

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020929.D
 Acq On : 18 Nov 2021 16:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 05:00:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:59:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	84882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	123265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	113318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	57203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36080	45.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.780%		
35) Dibromofluoromethane	7.884	113	38545	49.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.700%		
50) Toluene-d8	10.323	98	140269	49.465	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.615	95	51145	48.361	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	6865	44.476	ug/l	96
3) Chloromethane	2.215	50	21682	44.372	ug/l	97
4) Vinyl Chloride	2.361	62	42181	49.023	ug/l	97
5) Bromomethane	2.776	94	32200	58.141	ug/l	98
6) Chloroethane	2.916	64	19586	59.056	ug/l	97
7) Trichlorofluoromethane	3.257	101	23524	65.920	ug/l	98
8) Diethyl Ether	3.690	74	18409	49.116	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	38082	51.730	ug/l	98
10) Methyl Iodide	4.275	142	61044	54.976	ug/l	99
11) Tert butyl alcohol	5.184	59	11297	163.085	ug/l #	96
12) 1,1-Dichloroethene	4.038	96	36884	51.129	ug/l	97
13) Acrolein	3.903	56	3078	256.890	ug/l	93
14) Allyl chloride	4.672	41	51893	50.104	ug/l	98
15) Acrylonitrile	5.367	53	35972	221.831	ug/l	99
16) Acetone	4.129	43	33543	205.230	ug/l	99
17) Carbon Disulfide	4.385	76	102529	51.721	ug/l	99
18) Methyl Acetate	4.678	43	23996	42.076	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	62243	50.070	ug/l	100
20) Methylene Chloride	4.922	84	40309	44.155	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	42602	51.878	ug/l	92
22) Diisopropyl ether	6.312	45	104828	49.330	ug/l	99
23) Vinyl Acetate	6.257	43	292895	235.531	ug/l	99
24) 1,1-Dichloroethane	6.220	63	68583	50.728	ug/l	99
25) 2-Butanone	7.177	43	47535	204.777	ug/l	95
26) 2,2-Dichloropropane	7.171	77	48036	50.074	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	46416	50.596	ug/l	99
28) Bromochloromethane	7.513	49	27038	47.261	ug/l	95
29) Tetrahydrofuran	7.531	42	29887	212.305	ug/l	100
30) Chloroform	7.677	83	75172	50.540	ug/l	99
31) Cyclohexane	7.958	56	62986	48.019	ug/l	96
32) 1,1,1-Trichloroethane	7.878	97	67195	53.504	ug/l	99
36) 1,1-Dichloropropene	8.086	75	58066	52.436	ug/l	99
37) Ethyl Acetate	7.256	43	21583	42.730	ug/l	99
38) Carbon Tetrachloride	8.067	117	61678	52.359	ug/l	96
39) Methylcyclohexane	9.335	83	72176	51.912	ug/l	97
40) Benzene	8.323	78	159928	50.652	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	12725	47.250	ug/l	95
42) 1,2-Dichloroethane	8.403	62	47454	49.546	ug/l	99
43) Isopropyl Acetate	8.427	43	44946	45.342	ug/l	98
44) Trichloroethene	9.092	130	48473	52.618	ug/l	95
45) 1,2-Dichloropropane	9.372	63	36920	50.774	ug/l	96
46) Dibromomethane	9.457	93	22951	49.818	ug/l	97
47) Bromodichloromethane	9.646	83	55048	50.504	ug/l	96
48) Methyl methacrylate	9.433	41	21090	47.827	ug/l	95
49) 1,4-Dioxane	9.457	88	5129	772.629	ug/l #	77
51) 4-Methyl-2-Pentanone	10.207	43	109032	216.032	ug/l	100
52) Toluene	10.390	92	105830	52.144	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	53722	49.641	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	62284	50.857	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	29888	48.390	ug/l	97
56) Ethyl methacrylate	10.646	69	37327	47.460	ug/l	98
57) 1,3-Dichloropropane	10.933	76	50694	48.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	91999	232.429	ug/l	99
59) 2-Hexanone	10.969	43	75285	214.429	ug/l	99
60) Dibromochloromethane	11.128	129	37864	48.627	ug/l	96
61) 1,2-Dibromoethane	11.237	107	29688	48.445	ug/l	94
64) Tetrachloroethene	10.866	164	42581	50.579	ug/l	87
65) Chlorobenzene	11.658	112	115471	50.684	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	42462	50.125	ug/l	97
67) Ethyl Benzene	11.731	91	206257	51.589	ug/l	95
68) m/p-Xylenes	11.841	106	164758	101.932	ug/l	97
69) o-Xylene	12.164	106	79244	52.283	ug/l	100
70) Styrene	12.176	104	131446	51.636	ug/l	99
71) Bromoform	12.347	173	24191	49.404	ug/l #	95
73) Isopropylbenzene	12.463	105	210955	53.966	ug/l	98
74) N-amyl acetate	12.274	43	43219	46.417	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	33411	48.992	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	21517m	41.866	ug/l	
77) Bromobenzene	12.743	156	50708	53.406	ug/l	94
78) n-propylbenzene	12.804	91	252829	54.914	ug/l	98
79) 2-Chlorotoluene	12.890	91	142592	53.586	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	180821	53.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	10300	47.142	ug/l	100
82) 4-Chlorotoluene	12.987	91	148986	52.796	ug/l	97
83) tert-Butylbenzene	13.207	119	158993	53.067	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	178906	54.047	ug/l	99
85) sec-Butylbenzene	13.383	105	234072	54.289	ug/l	100
86) p-Isopropyltoluene	13.493	119	200035	53.816	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	103113	53.585	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	102238	52.872	ug/l	98
89) n-Butylbenzene	13.822	91	178005	53.334	ug/l	97
90) Hexachloroethane	14.091	117	38047	54.351	ug/l	89
91) 1,2-Dichlorobenzene	13.865	146	89121	52.717	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5573	46.536	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	60303	50.058	ug/l	95
94) Hexachlorobutadiene	15.231	225	33592	49.172	ug/l	97
95) Naphthalene	15.365	128	106715	47.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	53142	50.028	ug/l	96

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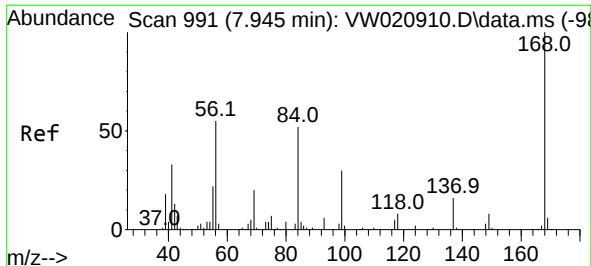
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

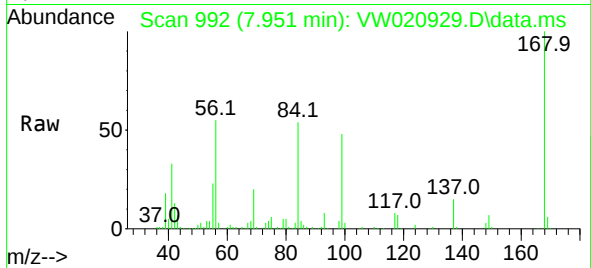
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

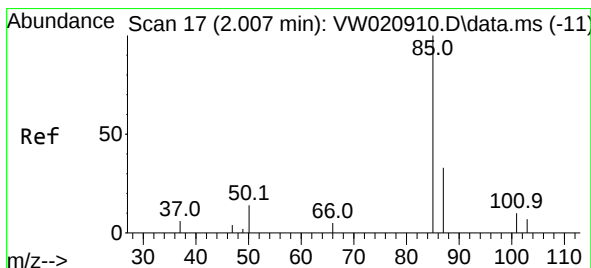
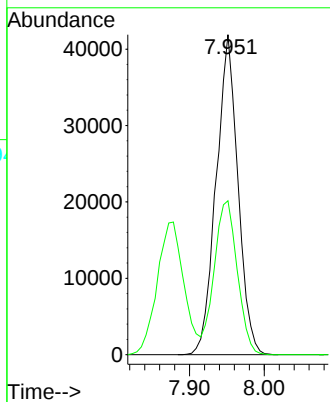
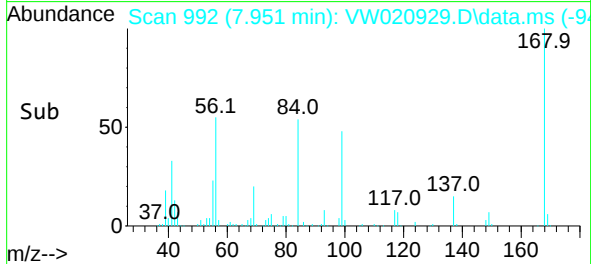
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 8488
Ion Ratio Lower Upper
168 100
99 48.1 41.6 62.4

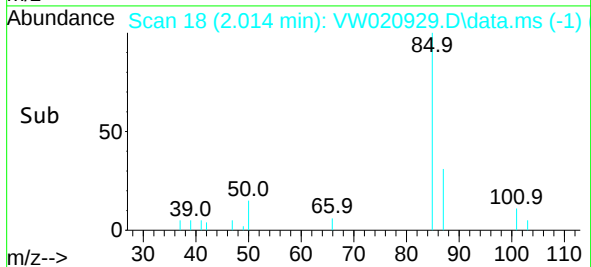
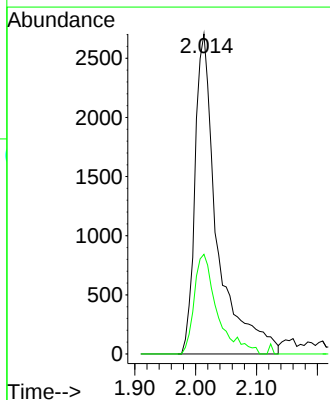
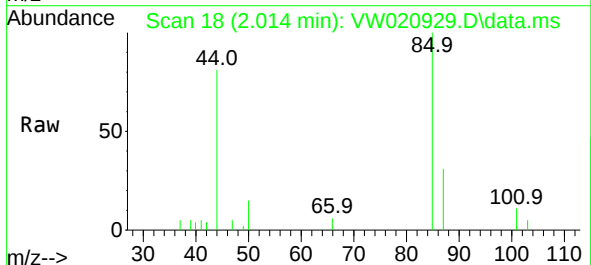
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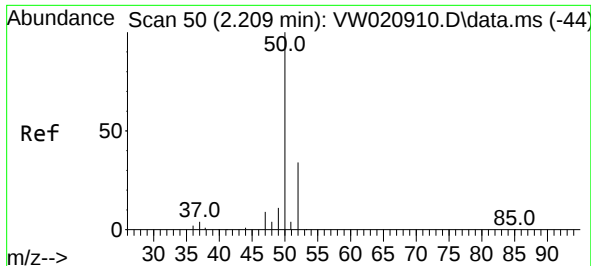
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#2
Dichlorodifluoromethane
Concen: 44.476 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.007 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

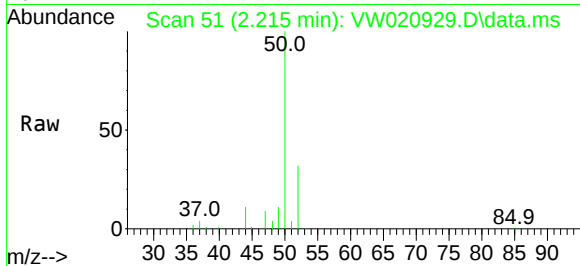
Tgt Ion: 85 Resp: 6865
Ion Ratio Lower Upper
85 100
87 31.2 16.8 50.3





#3
Chloromethane
Concen: 44.372 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

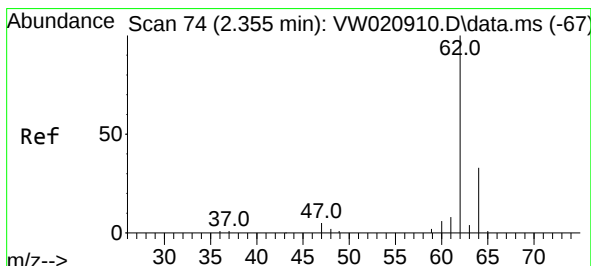
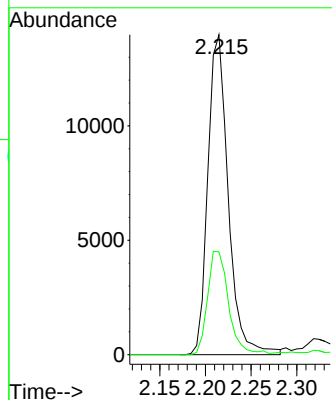
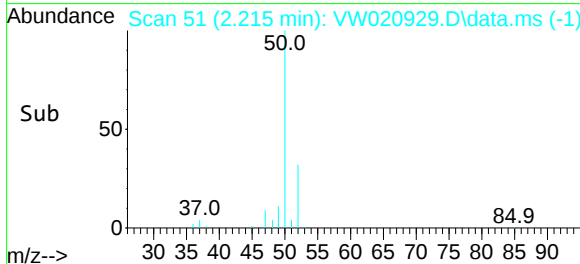
Instrument :
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Tgt Ion: 50 Resp: 2168
Ion Ratio Lower Upper
50 100
52 32.1 27.2 40.8

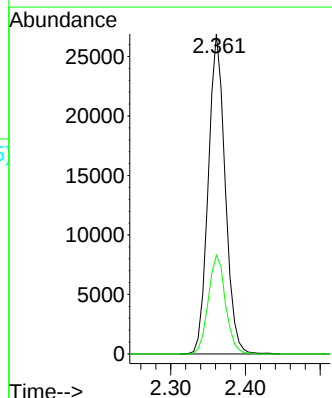
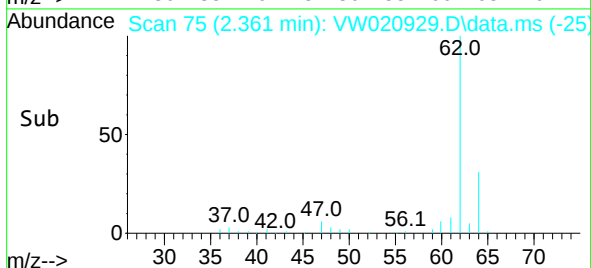
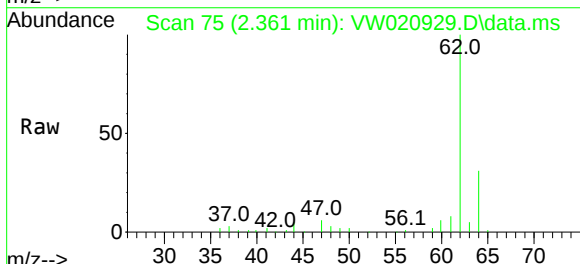
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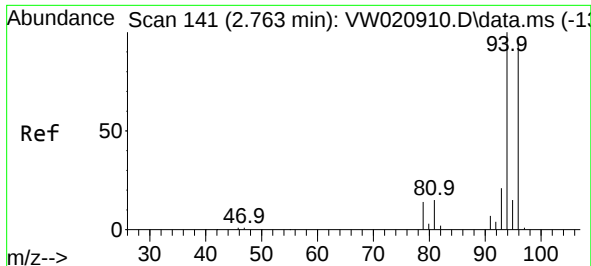
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#4
Vinyl Chloride
Concen: 49.023 ug/l
RT: 2.361 min Scan# 75
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

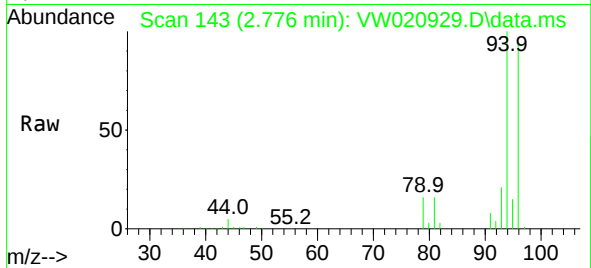
Tgt Ion: 62 Resp: 42181
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.4





#5
Bromomethane
Concen: 58.141 ug/l
RT: 2.776 min Scan# 141
Delta R.T. 0.012 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

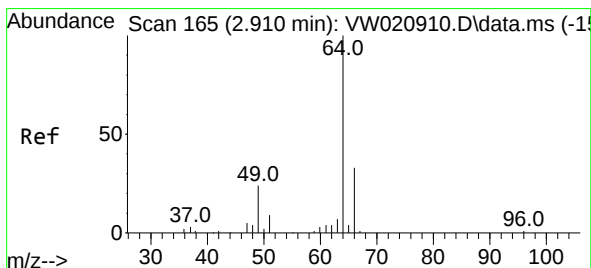
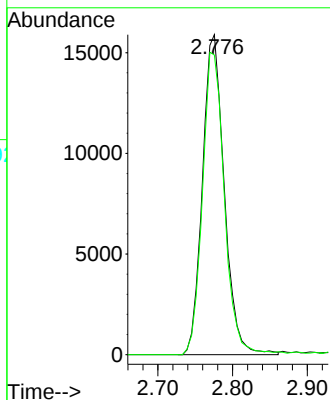
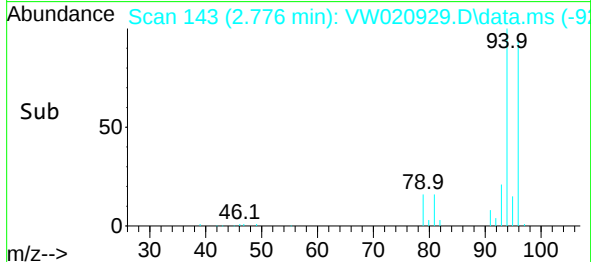
Instrument :
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Tgt Ion: 94 Resp: 32200
Ion Ratio Lower Upper
94 100
96 93.6 76.4 114.6

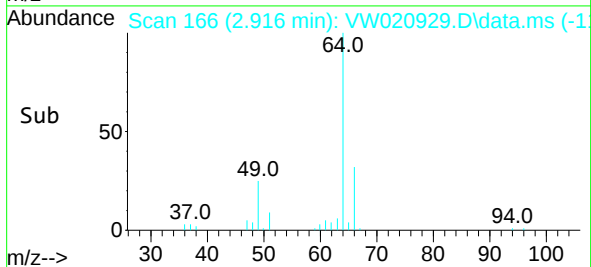
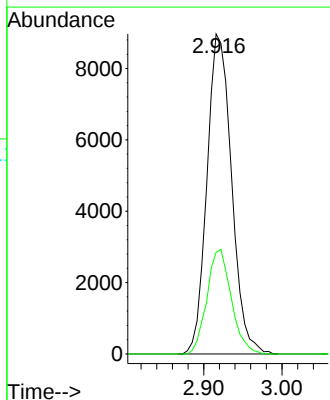
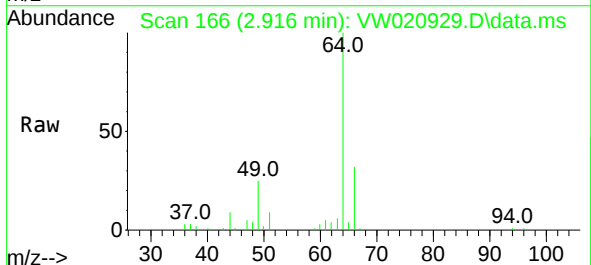
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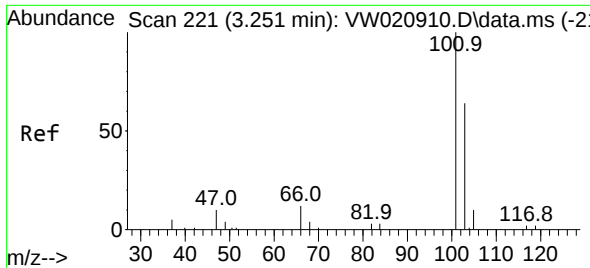
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#6
Chloroethane
Concen: 59.056 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 19586
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1





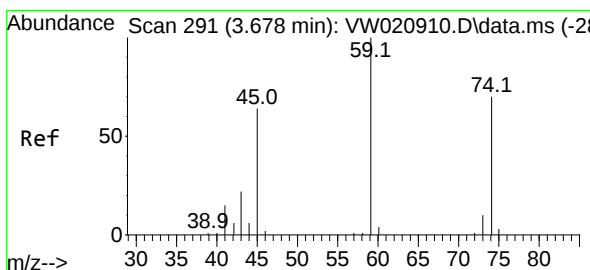
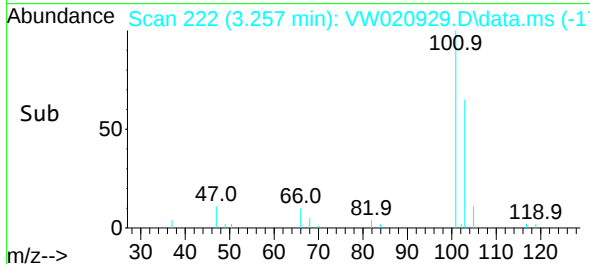
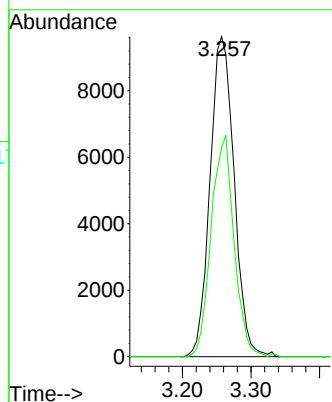
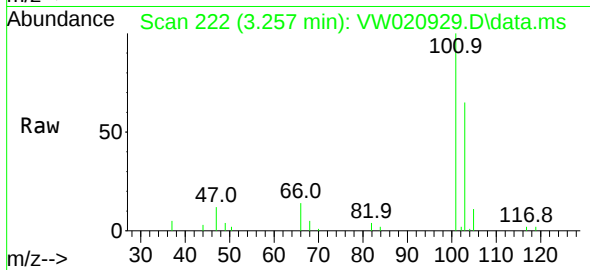
#7
Trichlorofluoromethane
Concen: 65.920 ug/l
RT: 3.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:101 Resp: 23524
Ion Ratio Lower Upper
101 100
103 65.5 50.9 76.3

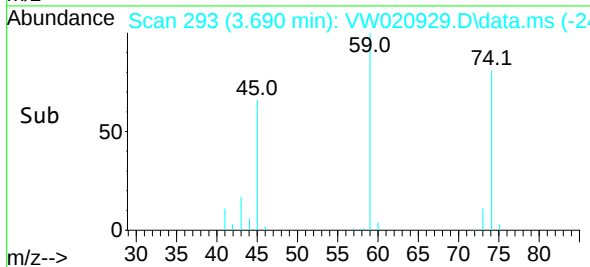
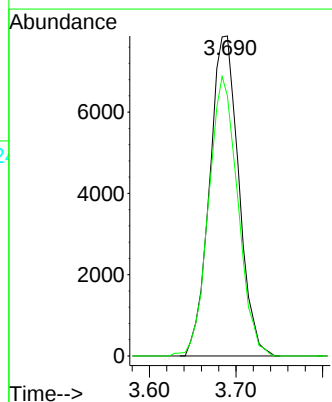
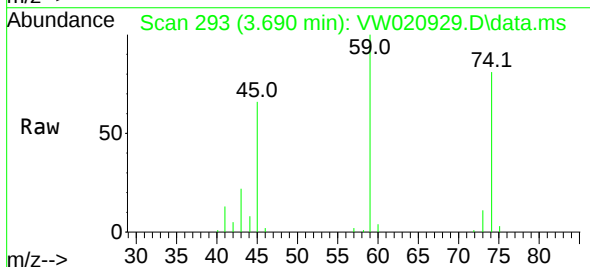
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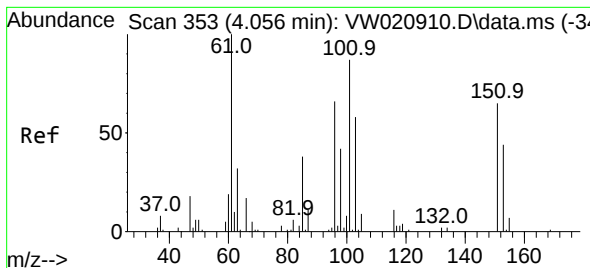
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Supervised By :Mahesh Dadoda 11/19/2021



#8
Diethyl Ether
Concen: 49.116 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.012 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion: 74 Resp: 18409
Ion Ratio Lower Upper
74 100
45 87.4 45.3 135.8





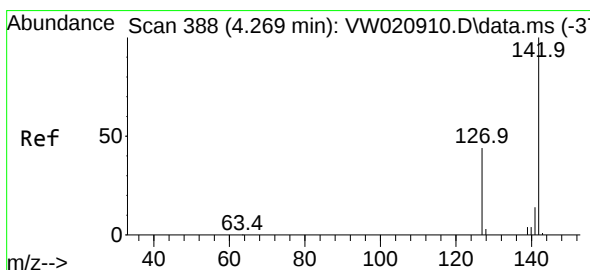
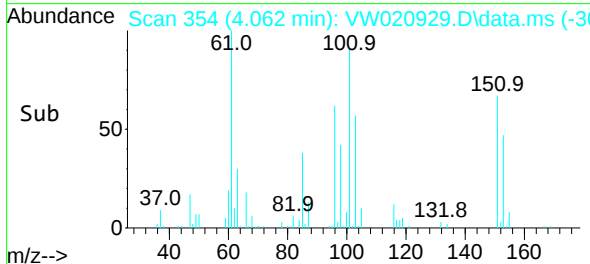
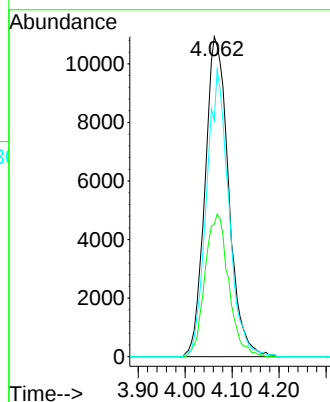
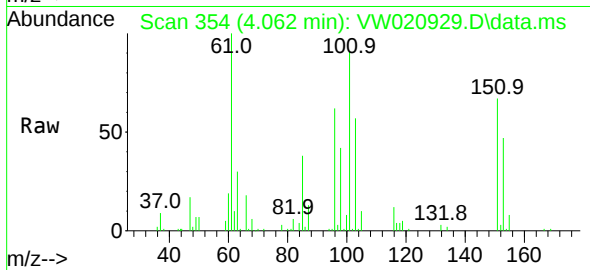
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.730 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 3808
Ion Ratio Lower Upper
101 100
85 44.7 36.6 54.8
151 84.9 66.3 99.5

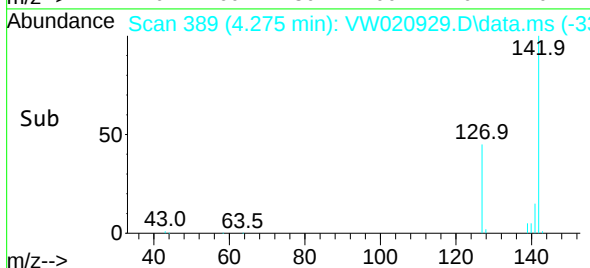
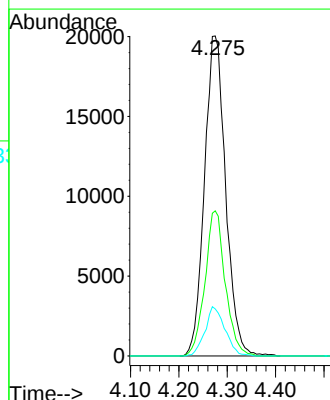
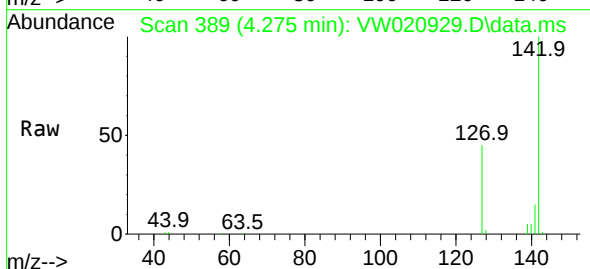
Manual Integrations
APPROVED

