

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020910.D
 Acq On : 17 Nov 2021 16:57
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 04:24:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	77728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	114297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	106521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	57528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38423	45.083	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.160%		
35) Dibromofluoromethane	7.884	113	38094	50.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.980%		
50) Toluene-d8	10.323	98	139337	48.611	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.615	95	51696	49.268	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8727	43.646	ug/l	100
3) Chloromethane	2.209	50	23058	45.524	ug/l	100
4) Vinyl Chloride	2.355	62	42783	61.833	ug/l	100
5) Bromomethane	2.763	94	27685	65.349	ug/l	100
6) Chloroethane	2.910	64	16852	55.576	ug/l	100
7) Trichlorofluoromethane	3.251	101	17503	38.632	ug/l	100
8) Diethyl Ether	3.678	74	17676	47.659	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	35045	45.609	ug/l	100
10) Methyl Iodide	4.269	142	54801	55.851	ug/l	100
11) Tert butyl alcohol	5.178	59	15478	289.338	ug/l	100
12) 1,1-Dichloroethene	4.037	96	33980	47.395	ug/l	100
13) Acrolein	3.891	56	2511	61.403	ug/l	100
14) Allyl chloride	4.665	41	49524	43.742	ug/l	100
15) Acrylonitrile	5.366	53	39637	216.184	ug/l	100
16) Acetone	4.123	43	40706	205.812	ug/l	100
17) Carbon Disulfide	4.379	76	97662	47.170	ug/l	100
18) Methyl Acetate	4.672	43	27154	43.294	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	60868	49.695	ug/l	100
20) Methylene Chloride	4.909	84	38383	36.471	ug/l	100
21) trans-1,2-Dichloroethene	5.421	96	39551	49.165	ug/l	100
22) Diisopropyl ether	6.311	45	102554	45.903	ug/l	100
23) Vinyl Acetate	6.250	43	302130	233.187	ug/l	100
24) 1,1-Dichloroethane	6.214	63	65572	45.637	ug/l	100
25) 2-Butanone	7.171	43	56511	225.298	ug/l	100
26) 2,2-Dichloropropane	7.165	77	43318	45.938	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	43753	50.693	ug/l	100
28) Bromochloromethane	7.512	49	28057	47.114	ug/l	100
29) Tetrahydrofuran	7.537	42	34265	223.293	ug/l	100
30) Chloroform	7.677	83	71449	47.180	ug/l	100
31) Cyclohexane	7.957	56	58213	40.734	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	59884	46.893	ug/l	100
36) 1,1-Dichloropropene	8.086	75	53533	44.382	ug/l	100
37) Ethyl Acetate	7.250	43	23707	43.525	ug/l	100
38) Carbon Tetrachloride	8.067	117	58498	48.038	ug/l	100
39) Methylcyclohexane	9.335	83	67555	47.592	ug/l	100
40) Benzene	8.323	78	149756	45.104	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	14837	46.791	ug/l	100
42) 1,2-Dichloroethane	8.396	62	47012	44.255	ug/l	100
43) Isopropyl Acetate	8.421	43	49331	47.915	ug/l	100
44) Trichloroethene	9.091	130	44866	48.996	ug/l	100
45) 1,2-Dichloropropane	9.366	63	35958	45.322	ug/l	100
46) Dibromomethane	9.457	93	22560	49.877	ug/l	100
47) Bromodichloromethane	9.646	83	53871	48.412	ug/l	100
48) Methyl methacrylate	9.433	41	21494	43.949	ug/l	100
49) 1,4-Dioxane	9.451	88	6721	1120.282	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	123134	223.938	ug/l	100
52) Toluene	10.384	92	99660	47.569	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	54441	48.451	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	60858	47.763	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	30447	48.602	ug/l	100
56) Ethyl methacrylate	10.646	69	39357	49.661	ug/l	100
57) 1,3-Dichloropropane	10.933	76	50961	47.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	91293	251.473	ug/l	100
59) 2-Hexanone	10.969	43	88929	229.733	ug/l	100
60) Dibromochloromethane	11.128	129	39096	52.162	ug/l	100
61) 1,2-Dibromoethane	11.231	107	31491	51.495	ug/l	100
64) Tetrachloroethene	10.859	164	41409	49.715	ug/l	100
65) Chlorobenzene	11.652	112	111885	48.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	41786	50.089	ug/l	100
67) Ethyl Benzene	11.731	91	193382	47.137	ug/l	100
68) m/p-Xylenes	11.835	106	156265	97.747	ug/l	100
69) o-Xylene	12.164	106	74695	50.374	ug/l	100
70) Styrene	12.182	104	127152	50.351	ug/l	100
71) Bromoform	12.347	173	24238	50.010	ug/l #	100
73) Isopropylbenzene	12.463	105	193678	47.377	ug/l	100
74) N-amyl acetate	12.268	43	48239	49.262	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	34554	45.677	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	26566m	43.217	ug/l	100
77) Bromobenzene	12.743	156	47942	48.728	ug/l	100
78) n-propylbenzene	12.804	91	229398	45.969	ug/l	100
79) 2-Chlorotoluene	12.890	91	134232	46.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	171319	48.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	11293	47.125	ug/l	100
82) 4-Chlorotoluene	12.987	91	141564	46.583	ug/l	100
83) tert-Butylbenzene	13.200	119	149790	48.940	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	170554	48.539	ug/l	100
85) sec-Butylbenzene	13.377	105	217896	47.596	ug/l	100
86) p-Isopropyltoluene	13.493	119	188528	48.245	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	96660	47.713	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	100429	49.077	ug/l	100
89) n-Butylbenzene	13.822	91	174545	48.192	ug/l	100
90) Hexachloroethane	14.091	117	34964	50.381	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	83611	46.421	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6384	46.942	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	62510	51.315	ug/l	100
94) Hexachlorobutadiene	15.231	225	36013	46.652	ug/l	100
95) Naphthalene	15.365	128	117981	54.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	56565	51.492	ug/l	100

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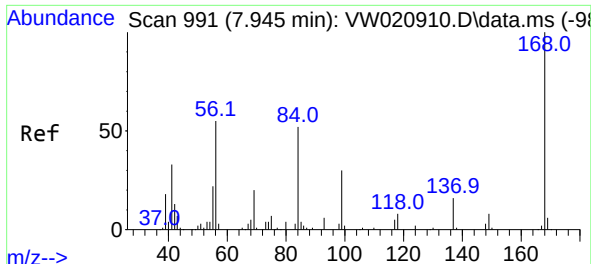
Manual Integrations
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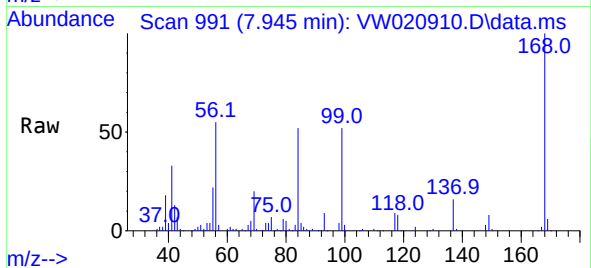
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. 0.000 min
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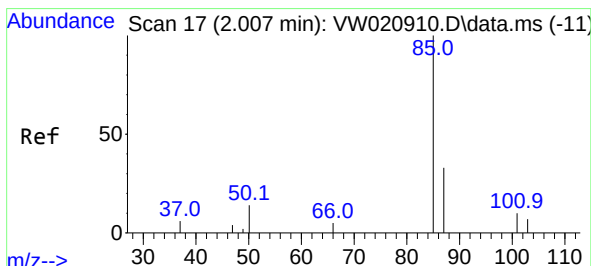
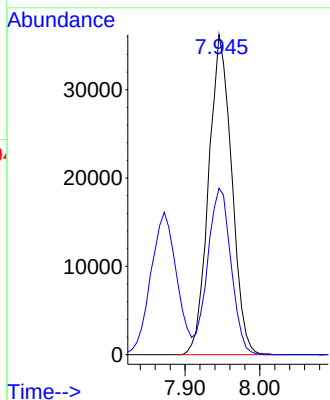
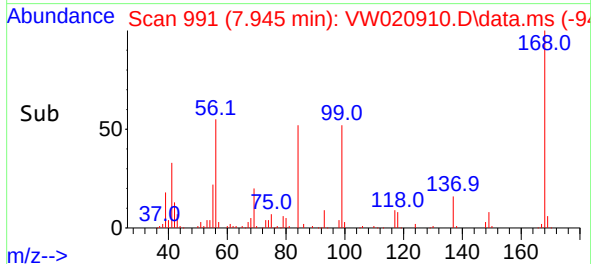
Instrument :
MSVOA_W
ClientSampleId :
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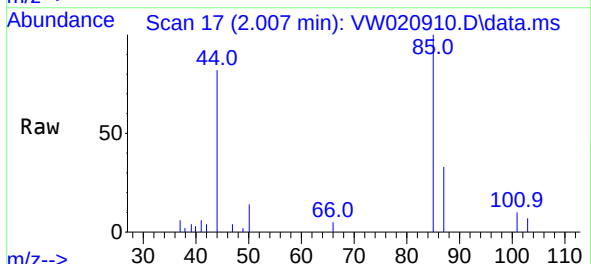
Tgt Ion:168 Resp: 77728
Ion Ratio Lower Upper
168 100
99 52.0 41.6 62.4

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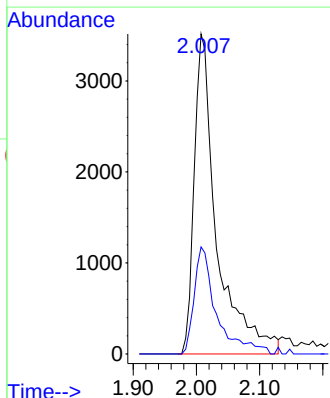
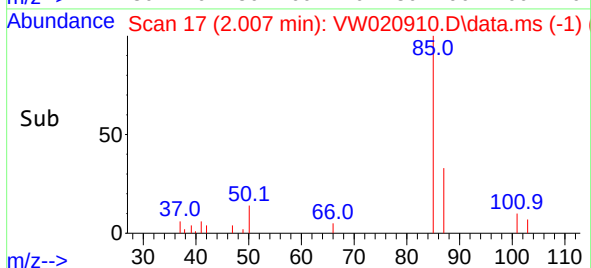
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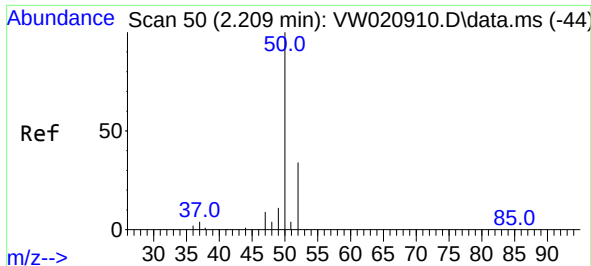


#2
Dichlorodifluoromethane
Concen: 43.646 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



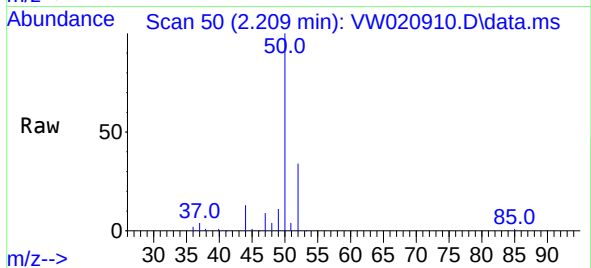
Tgt Ion: 85 Resp: 8727
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3





#3
Chloromethane
Concen: 45.524 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

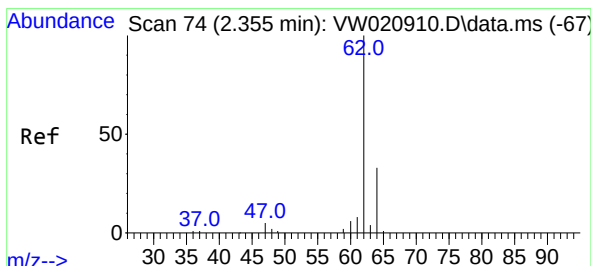
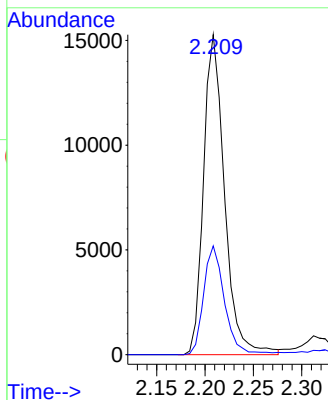
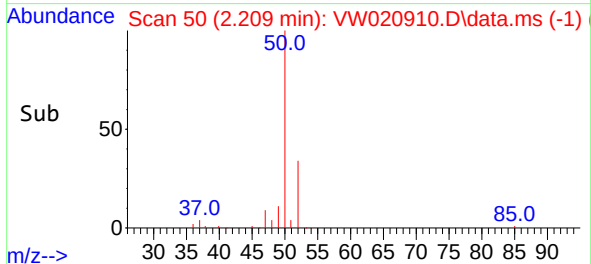
Instrument :
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Tgt Ion: 50 Resp: 23058
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8

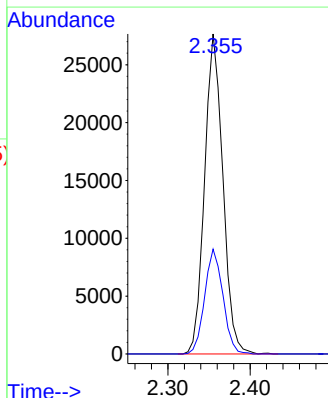
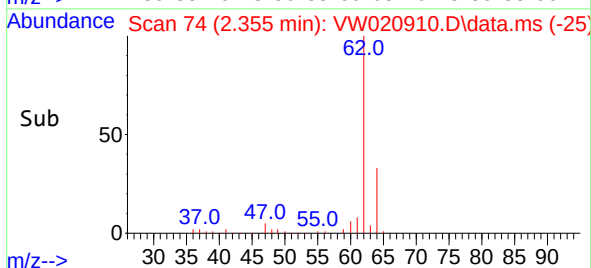
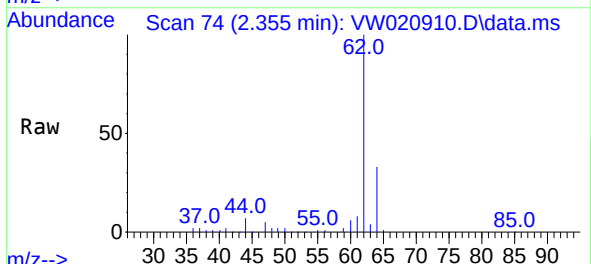
Manual Integrations
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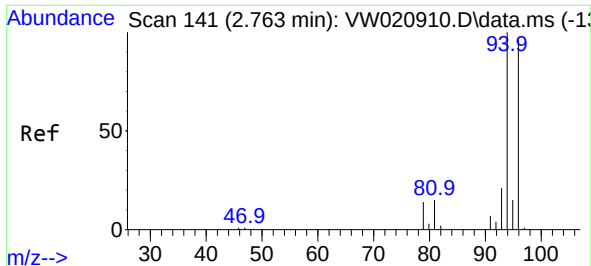
Reviewed By :Vimala Arumugam 11/18/2021
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#4
Vinyl Chloride
Concen: 61.833 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

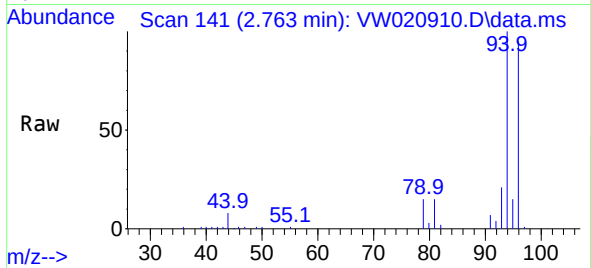
Tgt Ion: 62 Resp: 42783
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





#5
Bromomethane
Concen: 65.349 ug/l
RT: 2.763 min Scan# 141
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

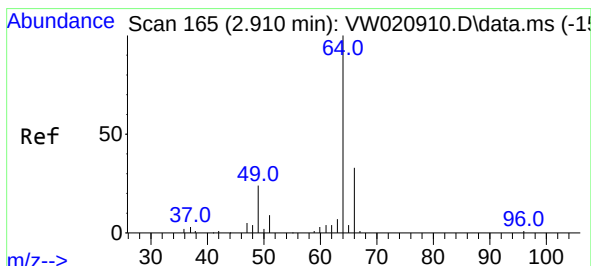
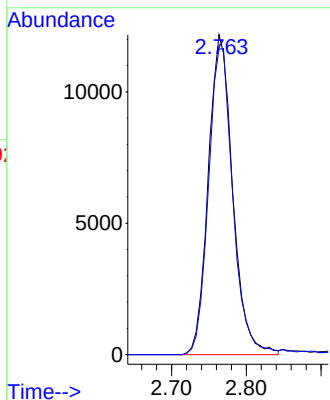
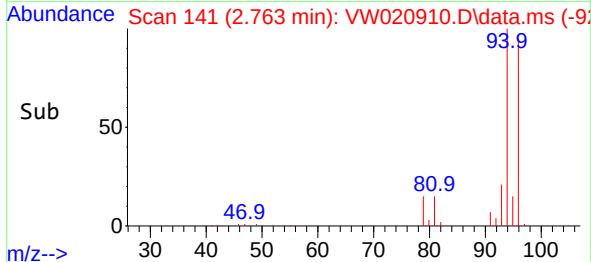
Instrument :
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VSTDICCC050



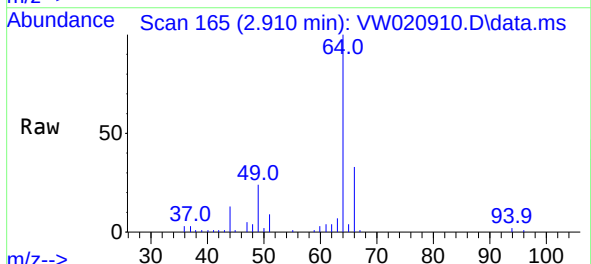
Tgt Ion: 94 Resp: 2768
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6

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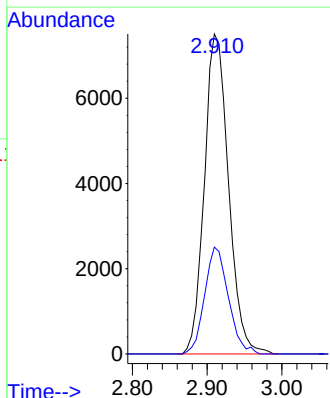
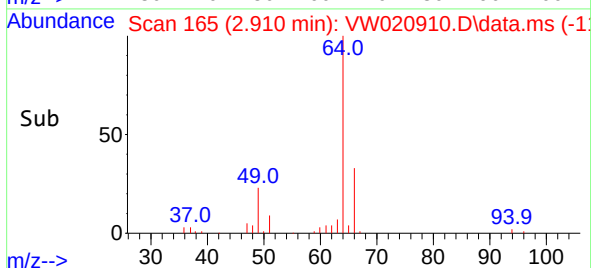
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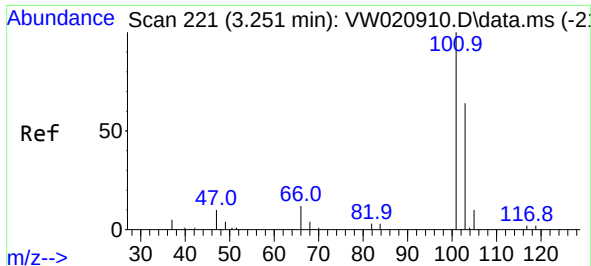


#6
Chloroethane
Concen: 55.576 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion: 64 Resp: 16852
Ion Ratio Lower Upper
64 100
66 33.4 26.7 40.1





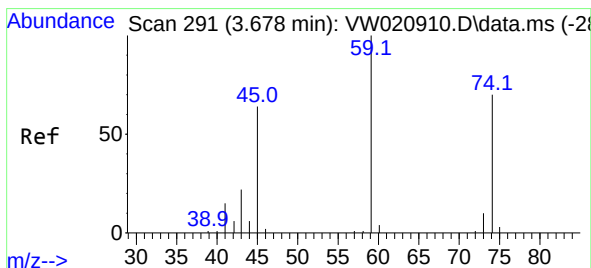
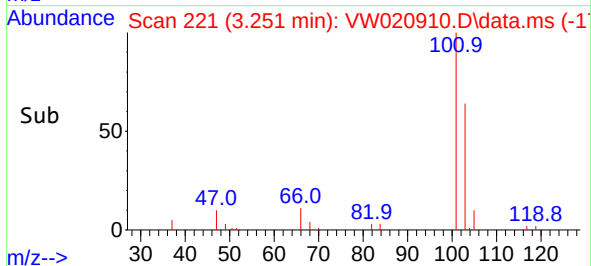
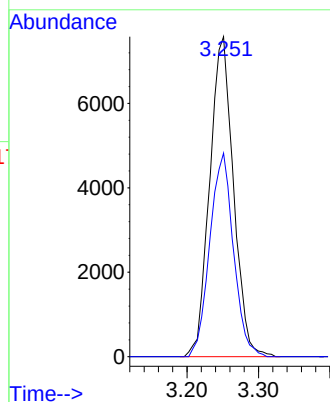
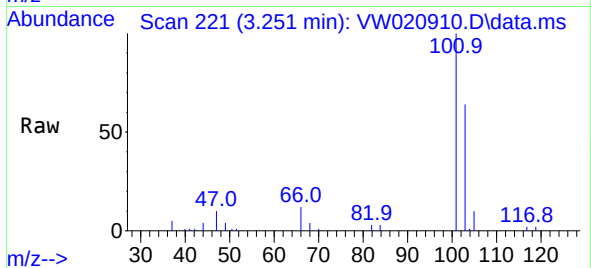
#7
Trichlorofluoromethane
Concen: 38.632 ug/l
RT: 3.251 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
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Tgt Ion:101 Resp: 1750
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

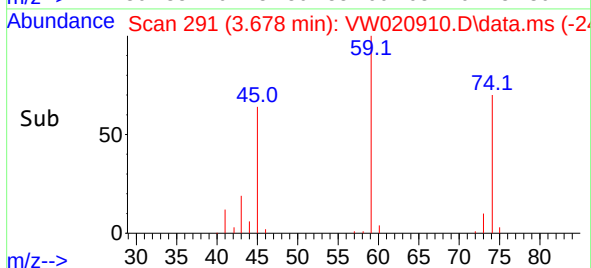
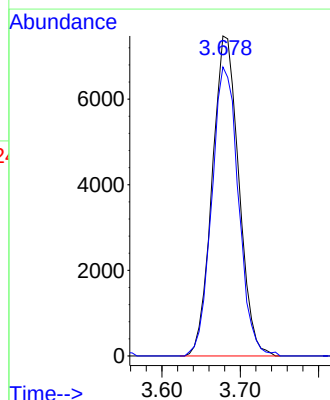
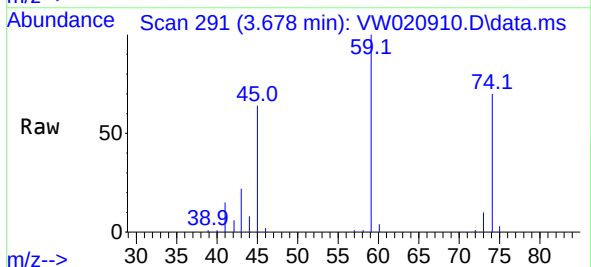
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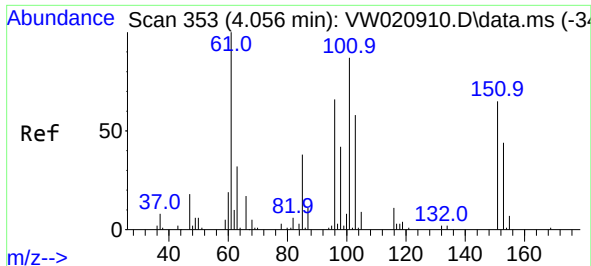
Reviewed By :Vimala Arumugam 11/18/2021
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#8
Diethyl Ether
Concen: 47.659 ug/l
RT: 3.678 min Scan# 291
Delta R.T. 0.000 min
Lab File: VW020910.D
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Tgt Ion: 74 Resp: 17676
Ion Ratio Lower Upper
74 100
45 90.5 45.3 135.8





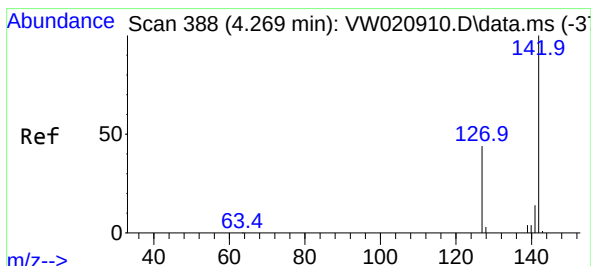
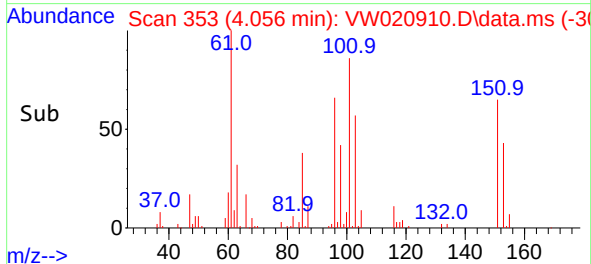
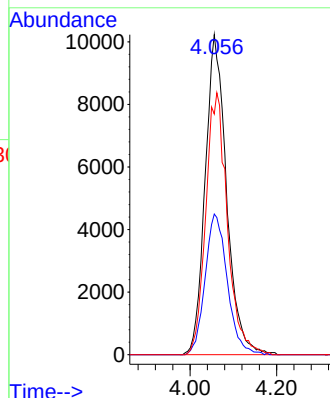
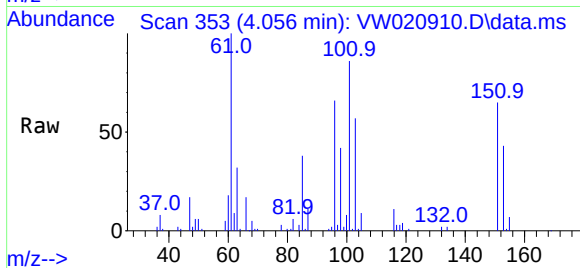
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.609 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

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ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 3504
Ion Ratio Lower Upper
101 100
85 45.7 36.6 54.8
151 82.9 66.3 99.5

