

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076674.D
 Acq On : 14 Feb 2023 20:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 15 03:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2023
 Supervised By : Mahesh Dadoda 02/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	340282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	619975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	581242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	298251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251873	53.604	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.200%			
35) Dibromofluoromethane	8.172	113	199597	49.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	10.572	98	799064	52.699	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.854	95	279883	55.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	174143	48.196	ug/l	97
3) Chloromethane	2.378	50	208164	44.158	ug/l	97
4) Vinyl Chloride	2.525	62	230235	49.625	ug/l	98
5) Bromomethane	2.943	94	135151	48.076	ug/l	88
6) Chloroethane	3.119	64	153075	52.207	ug/l	98
7) Trichlorofluoromethane	3.507	101	291832	46.230	ug/l	97
8) Diethyl Ether	3.972	74	118268	48.620	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.378	101	175039	47.191	ug/l	99
10) Methyl Iodide	4.601	142	238332	52.031	ug/l	96
11) Tert butyl alcohol	5.537	59	161722	260.747	ug/l	98
12) 1,1-Dichloroethene	4.354	96	165749	47.191	ug/l	98
13) Acrolein	4.190	56	233385	250.642	ug/l	99
14) Allyl chloride	5.037	41	337464	55.451	ug/l	90
15) Acrylonitrile	5.731	53	553648	251.528	ug/l	99
16) Acetone	4.443	43	443429	211.268	ug/l	98
17) Carbon Disulfide	4.725	76	438280	47.261	ug/l	95
18) Methyl Acetate	5.043	43	348630	50.887	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	626901	52.940	ug/l	97
20) Methylene Chloride	5.284	84	209501	47.626	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	185559	46.933	ug/l	91
22) Diisopropyl ether	6.684	45	778709	54.554	ug/l	98
23) Vinyl Acetate	6.613	43	2502950	296.364	ug/l	98
24) 1,1-Dichloroethane	6.578	63	380256	48.607	ug/l	97
25) 2-Butanone	7.489	43	752566	243.075	ug/l	99
26) 2,2-Dichloropropane	7.501	77	274433	48.635	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	231050	49.270	ug/l	97
28) Bromochloromethane	7.819	49	188363	50.590	ug/l	94
29) Tetrahydrofuran	7.842	42	513424	253.819	ug/l	99
30) Chloroform	7.972	83	393336	50.323	ug/l	99
31) Cyclohexane	8.266	56	358587	48.650	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	337318	51.328	ug/l	99
36) 1,1-Dichloropropene	8.378	75	288502	49.181	ug/l	99
37) Ethyl Acetate	7.566	43	318343	51.578	ug/l	98
38) Carbon Tetrachloride	8.372	117	283941	47.982	ug/l	98
39) Methylcyclohexane	9.607	83	340576	51.076	ug/l	95
40) Benzene	8.613	78	898362	49.869	ug/l	98

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 VSTDC0050EC

Manual Integrations
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	182884	51.149	ug/l	98
42) 1,2-Dichloroethane	8.678	62	304985	48.542	ug/l	99
43) Isopropyl Acetate	8.695	43	533676	53.138	ug/l	99
44) Trichloroethene	9.354	130	207887	48.834	ug/l	98
45) 1,2-Dichloropropane	9.625	63	241056	50.549	ug/l	99
46) Dibromomethane	9.713	93	149356	48.990	ug/l	97
47) Bromodichloromethane	9.889	83	310487	50.797	ug/l	93
48) Methyl methacrylate	9.683	41	248869	52.220	ug/l	98
49) 1,4-Dioxane	9.695	88	87411	1060.310	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1659585	259.716	ug/l	100
52) Toluene	10.630	92	575038	52.871	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	324635	55.026	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	354398	52.078	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	220892	49.946	ug/l	97
56) Ethyl methacrylate	10.877	69	349073	56.075	ug/l	96
57) 1,3-Dichloropropane	11.166	76	389098	51.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	772303	270.891	ug/l	98
59) 2-Hexanone	11.195	43	1204047	261.328	ug/l	99
60) Dibromochloromethane	11.360	129	238342	51.134	ug/l	100
61) 1,2-Dibromoethane	11.472	107	222371	50.233	ug/l	97
64) Tetrachloroethene	11.107	164	175342	47.869	ug/l	98
65) Chlorobenzene	11.895	112	605361	49.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	215043	48.062	ug/l	96
67) Ethyl Benzene	11.966	91	1096655	52.257	ug/l	99
68) m/p-Xylenes	12.071	106	859767	106.286	ug/l	98
69) o-Xylene	12.401	106	423757	53.714	ug/l	99
70) Styrene	12.413	104	704360	55.212	ug/l	99
71) Bromoform	12.583	173	168913	51.467	ug/l #	99
73) Isopropylbenzene	12.695	105	1107152	50.646	ug/l	100
74) N-amyl acetate	12.495	43	493198	50.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	348211	44.005	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	283819m	47.069	ug/l	
77) Bromobenzene	12.983	156	259563	47.590	ug/l	98
78) n-propylbenzene	13.036	91	1326103	51.659	ug/l	100
79) 2-Chlorotoluene	13.124	91	752365	47.868	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	922572	51.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	101778	49.162	ug/l	87
82) 4-Chlorotoluene	13.124	91	752365	47.868	ug/l	100
83) tert-Butylbenzene	13.442	119	831937	50.903	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	934431	51.897	ug/l	99
85) sec-Butylbenzene	13.618	105	1192675	52.268	ug/l	100
86) p-Isopropyltoluene	13.730	119	979261	53.743	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	492258	47.745	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	487672	47.499	ug/l	99
89) n-Butylbenzene	14.060	91	852153	53.771	ug/l	99
90) Hexachloroethane	14.336	117	179763	47.118	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	504029	47.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	64166	41.855	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	279466	53.005	ug/l	98
94) Hexachlorobutadiene	15.507	225	122550	47.425	ug/l	99
95) Naphthalene	15.642	128	872733	54.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	261433	51.181	ug/l	97

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

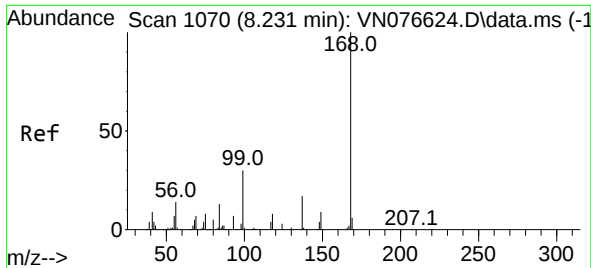
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/15/2023

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



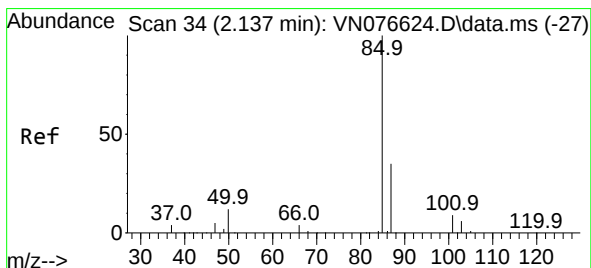
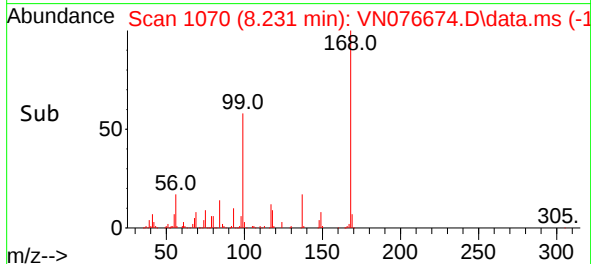
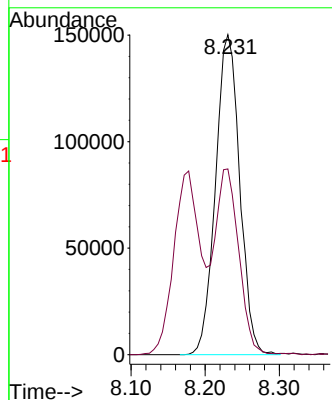
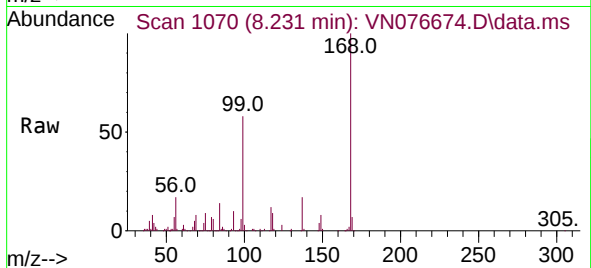
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 34028
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2

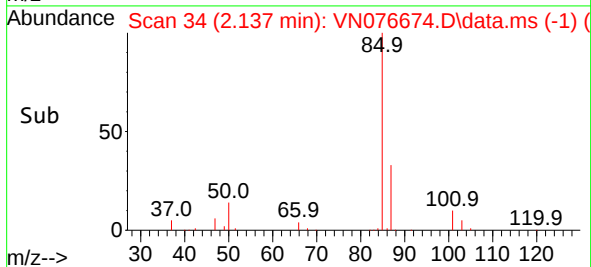
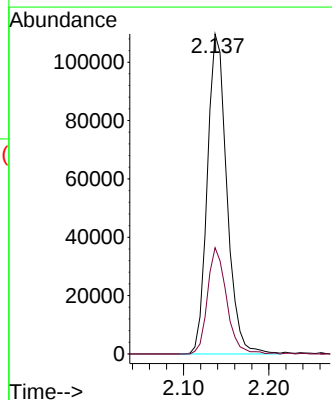
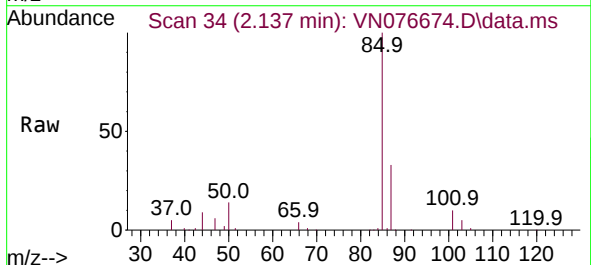
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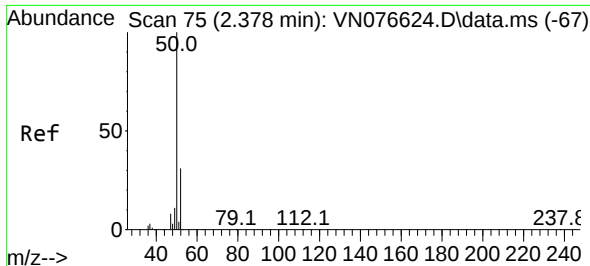
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#2
Dichlorodifluoromethane
Concen: 48.196 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

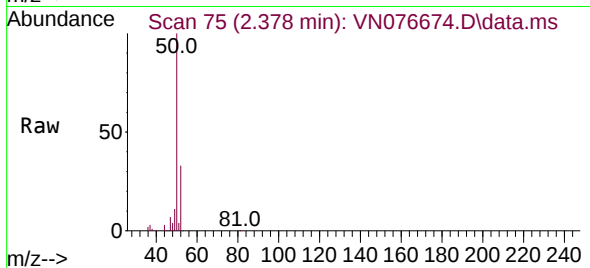
Tgt Ion: 85 Resp: 174143
Ion Ratio Lower Upper
85 100
87 33.2 17.4 52.2





#3
Chloromethane
Concen: 44.158 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

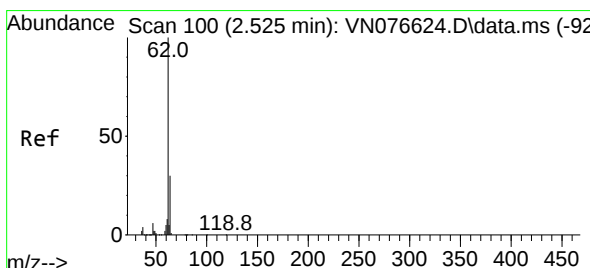
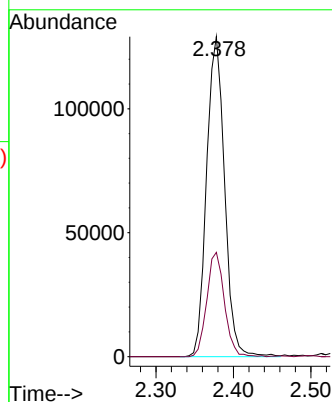
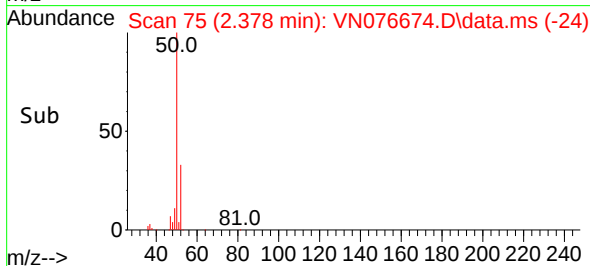
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



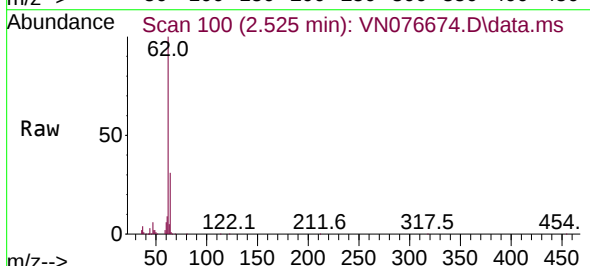
Tgt Ion: 50 Resp: 208164
Ion Ratio Lower Upper
50 100
52 32.6 24.7 37.1

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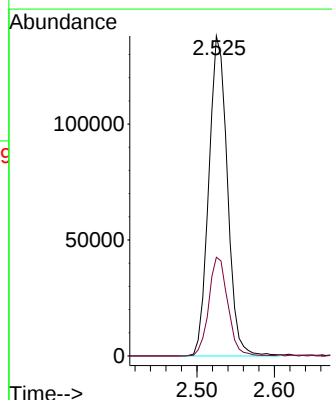
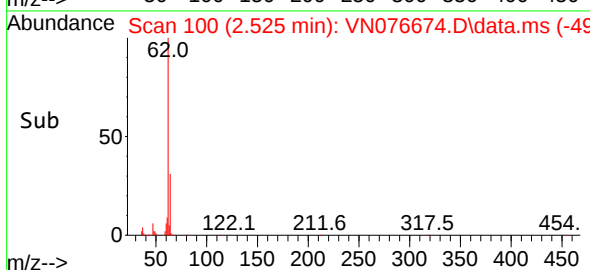
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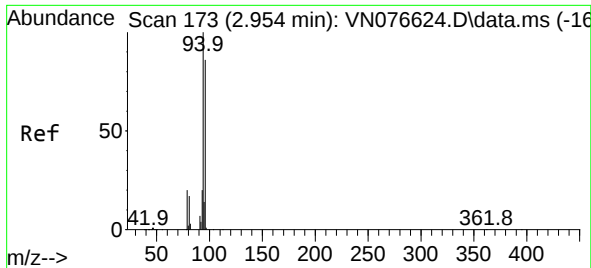


#4
Vinyl Chloride
Concen: 49.625 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



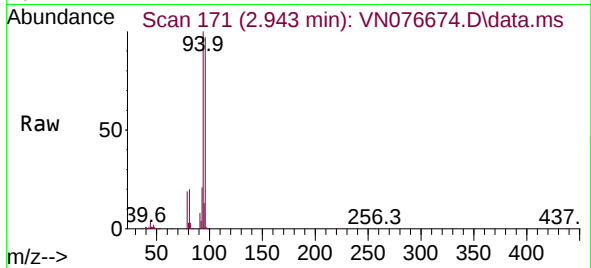
Tgt Ion: 62 Resp: 230235
Ion Ratio Lower Upper
62 100
64 30.9 23.9 35.9





#5
Bromomethane
Concen: 48.076 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

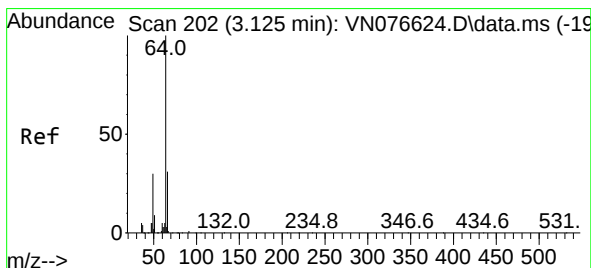
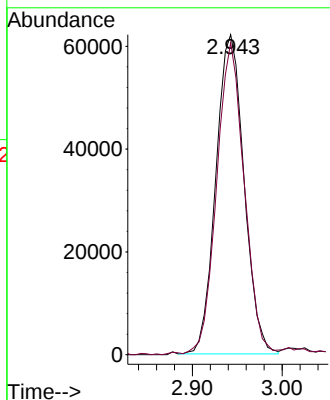
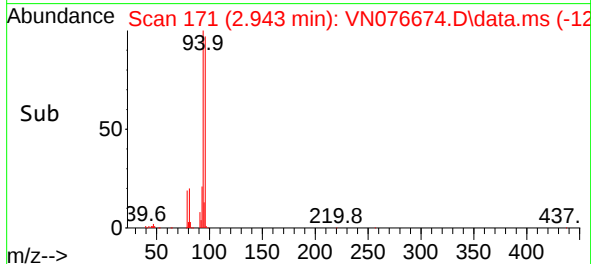
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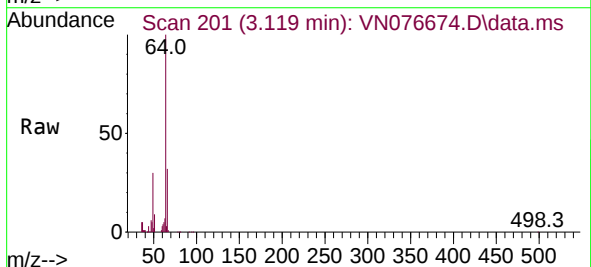
Tgt Ion: 94 Resp: 13515
Ion Ratio Lower Upper
94 100
96 97.1 69.0 103.4

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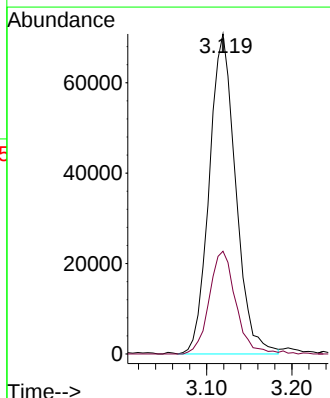
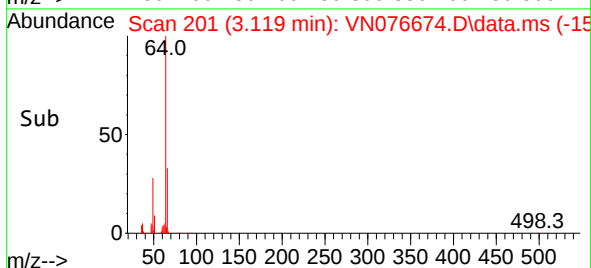
Reviewed By :John Carlone 02/15/2023
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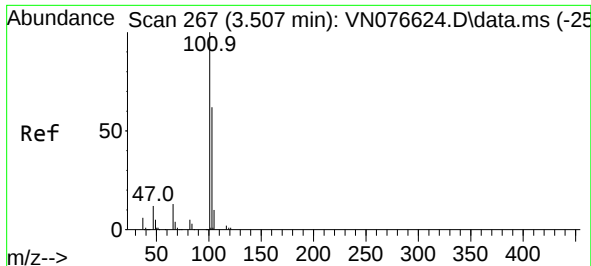


#6
Chloroethane
Concen: 52.207 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



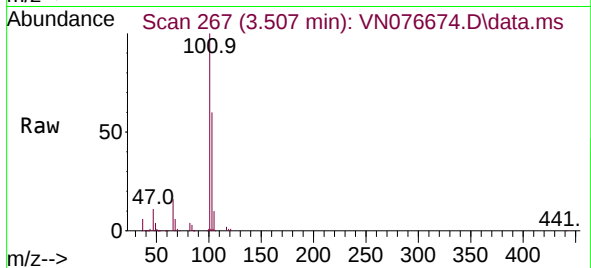
Tgt Ion: 64 Resp: 153075
Ion Ratio Lower Upper
64 100
66 32.1 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 46.230 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN076674.D
 Acq: 14 Feb 2023 20:36

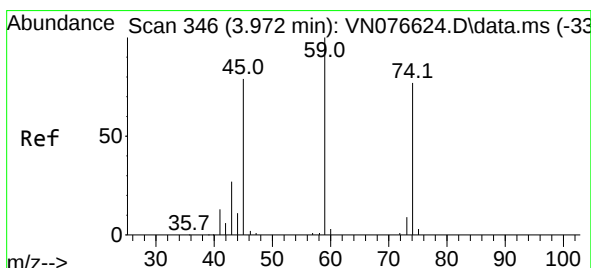
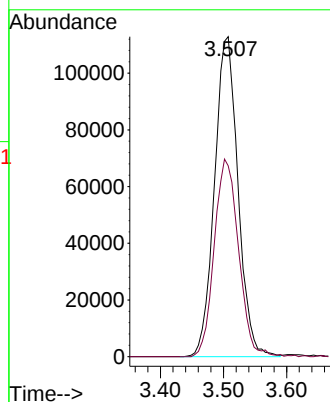
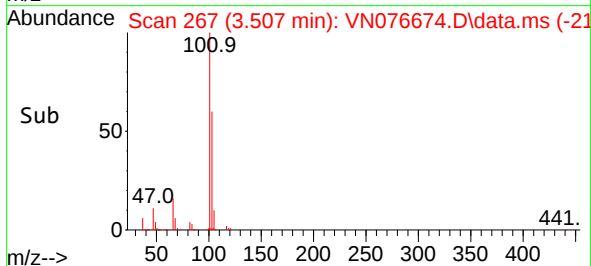
Instrument :
 MSVOA_N
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 VSTDCCC050EC



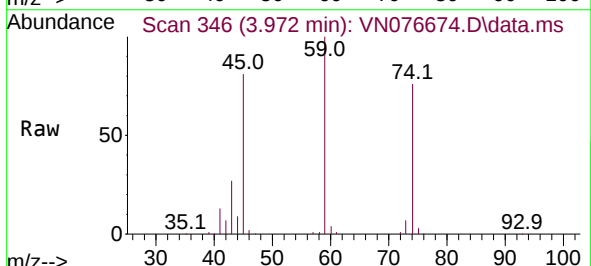
Tgt Ion:101 Resp: 291832
 Ion Ratio Lower Upper
 101 100
 103 59.6 49.4 74.2

Manual Integrations
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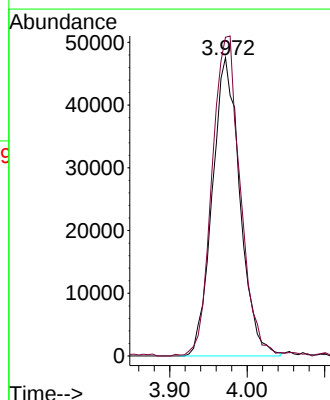
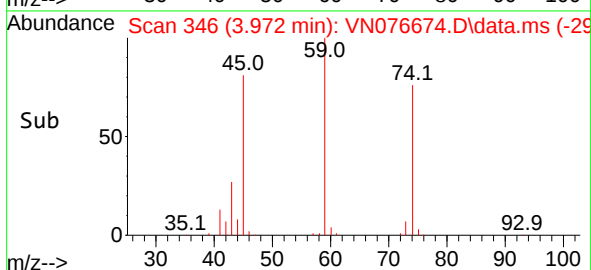
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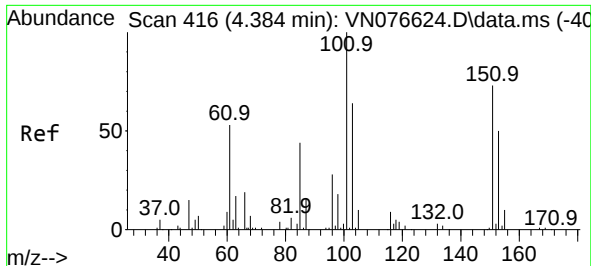


#8
 Diethyl Ether
 Concen: 48.620 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076674.D
 Acq: 14 Feb 2023 20:36



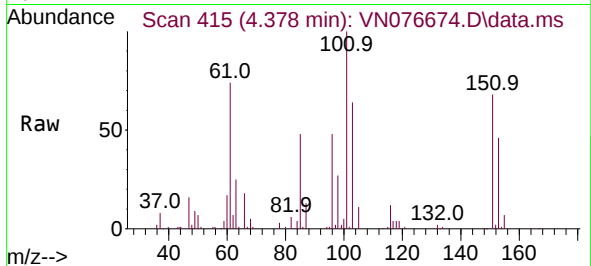
Tgt Ion: 74 Resp: 118268
 Ion Ratio Lower Upper
 74 100
 45 109.4 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.191 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

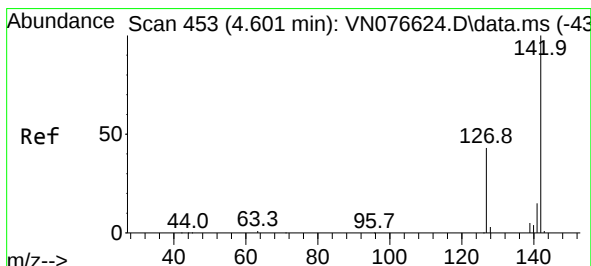
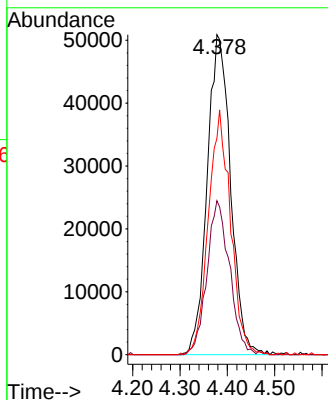
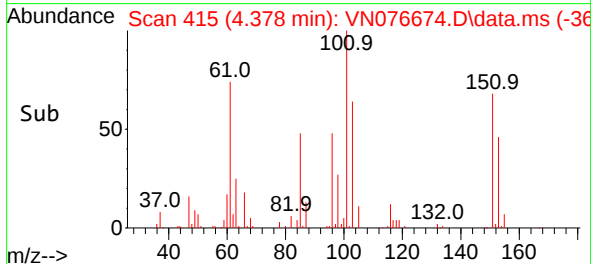
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 175039
Ion Ratio Lower Upper
101 100
85 46.3 37.4 56.0
151 72.2 58.7 88.1