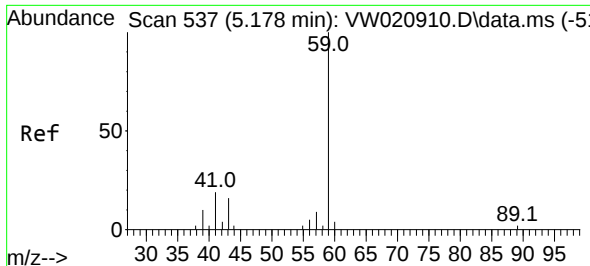
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#10
Methyl Iodide
Concen: 54.976 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion:142 Resp: 61044
Ion Ratio Lower Upper
142 100
127 43.4 35.5 53.3
141 14.5 11.5 17.3





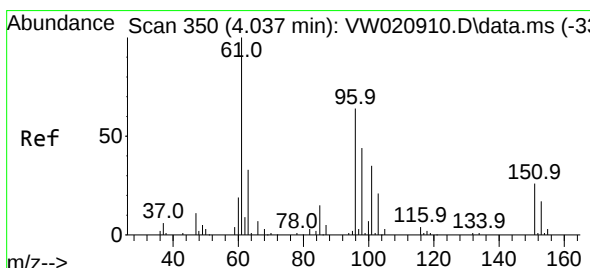
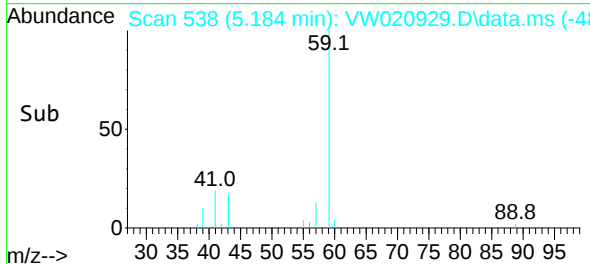
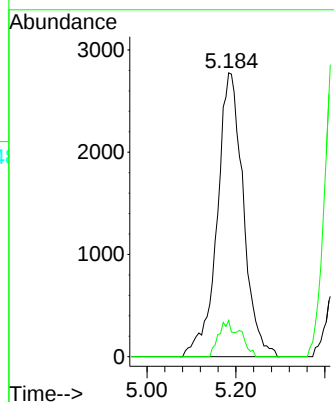
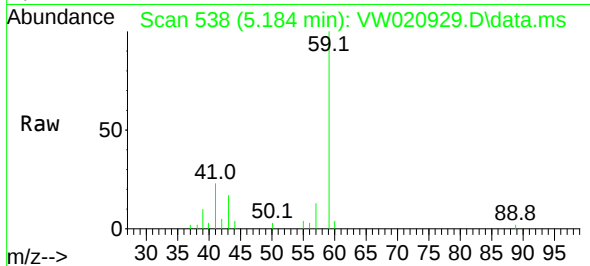
#11
Tert butyl alcohol
Concen: 163.085 ug/l
RT: 5.184 min Scan# 511
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 1129
Ion Ratio Lower Upper
59 100
57 6.8 4.3 6.5

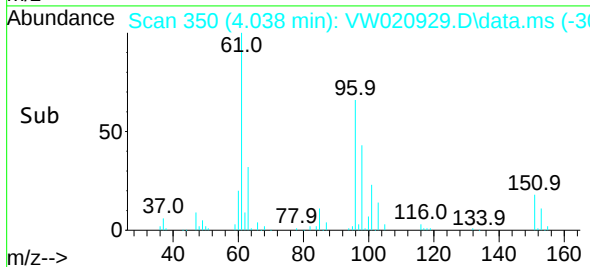
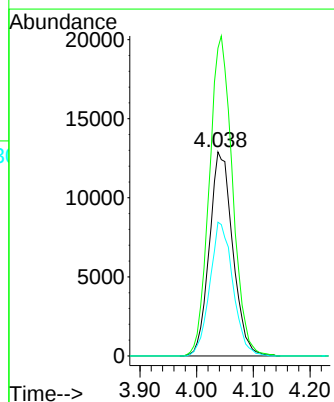
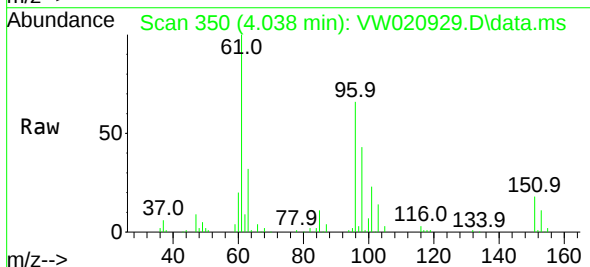
Manual Integrations
APPROVED

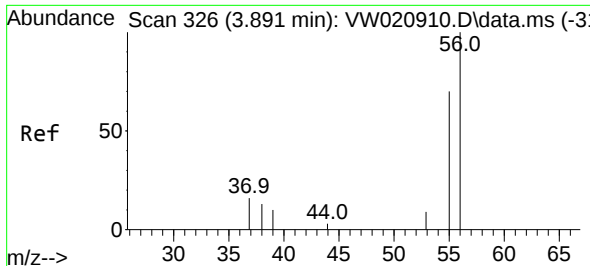
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#12
1,1-Dichloroethene
Concen: 51.129 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

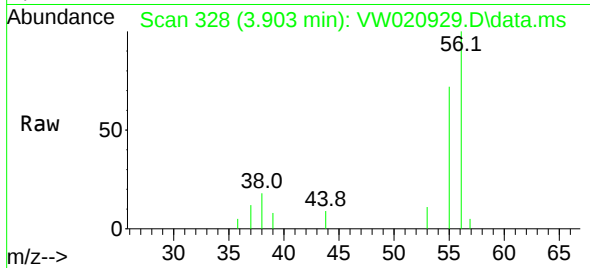
Tgt Ion: 96 Resp: 36884
Ion Ratio Lower Upper
96 100
61 151.0 124.4 186.6
98 65.6 54.2 81.2





#13
Acrolein
Concen: 256.890 ug/l
RT: 3.903 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

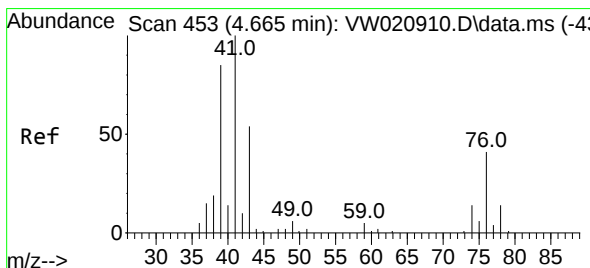
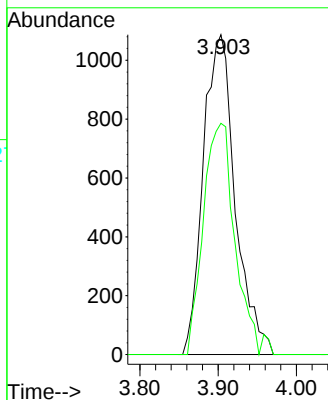
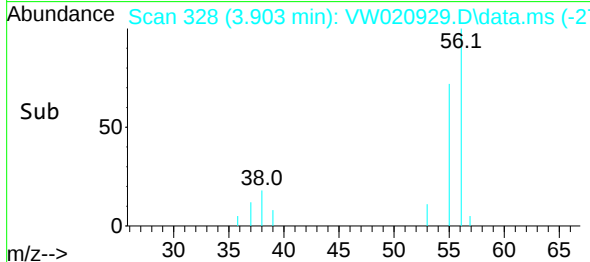
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 3078
Ion Ratio Lower Upper
56 100
55 70.7 61.2 91.8

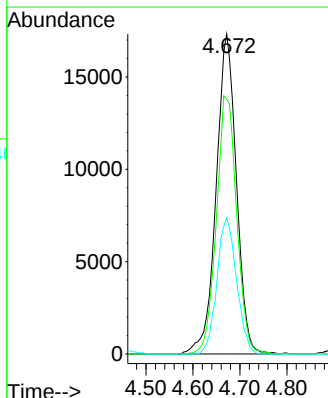
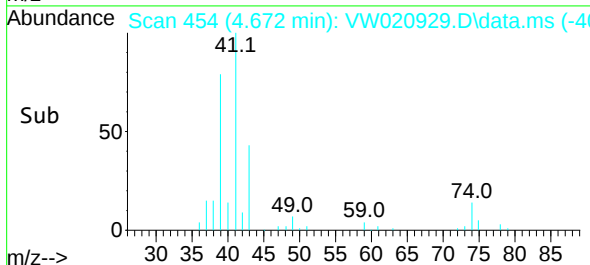
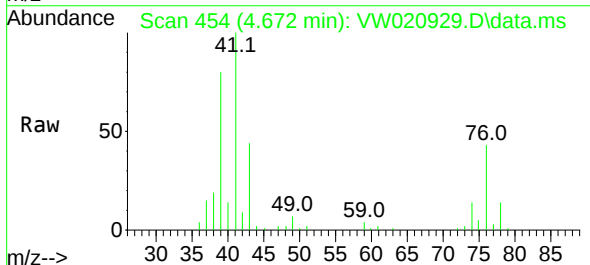
Manual Integrations
APPROVED

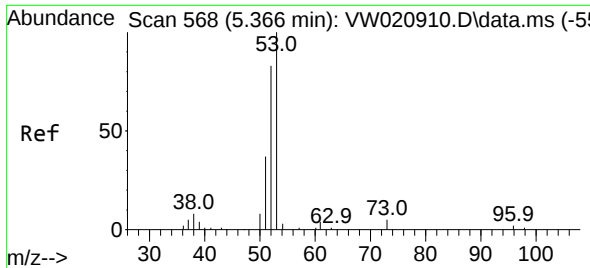
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#14
Allyl chloride
Concen: 50.104 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

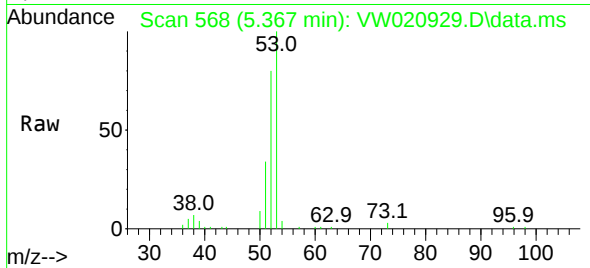
Tgt Ion: 41 Resp: 51893
Ion Ratio Lower Upper
41 100
39 81.1 63.4 95.2
76 41.1 32.2 48.4





#15
Acrylonitrile
Concen: 221.831 ug/l
RT: 5.367 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

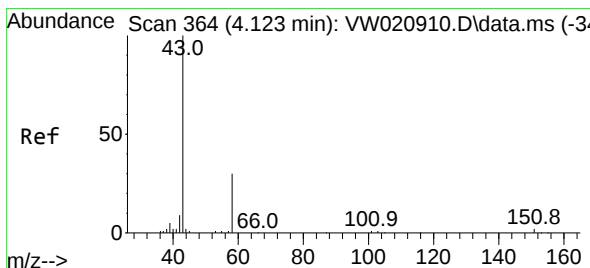
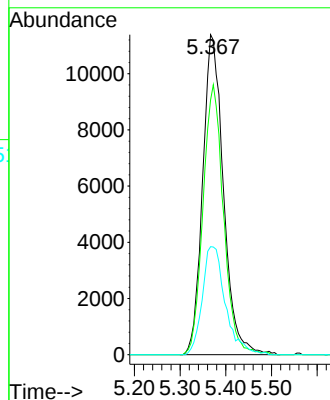
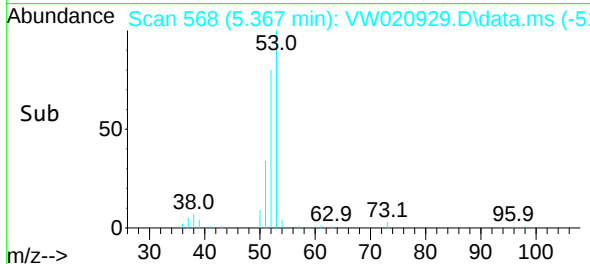
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35972
Ion Ratio Lower Upper
53 100
52 83.2 65.9 98.9
51 37.4 29.8 44.6

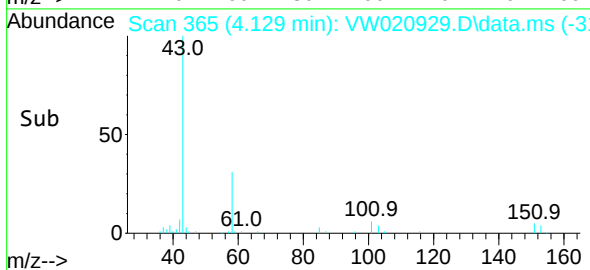
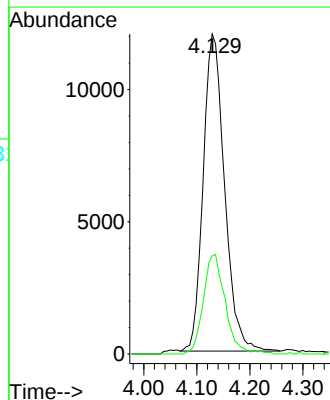
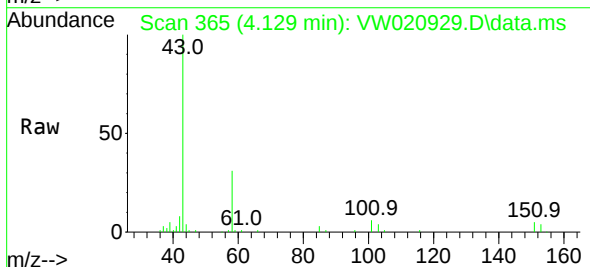
Manual Integrations
APPROVED

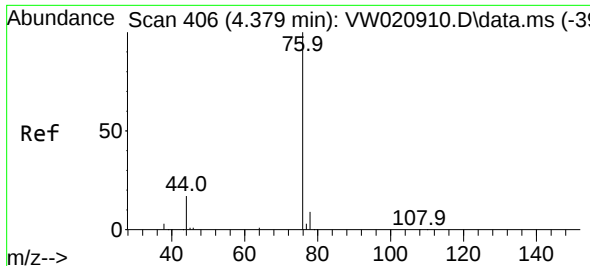
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#16
Acetone
Concen: 205.230 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

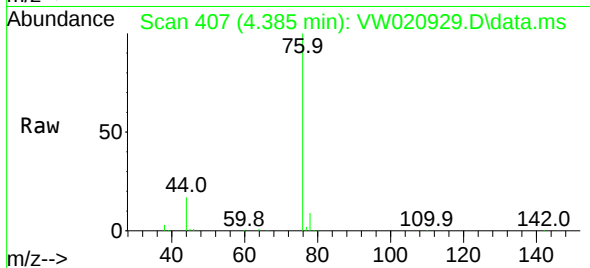
Tgt Ion: 43 Resp: 33543
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.2





#17
Carbon Disulfide
Concen: 51.721 ug/l
RT: 4.385 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

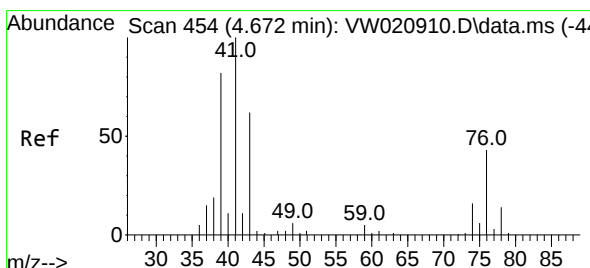
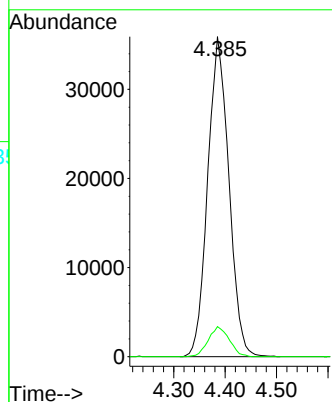
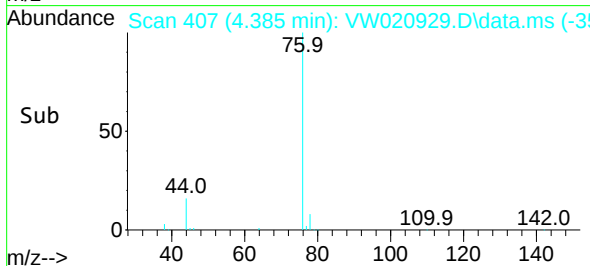
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 102529
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

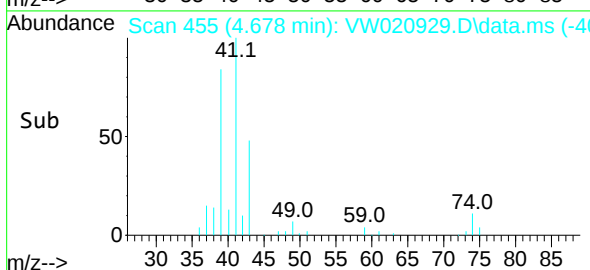
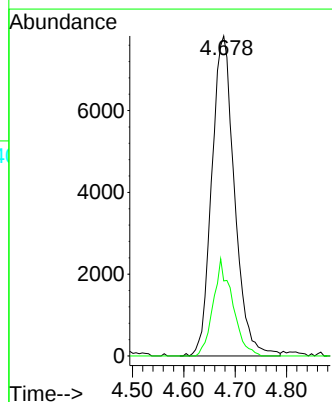
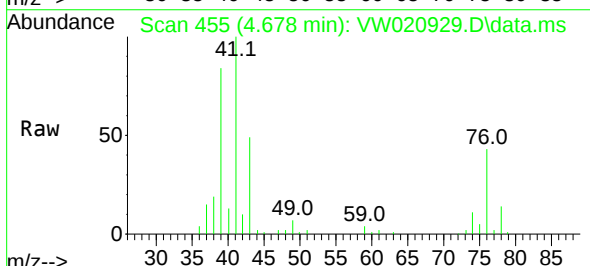
Manual Integrations
APPROVED

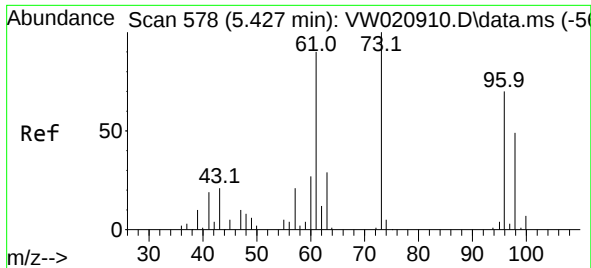
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#18
Methyl Acetate
Concen: 42.076 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion: 43 Resp: 23996
Ion Ratio Lower Upper
43 100
74 26.0 19.7 29.5





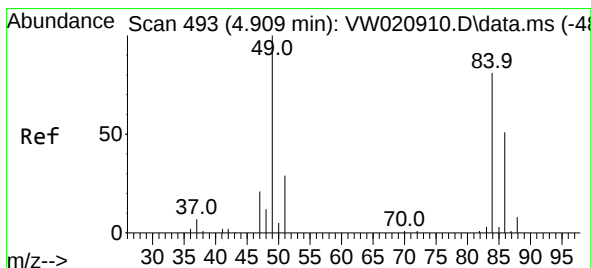
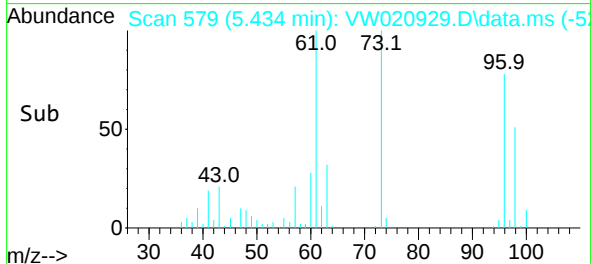
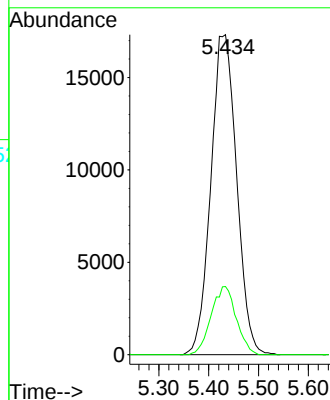
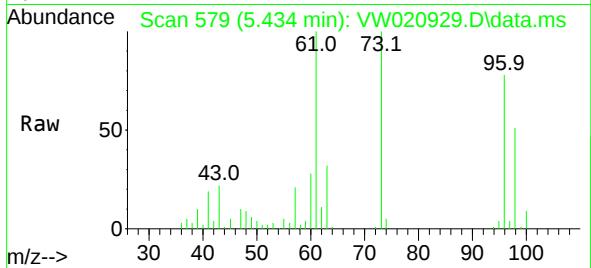
#19
Methyl tert-butyl Ether
Concen: 50.070 ug/l
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 6224
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

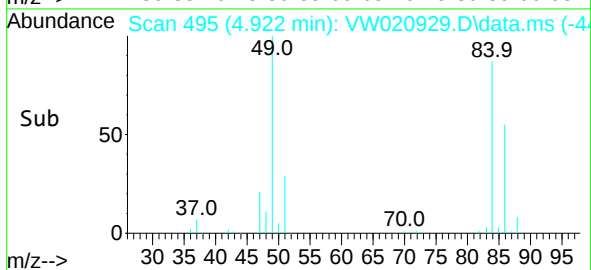
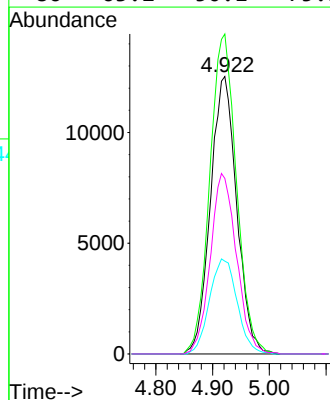
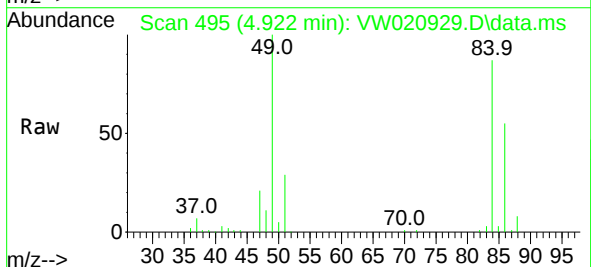
Manual Integrations
APPROVED

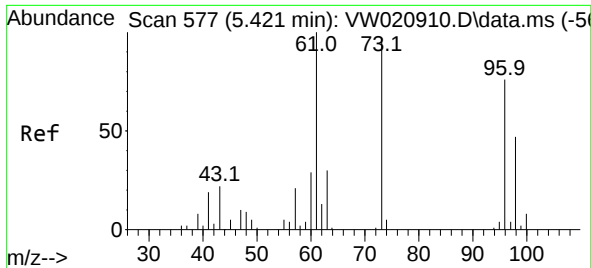
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#20
Methylene Chloride
Concen: 44.155 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.013 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

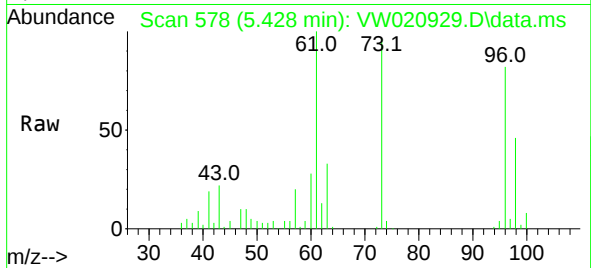
Tgt Ion: 84 Resp: 40309
Ion Ratio Lower Upper
84 100
49 115.3 99.1 148.7
51 33.4 28.8 43.2
86 63.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.878 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

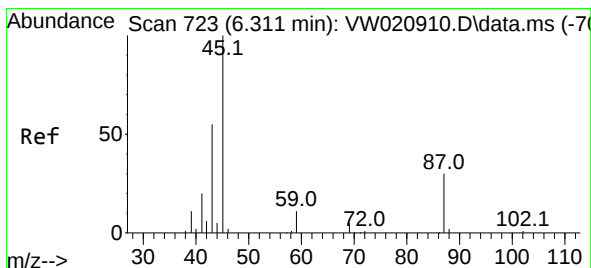
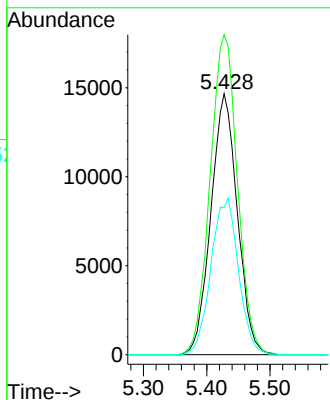
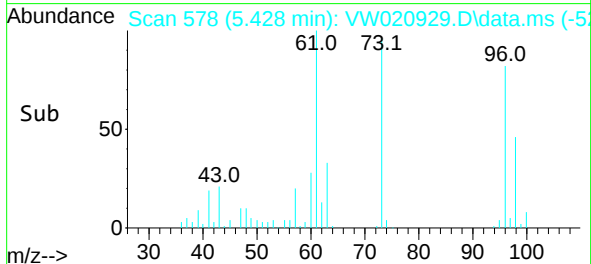
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



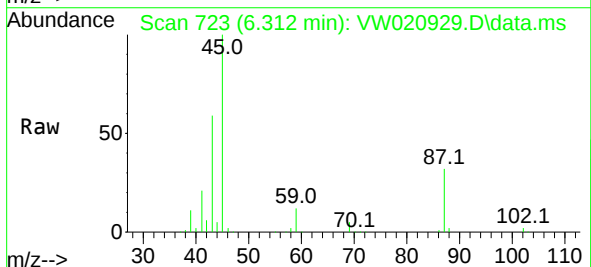
Tgt Ion: 96 Resp: 4260
Ion Ratio Lower Upper
96 100
61 122.6 105.7 158.5
98 56.4 49.7 74.5

Manual Integrations
APPROVED

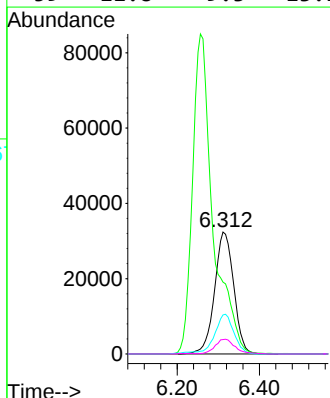
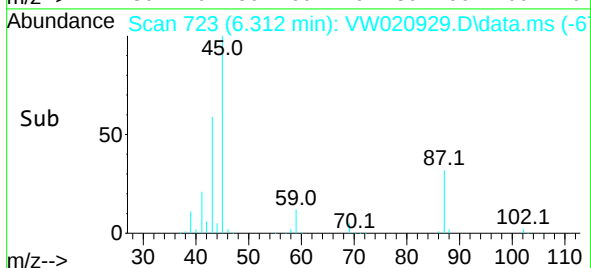
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

