

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020908.D
 Acq On : 17 Nov 2021 16:09
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 04:22:53 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	7.951	168	88012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	125836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	112549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	59084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	7752	8.033	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	16.060%#	
35) Dibromofluoromethane	7.884	113	7839	9.436	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	18.880%#	
50) Toluene-d8	10.323	98	27865	8.830	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	17.660%#	
62) 4-Bromofluorobenzene	12.615	95	10447	9.043	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	18.080%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	904	3.993	ug/l	93
3) Chloromethane	2.208	50	4264	7.435	ug/l	100
4) Vinyl Chloride	2.355	62	7992	10.201	ug/l	97
5) Bromomethane	2.763	94	5142	10.719	ug/l	99
6) Chloroethane	2.909	64	3032	8.831	ug/l	91
7) Trichlorofluoromethane	3.245	101	3452	6.729	ug/l	97
8) Diethyl Ether	3.678	74	3845	9.156	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	7319	8.412	ug/l	98
10) Methyl Iodide	4.263	142	10719	9.648	ug/l	99
11) Tert butyl alcohol	5.183	59	4060	67.027	ug/l #	92
12) 1,1-Dichloroethene	4.037	96	7011	8.636	ug/l	96
13) Acrolein	3.897	56	621	13.411	ug/l	84
14) Allyl chloride	4.671	41	10101	7.879	ug/l	99
15) Acrylonitrile	5.372	53	8446	40.683	ug/l	97
16) Acetone	4.129	43	8203	36.629	ug/l	93
17) Carbon Disulfide	4.379	76	18854	8.042	ug/l	98
18) Methyl Acetate	4.665	43	5959	8.391	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	12839	9.257	ug/l	98
20) Methylene Chloride	4.909	84	10288	8.633	ug/l #	95
21) trans-1,2-Dichloroethene	5.415	96	8245	9.052	ug/l	94
22) Diisopropyl ether	6.311	45	21215	8.386	ug/l	93
23) Vinyl Acetate	6.256	43	62047	42.293	ug/l	98
24) 1,1-Dichloroethane	6.214	63	13650	8.390	ug/l	99
25) 2-Butanone	7.177	43	11809	41.579	ug/l	99
26) 2,2-Dichloropropane	7.165	77	10090	9.450	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	9072	9.283	ug/l	96
28) Bromochloromethane	7.512	49	5655	8.386	ug/l	95
29) Tetrahydrofuran	7.537	42	7266	41.817	ug/l	98
30) Chloroform	7.677	83	14954	8.721	ug/l	97
31) Cyclohexane	7.951	56	13409	8.286	ug/l #	93
32) 1,1,1-Trichloroethane	7.872	97	12555	8.683	ug/l	99
36) 1,1-Dichloropropene	8.079	75	11374	8.565	ug/l	98
37) Ethyl Acetate	7.256	43	5472	9.125	ug/l #	95
38) Carbon Tetrachloride	8.073	117	11987	8.941	ug/l	93
39) Methylcyclohexane	9.335	83	14004	8.961	ug/l	93
40) Benzene	8.323	78	32829	8.981	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	2471	7.078	ug/l #	82
42) 1,2-Dichloroethane	8.402	62	10013	8.561	ug/l	100
43) Isopropyl Acetate	8.421	43	10179	8.980	ug/l	100
44) Trichloroethene	9.091	130	9529	9.452	ug/l	96
45) 1,2-Dichloropropane	9.372	63	7383	8.452	ug/l	98
46) Dibromomethane	9.457	93	4824	9.687	ug/l	97
47) Bromodichloromethane	9.646	83	10959	8.945	ug/l	93
48) Methyl methacrylate	9.439	41	4416	8.202	ug/l	99
49) 1,4-Dioxane	9.457	88	1322	200.150	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	26897	44.431	ug/l	98
52) Toluene	10.390	92	20891	9.057	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	11007	8.898	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	12442	8.869	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	6453	9.356	ug/l	97
56) Ethyl methacrylate	10.646	69	7922	9.079	ug/l	98
57) 1,3-Dichloropropane	10.932	76	10774	9.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.920	63	21228	53.112	ug/l	100
59) 2-Hexanone	10.969	43	18284	42.902	ug/l	99
60) Dibromochloromethane	11.127	129	7470	9.053	ug/l	97
61) 1,2-Dibromoethane	11.231	107	6399	9.504	ug/l	98
64) Tetrachloroethene	10.859	164	8562	9.729	ug/l	93
65) Chlorobenzene	11.658	112	22960	9.465	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.731	131	8062	9.146	ug/l	95
67) Ethyl Benzene	11.731	91	40988	9.456	ug/l	95
68) m/p-Xylenes	11.841	106	32845	19.445	ug/l	98
69) o-Xylene	12.164	106	15162	9.677	ug/l	99
70) Styrene	12.182	104	25352	9.501	ug/l	98
71) Bromoform	12.347	173	4763	9.301	ug/l #	99
73) Isopropylbenzene	12.463	105	41290	9.834	ug/l	97
74) N-amyl acetate	12.274	43	9663	9.608	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.712	83	7643	9.837	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	5634m	8.924	ug/l	
77) Bromobenzene	12.749	156	9657	9.557	ug/l	97
78) n-propylbenzene	12.804	91	47712	9.309	ug/l	99
79) 2-Chlorotoluene	12.889	91	28199	9.518	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	35265	9.690	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.511	75	2224	9.036	ug/l	98
82) 4-Chlorotoluene	12.987	91	29822	9.555	ug/l	98
83) tert-Butylbenzene	13.206	119	32253	10.260	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	34556	9.576	ug/l	98
85) sec-Butylbenzene	13.383	105	44863	9.542	ug/l	99
86) p-Isopropyltoluene	13.493	119	38528	9.600	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	20524	9.864	ug/l	97
88) 1,4-Dichlorobenzene	13.572	146	20452	9.731	ug/l	95
89) n-Butylbenzene	13.822	91	33406	8.981	ug/l	97
90) Hexachloroethane	14.090	117	7208	10.113	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	19076	10.312	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.480	75	1313	9.400	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	12901	10.312	ug/l	99
94) Hexachlorobutadiene	15.230	225	7347	9.267	ug/l	97
95) Naphthalene	15.358	128	23052	10.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.553	180	11489	10.183	ug/l	94

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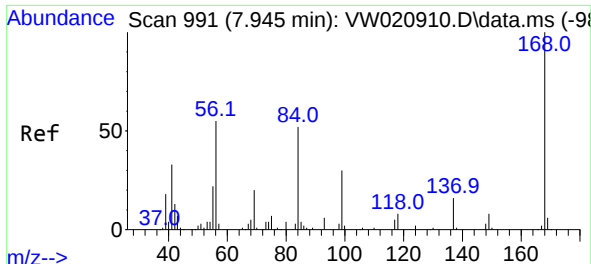
Manual Integrations
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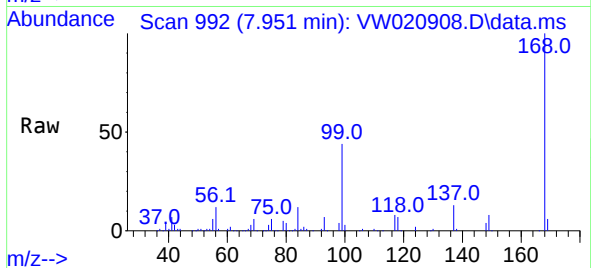
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 991
Delta R.T. 0.006 min
Lab File: VW020908.D
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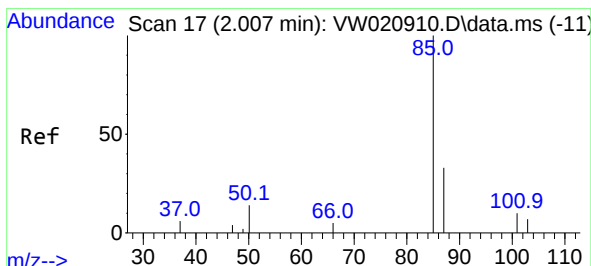
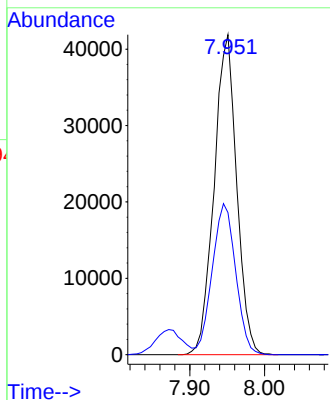
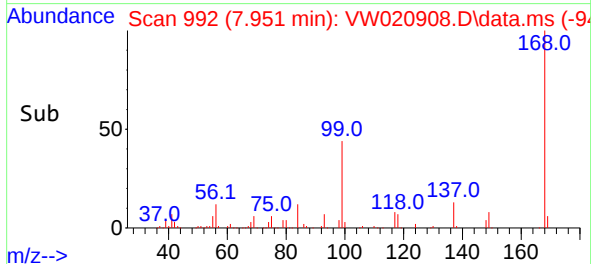
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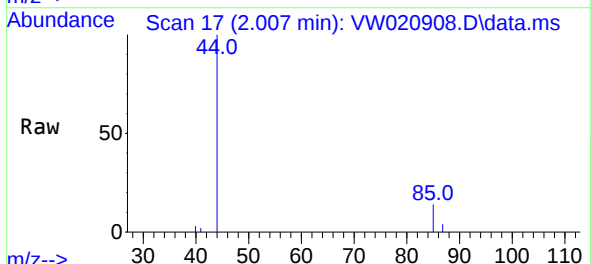
Tgt Ion:168 Resp: 88012
Ion Ratio Lower Upper
168 100
99 44.4 41.6 62.4

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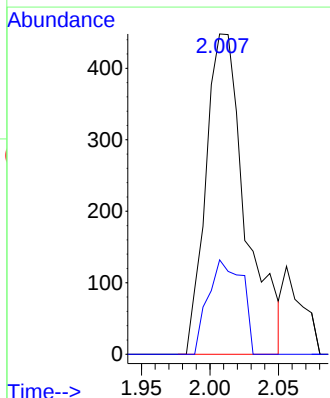
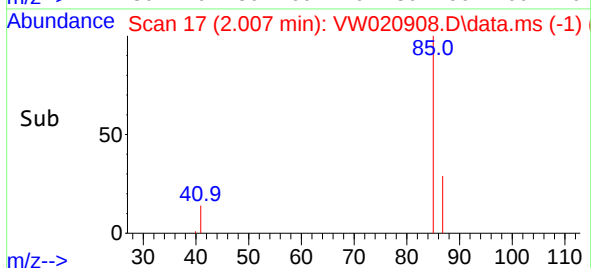
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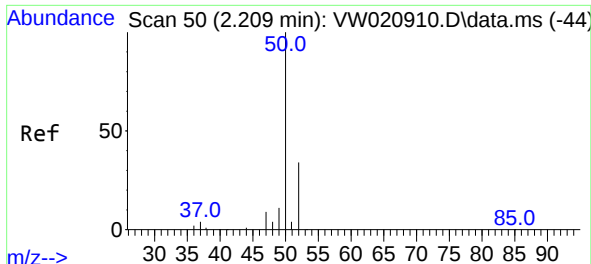


#2
Dichlorodifluoromethane
Concen: 3.993 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



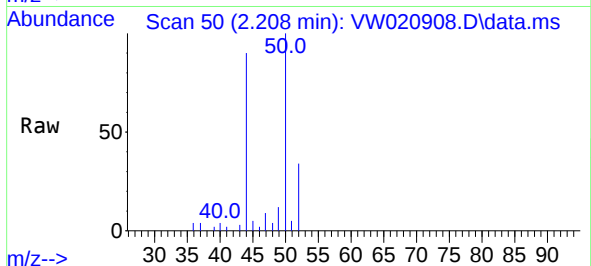
Tgt Ion: 85 Resp: 904
Ion Ratio Lower Upper
85 100
87 29.5 16.8 50.3





#3
Chloromethane
Concen: 7.435 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

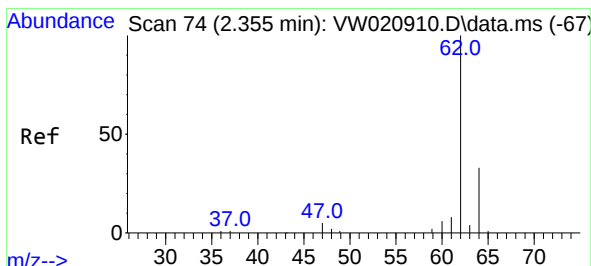
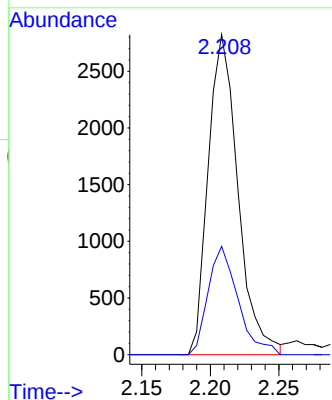
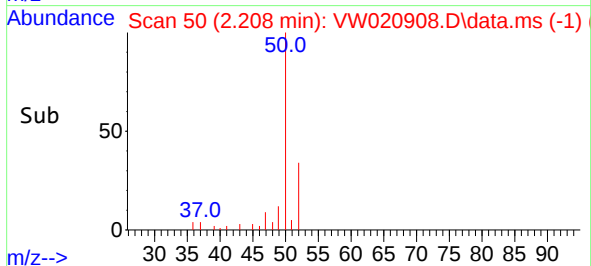
Instrument :
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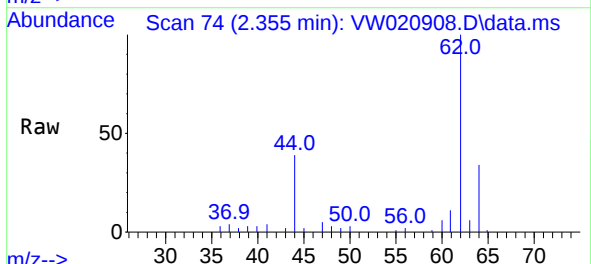
Tgt Ion: 50 Resp: 4264
Ion Ratio Lower Upper
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52 33.8 27.2 40.8

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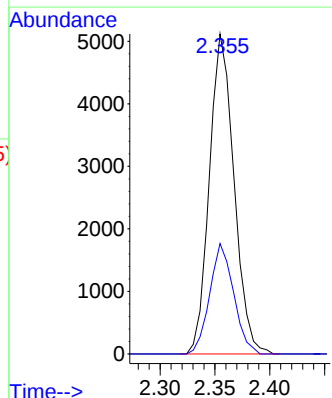
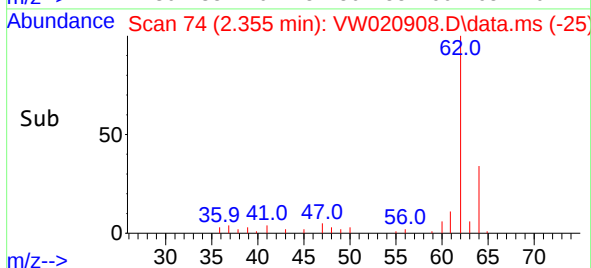
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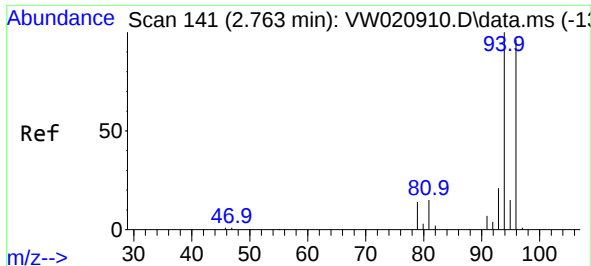


#4
Vinyl Chloride
Concen: 10.201 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



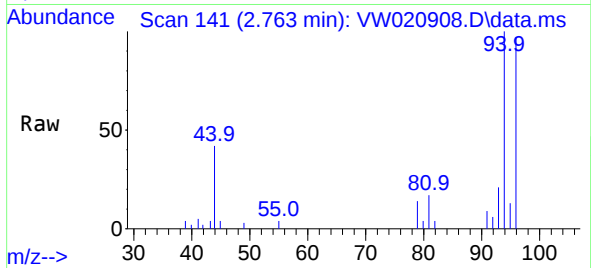
Tgt Ion: 62 Resp: 7992
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.4





#5
Bromomethane
Concen: 10.719 ug/l
RT: 2.763 min Scan# 141
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

