

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020830.D
 Acq On : 10 Nov 2021 12:26
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 11 01:39:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	94356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	136087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	120076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	61652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	75552	70.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.380%			
35) Dibromofluoromethane	7.885	113	74104	79.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 159.600%#			
50) Toluene-d8	10.323	98	292190	82.737	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 165.480%#			
62) 4-Bromofluorobenzene	12.615	95	105175	80.576	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 161.160%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	16324	58.961	ug/l	96
3) Chloromethane	2.209	50	48958	74.109	ug/l	100
4) Vinyl Chloride	2.355	62	76858	92.176	ug/l	97
5) Bromomethane	2.757	94	51805	102.469	ug/l	98
6) Chloroethane	2.904	64	35703	103.253	ug/l	99
7) Trichlorofluoromethane	3.245	101	45545	97.306	ug/l	91
8) Diethyl Ether	3.678	74	32206	69.747	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.050	101	70522	74.379	ug/l	97
10) Methyl Iodide	4.269	142	104591	91.617	ug/l	99
11) Tert butyl alcohol	5.178	59	25486	419.054	ug/l #	84
12) 1,1-Dichloroethene	4.038	96	69410	77.964	ug/l	94
13) Acrolein	3.891	56	10191	347.638	ug/l	100
14) Allyl chloride	4.666	41	106813	76.584	ug/l	95
15) Acrylonitrile	5.367	53	94232	408.811	ug/l	100
16) Acetone	4.123	43	90174	356.676	ug/l	100
17) Carbon Disulfide	4.379	76	182870	72.630	ug/l	100
18) Methyl Acetate	4.666	43	69563	87.818	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	102047	69.785	ug/l	97
20) Methylene Chloride	4.910	84	68857	59.700	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	77584	78.829	ug/l	93
22) Diisopropyl ether	6.312	45	204401	71.546	ug/l	98
23) Vinyl Acetate	6.257	43	637292	390.519	ug/l	99
24) 1,1-Dichloroethane	6.214	63	131847	72.029	ug/l	99
25) 2-Butanone	7.171	43	131416	415.573	ug/l	99
26) 2,2-Dichloropropane	7.165	77	89324	76.582	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	84813	77.821	ug/l	96
28) Bromochloromethane	7.513	49	60502	78.877	ug/l #	97
29) Tetrahydrofuran	7.531	42	82618	425.957	ug/l	99
30) Chloroform	7.671	83	141764	74.576	ug/l	94
31) Cyclohexane	7.952	56	129700	72.531	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	124499	79.834	ug/l	97
36) 1,1-Dichloropropene	8.080	75	114215	79.054	ug/l	98
37) Ethyl Acetate	7.251	43	56872	85.346	ug/l	99
38) Carbon Tetrachloride	8.061	117	122607	85.893	ug/l	95
39) Methylcyclohexane	9.336	83	143699	83.943	ug/l	94
40) Benzene	8.324	78	303501	74.273	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	32530	85.284	ug/l	90
42) 1,2-Dichloroethane	8.397	62	92386	73.110	ug/l	100
43) Isopropyl Acetate	8.421	43	108274	86.311	ug/l	99
44) Trichloroethene	9.092	130	90098	82.700	ug/l	94
45) 1,2-Dichloropropane	9.366	63	70600	72.670	ug/l	96
46) Dibromomethane	9.457	93	44131	81.296	ug/l	95
47) Bromodichloromethane	9.640	83	105405	77.632	ug/l	100
48) Methyl methacrylate	9.433	41	51666	86.969	ug/l	96
49) 1,4-Dioxane	9.457	88	12279	1738.635	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	289540	436.051	ug/l	99
52) Toluene	10.390	92	199994	78.687	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	109033	80.007	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	120700	77.696	ug/l	99
55) 1,1,2-Trichloroethane	10.787	97	59347	79.114	ug/l	94
56) Ethyl methacrylate	10.646	69	80541	84.049	ug/l	97
57) 1,3-Dichloropropane	10.933	76	98852	75.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	225486	495.705	ug/l	96
59) 2-Hexanone	10.969	43	209111	440.250	ug/l	100
60) Dibromochloromethane	11.128	129	76750	85.005	ug/l	100
61) 1,2-Dibromoethane	11.232	107	60082	82.998	ug/l	99
64) Tetrachloroethene	10.866	164	77241	83.960	ug/l	93
65) Chlorobenzene	11.658	112	214661	81.479	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	80637	85.065	ug/l	99
67) Ethyl Benzene	11.731	91	397680	84.019	ug/l	99
68) m/p-Xylenes	11.835	106	311788	169.982	ug/l	95
69) o-Xylene	12.164	106	146137	86.504	ug/l	92
70) Styrene	12.183	104	244013	83.456	ug/l	99
71) Bromoform	12.347	173	53040	97.237	ug/l #	100
73) Isopropylbenzene	12.463	105	398195	88.771	ug/l	97
74) N-amyl acetate	12.268	43	100563	92.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	73754	88.140	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	48230m	73.996	ug/l	
77) Bromobenzene	12.743	156	92393	85.320	ug/l	97
78) n-propylbenzene	12.804	91	483259	87.358	ug/l	98
79) 2-Chlorotoluene	12.890	91	265043	83.398	ug/l	96
80) 1,3,5-Trimethylbenzene	12.939	105	333361	86.105	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	27133	100.766	ug/l	96
82) 4-Chlorotoluene	12.987	91	281045	84.059	ug/l	97
83) tert-Butylbenzene	13.207	119	306864	91.169	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	329927	86.143	ug/l	99
85) sec-Butylbenzene	13.384	105	428808	86.057	ug/l	95
86) p-Isopropyltoluene	13.493	119	375399	87.994	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	185601	84.516	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	182882	84.462	ug/l	99
89) n-Butylbenzene	13.823	91	353084	88.527	ug/l	99
90) Hexachloroethane	14.091	117	74234	97.421	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	157104	81.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	14920	97.970	ug/l	96
93) 1,2,4-Trichlorobenzene	15.133	180	109600	81.007	ug/l	99
94) Hexachlorobutadiene	15.225	225	67598	78.899	ug/l	96
95) Naphthalene	15.365	128	225572	97.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	96229	82.147	ug/l	97

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

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Manual Integrations

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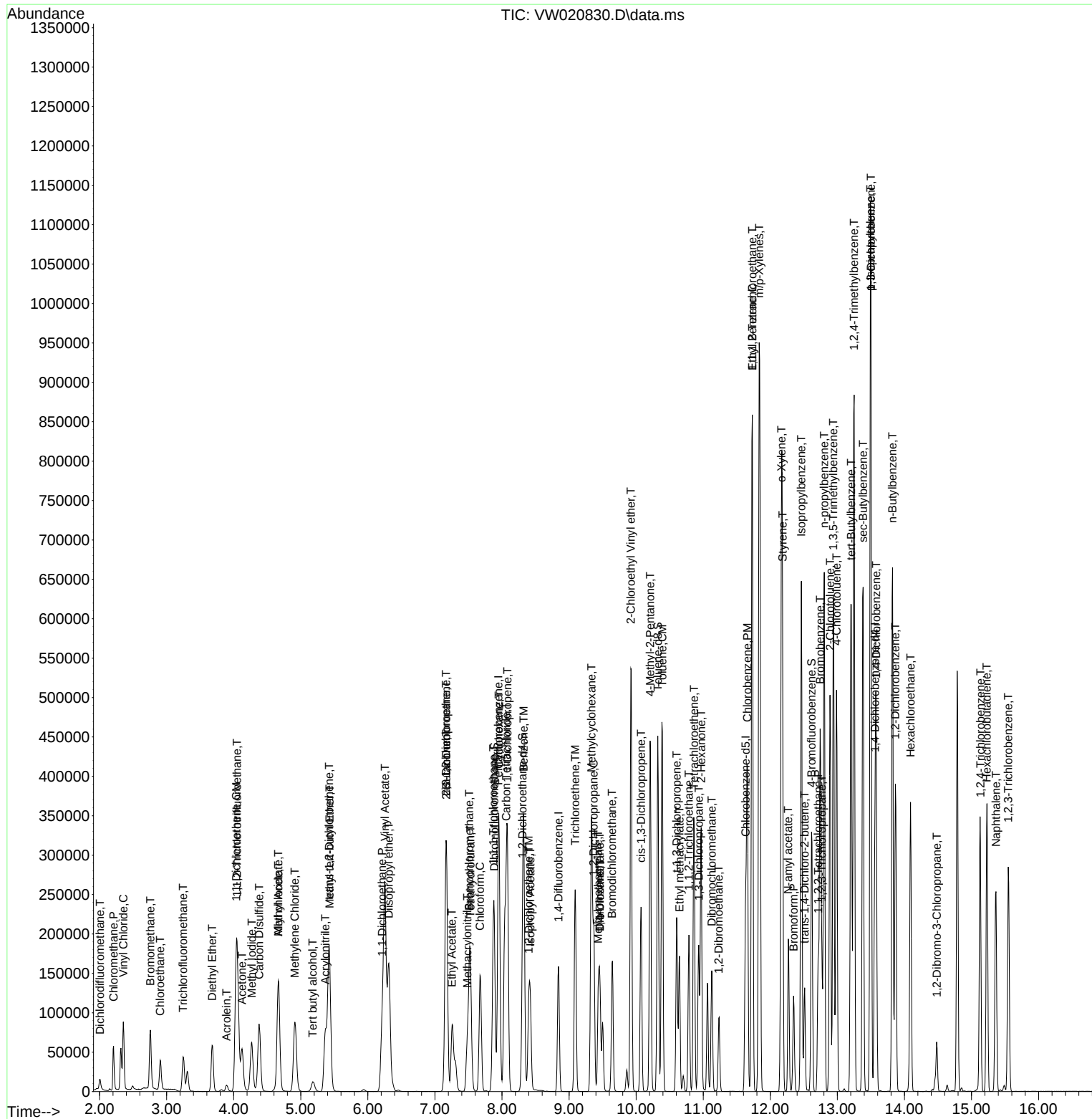
Quant Time: Nov 11 01:39:25 2021

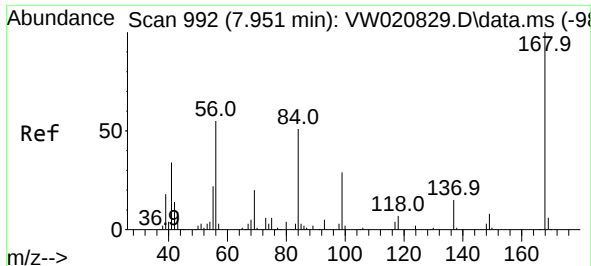
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Quant Title : SW846 8260

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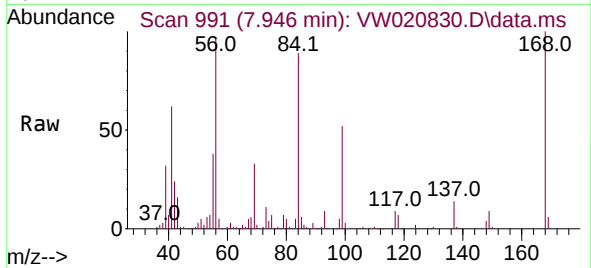
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 99
Delta R.T. -0.005 min
Lab File: VW020830.D
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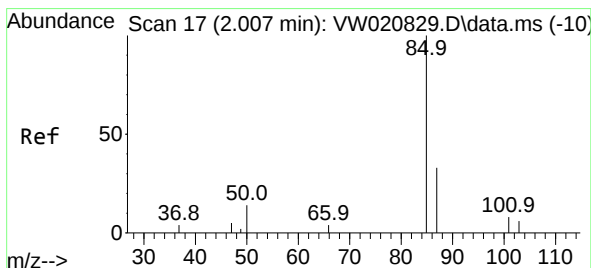
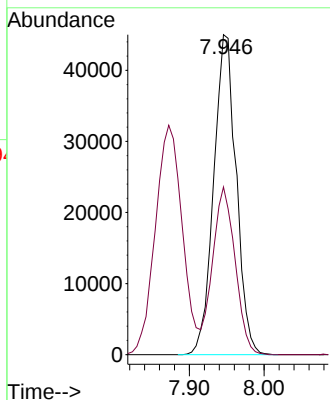
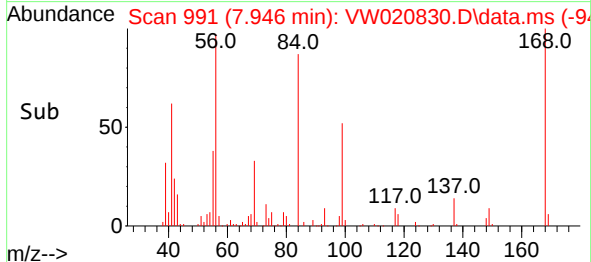
Instrument :
MSVOA_W
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Tgt Ion:168 Resp: 94350
Ion Ratio Lower Upper
168 100
99 52.4 45.4 68.0

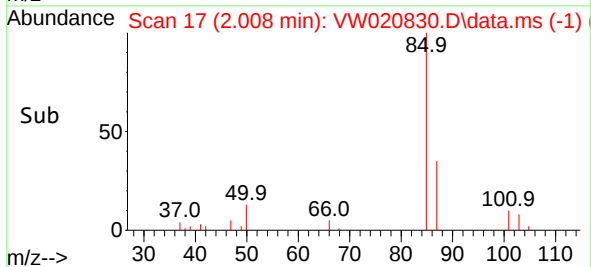
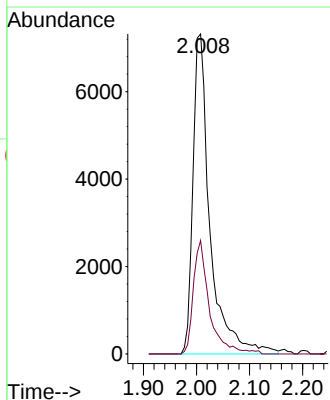
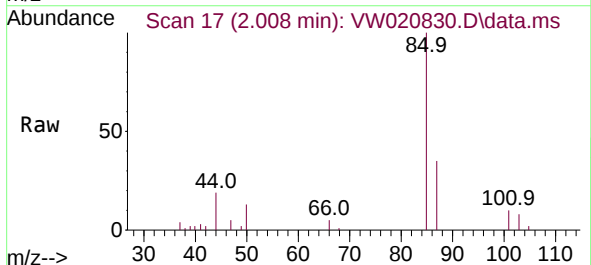
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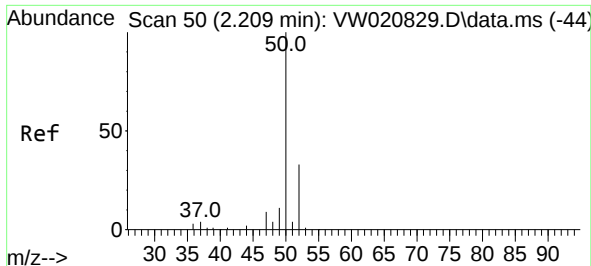
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 58.961 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 85 Resp: 16324
Ion Ratio Lower Upper
85 100
87 35.5 16.7 50.0





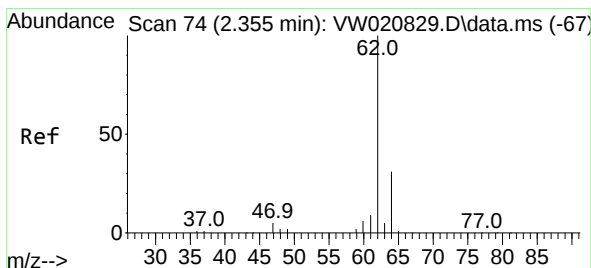
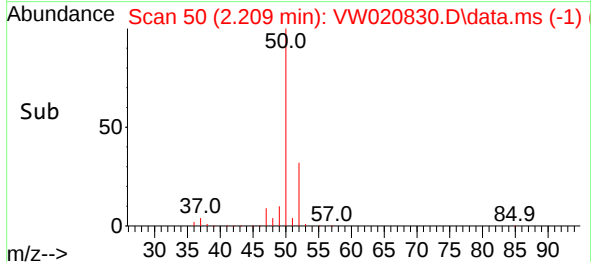
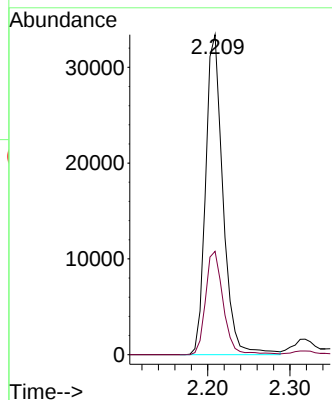
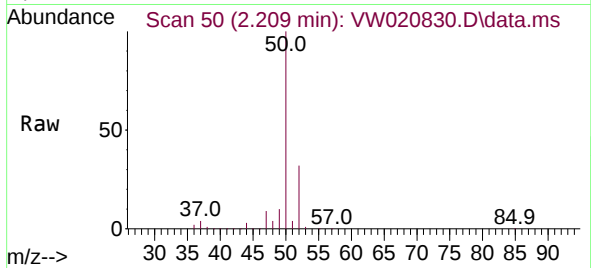
#3
Chloromethane
Concen: 74.109 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 50 Resp: 48958
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

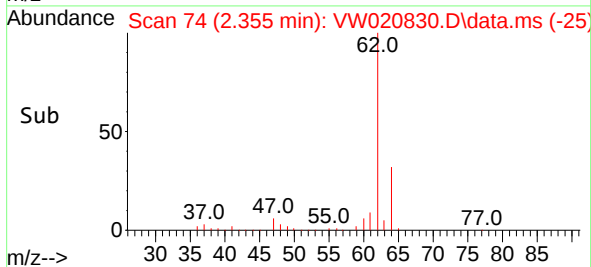
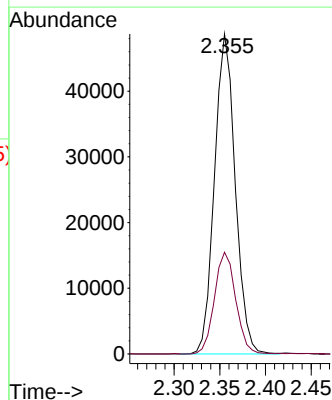
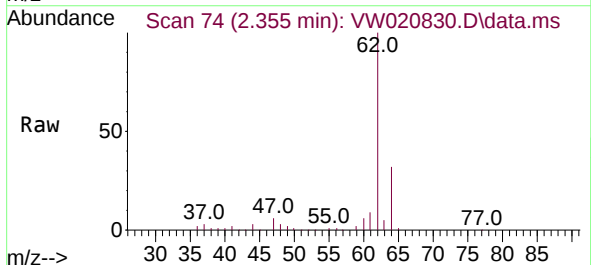
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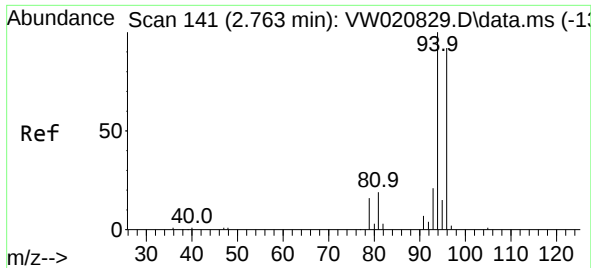
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Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 92.176 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 62 Resp: 76858
Ion Ratio Lower Upper
62 100
64 31.8 26.6 40.0





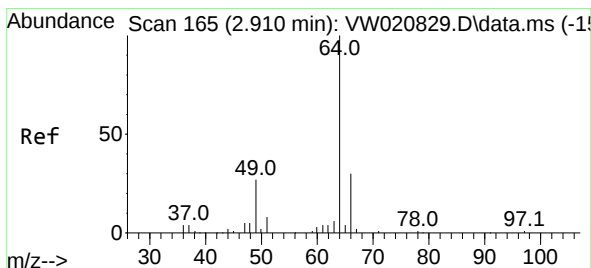
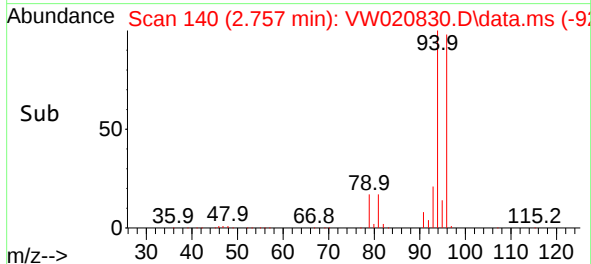
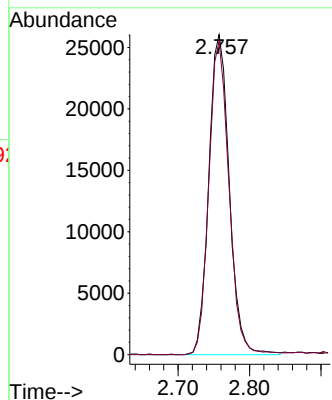
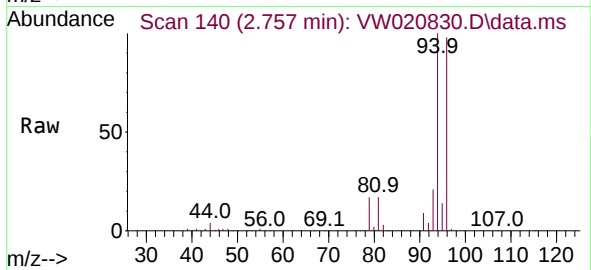
#5
Bromomethane
Concen: 102.469 ug/l
RT: 2.757 min Scan# 141
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5180
Ion Ratio Lower Upper
94 100
96 97.9 76.7 115.1

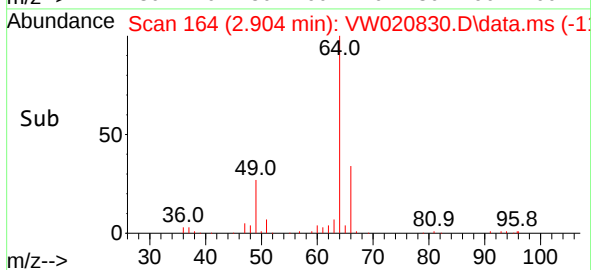
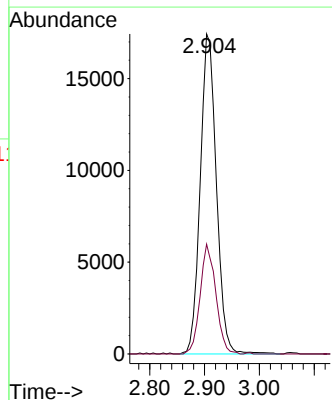
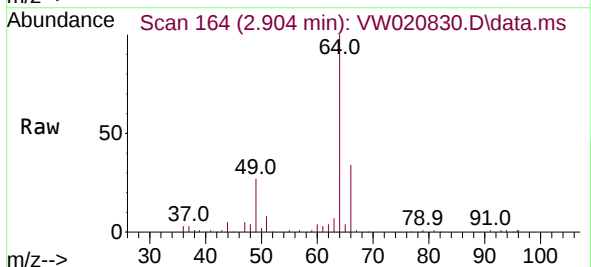
Manual Integrations
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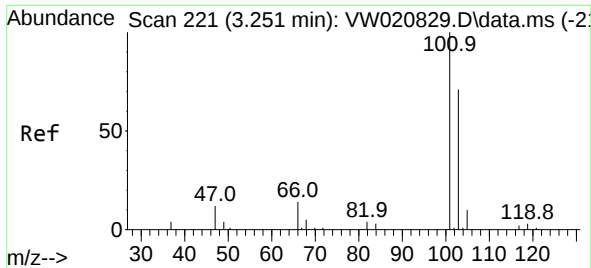
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 103.253 ug/l
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

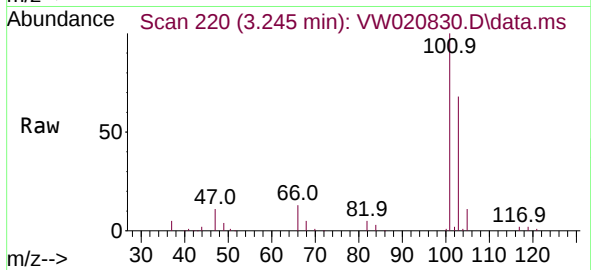
Tgt Ion: 64 Resp: 35703
Ion Ratio Lower Upper
64 100
66 34.3 27.0 40.4





#7
 Trichlorofluoromethane
 Concen: 97.306 ug/l
 RT: 3.245 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW020830.D
 Acq: 10 Nov 2021 12:26

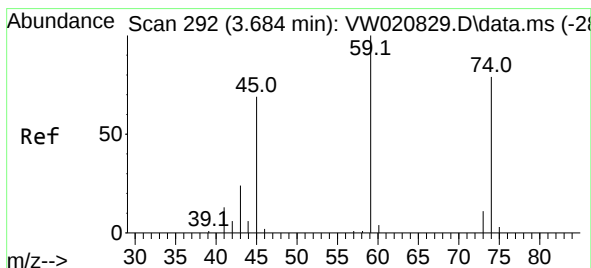
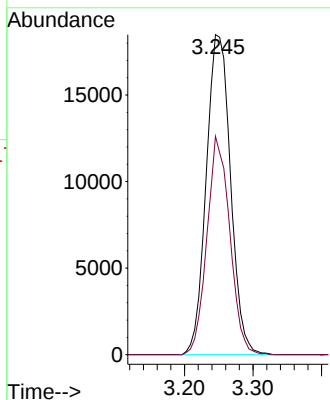
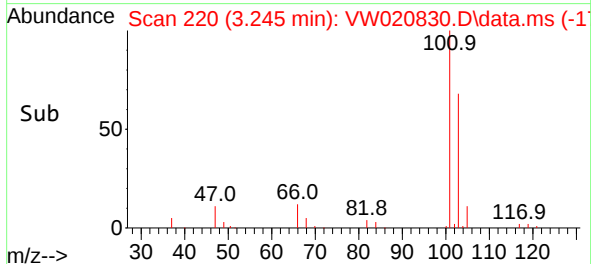
Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:101 Resp: 4554
 Ion Ratio Lower Upper
 101 100
 103 68.3 49.4 74.0

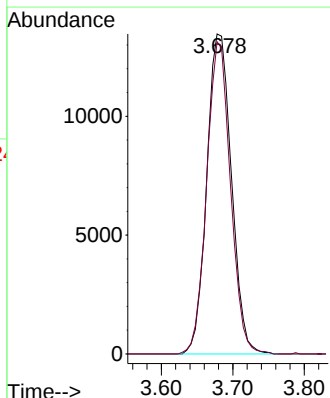
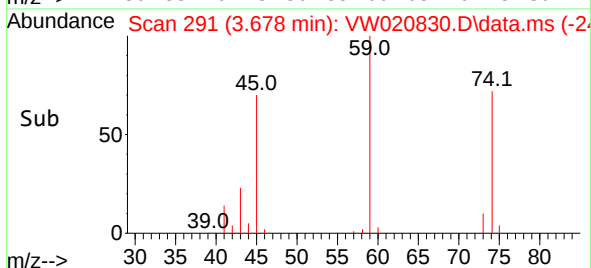
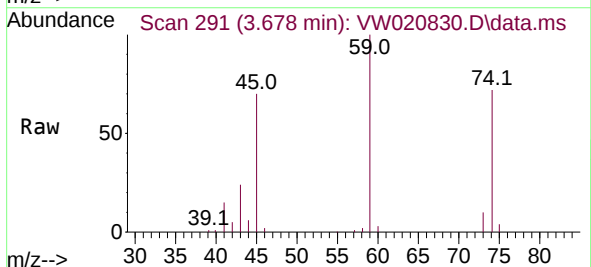
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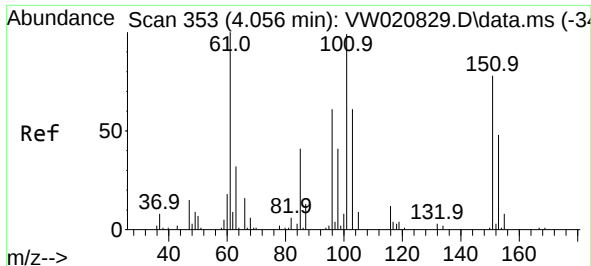
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#8
 Diethyl Ether
 Concen: 69.747 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.006 min
 Lab File: VW020830.D
 Acq: 10 Nov 2021 12:26

