

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078114.D
 Acq On : 07 Jun 2023 19:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 08 05:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	461332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	814482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	711472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	293366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	304648	49.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	8.177	113	262805	51.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.060%		
50) Toluene-d8	10.571	98	1006684	50.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.853	95	318212	51.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	224251	43.002	ug/l	99
3) Chloromethane	2.371	50	241344	49.163	ug/l	97
4) Vinyl Chloride	2.518	62	309821	45.371	ug/l	94
5) Bromomethane	2.953	94	219243	42.484	ug/l	99
6) Chloroethane	3.124	64	212322	45.611	ug/l	97
7) Trichlorofluoromethane	3.506	101	404674	43.701	ug/l	99
8) Diethyl Ether	3.971	74	140395	43.149	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	225236	46.088	ug/l	99
10) Methyl Iodide	4.600	142	311000	44.999	ug/l	100
11) Tert butyl alcohol	5.536	59	173908	204.761	ug/l	99
12) 1,1-Dichloroethene	4.347	96	219928	43.656	ug/l	93
13) Acrolein	4.195	56	193741	206.974	ug/l	98
14) Allyl chloride	5.036	41	308096	50.100	ug/l	96
15) Acrylonitrile	5.730	53	501598	229.074	ug/l	98
16) Acetone	4.442	43	392184	221.513	ug/l	91
17) Carbon Disulfide	4.724	76	558762	43.092	ug/l	98
18) Methyl Acetate	5.036	43	355555	43.620	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	744088	46.293	ug/l	100
20) Methylene Chloride	5.283	84	255074	43.598	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	241148	44.381	ug/l #	80
22) Diisopropyl ether	6.683	45	687789	47.548	ug/l	97
23) Vinyl Acetate	6.612	43	2059414	239.501	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	442157	46.336	ug/l	99
25) 2-Butanone	7.494	43	631096	231.798	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	355300	50.427	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	293266	45.249	ug/l	95
28) Bromochloromethane	7.824	49	213164	48.653	ug/l	94
29) Tetrahydrofuran	7.847	42	424592	233.282	ug/l	85
30) Chloroform	7.971	83	487283	47.422	ug/l	93
31) Cyclohexane	8.265	56	364674	46.218	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	426421	47.269	ug/l	96
36) 1,1-Dichloropropene	8.377	75	363147	49.161	ug/l	97
37) Ethyl Acetate	7.565	43	274800	47.621	ug/l	94
38) Carbon Tetrachloride	8.371	117	382148	48.994	ug/l	95
39) Methylcyclohexane	9.606	83	374456	48.915	ug/l	94
40) Benzene	8.612	78	1061693	48.143	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	141249	45.158	ug/l	94
42) 1,2-Dichloroethane	8.677	62	364380	48.190	ug/l	96
43) Isopropyl Acetate	8.694	43	476210	43.150	ug/l	96
44) Trichloroethene	9.359	130	272611	46.809	ug/l	100
45) 1,2-Dichloropropane	9.630	63	271743	49.527	ug/l	99
46) Dibromomethane	9.718	93	188339	46.603	ug/l	94
47) Bromodichloromethane	9.894	83	371547	49.493	ug/l	95
48) Methyl methacrylate	9.688	41	226250	48.852	ug/l	89
49) 1,4-Dioxane	9.706	88	84684	869.975	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1413995	243.311	ug/l	93
52) Toluene	10.635	92	676936	48.618	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	393973	50.392	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	424269	49.092	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	260366	49.432	ug/l	98
56) Ethyl methacrylate	10.876	69	381070	49.687	ug/l	93
57) 1,3-Dichloropropane	11.171	76	442564	49.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	762411	246.082	ug/l	93
59) 2-Hexanone	11.200	43	996265	246.206	ug/l	92
60) Dibromochloromethane	11.365	129	284074	49.287	ug/l	100
61) 1,2-Dibromoethane	11.476	107	266688	48.248	ug/l	99
64) Tetrachloroethene	11.112	164	229462	48.344	ug/l	99
65) Chlorobenzene	11.894	112	712947	46.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	264724	47.238	ug/l	97
67) Ethyl Benzene	11.971	91	1287300	48.965	ug/l	99
68) m/p-Xylenes	12.076	106	989129	98.722	ug/l	98
69) o-Xylene	12.406	106	482403	49.029	ug/l	96
70) Styrene	12.418	104	779864	50.347	ug/l	98
71) Bromoform	12.582	173	177086	48.966	ug/l #	98
73) Isopropylbenzene	12.700	105	1213517	43.744	ug/l	99
74) N-amyl acetate	12.500	43	390532	42.749	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	364034	47.593	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	287135m	41.402	ug/l	
77) Bromobenzene	12.982	156	272067	42.247	ug/l	98
78) n-propylbenzene	13.041	91	1371304	45.497	ug/l	100
79) 2-Chlorotoluene	13.129	91	838780	43.112	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	993202	44.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	101389	44.915	ug/l	91
82) 4-Chlorotoluene	13.223	91	808576	44.530	ug/l	99
83) tert-Butylbenzene	13.441	119	845190	43.290	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	986029	45.282	ug/l	99
85) sec-Butylbenzene	13.623	105	1104117	43.208	ug/l	99
86) p-Isopropyltoluene	13.735	119	928888	44.794	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	474327	43.544	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	458898	43.658	ug/l	99
89) n-Butylbenzene	14.059	91	731067	44.696	ug/l	98
90) Hexachloroethane	14.335	117	162384	44.125	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	465712	43.745	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56629	41.212	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	177821	46.880	ug/l	98
94) Hexachlorobutadiene	15.511	225	88759	47.609	ug/l	96
95) Naphthalene	15.647	128	545666	42.766	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	183379	43.226	ug/l	99

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

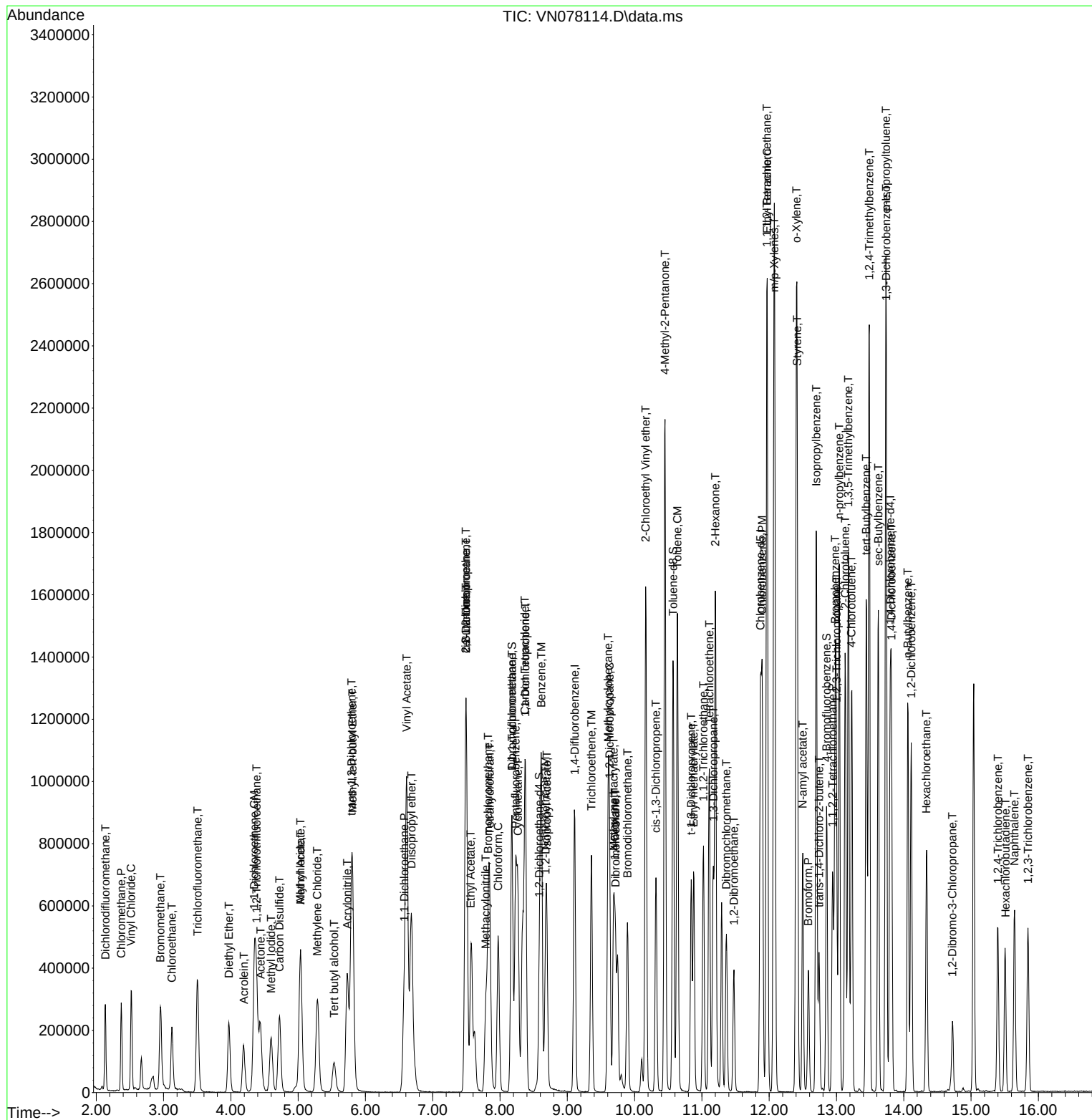
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
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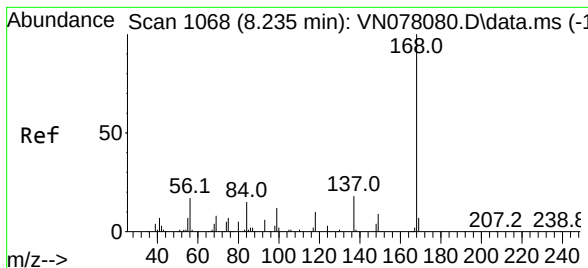
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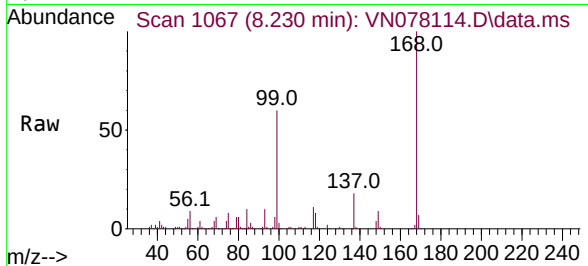
Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078114.D
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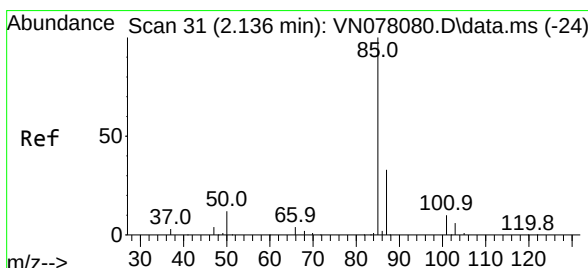
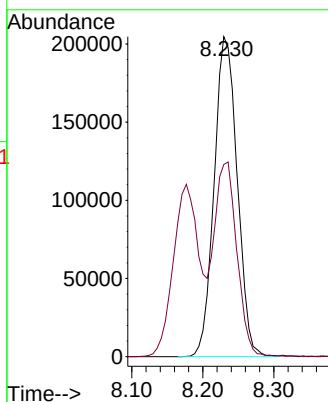
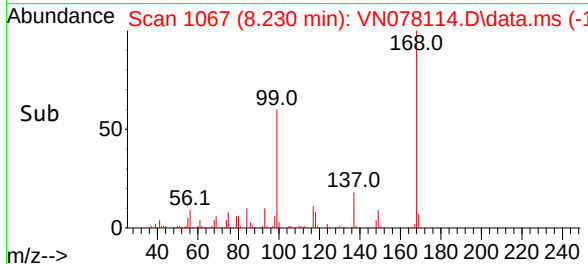
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 46133
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6

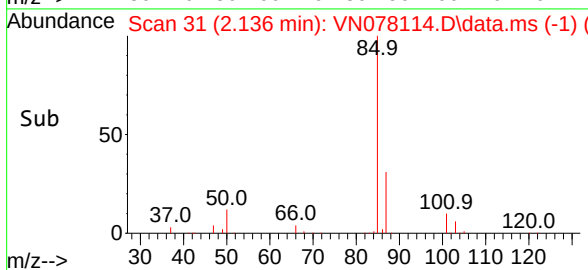
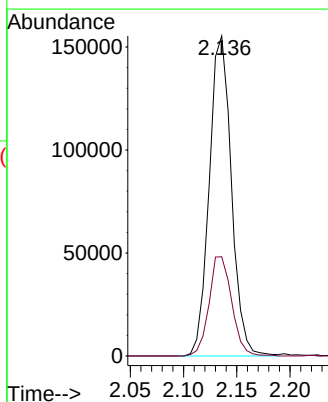
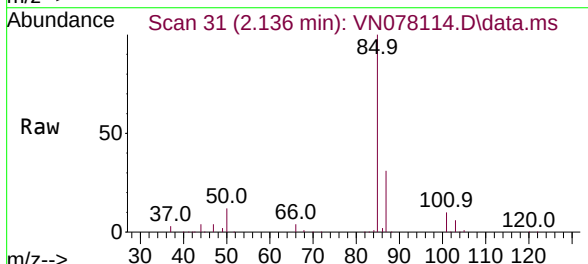
Manual Integrations
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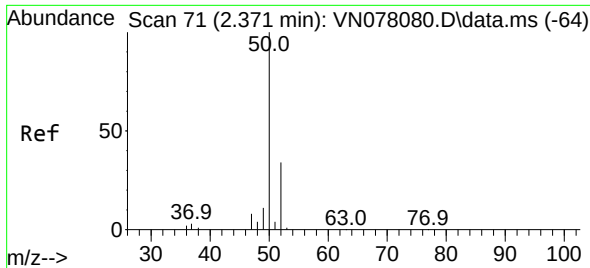
Reviewed By :John Carlone 06/08/2023
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#2
Dichlorodifluoromethane
Concen: 43.002 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

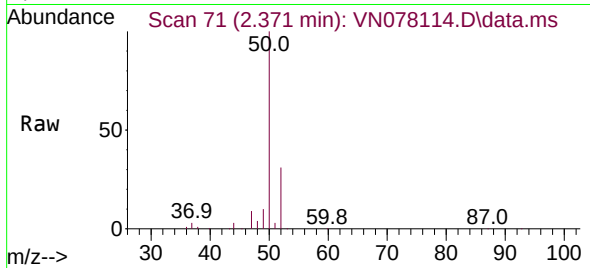
Tgt Ion: 85 Resp: 224251
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 49.163 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

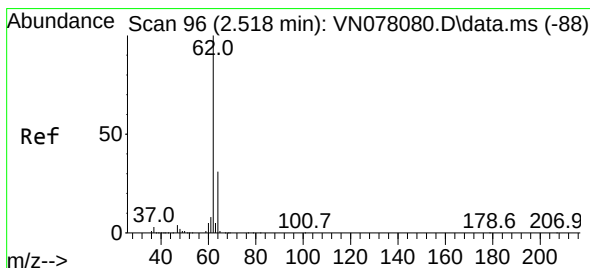
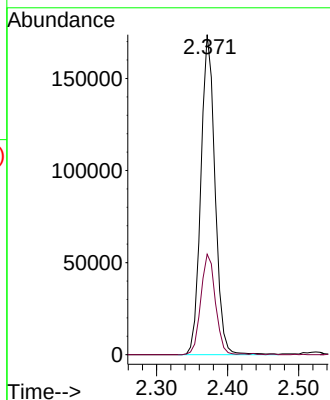
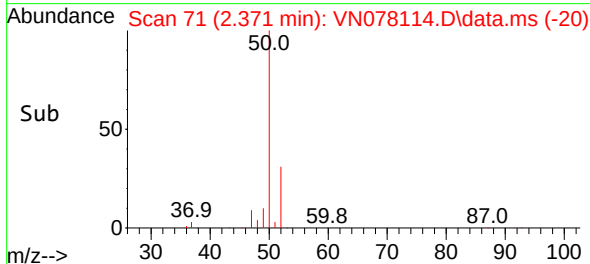
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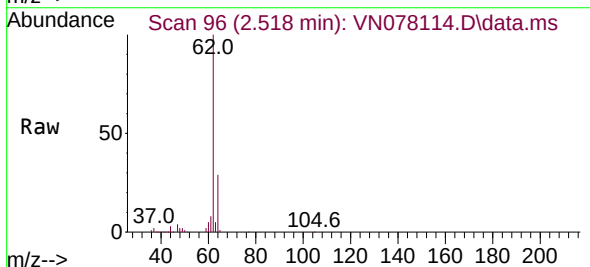
Tgt Ion: 50 Resp: 241344
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

Manual Integrations
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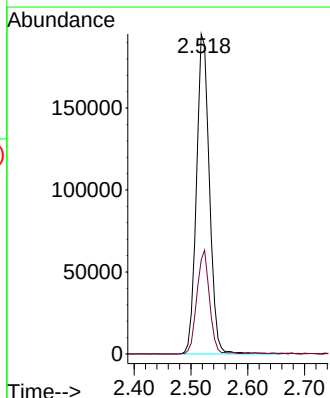
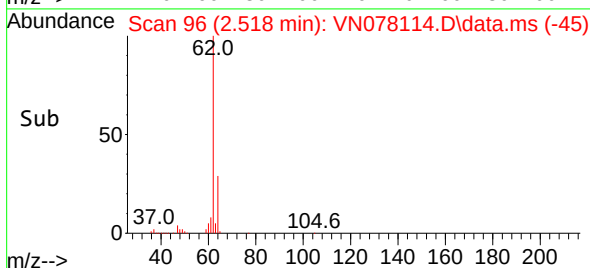
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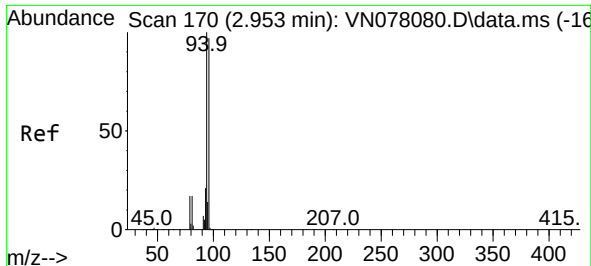


#4
Vinyl Chloride
Concen: 45.371 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



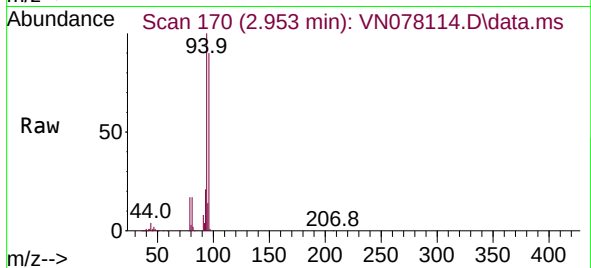
Tgt Ion: 62 Resp: 309821
Ion Ratio Lower Upper
62 100
64 29.4 26.2 39.2





#5
Bromomethane
Concen: 42.484 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078114.D
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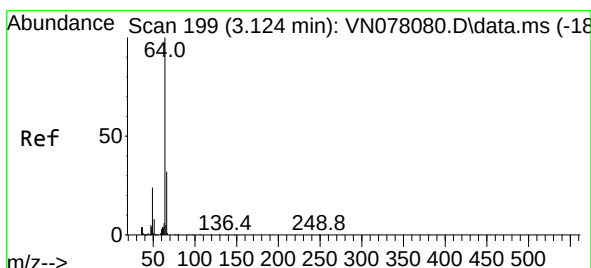
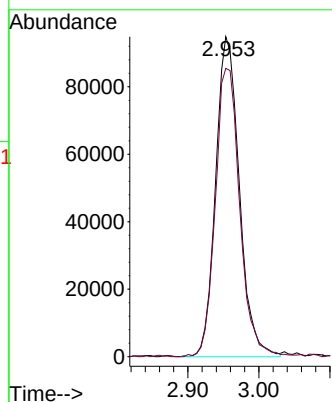
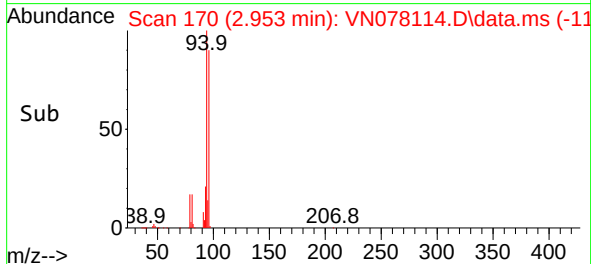
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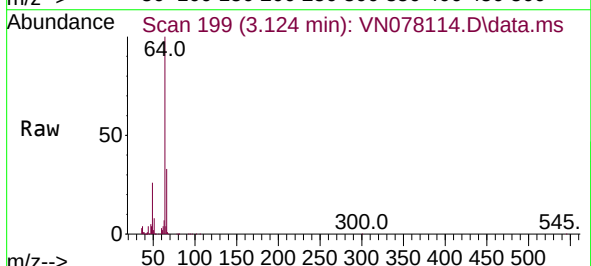
Tgt Ion: 94 Resp: 21924
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

Manual Integrations
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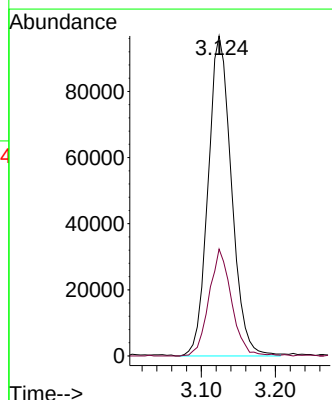
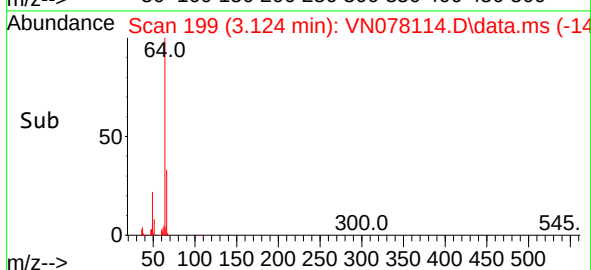
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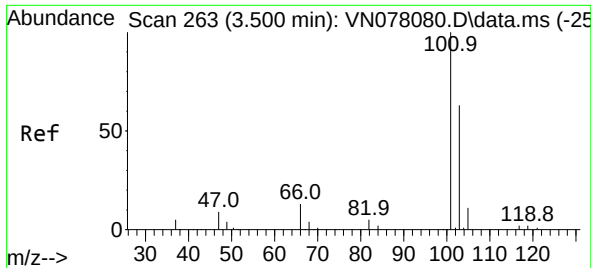


#6
Chloroethane
Concen: 45.611 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



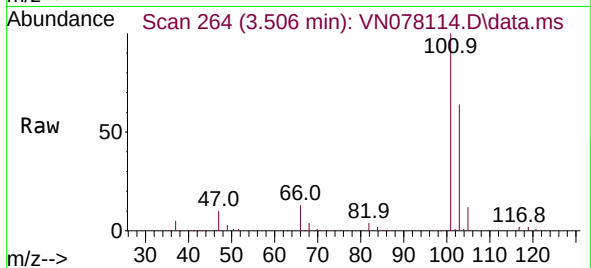
Tgt Ion: 64 Resp: 212322
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 43.701 ug/l
 RT: 3.506 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

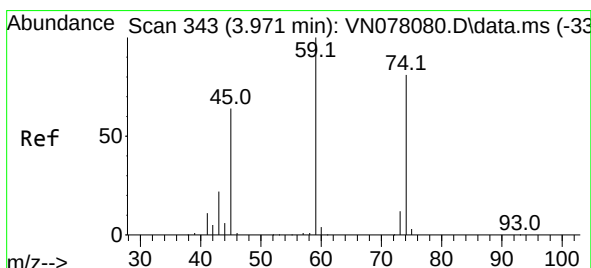
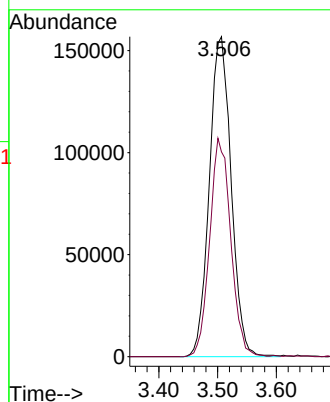
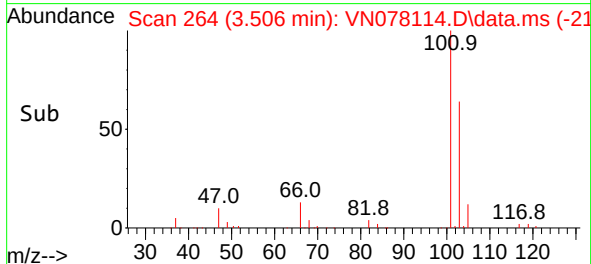
Instrument :
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Tgt Ion:101 Resp: 404674
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.7 76.1

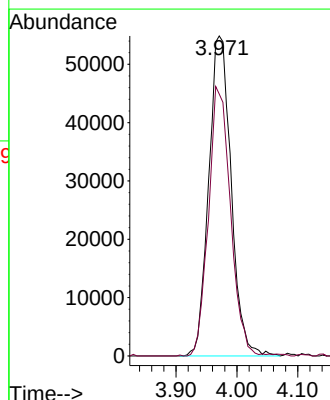
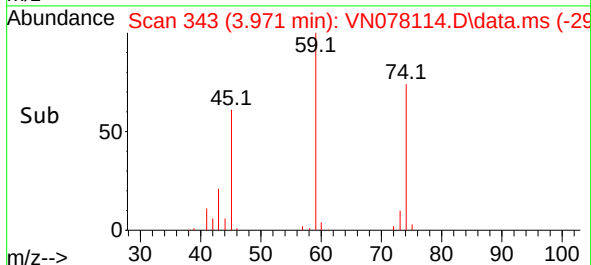
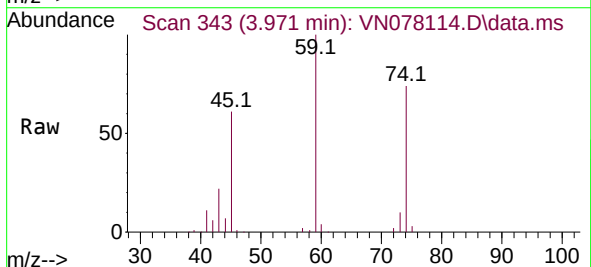
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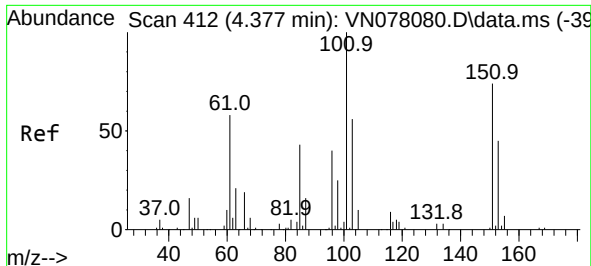
Reviewed By :John Carlone 06/08/2023
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#8
 Diethyl Ether
 Concen: 43.149 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

