

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076948.D
 Acq On : 11 Mar 2023 00:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

Quant Time: Mar 13 01:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	396801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	667626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	595672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	282811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	304684	51.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.920%			
35) Dibromofluoromethane	8.172	113	231613	52.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.572	98	860150	52.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.854	95	331390	55.249	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	335015	46.874	ug/l	100
3) Chloromethane	2.378	50	228866	59.175	ug/l	97
4) Vinyl Chloride	2.531	62	205620	57.276	ug/l	93
5) Bromomethane	2.954	94	118432	44.849	ug/l	87
6) Chloroethane	3.131	64	102086	44.794	ug/l	100
7) Trichlorofluoromethane	3.507	101	466256	50.054	ug/l	97
8) Diethyl Ether	3.978	74	147913	49.354	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.390	101	223205	46.900	ug/l	98
10) Methyl Iodide	4.607	142	184118	36.963	ug/l	92
11) Tert butyl alcohol	5.531	59	189038	229.493	ug/l	100
12) 1,1-Dichloroethene	4.354	96	214857	48.987	ug/l	92
13) Acrolein	4.190	56	164331	221.948	ug/l	99
14) Allyl chloride	5.037	41	293110	46.584	ug/l	89
15) Acrylonitrile	5.731	53	525056	225.542	ug/l	99
16) Acetone	4.437	43	419764	204.577	ug/l	94
17) Carbon Disulfide	4.725	76	612572	50.419	ug/l	97
18) Methyl Acetate	5.037	43	337979	44.663	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	808967	51.871	ug/l	99
20) Methylene Chloride	5.290	84	243739	46.199	ug/l	89
21) trans-1,2-Dichloroethene	5.801	96	226956	48.811	ug/l	86
22) Diisopropyl ether	6.684	45	669711	48.110	ug/l	97
23) Vinyl Acetate	6.613	43	2198653	256.480	ug/l	94
24) 1,1-Dichloroethane	6.584	63	433334	48.734	ug/l	98
25) 2-Butanone	7.489	43	638152	218.677	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	357026	45.372	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	262467	48.918	ug/l	89
28) Bromochloromethane	7.819	49	162047	50.380	ug/l	92
29) Tetrahydrofuran	7.842	42	415190	229.538	ug/l	89
30) Chloroform	7.972	83	464460	48.614	ug/l	97
31) Cyclohexane	8.266	56	395591	46.564	ug/l	91
32) 1,1,1-Trichloroethane	8.178	97	461776	51.553	ug/l	98
36) 1,1-Dichloropropene	8.378	75	342726	49.803	ug/l	95
37) Ethyl Acetate	7.566	43	272508	49.517	ug/l	95
38) Carbon Tetrachloride	8.372	117	403652	50.118	ug/l	100
39) Methylcyclohexane	9.607	83	422663	50.597	ug/l #	85
40) Benzene	8.613	78	1018210	50.196	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	153506	46.876	ug/l	89
42) 1,2-Dichloroethane	8.678	62	377434	47.703	ug/l	94
43) Isopropyl Acetate	8.695	43	488578	50.292	ug/l	93
44) Trichloroethene	9.354	130	251061	47.892	ug/l	99
45) 1,2-Dichloropropane	9.625	63	244297	48.949	ug/l	97
46) Dibromomethane	9.713	93	171362	49.163	ug/l	96
47) Bromodichloromethane	9.889	83	382494	51.726	ug/l	96
48) Methyl methacrylate	9.683	41	235718	49.521	ug/l #	85
49) 1,4-Dioxane	9.695	88	82354	913.712	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	1373446	235.344	ug/l	95
52) Toluene	10.636	92	682101	54.637	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	384169	52.111	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	412168	50.910	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	238601	49.121	ug/l	99
56) Ethyl methacrylate	10.877	69	384311	52.163	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	414014	48.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	596560	254.278	ug/l	97
59) 2-Hexanone	11.201	43	987152	231.990	ug/l	93
60) Dibromochloromethane	11.360	129	281403	52.583	ug/l	97
61) 1,2-Dibromoethane	11.472	107	249918	51.334	ug/l	98
64) Tetrachloroethene	11.107	164	213734	44.334	ug/l	99
65) Chlorobenzene	11.895	112	649903	48.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	264336	50.820	ug/l	95
67) Ethyl Benzene	11.966	91	1268596	51.778	ug/l	96
68) m/p-Xylenes	12.072	106	945589	102.685	ug/l	86
69) o-Xylene	12.401	106	464422	51.949	ug/l	83
70) Styrene	12.413	104	753731	52.187	ug/l #	91
71) Bromoform	12.577	173	197510	52.397	ug/l #	99
73) Isopropylbenzene	12.701	105	1247452	49.501	ug/l	96
74) N-amyl acetate	12.495	43	417746	50.067	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	338197	45.609	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	311454m	45.424	ug/l	
77) Bromobenzene	12.983	156	267220	47.433	ug/l	91
78) n-propylbenzene	13.036	91	1426909	50.848	ug/l	96
79) 2-Chlorotoluene	13.130	91	887880	48.790	ug/l	91
80) 1,3,5-Trimethylbenzene	13.177	105	1101090	51.293	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.742	75	97699	46.544	ug/l #	87
82) 4-Chlorotoluene	13.224	91	859577	49.988	ug/l	90
83) tert-Butylbenzene	13.442	119	919629	50.427	ug/l	90
84) 1,2,4-Trimethylbenzene	13.483	105	1081090	50.338	ug/l	91
85) sec-Butylbenzene	13.618	105	1287291	51.496	ug/l	97
86) p-Isopropyltoluene	13.730	119	1093790	54.184	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	503483	49.037	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	496065	48.163	ug/l	97
89) n-Butylbenzene	14.060	91	932142	55.336	ug/l	98
90) Hexachloroethane	14.336	117	188078	48.488	ug/l	85
91) 1,2-Dichlorobenzene	14.107	146	488358	47.347	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	80292	49.044	ug/l	84
93) 1,2,4-Trichlorobenzene	15.395	180	301916	52.659	ug/l	98
94) Hexachlorobutadiene	15.507	225	154044	50.429	ug/l	98
95) Naphthalene	15.642	128	973099	57.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	292437	52.526	ug/l	98

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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

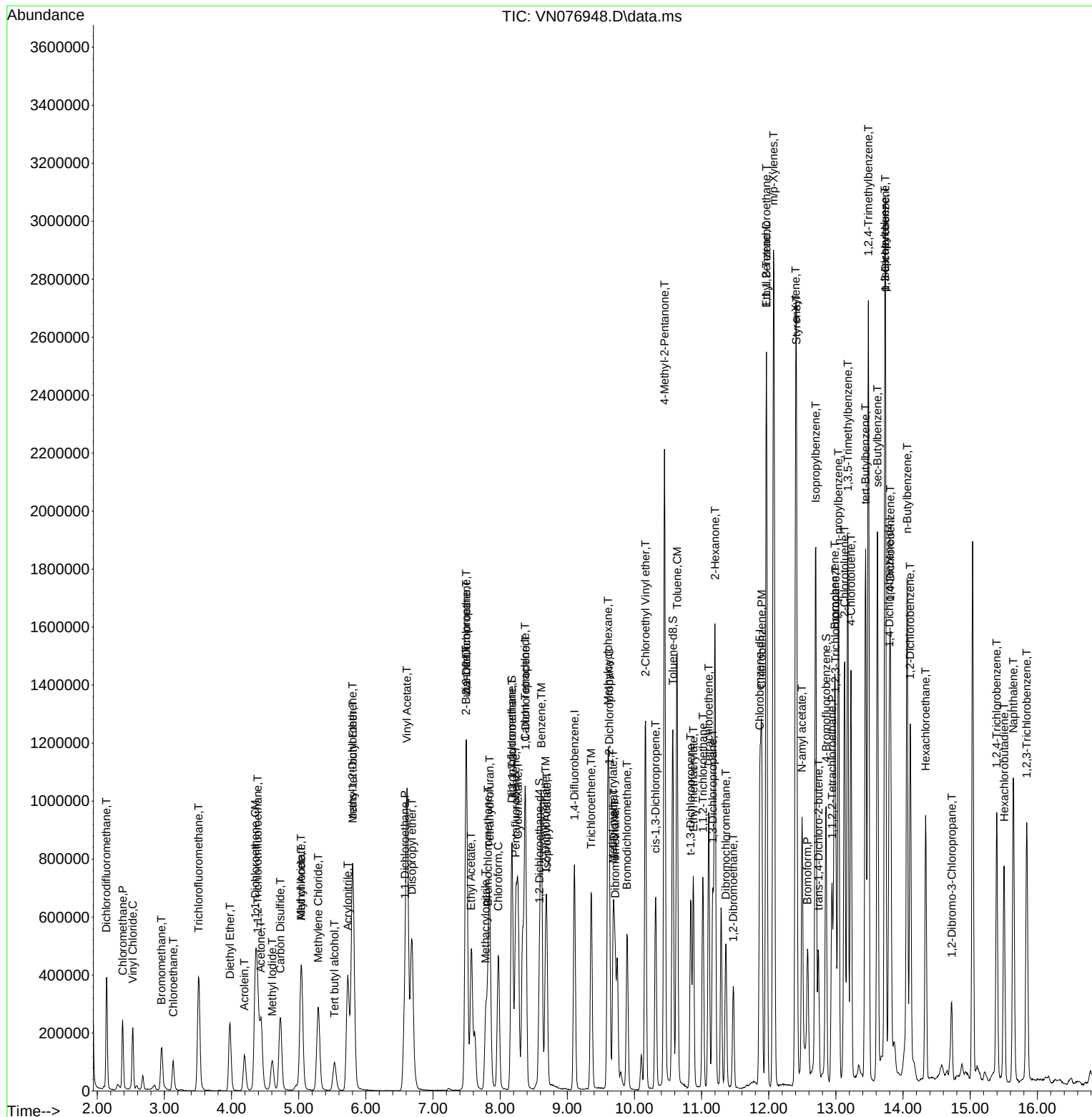
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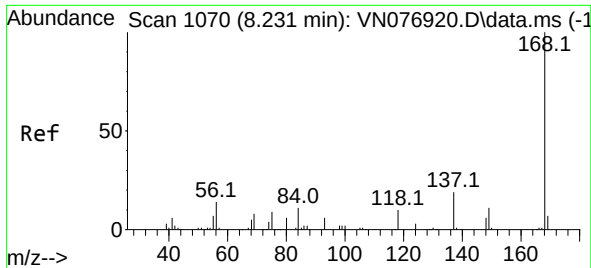
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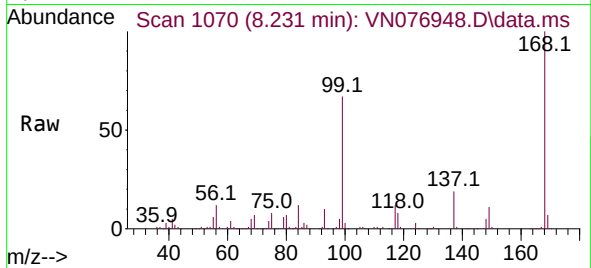
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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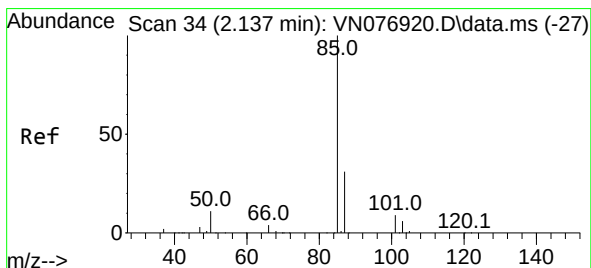
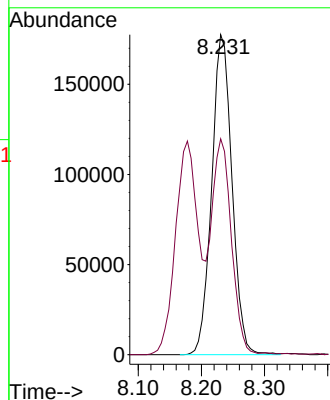
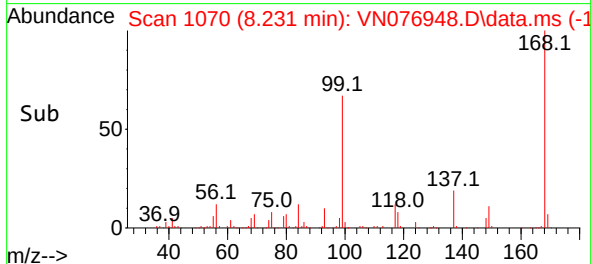
Instrument :
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Tgt Ion:168 Resp: 39680
Ion Ratio Lower Upper
168 100
99 67.2 48.6 73.0

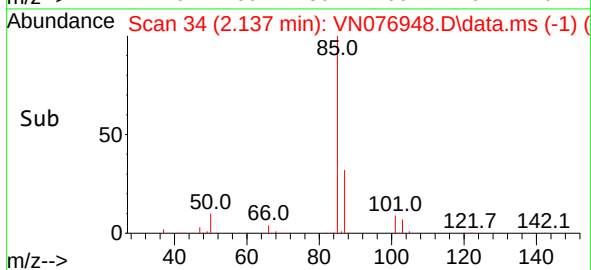
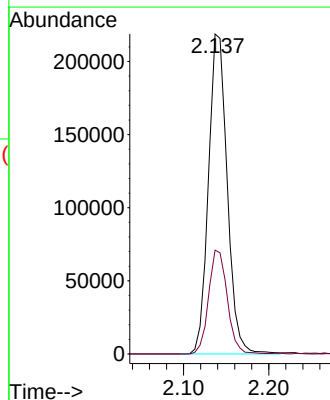
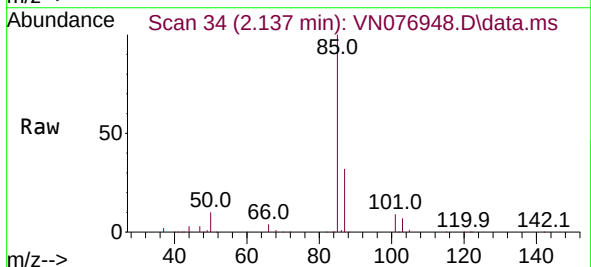
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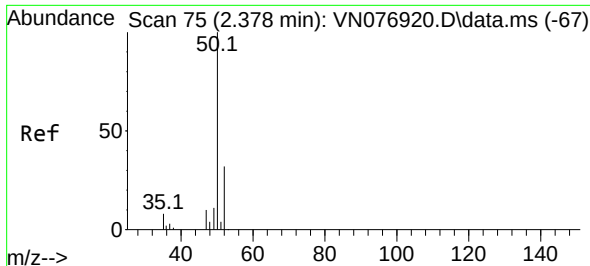
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#2
Dichlorodifluoromethane
Concen: 46.874 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076948.D
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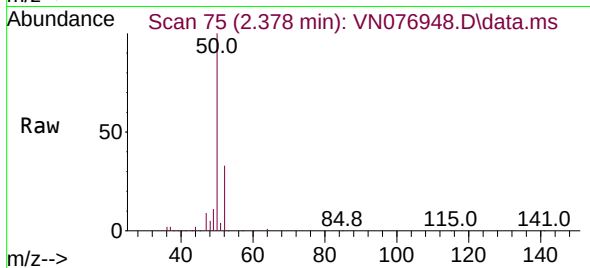
Tgt Ion: 85 Resp: 335015
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 59.175 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

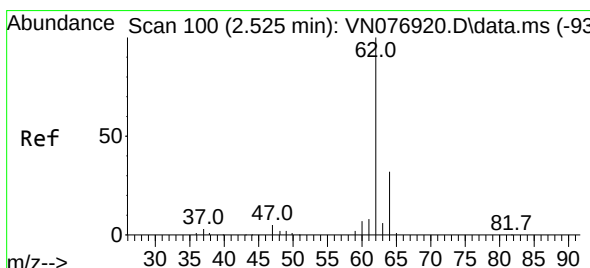
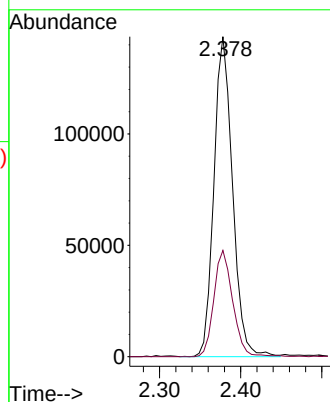
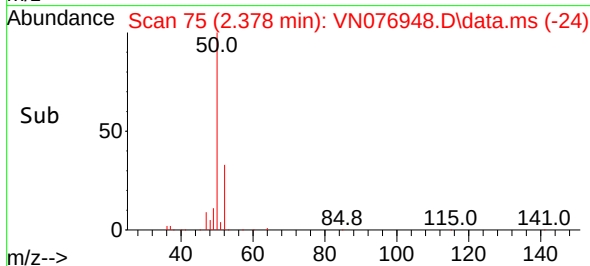
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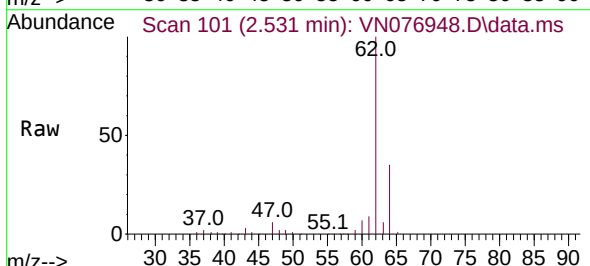
Tgt Ion: 50 Resp: 228860
Ion Ratio Lower Upper
50 100
52 33.2 27.9 41.9

Manual Integrations
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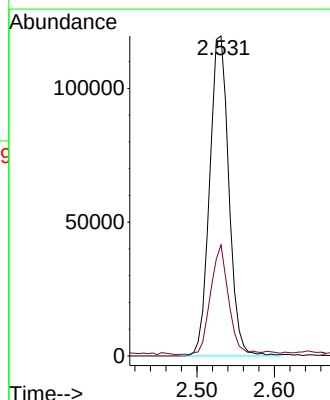
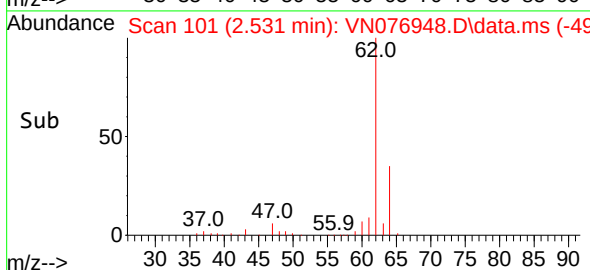
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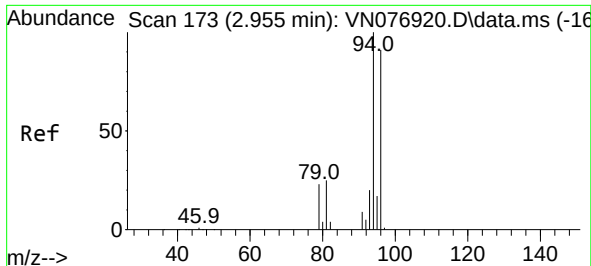


#4
Vinyl Chloride
Concen: 57.276 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



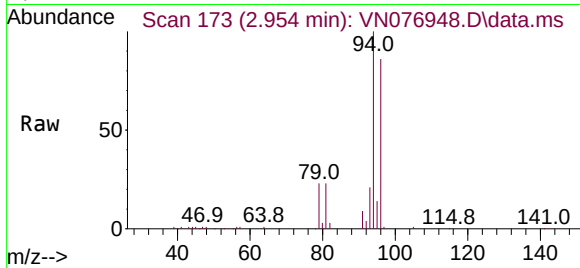
Tgt Ion: 62 Resp: 205620
Ion Ratio Lower Upper
62 100
64 34.2 24.5 36.7





#5
Bromomethane
Concen: 44.849 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076948.D
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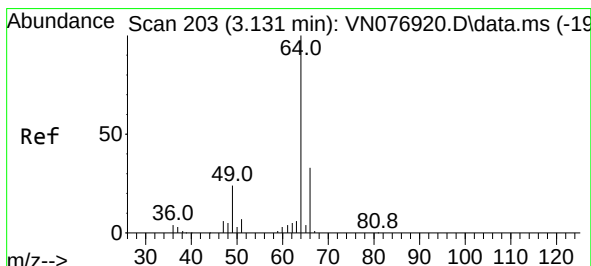
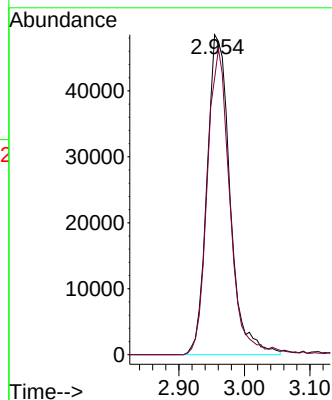
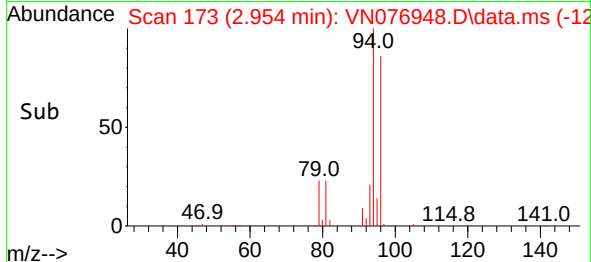
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Tgt Ion: 94 Resp: 11843
Ion Ratio Lower Upper
94 100
96 86.3 79.0 118.6

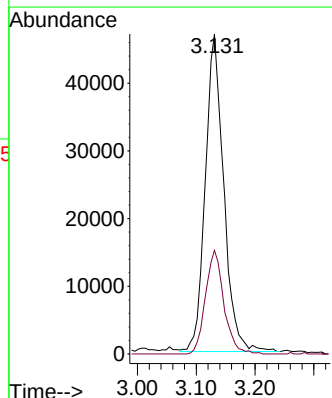
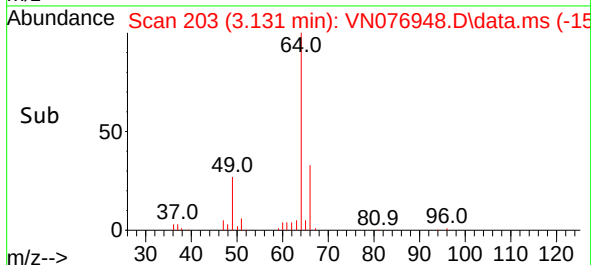
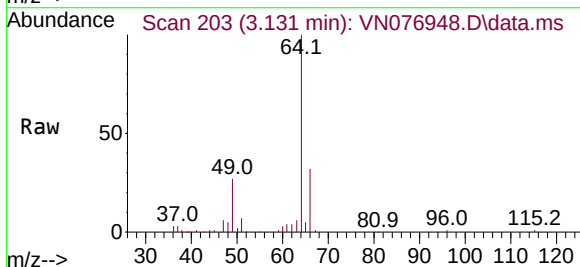
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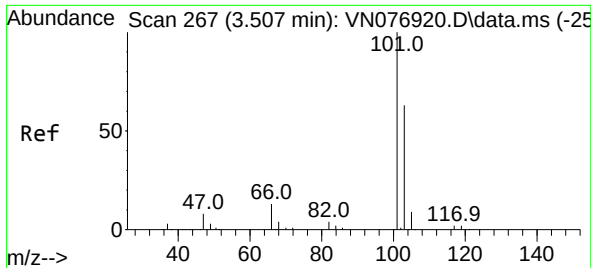
Reviewed By :John Carlone 03/13/2023
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#6
Chloroethane
Concen: 44.794 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Tgt Ion: 64 Resp: 102086
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





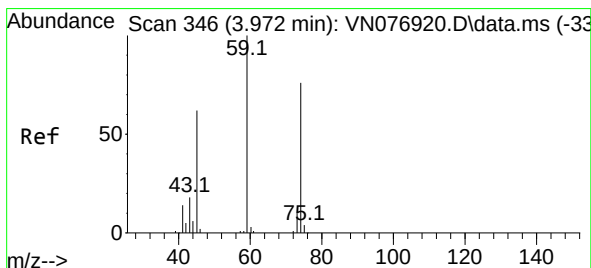
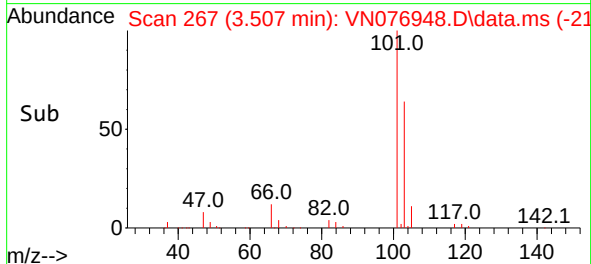
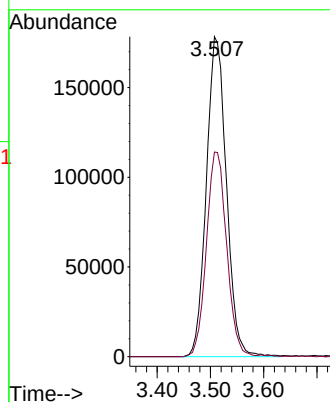
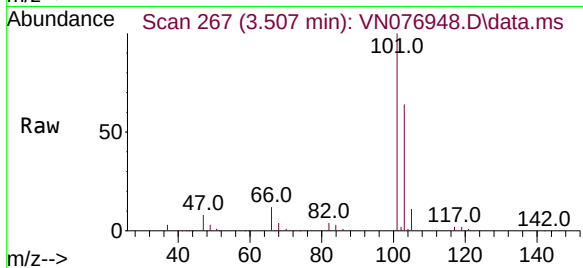
#7
 Trichlorofluoromethane
 Concen: 50.054 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 466250
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.4 80.0

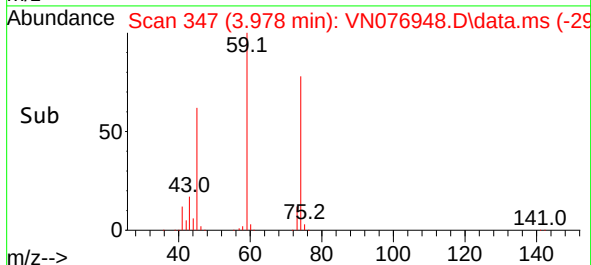
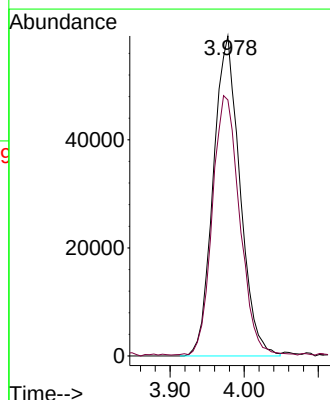
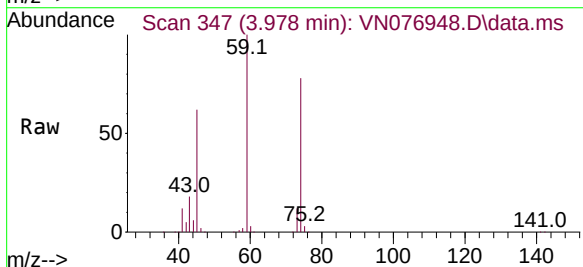
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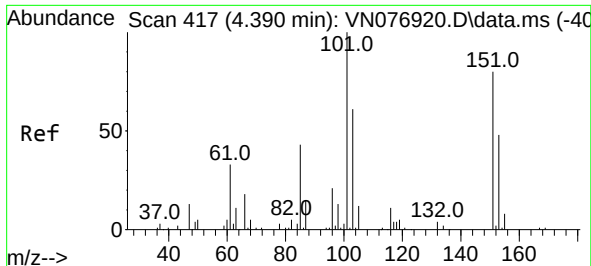
Reviewed By :John Carlone 03/13/2023
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#8
 Diethyl Ether
 Concen: 49.354 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