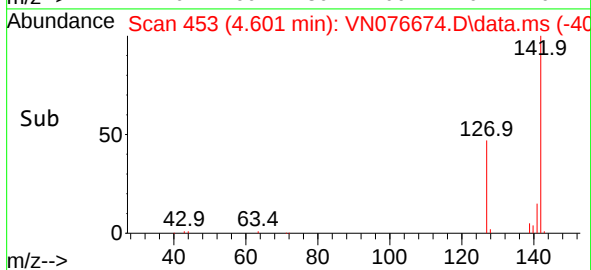
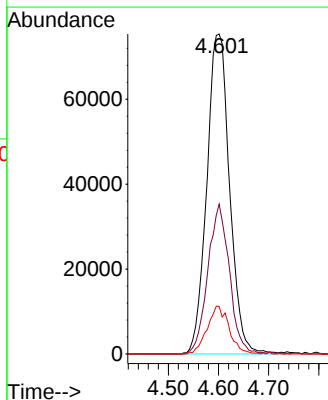
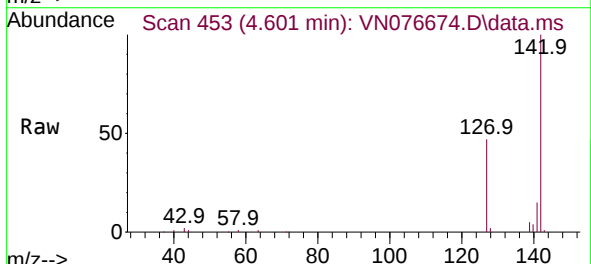
Manual Integrations
APPROVED

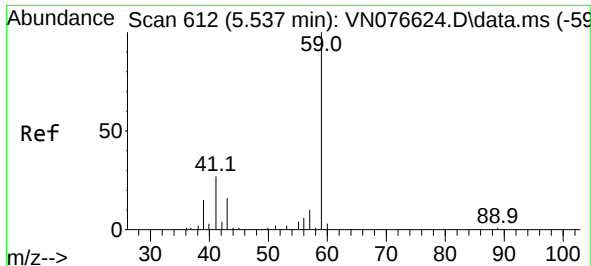
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#10
Methyl Iodide
Concen: 52.031 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

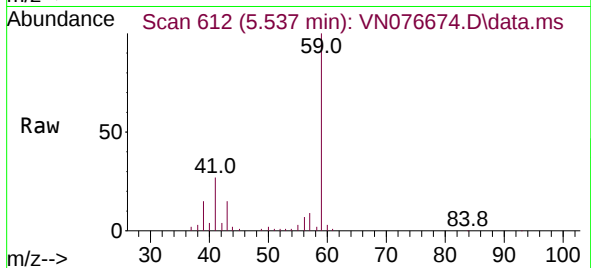
Tgt Ion:142 Resp: 238332
Ion Ratio Lower Upper
142 100
127 46.8 34.6 51.8
141 14.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 260.747 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

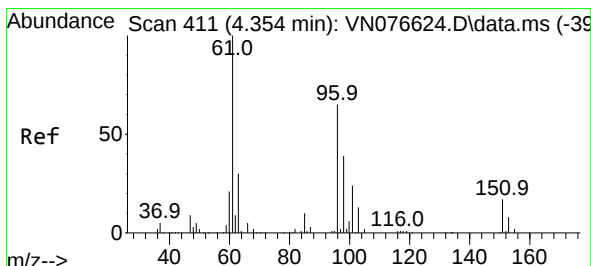
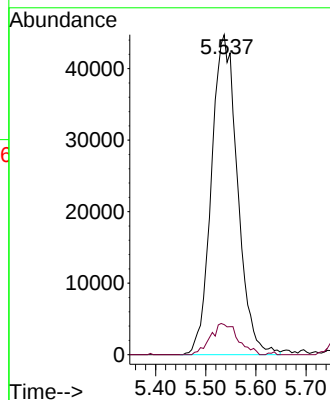
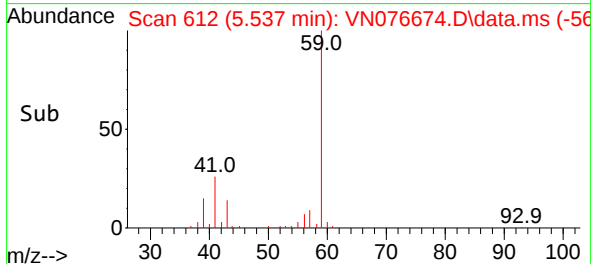
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



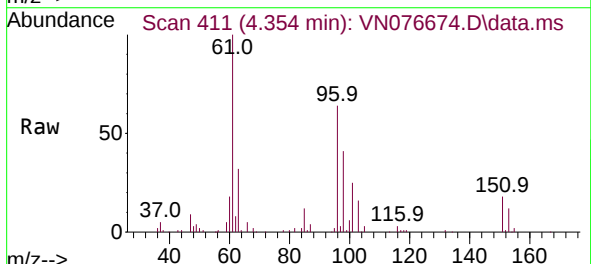
Tgt Ion: 59 Resp: 161722
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

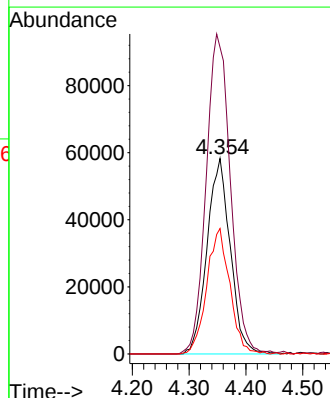
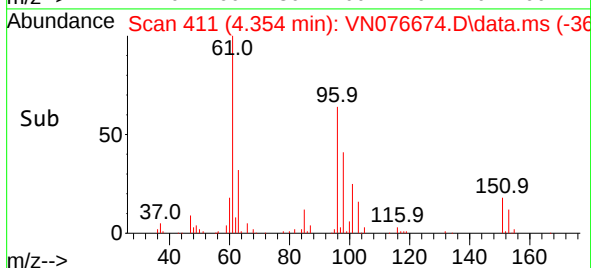
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

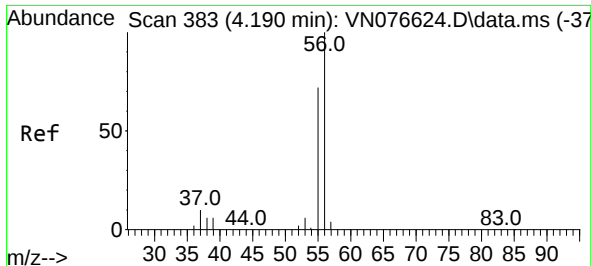


#12
1,1-Dichloroethene
Concen: 47.191 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



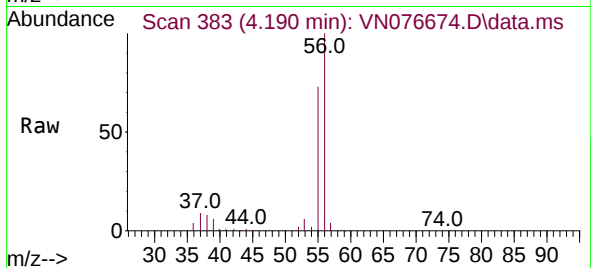
Tgt Ion: 96 Resp: 165749
Ion Ratio Lower Upper
96 100
61 156.4 123.8 185.6
98 64.2 48.4 72.6





#13
Acrolein
Concen: 250.642 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

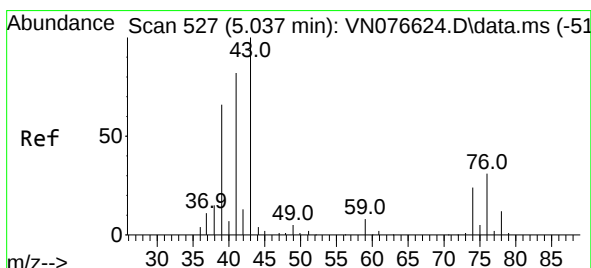
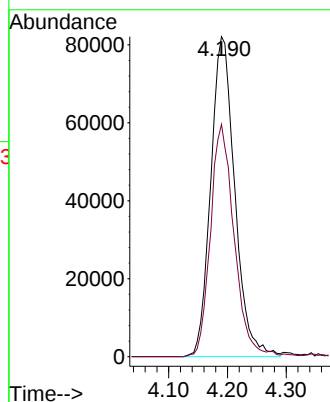
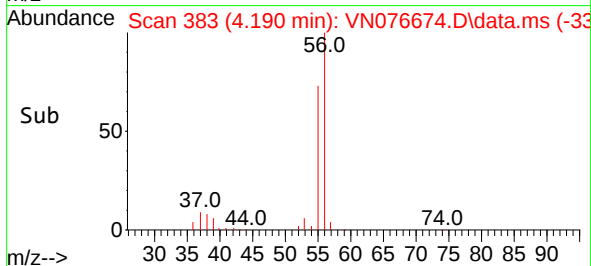
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 233385
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

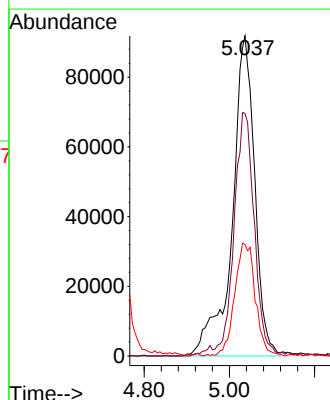
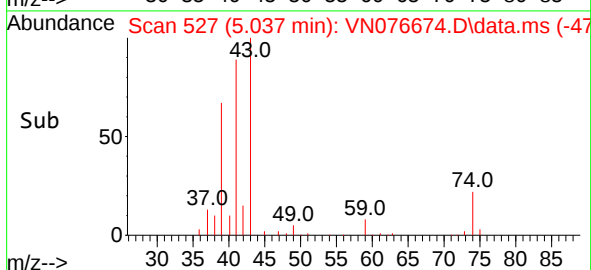
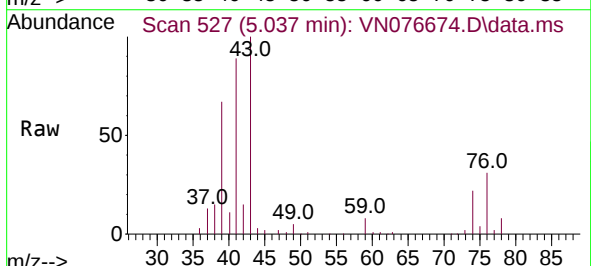
Manual Integrations
APPROVED

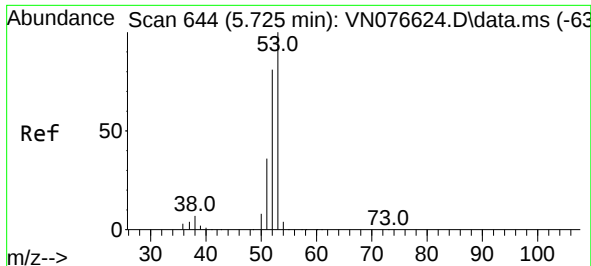
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#14
Allyl chloride
Concen: 55.451 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

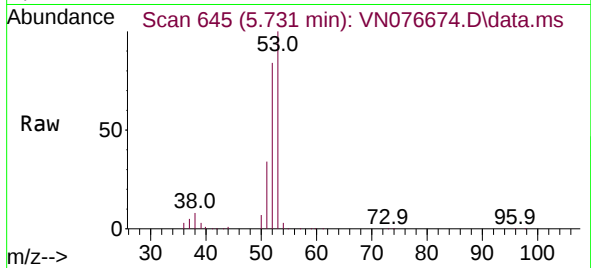
Tgt Ion: 41 Resp: 337464
Ion Ratio Lower Upper
41 100
39 67.0 62.3 93.5
76 32.2 27.0 40.6





#15
Acrylonitrile
Concen: 251.528 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

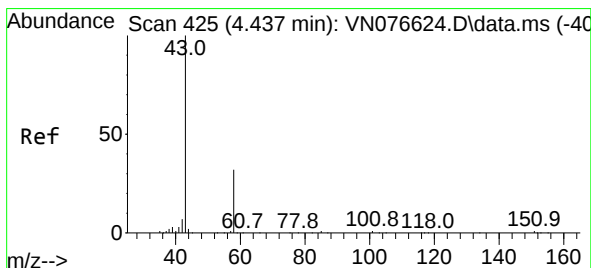
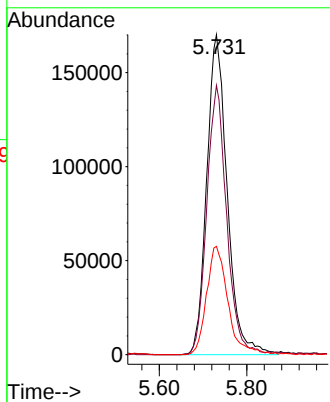
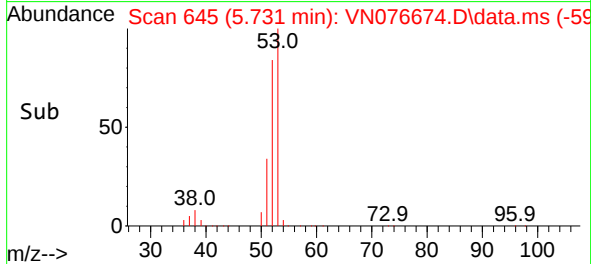
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



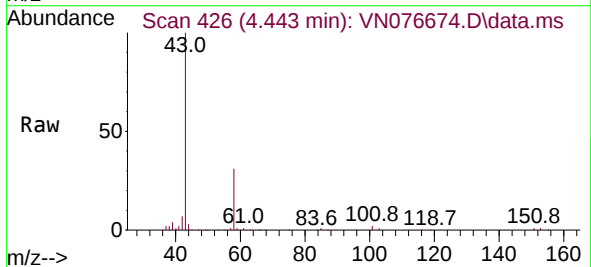
Tgt Ion: 53 Resp: 553648
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.4 29.2 43.8

Manual Integrations
APPROVED

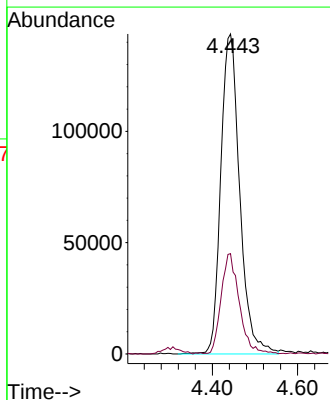
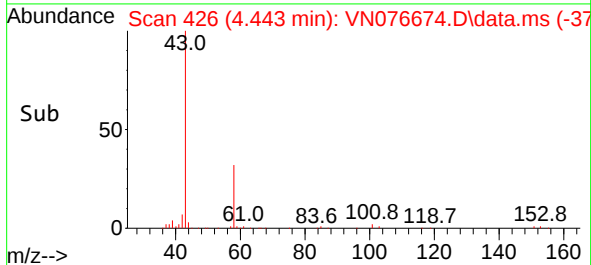
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

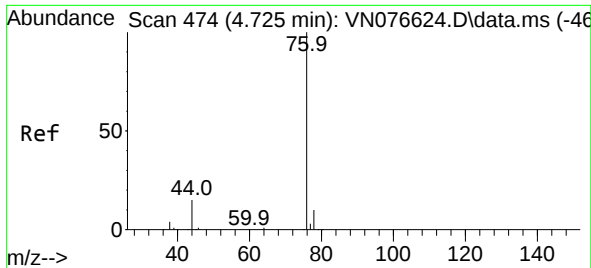


#16
Acetone
Concen: 211.268 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



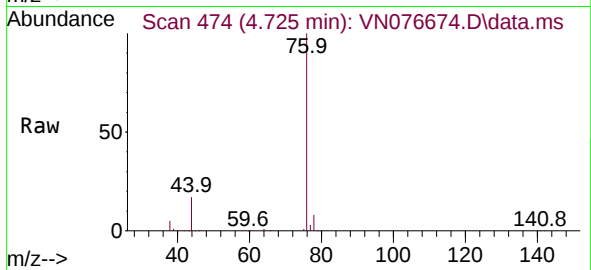
Tgt Ion: 43 Resp: 443429
Ion Ratio Lower Upper
43 100
58 31.2 25.9 38.9





#17
Carbon Disulfide
Concen: 47.261 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

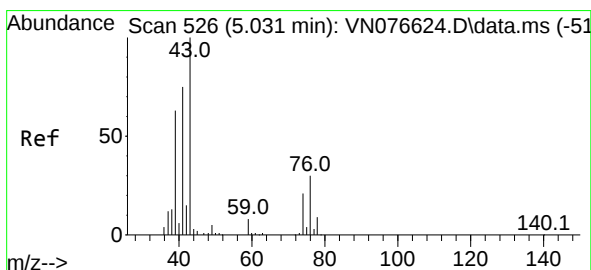
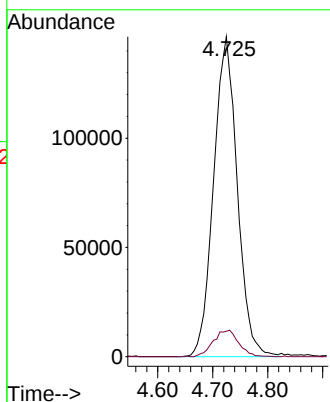
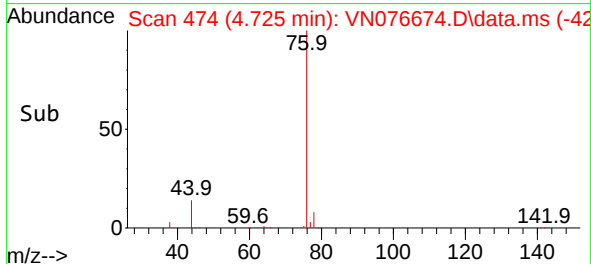
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



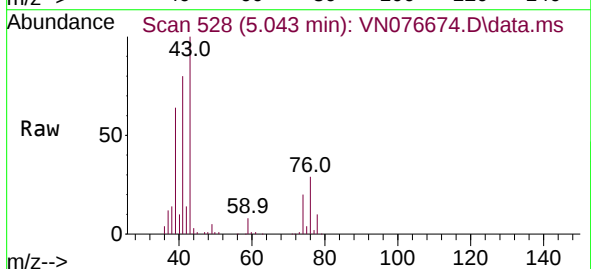
Tgt Ion: 76 Resp: 438280
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8

Manual Integrations
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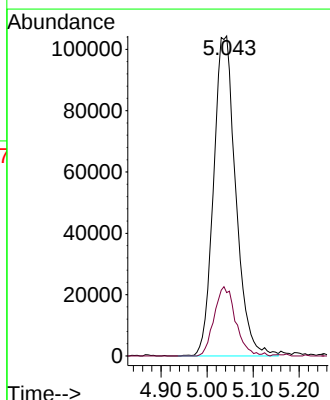
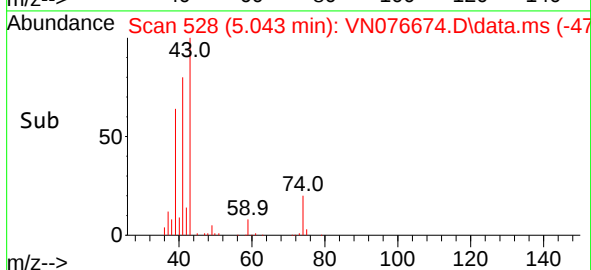
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

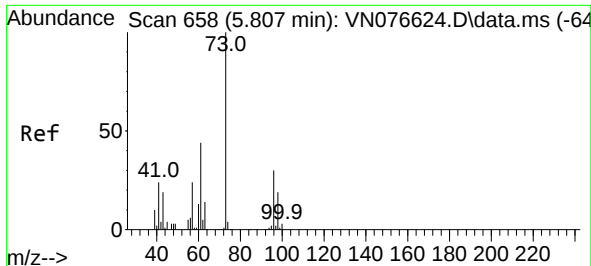


#18
Methyl Acetate
Concen: 50.887 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



Tgt Ion: 43 Resp: 348630
Ion Ratio Lower Upper
43 100
74 21.1 17.7 26.5





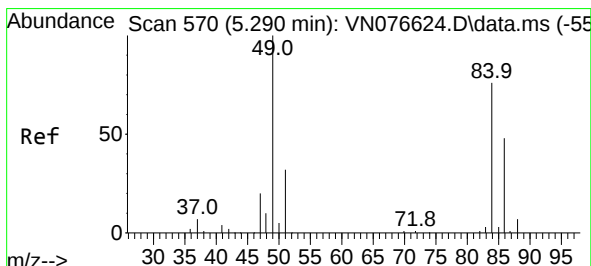
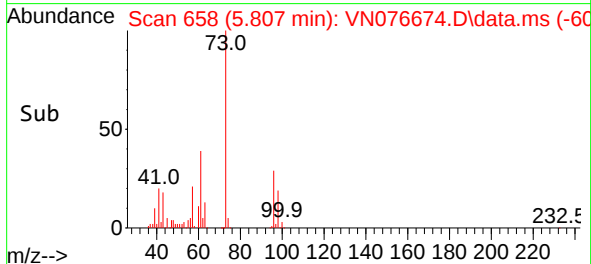
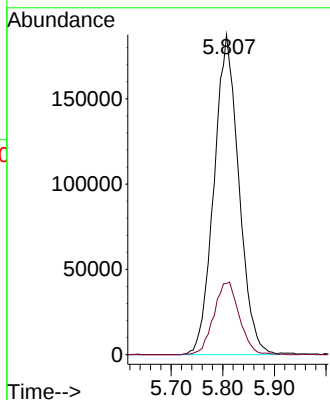
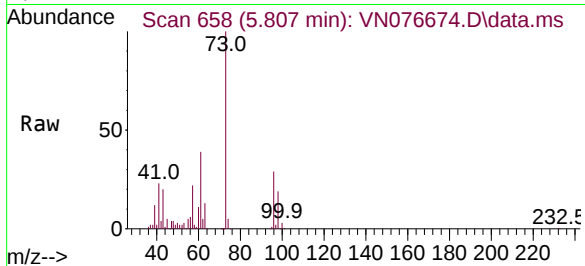
#19
Methyl tert-butyl Ether
Concen: 52.940 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 62690
Ion Ratio Lower Upper
73 100
57 22.2 19.0 28.4

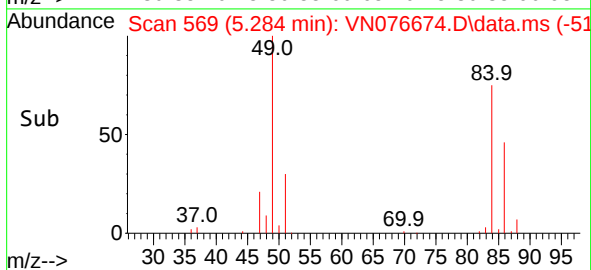
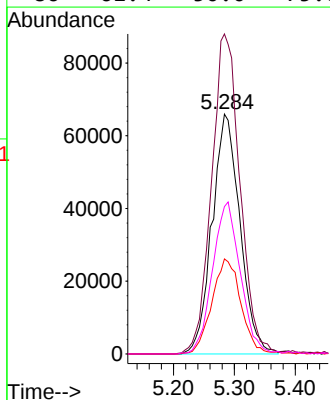
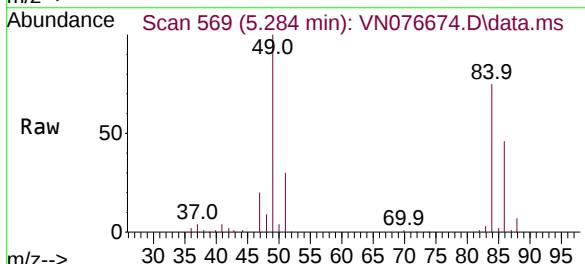
Manual Integrations
APPROVED

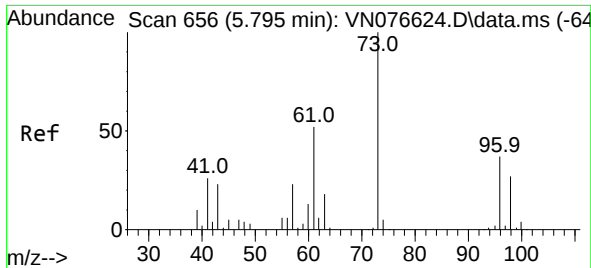
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#20
Methylene Chloride
Concen: 47.626 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion: 84 Resp: 209501
Ion Ratio Lower Upper
84 100
49 133.1 104.9 157.3
51 39.6 33.8 50.8
86 61.4 50.0 75.0





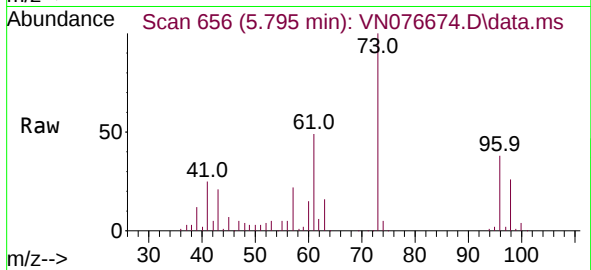
#21
trans-1,2-Dichloroethene
Concen: 46.933 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



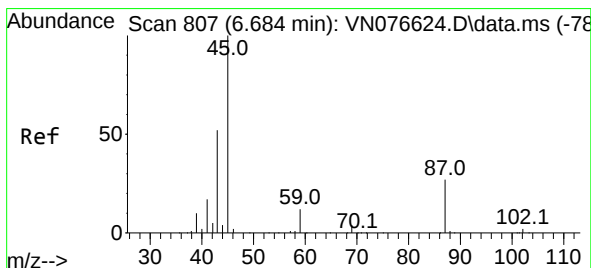
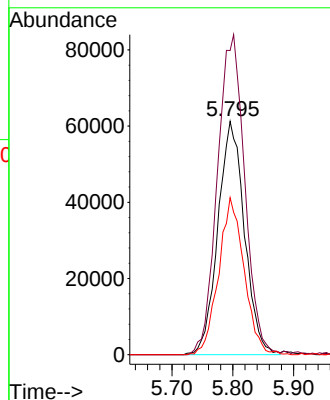
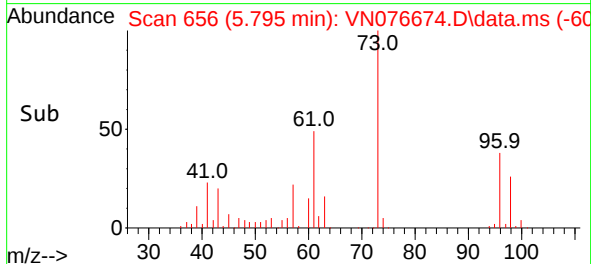
Tgt Ion: 96 Resp: 185559
Ion Ratio Lower Upper
96 100
61 130.4 113.9 170.9
98 67.3 59.4 89.0