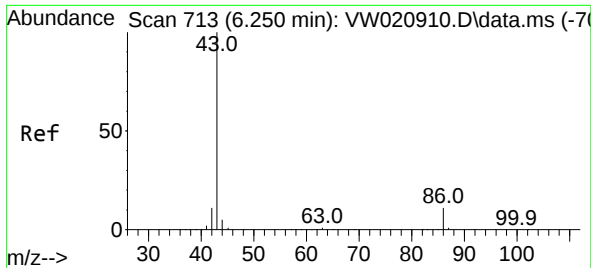


#22
Diisopropyl ether
Concen: 49.330 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion: 45 Resp: 104828
Ion Ratio Lower Upper
45 100
43 58.5 46.2 69.4
87 32.0 25.0 37.6
59 11.8 9.3 13.9





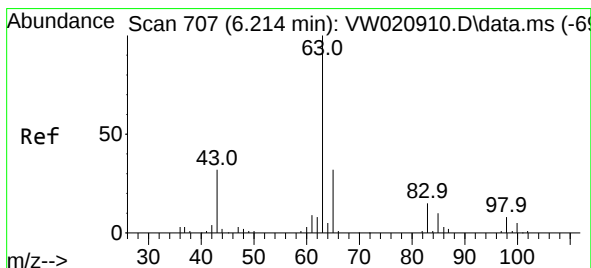
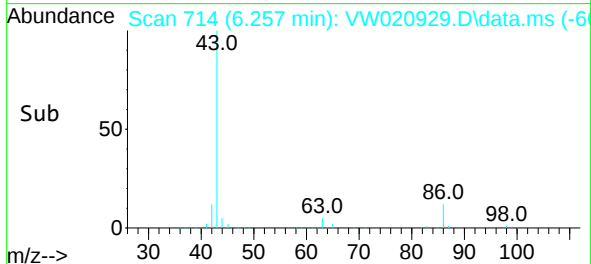
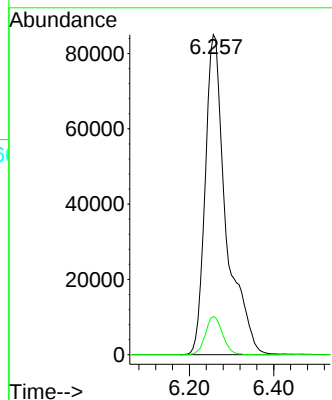
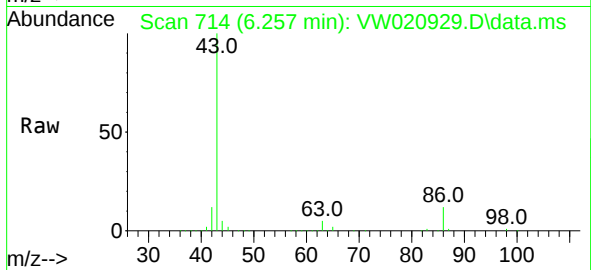
#23
 Vinyl Acetate
 Concen: 235.531 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW020929.D
 Acq: 18 Nov 2021 16:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 29289
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.2 13.8

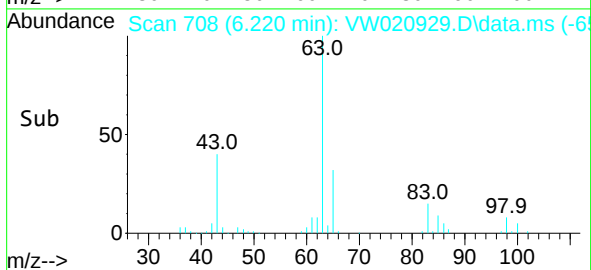
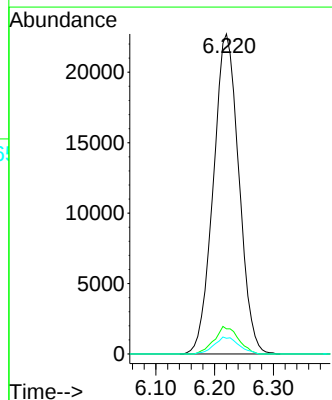
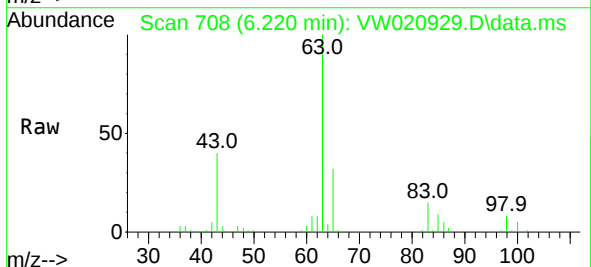
Manual Integrations
 APPROVED

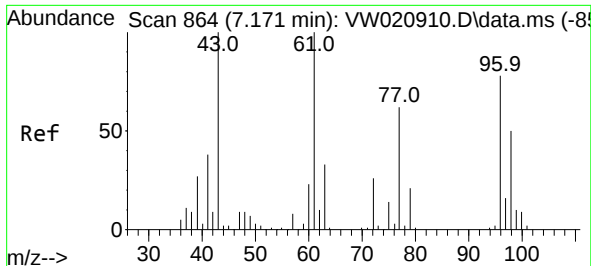
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 50.728 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020929.D
 Acq: 18 Nov 2021 16:43

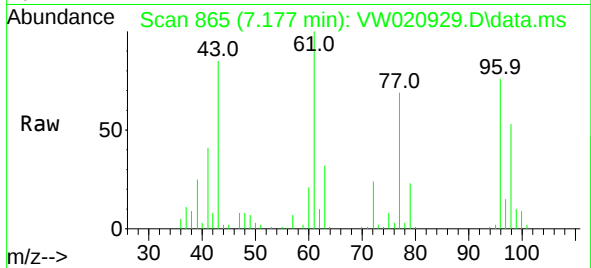
Tgt Ion: 63 Resp: 68583
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.9 2.6 8.0





#25
2-Butanone
Concen: 204.777 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

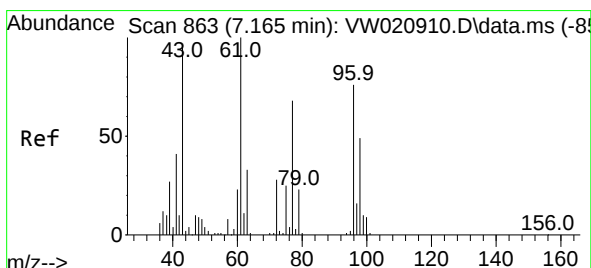
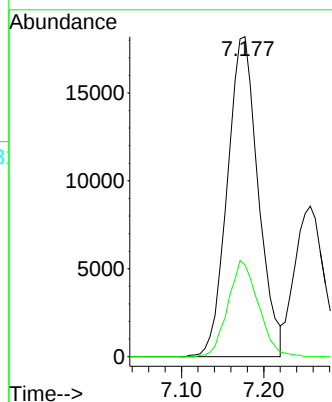
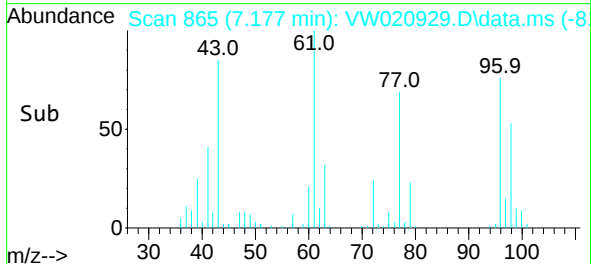
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



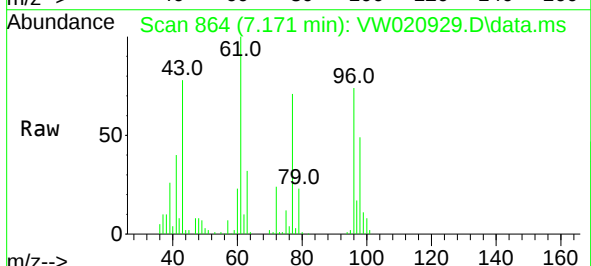
Tgt Ion: 43 Resp: 4753
Ion Ratio Lower Upper
43 100
72 28.6 20.7 31.1

Manual Integrations
APPROVED

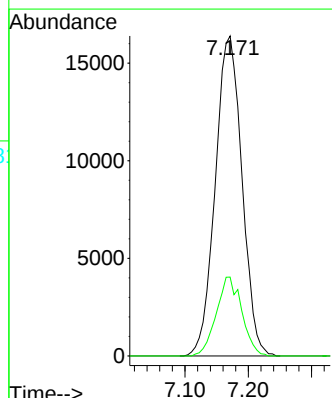
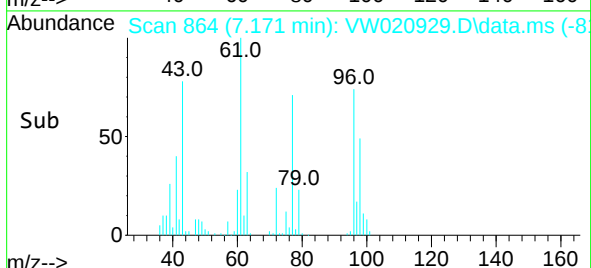
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

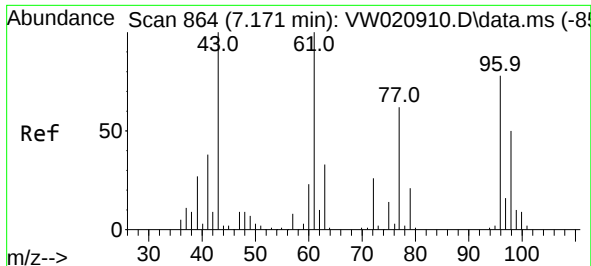


#26
2,2-Dichloropropane
Concen: 50.074 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



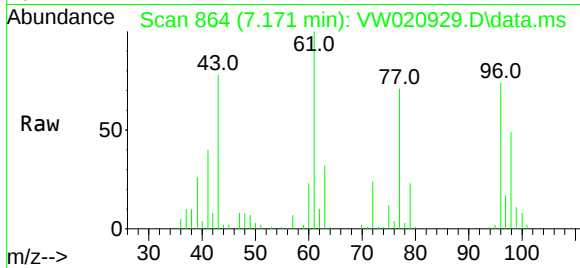
Tgt Ion: 77 Resp: 48036
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 50.596 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

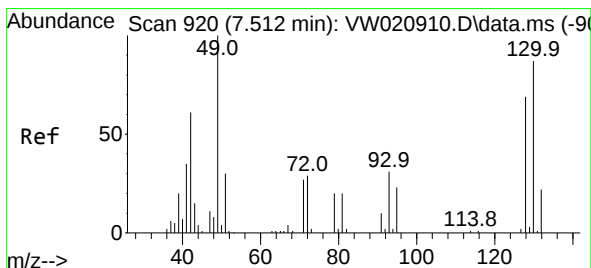
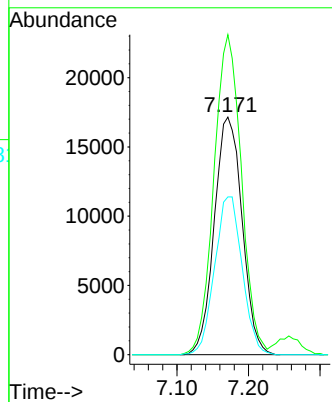
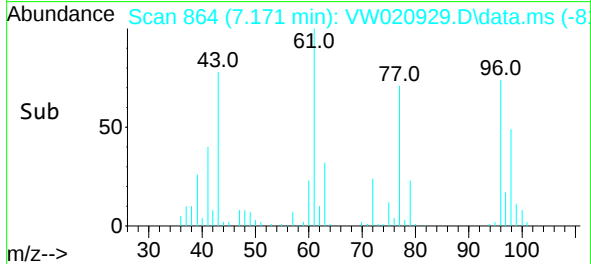
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



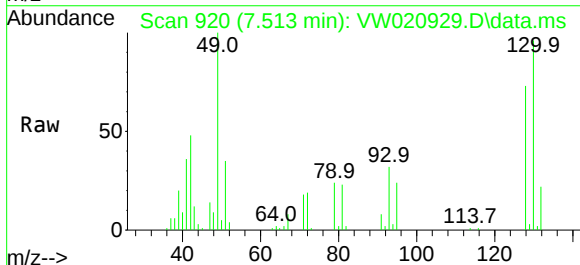
Tgt Ion: 96 Resp: 46410
Ion Ratio Lower Upper
96 100
61 132.7 0.0 266.6
98 65.8 0.0 129.4

Manual Integrations
APPROVED

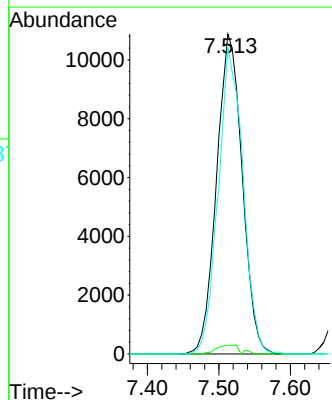
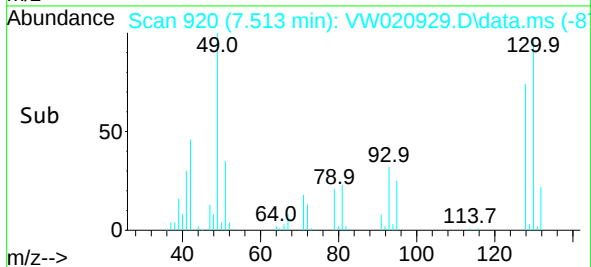
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

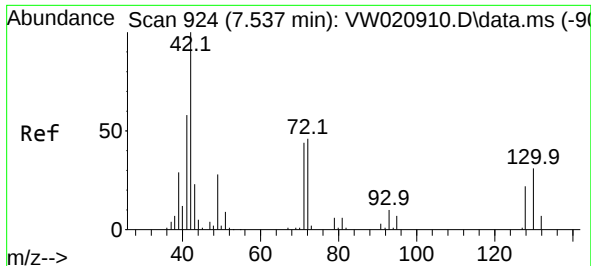


#28
Bromochloromethane
Concen: 47.261 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion: 49 Resp: 27038
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 93.0 70.8 106.2





#29

Tetrahydrofuran

Concen: 212.305 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW020929.D

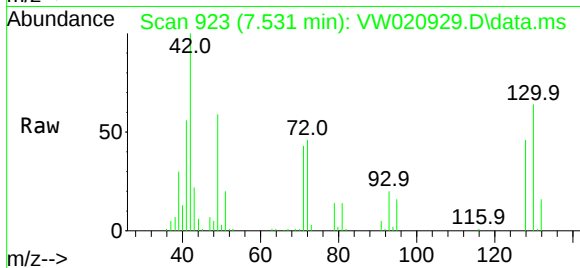
Acq: 18 Nov 2021 16:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

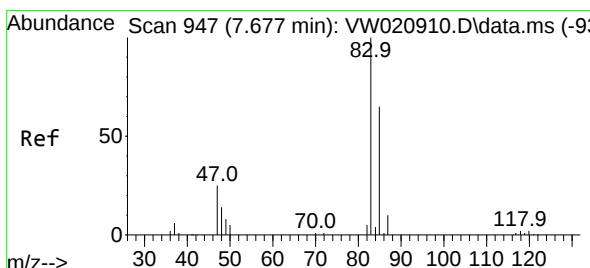
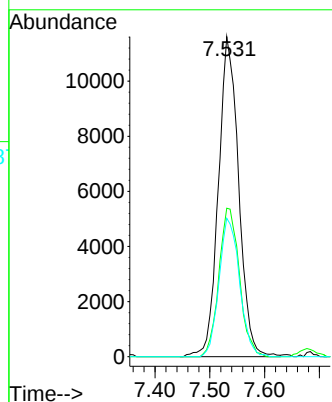
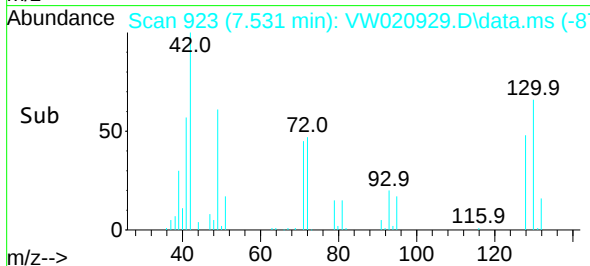


Tgt Ion:	42	Resp:	2988
Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.4	56.0
71	43.6	34.7	52.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#30

Chloroform

Concen: 50.540 ug/l

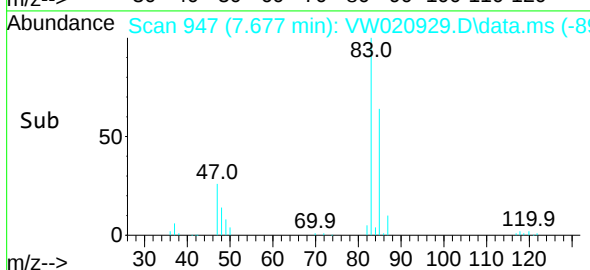
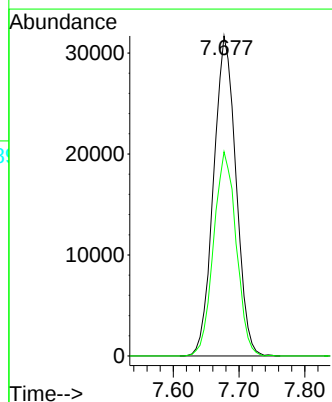
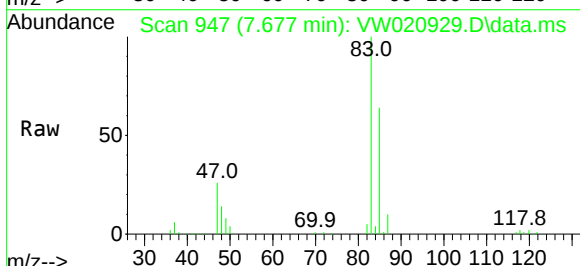
RT: 7.677 min Scan# 947

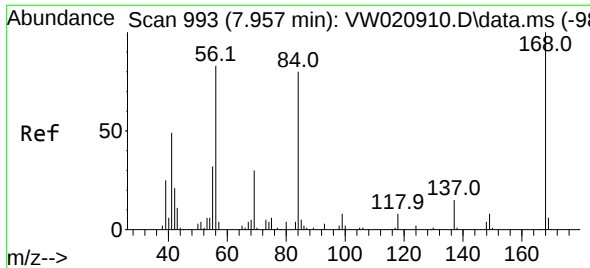
Delta R.T. 0.000 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

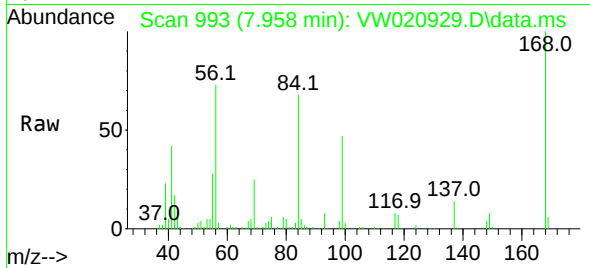
Tgt Ion:	83	Resp:	75172
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5





#31
Cyclohexane
Concen: 48.019 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

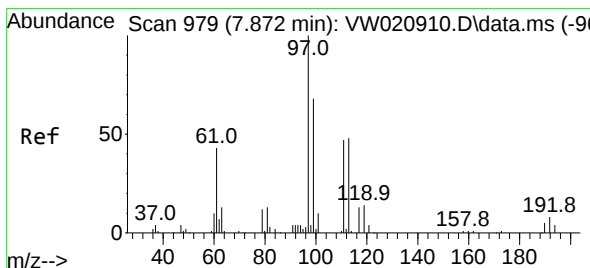
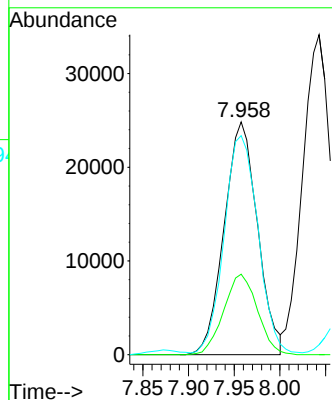
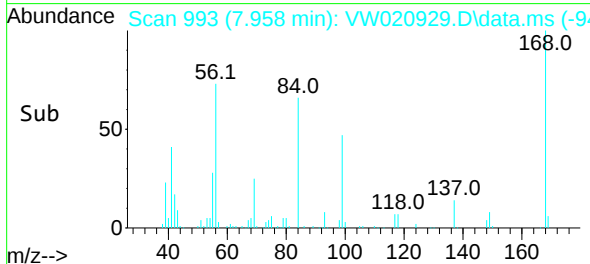
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



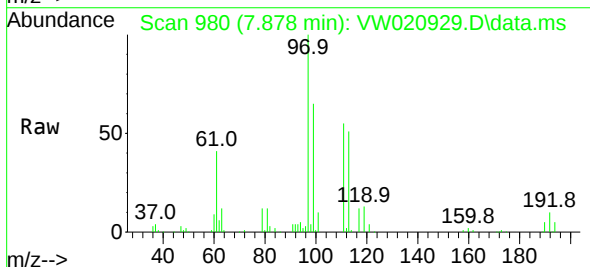
Tgt Ion: 56 Resp: 62980
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 93.0 77.6 116.4

Manual Integrations
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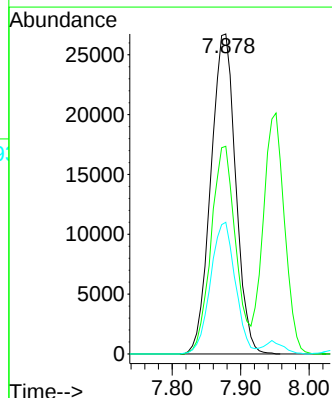
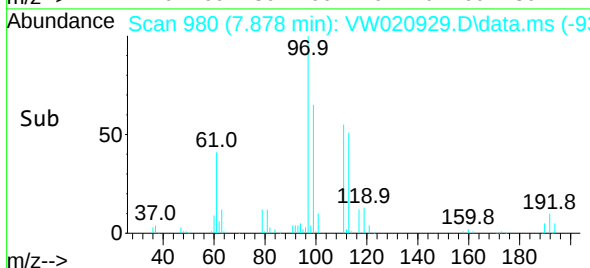
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

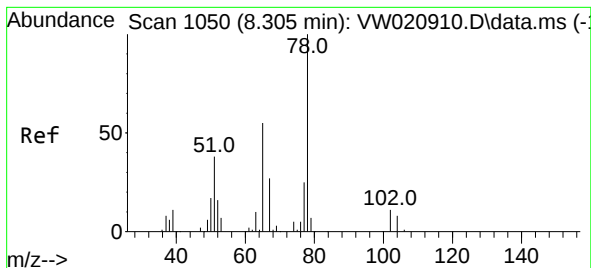


#32
1,1,1-Trichloroethane
Concen: 53.504 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion: 97 Resp: 67195
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 41.3 34.2 51.2





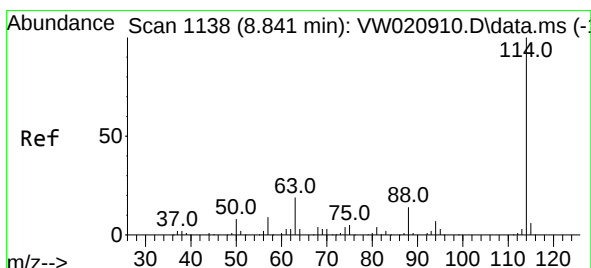
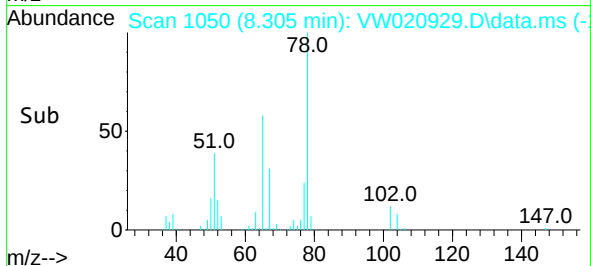
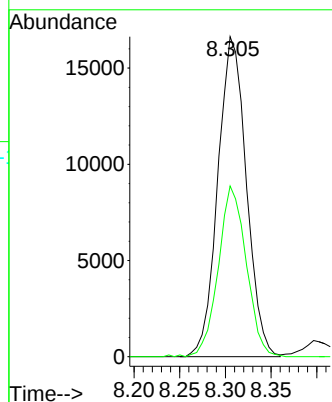
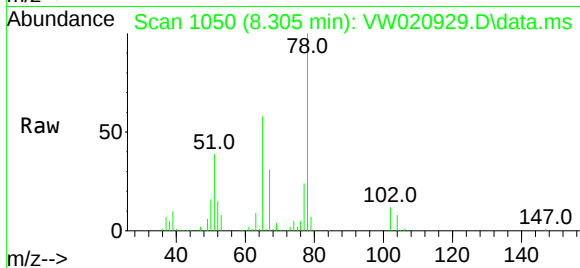
#33
1,2-Dichloroethane-d4
Concen: 45.888 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 36080
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

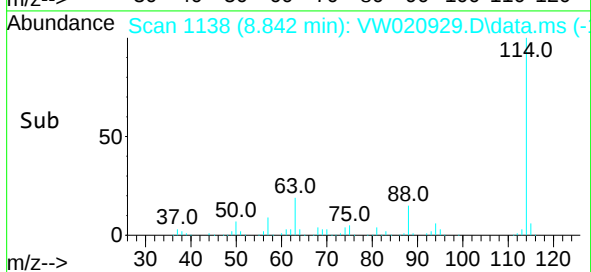
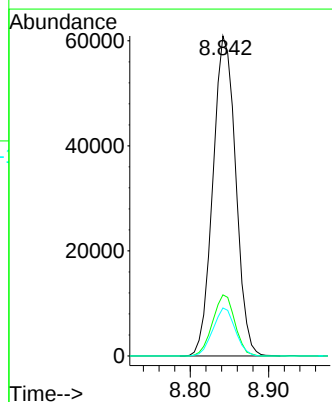
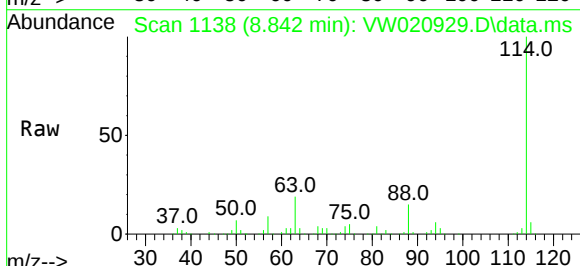
Manual Integrations
APPROVED

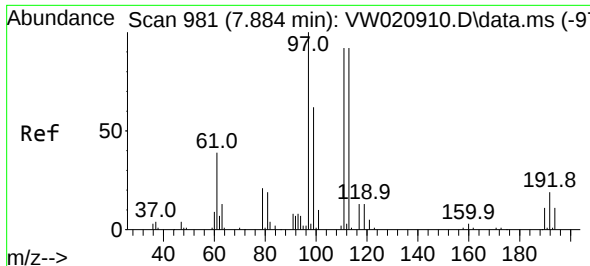
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