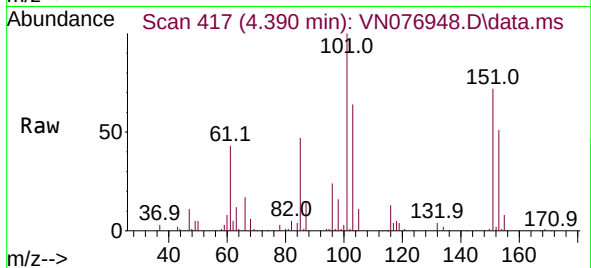
Tgt Ion: 74 Resp: 147913
 Ion Ratio Lower Upper
 74 100
 45 83.2 35.5 106.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.900 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

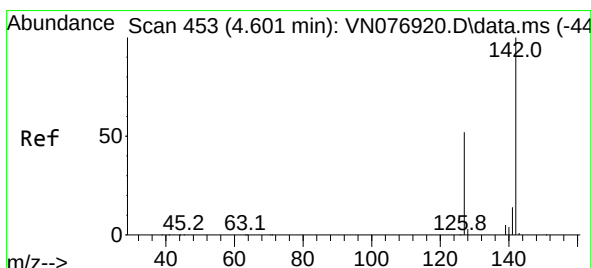
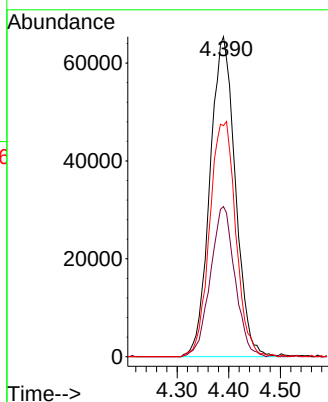
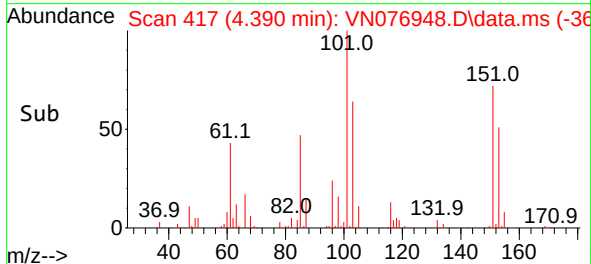
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



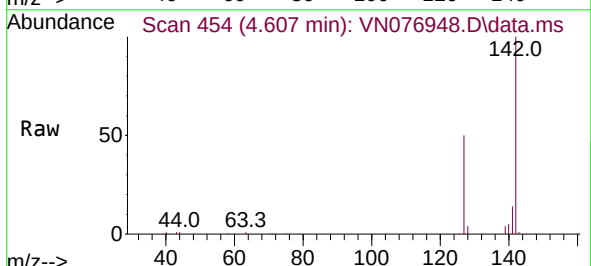
Tgt Ion:101 Resp: 22320
Ion Ratio Lower Upper
101 100
85 45.4 35.2 52.8
151 75.4 58.9 88.3

Manual Integrations
APPROVED

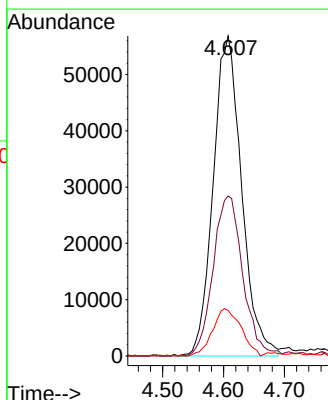
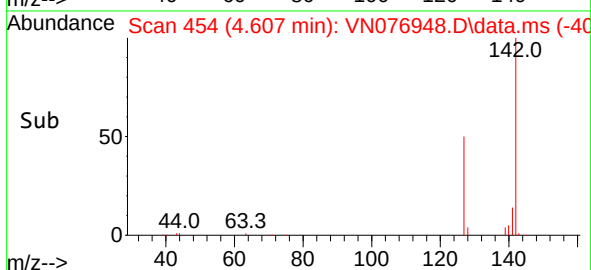
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

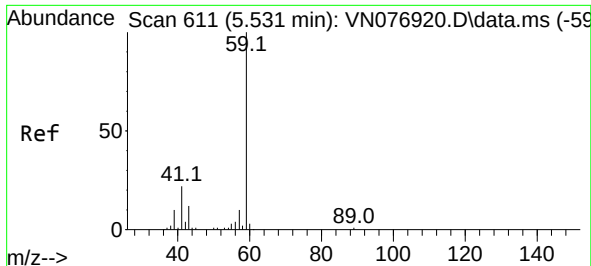


#10
Methyl Iodide
Concen: 36.963 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



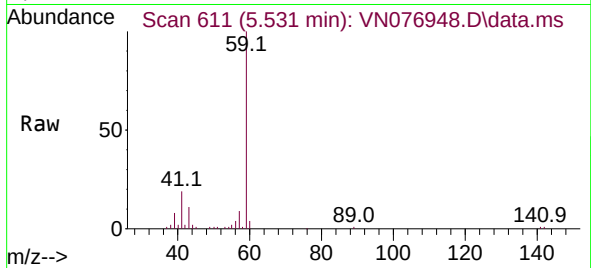
Tgt Ion:142 Resp: 184118
Ion Ratio Lower Upper
142 100
127 50.0 35.2 52.8
141 14.2 10.2 15.2





#11
Tert butyl alcohol
Concen: 229.493 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

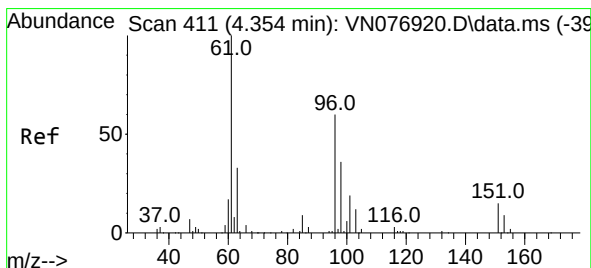
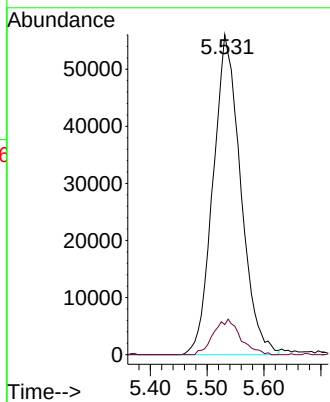
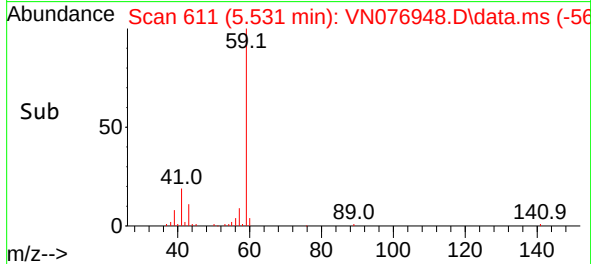
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 189038
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

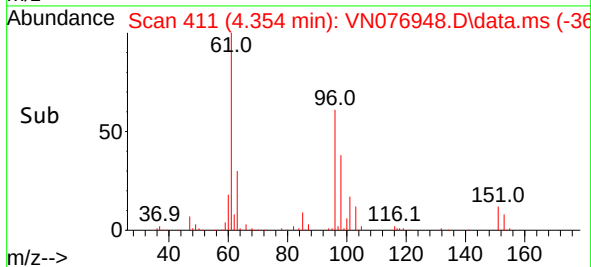
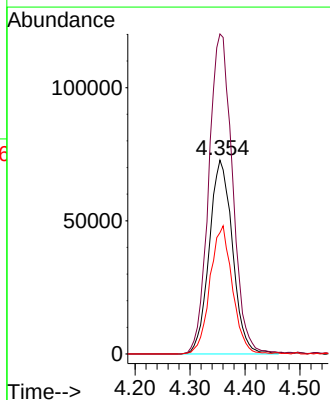
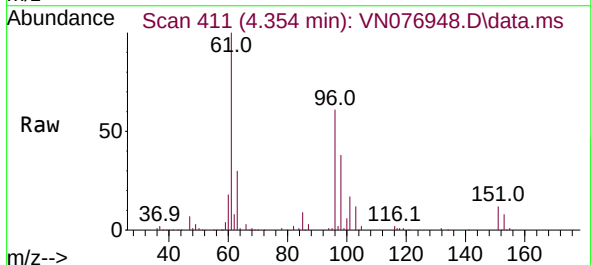
Manual Integrations
APPROVED

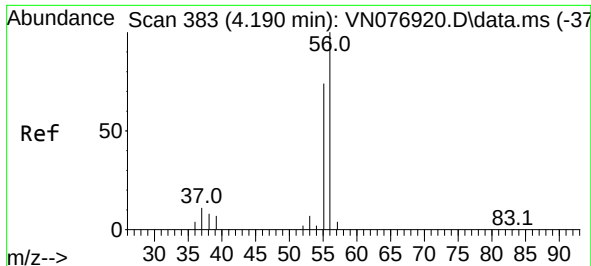
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#12
1,1-Dichloroethene
Concen: 48.987 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

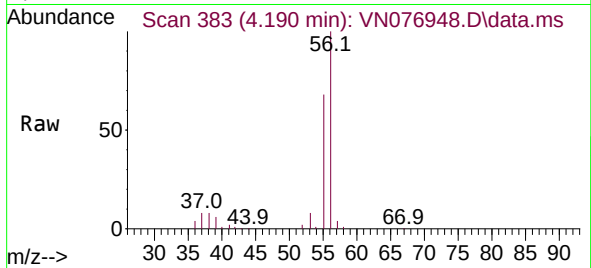
Tgt Ion: 96 Resp: 214857
Ion Ratio Lower Upper
96 100
61 165.2 121.3 181.9
98 62.6 52.1 78.1





#13
Acrolein
Concen: 221.948 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

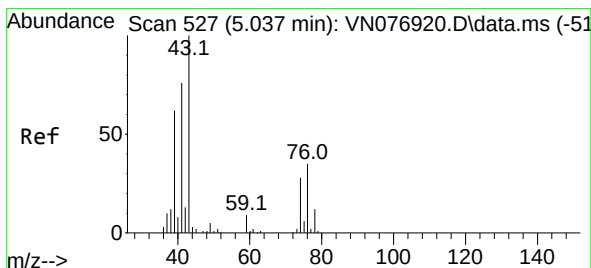
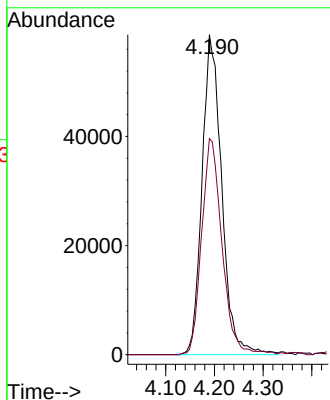
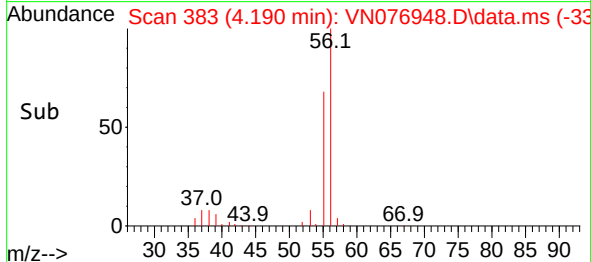
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16433
Ion Ratio Lower Upper
56 100
55 70.0 56.7 85.1

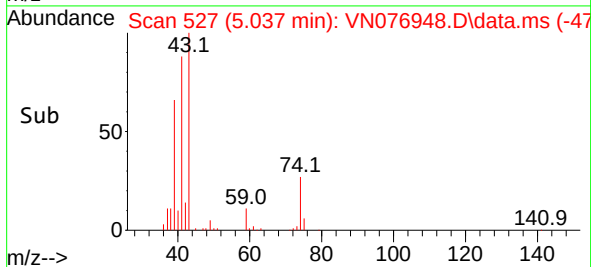
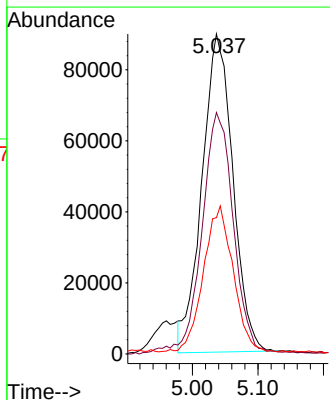
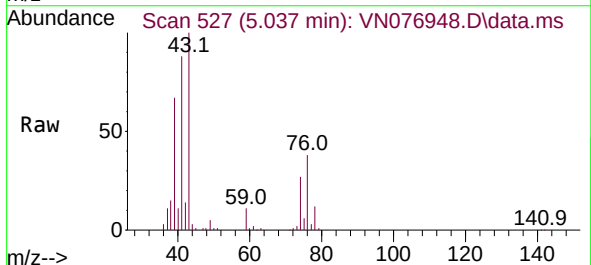
Manual Integrations
APPROVED

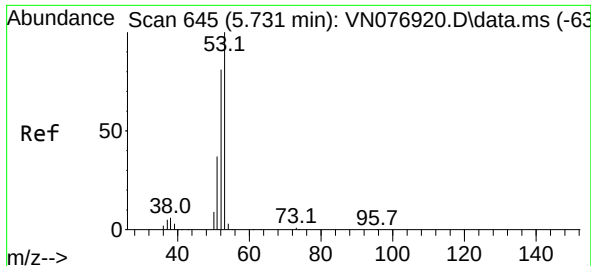
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#14
Allyl chloride
Concen: 46.584 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

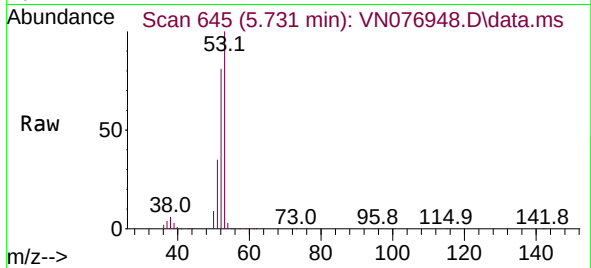
Tgt Ion: 41 Resp: 293110
Ion Ratio Lower Upper
41 100
39 78.2 68.1 102.1
76 44.1 44.1 66.1





#15
Acrylonitrile
Concen: 225.542 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

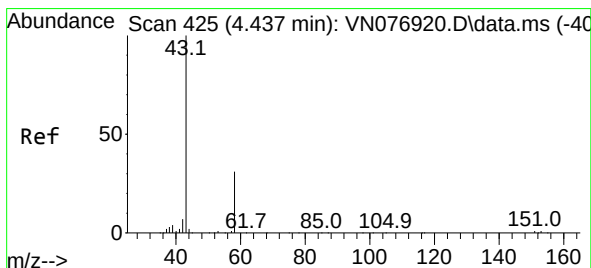
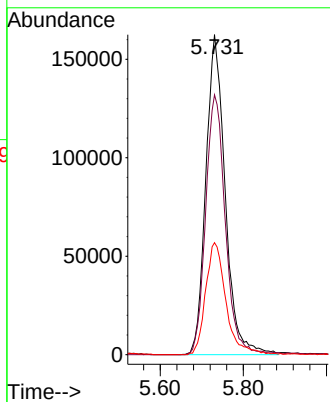
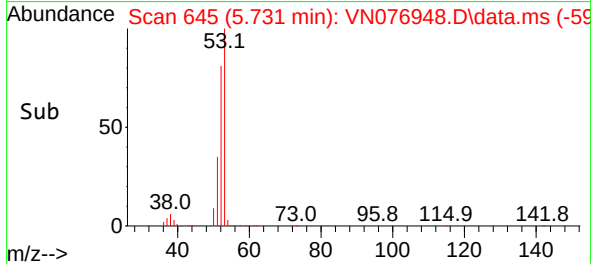
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



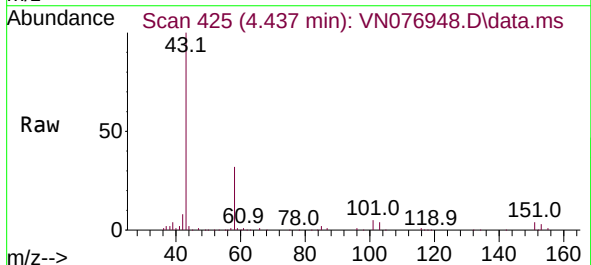
Tgt Ion: 53 Resp: 525050
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.9 28.8 43.2

Manual Integrations
APPROVED

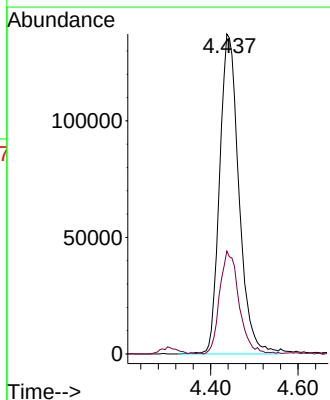
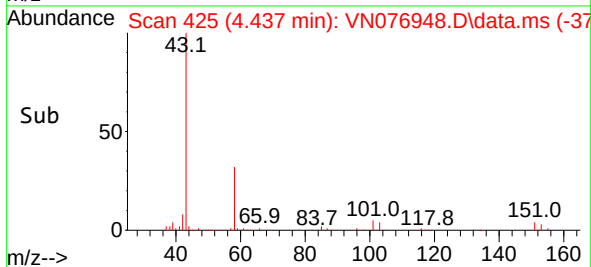
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

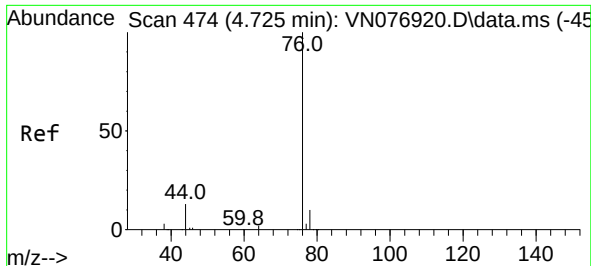


#16
Acetone
Concen: 204.577 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



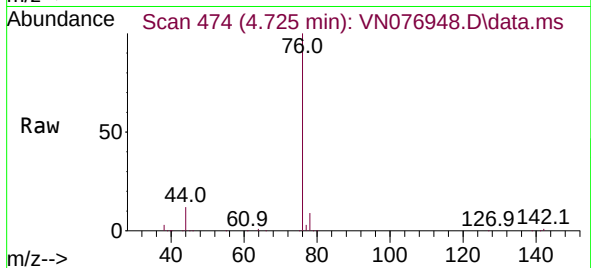
Tgt Ion: 43 Resp: 419764
Ion Ratio Lower Upper
43 100
58 31.7 28.2 42.2





#17
Carbon Disulfide
Concen: 50.419 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

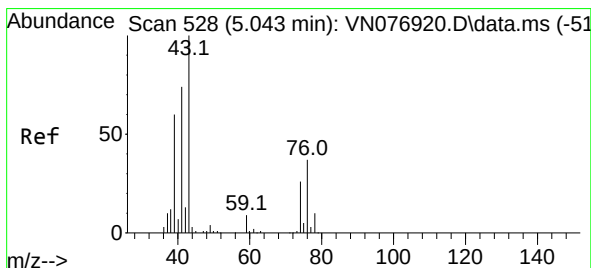
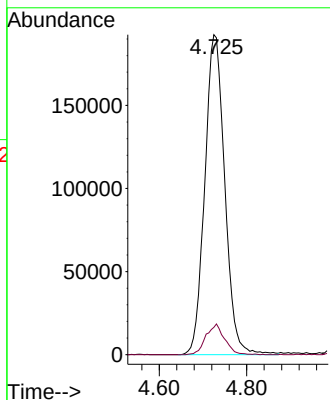
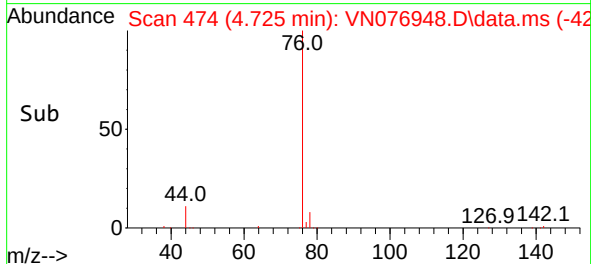
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 612572
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

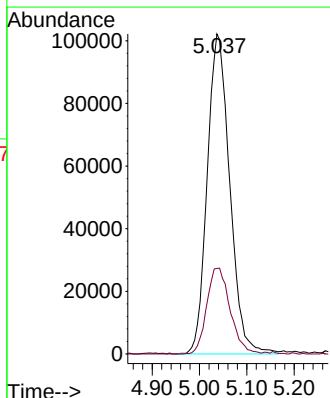
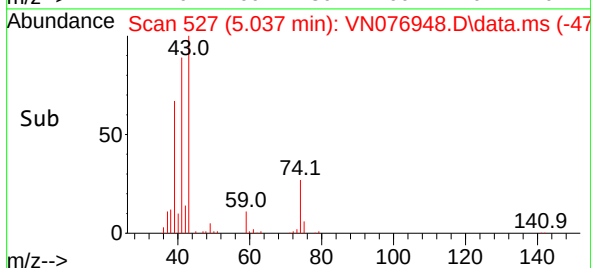
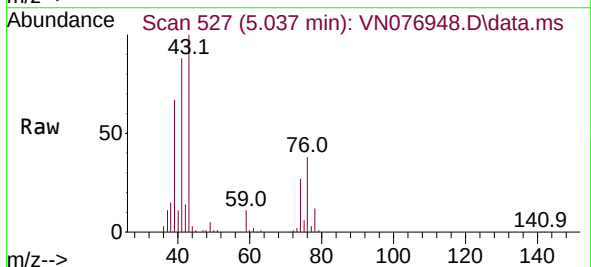
Manual Integrations
APPROVED

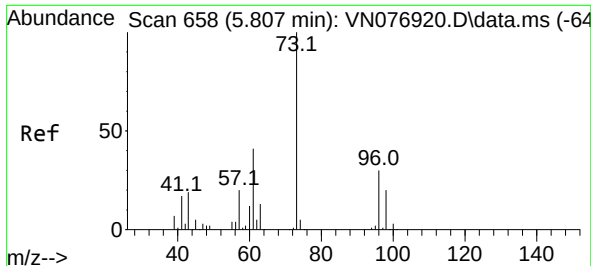
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#18
Methyl Acetate
Concen: 44.663 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

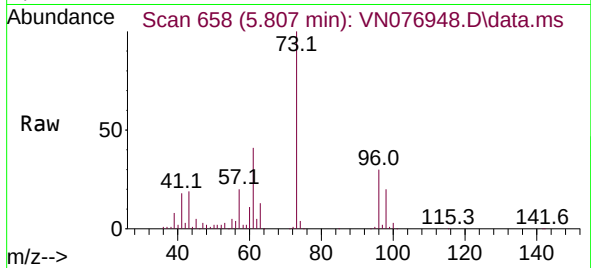
Tgt Ion: 43 Resp: 337979
Ion Ratio Lower Upper
43 100
74 27.7 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 51.871 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

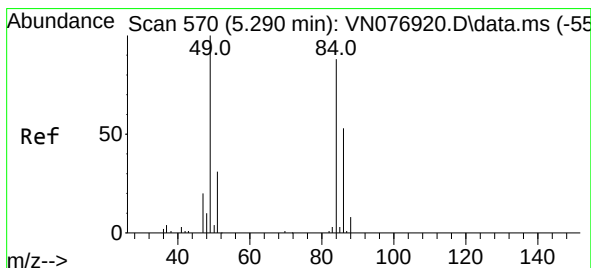
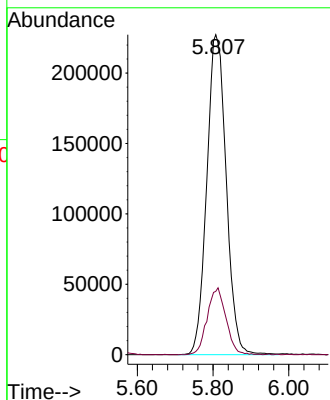
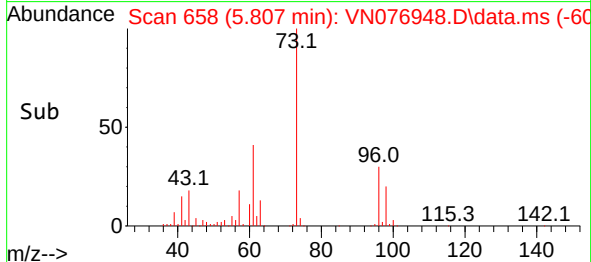
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 80896
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1

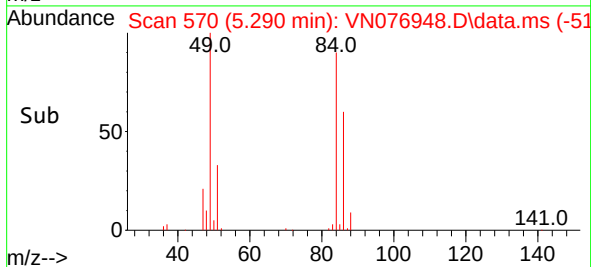
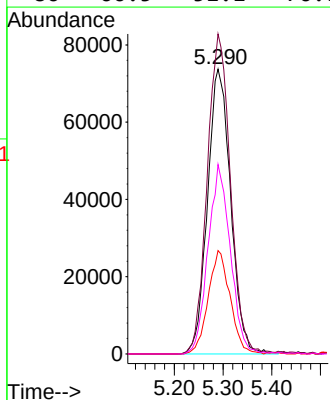
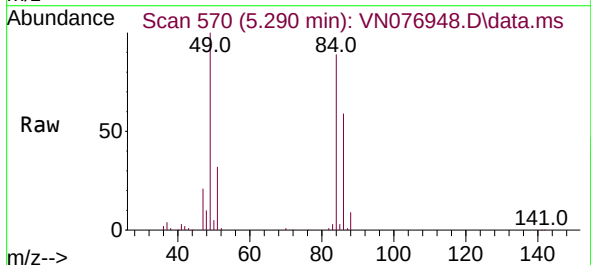
Manual Integrations
APPROVED

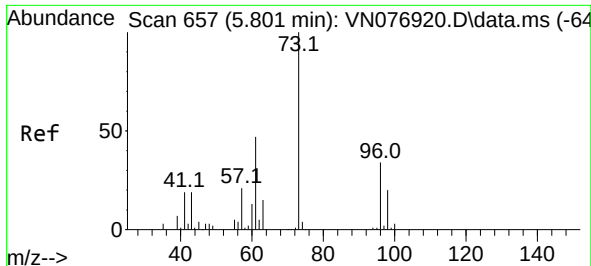
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 46.199 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

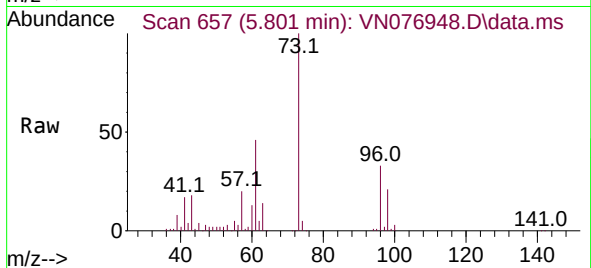
Tgt Ion: 84 Resp: 243739
Ion Ratio Lower Upper
84 100
49 112.4 76.6 114.8
51 36.3 25.4 38.2
86 66.5 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 48.811 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