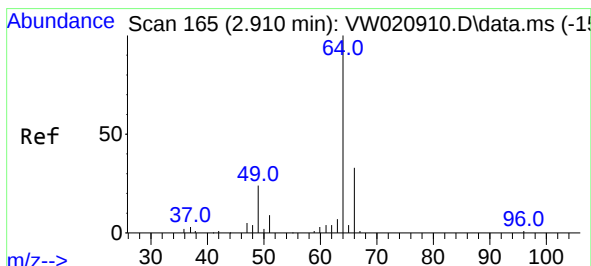
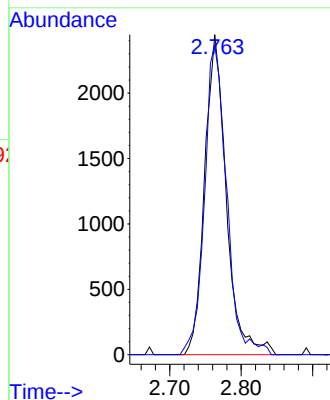
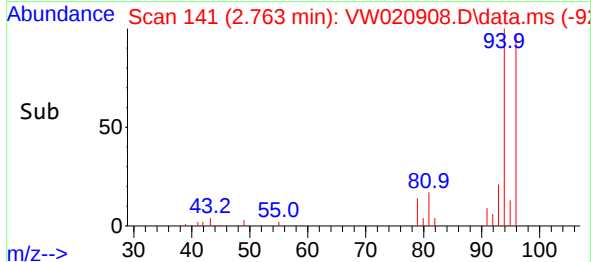
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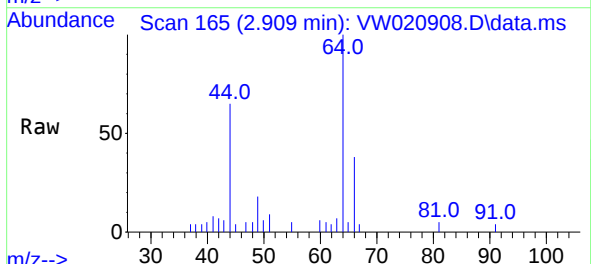
Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 96.7 76.4 114.6

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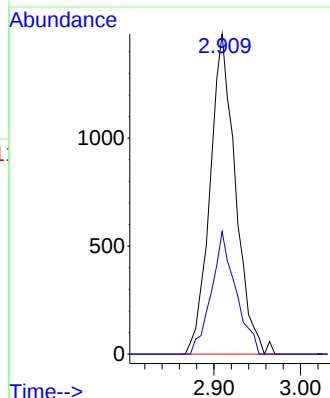
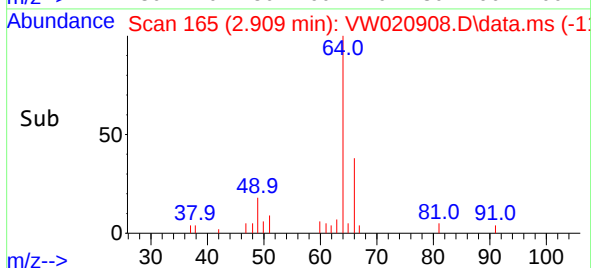
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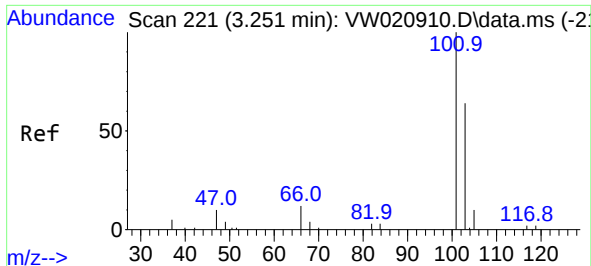


#6
Chloroethane
Concen: 8.831 ug/l
RT: 2.909 min Scan# 165
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 3032
Ion Ratio Lower Upper
64 100
66 38.3 26.7 40.1





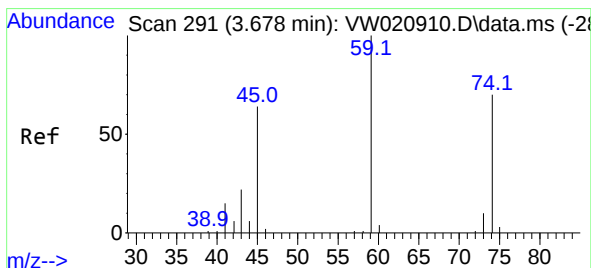
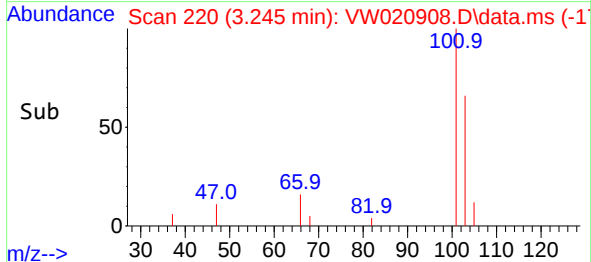
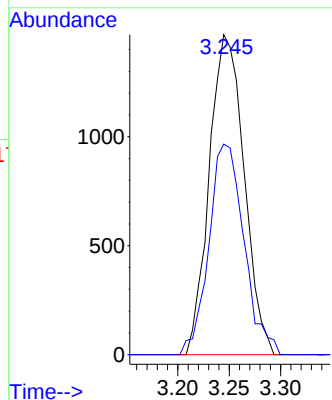
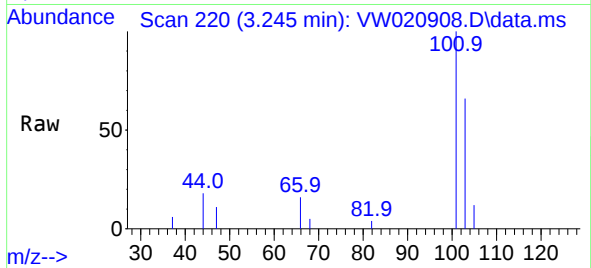
#7
 Trichlorofluoromethane
 Concen: 6.729 ug/l
 RT: 3.245 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VW020908.D
 Acq: 17 Nov 2021 16:09

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Tgt Ion:101 Resp: 3452
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.9 76.3

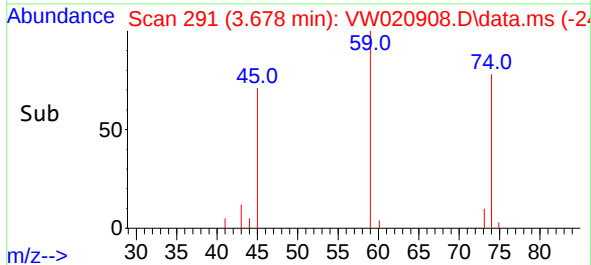
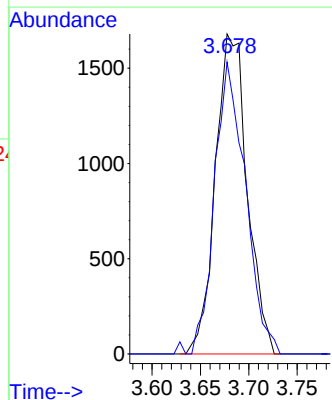
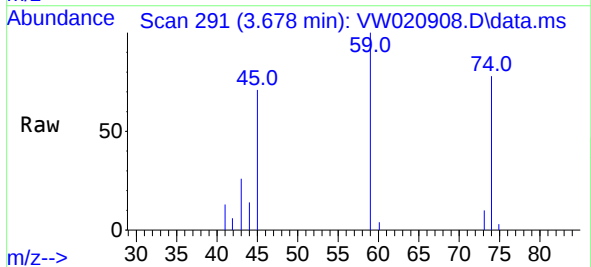
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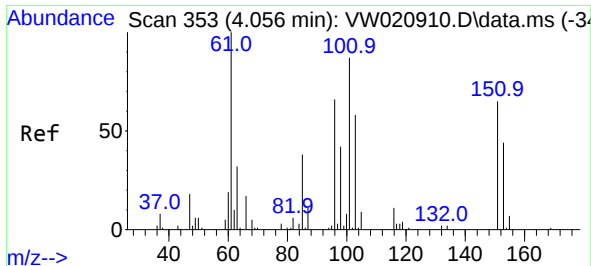
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#8
 Diethyl Ether
 Concen: 9.156 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 3845
 Ion Ratio Lower Upper
 74 100
 45 88.9 45.3 135.8





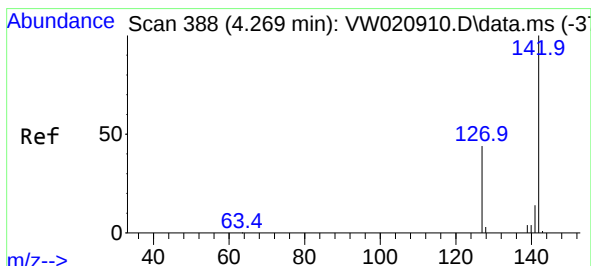
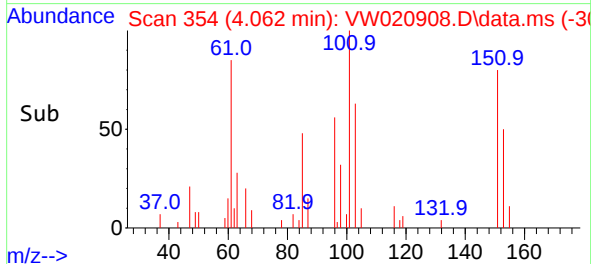
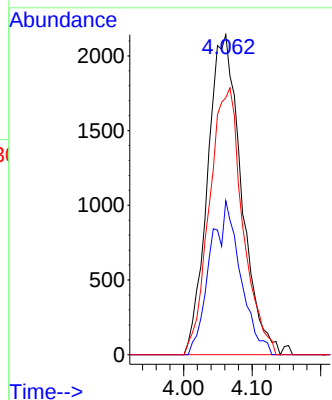
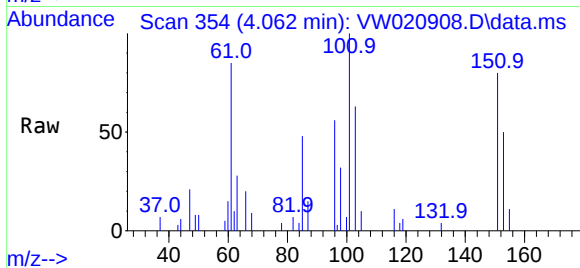
#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.412 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 7319
Ion Ratio Lower Upper
101 100
85 43.5 36.6 54.8
151 82.3 66.3 99.5

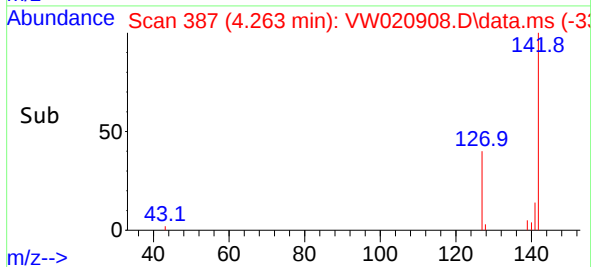
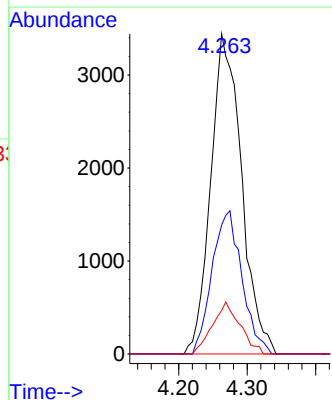
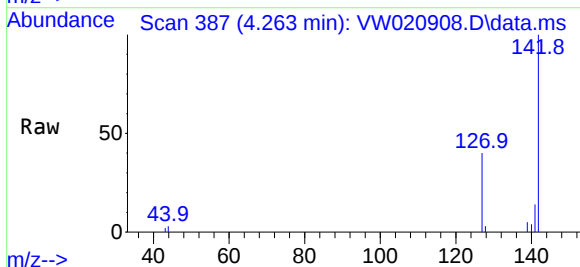
Manual Integrations
APPROVED

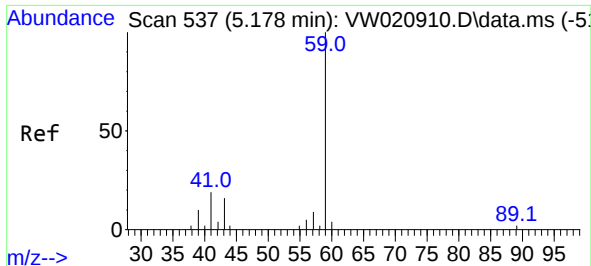
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 9.648 ug/l
RT: 4.263 min Scan# 387
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

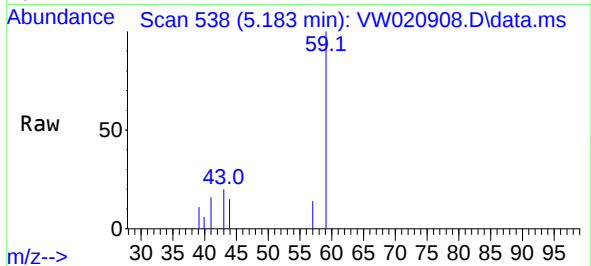
Tgt Ion:142 Resp: 10719
Ion Ratio Lower Upper
142 100
127 43.5 35.5 53.3
141 14.6 11.5 17.3





#11
Tert butyl alcohol
Concen: 67.027 ug/l
RT: 5.183 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

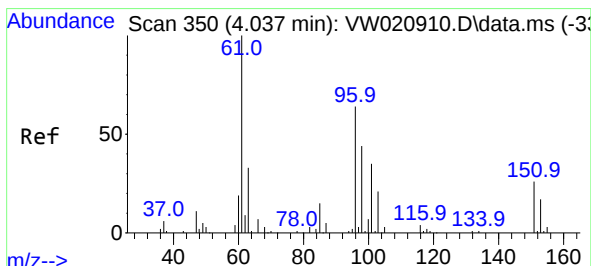
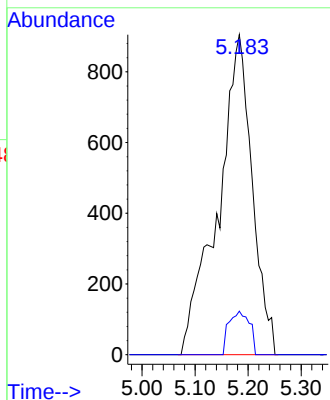
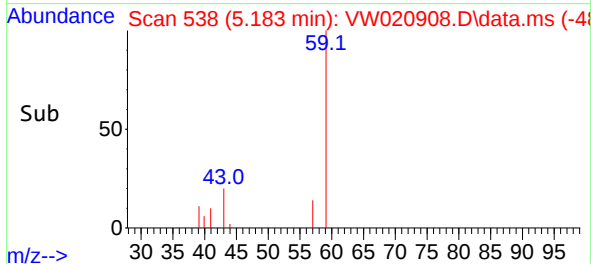
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



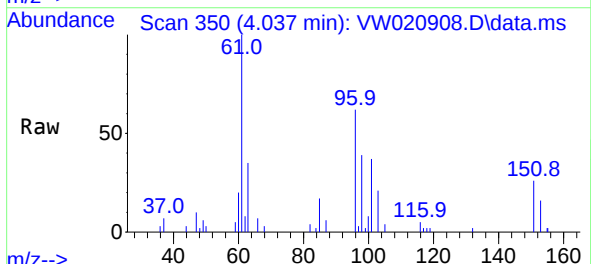
Tgt Ion: 59 Resp: 4060
Ion Ratio Lower Upper
59 100
57 8.2 4.3 6.5

Manual Integrations
APPROVED

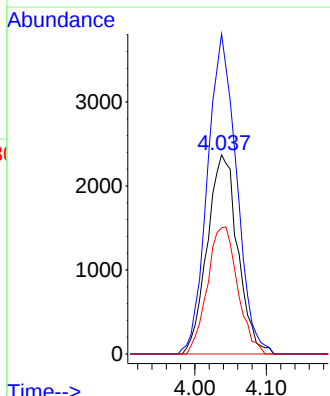
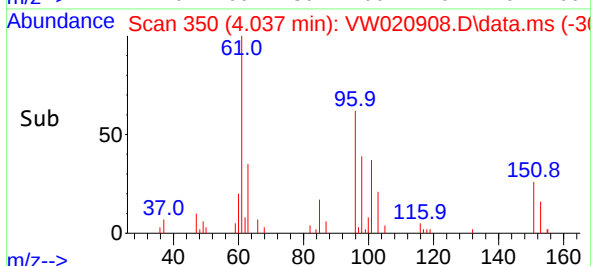
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