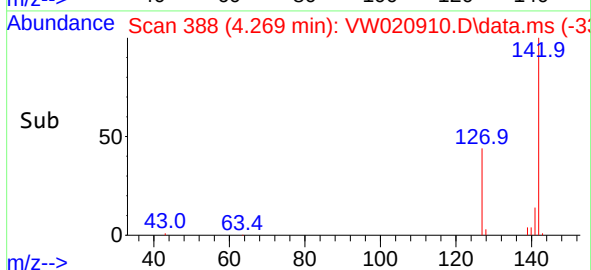
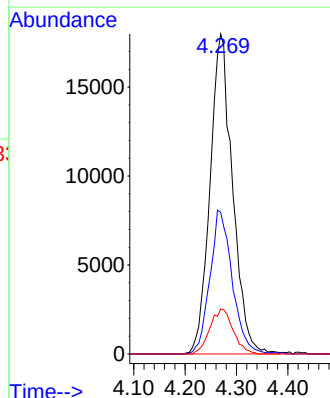
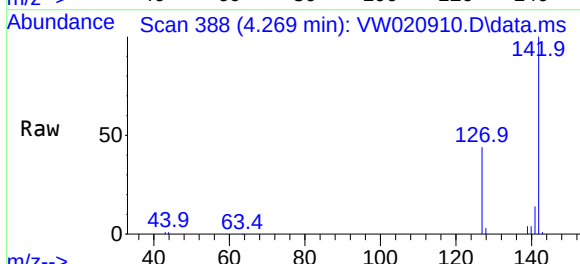
Manual Integrations
APPROVED

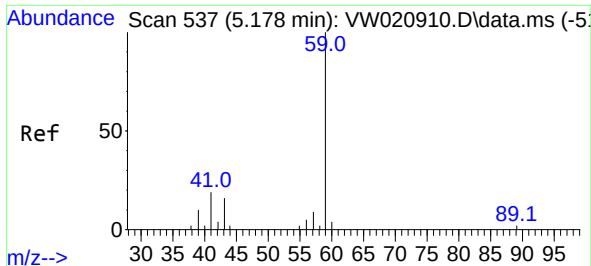
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 55.851 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion:142 Resp: 54801
Ion Ratio Lower Upper
142 100
127 44.4 35.5 53.3
141 14.4 11.5 17.3





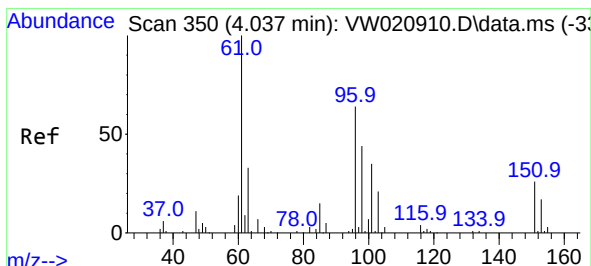
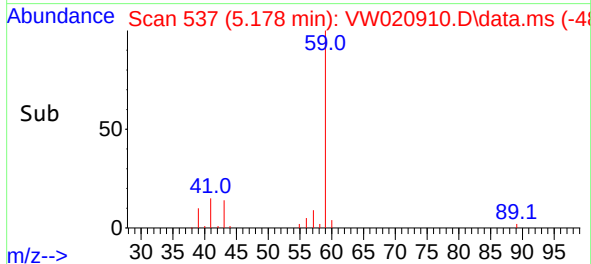
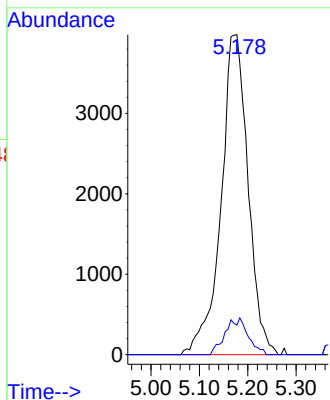
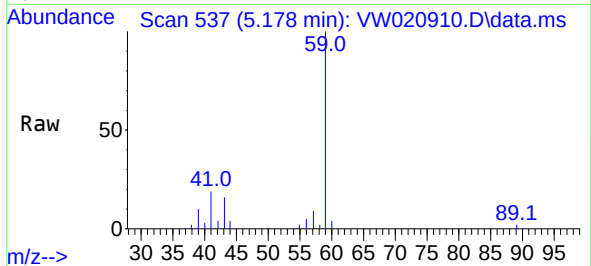
#11
Tert butyl alcohol
Concen: 289.338 ug/l
RT: 5.178 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 15478
Ion Ratio Lower Upper
59 100
57 5.4 4.3 6.5

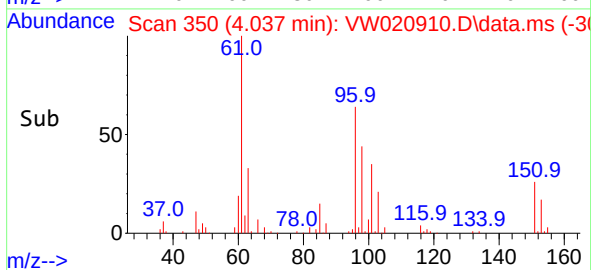
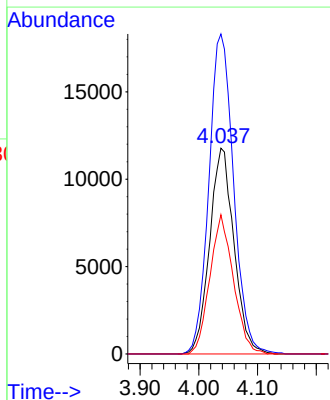
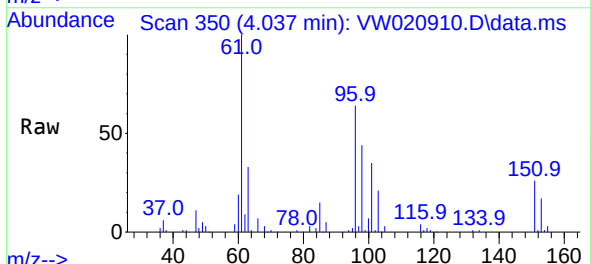
Manual Integrations
APPROVED

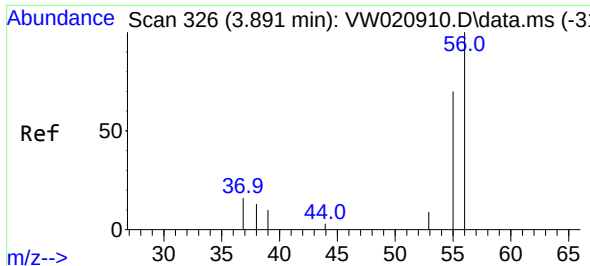
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 47.395 ug/l
RT: 4.037 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

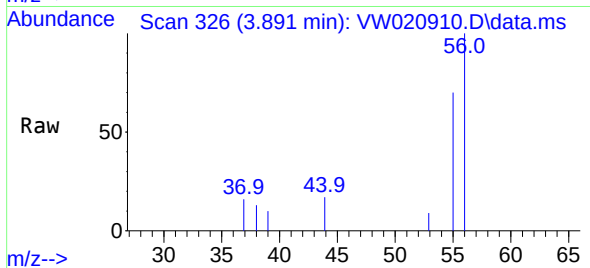
Tgt Ion: 96 Resp: 33980
Ion Ratio Lower Upper
96 100
61 155.5 124.4 186.6
98 67.7 54.2 81.2





#13
Acrolein
Concen: 61.403 ug/l
RT: 3.891 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

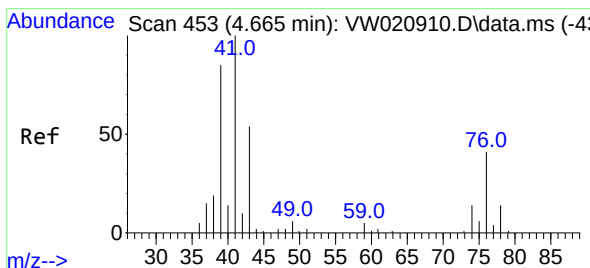
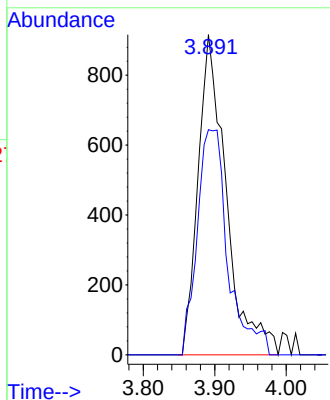
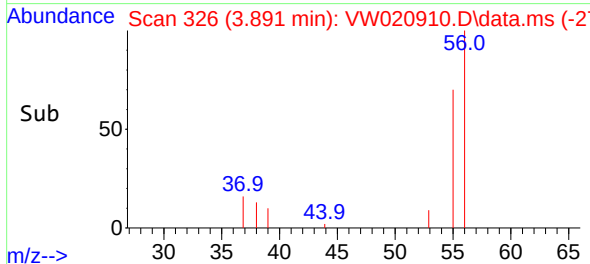
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 76.5 61.2 91.8

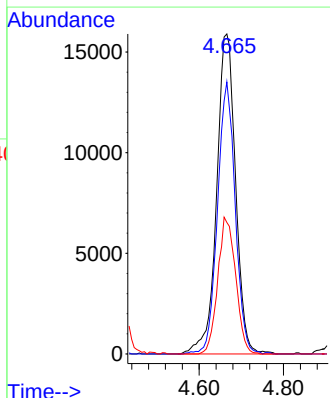
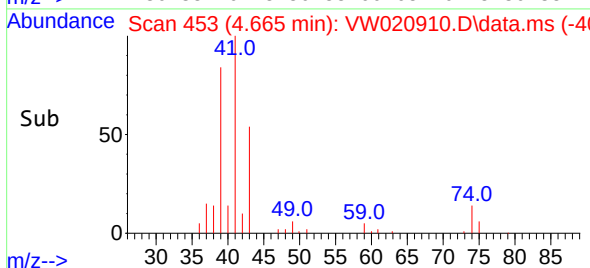
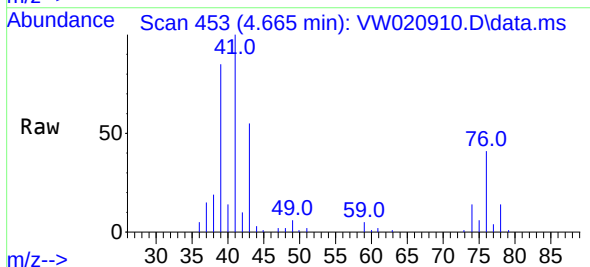
Manual Integrations
APPROVED

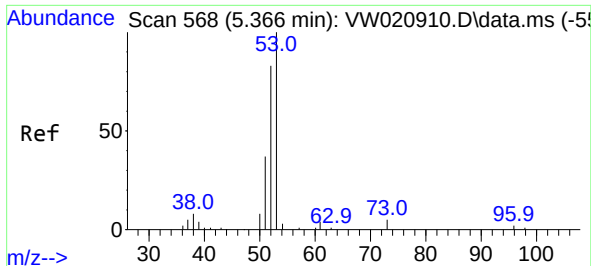
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 43.742 ug/l
RT: 4.665 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

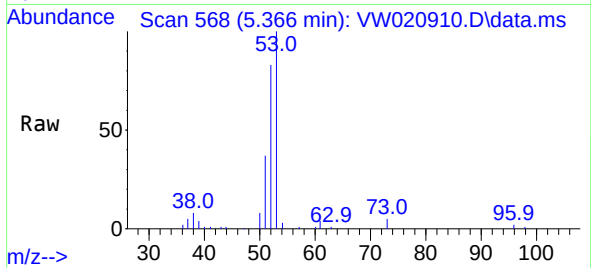
Tgt Ion: 41 Resp: 49524
Ion Ratio Lower Upper
41 100
39 79.3 63.4 95.2
76 40.3 32.2 48.4





#15
Acrylonitrile
Concen: 216.184 ug/l
RT: 5.366 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

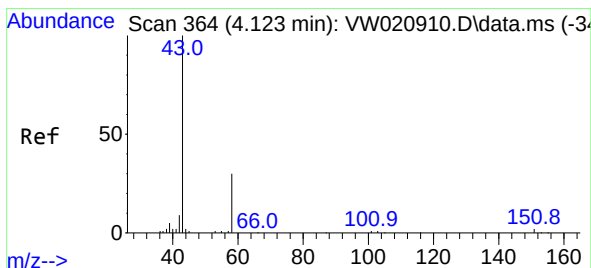
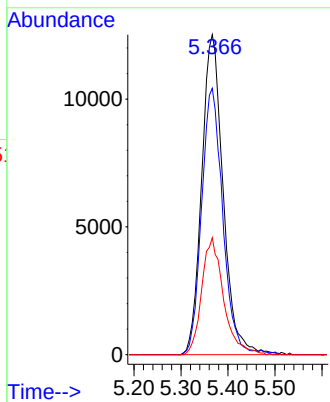
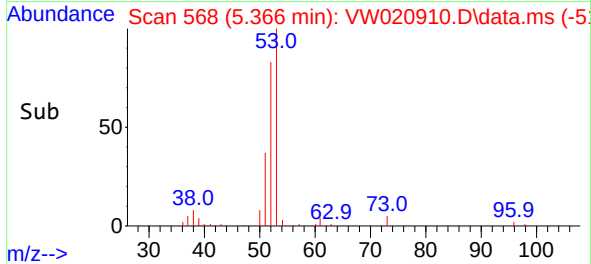
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion:	53	Resp:	3963
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.9	98.9
51	37.2	29.8	44.6

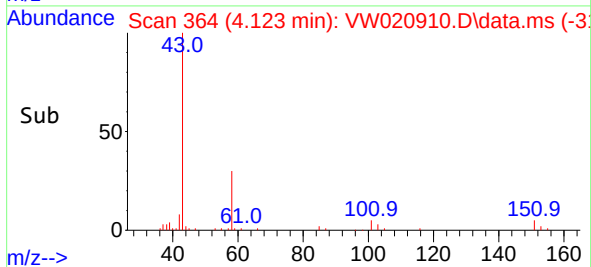
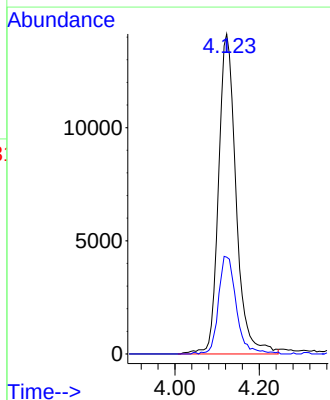
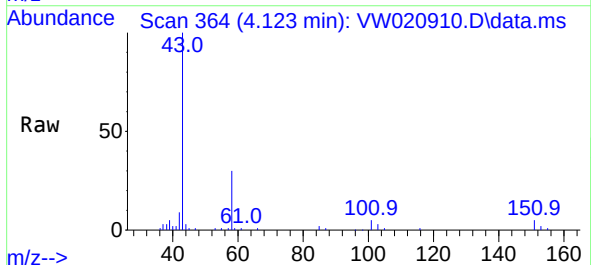
Manual Integrations
APPROVED

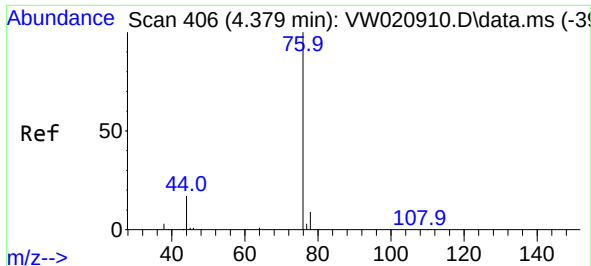
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 205.812 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

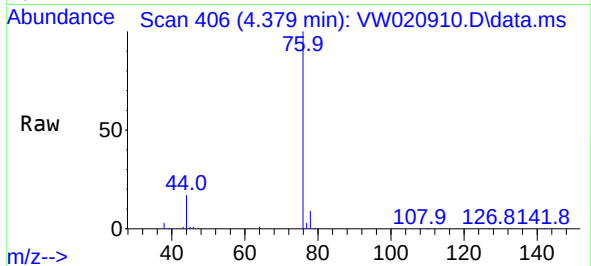
Tgt Ion:	43	Resp:	40706
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.2





#17
Carbon Disulfide
Concen: 47.170 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

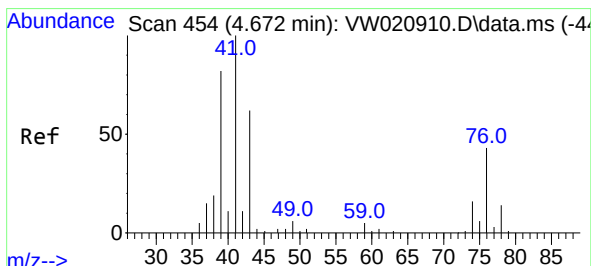
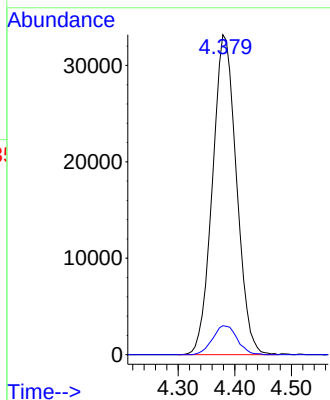
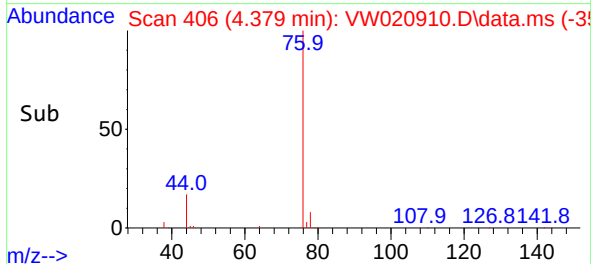
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 97662
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

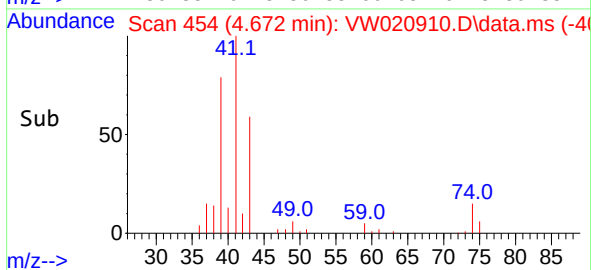
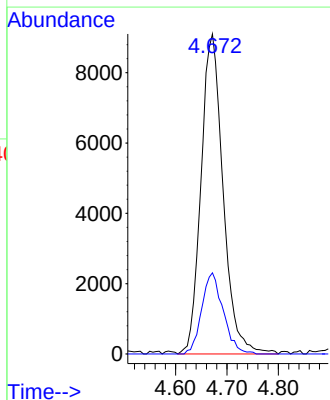
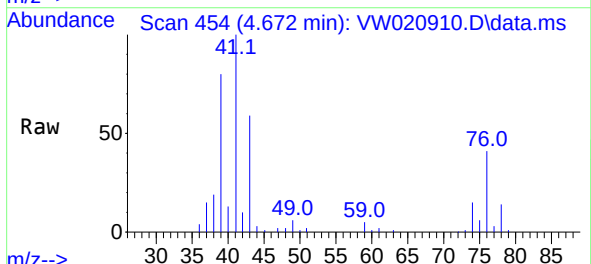
Manual Integrations
APPROVED

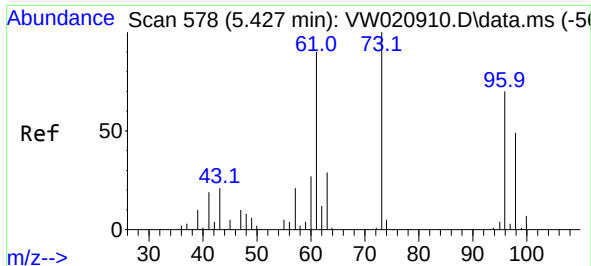
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 43.294 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion: 43 Resp: 27154
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5





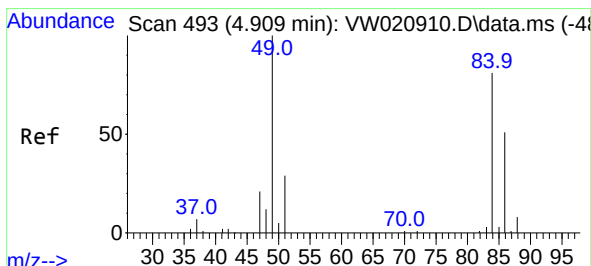
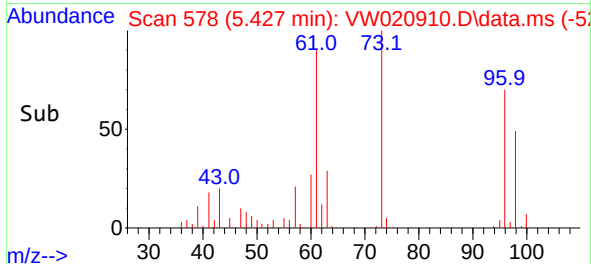
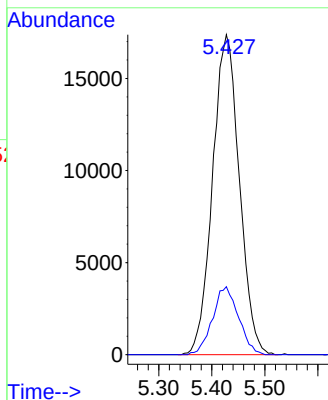
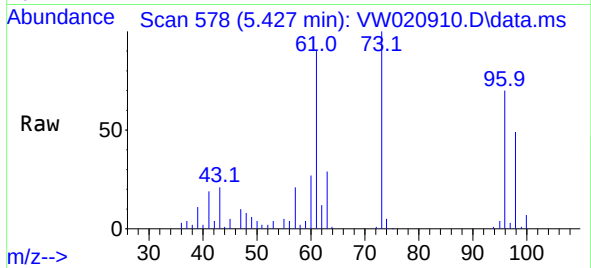
#19
Methyl tert-butyl Ether
Concen: 49.695 ug/l
RT: 5.427 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 6086
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

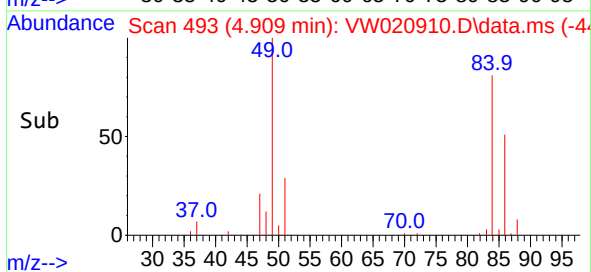
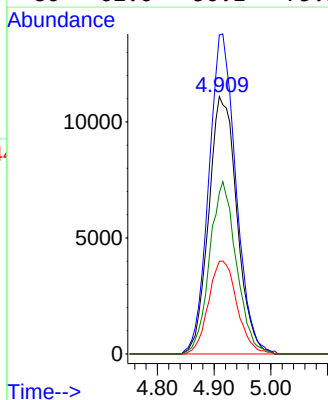
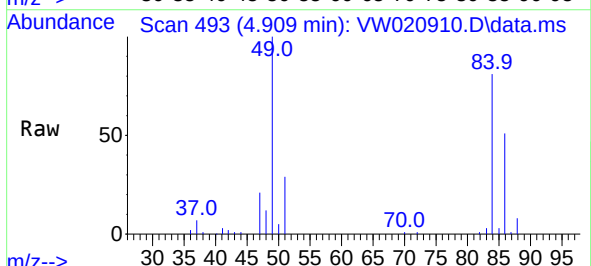
Manual Integrations
APPROVED

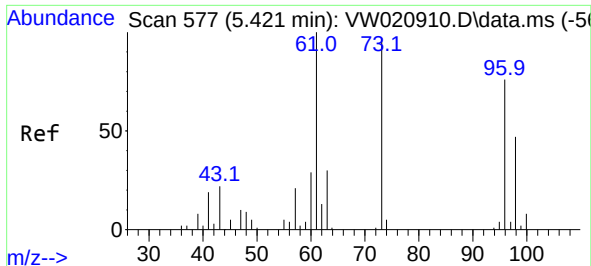
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 36.471 ug/l
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

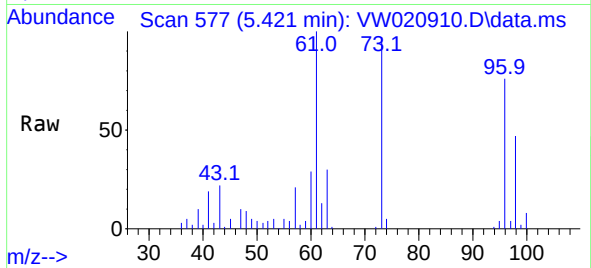
Tgt Ion: 84 Resp: 38383
Ion Ratio Lower Upper
84 100
49 123.9 99.1 148.7
51 36.0 28.8 43.2
86 62.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.165 ug/l
RT: 5.421 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

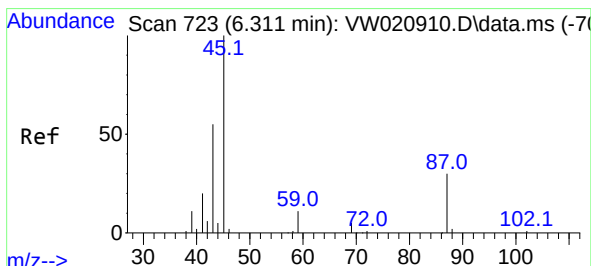
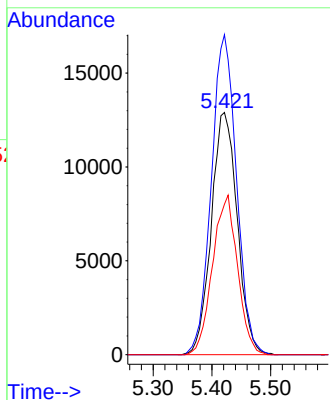
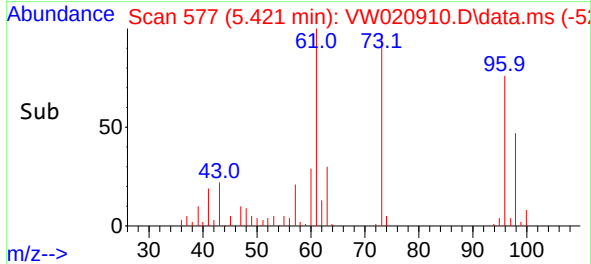
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



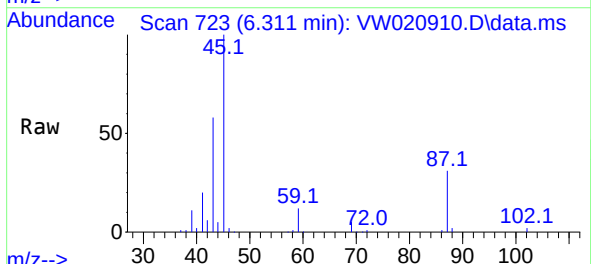
Tgt Ion: 96 Resp: 3955
Ion Ratio Lower Upper
96 100
61 132.1 105.7 158.5
98 62.1 49.7 74.5

Manual Integrations
APPROVED

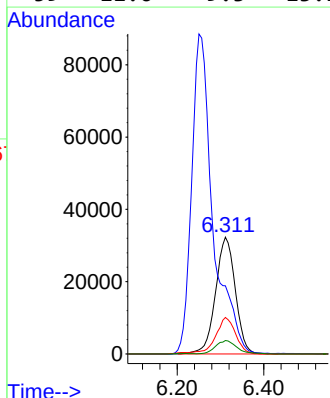
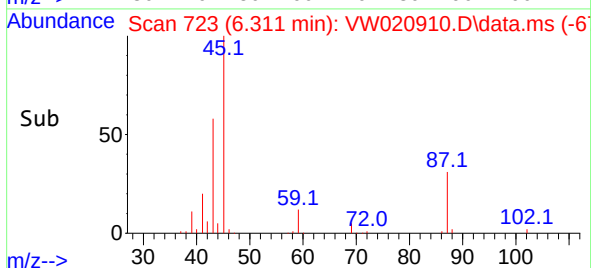
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