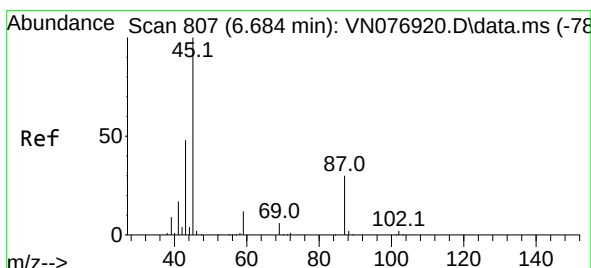
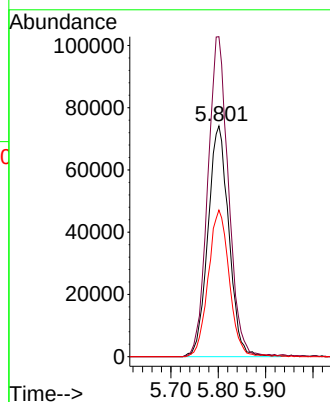
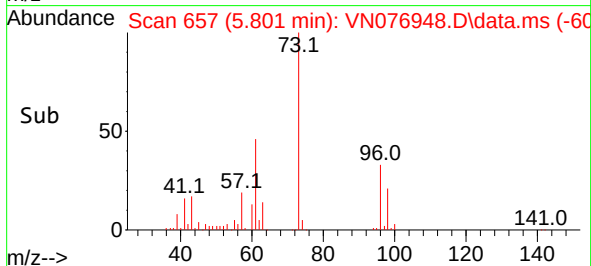
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 226950
Ion Ratio Lower Upper
96 100
61 138.7 95.0 142.6
98 63.6 54.5 81.7

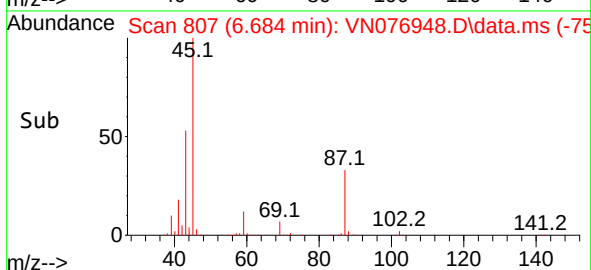
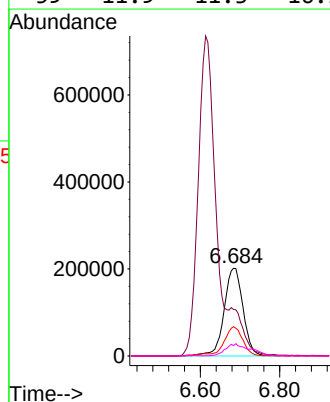
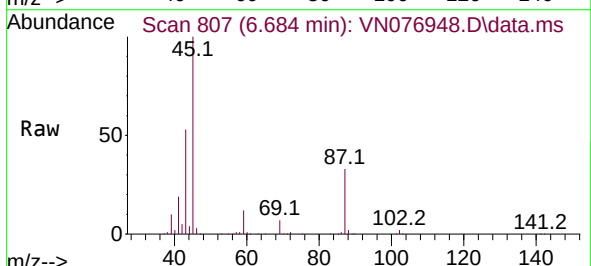
Manual Integrations
APPROVED

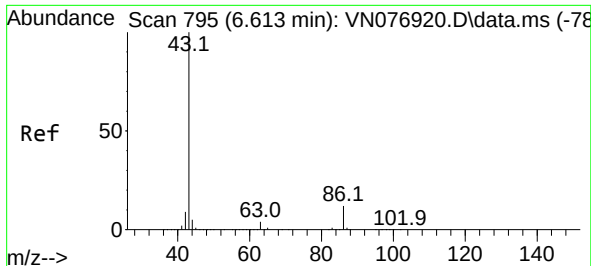
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 48.110 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

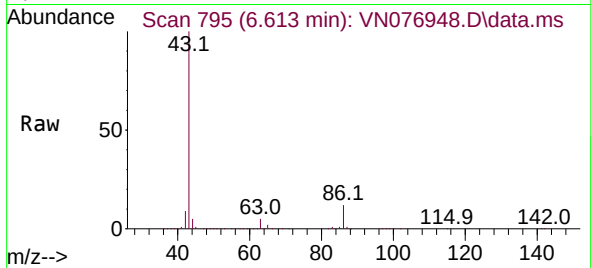
Tgt Ion: 45 Resp: 669711
Ion Ratio Lower Upper
45 100
43 52.7 42.6 63.8
87 33.2 29.7 44.5
59 11.9 11.3 16.9





#23
 Vinyl Acetate
 Concen: 256.480 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

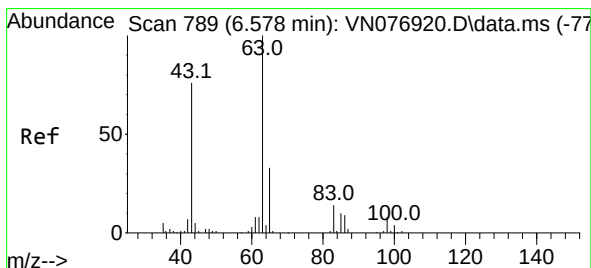
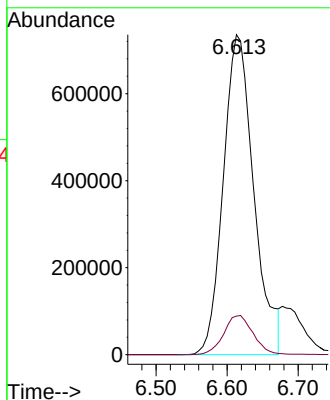
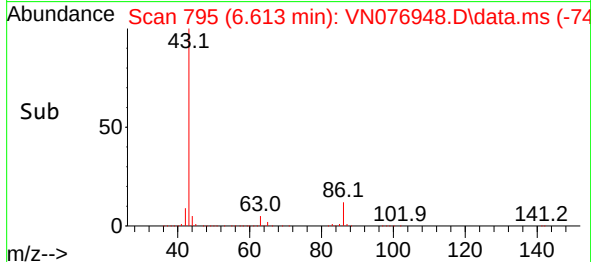
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



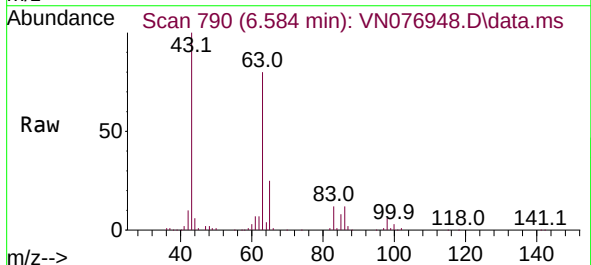
Tgt Ion: 43 Resp: 219865
 Ion Ratio Lower Upper
 43 100
 86 12.1 11.8 17.6

Manual Integrations
 APPROVED

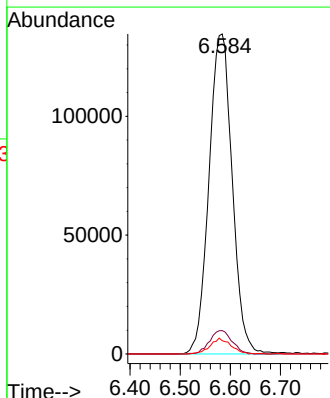
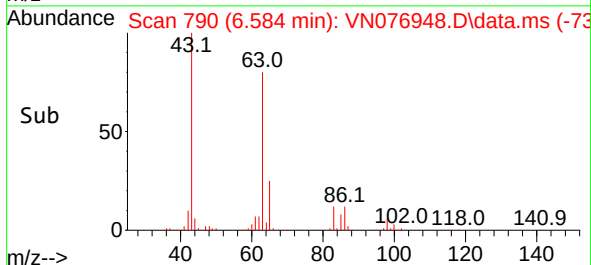
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

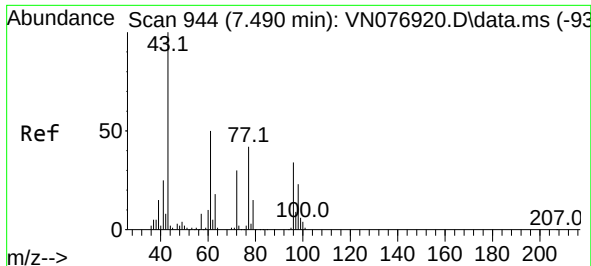


#24
 1,1-Dichloroethane
 Concen: 48.734 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52



Tgt Ion: 63 Resp: 433334
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.2 12.6
 100 4.1 2.2 6.6





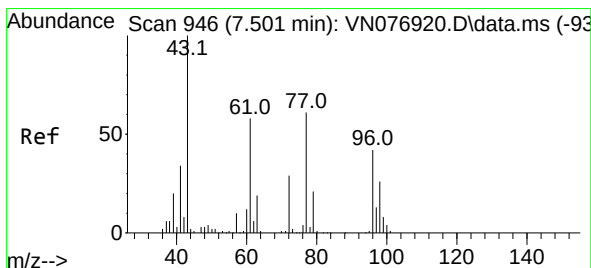
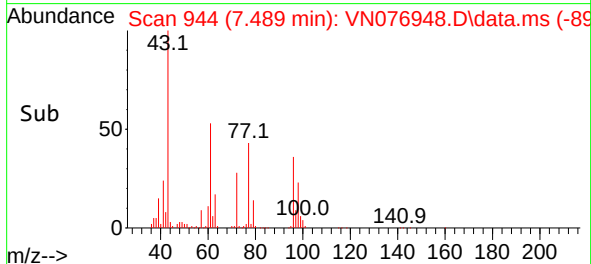
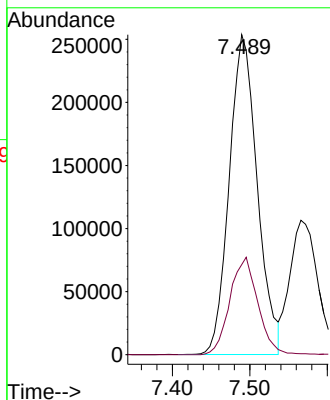
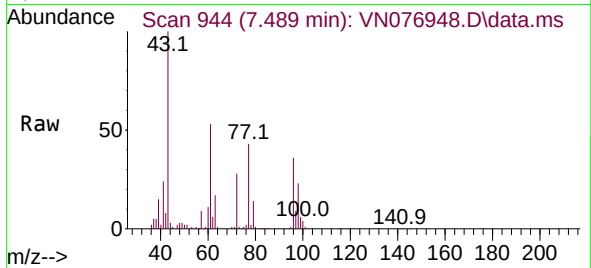
#25
2-Butanone
Concen: 218.677 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 638152
Ion Ratio Lower Upper
43 100
72 28.2 28.8 43.2

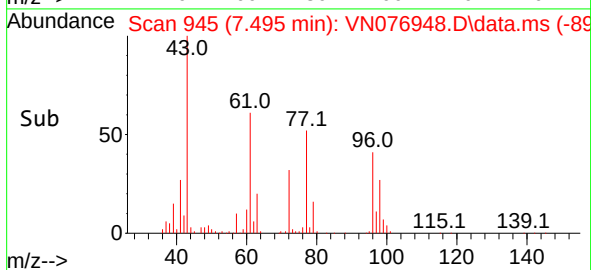
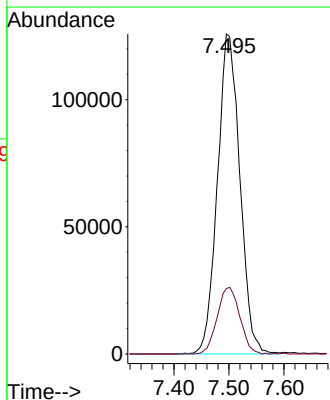
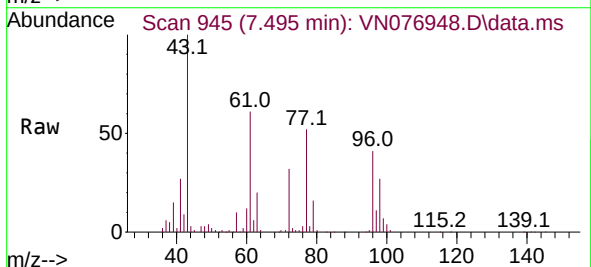
Manual Integrations
APPROVED

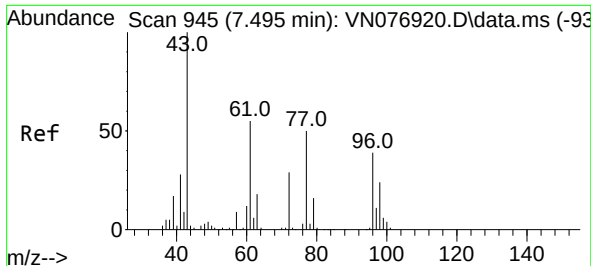
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 45.372 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

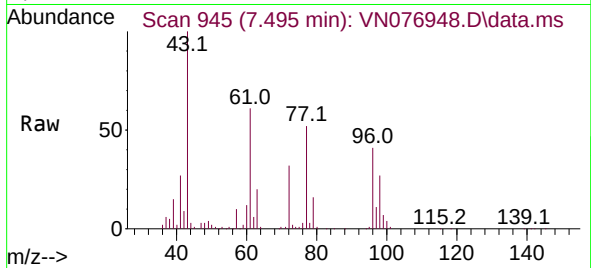
Tgt Ion: 77 Resp: 357026
Ion Ratio Lower Upper
77 100
97 20.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 48.918 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

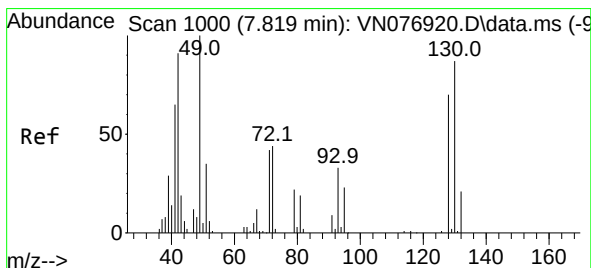
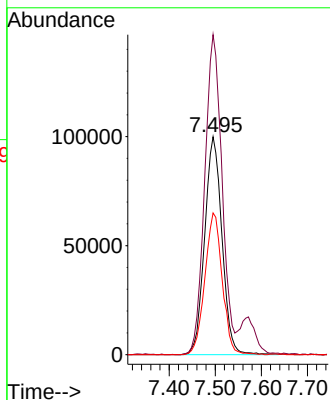
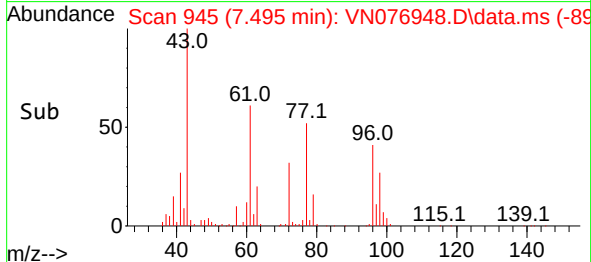
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 26246
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 255.6
 98 65.2 0.0 127.4

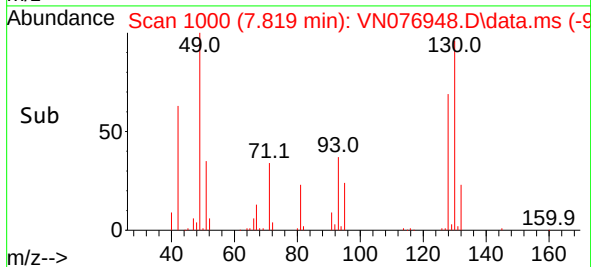
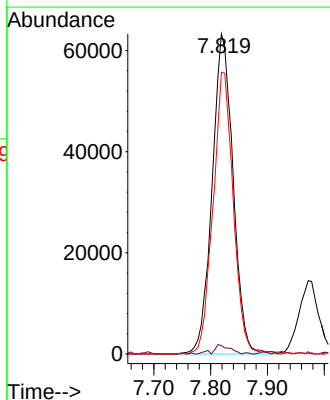
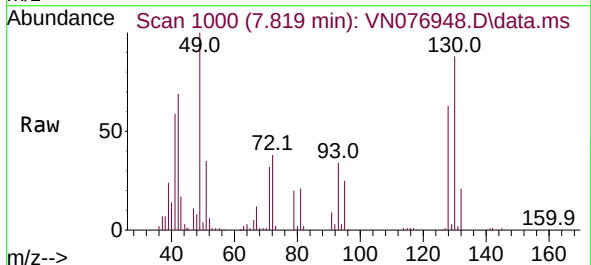
Manual Integrations
 APPROVED

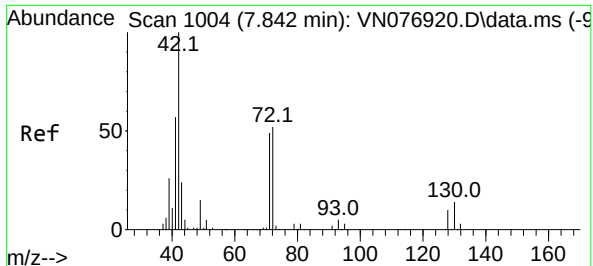
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#28
 Bromochloromethane
 Concen: 50.380 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

Tgt Ion: 49 Resp: 162047
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 85.5 74.8 112.2





#29

Tetrahydrofuran

Concen: 229.538 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 415190

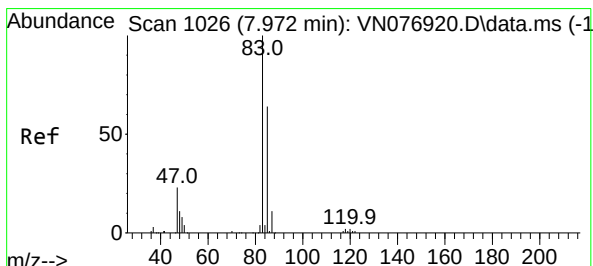
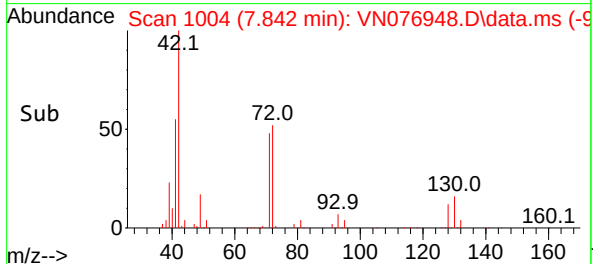
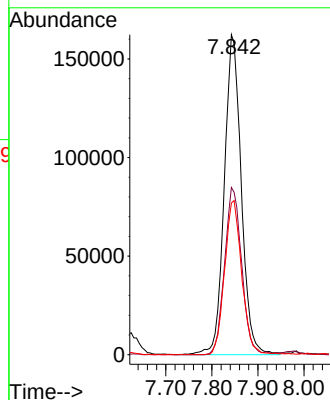
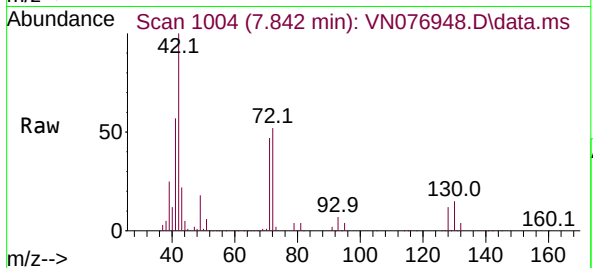
Ion	Ratio	Lower	Upper
42	100		
72	52.4	48.6	73.0
71	48.5	45.1	67.7

Manual Integrations

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Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 48.614 ug/l

RT: 7.972 min Scan# 1026

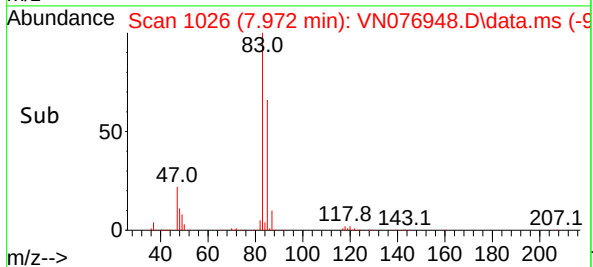
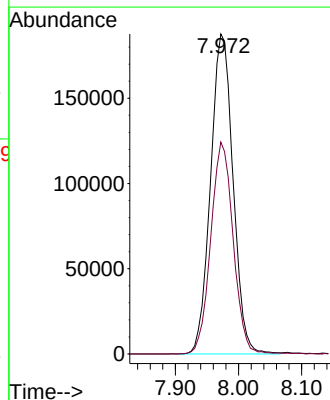
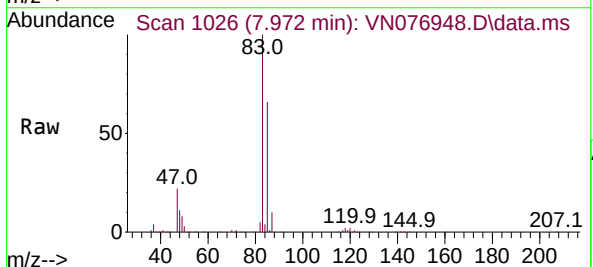
Delta R.T. -0.000 min

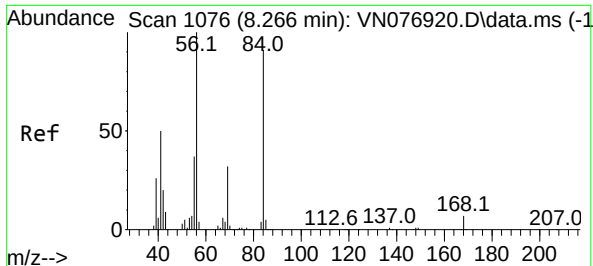
Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Tgt Ion: 83 Resp: 464460

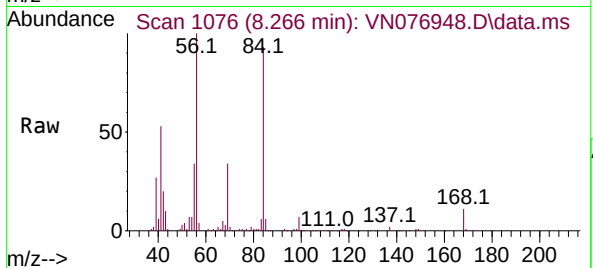
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.3	76.9





#31
Cyclohexane
Concen: 46.564 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

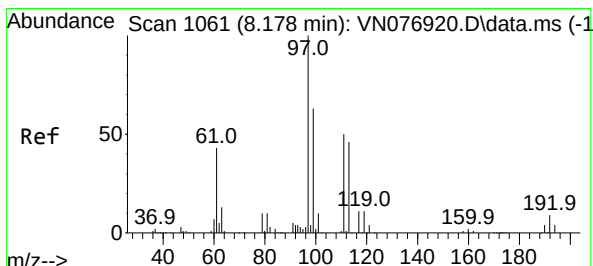
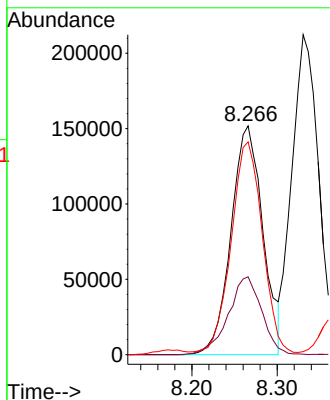
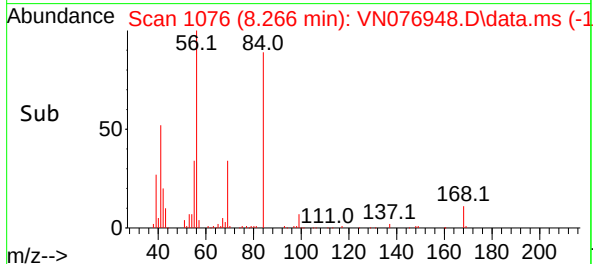
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



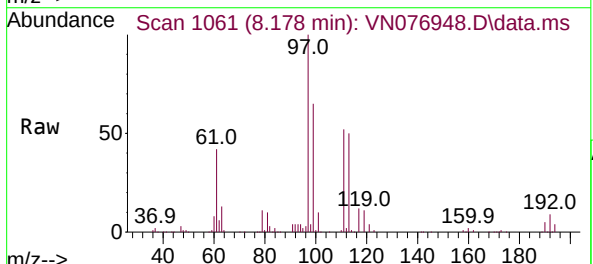
Tgt Ion: 56 Resp: 39559
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 91.0 82.9 124.3

Manual Integrations
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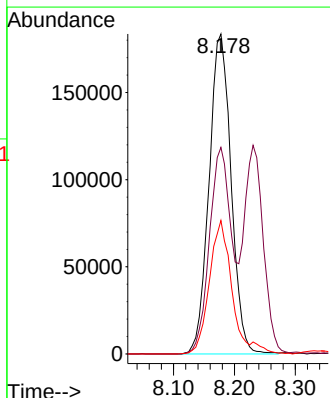
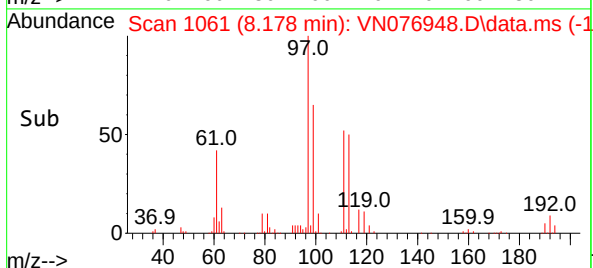
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

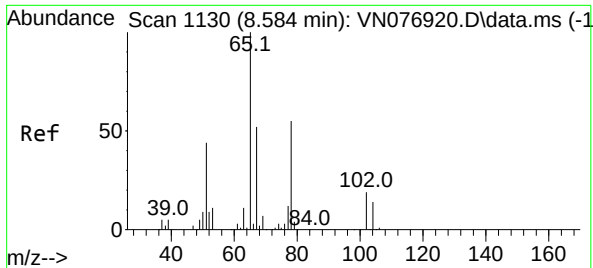


#32
1,1,1-Trichloroethane
Concen: 51.553 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion: 97 Resp: 461776
Ion Ratio Lower Upper
97 100
99 65.8 51.2 76.8
61 43.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.455 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 304684

Ion Ratio Lower Upper

65 100

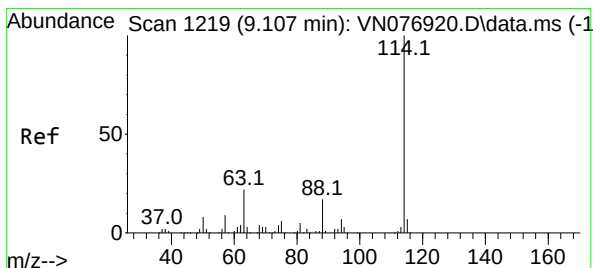
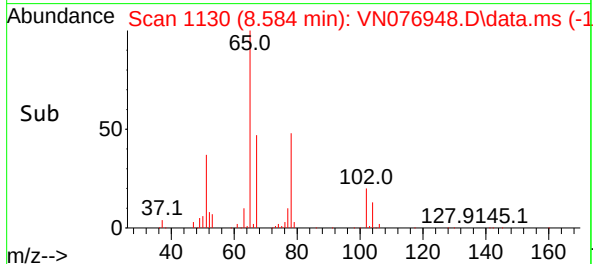
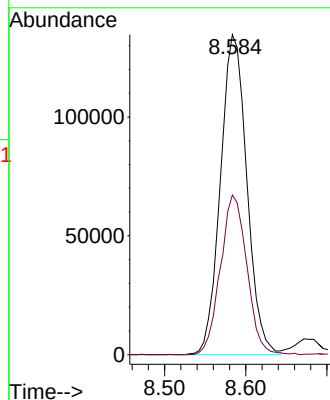
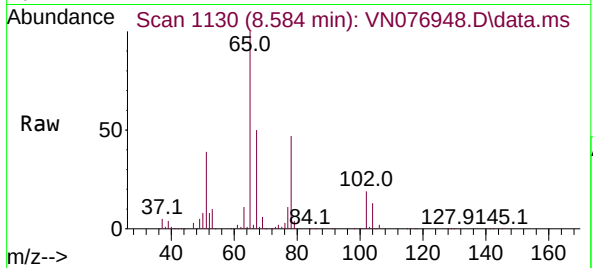
67 50.0 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