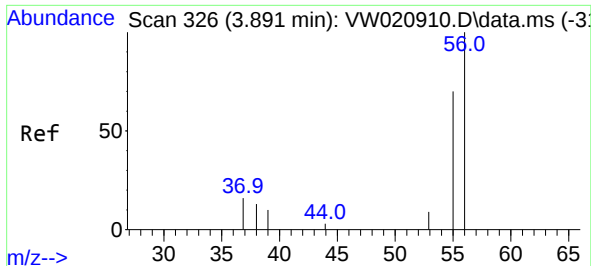


#12
1,1-Dichloroethene
Concen: 8.636 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



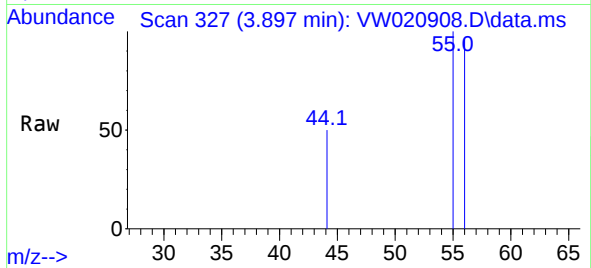
Tgt Ion: 96 Resp: 7011
Ion Ratio Lower Upper
96 100
61 160.7 124.4 186.6
98 63.3 54.2 81.2





#13
Acrolein
Concen: 13.411 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

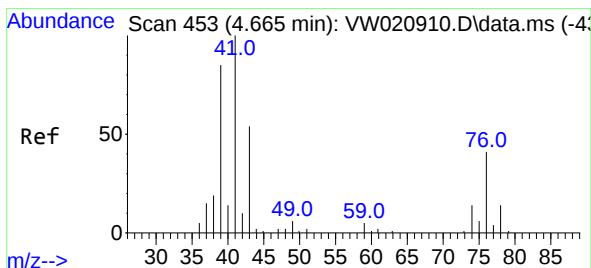
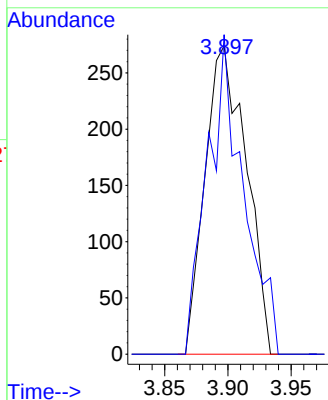
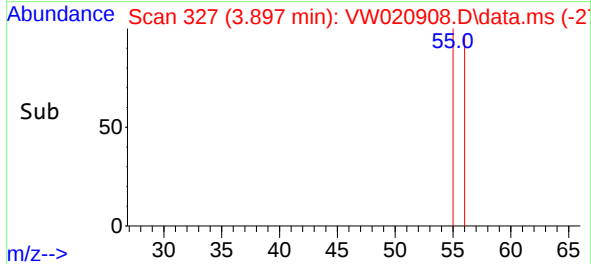
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



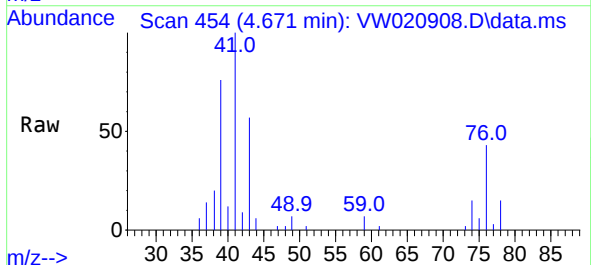
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 90.5 61.2 91.8

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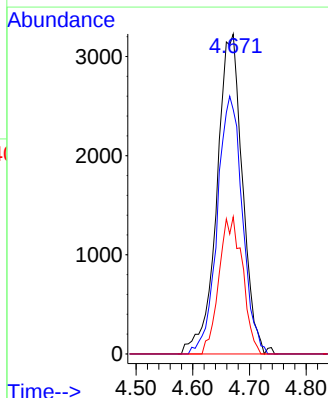
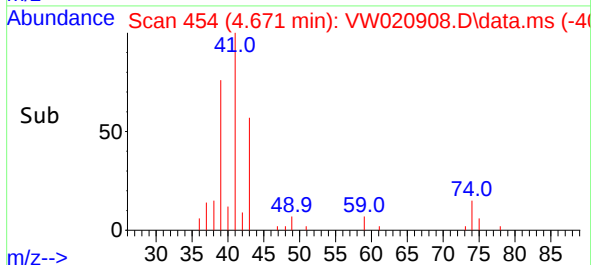
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

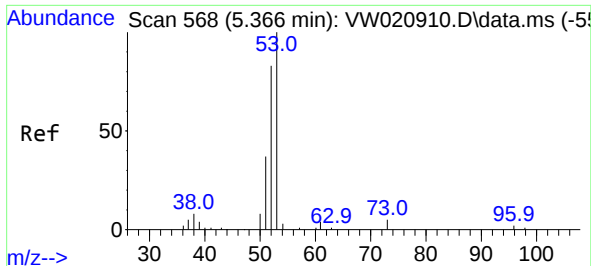


#14
Allyl chloride
Concen: 7.879 ug/l
RT: 4.671 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



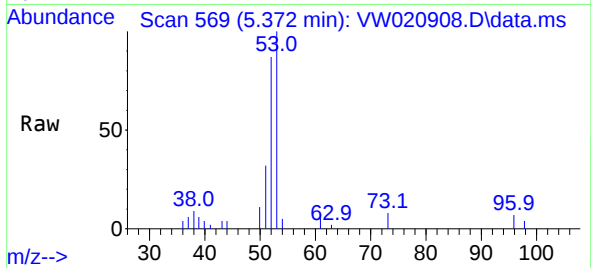
Tgt Ion: 41 Resp: 10101
Ion Ratio Lower Upper
41 100
39 79.0 63.4 95.2
76 39.4 32.2 48.4





#15
Acrylonitrile
Concen: 40.683 ug/l
RT: 5.372 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

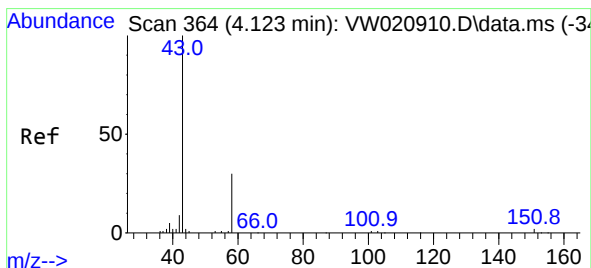
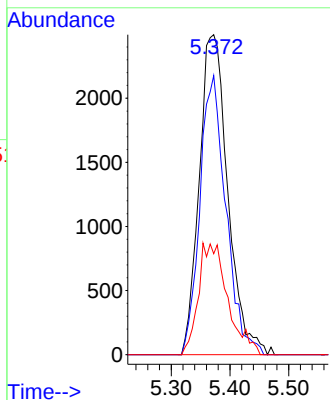
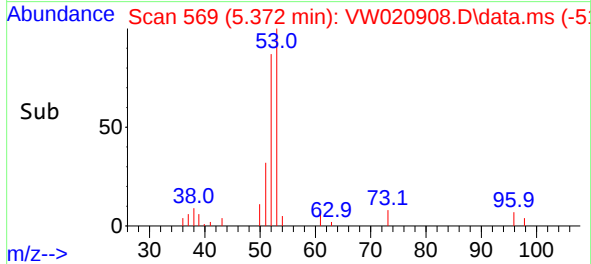
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 844
Ion Ratio Lower Upper
53 100
52 79.6 65.9 98.9
51 35.6 29.8 44.6

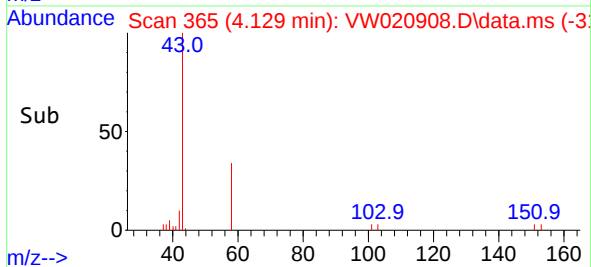
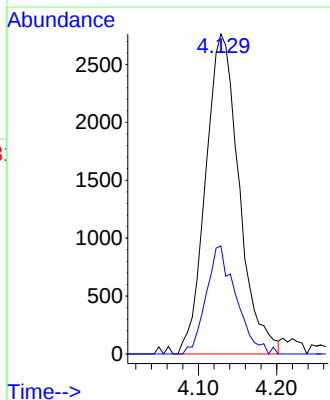
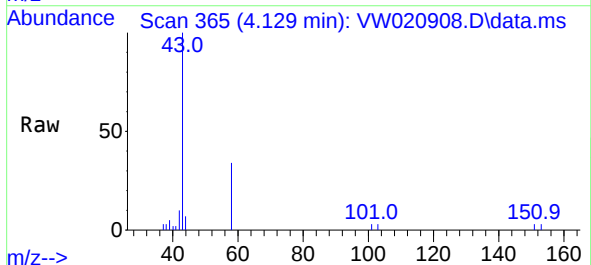
Manual Integrations
APPROVED

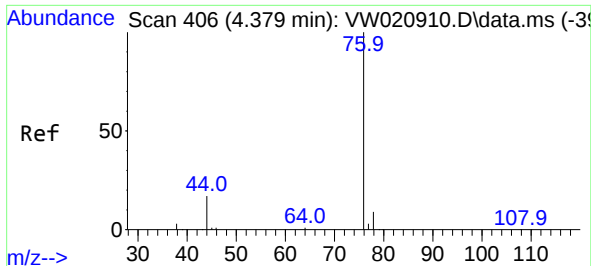
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 36.629 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 43 Resp: 8203
Ion Ratio Lower Upper
43 100
58 33.8 24.2 36.2





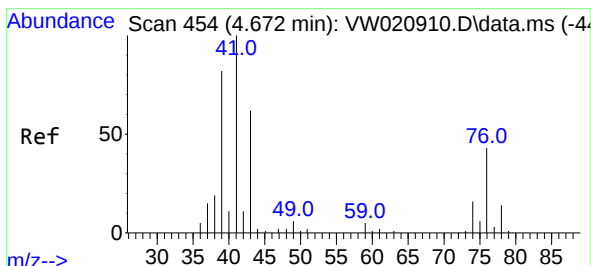
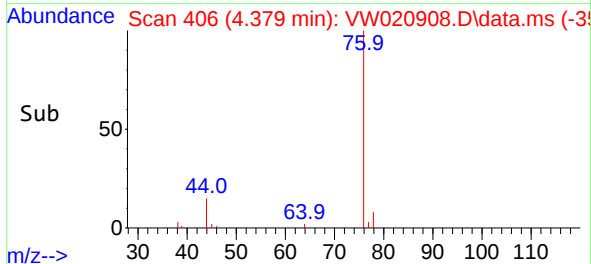
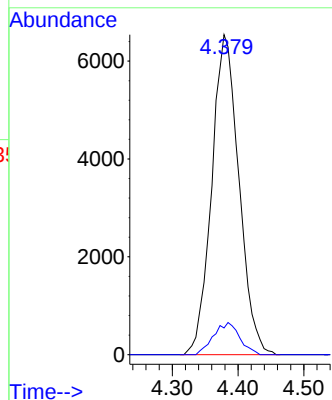
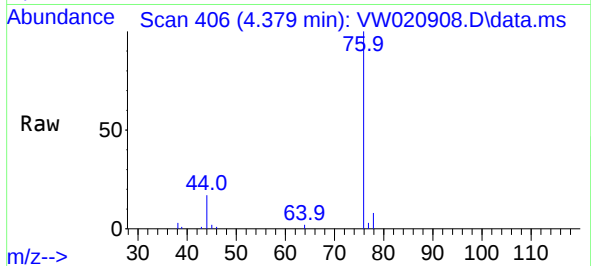
#17
Carbon Disulfide
Concen: 8.042 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 18854
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

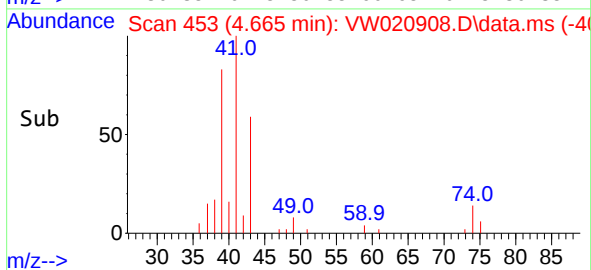
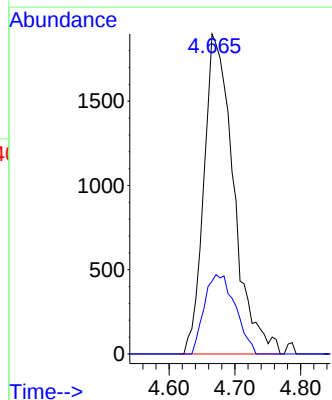
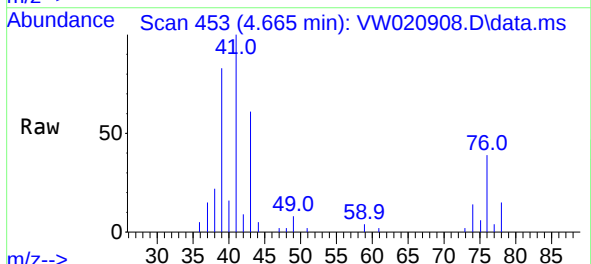
Manual Integrations
APPROVED

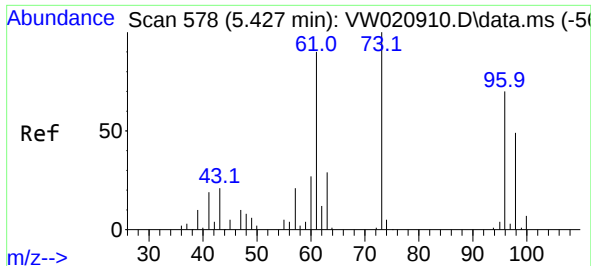
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 8.391 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 43 Resp: 5959
Ion Ratio Lower Upper
43 100
74 25.8 19.7 29.5





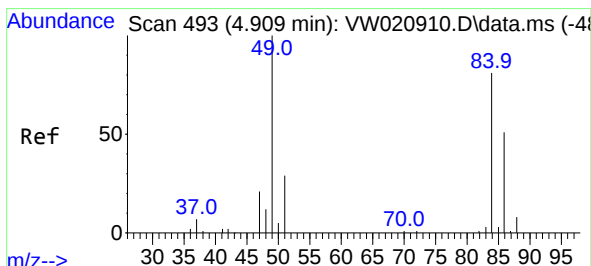
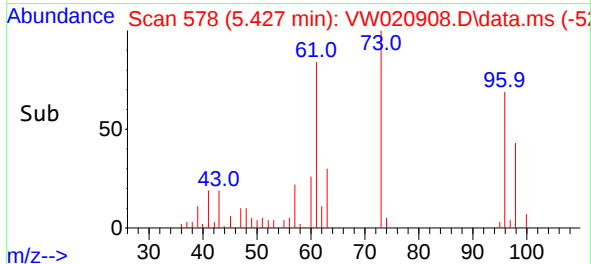
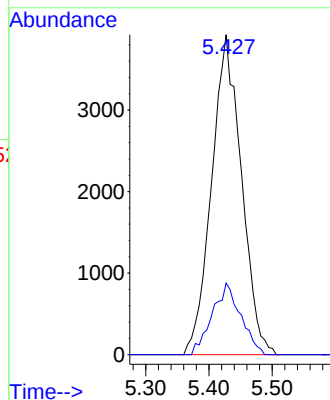
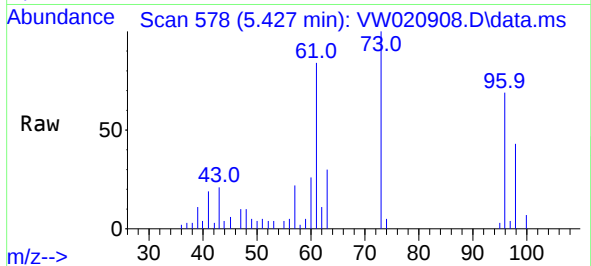
#19
Methyl tert-butyl Ether
Concen: 9.257 ug/l
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 12839
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6