Manual Integrations

APPROVED

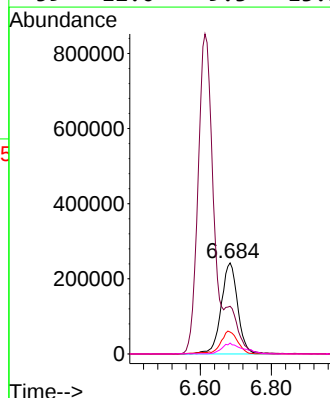
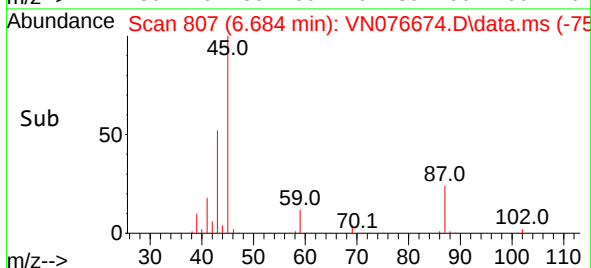
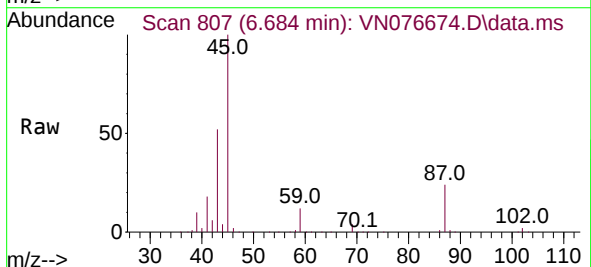
Reviewed By :John Carlone 02/15/2023

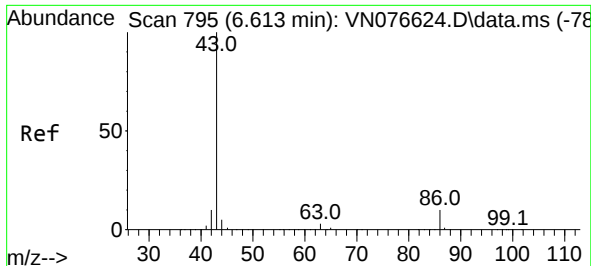
Supervised By :Mahesh Dadoda 02/15/2023



#22
Diisopropyl ether
Concen: 54.554 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

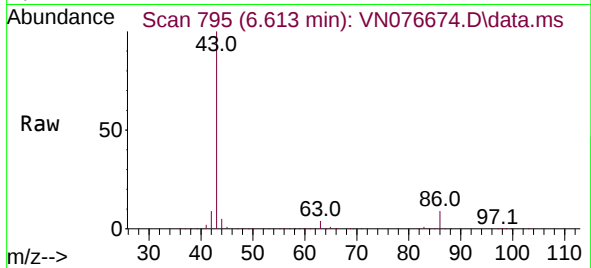
Tgt Ion: 45 Resp: 778709
Ion Ratio Lower Upper
45 100
43 51.9 41.8 62.6
87 24.0 21.8 32.8
59 12.0 9.3 13.9





#23
 Vinyl Acetate
 Concen: 296.364 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076674.D
 Acq: 14 Feb 2023 20:36

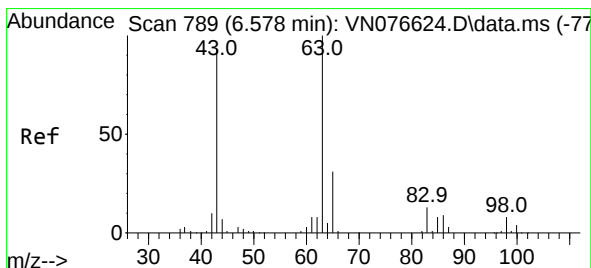
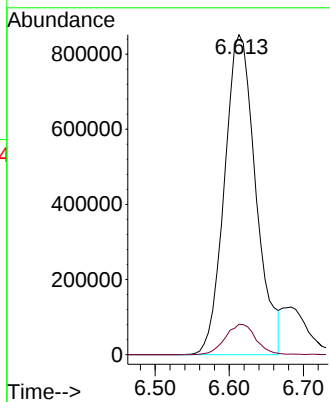
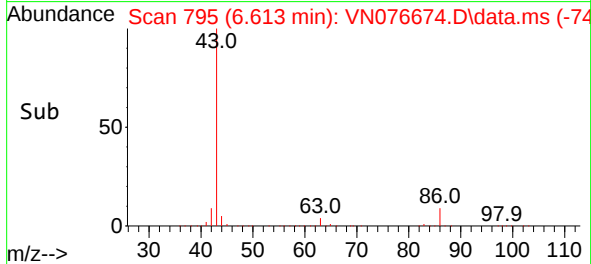
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



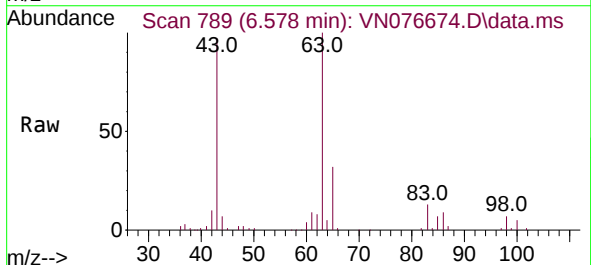
Tgt Ion: 43 Resp: 2502950
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2

Manual Integrations
 APPROVED

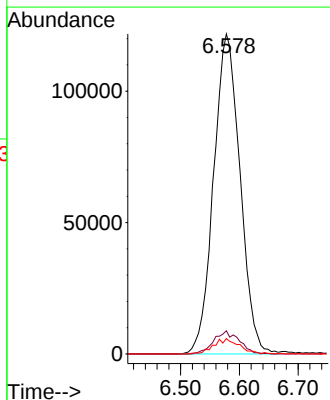
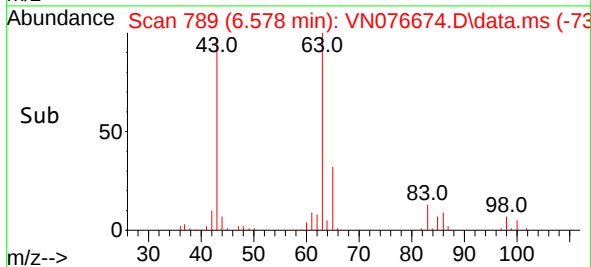
Reviewed By :John Carlone 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023

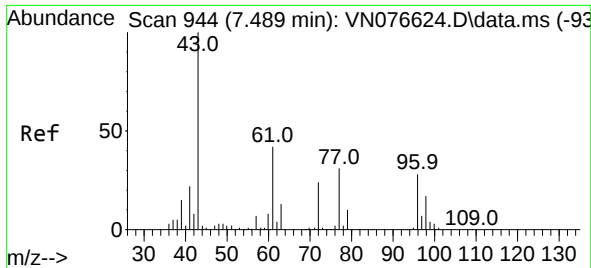


#24
 1,1-Dichloroethane
 Concen: 48.607 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076674.D
 Acq: 14 Feb 2023 20:36



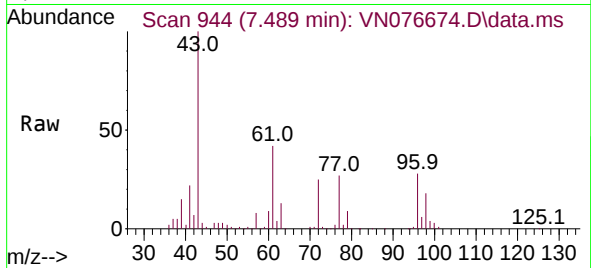
Tgt Ion: 63 Resp: 380256
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.1 12.3
 100 4.8 2.0 5.8





#25
2-Butanone
Concen: 243.075 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

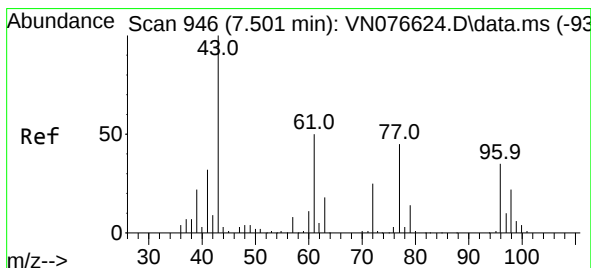
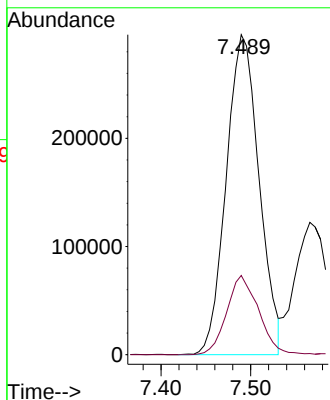
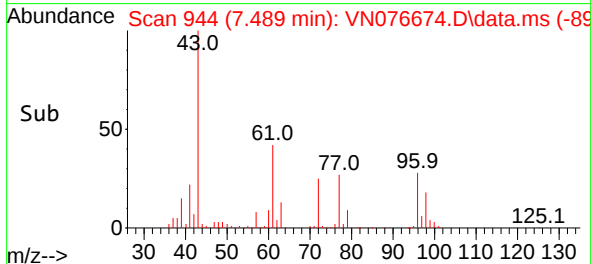
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 752560
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

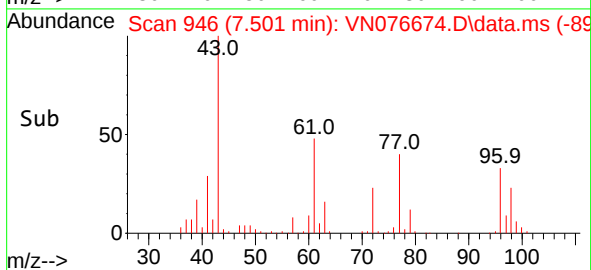
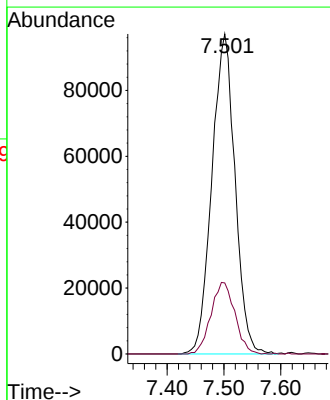
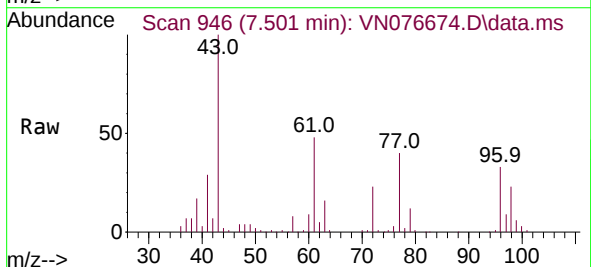
Manual Integrations
APPROVED

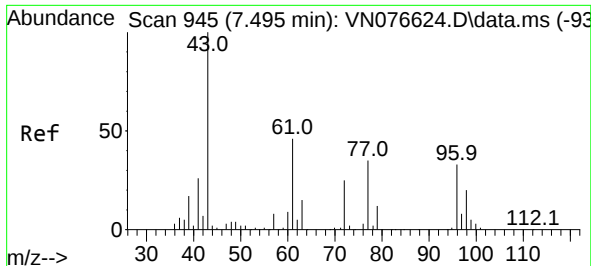
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#26
2,2-Dichloropropane
Concen: 48.635 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion: 77 Resp: 274433
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 49.270 ug/l

RT: 7.495 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN076674.D

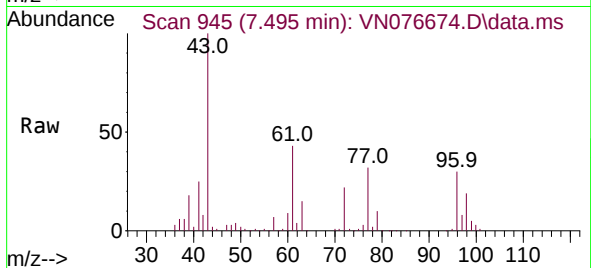
Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



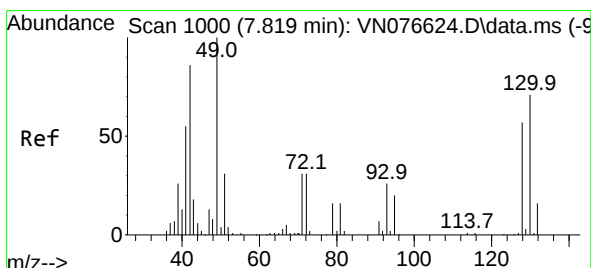
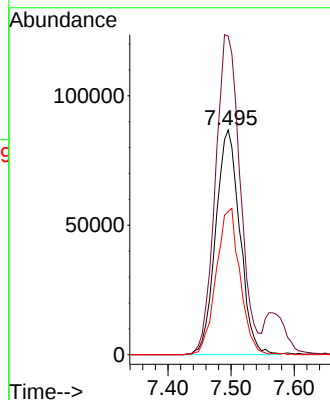
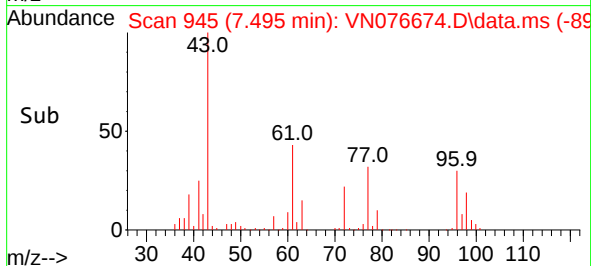
Tgt Ion:	96	Resp:	231050
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	286.8
98	64.5	0.0	124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#28

Bromochloromethane

Concen: 50.590 ug/l

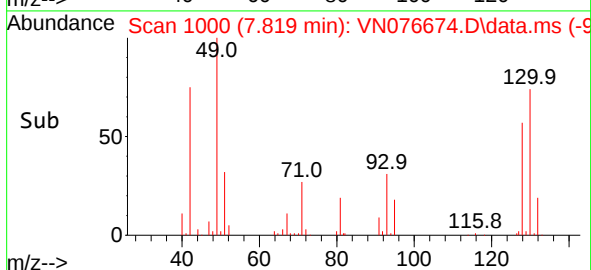
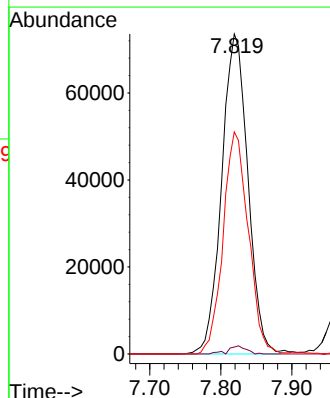
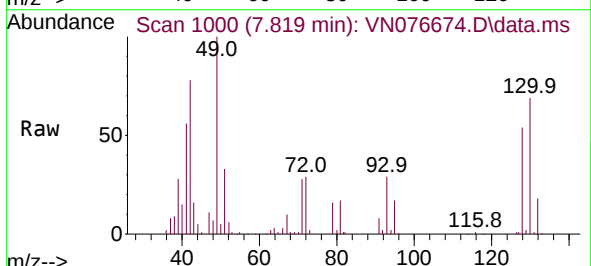
RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Tgt Ion:	49	Resp:	188363
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	66.9	57.8	86.8





#29

Tetrahydrofuran

Concen: 253.819 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076674.D

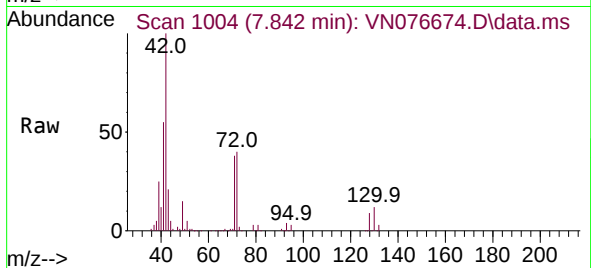
Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



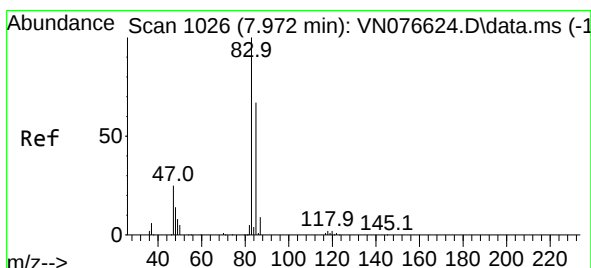
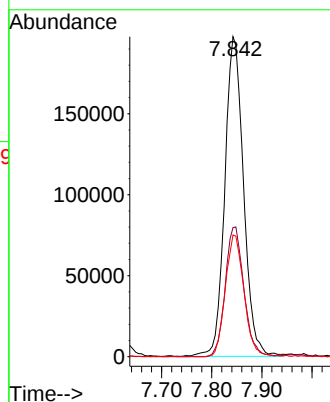
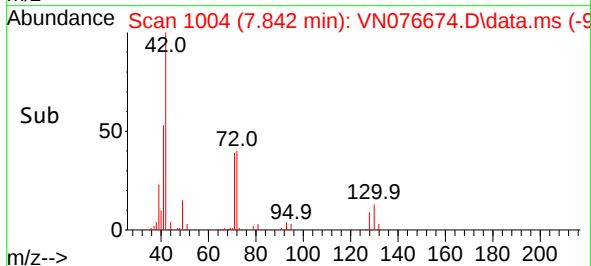
Tgt Ion:	42	Resp:	513424
Ion Ratio	Lower	Upper	
42	100		
72	40.3	31.5	47.3
71	37.8	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#30

Chloroform

Concen: 50.323 ug/l

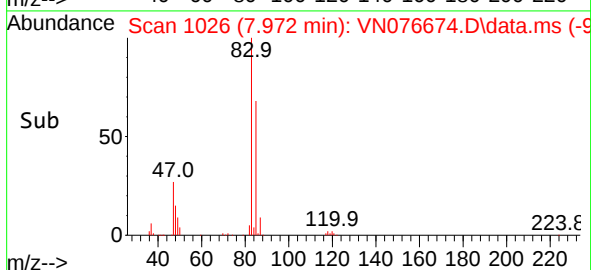
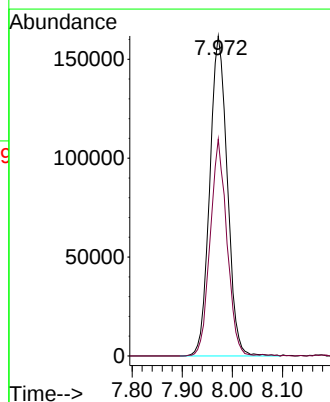
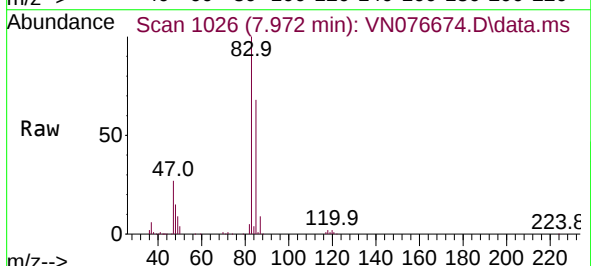
RT: 7.972 min Scan# 1026

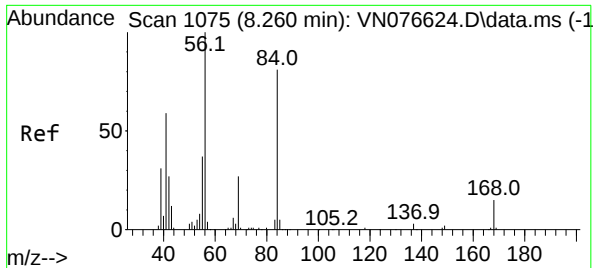
Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

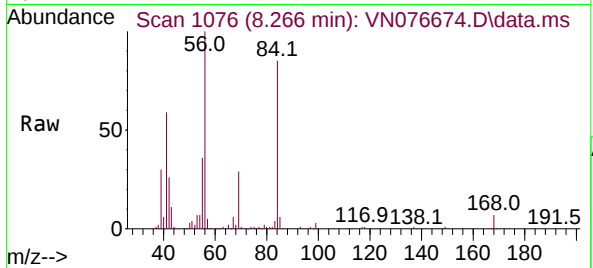
Tgt Ion:	83	Resp:	393336
Ion Ratio	Lower	Upper	
83	100		
85	67.8	53.5	80.3





#31
Cyclohexane
Concen: 48.650 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

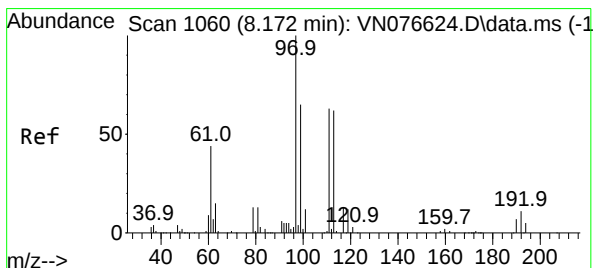
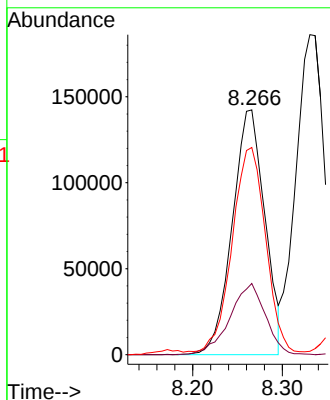
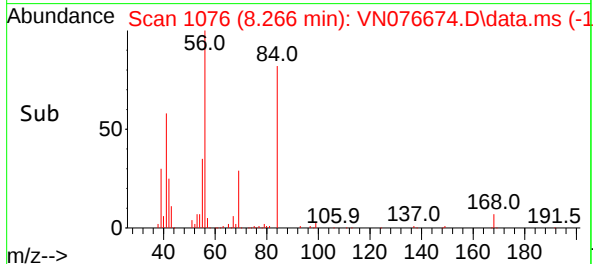
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



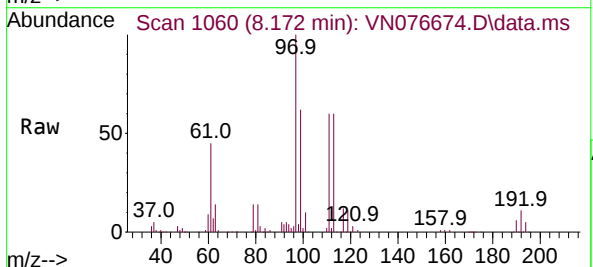
Tgt Ion: 56 Resp: 35858
Ion Ratio Lower Upper
56 100
69 29.0 21.6 32.4
84 82.9 65.1 97.7

Manual Integrations
APPROVED

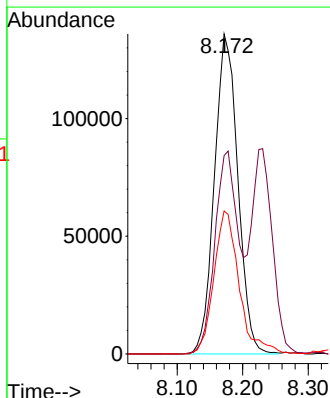
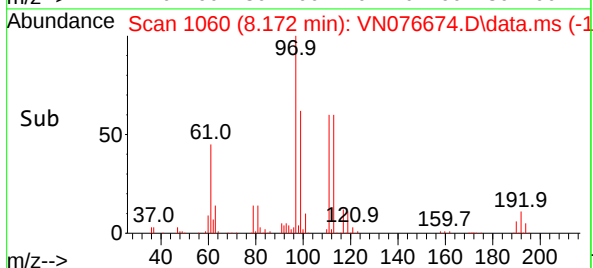
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

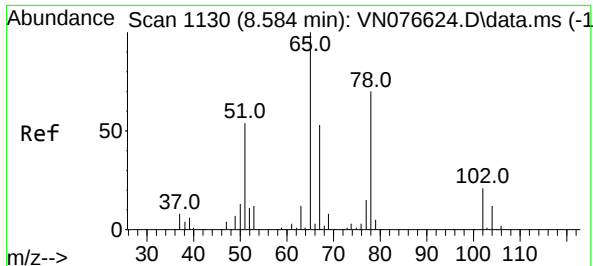


#32
1,1,1-Trichloroethane
Concen: 51.328 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



Tgt Ion: 97 Resp: 337318
Ion Ratio Lower Upper
97 100
99 62.4 51.2 76.8
61 48.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.604 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 25187

Ion Ratio Lower Upper

65 100

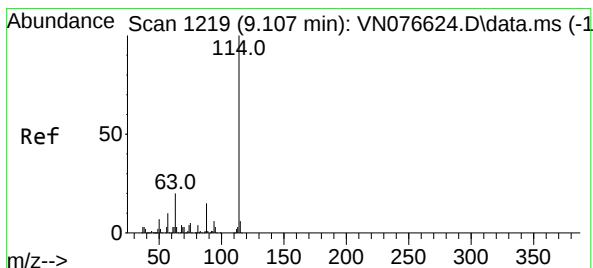
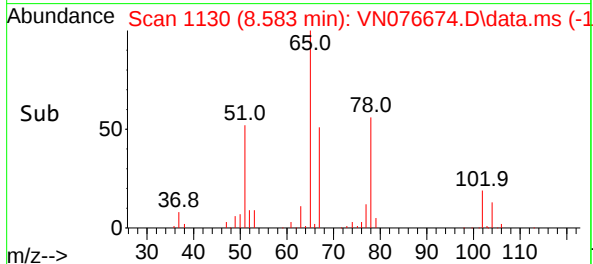
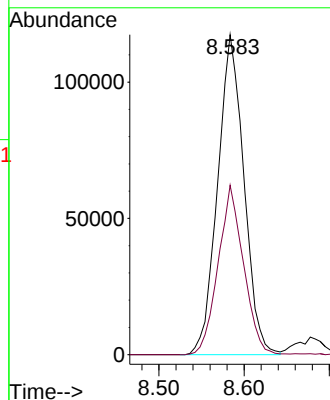
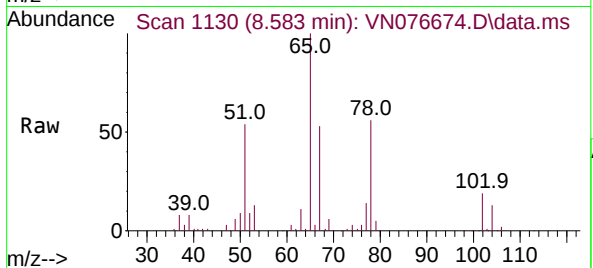
67 51.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

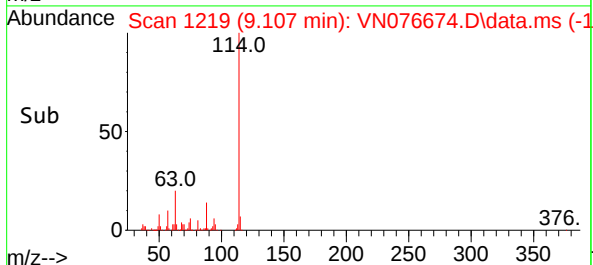
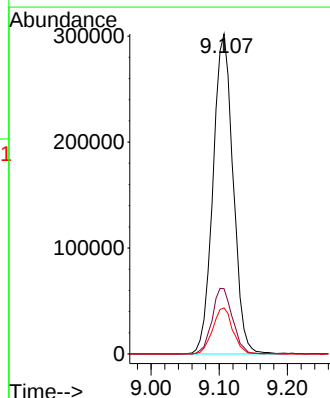
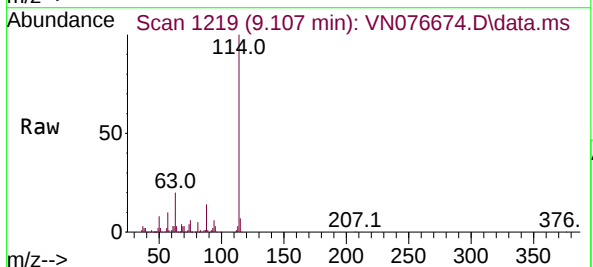
Tgt Ion:114 Resp: 619975

