

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020920.D
 Acq On : 17 Nov 2021 23:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 05:18:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	75652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	122574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	113087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	59416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38090	54.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.720%			
35) Dibromofluoromethane	7.884	113	37436	48.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.380%			
50) Toluene-d8	10.323	98	138851	49.241	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.615	95	53485	50.859	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9692	53.452	ug/l	97
3) Chloromethane	2.208	50	23746	54.525	ug/l	97
4) Vinyl Chloride	2.355	62	40923	53.364	ug/l	100
5) Bromomethane	2.769	94	29879	60.533	ug/l	96
6) Chloroethane	2.916	64	16575	56.075	ug/l	98
7) Trichlorofluoromethane	3.245	101	16604	52.205	ug/l	98
8) Diethyl Ether	3.684	74	18851	56.432	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	35630	54.304	ug/l	97
10) Methyl Iodide	4.269	142	55208	55.786	ug/l	100
11) Tert butyl alcohol	5.165	59	21008	340.275	ug/l #	92
12) 1,1-Dichloroethene	4.037	96	33824	52.608	ug/l	95
13) Acrolein	3.897	56	3368	297.953	ug/l	92
14) Allyl chloride	4.665	41	49834	53.987	ug/l	100
15) Acrylonitrile	5.366	53	41583	287.720	ug/l	99
16) Acetone	4.123	43	38320	263.063	ug/l	99
17) Carbon Disulfide	4.379	76	96854	54.820	ug/l	99
18) Methyl Acetate	4.671	43	29497	58.032	ug/l	98
19) Methyl tert-butyl Ether	5.433	73	63191	57.034	ug/l	97
20) Methylene Chloride	4.921	84	38887	55.653	ug/l	95
21) trans-1,2-Dichloroethene	5.421	96	39968	54.608	ug/l	98
22) Diisopropyl ether	6.311	45	104535	55.194	ug/l	98
23) Vinyl Acetate	6.257	43	310903	280.515	ug/l	99
24) 1,1-Dichloroethane	6.214	63	66657	55.319	ug/l	99
25) 2-Butanone	7.171	43	57026	275.635	ug/l	97
26) 2,2-Dichloropropane	7.165	77	41485	48.521	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	44998	55.035	ug/l	99
28) Bromochloromethane	7.512	49	28321	55.544	ug/l	98
29) Tetrahydrofuran	7.531	42	36613	291.816	ug/l	99
30) Chloroform	7.677	83	73019	55.082	ug/l	100
31) Cyclohexane	7.957	56	58571	50.102	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	60984	54.483	ug/l	99
36) 1,1-Dichloropropene	8.079	75	53862	48.914	ug/l	100
37) Ethyl Acetate	7.250	43	26435	52.631	ug/l	98
38) Carbon Tetrachloride	8.067	117	58177	49.666	ug/l	99
39) Methylcyclohexane	9.335	83	66873	48.369	ug/l	99
40) Benzene	8.323	78	155408	49.498	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	13985	52.221	ug/l	93
42) 1,2-Dichloroethane	8.396	62	48656	51.087	ug/l	100
43) Isopropyl Acetate	8.421	43	51990	52.744	ug/l	99
44) Trichloroethene	9.091	130	45872	50.075	ug/l	97
45) 1,2-Dichloropropane	9.366	63	36930	51.074	ug/l	99
46) Dibromomethane	9.457	93	23605	51.527	ug/l	99
47) Bromodichloromethane	9.646	83	55191	50.921	ug/l	96
48) Methyl methacrylate	9.433	41	22244	50.728	ug/l	98
49) 1,4-Dioxane	9.451	88	7059	1069.357	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	134069	267.136	ug/l	100
52) Toluene	10.384	92	103536	51.301	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	55671	51.732	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	61473	50.478	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	32734	53.297	ug/l	98
56) Ethyl methacrylate	10.646	69	42675	54.566	ug/l	100
57) 1,3-Dichloropropane	10.932	76	52714	50.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	101993	259.131	ug/l	100
59) 2-Hexanone	10.969	43	94967	272.012	ug/l	100
60) Dibromochloromethane	11.134	129	39816	51.422	ug/l	95
61) 1,2-Dibromoethane	11.231	107	32338	53.067	ug/l	99
64) Tetrachloroethene	10.865	164	42553	50.649	ug/l	91
65) Chlorobenzene	11.658	112	114174	50.217	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	42483	50.253	ug/l	97
67) Ethyl Benzene	11.731	91	197828	49.581	ug/l	96
68) m/p-Xylenes	11.841	106	159604	98.945	ug/l	96
69) o-Xylene	12.164	106	79047	52.259	ug/l	99
70) Styrene	12.176	104	130940	51.542	ug/l	99
71) Bromoform	12.347	173	26538	54.307	ug/l #	94
73) Isopropylbenzene	12.463	105	203955	50.232	ug/l	98
74) N-amyl acetate	12.274	43	51477	53.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	37019	52.261	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	29251m	54.794	ug/l	
77) Bromobenzene	12.743	156	52564	53.299	ug/l	93
78) n-propylbenzene	12.804	91	237876	49.742	ug/l	100
79) 2-Chlorotoluene	12.889	91	138778	50.211	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	173640	49.870	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	11643	51.304	ug/l	98
82) 4-Chlorotoluene	12.987	91	147680	50.384	ug/l	98
83) tert-Butylbenzene	13.206	119	153666	49.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	177845	51.725	ug/l	100
85) sec-Butylbenzene	13.383	105	220849	49.314	ug/l	98
86) p-Isopropyltoluene	13.493	119	198225	51.342	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	104843	52.455	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	98890	49.236	ug/l	96
89) n-Butylbenzene	13.822	91	173858	50.151	ug/l	98
90) Hexachloroethane	14.090	117	37330	51.341	ug/l	89
91) 1,2-Dichlorobenzene	13.871	146	94249	53.674	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6764	54.377	ug/l	96
93) 1,2,4-Trichlorobenzene	15.133	180	63820	51.005	ug/l	100
94) Hexachlorobutadiene	15.230	225	36084	50.852	ug/l	95
95) Naphthalene	15.365	128	122886	52.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	59304	53.749	ug/l	97

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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Nov 18 05:03:38 2021
Response via : Initial Calibration

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

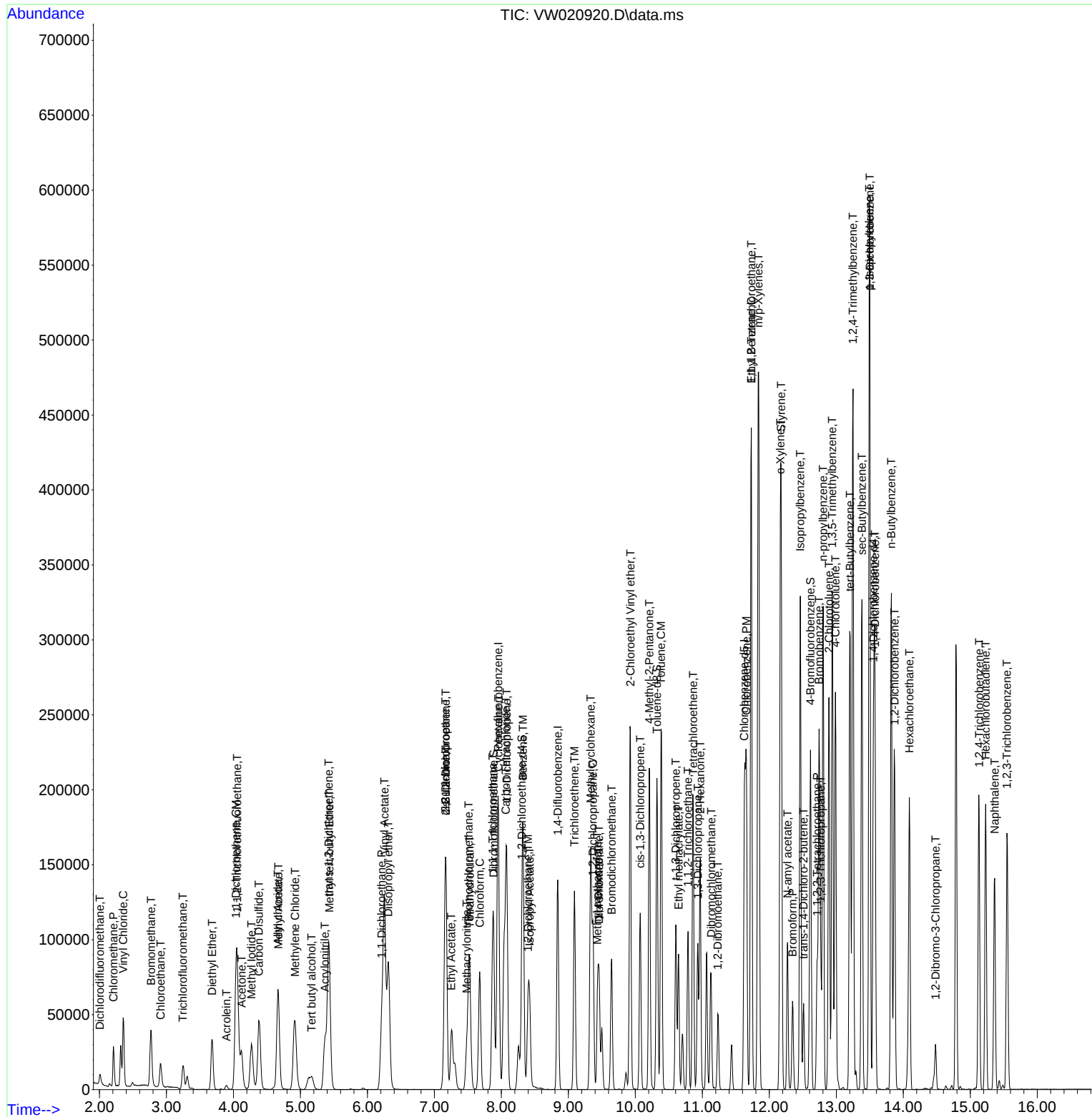
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 ALS Vial : 21 Sample Multiplier: 1

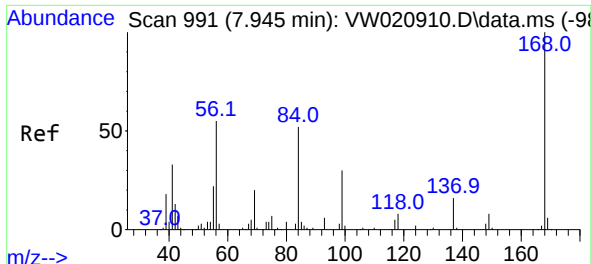
Instrument :
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Manual Integrations APPROVED

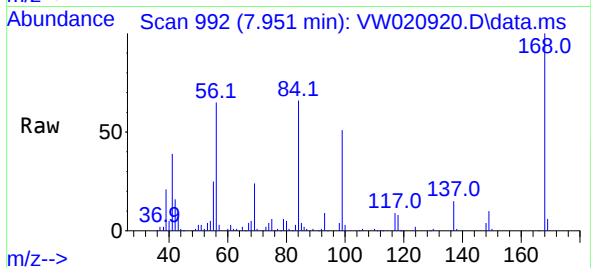
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 991
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

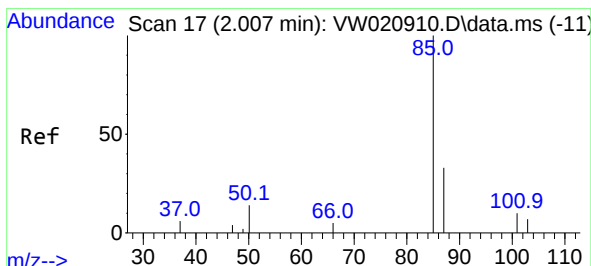
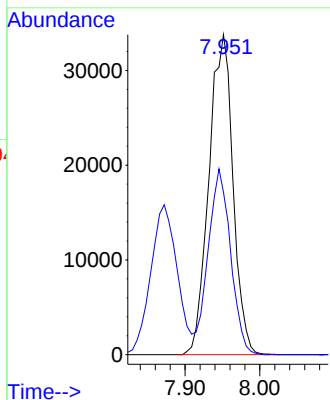
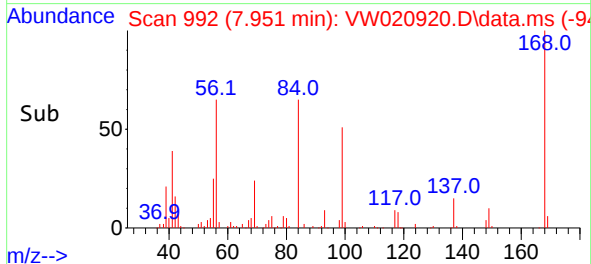
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 75652
Ion Ratio Lower Upper
168 100
99 50.8 41.6 62.4

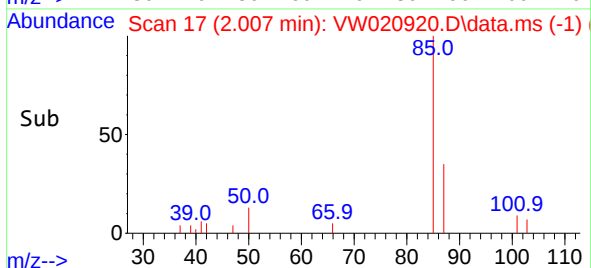
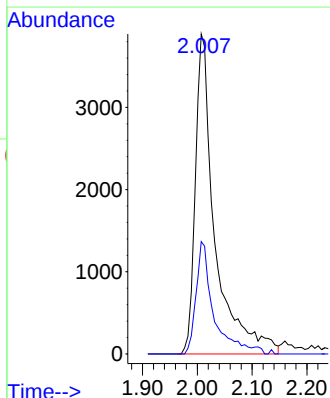
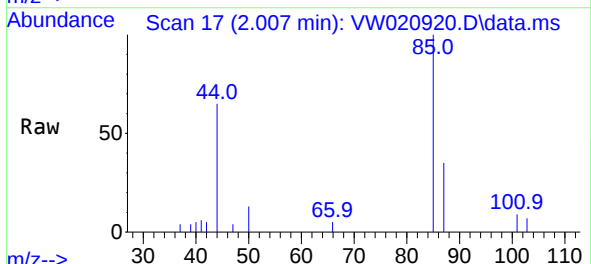
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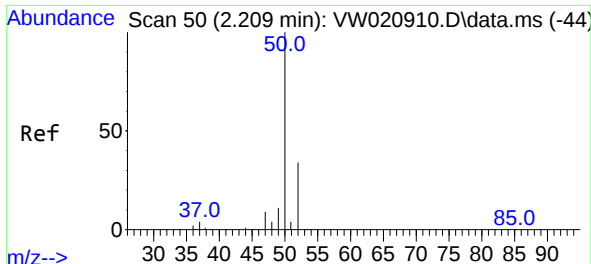
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#2
Dichlorodifluoromethane
Concen: 53.452 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

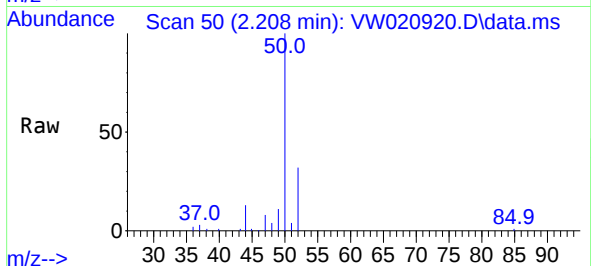
Tgt Ion: 85 Resp: 9692
Ion Ratio Lower Upper
85 100
87 35.1 16.8 50.3





#3
Chloromethane
Concen: 54.525 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

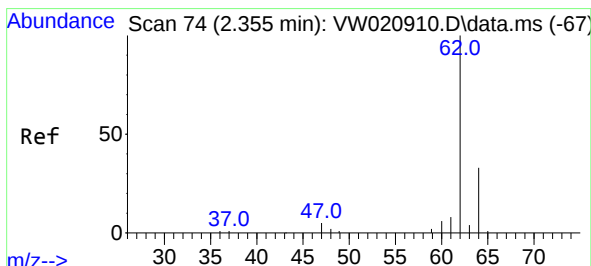
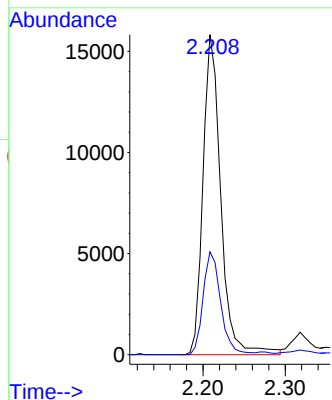
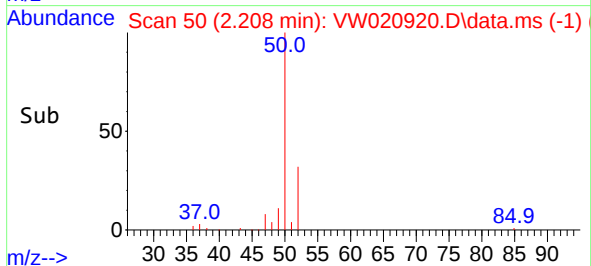
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 23740
Ion Ratio Lower Upper
50 100
52 32.2 27.2 40.8

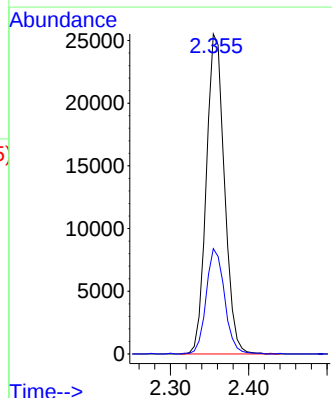
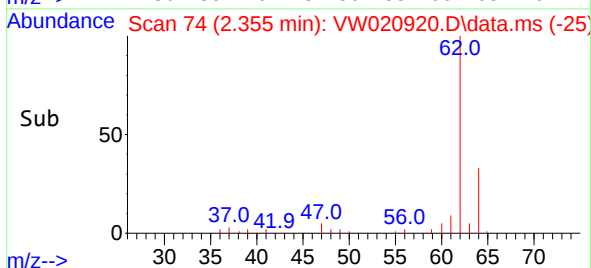
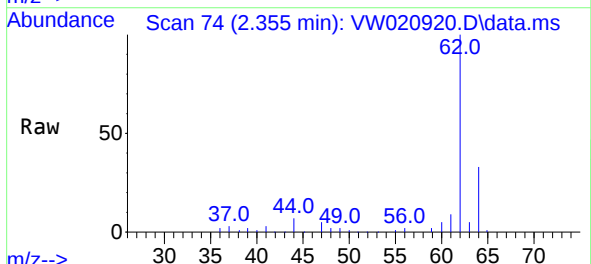
Manual Integrations
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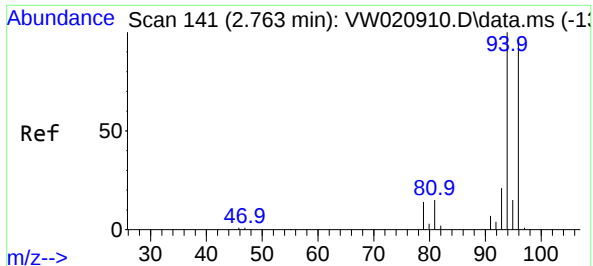
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 53.364 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 62 Resp: 40923
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.4





#5

Bromomethane

Concen: 60.533 ug/l

RT: 2.769 min Scan# 141

Delta R.T. 0.006 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 29879

Ion Ratio Lower Upper

94 100

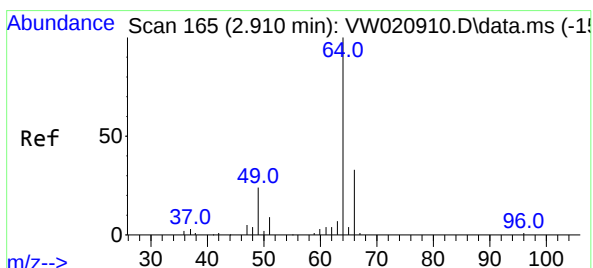
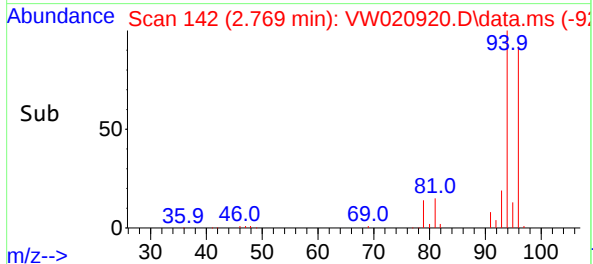
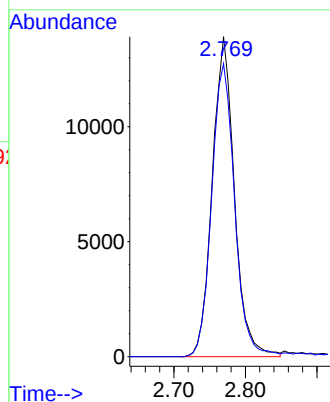
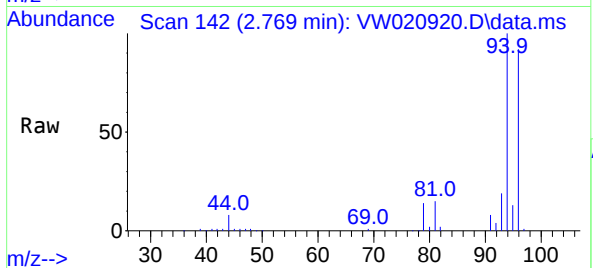
96 91.6 76.4 114.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/18/2021



#6

Chloroethane

Concen: 56.075 ug/l

RT: 2.916 min Scan# 166

Delta R.T. 0.006 min

Lab File: VW020920.D

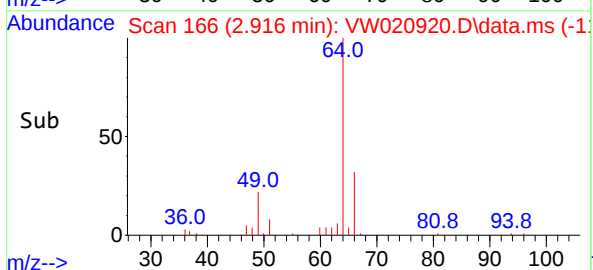
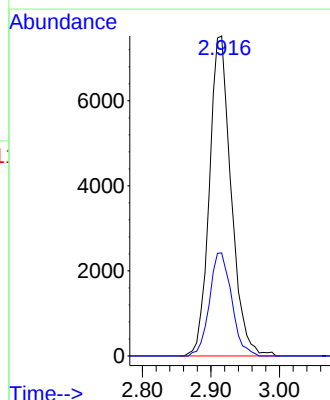
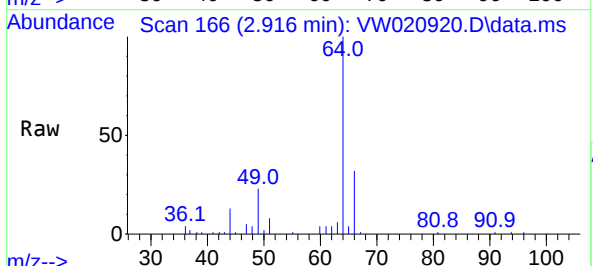
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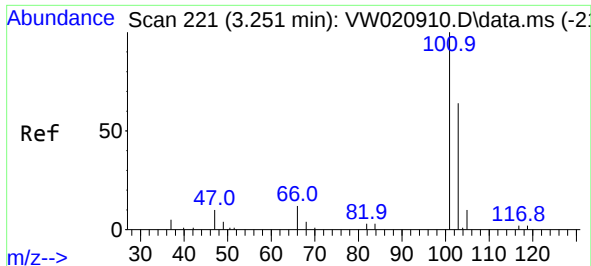
Tgt Ion: 64 Resp: 16575

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1





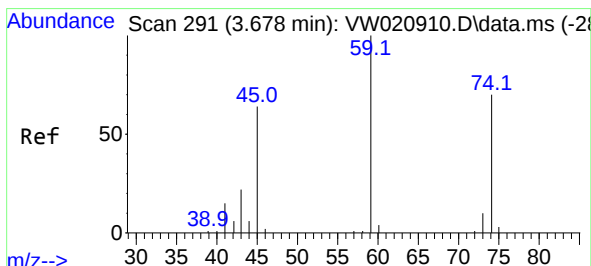
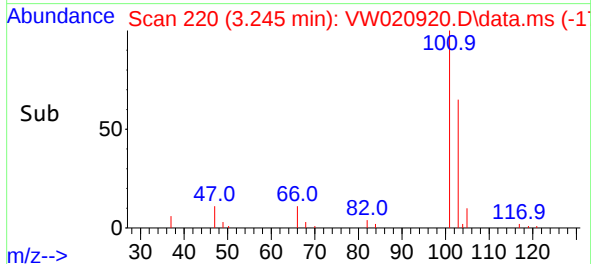
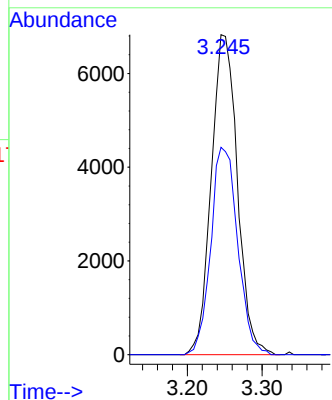
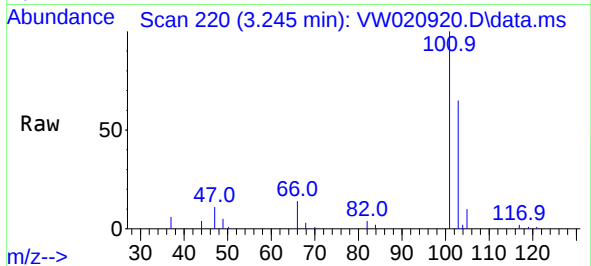
#7
Trichlorofluoromethane
Concen: 52.205 ug/l
RT: 3.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:101 Resp: 16604
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3

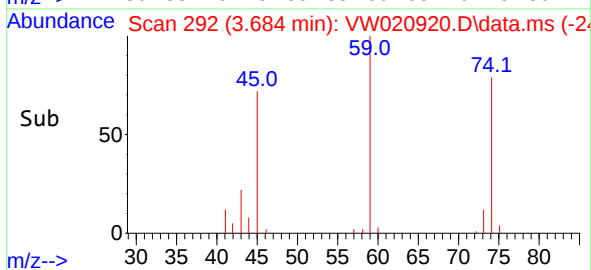
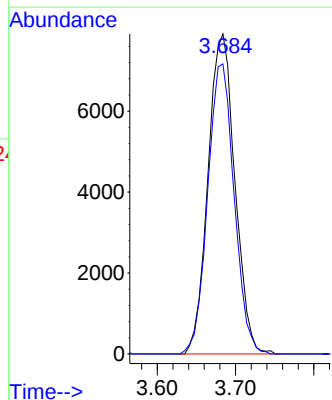
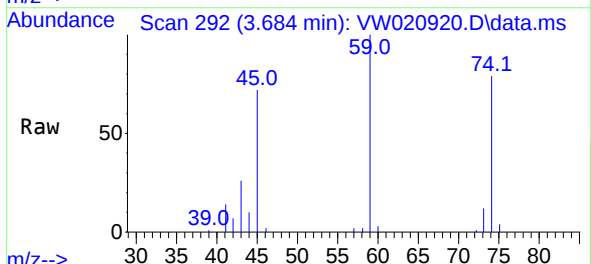
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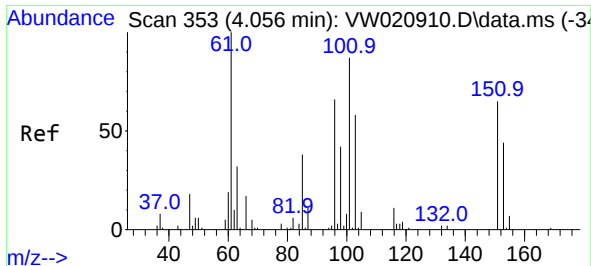
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#8
Diethyl Ether
Concen: 56.432 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 74 Resp: 18851
Ion Ratio Lower Upper
74 100
45 89.2 45.3 135.8