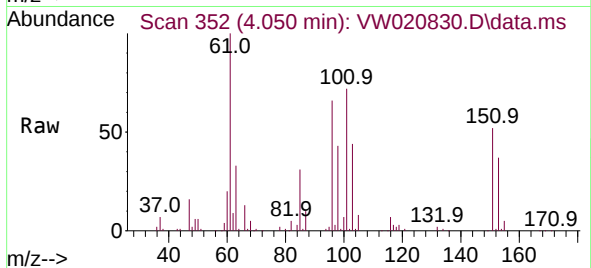
Tgt Ion: 74 Resp: 32206
 Ion Ratio Lower Upper
 74 100
 45 94.3 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.379 ug/l
RT: 4.050 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

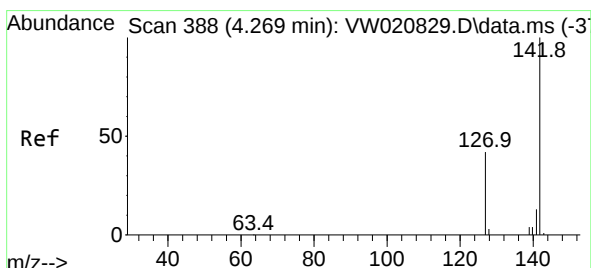
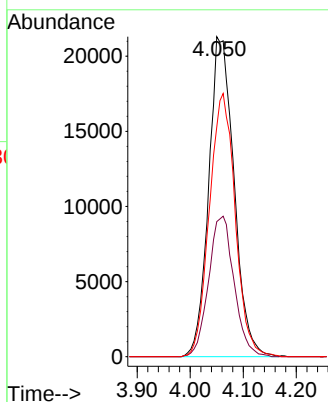
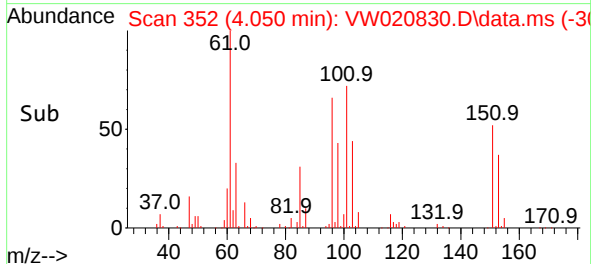
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 7052
Ion Ratio Lower Upper
101 100
85 44.3 34.9 52.3
151 83.9 64.5 96.7

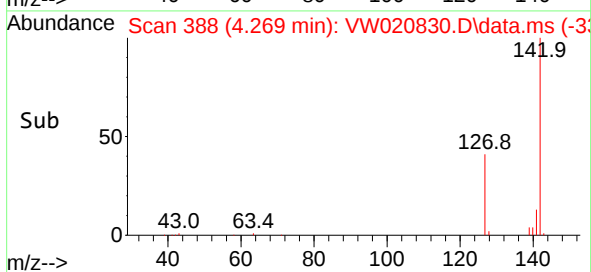
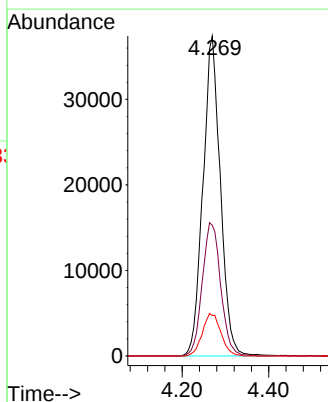
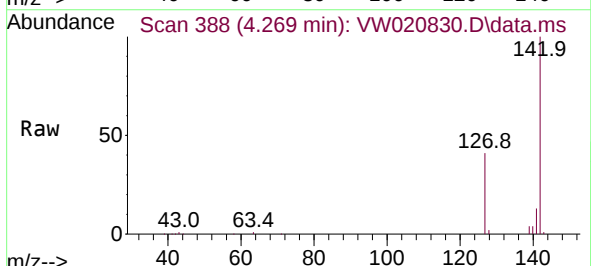
Manual Integrations
APPROVED

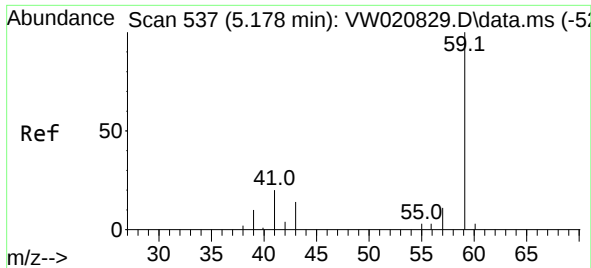
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 91.617 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

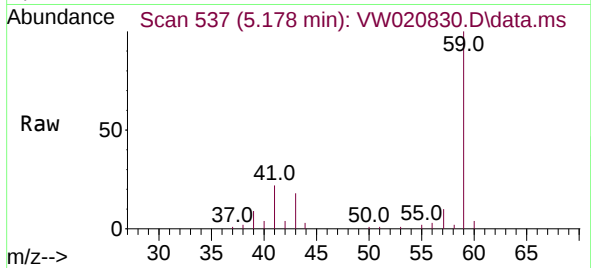
Tgt Ion:142 Resp: 104591
Ion Ratio Lower Upper
142 100
127 44.0 35.8 53.6
141 14.1 11.8 17.6





#11
Tert butyl alcohol
Concen: 419.054 ug/l
RT: 5.178 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

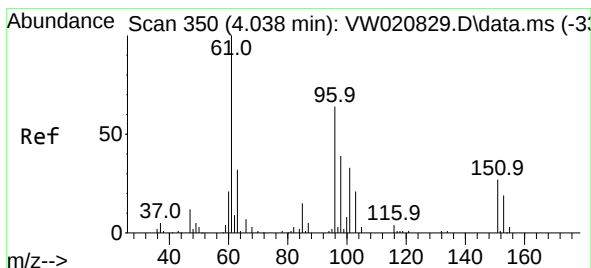
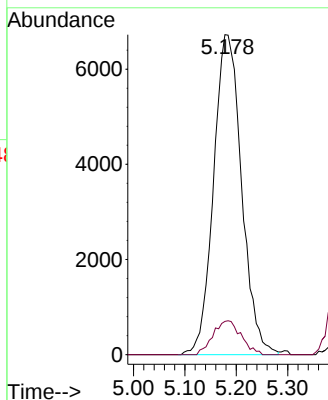
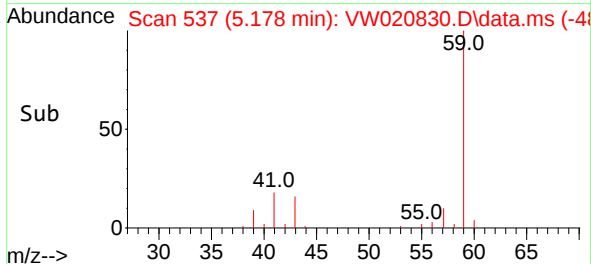
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



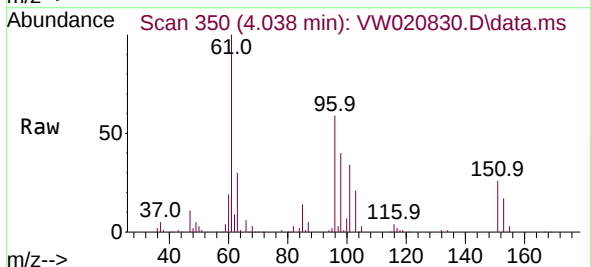
Tgt Ion: 59 Resp: 25480
Ion Ratio Lower Upper
59 100
57 10.6 4.2 6.2

Manual Integrations
APPROVED

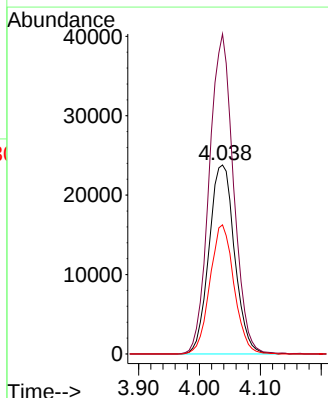
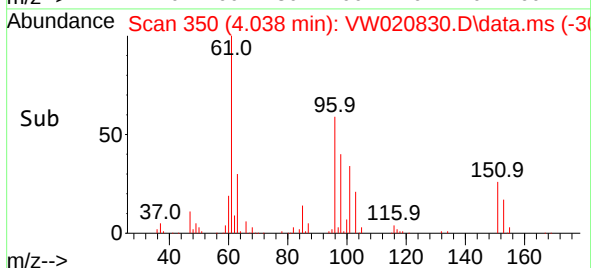
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

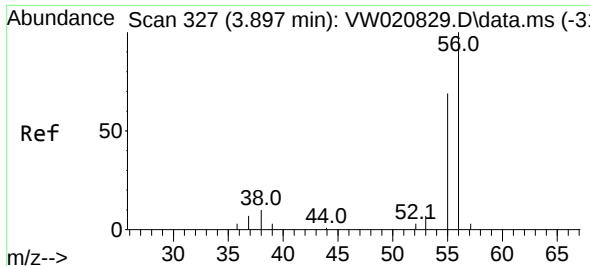


#12
1,1-Dichloroethene
Concen: 77.964 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



Tgt Ion: 96 Resp: 69410
Ion Ratio Lower Upper
96 100
61 169.3 131.0 196.6
98 68.3 47.8 71.6





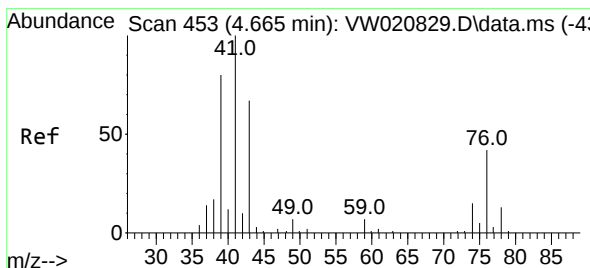
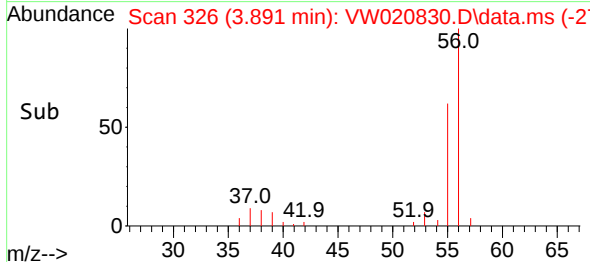
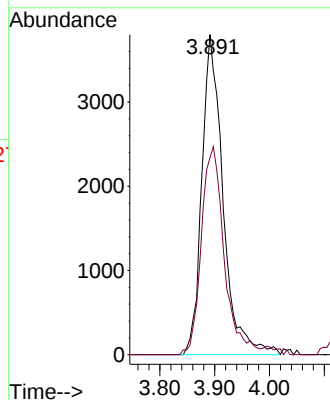
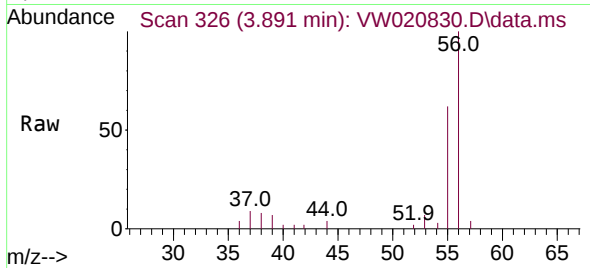
#13
Acrolein
Concen: 347.638 ug/l
RT: 3.891 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 1019
Ion Ratio Lower Upper
56 100
55 69.8 55.5 83.3

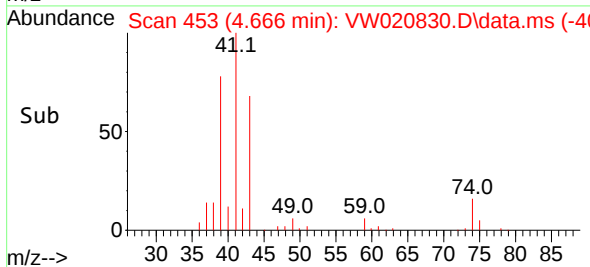
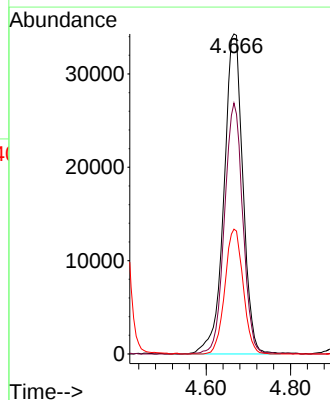
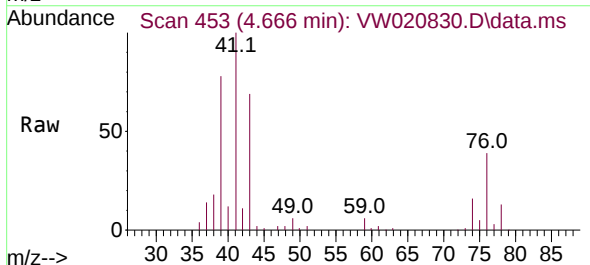
Manual Integrations
APPROVED

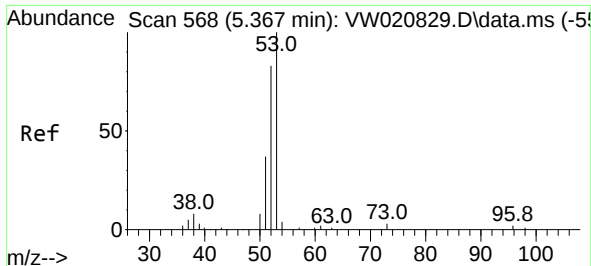
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 76.584 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

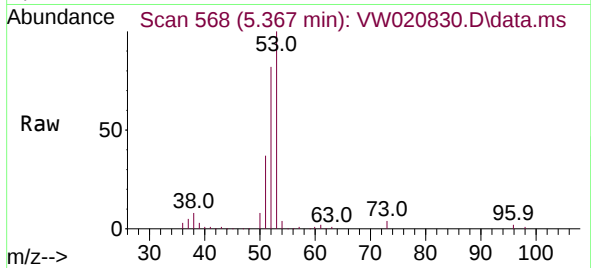
Tgt Ion: 41 Resp: 106813
Ion Ratio Lower Upper
41 100
39 75.6 57.1 85.7
76 37.4 27.1 40.7





#15
Acrylonitrile
Concen: 408.811 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

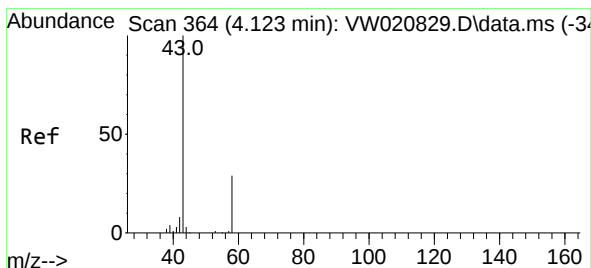
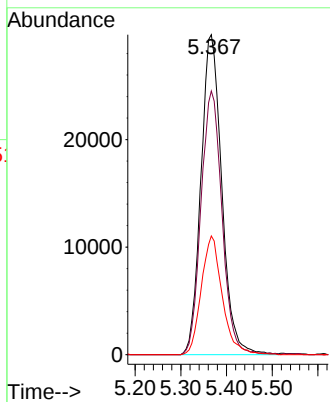
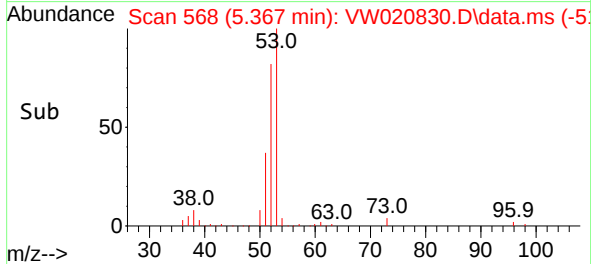
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 9423
Ion Ratio Lower Upper
53 100
52 83.1 66.8 100.2
51 37.4 30.1 45.1

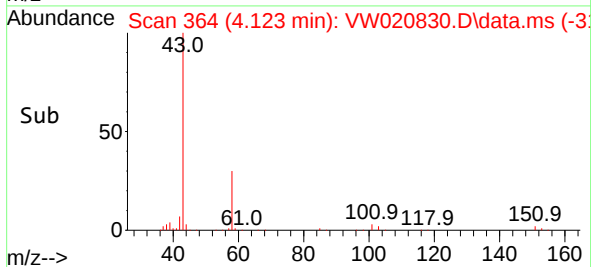
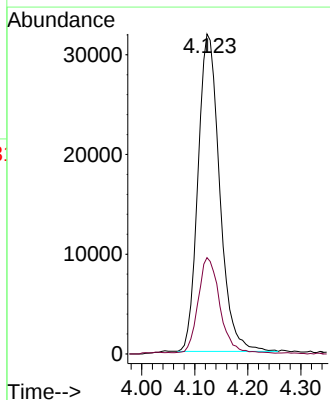
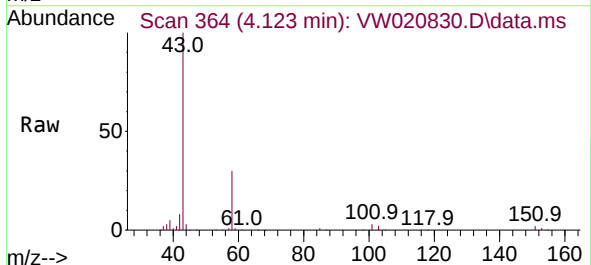
Manual Integrations
APPROVED

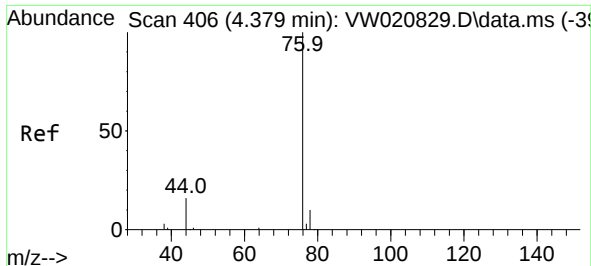
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 356.676 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

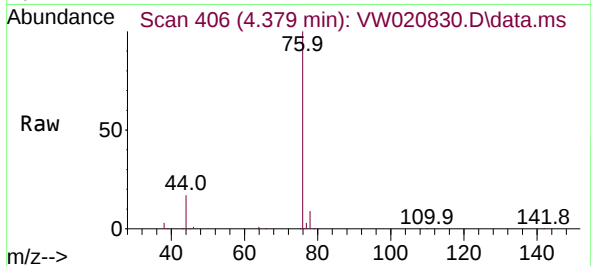
Tgt Ion: 43 Resp: 90174
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2





#17
Carbon Disulfide
Concen: 72.630 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

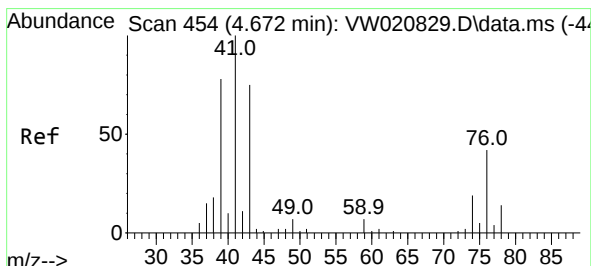
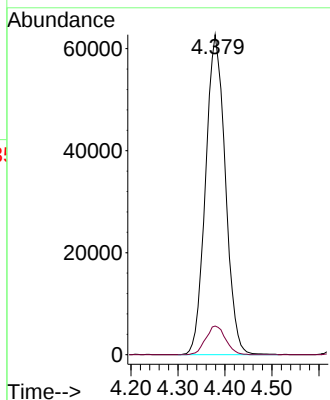
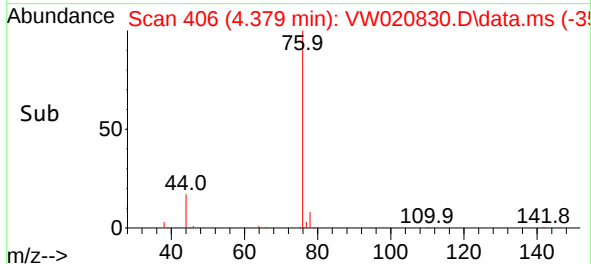
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 182870
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

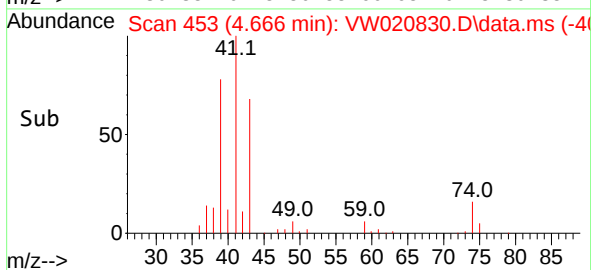
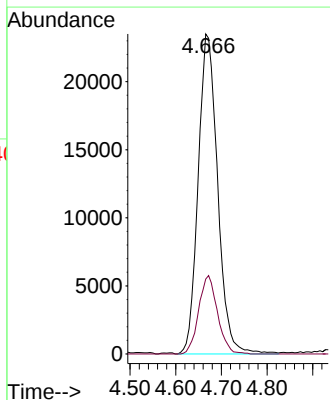
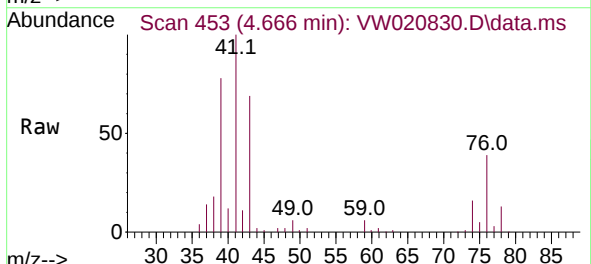
Manual Integrations
APPROVED

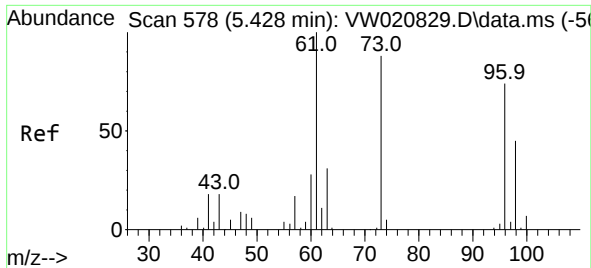
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 87.818 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 43 Resp: 69563
Ion Ratio Lower Upper
43 100
74 23.6 18.7 28.1





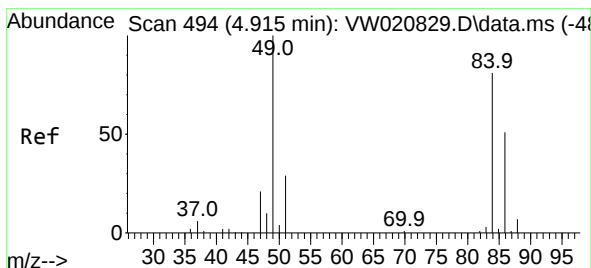
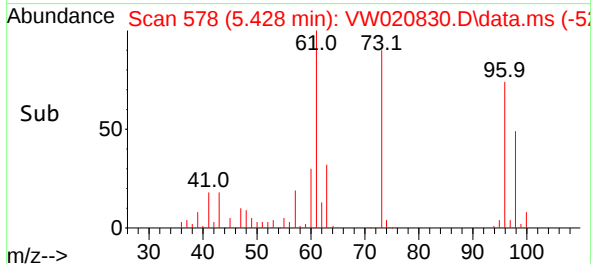
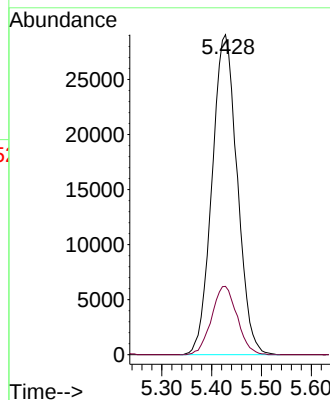
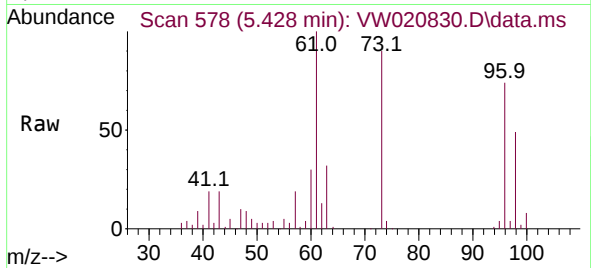
#19
Methyl tert-butyl Ether
Concen: 69.785 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 10204
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4

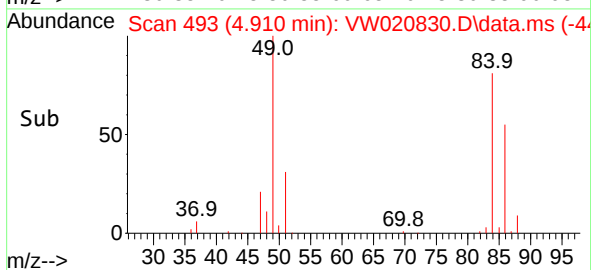
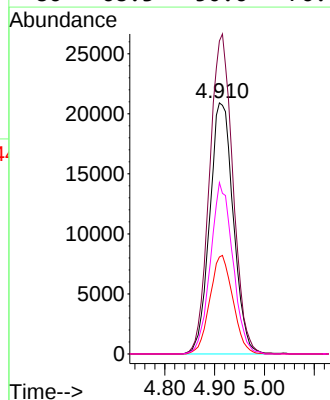
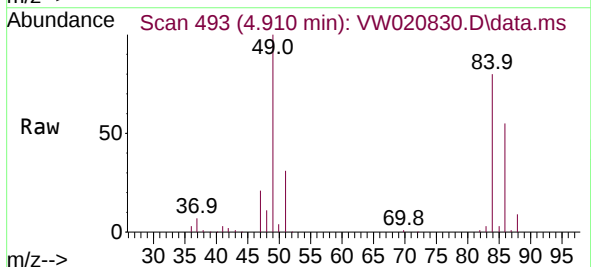
Manual Integrations
APPROVED

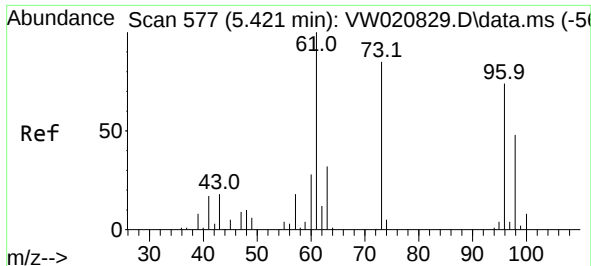
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 59.700 ug/l
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 84 Resp: 68857
Ion Ratio Lower Upper
84 100
49 124.6 100.0 150.0
51 38.6 30.8 46.2
86 68.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 78.829 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