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.161 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 19959

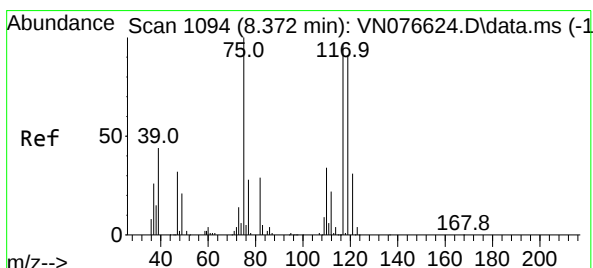
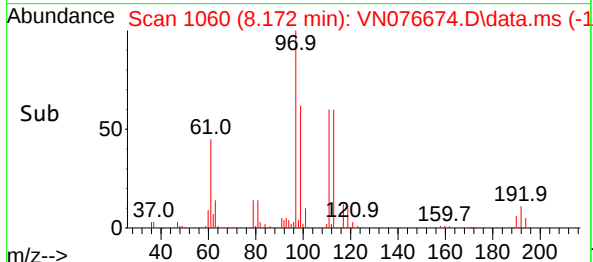
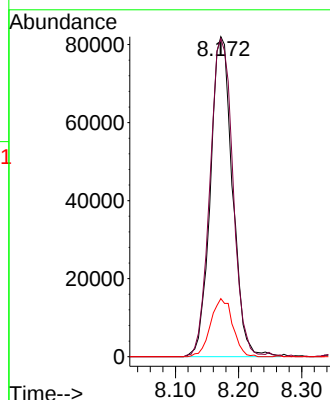
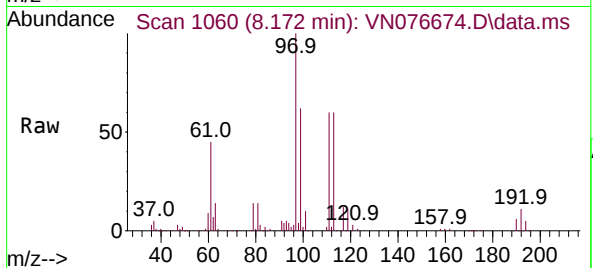
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	18.1	15.6	23.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 02/15/2023

Supervised By : Mahesh Dadoda 02/15/2023



#36

1,1-Dichloropropene

Concen: 49.181 ug/l

RT: 8.378 min Scan# 1095

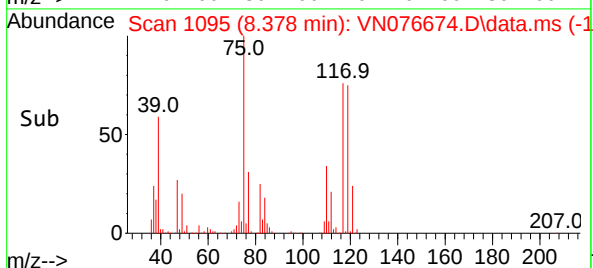
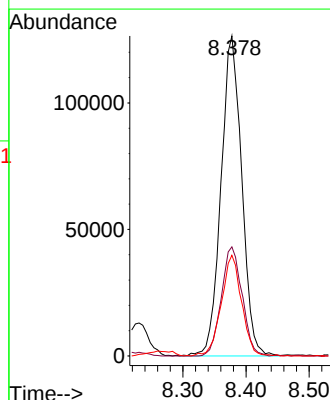
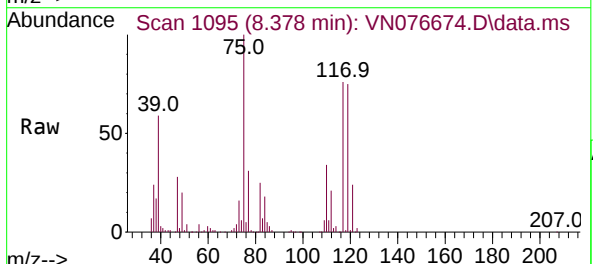
Delta R.T. 0.006 min

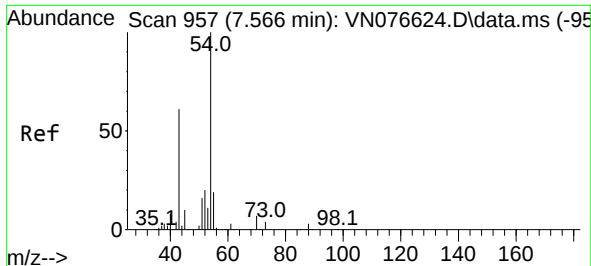
Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Tgt Ion: 75 Resp: 288502

Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.5	52.5
77	30.9	24.5	36.7





#37

Ethyl Acetate

Concen: 51.578 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 31834

Ion Ratio Lower Upper

43 100

61 11.6 9.9 14.9

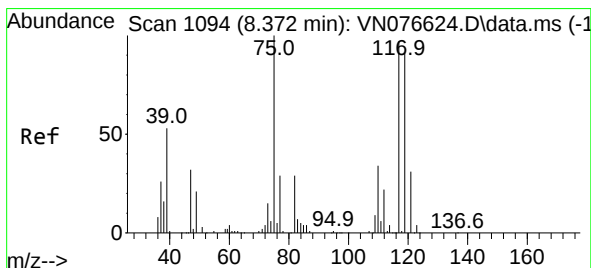
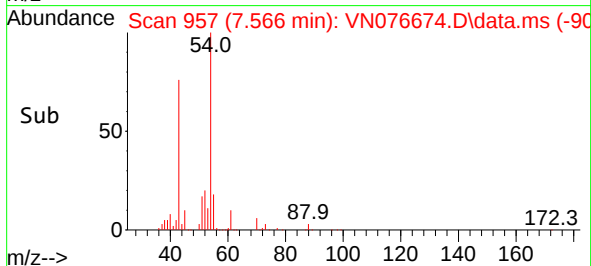
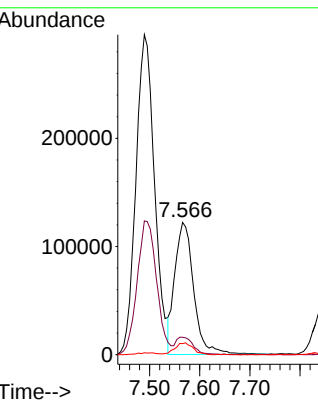
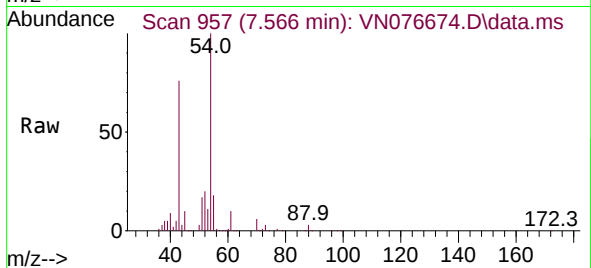
70 8.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#38

Carbon Tetrachloride

Concen: 47.982 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

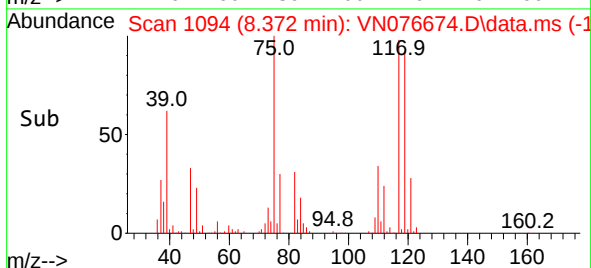
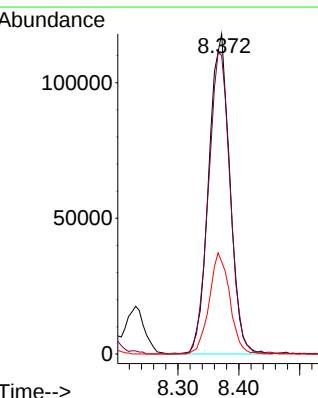
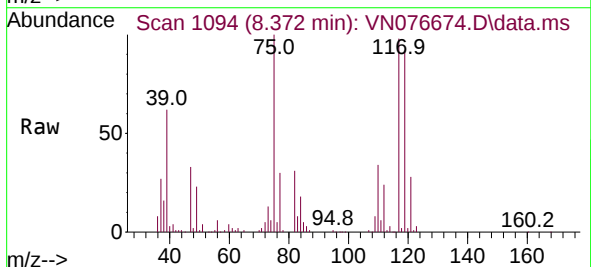
Tgt Ion:117 Resp: 283941

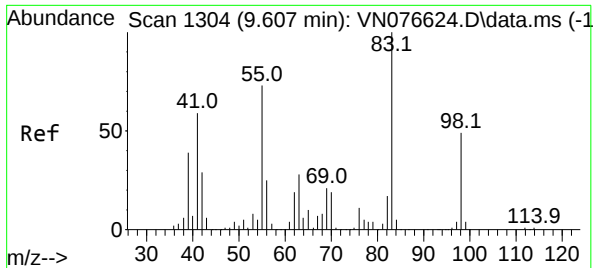
Ion Ratio Lower Upper

117 100

119 93.3 75.4 113.0

121 28.8 26.0 39.0





#39

Methylcyclohexane

Concen: 51.076 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 340570

Ion Ratio Lower Upper

83 100

55 79.6 58.6 88.0

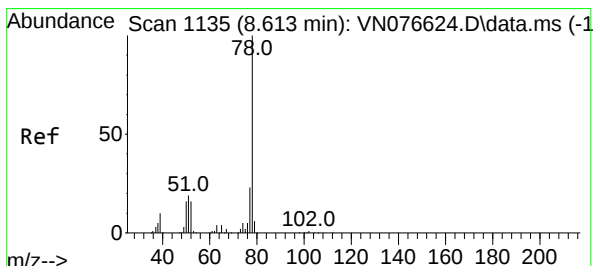
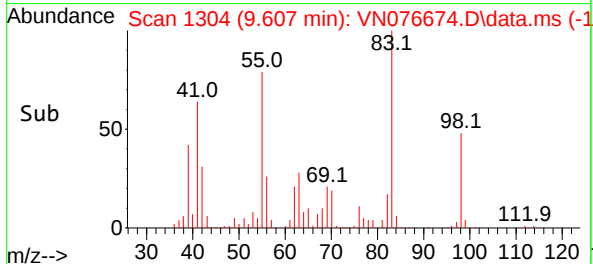
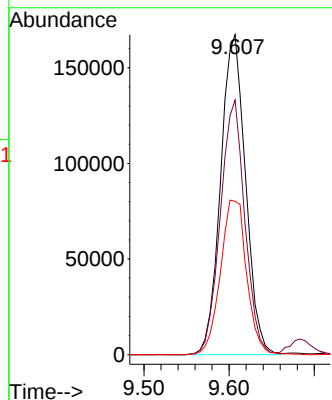
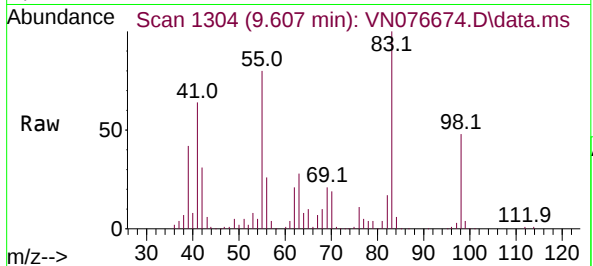
98 47.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#40

Benzene

Concen: 49.869 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076674.D

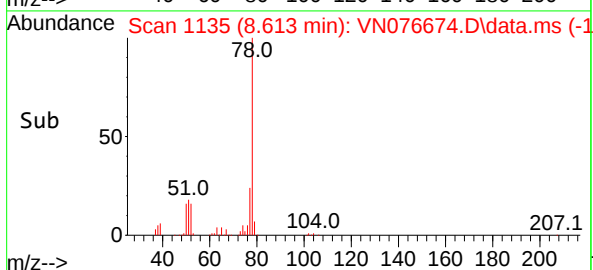
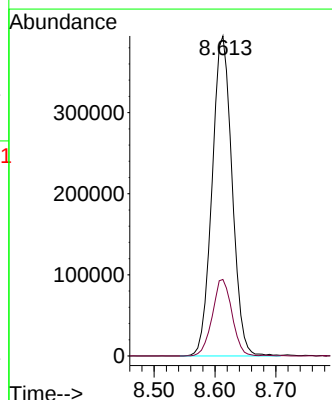
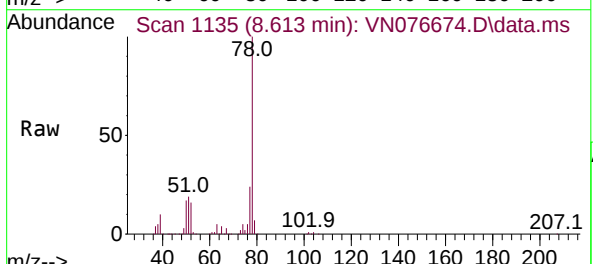
Acq: 14 Feb 2023 20:36

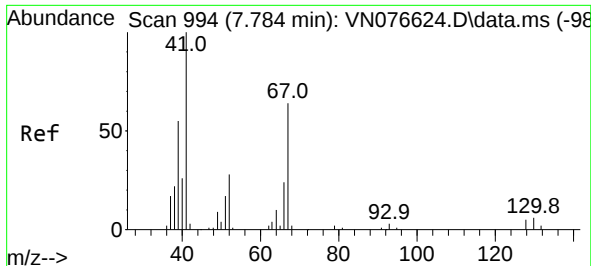
Tgt Ion: 78 Resp: 898362

Ion Ratio Lower Upper

78 100

77 23.9 18.2 27.4





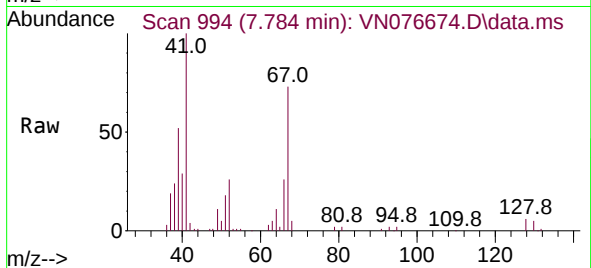
#41
Methacrylonitrile
Concen: 51.149 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



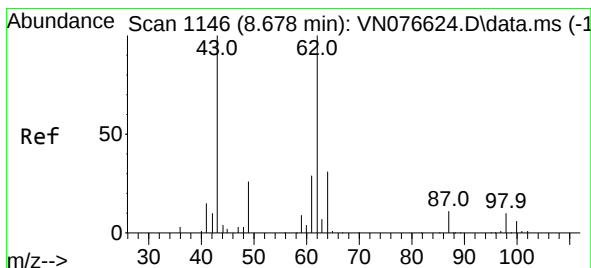
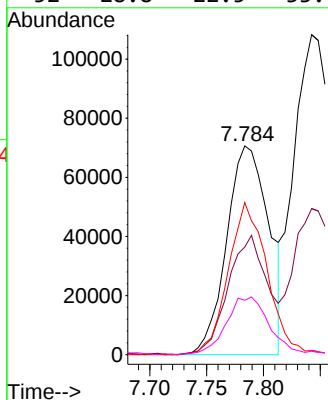
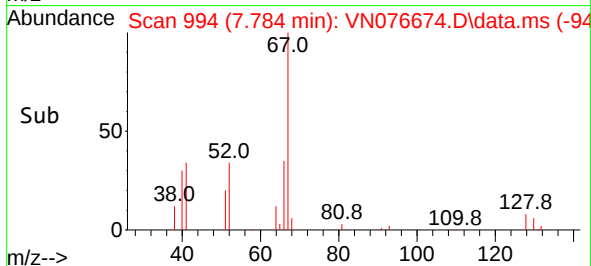
Tgt Ion: 41 Resp: 182884
Ion Ratio Lower Upper
41 100
39 53.5 42.6 63.8
67 67.8 51.4 77.0
52 28.8 22.5 33.7

Manual Integrations

APPROVED

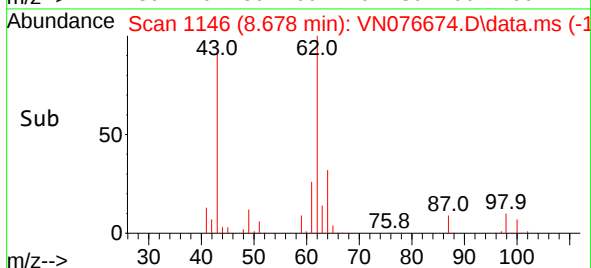
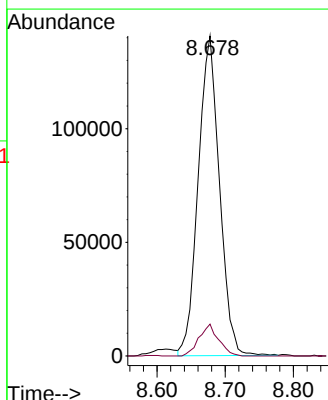
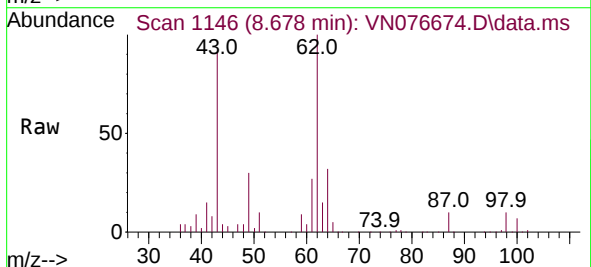
Reviewed By :John Carlone 02/15/2023

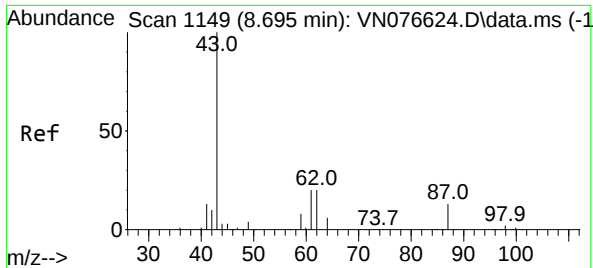
Supervised By :Mahesh Dadoda 02/15/2023



#42
1,2-Dichloroethane
Concen: 48.542 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion: 62 Resp: 304985
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43

Isopropyl Acetate

Concen: 53.138 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

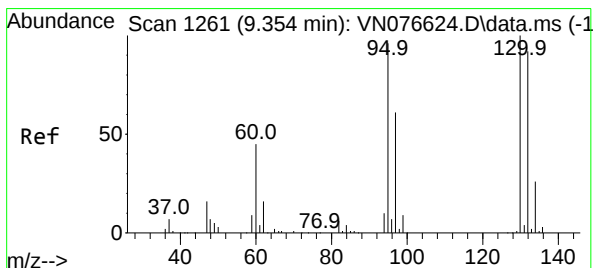
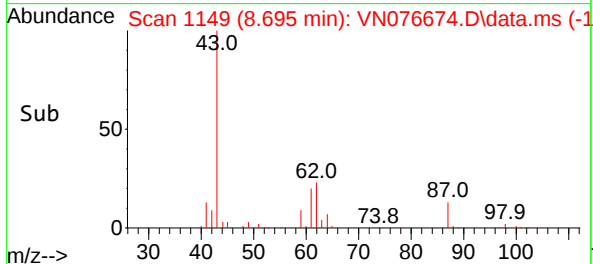
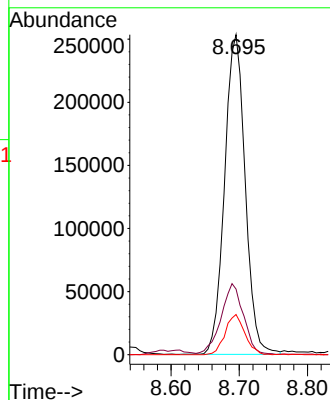
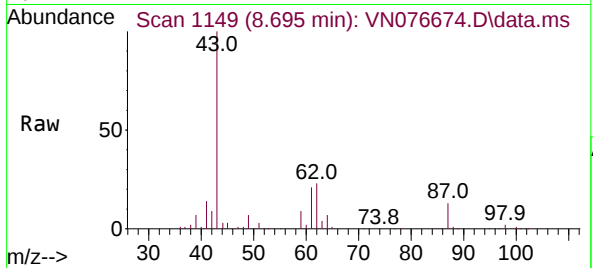
Tgt Ion: 43 Resp: 533670
 Ion Ratio Lower Upper
 43 100
 61 24.1 20.0 30.0
 87 12.0 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#44

Trichloroethene

Concen: 48.834 ug/l

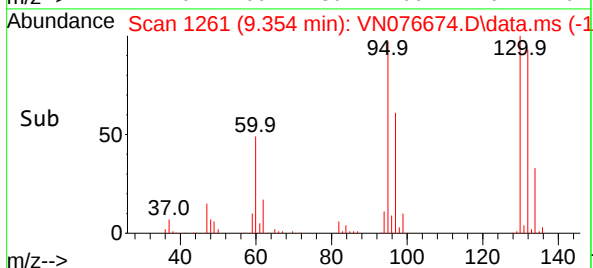
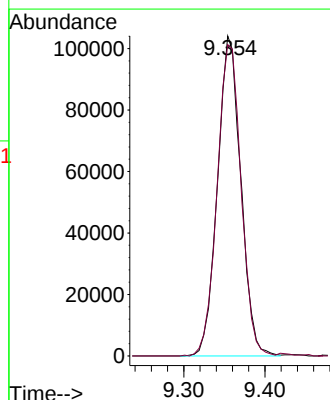
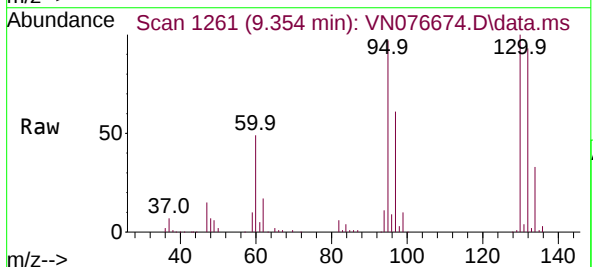
RT: 9.354 min Scan# 1261

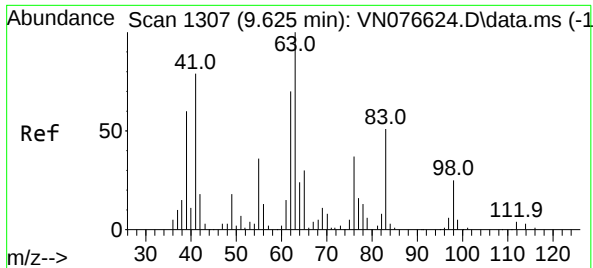
Delta R.T. 0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Tgt Ion:130 Resp: 207887
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 191.4





#45

1,2-Dichloropropane

Concen: 50.549 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 241056

Ion Ratio Lower Upper

63 100

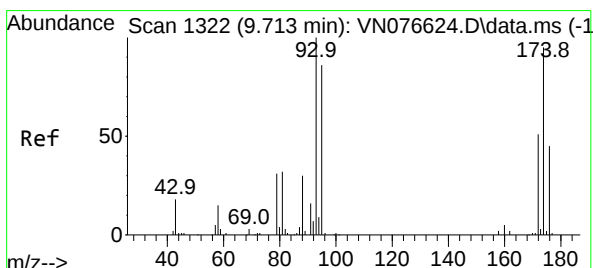
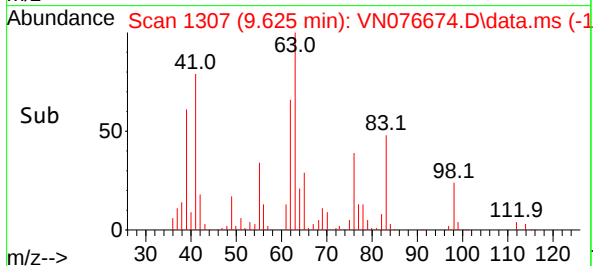
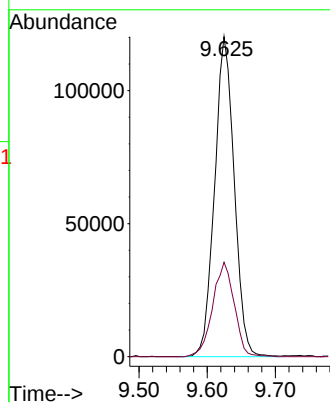
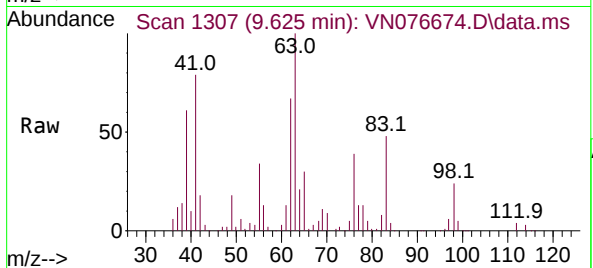
65 29.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#46

Dibromomethane

Concen: 48.990 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

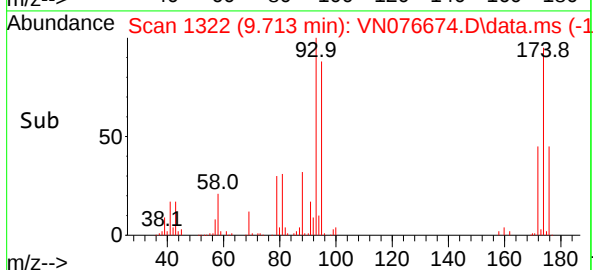
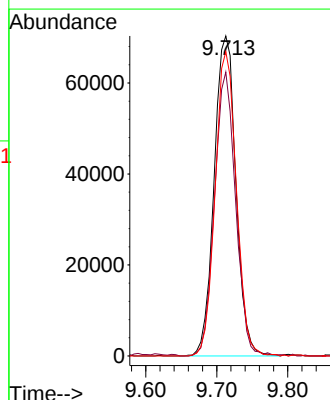
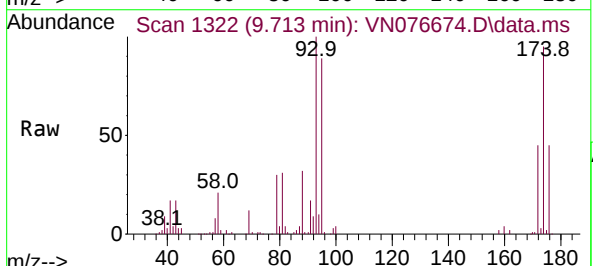
Tgt Ion: 93 Resp: 149356