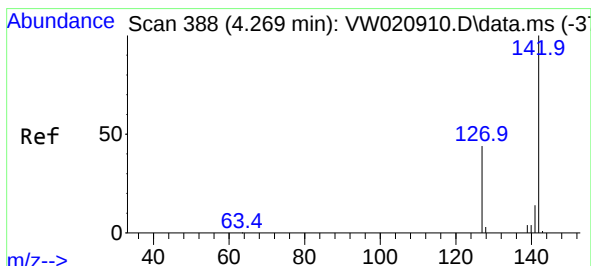
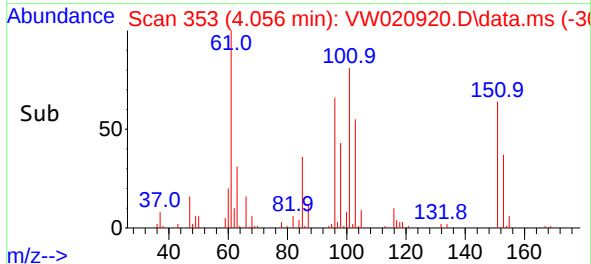
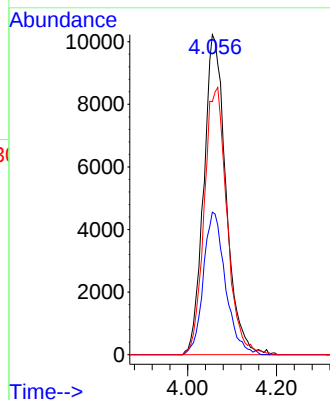
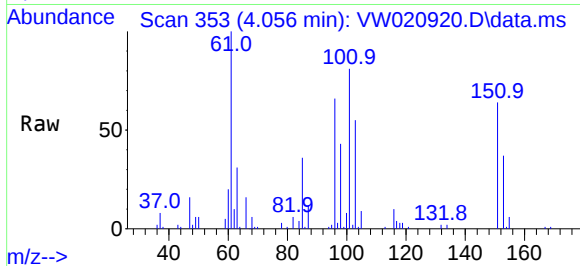
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.304 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 35630
Ion Ratio Lower Upper
101 100
85 44.2 36.6 54.8
151 85.4 66.3 99.5

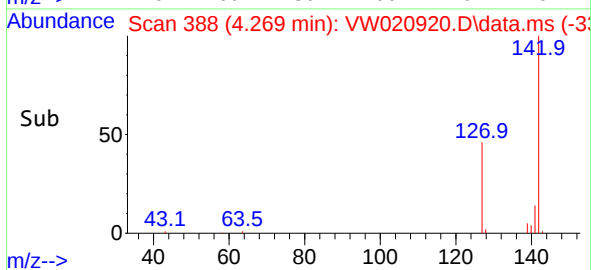
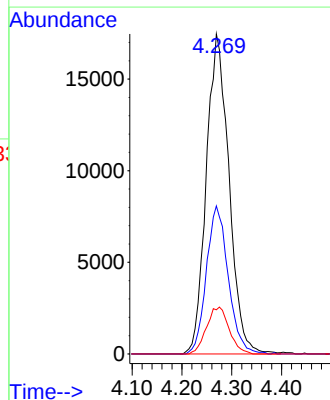
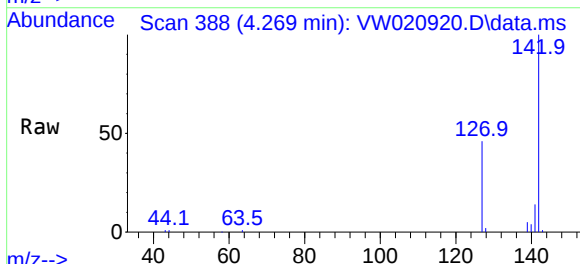
Manual Integrations
APPROVED

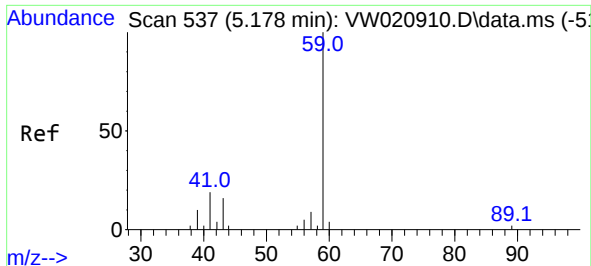
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 55.786 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion:142 Resp: 55208
Ion Ratio Lower Upper
142 100
127 44.5 35.5 53.3
141 14.6 11.5 17.3





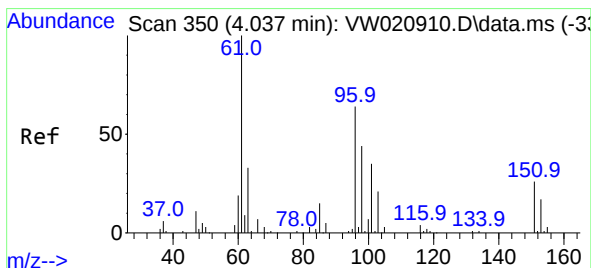
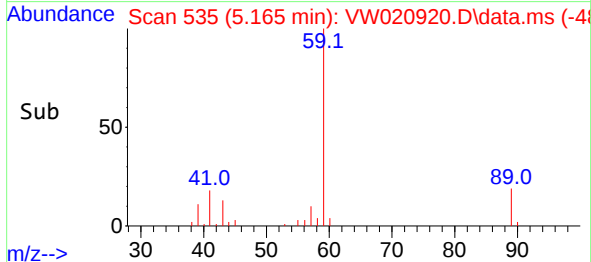
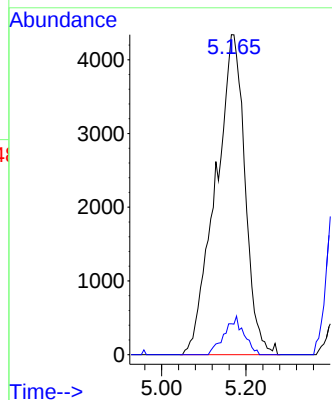
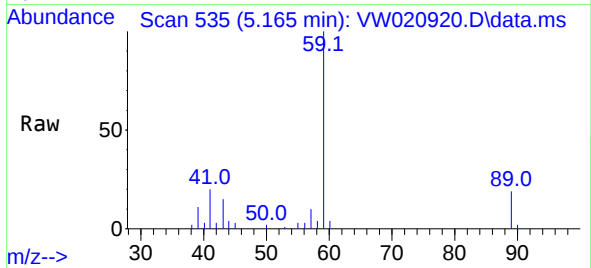
#11
Tert butyl alcohol
Concen: 340.275 ug/l
RT: 5.165 min Scan# 51
Delta R.T. -0.013 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 21008
Ion Ratio Lower Upper
59 100
57 7.9 4.3 6.5

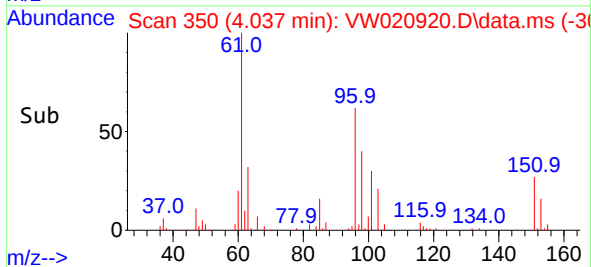
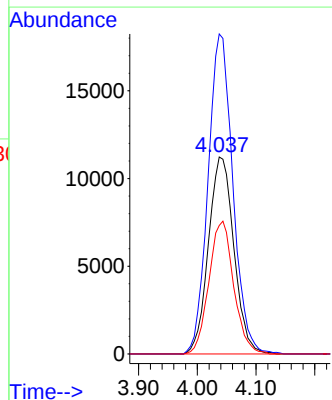
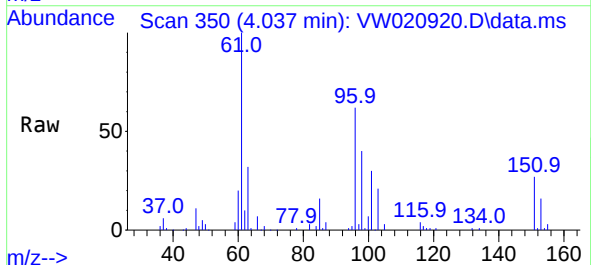
Manual Integrations
APPROVED

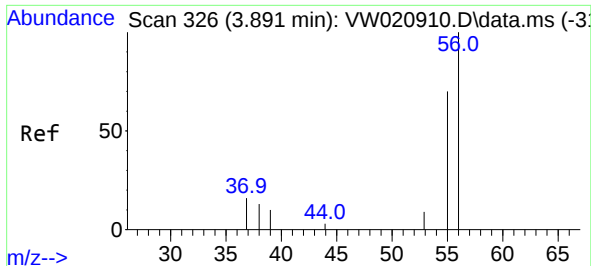
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 52.608 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 96 Resp: 33824
Ion Ratio Lower Upper
96 100
61 162.5 124.4 186.6
98 65.3 54.2 81.2





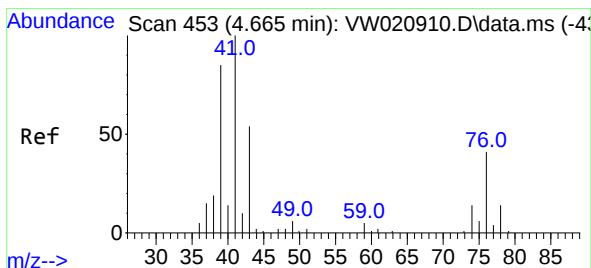
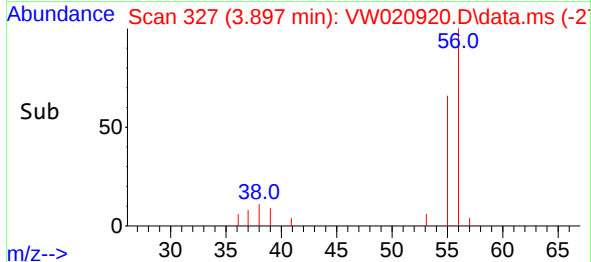
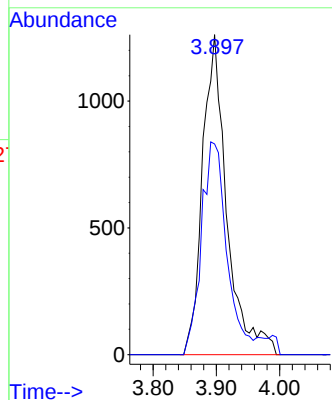
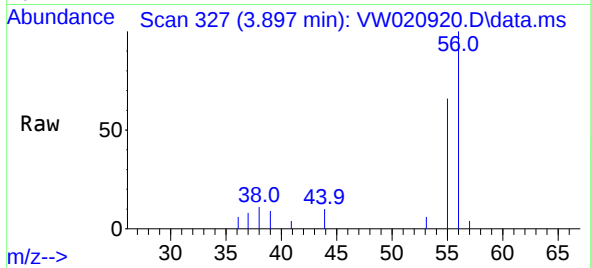
#13
Acrolein
Concen: 297.953 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 3368
Ion Ratio Lower Upper
56 100
55 69.6 61.2 91.8

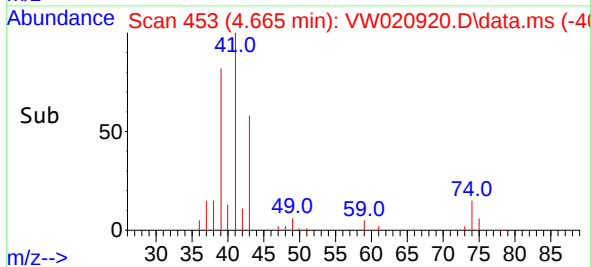
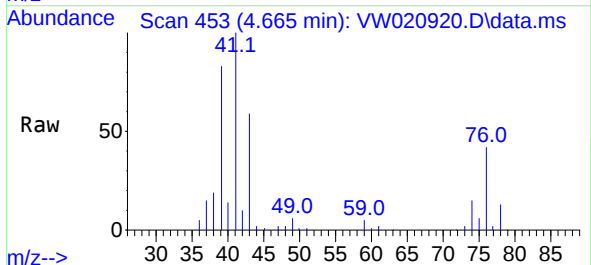
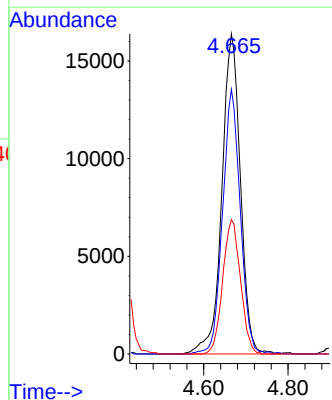
Manual Integrations
APPROVED

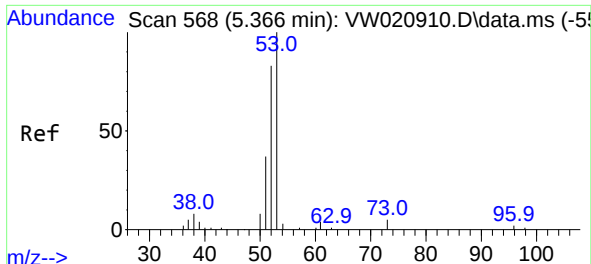
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 53.987 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

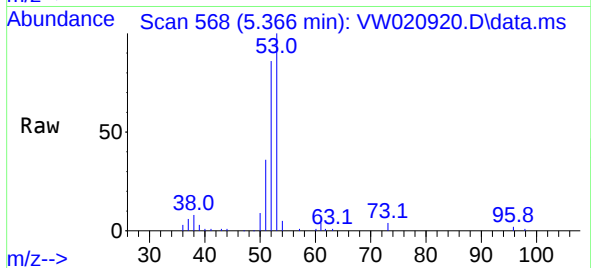
Tgt Ion: 41 Resp: 49834
Ion Ratio Lower Upper
41 100
39 78.8 63.4 95.2
76 40.1 32.2 48.4





#15
Acrylonitrile
Concen: 287.720 ug/l
RT: 5.366 min Scan# 501
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

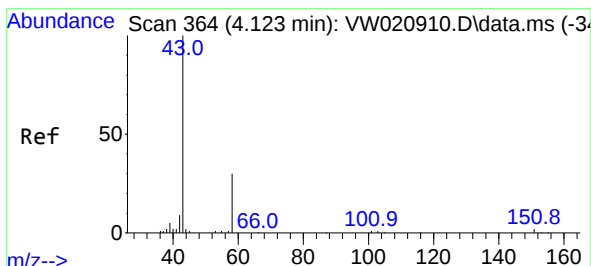
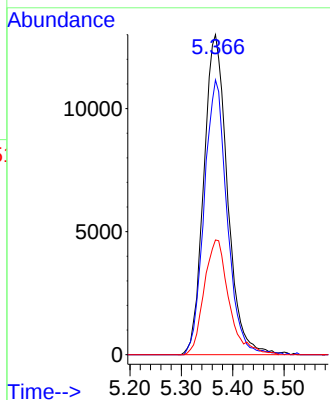
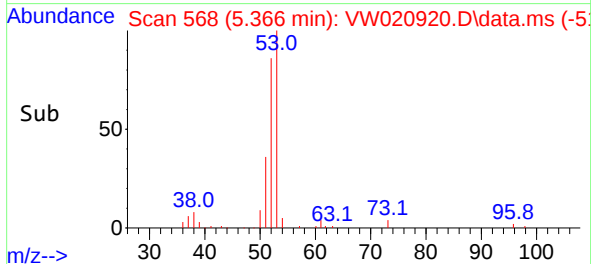
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



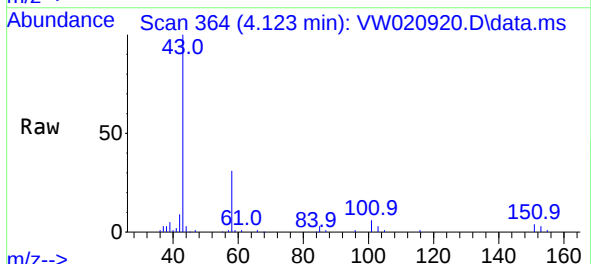
Tgt Ion: 53 Resp: 4158
Ion Ratio Lower Upper
53 100
52 83.2 65.9 98.9
51 37.7 29.8 44.6

Manual Integrations
APPROVED

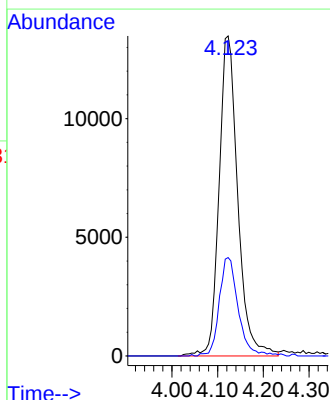
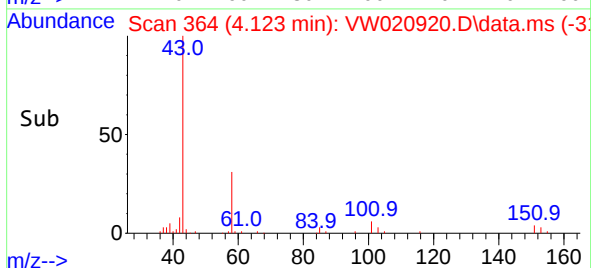
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

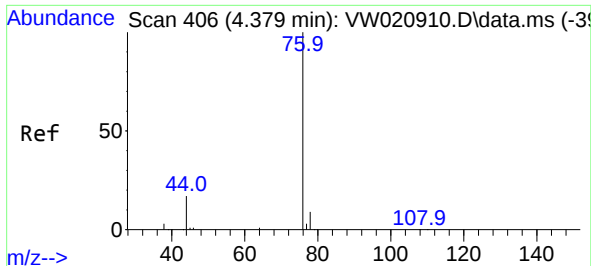


#16
Acetone
Concen: 263.063 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



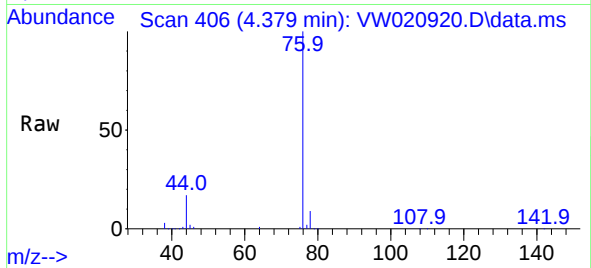
Tgt Ion: 43 Resp: 38320
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.2





#17
Carbon Disulfide
Concen: 54.820 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

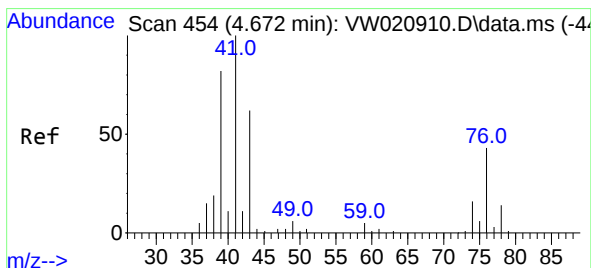
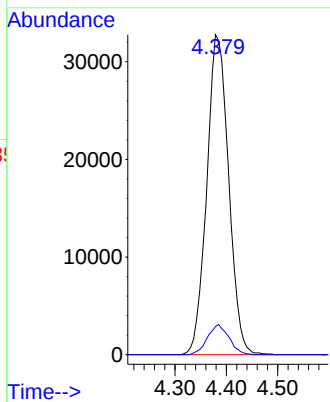
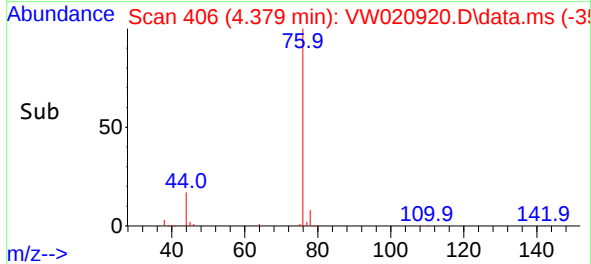
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 96854
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

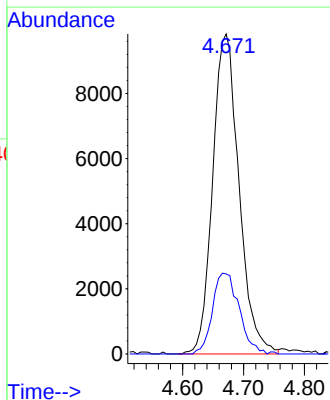
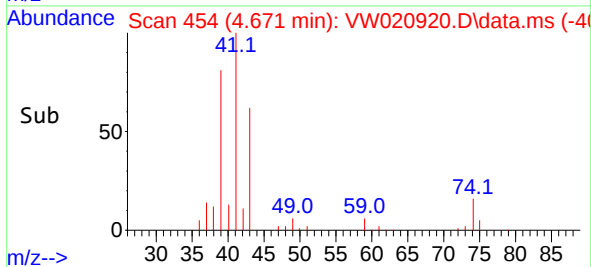
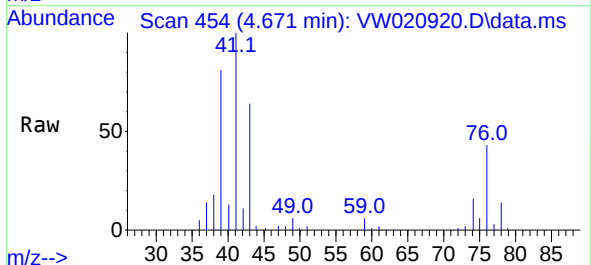
Manual Integrations
APPROVED

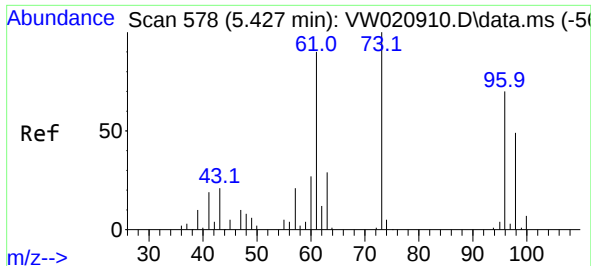
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 58.032 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 43 Resp: 29497
Ion Ratio Lower Upper
43 100
74 25.6 19.7 29.5





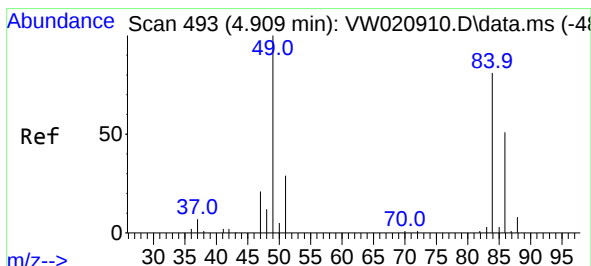
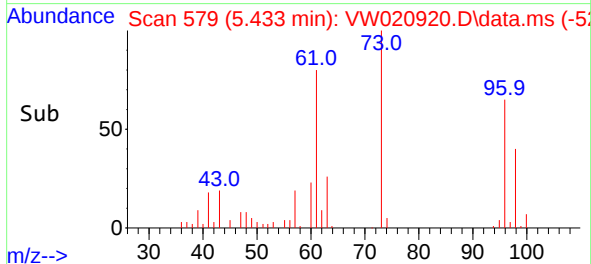
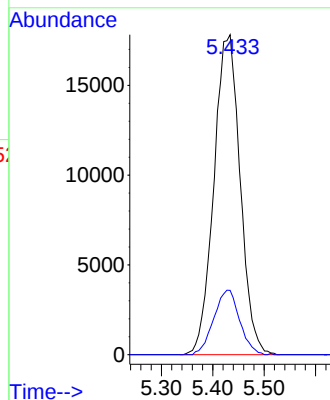
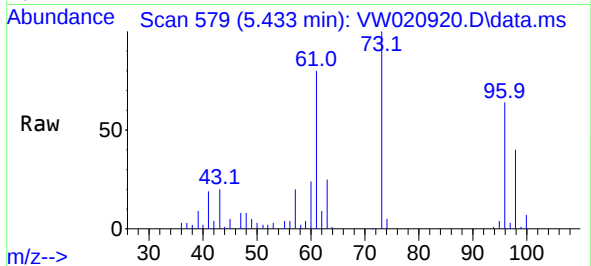
#19
Methyl tert-butyl Ether
Concen: 57.034 ug/l
RT: 5.433 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 6319
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.6

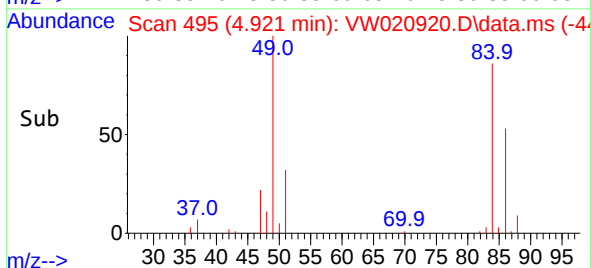
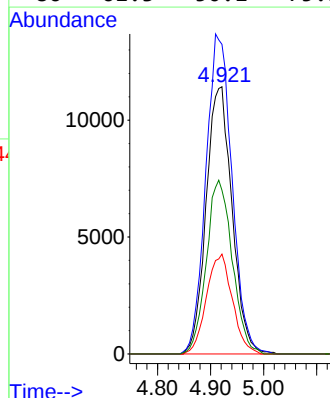
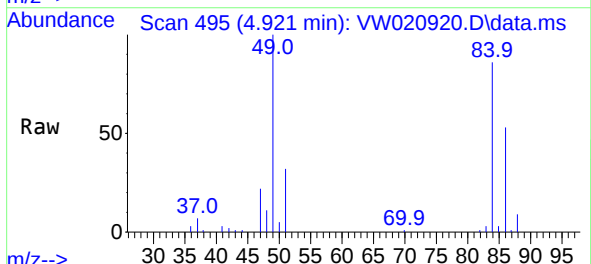
Manual Integrations
APPROVED

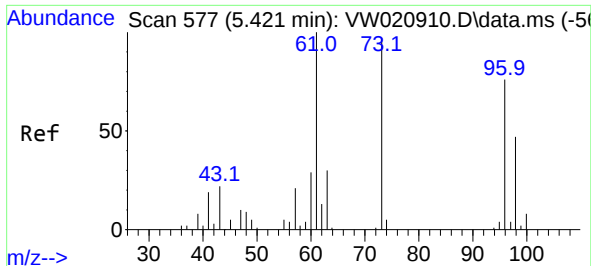
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 55.653 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

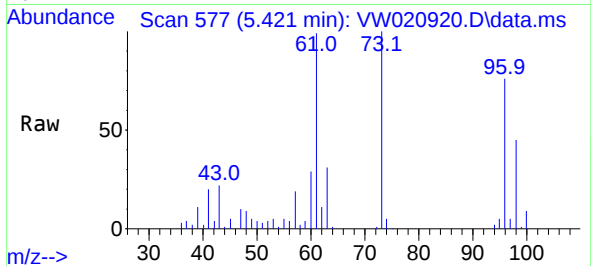
Tgt Ion: 84 Resp: 38887
Ion Ratio Lower Upper
84 100
49 115.9 99.1 148.7
51 37.4 28.8 43.2
86 61.3 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 54.608 ug/l
RT: 5.421 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