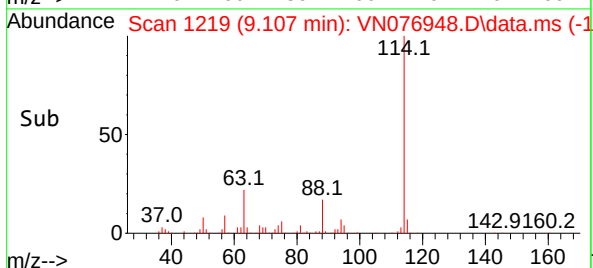
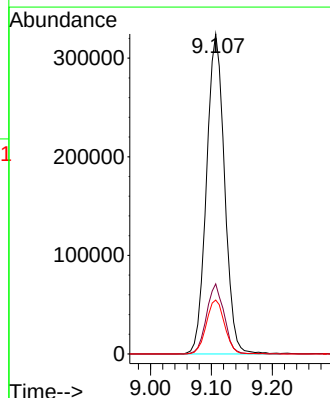
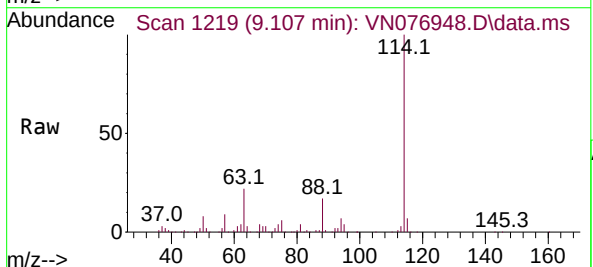
Tgt Ion:114 Resp: 667626

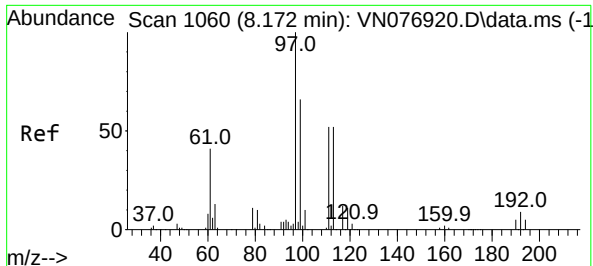
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.6

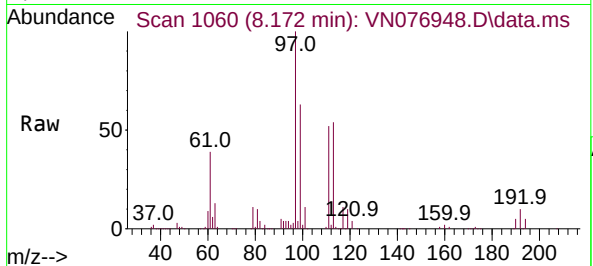
88 16.8 0.0 28.6





#35
Dibromofluoromethane
Concen: 52.054 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

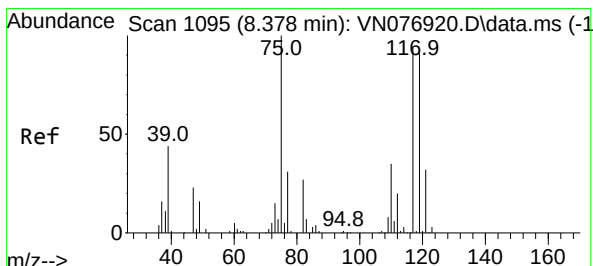
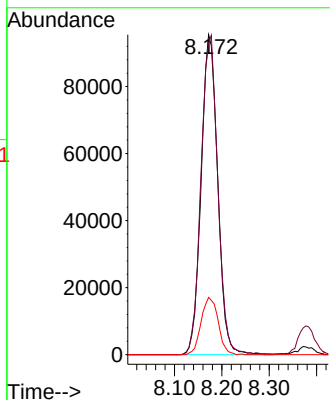
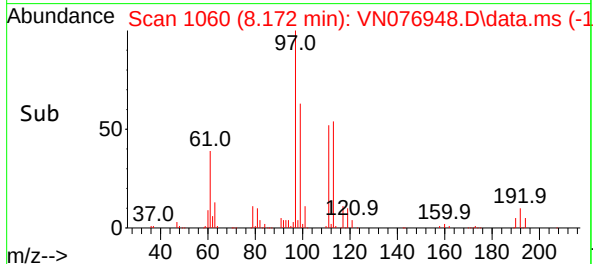
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 23161
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 18.4 13.9 20.9

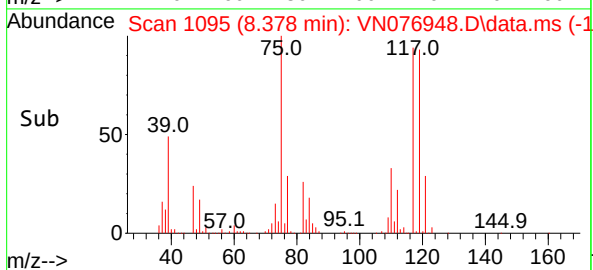
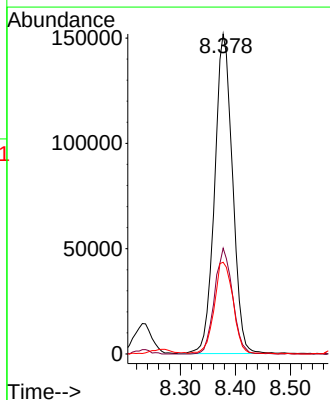
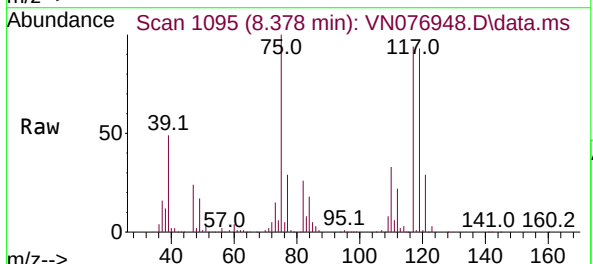
Manual Integrations
APPROVED

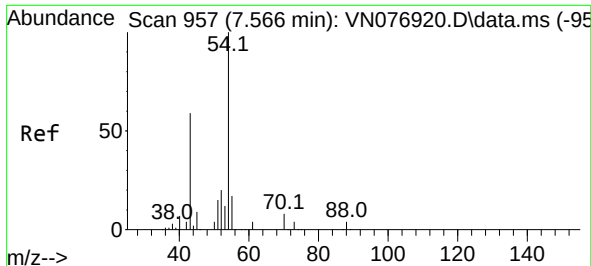
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#36
1,1-Dichloropropene
Concen: 49.803 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

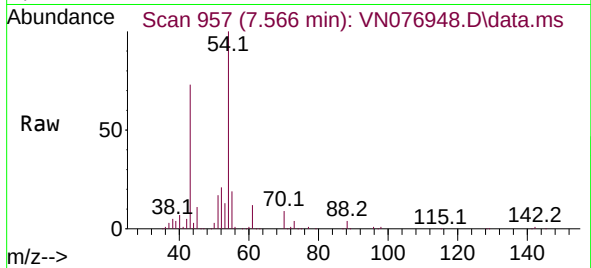
Tgt Ion: 75 Resp: 342726
Ion Ratio Lower Upper
75 100
110 33.4 18.9 56.9
77 29.9 24.9 37.3





#37
Ethyl Acetate
Concen: 49.517 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

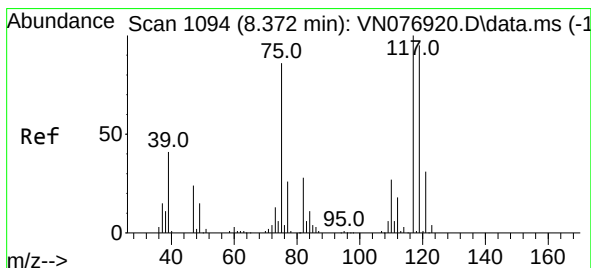
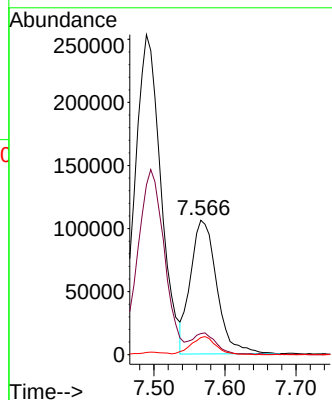
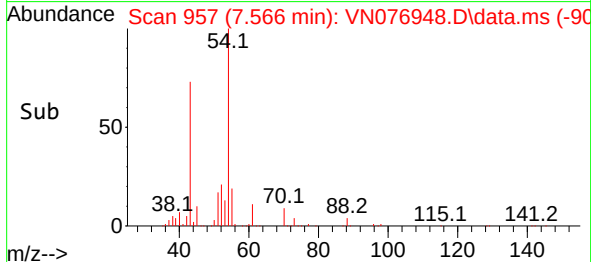
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 272508
Ion Ratio Lower Upper
43 100
61 13.8 13.5 20.3
70 12.9 11.0 16.6

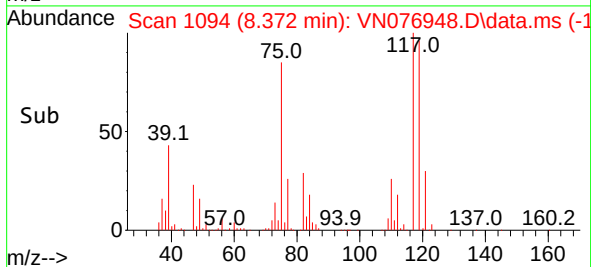
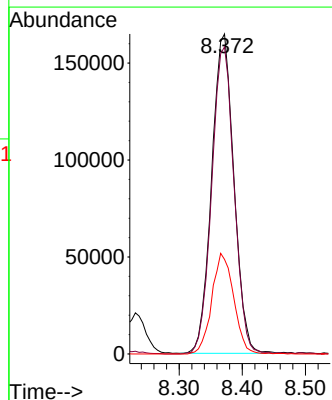
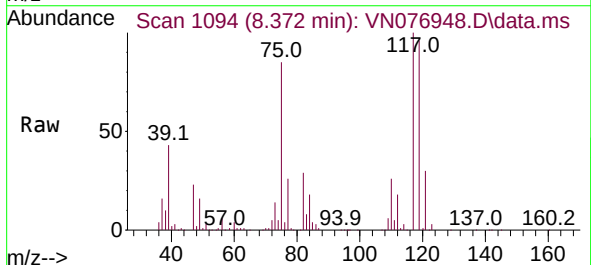
Manual Integrations
APPROVED

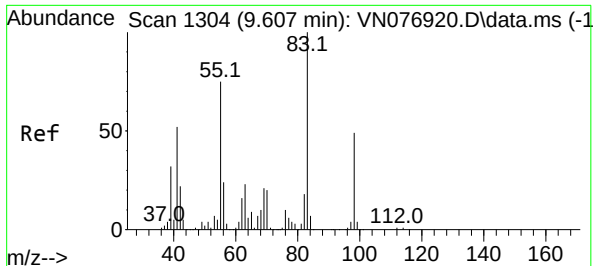
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 50.118 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Tgt Ion:117 Resp: 403652
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 29.6 23.2 34.8





#39

Methylcyclohexane

Concen: 50.597 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 422663

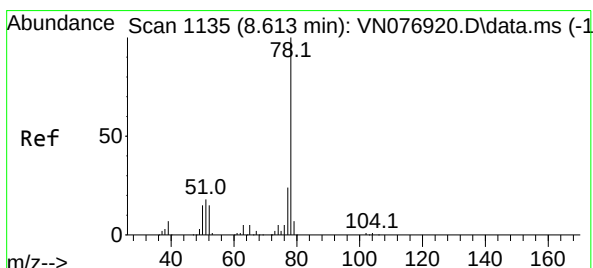
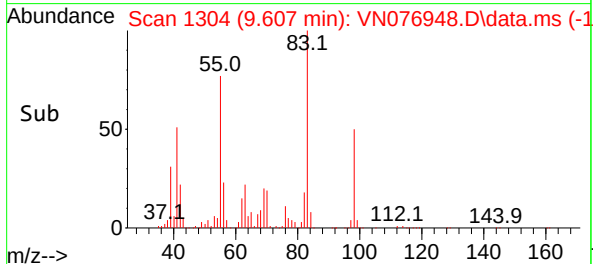
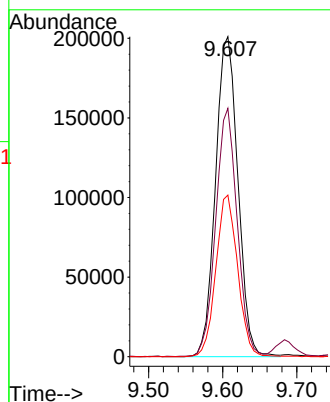
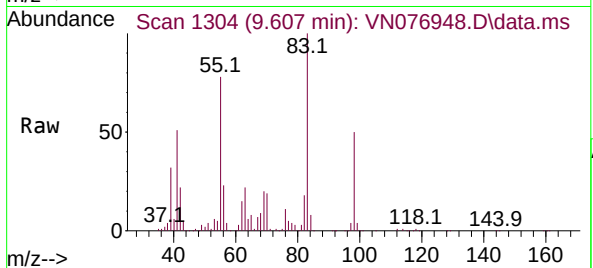
Ion	Ratio	Lower	Upper
83	100		
55	77.5	47.0	70.4
98	50.5	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 50.196 ug/l

RT: 8.613 min Scan# 1135

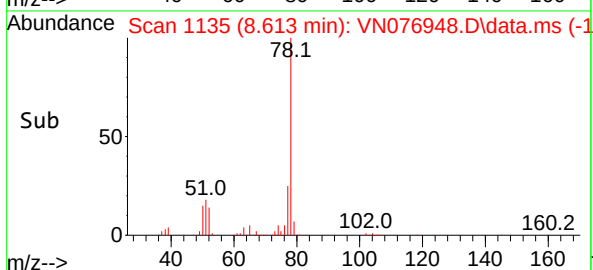
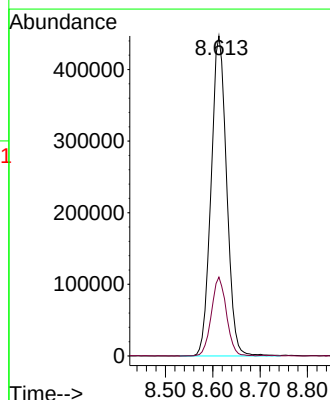
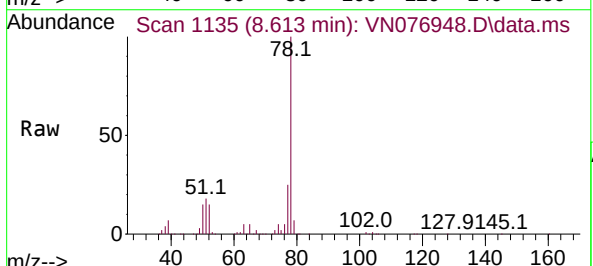
Delta R.T. -0.000 min

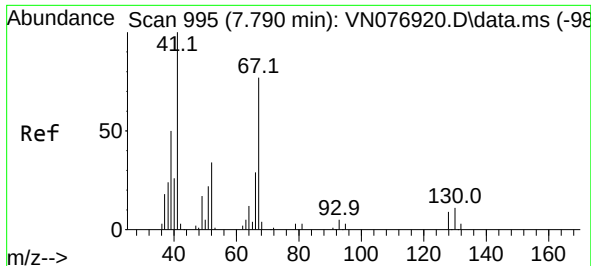
Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Tgt Ion: 78 Resp: 1018210

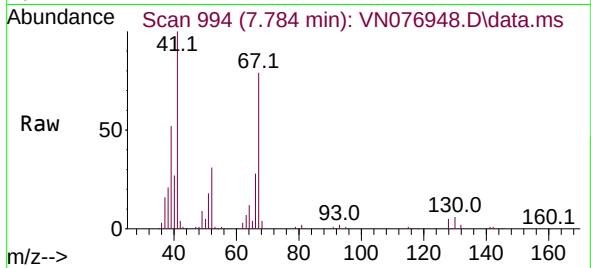
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





#41
Methacrylonitrile
Concen: 46.876 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

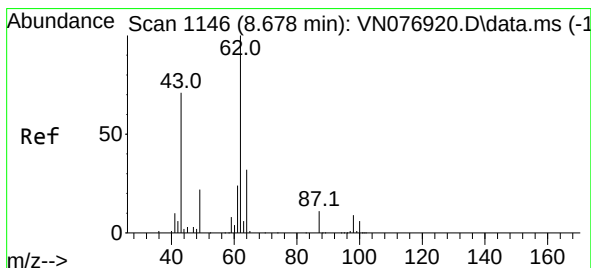
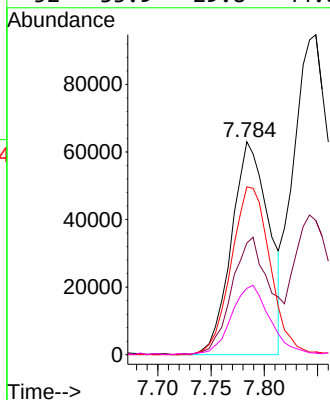
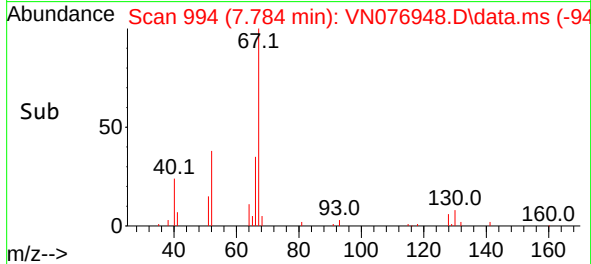
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 153500
Ion Ratio Lower Upper
41 100
39 58.0 43.4 65.0
67 82.3 78.6 118.0
52 33.9 29.8 44.8

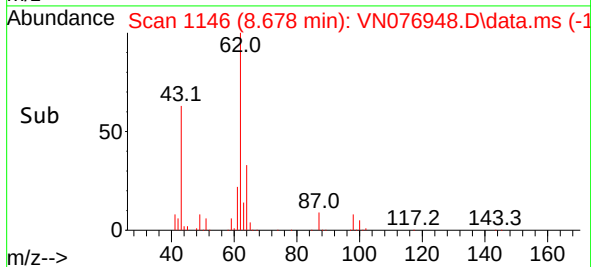
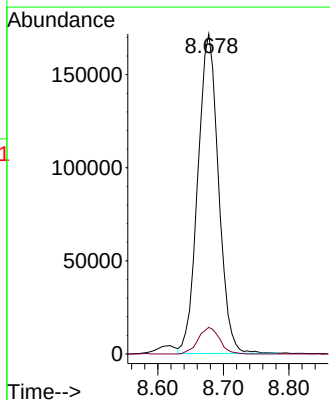
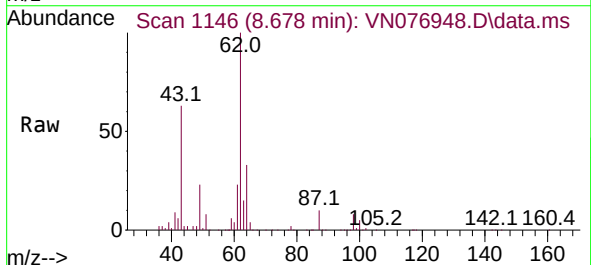
Manual Integrations
APPROVED

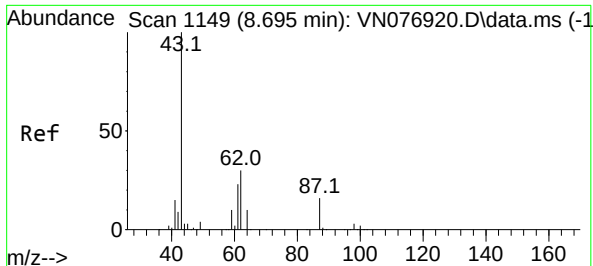
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#42
1,2-Dichloroethane
Concen: 47.703 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

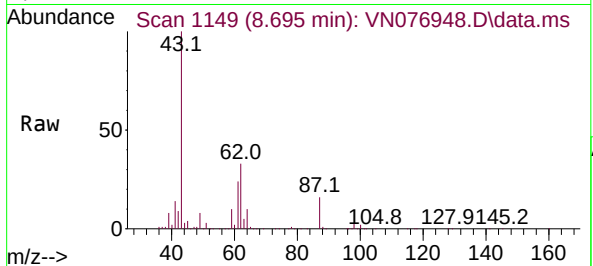
Tgt Ion: 62 Resp: 377434
Ion Ratio Lower Upper
62 100
98 8.6 0.0 21.8





#43
Isopropyl Acetate
Concen: 50.292 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

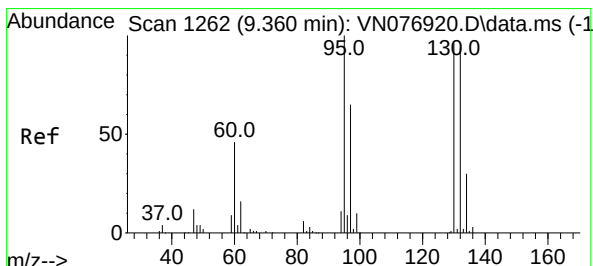
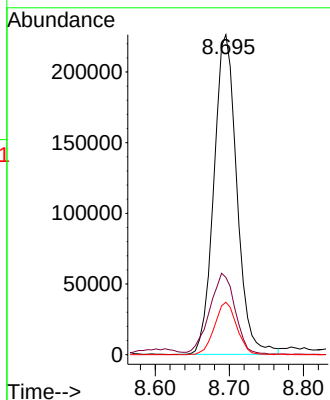
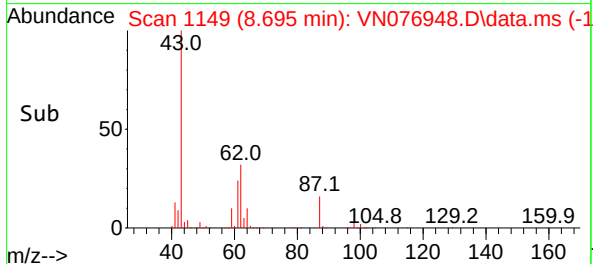
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 488578
Ion Ratio Lower Upper
43 100
61 28.3 26.2 39.2
87 15.8 14.8 22.2

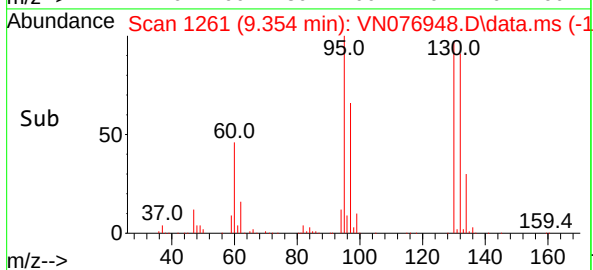
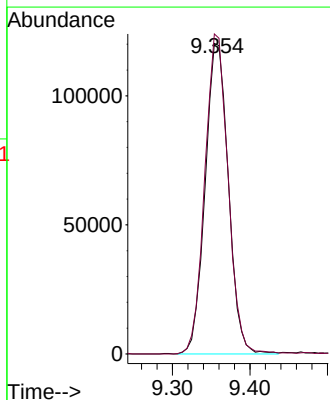
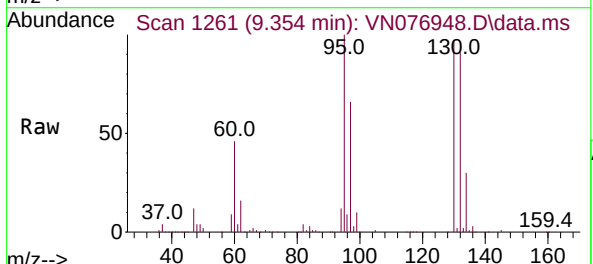
Manual Integrations
APPROVED

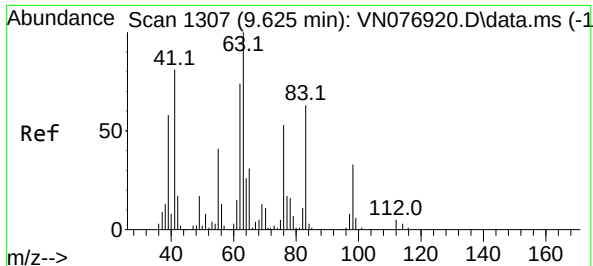
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#44
Trichloroethene
Concen: 47.892 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Tgt Ion:130 Resp: 251061
Ion Ratio Lower Upper
130 100
95 102.9 0.0 208.6





#45

1,2-Dichloropropane

Concen: 48.949 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 24429

Ion Ratio Lower Upper

63 100

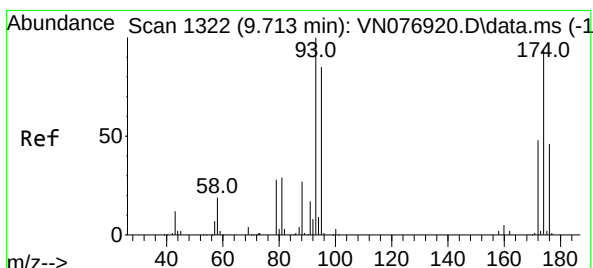
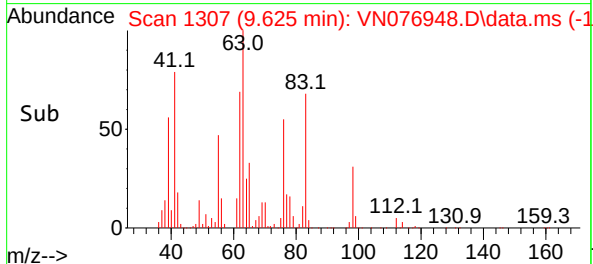
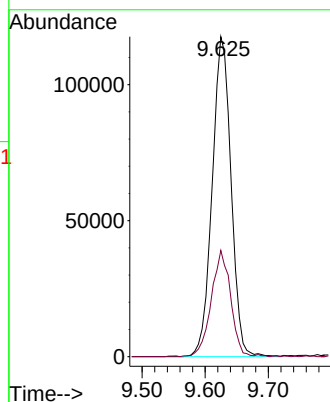
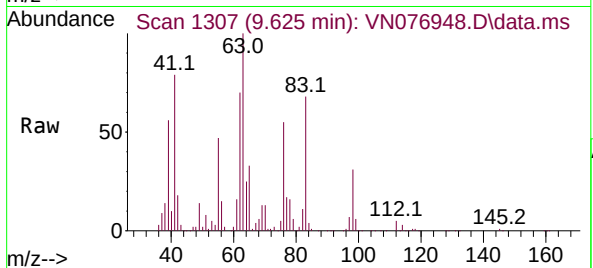
65 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 49.163 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