Tgt Ion: 74 Resp: 140395
 Ion Ratio Lower Upper
 74 100
 45 82.8 34.4 103.3





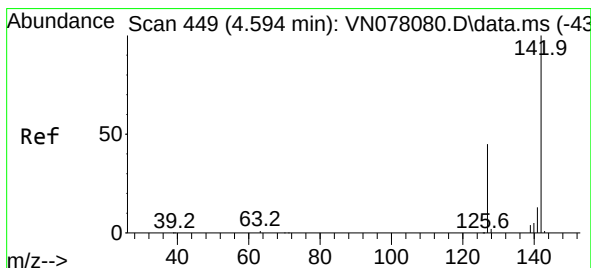
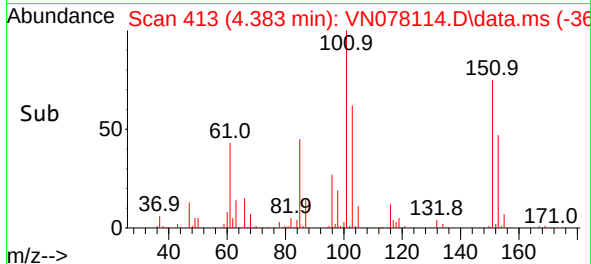
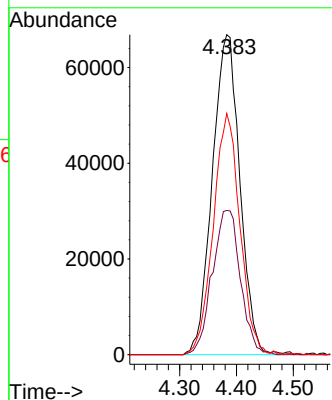
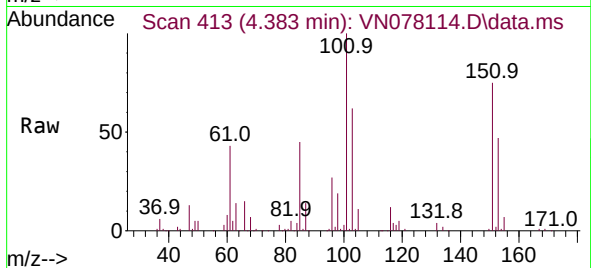
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.088 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 225230
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 72.7 57.6 86.4

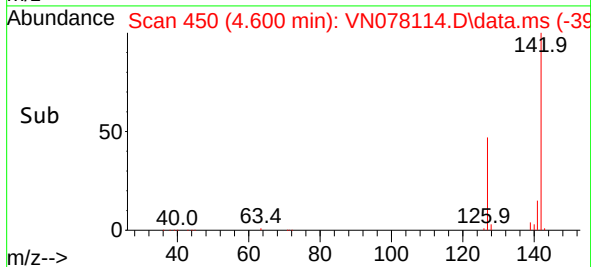
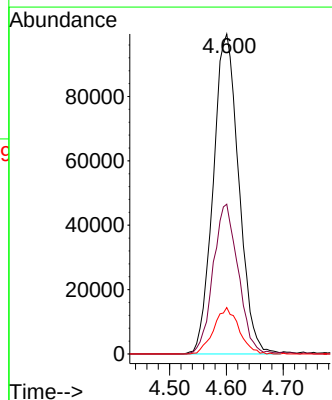
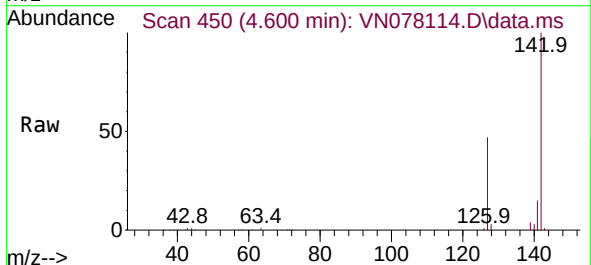
Manual Integrations
APPROVED

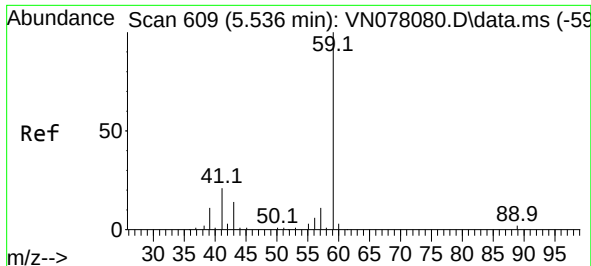
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#10
Methyl Iodide
Concen: 44.999 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

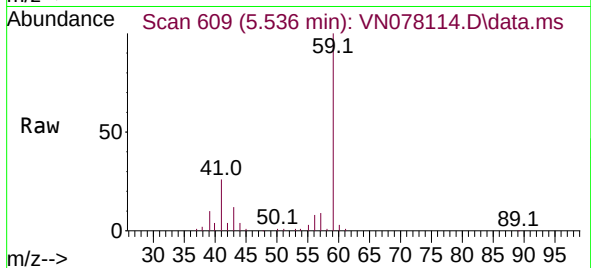
Tgt Ion:142 Resp: 311000
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 204.761 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

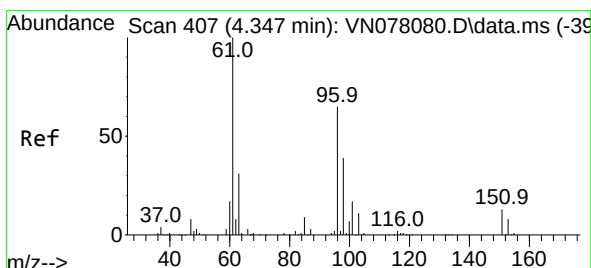
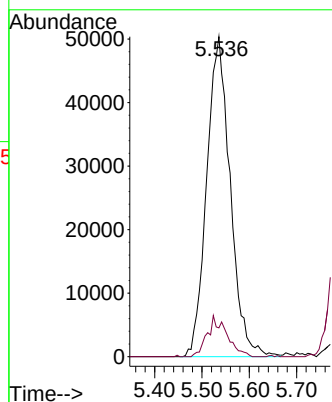
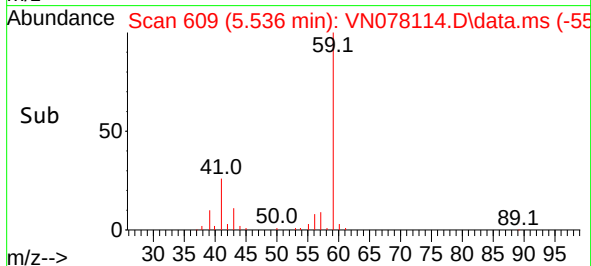
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 173908
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

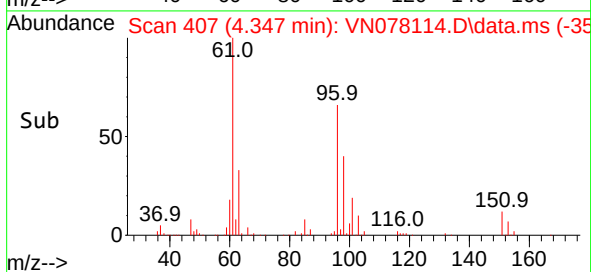
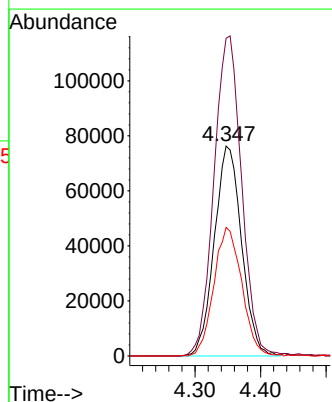
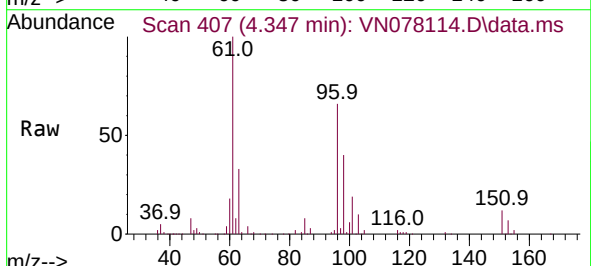
Manual Integrations
APPROVED

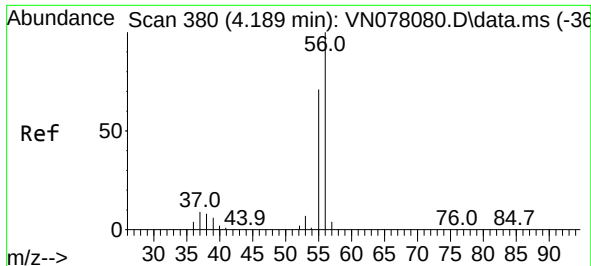
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#12
1,1-Dichloroethene
Concen: 43.656 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

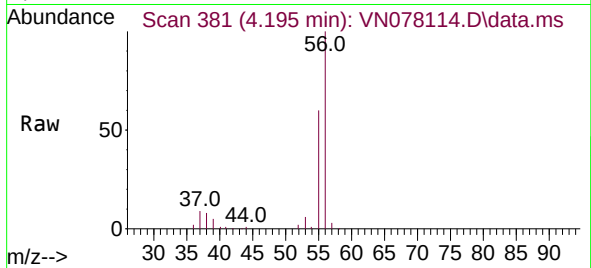
Tgt Ion: 96 Resp: 219928
Ion Ratio Lower Upper
96 100
61 151.4 112.7 169.1
98 61.2 51.2 76.8





#13
Acrolein
Concen: 206.974 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

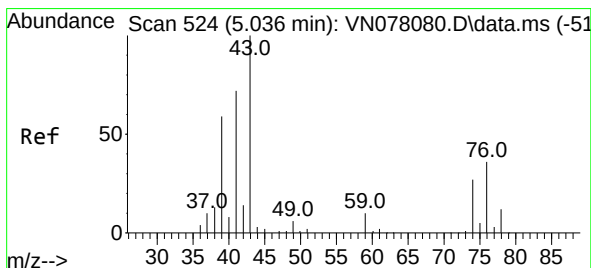
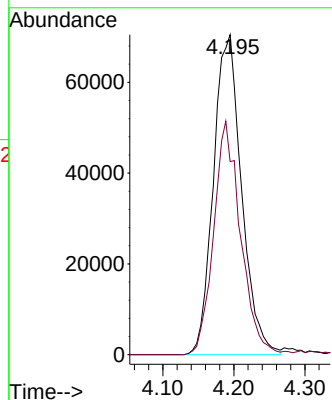
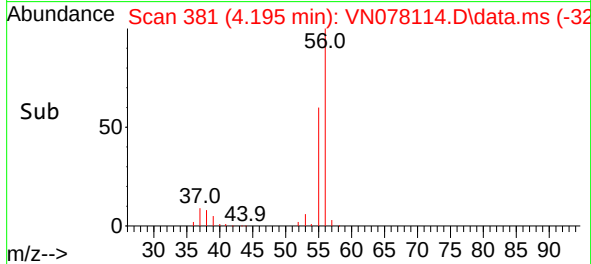
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19374
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

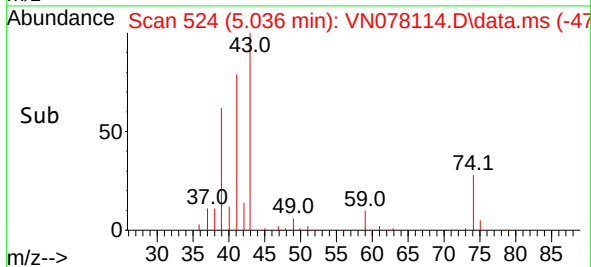
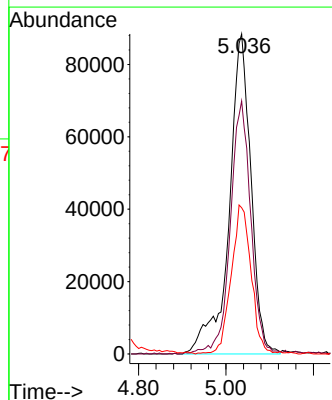
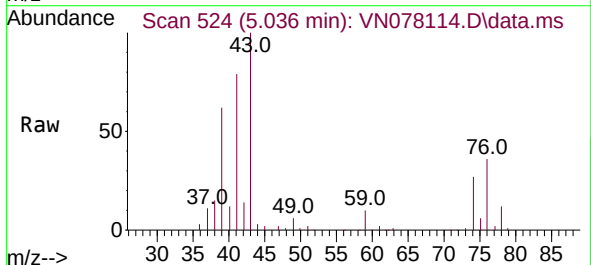
Manual Integrations
APPROVED

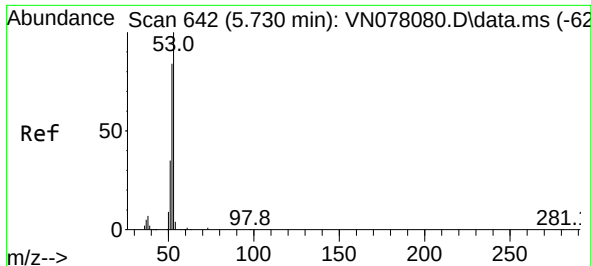
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#14
Allyl chloride
Concen: 50.100 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

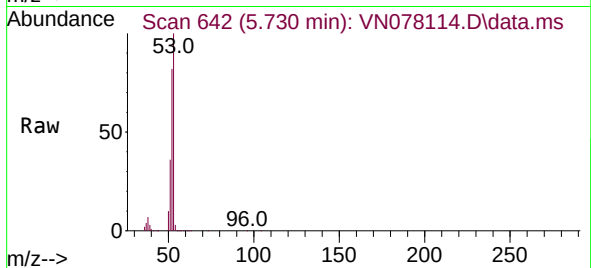
Tgt Ion: 41 Resp: 308096
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 42.2 39.1 58.7





#15
Acrylonitrile
Concen: 229.074 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

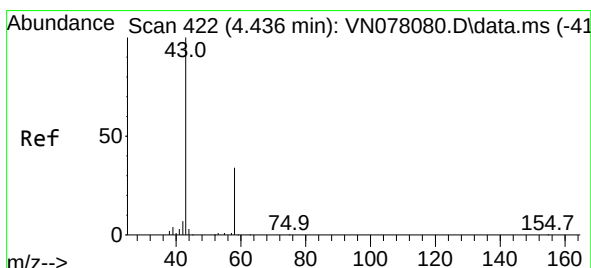
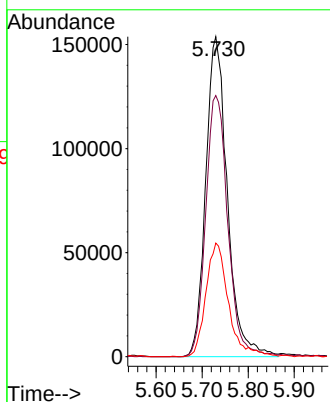
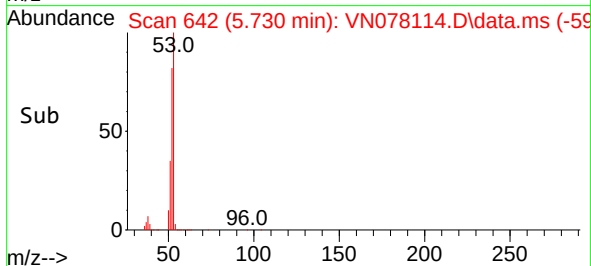
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 501598
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.0 28.9 43.3

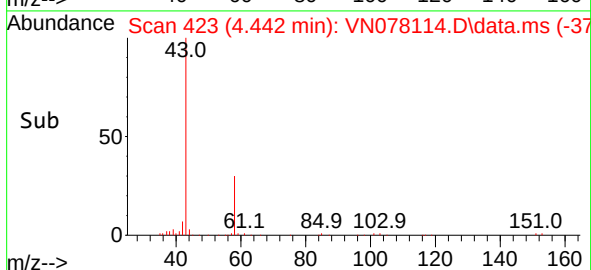
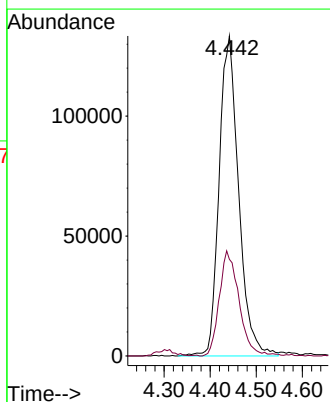
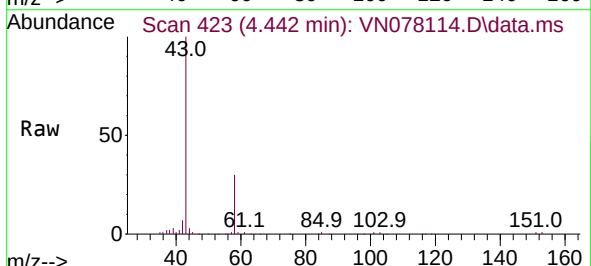
Manual Integrations
APPROVED

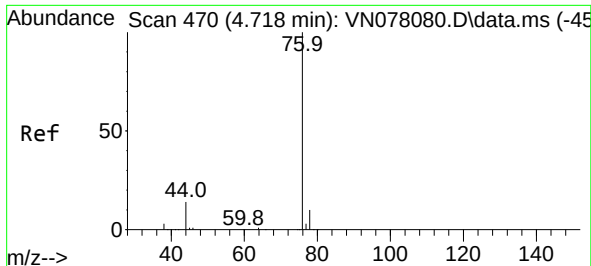
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#16
Acetone
Concen: 221.513 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 43 Resp: 392184
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0





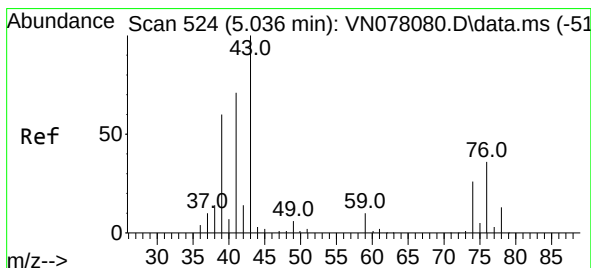
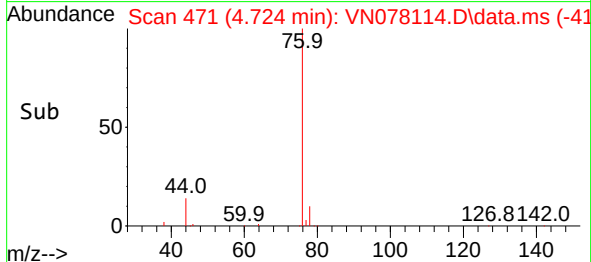
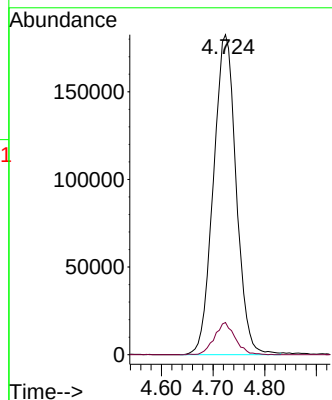
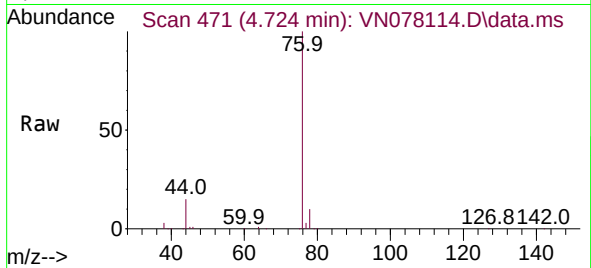
#17
Carbon Disulfide
Concen: 43.092 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 55876
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

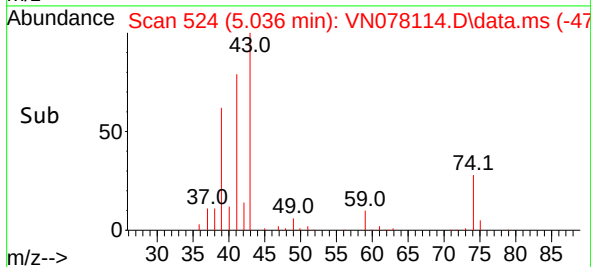
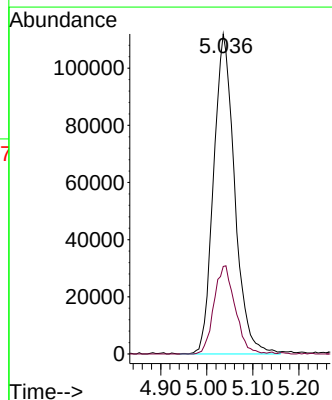
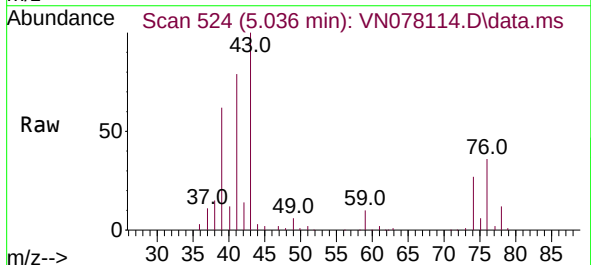
Manual Integrations
APPROVED

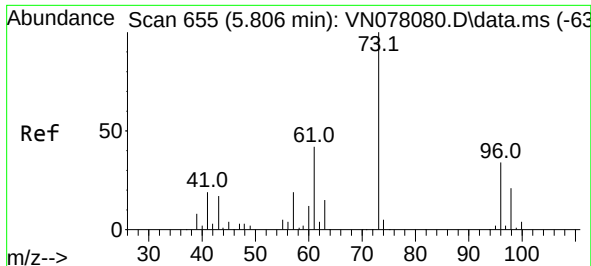
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#18
Methyl Acetate
Concen: 43.620 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

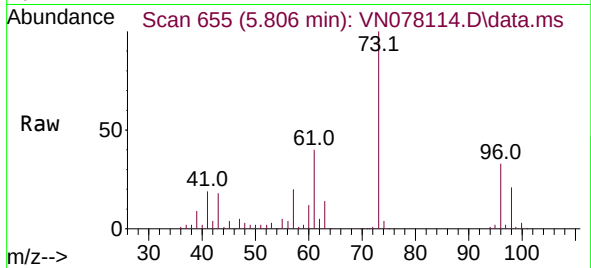
Tgt Ion: 43 Resp: 35555
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 46.293 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

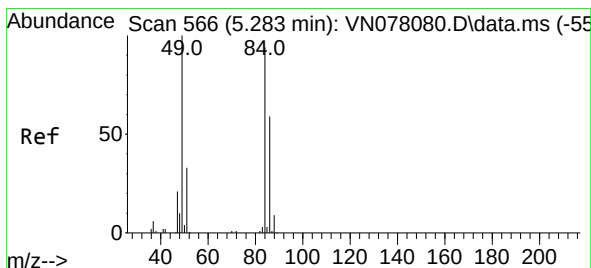
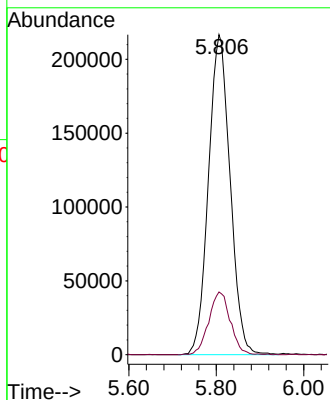
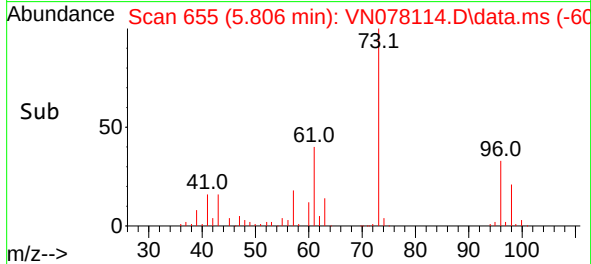
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 744088
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

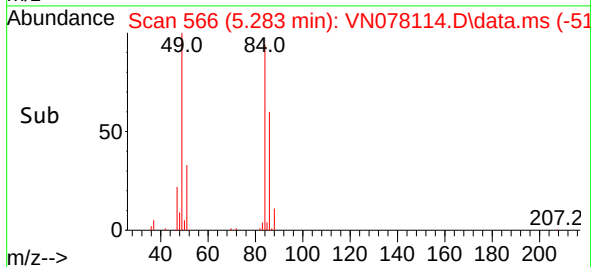
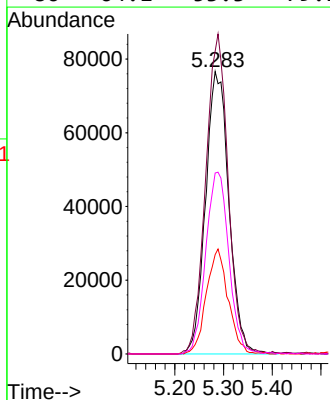
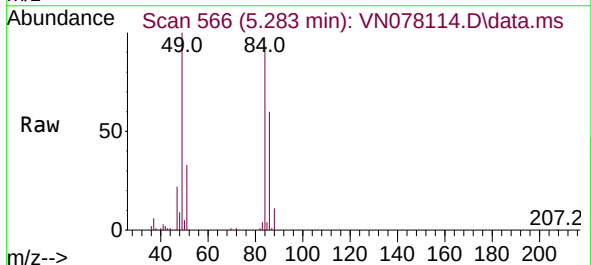
Manual Integrations
APPROVED

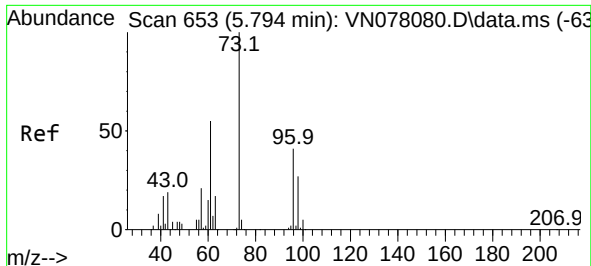
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#20
Methylene Chloride
Concen: 43.598 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

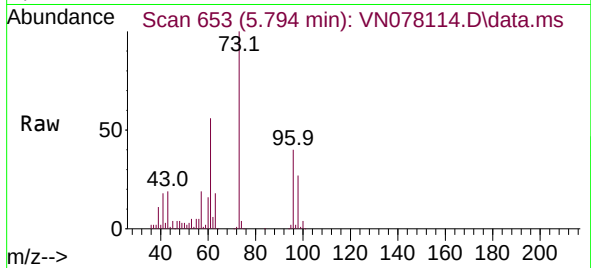
Tgt Ion: 84 Resp: 255074
Ion Ratio Lower Upper
84 100
49 107.2 79.7 119.5
51 35.2 25.2 37.8
86 64.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.381 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