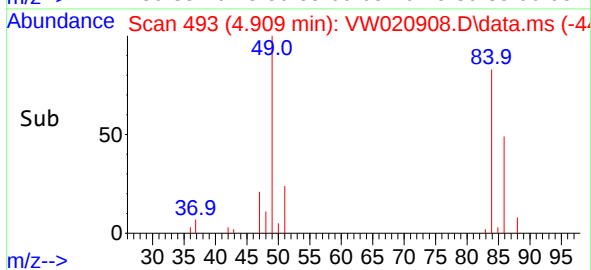
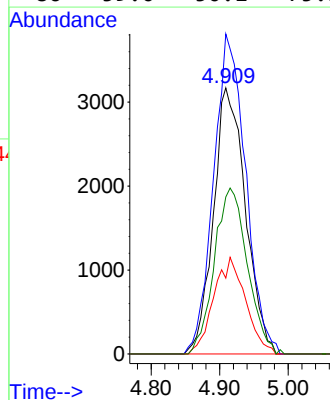
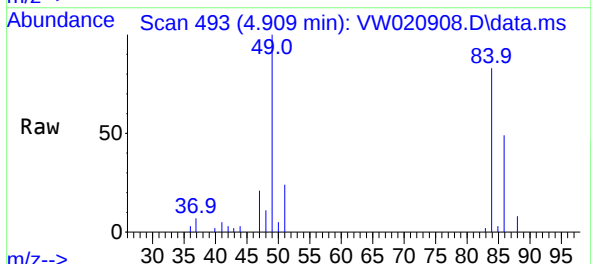
Manual Integrations
APPROVED

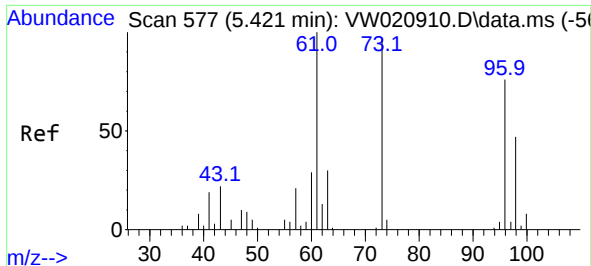
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 8.633 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

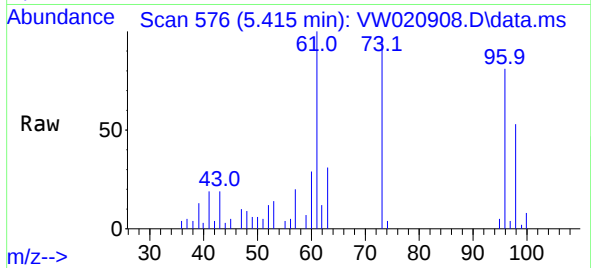
Tgt Ion: 84 Resp: 10288
Ion Ratio Lower Upper
84 100
49 120.3 99.1 148.7
51 28.5 28.8 43.2#
86 59.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 9.052 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

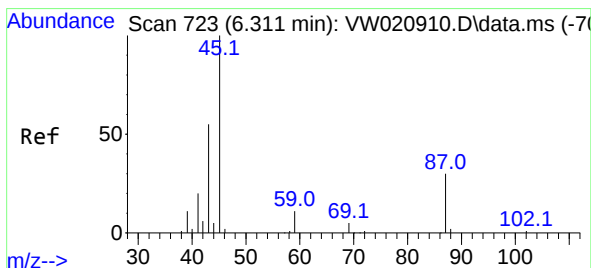
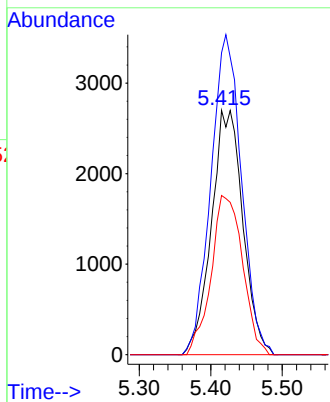
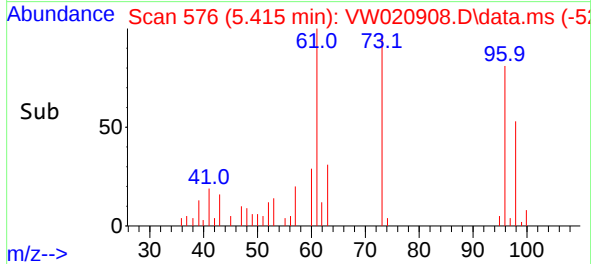
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



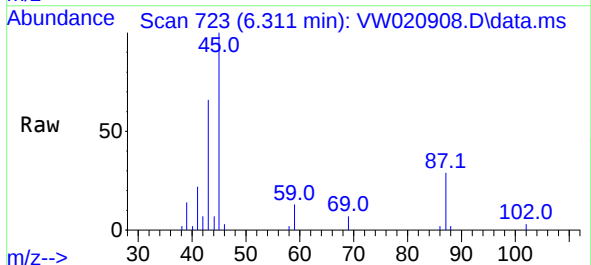
Tgt Ion: 96 Resp: 824
Ion Ratio Lower Upper
96 100
61 123.6 105.7 158.5
98 65.1 49.7 74.5

Manual Integrations
APPROVED

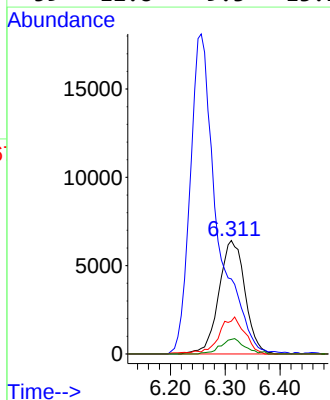
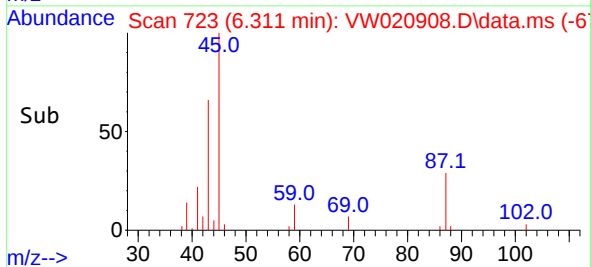
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

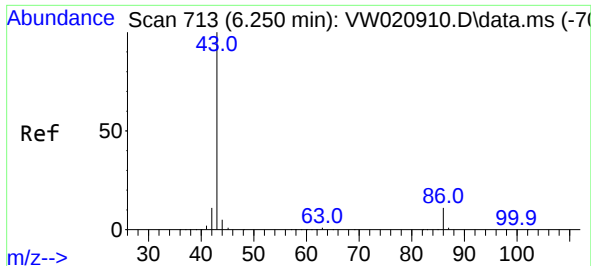


#22
Diisopropyl ether
Concen: 8.386 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 45 Resp: 21215
Ion Ratio Lower Upper
45 100
43 64.7 46.2 69.4
87 28.9 25.0 37.6
59 12.8 9.3 13.9





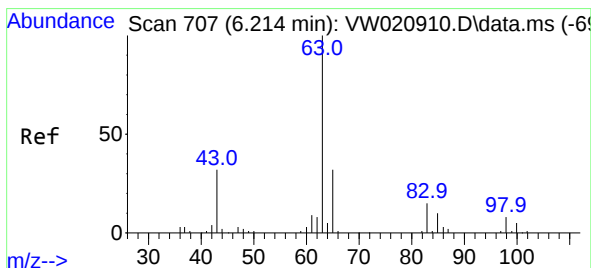
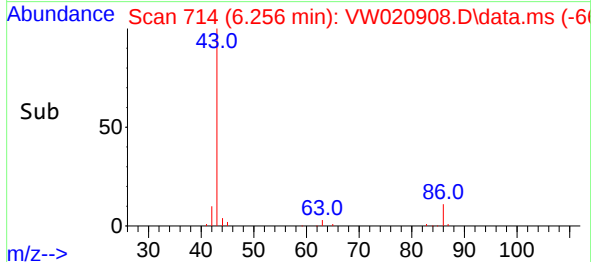
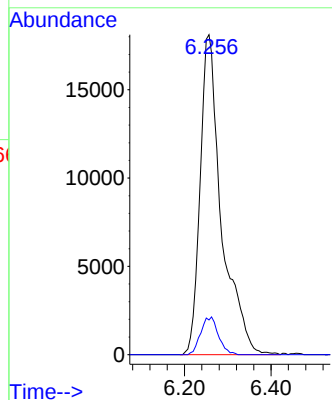
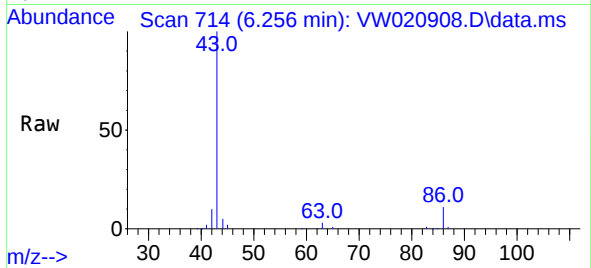
#23
Vinyl Acetate
Concen: 42.293 ug/l
RT: 6.256 min Scan# 714
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 6204
Ion Ratio Lower Upper
43 100
86 10.9 9.2 13.8

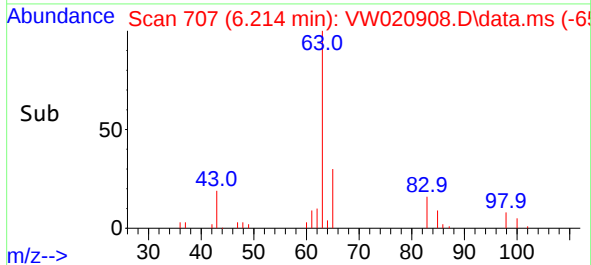
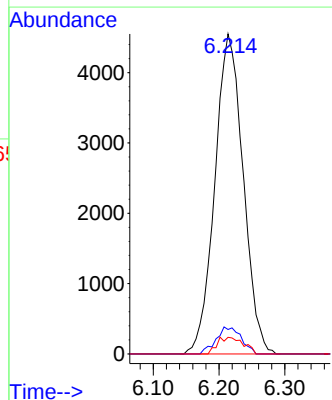
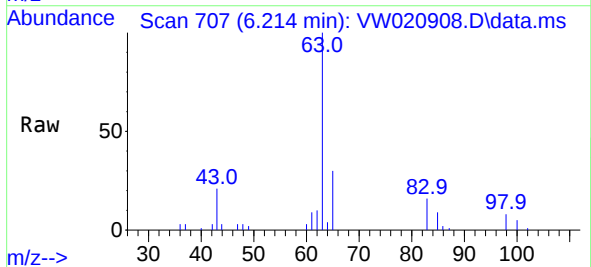
Manual Integrations
APPROVED

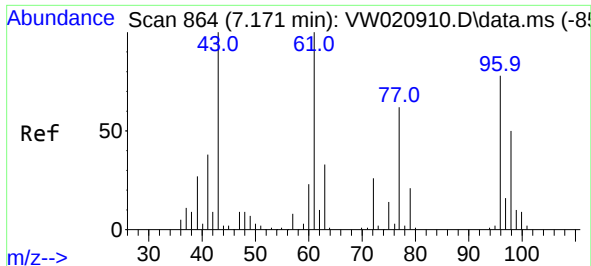
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#24
1,1-Dichloroethane
Concen: 8.390 ug/l
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

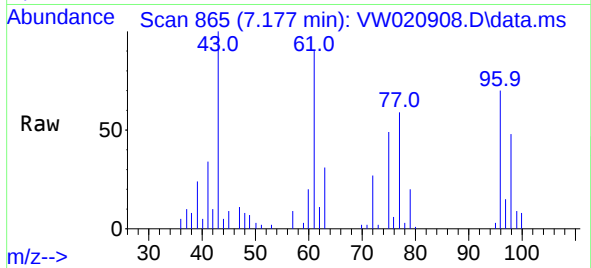
Tgt Ion: 63 Resp: 13650
Ion Ratio Lower Upper
63 100
98 7.6 4.0 12.2
100 5.2 2.6 8.0





#25
2-Butanone
Concen: 41.579 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

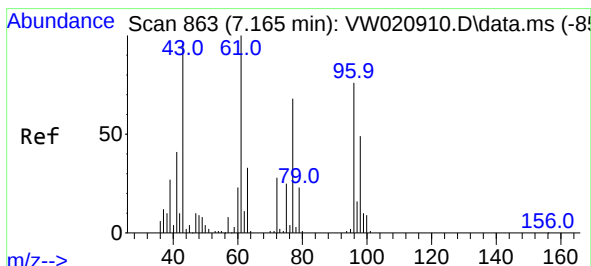
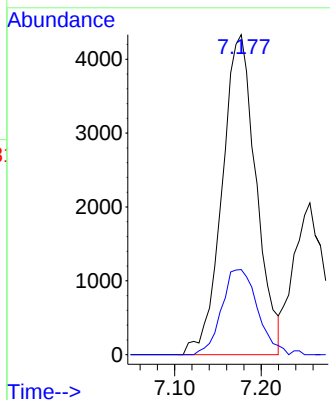
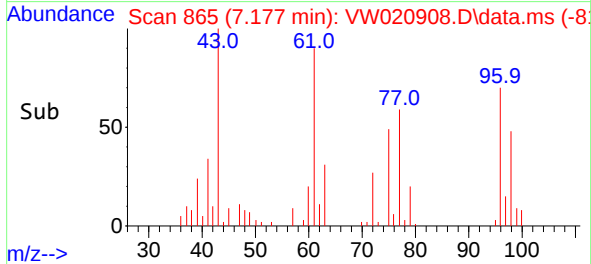
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



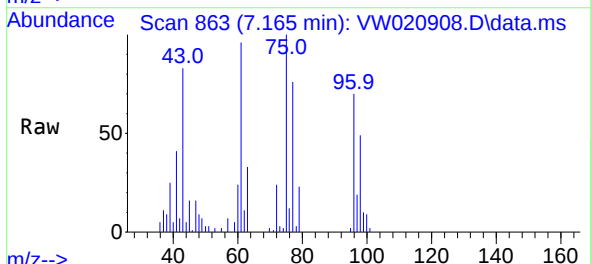
Tgt Ion: 43 Resp: 11809
Ion Ratio Lower Upper
43 100
72 26.6 20.7 31.1

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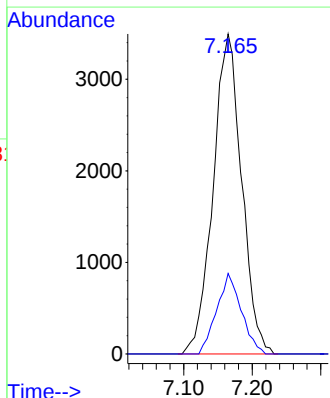
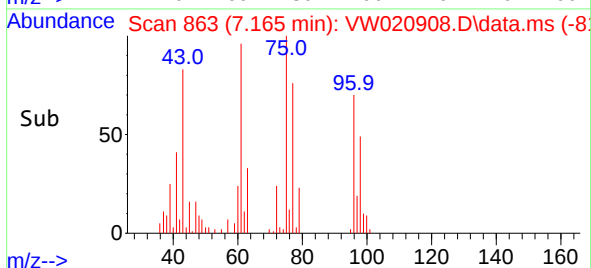
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

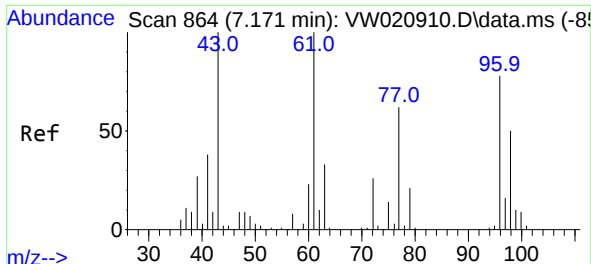


#26
2,2-Dichloropropane
Concen: 9.450 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



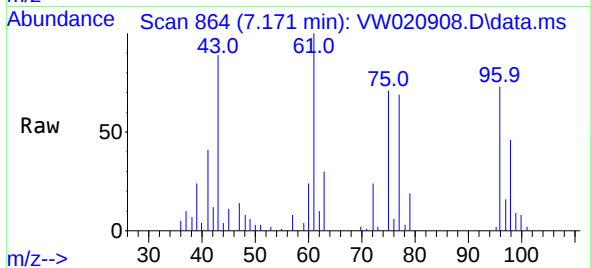
Tgt Ion: 77 Resp: 10090
Ion Ratio Lower Upper
77 100
97 21.7 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 9.283 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