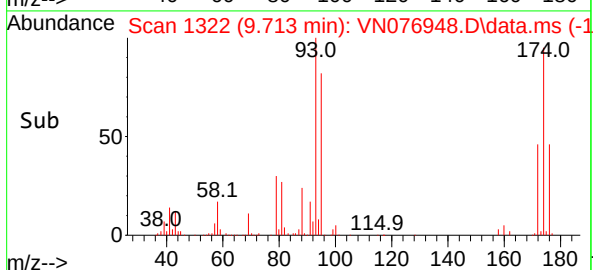
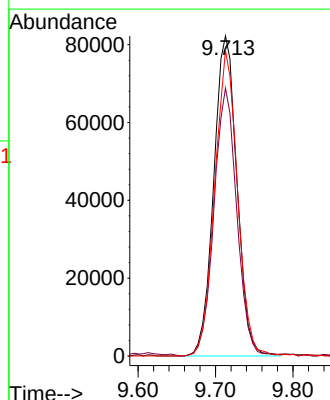
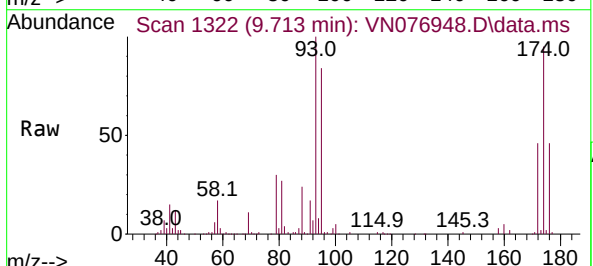
Tgt Ion: 93 Resp: 171362

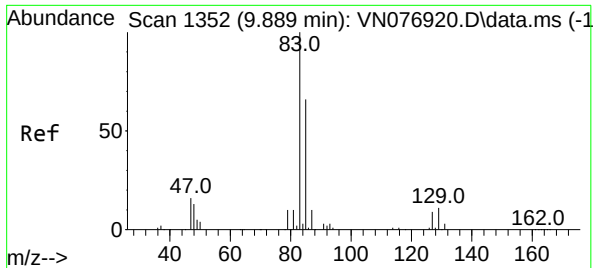
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

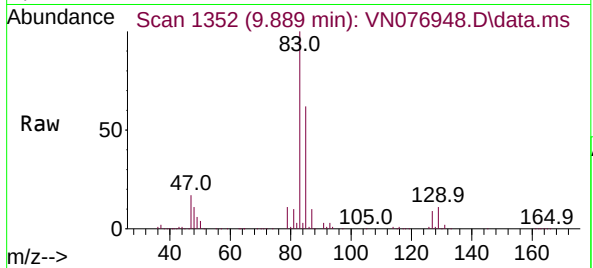
174 93.8 69.3 103.9





#47
Bromodichloromethane
Concen: 51.726 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

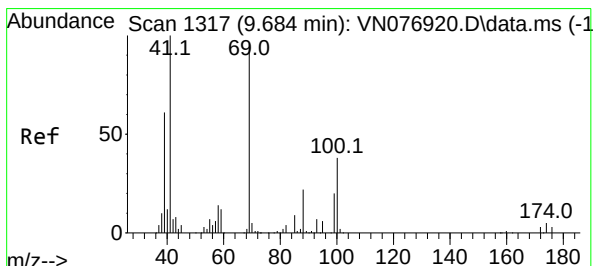
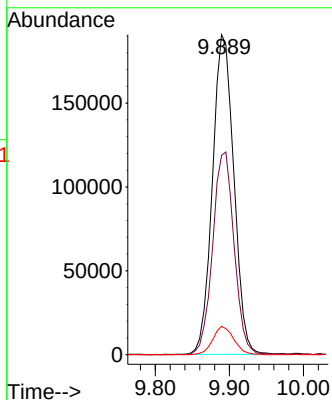
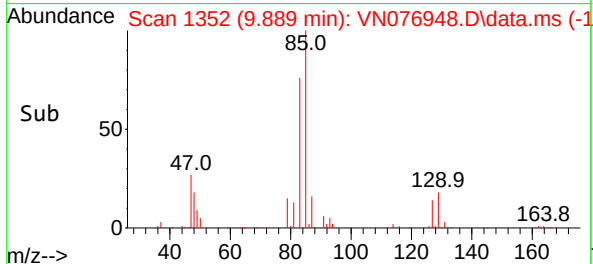
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 382494
Ion Ratio Lower Upper
83 100
85 62.2 52.6 78.8
127 8.9 7.0 10.6

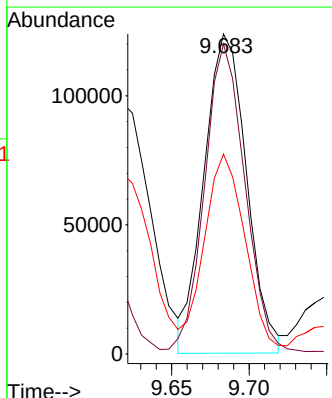
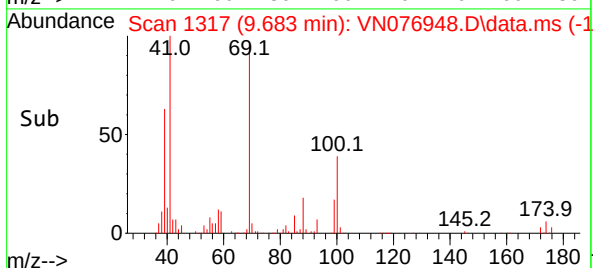
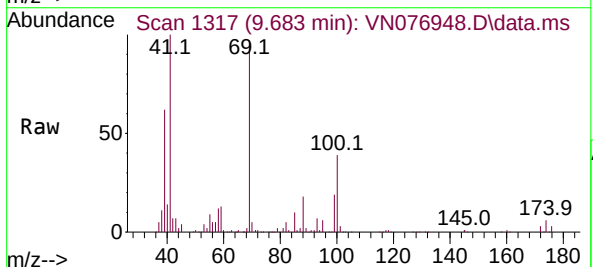
Manual Integrations
APPROVED

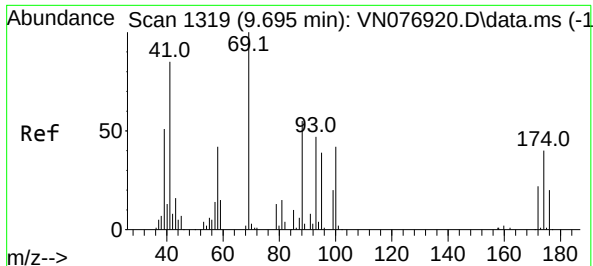
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 49.521 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Tgt Ion: 41 Resp: 235718
Ion Ratio Lower Upper
41 100
69 92.3 92.6 139.0#
39 61.2 51.4 77.0





#49

1,4-Dioxane

Concen: 913.712 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

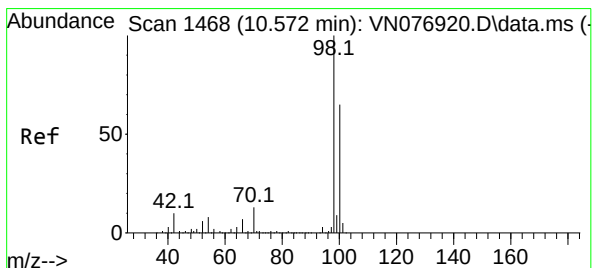
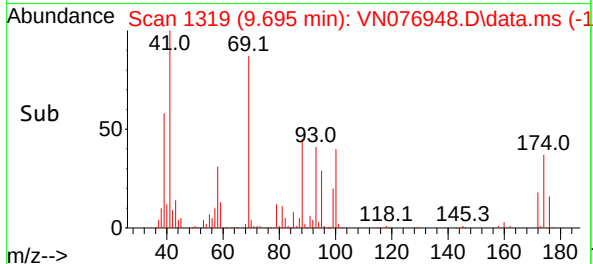
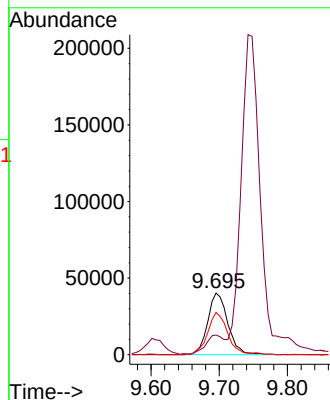
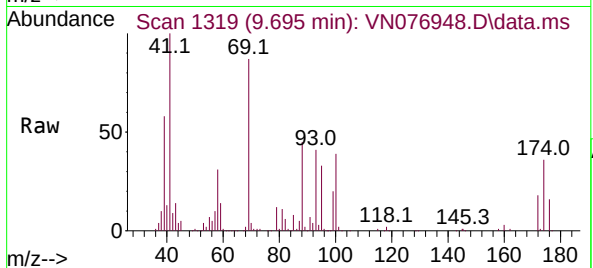
Tgt Ion: 88 Resp: 82354
 Ion Ratio Lower Upper
 88 100
 43 27.3 15.3 22.9
 58 69.0 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#50

Toluene-d8

Concen: 52.453 ug/l

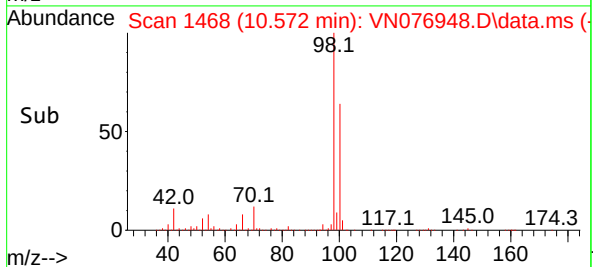
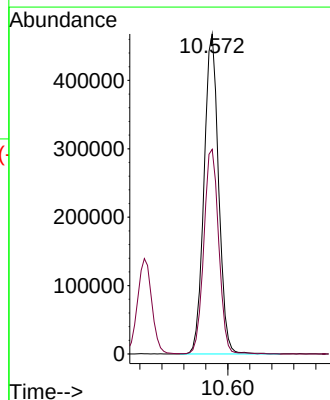
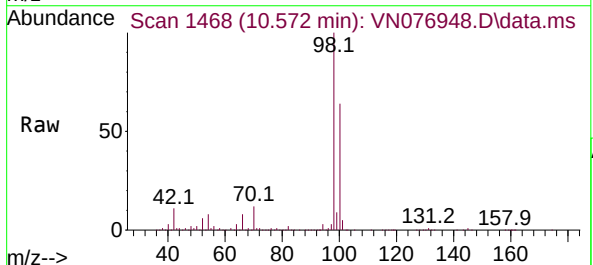
RT: 10.572 min Scan# 1468

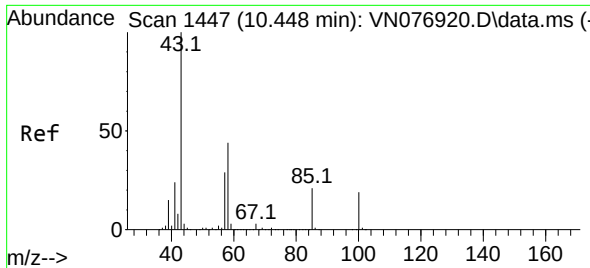
Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

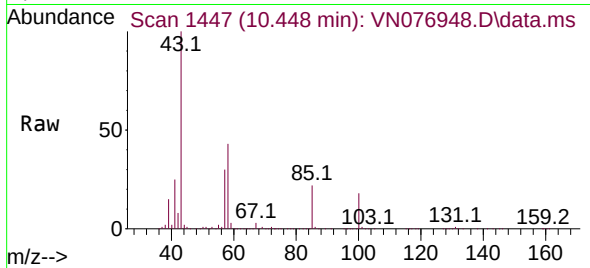
Tgt Ion: 98 Resp: 860150
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 235.344 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

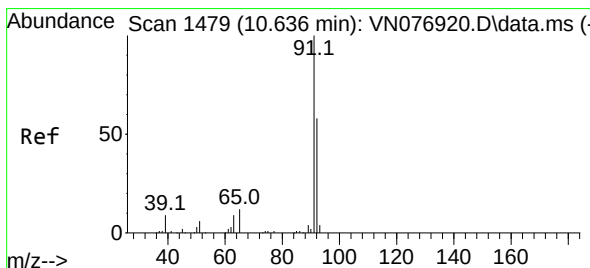
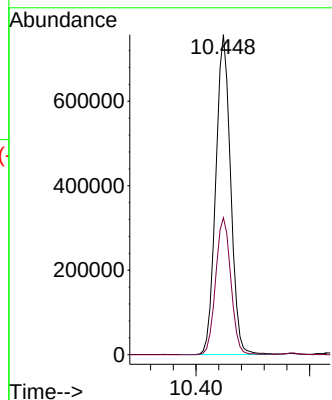
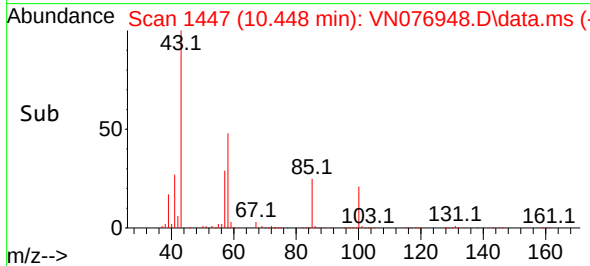
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1373440
Ion Ratio Lower Upper
43 100
58 43.7 37.4 56.0

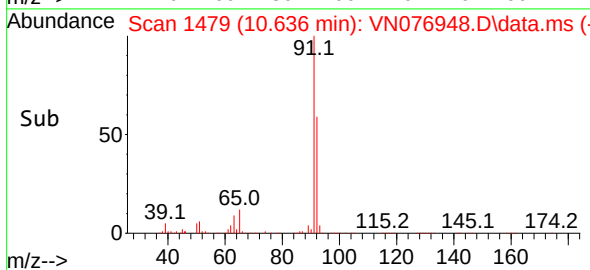
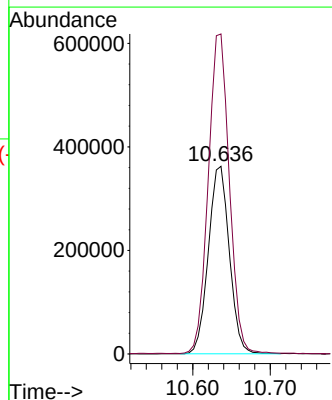
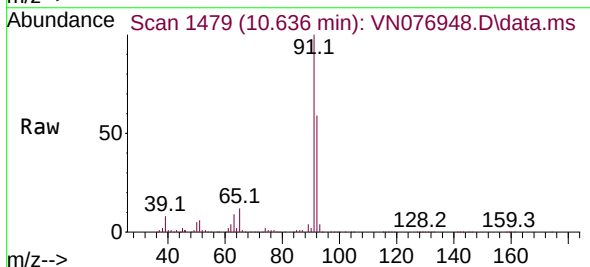
Manual Integrations
APPROVED

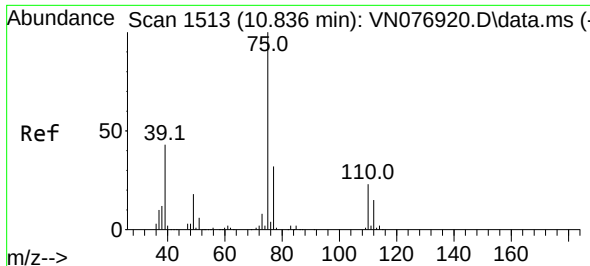
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 54.637 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

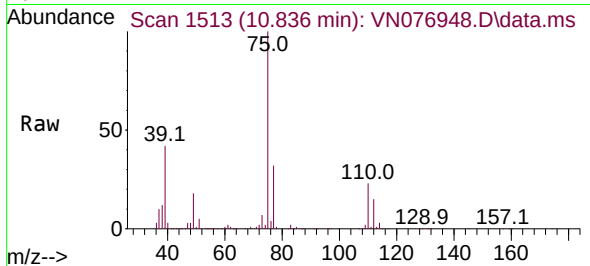
Tgt Ion: 92 Resp: 682101
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 52.111 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

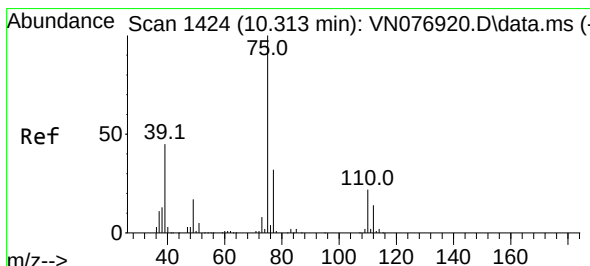
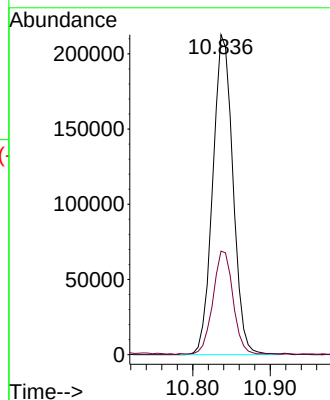
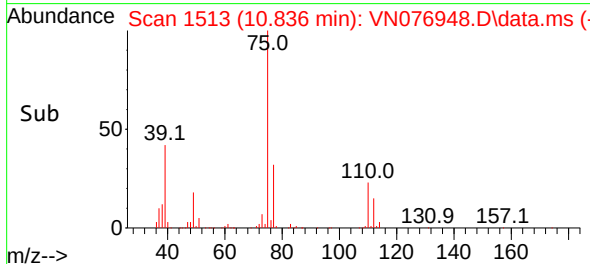
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



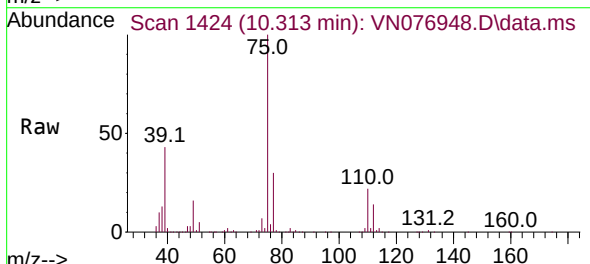
Tgt Ion: 75 Resp: 384168
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6

Manual Integrations
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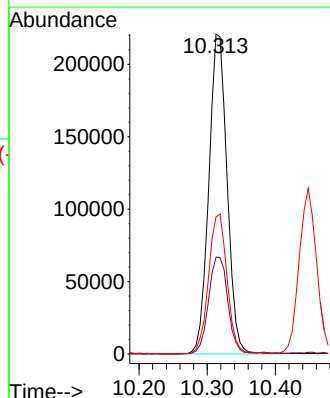
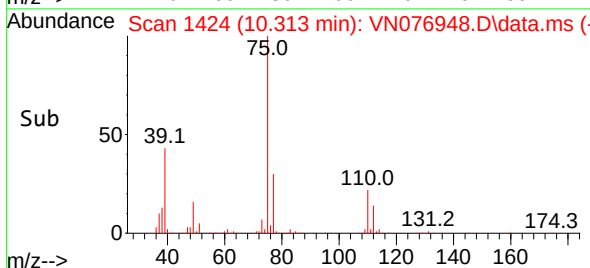
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

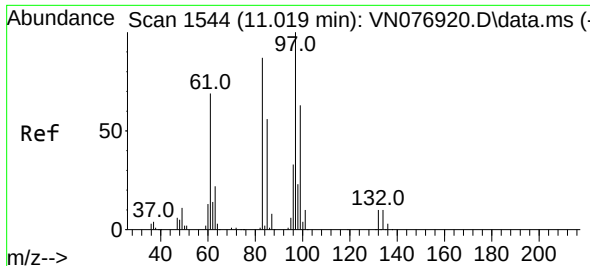


#54
cis-1,3-Dichloropropene
Concen: 50.910 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



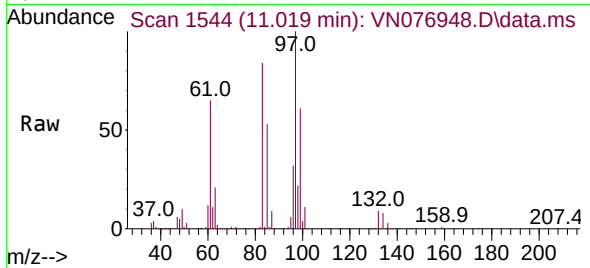
Tgt Ion: 75 Resp: 412168
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5
39 42.7 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 49.121 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

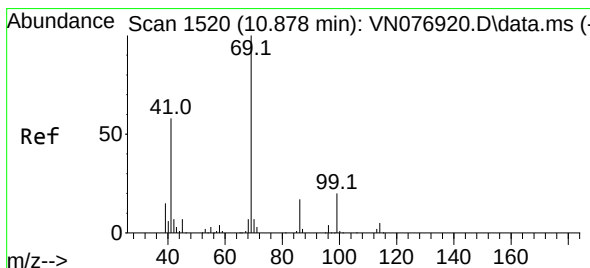
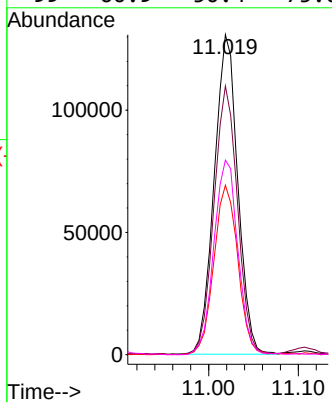
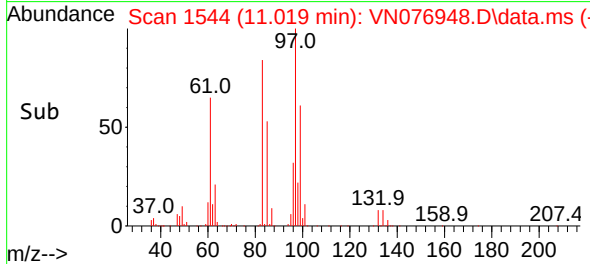
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



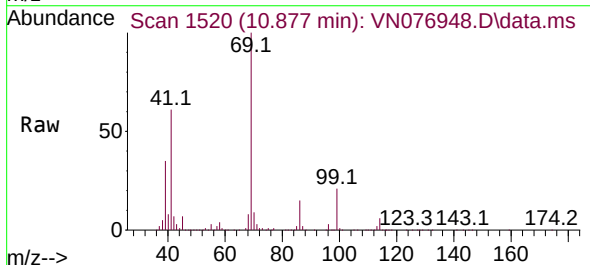
Tgt Ion: 97 Resp: 23860
Ion Ratio Lower Upper
97 100
83 83.9 67.1 100.7
85 53.0 41.8 62.8
99 60.9 50.4 75.6

Manual Integrations
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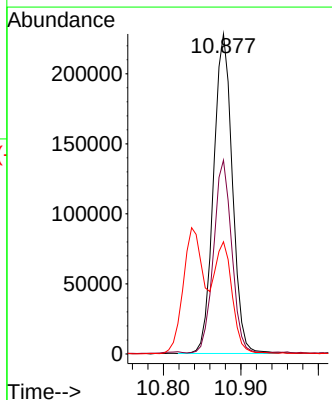
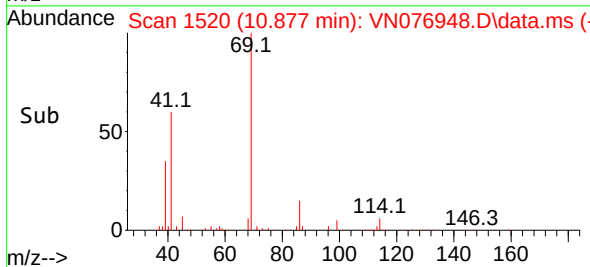
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

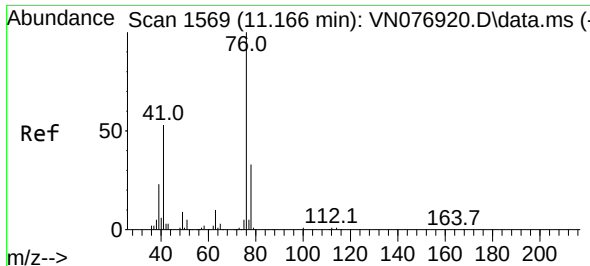


#56
Ethyl methacrylate
Concen: 52.163 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion: 69 Resp: 384311
Ion Ratio Lower Upper
69 100
41 58.3 38.0 57.0#
39 32.2 22.4 33.6





#57

1,3-Dichloropropane

Concen: 48.336 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 414014

Ion Ratio Lower Upper

76 100

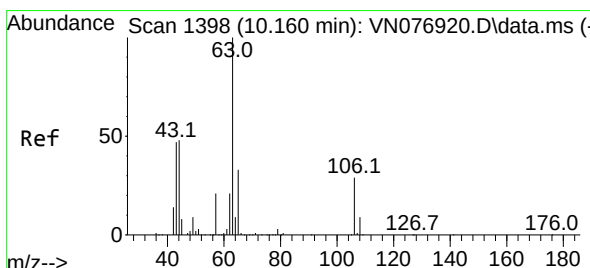
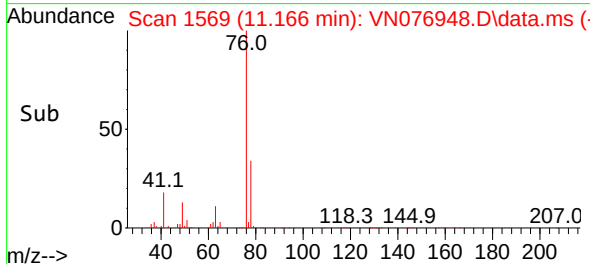
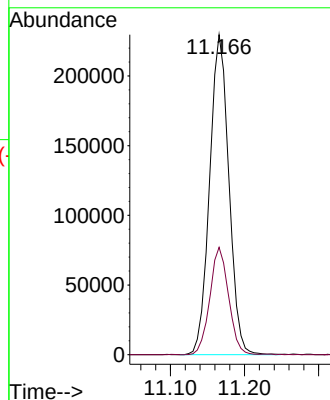
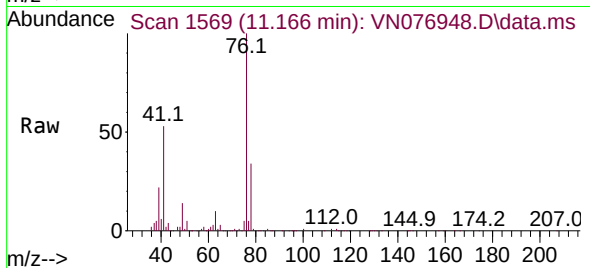
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.278 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076948.D

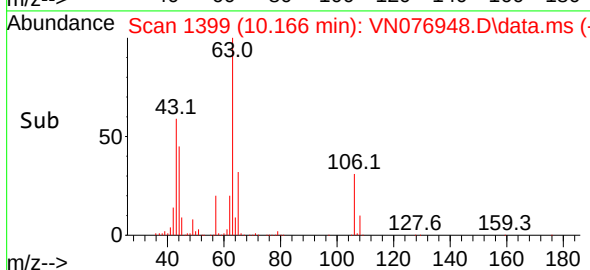
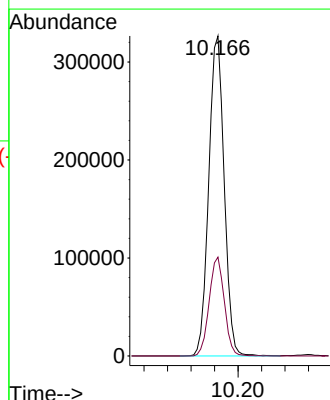
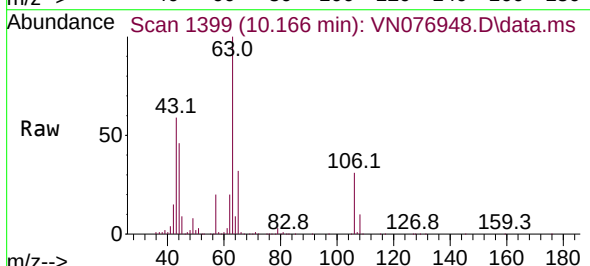
Acq: 11 Mar 2023 00:52