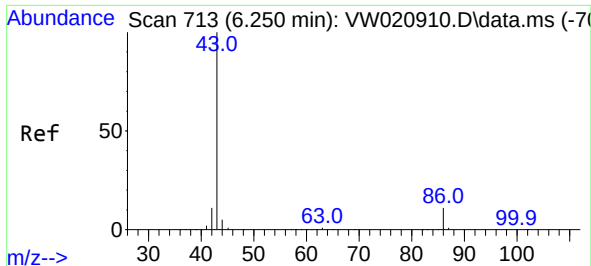


#22
Diisopropyl ether
Concen: 45.903 ug/l
RT: 6.311 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



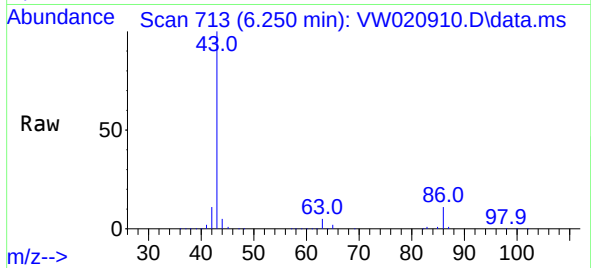
Tgt Ion: 45 Resp: 102554
Ion Ratio Lower Upper
45 100
43 57.8 46.2 69.4
87 31.3 25.0 37.6
59 11.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 233.187 ug/l
 RT: 6.250 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW020910.D
 Acq: 17 Nov 2021 16:57

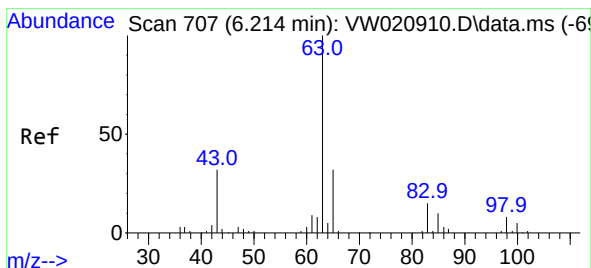
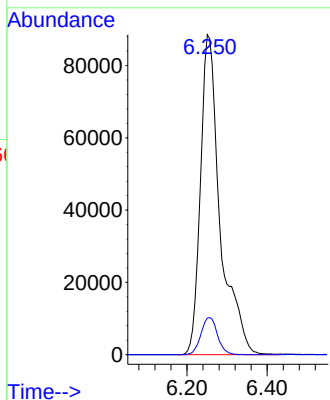
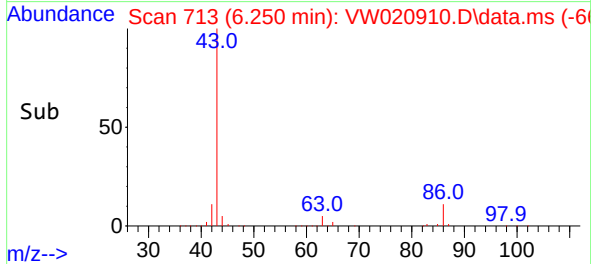
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



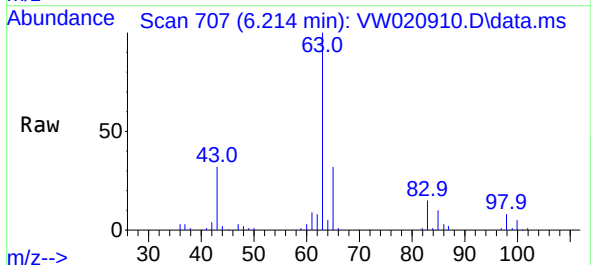
Tgt Ion: 43 Resp: 302130
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8

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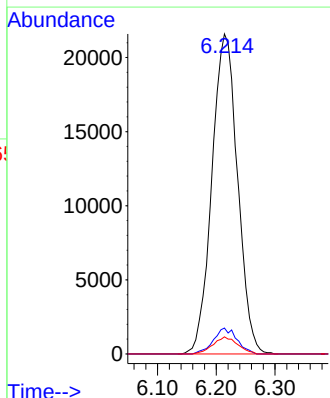
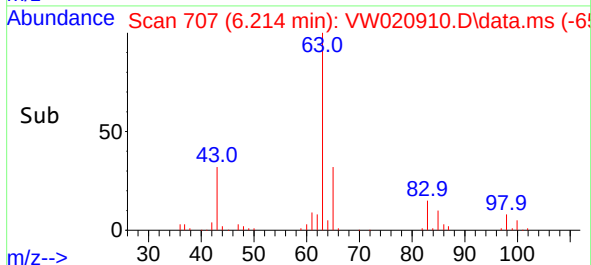
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

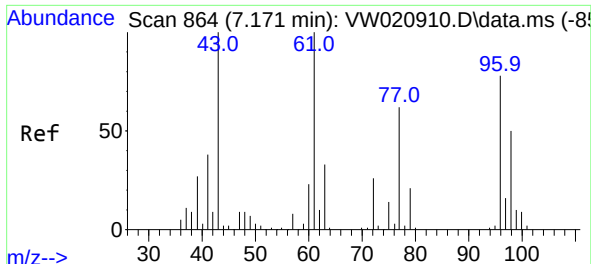


#24
 1,1-Dichloroethane
 Concen: 45.637 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020910.D
 Acq: 17 Nov 2021 16:57



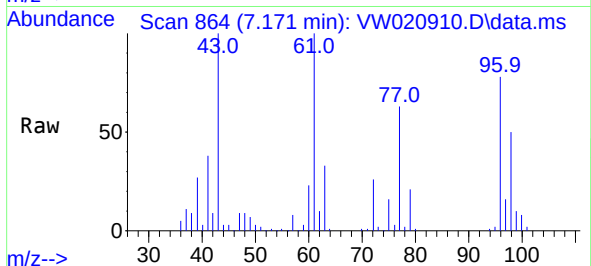
Tgt Ion: 63 Resp: 65572
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.3 2.6 8.0





#25
2-Butanone
Concen: 225.298 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

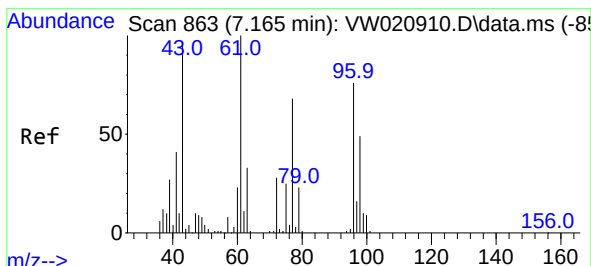
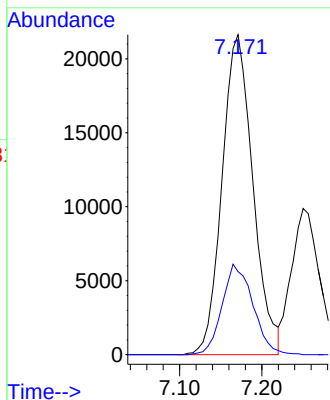
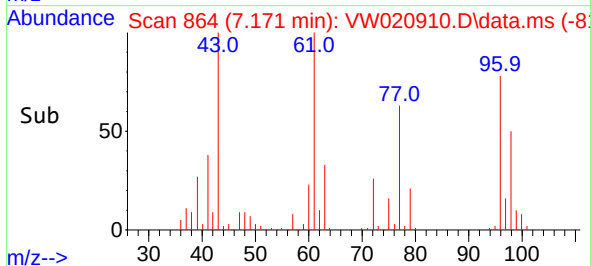
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



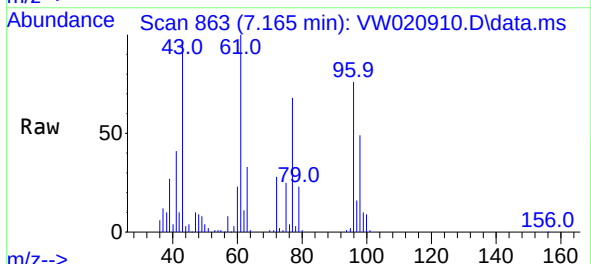
Tgt Ion: 43 Resp: 5651
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1

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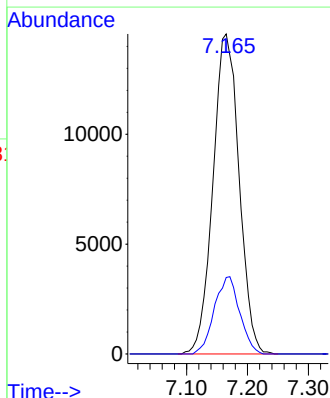
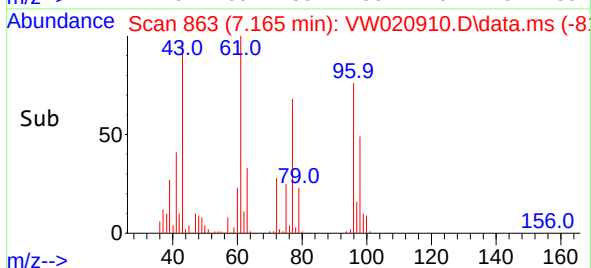
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

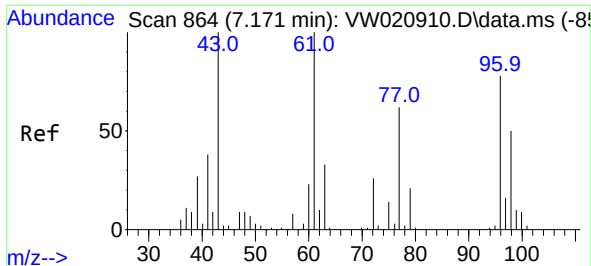


#26
2,2-Dichloropropane
Concen: 45.938 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



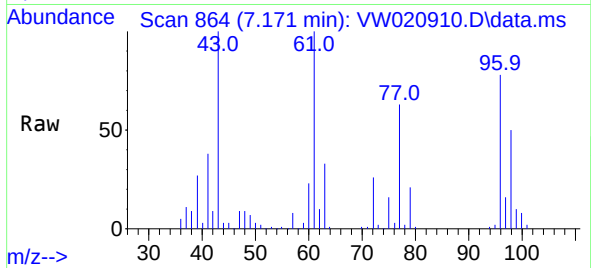
Tgt Ion: 77 Resp: 43318
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 50.693 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

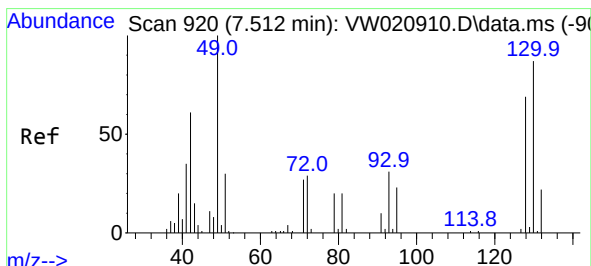
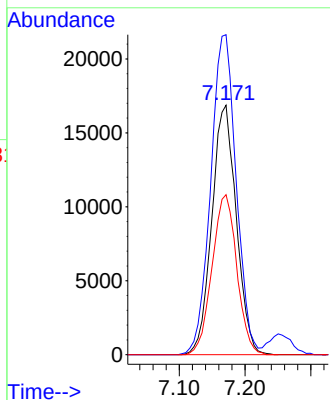
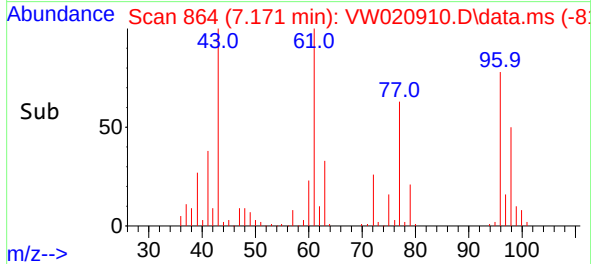
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



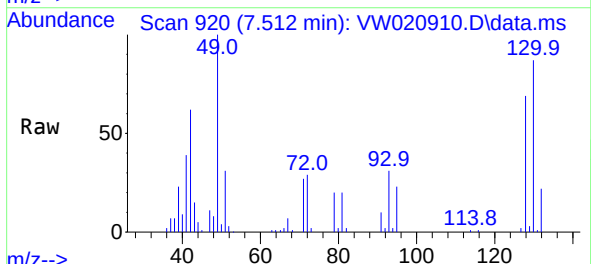
Tgt Ion: 96 Resp: 4375
Ion Ratio Lower Upper
96 100
61 133.3 0.0 266.6
98 64.7 0.0 129.4

Manual Integrations
APPROVED

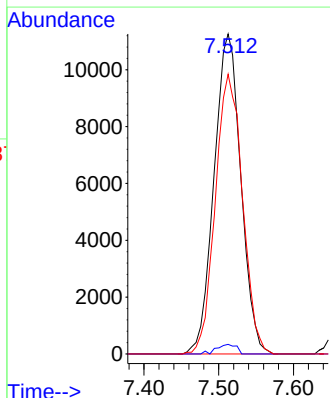
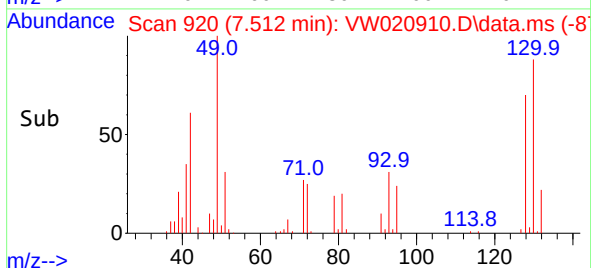
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

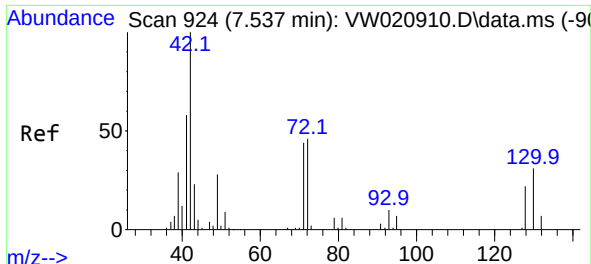


#28
Bromochloromethane
Concen: 47.114 ug/l
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



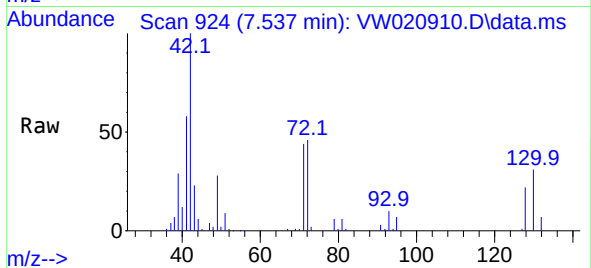
Tgt Ion: 49 Resp: 28057
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 88.5 70.8 106.2





#29
Tetrahydrofuran
Concen: 223.293 ug/l
RT: 7.537 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

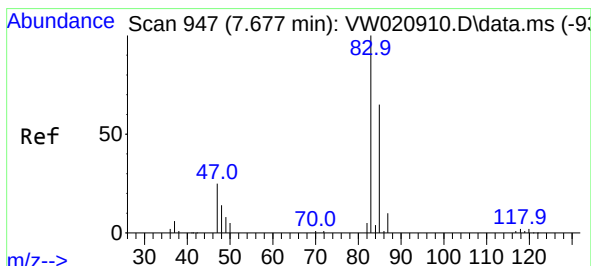
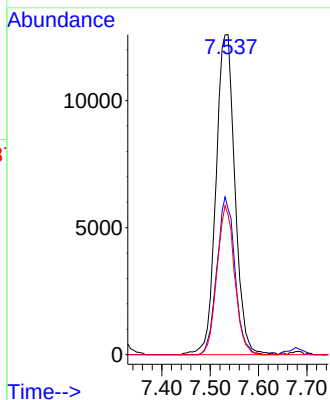
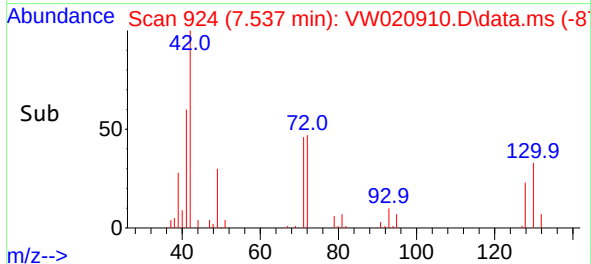
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



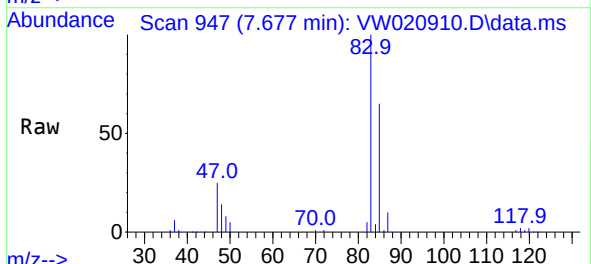
Tgt Ion: 42 Resp: 3426
Ion Ratio Lower Upper
42 100
72 46.7 37.4 56.0
71 43.4 34.7 52.1

Manual Integrations
APPROVED

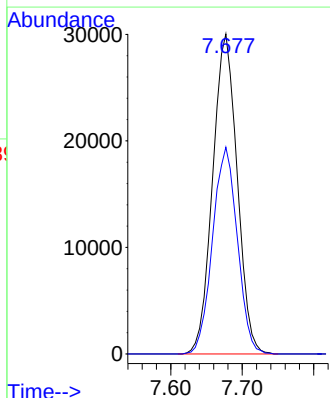
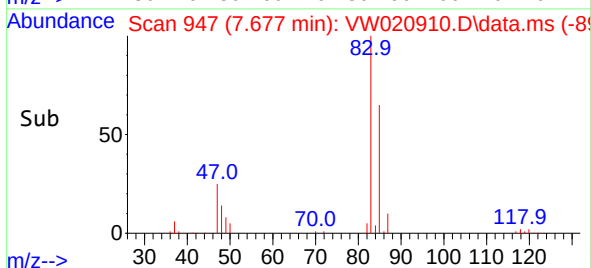
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

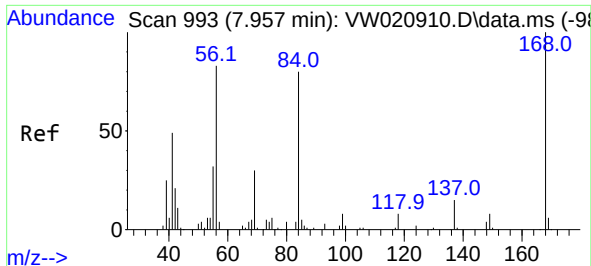


#30
Chloroform
Concen: 47.180 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



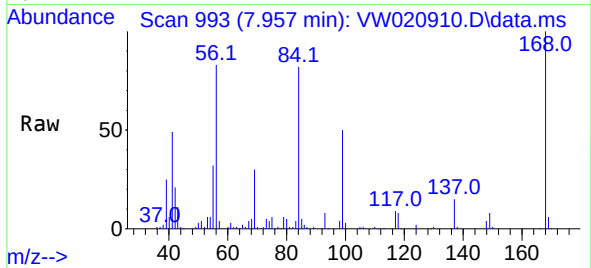
Tgt Ion: 83 Resp: 71449
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5





#31
Cyclohexane
Concen: 40.734 ug/l
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

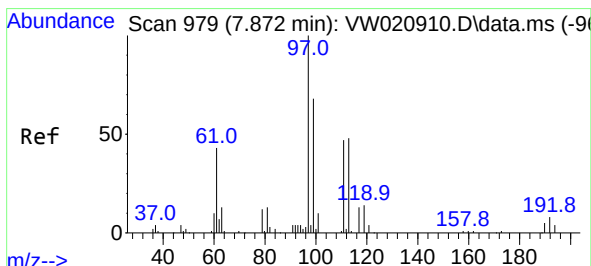
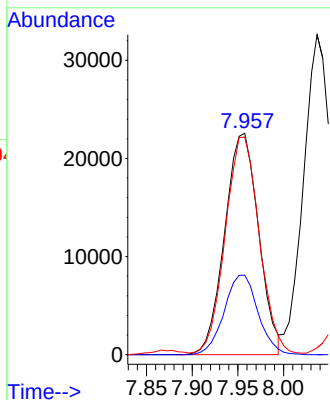
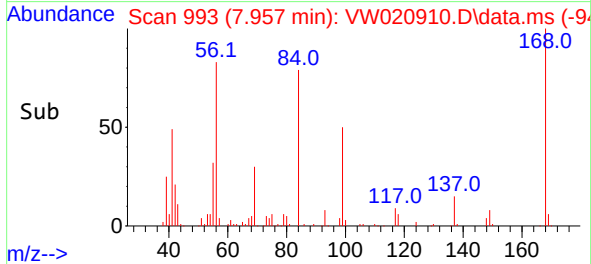
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



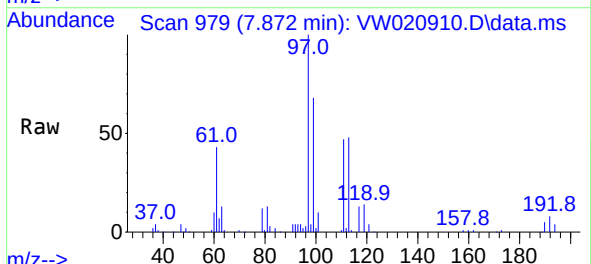
Tgt Ion: 56 Resp: 5821
Ion Ratio Lower Upper
56 100
69 35.9 28.7 43.1
84 97.0 77.6 116.4

Manual Integrations
APPROVED

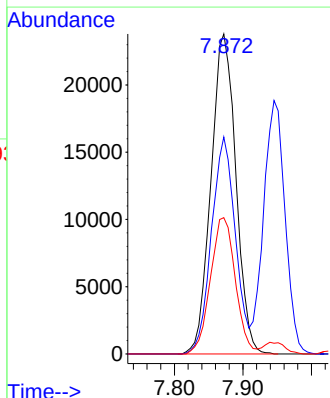
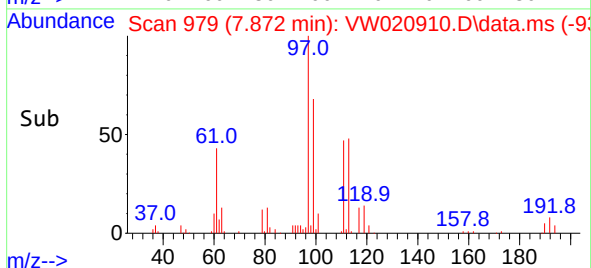
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

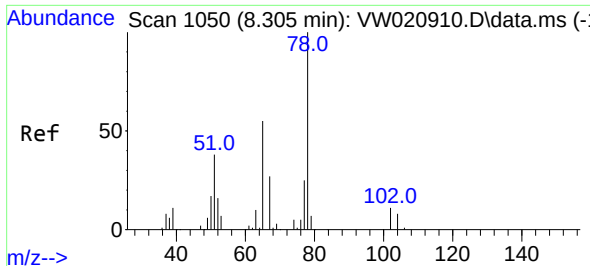


#32
1,1,1-Trichloroethane
Concen: 46.893 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion: 97 Resp: 59884
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 42.7 34.2 51.2





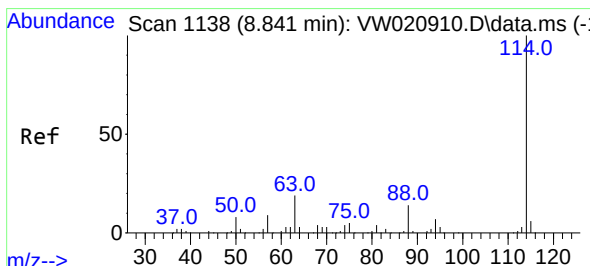
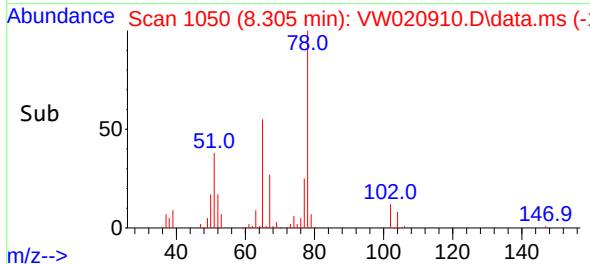
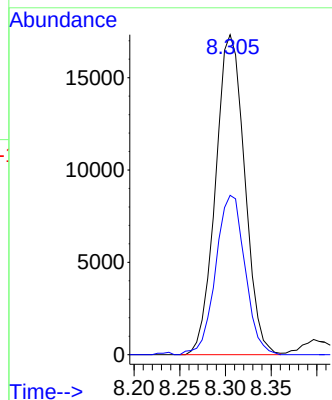
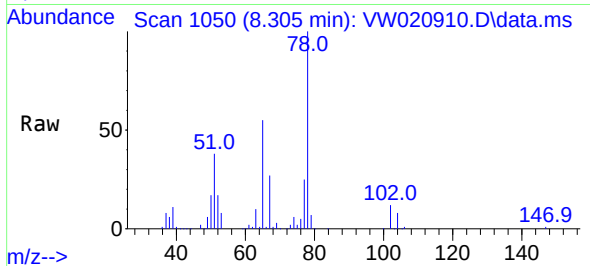
#33
1,2-Dichloroethane-d4
Concen: 45.083 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 3842
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

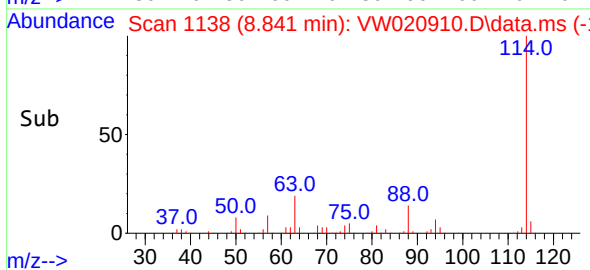
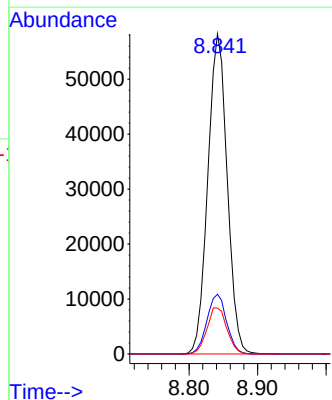
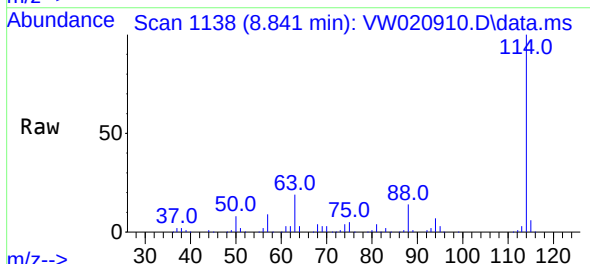
Manual Integrations
APPROVED