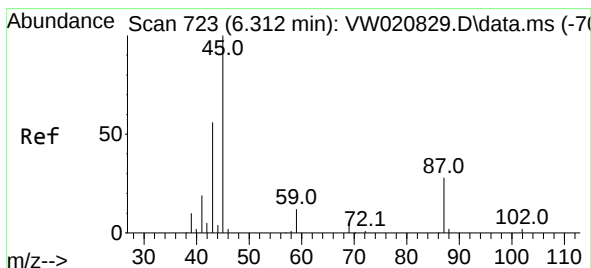
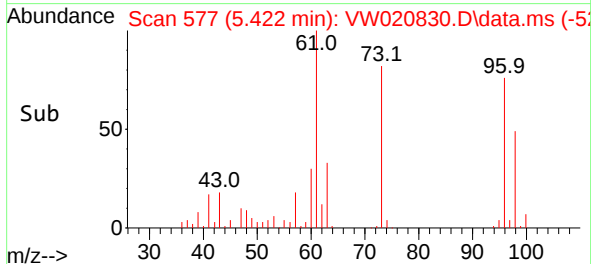
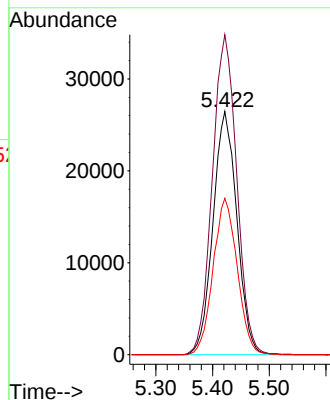
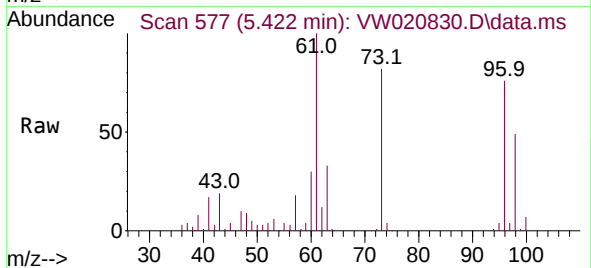
VSTDICC100

Tgt Ion: 96 Resp: 77584
Ion Ratio Lower Upper
96 100
61 131.6 113.5 170.3
98 64.3 48.6 72.8

Manual Integrations

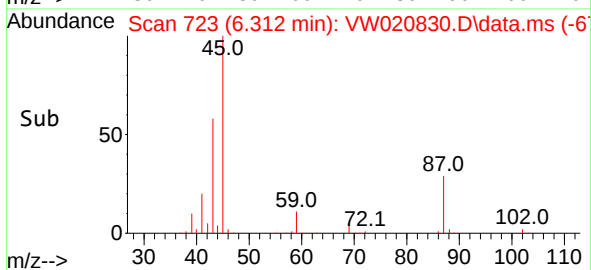
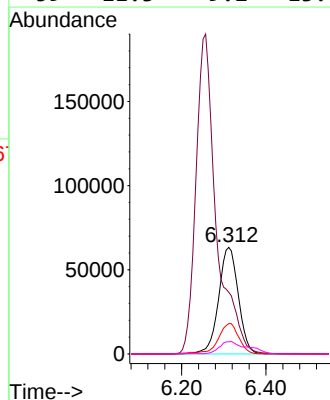
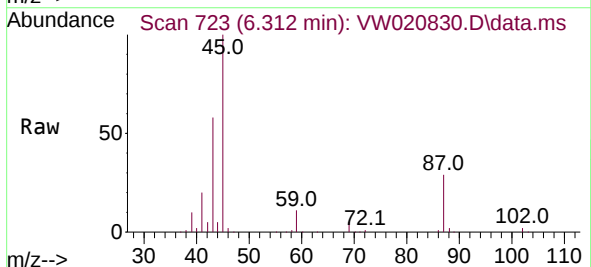
APPROVED

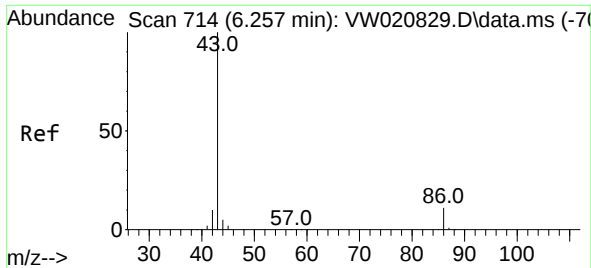
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 71.546 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 45 Resp: 204401
Ion Ratio Lower Upper
45 100
43 57.3 45.1 67.7
87 28.6 21.2 31.8
59 11.3 9.2 13.8





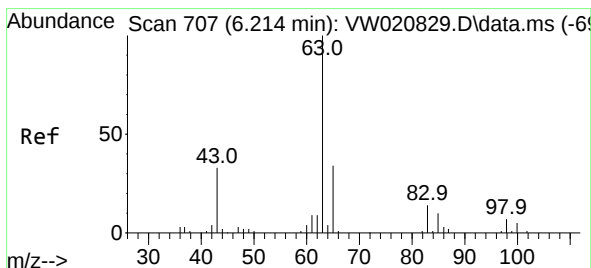
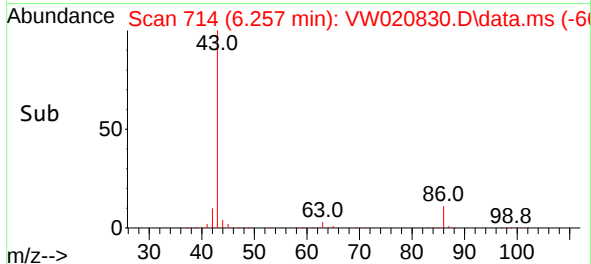
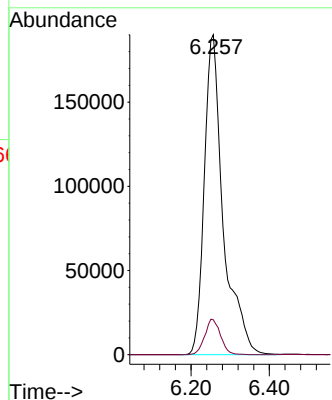
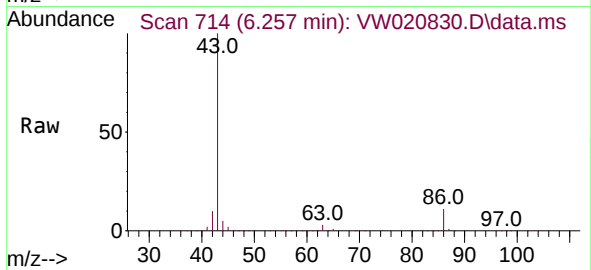
#23
 Vinyl Acetate
 Concen: 390.519 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020830.D
 Acq: 10 Nov 2021 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 637292
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

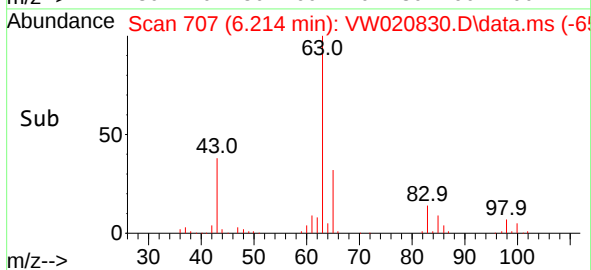
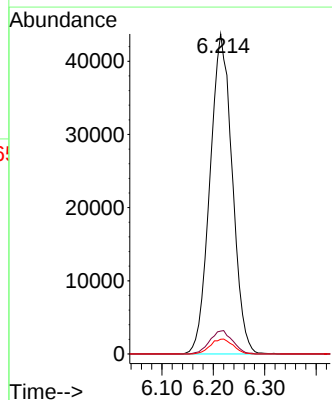
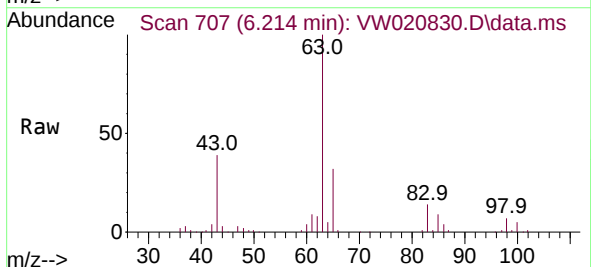
Manual Integrations
 APPROVED

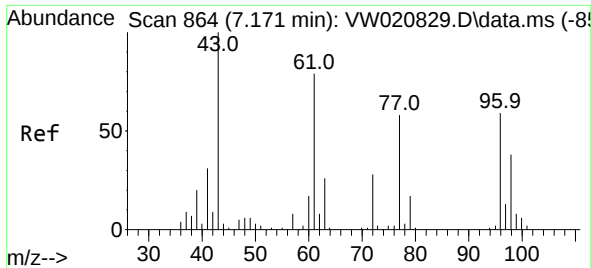
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 72.029 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020830.D
 Acq: 10 Nov 2021 12:26

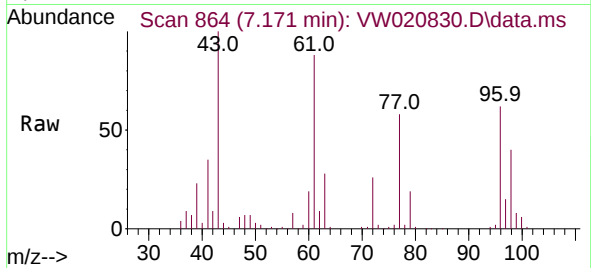
Tgt Ion: 63 Resp: 131847
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.2 9.6
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 415.573 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

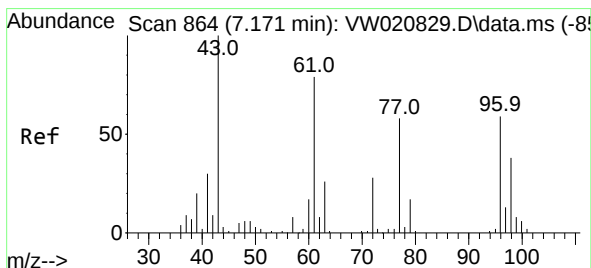
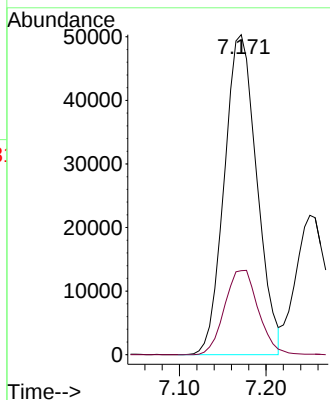
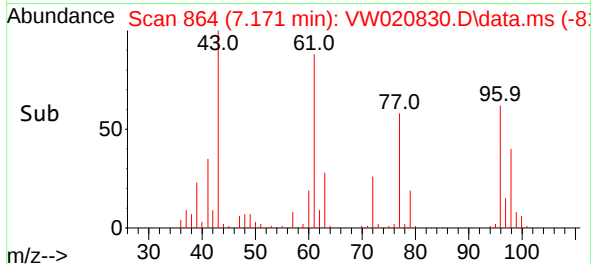
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



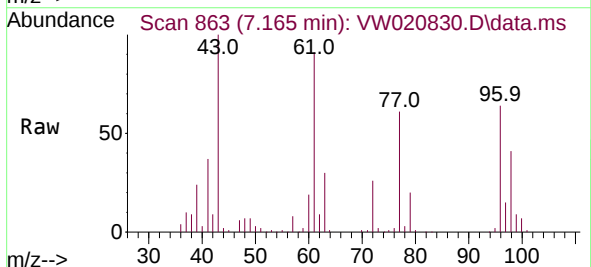
Tgt Ion: 43 Resp: 131410
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.0

Manual Integrations
APPROVED

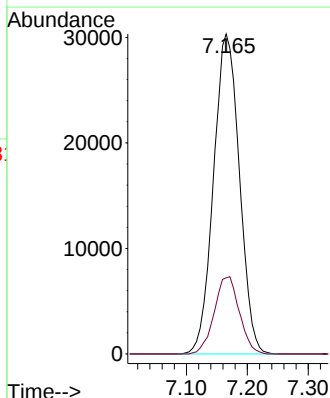
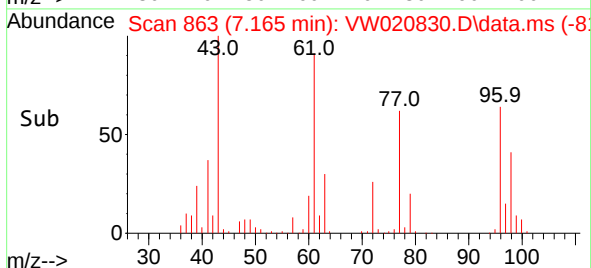
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

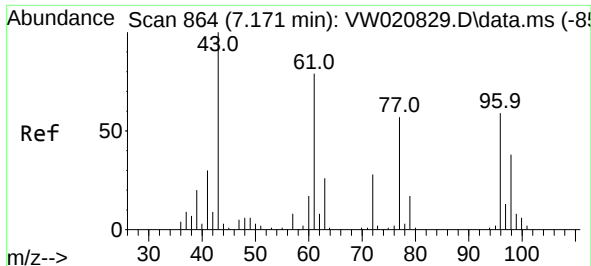


#26
2,2-Dichloropropane
Concen: 76.582 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



Tgt Ion: 77 Resp: 89324
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 77.821 ug/l

RT: 7.165 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 8481

Ion Ratio Lower Upper

96 100

61 141.3 0.0 298.0

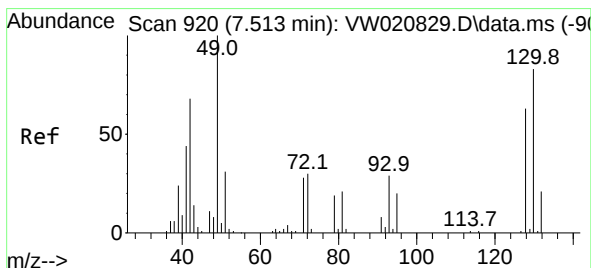
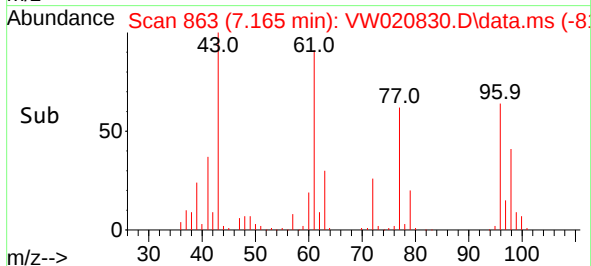
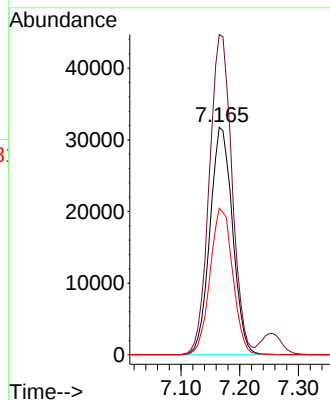
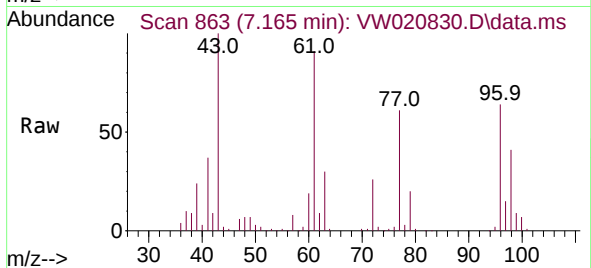
98 64.6 0.0 129.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 78.877 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

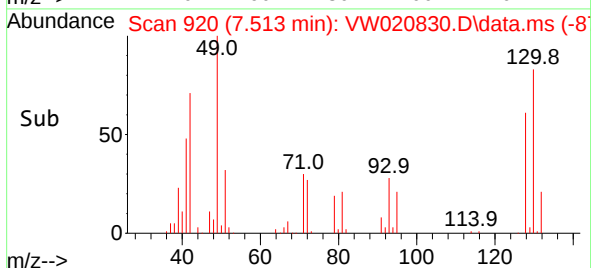
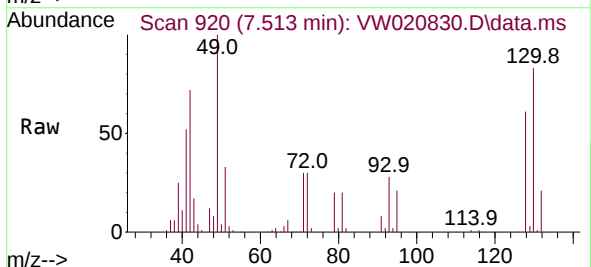
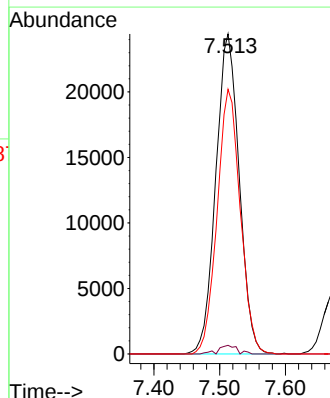
Tgt Ion: 49 Resp: 60502

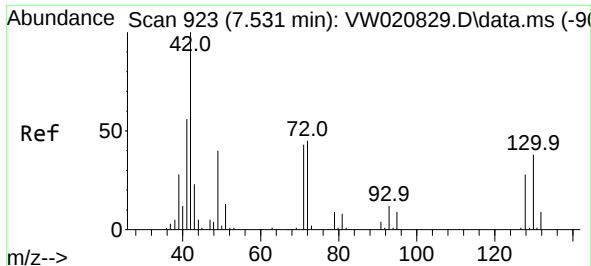
Ion Ratio Lower Upper

49 100

129 2.2 0.0 0.0#

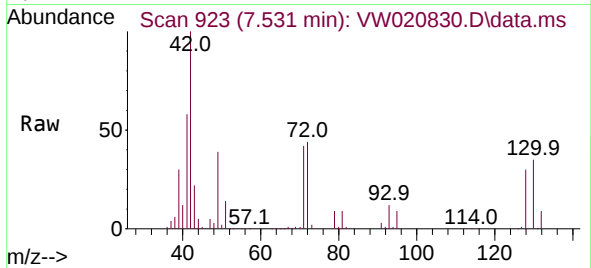
130 81.6 63.0 94.6





#29
Tetrahydrofuran
Concen: 425.957 ug/l
RT: 7.531 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

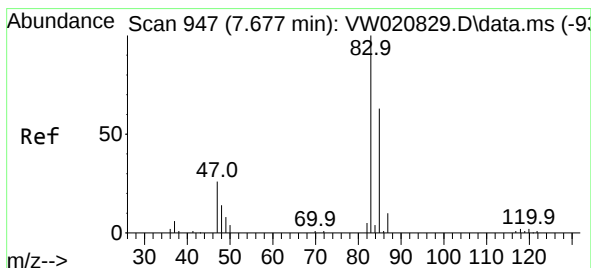
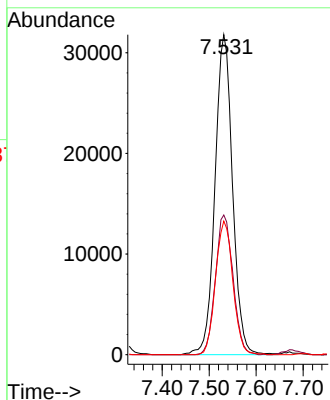
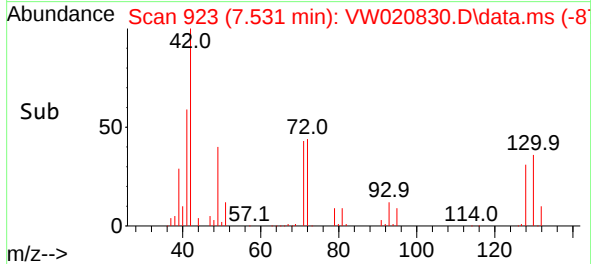
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 42 Resp: 82618
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.6
71 41.5 32.2 48.4

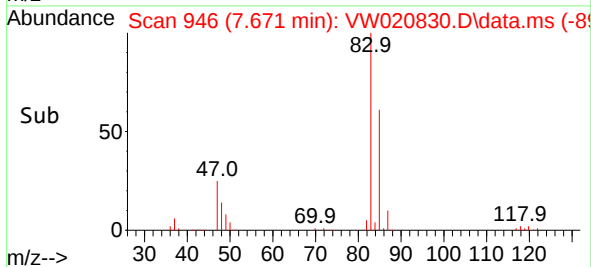
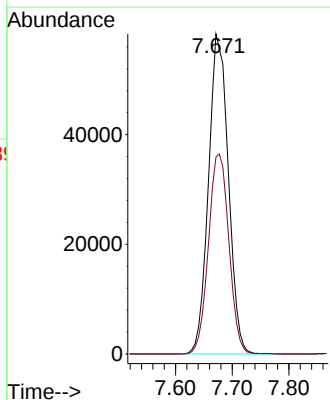
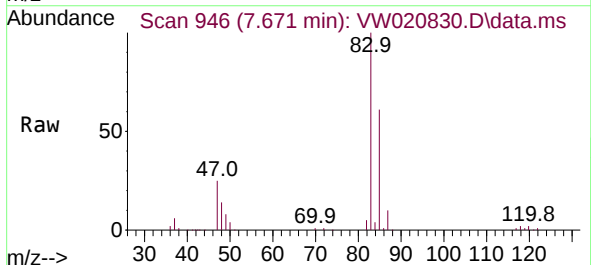
Manual Integrations
APPROVED

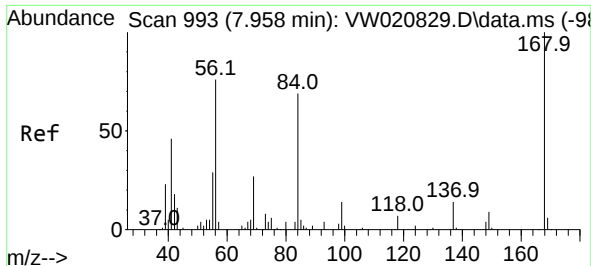
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Chloroform
Concen: 74.576 ug/l
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

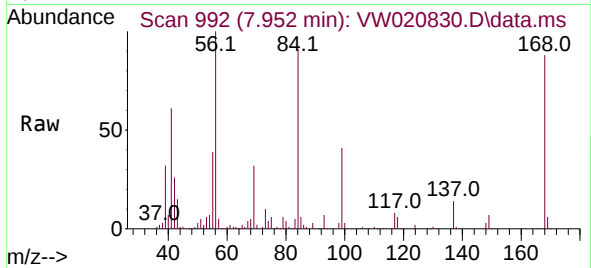
Tgt Ion: 83 Resp: 141764
Ion Ratio Lower Upper
83 100
85 61.5 52.9 79.3





#31
Cyclohexane
Concen: 72.531 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

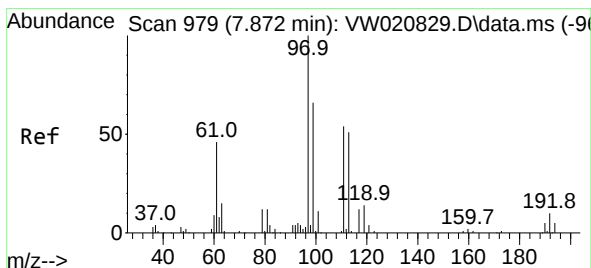
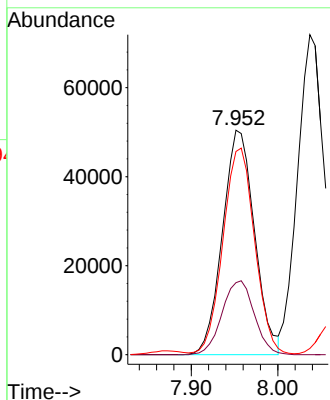
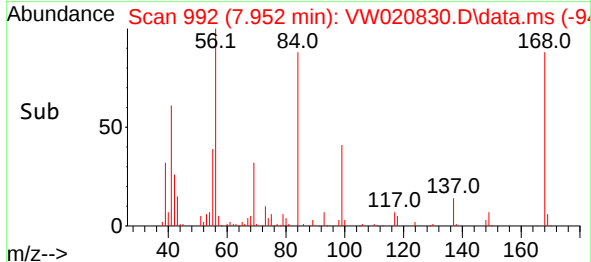
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 129700
Ion Ratio Lower Upper
56 100
69 32.1 27.2 40.8
84 89.2 71.8 107.6

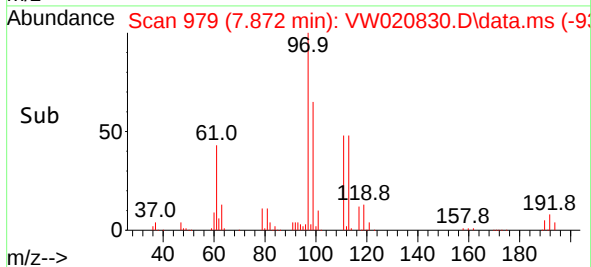
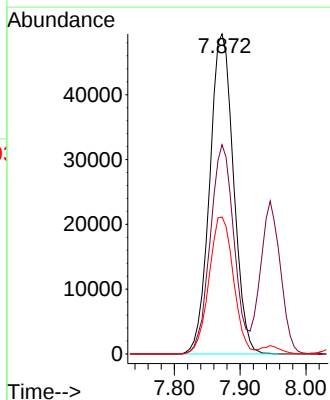
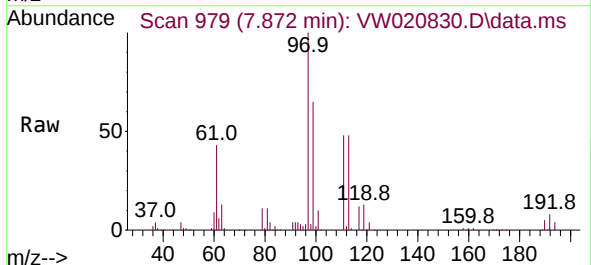
Manual Integrations
APPROVED

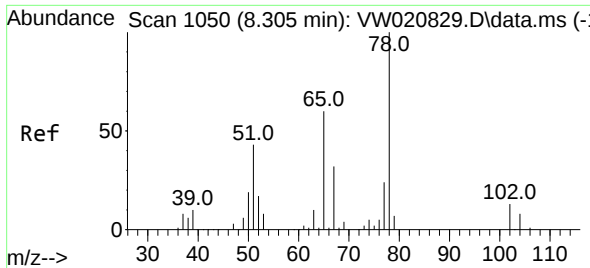
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 79.834 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 97 Resp: 124499
Ion Ratio Lower Upper
97 100
99 65.6 50.6 75.8
61 43.9 36.6 55.0





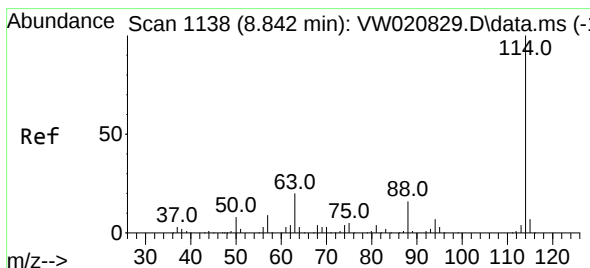
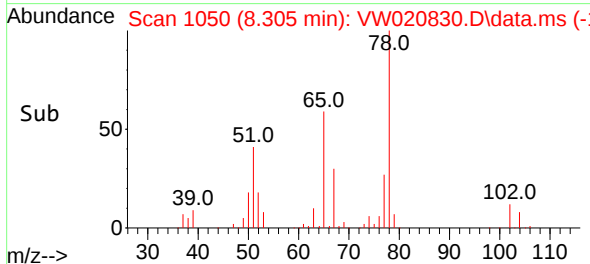
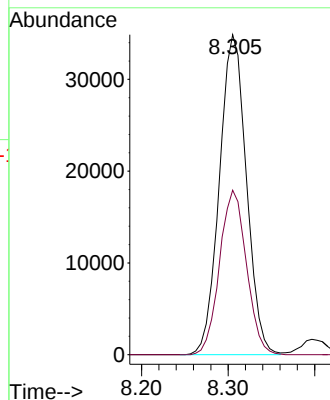
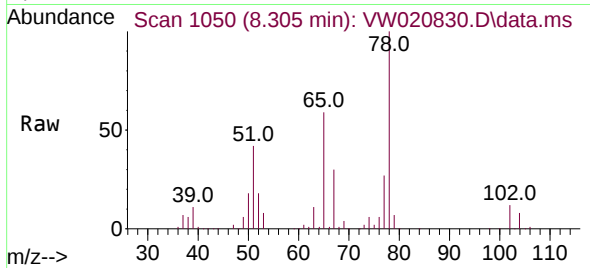
#33
1,2-Dichloroethane-d4
Concen: 70.689 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 75552
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