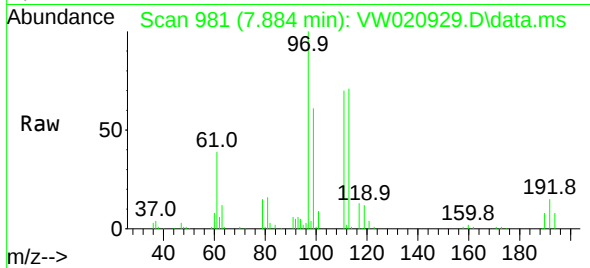
Tgt Ion:114 Resp: 123265
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.2
88 15.0 0.0 28.8





#35
Dibromofluoromethane
Concen: 49.852 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

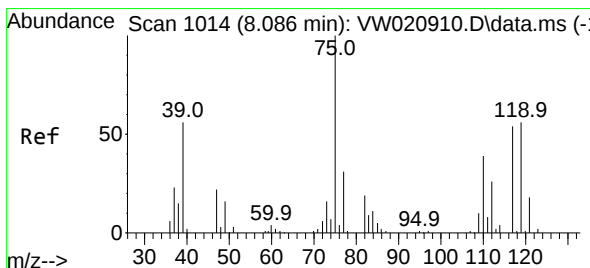
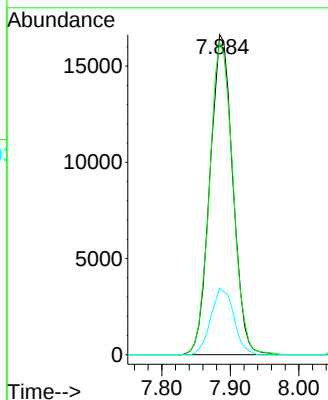
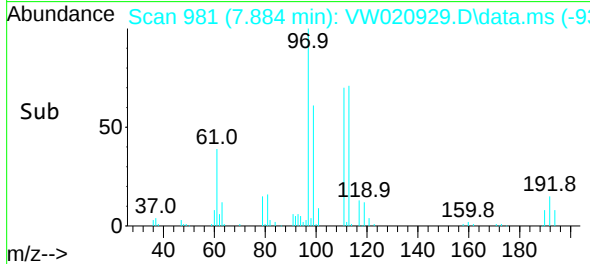
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 3854
Ion Ratio Lower Upper
113 100
111 100.0 81.2 121.8
192 20.9 16.8 25.2

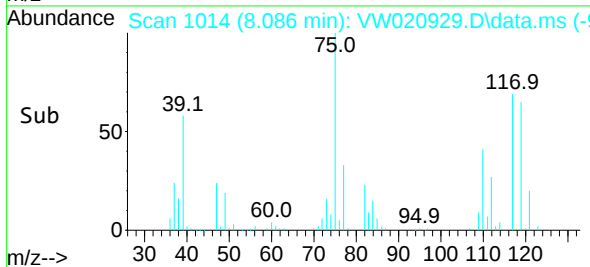
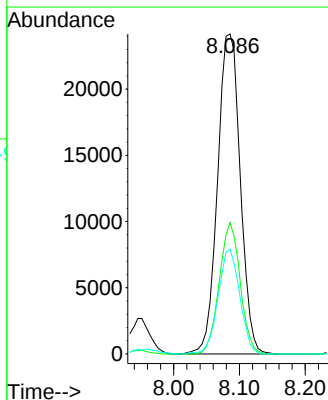
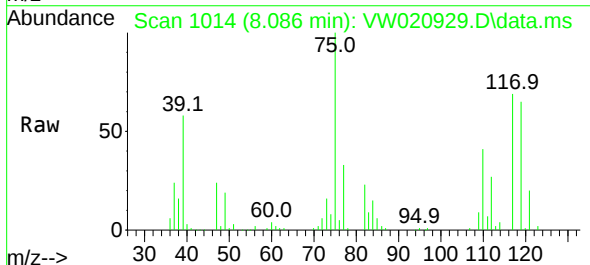
Manual Integrations
APPROVED

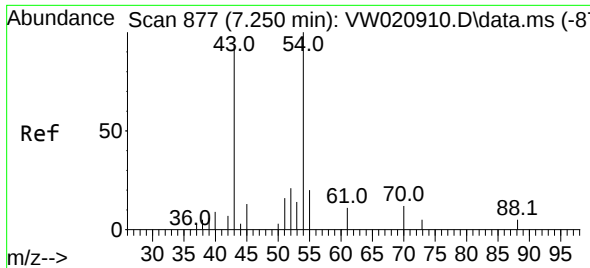
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#36
1,1-Dichloropropene
Concen: 52.436 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

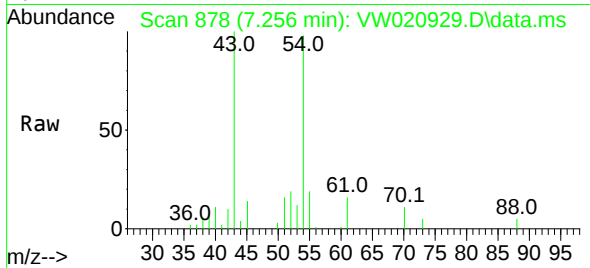
Tgt Ion: 75 Resp: 58066
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.5
77 31.3 24.8 37.2





#37
Ethyl Acetate
Concen: 42.730 ug/l
RT: 7.256 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

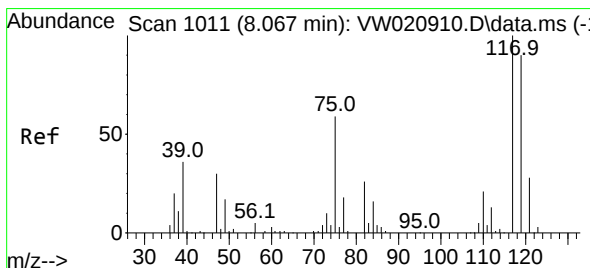
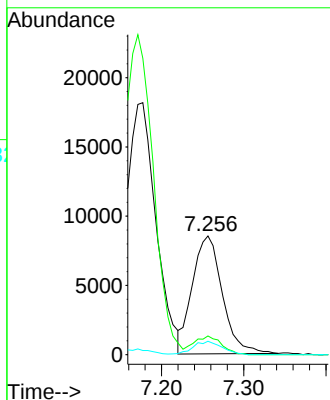
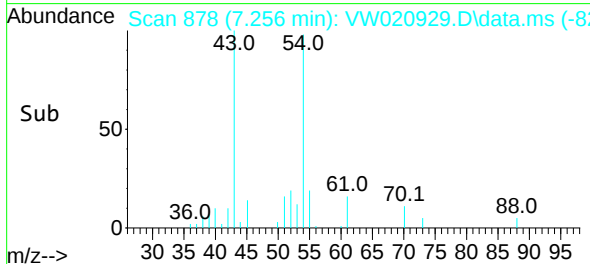
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



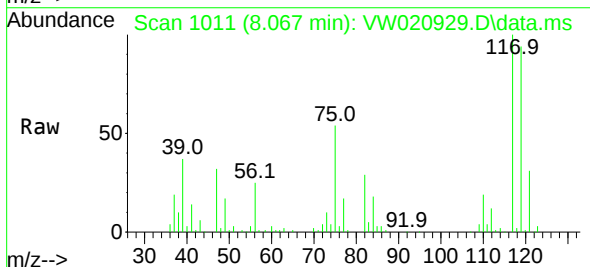
Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 11.0 9.2 13.8

Manual Integrations
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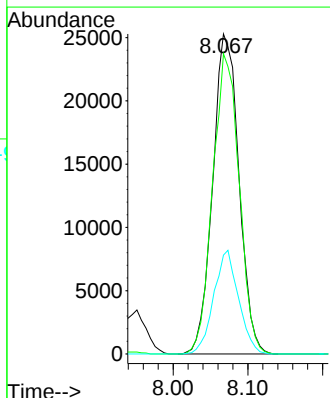
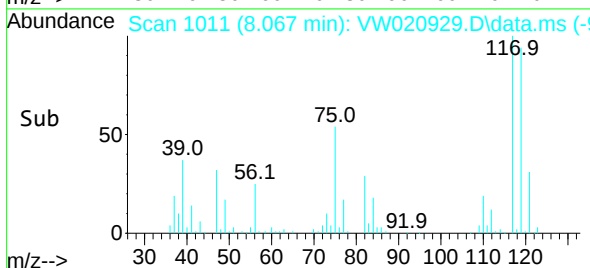
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

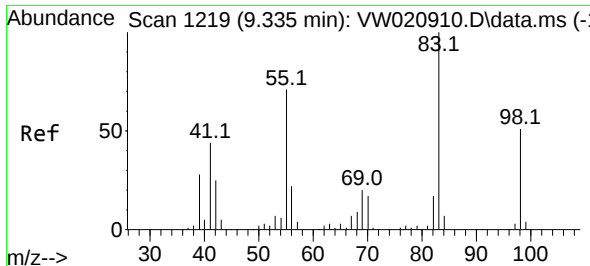


#38
Carbon Tetrachloride
Concen: 52.359 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion:117 Resp: 61678
Ion Ratio Lower Upper
117 100
119 93.8 72.0 108.0
121 30.9 22.6 33.8





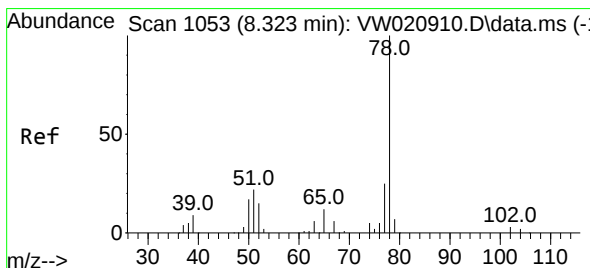
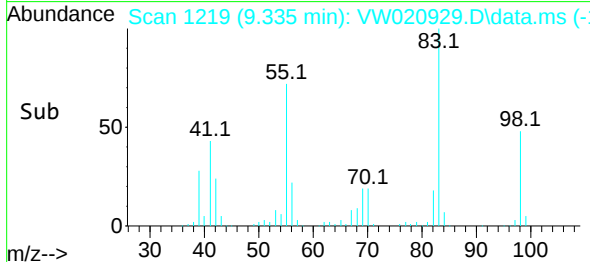
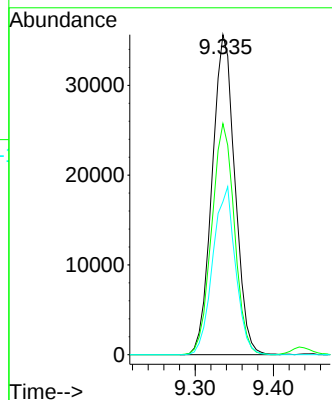
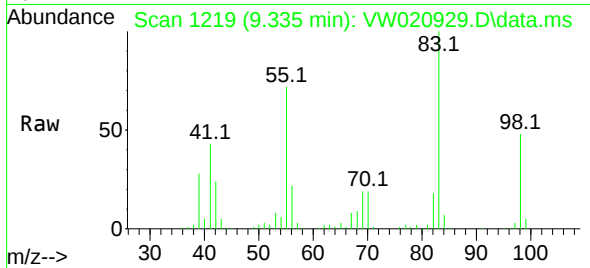
#39
Methylcyclohexane
Concen: 51.912 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 72170
Ion Ratio Lower Upper
83 100
55 72.2 56.6 85.0
98 47.8 41.0 61.4

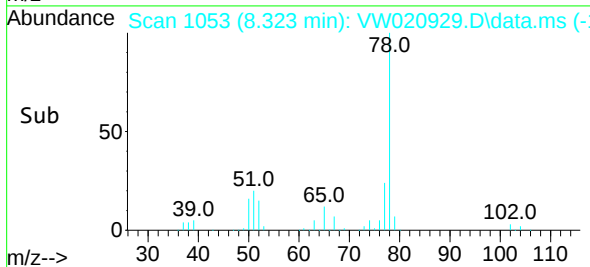
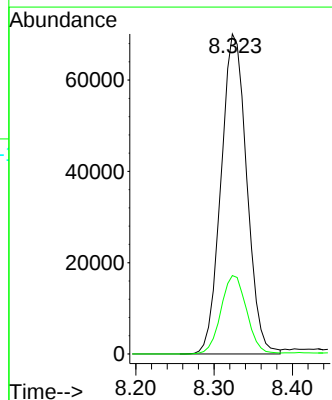
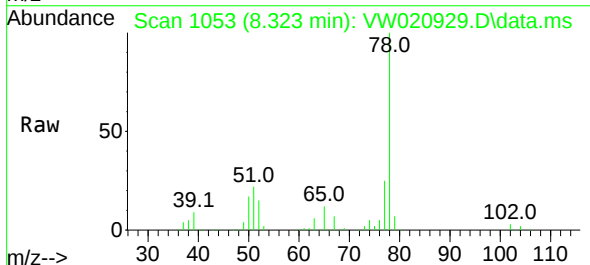
Manual Integrations
APPROVED

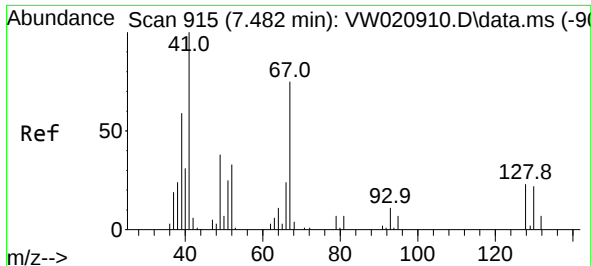
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#40
Benzene
Concen: 50.652 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

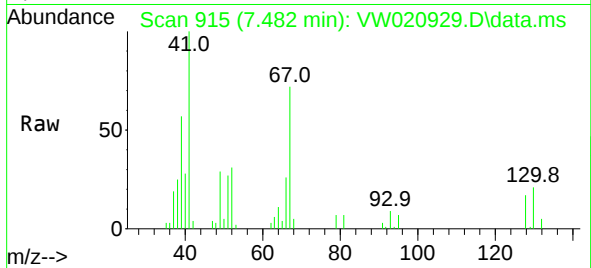
Tgt Ion: 78 Resp: 159928
Ion Ratio Lower Upper
78 100
77 24.5 20.0 30.0





#41
Methacrylonitrile
Concen: 47.250 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

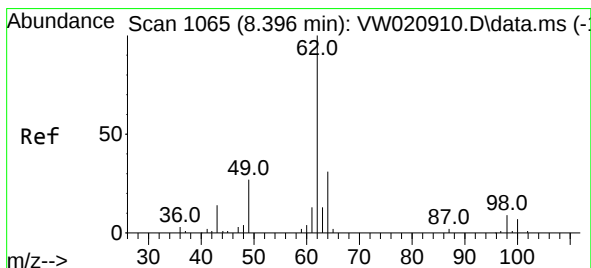
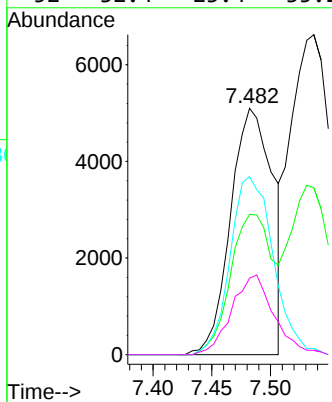
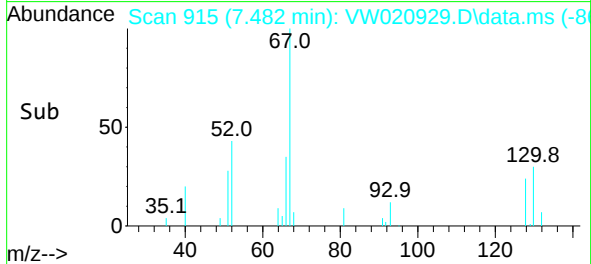
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



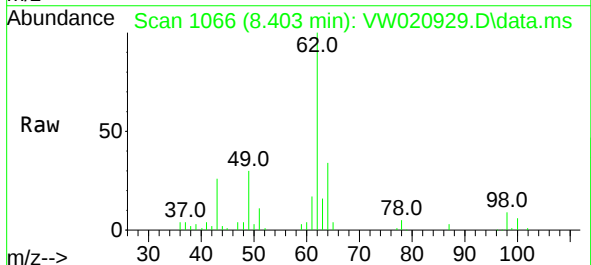
Tgt Ion: 41 Resp: 12725
Ion Ratio Lower Upper
41 100
39 57.1 42.9 64.3
67 74.0 56.2 84.4
52 32.4 23.4 35.2

Manual Integrations
APPROVED

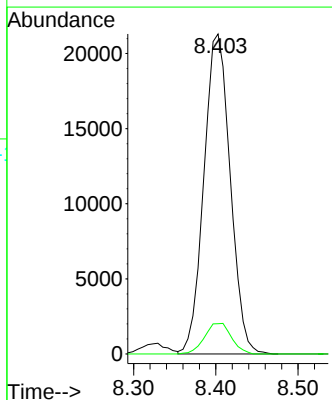
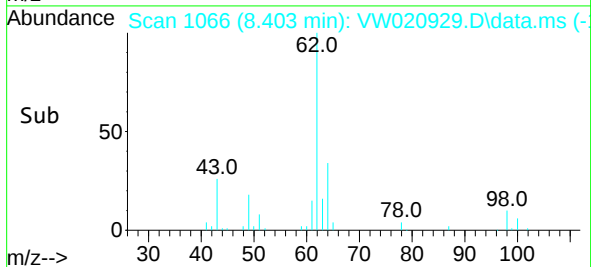
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

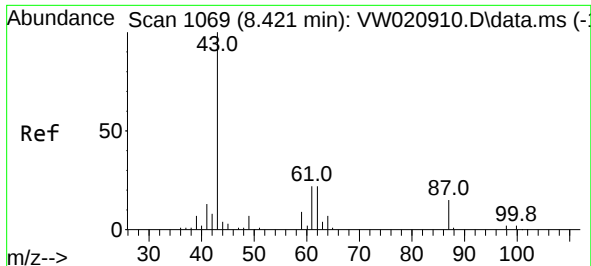


#42
1,2-Dichloroethane
Concen: 49.546 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



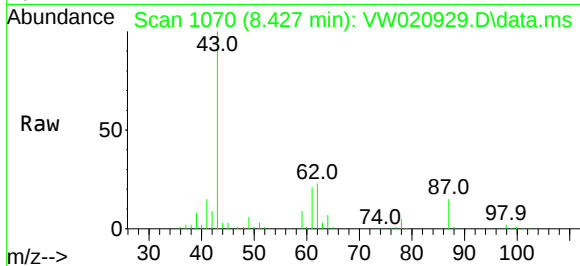
Tgt Ion: 62 Resp: 47454
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.0





#43
Isopropyl Acetate
Concen: 45.342 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

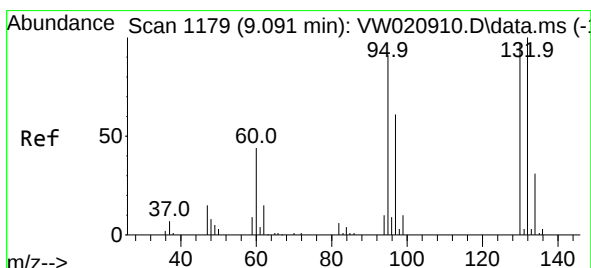
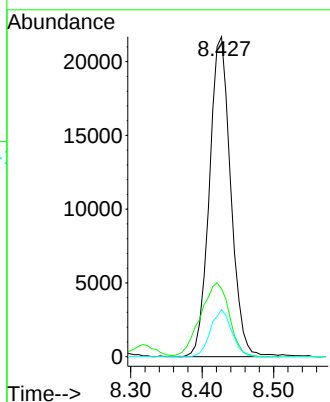
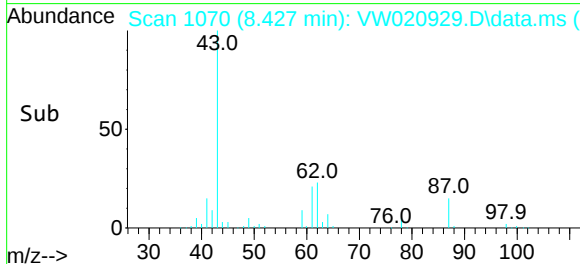
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 44940
Ion Ratio Lower Upper
43 100
61 31.1 23.7 35.5
87 14.5 11.5 17.3

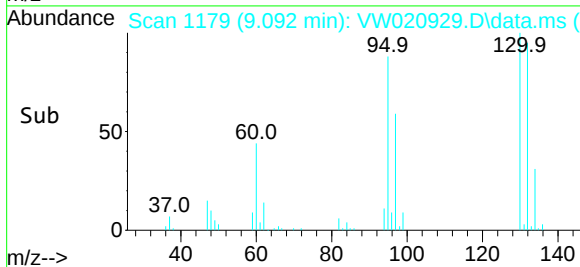
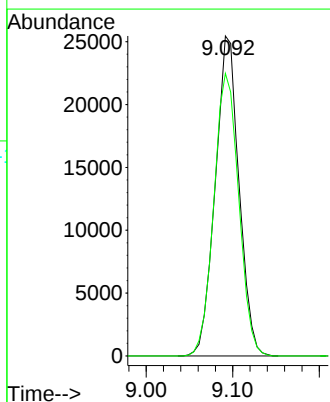
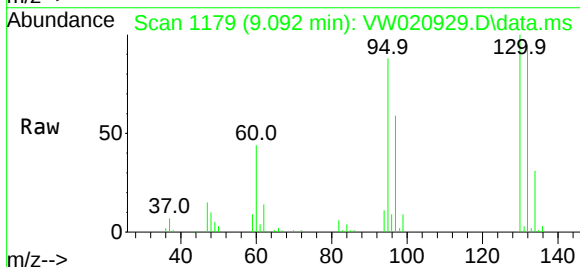
Manual Integrations
APPROVED

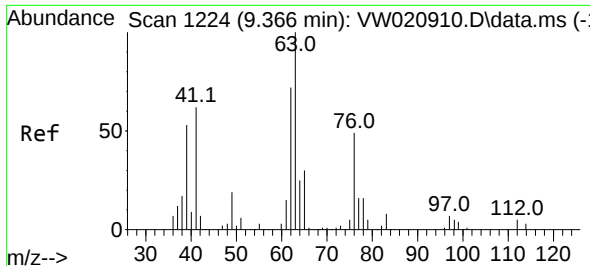
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#44
Trichloroethene
Concen: 52.618 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion:130 Resp: 48473
Ion Ratio Lower Upper
130 100
95 88.3 0.0 186.6





#45

1,2-Dichloropropane

Concen: 50.774 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 36920

Ion Ratio Lower Upper

63 100

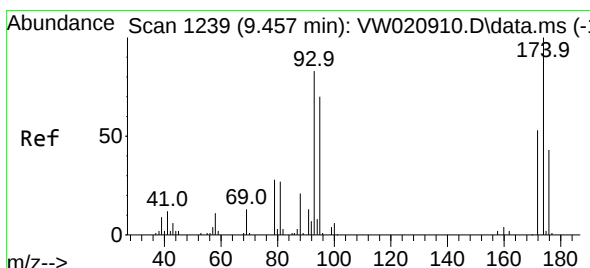
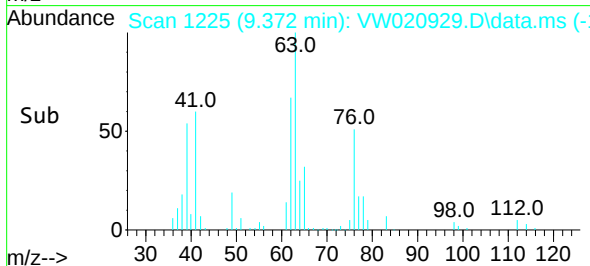
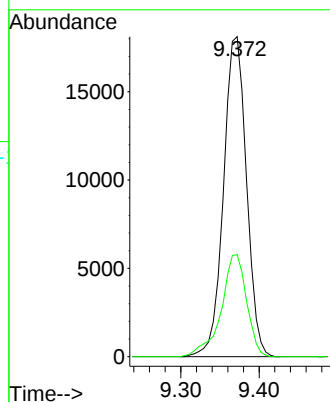
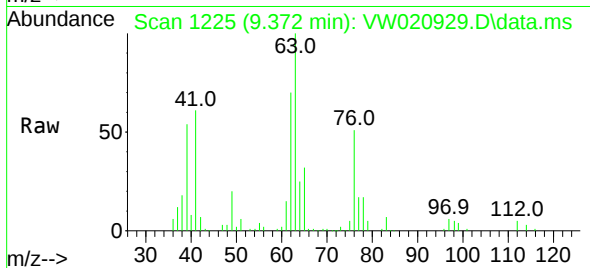
65 31.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#46

Dibromomethane

Concen: 49.818 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

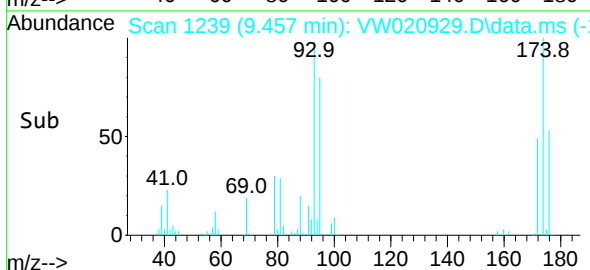
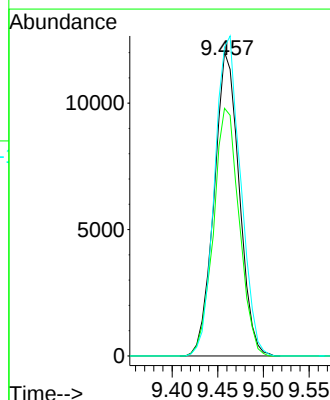
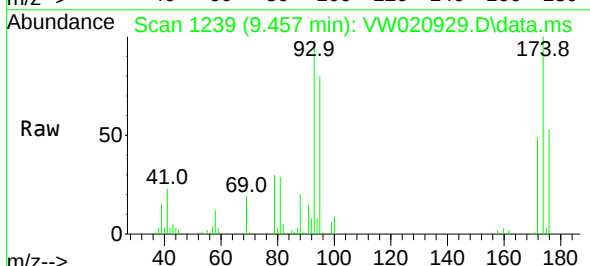
Tgt Ion: 93 Resp: 22951

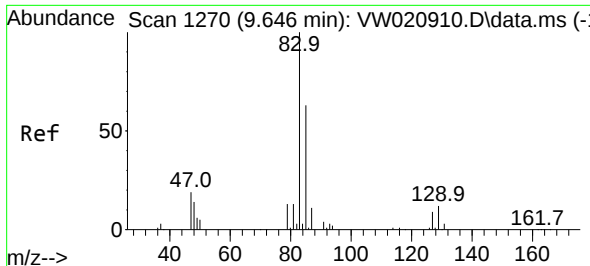
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 108.6 91.1 136.7