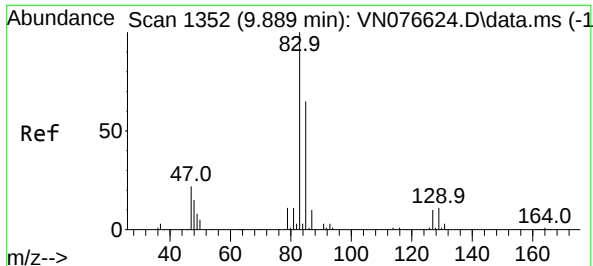
Ion Ratio Lower Upper

93 100

95 86.1 66.0 99.0

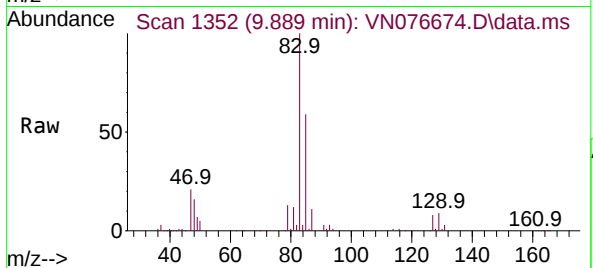
174 92.8 75.8 113.8





#47
Bromodichloromethane
Concen: 50.797 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

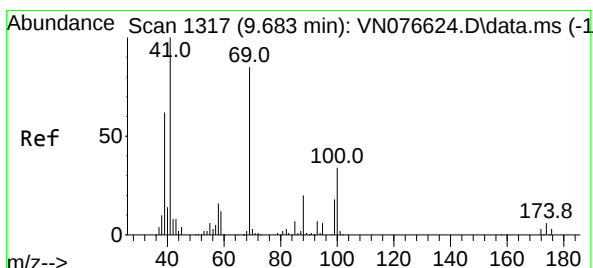
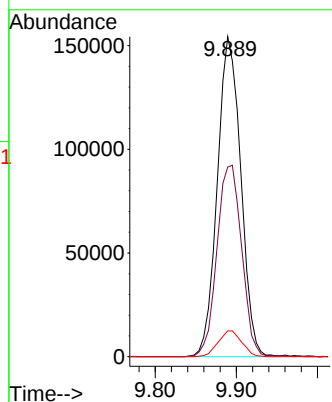
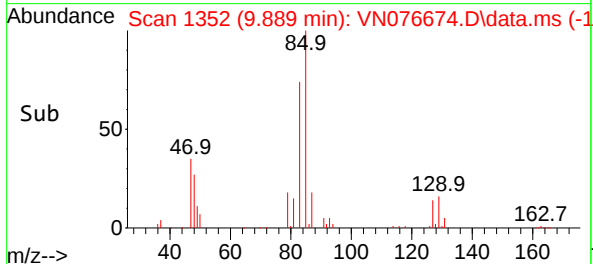
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



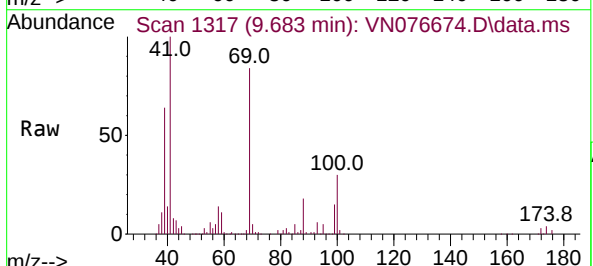
Tgt Ion: 83 Resp: 31048
Ion Ratio Lower Upper
83 100
85 59.3 51.8 77.6
127 8.1 7.9 11.9

Manual Integrations
APPROVED

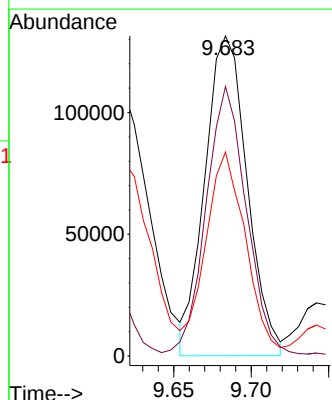
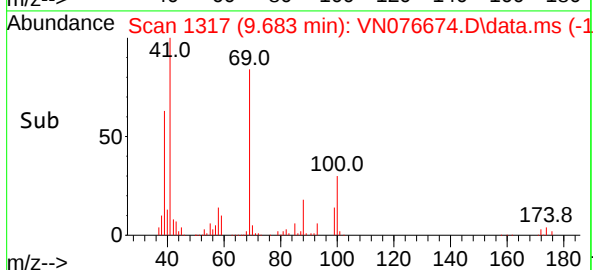
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

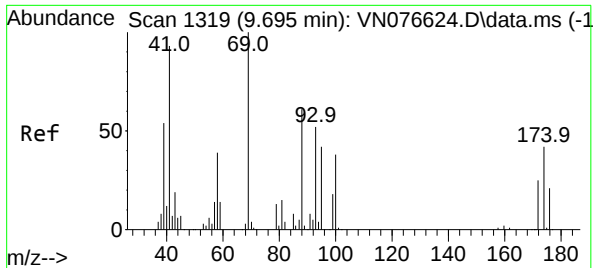


#48
Methyl methacrylate
Concen: 52.220 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



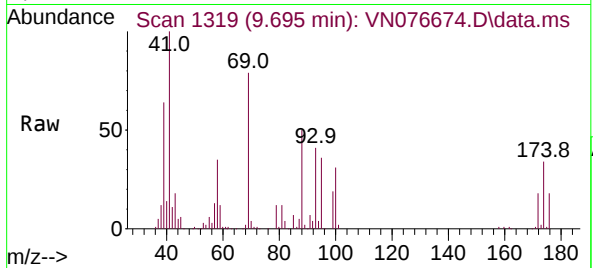
Tgt Ion: 41 Resp: 248869
Ion Ratio Lower Upper
41 100
69 79.9 65.4 98.0
39 60.5 49.3 73.9





#49
1,4-Dioxane
Concen: 1060.310 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

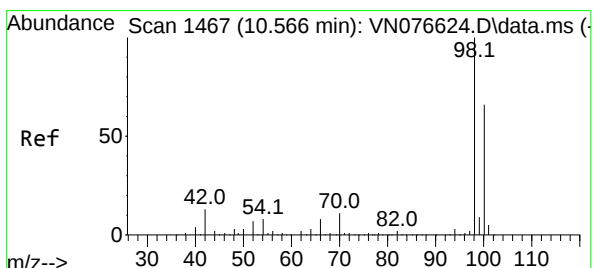
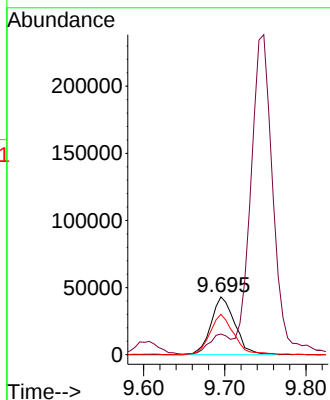
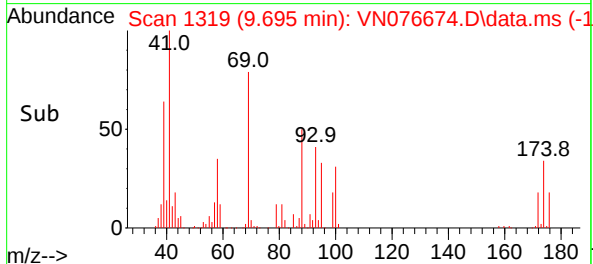
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 8741
Ion Ratio Lower Upper
88 100
43 30.5 22.6 33.8
58 70.9 57.6 86.4

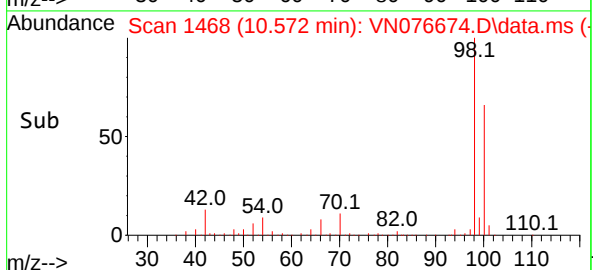
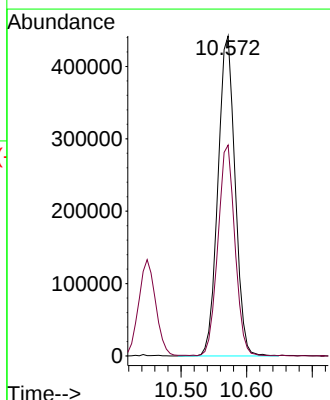
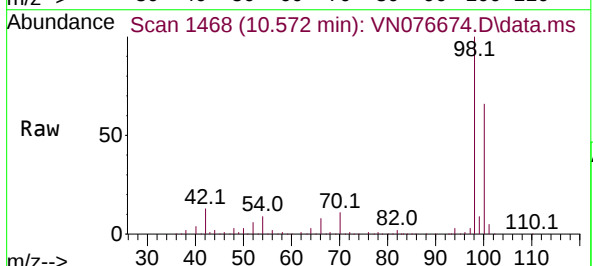
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#50
Toluene-d8
Concen: 52.699 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion: 98 Resp: 799064
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3





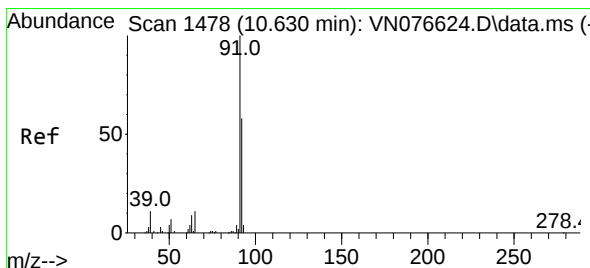
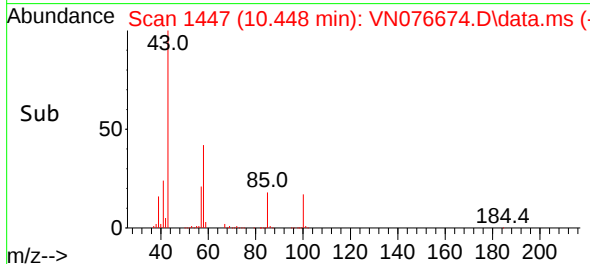
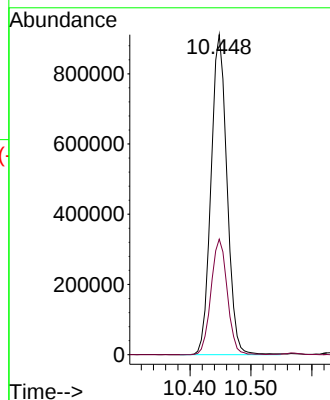
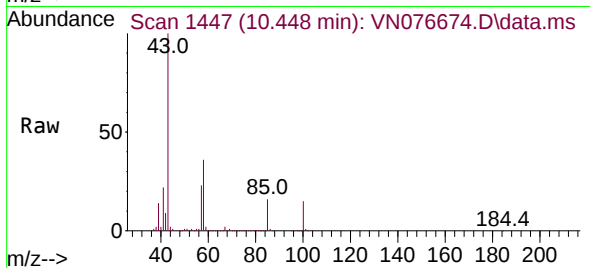
#51
4-Methyl-2-Pentanone
Concen: 259.716 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 165958
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3

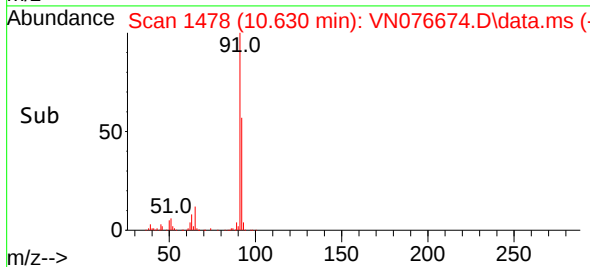
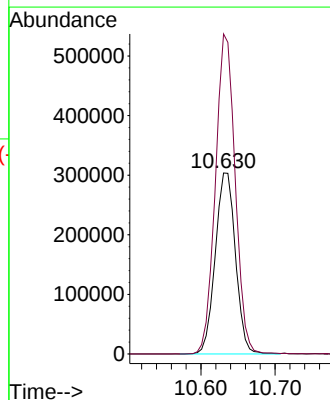
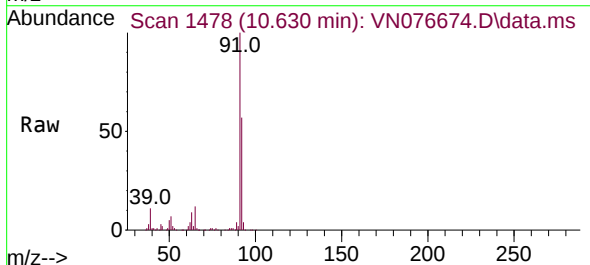
Manual Integrations
APPROVED

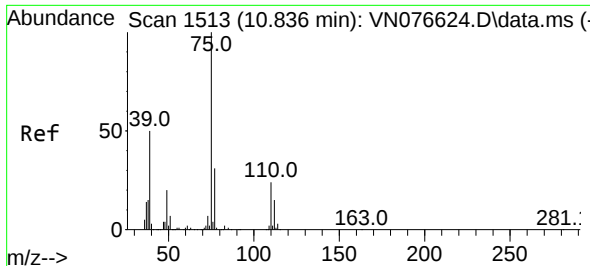
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#52
Toluene
Concen: 52.871 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

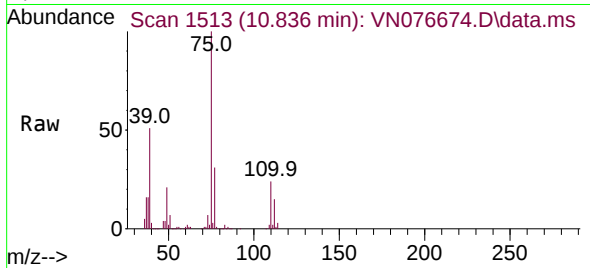
Tgt Ion: 92 Resp: 575038
Ion Ratio Lower Upper
92 100
91 173.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 55.026 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

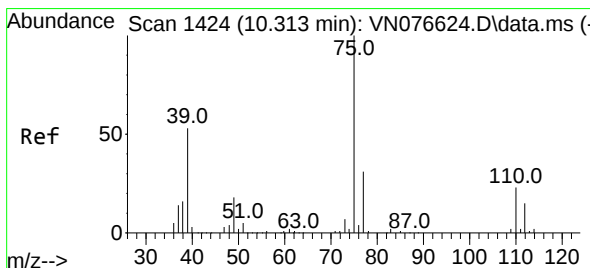
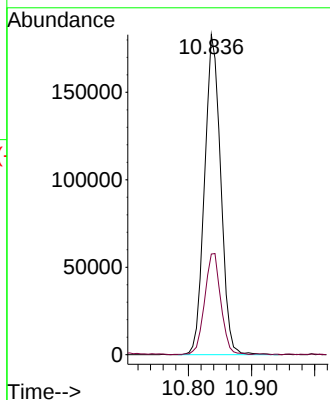
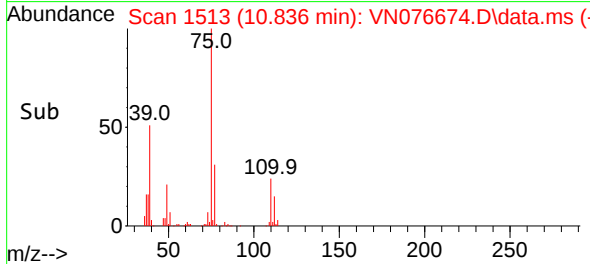
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 324639
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0

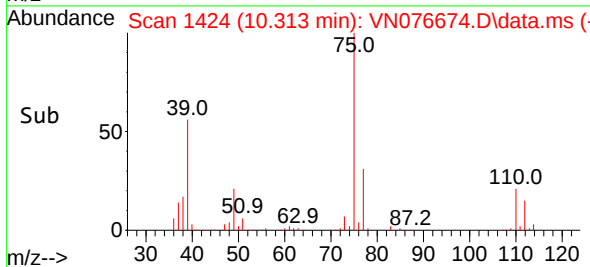
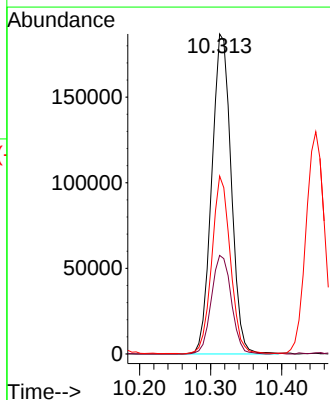
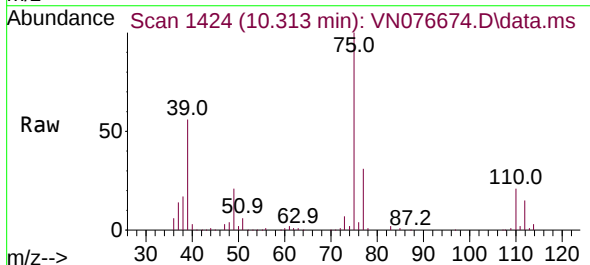
Manual Integrations
APPROVED

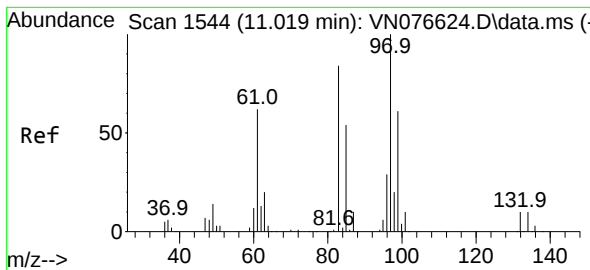
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#54
cis-1,3-Dichloropropene
Concen: 52.078 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

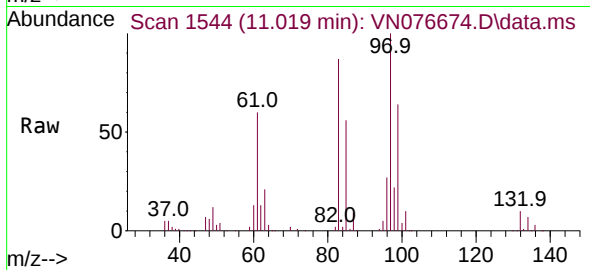
Tgt Ion: 75 Resp: 354398
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 55.5 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 49.946 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

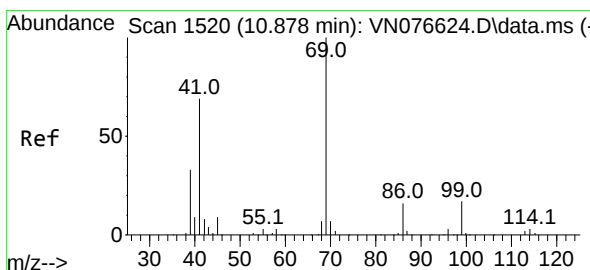
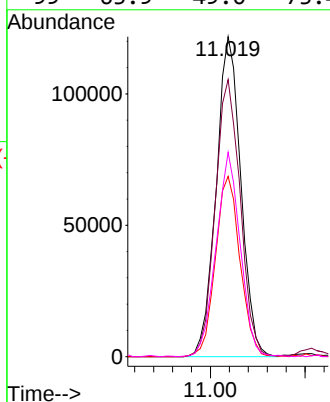
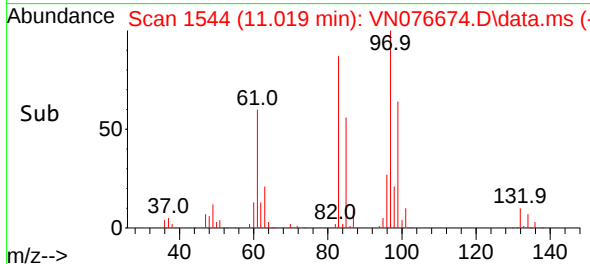
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



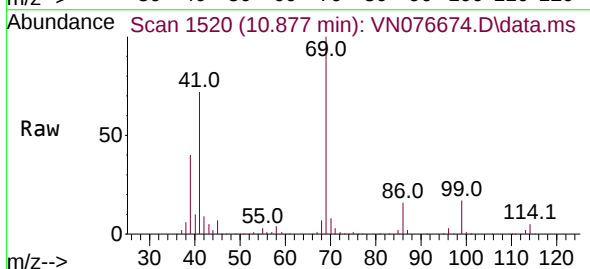
Tgt Ion: 97 Resp: 220892
Ion Ratio Lower Upper
97 100
83 86.6 67.3 100.9
85 56.4 43.2 64.8
99 63.9 49.0 73.4

Manual Integrations
APPROVED

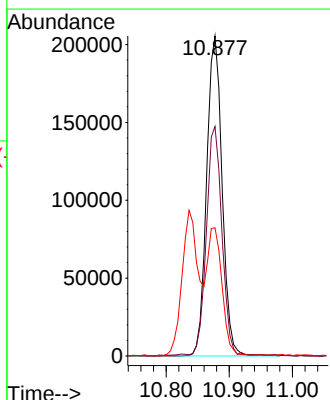
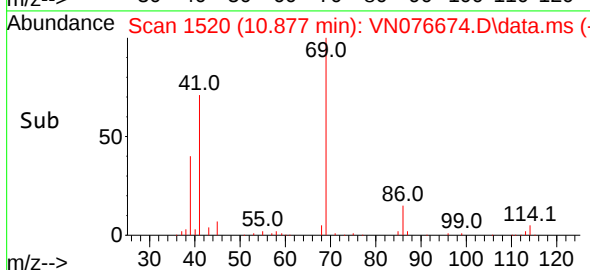
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#56
Ethyl methacrylate
Concen: 56.075 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



Tgt Ion: 69 Resp: 349073
Ion Ratio Lower Upper
69 100
41 72.9 55.1 82.7
39 37.1 30.7 46.1





#57

1,3-Dichloropropane

Concen: 51.209 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076674.D

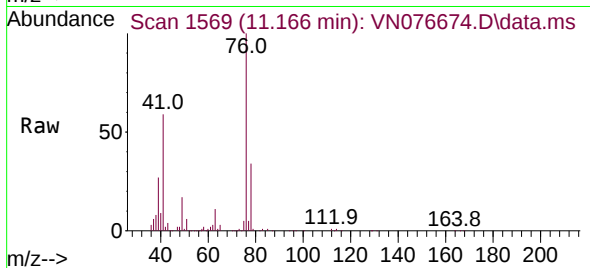
Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 389098

Ion Ratio Lower Upper

76 100

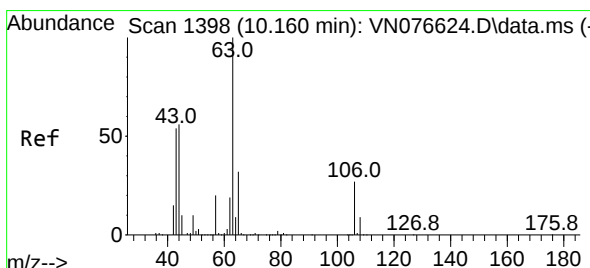
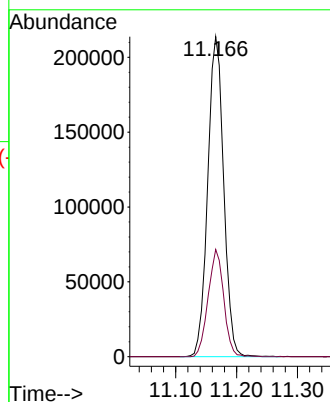
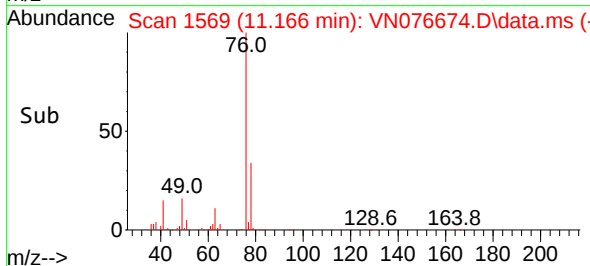
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 270.891 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076674.D

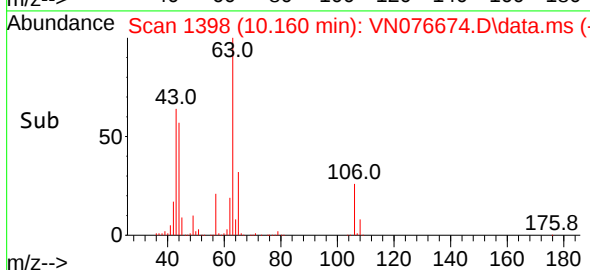
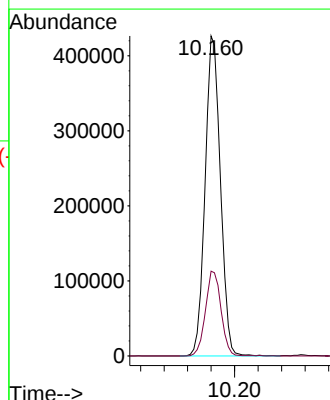
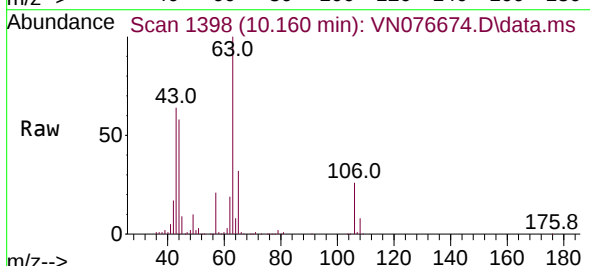
Acq: 14 Feb 2023 20:36

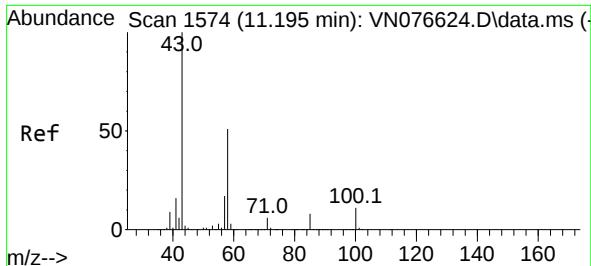
Tgt Ion: 63 Resp: 772303

Ion Ratio Lower Upper

63 100

106 27.0 22.3 33.5





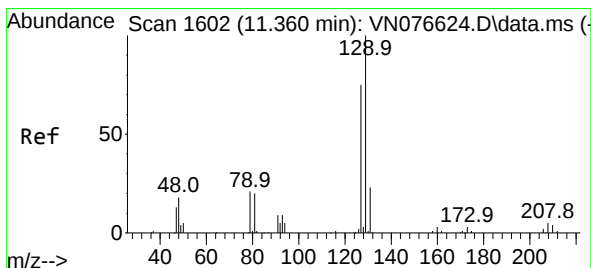
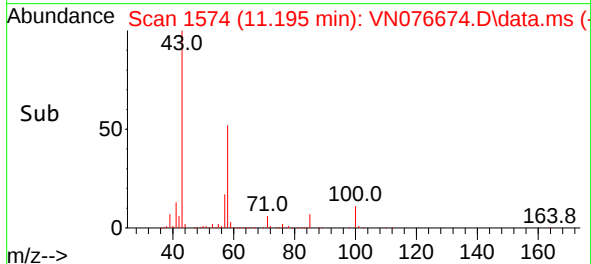
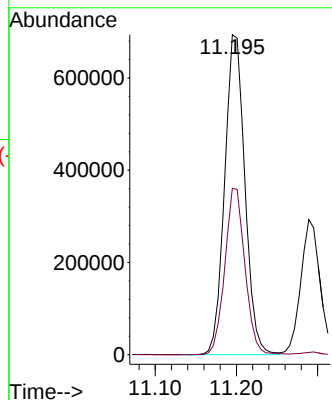
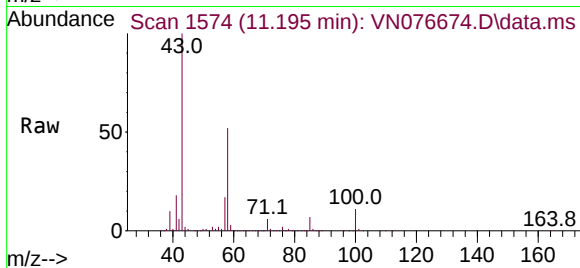
#59
2-Hexanone
Concen: 261.328 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 120404
Ion Ratio Lower Upper
43 100
58 51.7 25.4 76.0