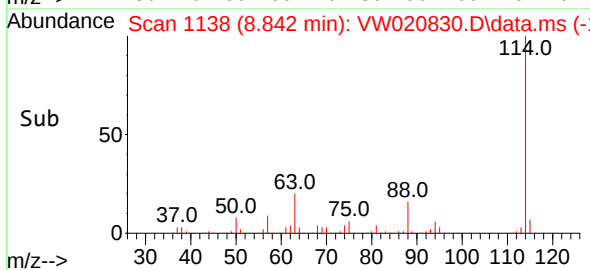
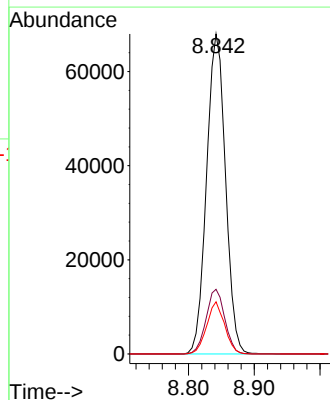
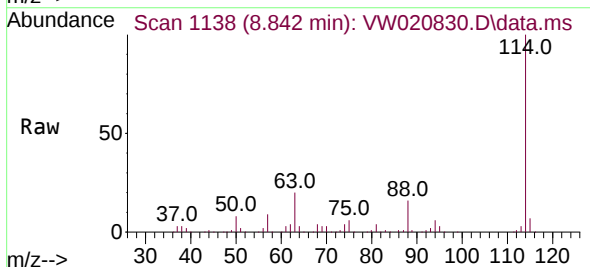
Manual Integrations
APPROVED

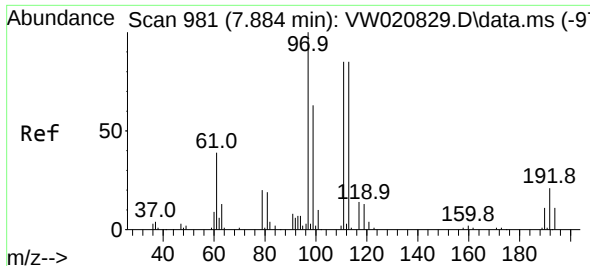
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

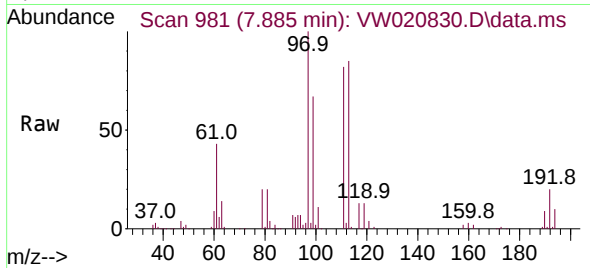
Tgt Ion:114 Resp: 136087
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 79.803 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

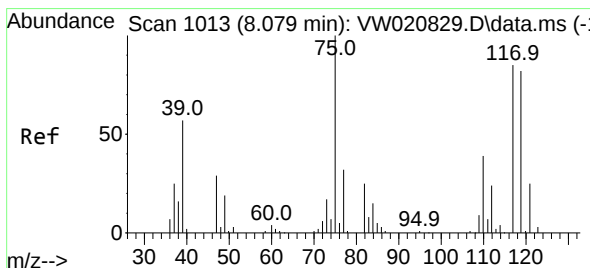
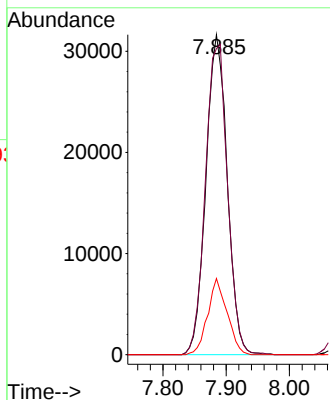
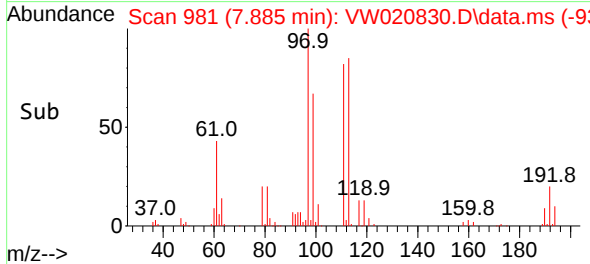
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



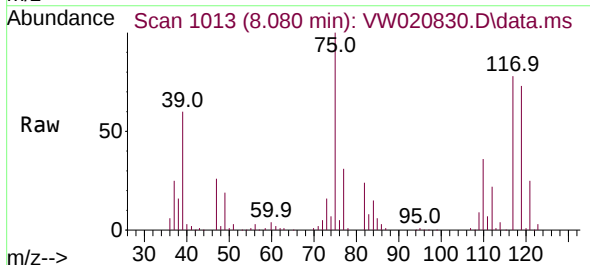
Tgt Ion: 113 Resp: 74104
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 21.7 17.8 26.8

Manual Integrations
APPROVED

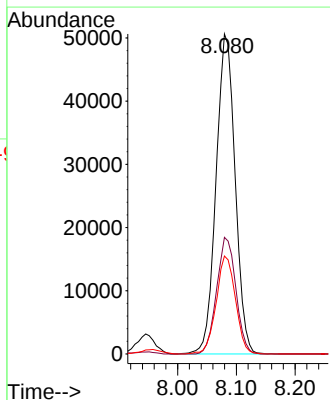
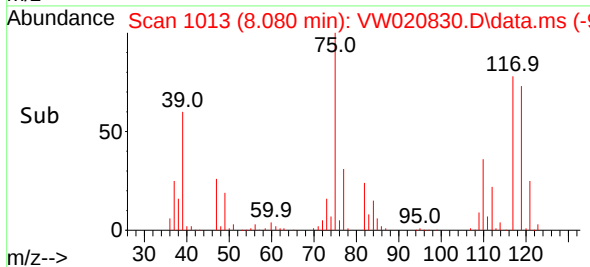
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

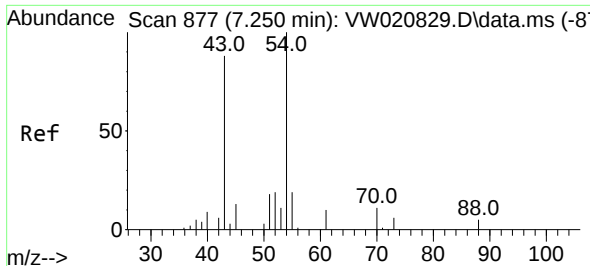


#36
1,1-Dichloropropene
Concen: 79.054 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



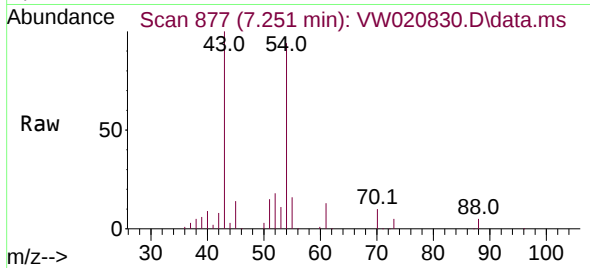
Tgt Ion: 75 Resp: 114215
Ion Ratio Lower Upper
75 100
110 36.6 17.1 51.3
77 30.9 24.9 37.3





#37
Ethyl Acetate
Concen: 85.346 ug/l
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

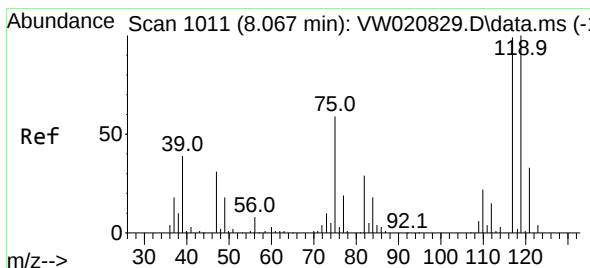
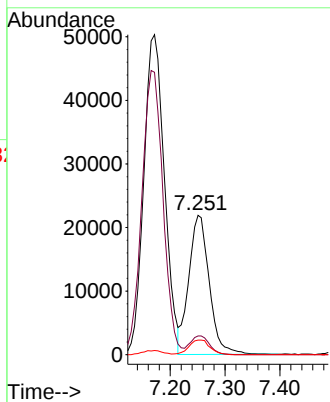
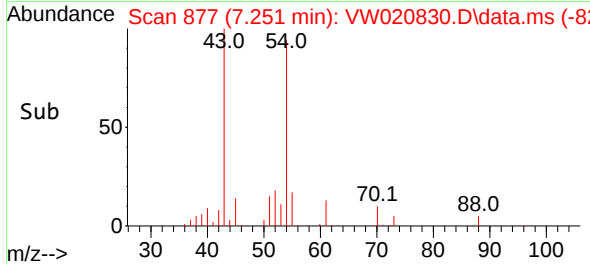
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 56872
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.8 8.8 13.2

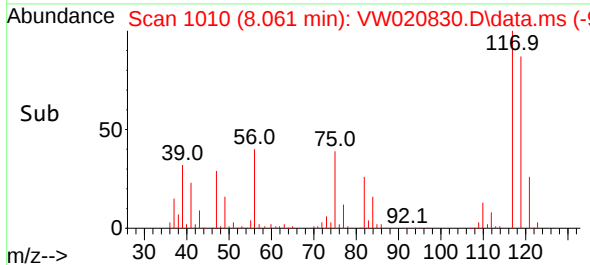
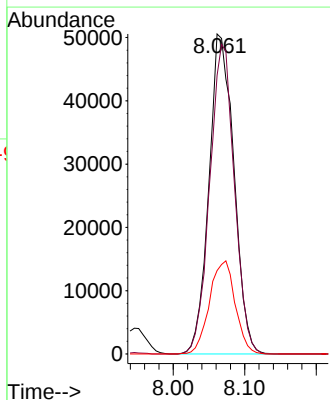
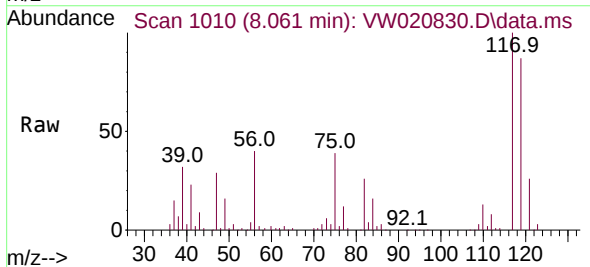
Manual Integrations
APPROVED

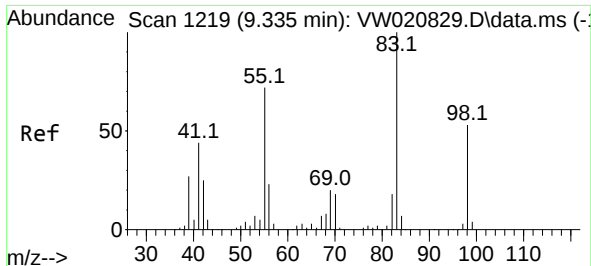
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 85.893 ug/l
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion:117 Resp: 122607
Ion Ratio Lower Upper
117 100
119 87.1 72.9 109.3
121 26.1 23.4 35.0





#39

Methylcyclohexane

Concen: 83.943 ug/l

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 143699

Ion Ratio Lower Upper

83 100

55 70.4 62.6 94.0

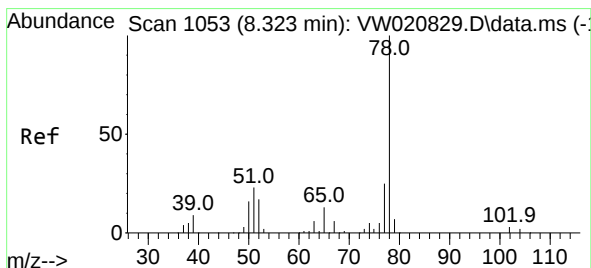
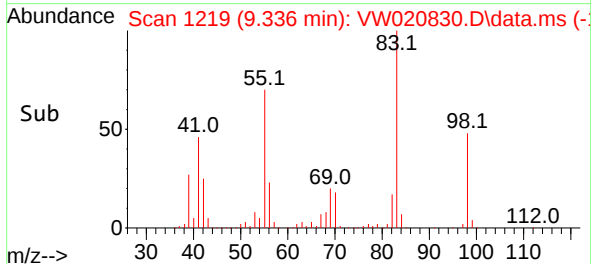
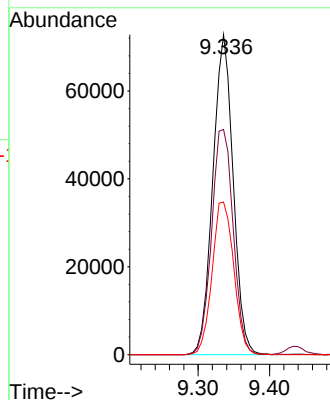
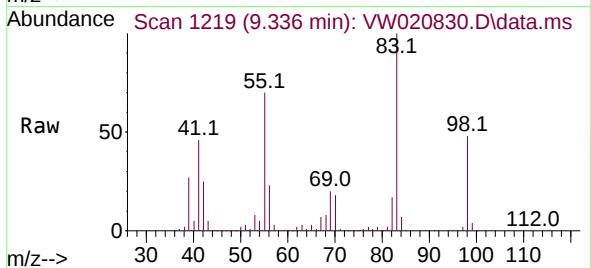
98 47.7 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 74.273 ug/l

RT: 8.324 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020830.D

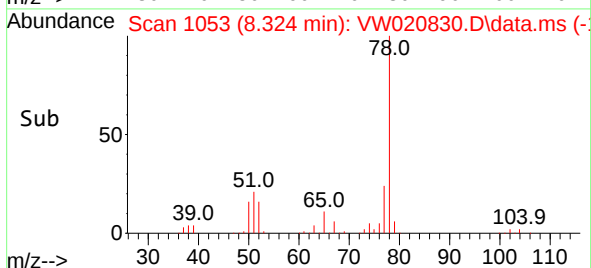
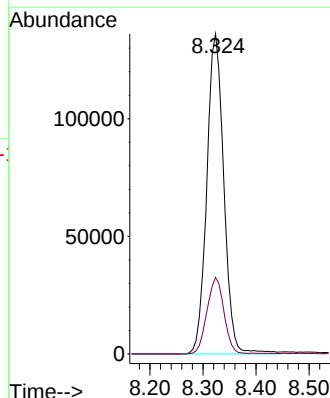
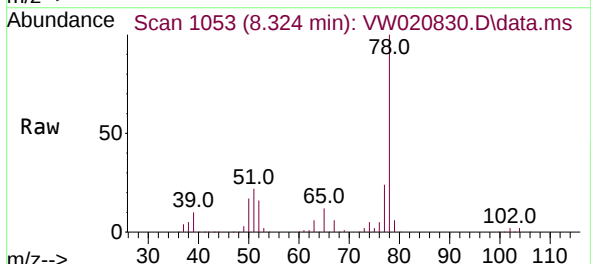
Acq: 10 Nov 2021 12:26

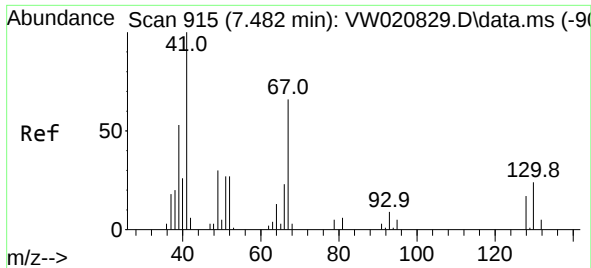
Tgt Ion: 78 Resp: 303501

Ion Ratio Lower Upper

78 100

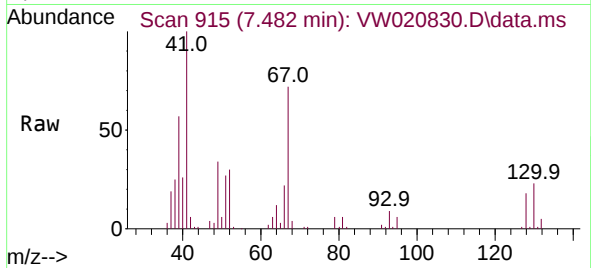
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 85.284 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

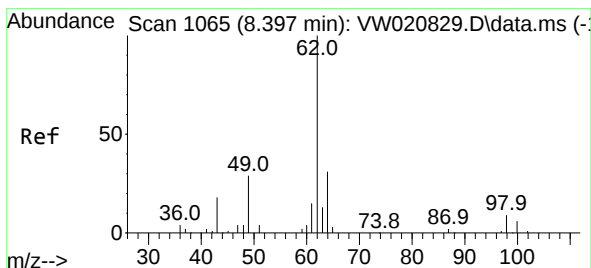
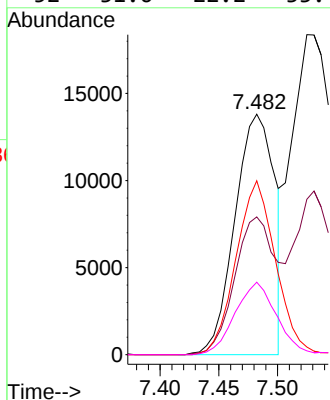
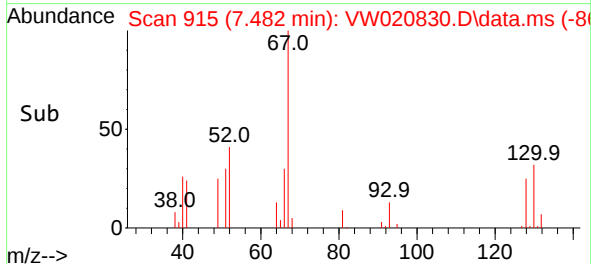
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



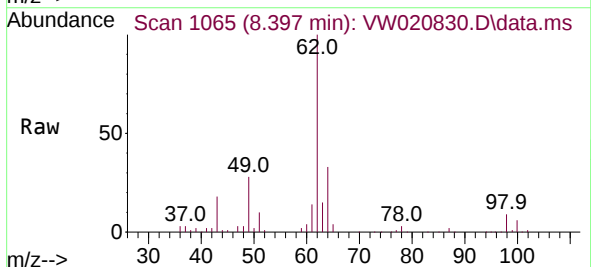
Tgt Ion: 41 Resp: 32530
Ion Ratio Lower Upper
41 100
39 62.6 44.3 66.5
67 72.0 50.9 76.3
52 31.6 22.2 33.4

Manual Integrations
APPROVED

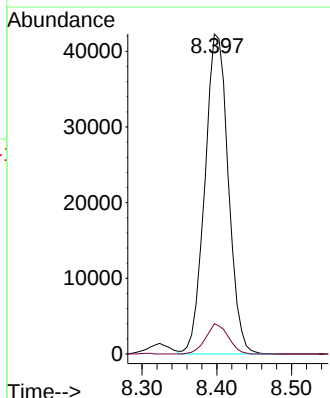
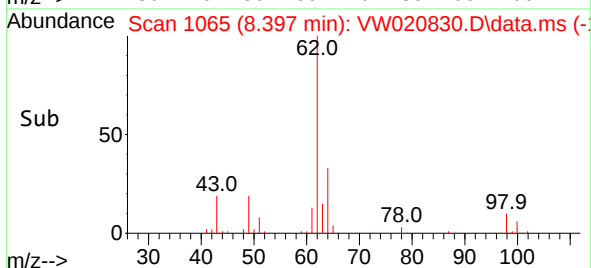
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

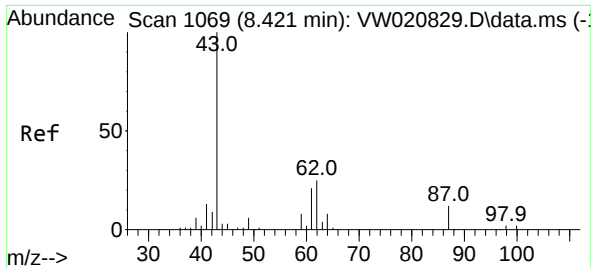


#42
1,2-Dichloroethane
Concen: 73.110 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



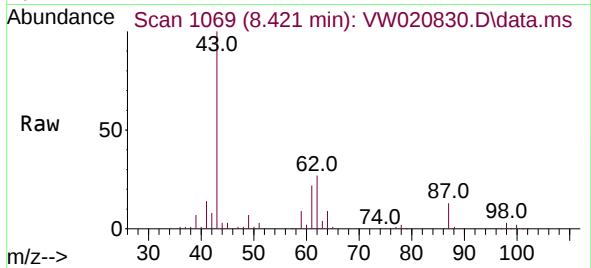
Tgt Ion: 62 Resp: 92386
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8





#43
Isopropyl Acetate
Concen: 86.311 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

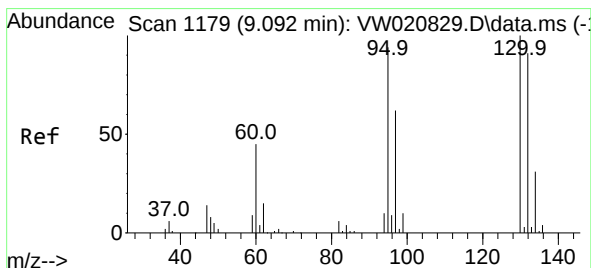
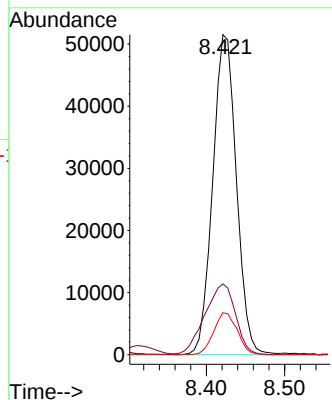
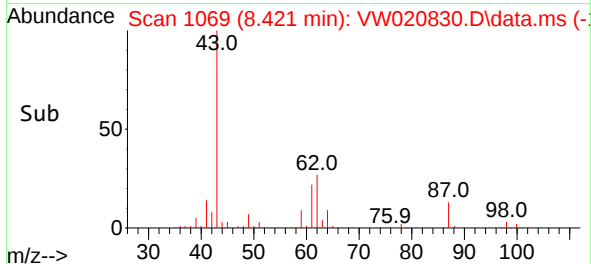
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 108274
Ion Ratio Lower Upper
43 100
61 28.6 23.3 34.9
87 13.0 10.4 15.6

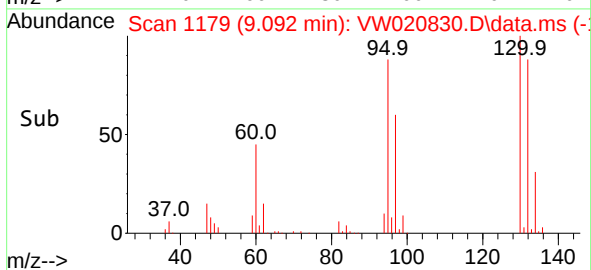
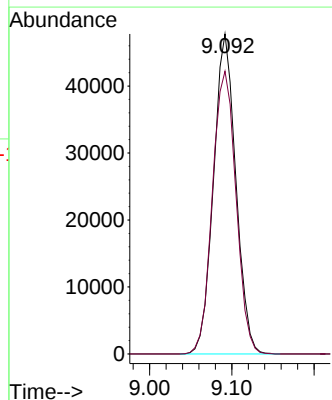
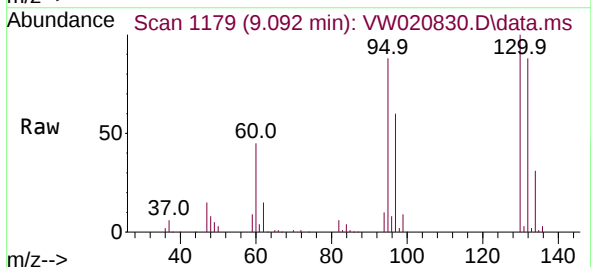
Manual Integrations
APPROVED

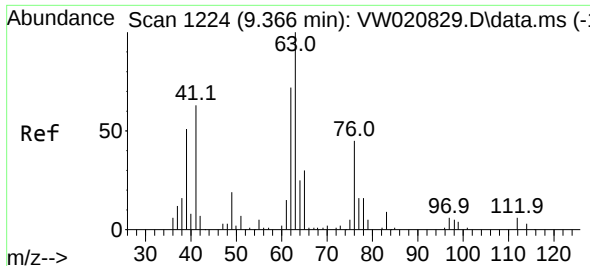
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 82.700 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

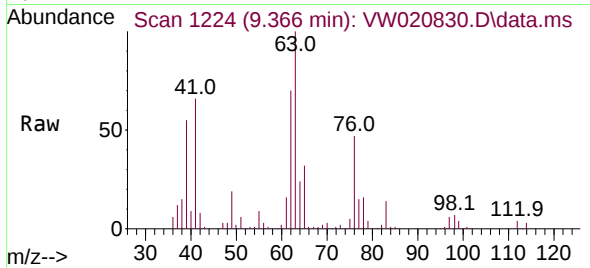
Tgt Ion:130 Resp: 90098
Ion Ratio Lower Upper
130 100
95 88.3 0.0 189.2





#45
1,2-Dichloropropane
Concen: 72.670 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

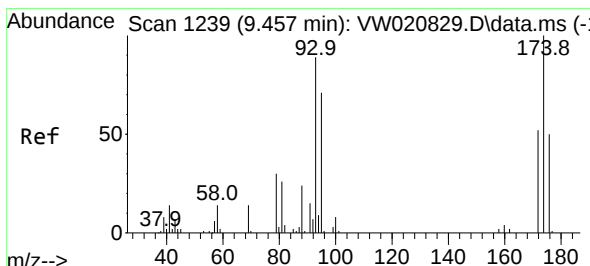
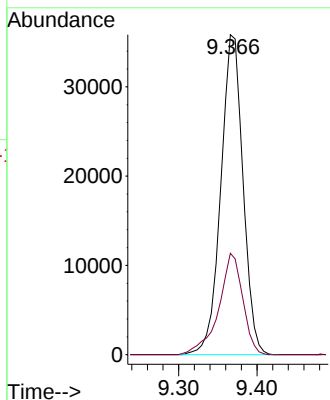
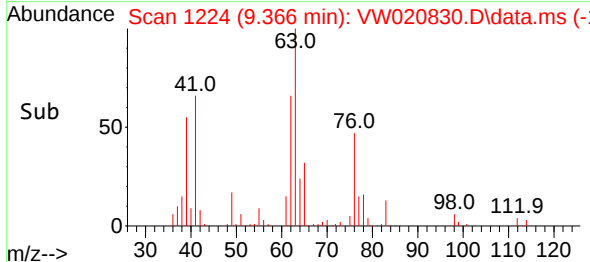
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 70600
Ion Ratio Lower Upper
63 100
65 31.7 23.7 35.5