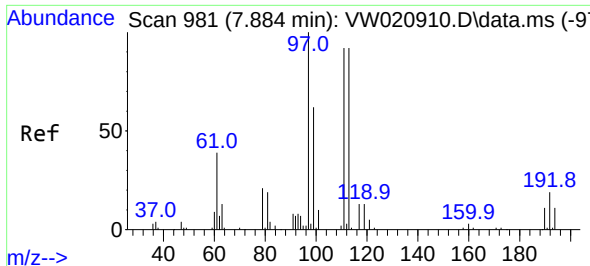
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

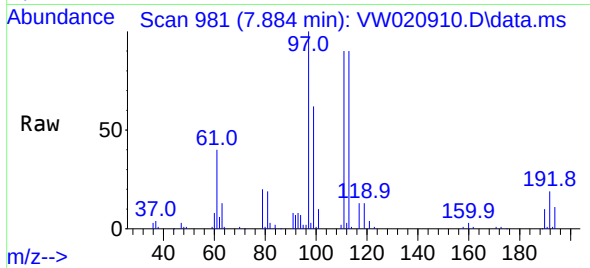
Tgt Ion:114 Resp: 114297
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.2
88 14.4 0.0 28.8





#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

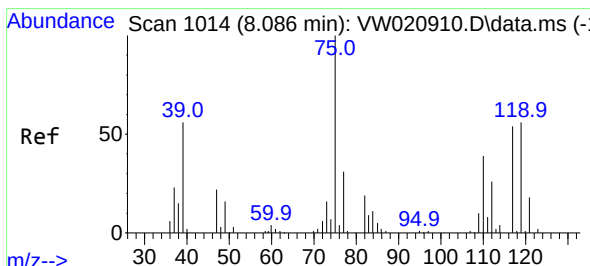
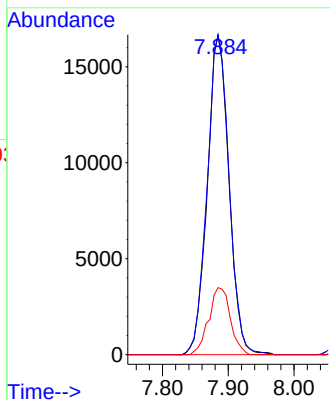
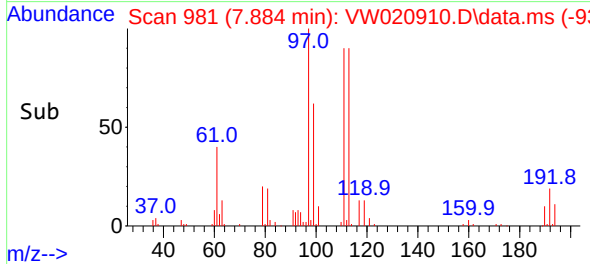
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



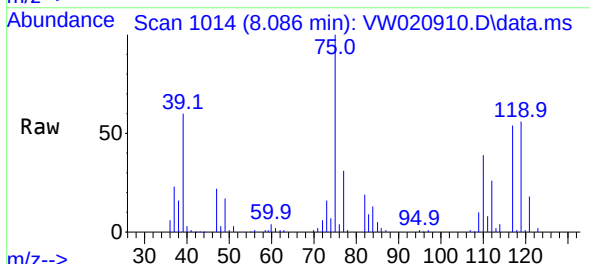
Tgt Ion: 113 Resp: 38094
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 21.0 16.8 25.2

Manual Integrations
APPROVED

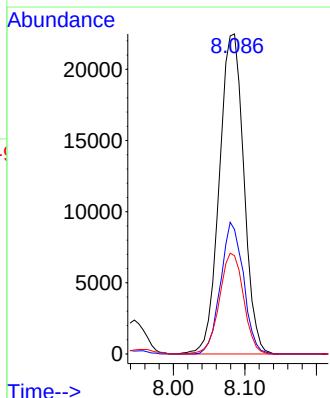
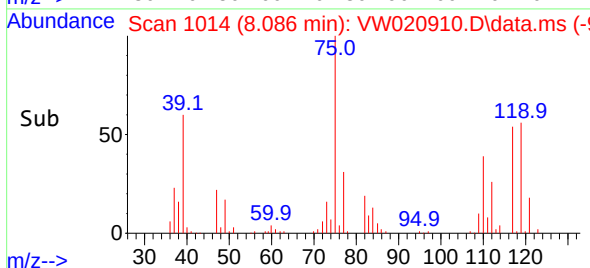
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

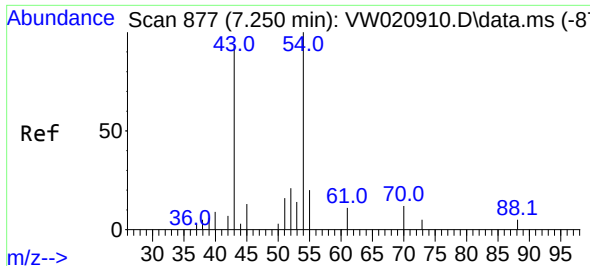


#36
1,1-Dichloropropene
Concen: 44.382 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



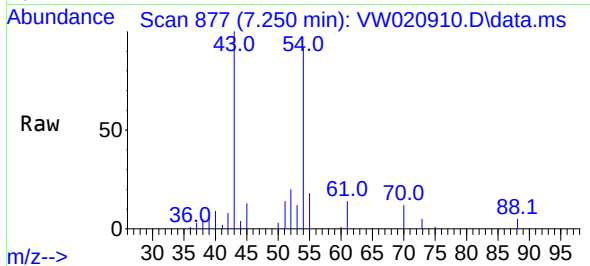
Tgt Ion: 75 Resp: 53533
Ion Ratio Lower Upper
75 100
110 38.3 19.1 57.5
77 31.0 24.8 37.2





#37
Ethyl Acetate
Concen: 43.525 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

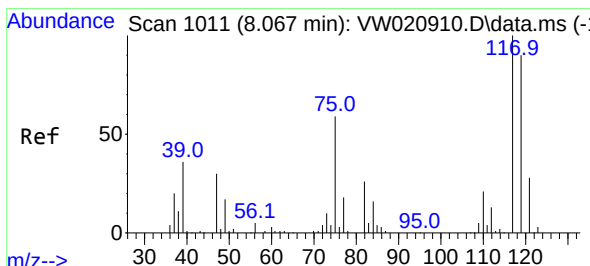
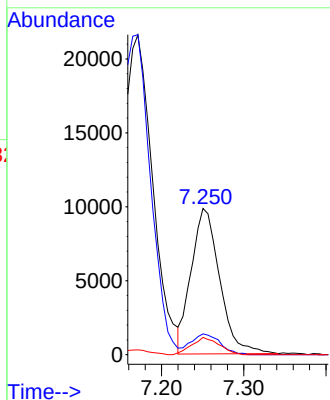
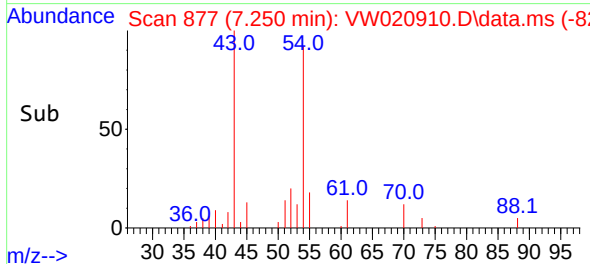
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



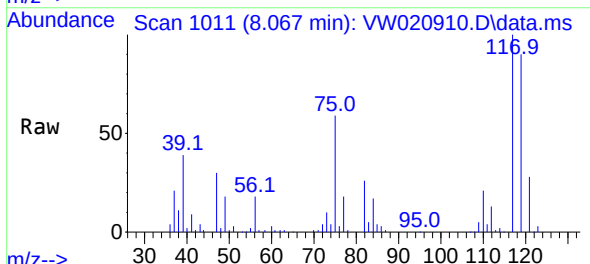
Tgt Ion: 43 Resp: 2370
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.5 9.2 13.8

Manual Integrations
APPROVED

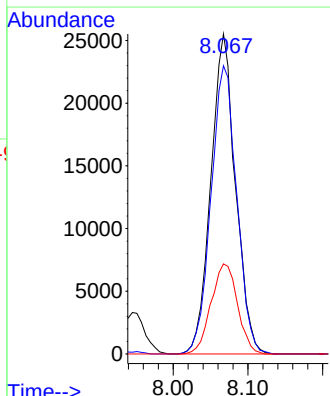
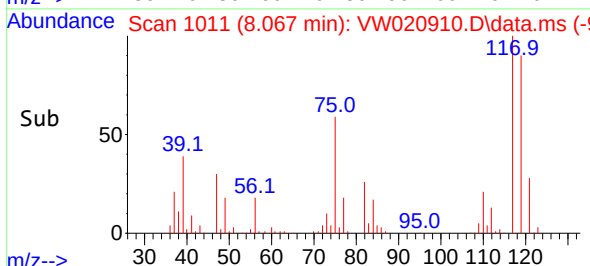
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

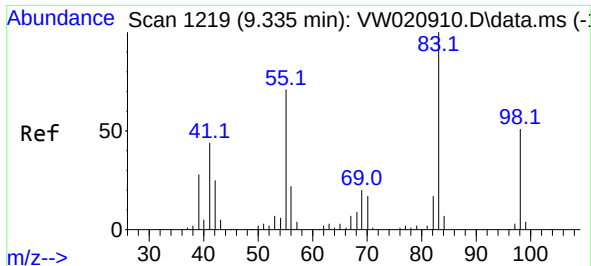


#38
Carbon Tetrachloride
Concen: 48.038 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion:117 Resp: 58498
Ion Ratio Lower Upper
117 100
119 90.0 72.0 108.0
121 28.2 22.6 33.8





#39

Methylcyclohexane

Concen: 47.592 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

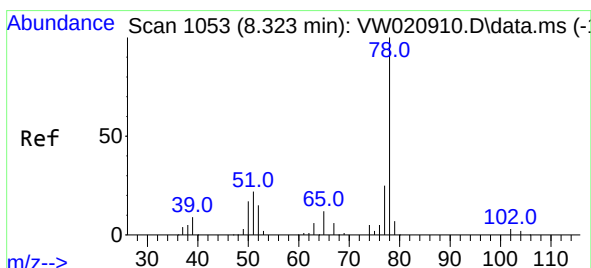
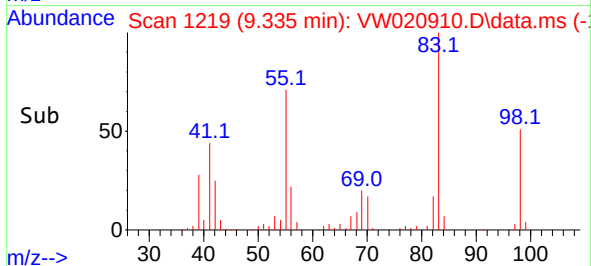
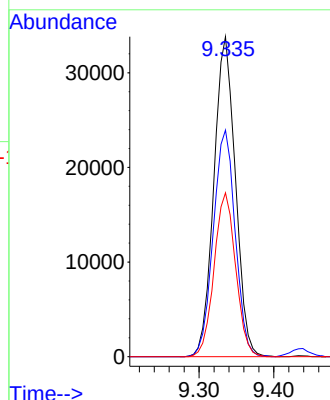
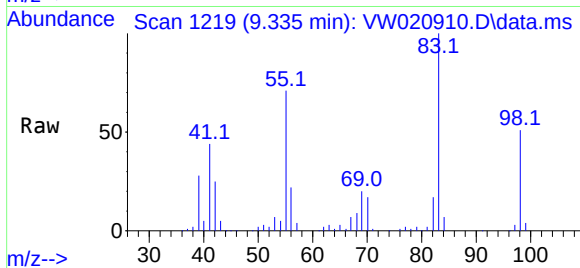
Tgt Ion: 83 Resp: 6755

Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.6	85.0
98	51.2	41.0	61.4

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 45.104 ug/l

RT: 8.323 min Scan# 1053

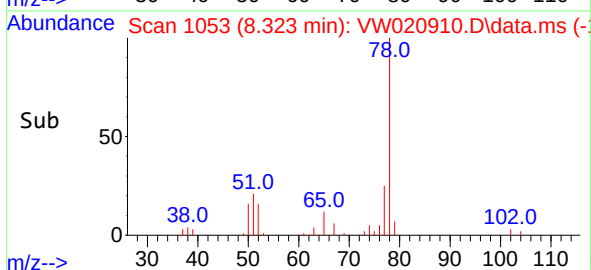
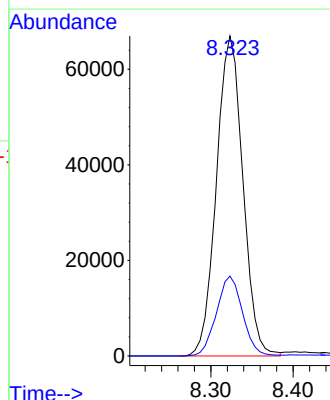
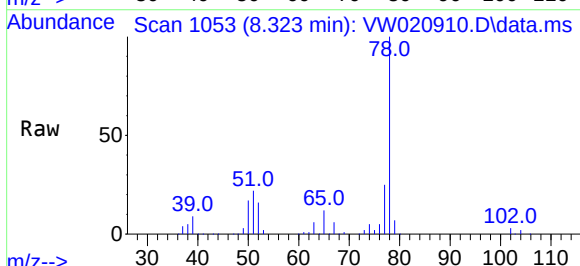
Delta R.T. 0.000 min

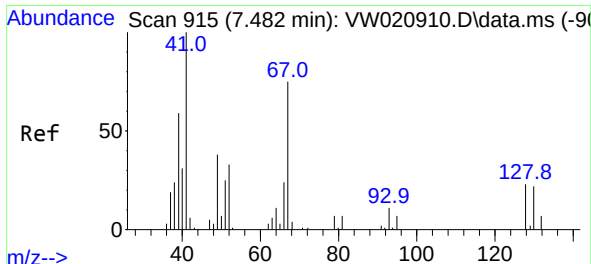
Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Tgt Ion: 78 Resp: 149756

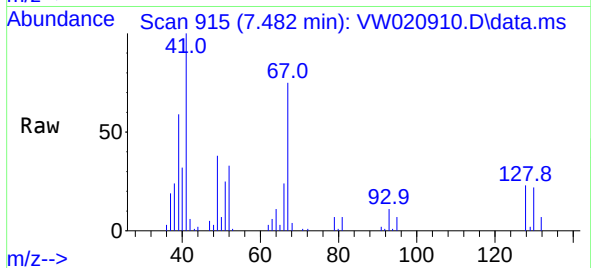
Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.0	30.0





#41
Methacrylonitrile
Concen: 46.791 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

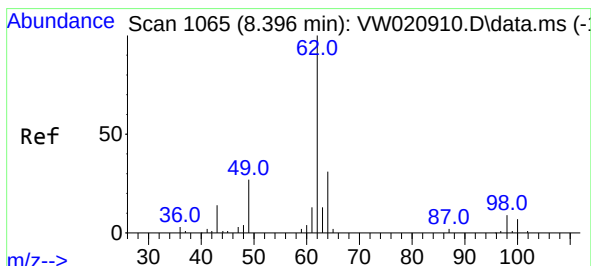
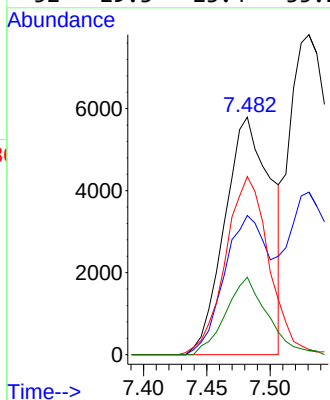
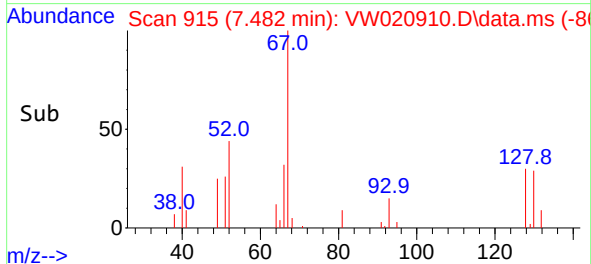
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



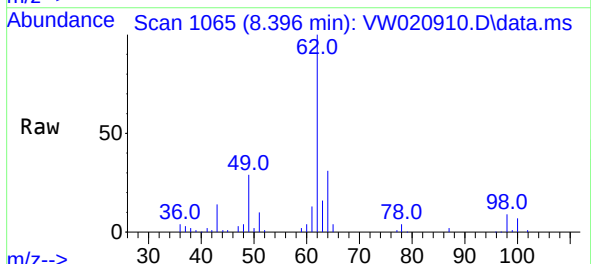
Tgt Ion: 41 Resp: 1483
Ion Ratio Lower Upper
41 100
39 53.6 42.9 64.3
67 70.3 56.2 84.4
52 29.3 23.4 35.2

Manual Integrations
APPROVED

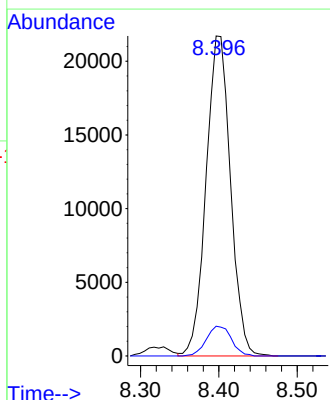
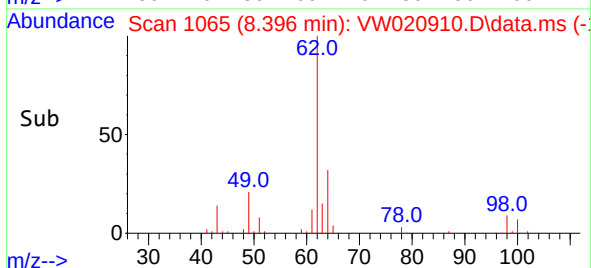
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

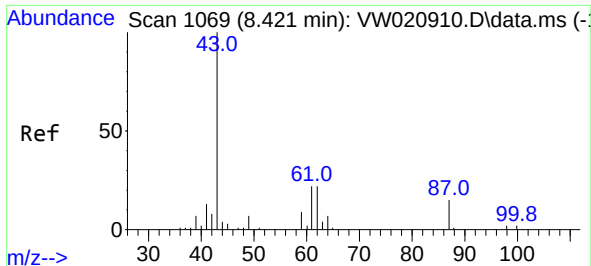


#42
1,2-Dichloroethane
Concen: 44.255 ug/l
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



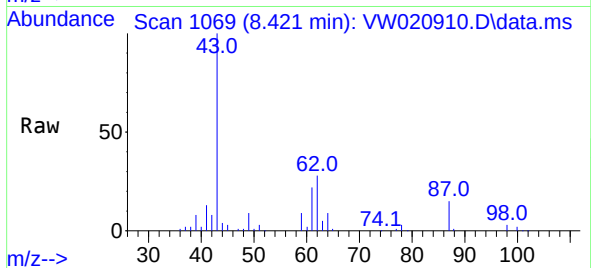
Tgt Ion: 62 Resp: 47012
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0





#43
Isopropyl Acetate
Concen: 47.915 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

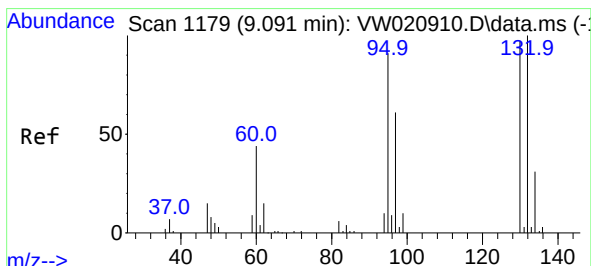
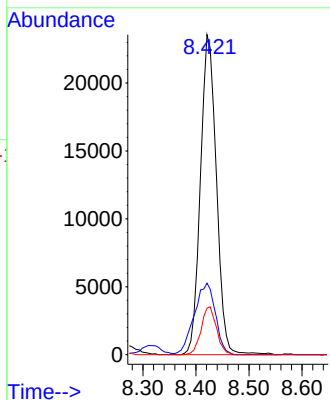
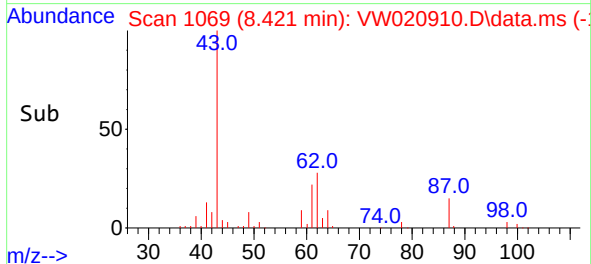
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 4933
Ion Ratio Lower Upper
43 100
61 29.6 23.7 35.5
87 14.4 11.5 17.3

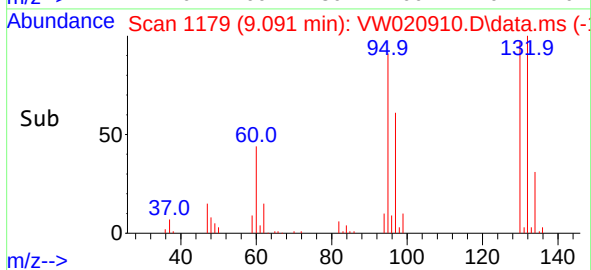
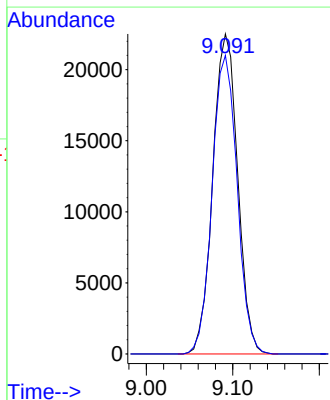
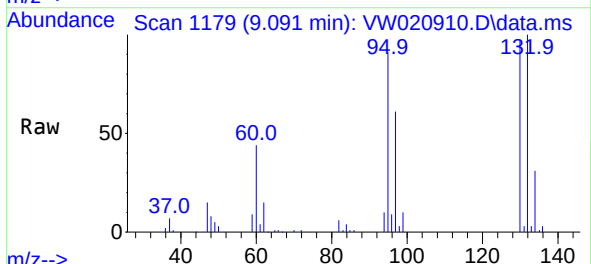
Manual Integrations
APPROVED

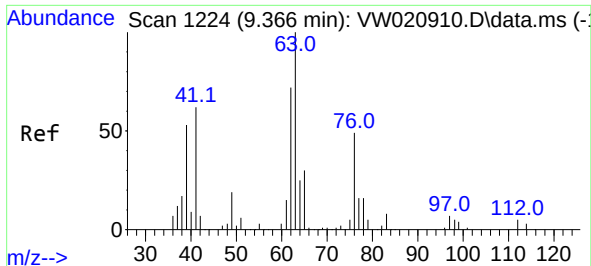
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 48.996 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion:130 Resp: 44866
Ion Ratio Lower Upper
130 100
95 93.3 0.0 186.6





#45

1,2-Dichloropropane

Concen: 45.322 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 3595

Ion Ratio Lower Upper

63 100

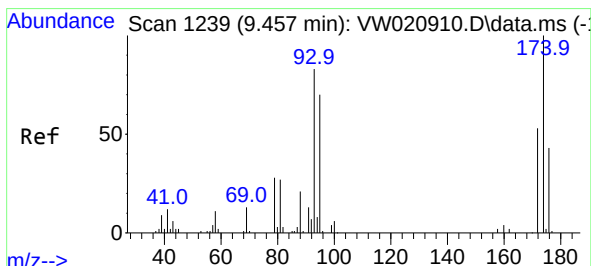
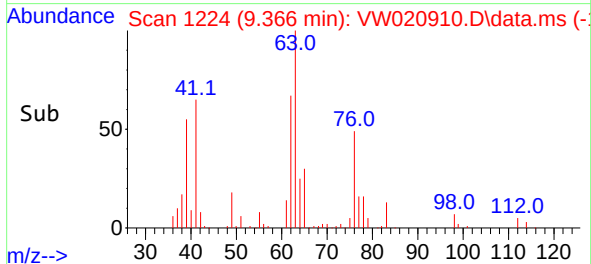
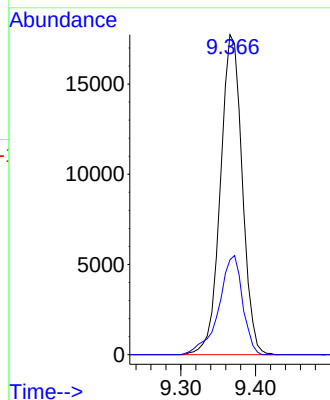
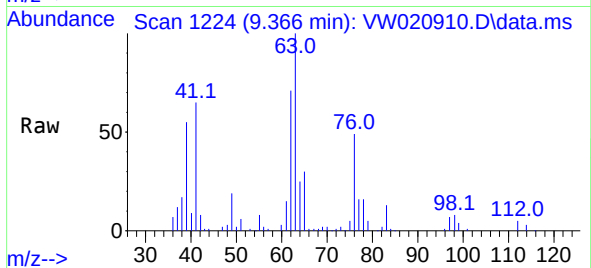
65 29.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 49.877 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

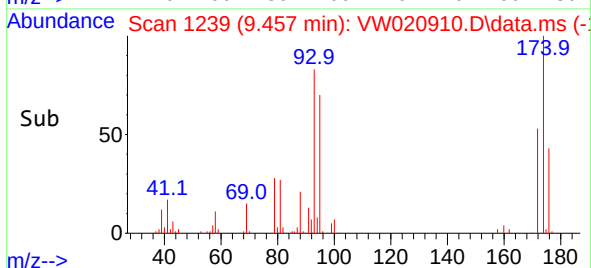
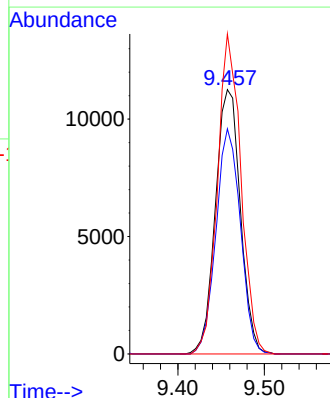
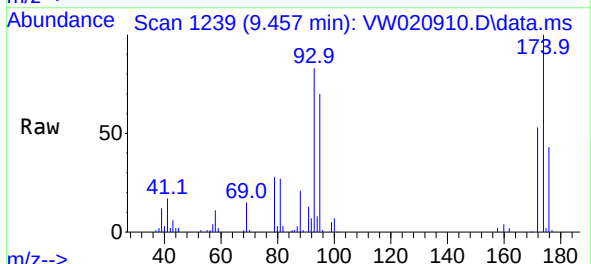
Tgt Ion: 93 Resp: 22560

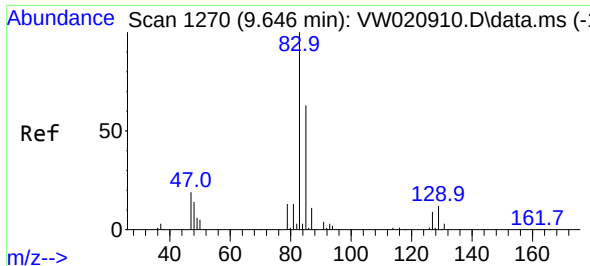
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 113.9 91.1 136.7