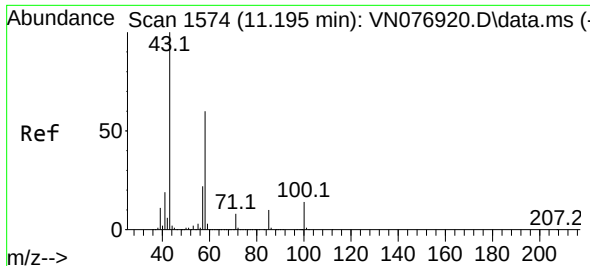
Tgt Ion: 63 Resp: 596560

Ion Ratio Lower Upper

63 100

106 30.3 25.6 38.4





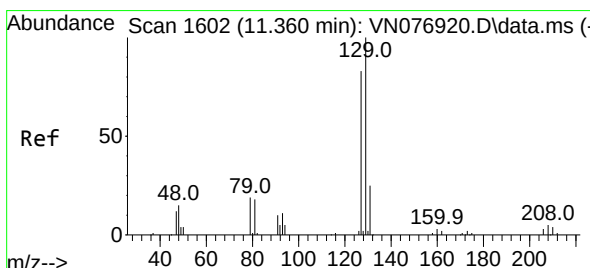
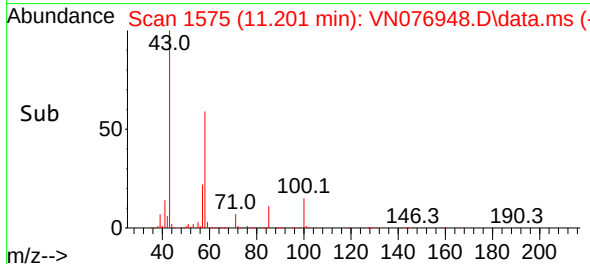
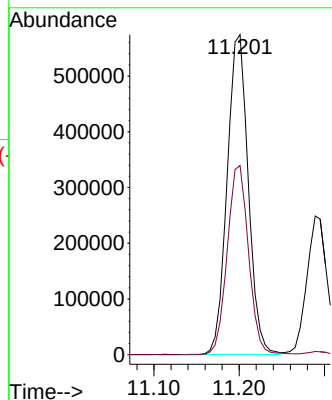
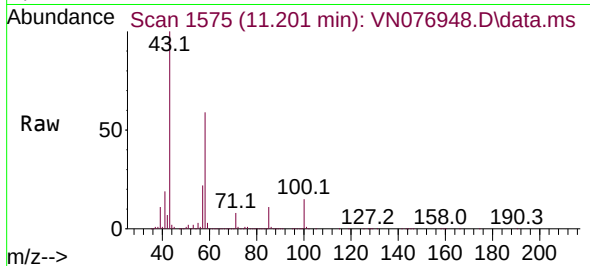
#59
2-Hexanone
Concen: 231.990 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 987152
Ion Ratio Lower Upper
43 100
58 59.8 32.6 98.0

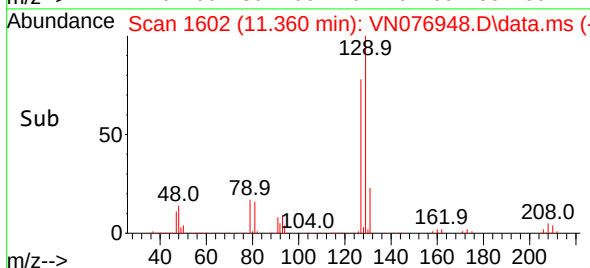
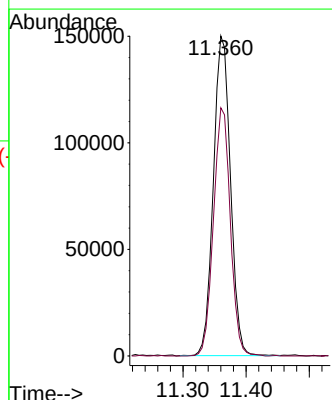
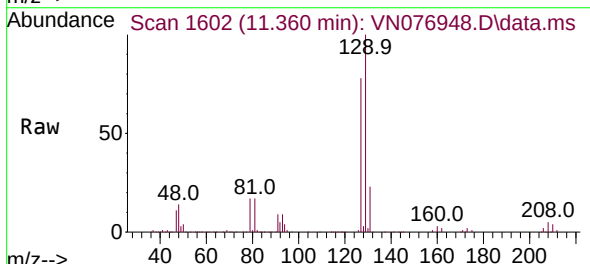
Manual Integrations
APPROVED

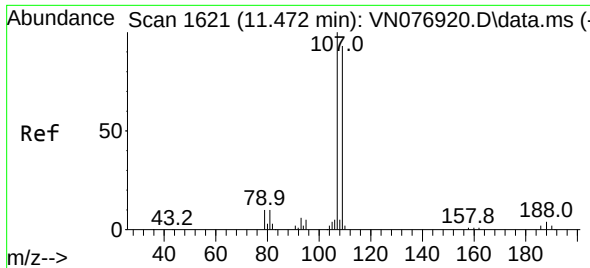
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 52.583 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

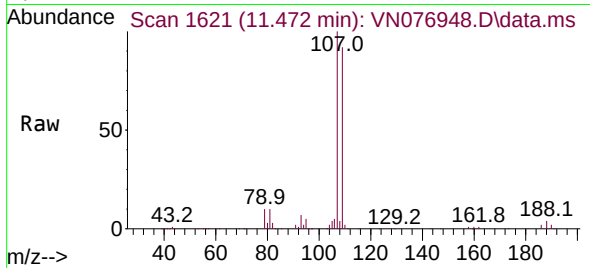
Tgt Ion:129 Resp: 281403
Ion Ratio Lower Upper
129 100
127 76.8 39.6 118.8





#61
1,2-Dibromoethane
Concen: 51.334 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

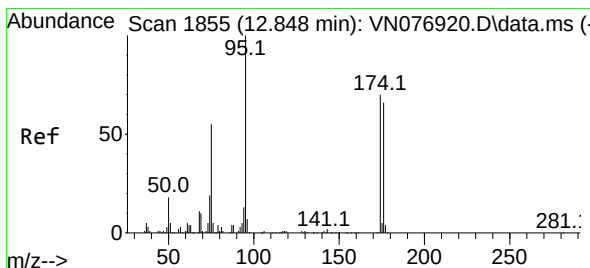
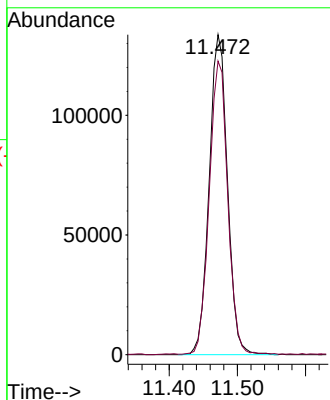
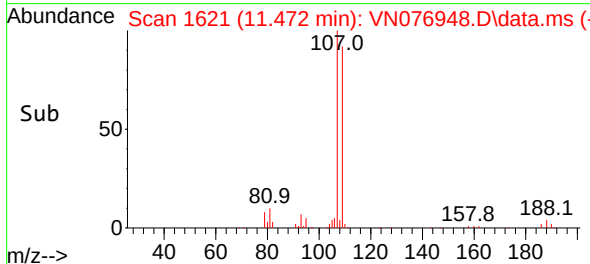
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



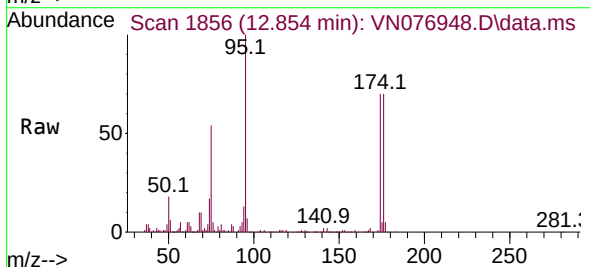
Tgt Ion:107 Resp: 249918
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9

Manual Integrations
APPROVED

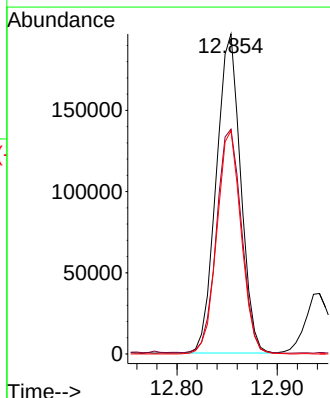
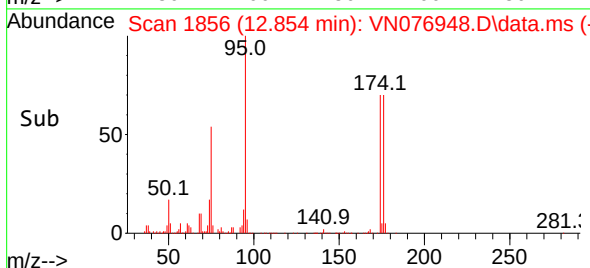
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

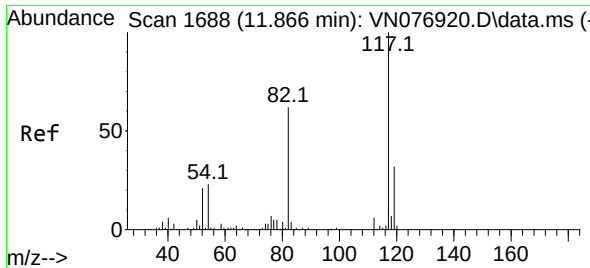


#62
4-Bromofluorobenzene
Concen: 55.249 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



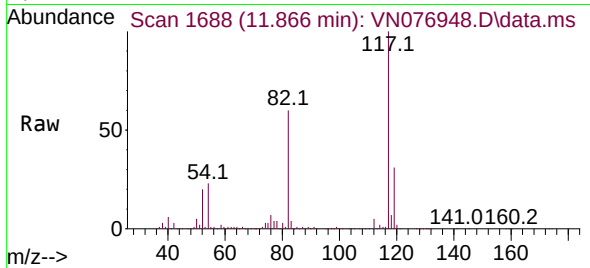
Tgt Ion: 95 Resp: 331390
Ion Ratio Lower Upper
95 100
174 72.1 0.0 162.4
176 69.7 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

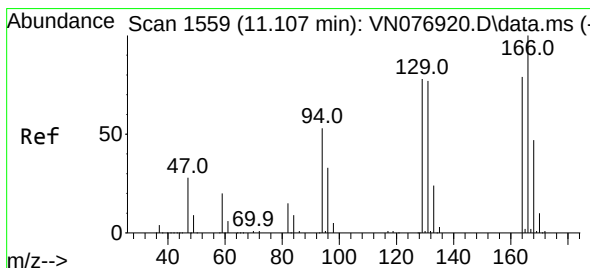
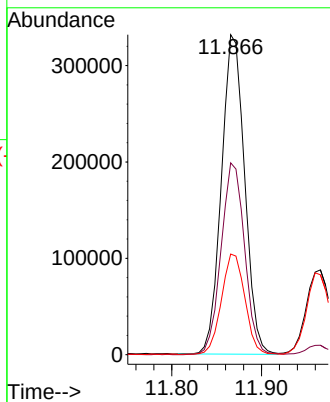
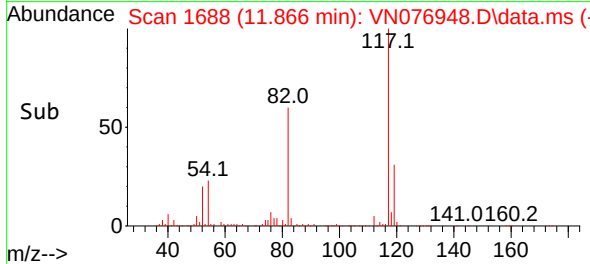
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



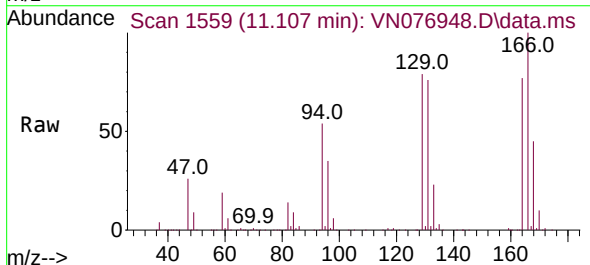
Tgt Ion:117 Resp: 595672
Ion Ratio Lower Upper
117 100
82 60.1 43.5 65.3
119 31.4 25.5 38.3

Manual Integrations
APPROVED

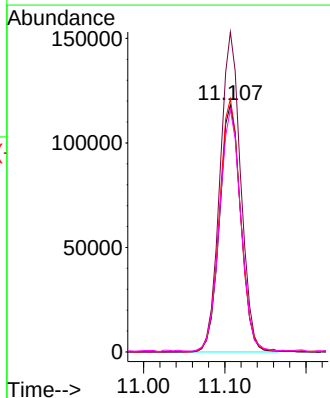
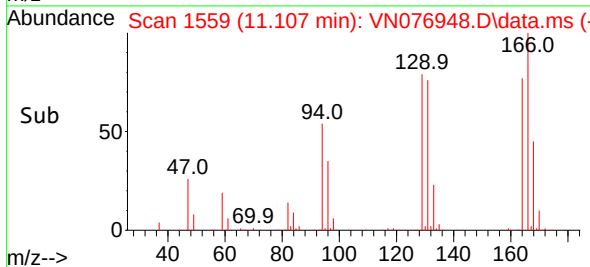
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

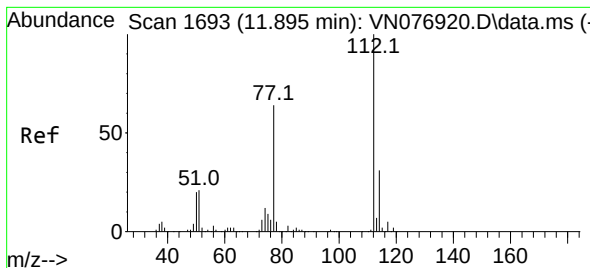


#64
Tetrachloroethene
Concen: 44.334 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



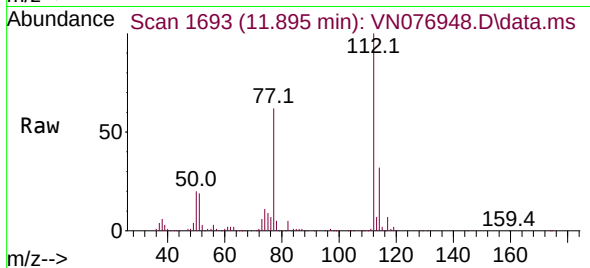
Tgt Ion:164 Resp: 213734
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 102.2 81.5 122.3
131 97.7 77.7 116.5





#65
Chlorobenzene
Concen: 48.777 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

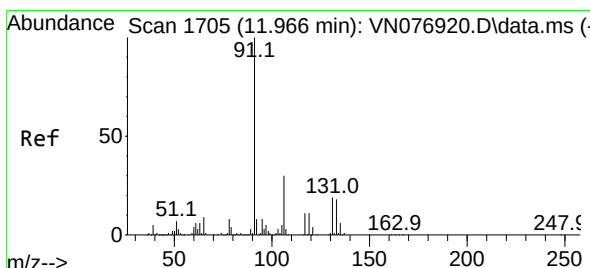
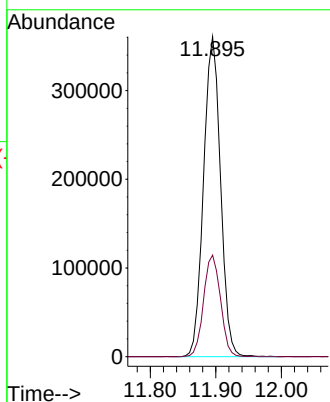
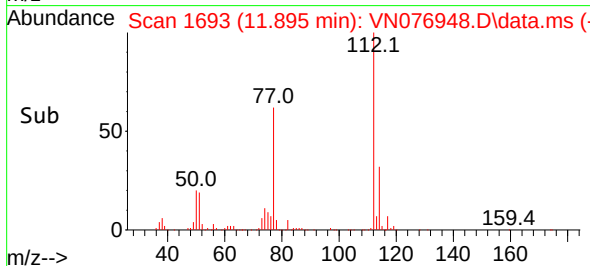
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



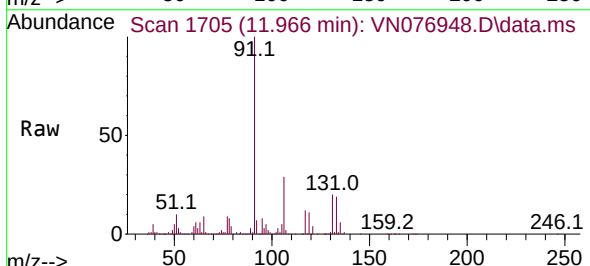
Tgt Ion:112 Resp: 64990
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

Manual Integrations
APPROVED

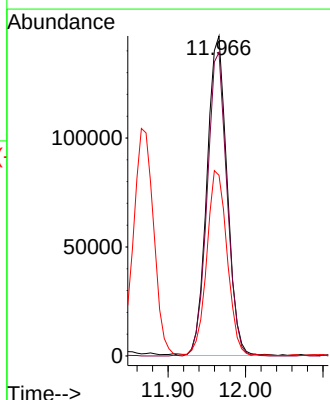
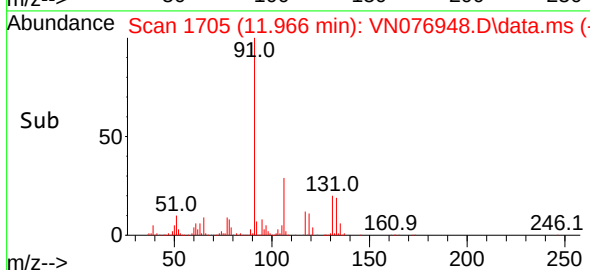
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

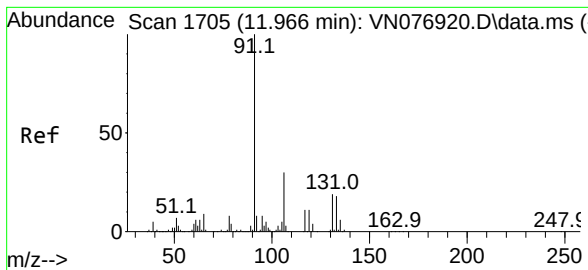


#66
1,1,1,2-Tetrachloroethane
Concen: 50.820 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



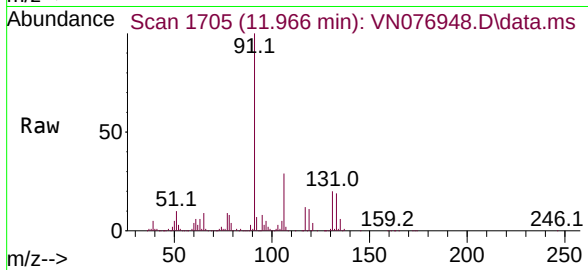
Tgt Ion:131 Resp: 264336
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.8
119 58.4 33.1 99.2





#67
Ethyl Benzene
Concen: 51.778 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

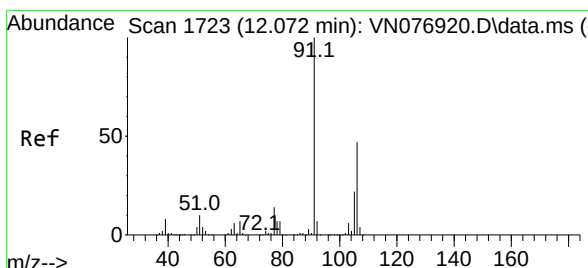
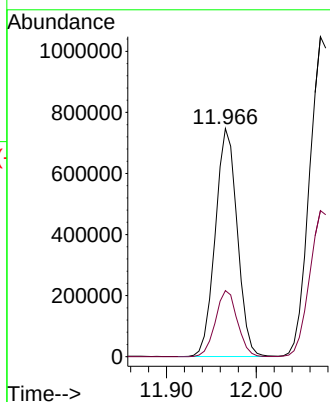
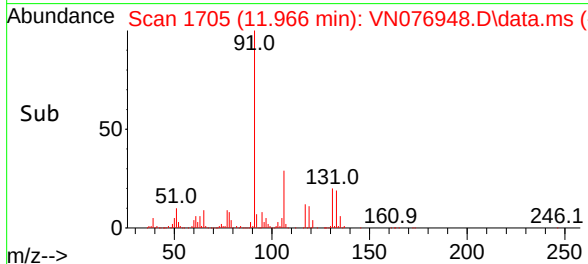
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1268590
Ion Ratio Lower Upper
91 100
106 29.0 25.1 37.7

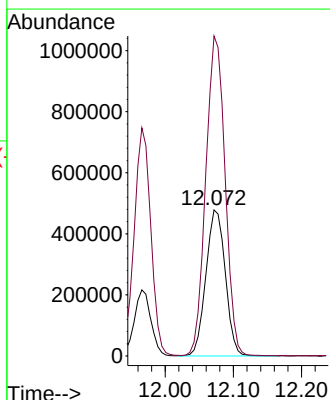
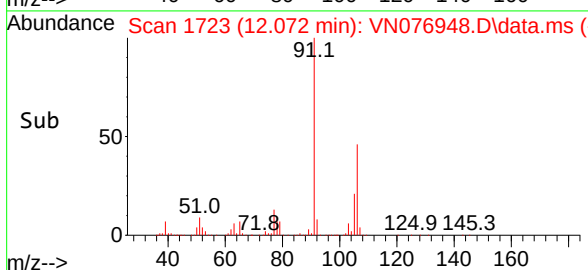
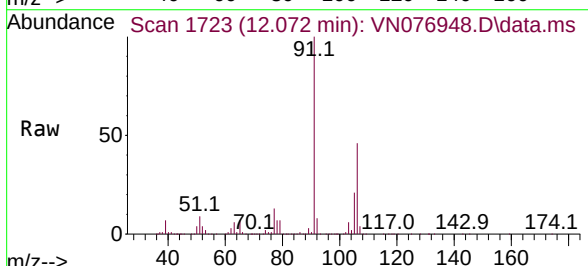
Manual Integrations
APPROVED

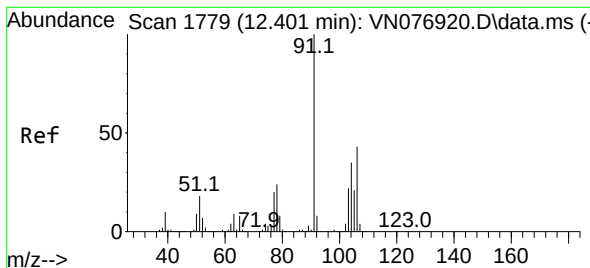
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#68
m/p-Xylenes
Concen: 102.685 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

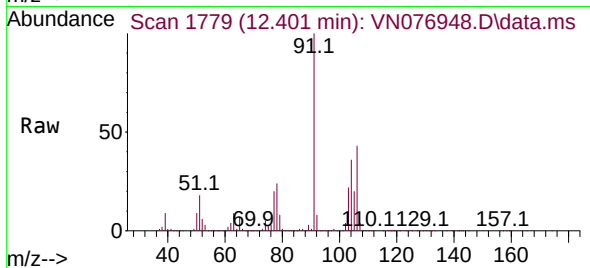
Tgt Ion:106 Resp: 945589
Ion Ratio Lower Upper
106 100
91 218.5 158.0 237.0





#69
o-Xylene
Concen: 51.949 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

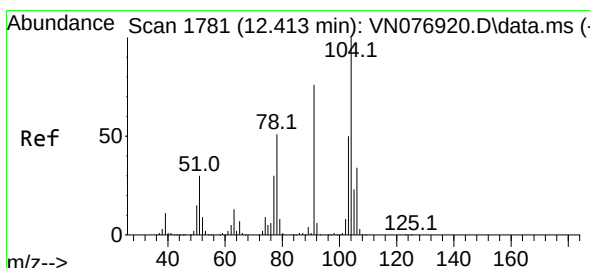
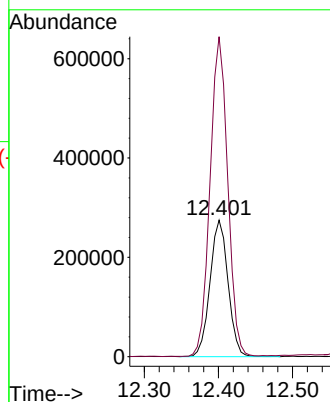
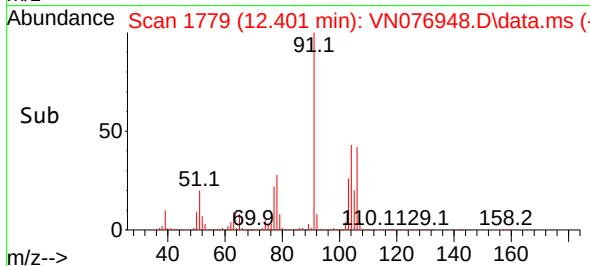
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



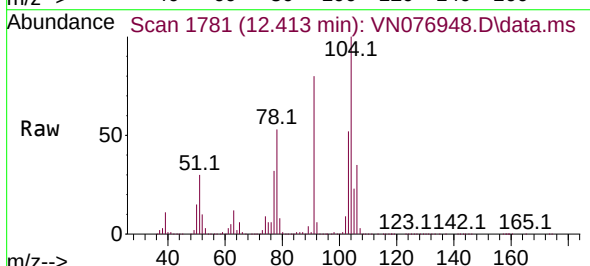
Tgt Ion:106 Resp: 46442
Ion Ratio Lower Upper
106 100
91 229.4 101.8 305.4

Manual Integrations
APPROVED

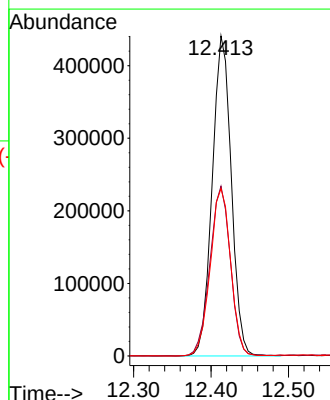
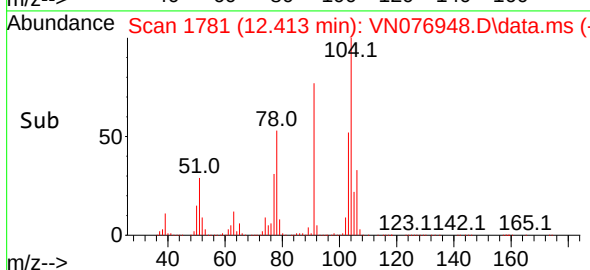
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

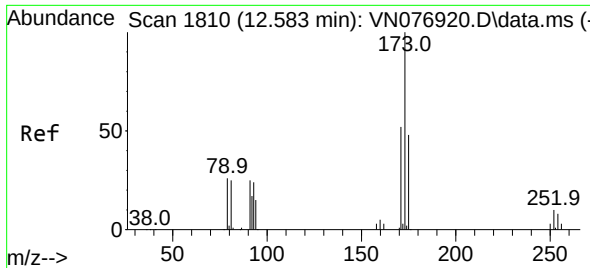


#70
Styrene
Concen: 52.187 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



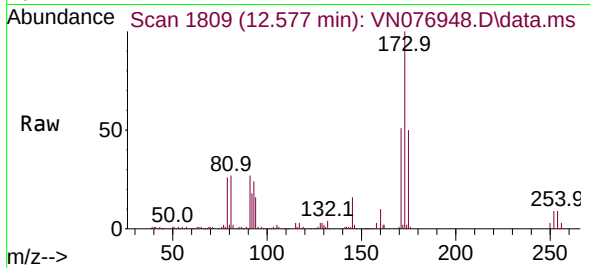
Tgt Ion:104 Resp: 753731
Ion Ratio Lower Upper
104 100
78 57.2 36.6 55.0#
103 56.0 43.4 65.0