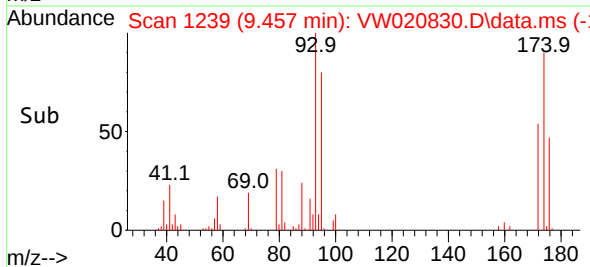
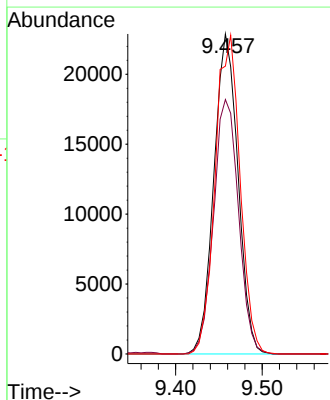
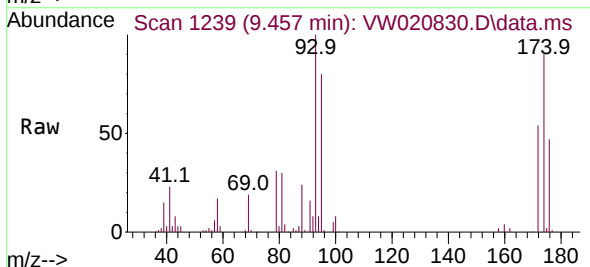
Manual Integrations
APPROVED

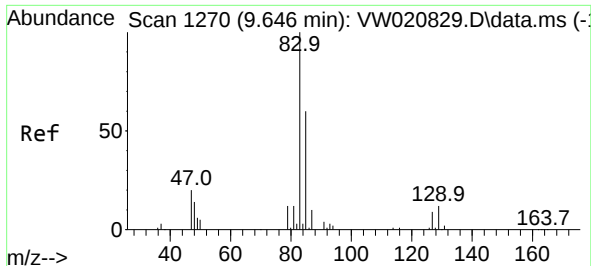
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#46
Dibromomethane
Concen: 81.296 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 93 Resp: 44131
Ion Ratio Lower Upper
93 100
95 82.5 67.0 100.4
174 103.0 88.9 133.3





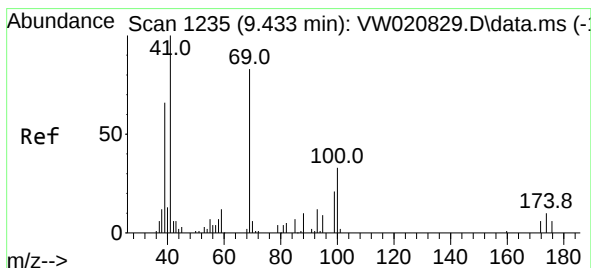
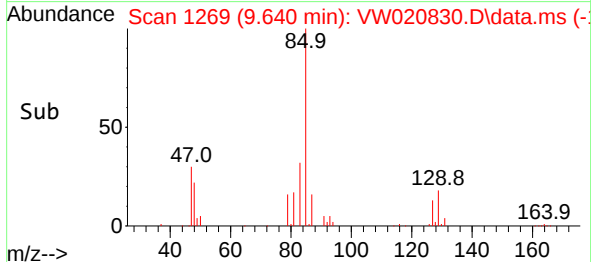
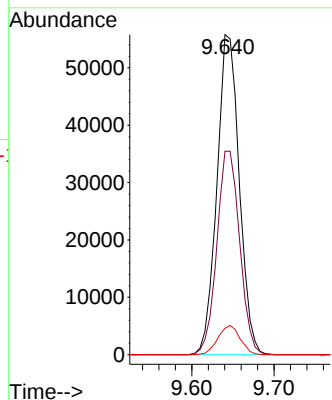
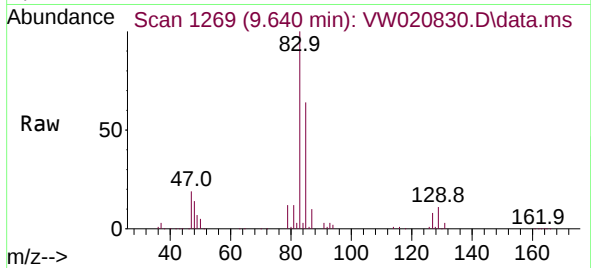
#47
Bromodichloromethane
Concen: 77.632 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 10540
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6
127 8.3 7.0 10.4

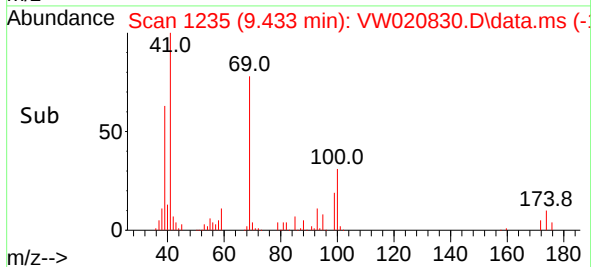
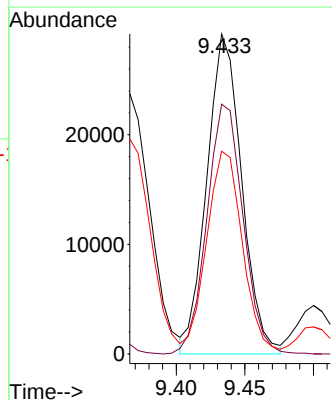
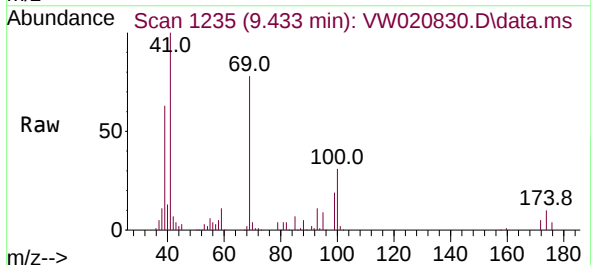
Manual Integrations
APPROVED

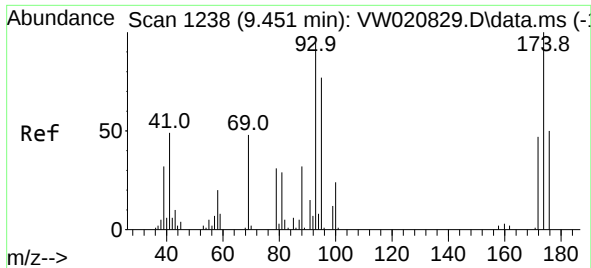
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 86.969 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 41 Resp: 51666
Ion Ratio Lower Upper
41 100
69 80.9 67.2 100.8
39 61.8 47.0 70.6





#49

1,4-Dioxane

Concen: 1738.635 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 12279

Ion Ratio Lower Upper

88 100

43 32.0 28.8 43.2

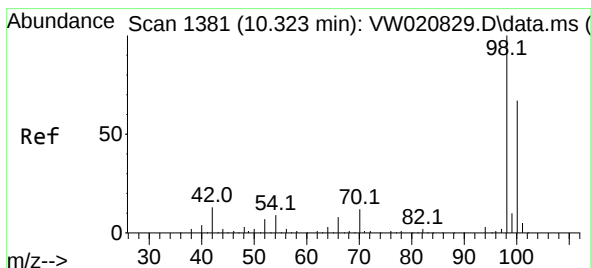
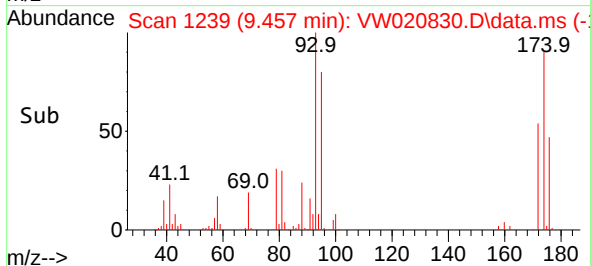
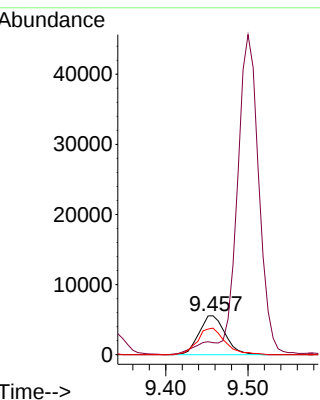
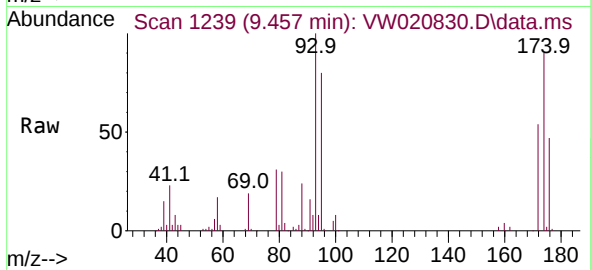
58 72.0 59.6 89.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 82.737 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020830.D

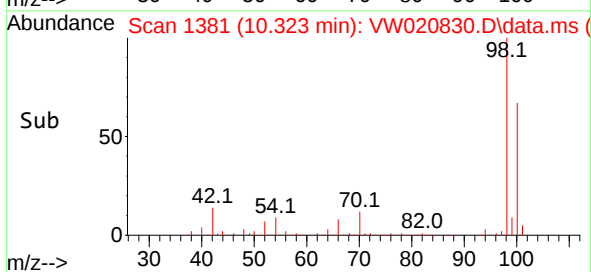
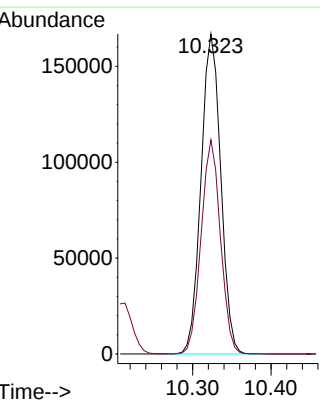
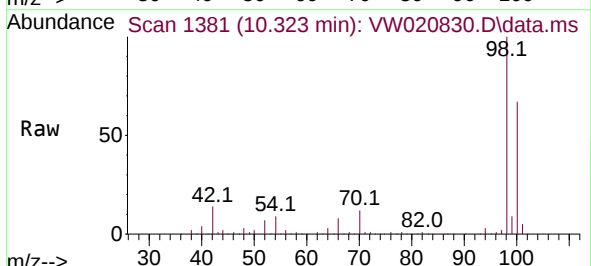
Acq: 10 Nov 2021 12:26

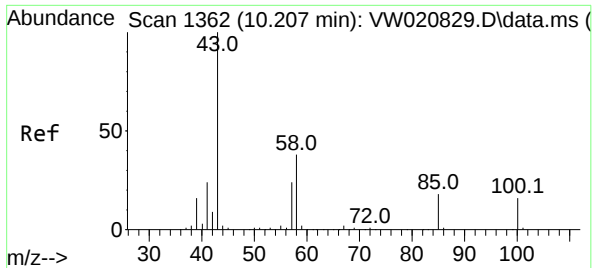
Tgt Ion: 98 Resp: 292190

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8





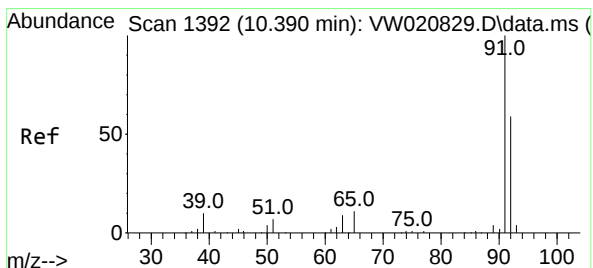
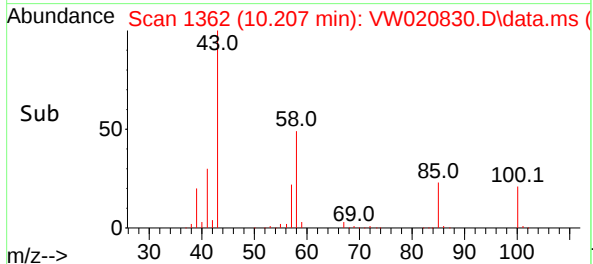
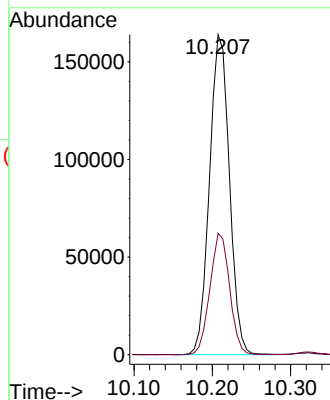
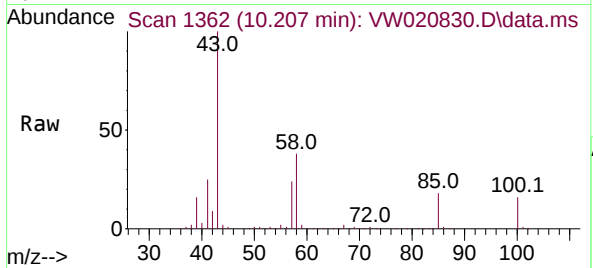
#51
4-Methyl-2-Pentanone
Concen: 436.051 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 289540
Ion Ratio Lower Upper
43 100
58 37.5 30.6 46.0

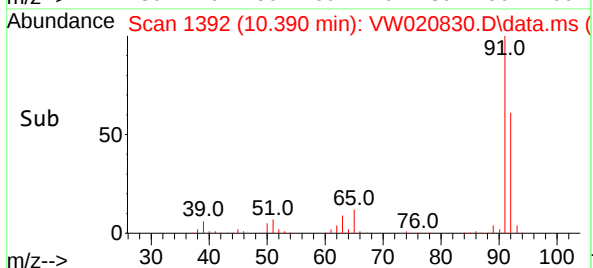
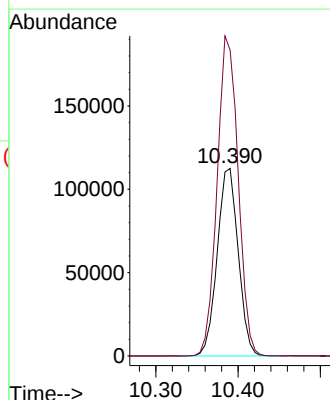
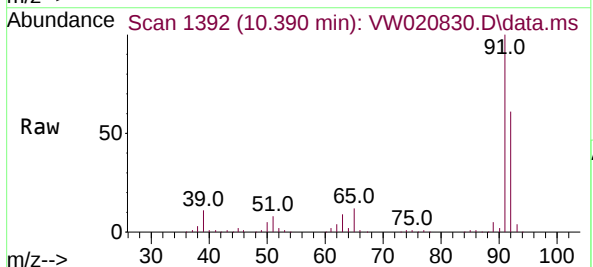
Manual Integrations
APPROVED

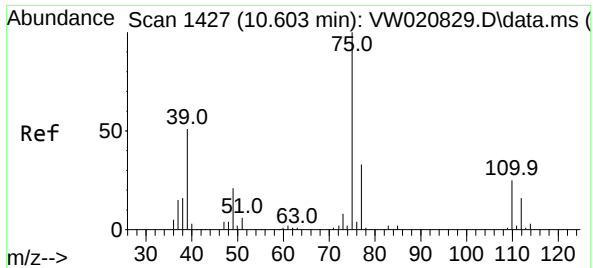
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 78.687 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 92 Resp: 199994
Ion Ratio Lower Upper
92 100
91 170.8 136.6 204.8





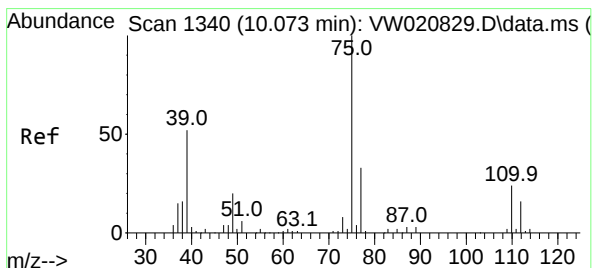
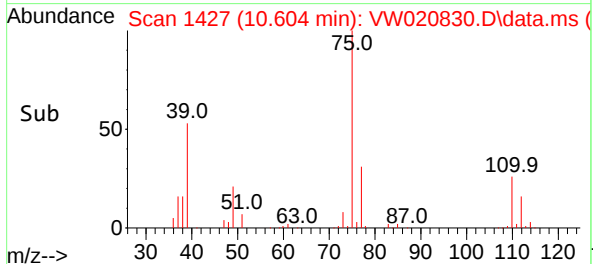
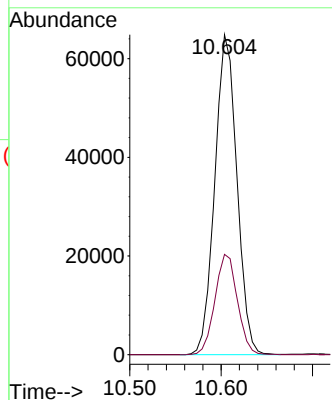
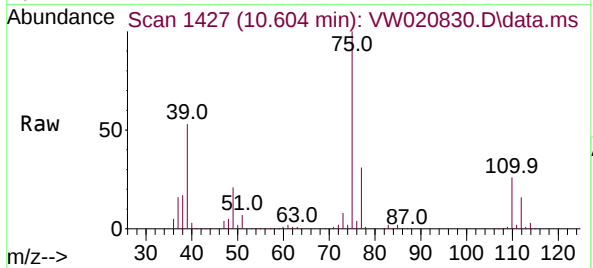
#53
t-1,3-Dichloropropene
Concen: 80.007 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 10903
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0

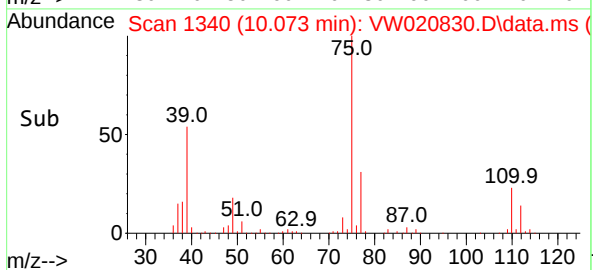
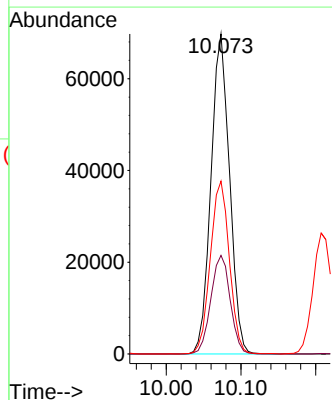
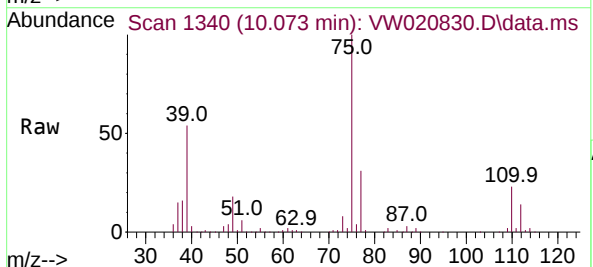
Manual Integrations
APPROVED

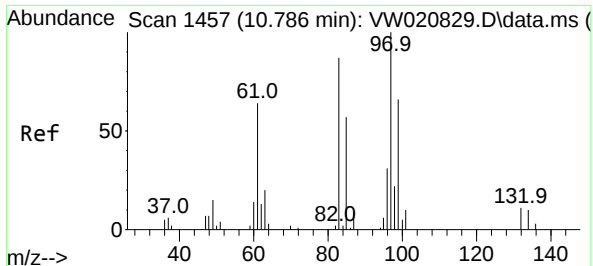
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 77.696 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 75 Resp: 120700
Ion Ratio Lower Upper
75 100
77 30.8 23.8 35.8
39 54.0 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 79.114 ug/l

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 5934

Ion Ratio Lower Upper

97 100

83 80.3 69.0 103.4

85 49.1 44.3 66.5

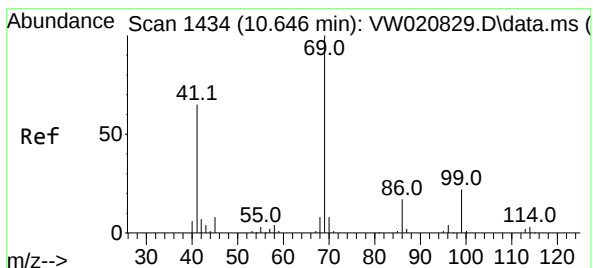
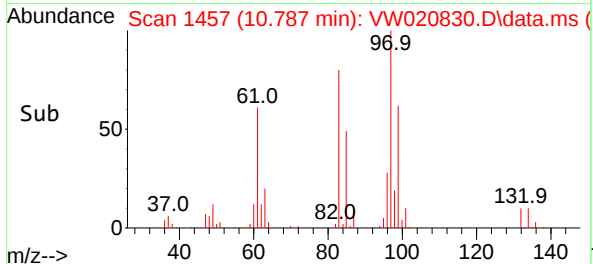
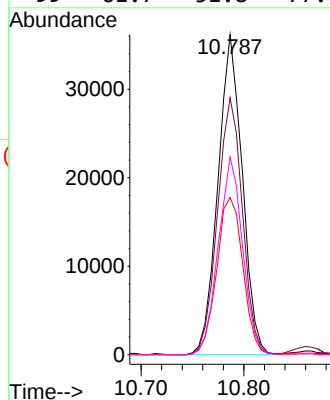
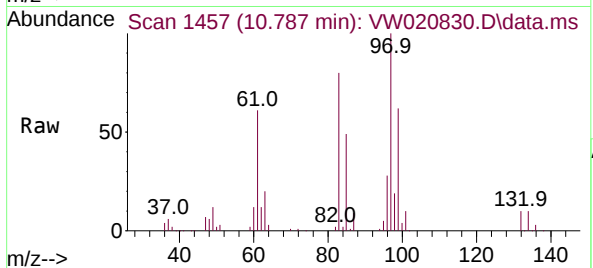
99 61.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#56

Ethyl methacrylate

Concen: 84.049 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

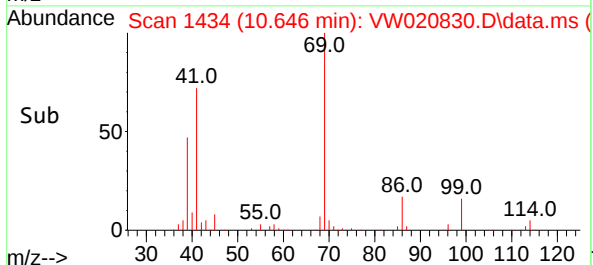
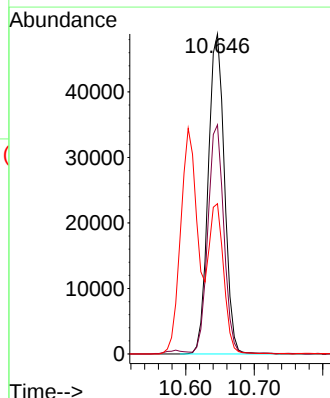
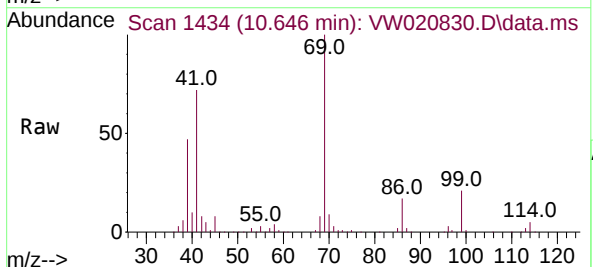
Tgt Ion: 69 Resp: 80541

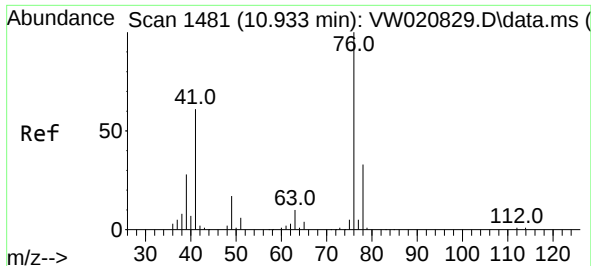
Ion Ratio Lower Upper

69 100

41 70.3 56.6 85.0

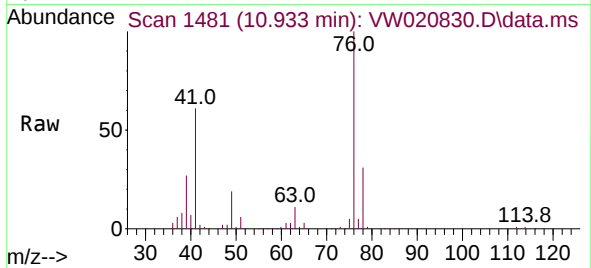
39 42.0 29.6 44.4





#57
1,3-Dichloropropane
Concen: 75.382 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

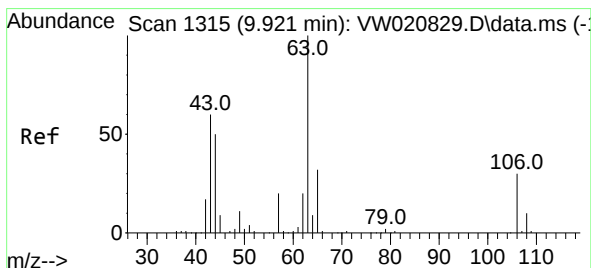
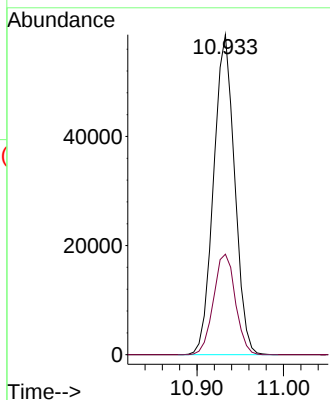
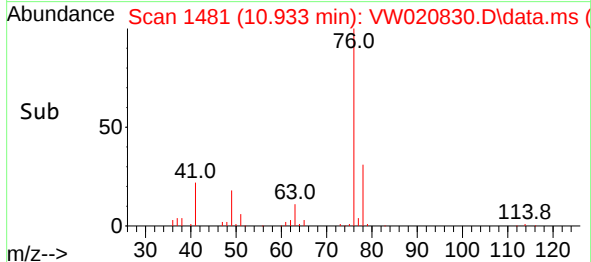
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 98852
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

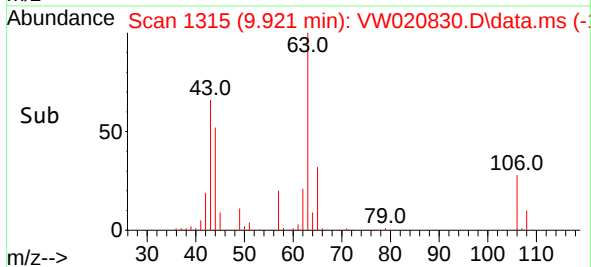
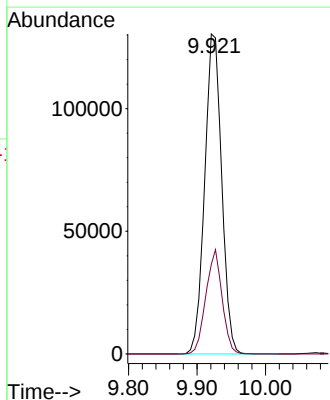
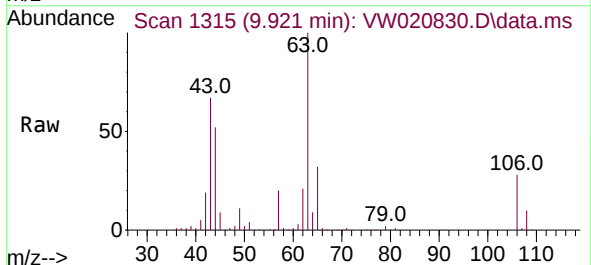
Manual Integrations
APPROVED