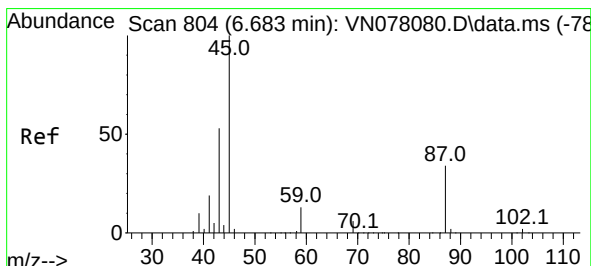
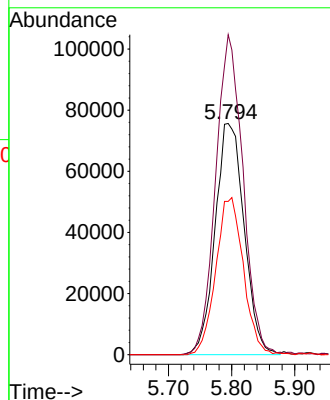
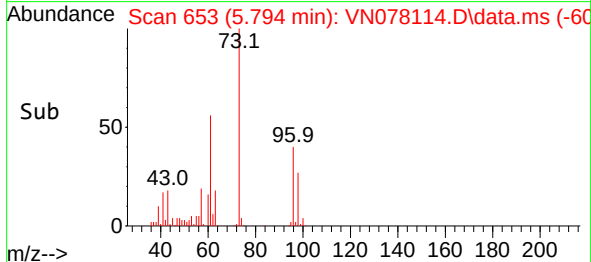
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 241148
Ion Ratio Lower Upper
96 100
61 138.4 90.1 135.1
98 66.3 46.4 69.6

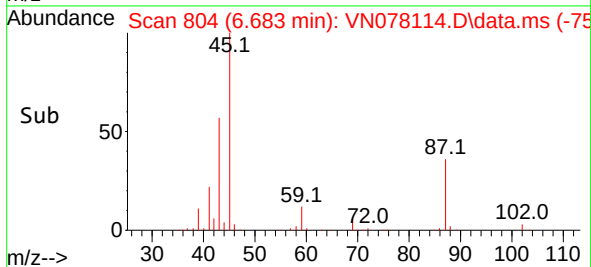
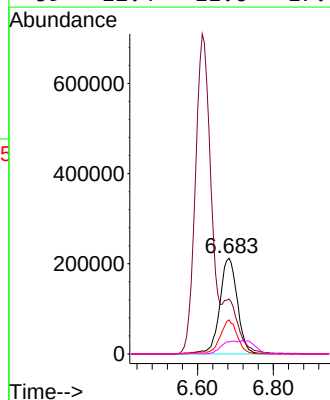
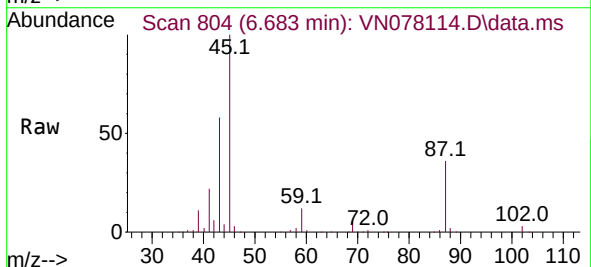
Manual Integrations
APPROVED

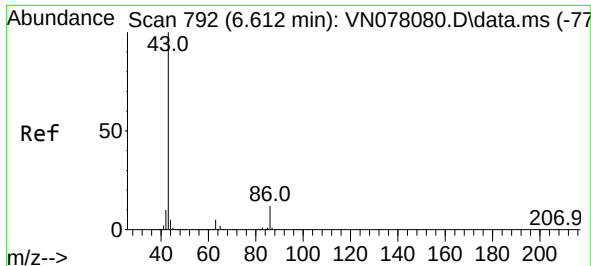
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#22
Diisopropyl ether
Concen: 47.548 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 45 Resp: 687789
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 35.7 31.8 47.8
59 12.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 239.501 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

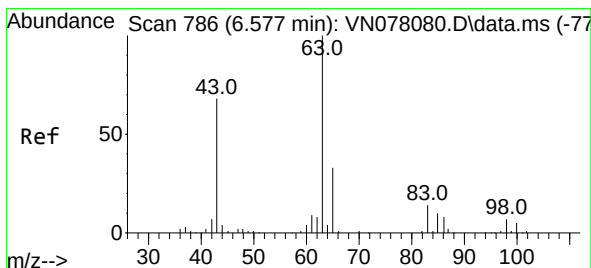
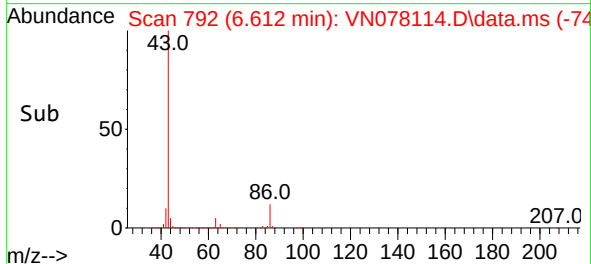
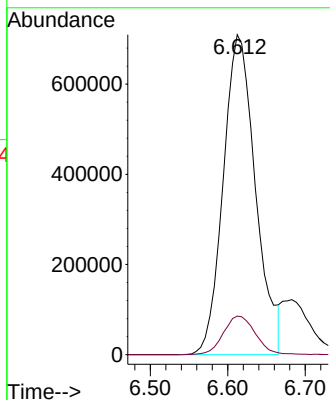
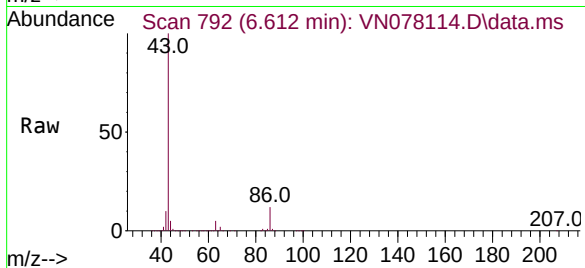
VSTDCCC050EC

Tgt Ion: 43 Resp: 2059414
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations

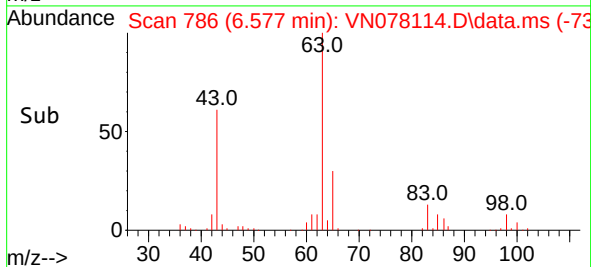
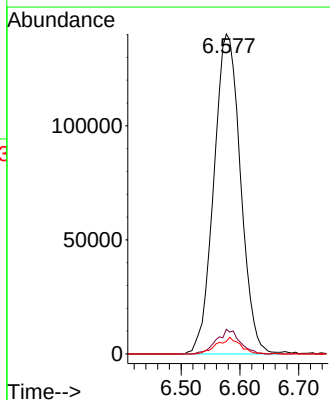
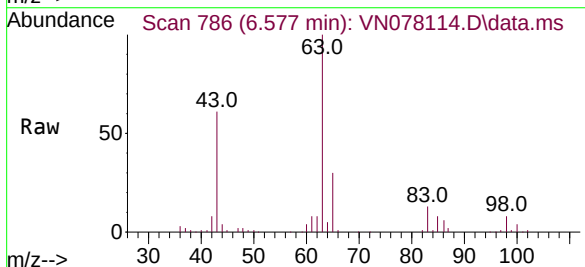
APPROVED

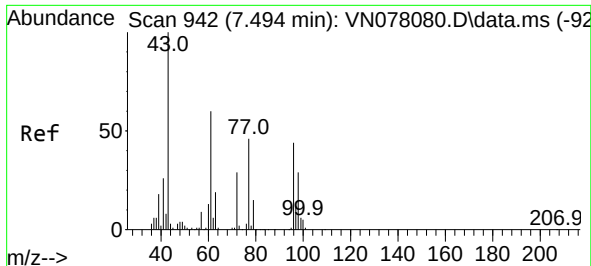
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#24
 1,1-Dichloroethane
 Concen: 46.336 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

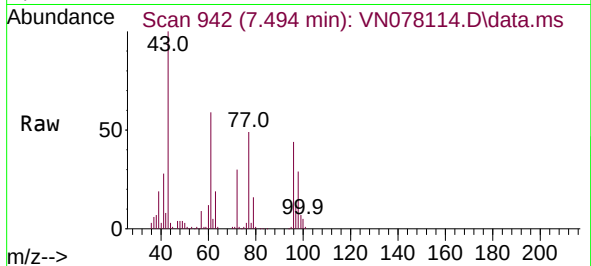
Tgt Ion: 63 Resp: 442157
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 231.798 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

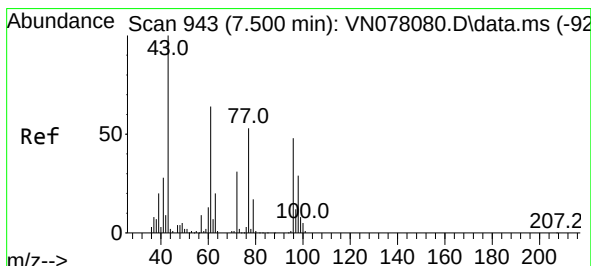
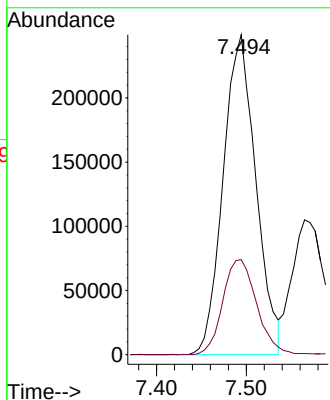
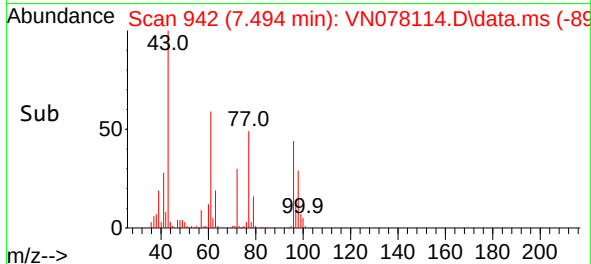
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 631090
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2

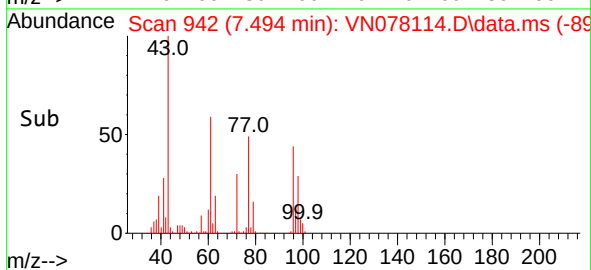
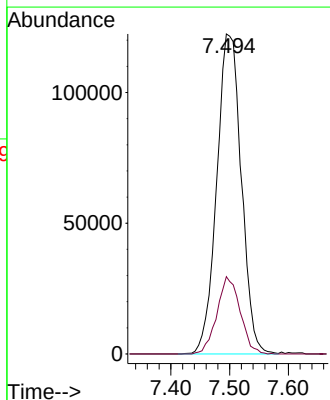
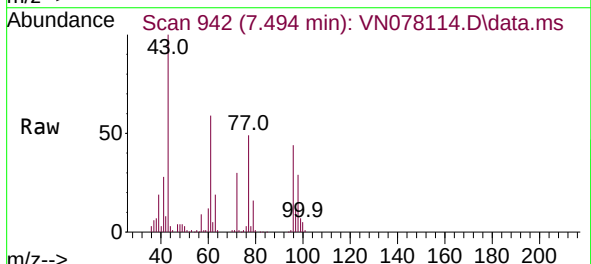
Manual Integrations
APPROVED

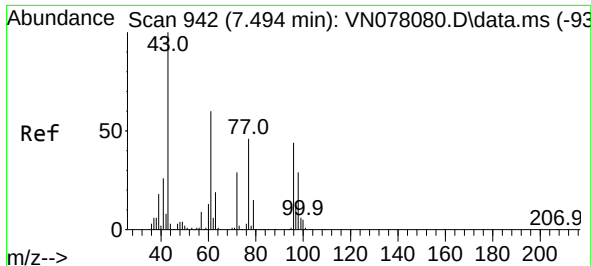
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#26
2,2-Dichloropropane
Concen: 50.427 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

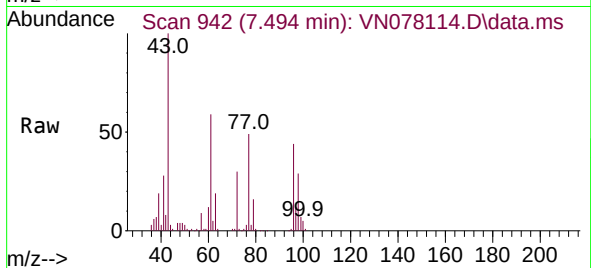
Tgt Ion: 77 Resp: 355300
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.249 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

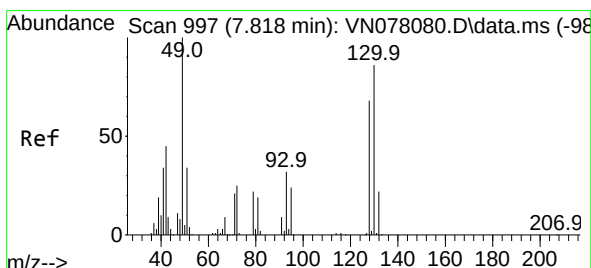
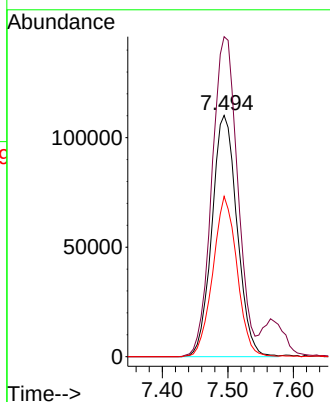
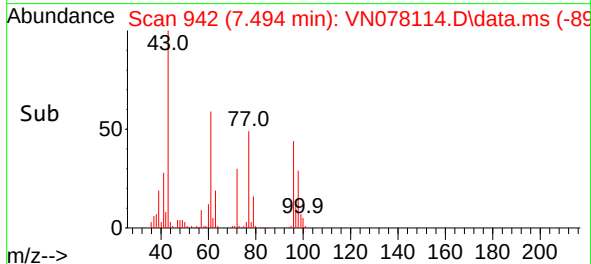
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 293260
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 255.2
 98 63.8 0.0 128.8

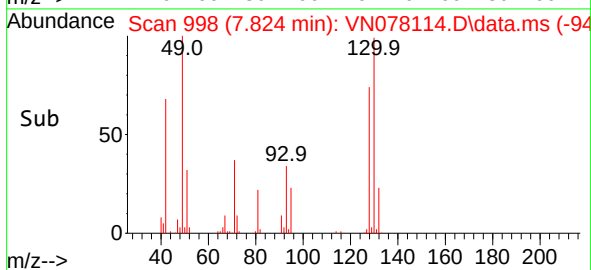
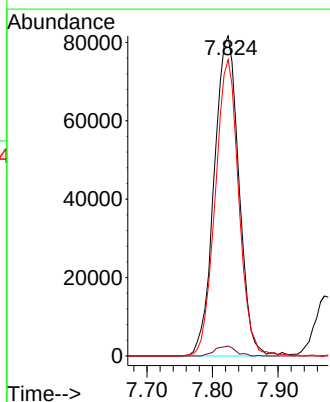
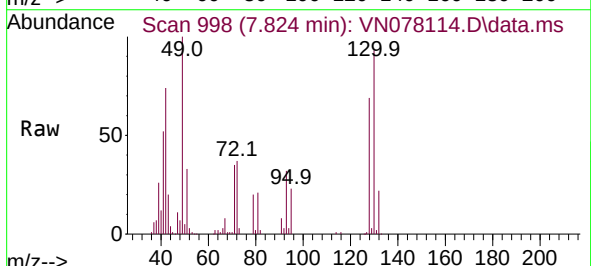
Manual Integrations
 APPROVED

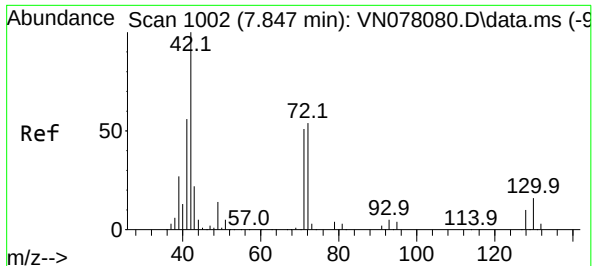
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#28
 Bromochloromethane
 Concen: 48.653 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

Tgt Ion: 49 Resp: 213164
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 88.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 233.282 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078114.D

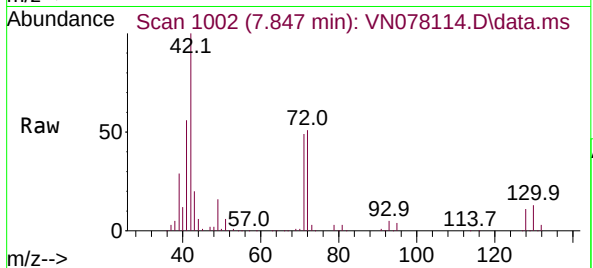
Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 424592

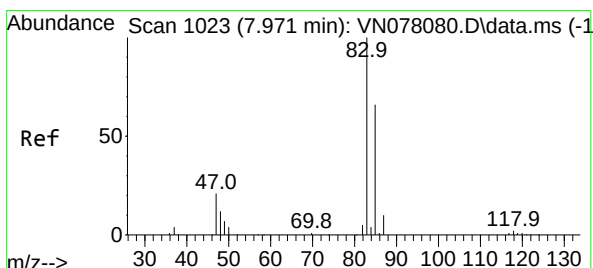
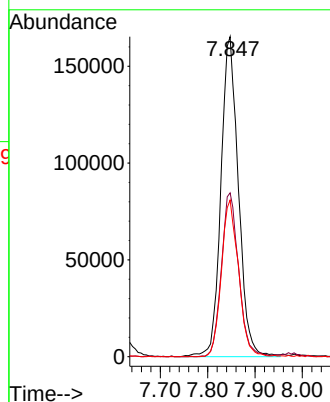
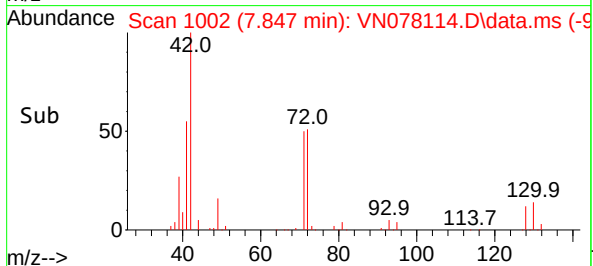
Ion	Ratio	Lower	Upper
42	100		
72	50.5	49.8	74.6
71	47.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#30

Chloroform

Concen: 47.422 ug/l

RT: 7.971 min Scan# 1023

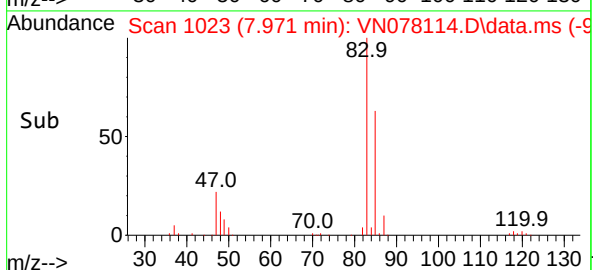
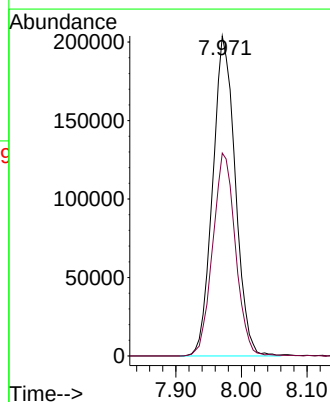
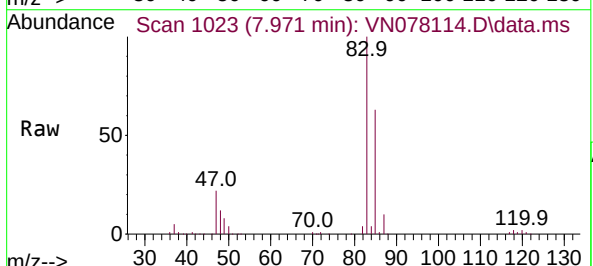
Delta R.T. 0.000 min

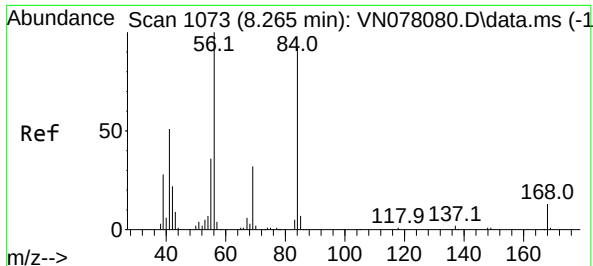
Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Tgt Ion: 83 Resp: 487283

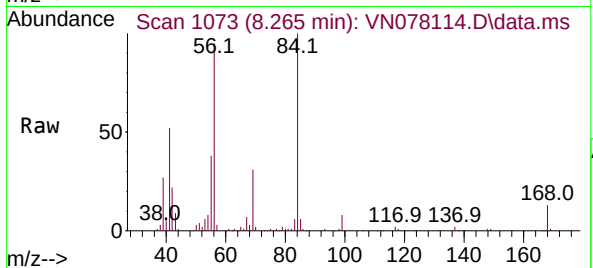
Ion	Ratio	Lower	Upper
83	100		
85	63.4	55.4	83.0





#31
Cyclohexane
Concen: 46.218 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

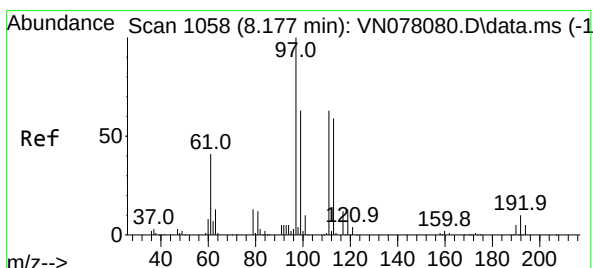
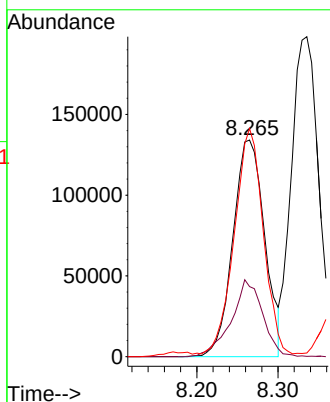
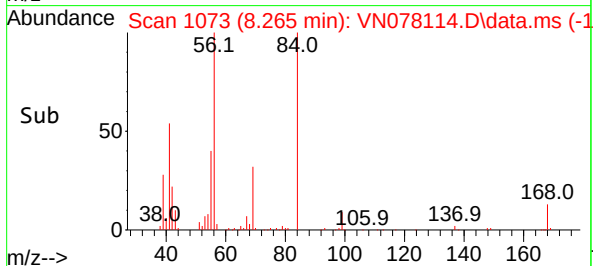
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 364674
Ion Ratio Lower Upper
56 100
69 32.4 26.8 40.2
84 103.5 81.8 122.6

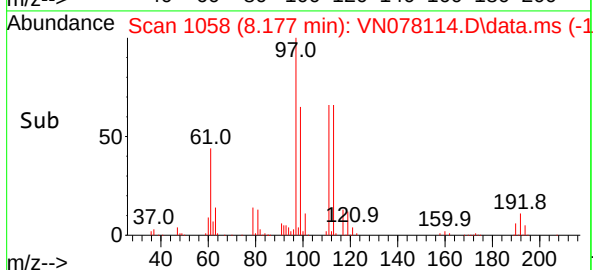
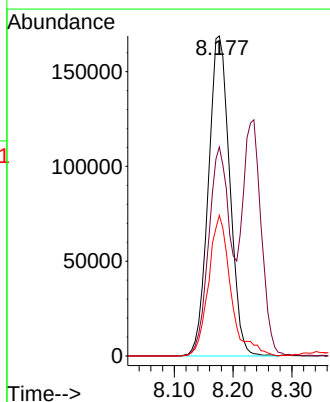
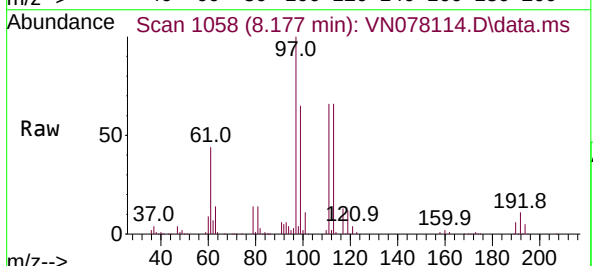
Manual Integrations
APPROVED

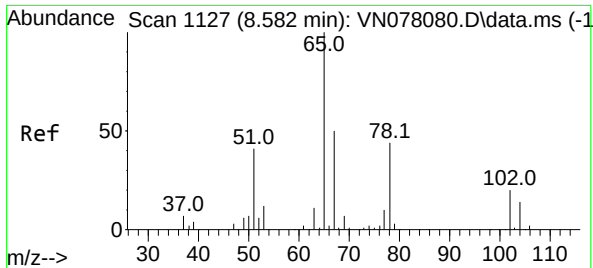
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#32
1,1,1-Trichloroethane
Concen: 47.269 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 97 Resp: 426421
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 45.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.528 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 304648

Ion Ratio Lower Upper

65 100

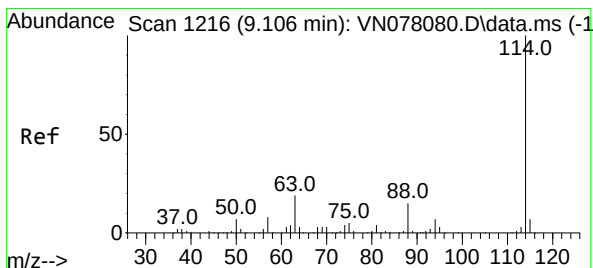
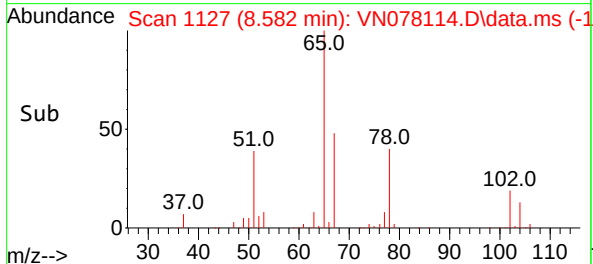
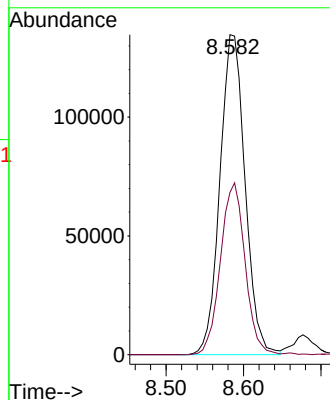
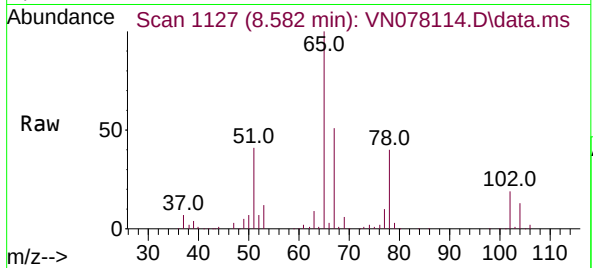
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

