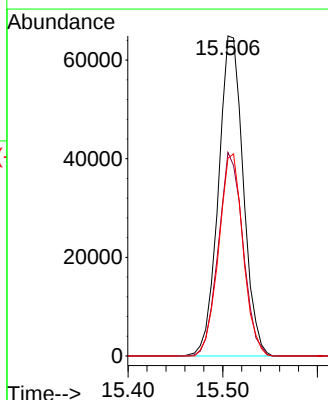
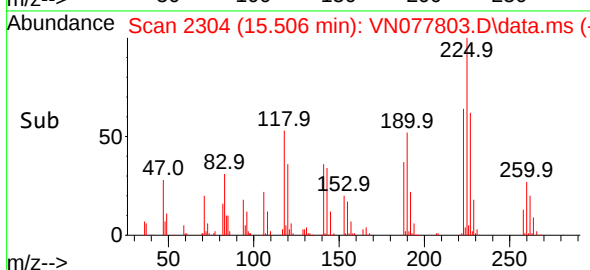
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

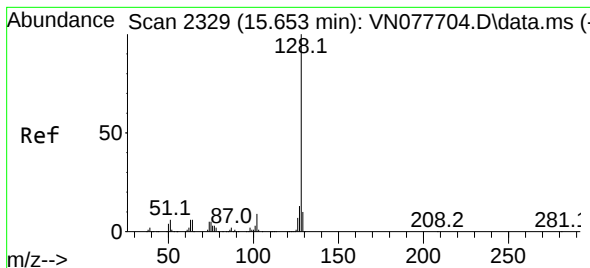


#94
Hexachlorobutadiene
Concen: 49.568 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41



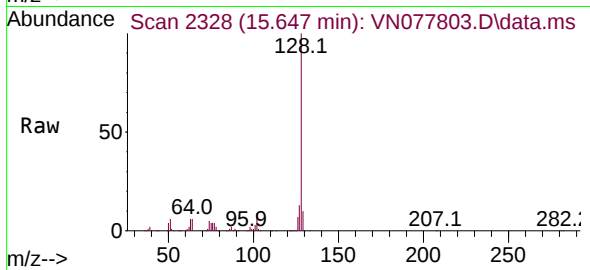
Tgt Ion:225 Resp: 118294
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.8
227 61.9 31.9 95.9





#95
Naphthalene
Concen: 36.794 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

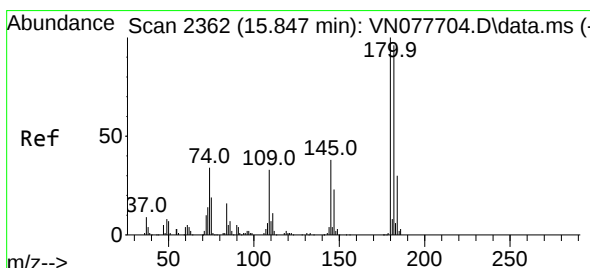
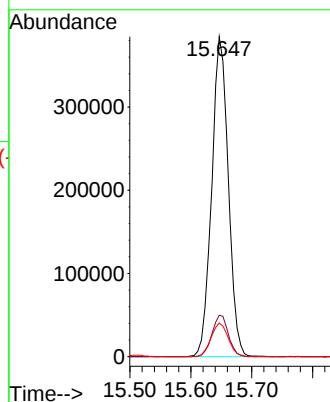
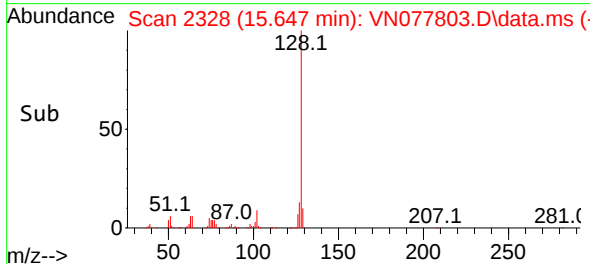
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 727948
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.285 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077803.D
Acq: 22 May 2023 20:41

Tgt Ion:180 Resp: 243595
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 33.4 17.5 52.6