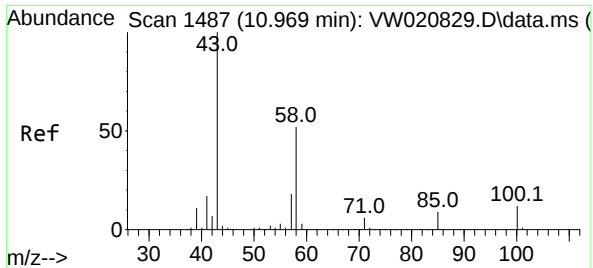
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
2-Chloroethyl Vinyl ether
Concen: 495.705 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

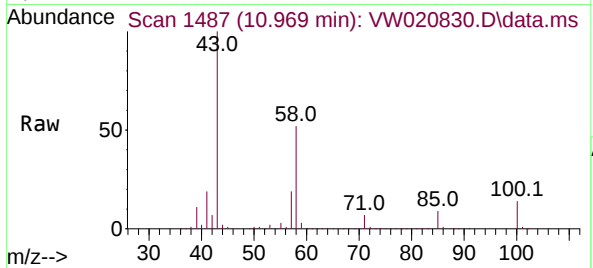
Tgt Ion: 63 Resp: 225486
Ion Ratio Lower Upper
63 100
106 31.0 23.0 34.6





#59
2-Hexanone
Concen: 440.250 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

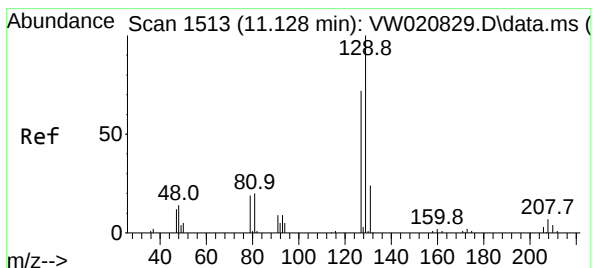
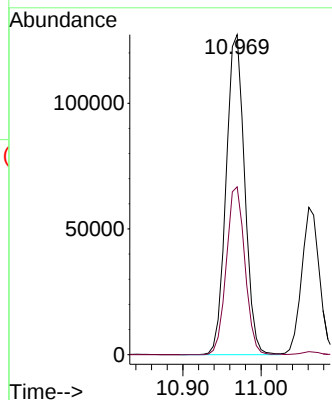
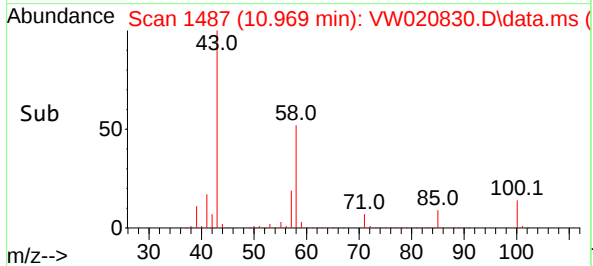
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 20911
Ion Ratio Lower Upper
43 100
58 52.6 26.4 79.2

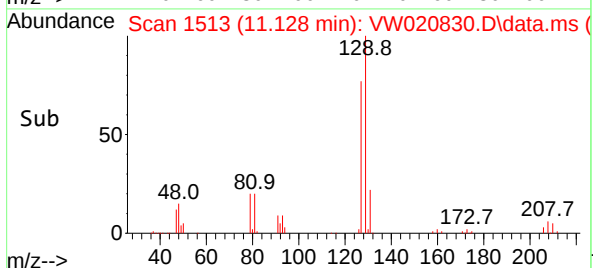
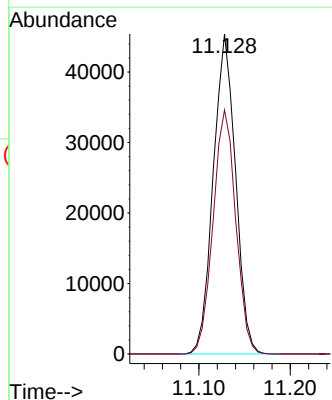
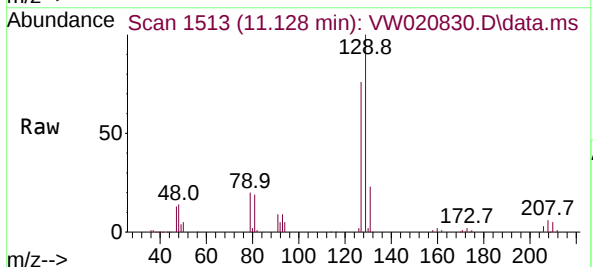
Manual Integrations
APPROVED

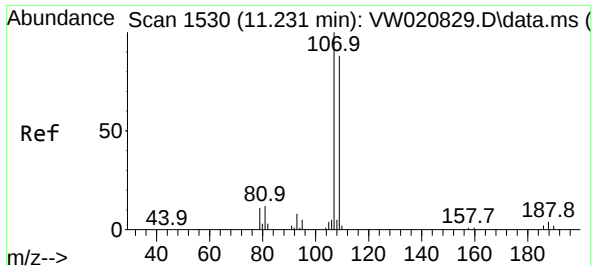
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 85.005 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion:129 Resp: 76750
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





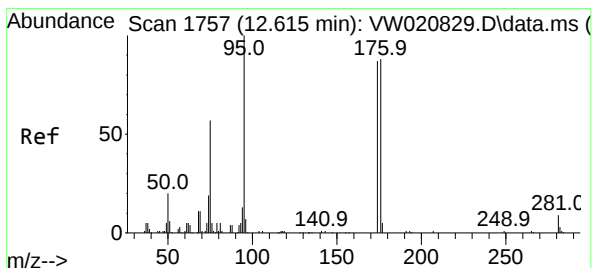
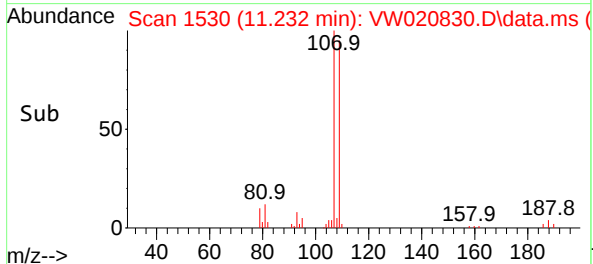
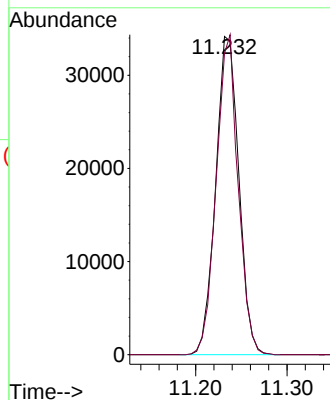
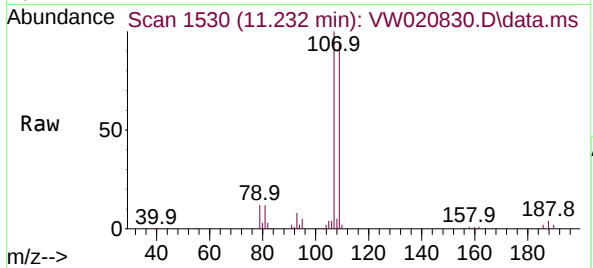
#61
1,2-Dibromoethane
Concen: 82.998 ug/l
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 60082
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

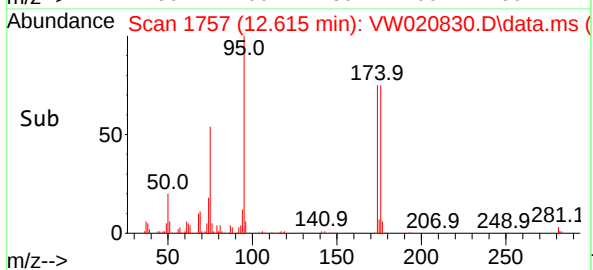
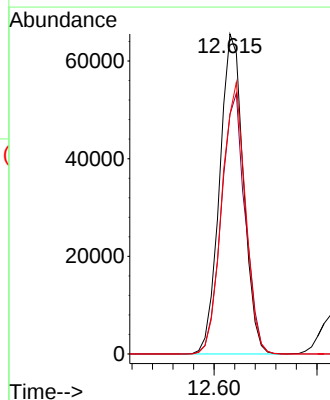
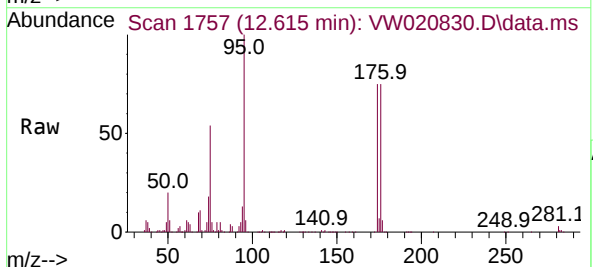
Manual Integrations
APPROVED

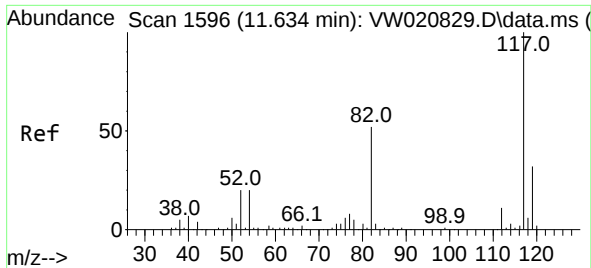
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 80.576 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 95 Resp: 105175
Ion Ratio Lower Upper
95 100
174 81.4 0.0 166.4
176 83.8 0.0 159.8





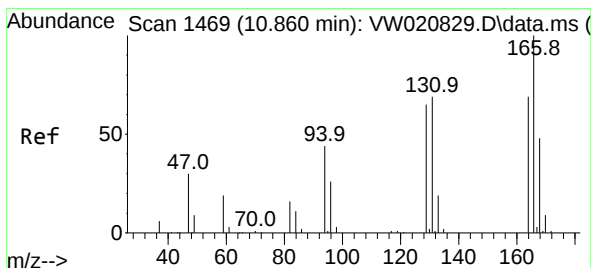
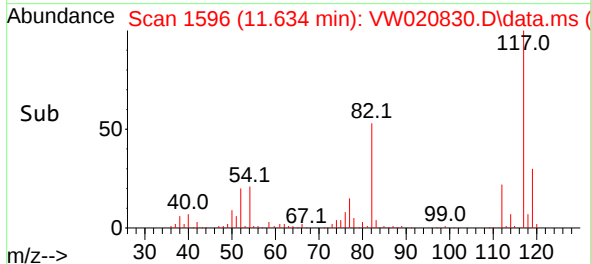
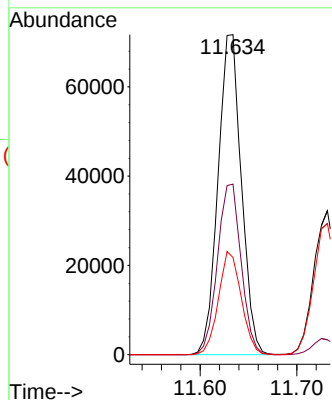
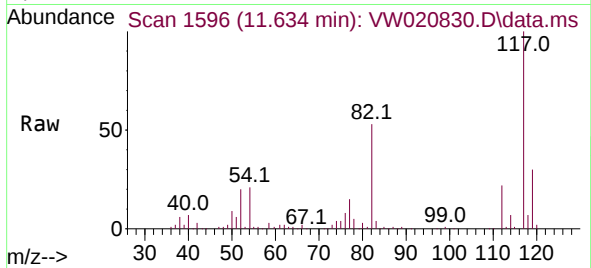
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 120070
Ion Ratio Lower Upper
117 100
82 53.3 45.6 68.4
119 30.3 25.0 37.4

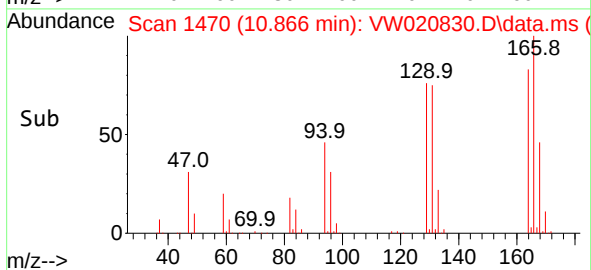
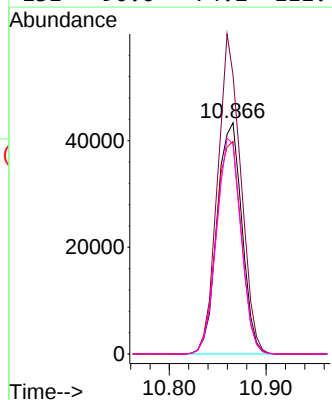
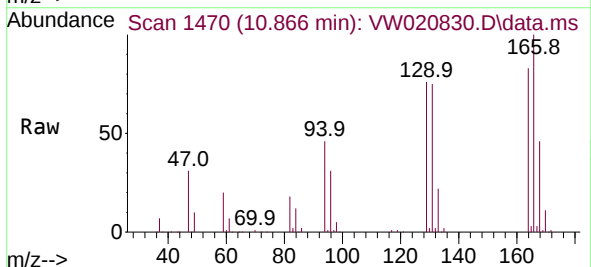
Manual Integrations
APPROVED

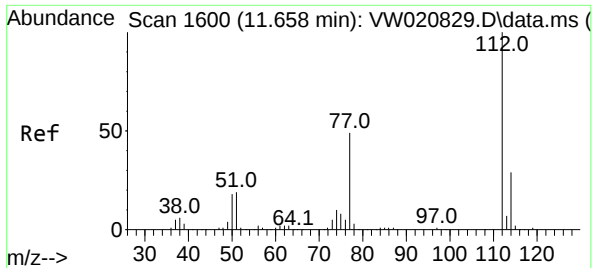
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 83.960 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion:164 Resp: 77241
Ion Ratio Lower Upper
164 100
166 120.7 110.2 165.4
129 91.9 74.4 111.6
131 90.6 74.2 111.4





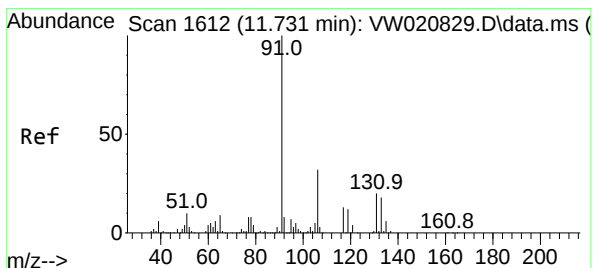
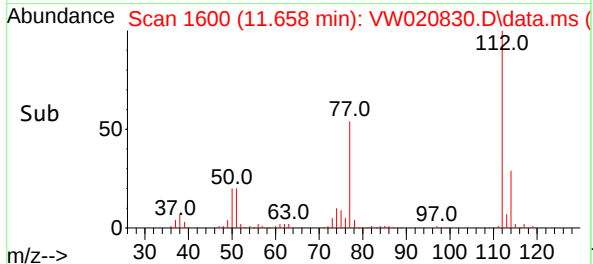
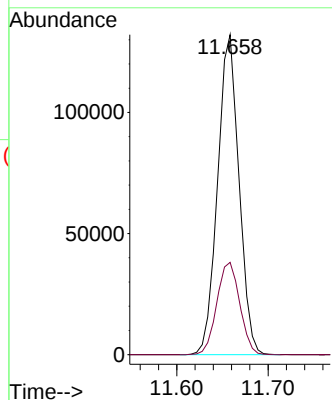
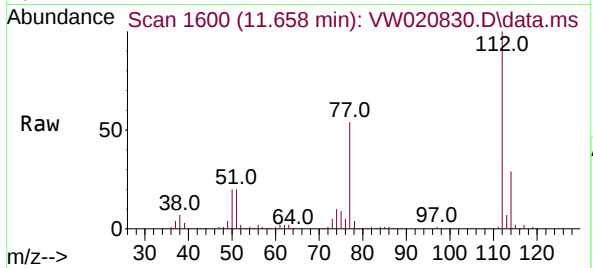
#65
Chlorobenzene
Concen: 81.479 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 21466
Ion Ratio Lower Upper
112 100
114 28.9 27.0 40.6

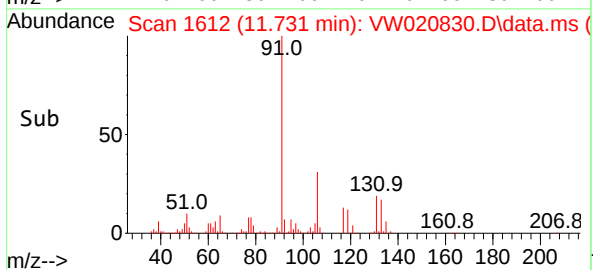
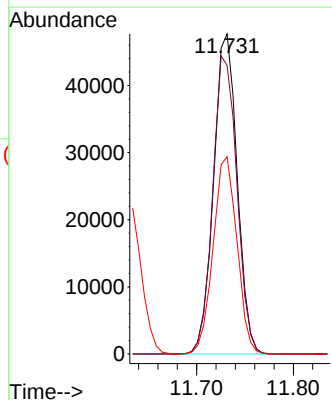
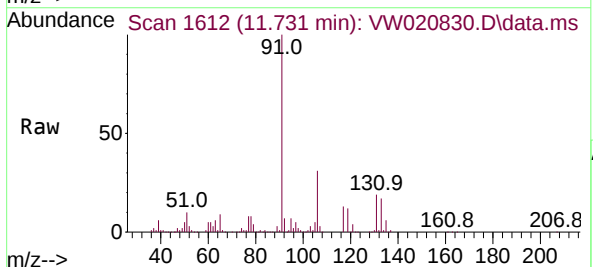
Manual Integrations
APPROVED

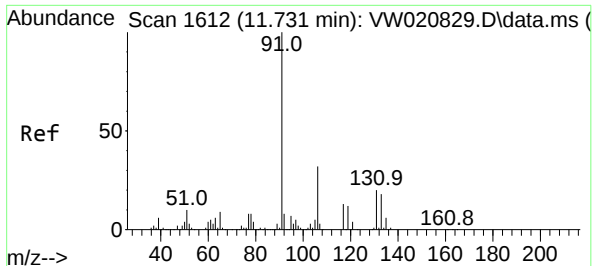
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 85.065 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion:131 Resp: 80637
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 62.3 31.6 95.0





#67

Ethyl Benzene

Concen: 84.019 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 397680

Ion Ratio Lower Upper

91 100

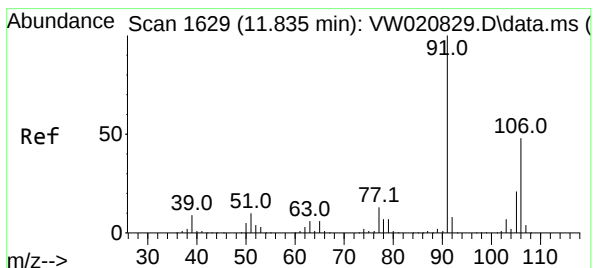
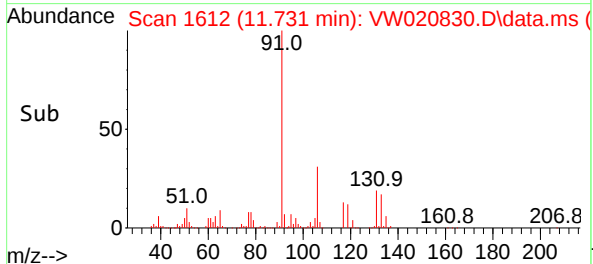
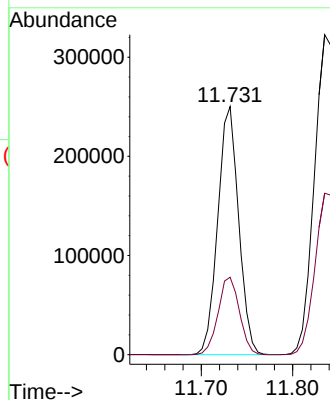
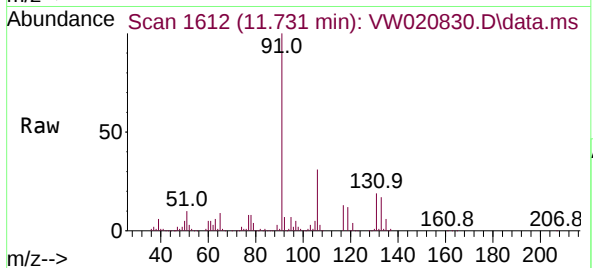
106 31.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

m/p-Xylenes

Concen: 169.982 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW020830.D

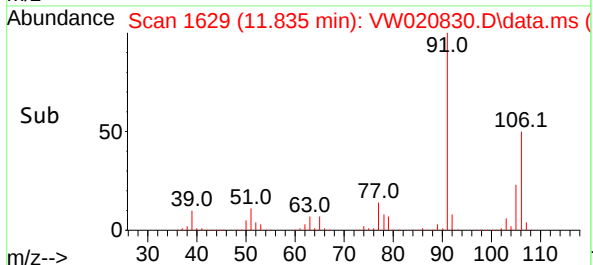
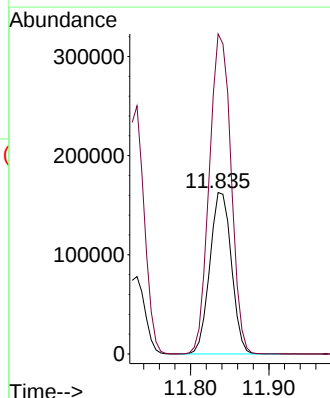
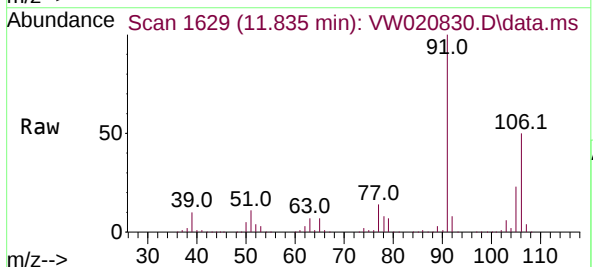
Acq: 10 Nov 2021 12:26

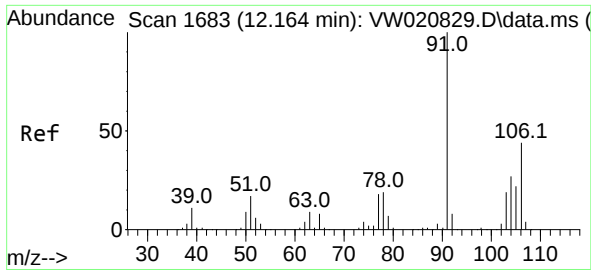
Tgt Ion:106 Resp: 311788

Ion Ratio Lower Upper

106 100

91 199.7 166.4 249.6





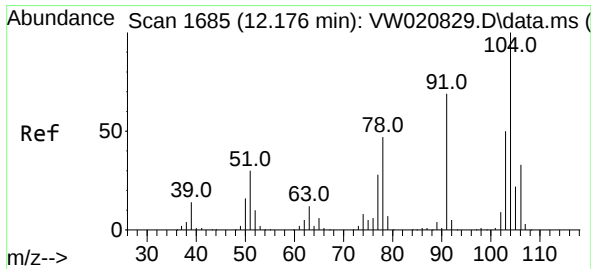
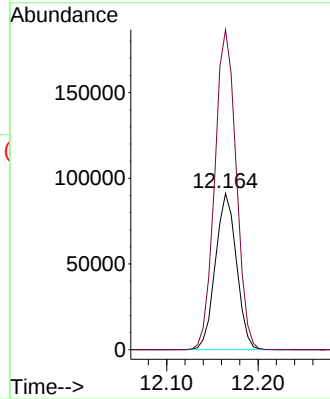
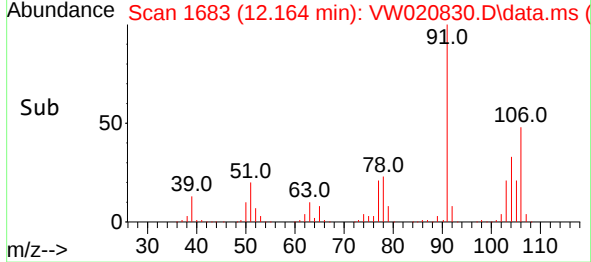
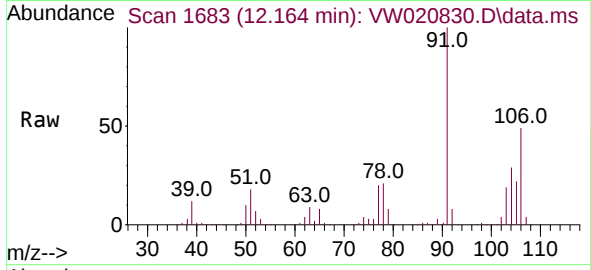
#69
o-Xylene
Concen: 86.504 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 14613
Ion Ratio Lower Upper
106 100
91 208.2 110.9 332.6

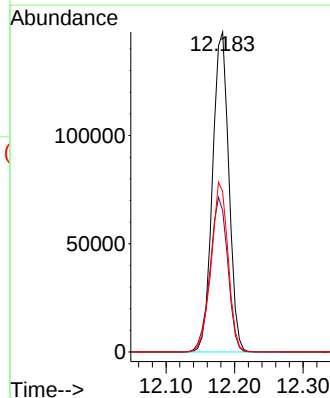
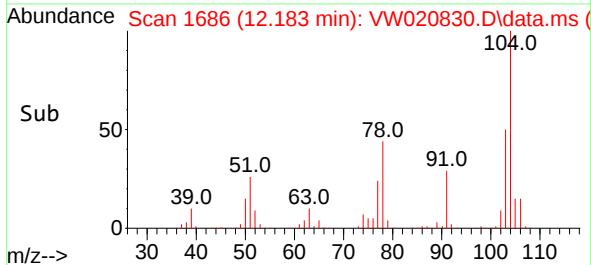
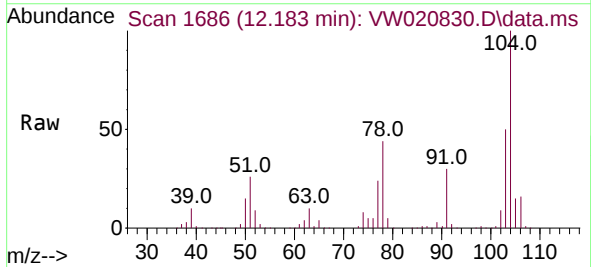
Manual Integrations
APPROVED

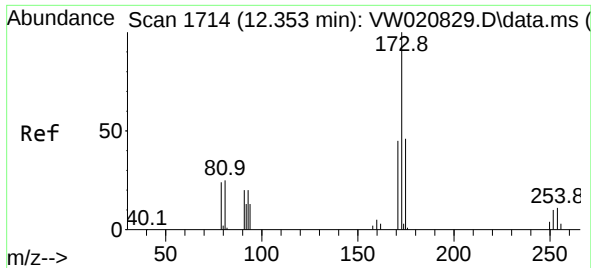
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 83.456 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion:104 Resp: 244013
Ion Ratio Lower Upper
104 100
78 52.5 41.4 62.0
103 55.1 43.3 64.9