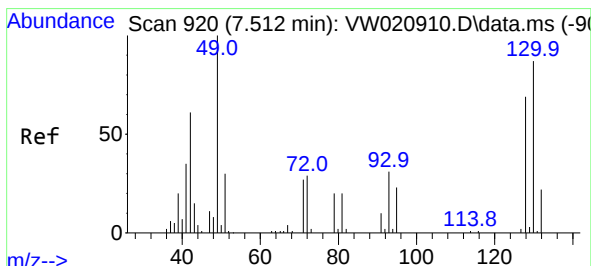
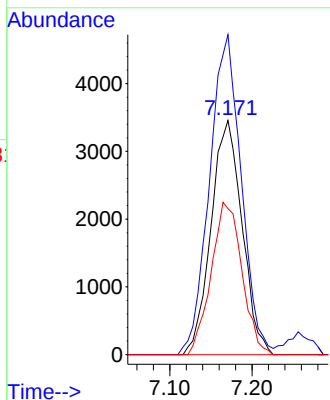
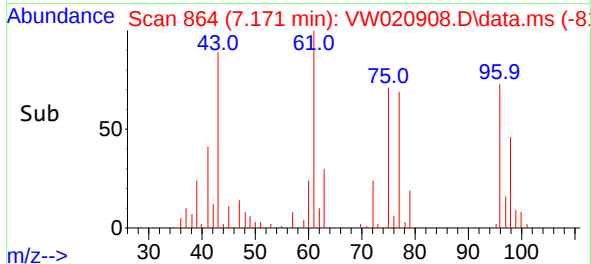
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



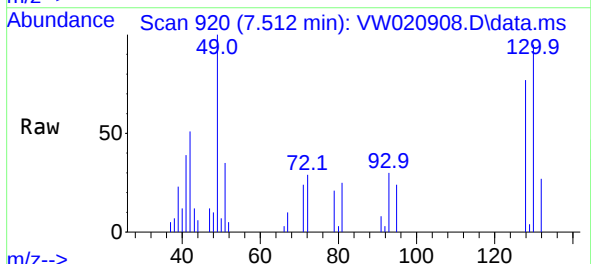
Tgt Ion: 96 Resp: 9072
Ion Ratio Lower Upper
96 100
61 139.7 0.0 266.6
98 64.4 0.0 129.4

Manual Integrations
APPROVED

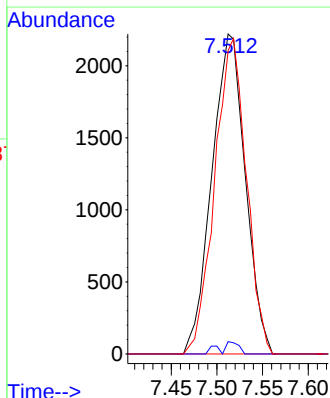
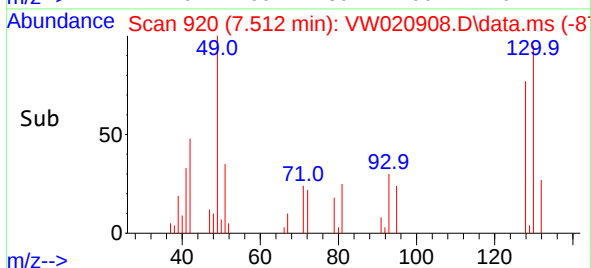
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

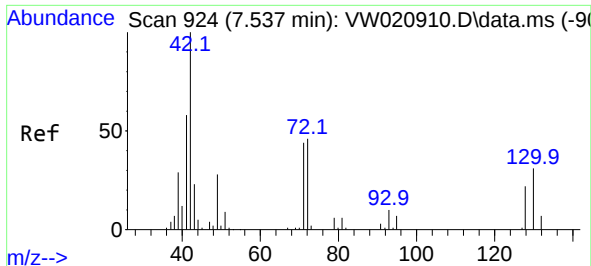


#28
Bromochloromethane
Concen: 8.386 ug/l
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 49 Resp: 5655
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.4
130 93.2 70.8 106.2





#29

Tetrahydrofuran

Concen: 41.817 ug/l

RT: 7.537 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

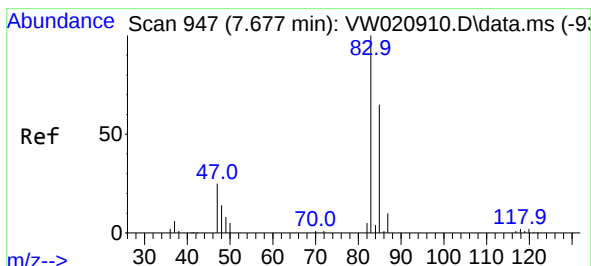
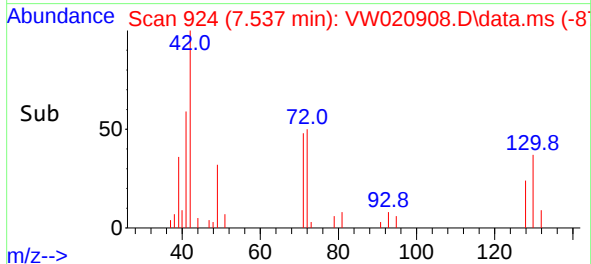
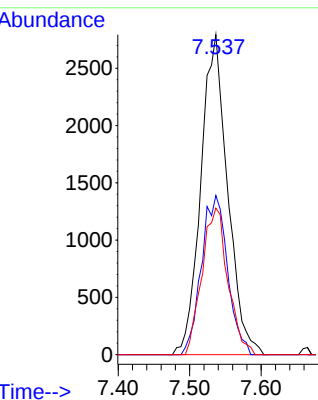
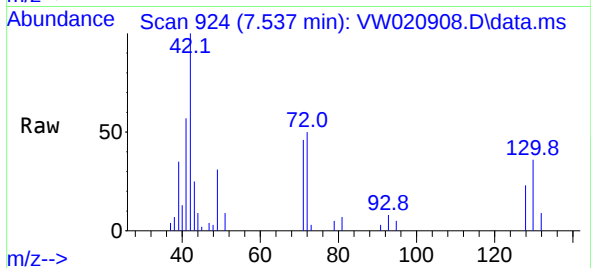
Tgt Ion: 42 Resp: 726

Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.4	56.0
71	44.3	34.7	52.1

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 8.721 ug/l

RT: 7.677 min Scan# 947

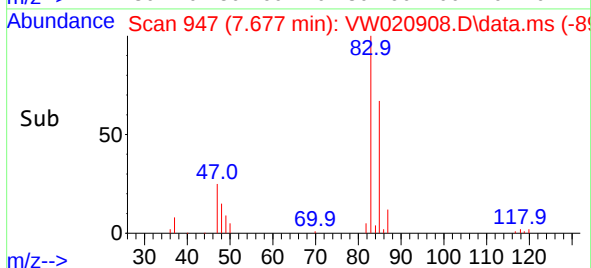
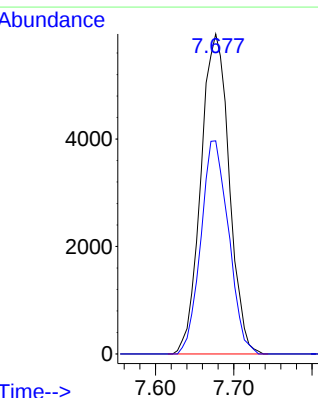
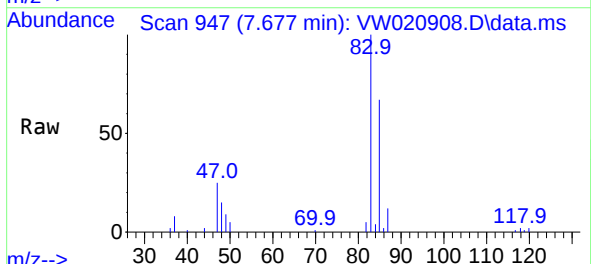
Delta R.T. -0.000 min

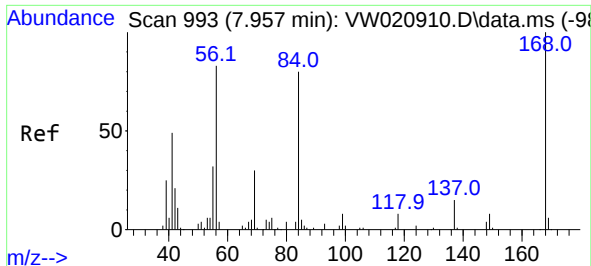
Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 83 Resp: 14954

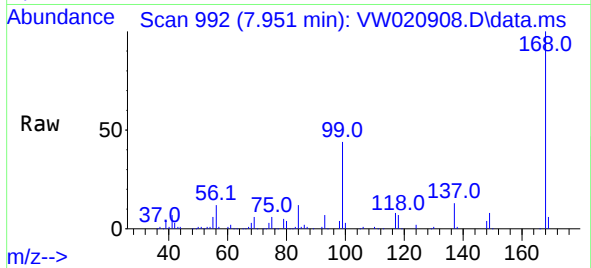
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.7	77.5





#31
Cyclohexane
Concen: 8.286 ug/l
RT: 7.951 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

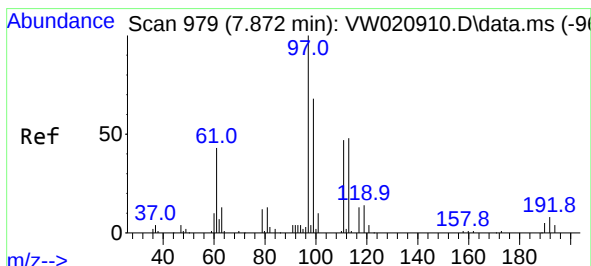
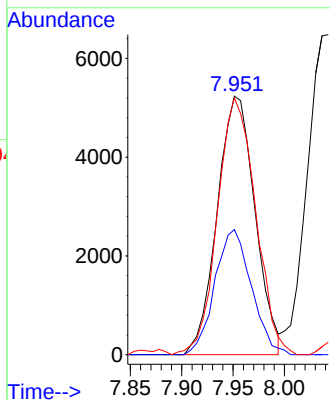
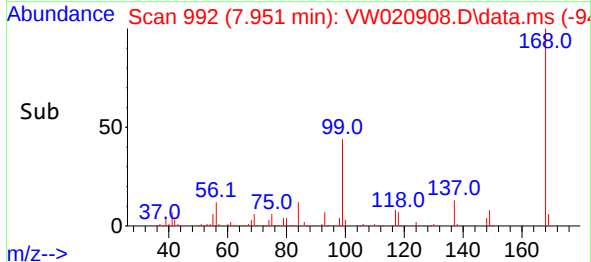
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



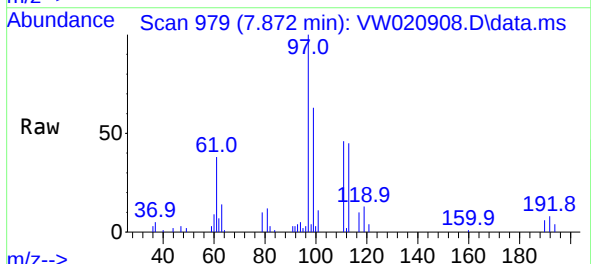
Tgt Ion: 56 Resp: 13409
Ion Ratio Lower Upper
56 100
69 48.4 28.7 43.1
84 98.2 77.6 116.4

Manual Integrations
APPROVED

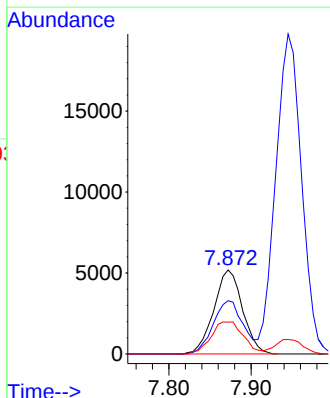
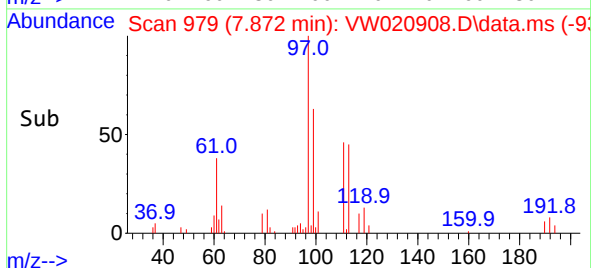
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

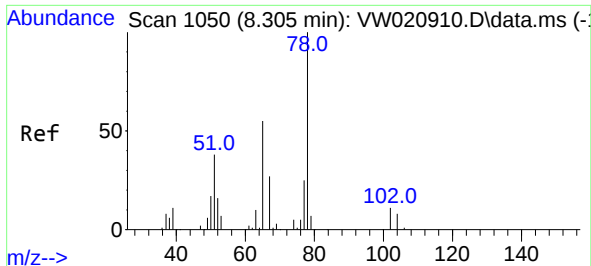


#32
1,1,1-Trichloroethane
Concen: 8.683 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 97 Resp: 12555
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 43.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 8.033 ug/l

RT: 8.311 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 775

Ion Ratio Lower Upper

65 100

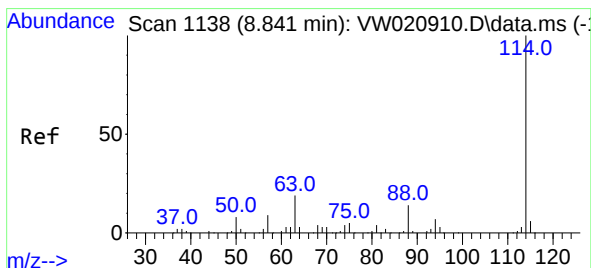
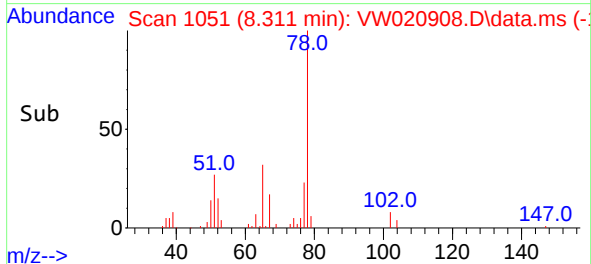
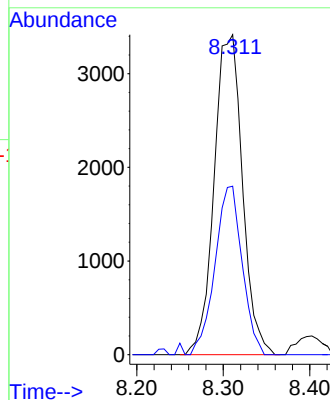
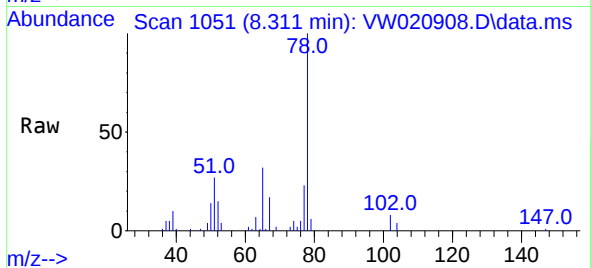
67 50.6 0.0 100.2

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: VW020908.D

Acq: 17 Nov 2021 16:09

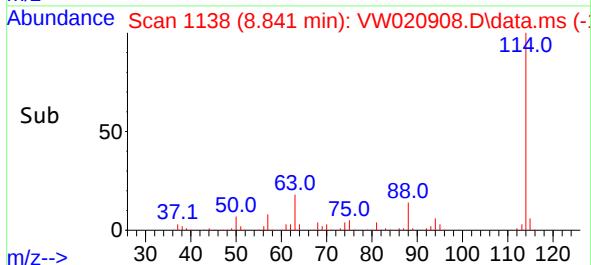
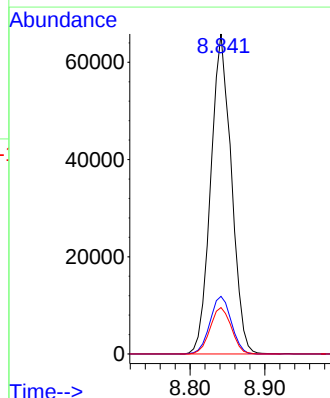
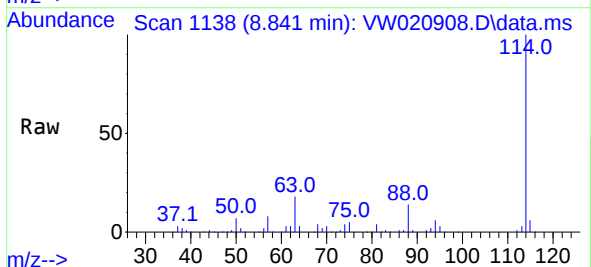
Tgt Ion:114 Resp: 125836