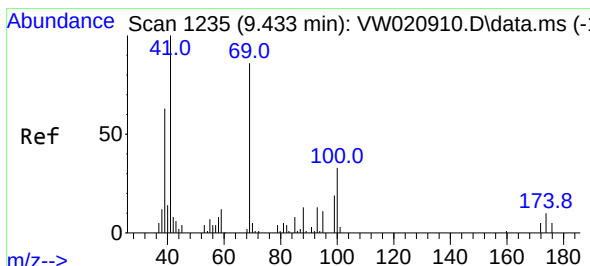
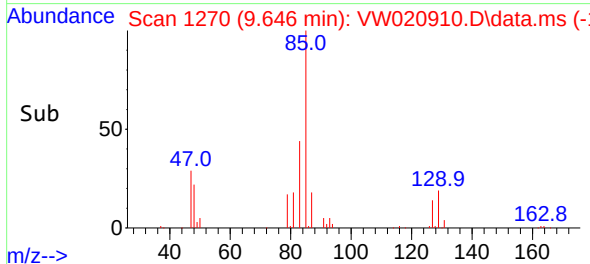
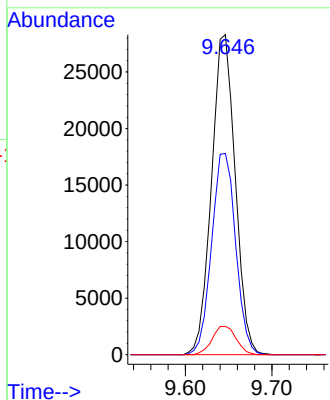
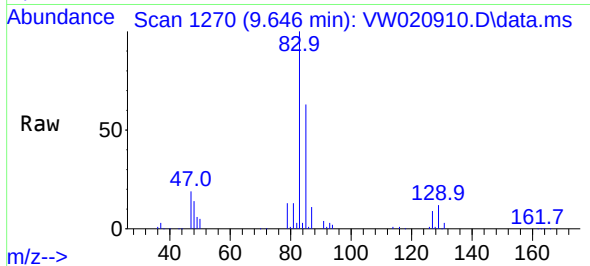
#47
Bromodichloromethane
Concen: 48.412 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 5387
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5
127 8.9 7.1 10.7

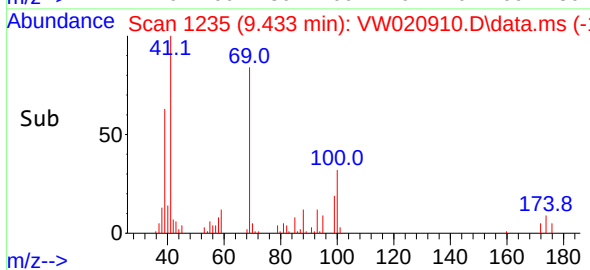
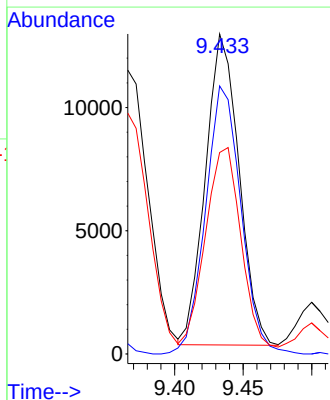
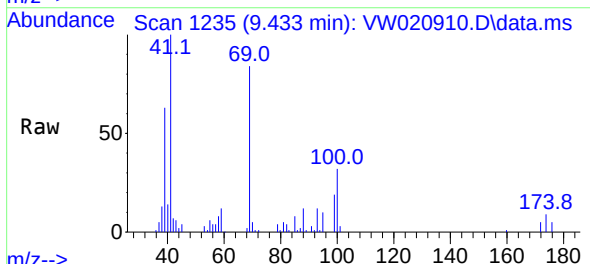
Manual Integrations
APPROVED

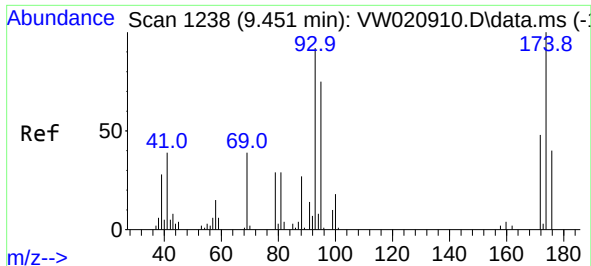
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 43.949 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion: 41 Resp: 21494
Ion Ratio Lower Upper
41 100
69 91.1 72.9 109.3
39 67.8 54.2 81.4





#49

1,4-Dioxane

Concen: 1120.282 ug/l

RT: 9.451 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 672

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

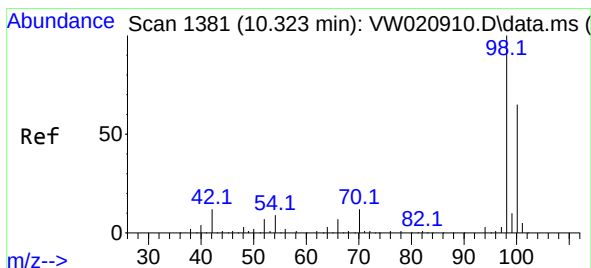
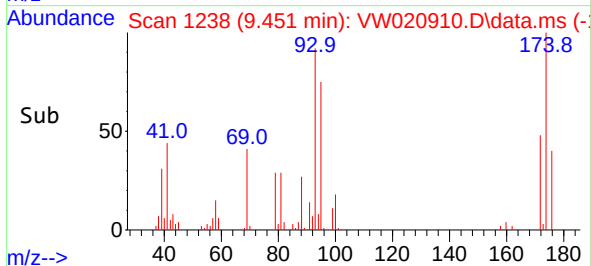
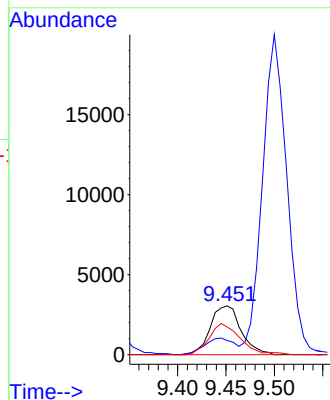
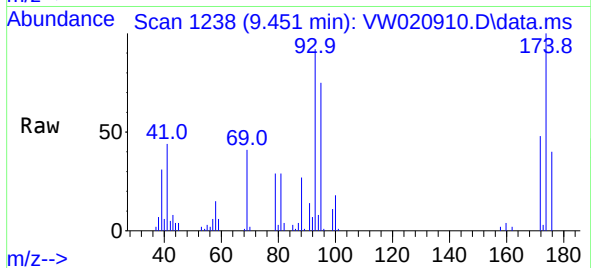
58 64.8 51.8 77.8

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 48.611 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020910.D

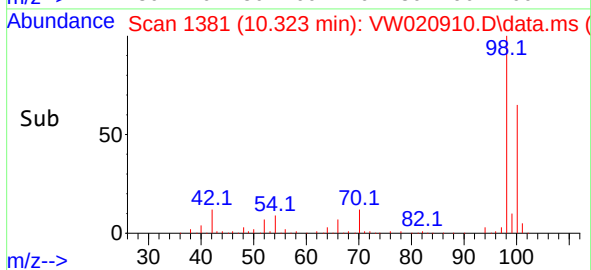
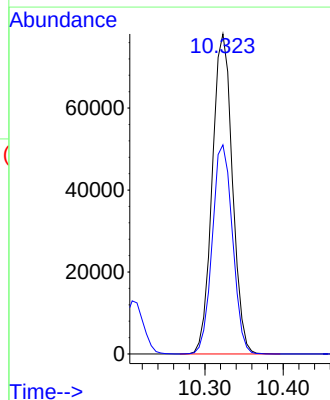
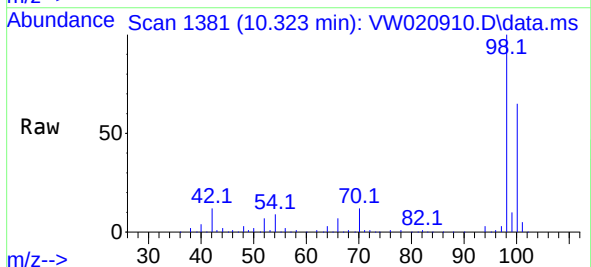
Acq: 17 Nov 2021 16:57

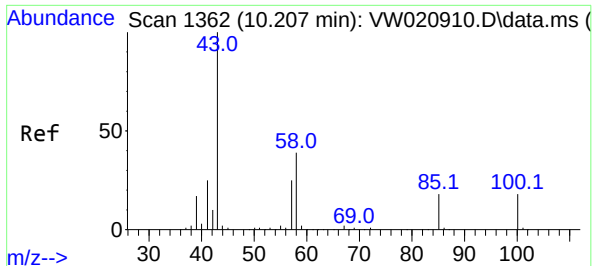
Tgt Ion: 98 Resp: 139337

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0





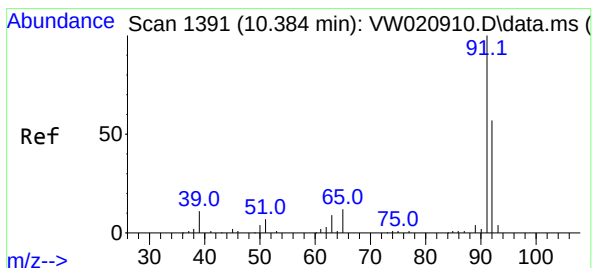
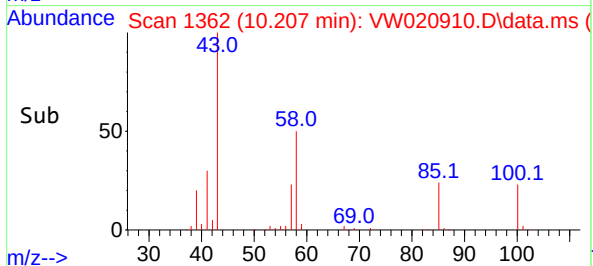
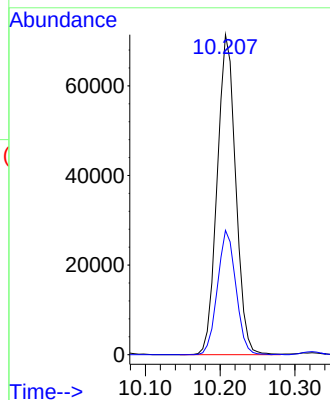
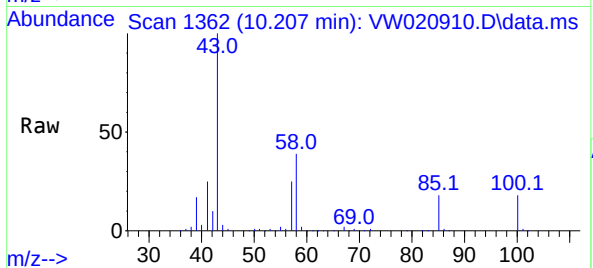
#51
4-Methyl-2-Pentanone
Concen: 223.938 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 123134
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3

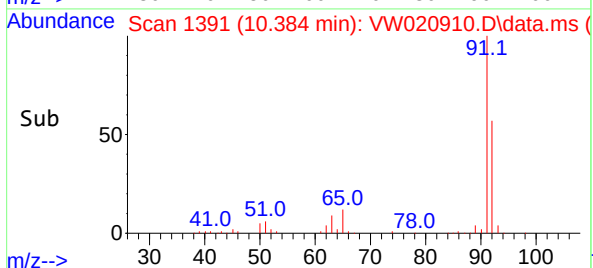
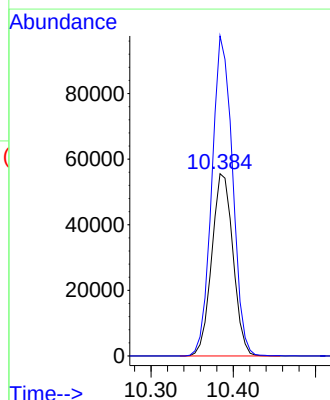
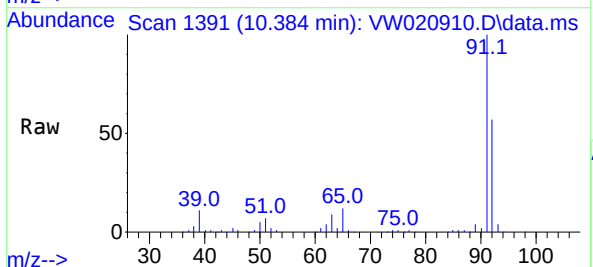
Manual Integrations
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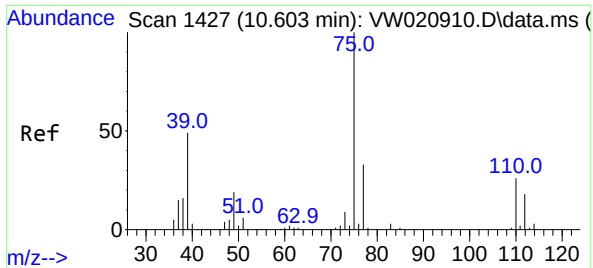
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 47.569 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion: 92 Resp: 99660
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7





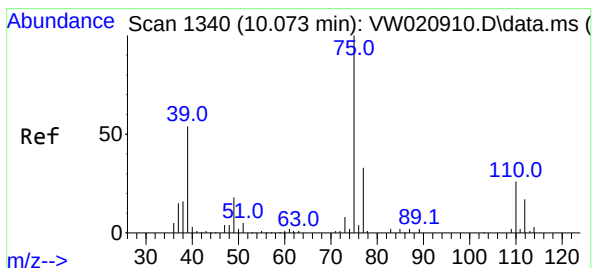
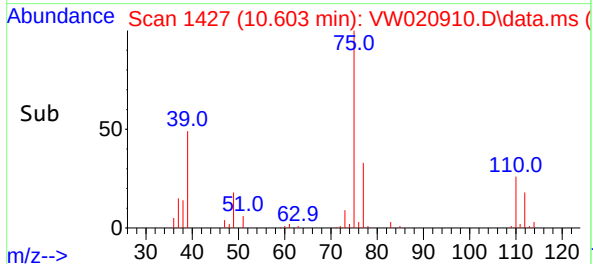
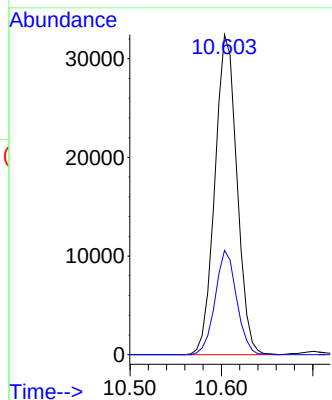
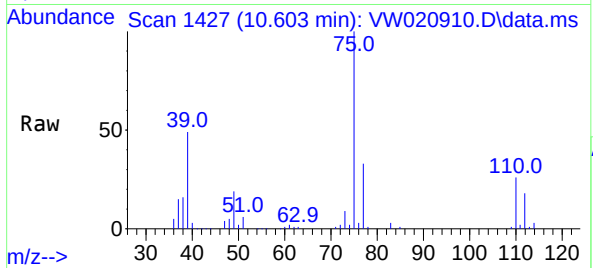
#53
 t-1,3-Dichloropropene
 Concen: 48.451 ug/l
 RT: 10.603 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW020910.D
 Acq: 17 Nov 2021 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 5444
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1

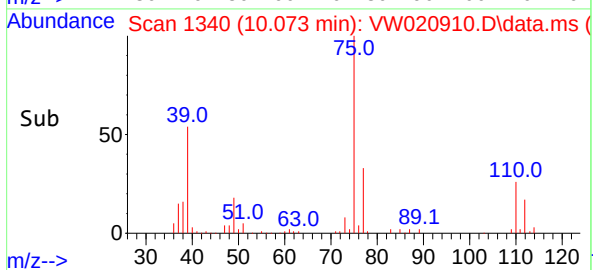
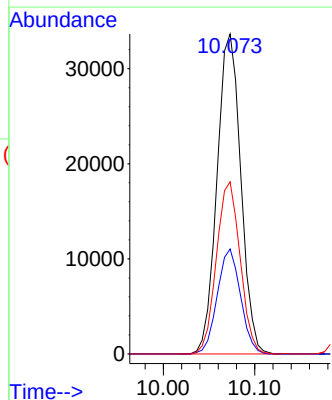
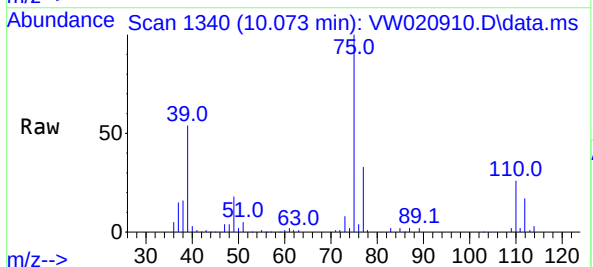
Manual Integrations
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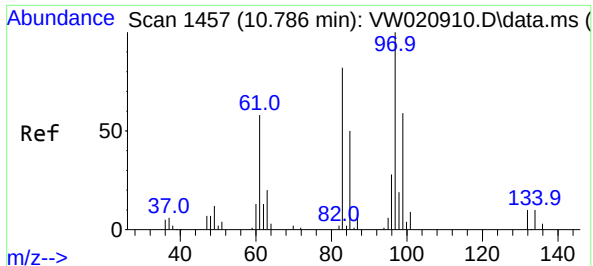
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#54
 cis-1,3-Dichloropropene
 Concen: 47.763 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW020910.D
 Acq: 17 Nov 2021 16:57

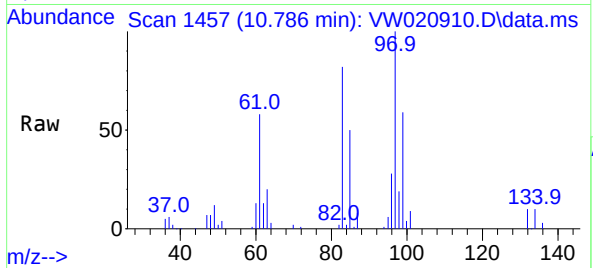
Tgt Ion: 75 Resp: 60858
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.4
 39 53.8 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 48.602 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

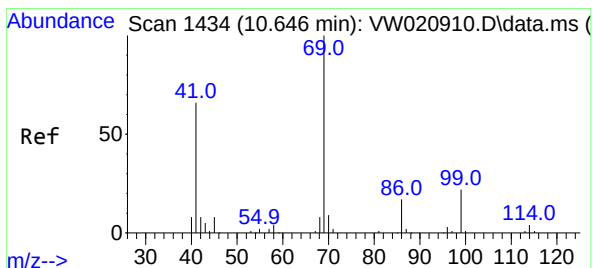
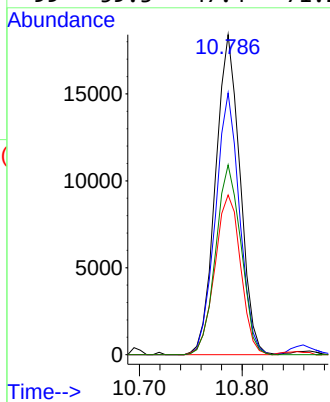
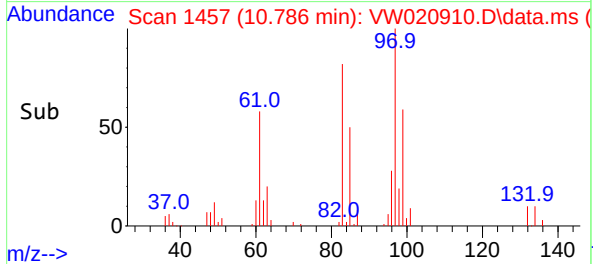
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



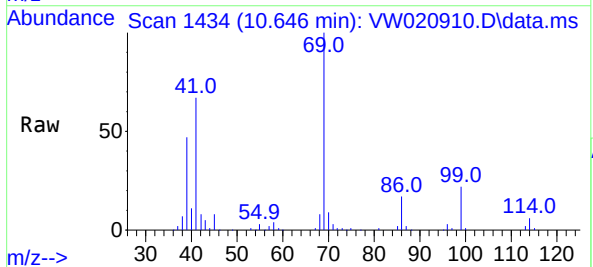
Tgt Ion: 97 Resp: 3044
Ion Ratio Lower Upper
97 100
83 81.8 65.4 98.2
85 49.9 39.9 59.9
99 59.3 47.4 71.2

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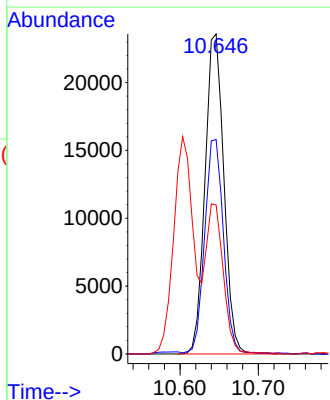
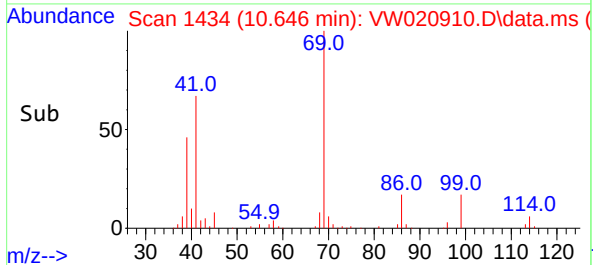
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

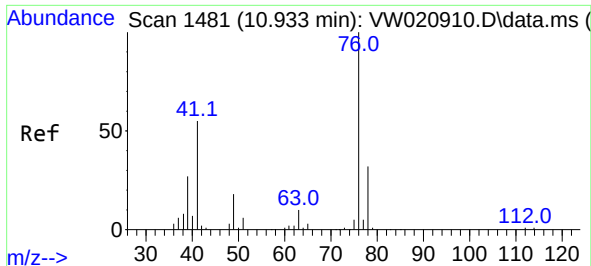


#56
Ethyl methacrylate
Concen: 49.661 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion: 69 Resp: 39357
Ion Ratio Lower Upper
69 100
41 66.1 52.9 79.3
39 42.1 33.7 50.5





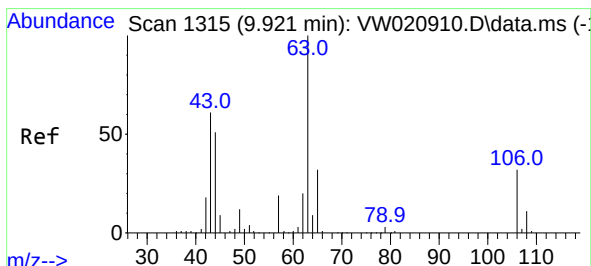
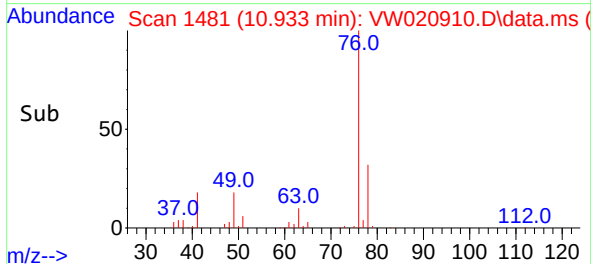
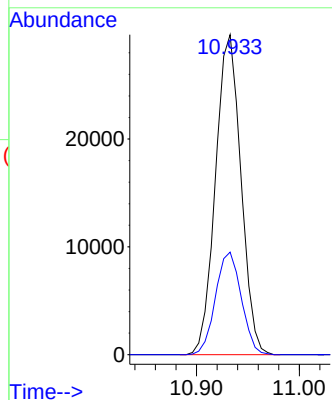
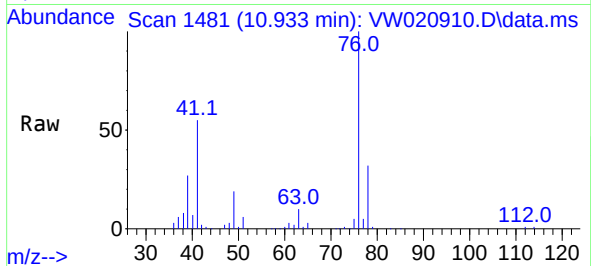
#57
1,3-Dichloropropane
Concen: 47.230 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 5096
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

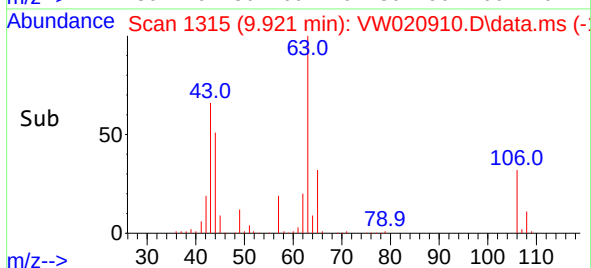
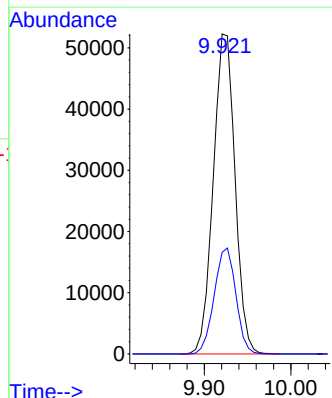
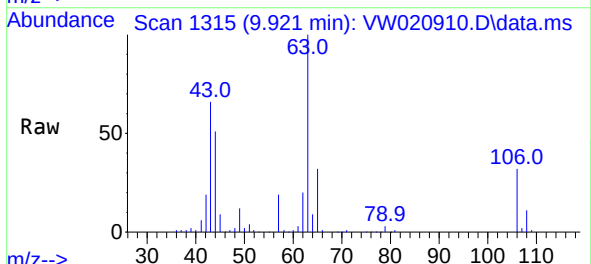
Manual Integrations
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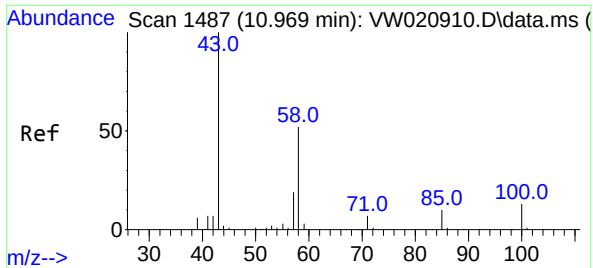
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 251.473 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion: 63 Resp: 91293
Ion Ratio Lower Upper
63 100
106 32.9 26.3 39.5