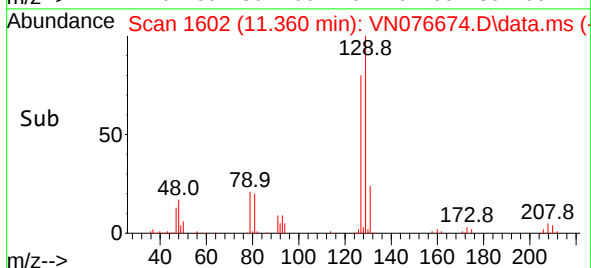
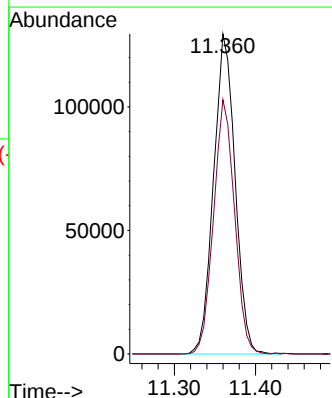
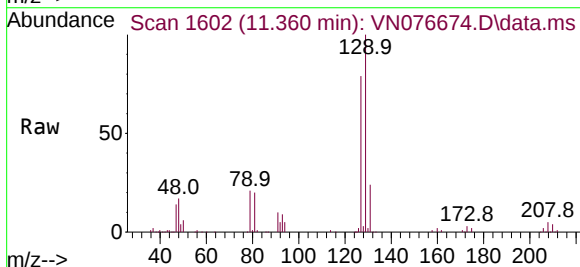
Manual Integrations
APPROVED

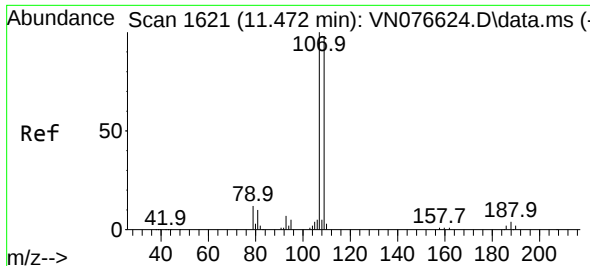
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#60
Dibromochloromethane
Concen: 51.134 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

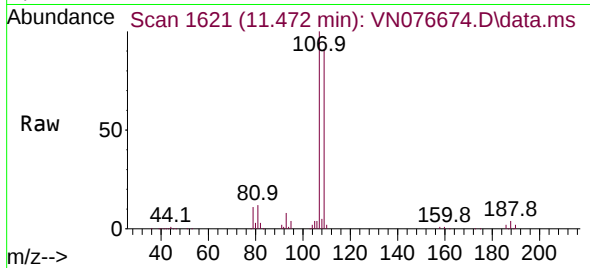
Tgt Ion:129 Resp: 238342
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.233 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

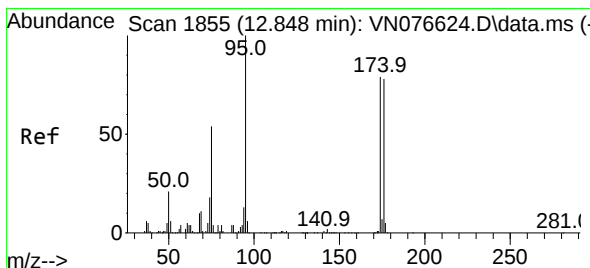
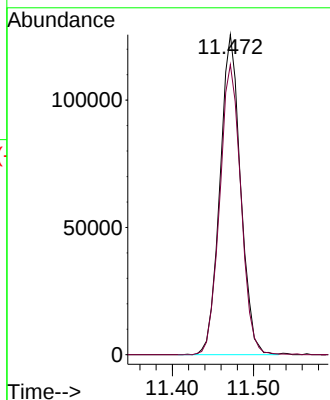
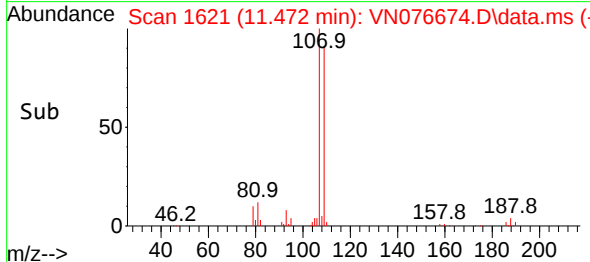
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



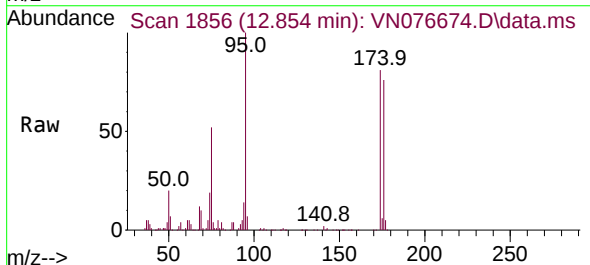
Tgt Ion:107 Resp: 22237
Ion Ratio Lower Upper
107 100
109 93.0 76.8 115.2

Manual Integrations
APPROVED

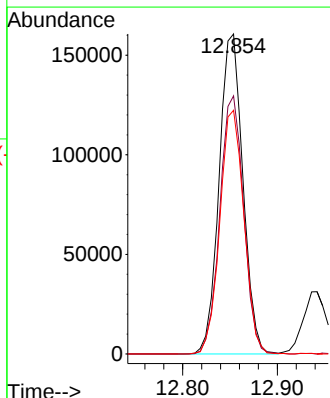
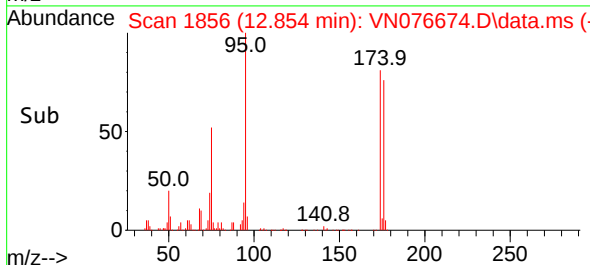
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

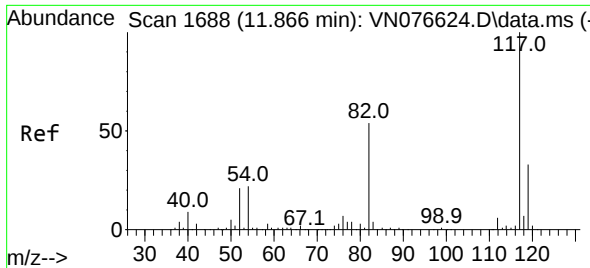


#62
4-Bromofluorobenzene
Concen: 55.732 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



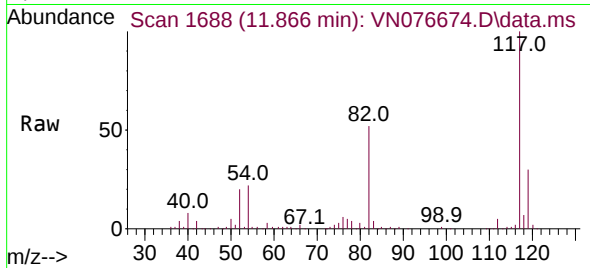
Tgt Ion: 95 Resp: 279883
Ion Ratio Lower Upper
95 100
174 80.8 0.0 169.2
176 77.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

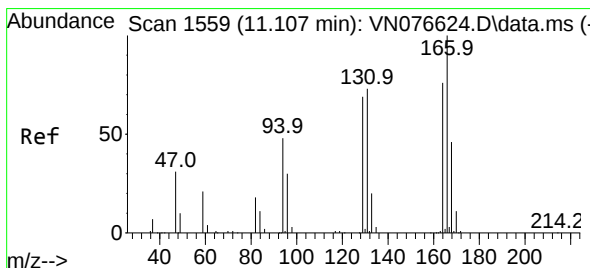
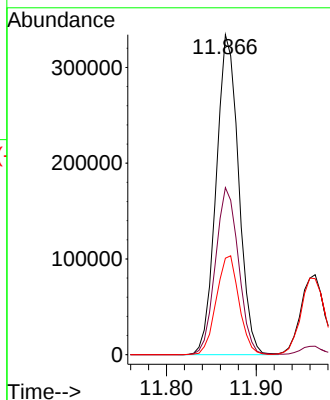
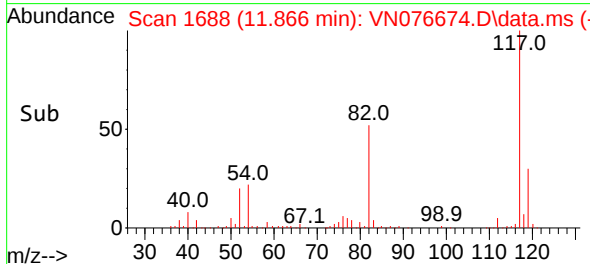
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



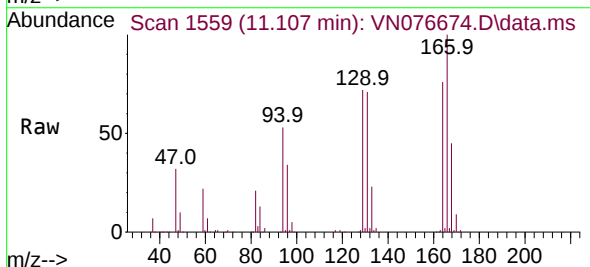
Tgt Ion:117 Resp: 58124
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.2
119 30.2 26.1 39.1

Manual Integrations
APPROVED

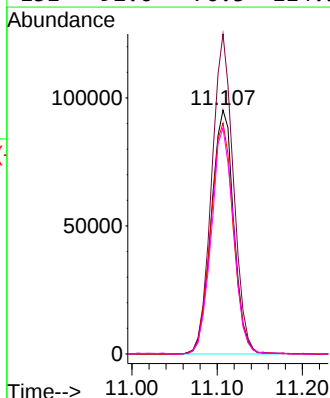
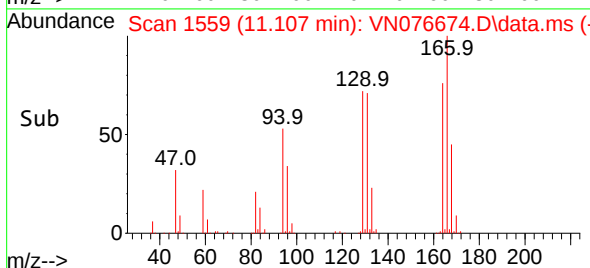
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

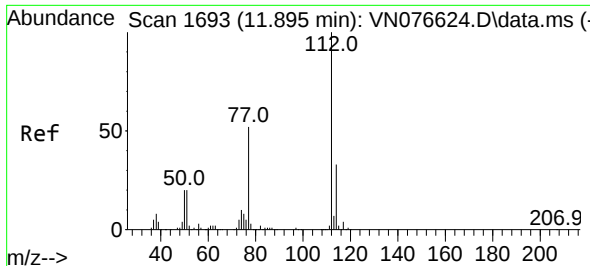


#64
Tetrachloroethene
Concen: 47.869 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



Tgt Ion:164 Resp: 175342
Ion Ratio Lower Upper
164 100
166 131.2 104.8 157.2
129 94.7 72.2 108.2
131 92.6 76.3 114.5





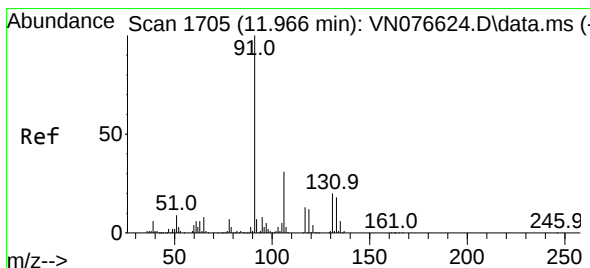
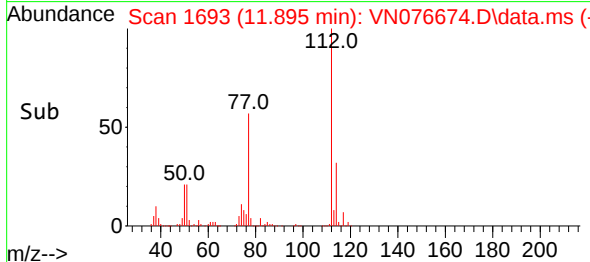
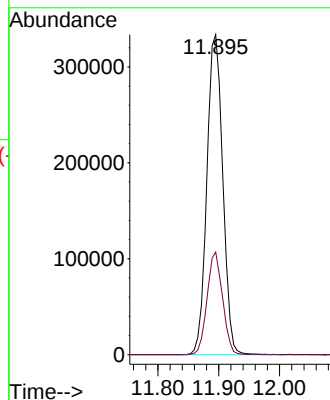
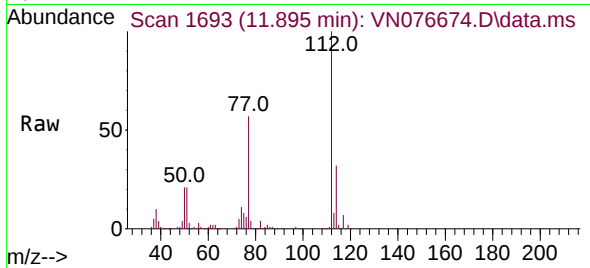
#65
Chlorobenzene
Concen: 49.144 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 60536
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

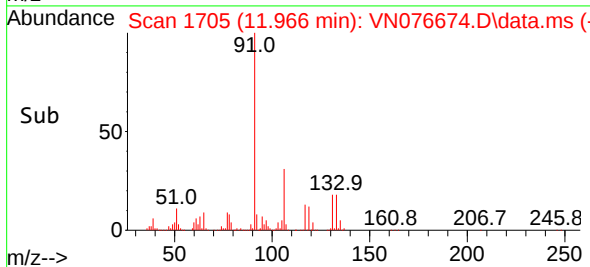
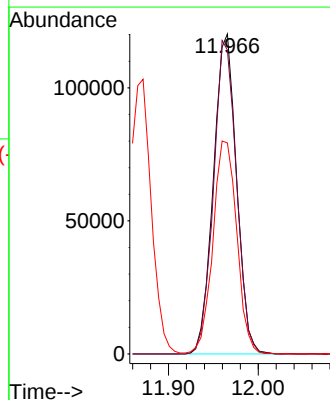
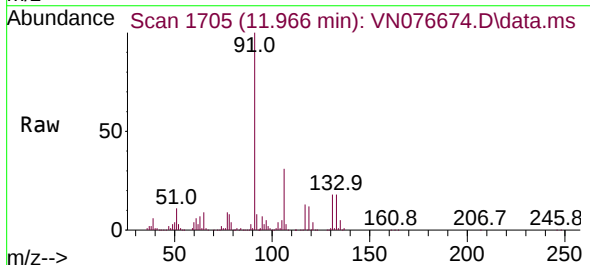
Manual Integrations
APPROVED

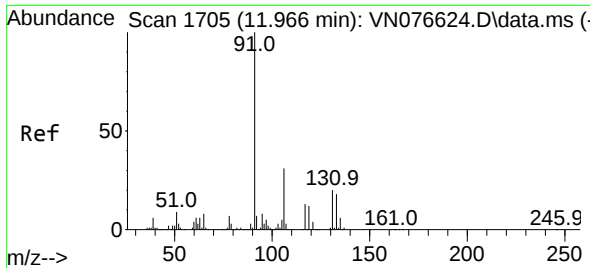
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.062 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

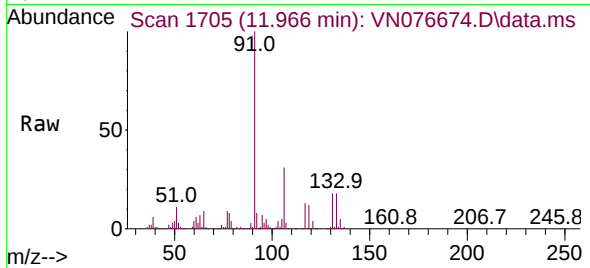
Tgt Ion:131 Resp: 215043
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.0
119 68.9 32.3 96.8





#67
Ethyl Benzene
Concen: 52.257 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

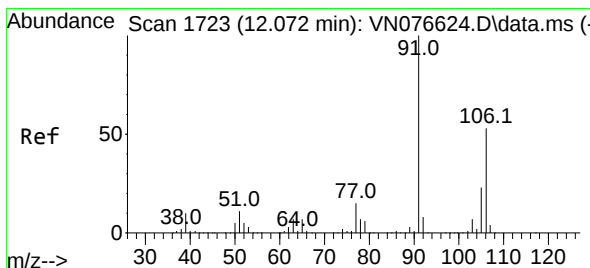
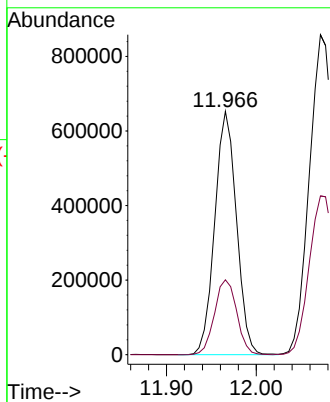
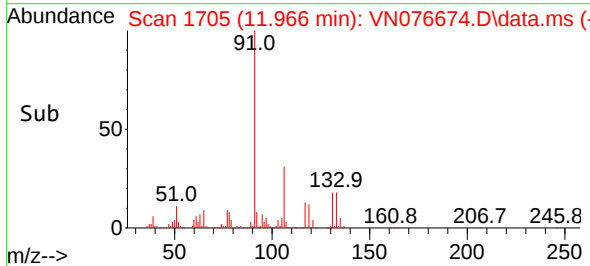
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



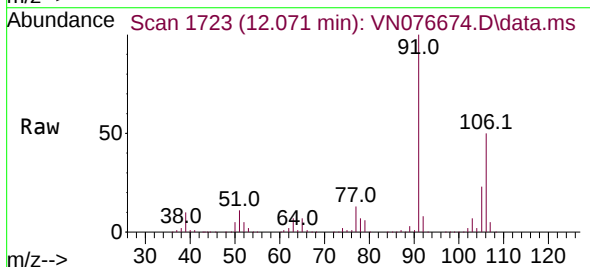
Tgt Ion: 91 Resp: 109665
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

Manual Integrations
APPROVED

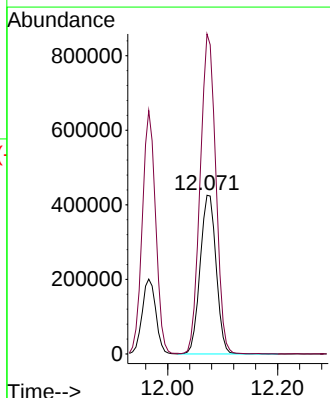
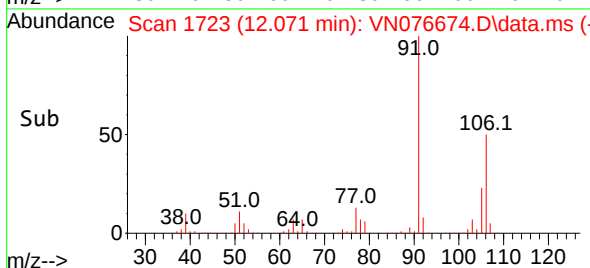
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

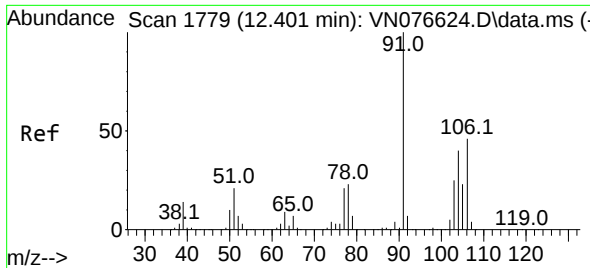


#68
m/p-Xylenes
Concen: 106.286 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



Tgt Ion:106 Resp: 859767
Ion Ratio Lower Upper
106 100
91 196.5 154.7 232.1





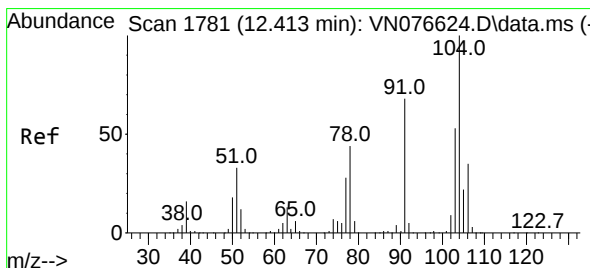
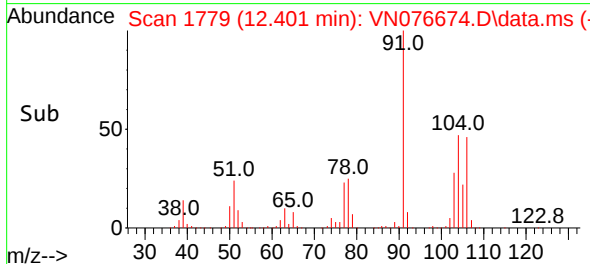
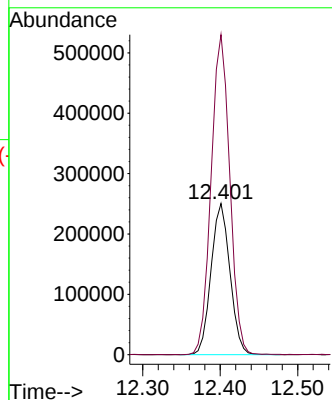
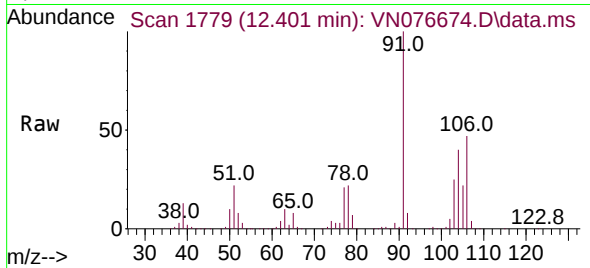
#69
o-Xylene
Concen: 53.714 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 42375
Ion Ratio Lower Upper
106 100
91 209.7 105.8 317.4

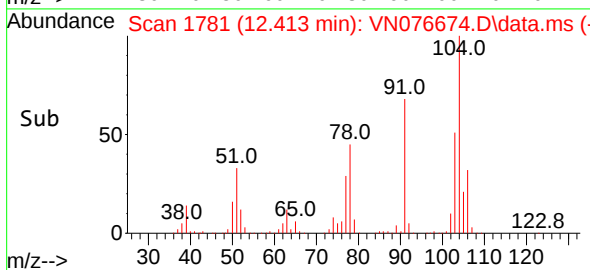
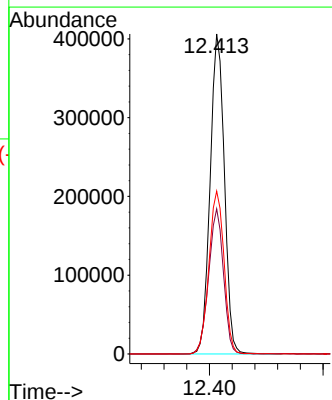
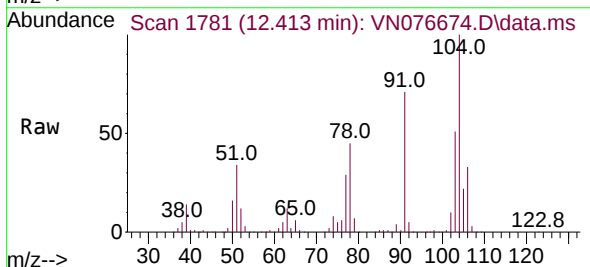
Manual Integrations
APPROVED

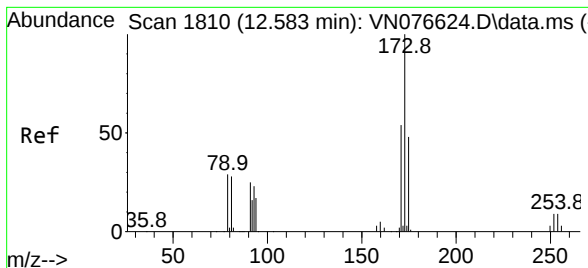
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#70
Styrene
Concen: 55.212 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion:104 Resp: 704360
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.4
103 54.1 44.2 66.4





#71

Bromoform

Concen: 51.467 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 16891

Ion Ratio Lower Upper

173 100

175 50.3 24.9 74.7

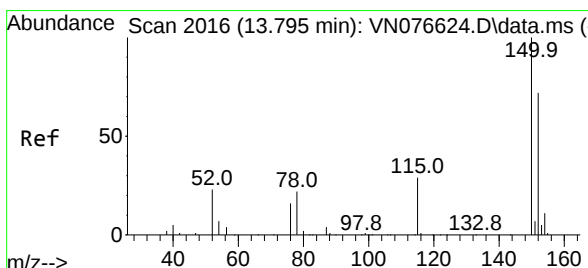
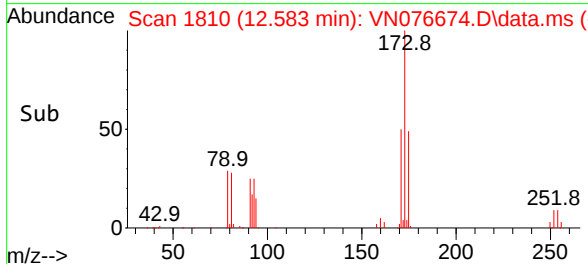
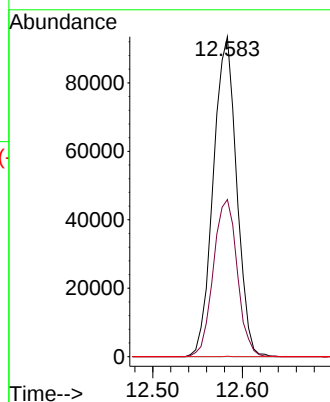
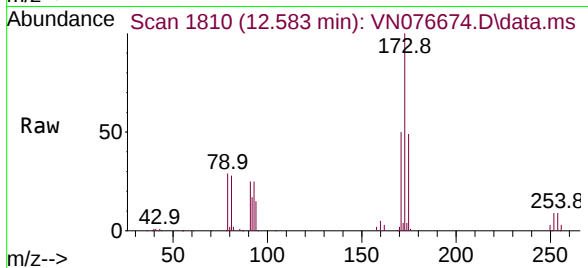
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