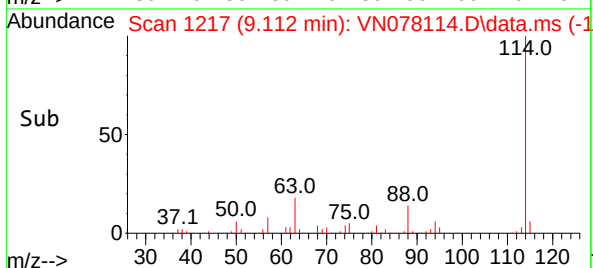
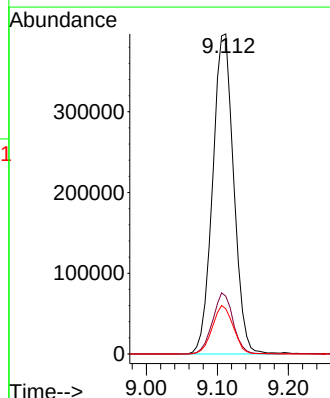
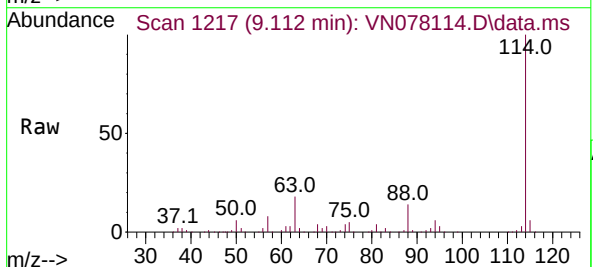
Tgt Ion:114 Resp: 814482

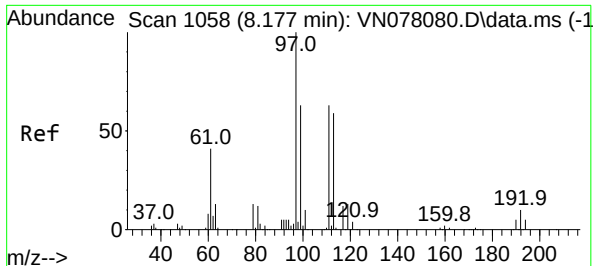
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

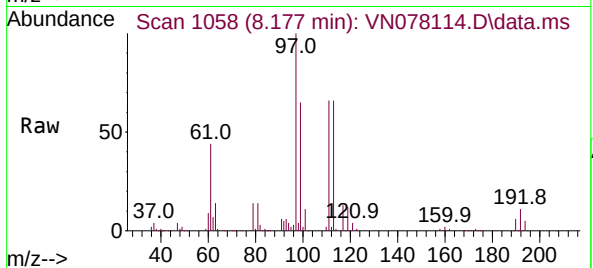
88 14.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.031 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

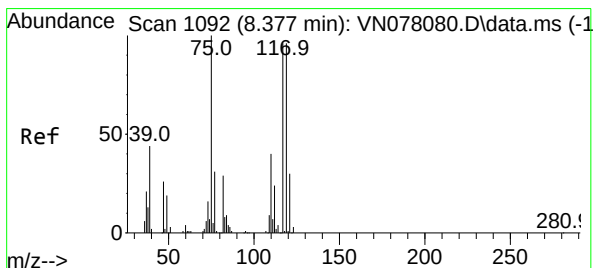
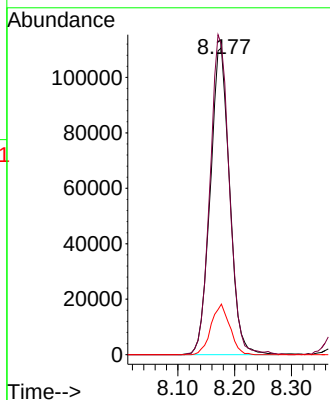
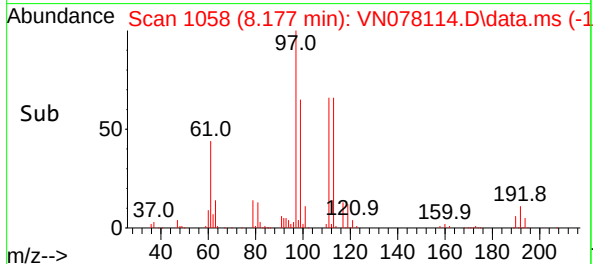
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



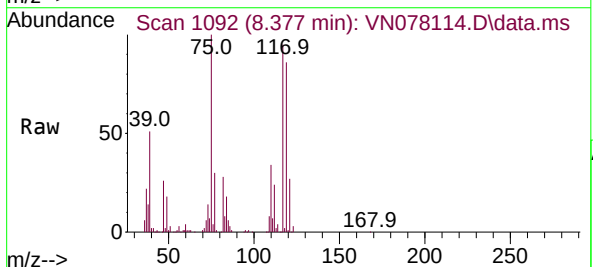
Tgt Ion: 113 Resp: 26280
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 15.9 12.7 19.1

Manual Integrations
APPROVED

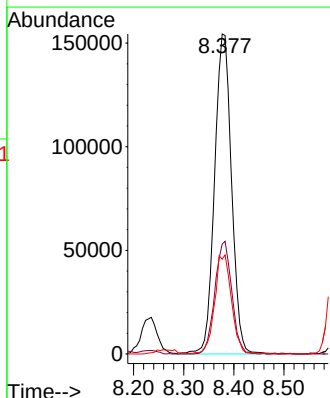
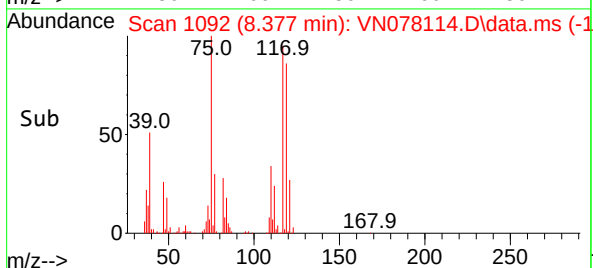
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

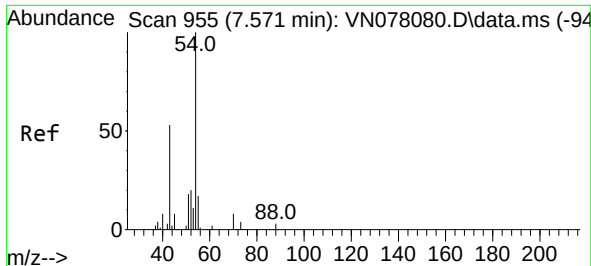


#36
1,1-Dichloropropene
Concen: 49.161 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



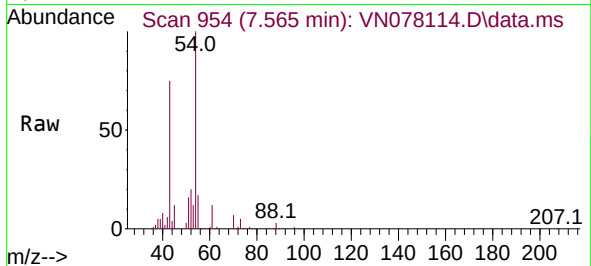
Tgt Ion: 75 Resp: 363147
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 47.621 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

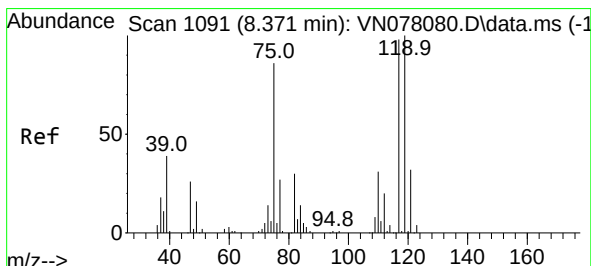
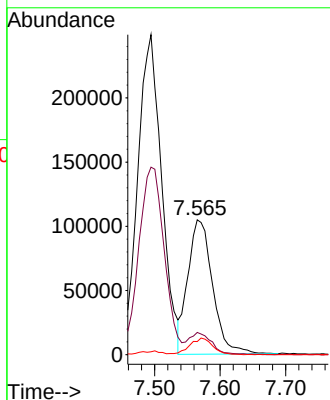
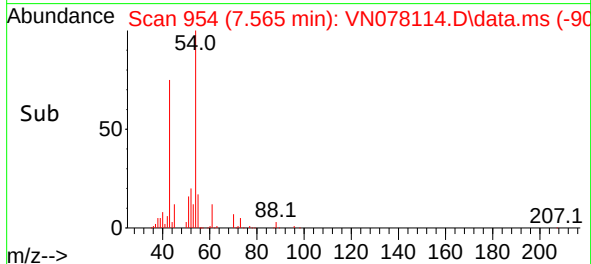
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 274800
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 11.4 11.3 16.9

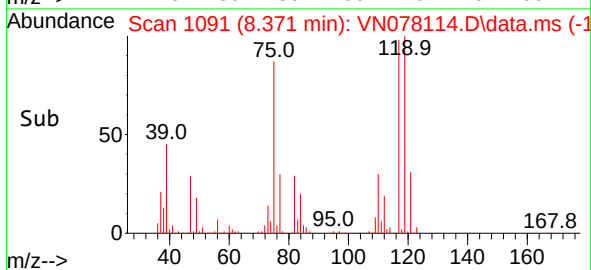
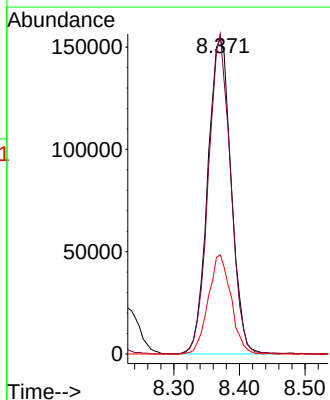
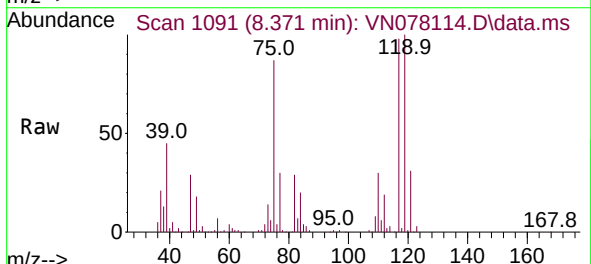
Manual Integrations
APPROVED

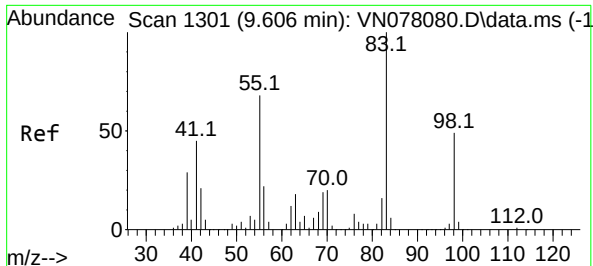
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#38
Carbon Tetrachloride
Concen: 48.994 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion:117 Resp: 382148
Ion Ratio Lower Upper
117 100
119 101.6 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 48.915 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 374456

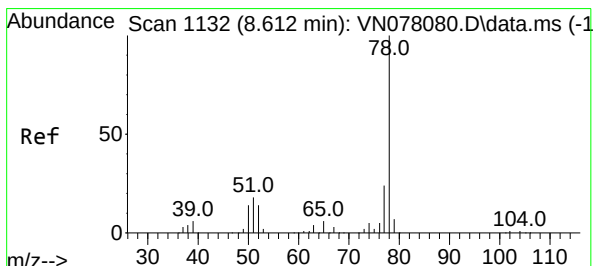
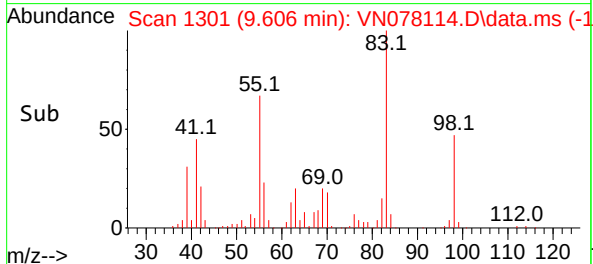
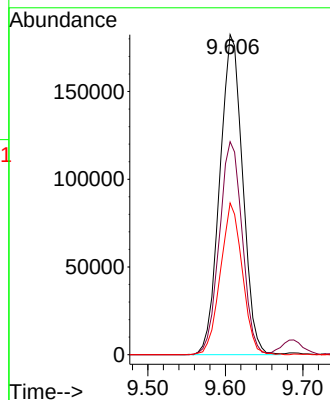
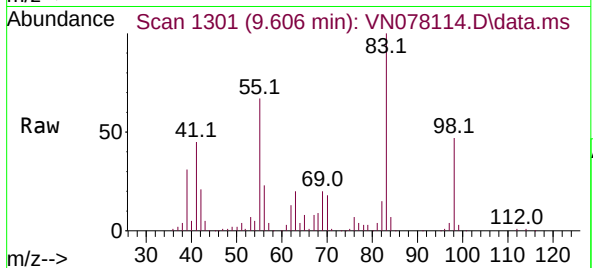
Ion	Ratio	Lower	Upper
83	100		
55	66.6	49.1	73.7
98	47.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#40

Benzene

Concen: 48.143 ug/l

RT: 8.612 min Scan# 1132

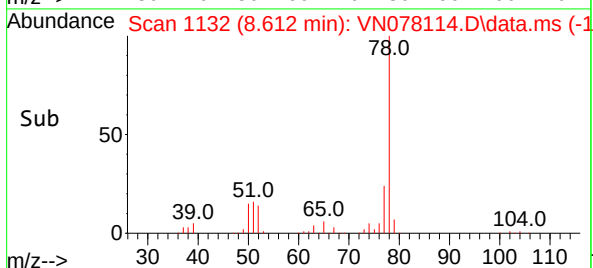
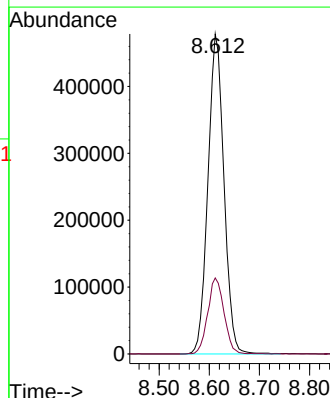
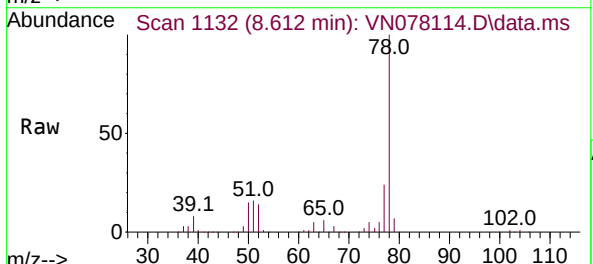
Delta R.T. 0.000 min

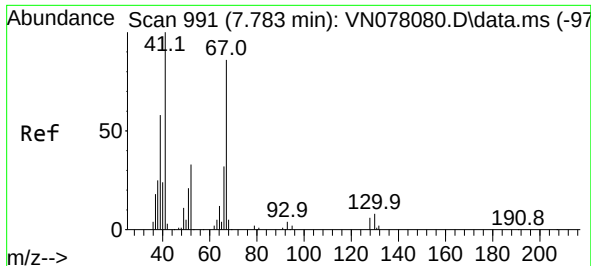
Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Tgt Ion: 78 Resp: 1061693

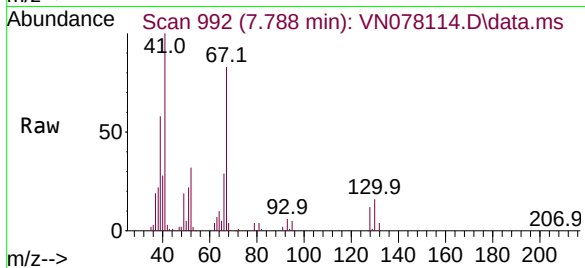
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 45.158 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

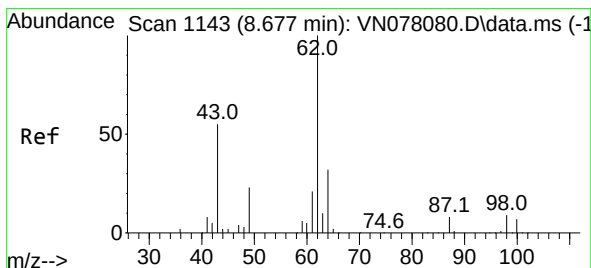
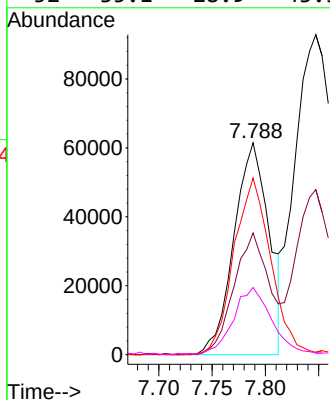
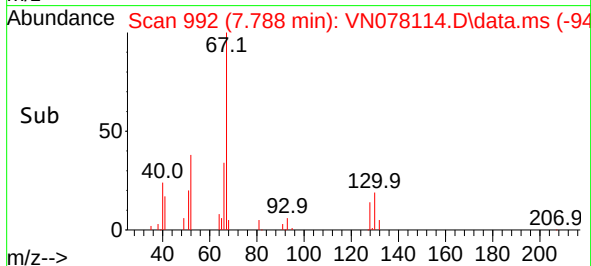
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 141249
Ion Ratio Lower Upper
41 100
39 57.0 42.6 64.0
67 88.6 77.5 116.3
52 35.1 28.9 43.3

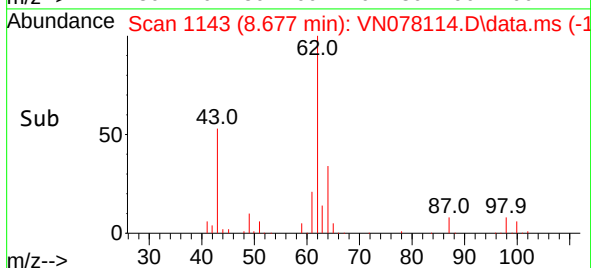
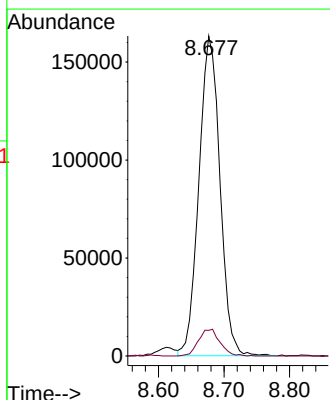
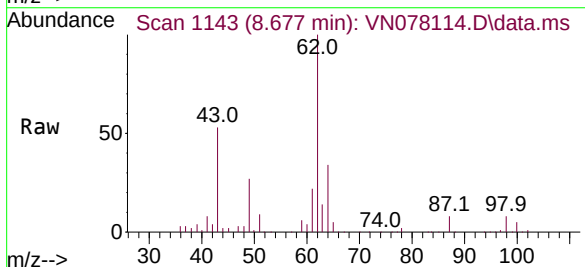
Manual Integrations
APPROVED

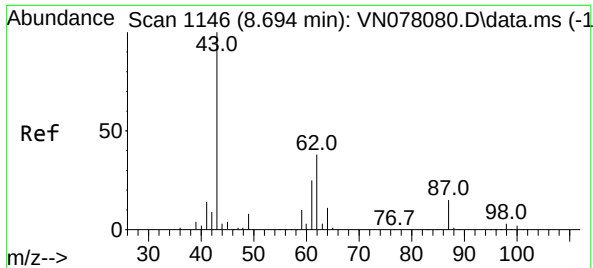
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#42
1,2-Dichloroethane
Concen: 48.190 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

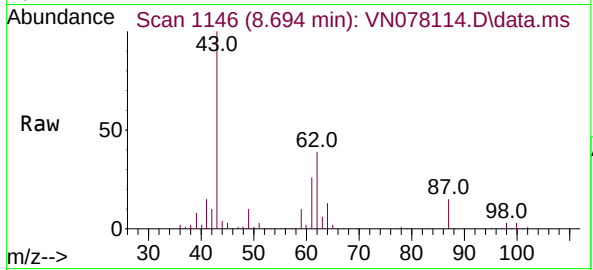
Tgt Ion: 62 Resp: 364380
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 43.150 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

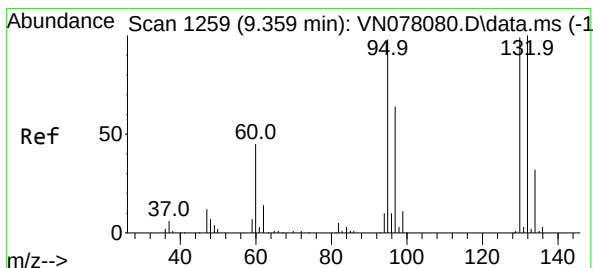
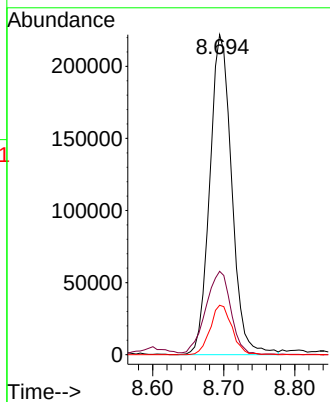
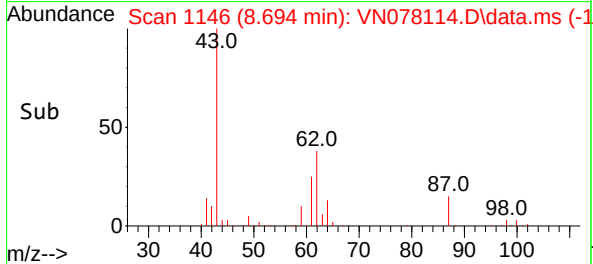
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



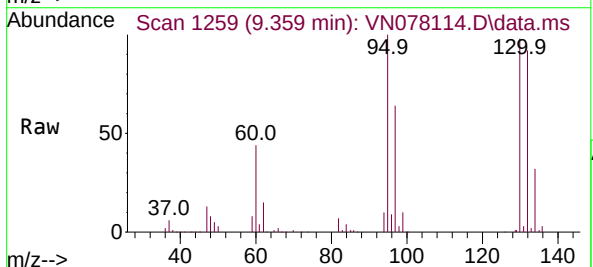
Tgt Ion: 43 Resp: 476210
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 15.3 14.6 21.8

Manual Integrations
APPROVED

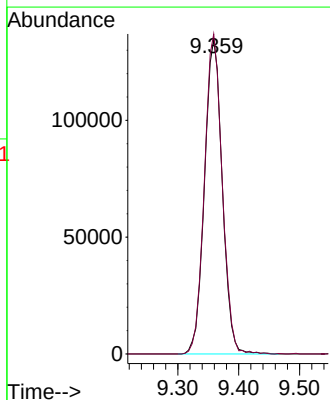
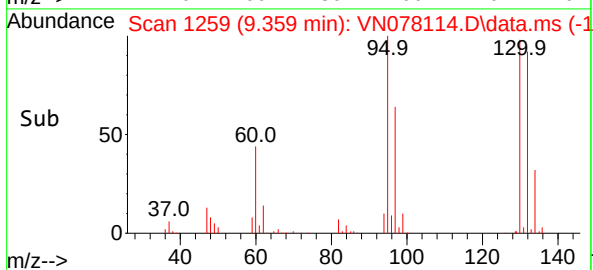
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

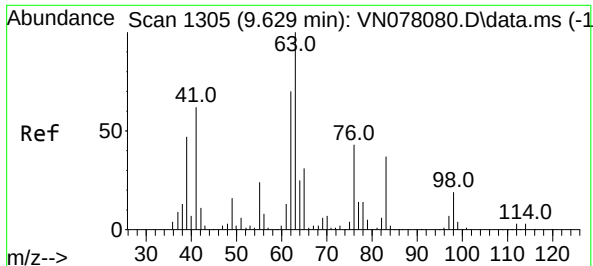


#44
Trichloroethene
Concen: 46.809 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



Tgt Ion:130 Resp: 272611
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.527 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 27174

Ion Ratio Lower Upper

63 100

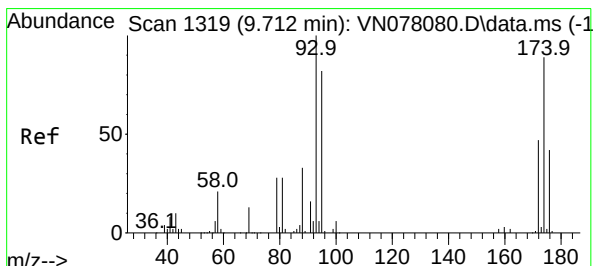
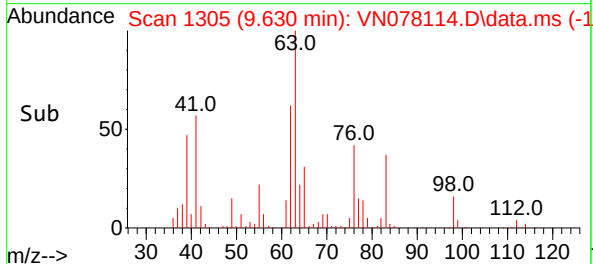
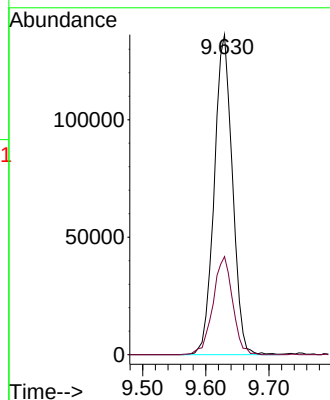
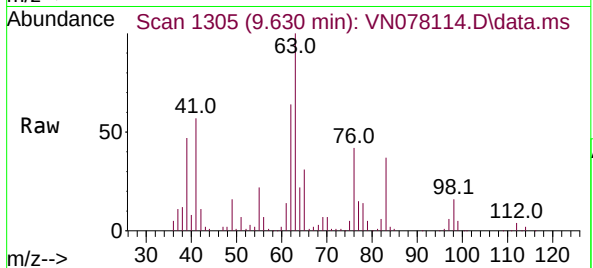
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#46

Dibromomethane

Concen: 46.603 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

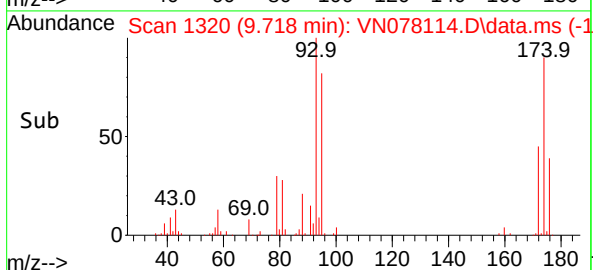
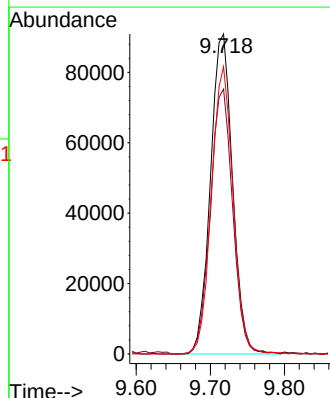
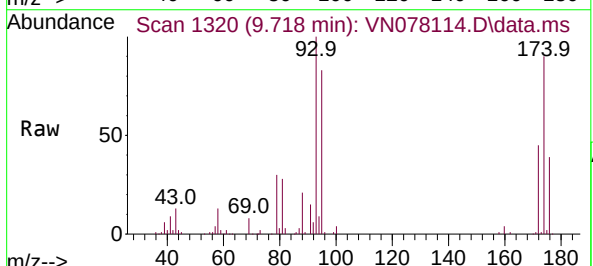
Tgt Ion: 93 Resp: 188339