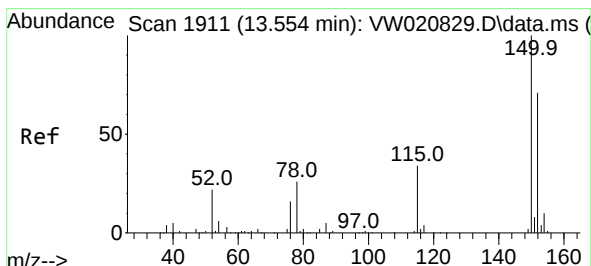
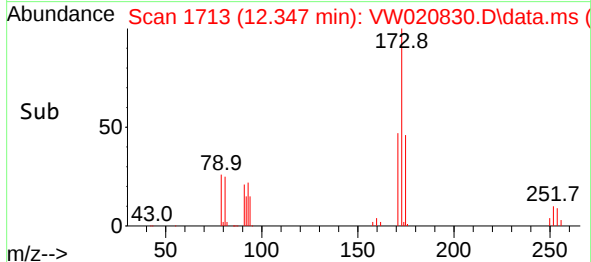
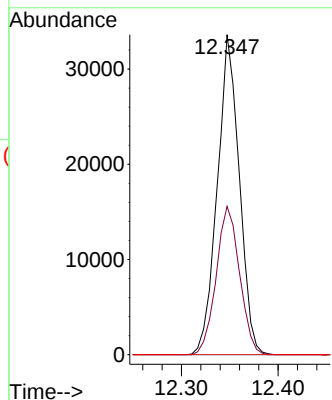
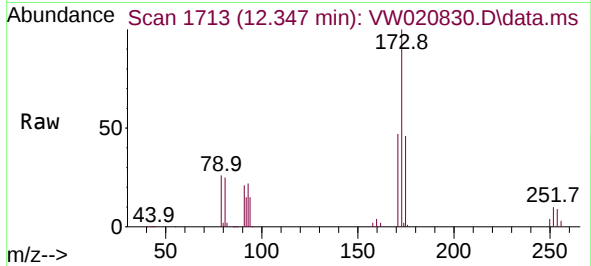
#71
Bromoform
Concen: 97.237 ug/l
RT: 12.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 53040
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0

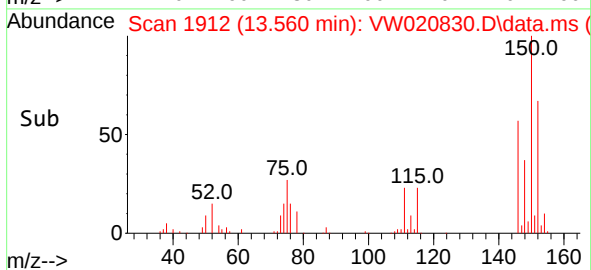
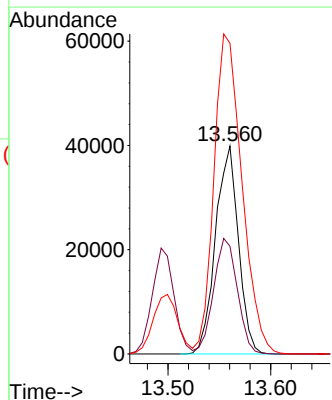
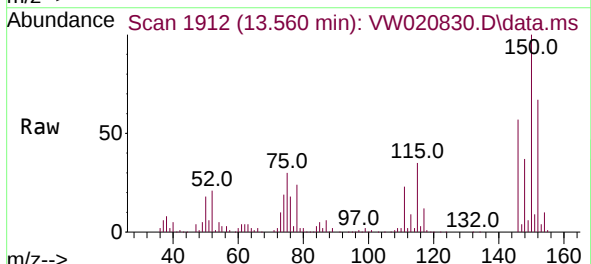
Manual Integrations
APPROVED

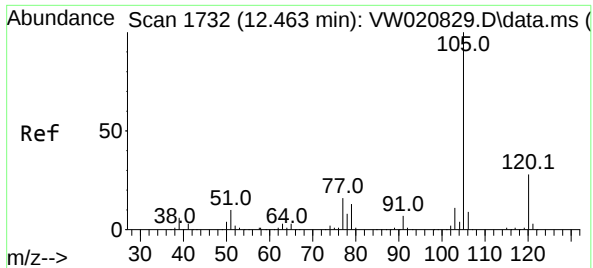
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion:152 Resp: 61652
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.9
150 188.6 0.0 352.6





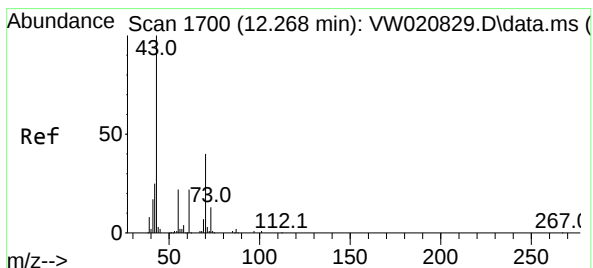
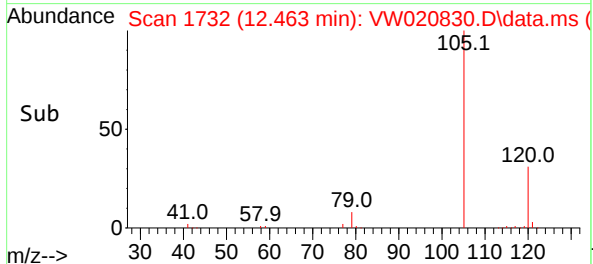
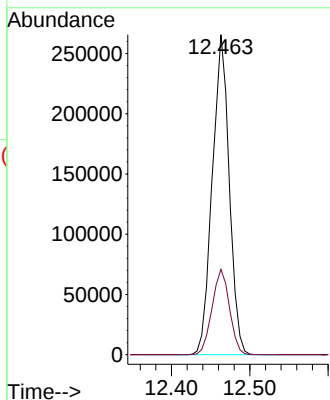
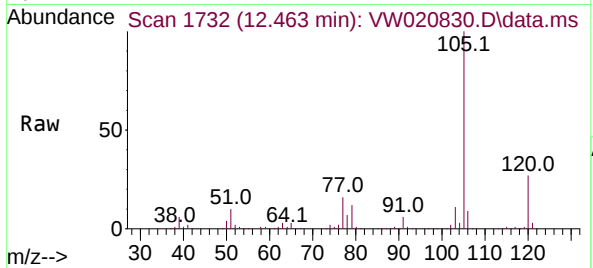
#73
Isopropylbenzene
Concen: 88.771 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 39819
Ion Ratio Lower Upper
105 100
120 27.4 13.0 39.0

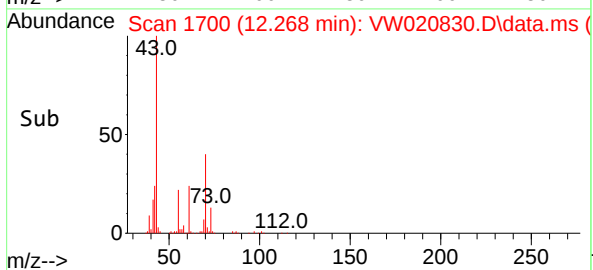
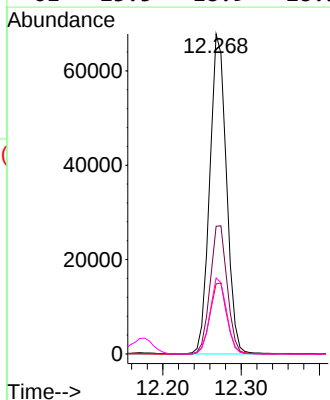
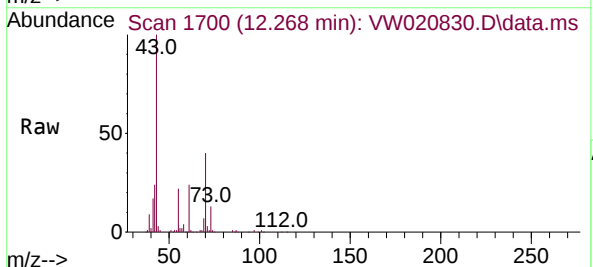
Manual Integrations
APPROVED

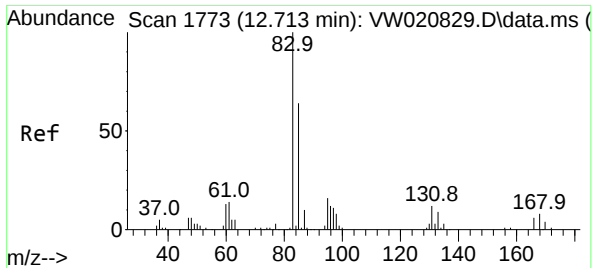
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 92.708 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 43 Resp: 100563
Ion Ratio Lower Upper
43 100
70 40.8 33.4 50.2
55 22.5 20.1 30.1
61 23.5 18.9 28.3





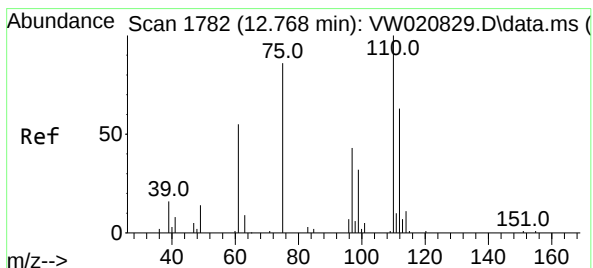
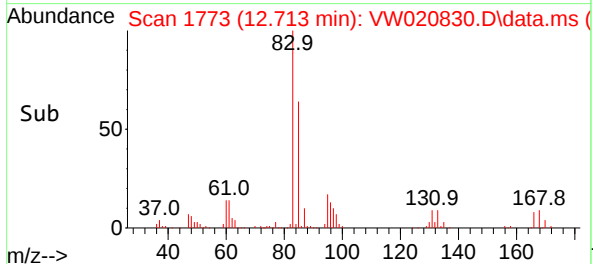
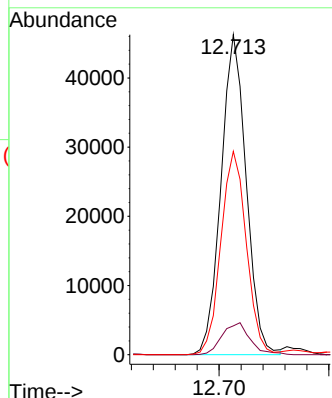
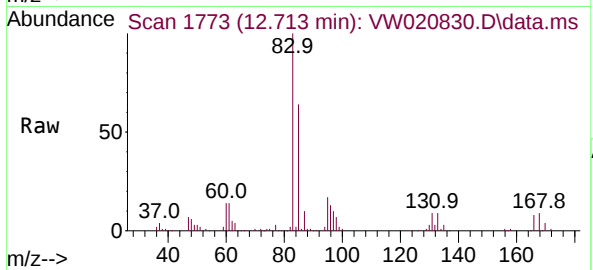
#75
1,1,2,2-Tetrachloroethane
Concen: 88.140 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 73754
Ion Ratio Lower Upper
83 100
131 11.1 5.8 17.3
85 64.3 31.8 95.4

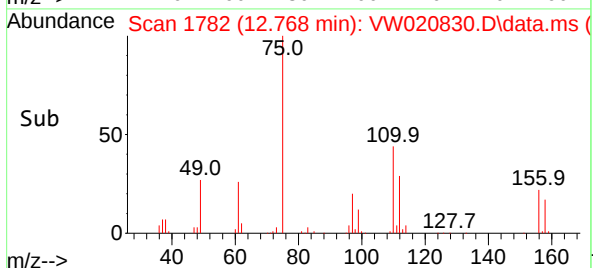
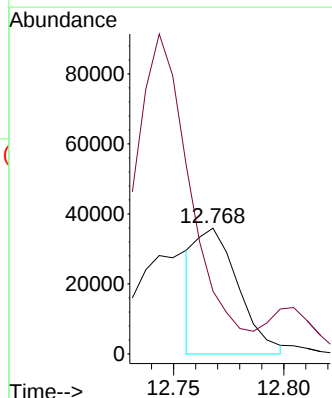
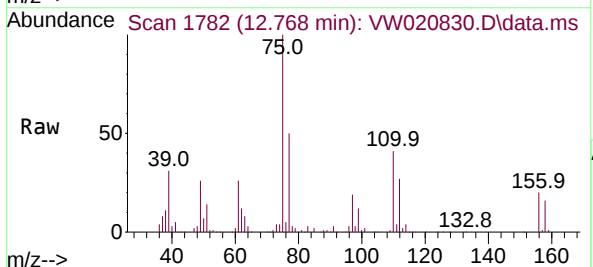
Manual Integrations
APPROVED

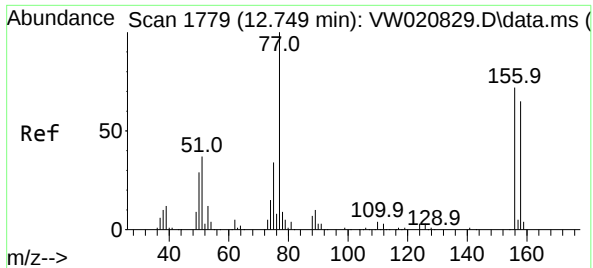
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 73.996 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 75 Resp: 48230
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





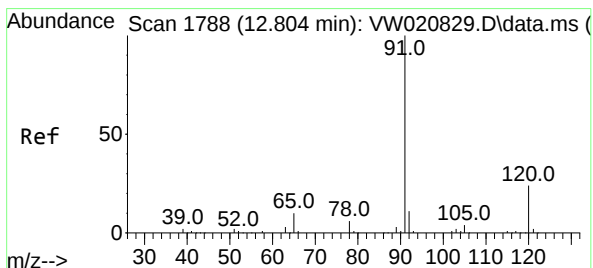
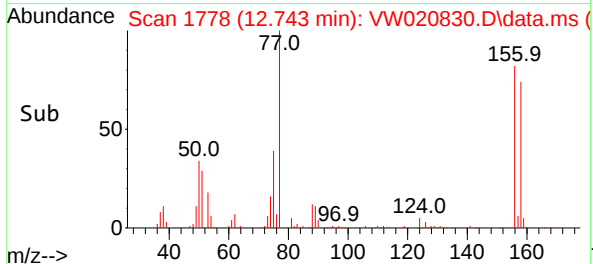
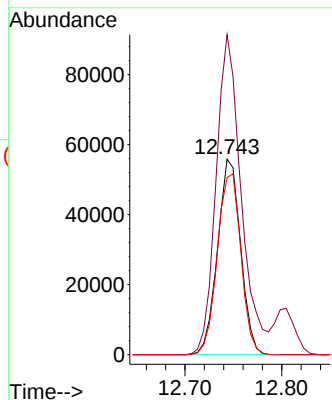
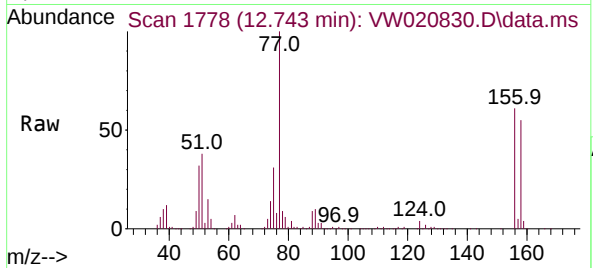
#77
Bromobenzene
Concen: 85.320 ug/l
RT: 12.743 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 9239
Ion Ratio Lower Upper
156 100
77 178.4 91.8 275.6
158 94.4 47.9 143.8

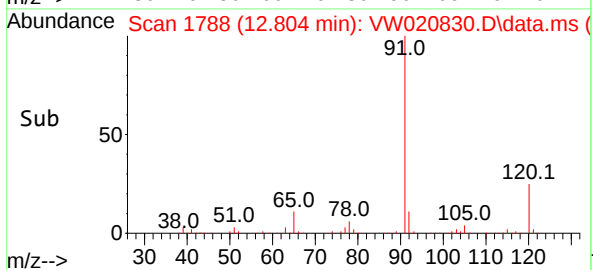
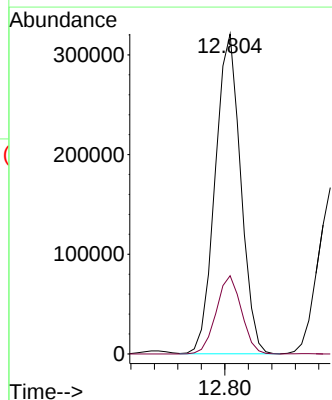
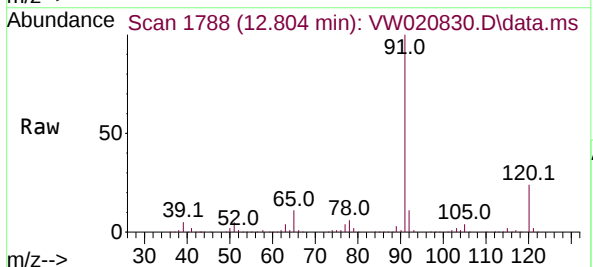
Manual Integrations
APPROVED

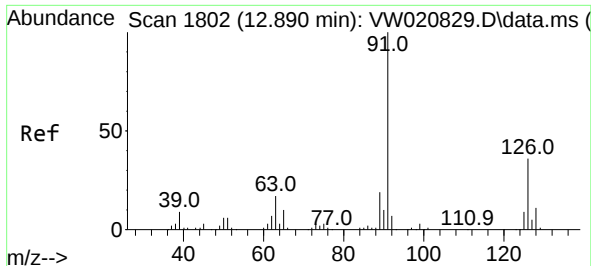
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 87.358 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Tgt Ion: 91 Resp: 483259
Ion Ratio Lower Upper
91 100
120 24.2 11.7 35.0





#79

2-Chlorotoluene

Concen: 83.398 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 26504

Ion Ratio Lower Upper

91 100

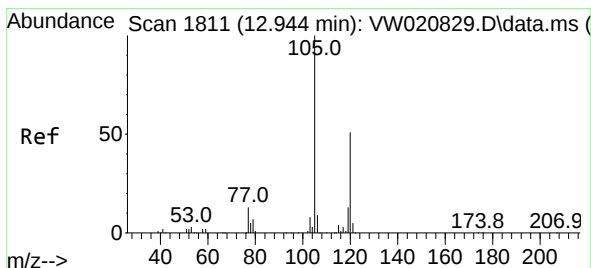
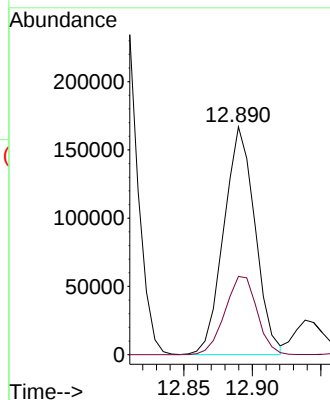
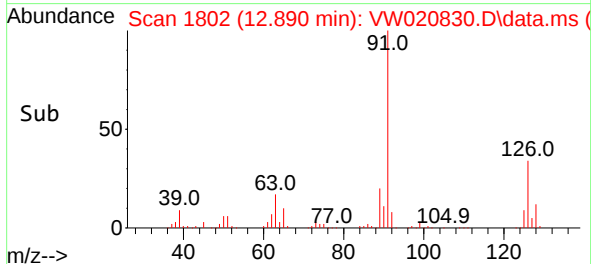
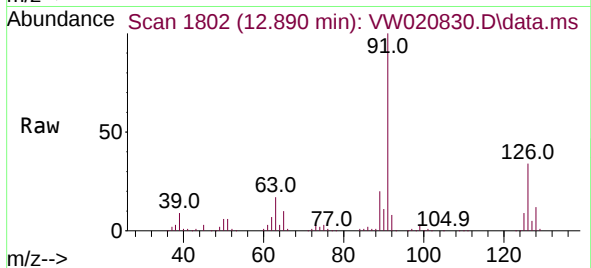
126 35.4 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 86.105 ug/l

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW020830.D

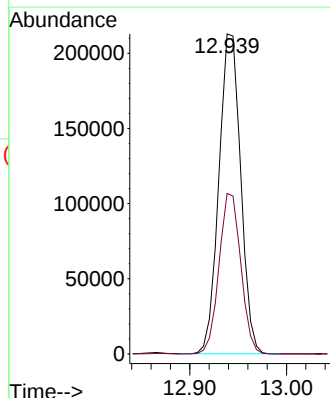
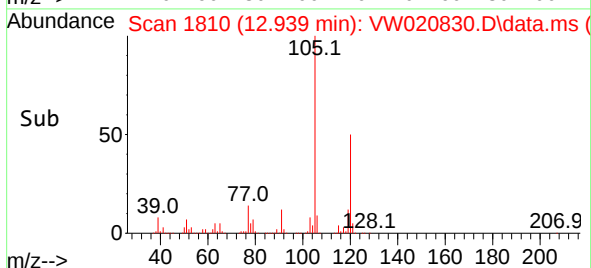
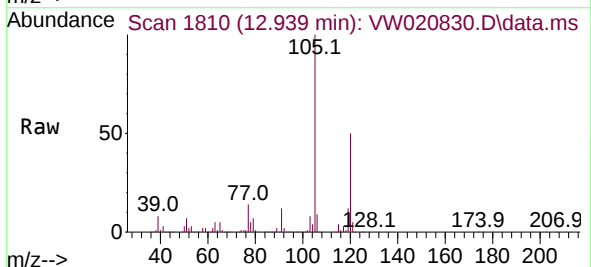
Acq: 10 Nov 2021 12:26

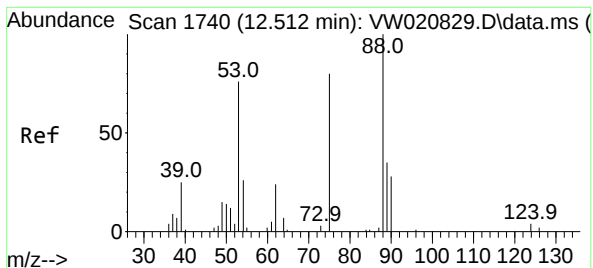
Tgt Ion:105 Resp: 333361

Ion Ratio Lower Upper

105 100

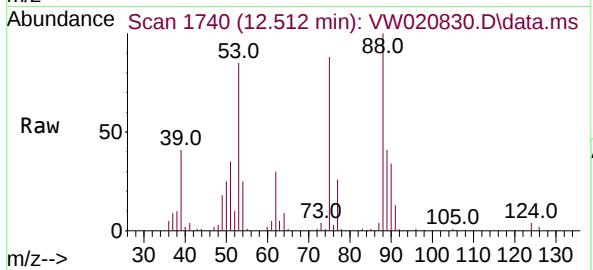
120 50.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 100.766 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

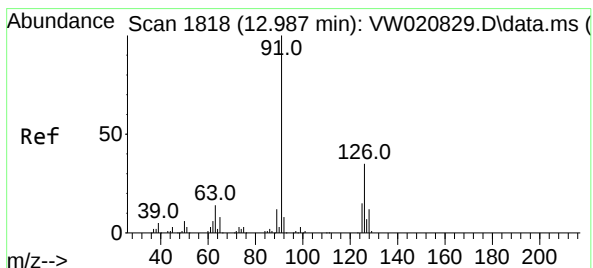
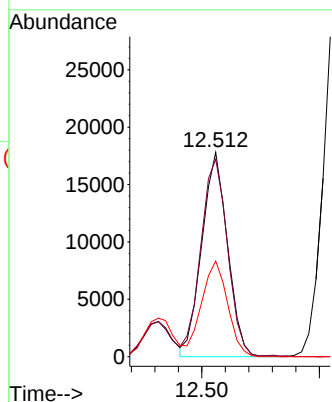
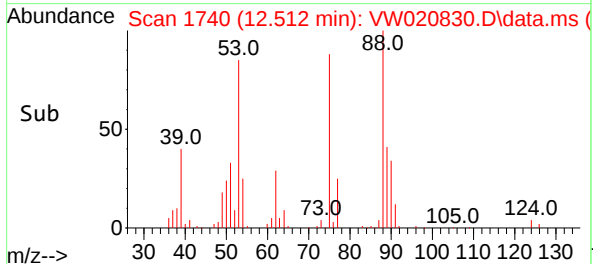
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



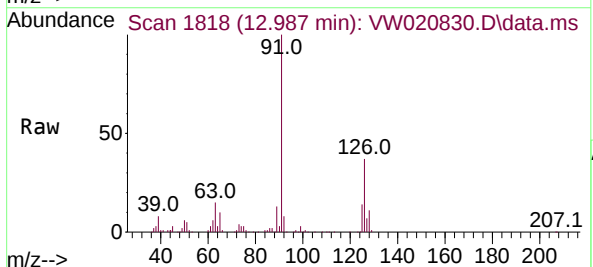
Tgt Ion: 75 Resp: 2713
Ion Ratio Lower Upper
75 100
53 99.6 83.7 125.5
89 46.6 36.7 55.1

Manual Integrations
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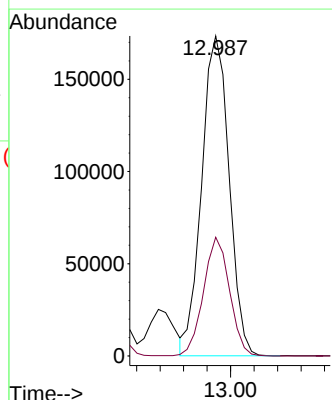
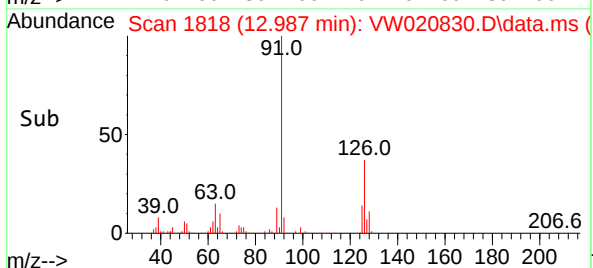
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

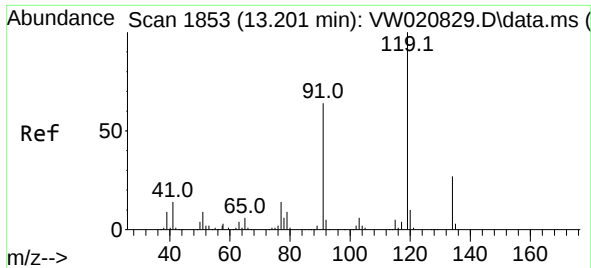


#82
4-Chlorotoluene
Concen: 84.059 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



Tgt Ion: 91 Resp: 281045
Ion Ratio Lower Upper
91 100
126 35.3 16.8 50.4





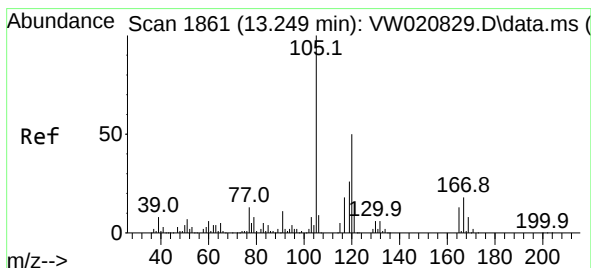
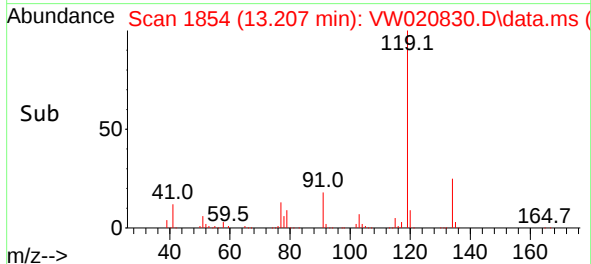
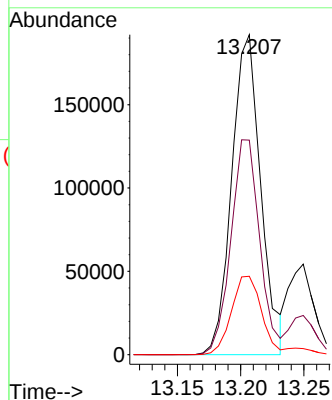
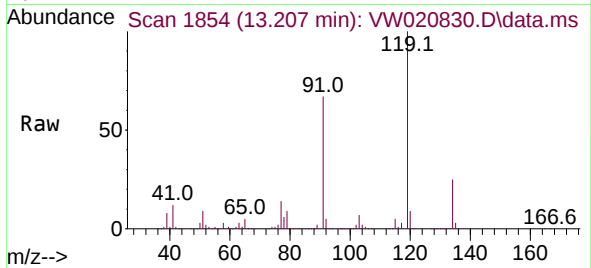
#83
tert-Butylbenzene
Concen: 91.169 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 306864
Ion Ratio Lower Upper
119 100
91 66.9 32.9 98.7
134 25.7 12.4 37.2