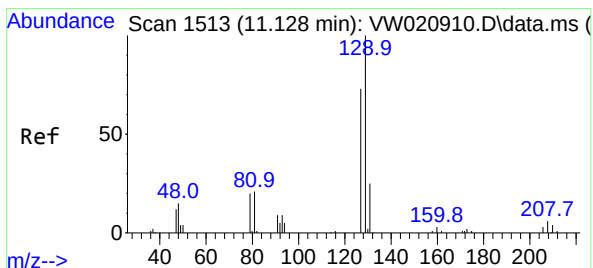
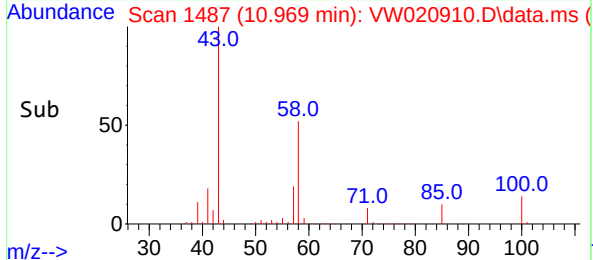
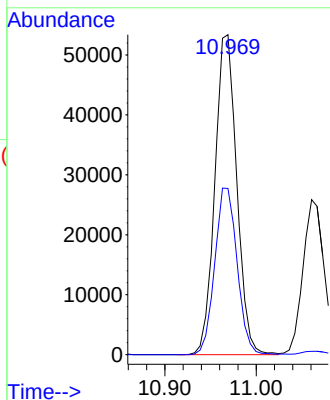
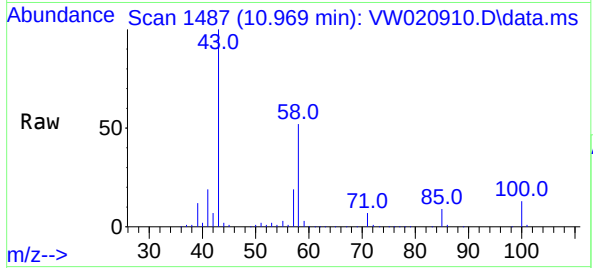
#59
2-Hexanone
Concen: 229.733 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 88929
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0

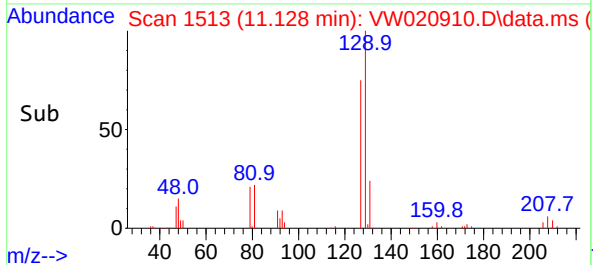
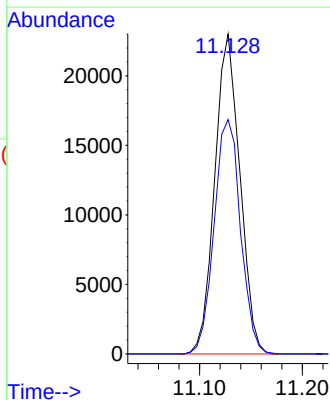
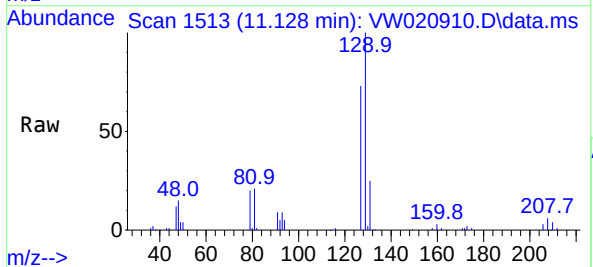
Manual Integrations
APPROVED

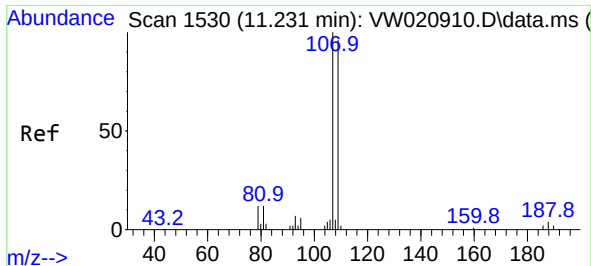
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 52.162 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

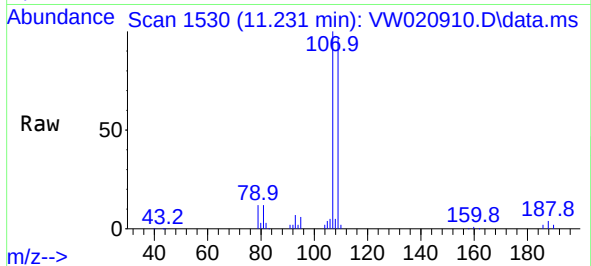
Tgt Ion:129 Resp: 39096
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61
1,2-Dibromoethane
Concen: 51.495 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

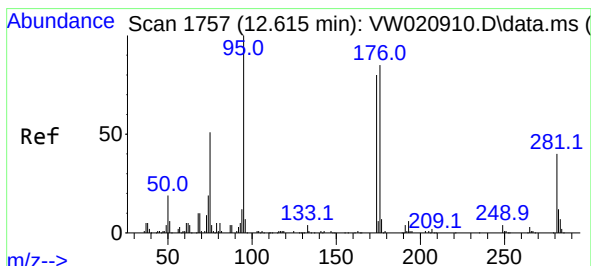
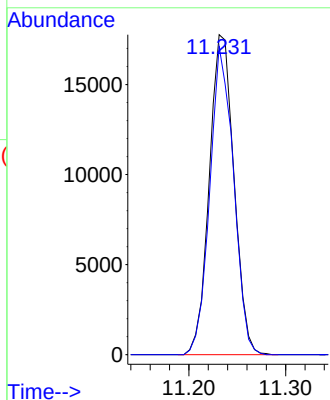
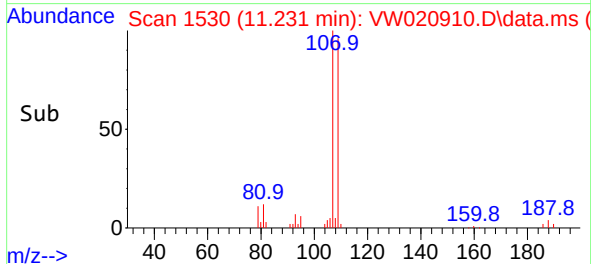
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



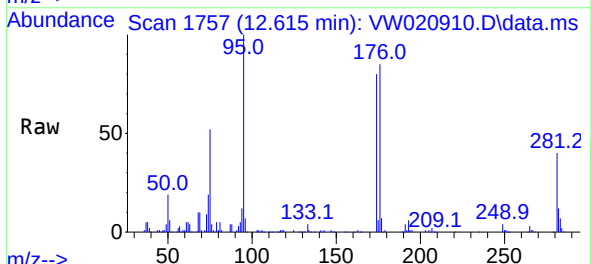
Tgt Ion:107 Resp: 3149
Ion Ratio Lower Upper
107 100
109 92.6 74.1 111.1

Manual Integrations
APPROVED

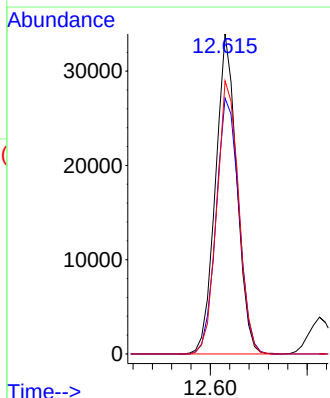
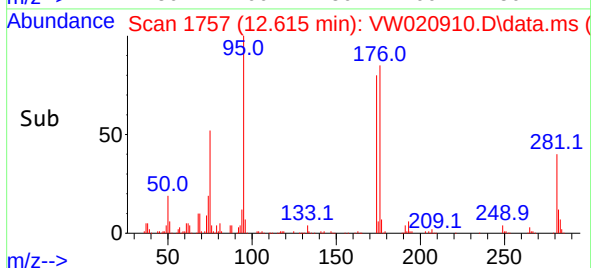
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

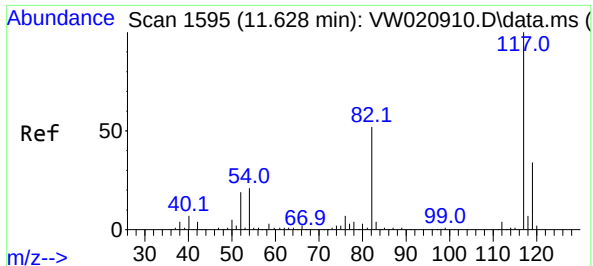


#62
4-Bromofluorobenzene
Concen: 49.268 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



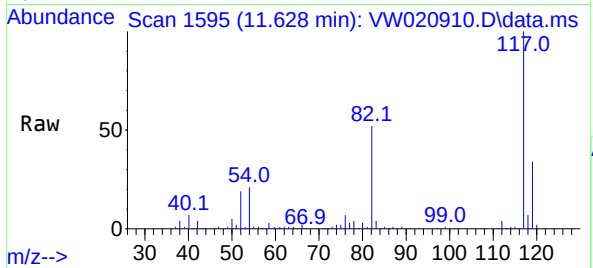
Tgt Ion: 95 Resp: 51696
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.2
176 87.7 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

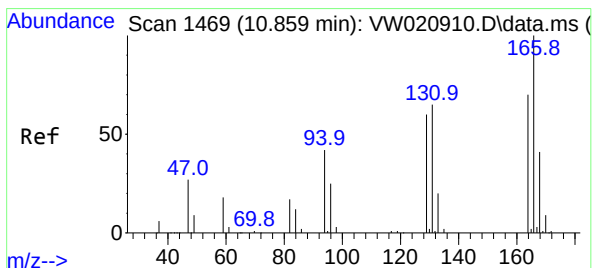
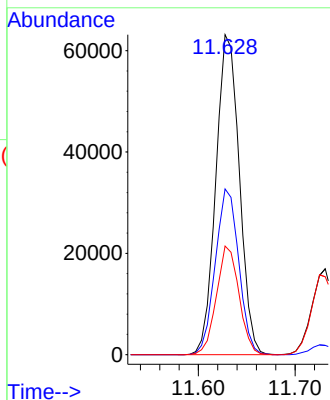
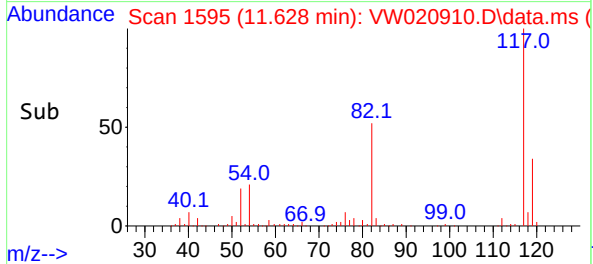
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



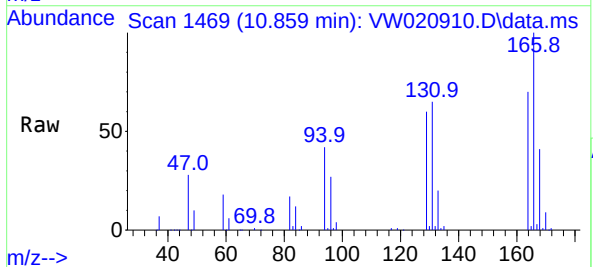
Tgt Ion:117 Resp: 10652
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 34.0 27.2 40.8

Manual Integrations
APPROVED

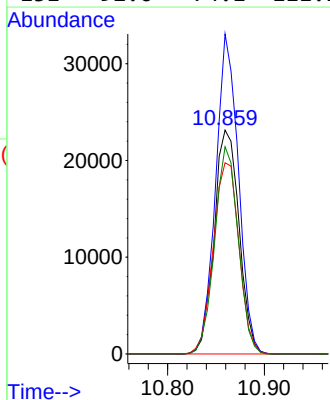
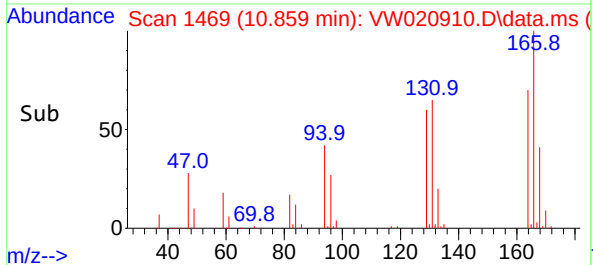
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

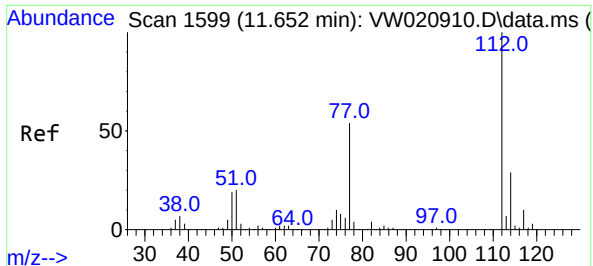


#64
Tetrachloroethene
Concen: 49.715 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion:164 Resp: 41409
Ion Ratio Lower Upper
164 100
166 143.0 114.4 171.6
129 85.4 68.3 102.5
131 92.6 74.1 111.1





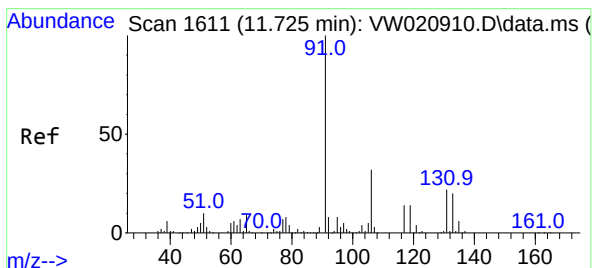
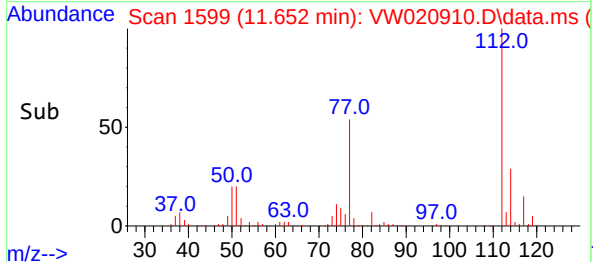
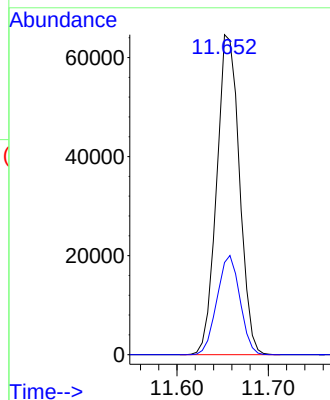
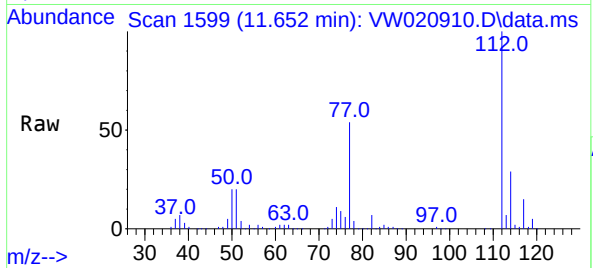
#65
Chlorobenzene
Concen: 48.732 ug/l
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 11188
Ion Ratio Lower Upper
112 100
114 28.8 23.0 34.6

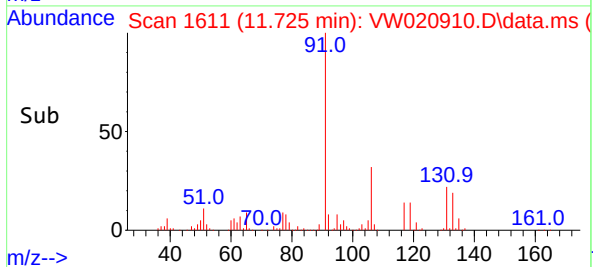
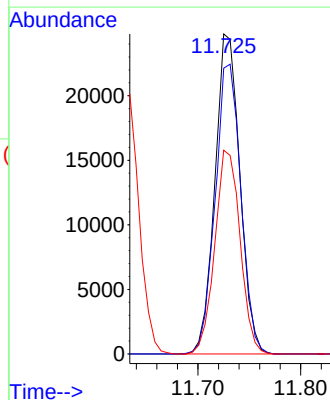
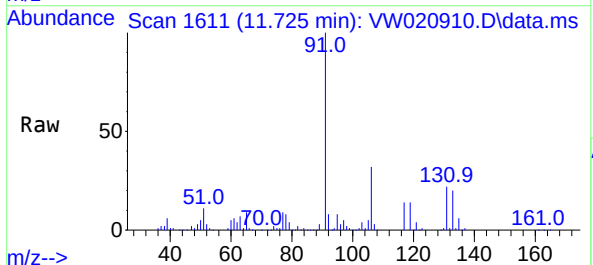
Manual Integrations
APPROVED

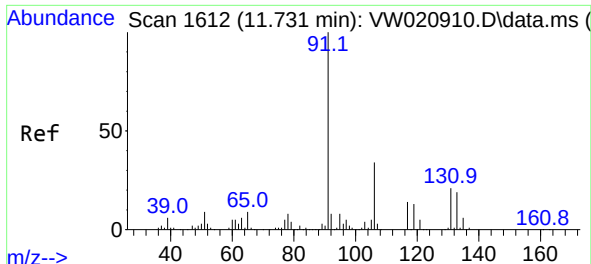
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.089 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion:131 Resp: 41786
Ion Ratio Lower Upper
131 100
133 93.1 46.6 139.7
119 64.4 32.2 96.6





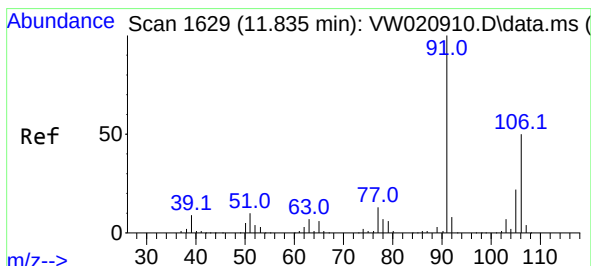
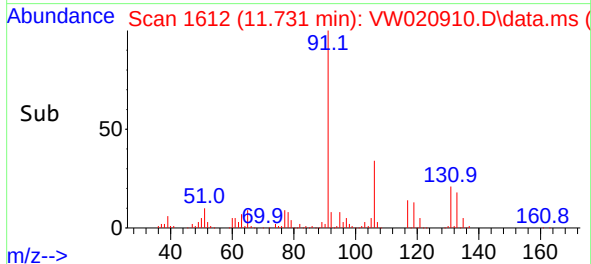
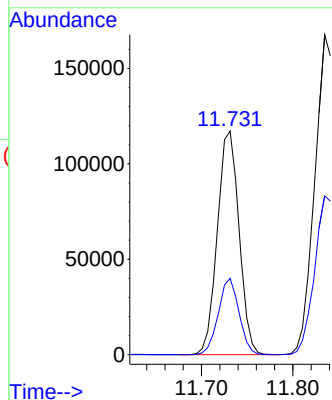
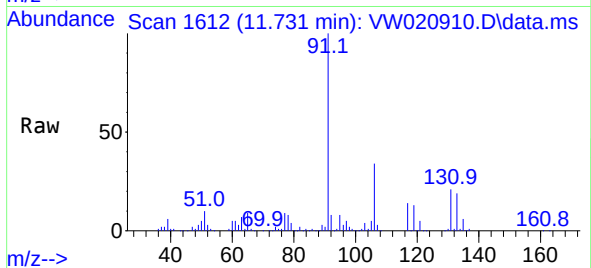
#67
Ethyl Benzene
Concen: 47.137 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 193382
Ion Ratio Lower Upper
91 100
106 34.1 27.3 40.9

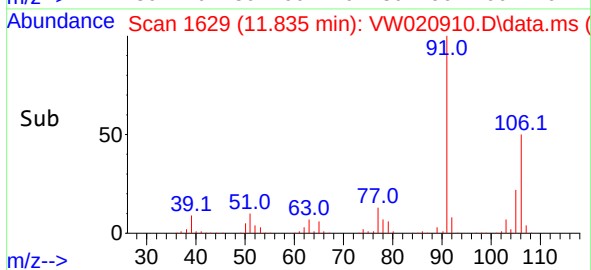
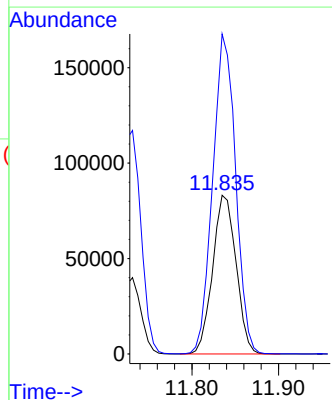
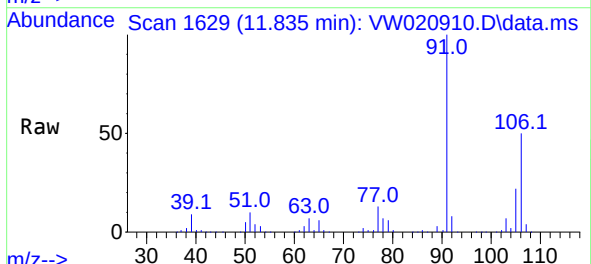
Manual Integrations
APPROVED

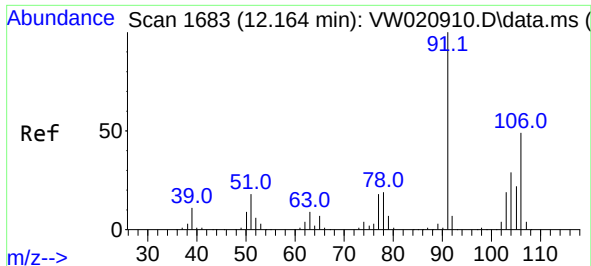
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 97.747 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion:106 Resp: 156265
Ion Ratio Lower Upper
106 100
91 197.3 157.8 236.8





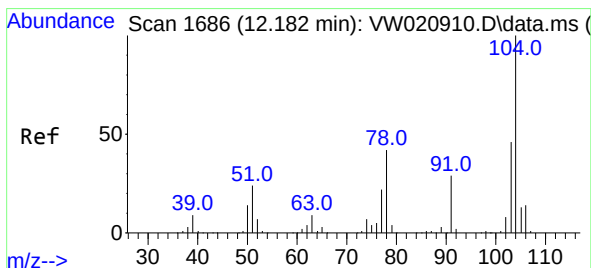
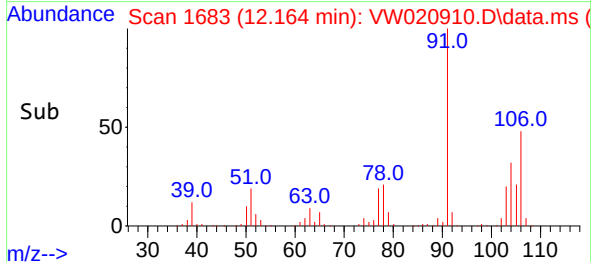
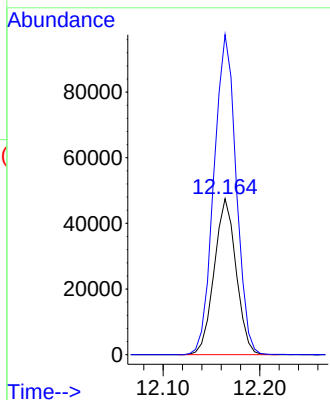
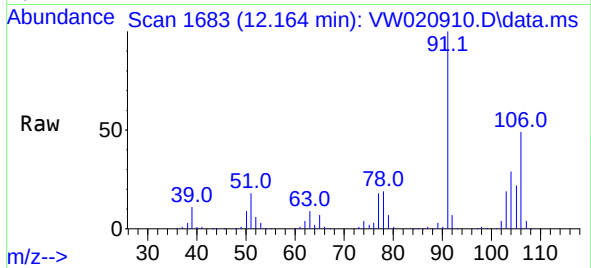
#69
o-Xylene
Concen: 50.374 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 7469
Ion Ratio Lower Upper
106 100
91 208.6 104.3 312.9

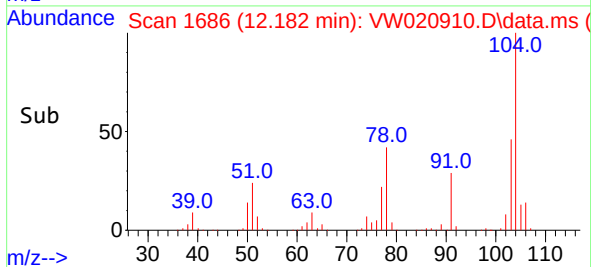
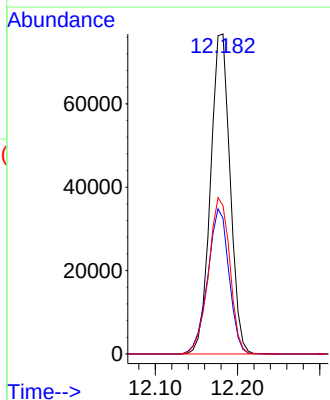
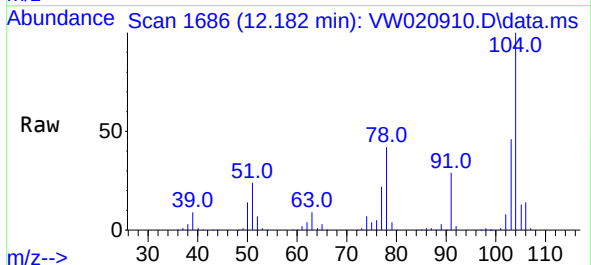
Manual Integrations
APPROVED

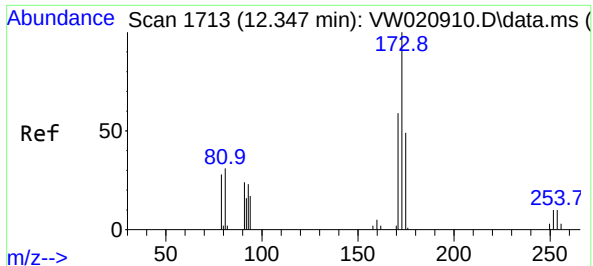
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 50.351 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

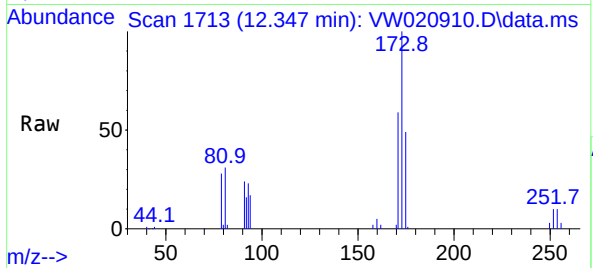
Tgt Ion:104 Resp: 127152
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 53.2 42.6 63.8





#71
Bromoform
Concen: 50.010 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