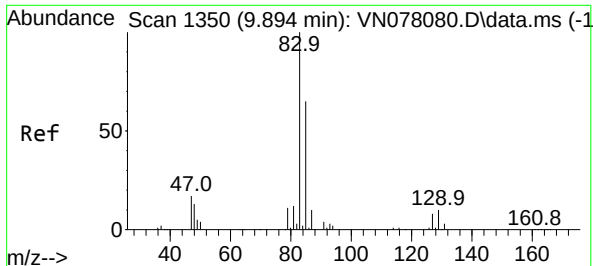
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

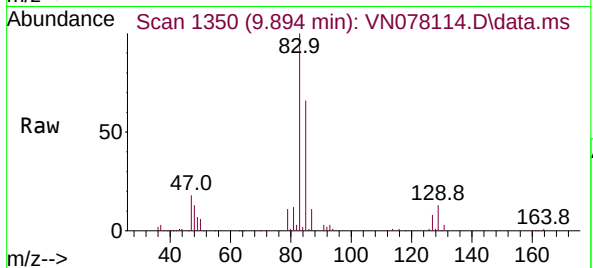
174 88.3 65.6 98.4





#47
Bromodichloromethane
Concen: 49.493 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

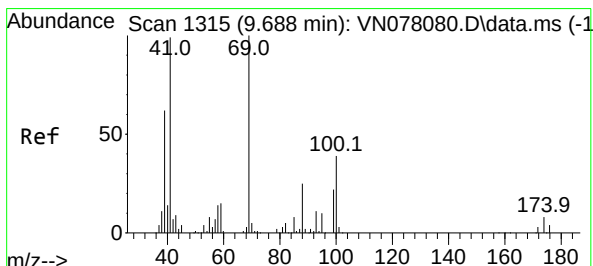
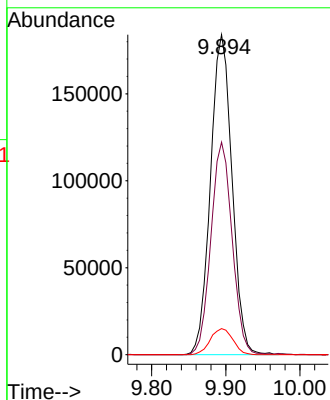
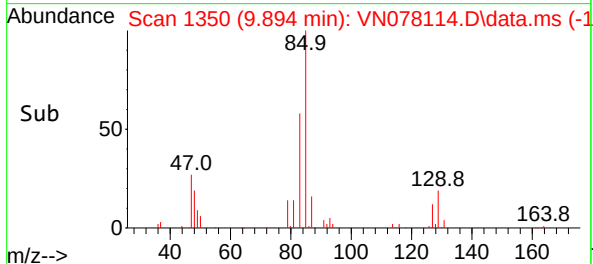
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 37154
Ion Ratio Lower Upper
83 100
85 66.4 49.6 74.4
127 8.1 7.0 10.6

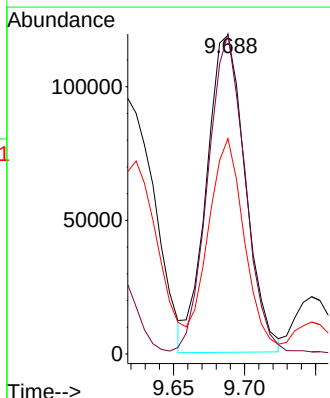
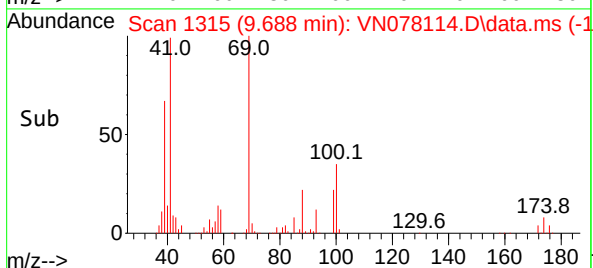
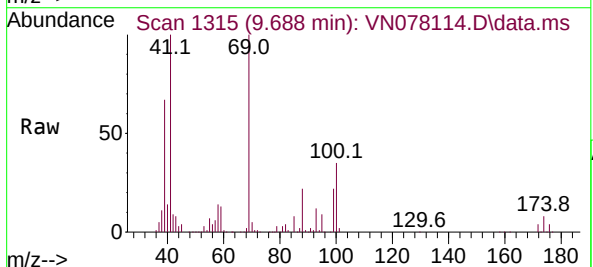
Manual Integrations
APPROVED

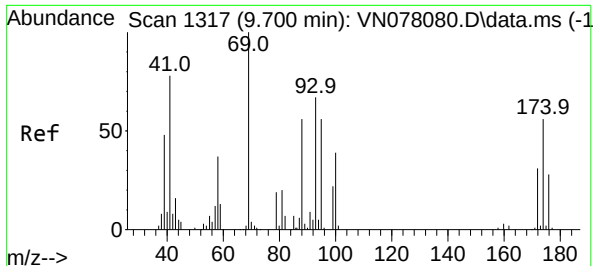
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#48
Methyl methacrylate
Concen: 48.852 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 41 Resp: 226250
Ion Ratio Lower Upper
41 100
69 97.4 90.4 135.6
39 63.3 54.6 81.8





#49

1,4-Dioxane

Concen: 869.975 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 84684

Ion Ratio Lower Upper

88 100

43 24.9 17.0 25.6

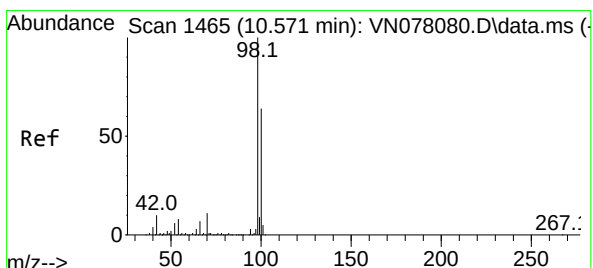
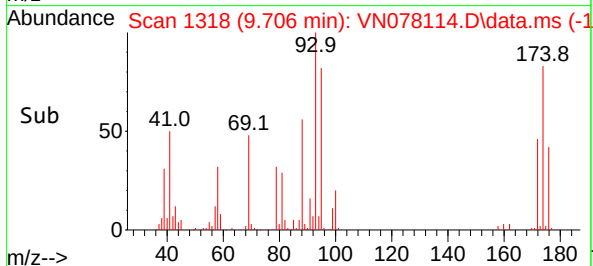
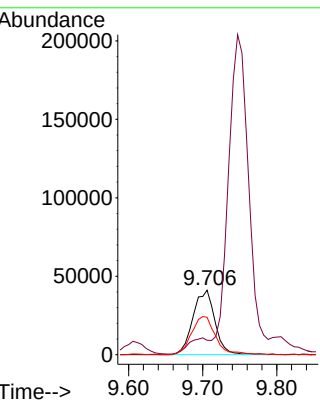
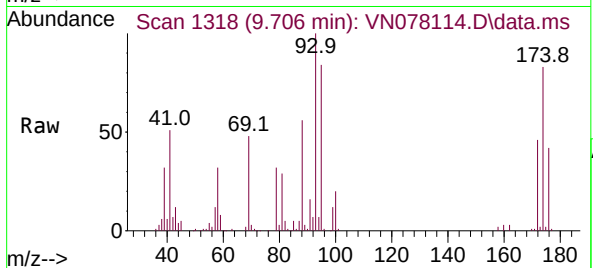
58 65.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#50

Toluene-d8

Concen: 50.706 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078114.D

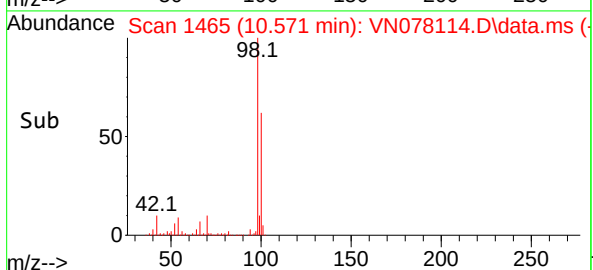
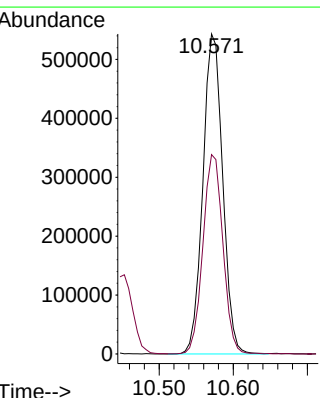
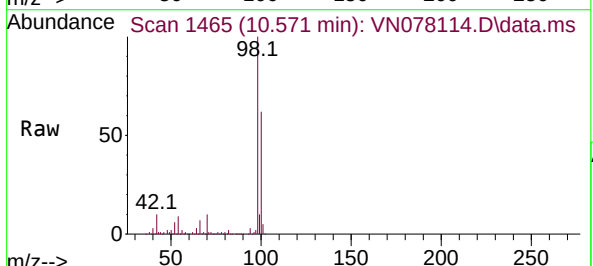
Acq: 07 Jun 2023 19:27

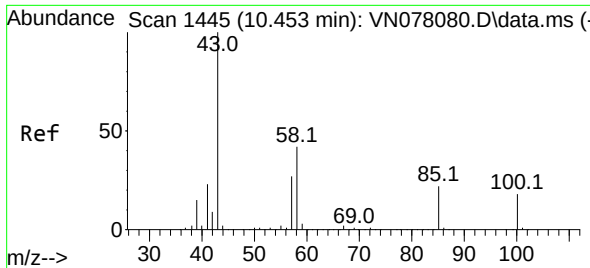
Tgt Ion: 98 Resp: 1006684

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0





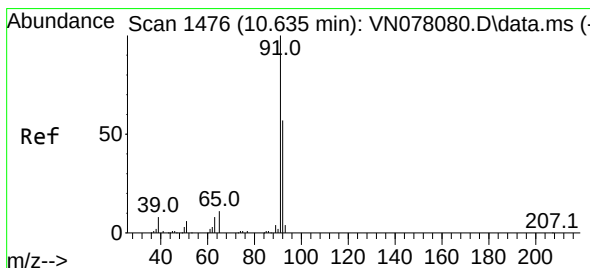
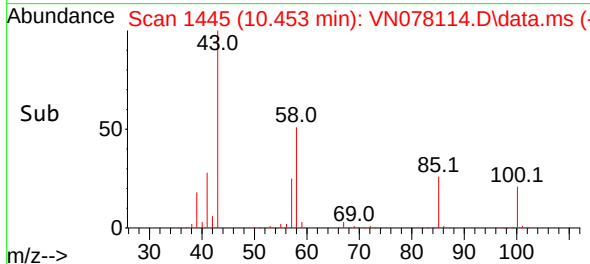
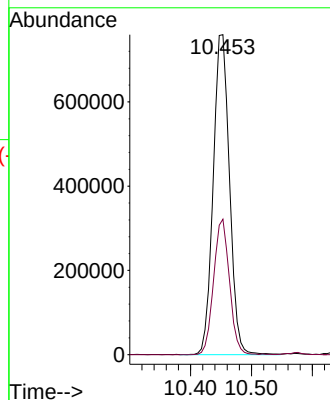
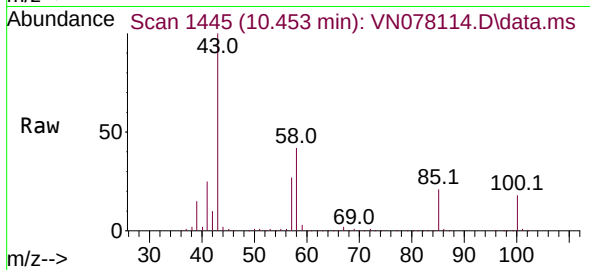
#51
4-Methyl-2-Pentanone
Concen: 243.311 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 141399
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

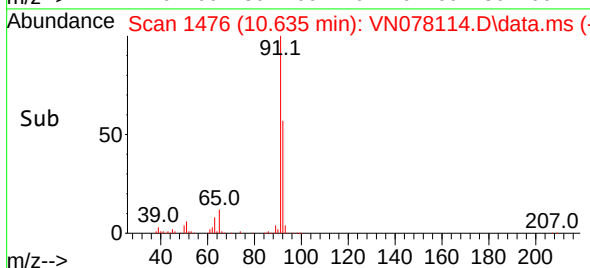
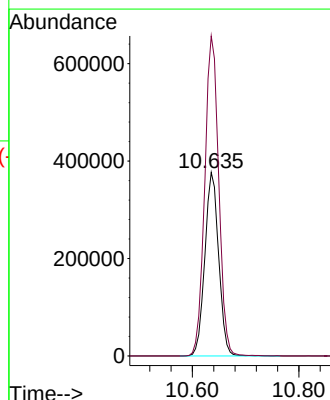
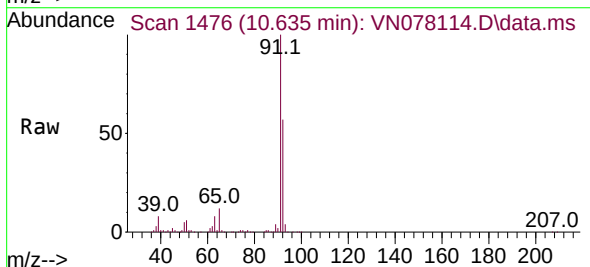
Manual Integrations
APPROVED

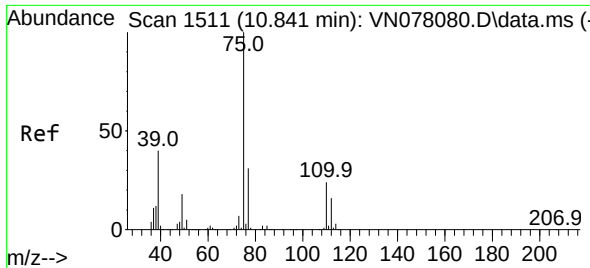
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#52
Toluene
Concen: 48.618 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 92 Resp: 676936
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0





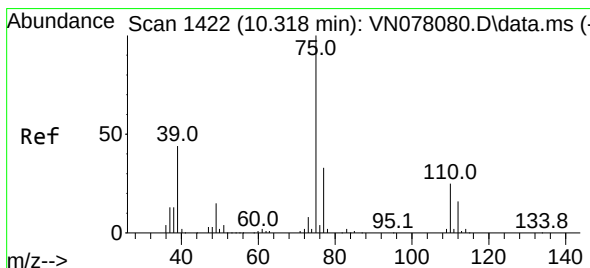
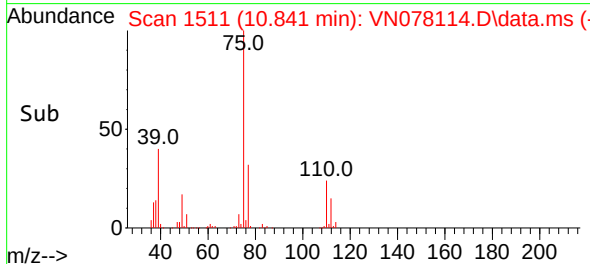
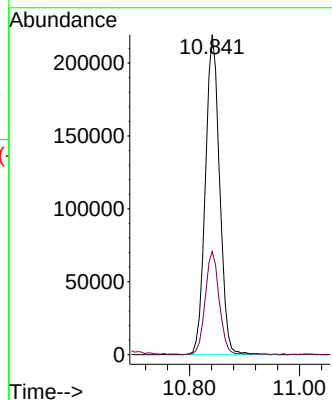
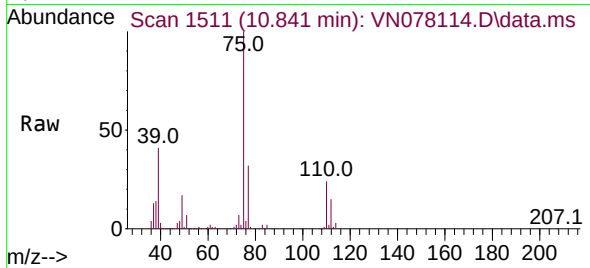
#53
t-1,3-Dichloropropene
Concen: 50.392 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 39397
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

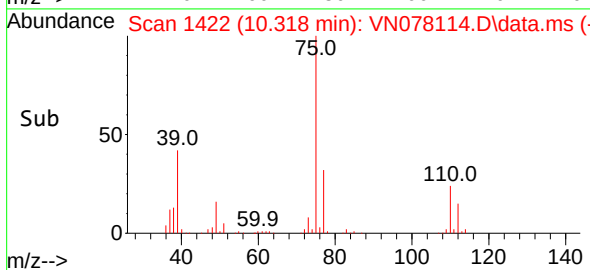
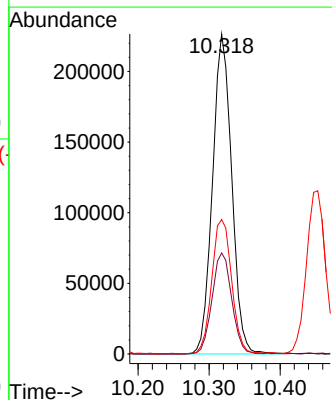
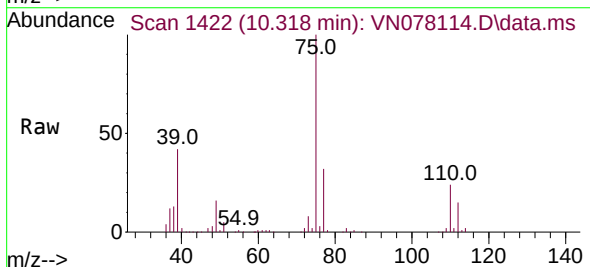
Manual Integrations
APPROVED

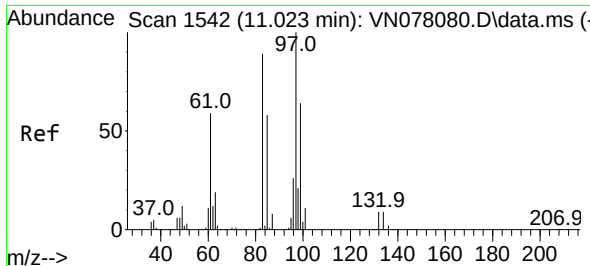
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#54
cis-1,3-Dichloropropene
Concen: 49.092 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

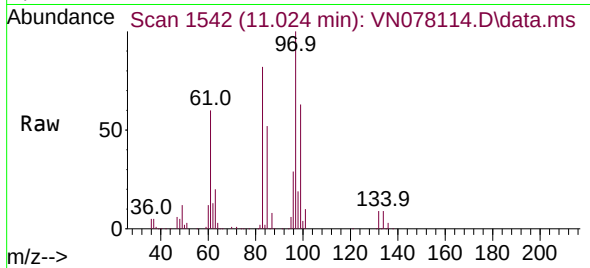
Tgt Ion: 75 Resp: 424269
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 41.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.432 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

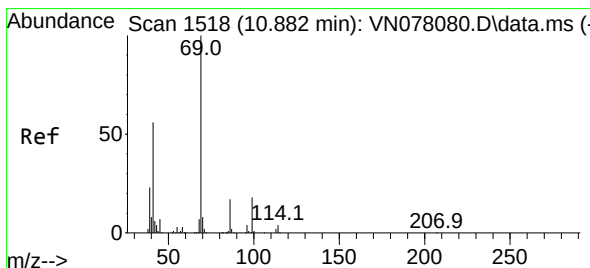
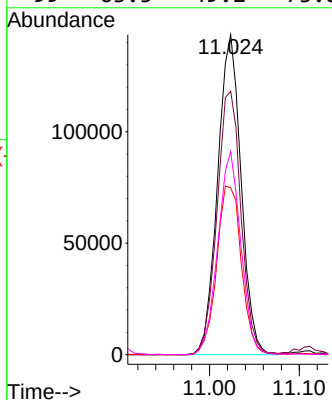
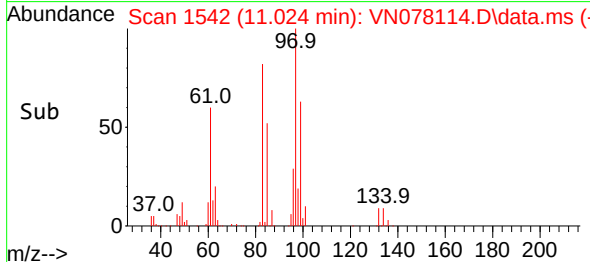
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 260360
Ion Ratio Lower Upper
97 100
83 82.3 65.1 97.7
85 52.1 43.4 65.2
99 63.5 49.2 73.8

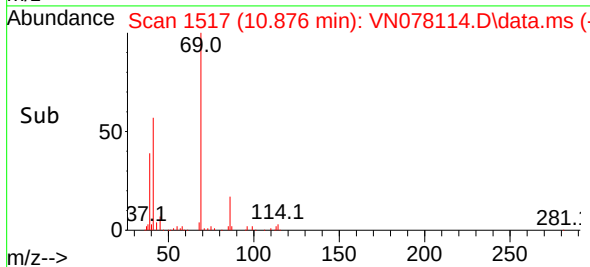
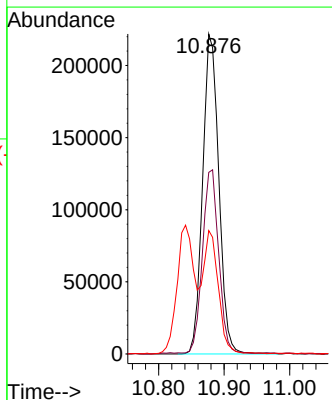
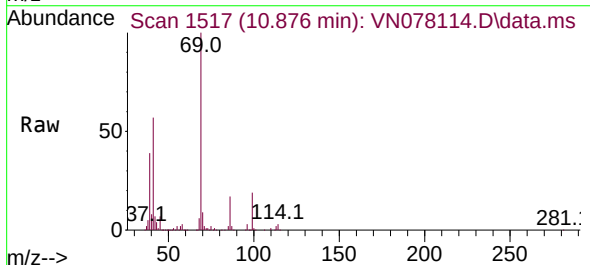
Manual Integrations
APPROVED

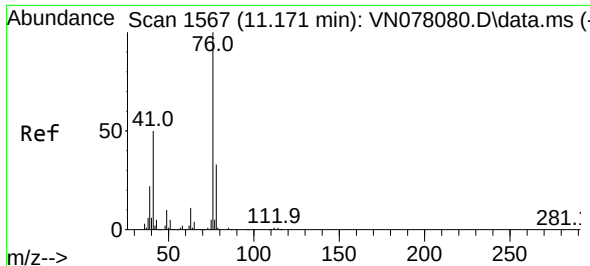
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#56
Ethyl methacrylate
Concen: 49.687 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 69 Resp: 381070
Ion Ratio Lower Upper
69 100
41 57.4 39.6 59.4
39 36.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.778 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078114.D

Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 442564

Ion Ratio Lower Upper

76 100

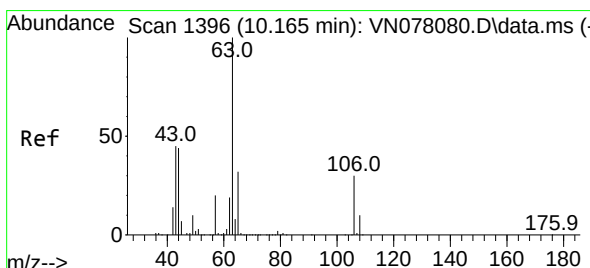
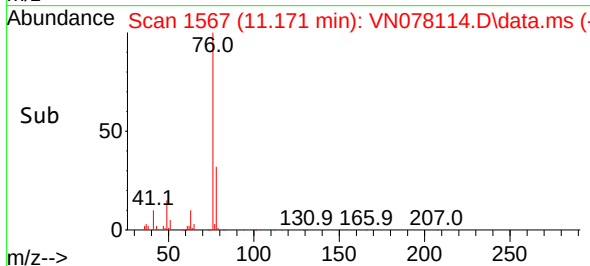
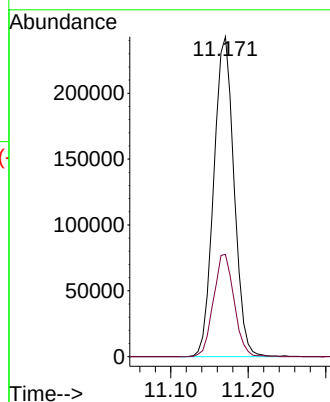
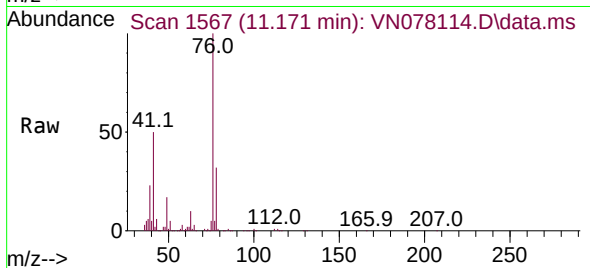
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 246.082 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078114.D

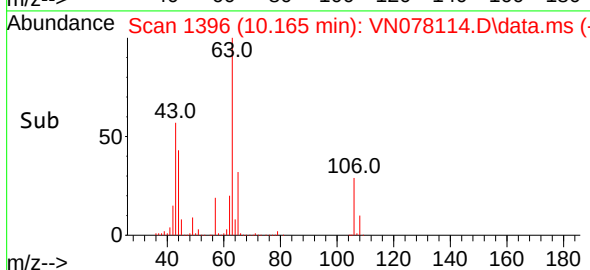
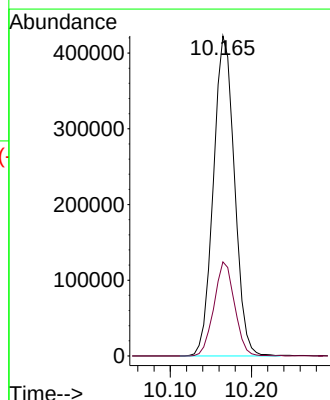
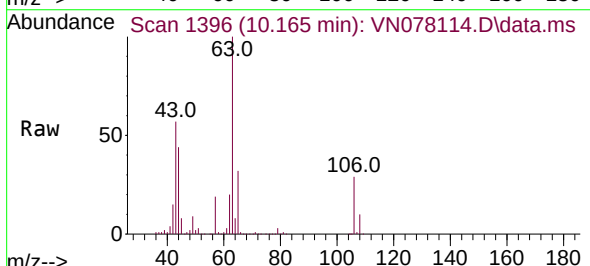
Acq: 07 Jun 2023 19:27