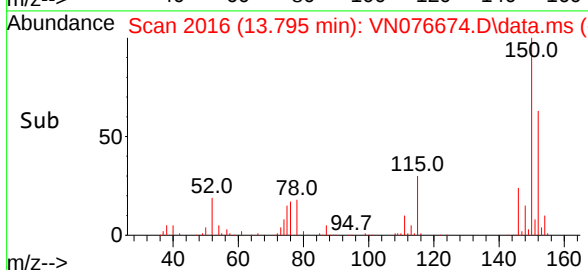
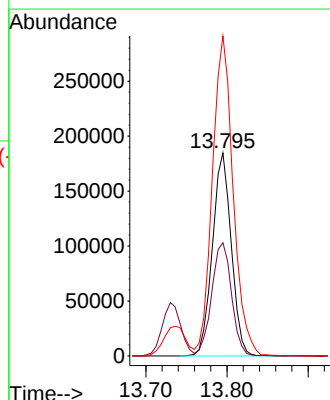
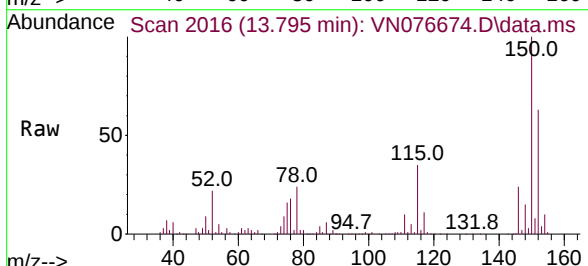
Tgt Ion:152 Resp: 298251

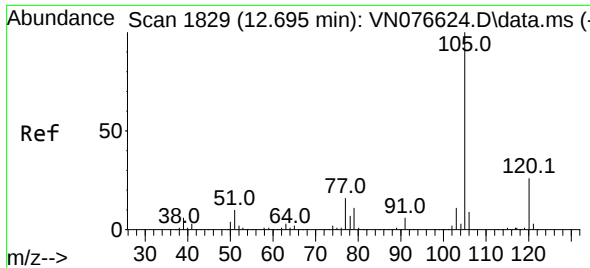
Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.9

150 173.3 0.0 349.8





#73
Isopropylbenzene
Concen: 50.646 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

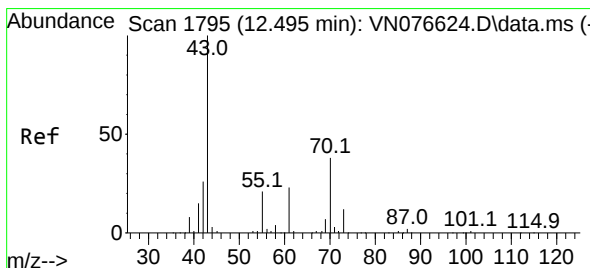
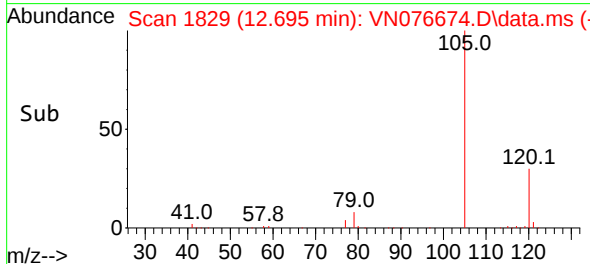
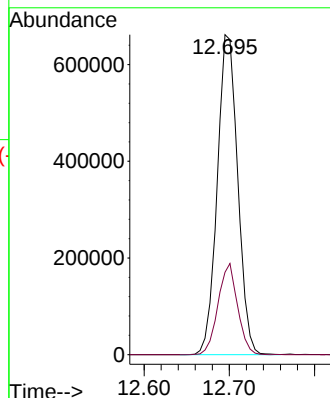
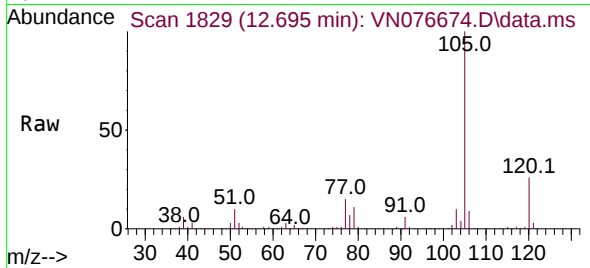
VSTDCCC050EC

Tgt Ion:105 Resp: 110715
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0

Manual Integrations

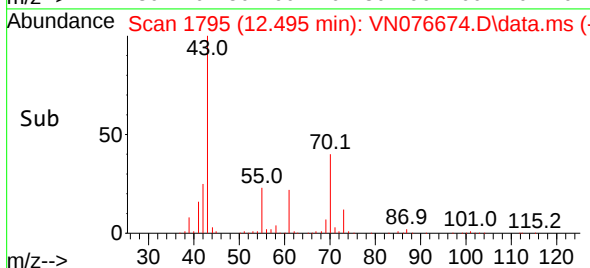
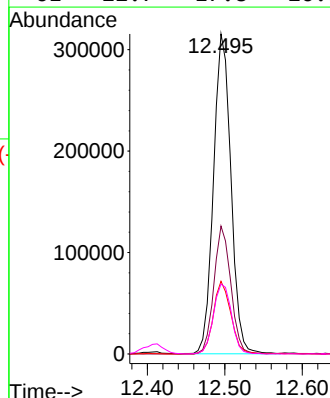
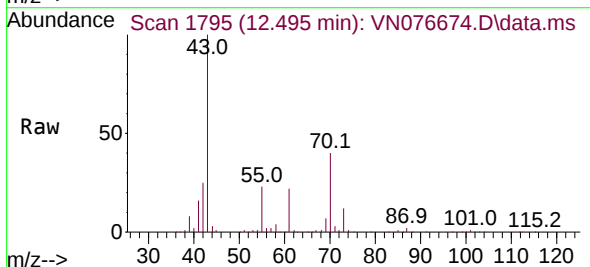
APPROVED

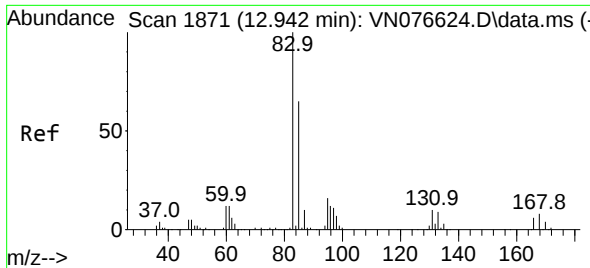
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#74
N-ethyl acetate
Concen: 50.053 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

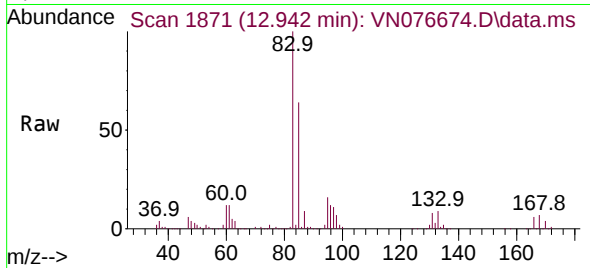
Tgt Ion: 43 Resp: 493198
Ion Ratio Lower Upper
43 100
70 38.8 30.5 45.7
55 22.9 17.8 26.8
61 22.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.005 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

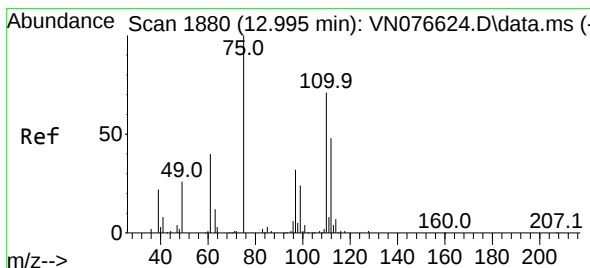
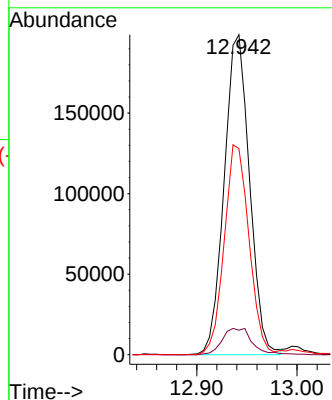
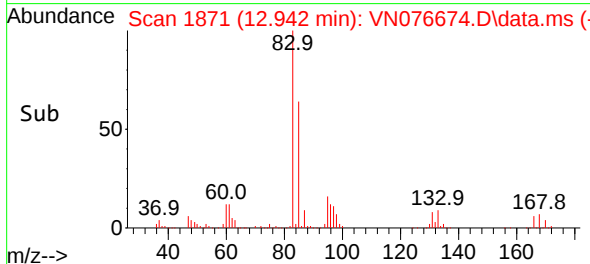
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



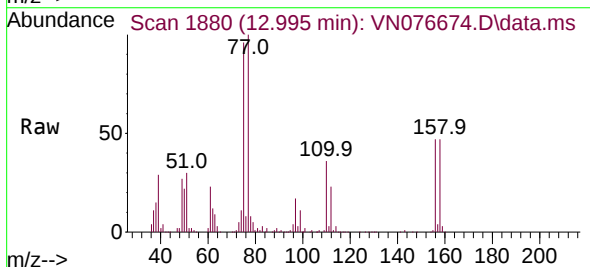
Tgt Ion: 83 Resp: 34821
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.1 31.8 95.3

Manual Integrations
APPROVED

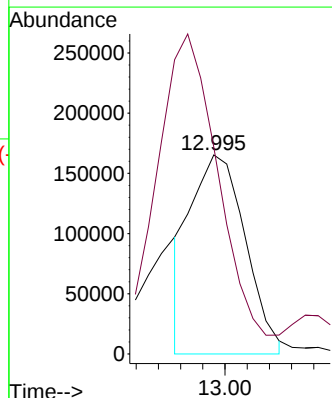
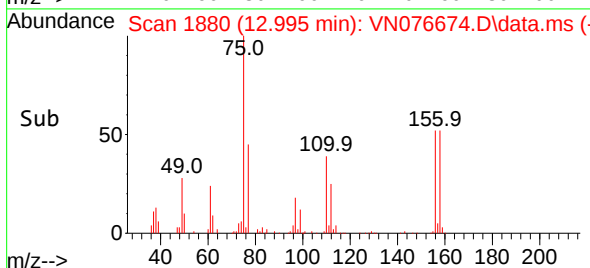
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

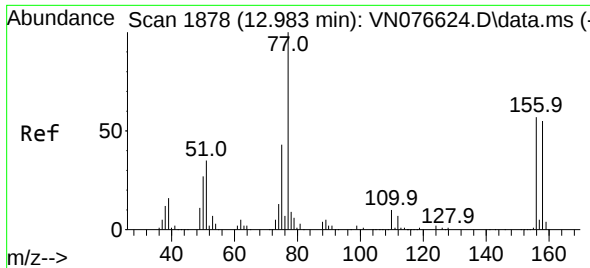


#76
1,2,3-Trichloropropane
Concen: 47.069 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



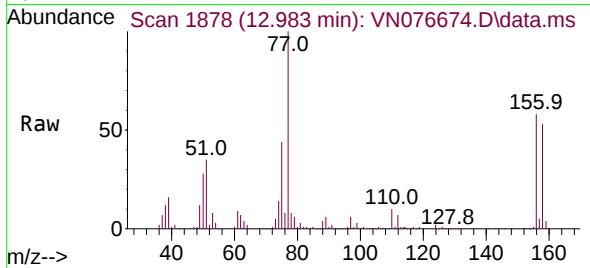
Tgt Ion: 75 Resp: 283819
Ion Ratio Lower Upper
75 100
77 184.1 93.1 279.3





#77
Bromobenzene
Concen: 47.590 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

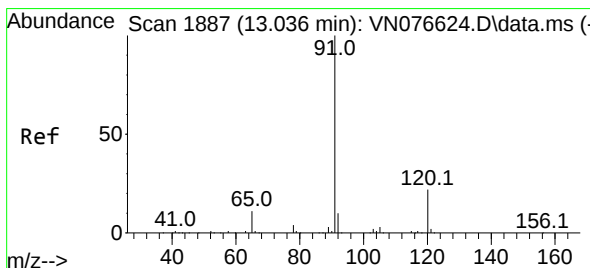
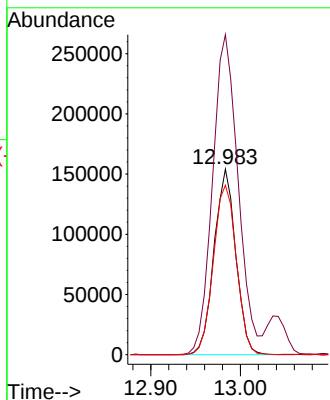
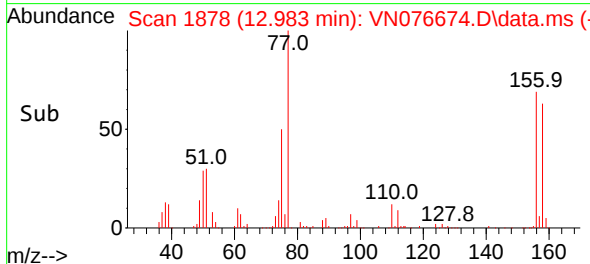
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 25956
Ion Ratio Lower Upper
156 100
77 201.3 102.8 308.4
158 96.6 48.9 146.6

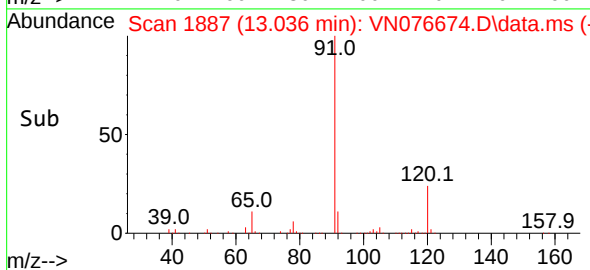
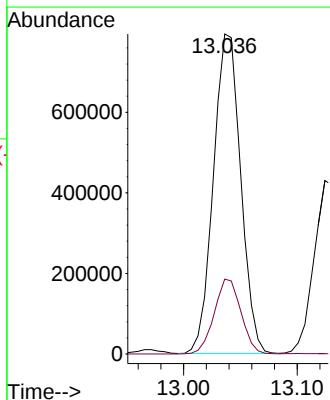
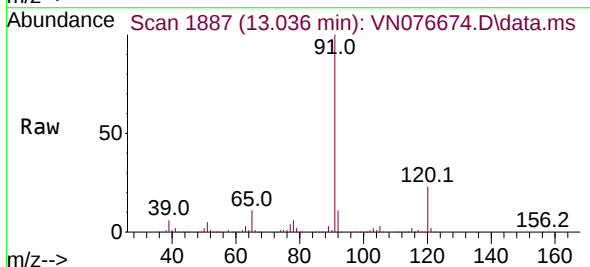
Manual Integrations
APPROVED

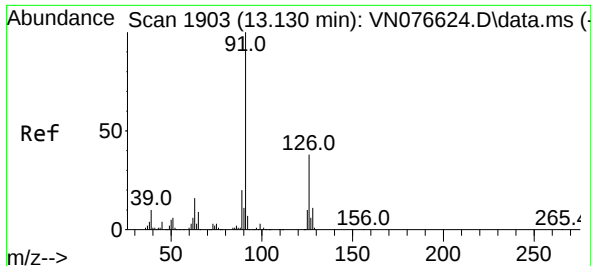
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#78
n-propylbenzene
Concen: 51.659 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion: 91 Resp: 1326103
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 47.868 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 75236

Ion Ratio Lower Upper

91 100

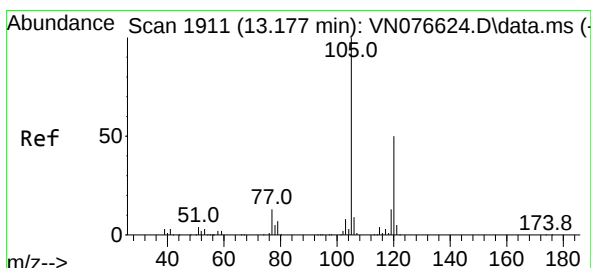
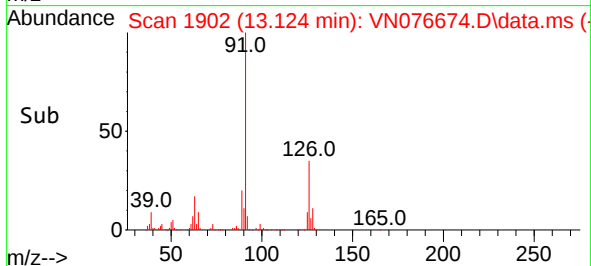
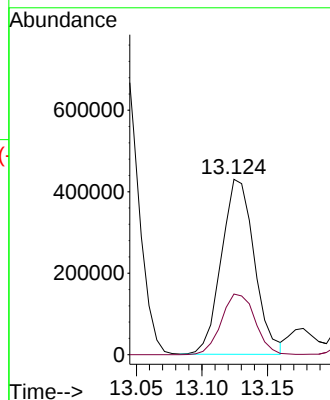
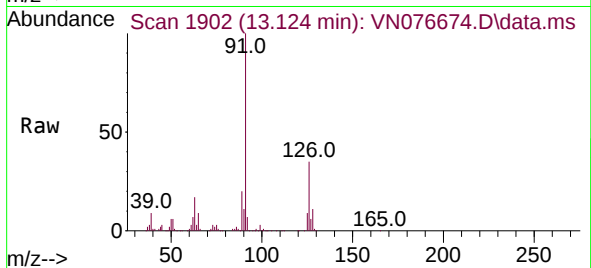
126 35.5 17.7 53.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.065 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076674.D

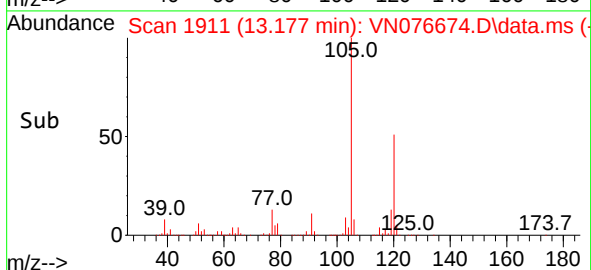
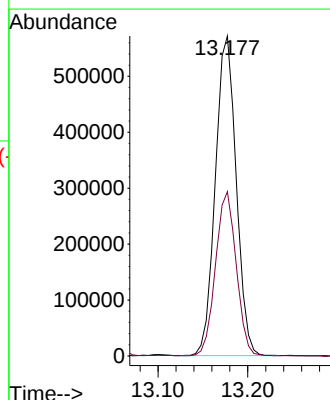
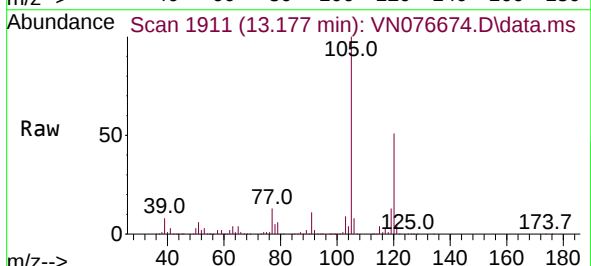
Acq: 14 Feb 2023 20:36

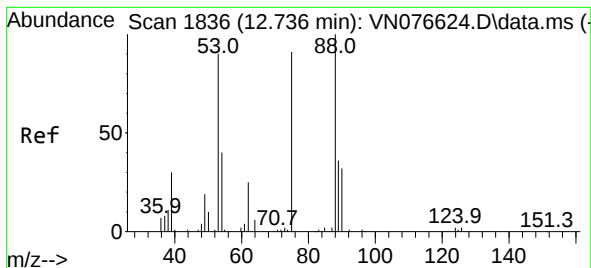
Tgt Ion:105 Resp: 922572

Ion Ratio Lower Upper

105 100

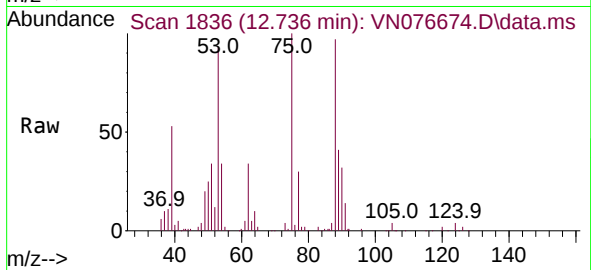
120 50.9 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.162 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

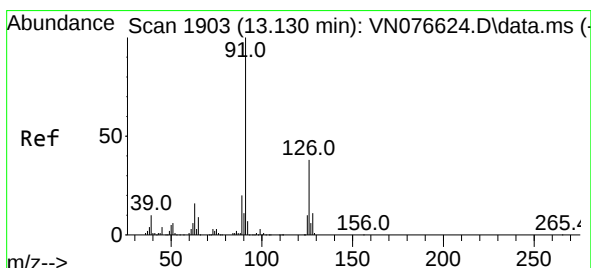
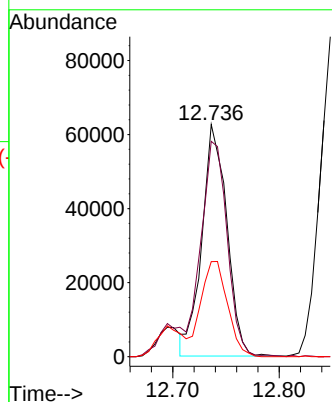
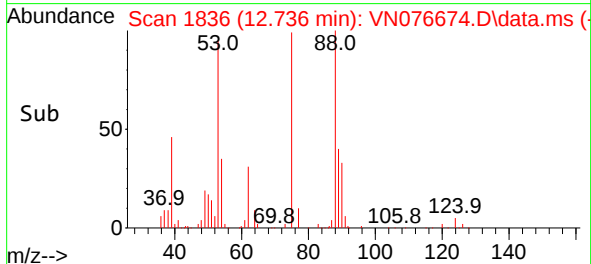
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



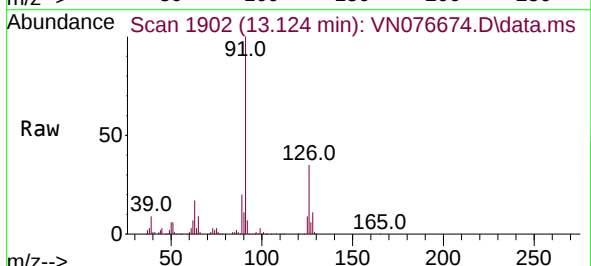
Tgt Ion: 75 Resp: 101778
Ion Ratio Lower Upper
75 100
53 96.7 92.1 138.1
89 44.2 37.5 56.3

Manual Integrations
APPROVED

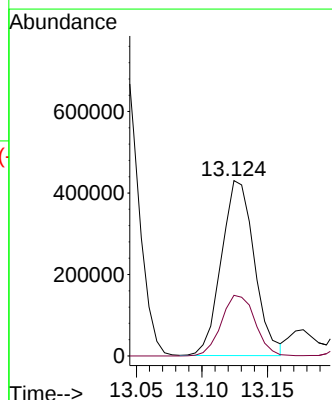
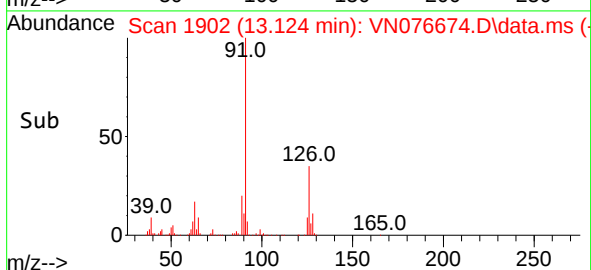
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

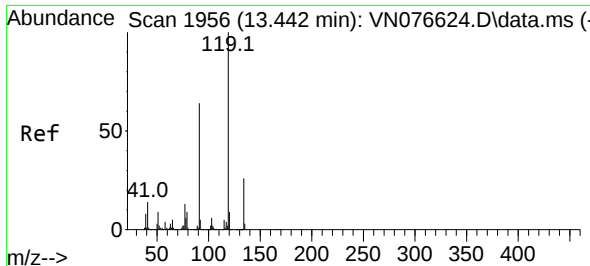


#82
4-Chlorotoluene
Concen: 47.868 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



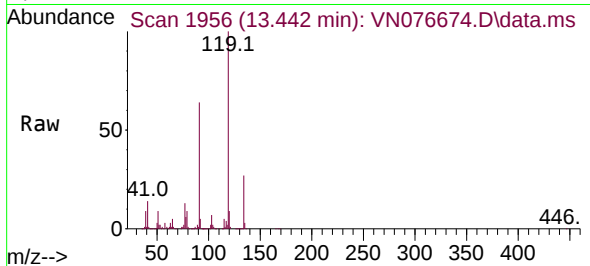
Tgt Ion: 91 Resp: 752365
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1





#83
tert-Butylbenzene
Concen: 50.903 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

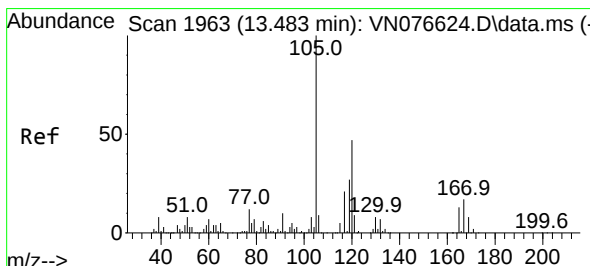
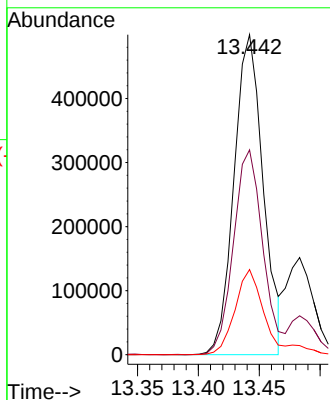
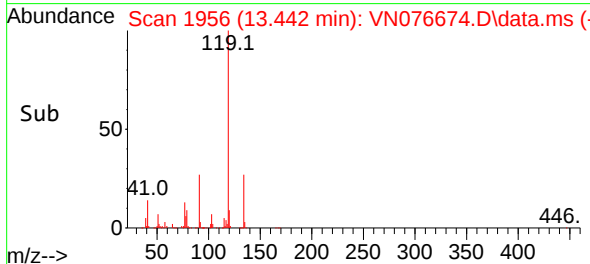
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 831937
Ion Ratio Lower Upper
119 100
91 65.0 32.0 96.2
134 27.8 13.8 41.4