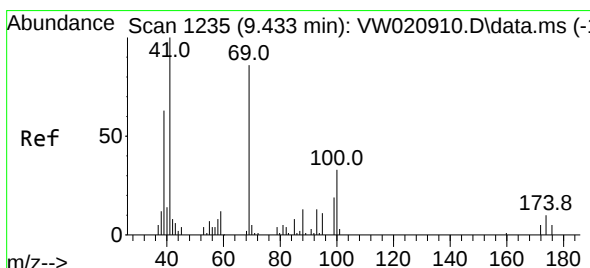
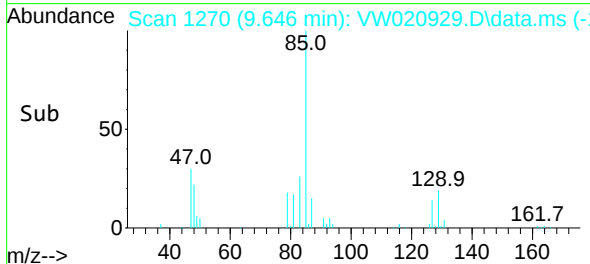
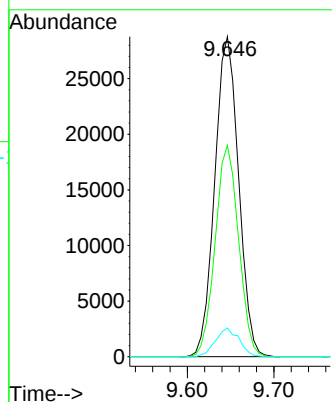
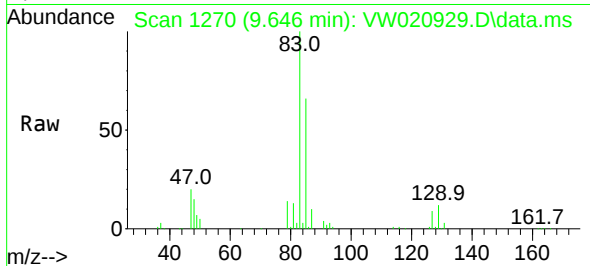
#47
Bromodichloromethane
Concen: 50.504 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 55048
Ion Ratio Lower Upper
83 100
85 66.0 50.3 75.5
127 9.0 7.1 10.7

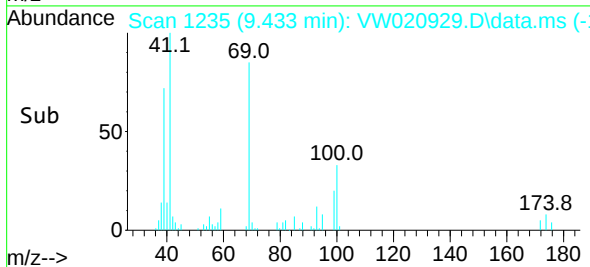
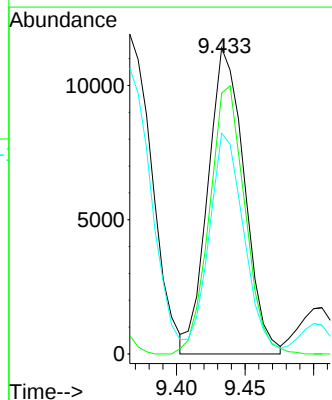
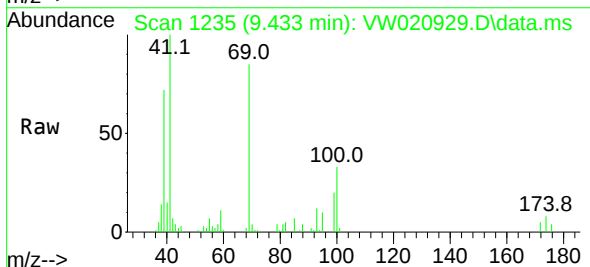
Manual Integrations
APPROVED

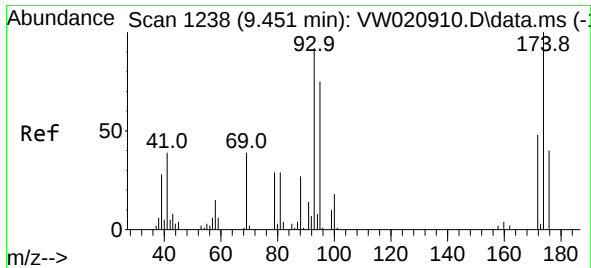
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#48
Methyl methacrylate
Concen: 47.827 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion: 41 Resp: 21090
Ion Ratio Lower Upper
41 100
69 85.2 72.9 109.3
39 65.0 54.2 81.4





#49

1,4-Dioxane

Concen: 772.629 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

Instrument :

MSVOA_W

ClientSampleId :

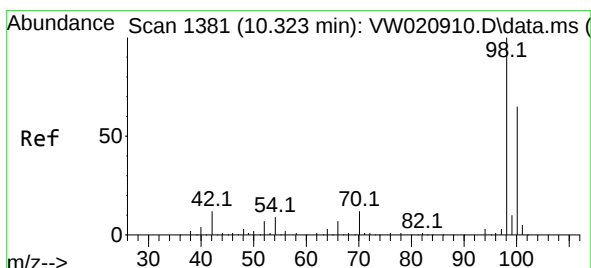
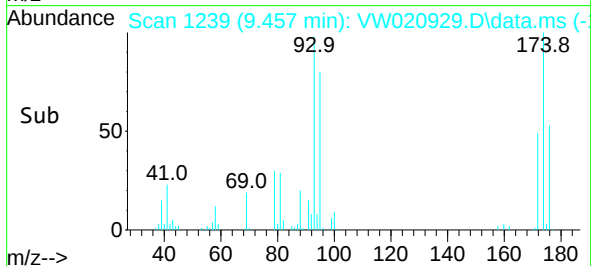
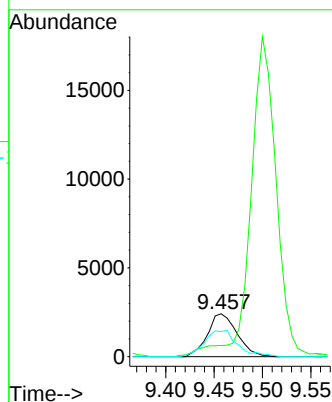
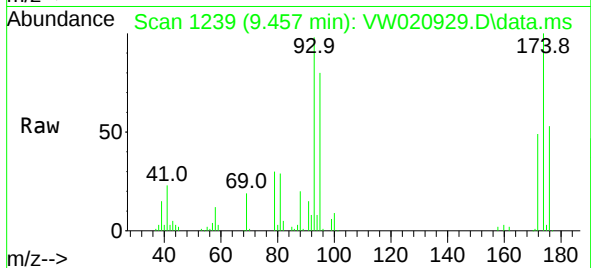
VSTDCCC050EC

Tgt Ion: 88 Resp: 5129
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8
 58 68.8 51.8 77.8

Manual Integrations

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Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#50

Toluene-d8

Concen: 49.465 ug/l

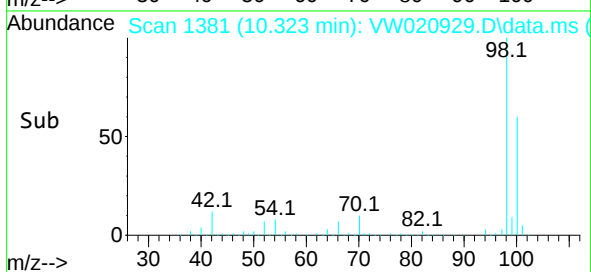
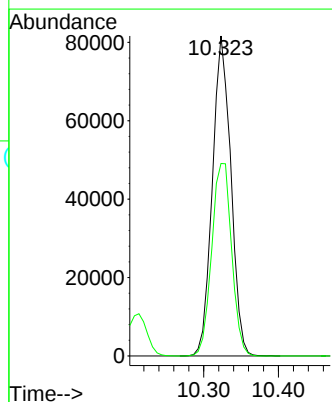
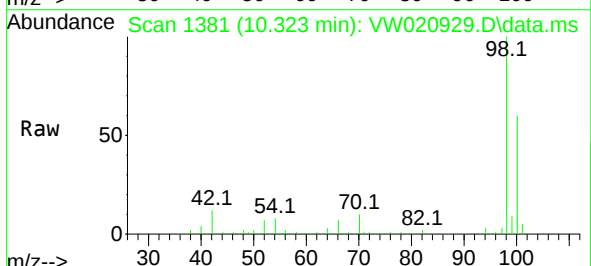
RT: 10.323 min Scan# 1381

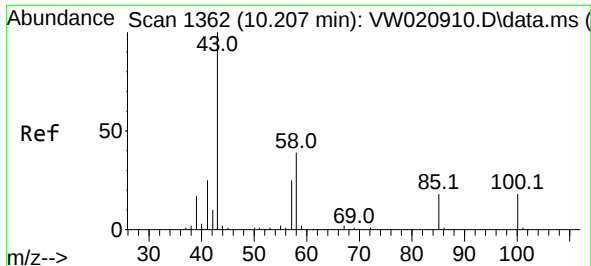
Delta R.T. 0.000 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

Tgt Ion: 98 Resp: 140269
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.6 79.0





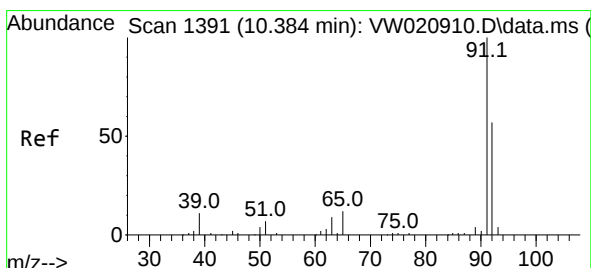
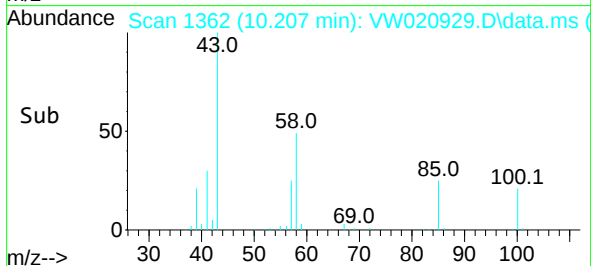
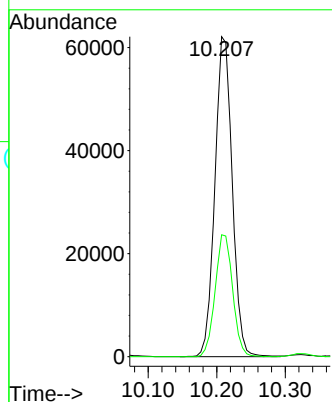
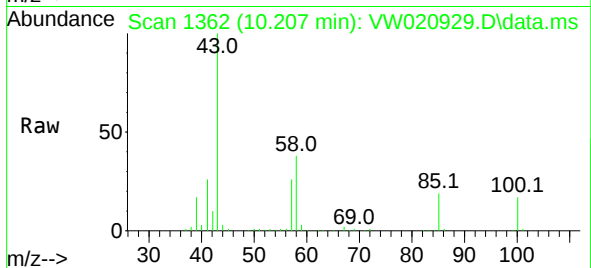
#51
4-Methyl-2-Pentanone
Concen: 216.032 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 109032
Ion Ratio Lower Upper
43 100
58 38.5 30.9 46.3

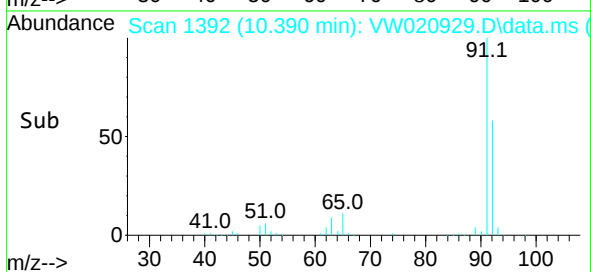
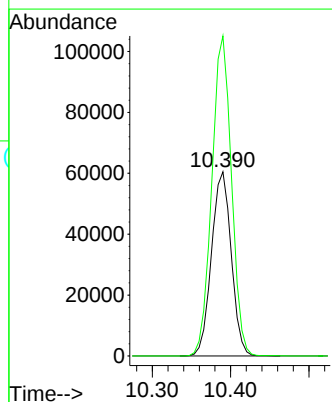
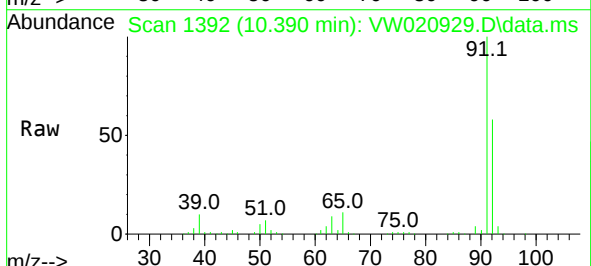
Manual Integrations
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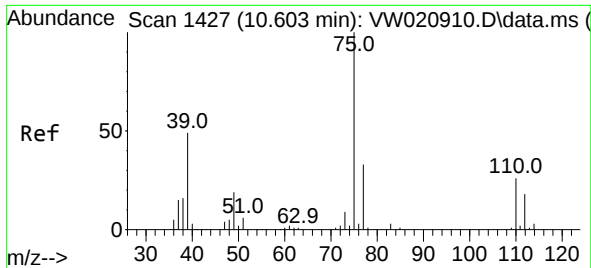
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#52
Toluene
Concen: 52.144 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

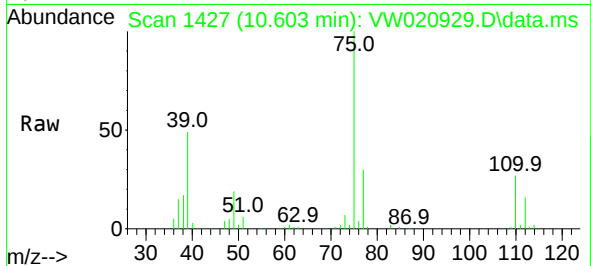
Tgt Ion: 92 Resp: 105830
Ion Ratio Lower Upper
92 100
91 172.9 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 49.641 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

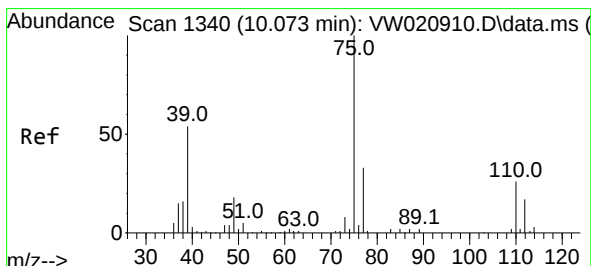
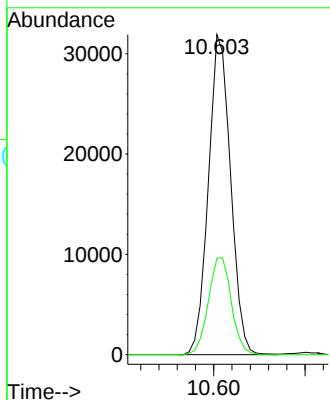
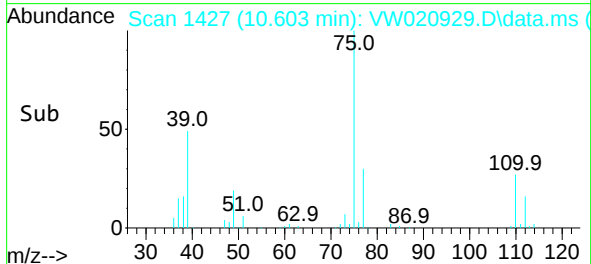
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5372
Ion Ratio Lower Upper
75 100
77 30.2 26.1 39.1

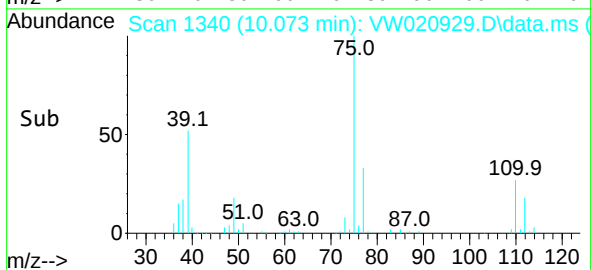
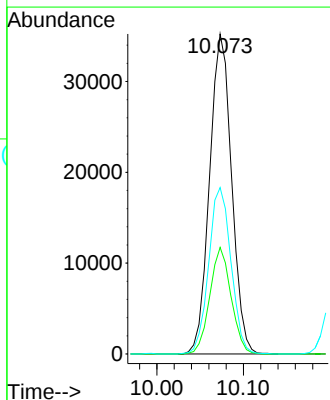
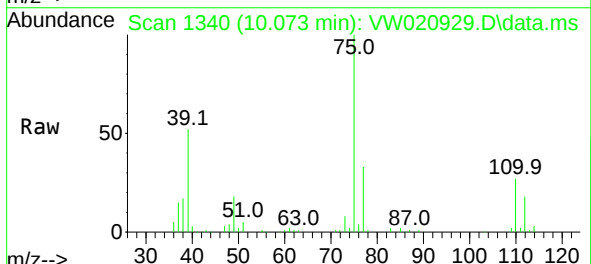
Manual Integrations
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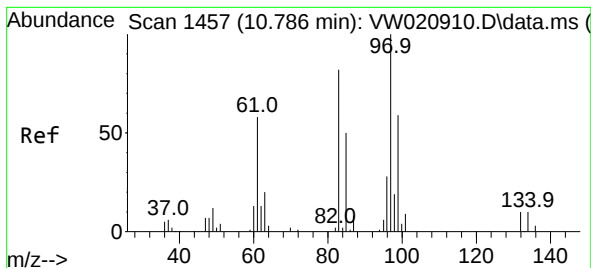
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#54
cis-1,3-Dichloropropene
Concen: 50.857 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion: 75 Resp: 62284
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.4
39 52.0 43.0 64.6





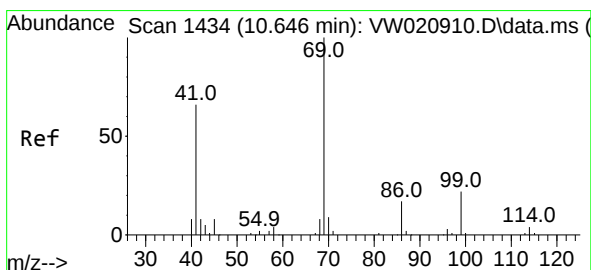
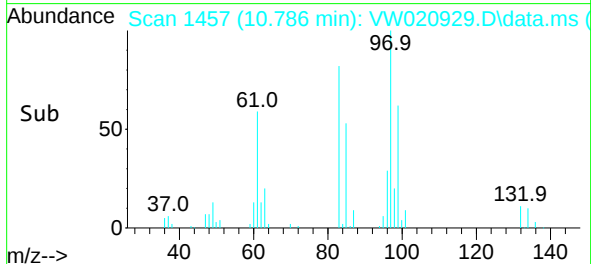
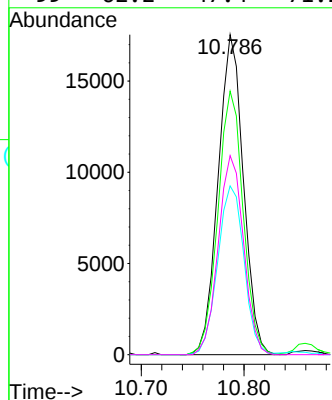
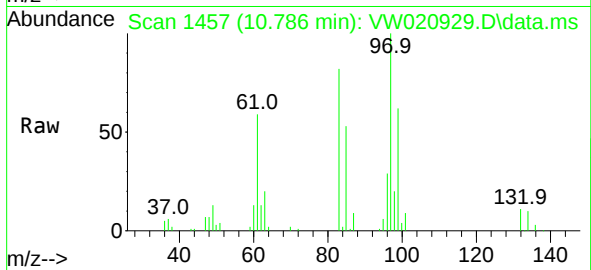
#55
1,1,2-Trichloroethane
Concen: 48.390 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.4	98.2
85	52.7	39.9	59.9
99	62.2	47.4	71.2

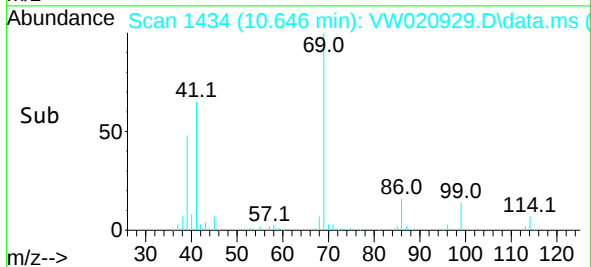
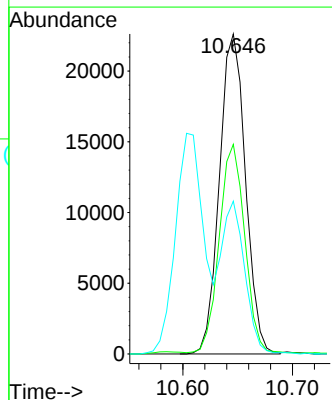
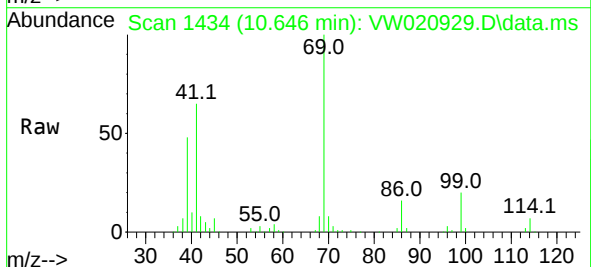
Manual Integrations
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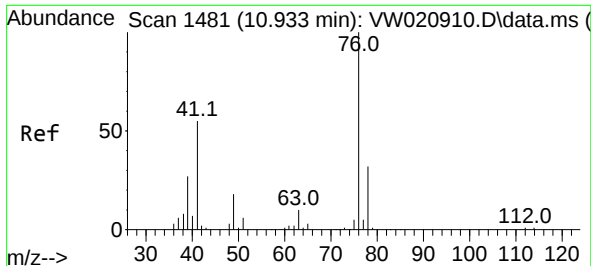
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#56
Ethyl methacrylate
Concen: 47.460 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

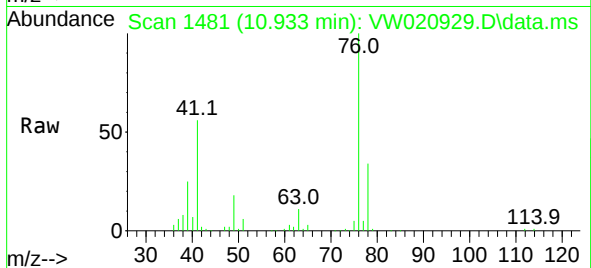
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.9	79.3
39	43.2	33.7	50.5





#57
1,3-Dichloropropane
Concen: 48.749 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

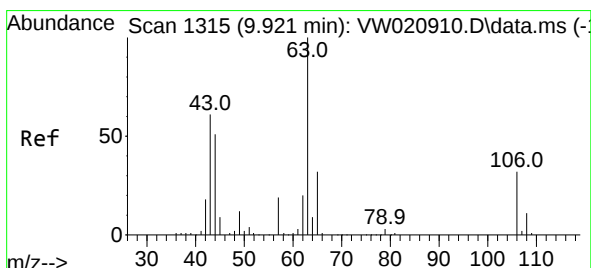
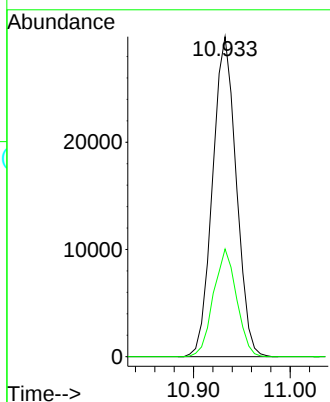
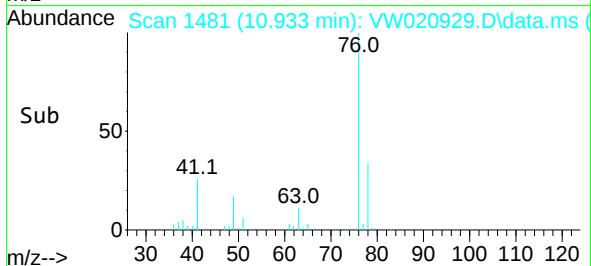
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



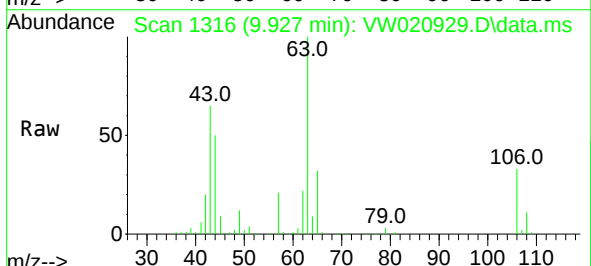
Tgt Ion: 76 Resp: 50694
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

Manual Integrations
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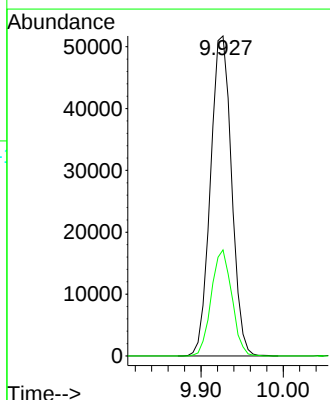
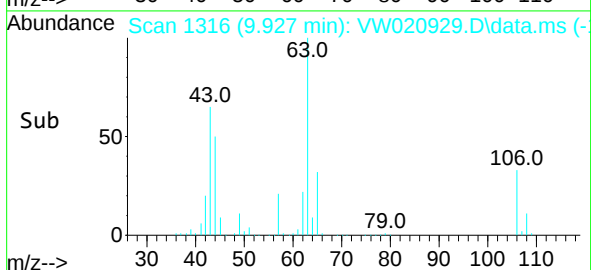
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

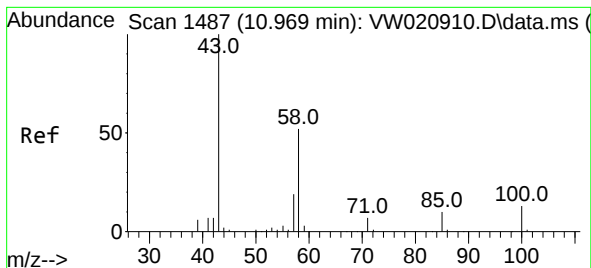


#58
2-Chloroethyl Vinyl ether
Concen: 232.429 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



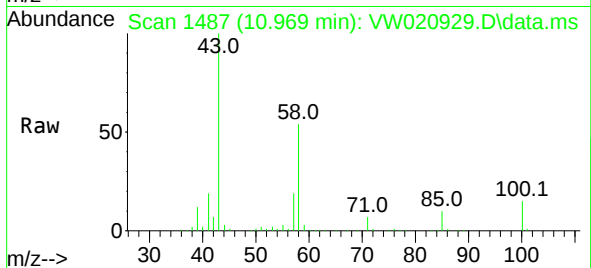
Tgt Ion: 63 Resp: 91999
Ion Ratio Lower Upper
63 100
106 32.3 26.3 39.5





#59
2-Hexanone
Concen: 214.429 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