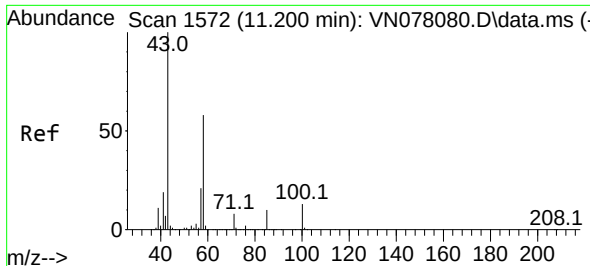
Tgt Ion: 63 Resp: 762411

Ion Ratio Lower Upper

63 100

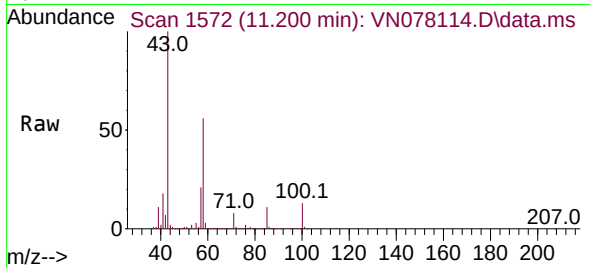
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 246.206 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

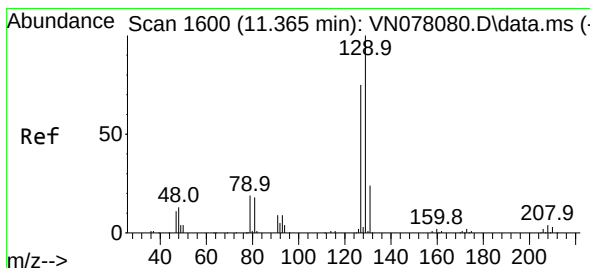
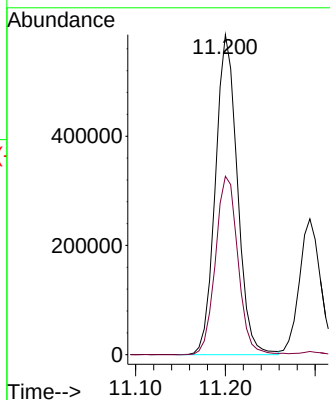
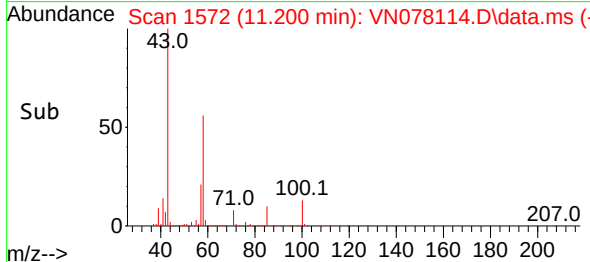
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 99626
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1

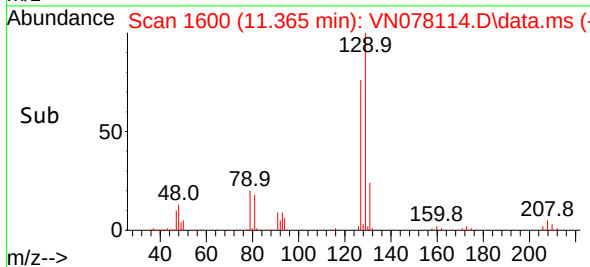
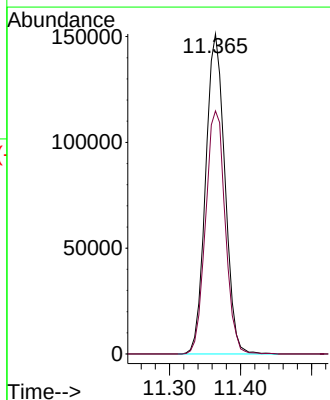
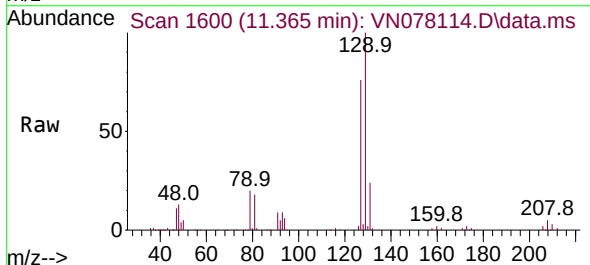
Manual Integrations
APPROVED

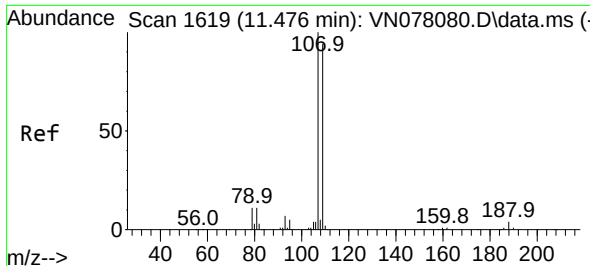
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#60
Dibromochloromethane
Concen: 49.287 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

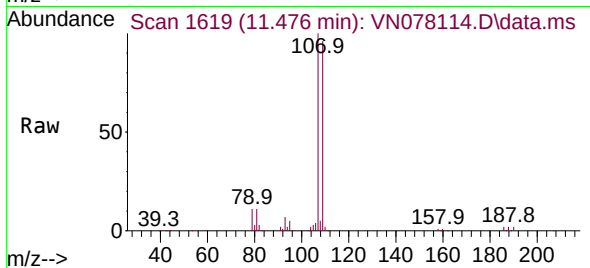
Tgt Ion:129 Resp: 284074
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.248 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

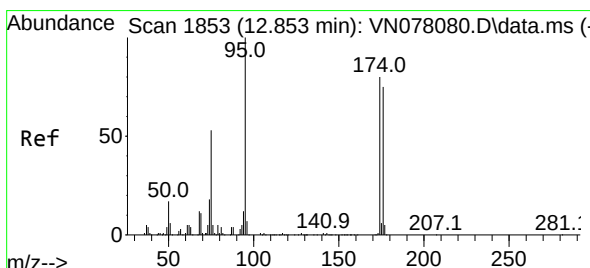
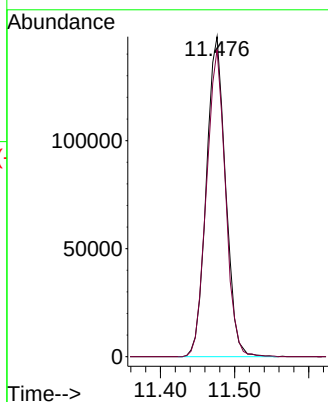
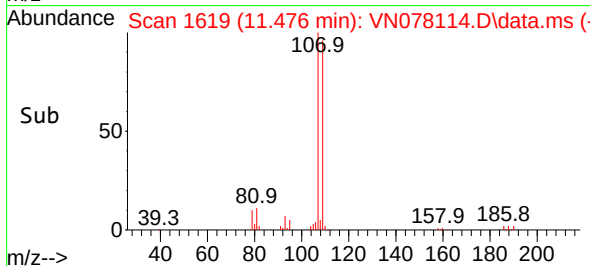
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



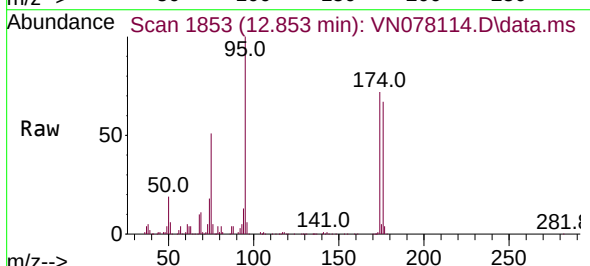
Tgt Ion:107 Resp: 266688
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

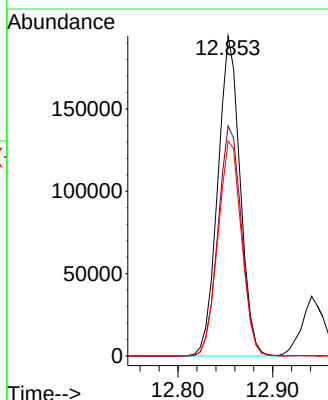
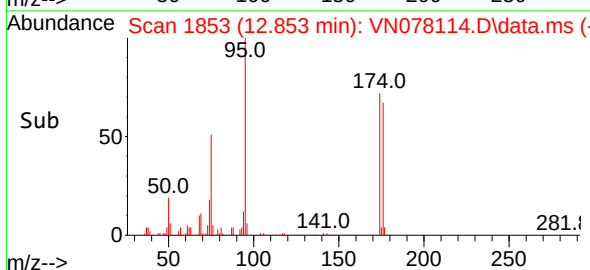
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

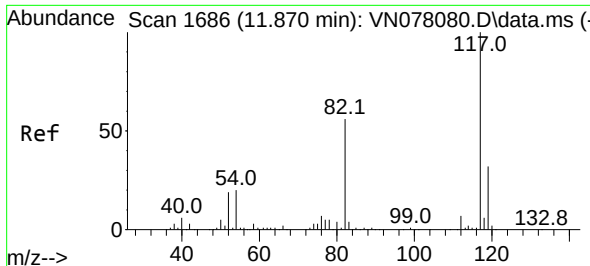


#62
4-Bromofluorobenzene
Concen: 51.558 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



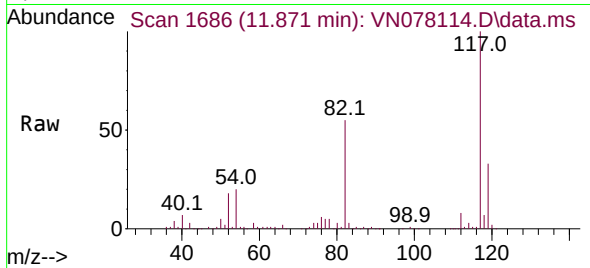
Tgt Ion: 95 Resp: 318212
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

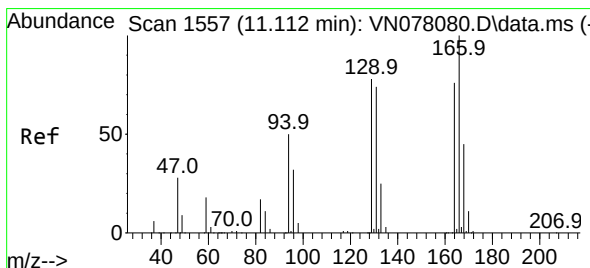
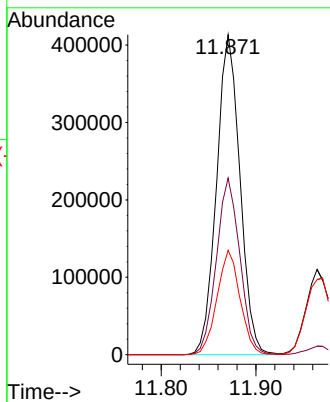
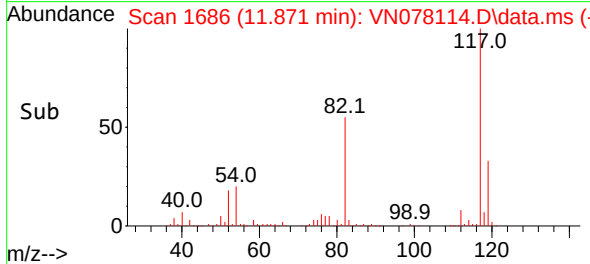
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 711472
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 32.6 25.6 38.4

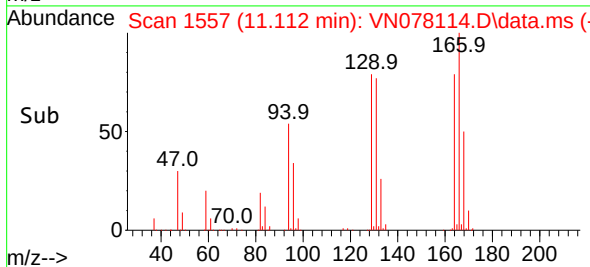
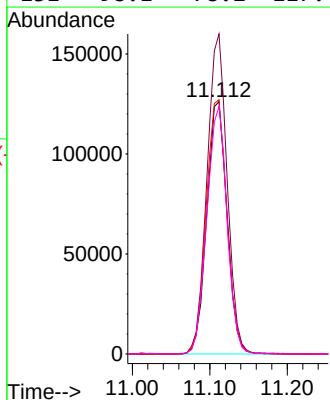
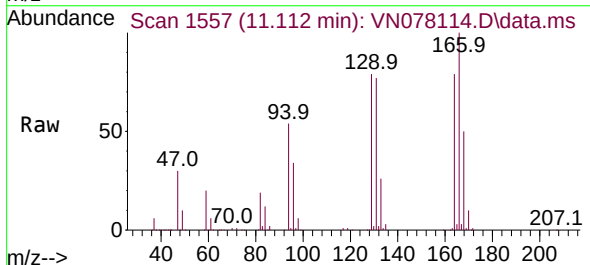
Manual Integrations
APPROVED

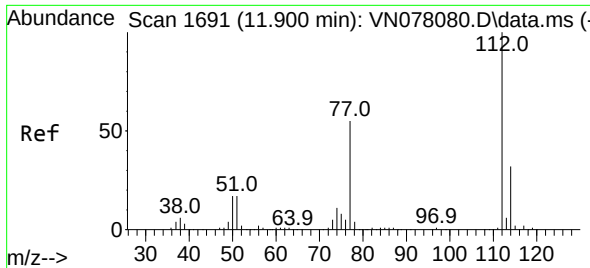
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#64
Tetrachloroethene
Concen: 48.344 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

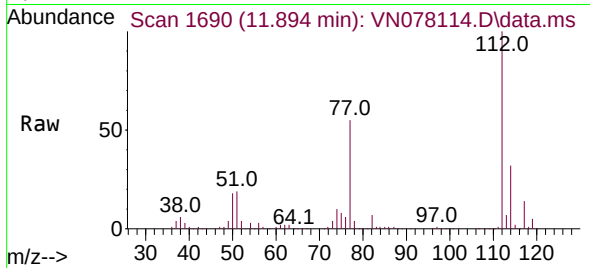
Tgt Ion:164 Resp: 229462
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.0
129 100.7 82.4 123.6
131 98.1 78.2 117.4





#65
Chlorobenzene
Concen: 46.792 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

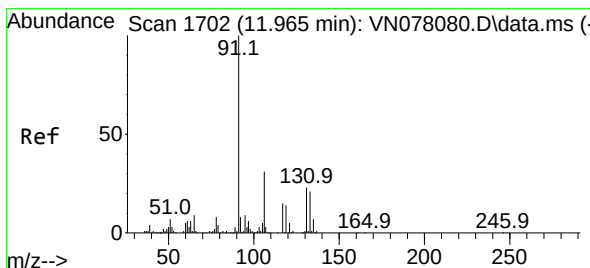
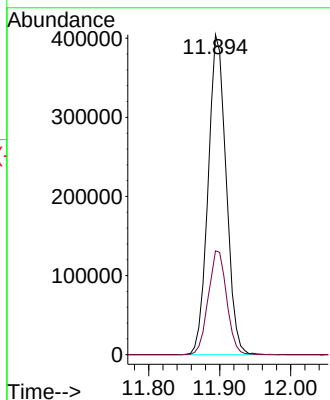
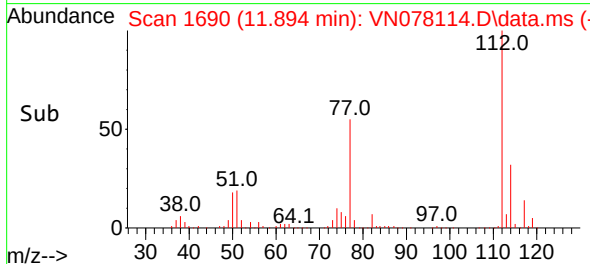
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



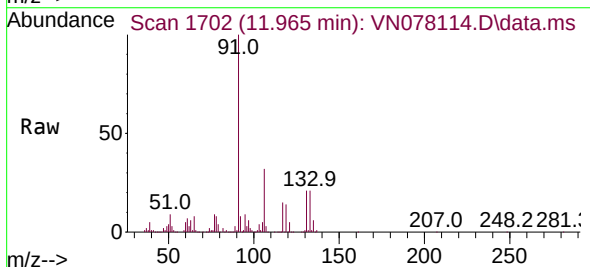
Tgt Ion:112 Resp: 71294
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

Manual Integrations
APPROVED

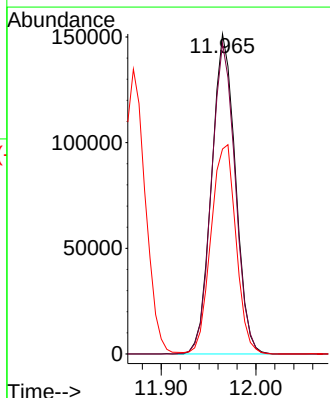
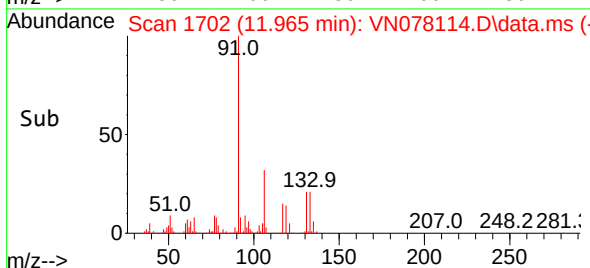
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

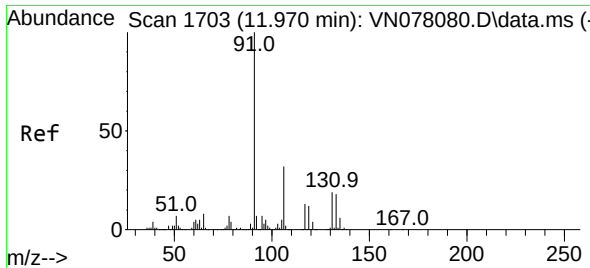


#66
1,1,1,2-Tetrachloroethane
Concen: 47.238 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



Tgt Ion:131 Resp: 264724
Ion Ratio Lower Upper
131 100
133 96.9 46.4 139.1
119 68.8 34.1 102.2





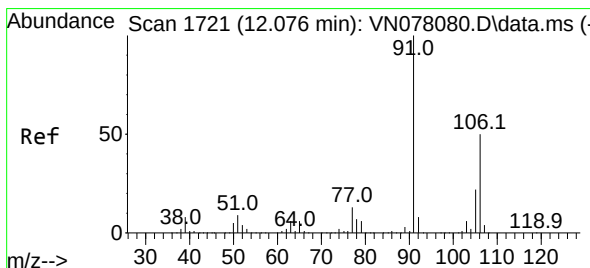
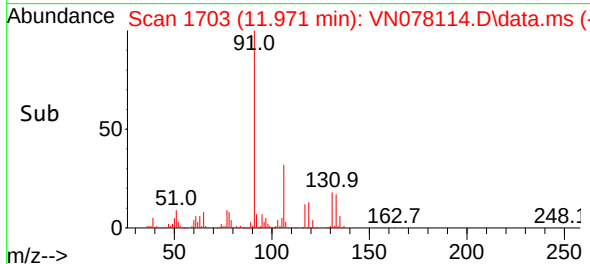
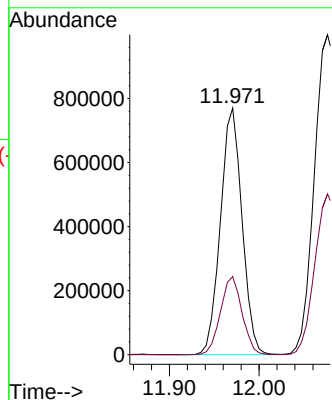
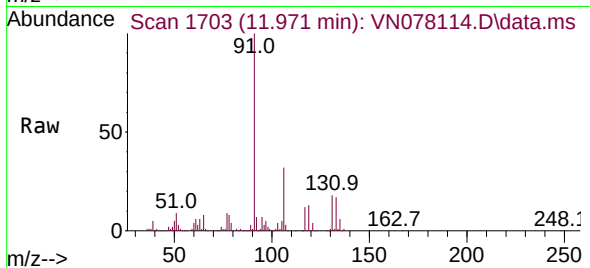
#67
Ethyl Benzene
Concen: 48.965 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1287300
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

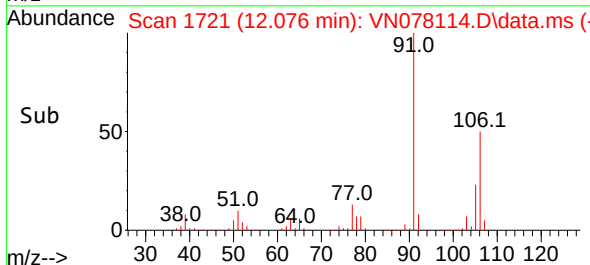
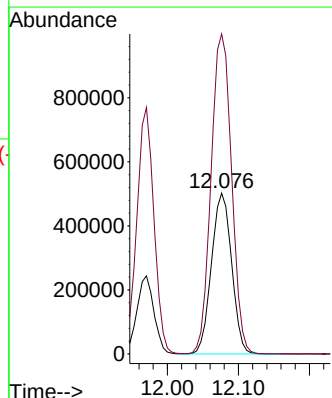
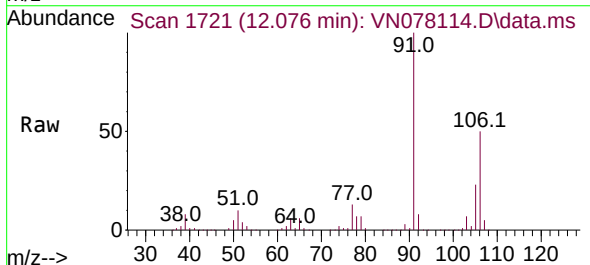
Manual Integrations
APPROVED

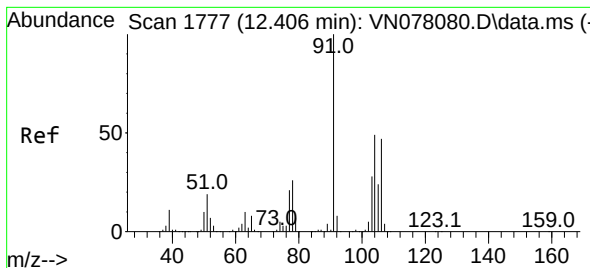
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#68
m/p-Xylenes
Concen: 98.722 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

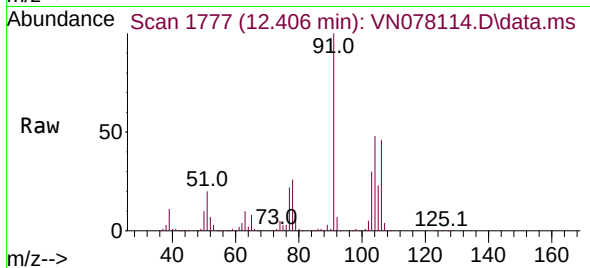
Tgt Ion:106 Resp: 989129
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





#69
o-Xylene
Concen: 49.029 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

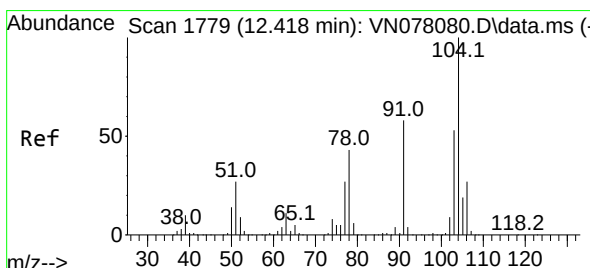
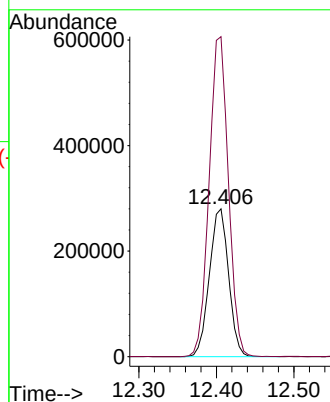
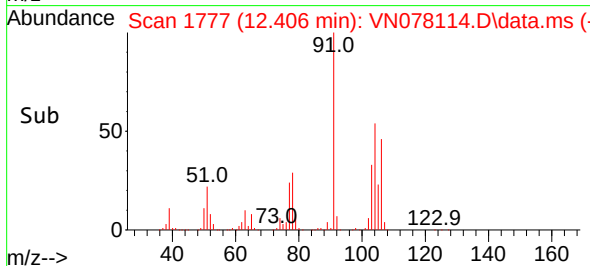
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 482400
Ion Ratio Lower Upper
106 100
91 216.8 105.2 315.5

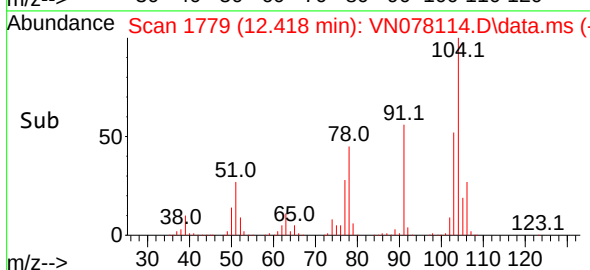
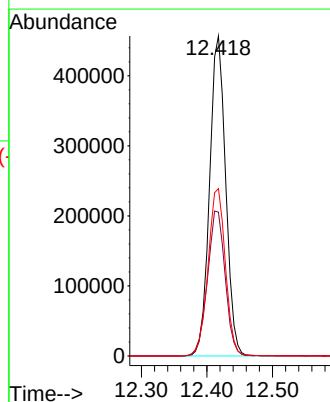
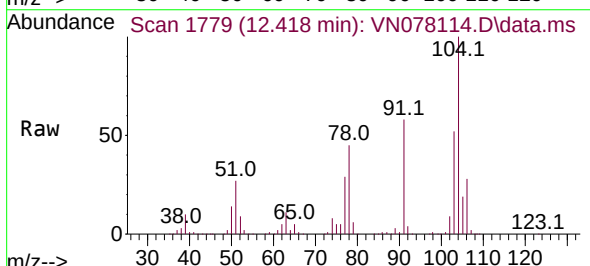
Manual Integrations
APPROVED

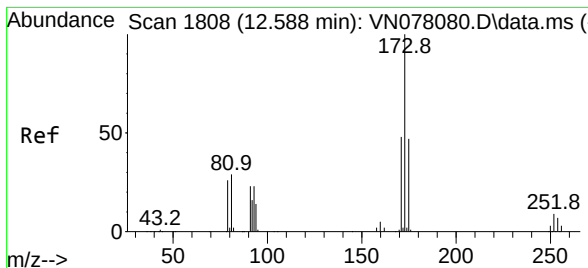
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#70
Styrene
Concen: 50.347 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

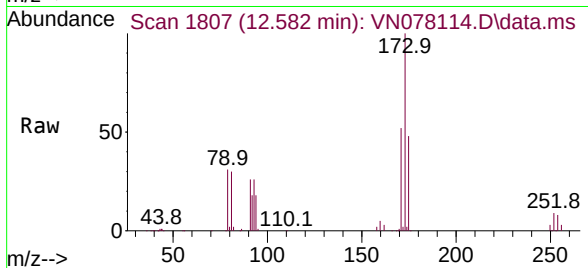
Tgt Ion:104 Resp: 779864
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.4 43.2 64.8