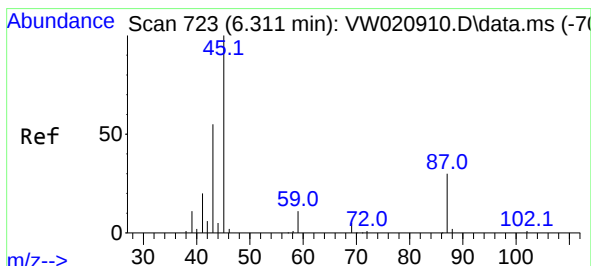
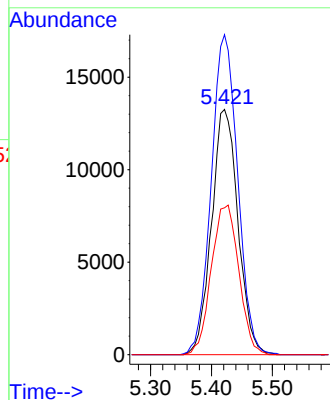
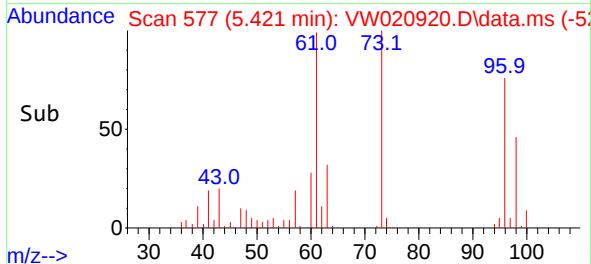
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



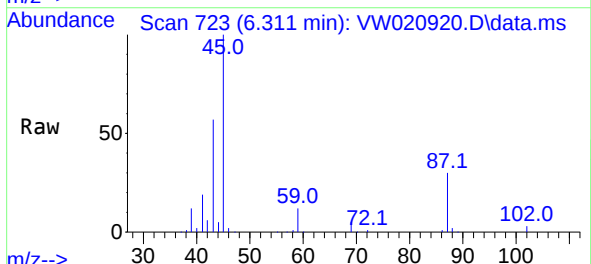
Tgt Ion: 96 Resp: 3996
Ion Ratio Lower Upper
96 100
61 130.4 105.7 158.5
98 59.8 49.7 74.5

Manual Integrations
APPROVED

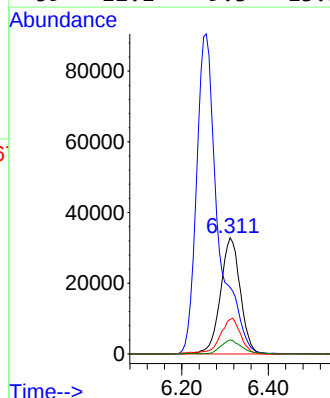
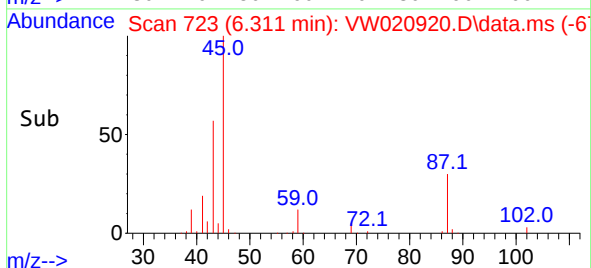
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

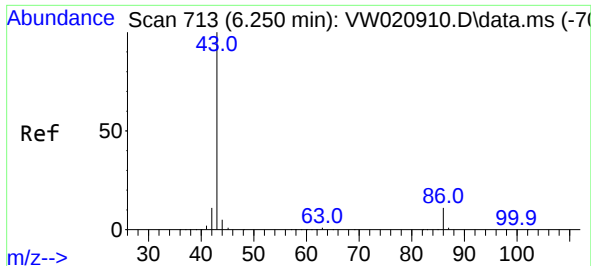


#22
Diisopropyl ether
Concen: 55.194 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



Tgt Ion: 45 Resp: 104535
Ion Ratio Lower Upper
45 100
43 57.1 46.2 69.4
87 29.7 25.0 37.6
59 12.1 9.3 13.9





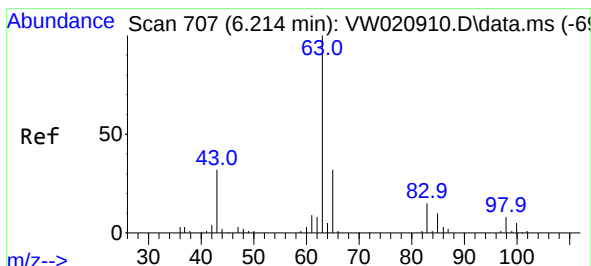
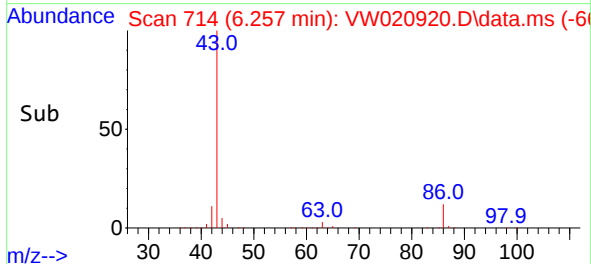
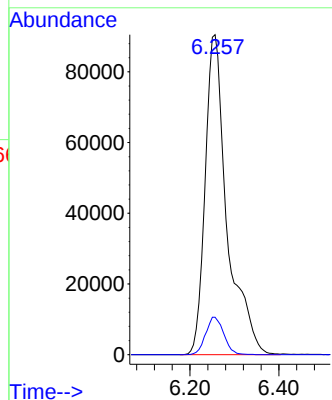
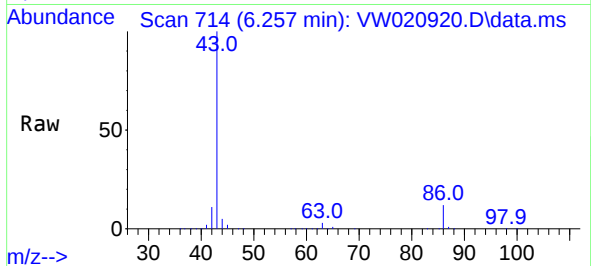
#23
Vinyl Acetate
Concen: 280.515 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 31090
Ion Ratio Lower Upper
43 100
86 11.7 9.2 13.8

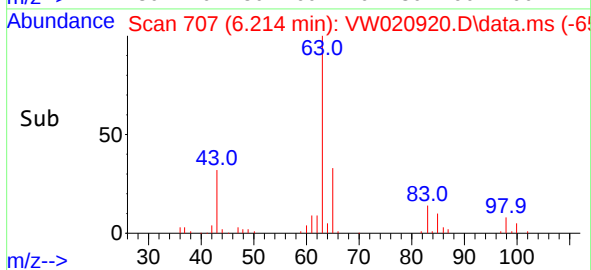
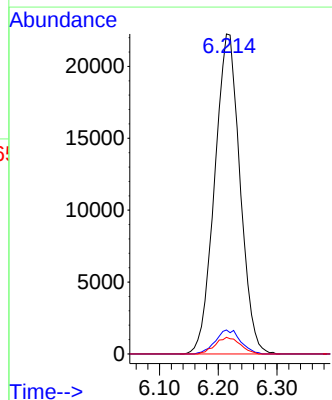
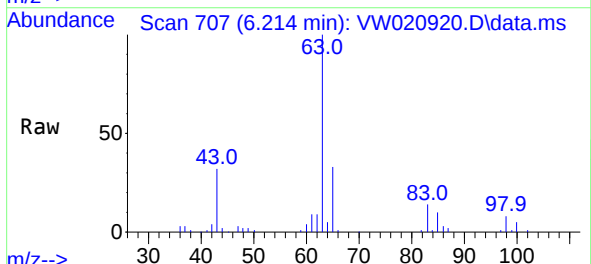
Manual Integrations
APPROVED

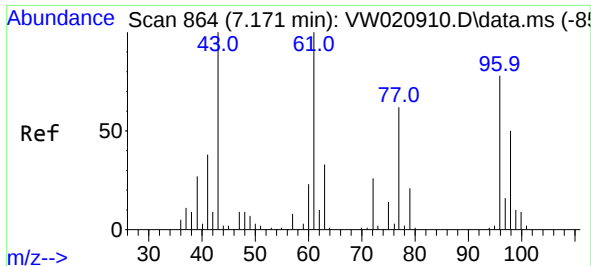
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#24
1,1-Dichloroethane
Concen: 55.319 ug/l
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

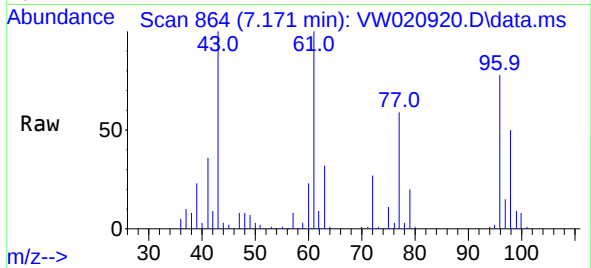
Tgt Ion: 63 Resp: 66657
Ion Ratio Lower Upper
63 100
98 7.5 4.0 12.2
100 5.2 2.6 8.0





#25
2-Butanone
Concen: 275.635 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

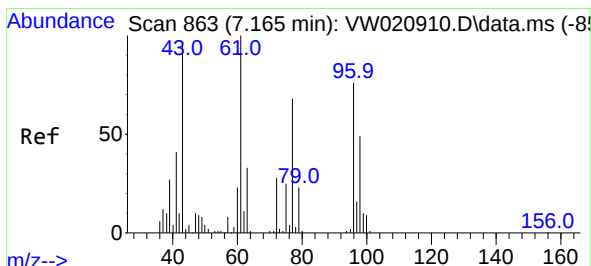
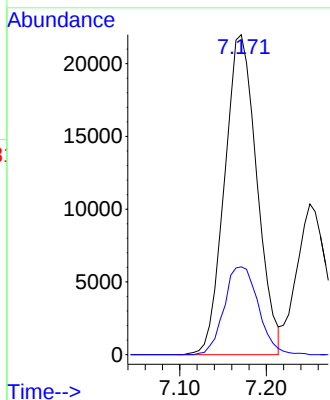
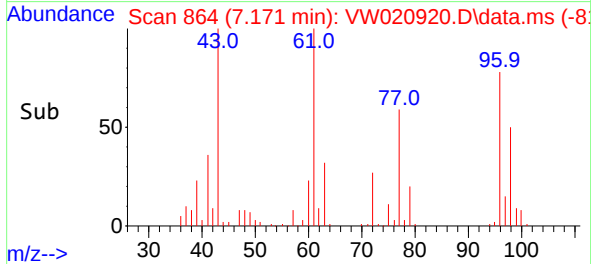
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



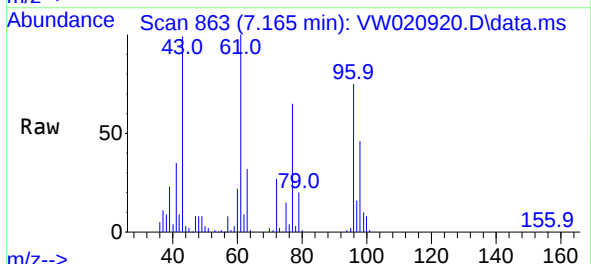
Tgt Ion: 43 Resp: 57020
Ion Ratio Lower Upper
43 100
72 27.4 20.7 31.1

Manual Integrations
APPROVED

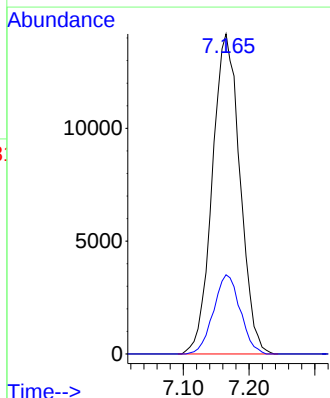
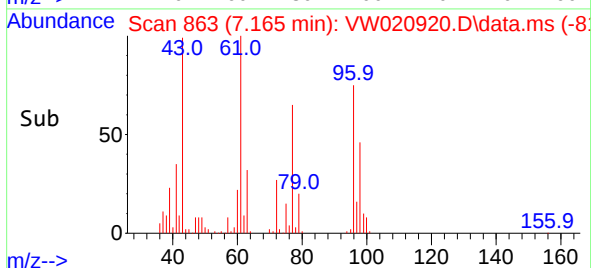
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

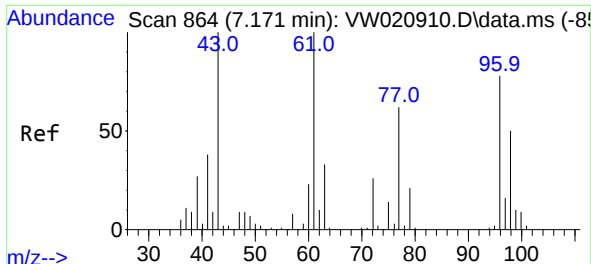


#26
2,2-Dichloropropane
Concen: 48.521 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



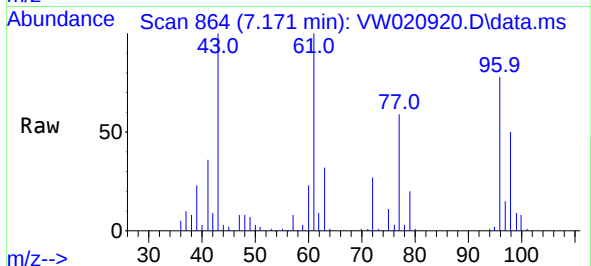
Tgt Ion: 77 Resp: 41485
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 55.035 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

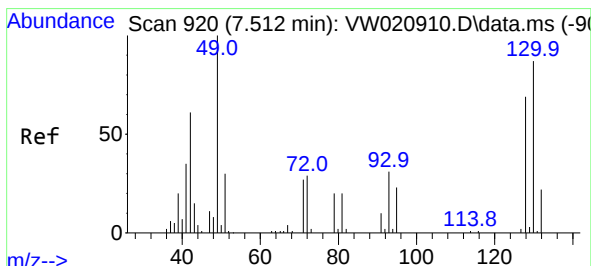
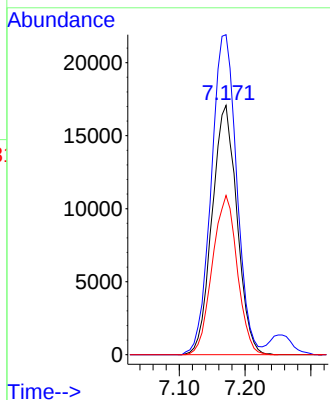
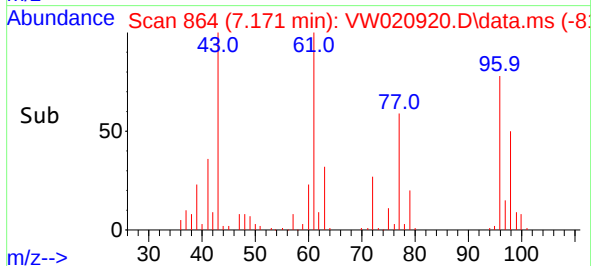
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



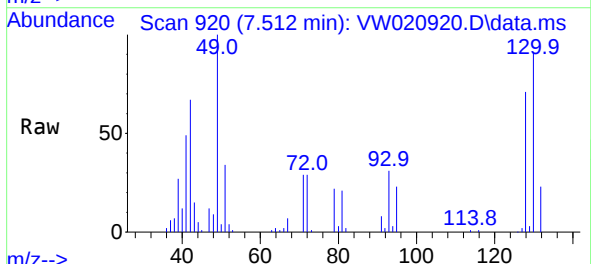
Tgt Ion: 96 Resp: 44998
Ion Ratio Lower Upper
96 100
61 131.6 0.0 266.6
98 63.9 0.0 129.4

Manual Integrations
APPROVED

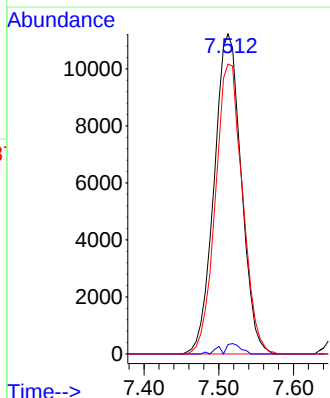
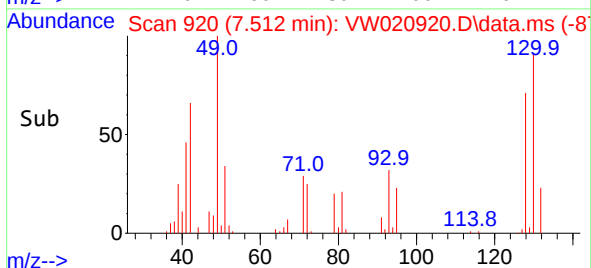
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

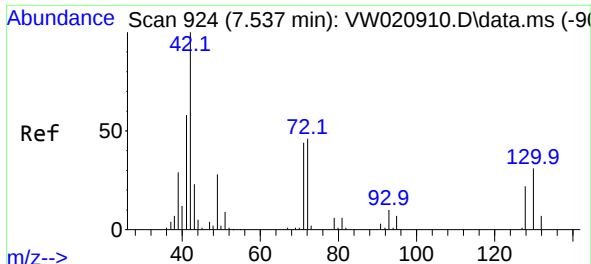


#28
Bromochloromethane
Concen: 55.544 ug/l
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



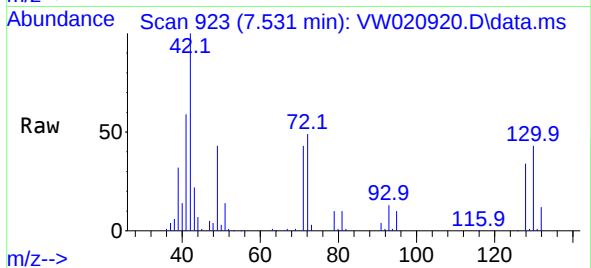
Tgt Ion: 49 Resp: 28321
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.4
130 90.5 70.8 106.2





#29
Tetrahydrofuran
Concen: 291.816 ug/l
RT: 7.531 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

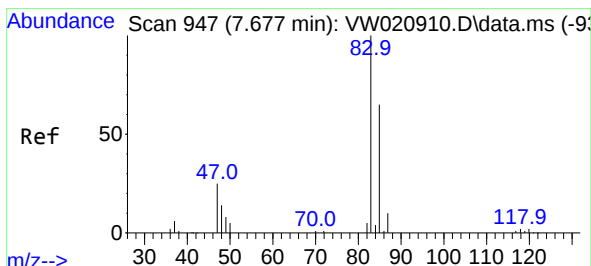
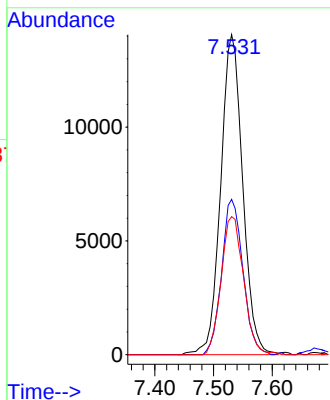
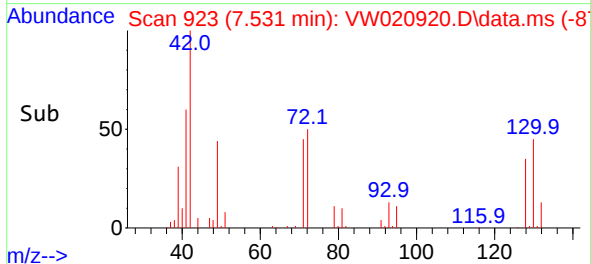
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 3661
Ion Ratio Lower Upper
42 100
72 46.9 37.4 56.0
71 44.0 34.7 52.1

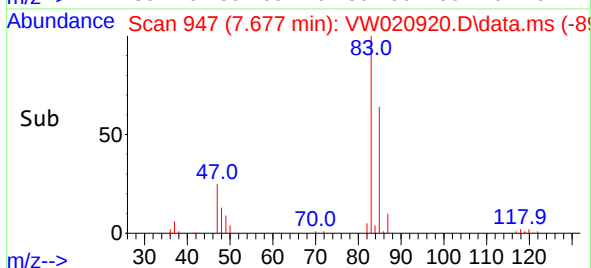
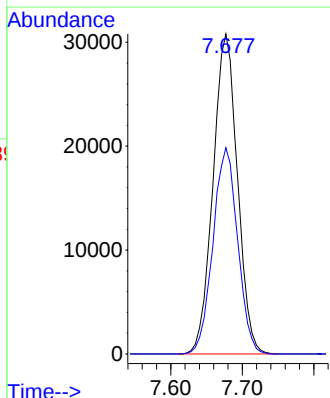
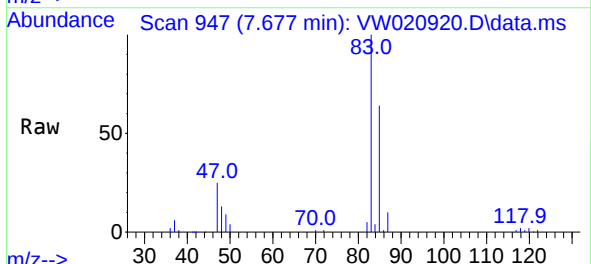
Manual Integrations
APPROVED

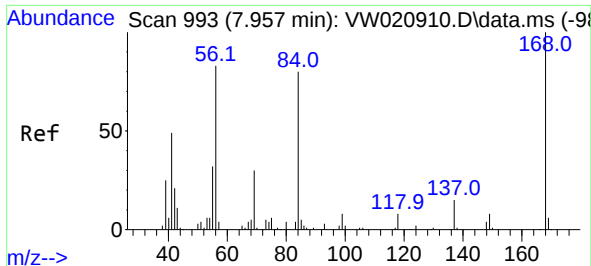
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30
Chloroform
Concen: 55.082 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

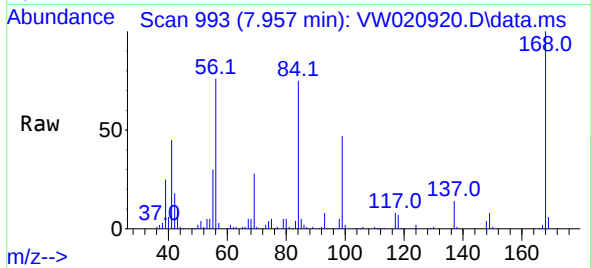
Tgt Ion: 83 Resp: 73019
Ion Ratio Lower Upper
83 100
85 64.4 51.7 77.5





#31
Cyclohexane
Concen: 50.102 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

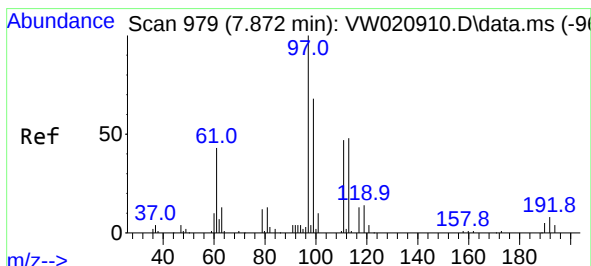
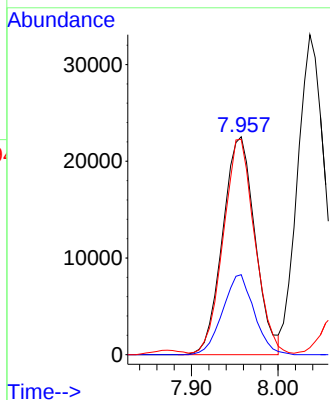
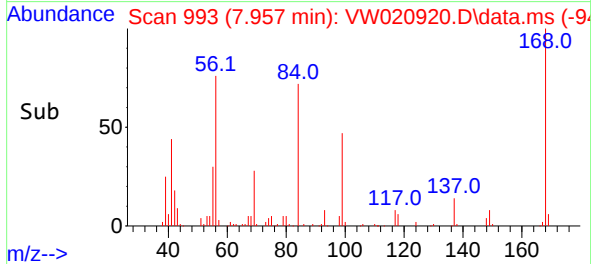
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



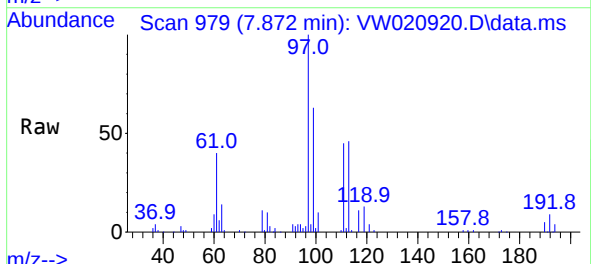
Tgt Ion: 56 Resp: 5857
Ion Ratio Lower Upper
56 100
69 36.7 28.7 43.1
84 97.3 77.6 116.4

Manual Integrations
APPROVED

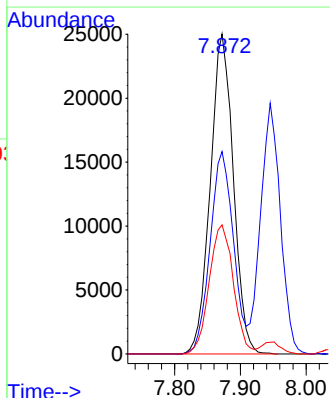
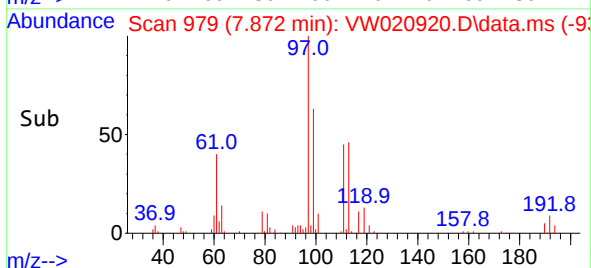
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

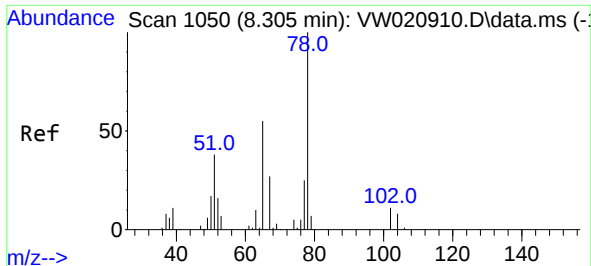


#32
1,1,1-Trichloroethane
Concen: 54.483 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



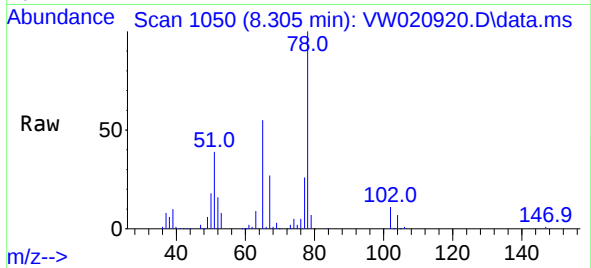
Tgt Ion: 97 Resp: 60984
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 42.4 34.2 51.2





#33
1,2-Dichloroethane-d4
Concen: 54.355 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

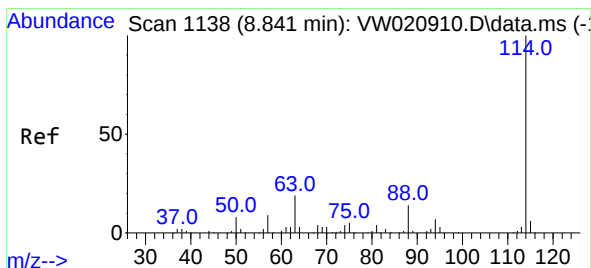
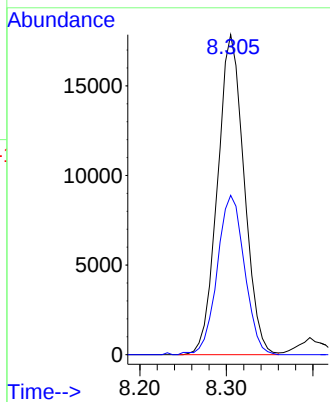
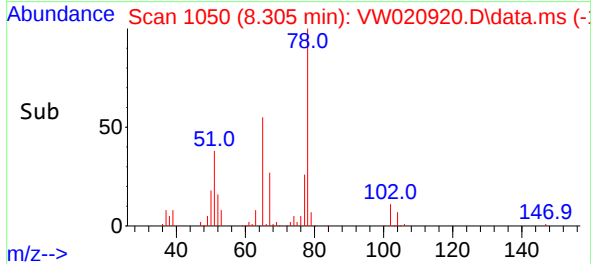
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 38090
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