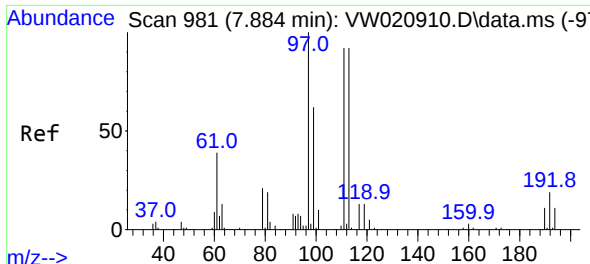
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.2

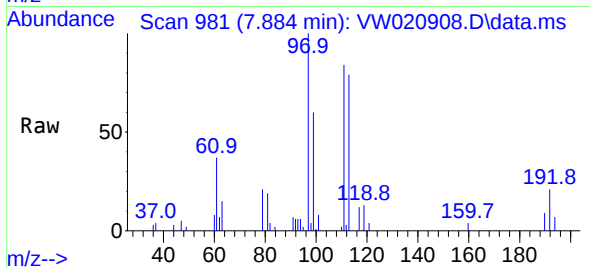
88 14.5 0.0 28.8





#35
Dibromofluoromethane
Concen: 9.436 ug/l
RT: 7.884 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

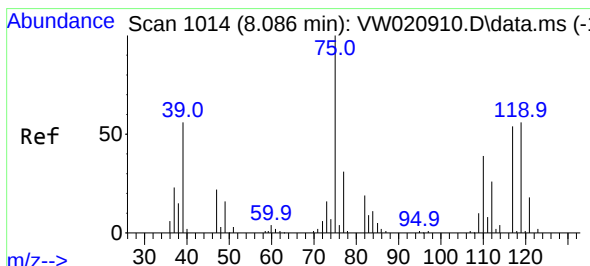
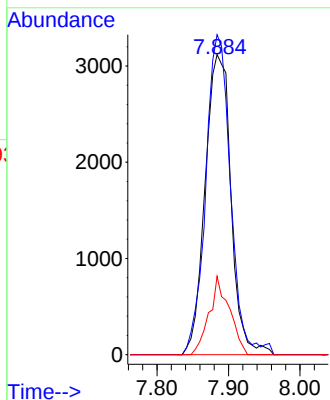
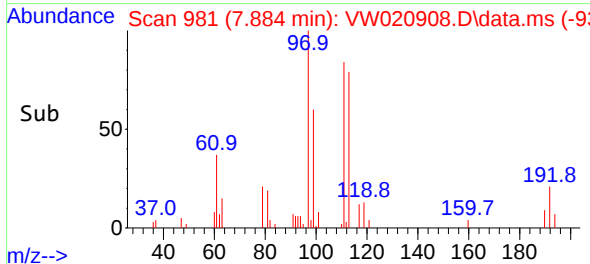
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



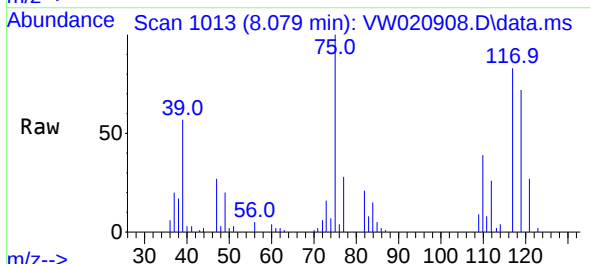
Tgt Ion:113 Resp: 7839
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 20.5 16.8 25.2

Manual Integrations
APPROVED

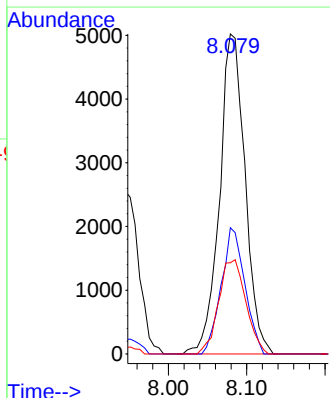
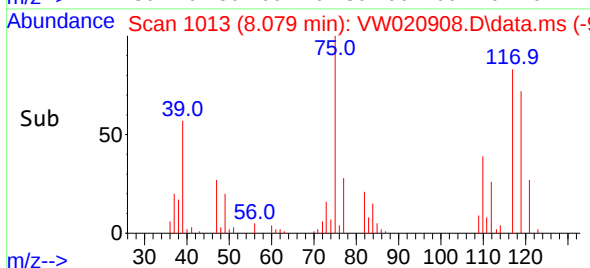
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

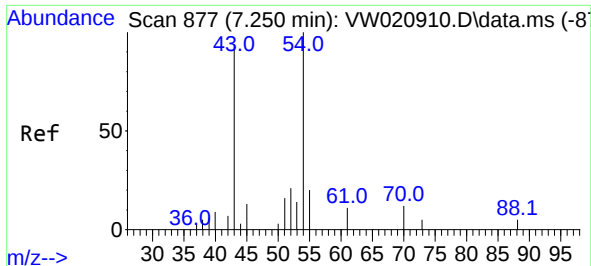


#36
1,1-Dichloropropene
Concen: 8.565 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



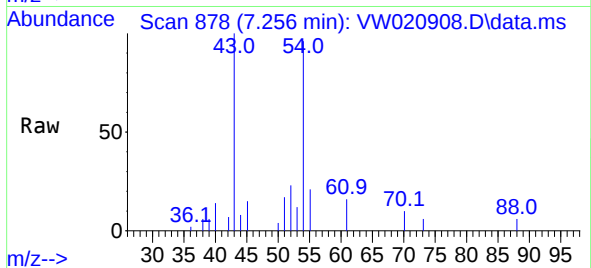
Tgt Ion: 75 Resp: 11374
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.5
77 31.4 24.8 37.2





#37
Ethyl Acetate
Concen: 9.125 ug/l
RT: 7.256 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

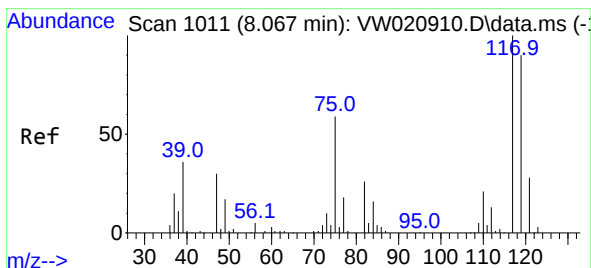
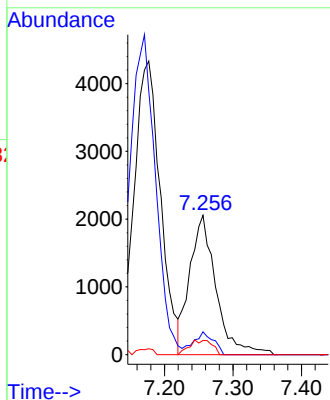
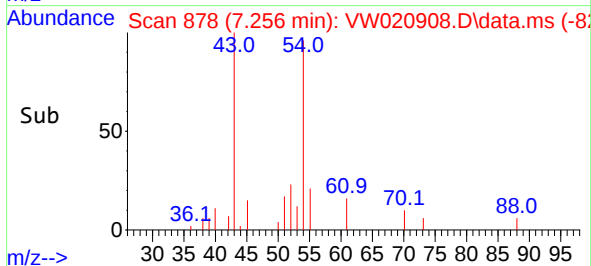
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



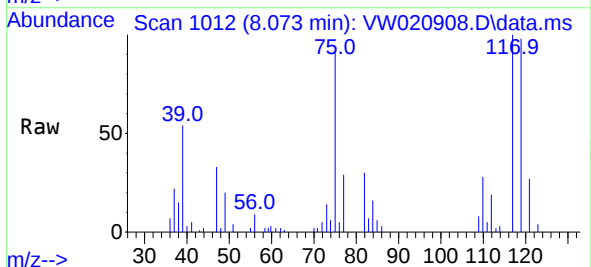
Tgt Ion: 43 Resp: 5472
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 9.0 9.2 13.8

Manual Integrations
APPROVED

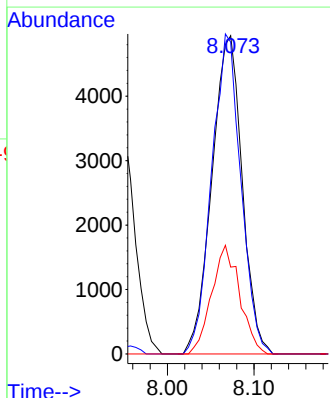
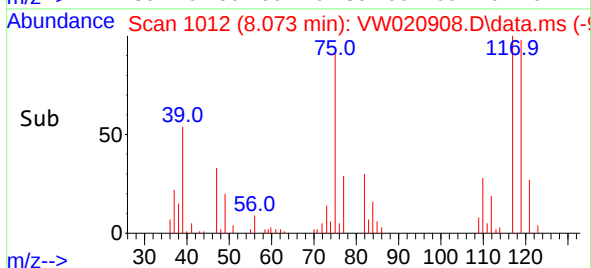
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

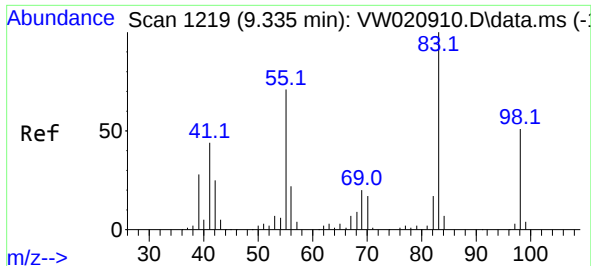


#38
Carbon Tetrachloride
Concen: 8.941 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion:117 Resp: 11987
Ion Ratio Lower Upper
117 100
119 98.0 72.0 108.0
121 27.3 22.6 33.8





#39

Methylcyclohexane

Concen: 8.961 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

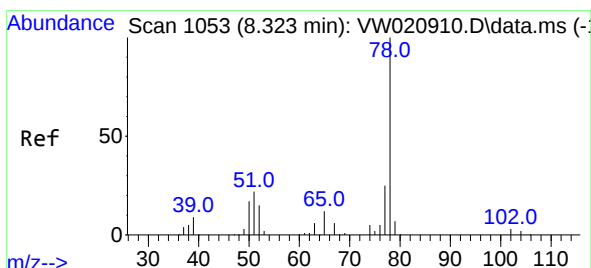
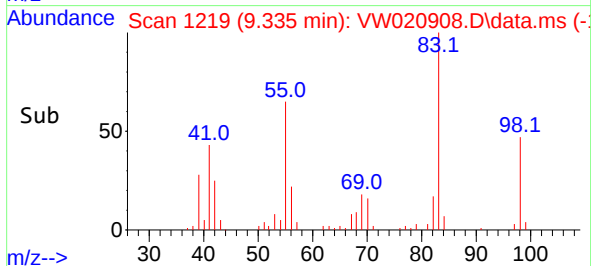
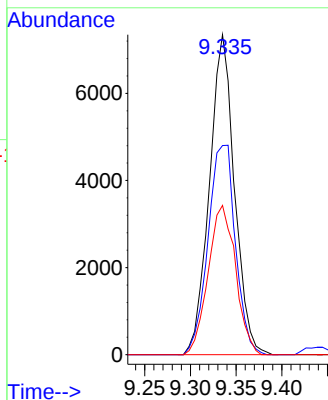
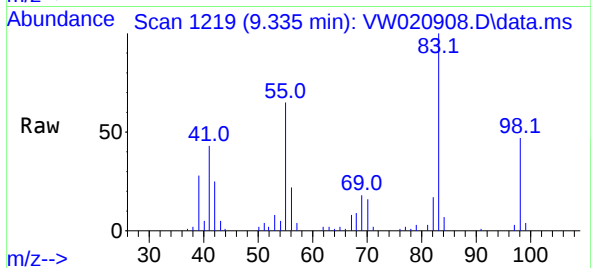
Tgt Ion: 83 Resp: 14004

Ion	Ratio	Lower	Upper
83	100		
55	65.4	56.6	85.0
98	46.7	41.0	61.4

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 8.981 ug/l

RT: 8.323 min Scan# 1053

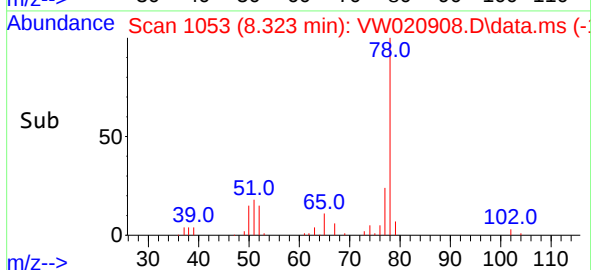
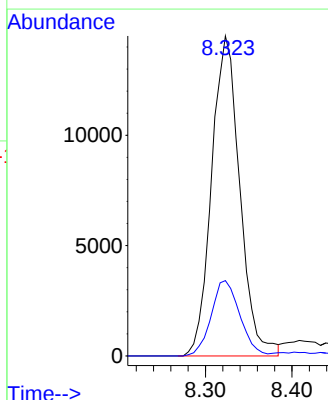
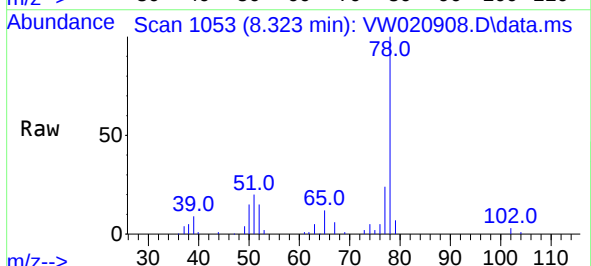
Delta R.T. -0.000 min

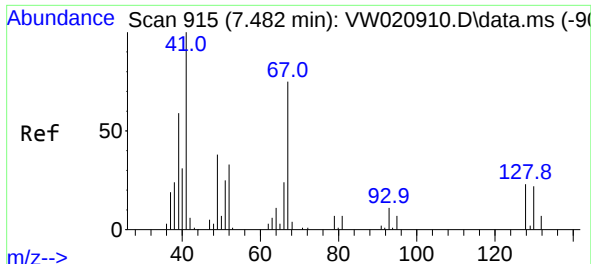
Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 78 Resp: 32829

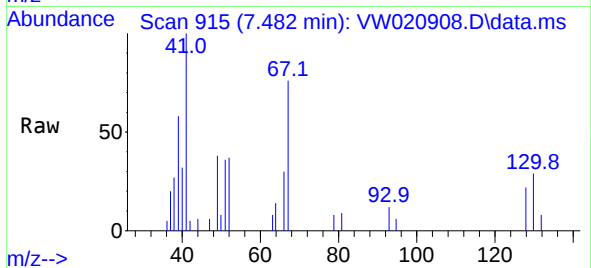
Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.0	30.0





#41
Methacrylonitrile
Concen: 7.078 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

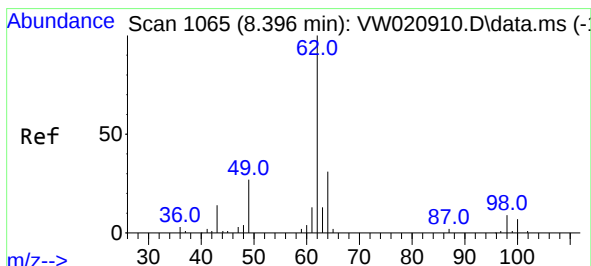
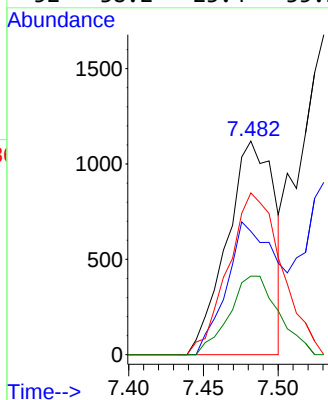
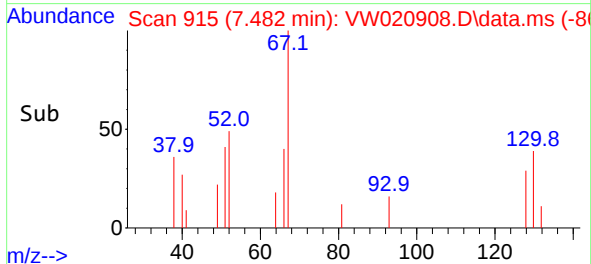


Tgt Ion: 41 Resp: 247

Ion	Ratio	Lower	Upper
41	100		
39	66.5	42.9	64.3
67	85.4	56.2	84.4
52	38.2	23.4	35.2