#71
Bromoform
Concen: 48.966 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

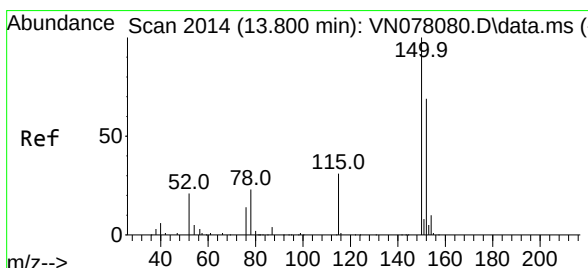
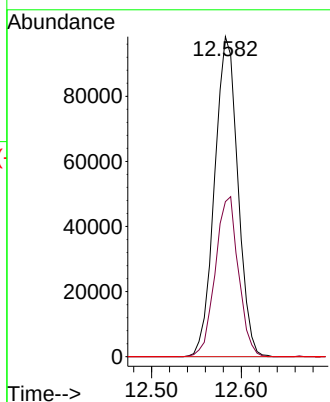
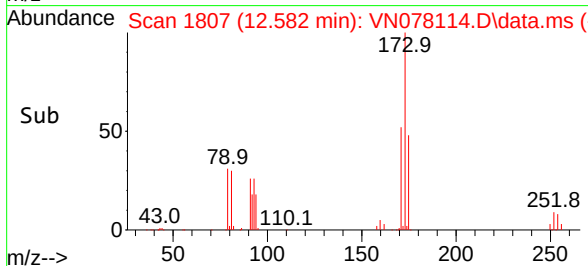
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 177080
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0

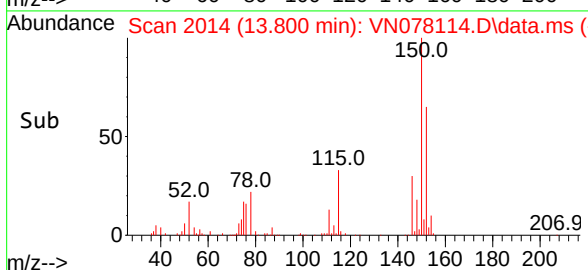
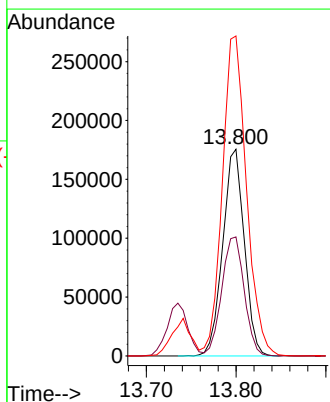
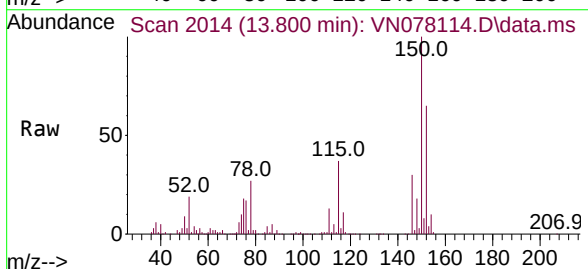
Manual Integrations
APPROVED

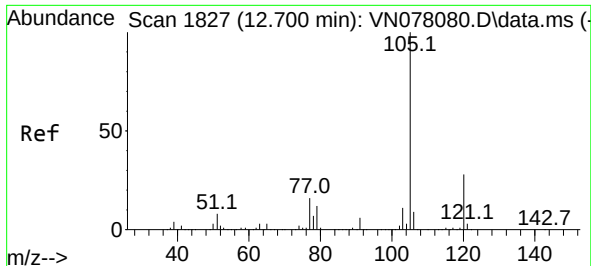
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

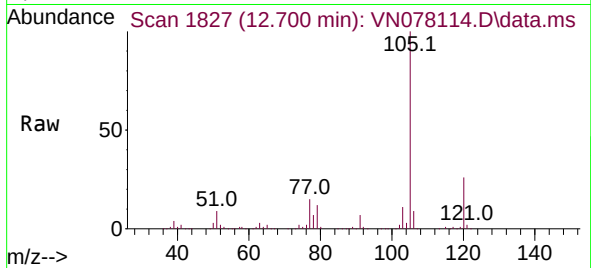
Tgt Ion:152 Resp: 293366
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 173.1 0.0 355.8





#73
Isopropylbenzene
Concen: 43.744 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

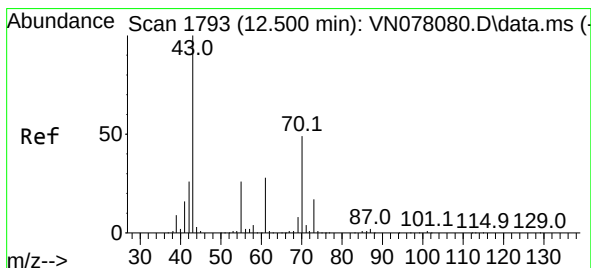
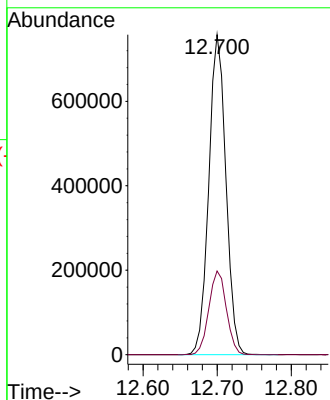
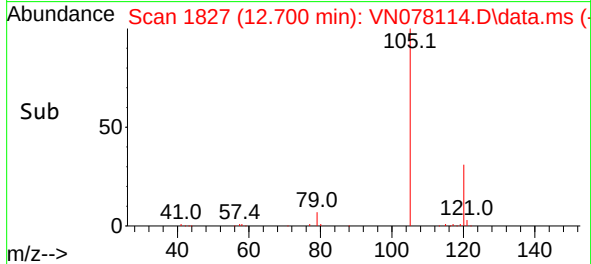
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



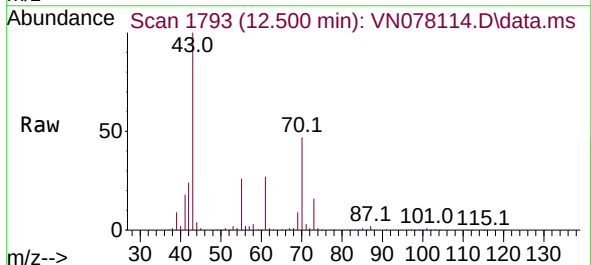
Tgt Ion:105 Resp: 121351
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
APPROVED

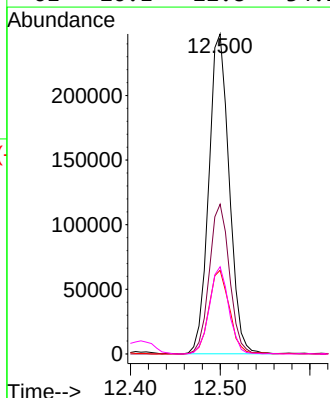
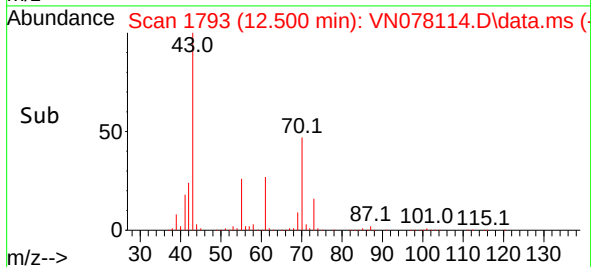
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

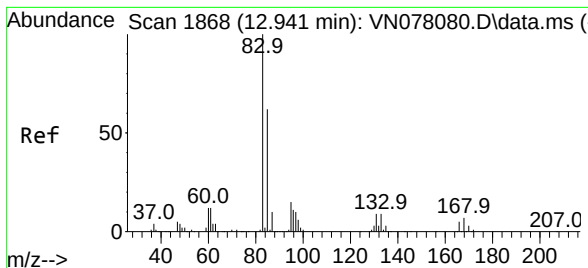


#74
N-ethyl acetate
Concen: 42.749 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



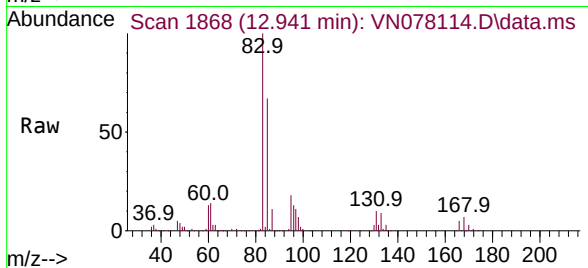
Tgt Ion: 43 Resp: 390532
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.4 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.593 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

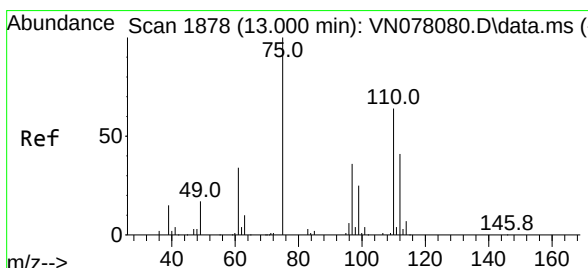
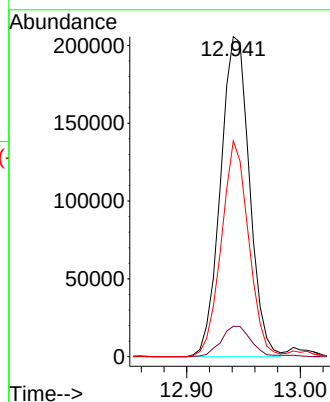
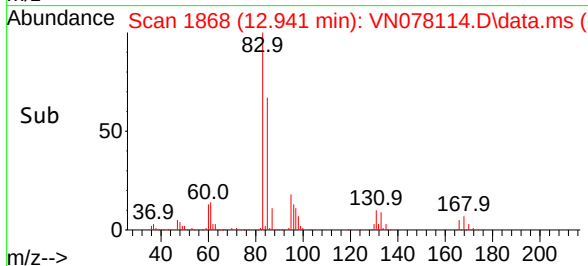
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 364034
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.5 31.9 95.7

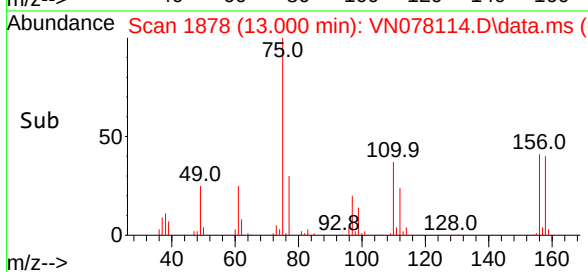
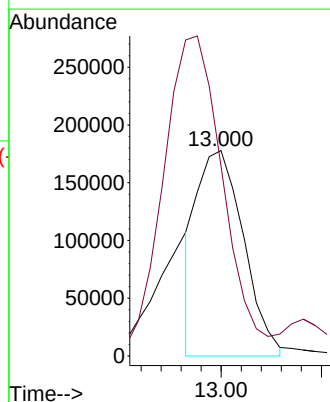
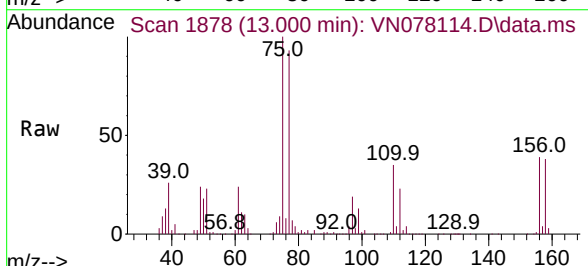
Manual Integrations
APPROVED

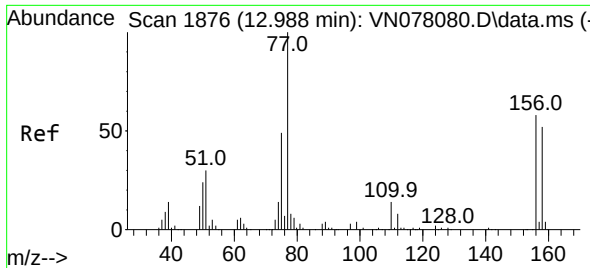
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#76
1,2,3-Trichloropropane
Concen: 41.402 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

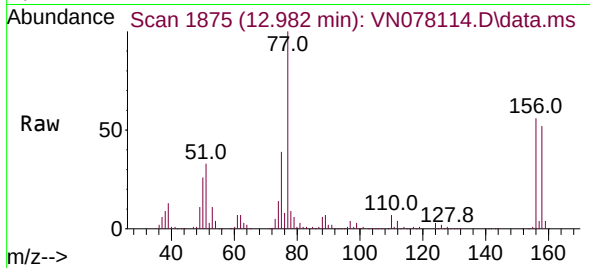
Tgt Ion: 75 Resp: 287135
Ion Ratio Lower Upper
75 100
77 199.8 84.5 253.5





#77
Bromobenzene
Concen: 42.247 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

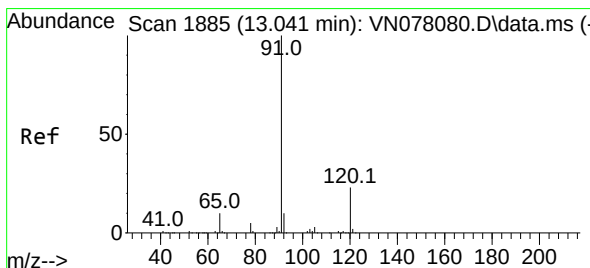
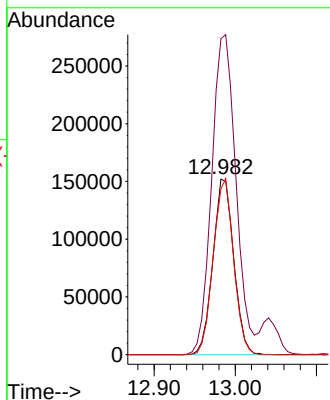
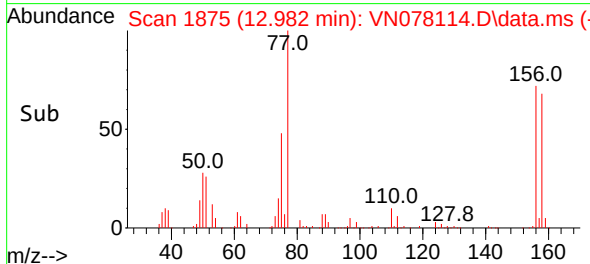
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 27206
Ion Ratio Lower Upper
156 100
77 210.9 107.7 323.3
158 97.3 48.4 145.3

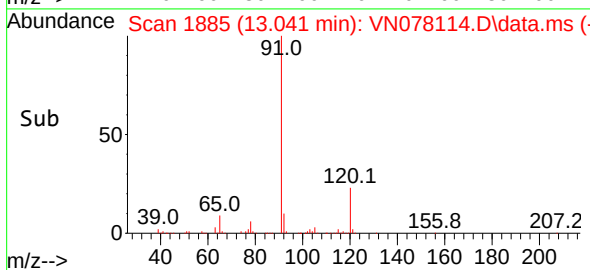
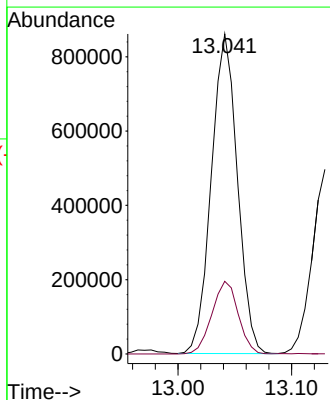
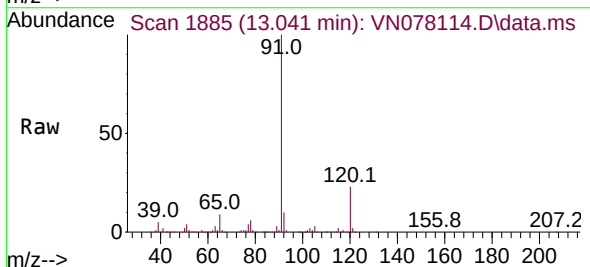
Manual Integrations
APPROVED

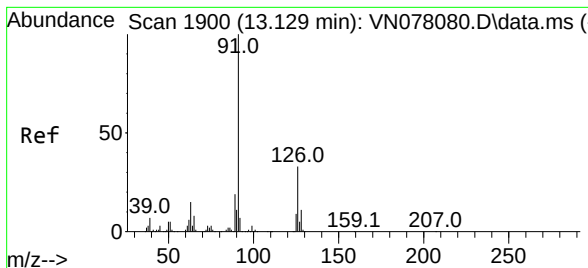
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#78
n-propylbenzene
Concen: 45.497 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 91 Resp: 1371304
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





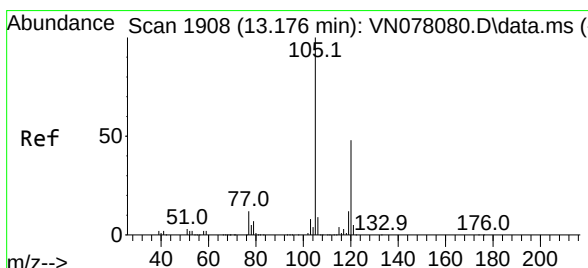
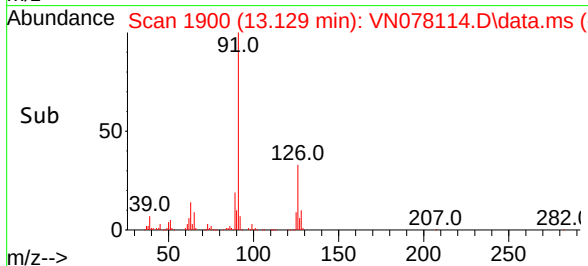
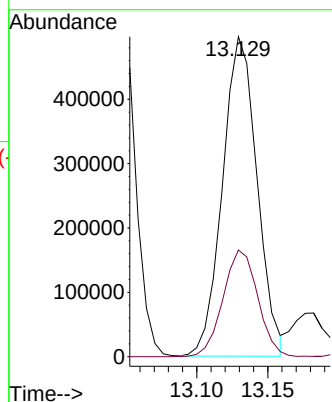
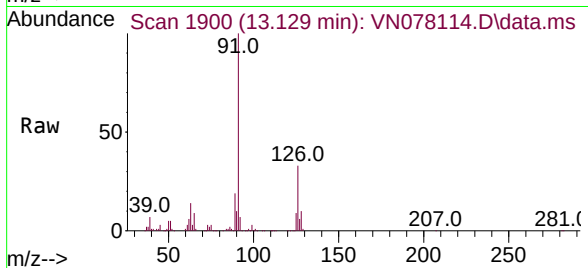
#79
2-Chlorotoluene
Concen: 43.112 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 838780
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

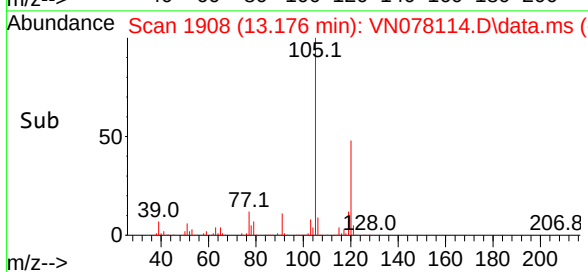
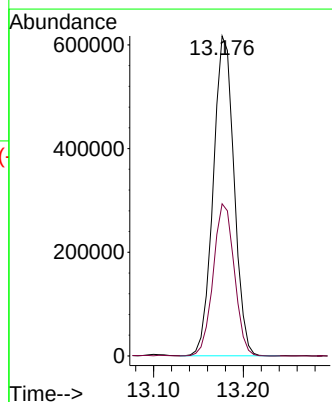
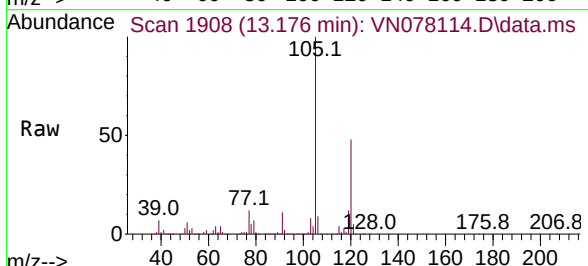
Manual Integrations
APPROVED

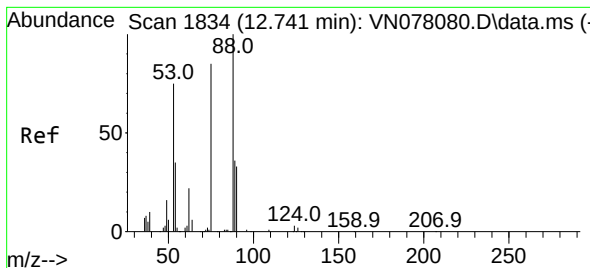
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.221 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

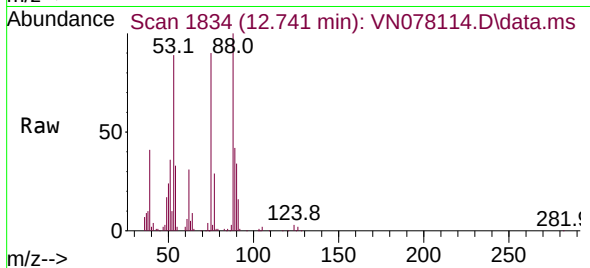
Tgt Ion:105 Resp: 993202
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.915 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

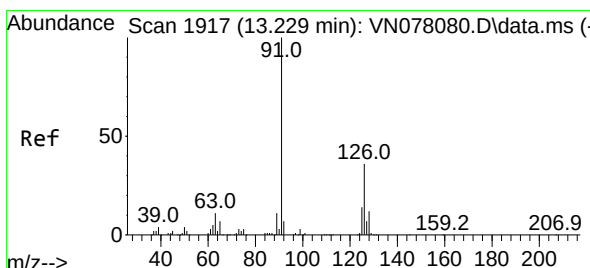
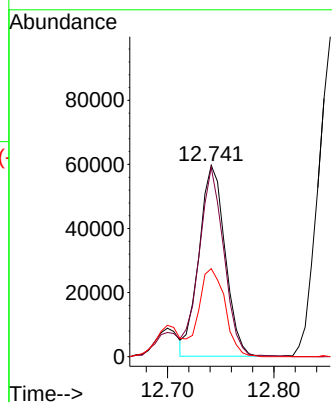
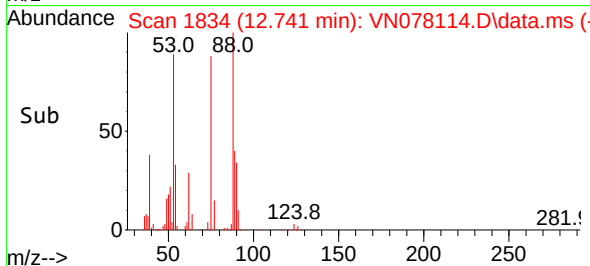
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 101389
Ion Ratio Lower Upper
75 100
53 95.2 67.4 101.2
89 45.7 38.8 58.2

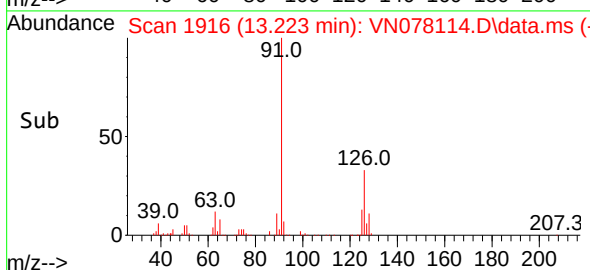
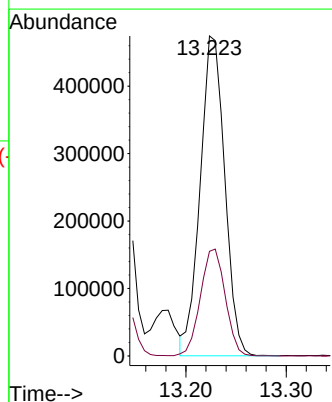
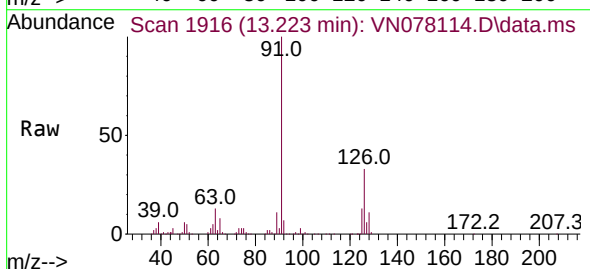
Manual Integrations
APPROVED

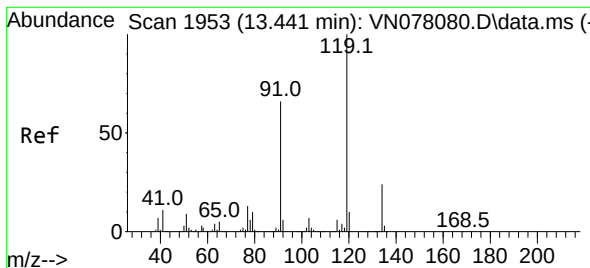
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#82
4-Chlorotoluene
Concen: 44.530 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion: 91 Resp: 808576
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





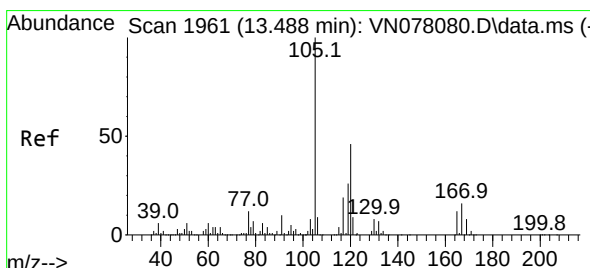
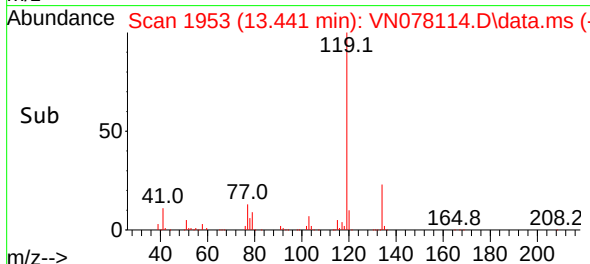
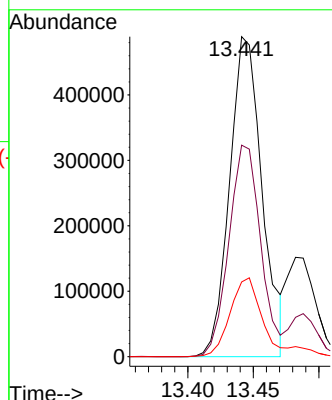
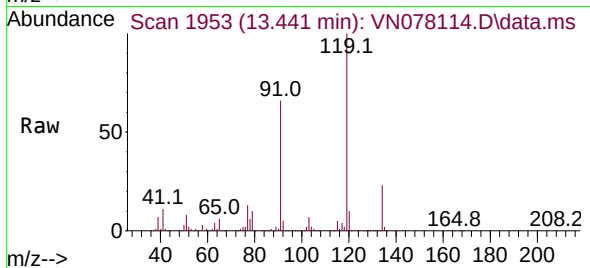
#83
tert-Butylbenzene
Concen: 43.290 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 845190
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 25.9 13.2 39.6