#71
Bromoform
Concen: 52.397 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

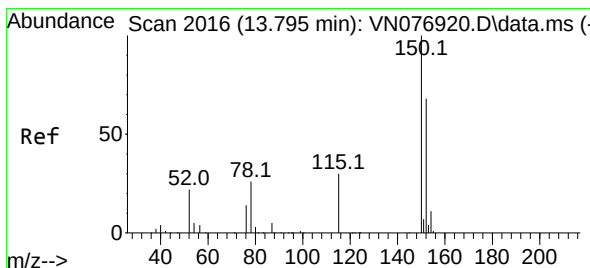
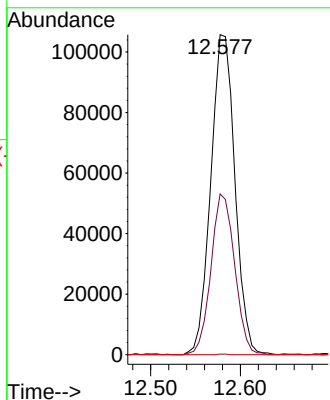
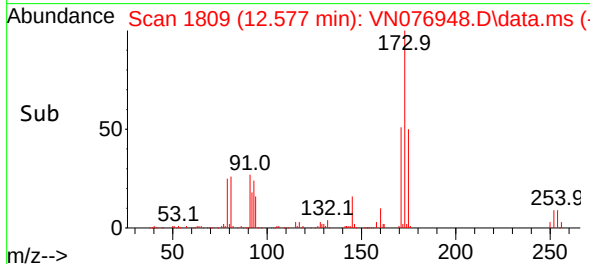
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



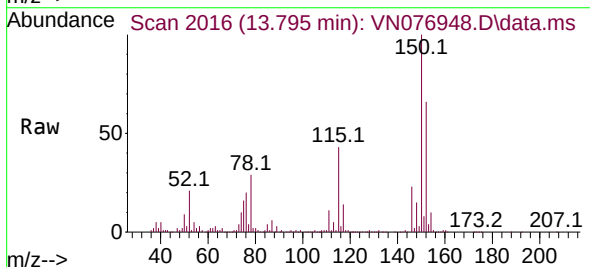
Tgt Ion:173 Resp: 197510
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

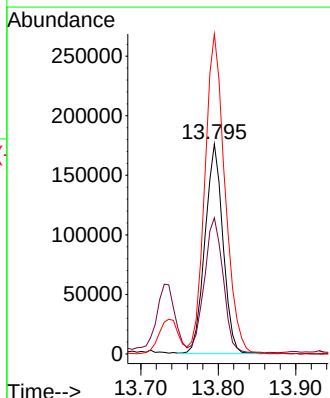
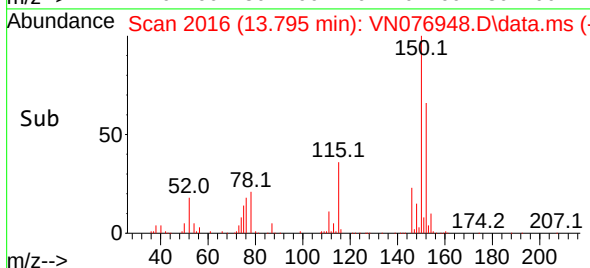
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

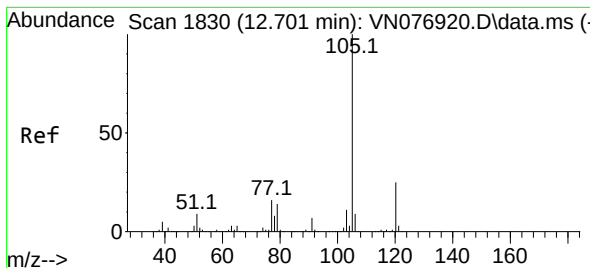


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion:152 Resp: 282811
Ion Ratio Lower Upper
152 100
115 67.6 30.3 90.9
150 171.0 0.0 353.6





#73

Isopropylbenzene

Concen: 49.501 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 124745

Ion Ratio Lower Upper

105 100

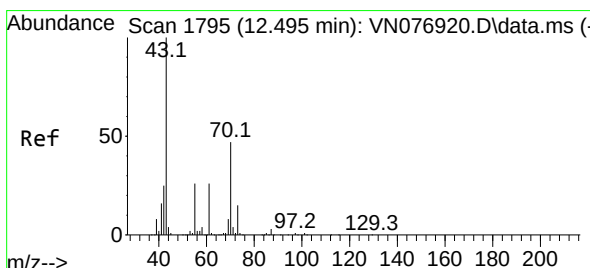
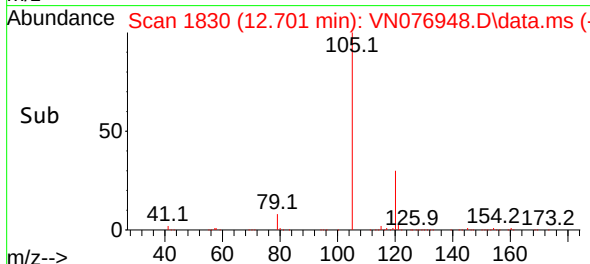
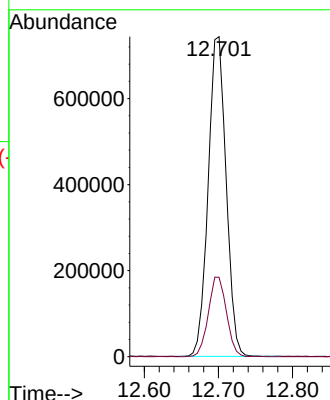
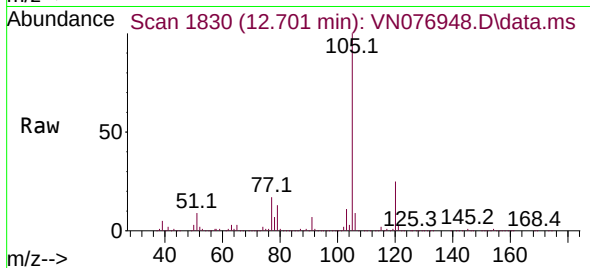
120 25.3 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#74

N-ethyl acetate

Concen: 50.067 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Tgt Ion: 43 Resp: 417746

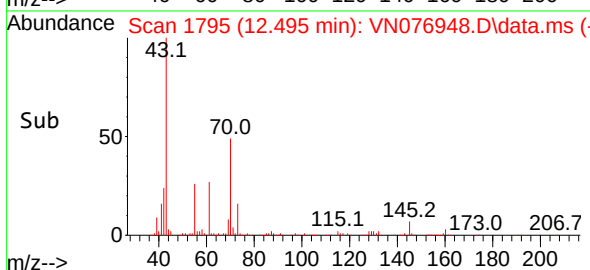
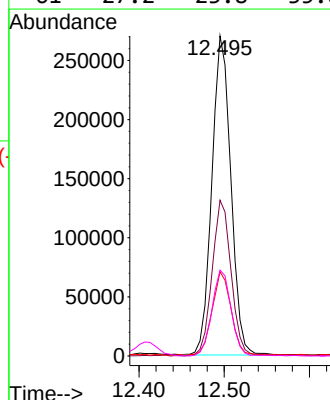
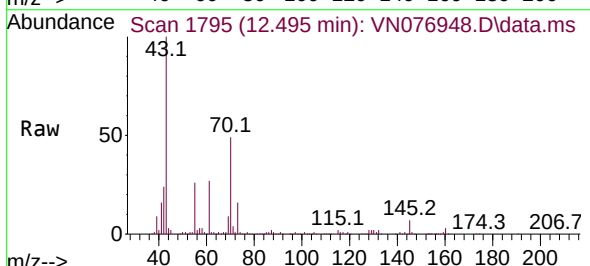
Ion Ratio Lower Upper

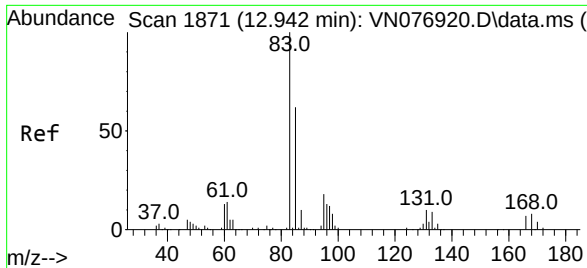
43 100

70 48.4 46.8 70.2

55 26.1 23.4 35.2

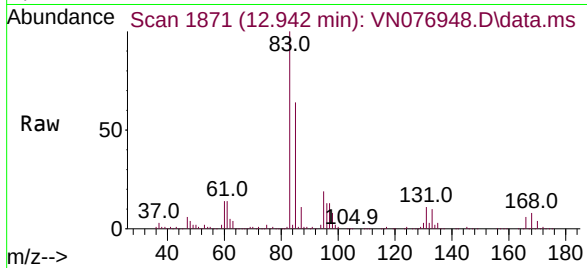
61 27.2 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.609 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

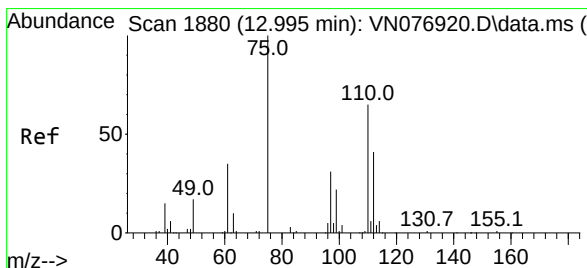
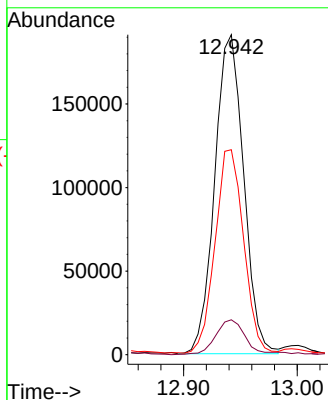
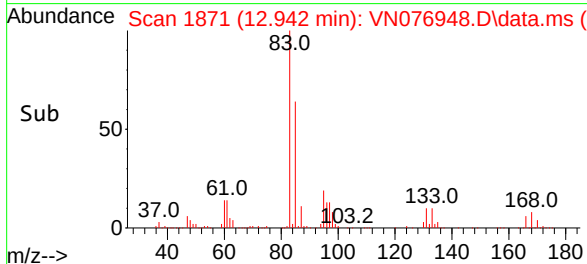
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



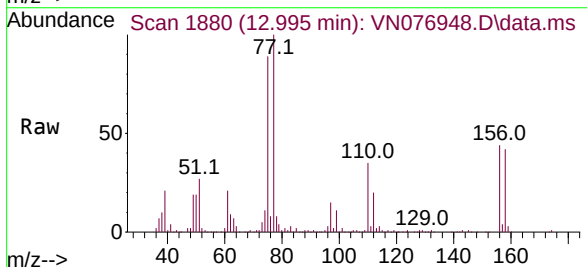
Tgt Ion: 83 Resp: 33819
Ion Ratio Lower Upper
83 100
131 11.7 5.3 16.1
85 62.5 32.0 96.0

Manual Integrations
APPROVED

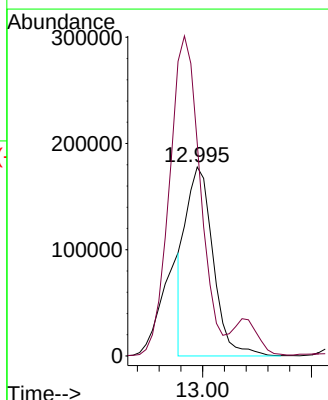
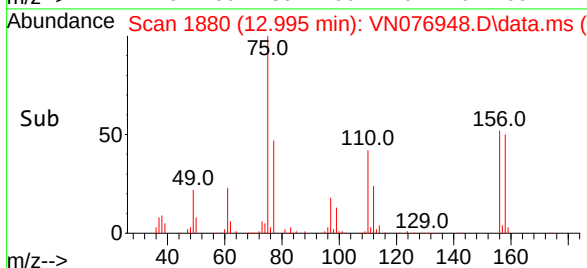
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

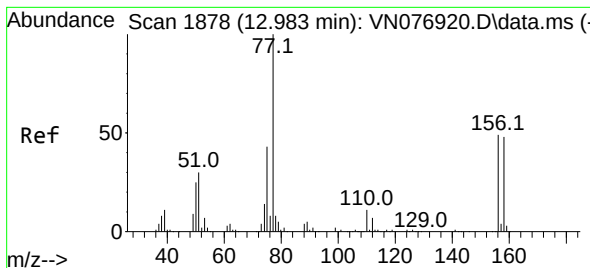


#76
1,2,3-Trichloropropane
Concen: 45.424 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion: 75 Resp: 311454
Ion Ratio Lower Upper
75 100
77 189.4 93.8 281.4





#77

Bromobenzene

Concen: 47.433 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

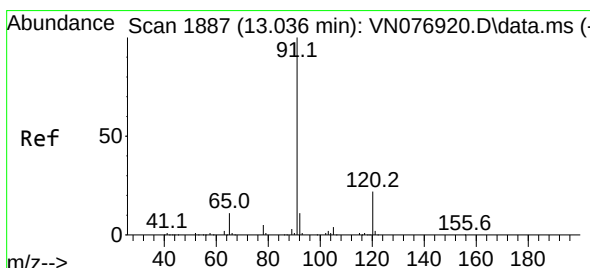
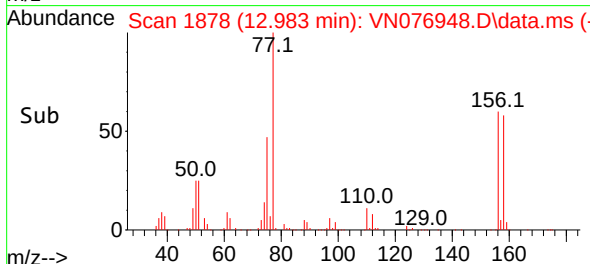
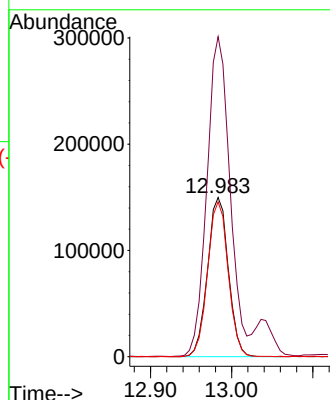
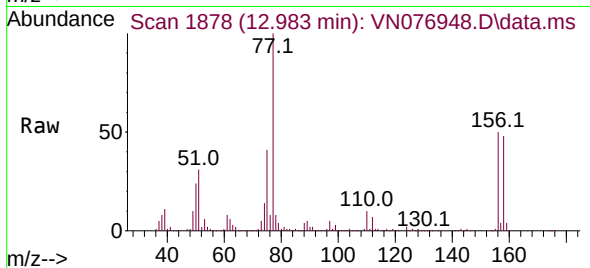
VSTDCCC050EC

Tgt Ion:156 Resp: 267220
 Ion Ratio Lower Upper
 156 100
 77 220.7 101.3 303.7
 158 96.2 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#78

n-propylbenzene

Concen: 50.848 ug/l

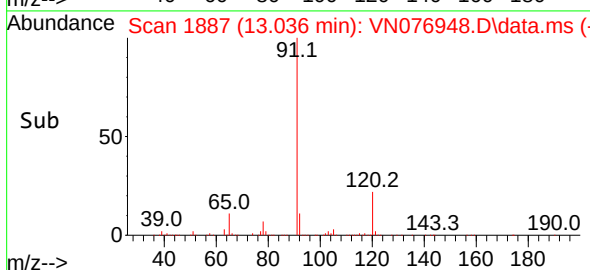
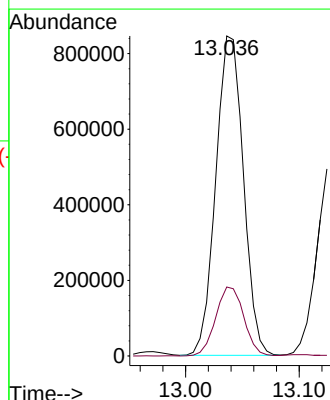
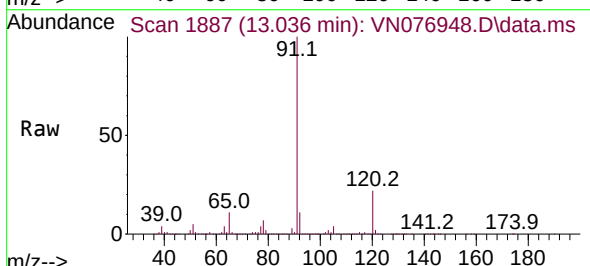
RT: 13.036 min Scan# 1887

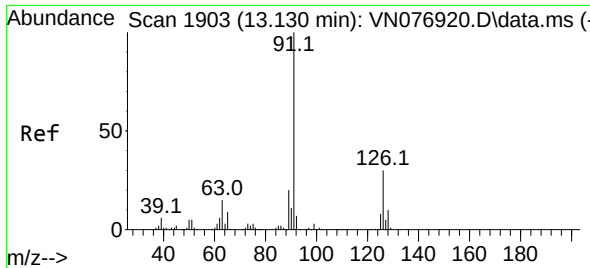
Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

Tgt Ion: 91 Resp: 1426909
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.9 35.7





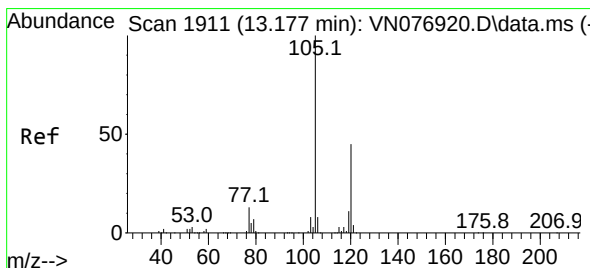
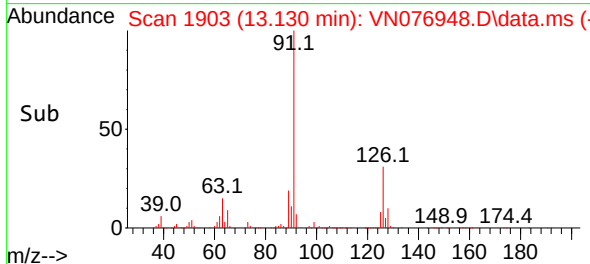
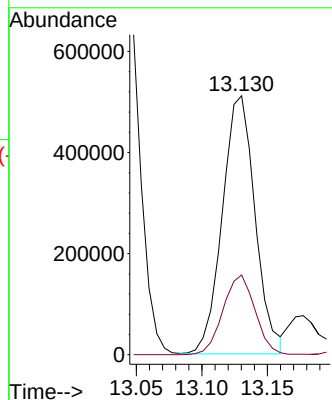
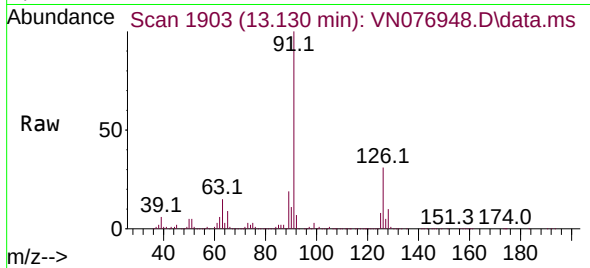
#79
2-Chlorotoluene
Concen: 48.790 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 887880
Ion Ratio Lower Upper
91 100
126 30.2 17.7 53.1

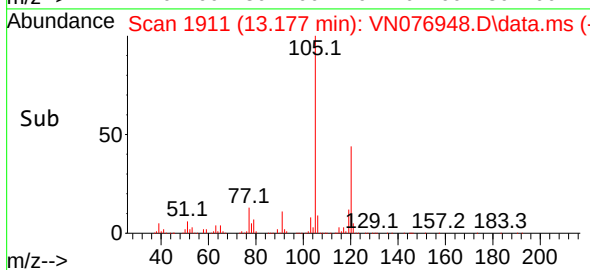
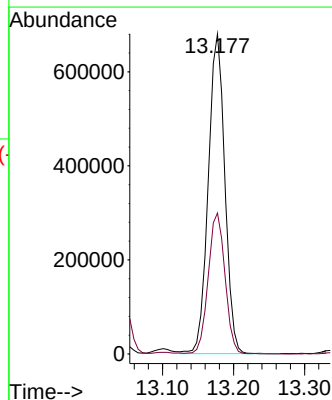
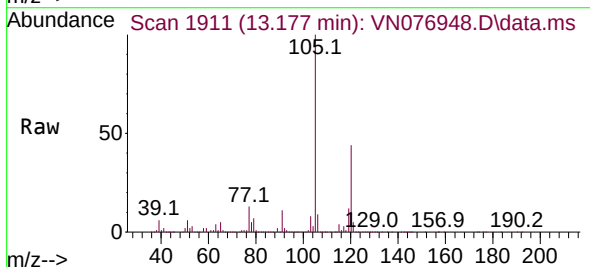
Manual Integrations
APPROVED

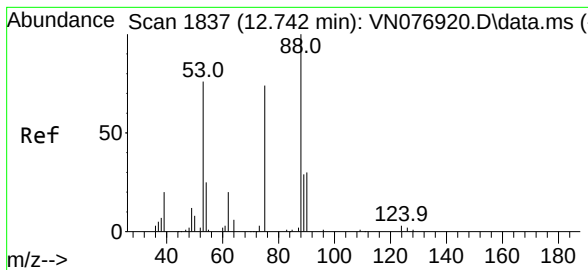
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.293 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

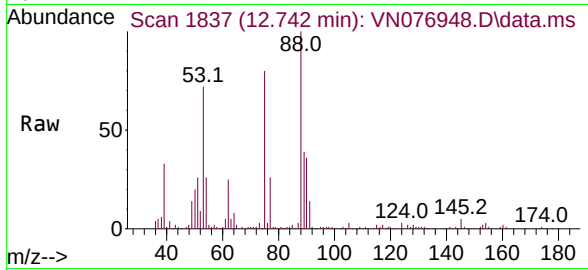
Tgt Ion:105 Resp: 1101090
Ion Ratio Lower Upper
105 100
120 44.4 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.544 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

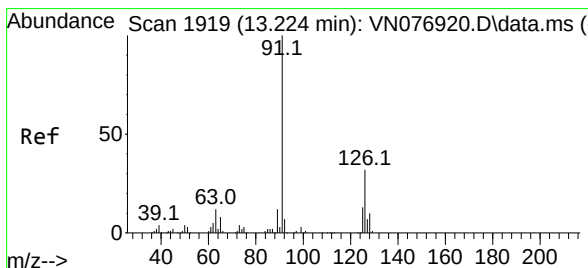
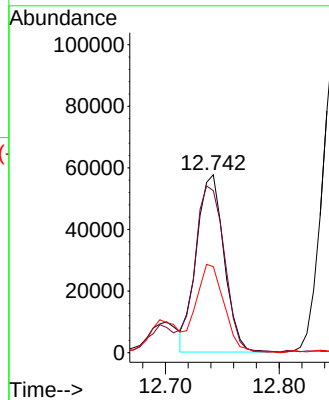
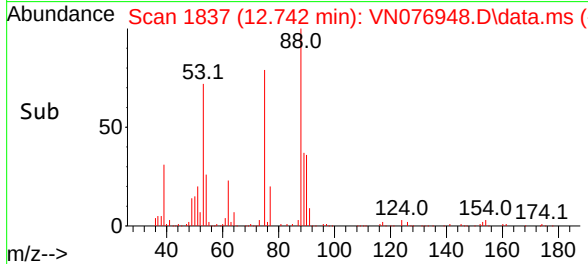
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 97699
Ion Ratio Lower Upper
75 100
53 101.2 67.4 101.0
89 51.3 39.5 59.3

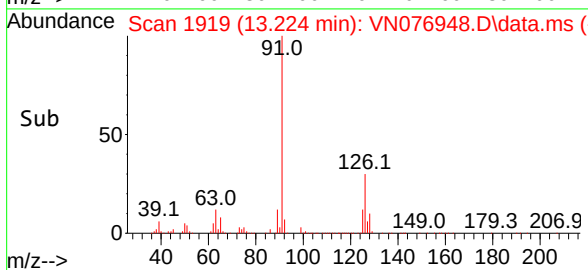
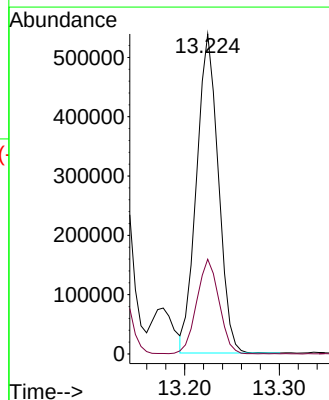
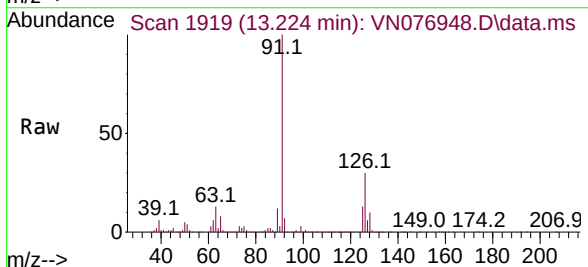
Manual Integrations
APPROVED

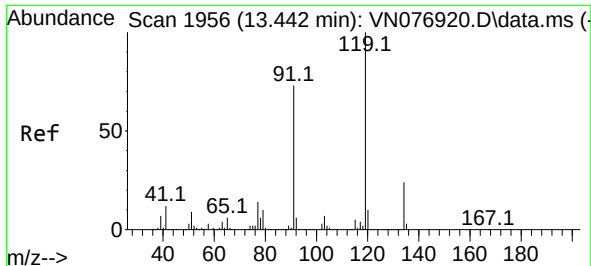
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 49.988 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

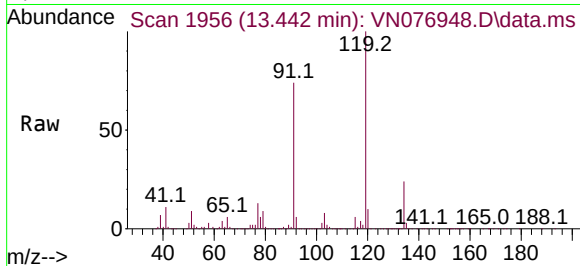
Tgt Ion: 91 Resp: 859577
Ion Ratio Lower Upper
91 100
126 30.4 18.0 54.0





#83
tert-Butylbenzene
Concen: 50.427 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

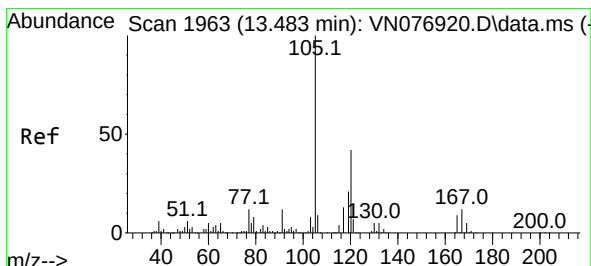
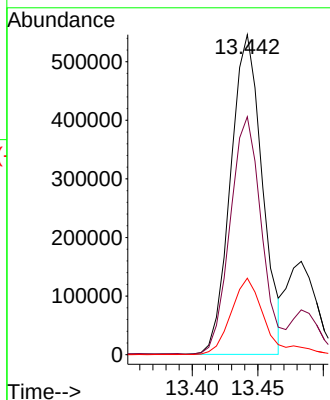
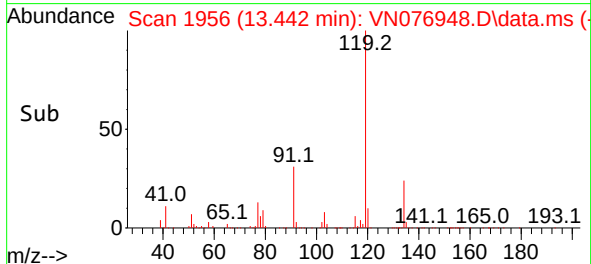
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