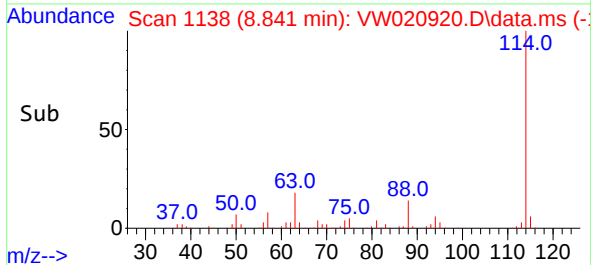
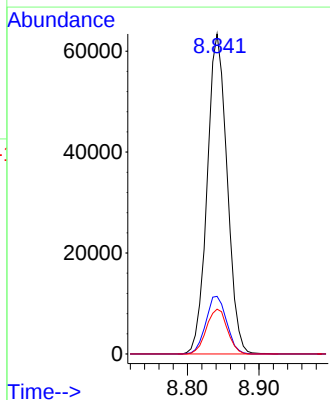
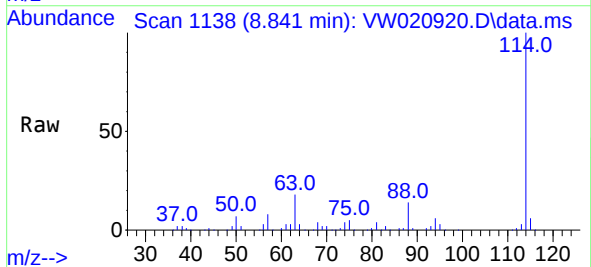
Manual Integrations
APPROVED

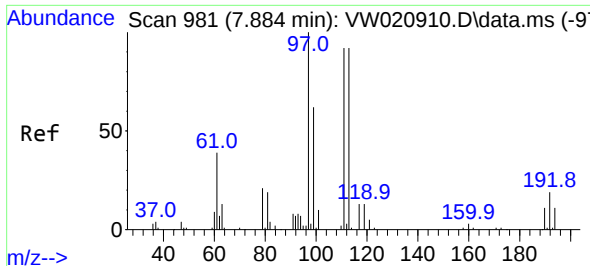
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

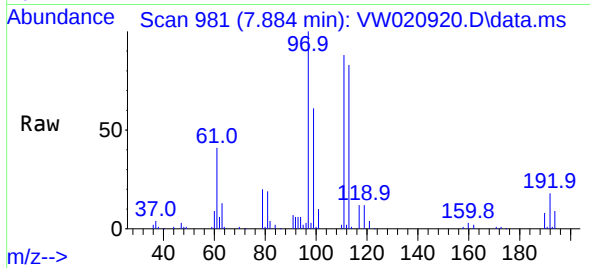
Tgt Ion:114 Resp: 122574
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.2
88 14.0 0.0 28.8





#35
Dibromofluoromethane
Concen: 48.691 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

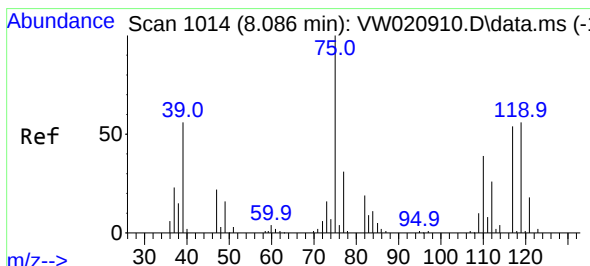
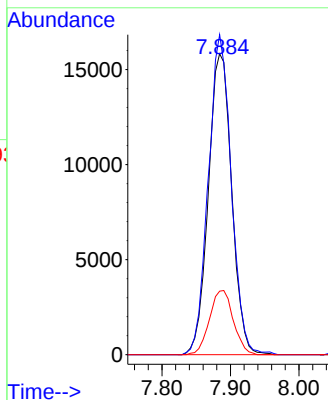
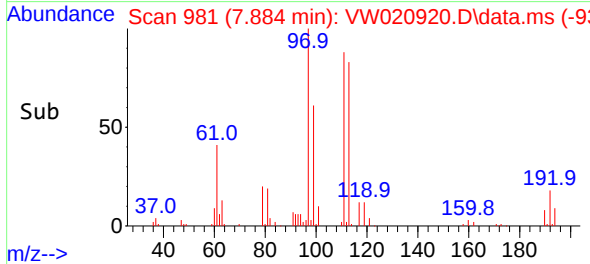
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



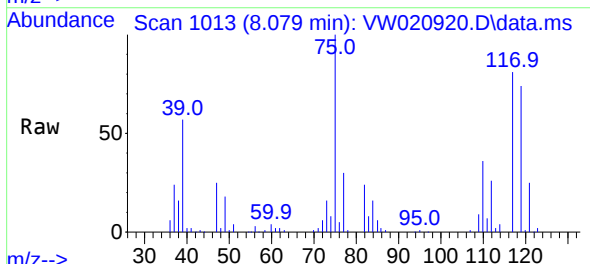
Tgt Ion: 113 Resp: 37436
Ion Ratio Lower Upper
113 100
111 104.5 81.2 121.8
192 21.8 16.8 25.2

Manual Integrations
APPROVED

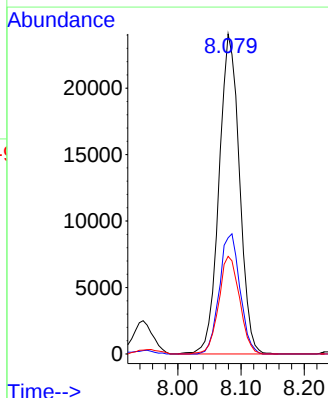
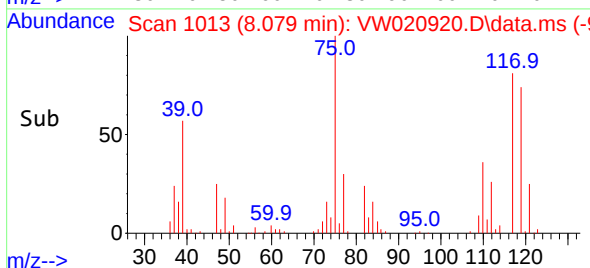
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

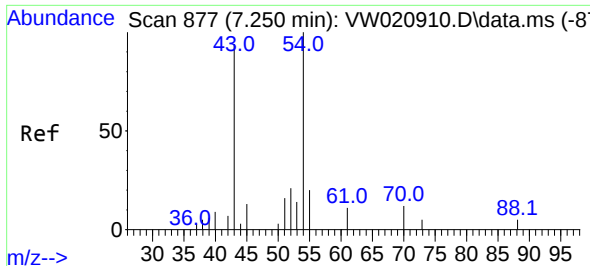


#36
1,1-Dichloropropene
Concen: 48.914 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



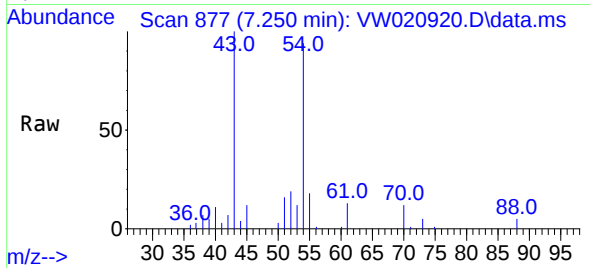
Tgt Ion: 75 Resp: 53862
Ion Ratio Lower Upper
75 100
110 37.9 19.1 57.5
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 52.631 ug/l
RT: 7.250 min Scan# 877
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

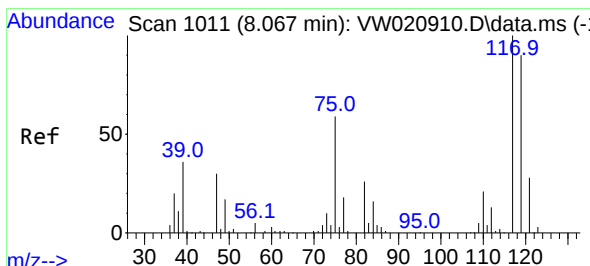
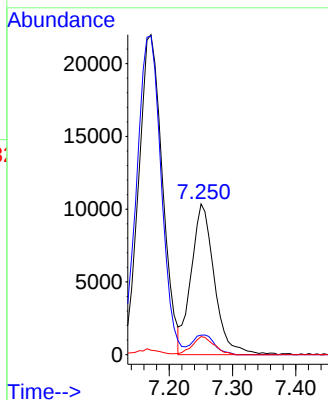
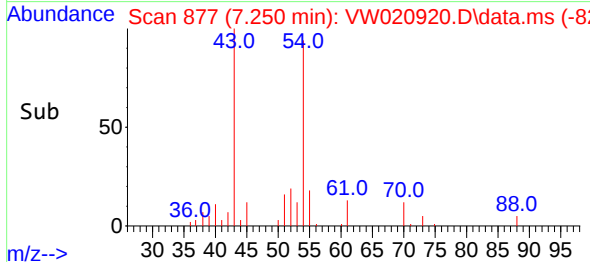
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



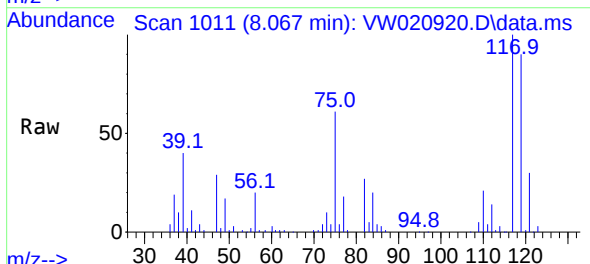
Tgt Ion: 43 Resp: 26435
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 11.3 9.2 13.8

Manual Integrations
APPROVED

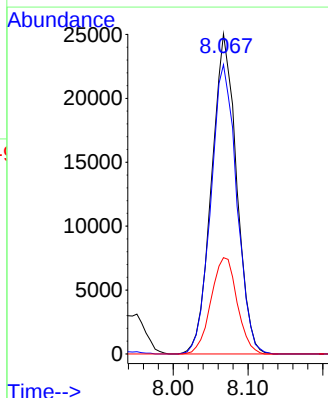
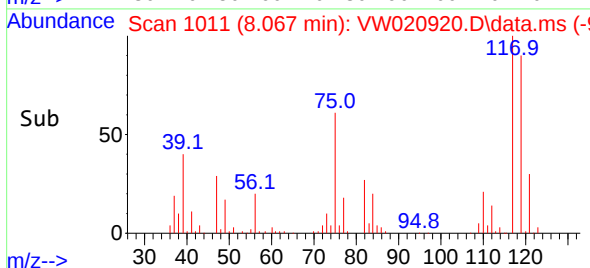
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

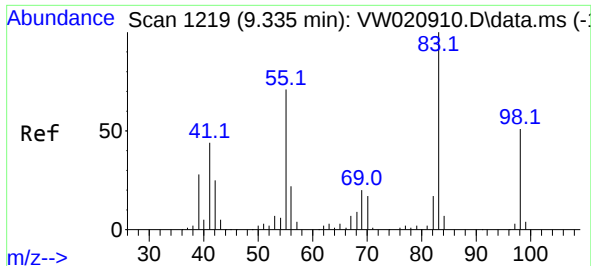


#38
Carbon Tetrachloride
Concen: 49.666 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



Tgt Ion:117 Resp: 58177
Ion Ratio Lower Upper
117 100
119 90.4 72.0 108.0
121 30.1 22.6 33.8





#39

Methylcyclohexane

Concen: 48.369 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

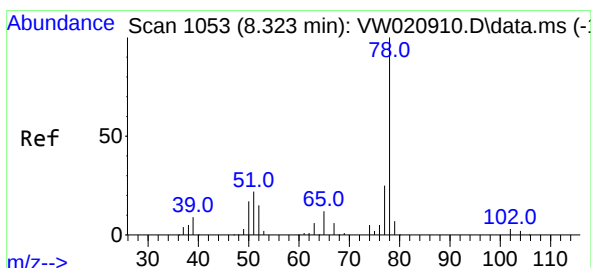
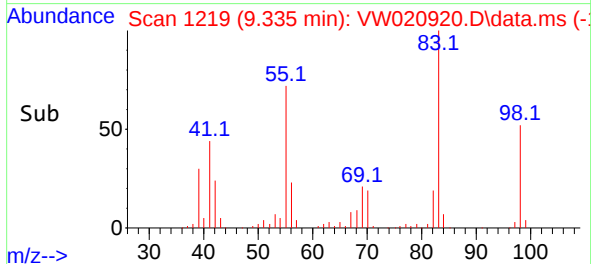
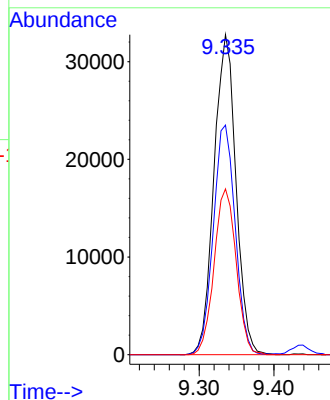
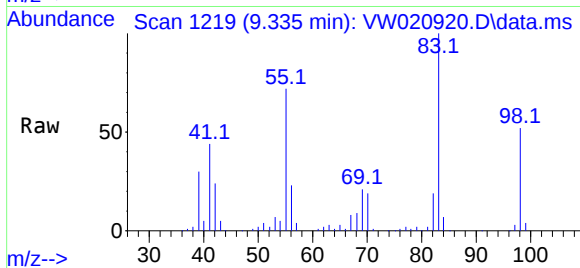
Tgt Ion: 83 Resp: 6687

Ion	Ratio	Lower	Upper
83	100		
55	71.8	56.6	85.0
98	51.8	41.0	61.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 49.498 ug/l

RT: 8.323 min Scan# 1053

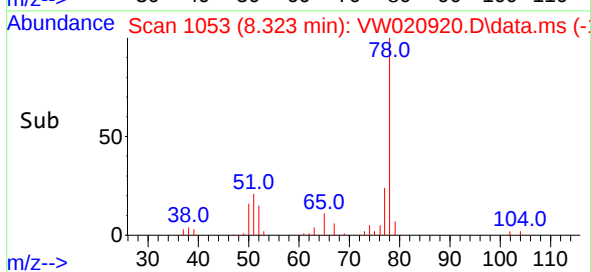
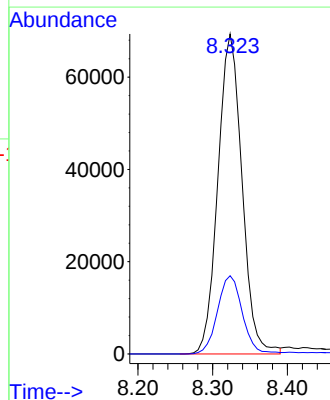
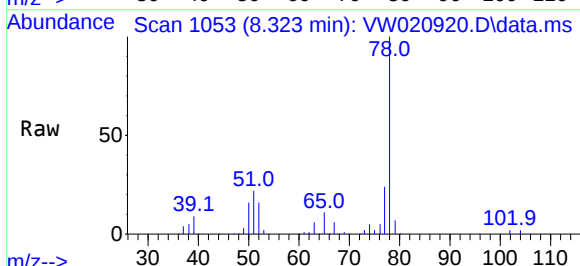
Delta R.T. -0.000 min

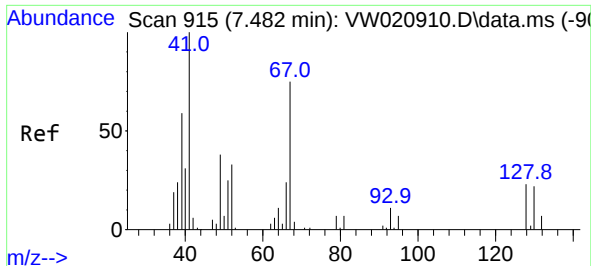
Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Tgt Ion: 78 Resp: 155408

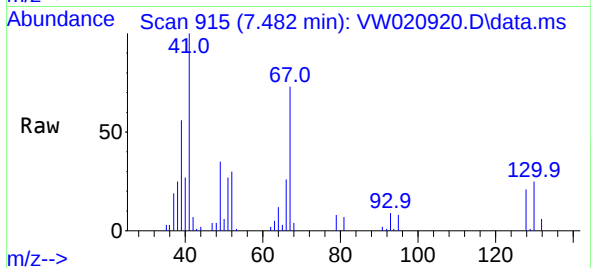
Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.0	30.0





#41
Methacrylonitrile
Concen: 52.221 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

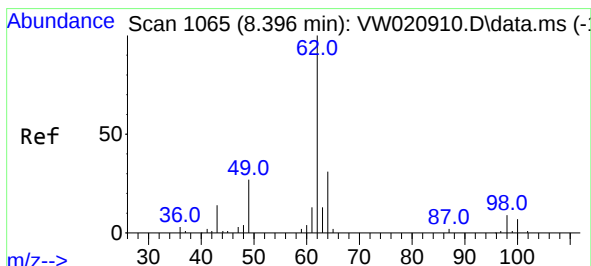
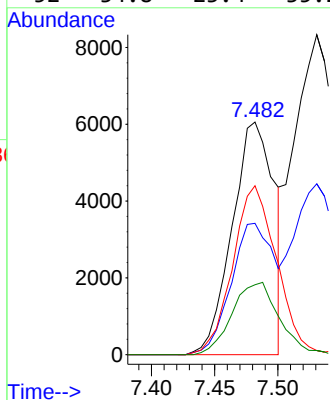
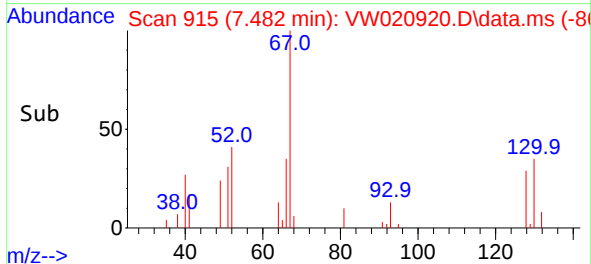
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



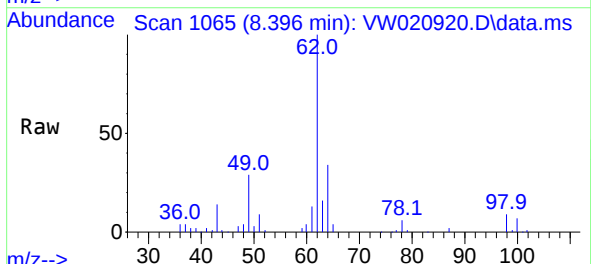
Tgt Ion: 41 Resp: 1398
Ion Ratio Lower Upper
41 100
39 57.5 42.9 64.3
67 76.3 56.2 84.4
52 34.8 23.4 35.2

Manual Integrations
APPROVED

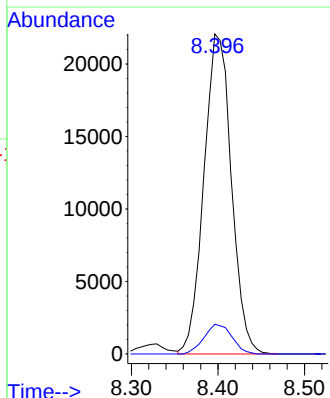
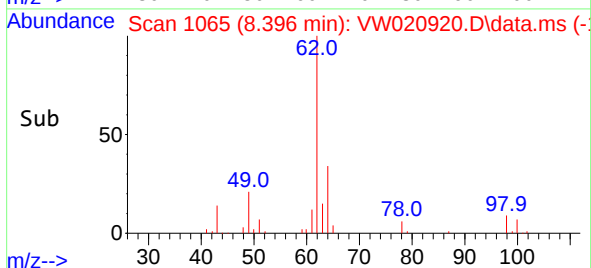
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

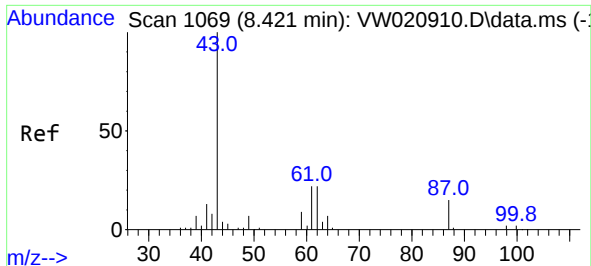


#42
1,2-Dichloroethane
Concen: 51.087 ug/l
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



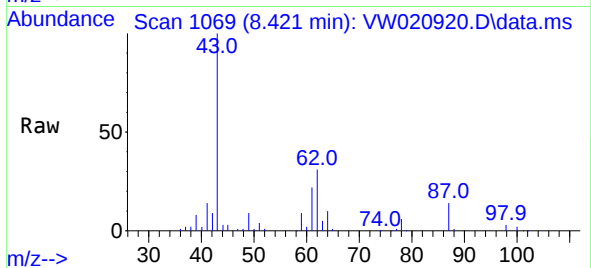
Tgt Ion: 62 Resp: 48656
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0





#43
Isopropyl Acetate
Concen: 52.744 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

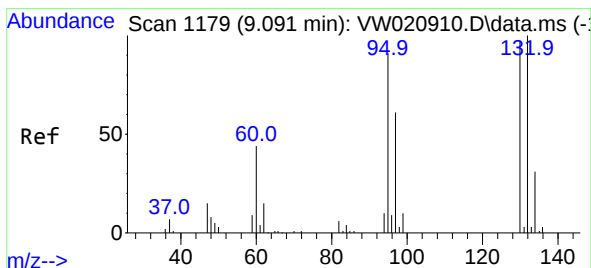
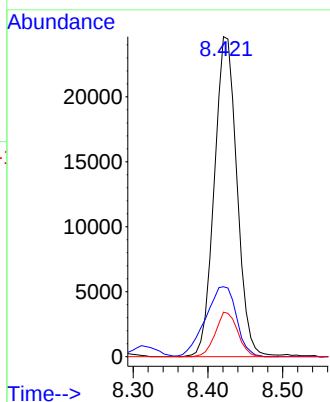
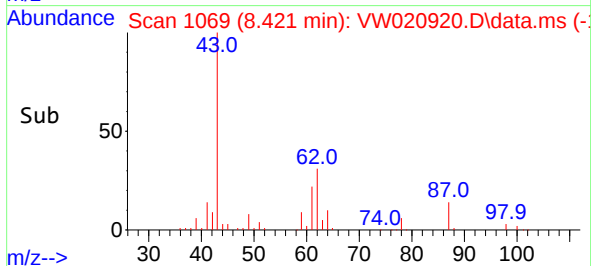
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51990
Ion Ratio Lower Upper
43 100
61 29.9 23.7 35.5
87 13.7 11.5 17.3

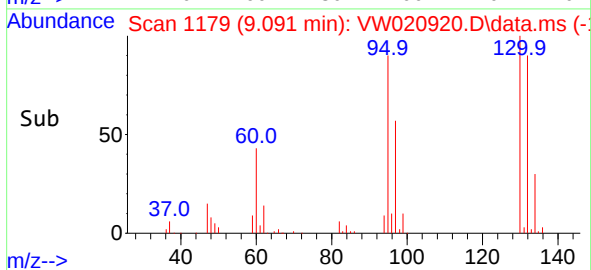
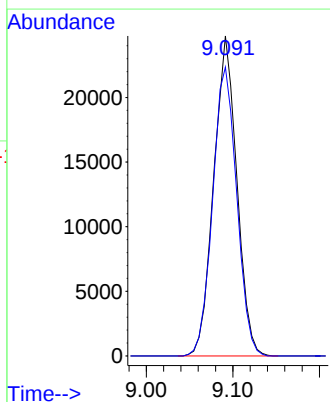
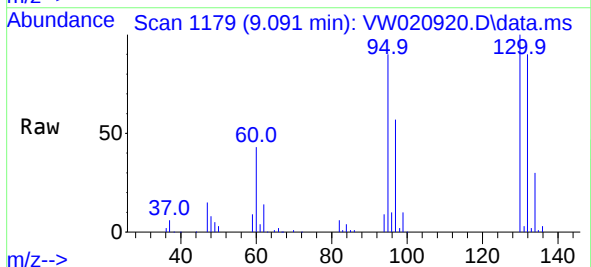
Manual Integrations
APPROVED

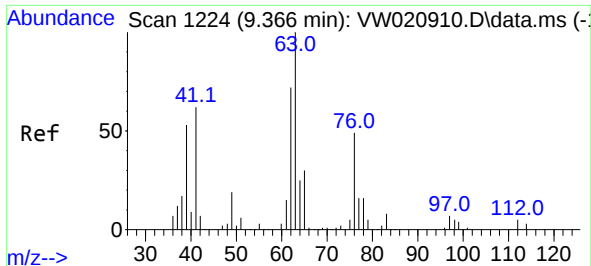
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 50.075 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion:130 Resp: 45872
Ion Ratio Lower Upper
130 100
95 90.3 0.0 186.6





#45

1,2-Dichloropropane

Concen: 51.074 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 36930

Ion Ratio Lower Upper

63 100

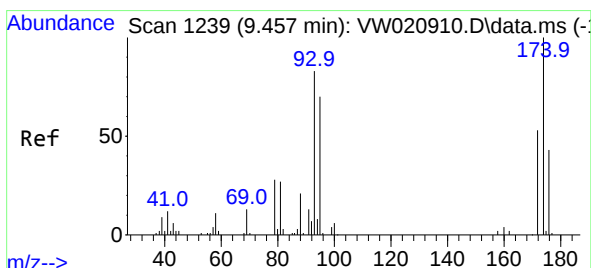
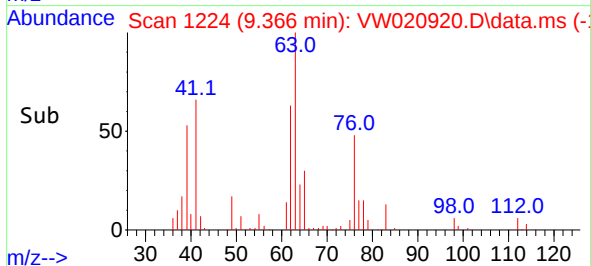
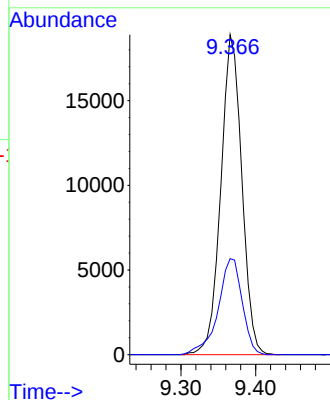
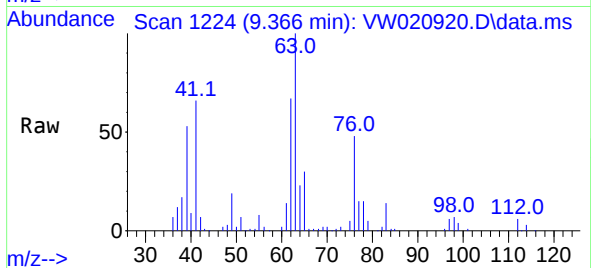
65 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 51.527 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