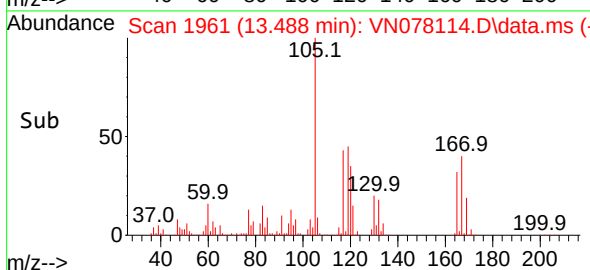
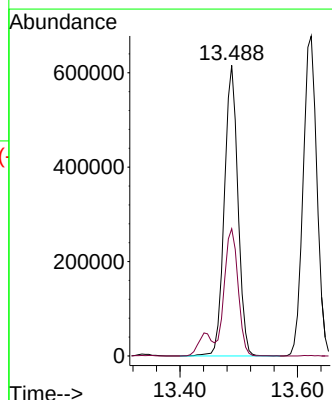
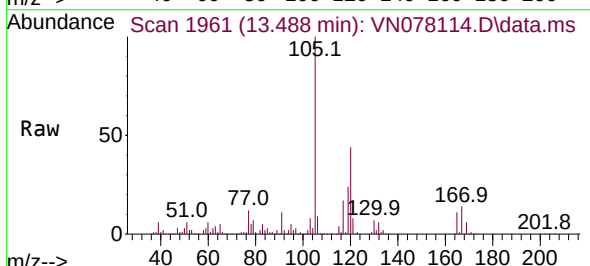
Manual Integrations
APPROVED

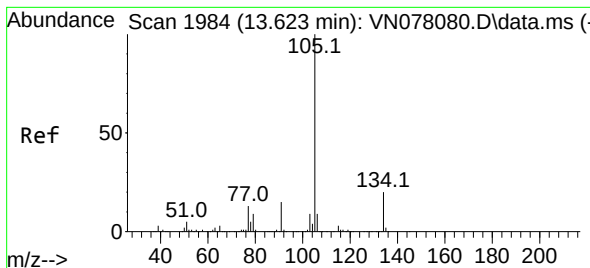
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.282 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion:105 Resp: 986029
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





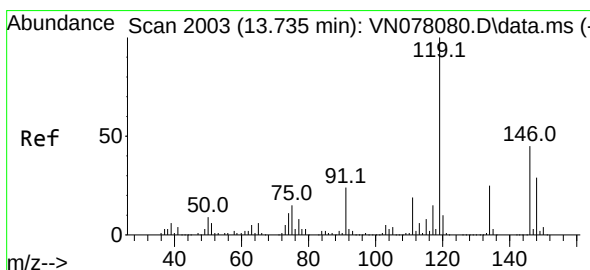
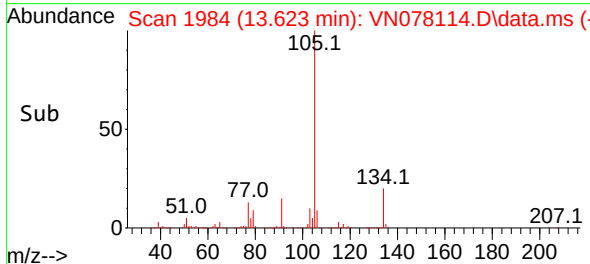
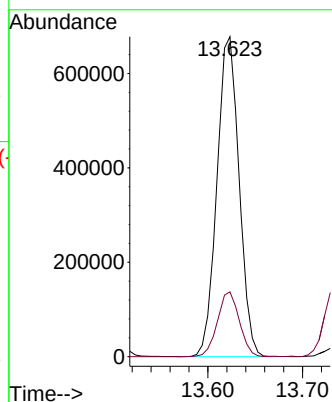
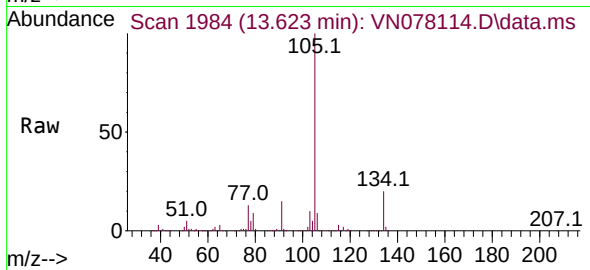
#85
 sec-Butylbenzene
 Concen: 43.208 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 110411
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

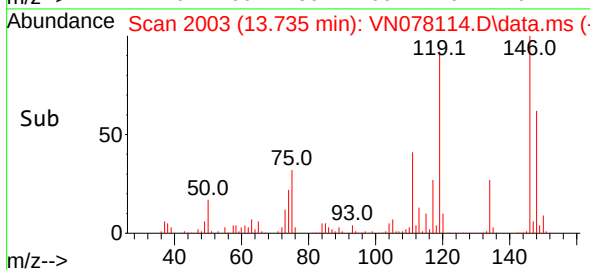
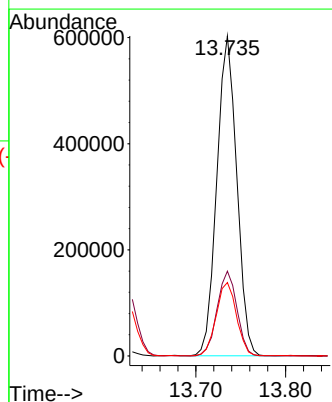
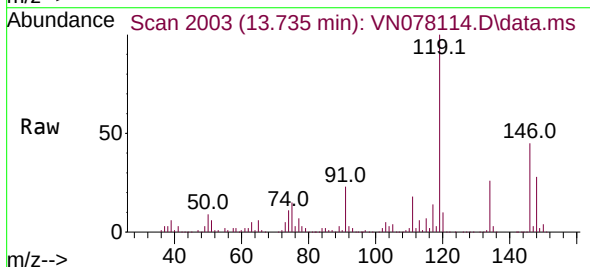
Manual Integrations
 APPROVED

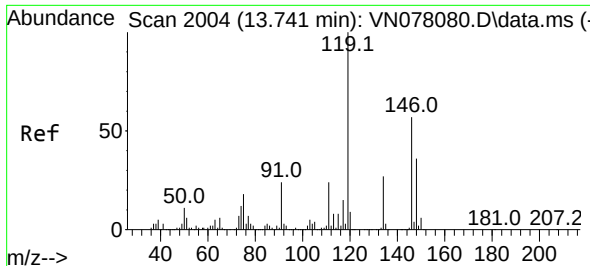
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#86
 p-Isopropyltoluene
 Concen: 44.794 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078114.D
 Acq: 07 Jun 2023 19:27

Tgt Ion:119 Resp: 928888
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 23.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 43.544 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

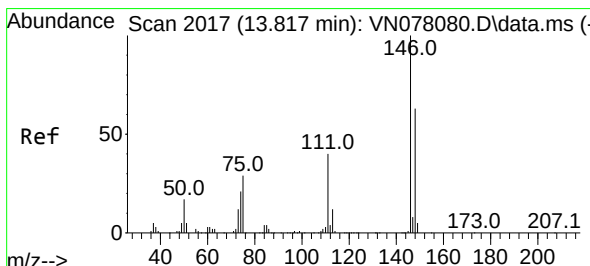
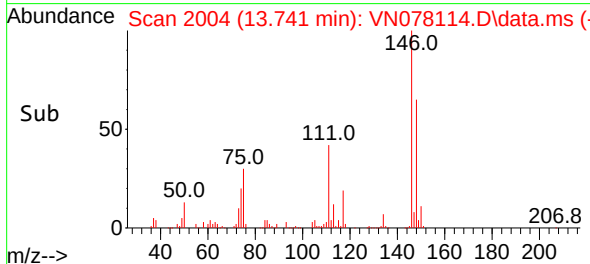
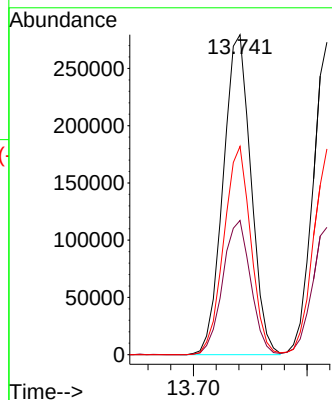
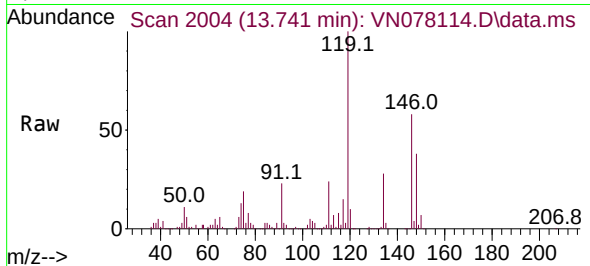
VSTDCCC050EC

Tgt Ion:146 Resp: 47432
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 63.3 32.0 96.0

Manual Integrations

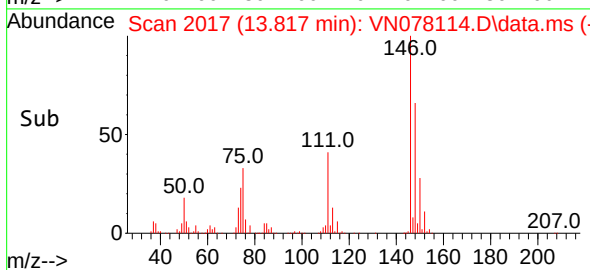
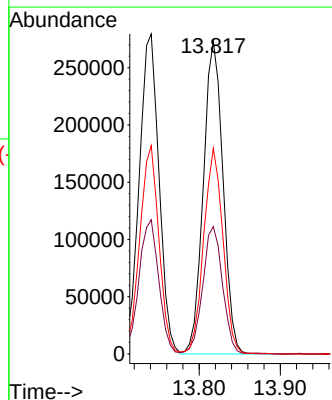
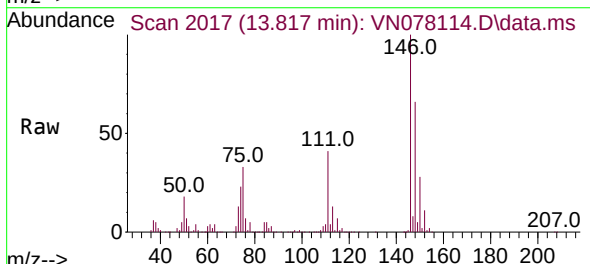
APPROVED

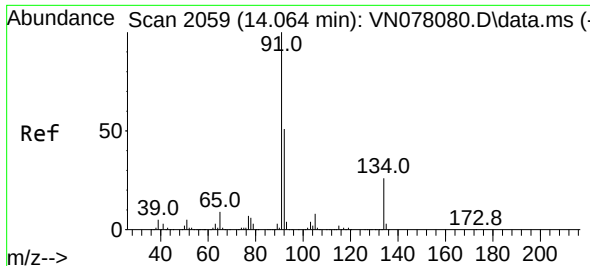
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#88
1,4-Dichlorobenzene
Concen: 43.658 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion:146 Resp: 458898
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 64.5 31.6 94.8





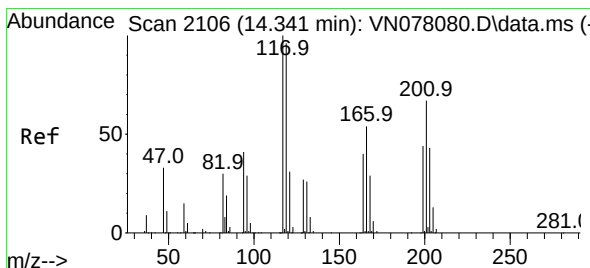
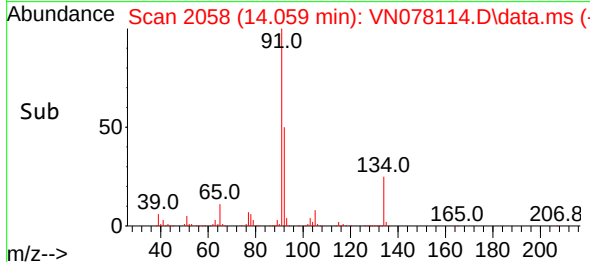
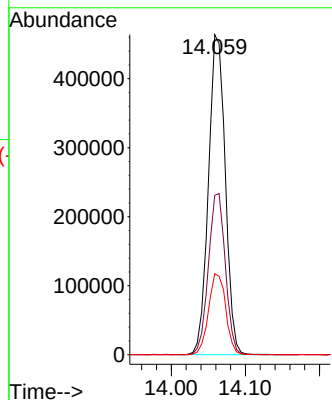
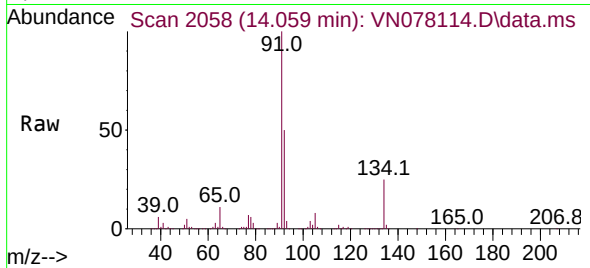
#89
n-Butylbenzene
Concen: 44.696 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 73106
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 25.9 12.6 37.6

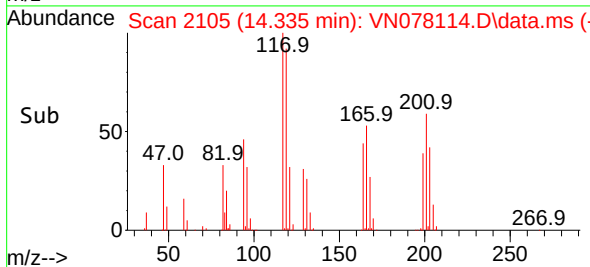
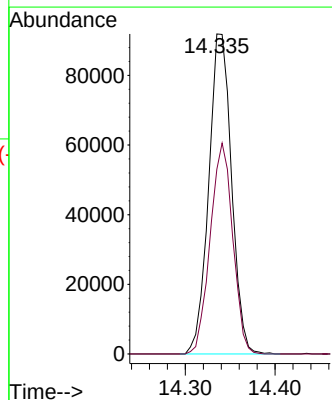
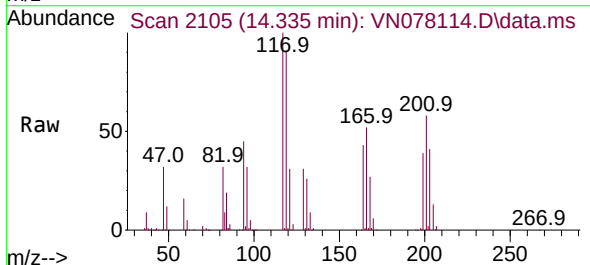
Manual Integrations
APPROVED

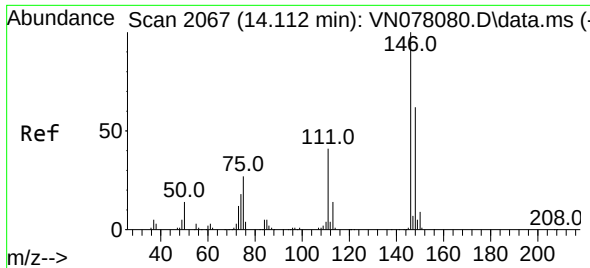
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#90
Hexachloroethane
Concen: 44.125 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Tgt Ion:117 Resp: 162384
Ion Ratio Lower Upper
117 100
201 64.9 29.3 88.0





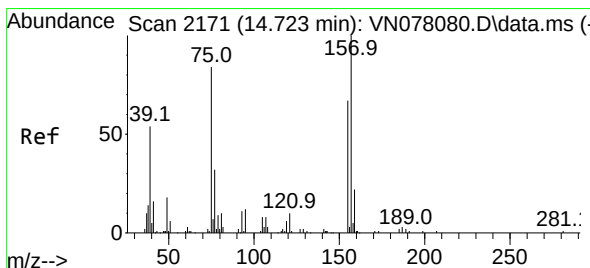
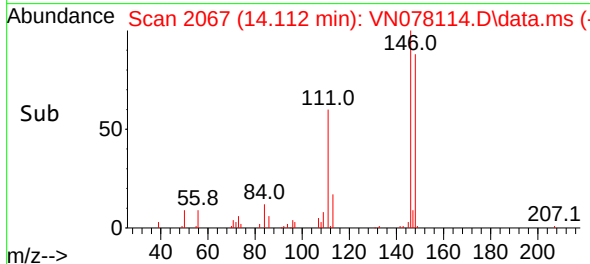
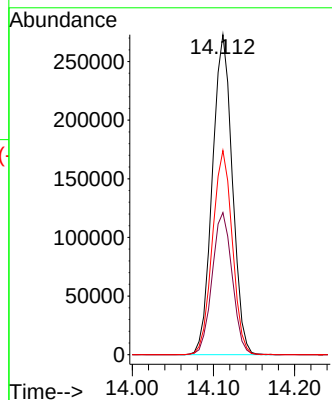
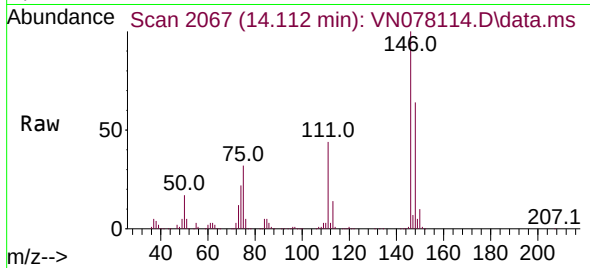
#91
1,2-Dichlorobenzene
Concen: 43.745 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 465712
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 63.6 31.8 95.3

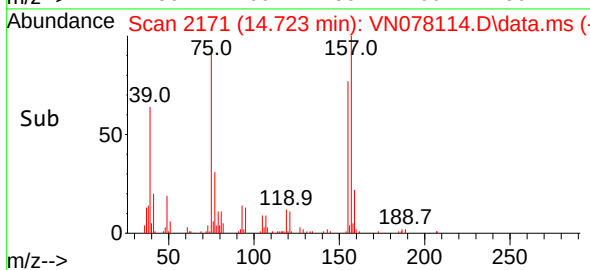
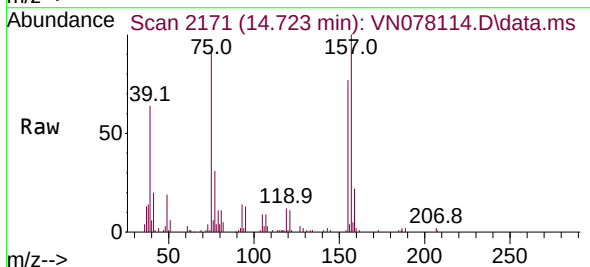
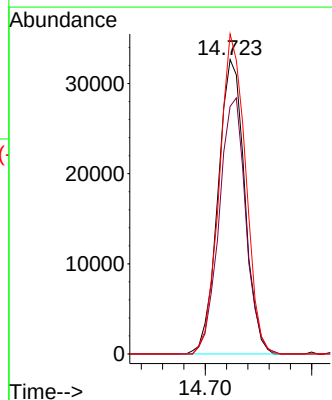
Manual Integrations
APPROVED

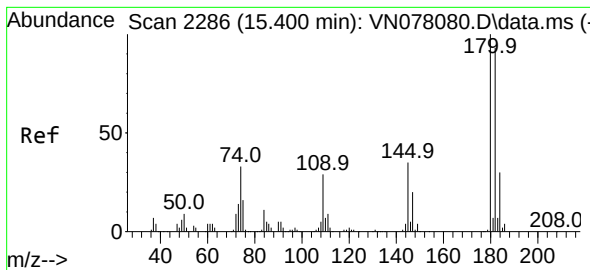
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.212 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

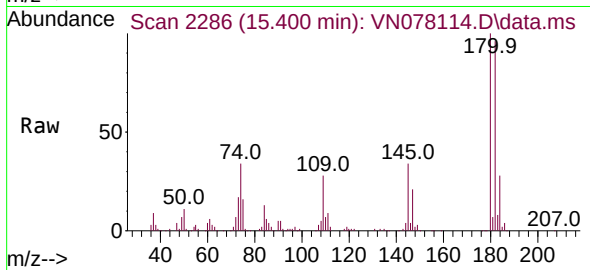
Tgt Ion: 75 Resp: 56629
Ion Ratio Lower Upper
75 100
155 86.7 39.1 117.2
157 107.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.880 ug/l
RT: 15.400 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

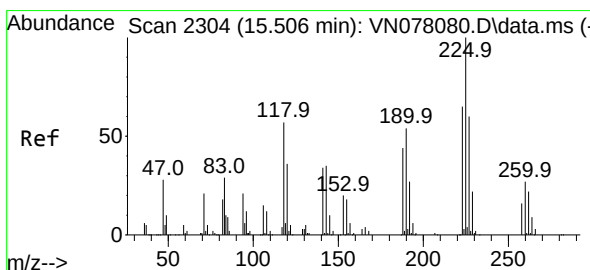
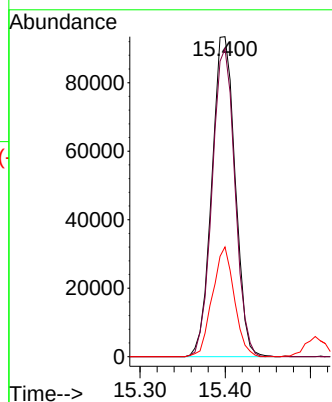
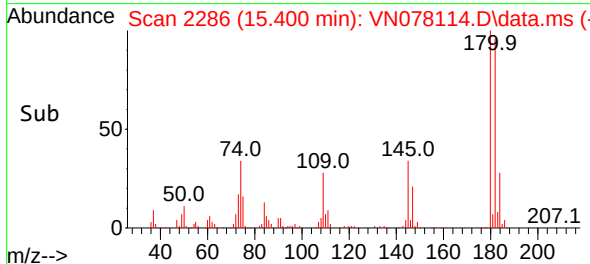
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 17782
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.2
145 32.1 16.6 49.8

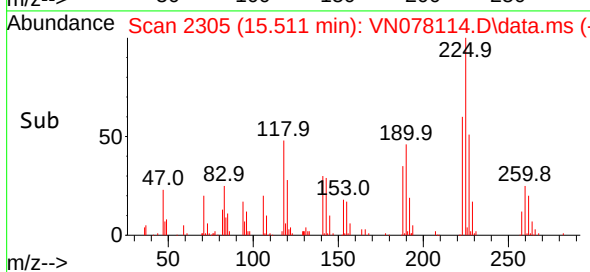
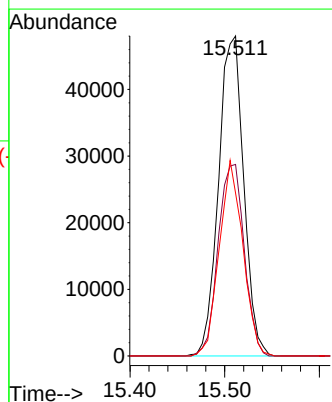
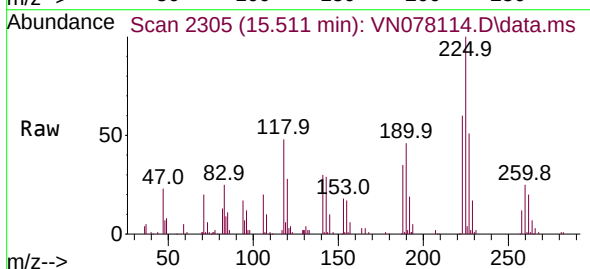
Manual Integrations
APPROVED

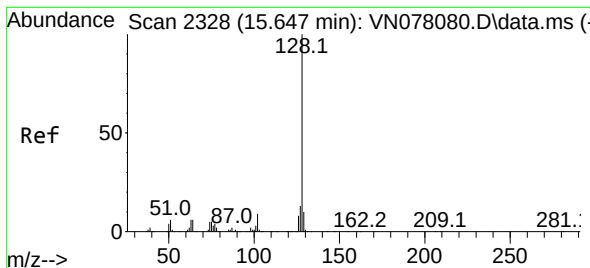
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#94
Hexachlorobutadiene
Concen: 47.609 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

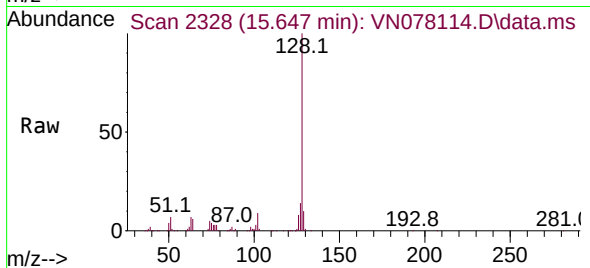
Tgt Ion:225 Resp: 88759
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 57.3 31.9 95.9





#95
Naphthalene
Concen: 42.766 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27

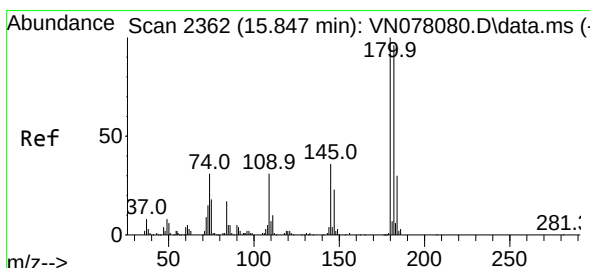
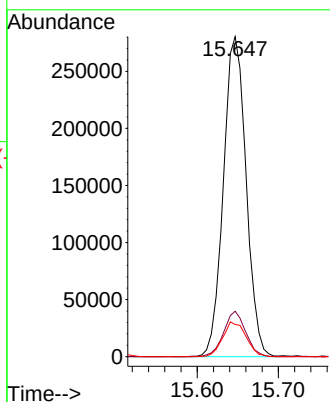
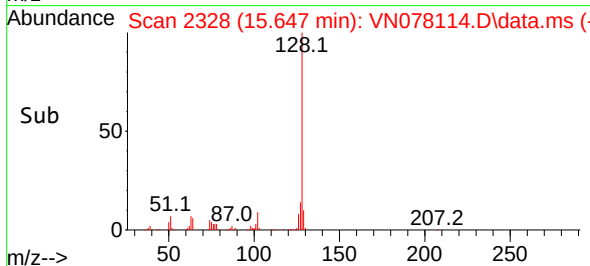
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



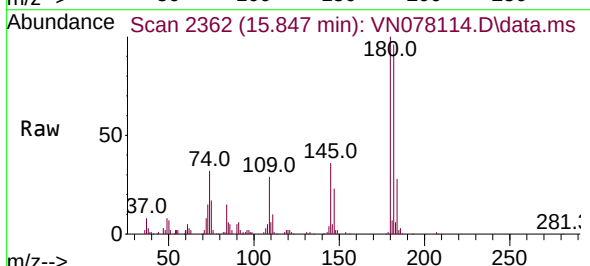
Tgt Ion:128 Resp: 545660
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.226 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078114.D
Acq: 07 Jun 2023 19:27



Tgt Ion:180 Resp: 183379
Ion Ratio Lower Upper
180 100
182 93.4 46.2 138.6
145 34.7 17.5 52.6