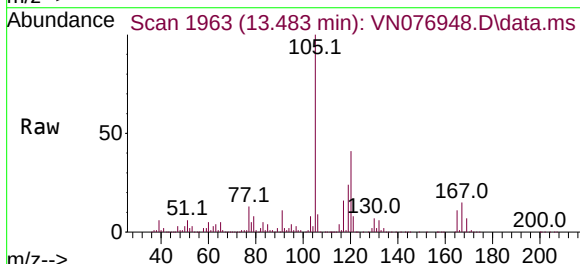
Tgt Ion:119 Resp: 919629
Ion Ratio Lower Upper
119 100
91 74.0 31.9 95.5
134 25.7 13.8 41.4

Manual Integrations
APPROVED

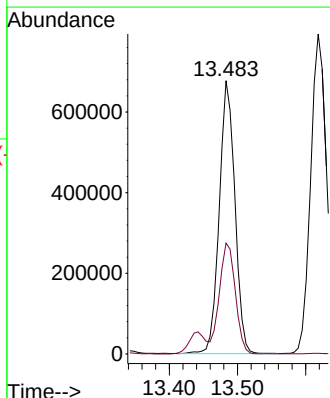
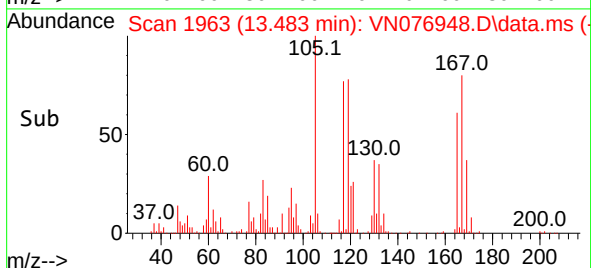
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

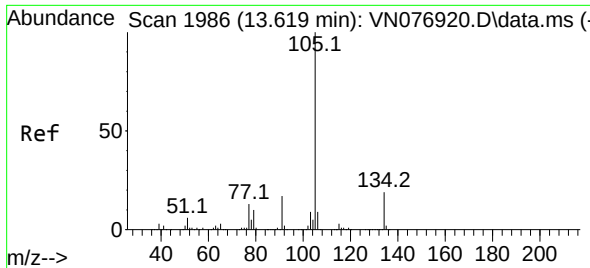


#84
1,2,4-Trimethylbenzene
Concen: 50.338 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion:105 Resp: 1081090
Ion Ratio Lower Upper
105 100
120 41.0 23.6 70.8





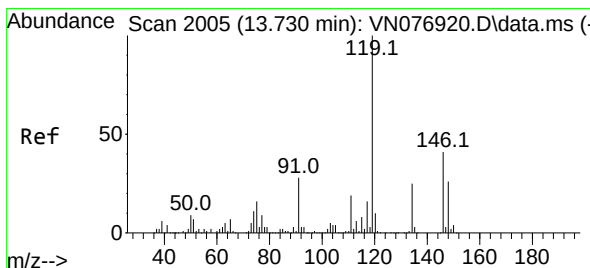
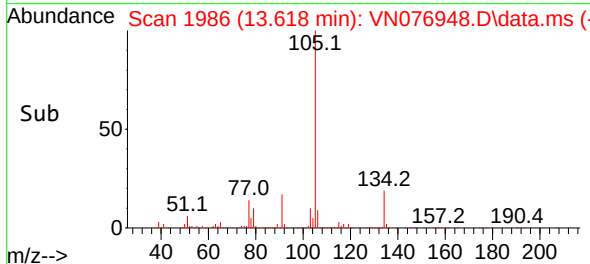
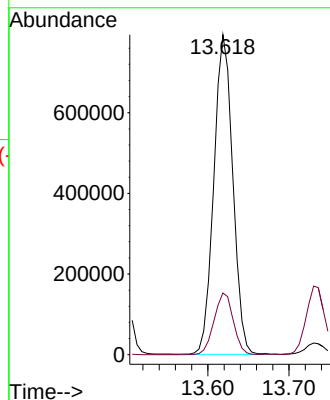
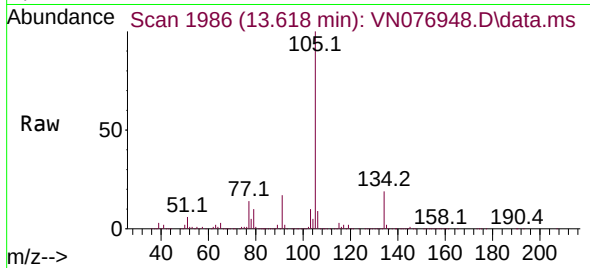
#85
 sec-Butylbenzene
 Concen: 51.496 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 128729
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2

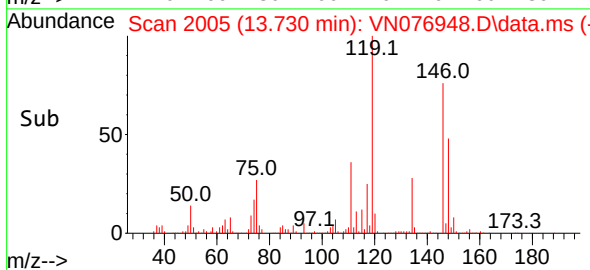
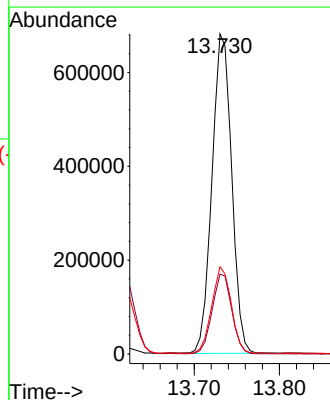
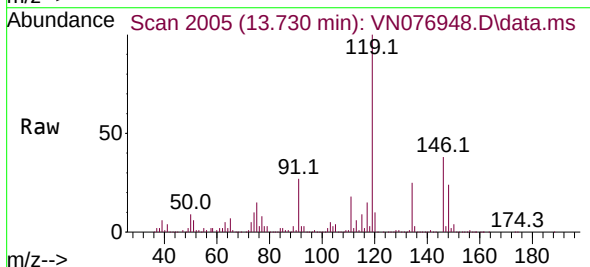
Manual Integrations
 APPROVED

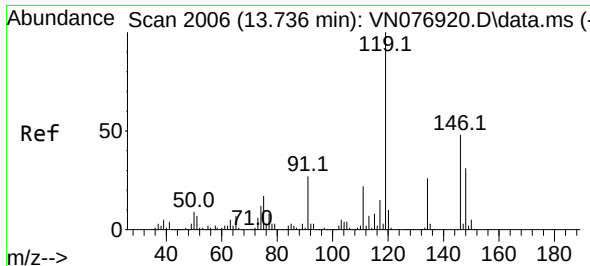
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 54.184 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076948.D
 Acq: 11 Mar 2023 00:52

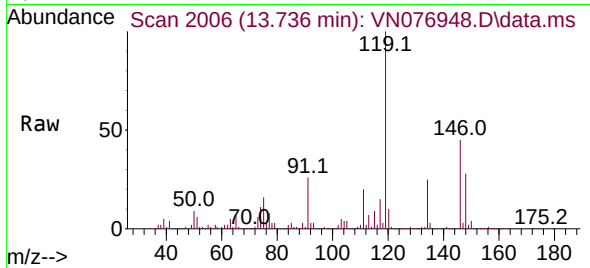
Tgt Ion:119 Resp: 1093790
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.5 40.5
 91 26.7 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 49.037 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

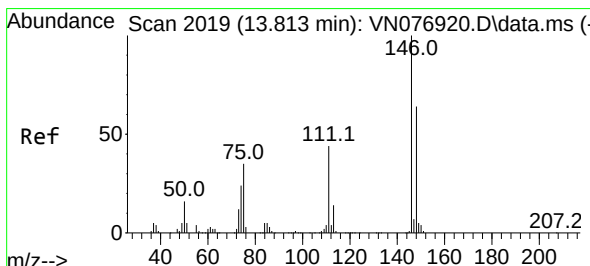
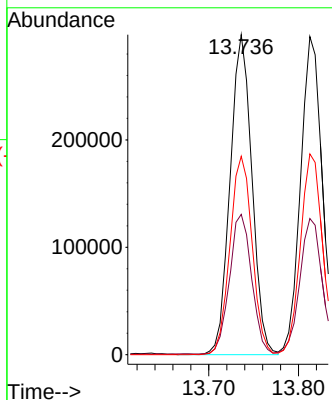
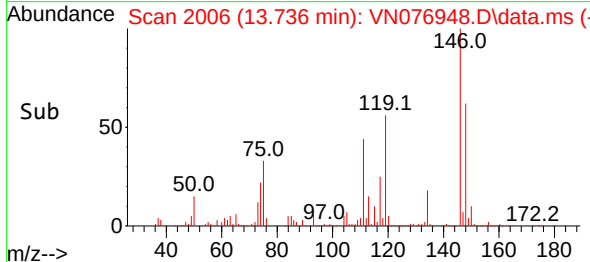
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



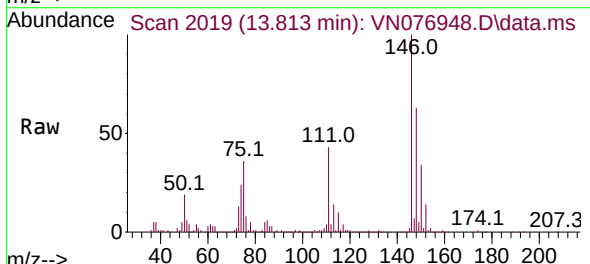
Tgt Ion:146 Resp: 50348
Ion Ratio Lower Upper
146 100
111 44.1 20.4 61.2
148 63.0 31.5 94.5

Manual Integrations
APPROVED

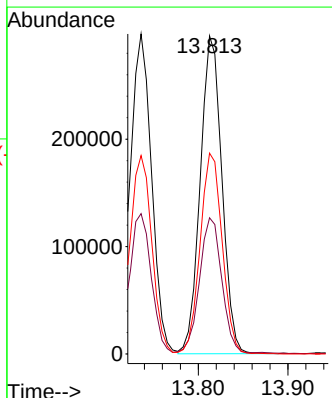
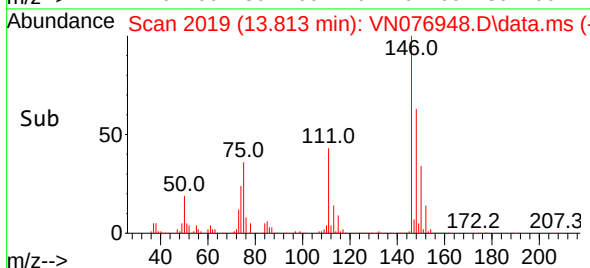
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

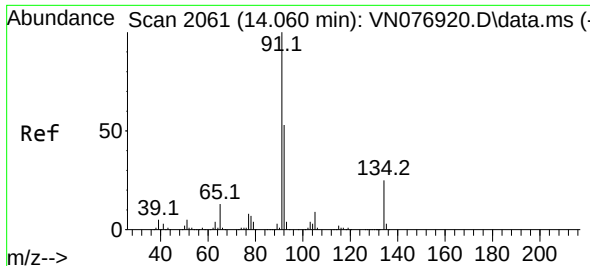


#88
1,4-Dichlorobenzene
Concen: 48.163 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion:146 Resp: 496065
Ion Ratio Lower Upper
146 100
111 43.3 20.0 60.0
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 55.336 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

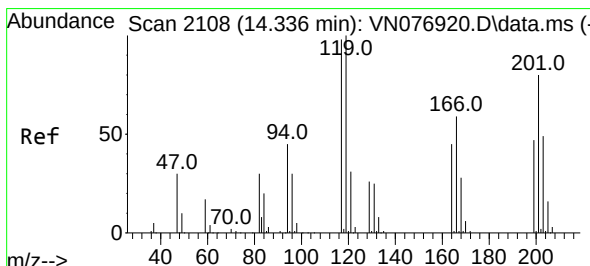
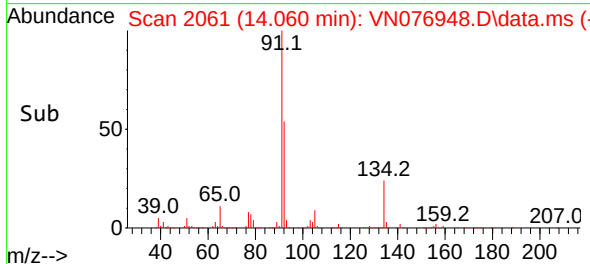
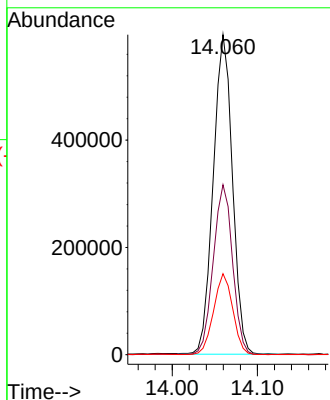
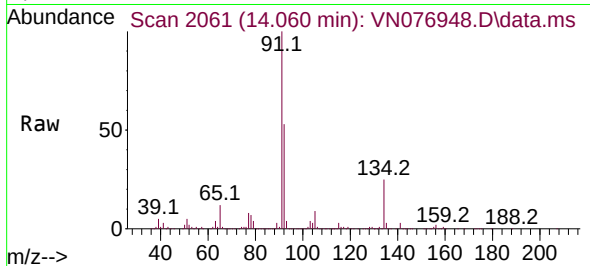
VSTDCCC050EC

Tgt Ion: 91 Resp: 93214
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 25.4 13.6 40.7

Manual Integrations

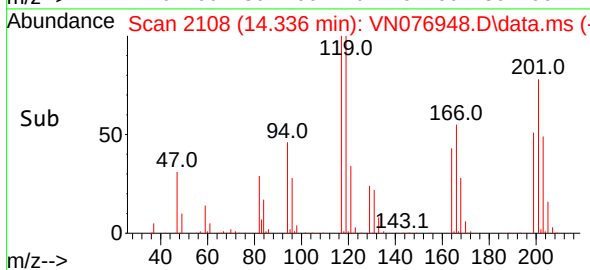
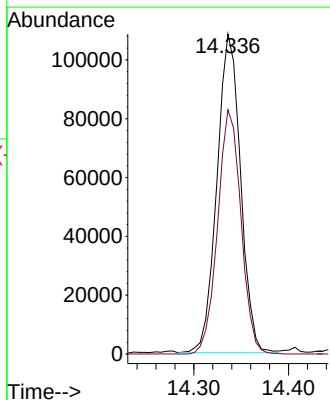
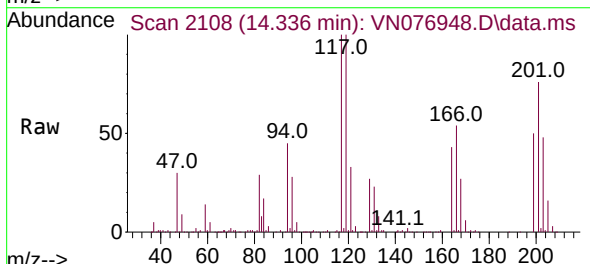
APPROVED

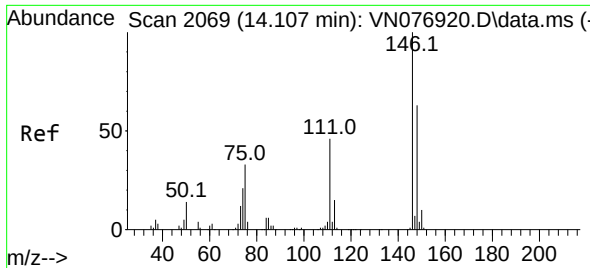
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 48.488 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Tgt Ion:117 Resp: 188078
Ion Ratio Lower Upper
117 100
201 75.5 31.9 95.7





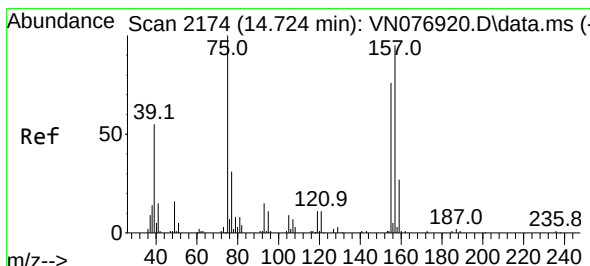
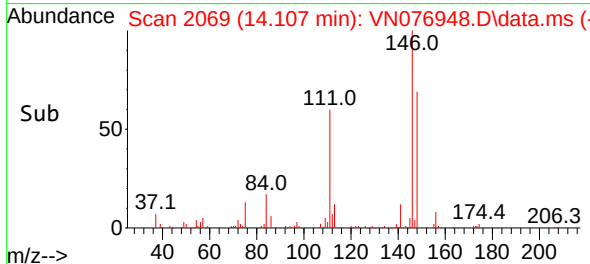
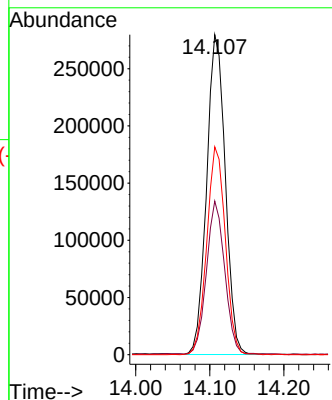
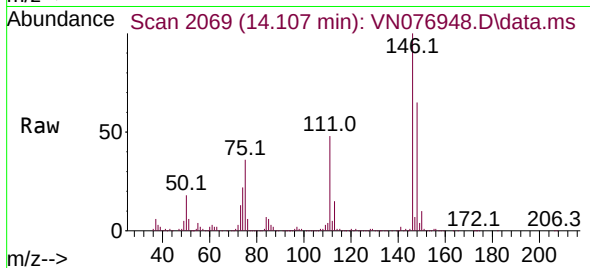
#91
1,2-Dichlorobenzene
Concen: 47.347 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 488358
Ion Ratio Lower Upper
146 100
111 46.8 21.4 64.2
148 64.7 32.0 96.0

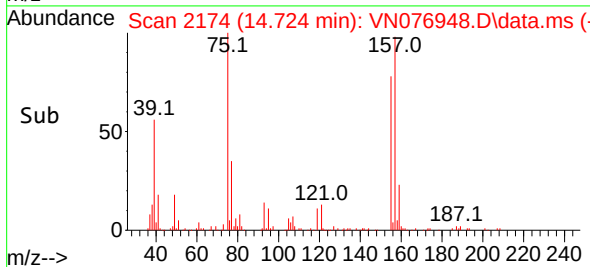
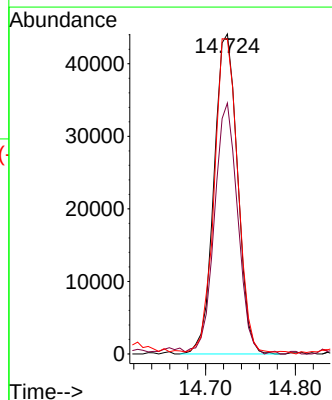
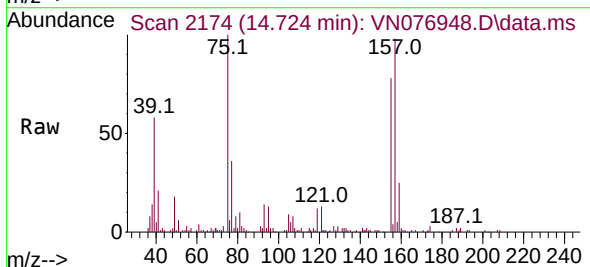
Manual Integrations
APPROVED

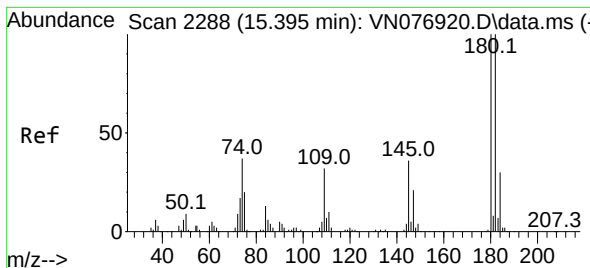
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.044 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

Tgt Ion: 75 Resp: 80292
Ion Ratio Lower Upper
75 100
155 75.7 44.3 132.8
157 97.4 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 52.659 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076948.D

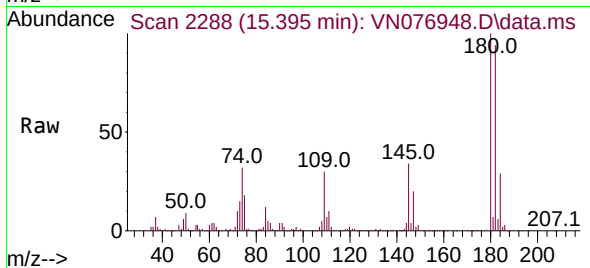
Acq: 11 Mar 2023 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 301910

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

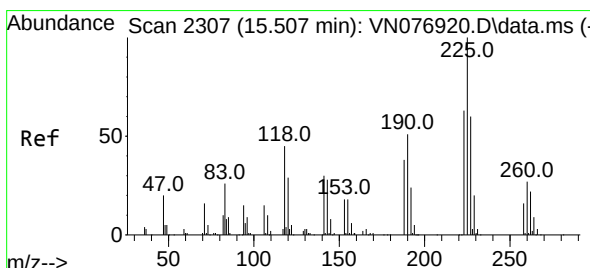
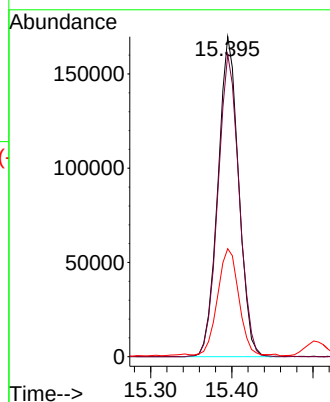
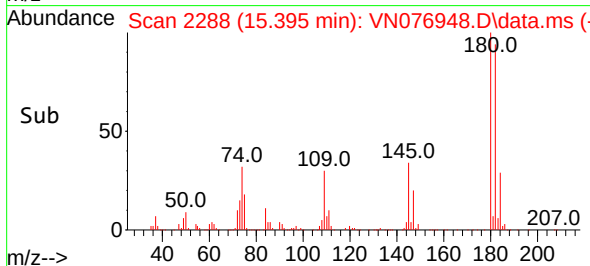
145 34.3 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#94

Hexachlorobutadiene

Concen: 50.429 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076948.D

Acq: 11 Mar 2023 00:52

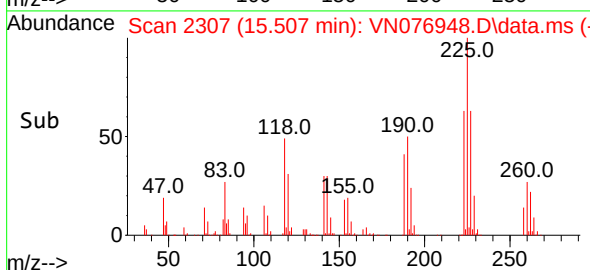
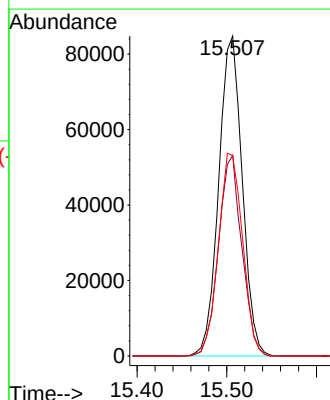
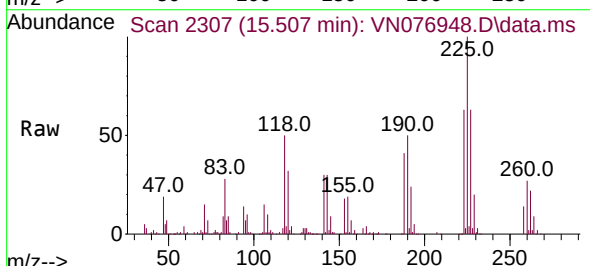
Tgt Ion:225 Resp: 154044

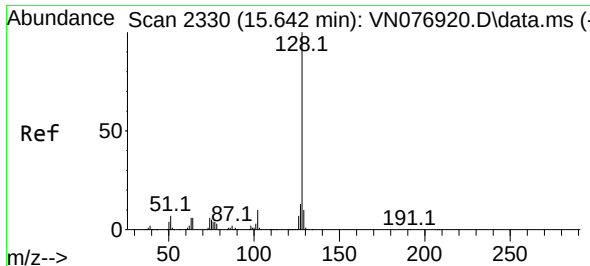
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.0

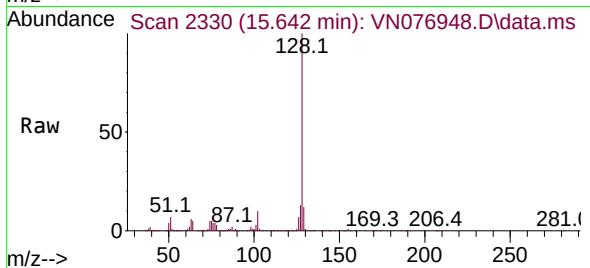
227 65.3 30.9 92.7





#95
Naphthalene
Concen: 57.007 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52

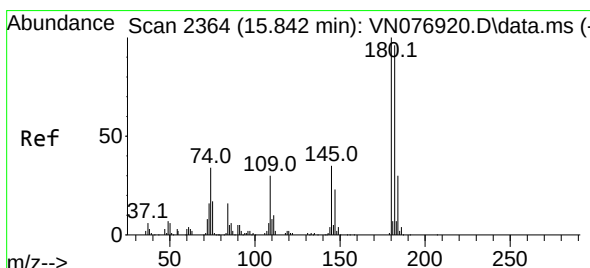
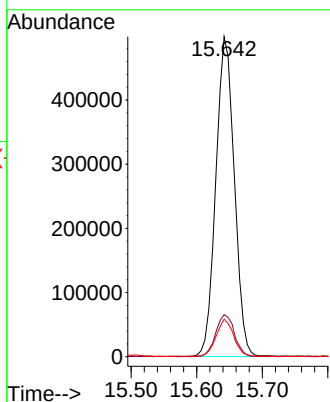
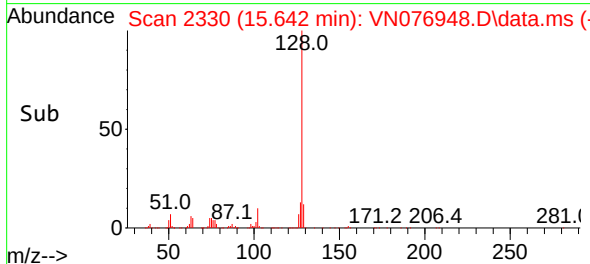
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



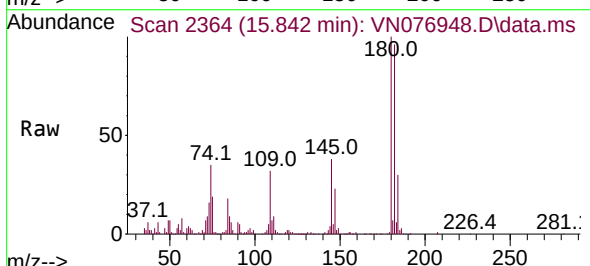
Tgt Ion:128 Resp: 973099
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.526 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076948.D
Acq: 11 Mar 2023 00:52



Tgt Ion:180 Resp: 292437
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 37.8 17.0 51.0