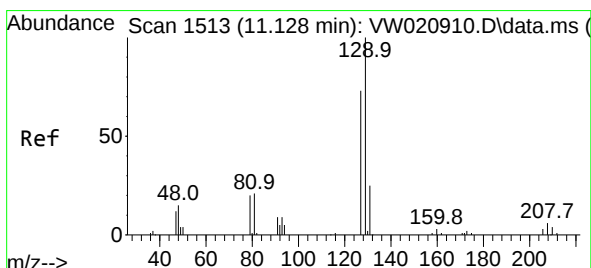
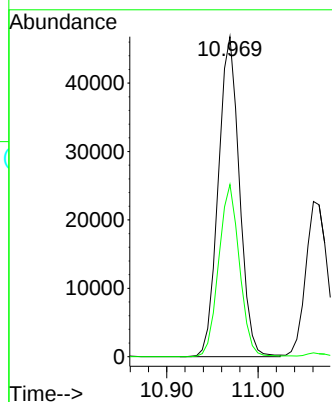
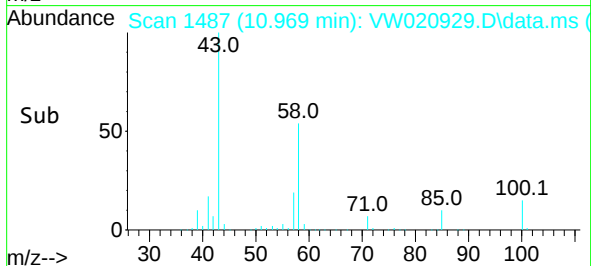
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



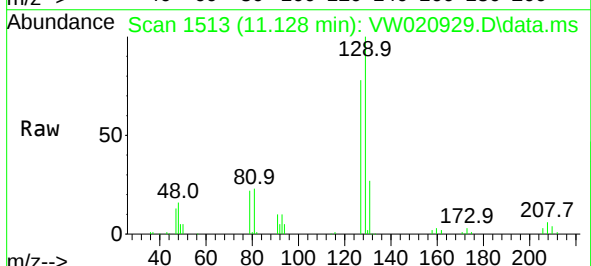
Tgt Ion: 43 Resp: 75285
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.0

Manual Integrations
APPROVED

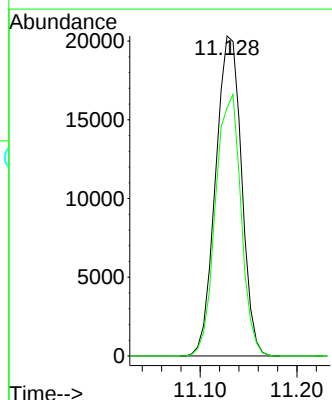
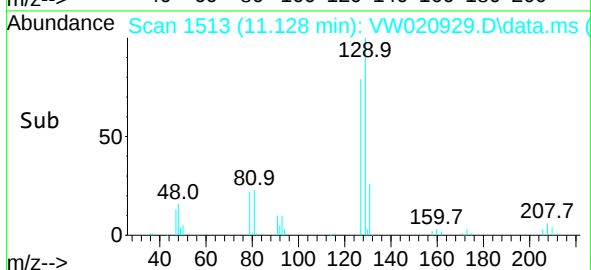
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

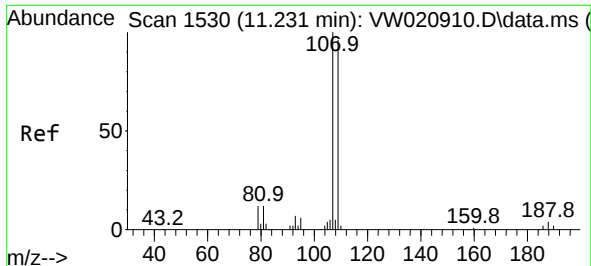


#60
Dibromochloromethane
Concen: 48.627 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



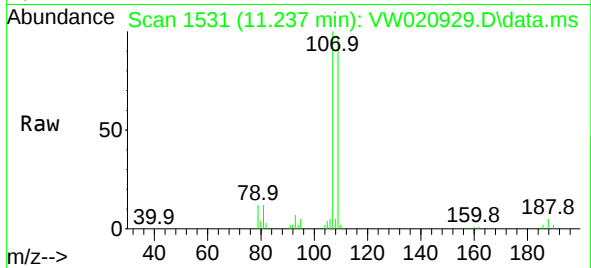
Tgt Ion:129 Resp: 37864
Ion Ratio Lower Upper
129 100
127 80.3 38.4 115.1





#61
1,2-Dibromoethane
Concen: 48.445 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

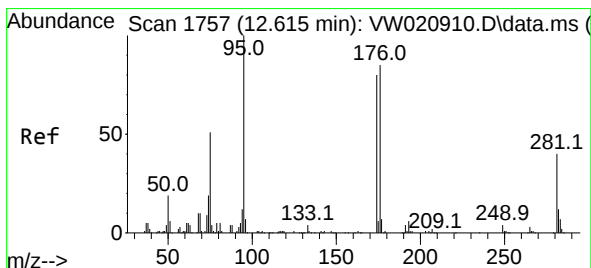
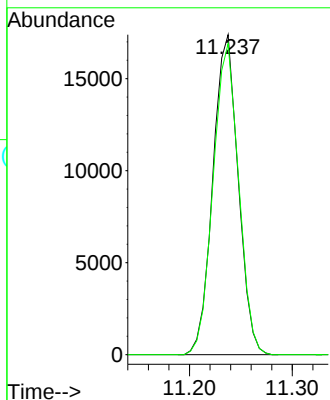
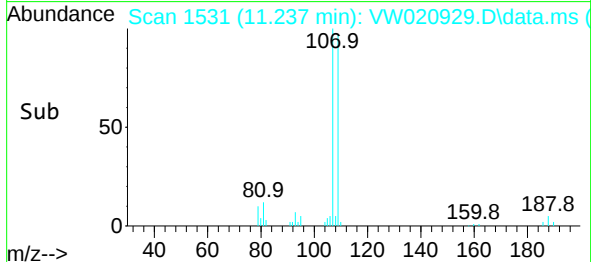
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



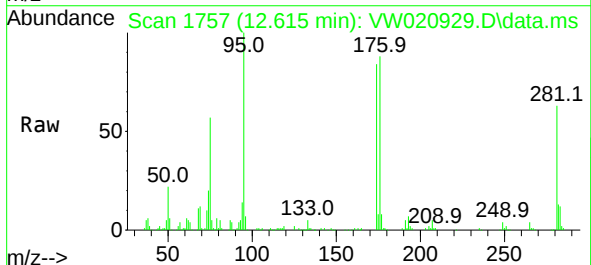
Tgt Ion:107 Resp: 2968
Ion Ratio Lower Upper
107 100
109 98.1 74.1 111.1

Manual Integrations
APPROVED

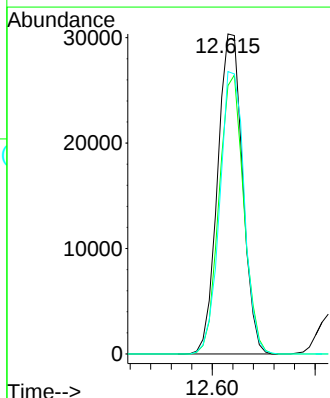
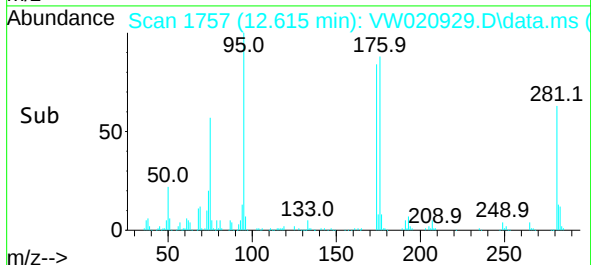
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

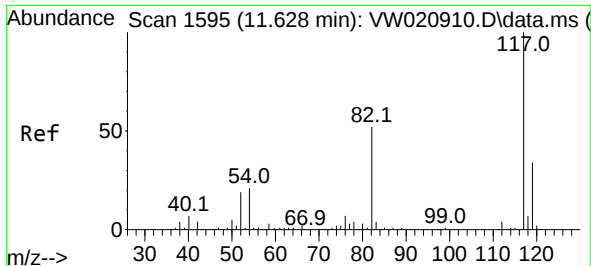


#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion: 95 Resp: 51145
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.2
176 86.6 0.0 175.4





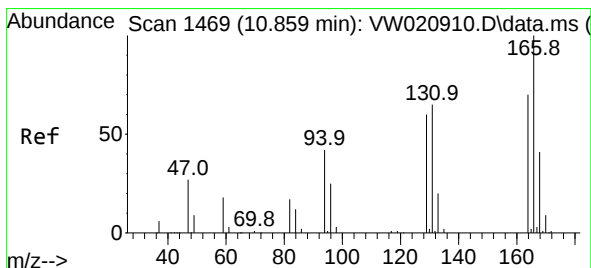
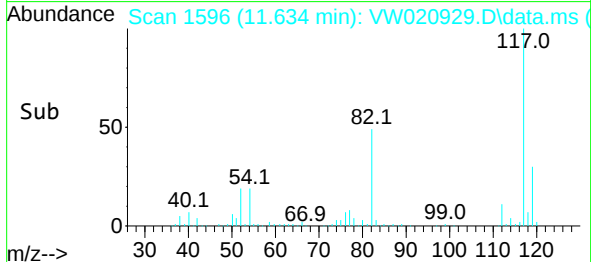
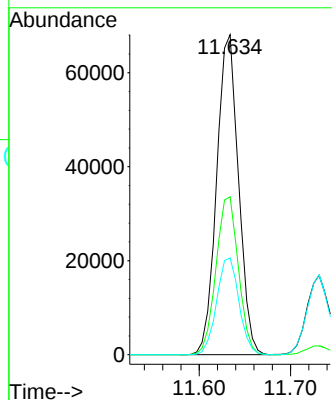
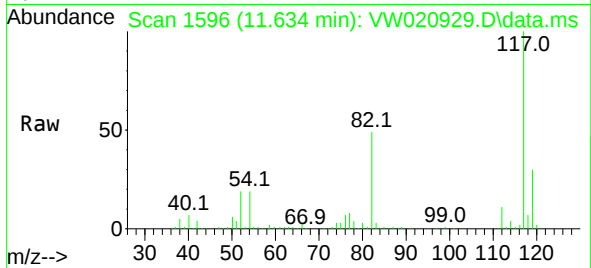
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 113318
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 113318
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 30.3 27.2 40.8

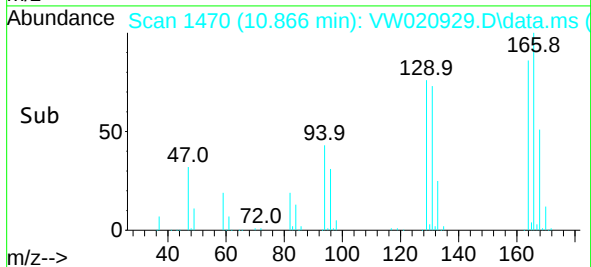
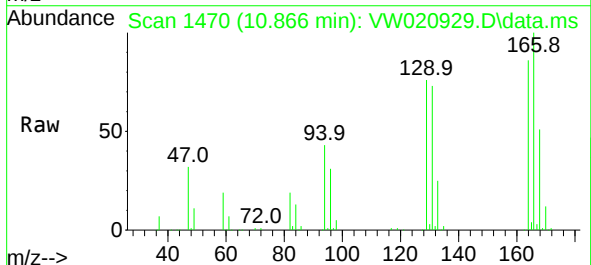
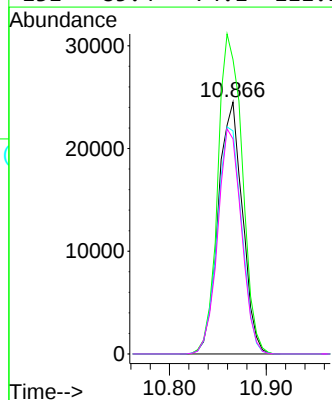
Manual Integrations
APPROVED

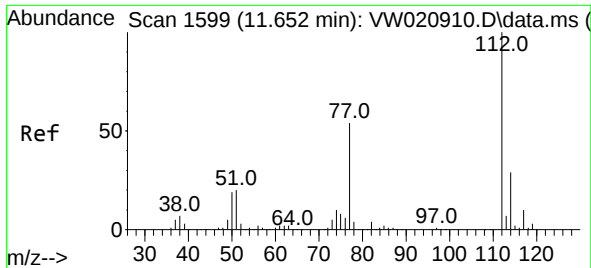
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#64
Tetrachloroethene
Concen: 50.579 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion:164 Resp: 42581
Ion Ratio Lower Upper
164 100
166 116.9 114.4 171.6
129 88.6 68.3 102.5
131 85.4 74.1 111.1





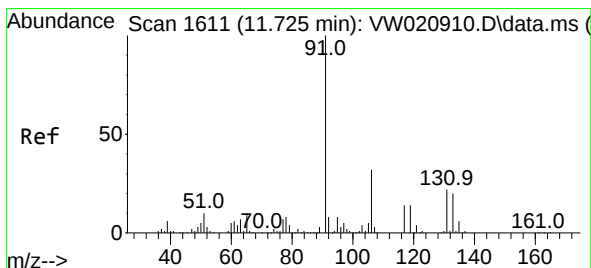
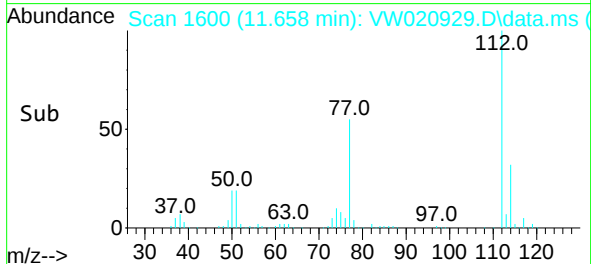
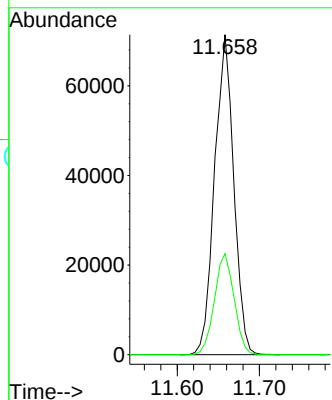
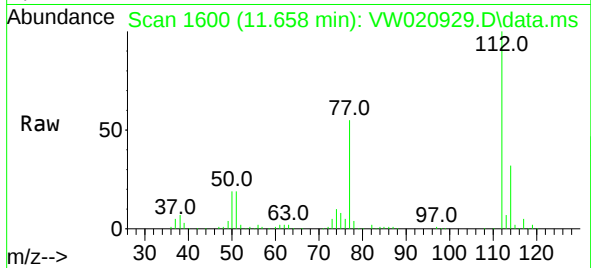
#65
Chlorobenzene
Concen: 50.684 ug/l
RT: 11.658 min Scan# 11547
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 11547
Ion Ratio Lower Upper
112 100
114 31.6 23.0 34.6

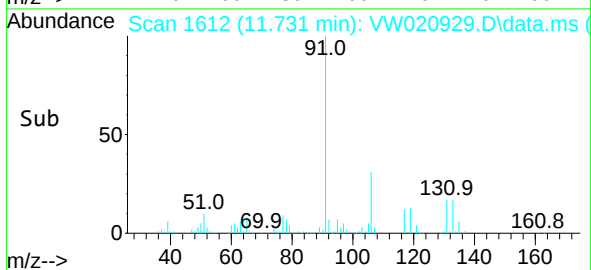
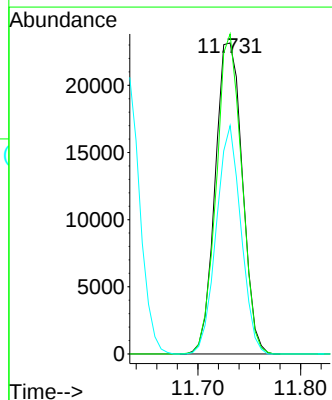
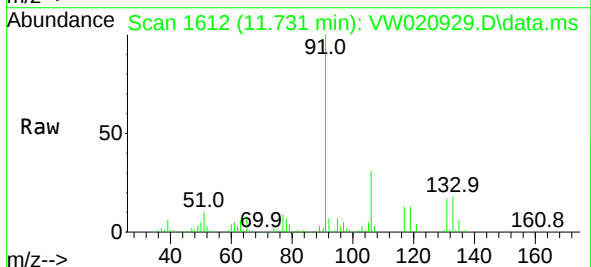
Manual Integrations
APPROVED

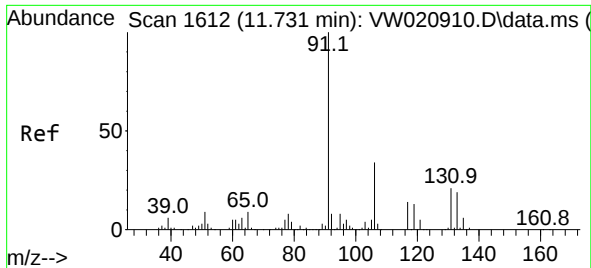
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.125 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

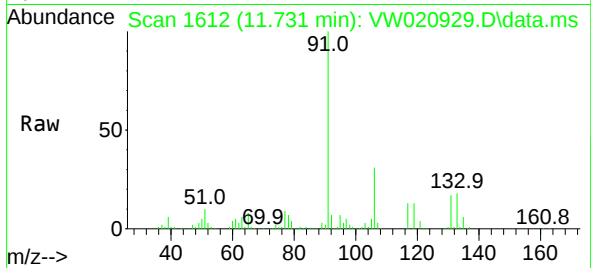
Tgt Ion:131 Resp: 42462
Ion Ratio Lower Upper
131 100
133 96.0 46.6 139.7
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 51.589 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

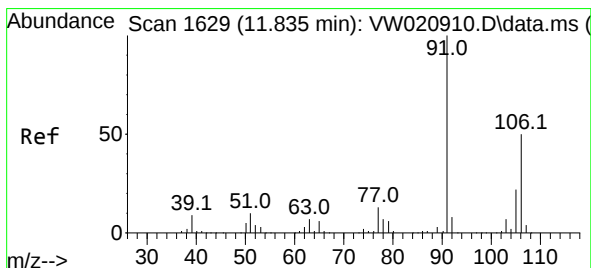
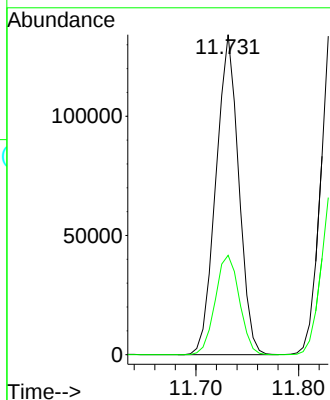
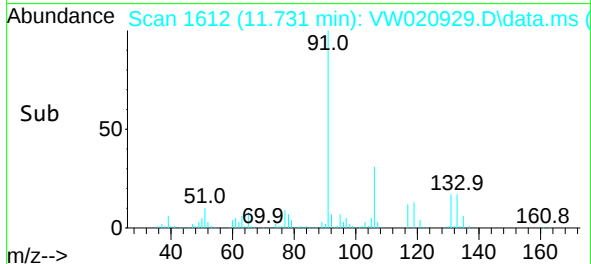
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



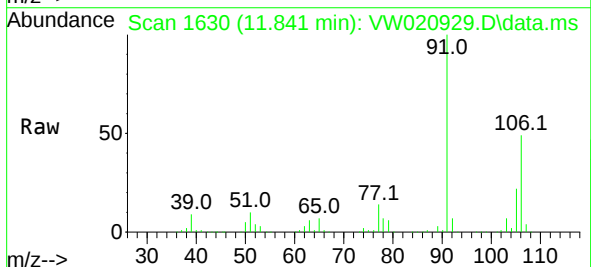
Tgt Ion: 91 Resp: 20625
Ion Ratio Lower Upper
91 100
106 31.0 27.3 40.9

Manual Integrations
APPROVED

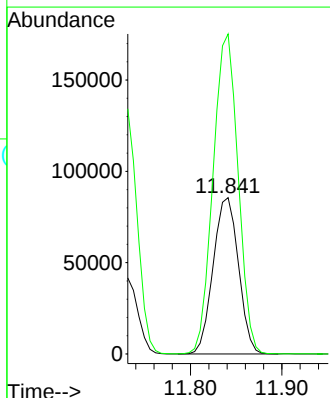
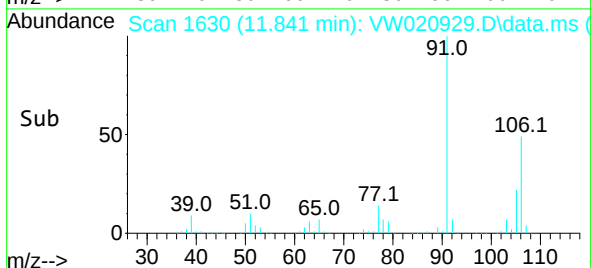
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

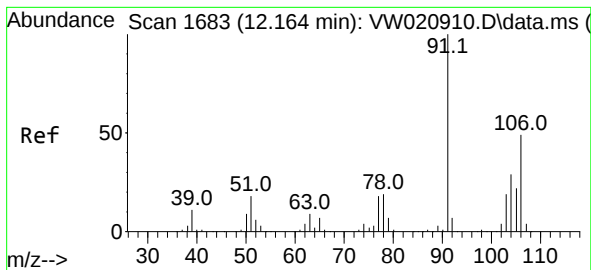


#68
m/p-Xylenes
Concen: 101.932 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion:106 Resp: 164758
Ion Ratio Lower Upper
106 100
91 202.2 157.8 236.8





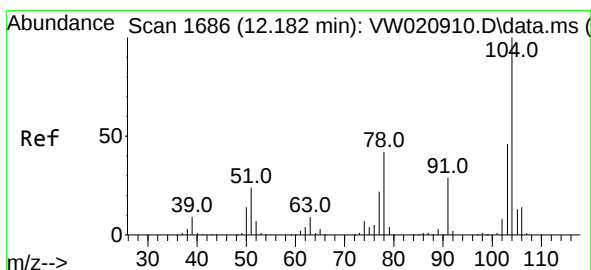
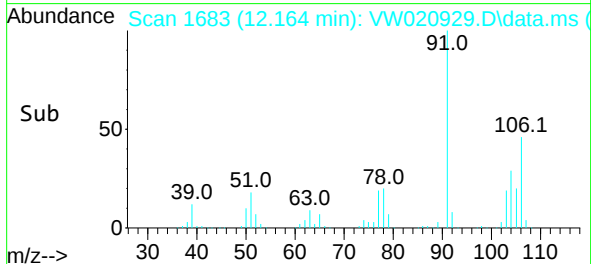
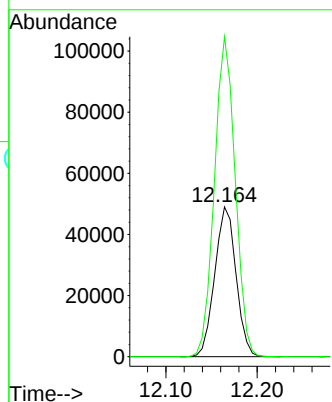
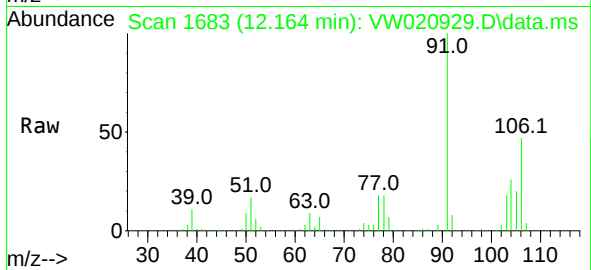
#69
o-Xylene
Concen: 52.283 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 79244
Ion Ratio Lower Upper
106 100
91 209.1 104.3 312.9

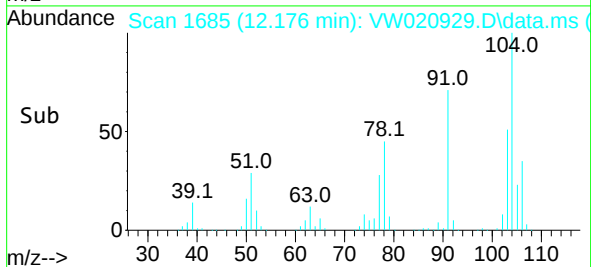
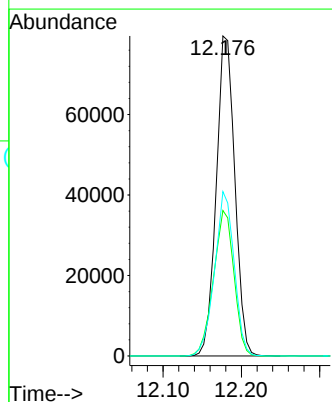
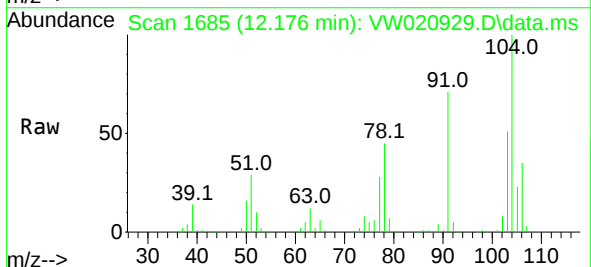
Manual Integrations
APPROVED

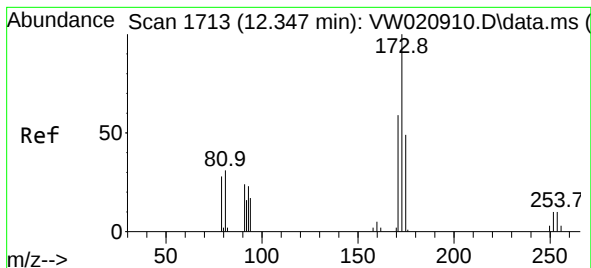
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#70
Styrene
Concen: 51.636 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

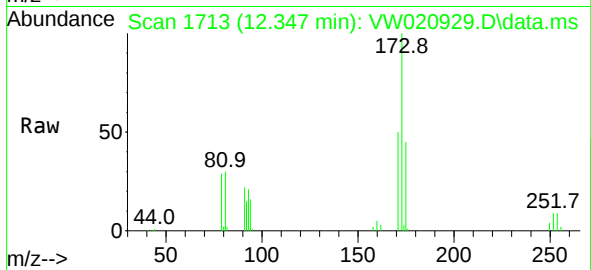
Tgt Ion:104 Resp: 131446
Ion Ratio Lower Upper
104 100
78 49.9 39.4 59.2
103 54.0 42.6 63.8





#71
Bromoform
Concen: 49.404 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