Manual Integrations
APPROVED

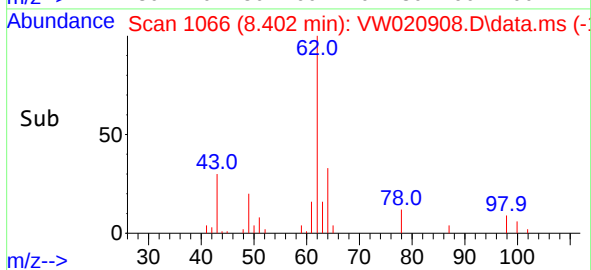
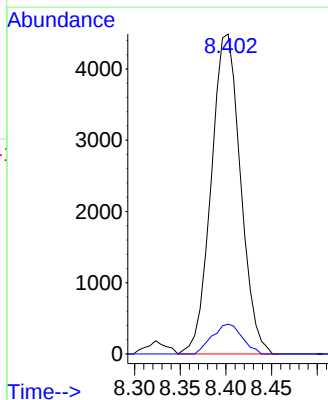
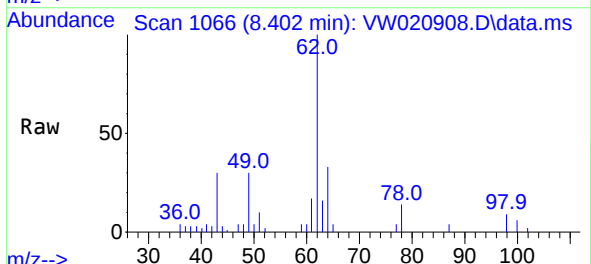
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

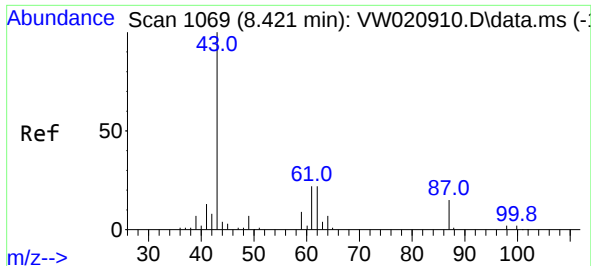


#42
1,2-Dichloroethane
Concen: 8.561 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 62 Resp: 10013

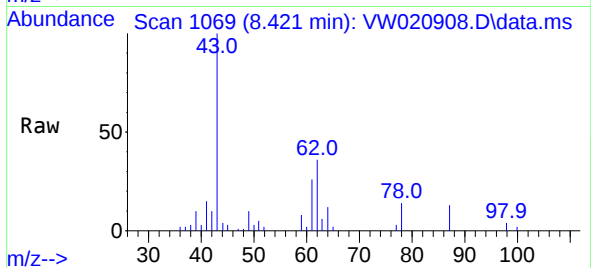
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43
Isopropyl Acetate
Concen: 8.980 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

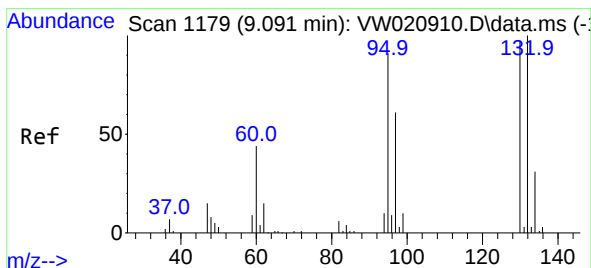
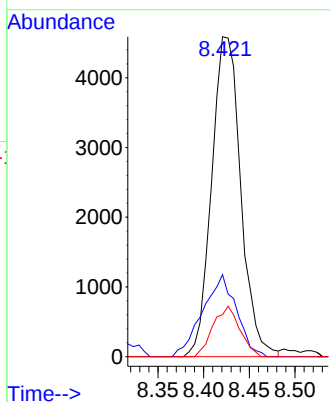
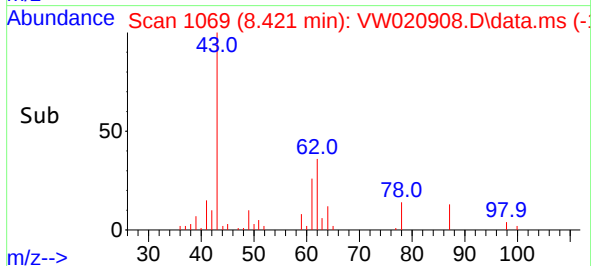
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 10179
Ion Ratio Lower Upper
43 100
61 29.7 23.7 35.5
87 14.5 11.5 17.3

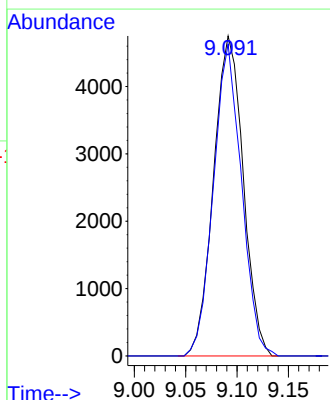
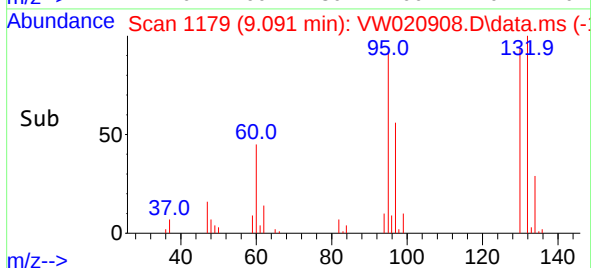
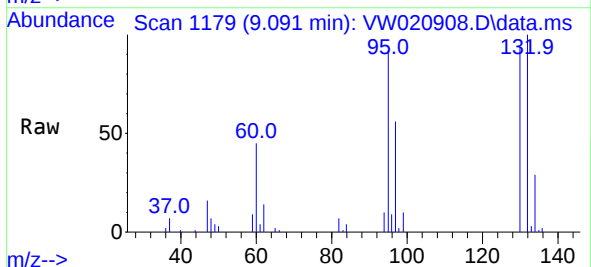
Manual Integrations
APPROVED

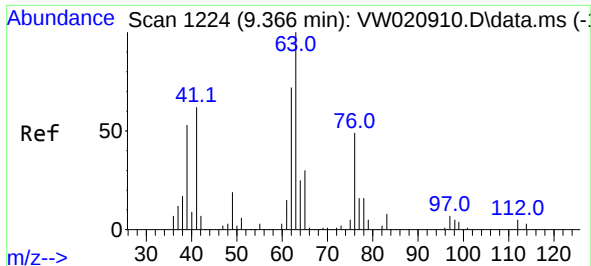
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 9.452 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:130 Resp: 9529
Ion Ratio Lower Upper
130 100
95 97.4 0.0 186.6





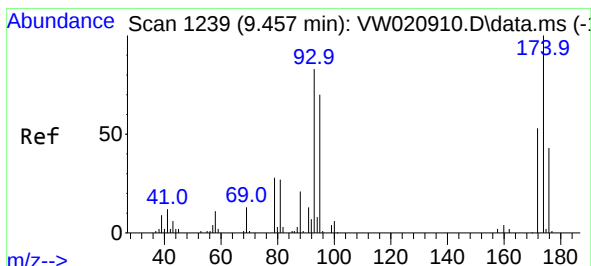
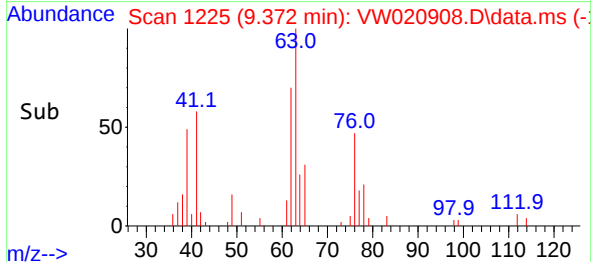
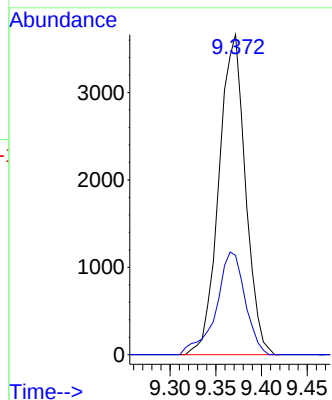
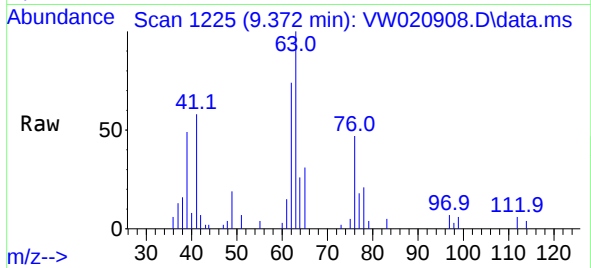
#45
1,2-Dichloropropane
Concen: 8.452 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 738
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.6

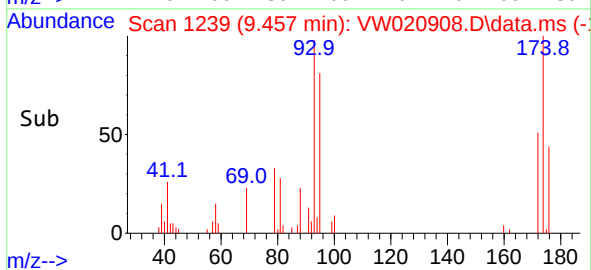
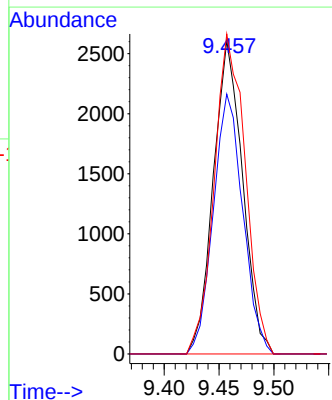
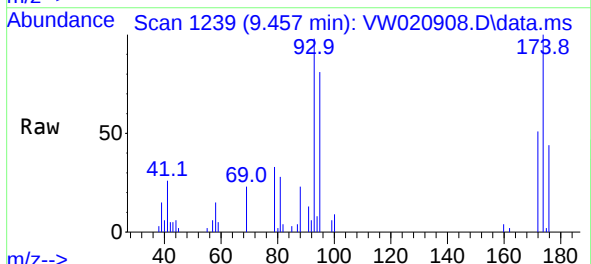
Manual Integrations
APPROVED

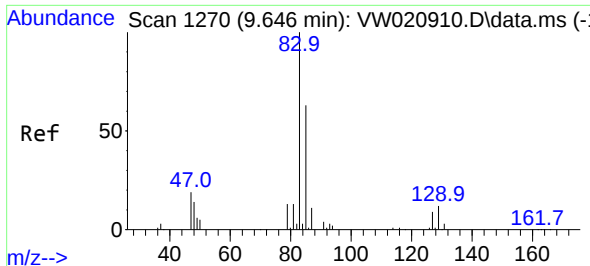
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#46
Dibromomethane
Concen: 9.687 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 93 Resp: 4824
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 108.4 91.1 136.7





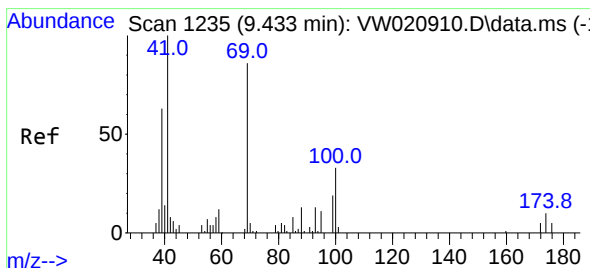
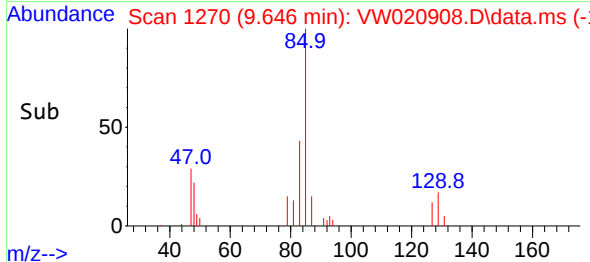
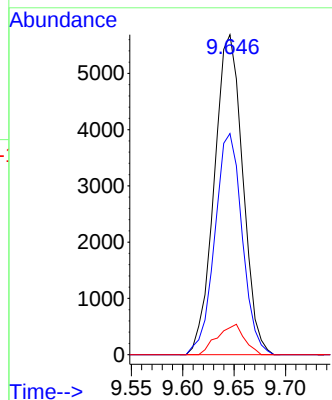
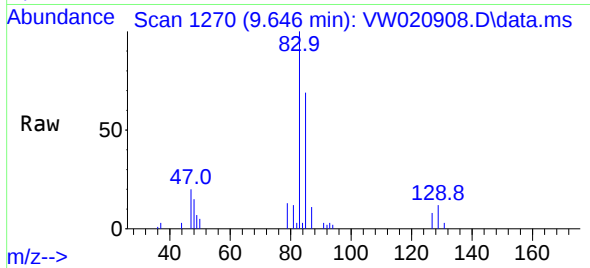
#47
Bromodichloromethane
Concen: 8.945 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 1095
Ion Ratio Lower Upper
83 100
85 69.1 50.3 75.5
127 8.4 7.1 10.7

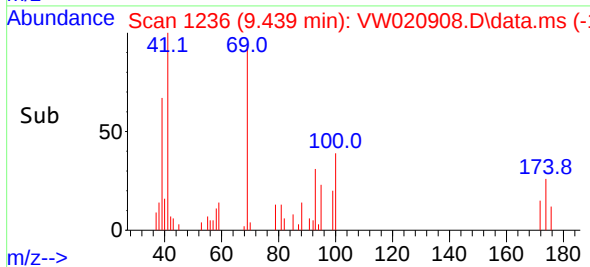
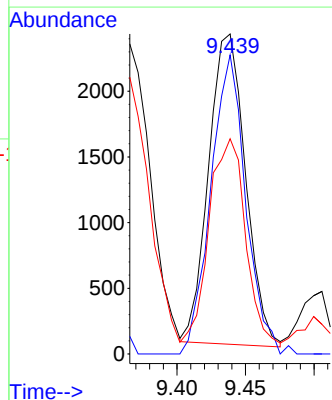
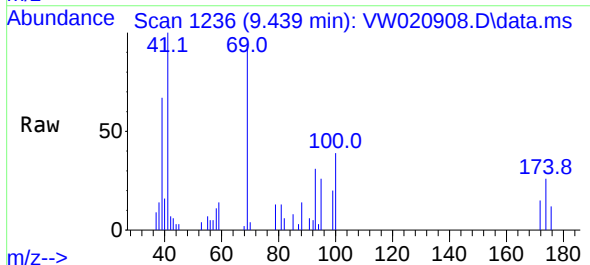
Manual Integrations
APPROVED

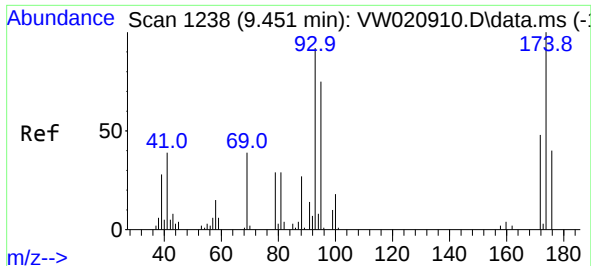
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 8.202 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 41 Resp: 4416
Ion Ratio Lower Upper
41 100
69 91.5 72.9 109.3
39 65.9 54.2 81.4





#49

1,4-Dioxane

Concen: 200.150 ug/l

RT: 9.457 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

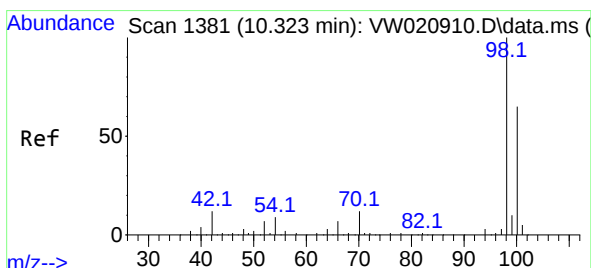
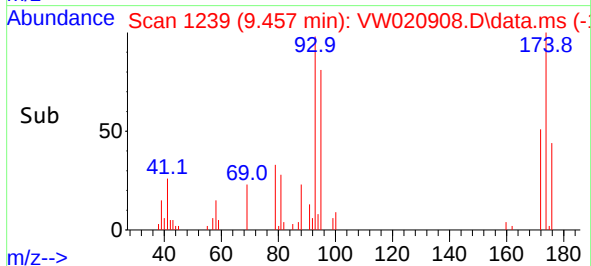
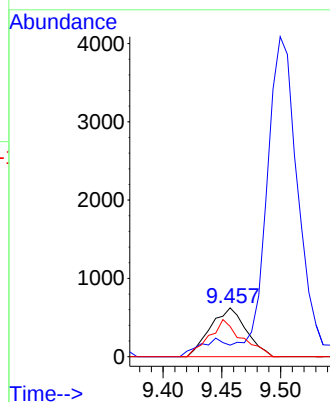
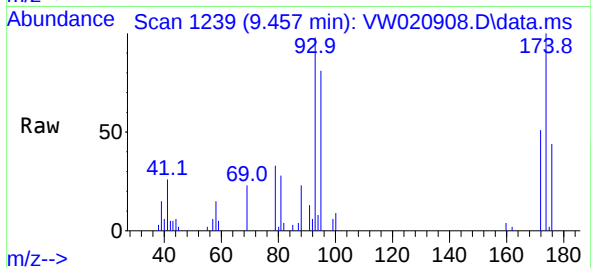
Tgt Ion: 88 Resp: 132