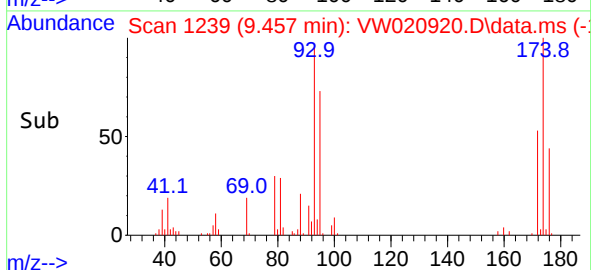
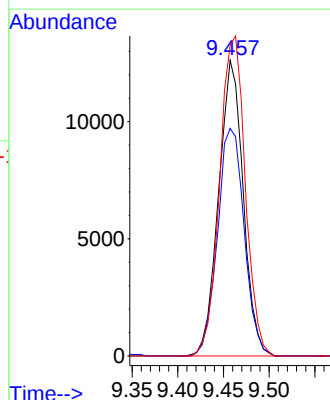
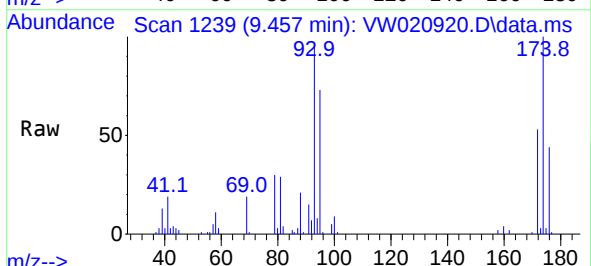
Tgt Ion: 93 Resp: 23605

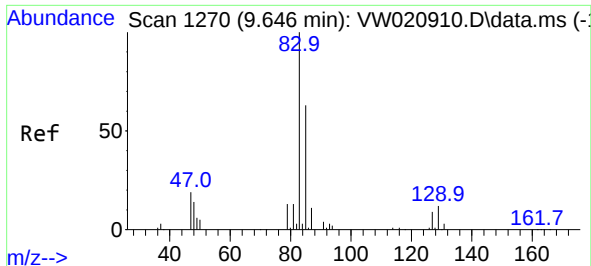
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 112.6 91.1 136.7





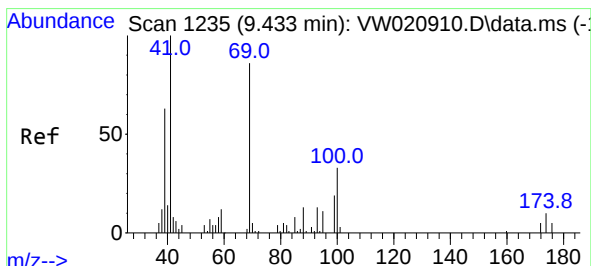
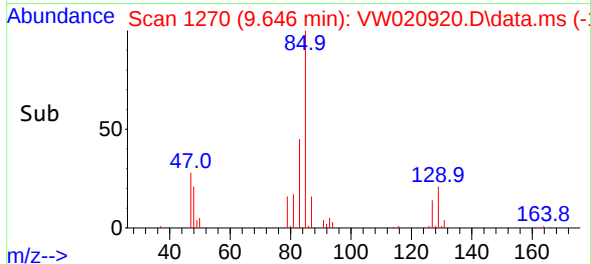
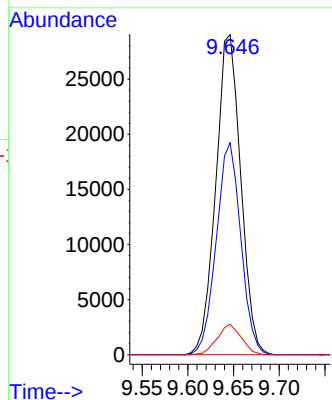
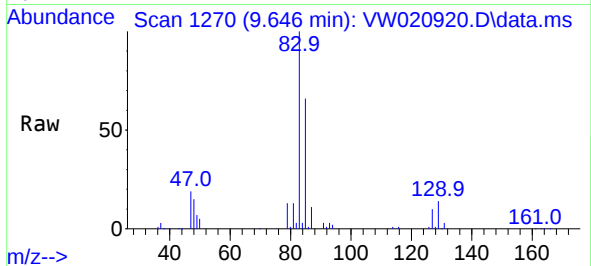
#47
Bromodichloromethane
Concen: 50.921 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 5519
Ion Ratio Lower Upper
83 100
85 66.2 50.3 75.5
127 9.5 7.1 10.7

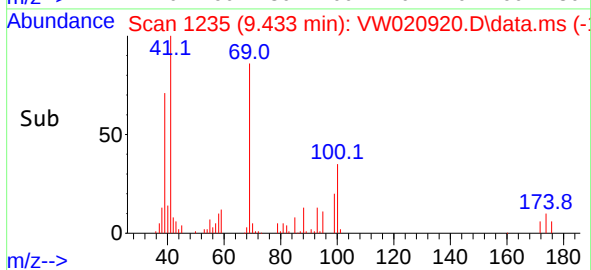
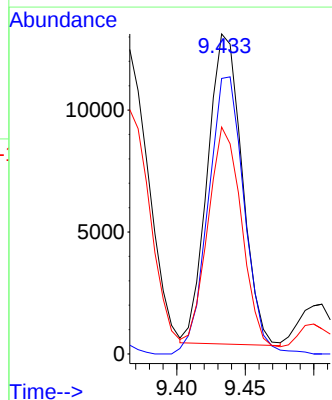
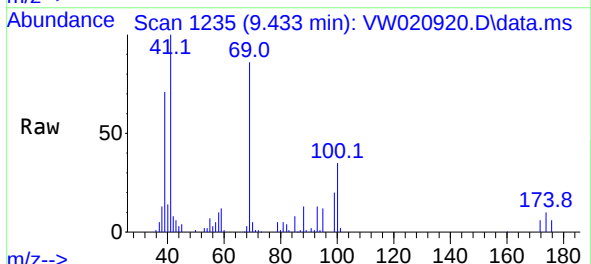
Manual Integrations
APPROVED

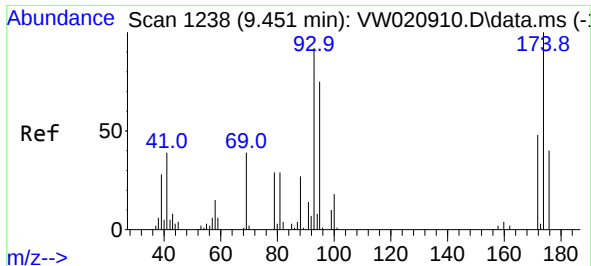
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 50.728 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

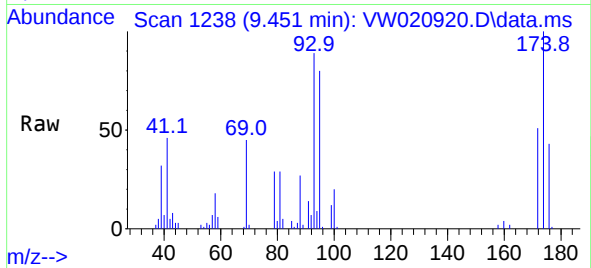
Tgt Ion: 41 Resp: 22244
Ion Ratio Lower Upper
41 100
69 93.4 72.9 109.3
39 69.1 54.2 81.4





#49
1,4-Dioxane
Concen: 1069.357 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

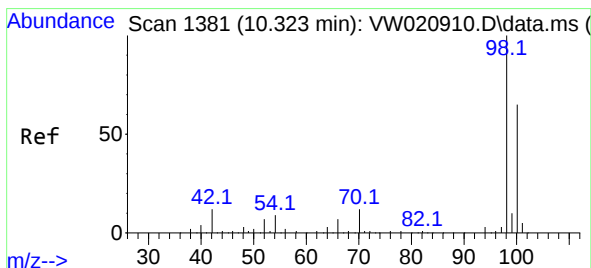
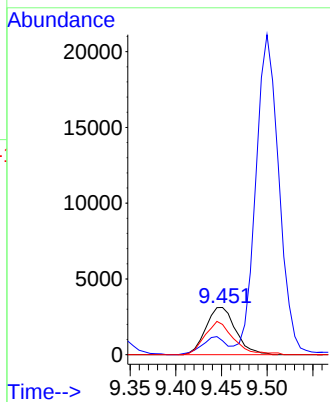
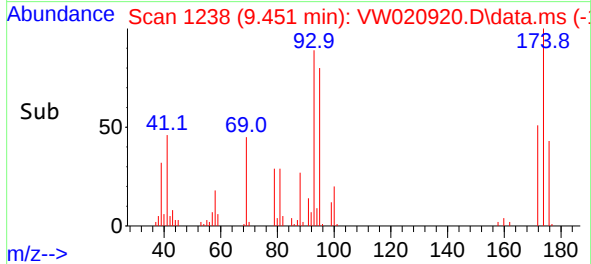
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



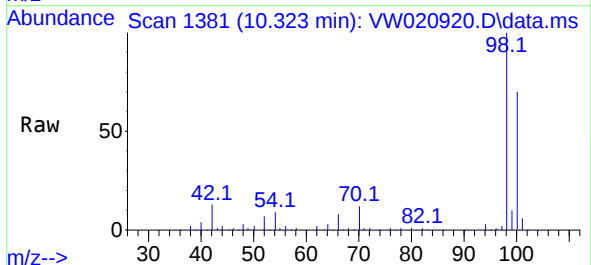
Tgt Ion: 88 Resp: 7059
Ion Ratio Lower Upper
88 100
43 29.4 26.6 39.8
58 68.0 51.8 77.8

Manual Integrations
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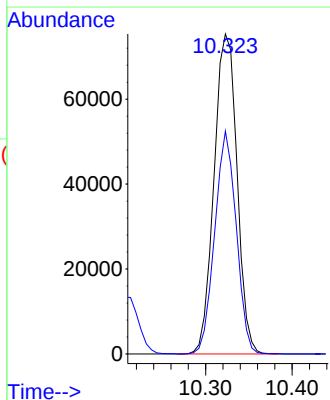
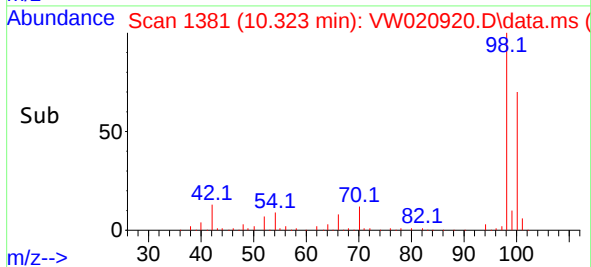
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

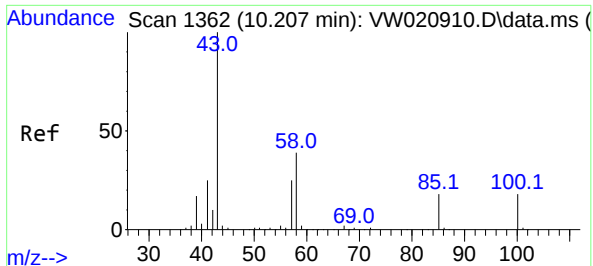


#50
Toluene-d8
Concen: 49.241 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



Tgt Ion: 98 Resp: 138851
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0





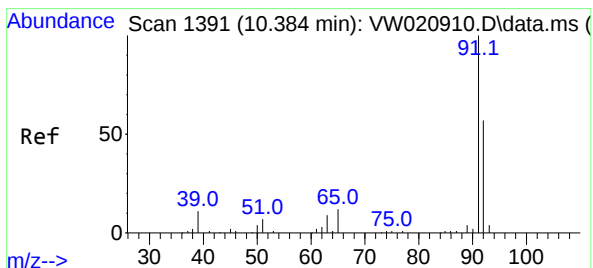
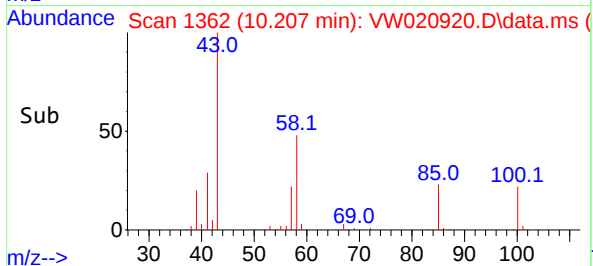
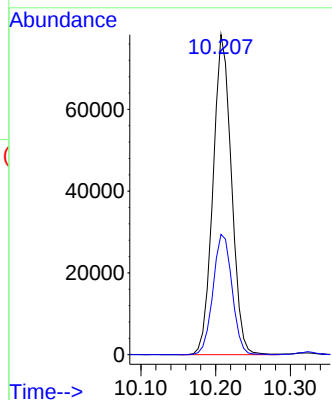
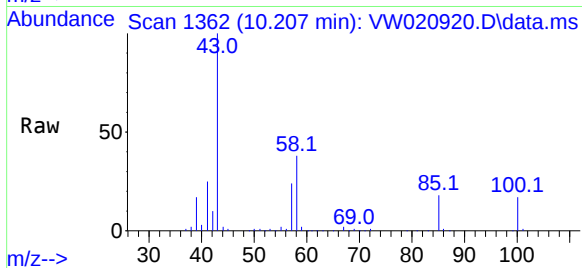
#51
4-Methyl-2-Pentanone
Concen: 267.136 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 134069
Ion Ratio Lower Upper
43 100
58 38.7 30.9 46.3

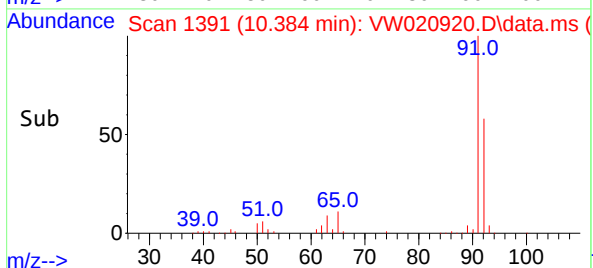
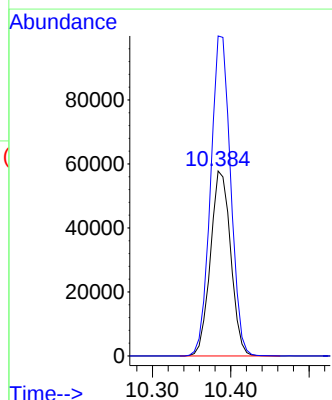
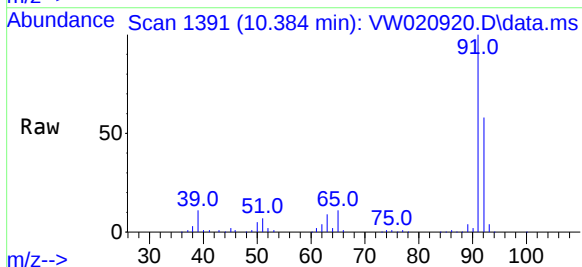
Manual Integrations
APPROVED

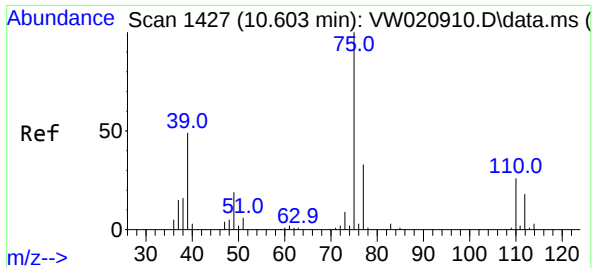
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 51.301 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 92 Resp: 103536
Ion Ratio Lower Upper
92 100
91 171.3 137.1 205.7





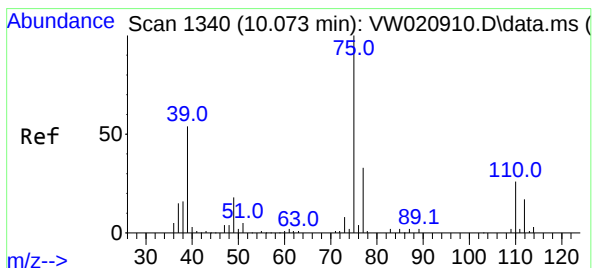
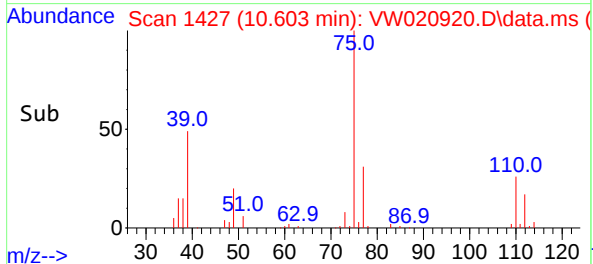
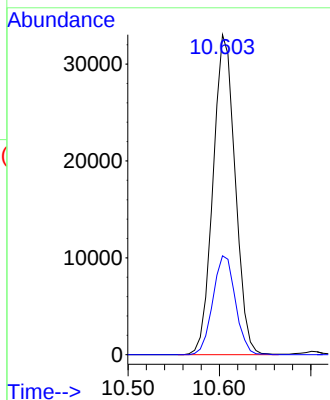
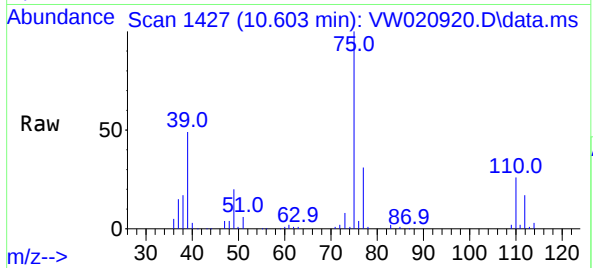
#53
 t-1,3-Dichloropropene
 Concen: 51.732 ug/l
 RT: 10.603 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VW020920.D
 Acq: 17 Nov 2021 23:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 5567
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.1 39.1

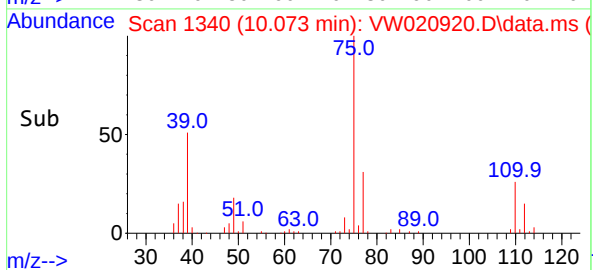
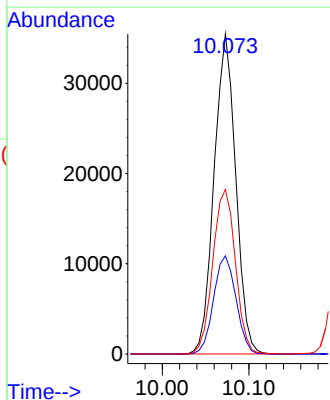
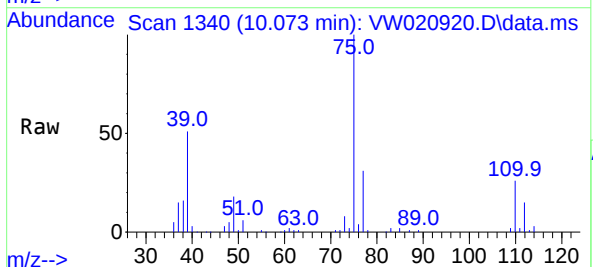
Manual Integrations
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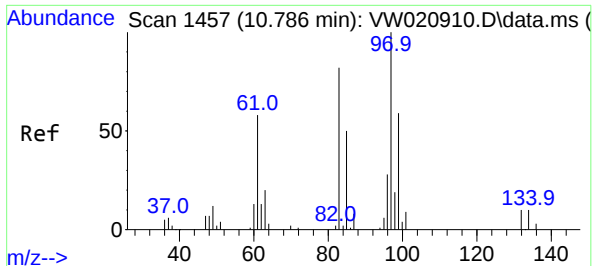
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#54
 cis-1,3-Dichloropropene
 Concen: 50.478 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020920.D
 Acq: 17 Nov 2021 23:00

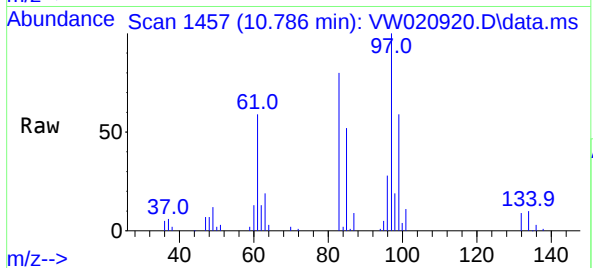
Tgt Ion: 75 Resp: 61473
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.2 39.4
 39 51.4 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 53.297 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

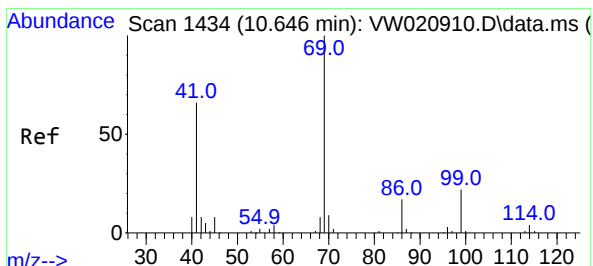
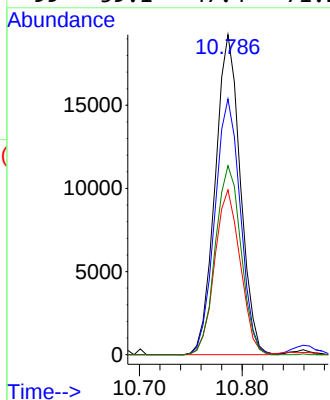
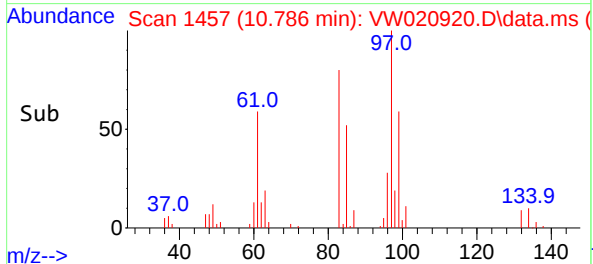


Tgt Ion: 97 Resp: 32734

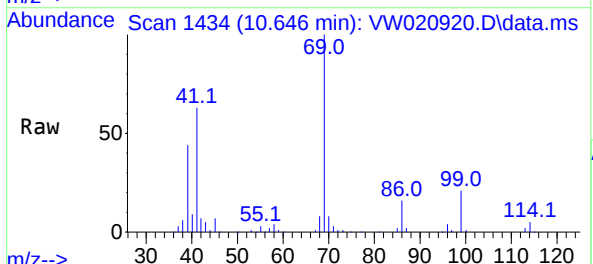
Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.4	98.2
85	51.5	39.9	59.9
99	59.1	47.4	71.2

Manual Integrations
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Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

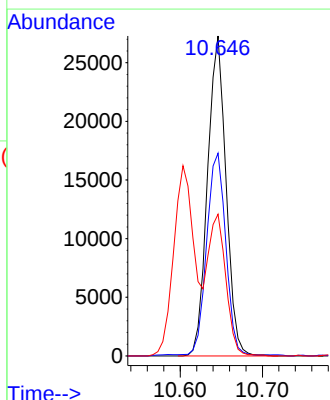
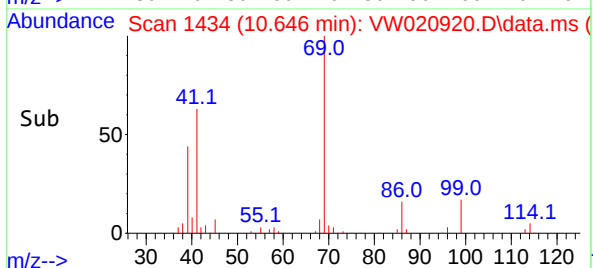


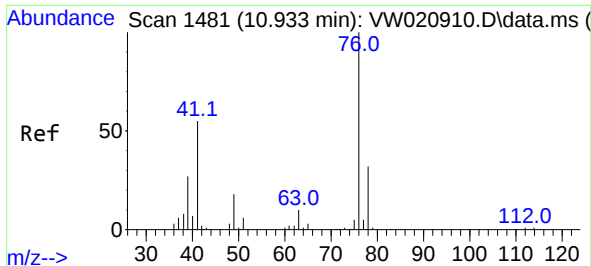
#56
Ethyl methacrylate
Concen: 54.566 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



Tgt Ion: 69 Resp: 42675

Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.9	79.3
39	41.8	33.7	50.5





#57
1,3-Dichloropropane
Concen: 50.977 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :

MSVOA_W

ClientSampleId :

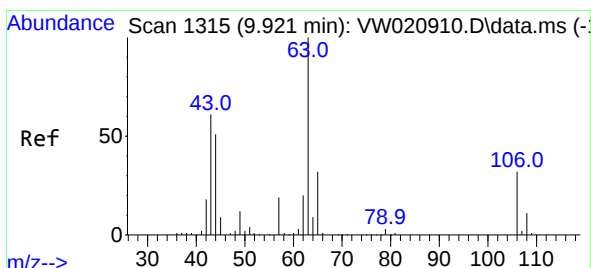
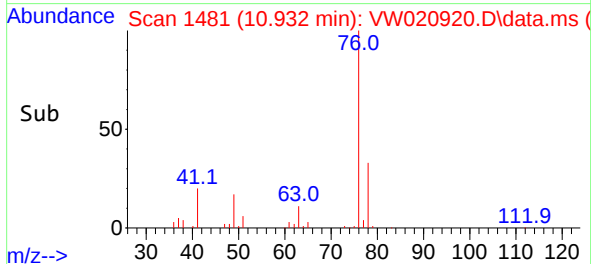
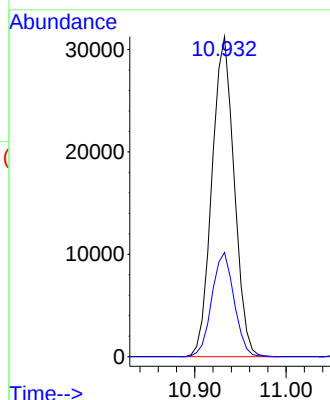
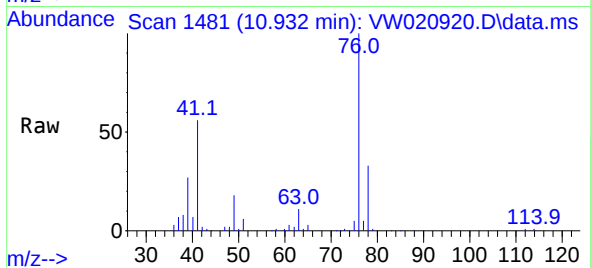
VSTDCCC050EC

Tgt Ion: 76 Resp: 52714
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

Manual Integrations

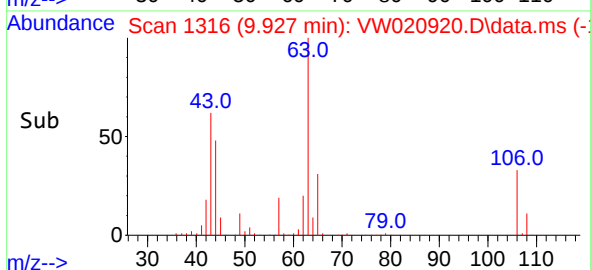
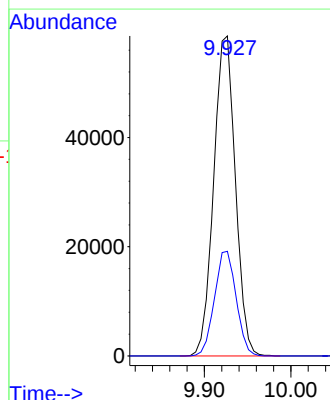
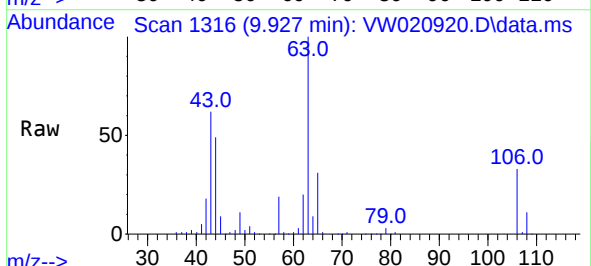
APPROVED