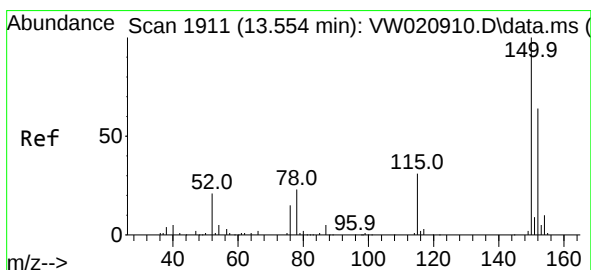
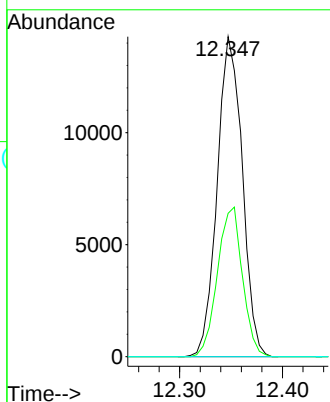
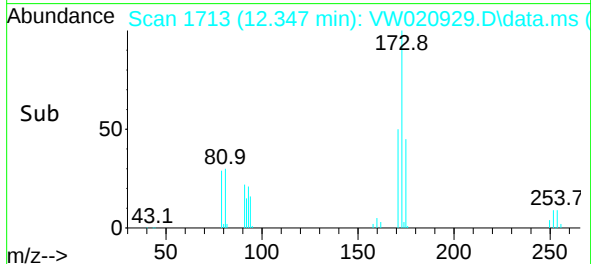
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



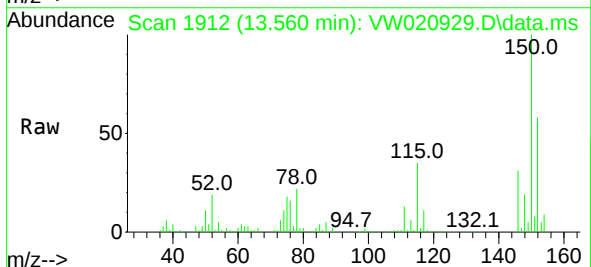
Tgt Ion:173 Resp: 2419
Ion Ratio Lower Upper
173 100
175 46.6 25.1 75.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

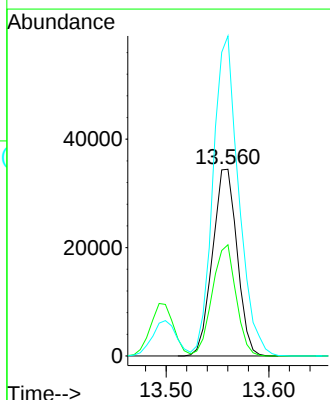
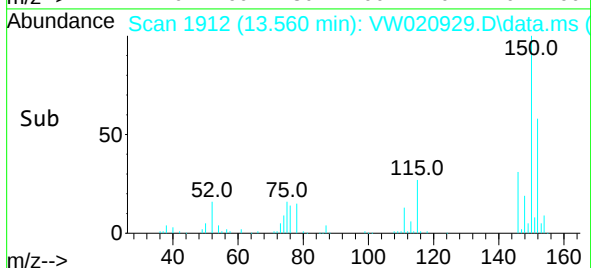
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

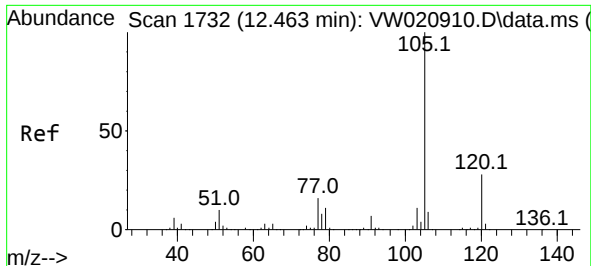


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



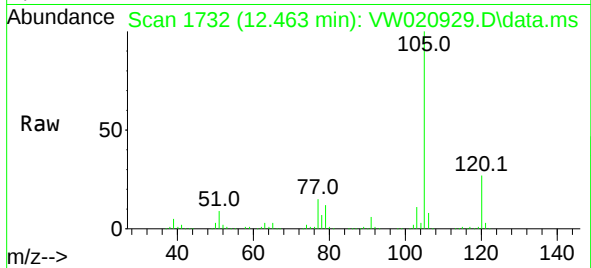
Tgt Ion:152 Resp: 57203
Ion Ratio Lower Upper
152 100
115 57.6 27.8 83.3
150 178.4 0.0 348.4





#73
Isopropylbenzene
Concen: 53.966 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

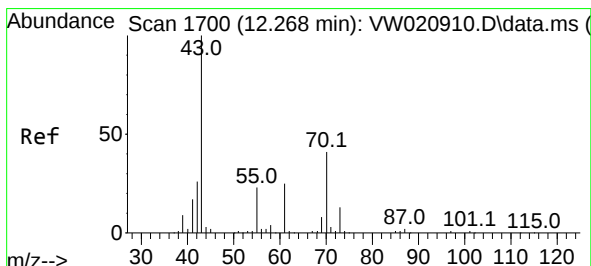
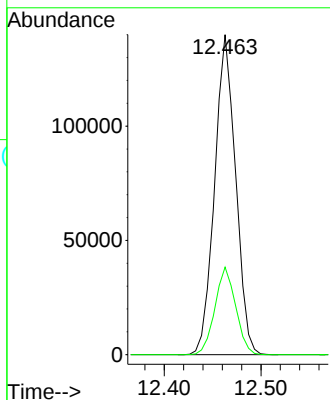
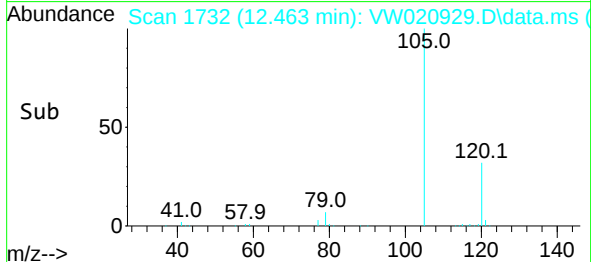
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 21095
Ion Ratio Lower Upper
105 100
120 27.0 13.9 41.7

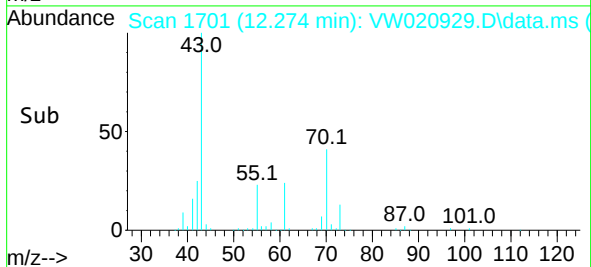
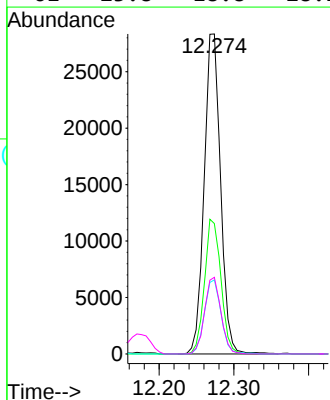
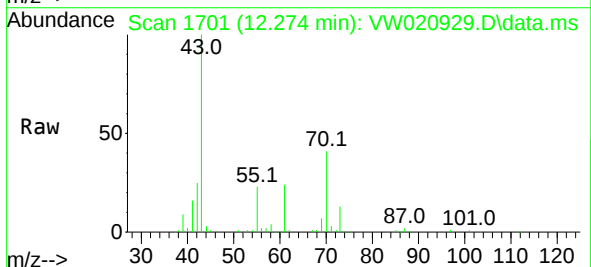
Manual Integrations
APPROVED

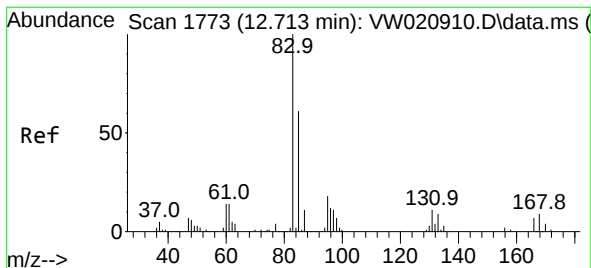
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#74
N-ethyl acetate
Concen: 46.417 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

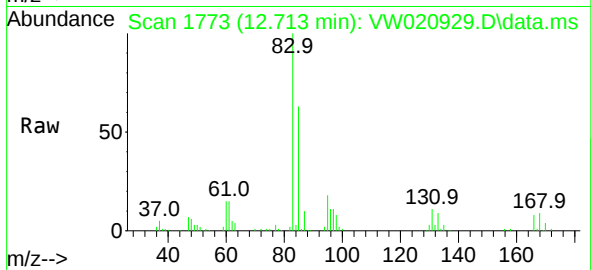
Tgt Ion: 43 Resp: 43219
Ion Ratio Lower Upper
43 100
70 42.1 33.7 50.5
55 23.5 18.5 27.7
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.992 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

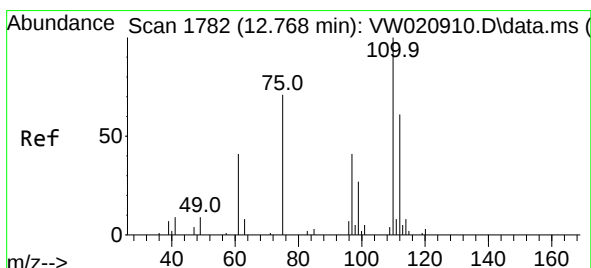
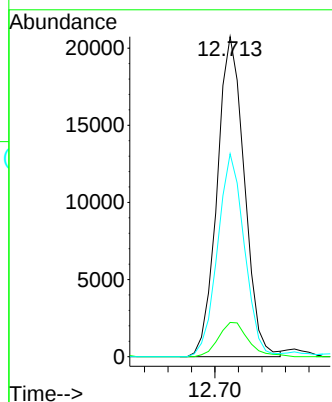
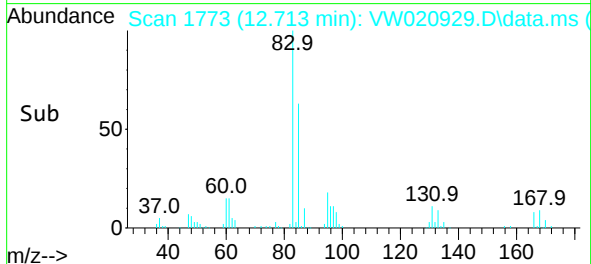
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



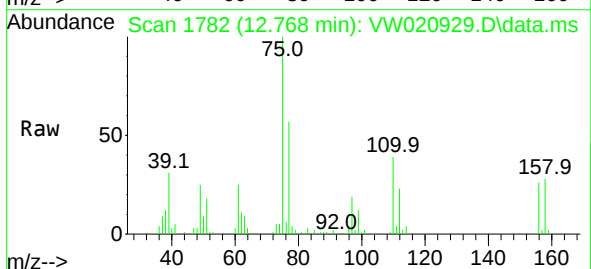
Tgt Ion: 83 Resp: 3341
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 62.6 32.0 96.0

Manual Integrations
APPROVED

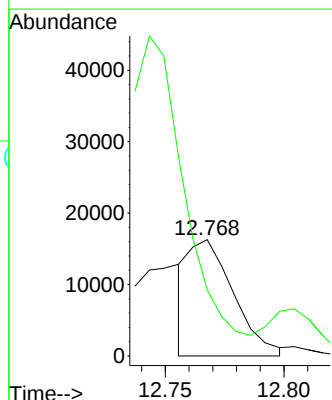
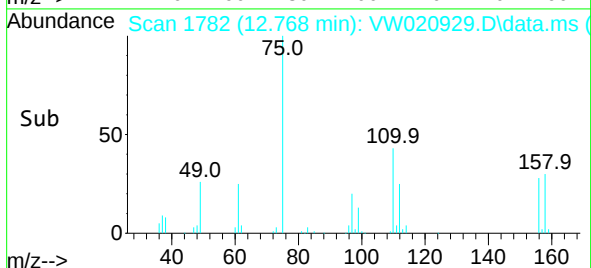
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

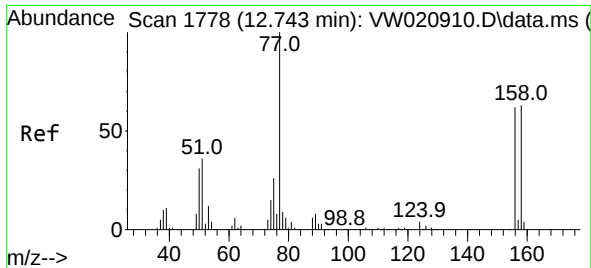


#76
1,2,3-Trichloropropane
Concen: 41.866 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



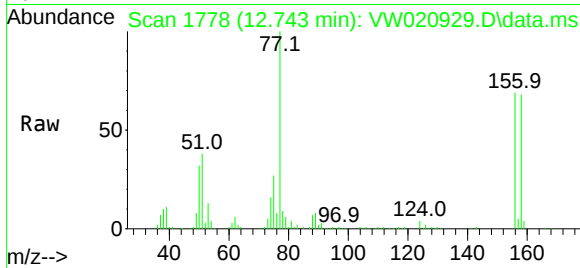
Tgt Ion: 75 Resp: 21517
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.406 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

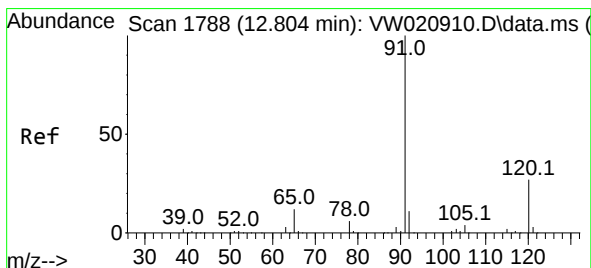
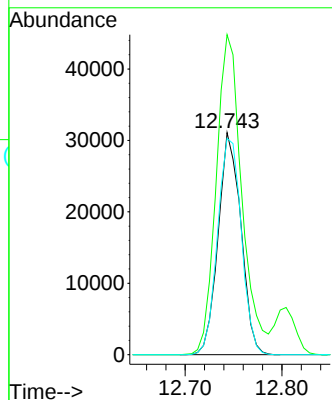
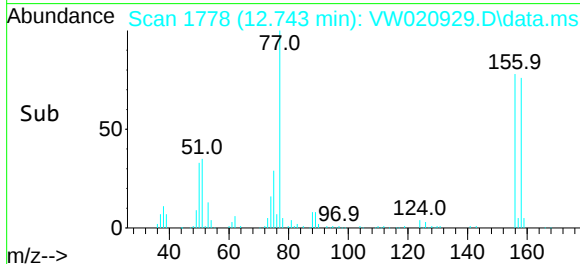
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



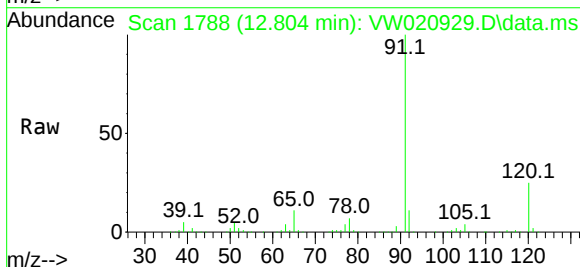
Tgt Ion:156 Resp: 50708
Ion Ratio Lower Upper
156 100
77 162.7 87.0 261.0
158 102.0 49.8 149.4

Manual Integrations
APPROVED

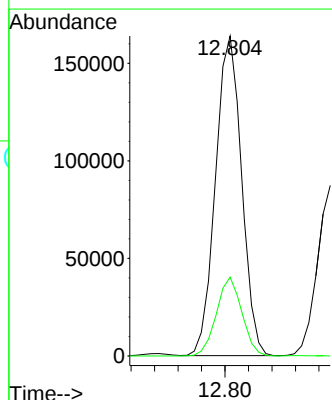
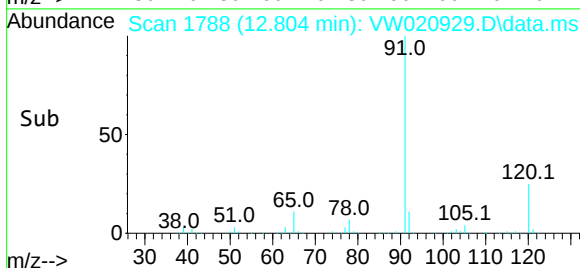
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

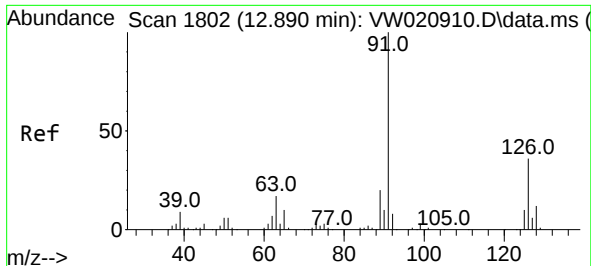


#78
n-propylbenzene
Concen: 54.914 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



Tgt Ion: 91 Resp: 252829
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.4





#79

2-Chlorotoluene

Concen: 53.586 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 142592

Ion Ratio Lower Upper

91 100

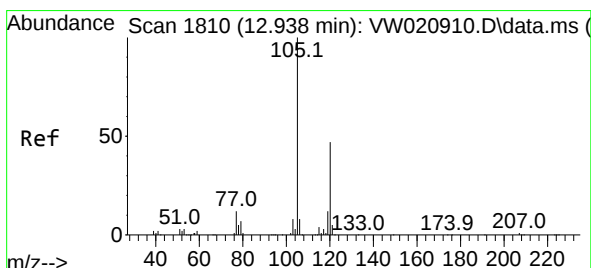
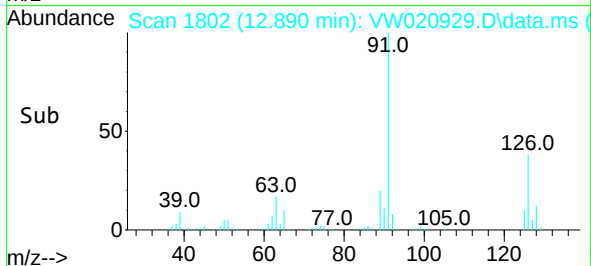
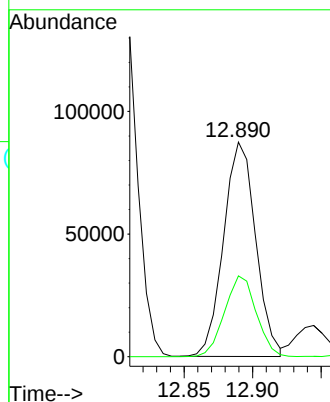
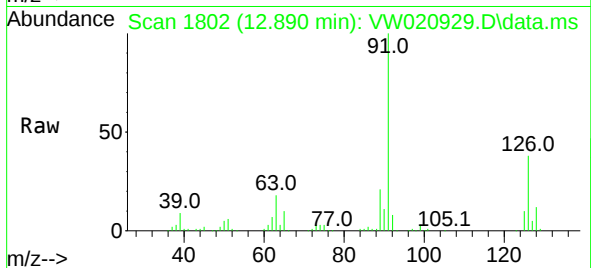
126 37.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#80

1,3,5-Trimethylbenzene

Concen: 53.942 ug/l

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW020929.D

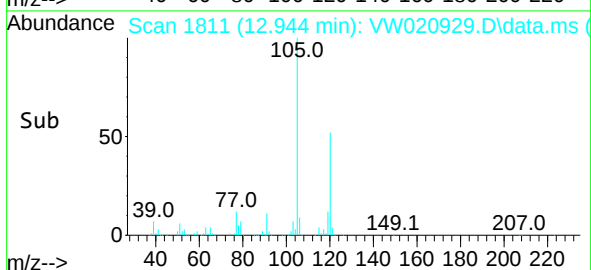
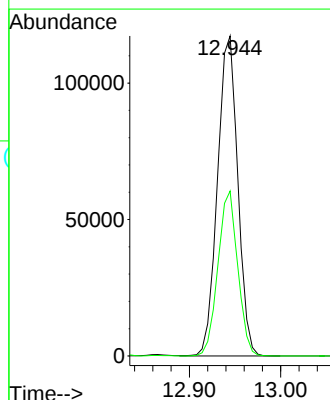
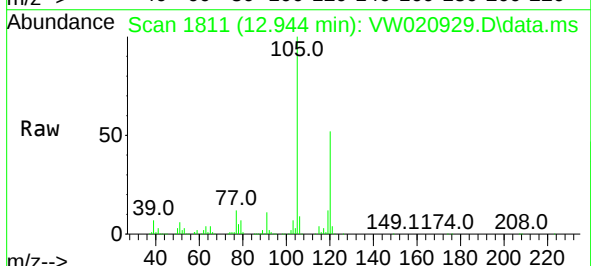
Acq: 18 Nov 2021 16:43

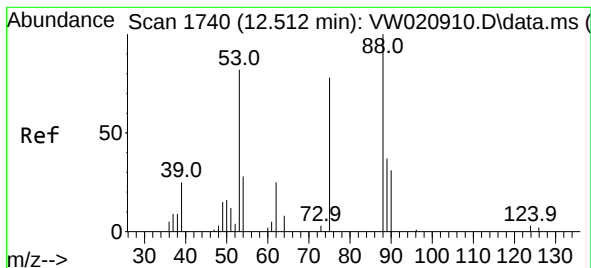
Tgt Ion:105 Resp: 180821

Ion Ratio Lower Upper

105 100

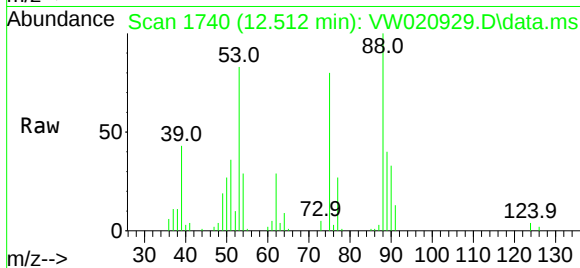
120 50.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.142 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

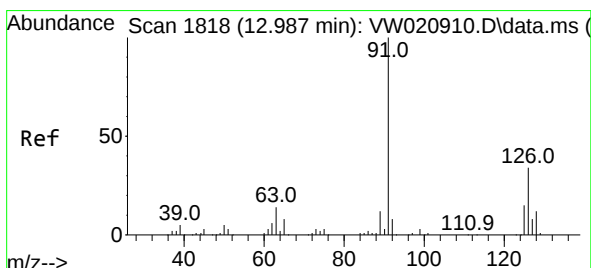
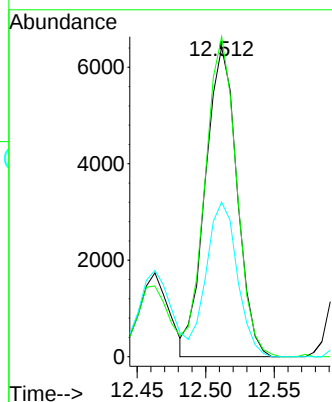
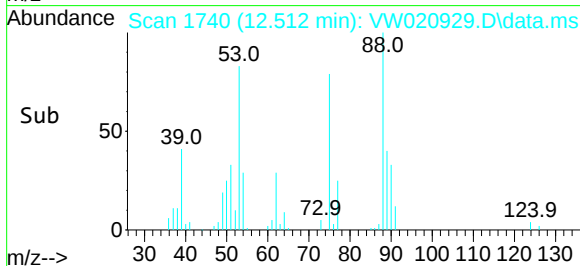
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



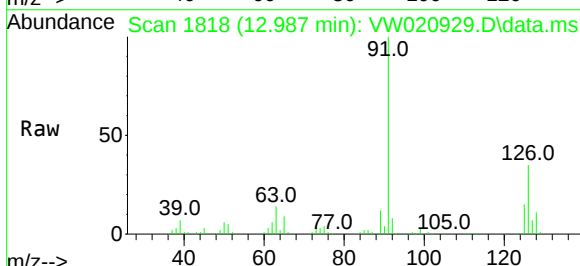
Tgt Ion: 75 Resp: 10300
Ion Ratio Lower Upper
75 100
53 102.4 81.8 122.8
89 48.5 38.6 57.8

Manual Integrations
APPROVED

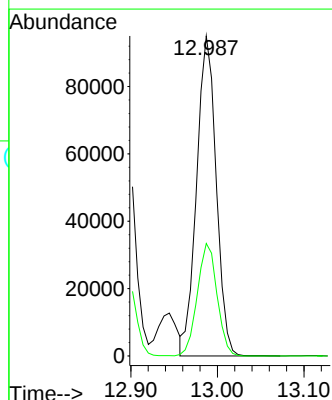
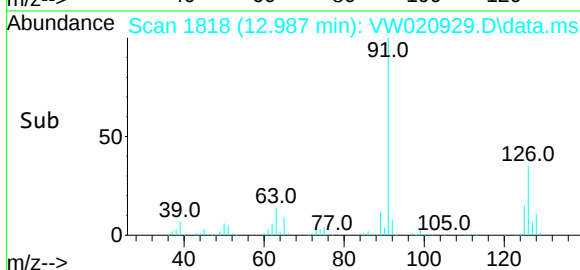
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

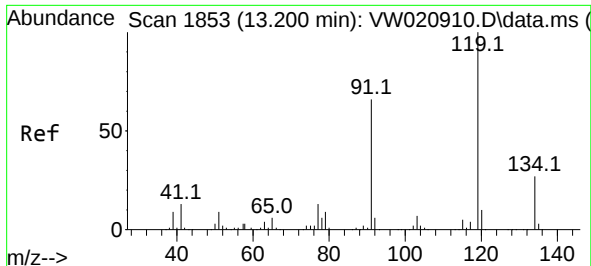


#82
4-Chlorotoluene
Concen: 52.796 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



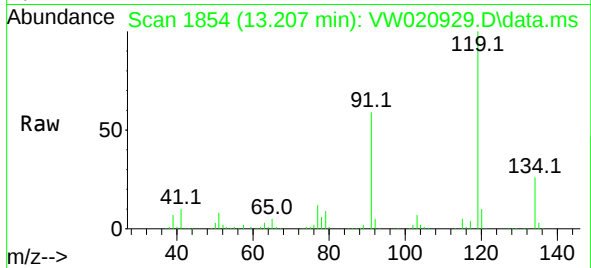
Tgt Ion: 91 Resp: 148986
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2





#83
tert-Butylbenzene
Concen: 53.067 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

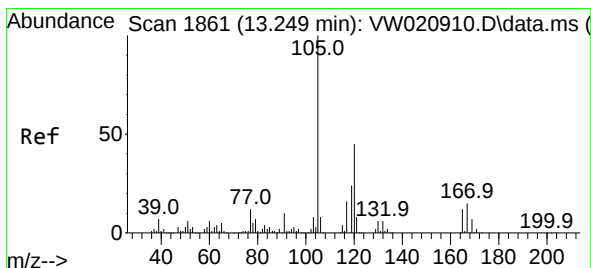
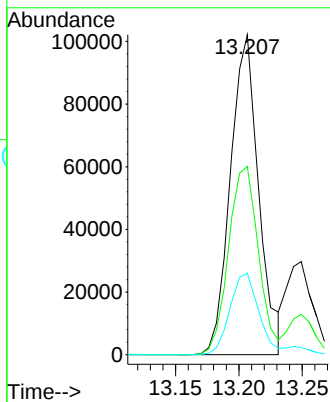
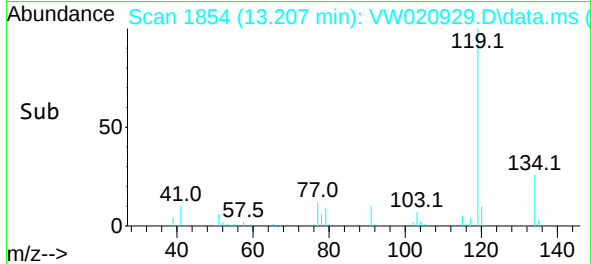
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