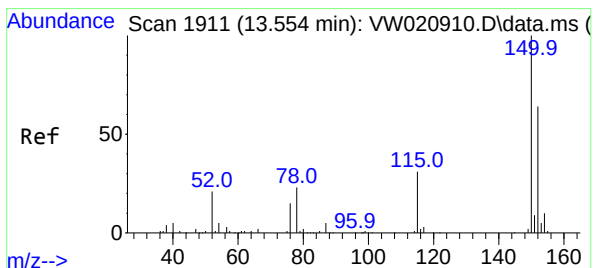
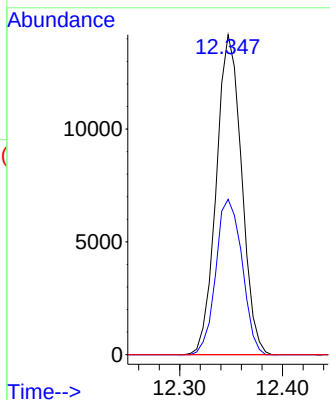
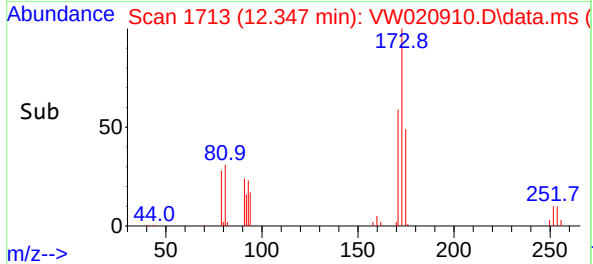
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



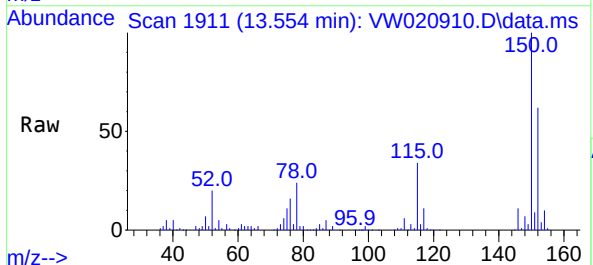
Tgt Ion:173 Resp: 24238
Ion Ratio Lower Upper
173 100
175 50.2 25.1 75.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

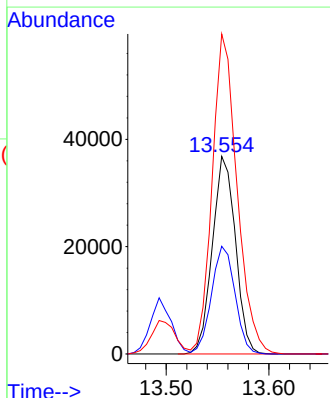
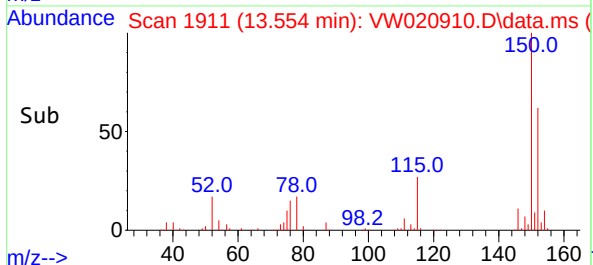
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

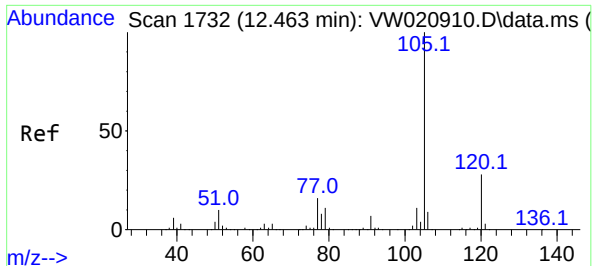


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion:152 Resp: 57528
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 174.2 0.0 348.4





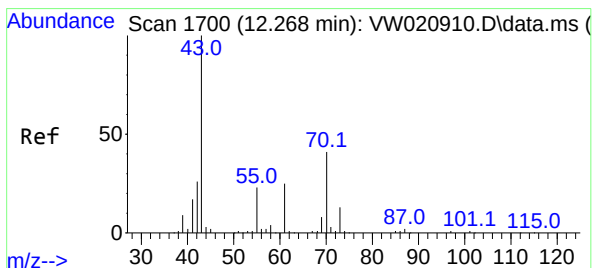
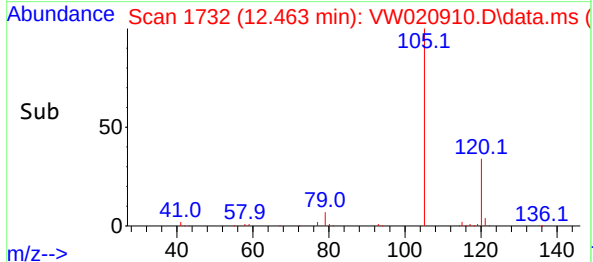
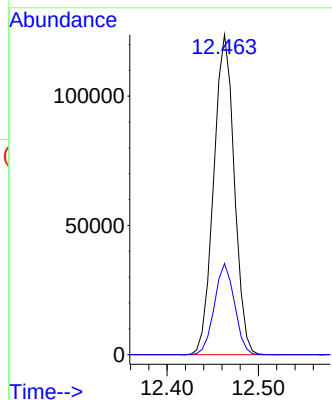
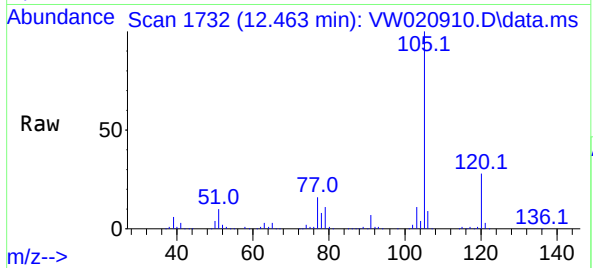
#73
Isopropylbenzene
Concen: 47.377 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 193678
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7

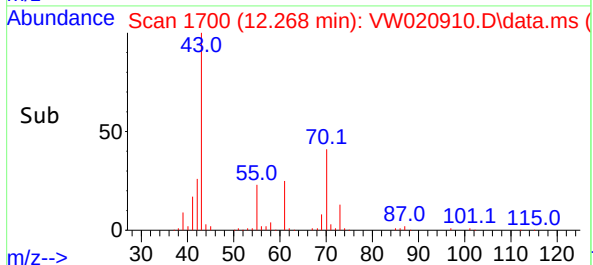
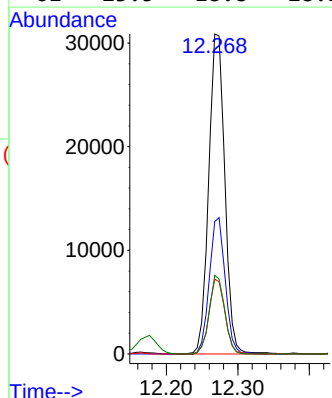
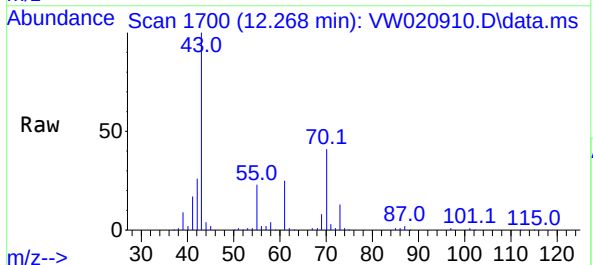
Manual Integrations
APPROVED

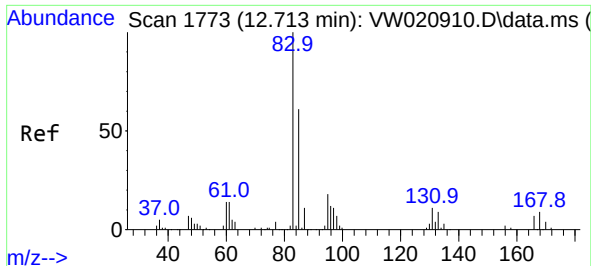
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 49.262 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

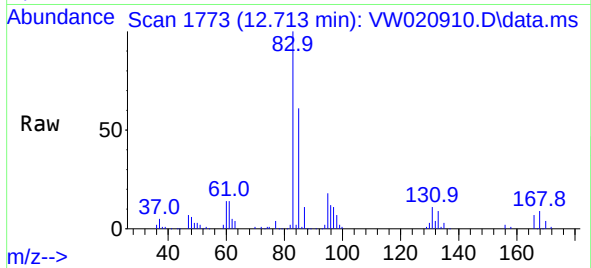
Tgt Ion: 43 Resp: 48239
Ion Ratio Lower Upper
43 100
70 42.1 33.7 50.5
55 23.1 18.5 27.7
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.677 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

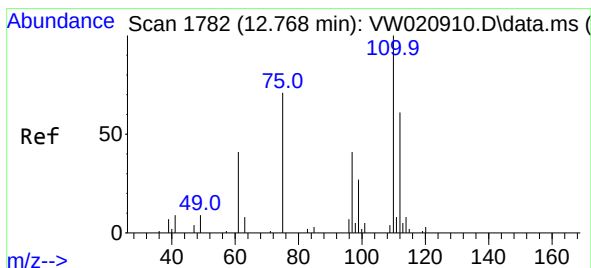
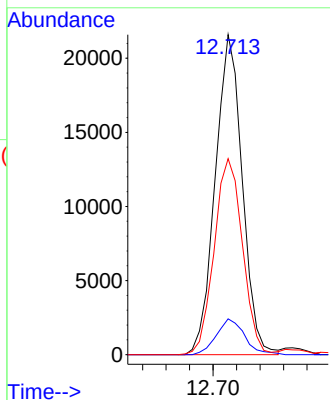
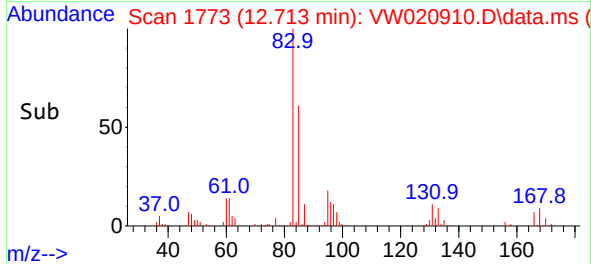
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 34554
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 64.0 32.0 96.0

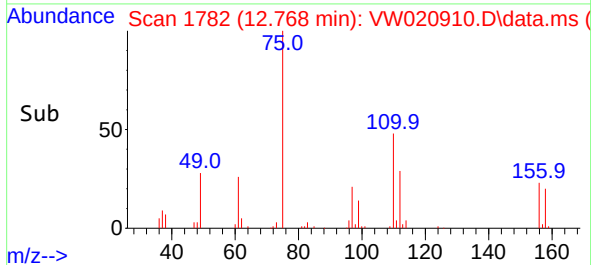
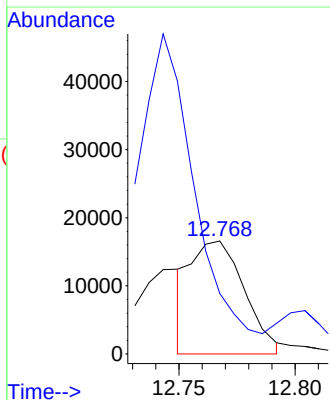
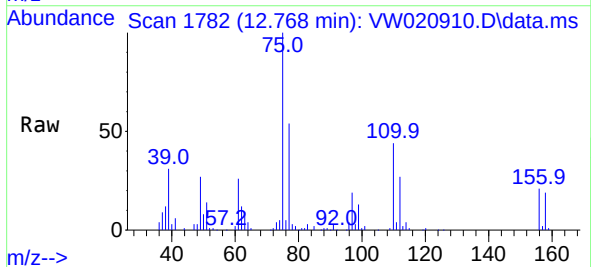
Manual Integrations
APPROVED

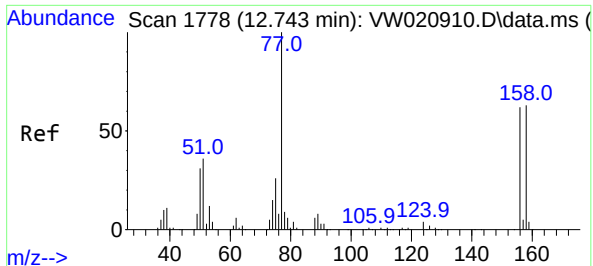
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 43.217 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion: 75 Resp: 26566
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





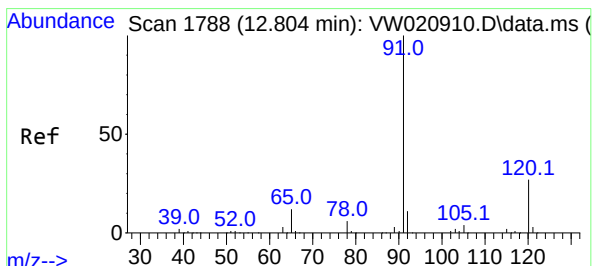
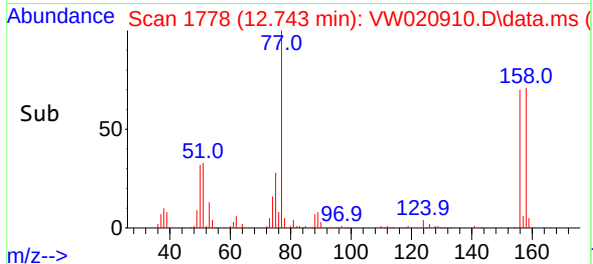
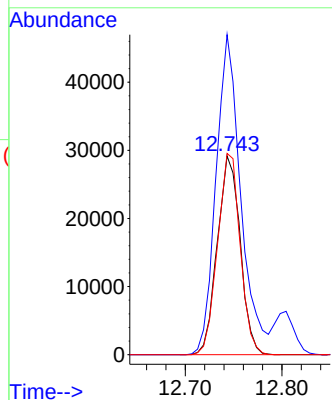
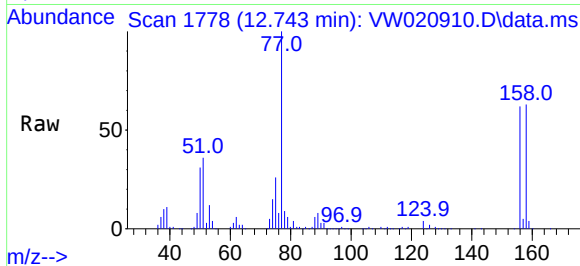
#77
Bromobenzene
Concen: 48.728 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 4794
Ion Ratio Lower Upper
156 100
77 174.0 87.0 261.0
158 99.6 49.8 149.4

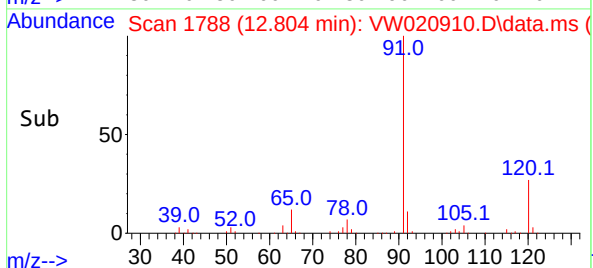
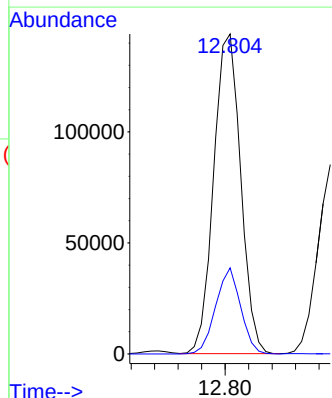
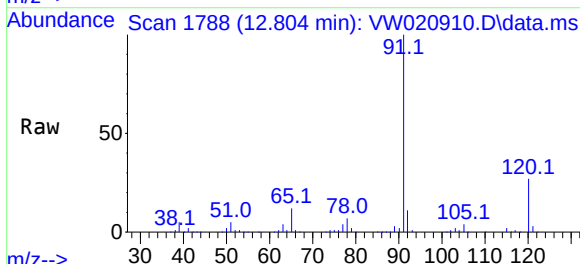
Manual Integrations
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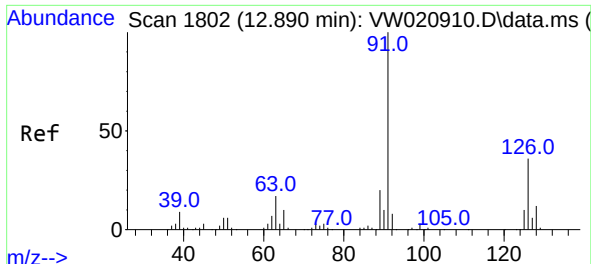
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 45.969 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion: 91 Resp: 229398
Ion Ratio Lower Upper
91 100
120 24.9 12.4 37.4





#79

2-Chlorotoluene

Concen: 46.534 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 13423

Ion Ratio Lower Upper

91 100

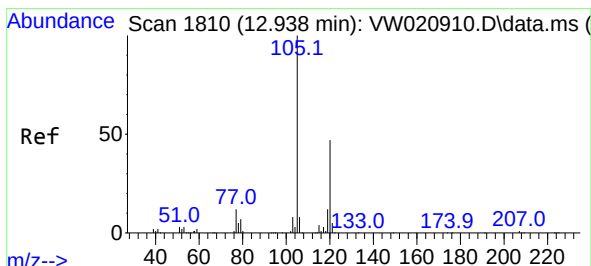
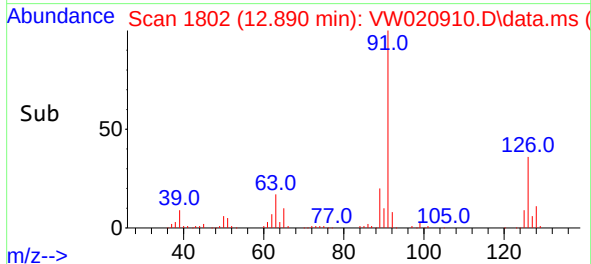
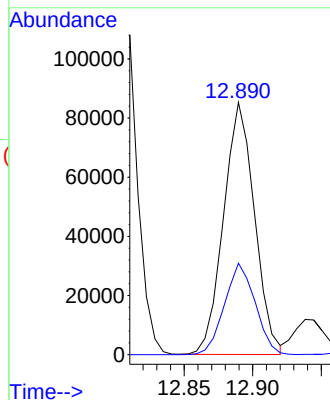
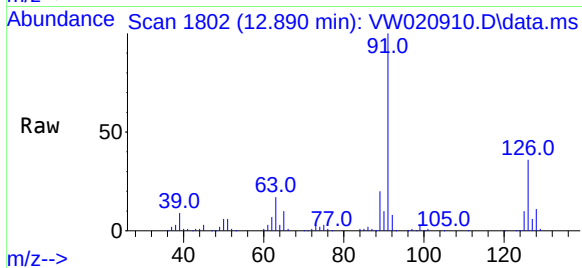
126 36.0 18.0 54.0

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#80

1,3,5-Trimethylbenzene

Concen: 48.350 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW020910.D

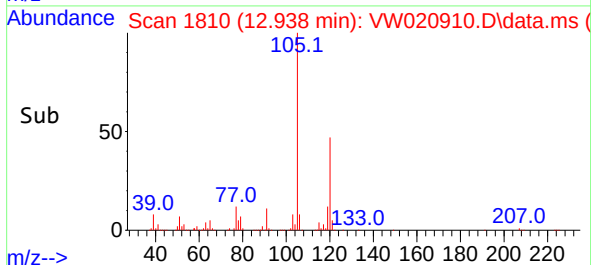
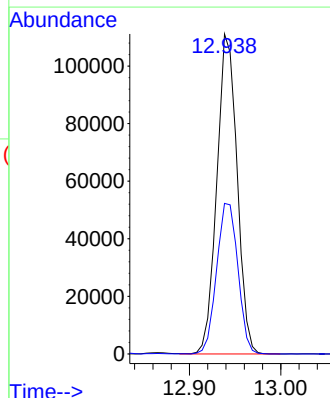
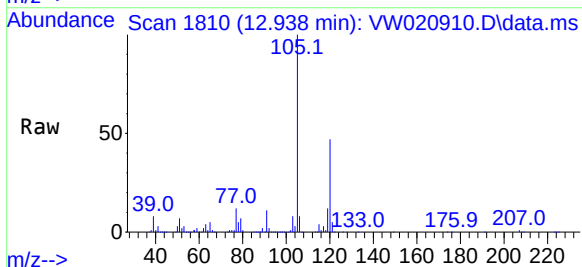
Acq: 17 Nov 2021 16:57

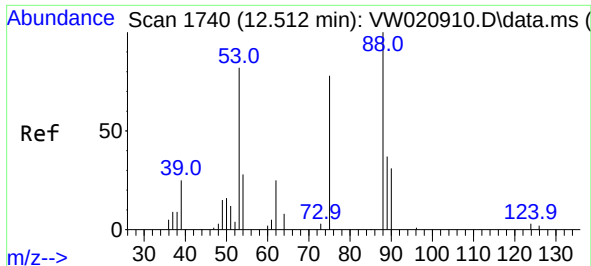
Tgt Ion:105 Resp: 171319

Ion Ratio Lower Upper

105 100

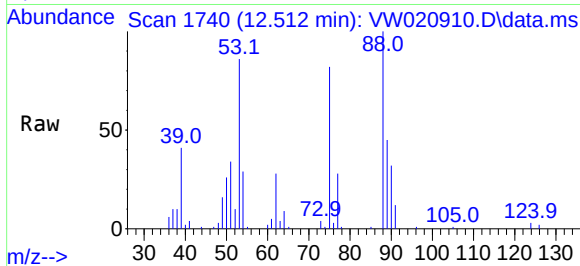
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.125 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

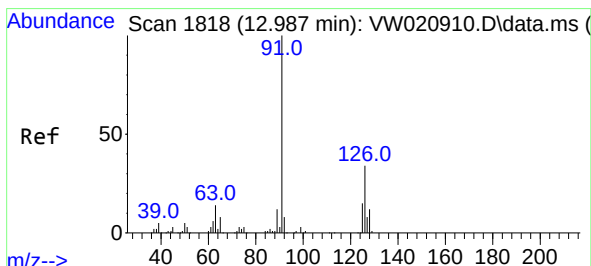
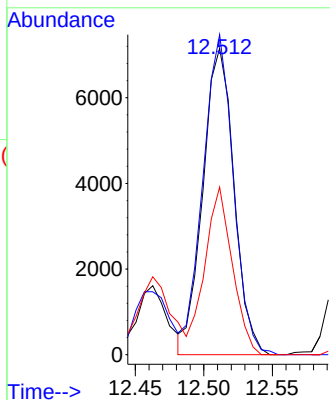
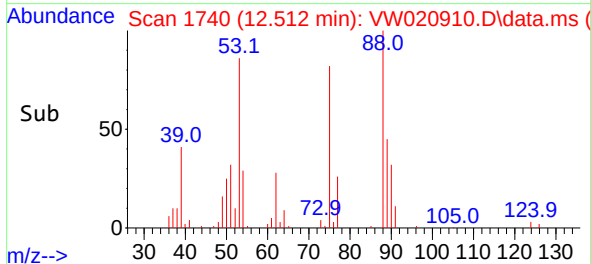
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



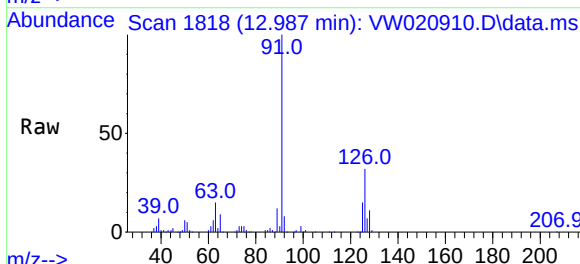
Tgt Ion: 75 Resp: 1129
Ion Ratio Lower Upper
75 100
53 102.3 81.8 122.8
89 48.2 38.6 57.8

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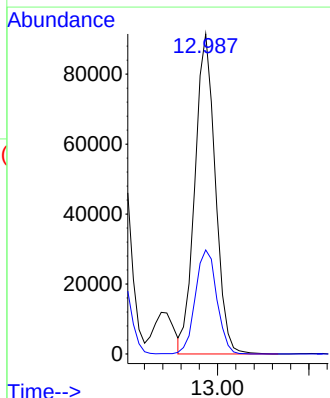
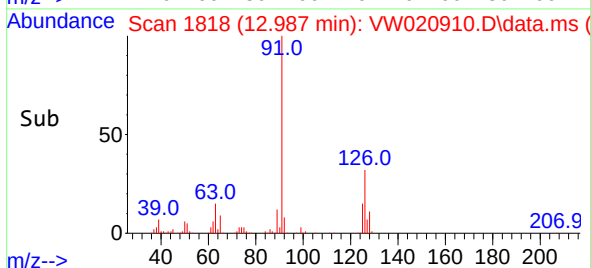
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

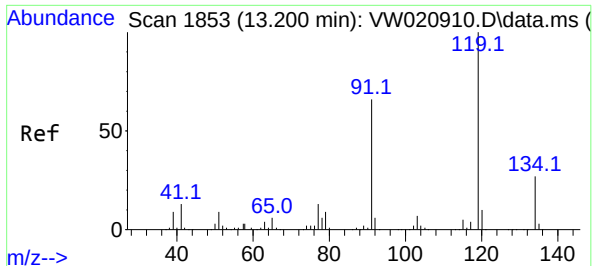


#82
4-Chlorotoluene
Concen: 46.583 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion: 91 Resp: 141564
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





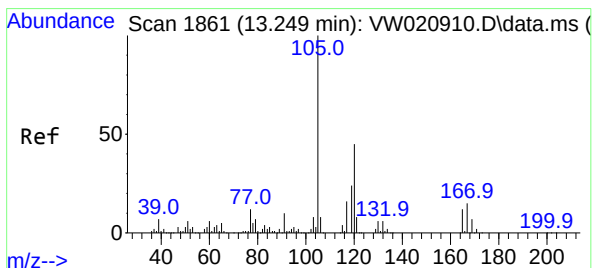
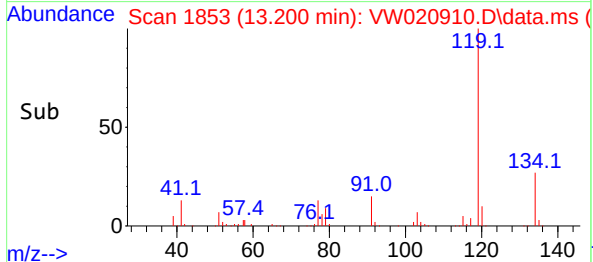
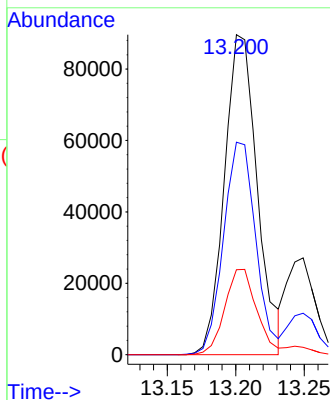
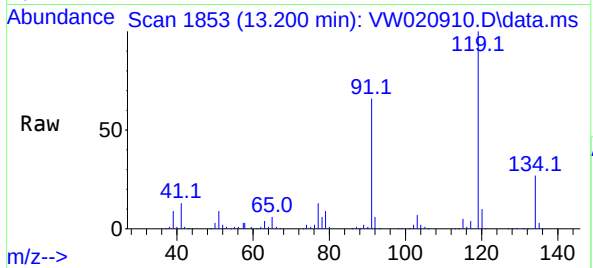
#83
tert-Butylbenzene
Concen: 48.940 ug/l
RT: 13.200 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 149790
Ion Ratio Lower Upper
119 100
91 65.2 32.6 97.8
134 26.3 13.2 39.5