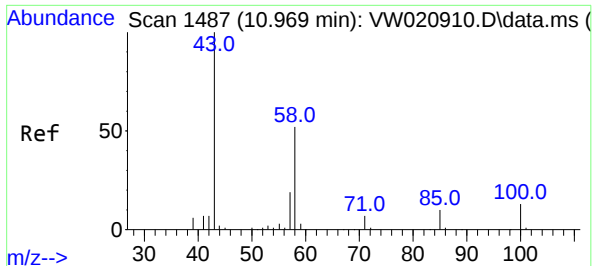
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 259.131 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

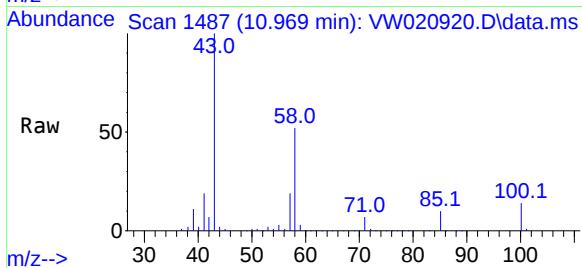
Tgt Ion: 63 Resp: 101993
Ion Ratio Lower Upper
63 100
106 32.7 26.3 39.5





#59
2-Hexanone
Concen: 272.012 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

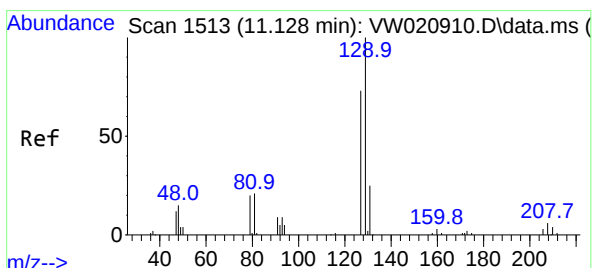
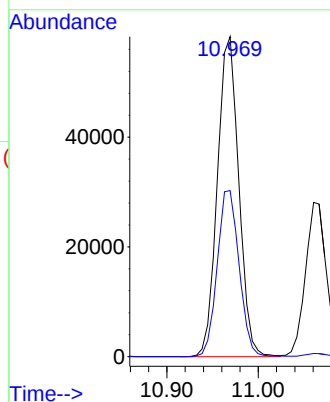
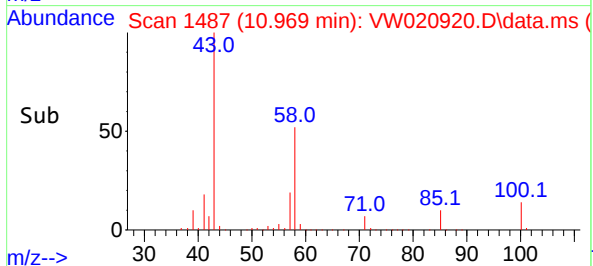
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



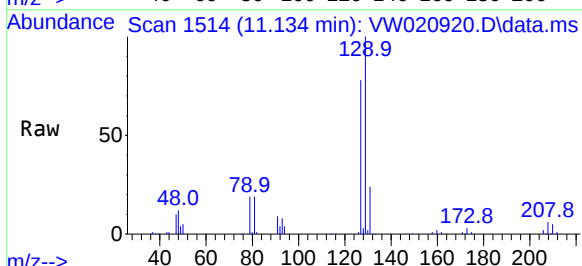
Tgt Ion: 43 Resp: 9496
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.0

Manual Integrations
APPROVED

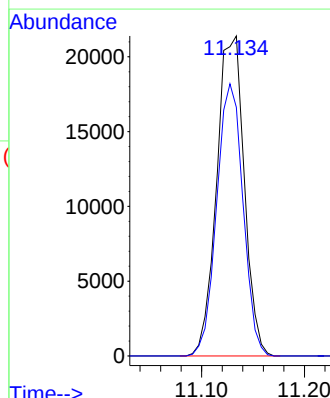
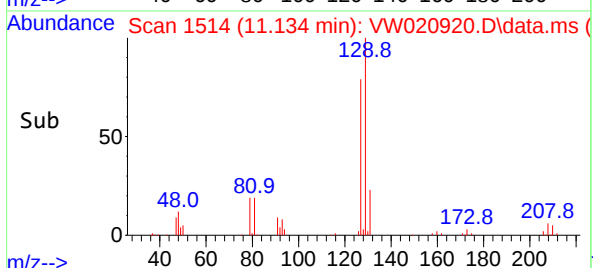
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

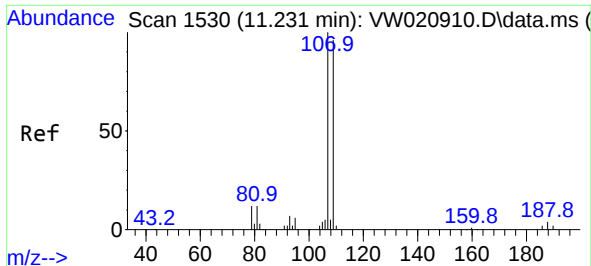


#60
Dibromochloromethane
Concen: 51.422 ug/l
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



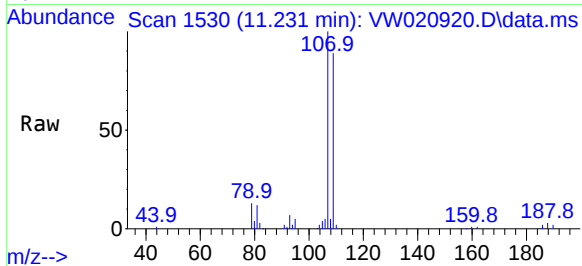
Tgt Ion:129 Resp: 39816
Ion Ratio Lower Upper
129 100
127 81.3 38.4 115.1





#61
1,2-Dibromoethane
Concen: 53.067 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

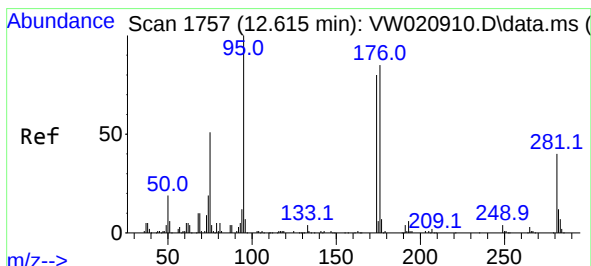
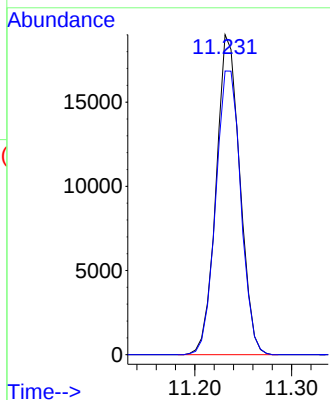
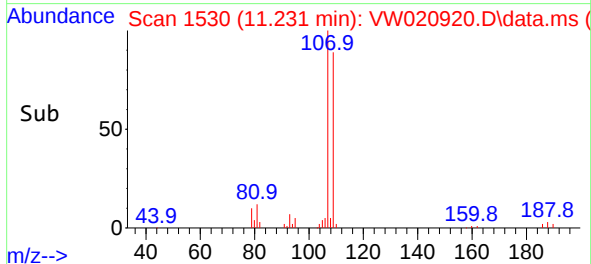
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



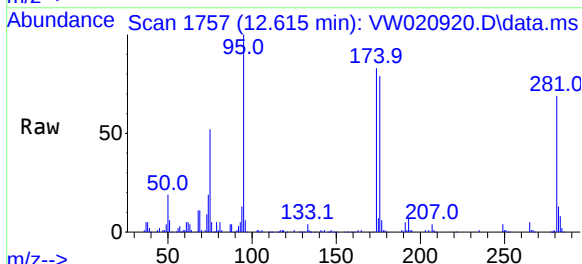
Tgt Ion:107 Resp: 32338
Ion Ratio Lower Upper
107 100
109 93.8 74.1 111.1

Manual Integrations
APPROVED

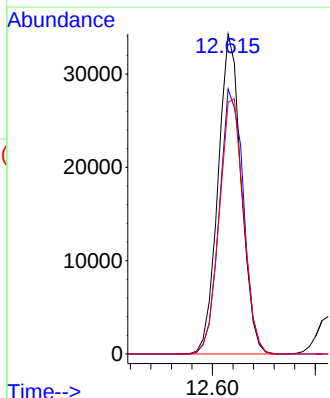
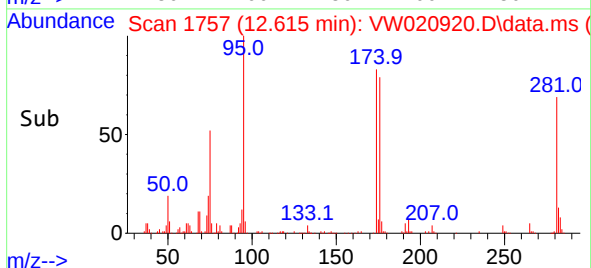
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

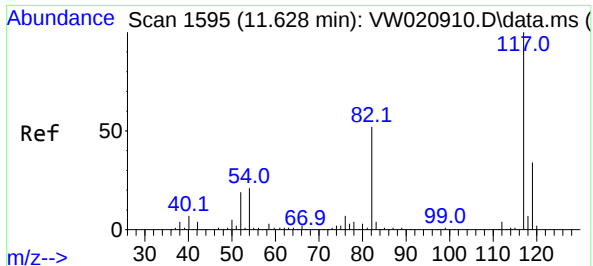


#62
4-Bromofluorobenzene
Concen: 50.859 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



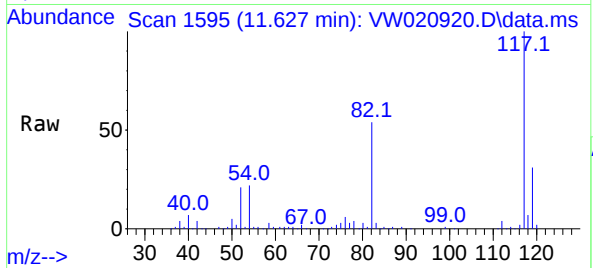
Tgt Ion: 95 Resp: 53485
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.2
176 84.0 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

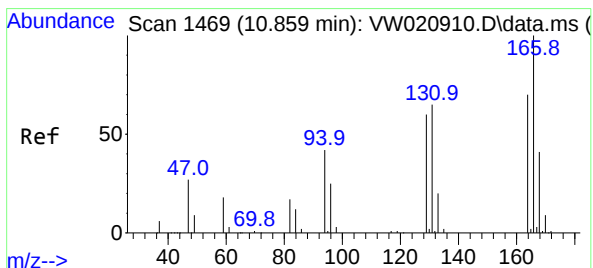
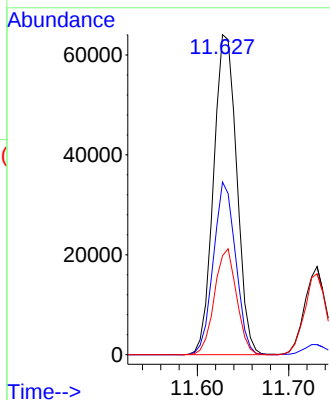
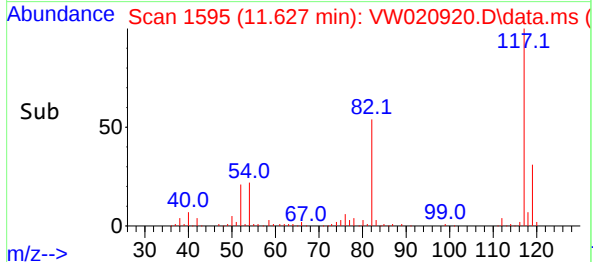
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 11308
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.2
119 30.9 27.2 40.8

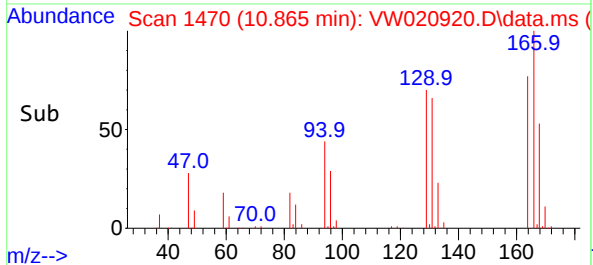
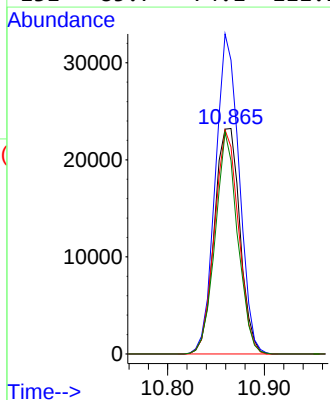
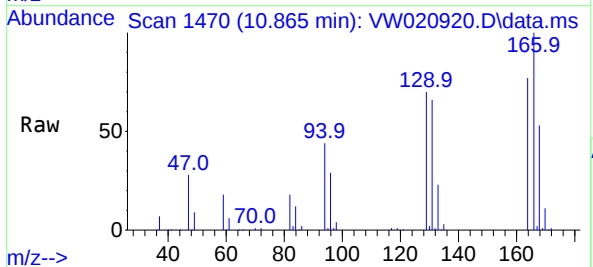
Manual Integrations
APPROVED

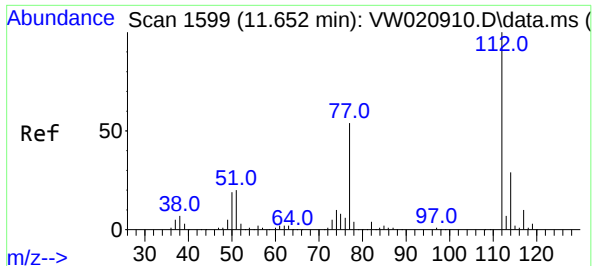
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 50.649 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion:164 Resp: 42553
Ion Ratio Lower Upper
164 100
166 130.3 114.4 171.6
129 91.9 68.3 102.5
131 85.7 74.1 111.1





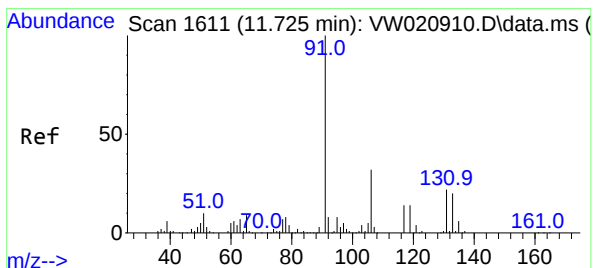
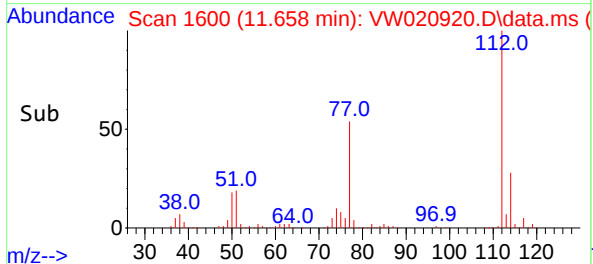
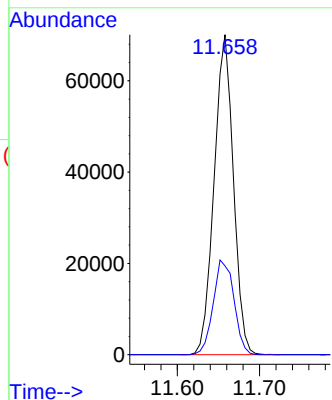
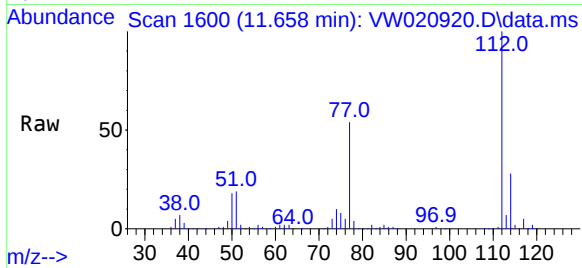
#65
Chlorobenzene
Concen: 50.217 ug/l
RT: 11.658 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 114174
Ion Ratio Lower Upper
112 100
114 27.7 23.0 34.6

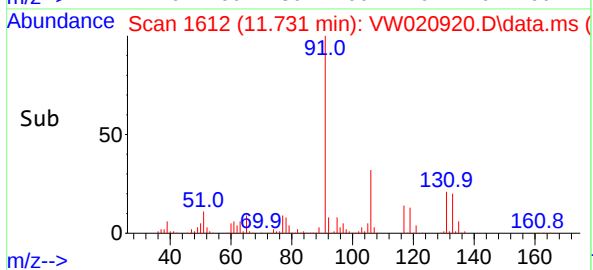
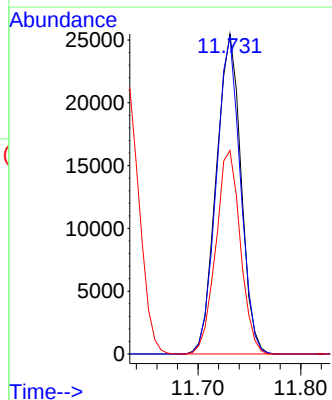
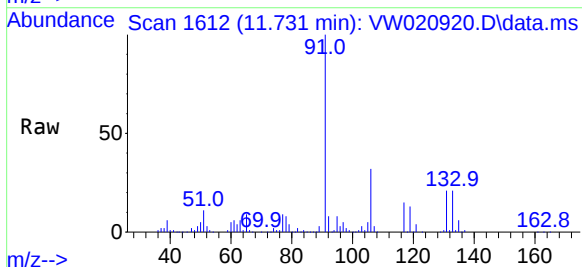
Manual Integrations
APPROVED

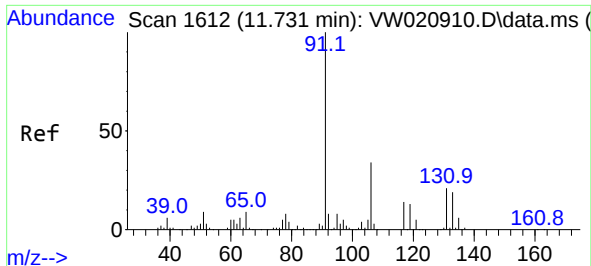
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.253 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion:131 Resp: 42483
Ion Ratio Lower Upper
131 100
133 96.7 46.6 139.7
119 63.2 32.2 96.6





#67

Ethyl Benzene

Concen: 49.581 ug/l

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020920.D

Acq: 17 Nov 2021 23:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 197828

Ion Ratio Lower Upper

91 100

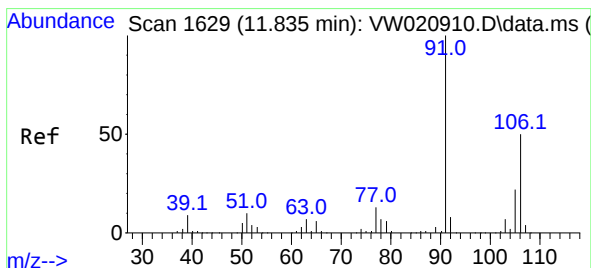
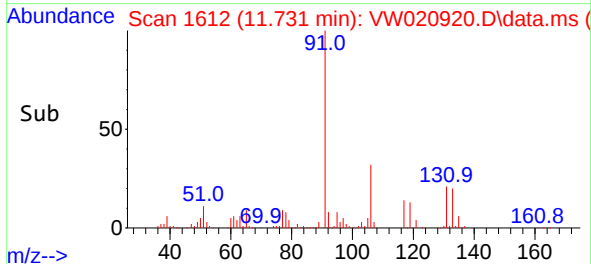
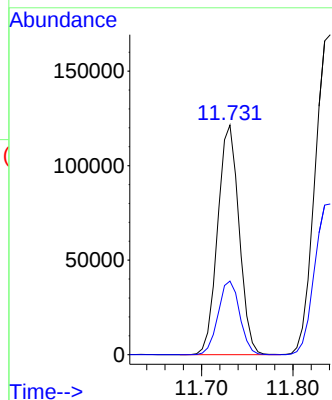
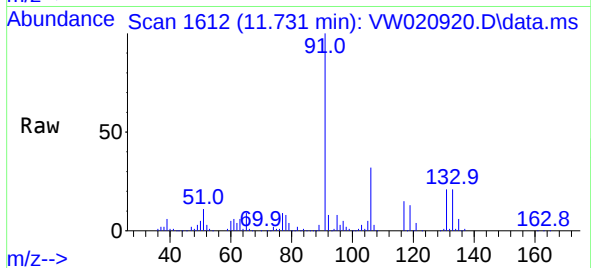
106 32.1 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 98.945 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW020920.D

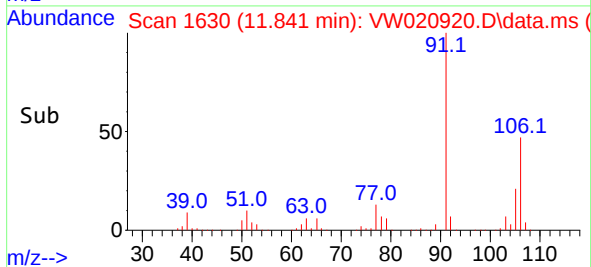
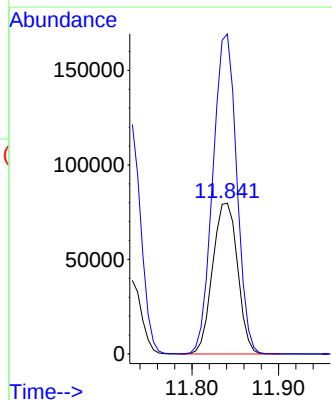
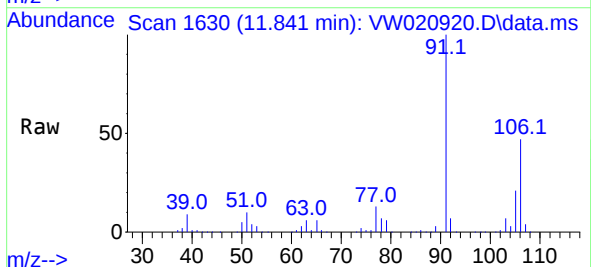
Acq: 17 Nov 2021 23:00

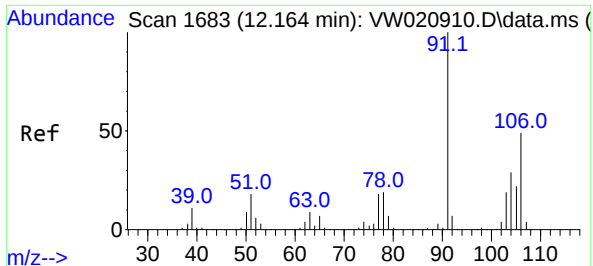
Tgt Ion:106 Resp: 159604

Ion Ratio Lower Upper

106 100

91 202.8 157.8 236.8





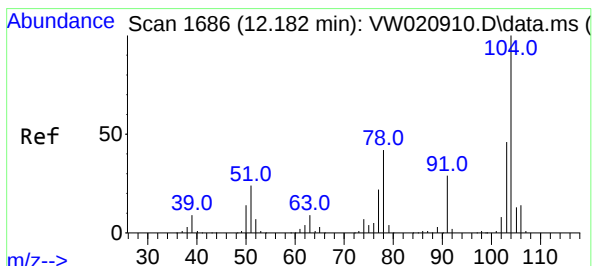
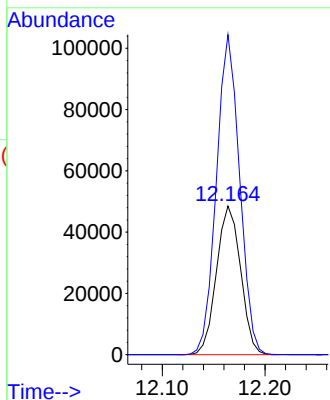
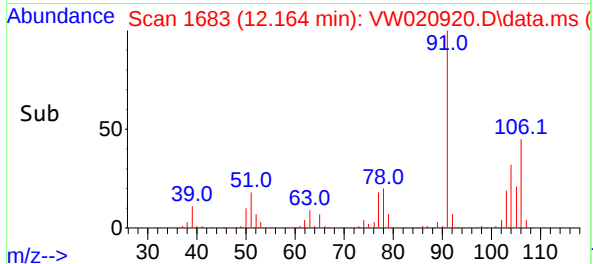
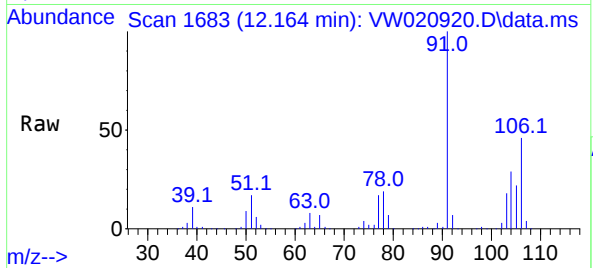
#69
o-Xylene
Concen: 52.259 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 7904
Ion Ratio Lower Upper
106 100
91 207.2 104.3 312.9

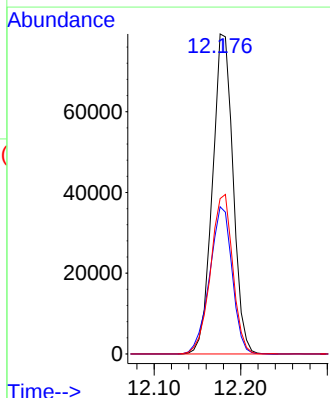
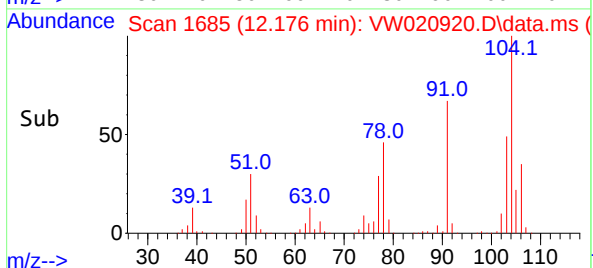
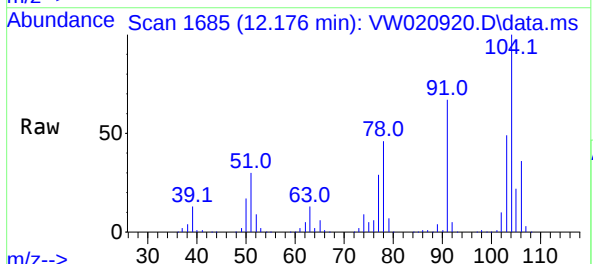
Manual Integrations
APPROVED

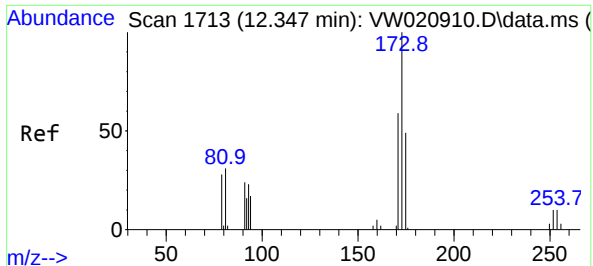
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 51.542 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

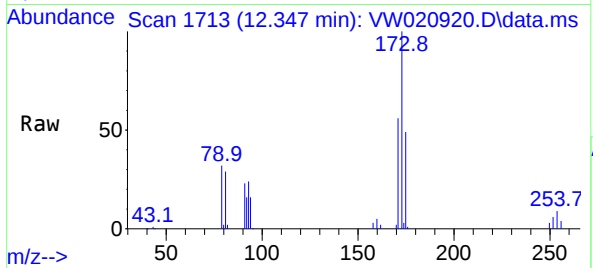
Tgt Ion:104 Resp: 130940
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 53.6 42.6 63.8