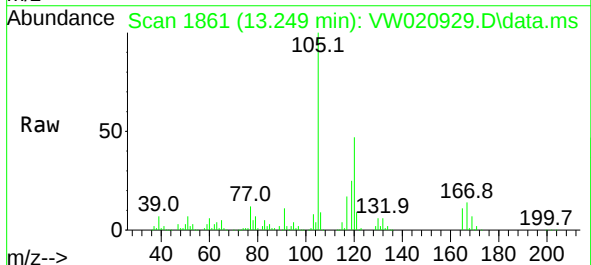
Tgt Ion:119 Resp: 15899
Ion Ratio Lower Upper
119 100
91 62.3 32.6 97.8
134 26.3 13.2 39.5

Manual Integrations
APPROVED

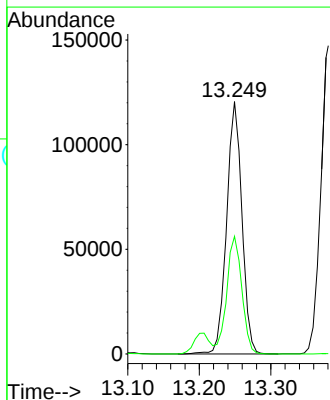
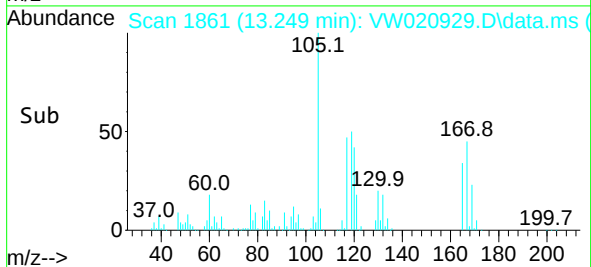
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

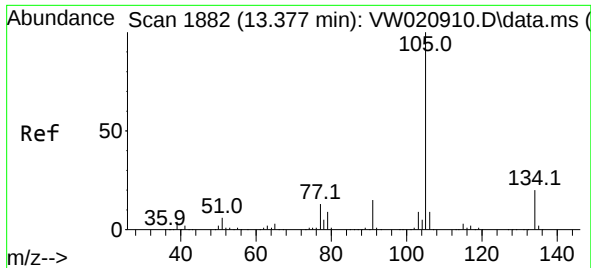


#84
1,2,4-Trimethylbenzene
Concen: 54.047 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



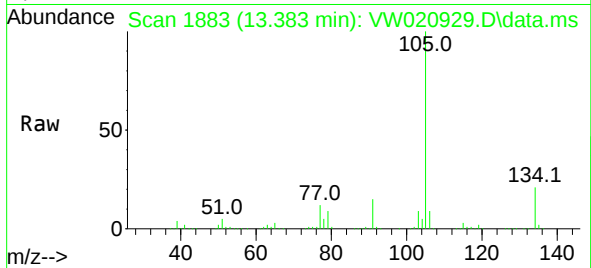
Tgt Ion:105 Resp: 178906
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 54.289 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VW020929.D
 Acq: 18 Nov 2021 16:43

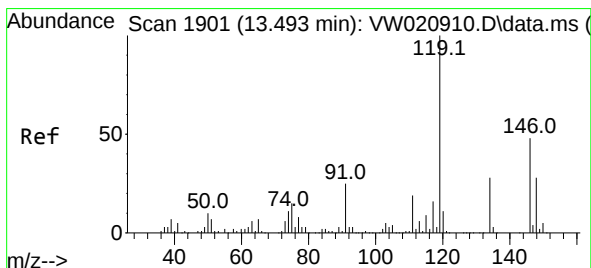
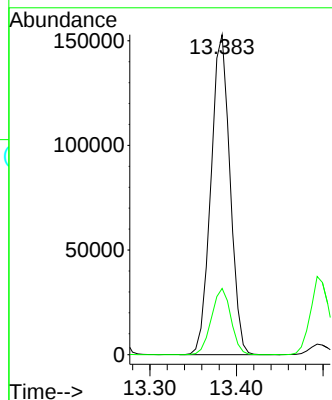
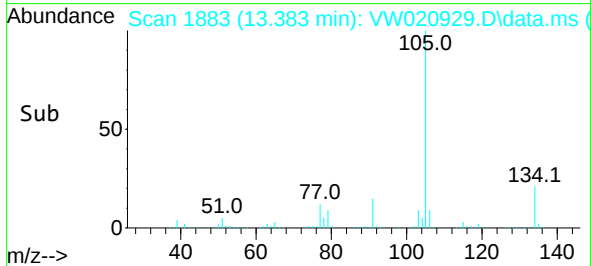
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC



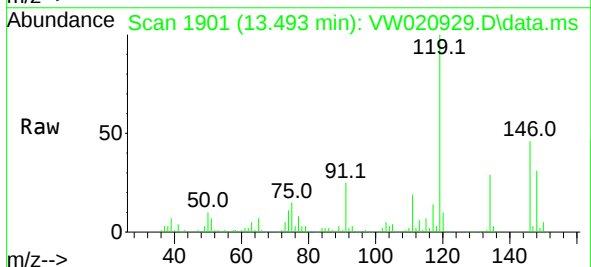
Tgt Ion:105 Resp: 234072
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4

Manual Integrations
 APPROVED

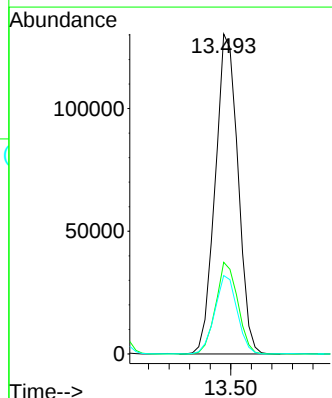
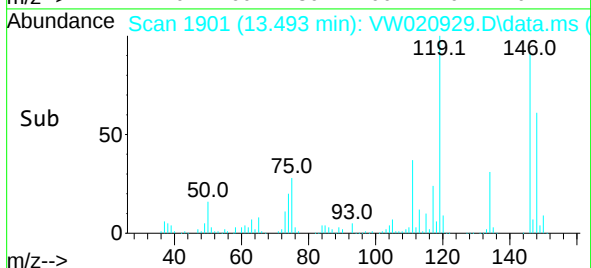
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

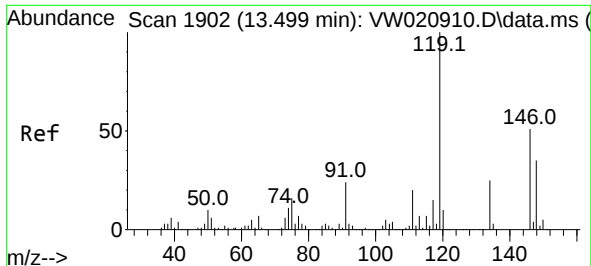


#86
 p-Isopropyltoluene
 Concen: 53.816 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020929.D
 Acq: 18 Nov 2021 16:43



Tgt Ion:119 Resp: 200035
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 24.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 53.585 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

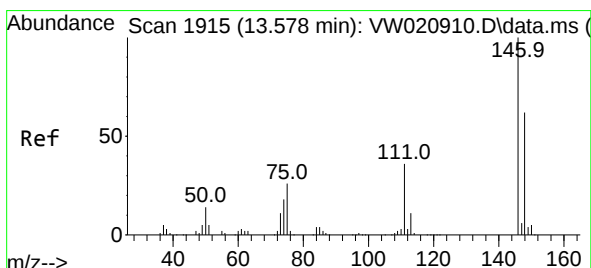
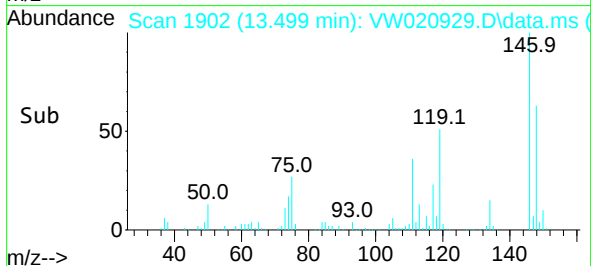
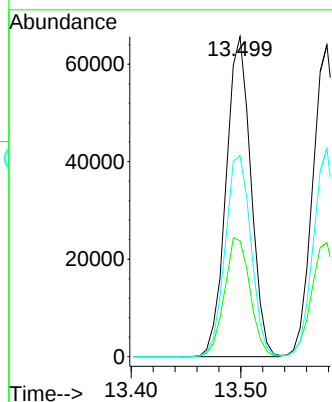
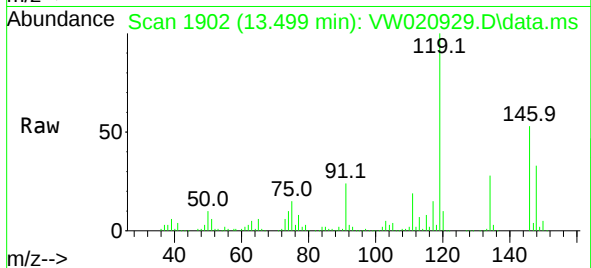
Tgt Ion:146 Resp: 10311

Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.0	59.9
148	65.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#88

1,4-Dichlorobenzene

Concen: 52.872 ug/l

RT: 13.579 min Scan# 1915

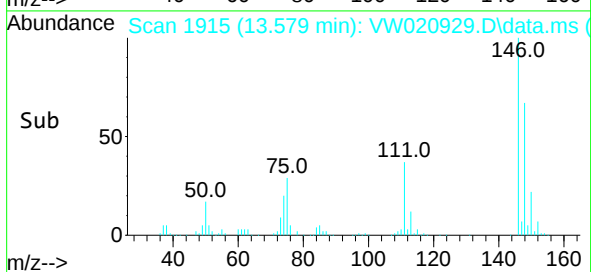
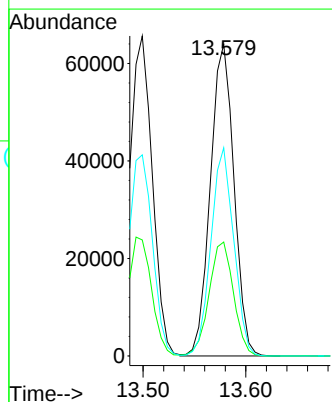
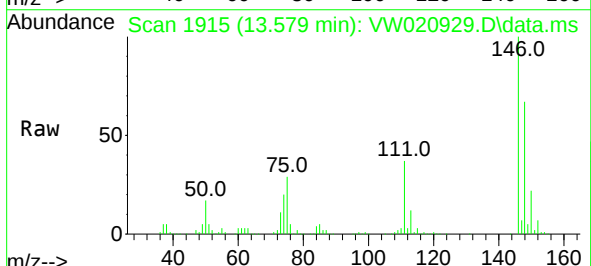
Delta R.T. 0.000 min

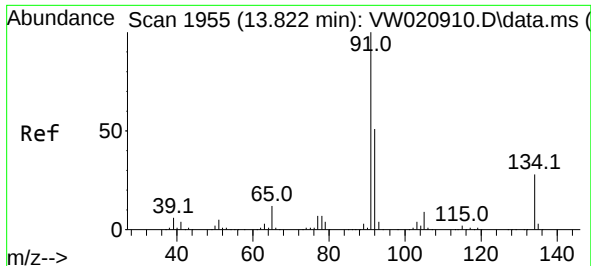
Lab File: VW020929.D

Acq: 18 Nov 2021 16:43

Tgt Ion:146 Resp: 102238

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.5	31.1	93.2





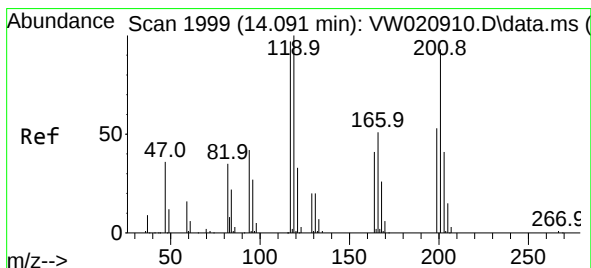
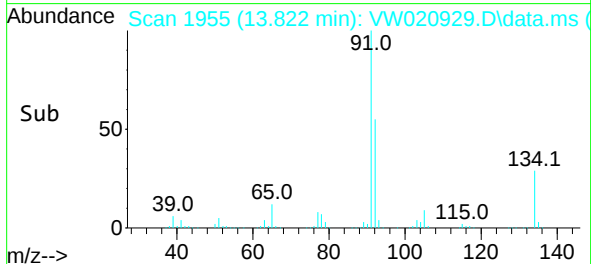
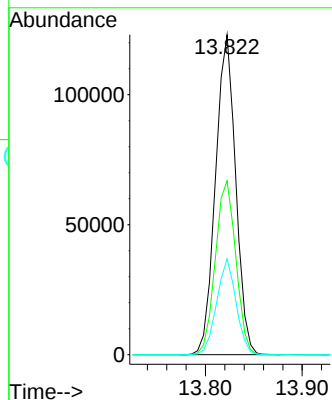
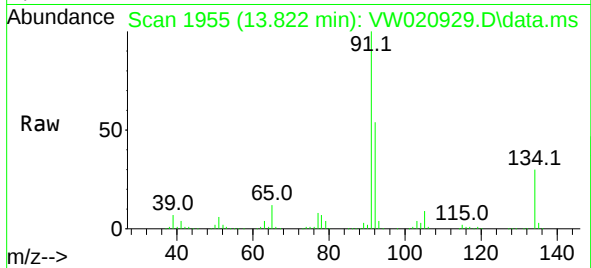
#89
n-Butylbenzene
Concen: 53.334 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 17800
Ion Ratio Lower Upper
91 100
92 55.2 26.5 79.4
134 28.8 13.6 40.8

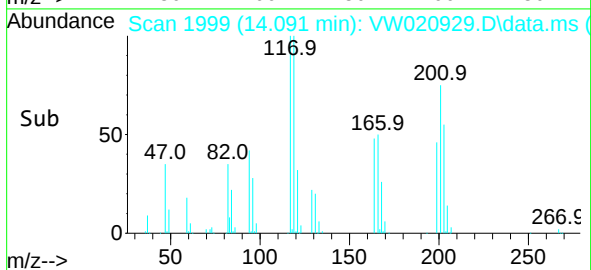
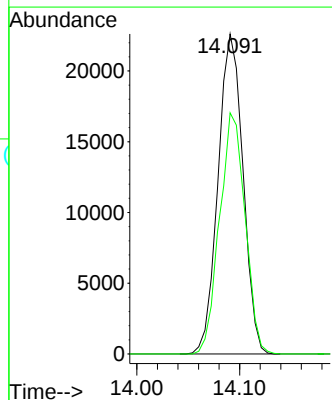
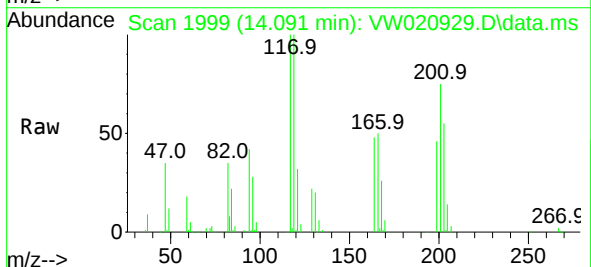
Manual Integrations
APPROVED

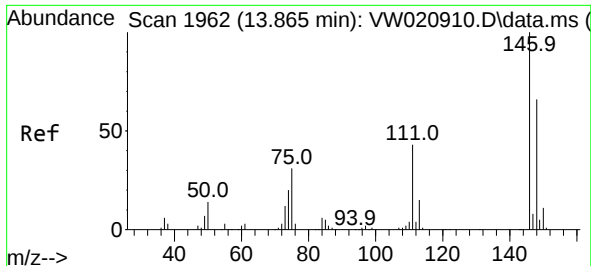
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#90
Hexachloroethane
Concen: 54.351 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

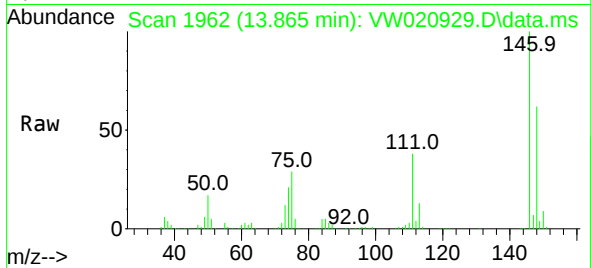
Tgt Ion:117 Resp: 38047
Ion Ratio Lower Upper
117 100
201 77.2 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 52.717 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

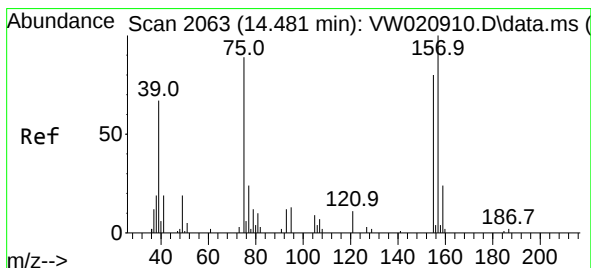
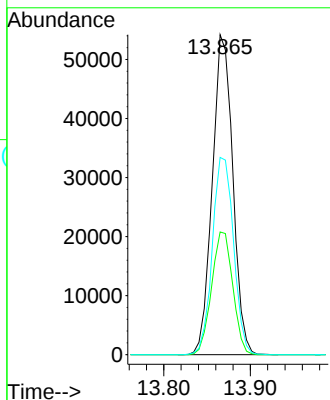
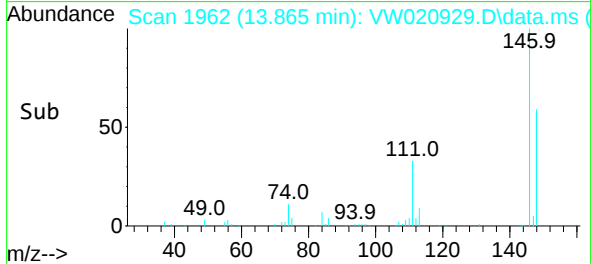
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



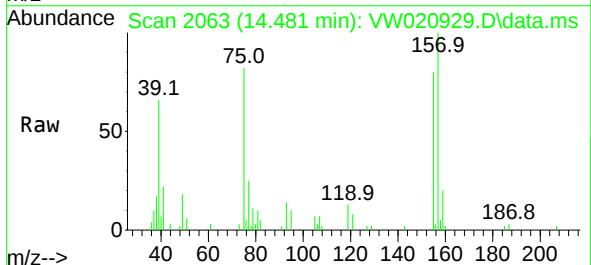
Tgt Ion:146 Resp: 8912
Ion Ratio Lower Upper
146 100
111 39.6 21.1 63.3
148 63.8 32.6 97.8

Manual Integrations
APPROVED

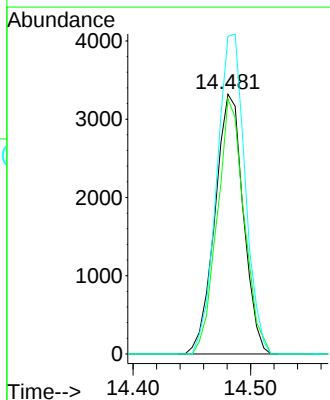
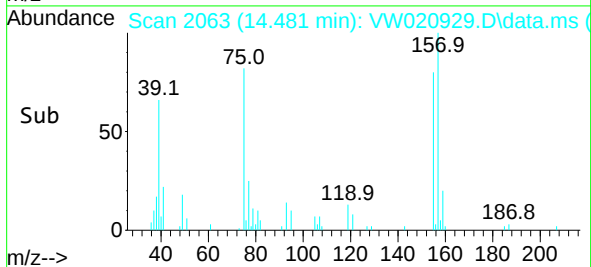
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

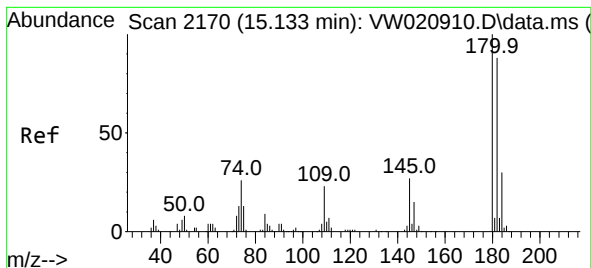


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.536 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



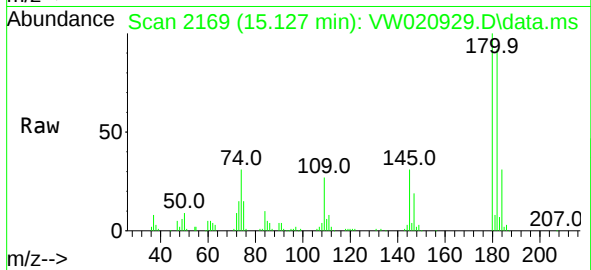
Tgt Ion: 75 Resp: 5573
Ion Ratio Lower Upper
75 100
155 92.9 45.9 137.6
157 122.6 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 50.058 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

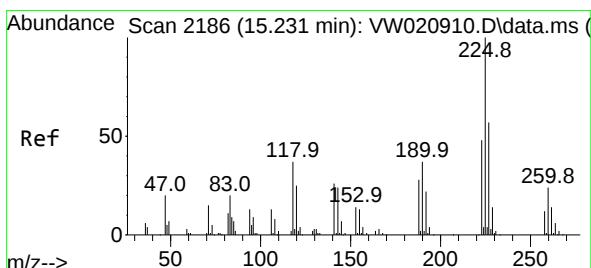
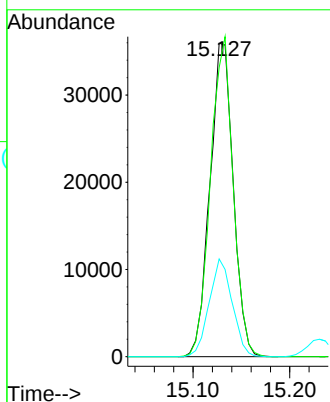
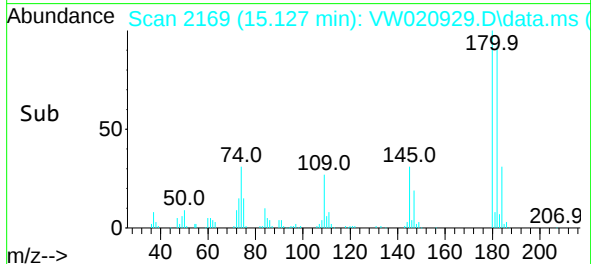
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



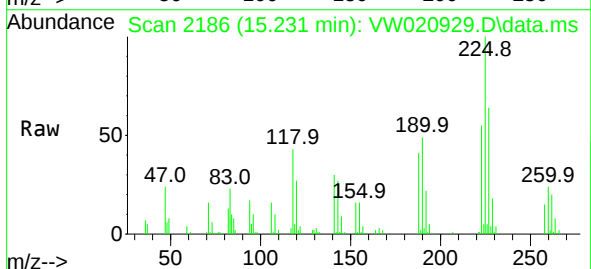
Tgt Ion:180 Resp: 6030
Ion Ratio Lower Upper
180 100
182 98.9 46.5 139.3
145 30.8 15.0 45.1

Manual Integrations
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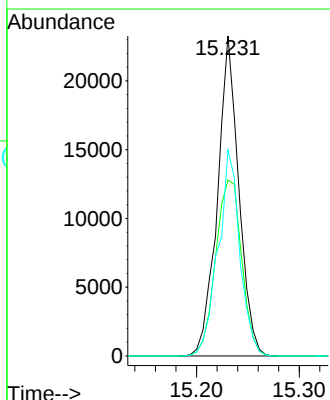
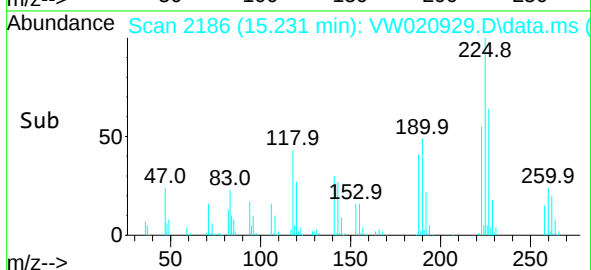
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

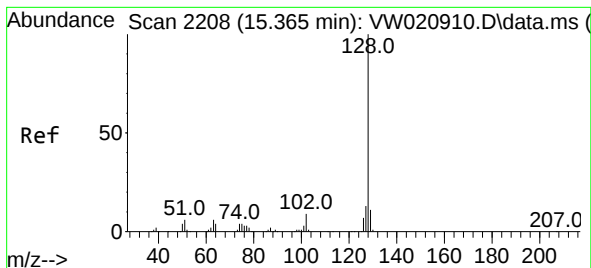


#94
Hexachlorobutadiene
Concen: 49.172 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43



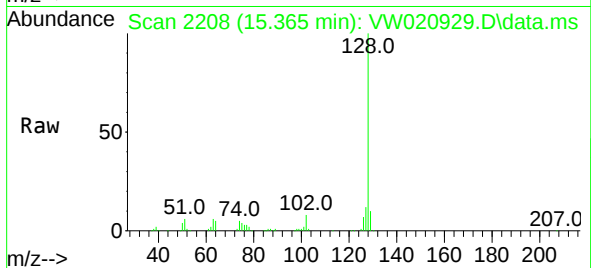
Tgt Ion:225 Resp: 33592
Ion Ratio Lower Upper
225 100
223 67.0 31.1 93.3
227 65.4 32.8 98.3





#95
Naphthalene
Concen: 47.796 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

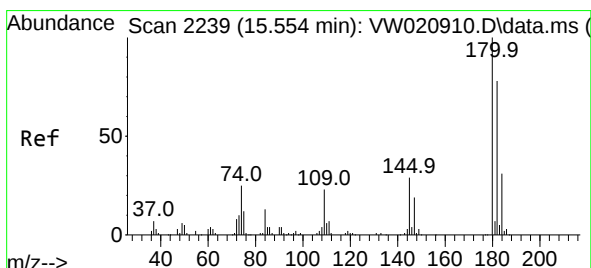
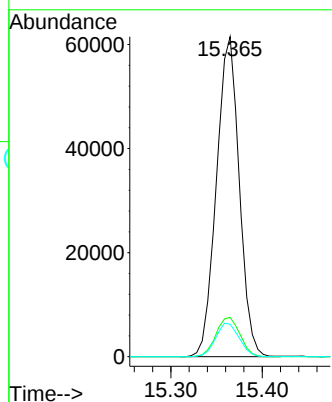
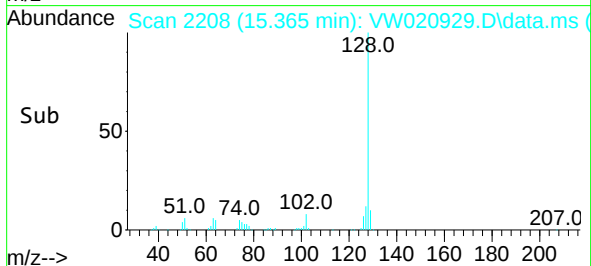
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 106715
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.028 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020929.D
Acq: 18 Nov 2021 16:43

Tgt Ion:180 Resp: 53142
Ion Ratio Lower Upper
180 100
182 95.9 46.2 138.6
145 31.5 14.9 44.5