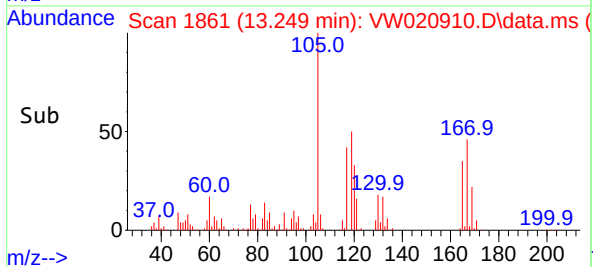
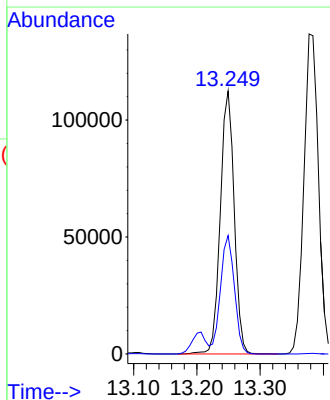
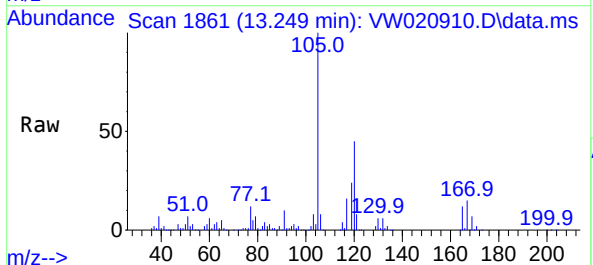
Manual Integrations
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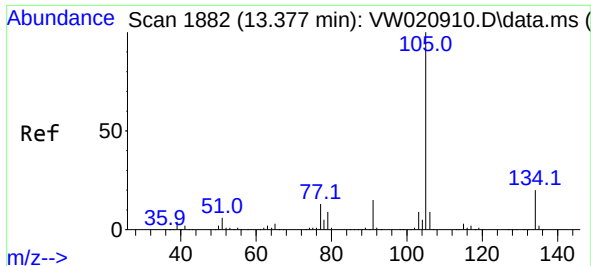
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 48.539 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

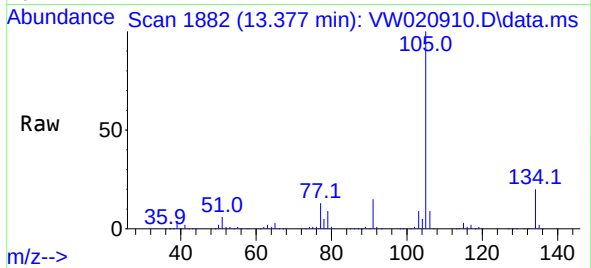
Tgt Ion:105 Resp: 170554
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 47.596 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: VW020910.D
 Acq: 17 Nov 2021 16:57

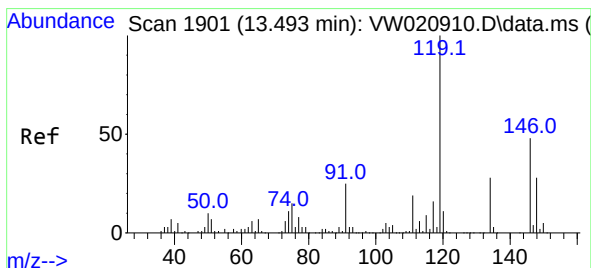
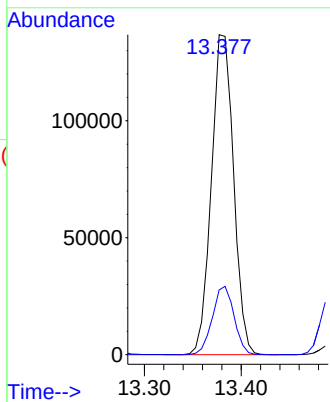
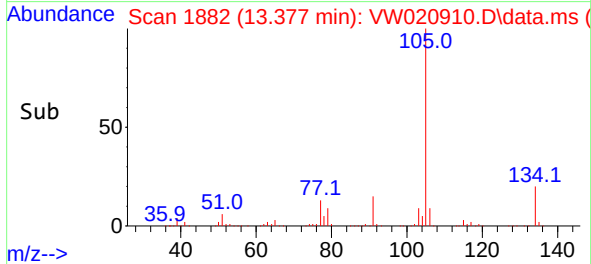
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



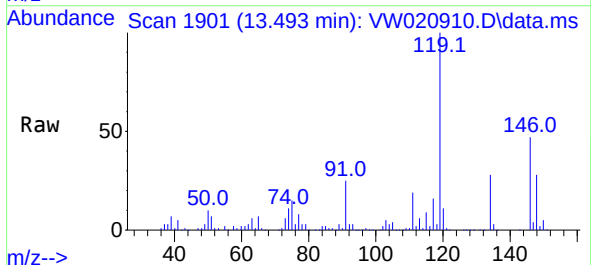
Tgt Ion:105 Resp: 217890
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4

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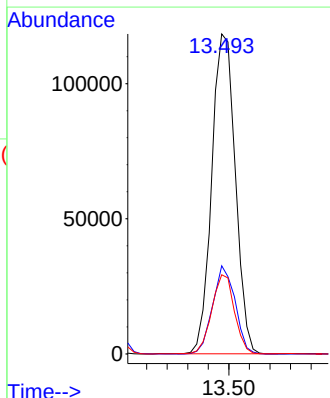
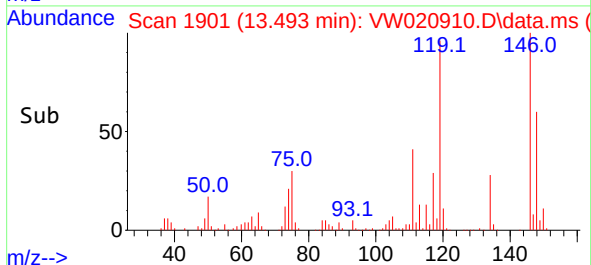
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



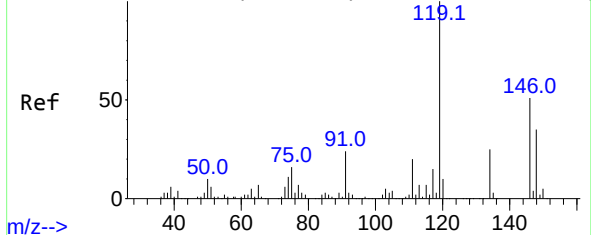
#86
 p-Isopropyltoluene
 Concen: 48.245 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020910.D
 Acq: 17 Nov 2021 16:57



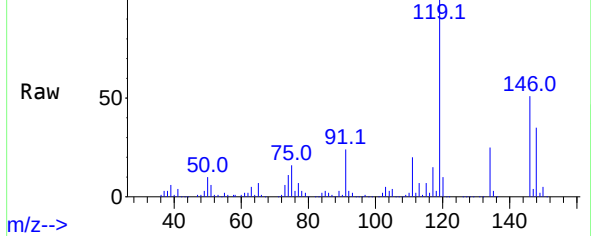
Tgt Ion:119 Resp: 188528
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.9 11.9 35.9



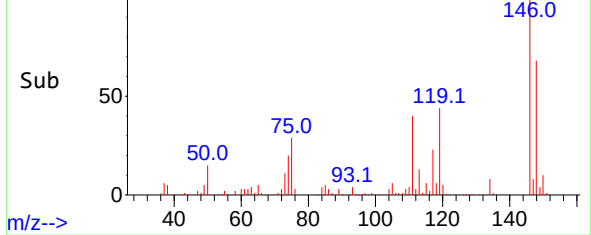
Abundance Scan 1902 (13.499 min): VW020910.D\data.ms (



m/z--> Abundance Scan 1902 (13.499 min): VW020910.D\data.ms



m/z--> Abundance Scan 1902 (13.499 min): VW020910.D\data.ms (



m/z-->

#87

1,3-Dichlorobenzene

Concen: 47.713 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Tgt Ion:146 Resp: 96660

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 63.4 31.7 95.1

Instrument :

MSVOA_W

ClientSampleId :

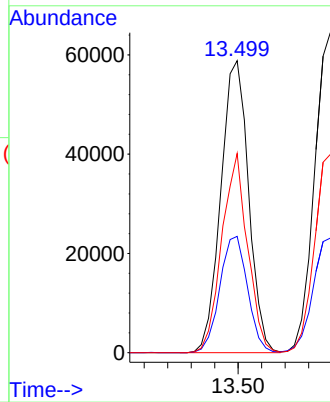
VSTDICCC050

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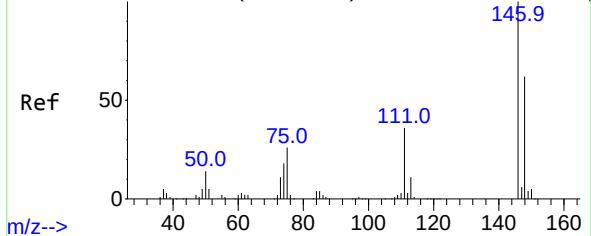
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

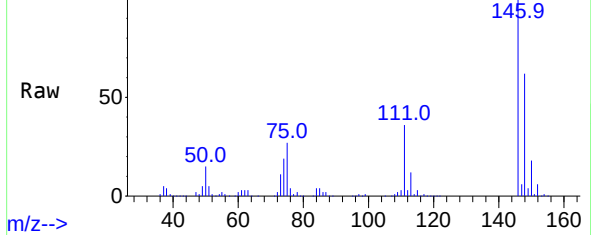
Supervised By :Mahesh Dadoda 11/18/2021



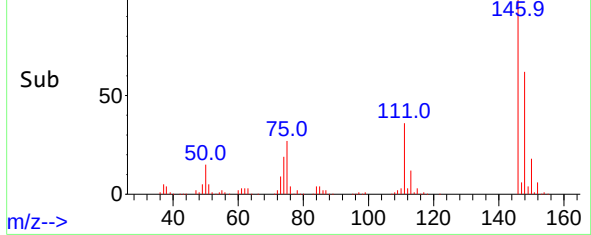
Abundance Scan 1915 (13.578 min): VW020910.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW020910.D\data.ms



m/z--> Abundance Scan 1915 (13.578 min): VW020910.D\data.ms (



m/z-->

#88

1,4-Dichlorobenzene

Concen: 49.077 ug/l

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

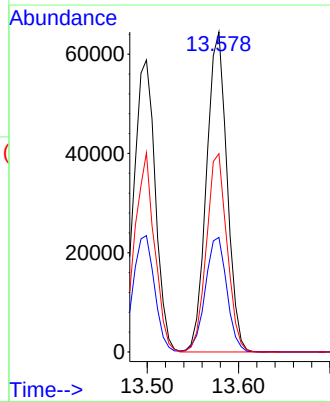
Tgt Ion:146 Resp: 100429

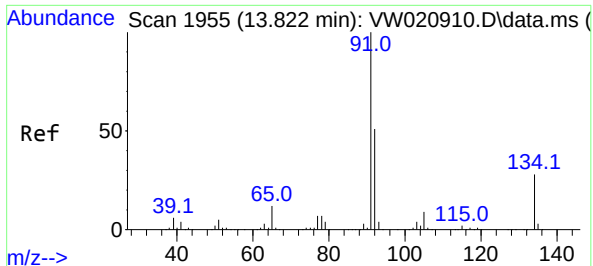
Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

148 62.1 31.1 93.2





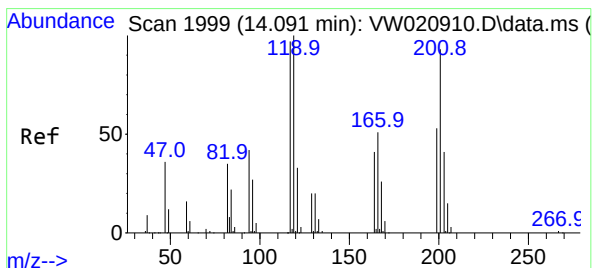
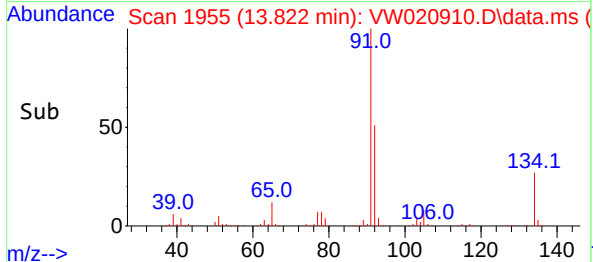
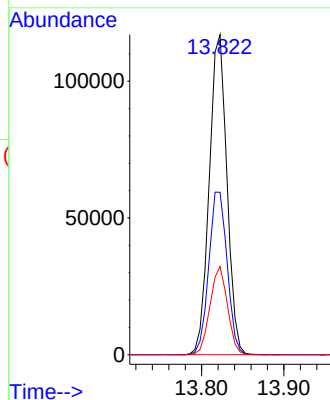
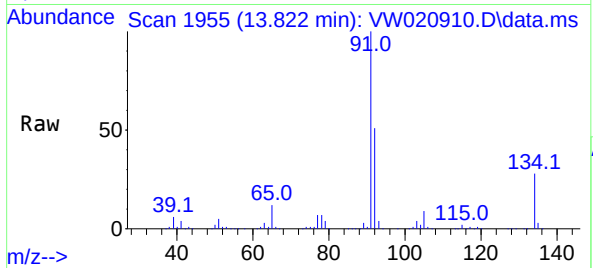
#89
n-Butylbenzene
Concen: 48.192 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 17454
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 27.2 13.6 40.8

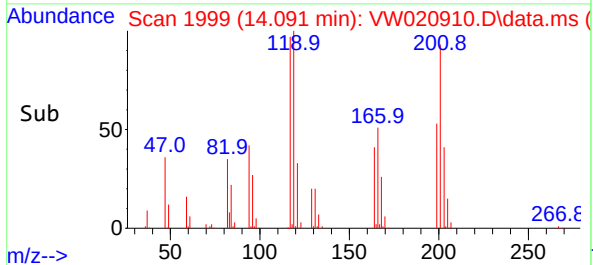
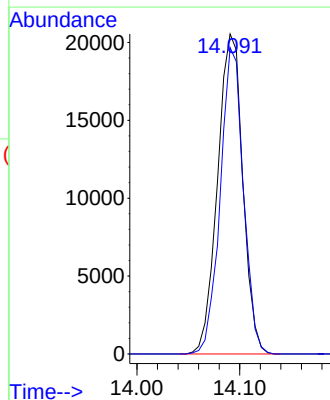
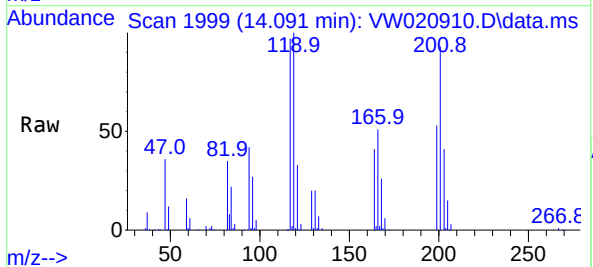
Manual Integrations
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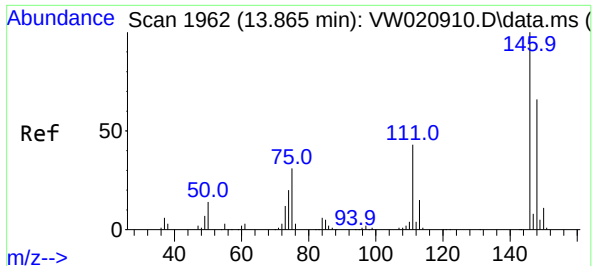
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 50.381 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion:117 Resp: 34964
Ion Ratio Lower Upper
117 100
201 87.6 43.8 131.4





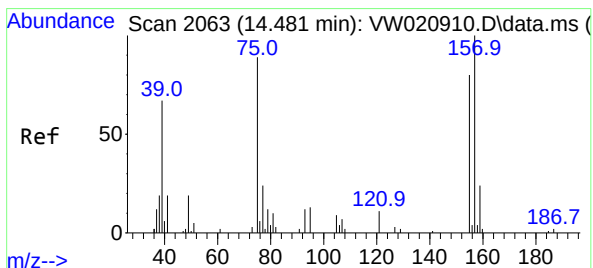
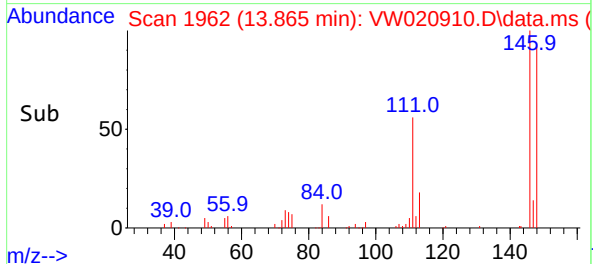
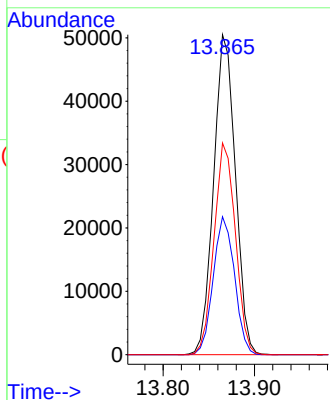
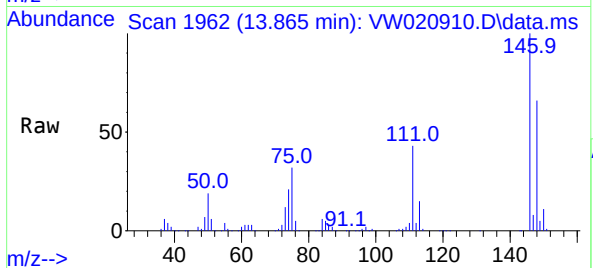
#91
1,2-Dichlorobenzene
Concen: 46.421 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 8361
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 65.2 32.6 97.8

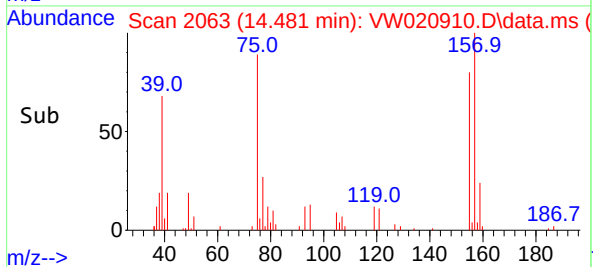
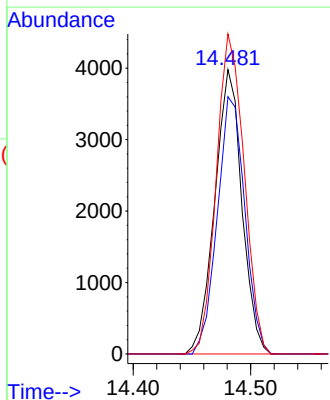
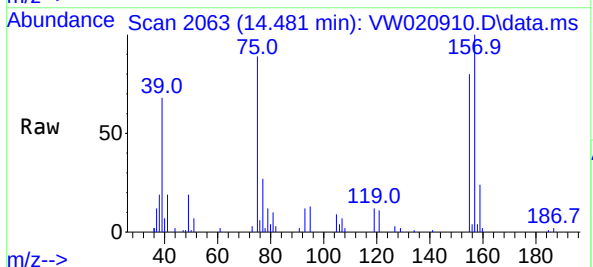
Manual Integrations
APPROVED

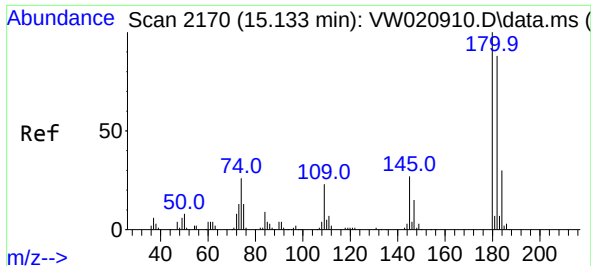
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.942 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

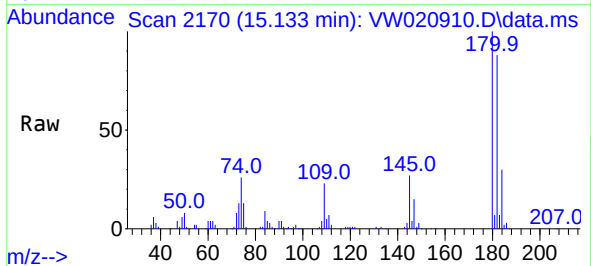
Tgt Ion: 75 Resp: 6384
Ion Ratio Lower Upper
75 100
155 91.7 45.9 137.6
157 115.6 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 51.315 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

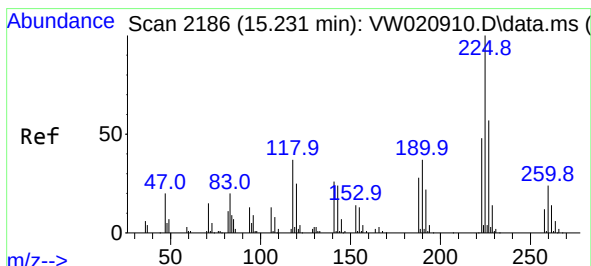
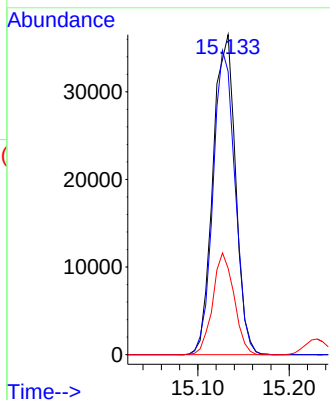
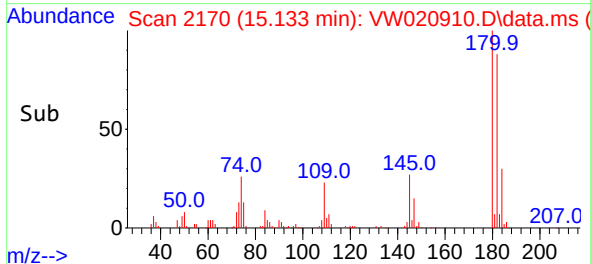
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



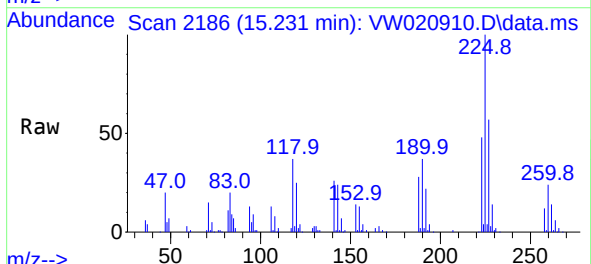
Tgt Ion:180 Resp: 62510
Ion Ratio Lower Upper
180 100
182 92.9 46.5 139.3
145 30.1 15.0 45.1

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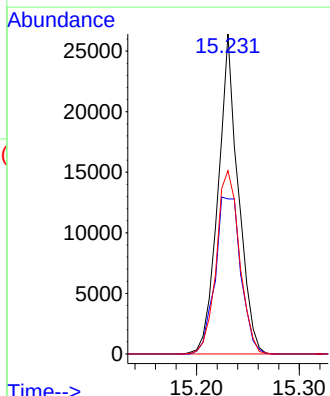
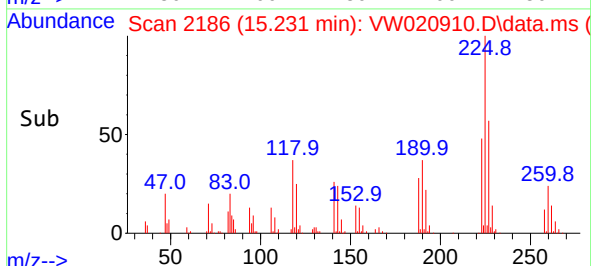
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

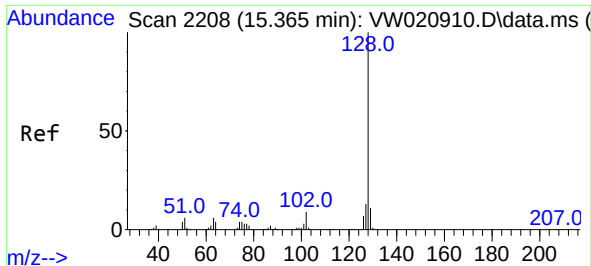


#94
Hexachlorobutadiene
Concen: 46.652 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57



Tgt Ion:225 Resp: 36013
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.3
227 65.5 32.8 98.3





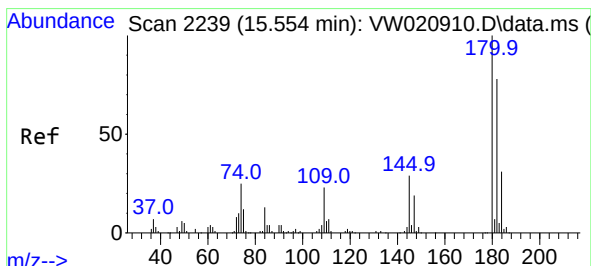
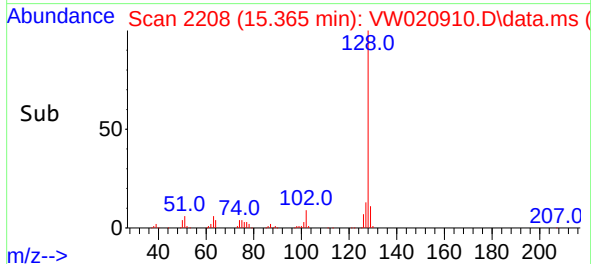
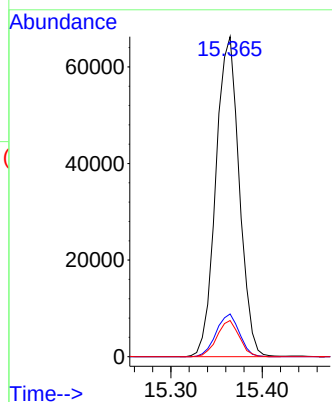
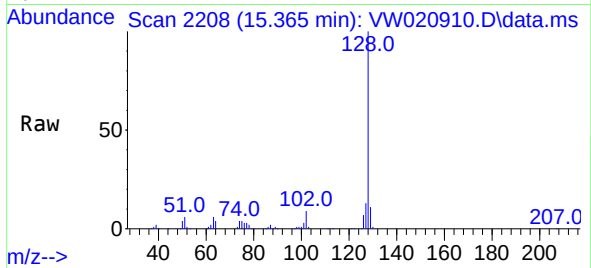
#95
Naphthalene
Concen: 54.759 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 11798
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.492 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020910.D
Acq: 17 Nov 2021 16:57

Tgt Ion:180 Resp: 56565
Ion Ratio Lower Upper
180 100
182 92.4 46.2 138.6
145 29.7 14.9 44.5