#71
Bromoform
Concen: 54.307 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

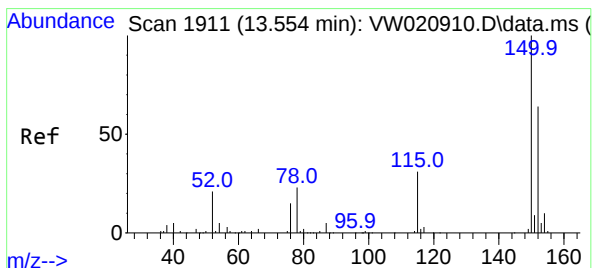
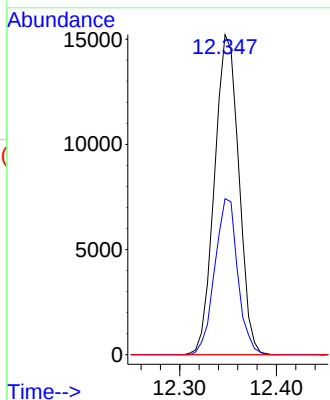
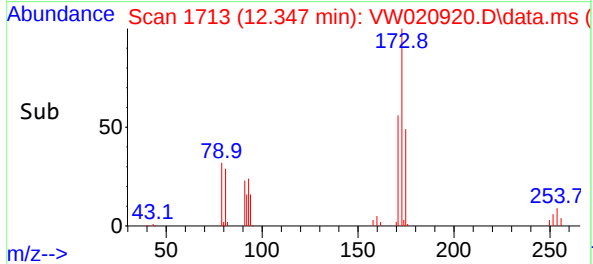
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



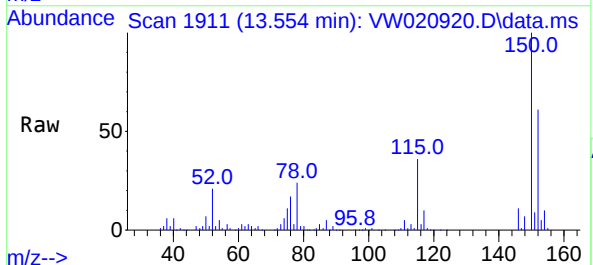
Tgt Ion:173 Resp: 26538
Ion Ratio Lower Upper
173 100
175 46.2 25.1 75.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

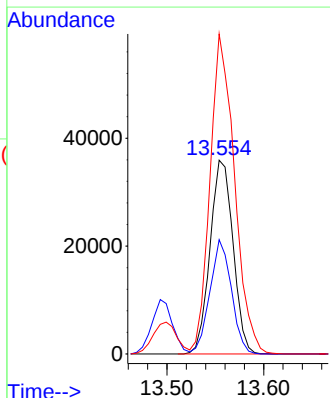
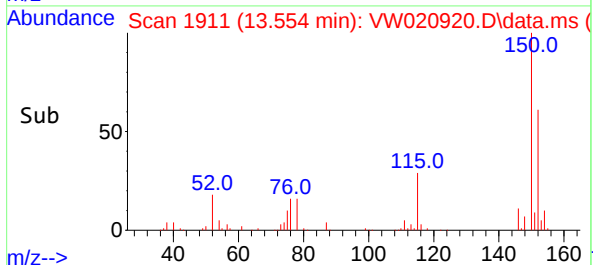
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

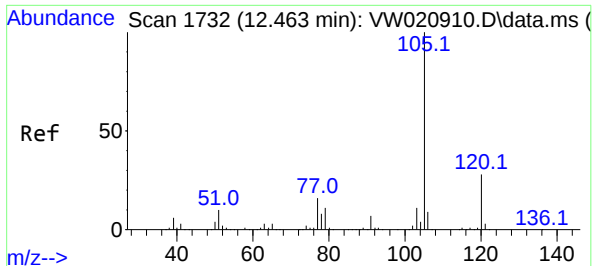


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



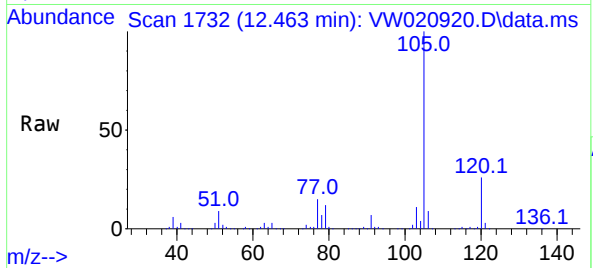
Tgt Ion:152 Resp: 59416
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 175.8 0.0 348.4





#73
Isopropylbenzene
Concen: 50.232 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

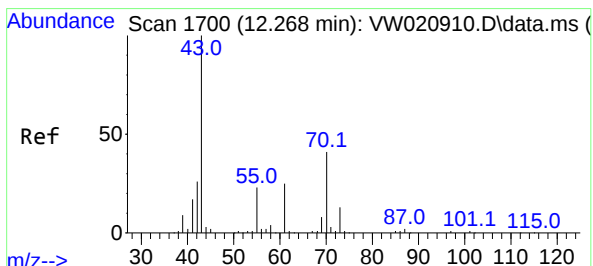
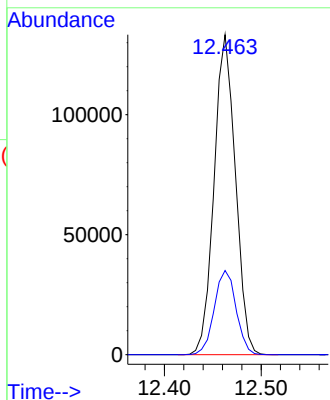
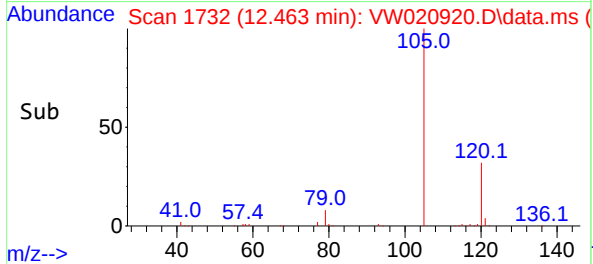
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



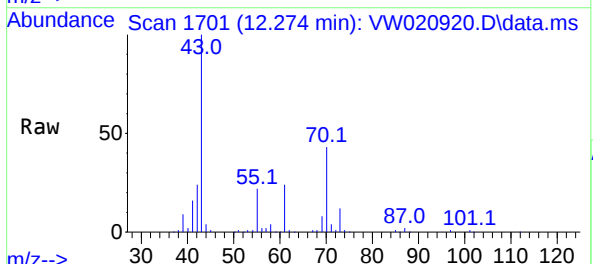
Tgt Ion:105 Resp: 20395
Ion Ratio Lower Upper
105 100
120 26.9 13.9 41.7

Manual Integrations
APPROVED

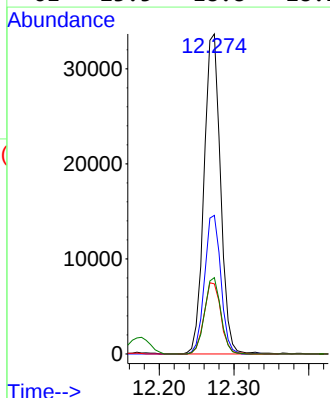
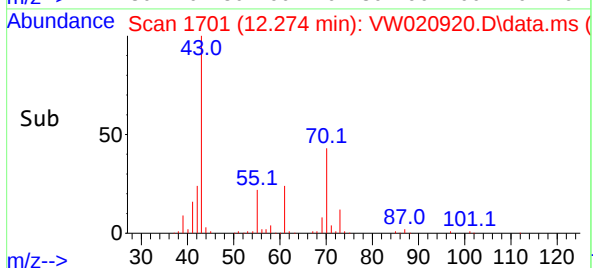
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

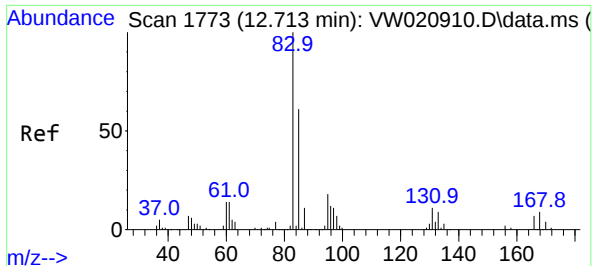


#74
N-ethyl acetate
Concen: 53.227 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



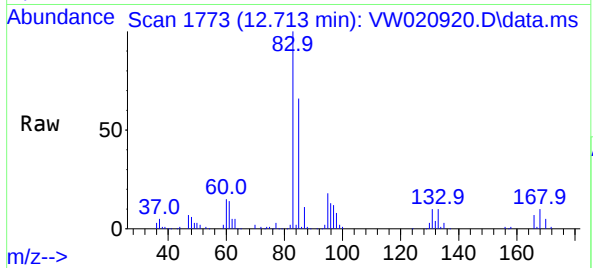
Tgt Ion: 43 Resp: 51477
Ion Ratio Lower Upper
43 100
70 42.7 33.7 50.5
55 22.8 18.5 27.7
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.261 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

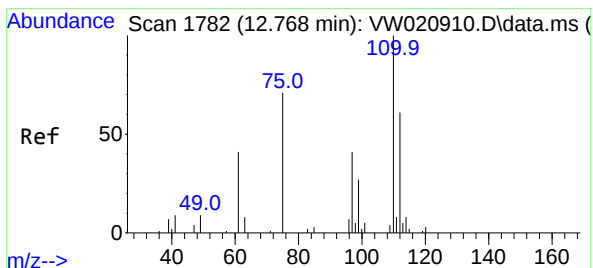
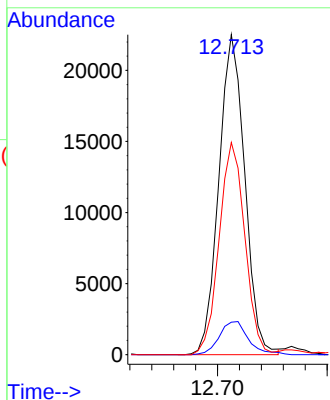
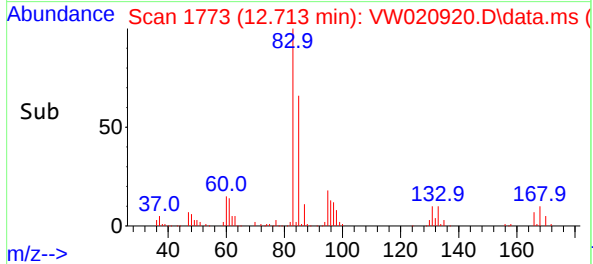
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 37019
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 65.5 32.0 96.0

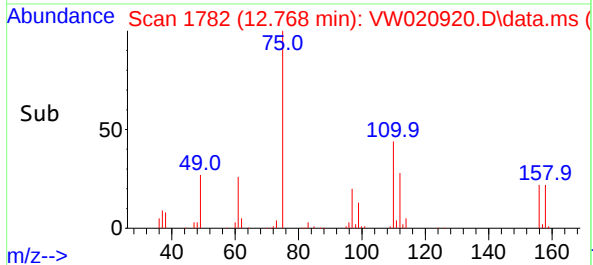
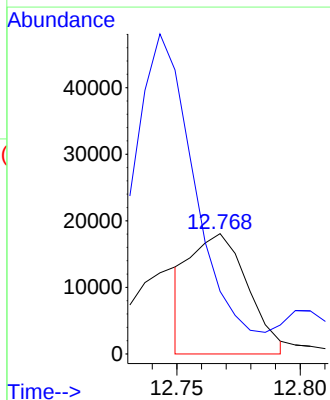
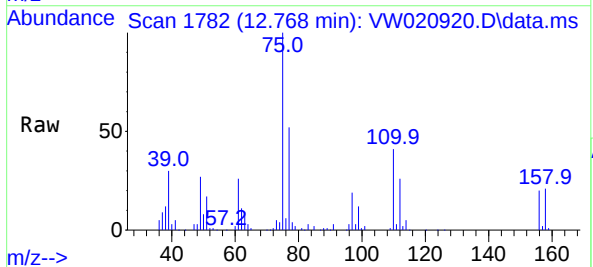
Manual Integrations
APPROVED

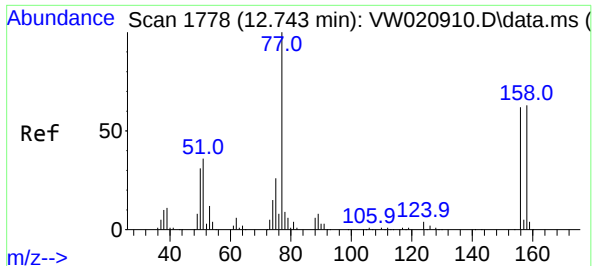
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 54.794 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 75 Resp: 29251
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





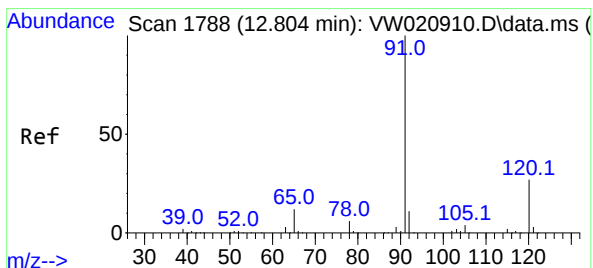
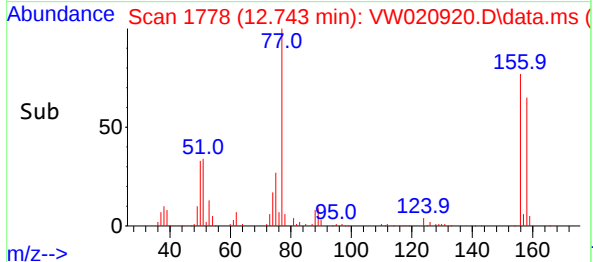
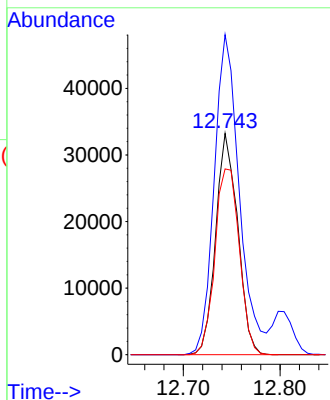
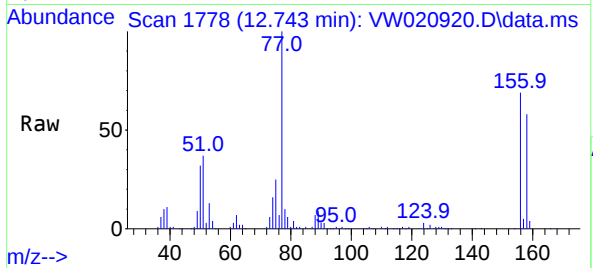
#77
Bromobenzene
Concen: 53.299 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 52564
Ion Ratio Lower Upper
156 100
77 164.9 87.0 261.0
158 93.0 49.8 149.4

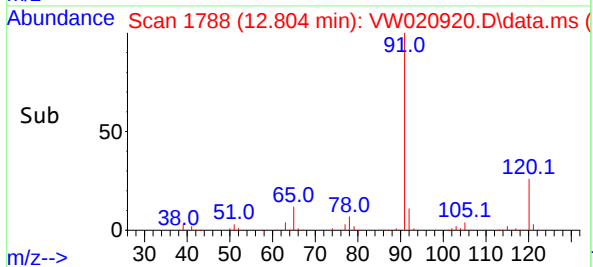
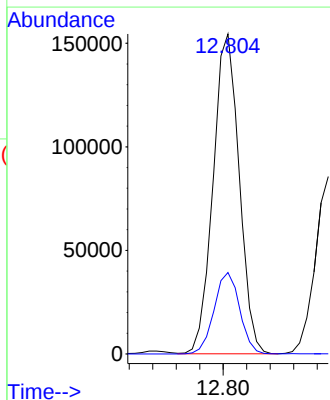
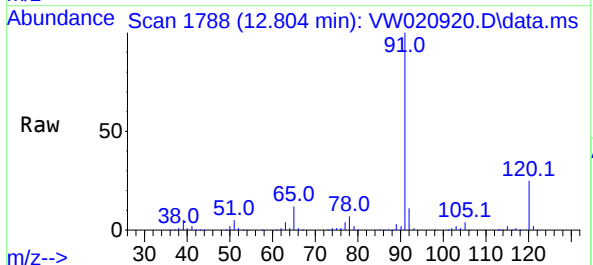
Manual Integrations
APPROVED

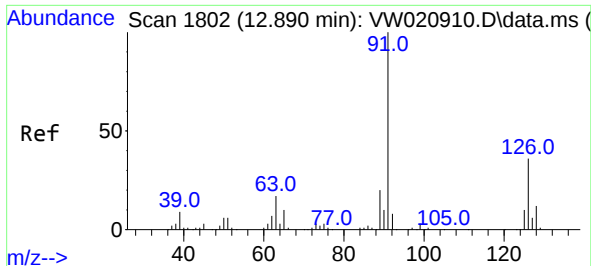
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 49.742 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion: 91 Resp: 237876
Ion Ratio Lower Upper
91 100
120 25.0 12.4 37.4





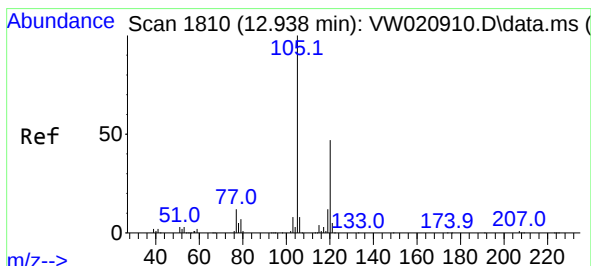
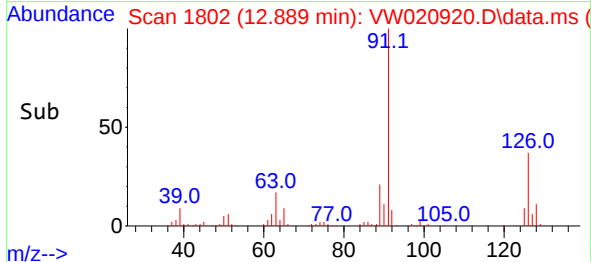
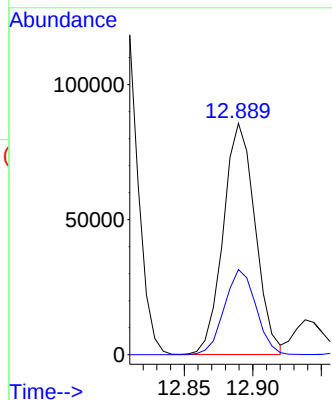
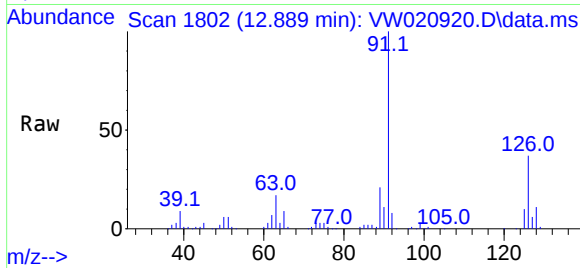
#79
2-Chlorotoluene
Concen: 50.211 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 138778
Ion Ratio Lower Upper
91 100
126 36.5 18.0 54.0

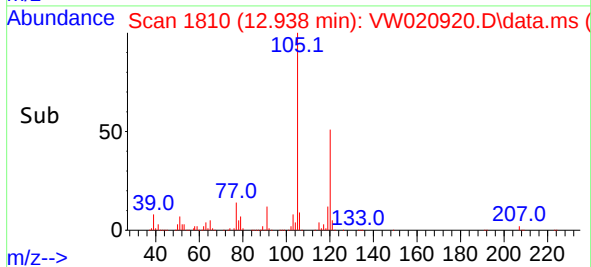
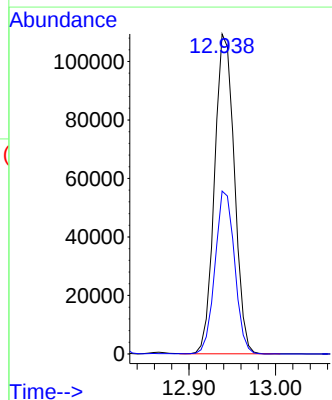
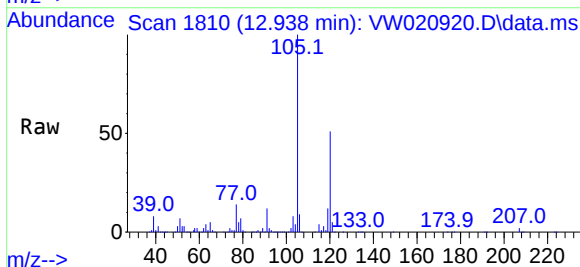
Manual Integrations
APPROVED

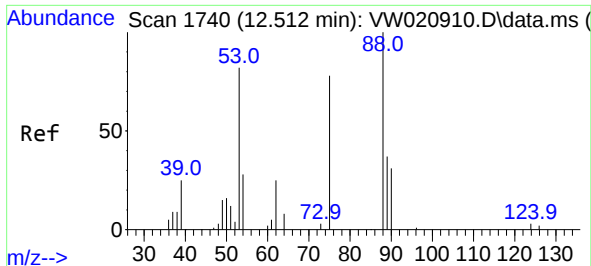
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.870 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

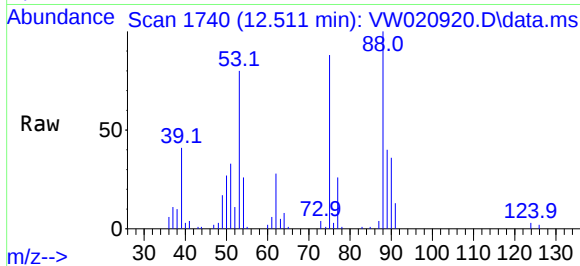
Tgt Ion:105 Resp: 173640
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 51.304 ug/l
RT: 12.511 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

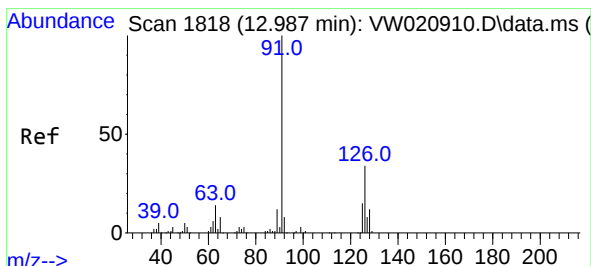
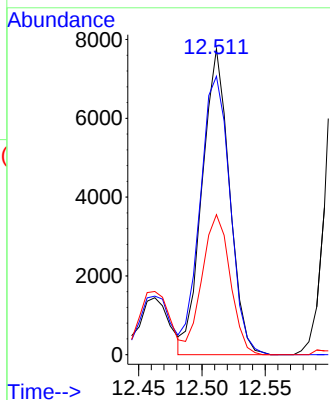
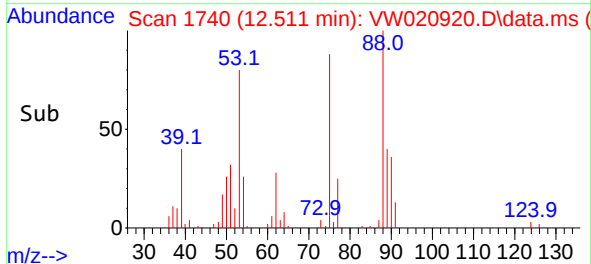
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



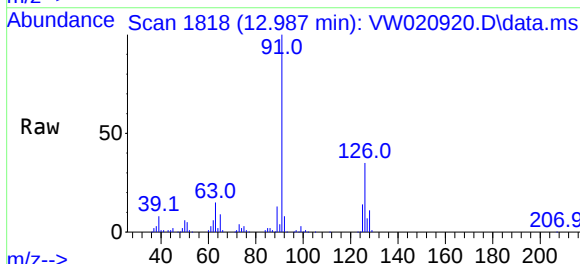
Tgt Ion: 75 Resp: 1164
Ion Ratio Lower Upper
75 100
53 100.0 81.8 122.8
89 46.7 38.6 57.8

Manual Integrations
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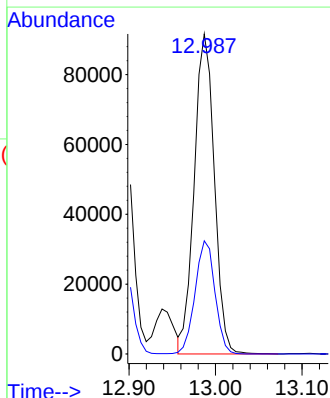
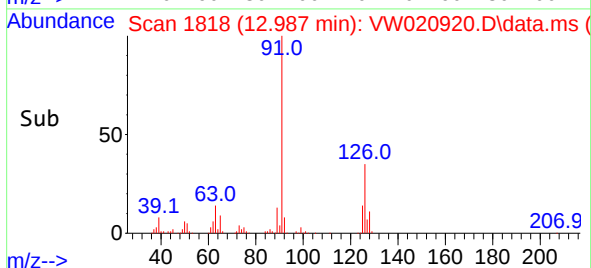
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

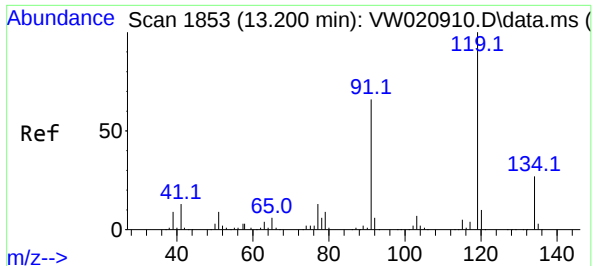


#82
4-Chlorotoluene
Concen: 50.384 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



Tgt Ion: 91 Resp: 147680
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





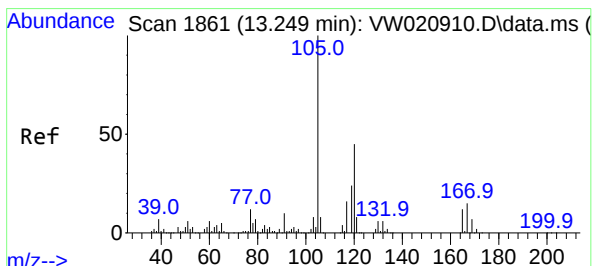
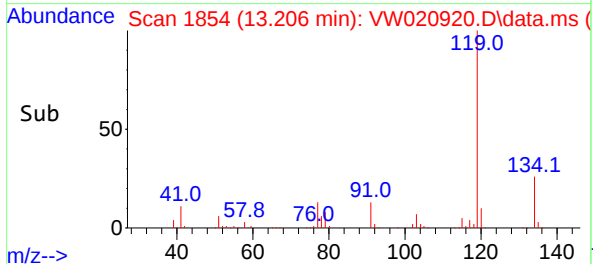
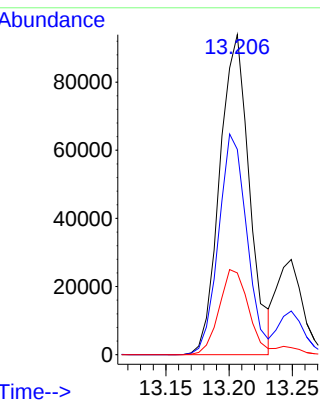
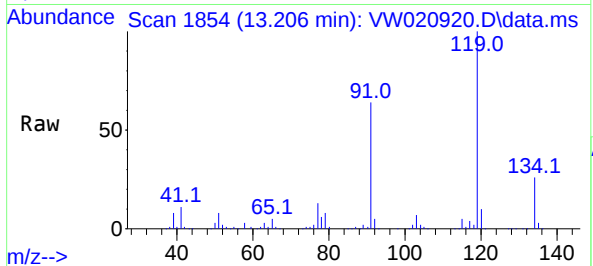
#83
tert-Butylbenzene
Concen: 49.378 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 153660
Ion Ratio Lower Upper
119 100
91 65.8 32.6 97.8
134 26.6 13.2 39.5