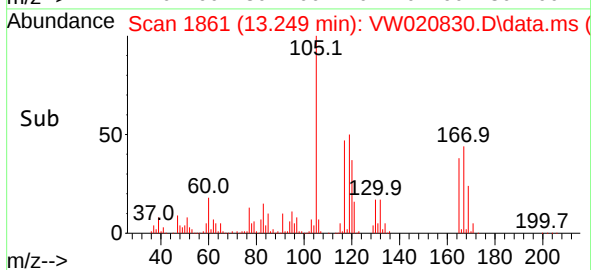
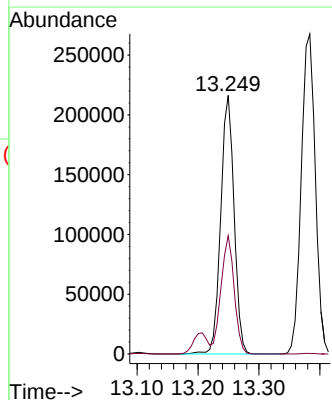
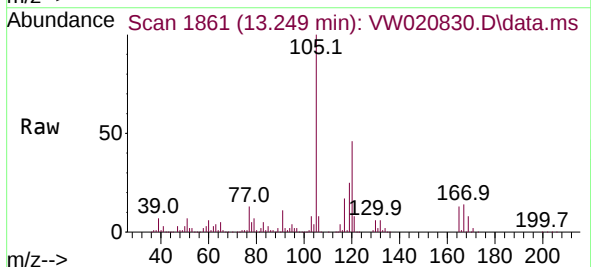
Manual Integrations
APPROVED

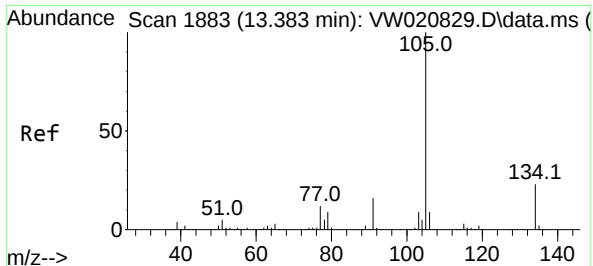
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 86.143 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

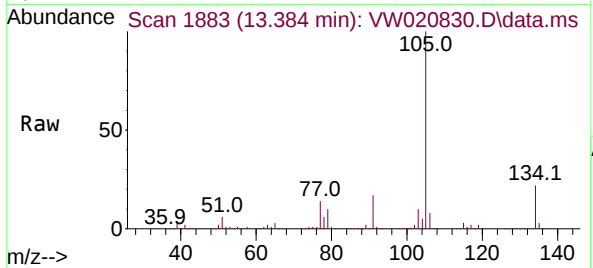
Tgt Ion:105 Resp: 329927
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 86.057 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW020830.D
 Acq: 10 Nov 2021 12:26

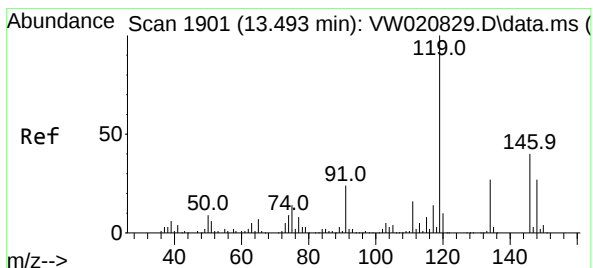
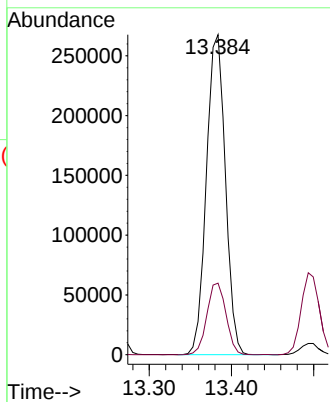
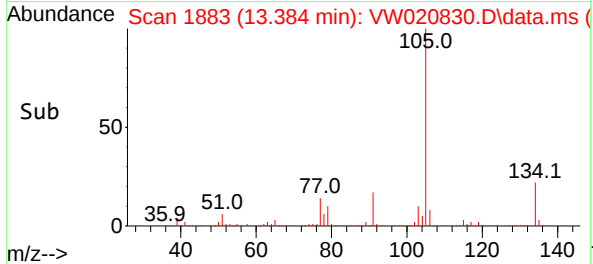
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100



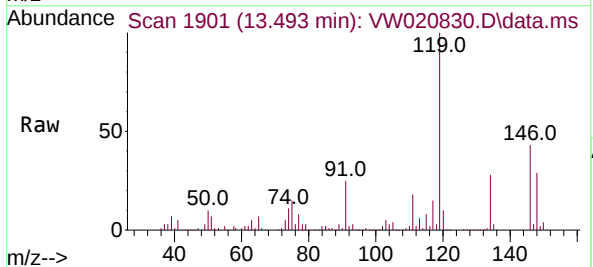
Tgt Ion:105 Resp: 428808
 Ion Ratio Lower Upper
 105 100
 134 22.5 10.1 30.3

Manual Integrations
 APPROVED

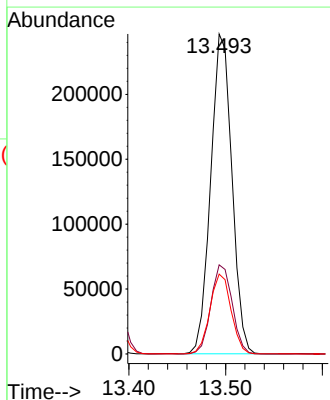
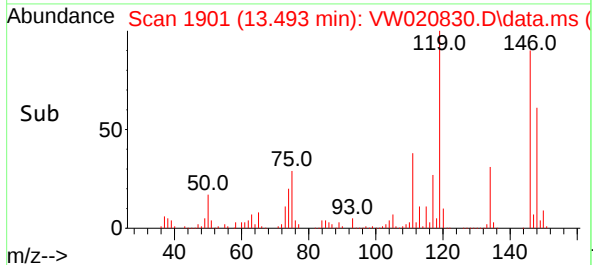
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

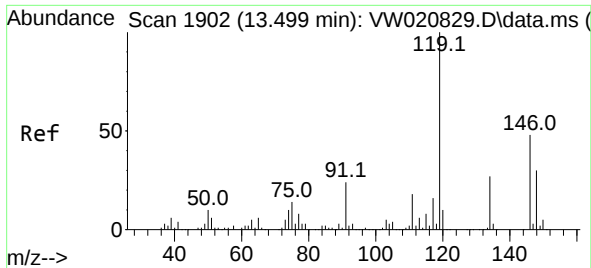


#86
 p-Isopropyltoluene
 Concen: 87.994 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020830.D
 Acq: 10 Nov 2021 12:26



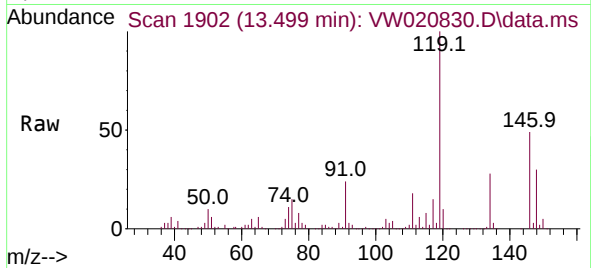
Tgt Ion:119 Resp: 375399
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 38.9
 91 24.9 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 84.516 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

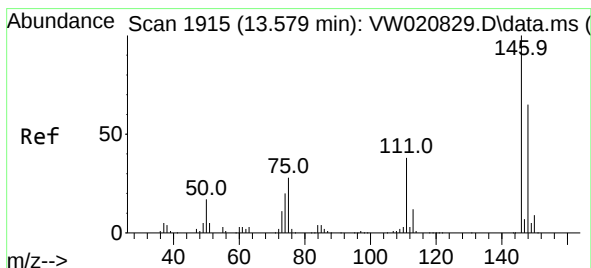
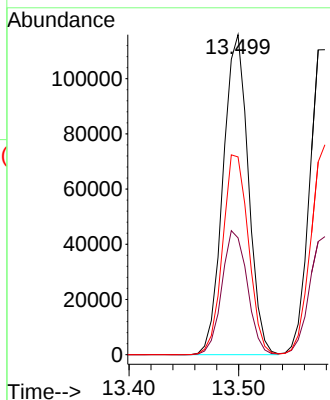
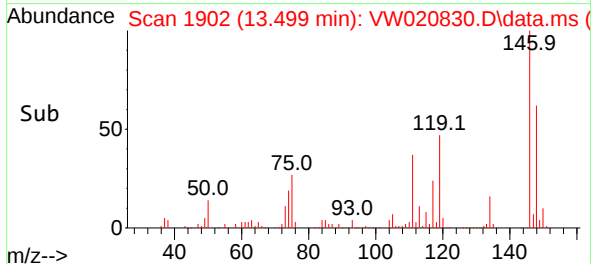
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



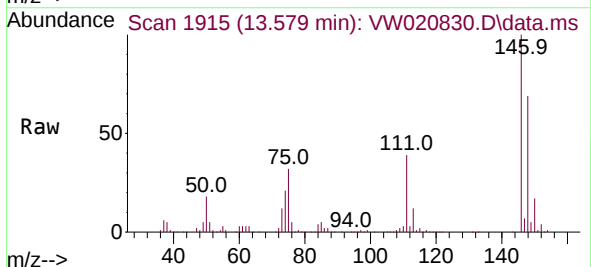
Tgt Ion:146 Resp: 18560
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.7 30.8 92.3

Manual Integrations
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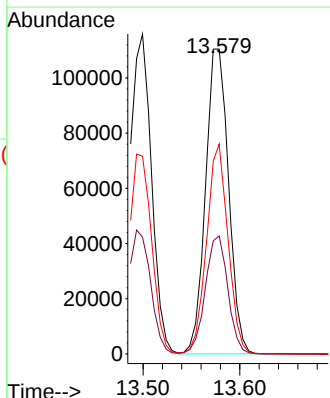
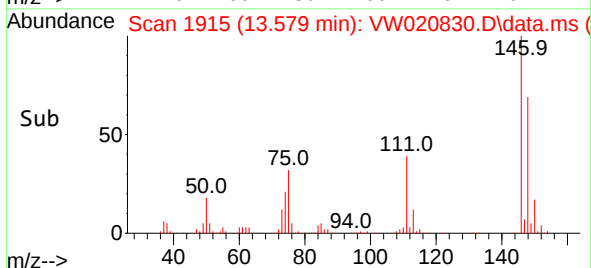
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

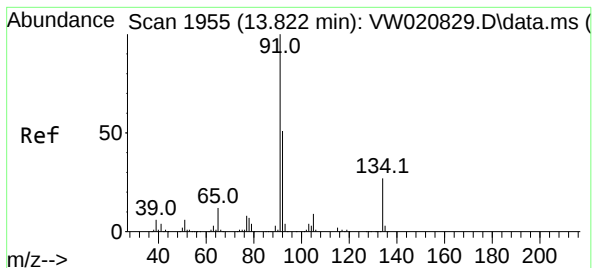


#88
1,4-Dichlorobenzene
Concen: 84.462 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



Tgt Ion:146 Resp: 182882
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.4
148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 88.527 ug/l

RT: 13.823 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

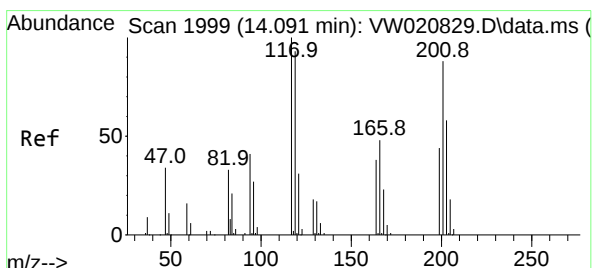
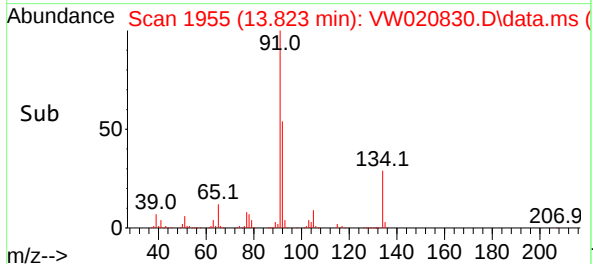
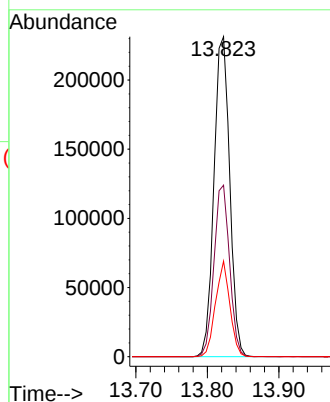
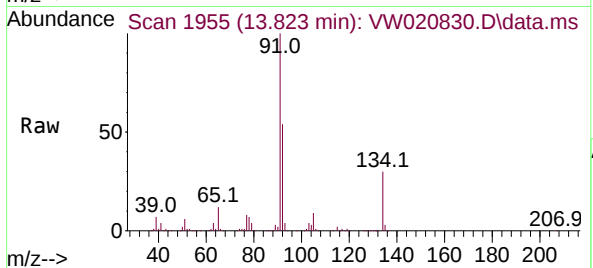
VSTDICC100

Tgt Ion:	91	Resp:	353084
Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.1	81.2
134	27.2	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90

Hexachloroethane

Concen: 97.421 ug/l

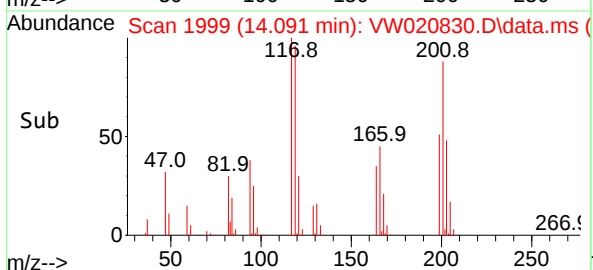
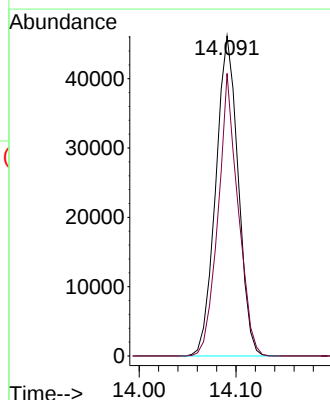
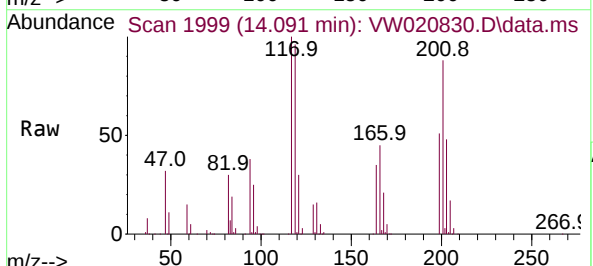
RT: 14.091 min Scan# 1999

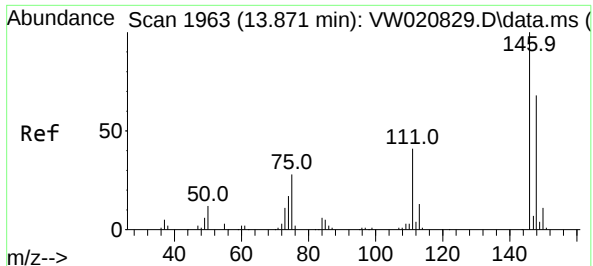
Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Tgt Ion:	117	Resp:	74234
Ion	Ratio	Lower	Upper
117	100		
201	78.7	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 81.850 ug/l

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 157104

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

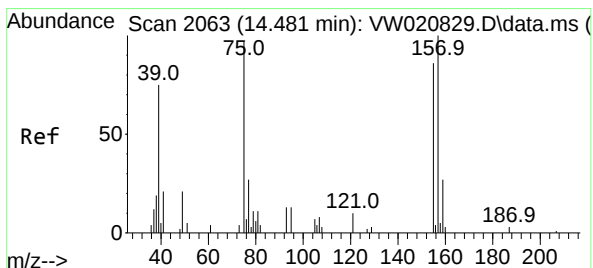
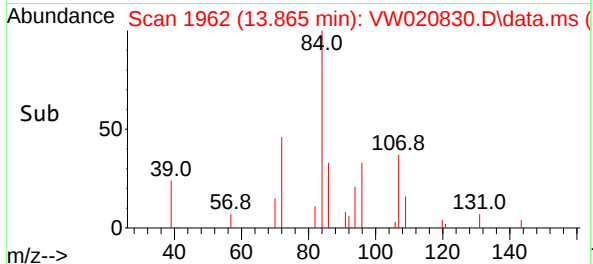
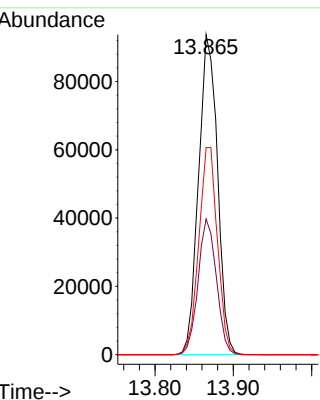
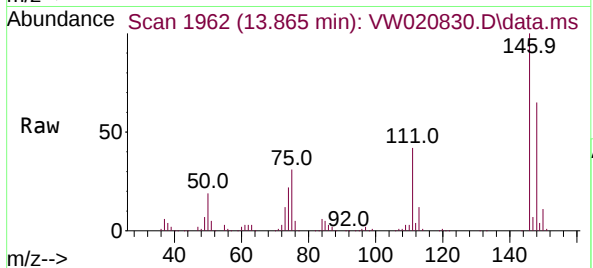
148 64.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 97.970 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

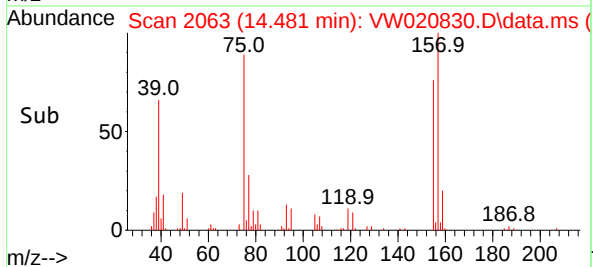
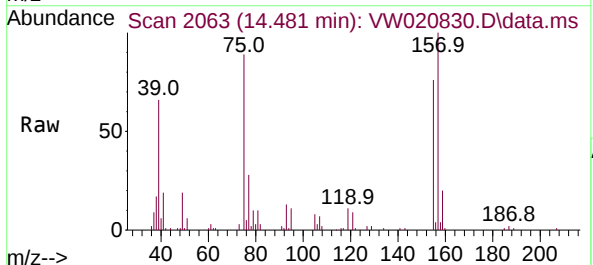
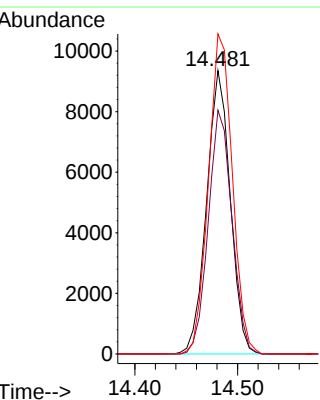
Tgt Ion: 75 Resp: 14920

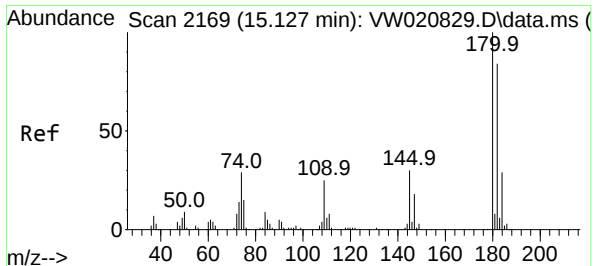
Ion Ratio Lower Upper

75 100

155 86.0 42.5 127.6

157 114.3 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 81.007 ug/l

RT: 15.133 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

Instrument :

MSVOA_W

ClientSampleId :

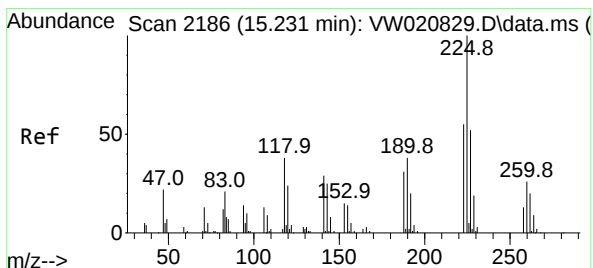
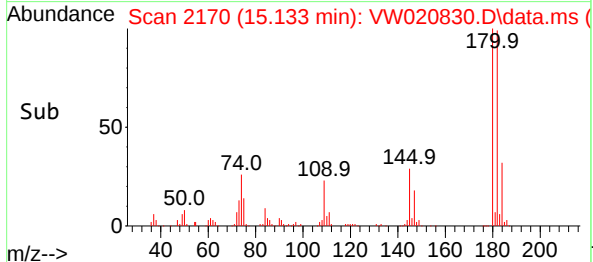
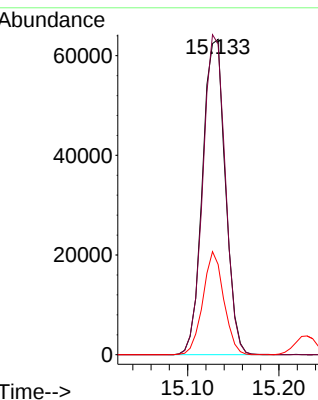
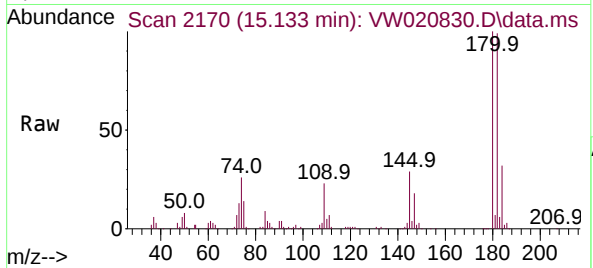
VSTDICC100

Tgt Ion:180	Resp: 109600
Ion Ratio	Lower Upper
180	100
182	99.7 49.4 148.2
145	30.0 15.2 45.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#94

Hexachlorobutadiene

Concen: 78.899 ug/l

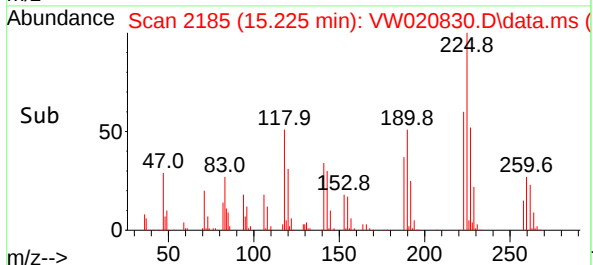
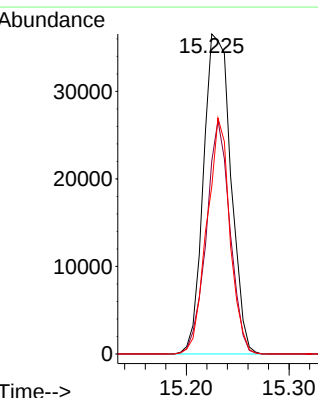
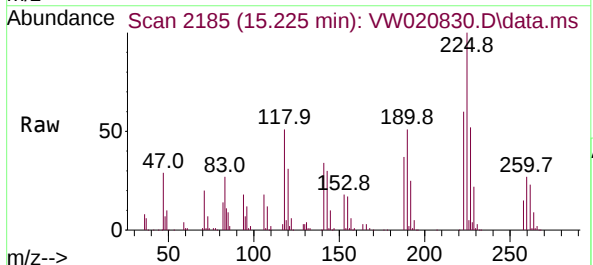
RT: 15.225 min Scan# 2185

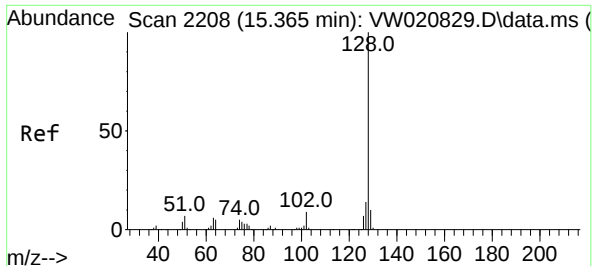
Delta R.T. -0.006 min

Lab File: VW020830.D

Acq: 10 Nov 2021 12:26

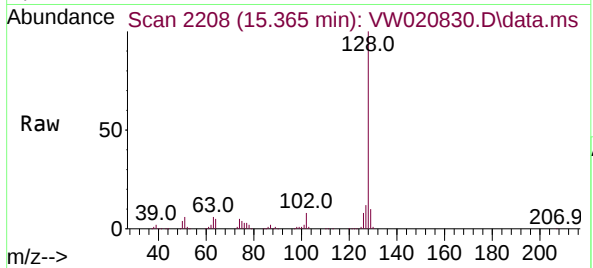
Tgt Ion:225	Resp: 67598
Ion Ratio	Lower Upper
225	100
223	62.9 29.8 89.5
227	62.0 32.8 98.4





#95
Naphthalene
Concen: 97.363 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26

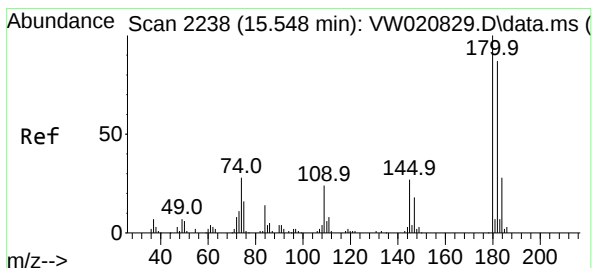
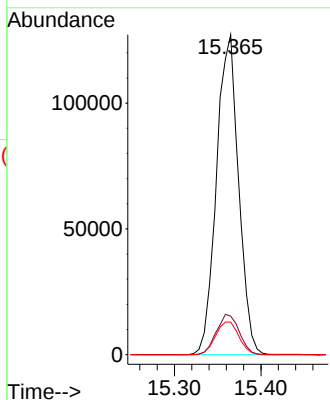
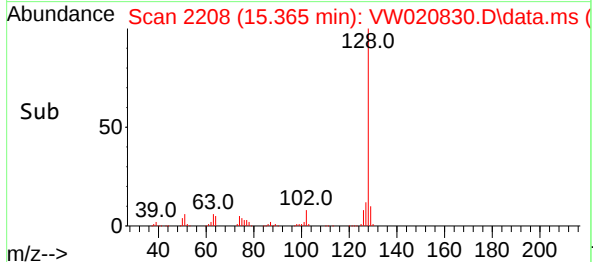
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



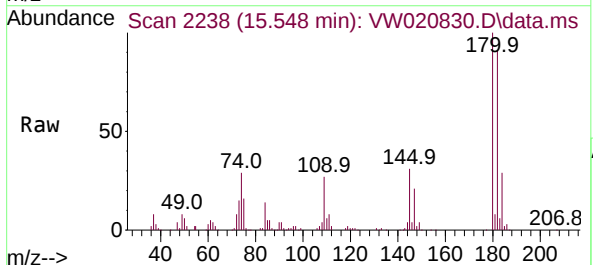
Tgt Ion:128 Resp: 225572
Ion Ratio Lower Upper
128 100
127 13.1 11.1 16.7
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 82.147 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW020830.D
Acq: 10 Nov 2021 12:26



Tgt Ion:180 Resp: 96229
Ion Ratio Lower Upper
180 100
182 97.1 46.4 139.2
145 31.1 15.7 47.0