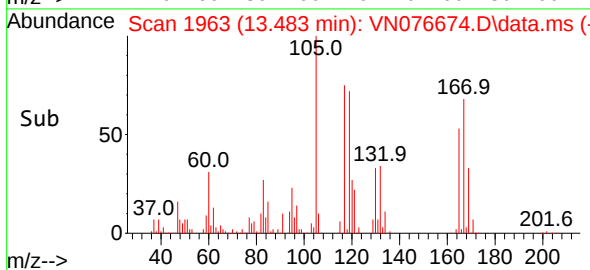
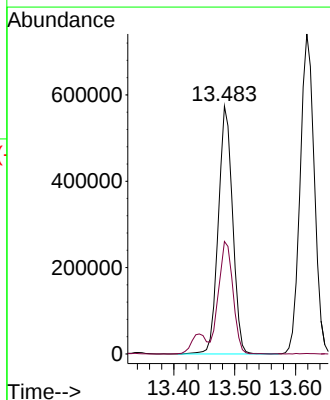
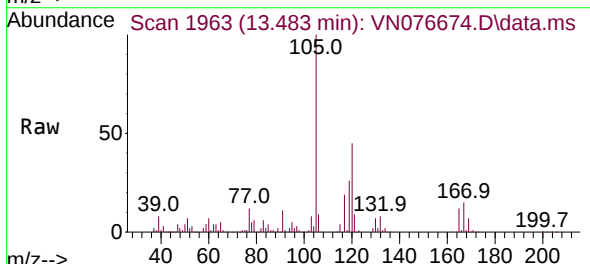
Manual Integrations
APPROVED

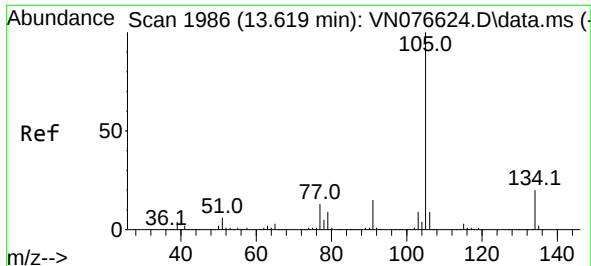
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.897 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

Tgt Ion:105 Resp: 934431
Ion Ratio Lower Upper
105 100
120 45.6 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 52.268 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076674.D
 Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

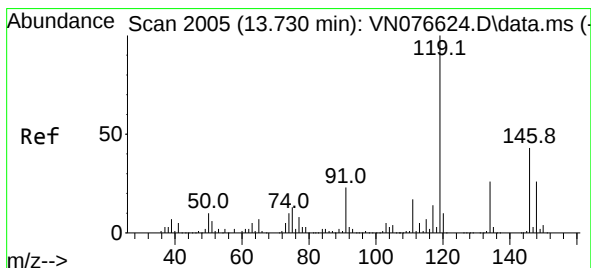
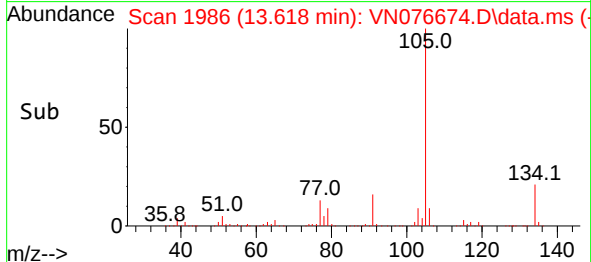
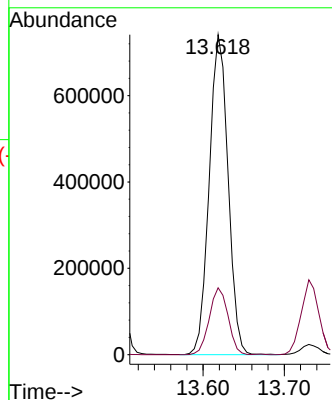
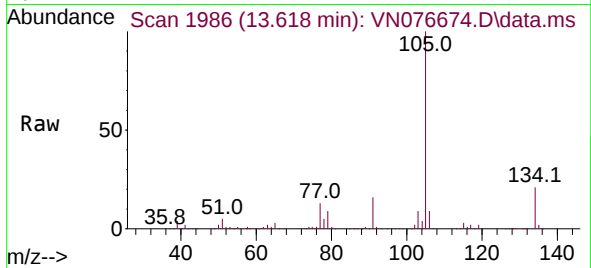
VSTDCCC050EC

Tgt Ion:105 Resp: 1192675
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.5

Manual Integrations

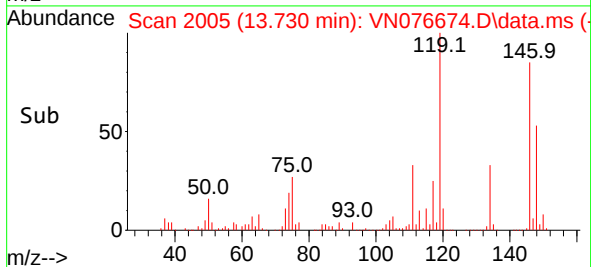
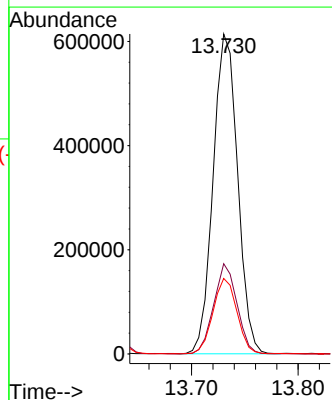
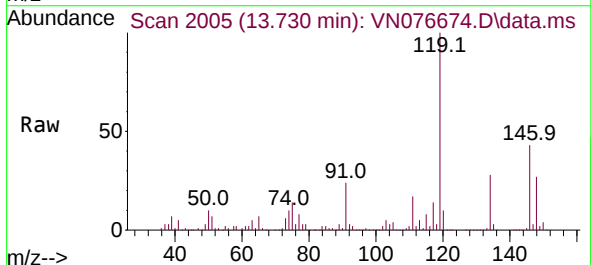
APPROVED

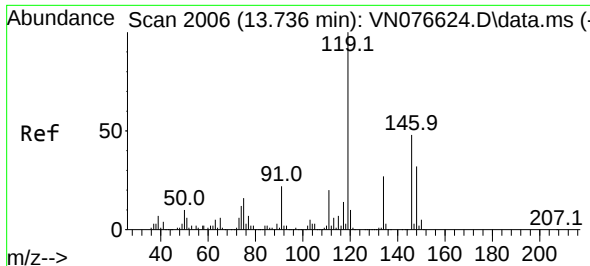
Reviewed By :John Carlone 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023



#86
 p-Isopropyltoluene
 Concen: 53.743 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076674.D
 Acq: 14 Feb 2023 20:36

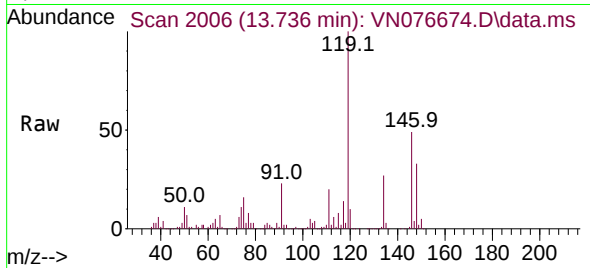
Tgt Ion:119 Resp: 979261
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.1 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 47.745 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

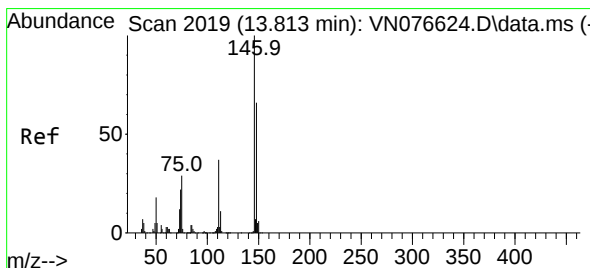
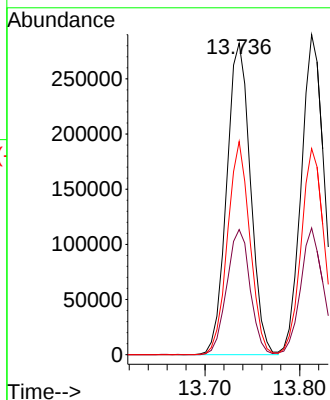
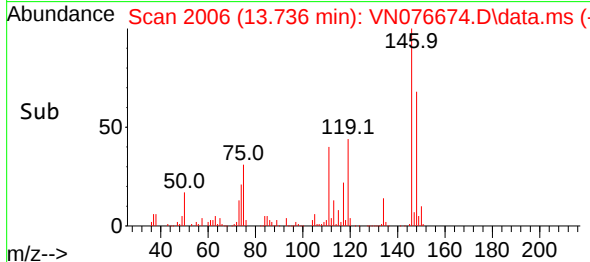
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 492258
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.4
148 64.3 32.0 96.2

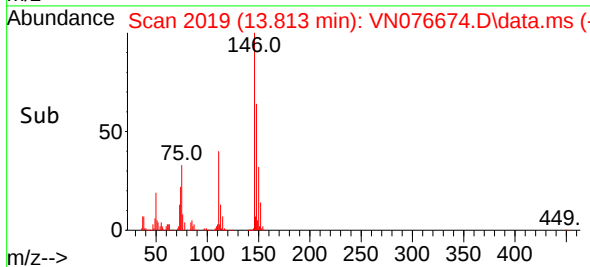
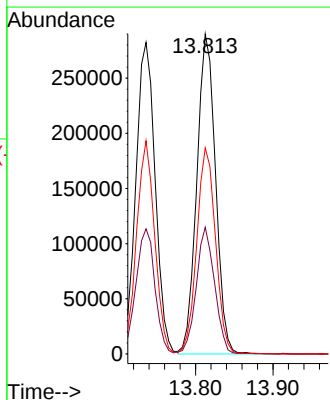
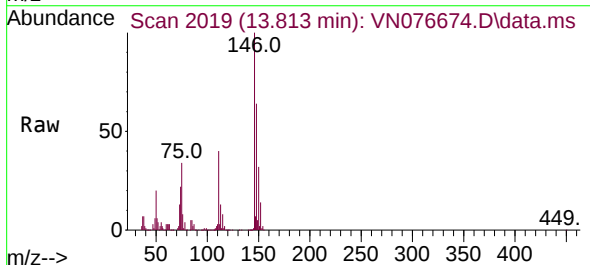
Manual Integrations
APPROVED

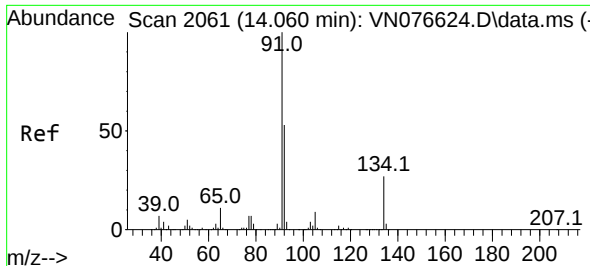
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#88
1,4-Dichlorobenzene
Concen: 47.499 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

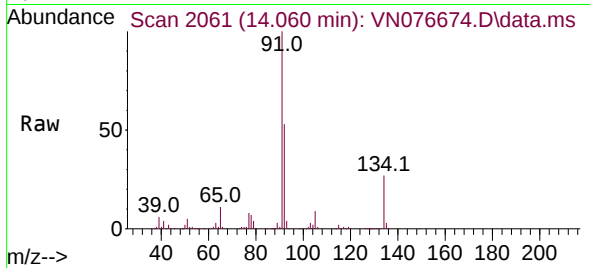
Tgt Ion:146 Resp: 487672
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.1
148 64.5 32.7 98.1





#89
n-Butylbenzene
Concen: 53.771 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

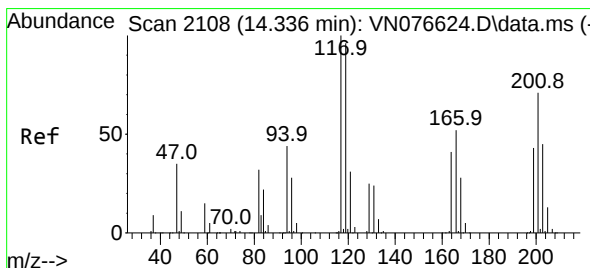
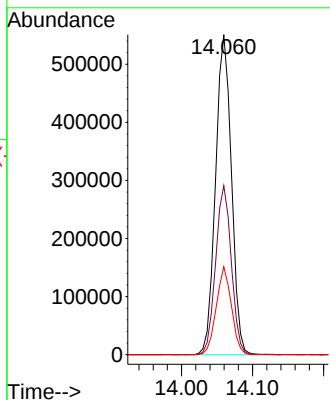
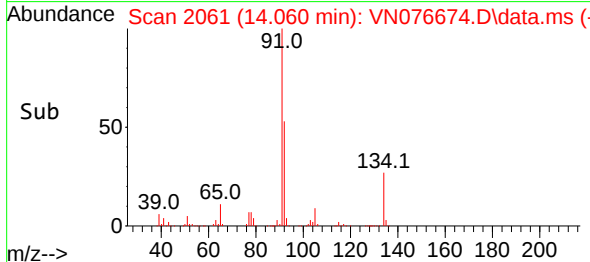
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 85215
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 26.2 13.2 39.5

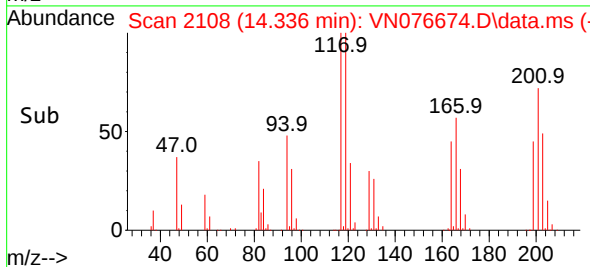
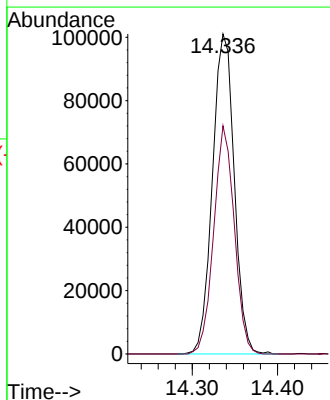
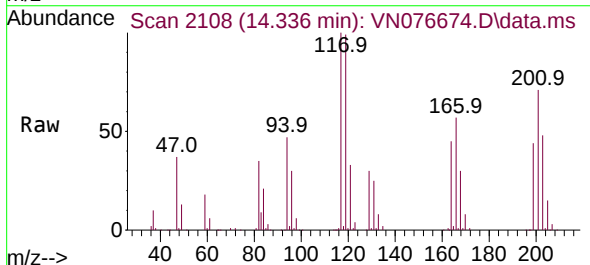
Manual Integrations
APPROVED

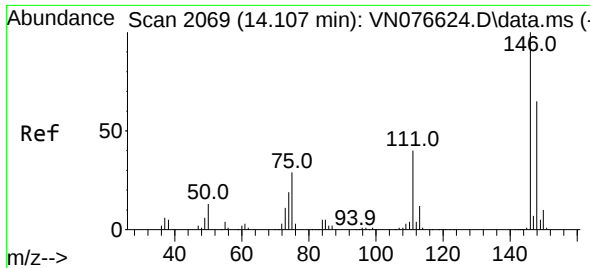
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#90
Hexachloroethane
Concen: 47.118 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

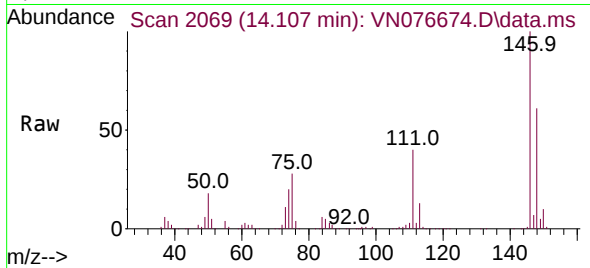
Tgt Ion:117 Resp: 179763
Ion Ratio Lower Upper
117 100
201 67.3 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 47.686 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

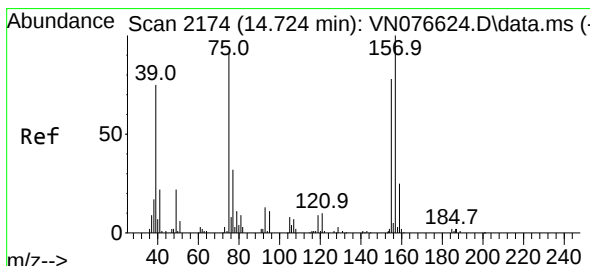
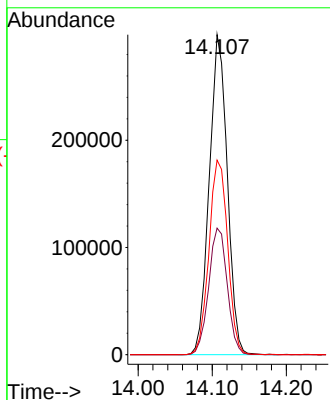
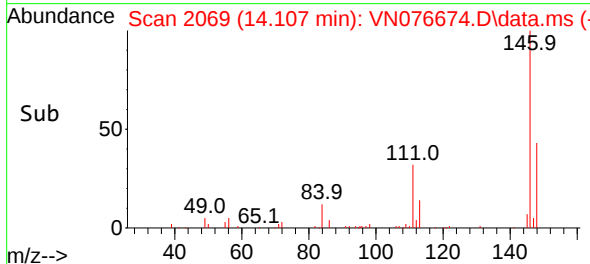
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



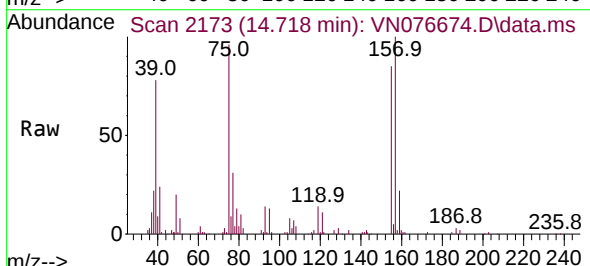
Tgt Ion:146 Resp: 504029
Ion Ratio Lower Upper
146 100
111 40.8 20.0 59.9
148 63.2 32.4 97.2

Manual Integrations
APPROVED

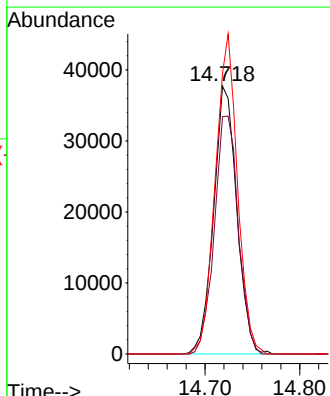
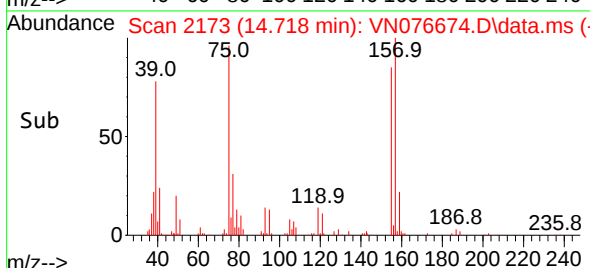
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

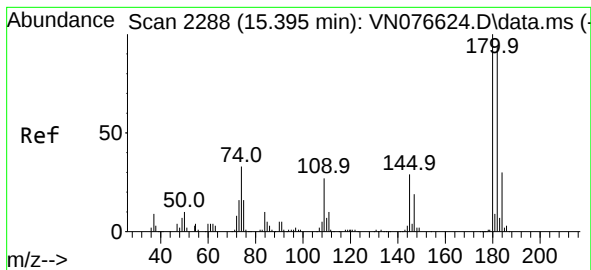


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.855 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



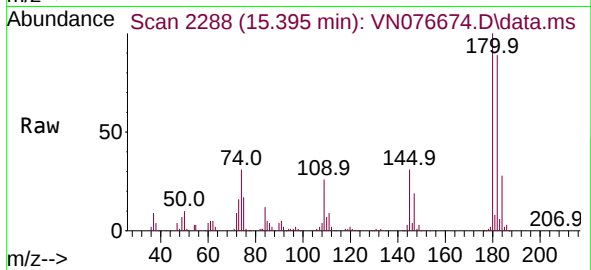
Tgt Ion: 75 Resp: 64166
Ion Ratio Lower Upper
75 100
155 91.7 43.4 130.2
157 114.0 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 53.005 ug/l
RT: 15.395 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36

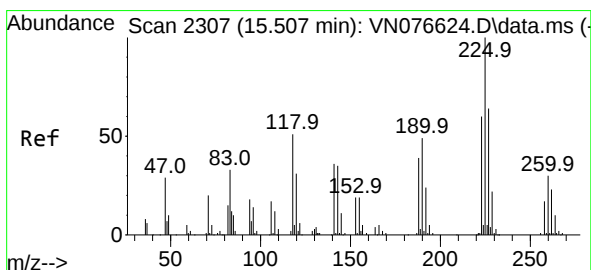
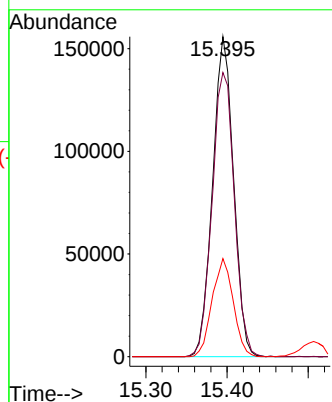
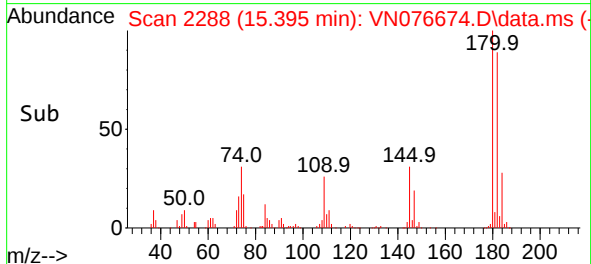
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



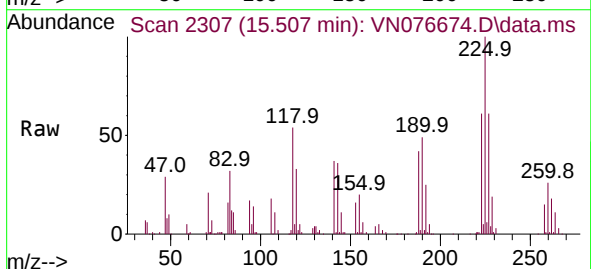
Tgt Ion:180 Resp: 279460
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.0
145 30.9 15.2 45.6

Manual Integrations
APPROVED

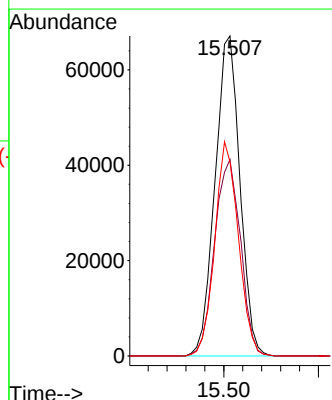
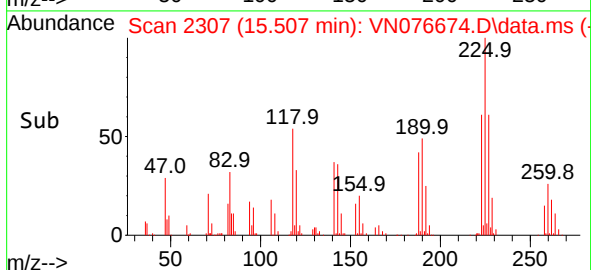
Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

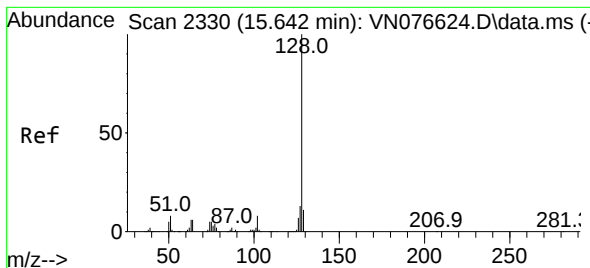


#94
Hexachlorobutadiene
Concen: 47.425 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076674.D
Acq: 14 Feb 2023 20:36



Tgt Ion:225 Resp: 122550
Ion Ratio Lower Upper
225 100
223 64.1 31.6 95.0
227 63.6 31.3 93.9





#95

Naphthalene

Concen: 54.548 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 872733

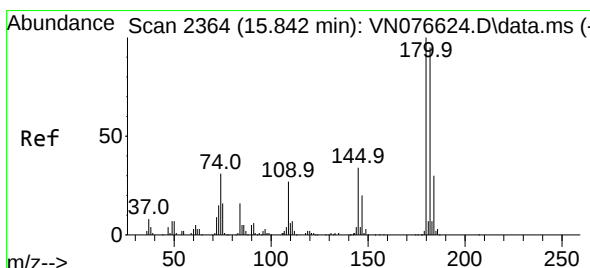
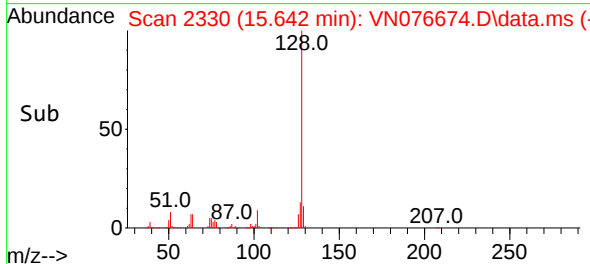
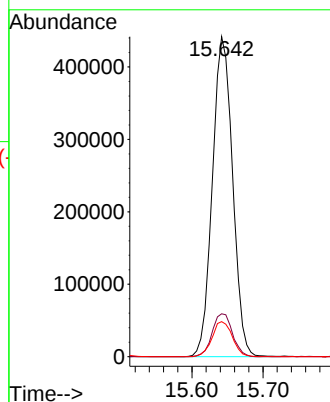
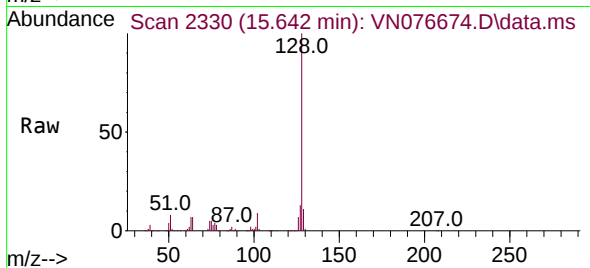
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.181 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076674.D

Acq: 14 Feb 2023 20:36

Tgt Ion:180 Resp: 261433

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.7	140.1
145	33.0	16.0	47.9