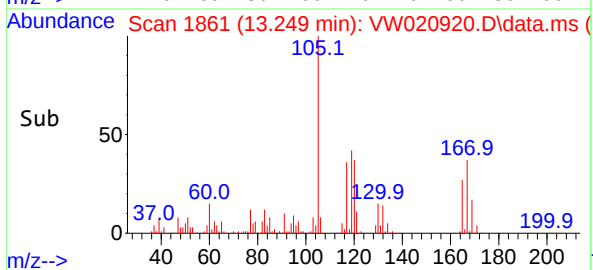
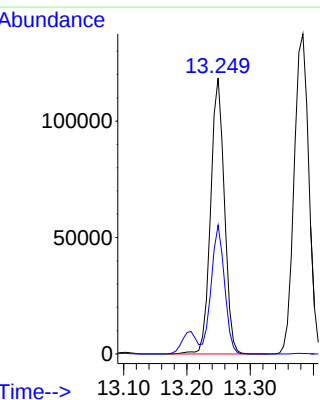
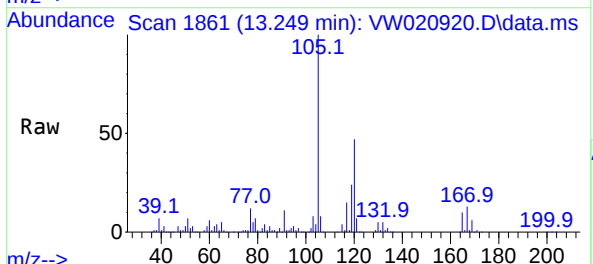
Manual Integrations
APPROVED

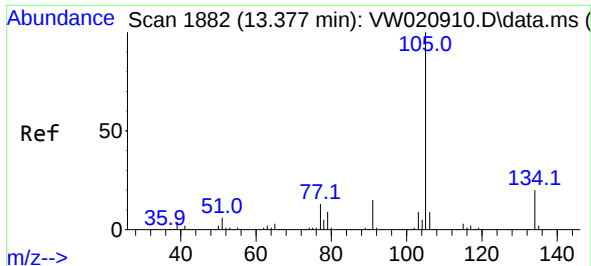
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 51.725 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

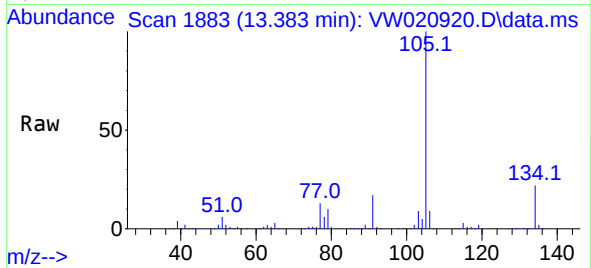
Tgt Ion:105 Resp: 177845
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 49.314 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VW020920.D
 Acq: 17 Nov 2021 23:00

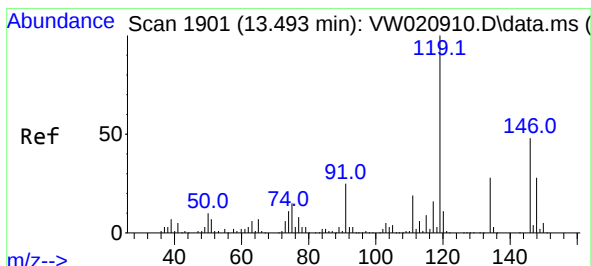
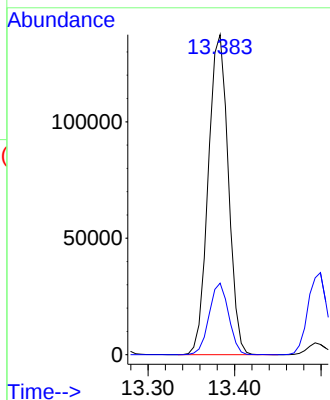
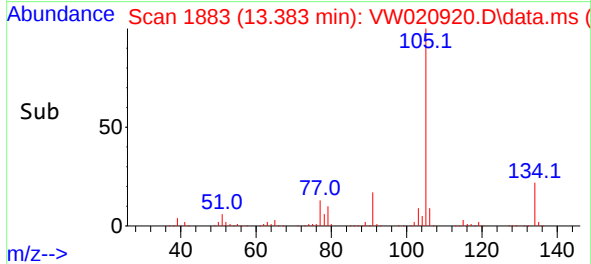
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC



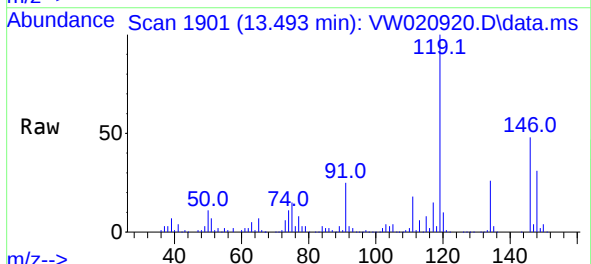
Tgt Ion:105 Resp: 220849
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.4 31.4

Manual Integrations
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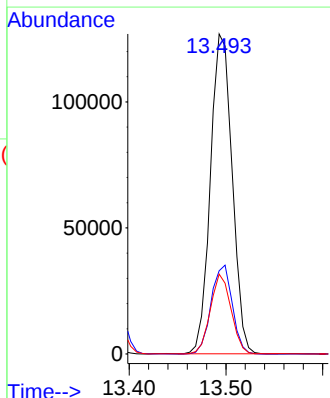
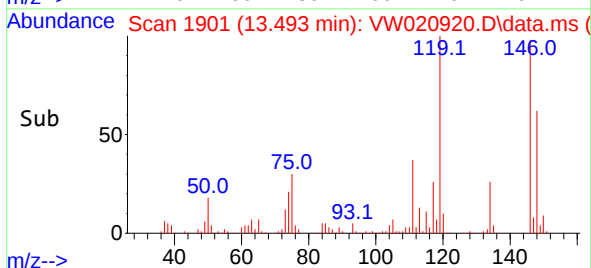
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

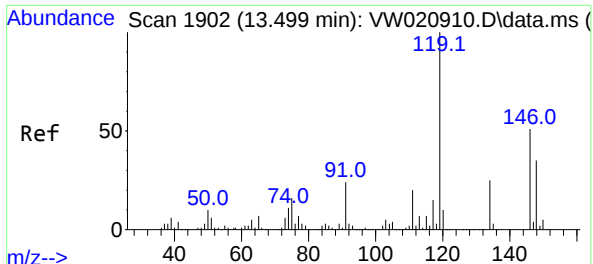


#86
 p-Isopropyltoluene
 Concen: 51.342 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020920.D
 Acq: 17 Nov 2021 23:00



Tgt Ion:119 Resp: 198225
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 23.7 11.9 35.9





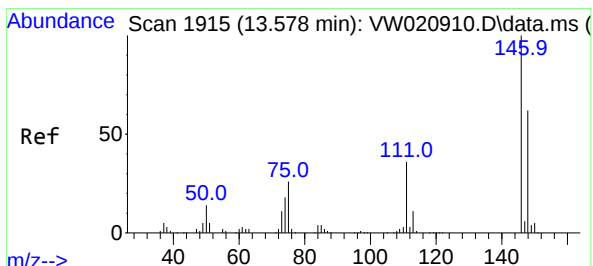
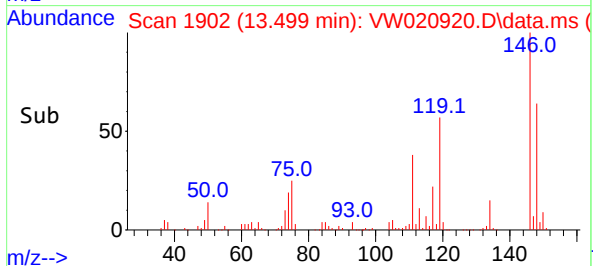
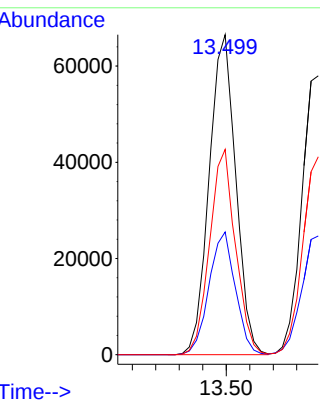
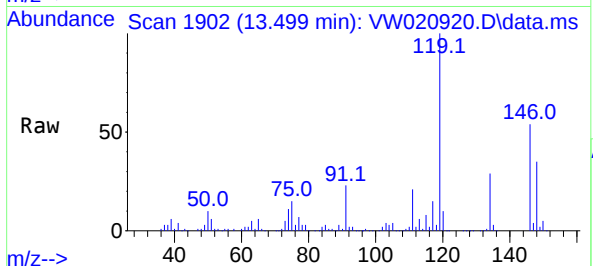
#87
1,3-Dichlorobenzene
Concen: 52.455 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 10484
Ion Ratio Lower Upper
146 100
111 38.0 20.0 59.9
148 62.3 31.7 95.1

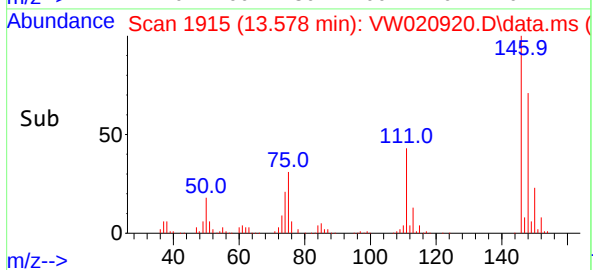
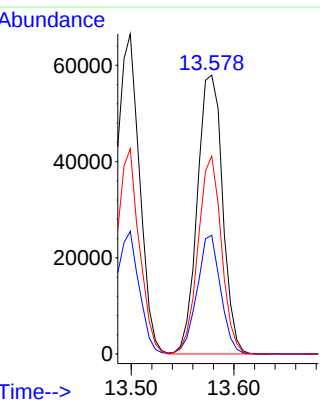
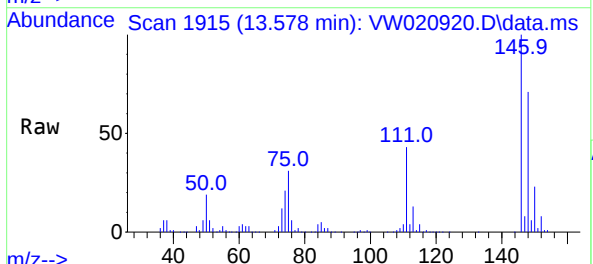
Manual Integrations
APPROVED

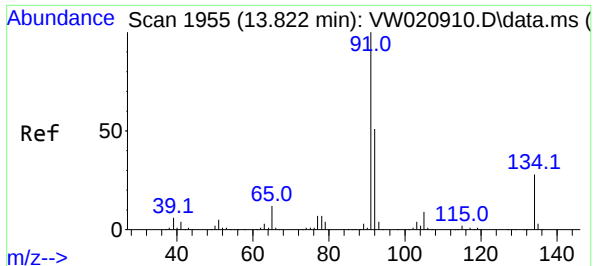
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 49.236 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Tgt Ion:146 Resp: 98890
Ion Ratio Lower Upper
146 100
111 39.9 18.8 56.4
148 65.7 31.1 93.2





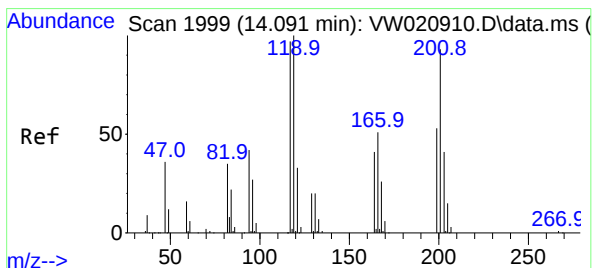
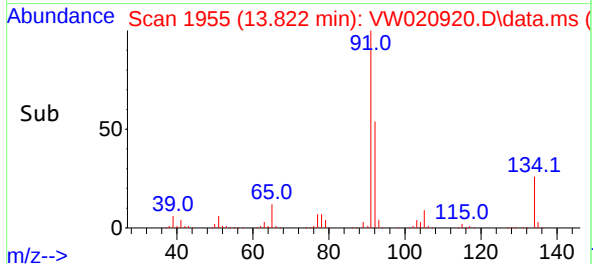
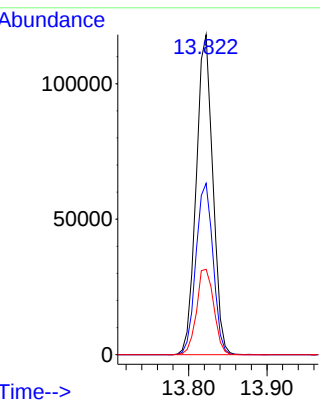
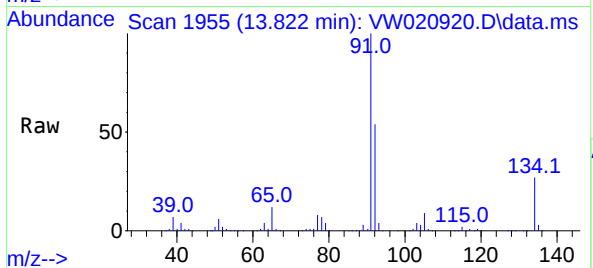
#89
n-Butylbenzene
Concen: 50.151 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 17385
Ion Ratio Lower Upper
91 100
92 55.1 26.5 79.4
134 27.8 13.6 40.8

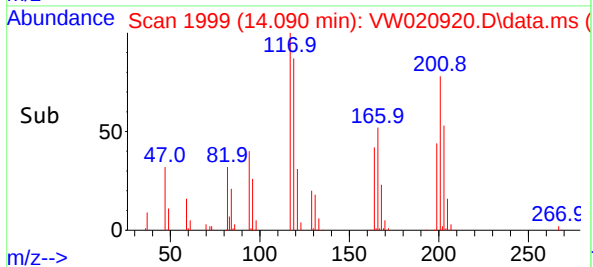
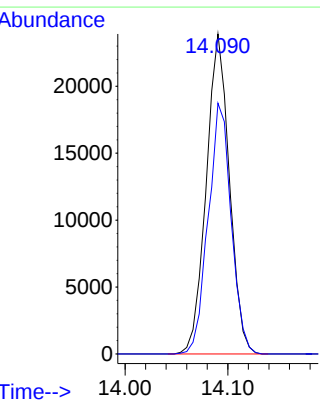
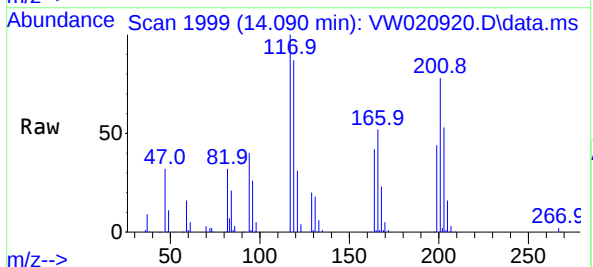
Manual Integrations
APPROVED

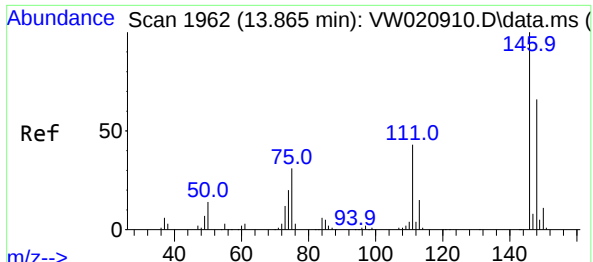
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 51.341 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

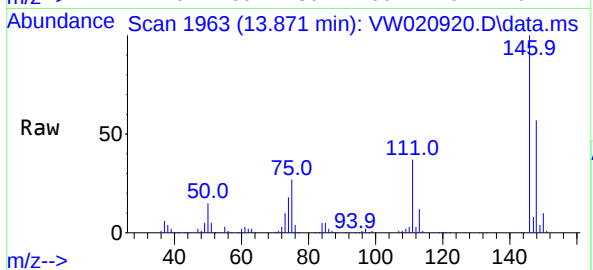
Tgt Ion:117 Resp: 37330
Ion Ratio Lower Upper
117 100
201 77.8 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 53.674 ug/l
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

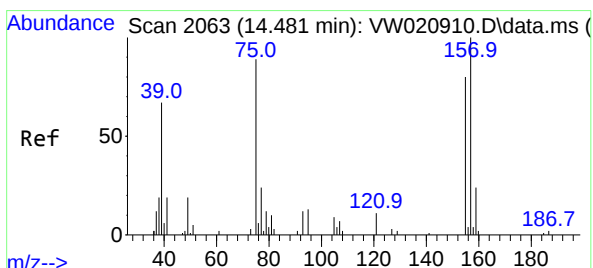
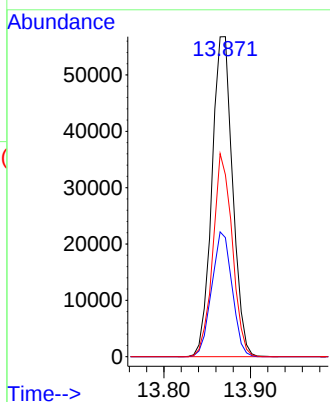
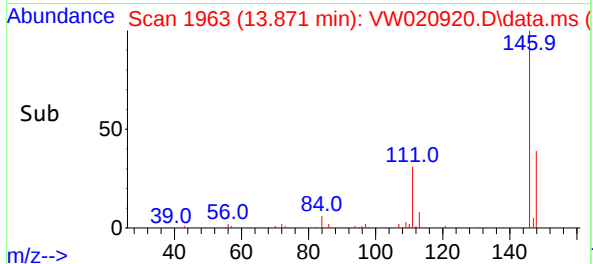
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



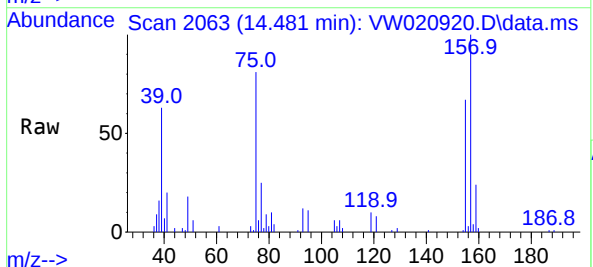
Tgt Ion:146 Resp: 94249
Ion Ratio Lower Upper
146 100
111 38.4 21.1 63.3
148 59.3 32.6 97.8

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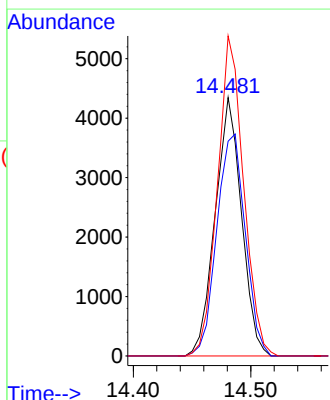
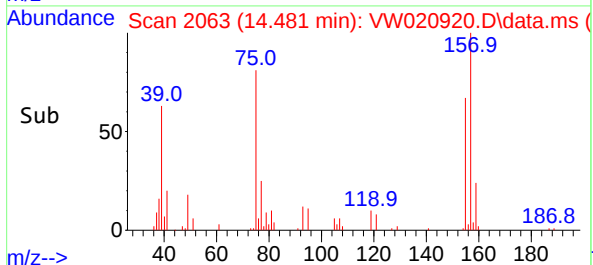
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

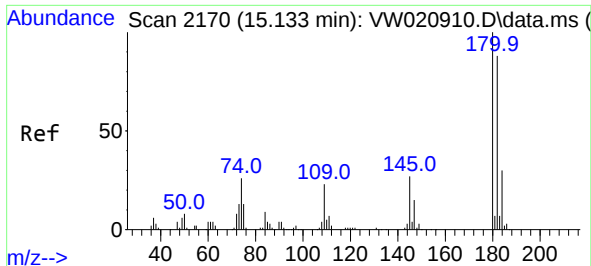


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.377 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



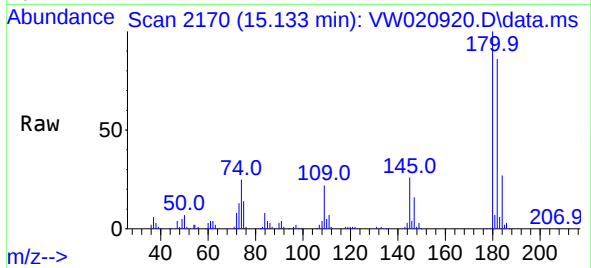
Tgt Ion: 75 Resp: 6764
Ion Ratio Lower Upper
75 100
155 92.9 45.9 137.6
157 123.0 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 51.005 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

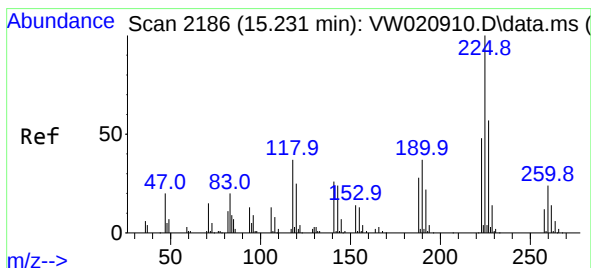
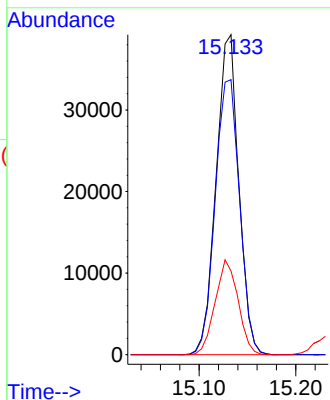
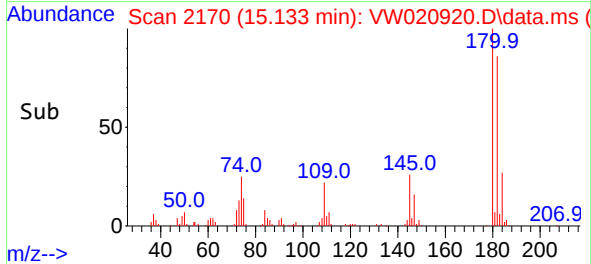
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



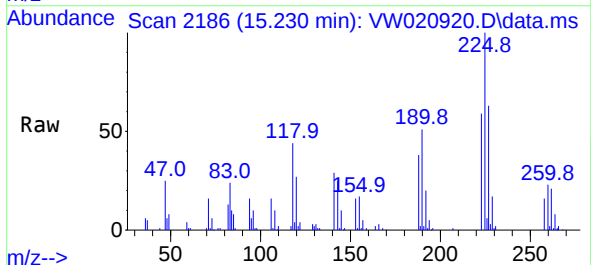
Tgt Ion:180 Resp: 63820
Ion Ratio Lower Upper
180 100
182 92.5 46.5 139.3
145 30.0 15.0 45.1

Manual Integrations
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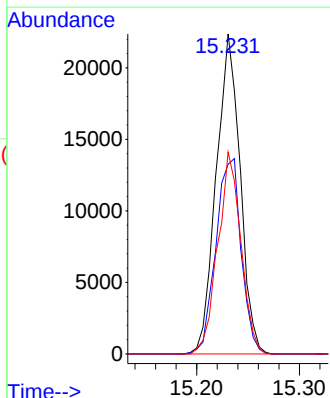
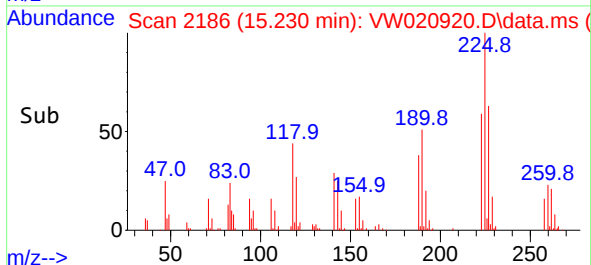
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

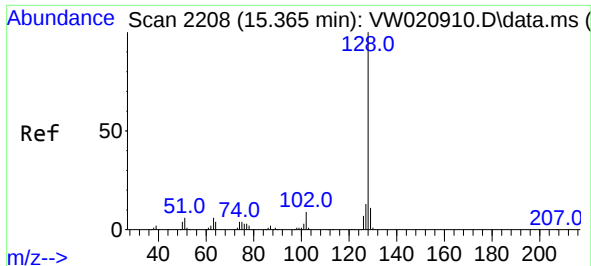


#94
Hexachlorobutadiene
Concen: 50.852 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



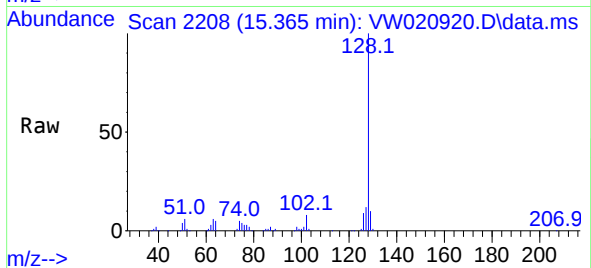
Tgt Ion:225 Resp: 36084
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.3
227 60.9 32.8 98.3





#95
Naphthalene
Concen: 52.989 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00

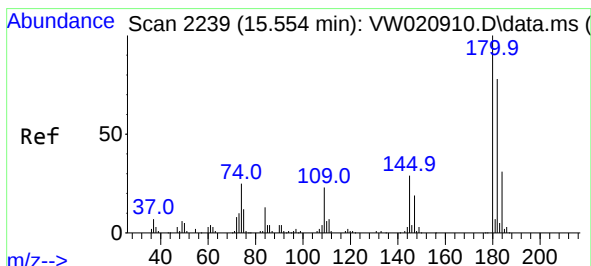
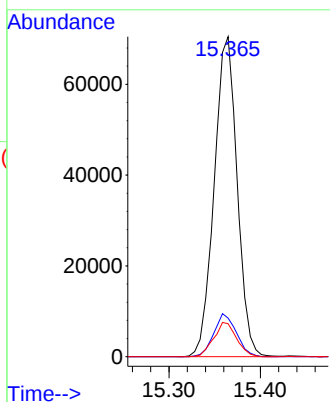
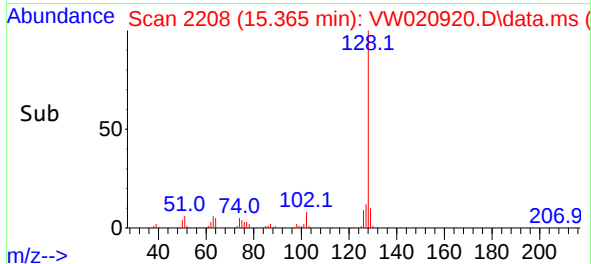
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



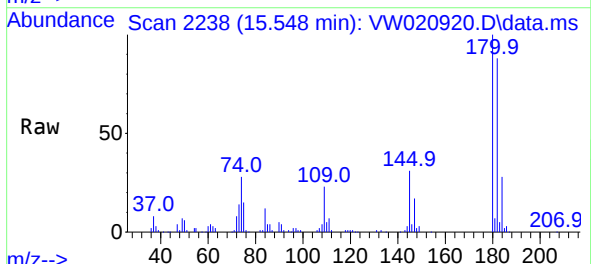
Tgt Ion:128 Resp: 122880
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.749 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020920.D
Acq: 17 Nov 2021 23:00



Tgt Ion:180 Resp: 59304
Ion Ratio Lower Upper
180 100
182 90.1 46.2 138.6
145 31.7 14.9 44.5