Ion	Ratio	Lower	Upper
88	100		
43	29.2	26.6	39.8
58	69.7	51.8	77.8

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 8.830 ug/l

RT: 10.323 min Scan# 1381

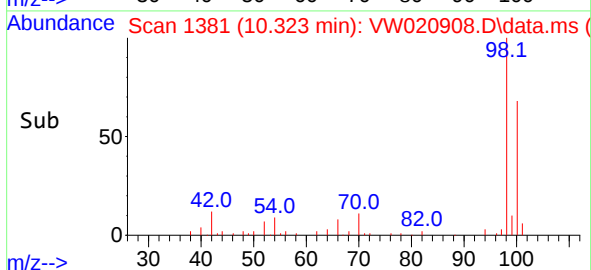
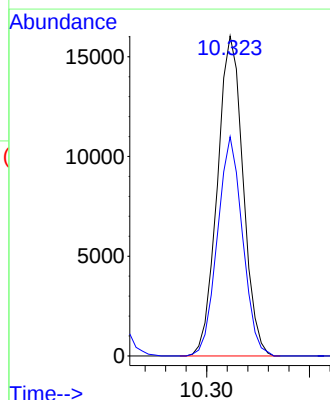
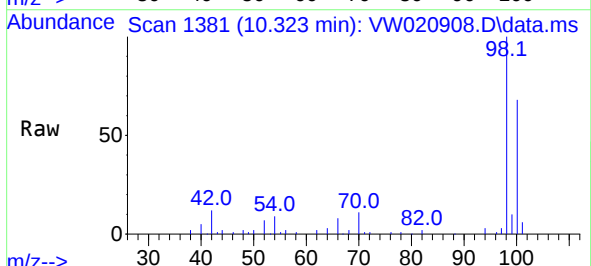
Delta R.T. -0.000 min

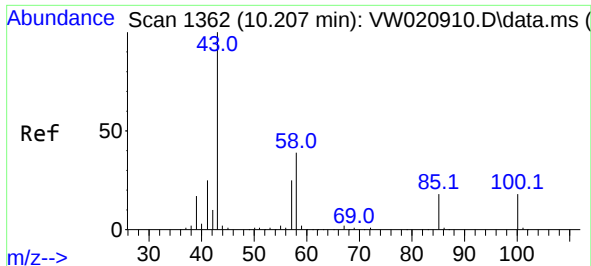
Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 98 Resp: 27865

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.6	79.0





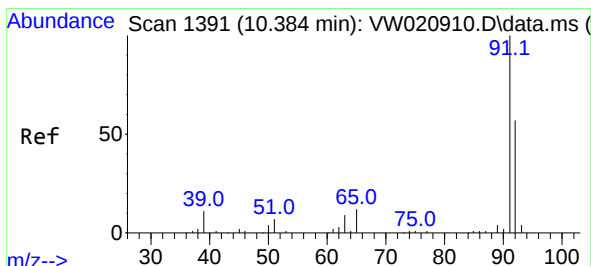
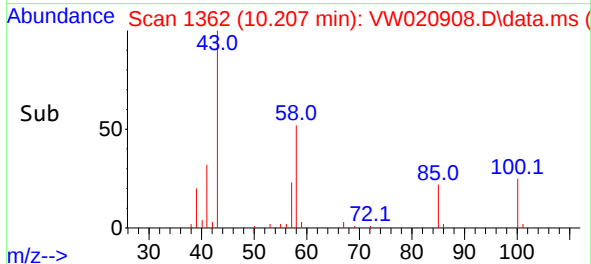
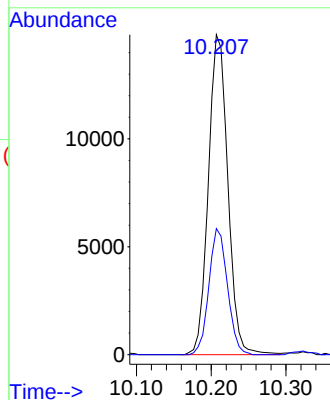
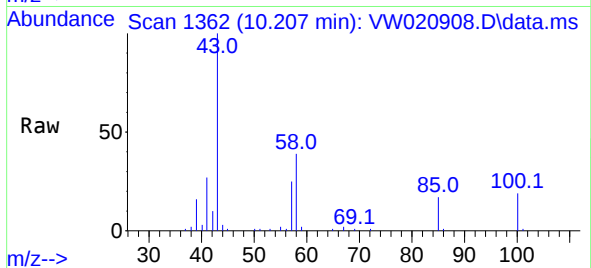
#51
4-Methyl-2-Pentanone
Concen: 44.431 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 2689
Ion Ratio Lower Upper
43 100
58 37.5 30.9 46.3

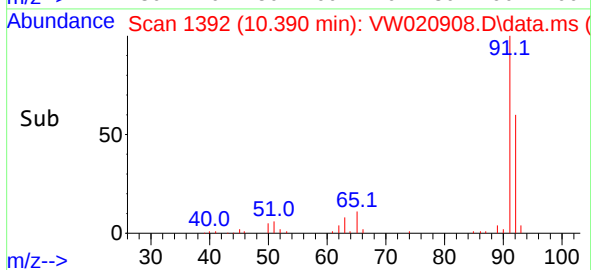
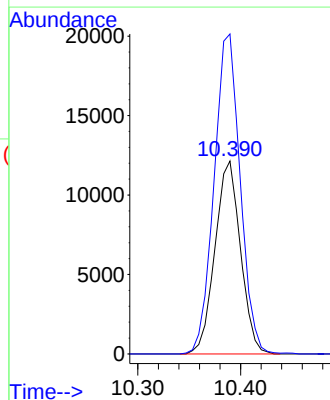
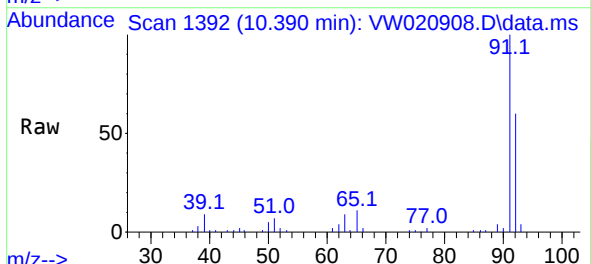
Manual Integrations
APPROVED

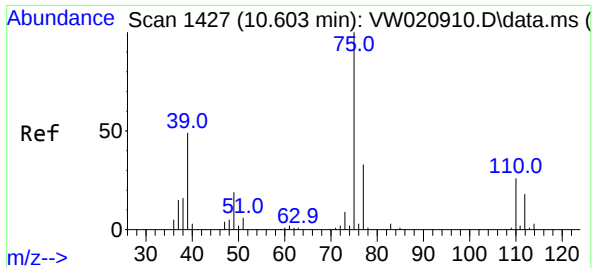
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 9.057 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 92 Resp: 20891
Ion Ratio Lower Upper
92 100
91 170.3 137.1 205.7





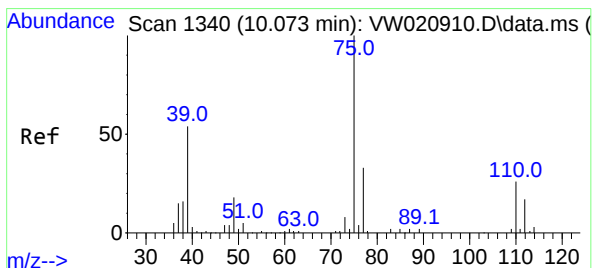
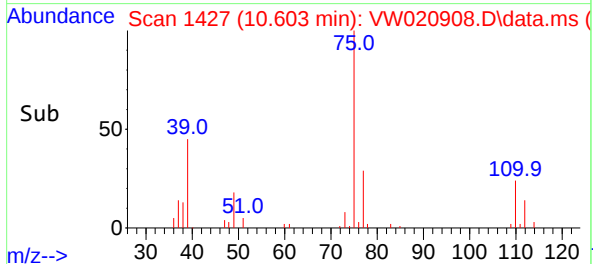
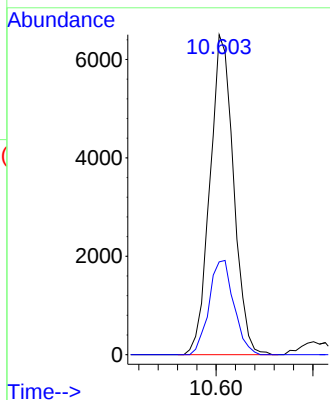
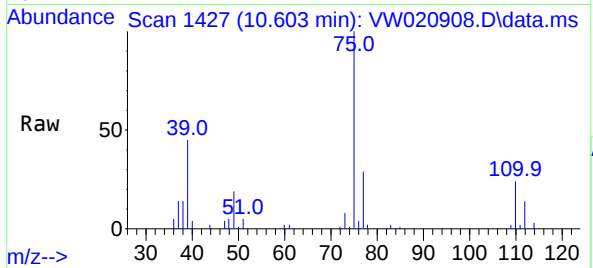
#53
t-1,3-Dichloropropene
Concen: 8.898 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
77 29.0 26.1 39.1

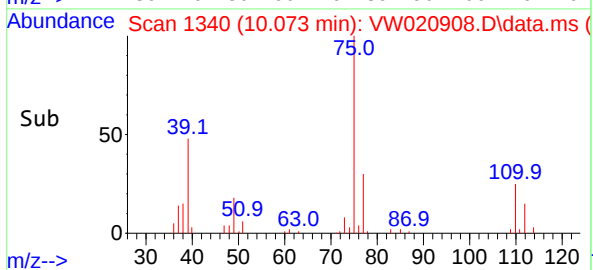
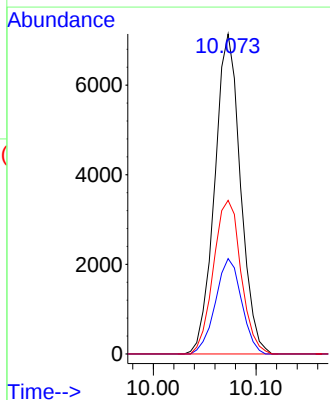
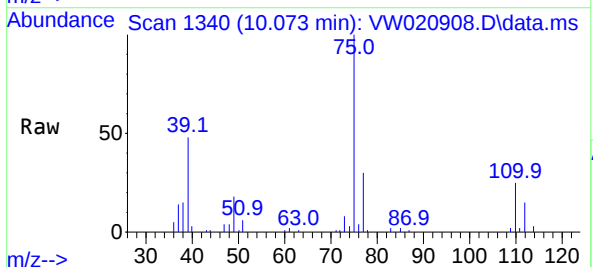
Manual Integrations
APPROVED

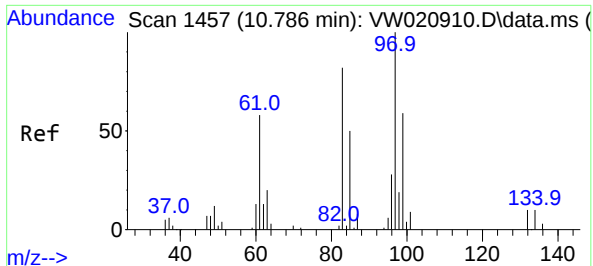
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 8.869 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 75 Resp: 12442
Ion Ratio Lower Upper
75 100
77 29.8 26.2 39.4
39 48.0 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 9.356 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

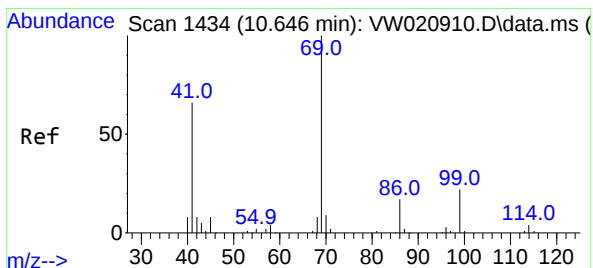
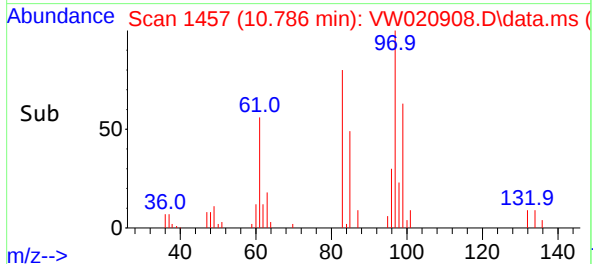
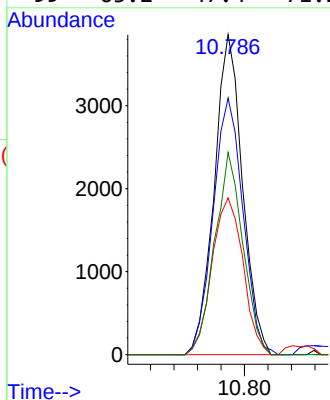
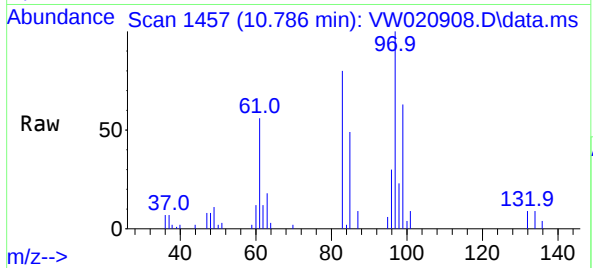
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 645

Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.4	98.2
85	49.0	39.9	59.9
99	63.2	47.4	71.2

Manual Integrations
APPROVED

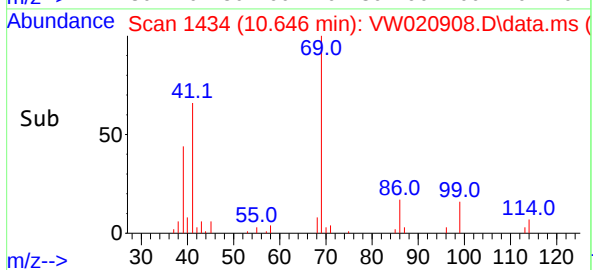
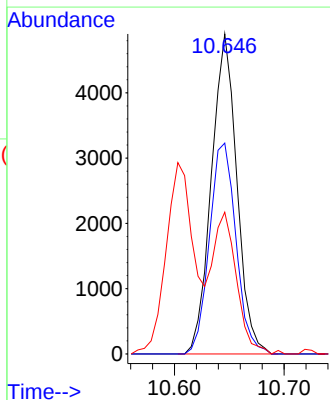
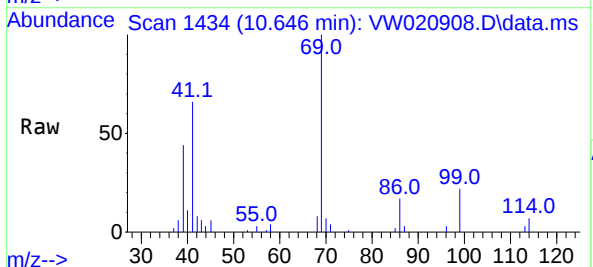
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

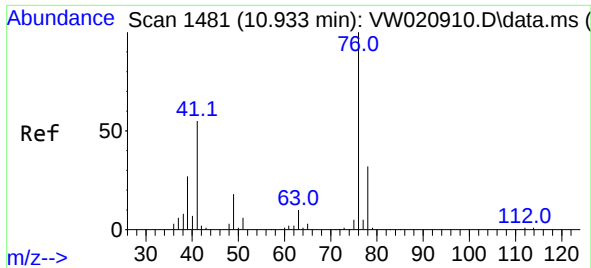


#56
Ethyl methacrylate
Concen: 9.079 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 69 Resp: 7922

Ion	Ratio	Lower	Upper
69	100		
41	68.7	52.9	79.3
39	41.6	33.7	50.5





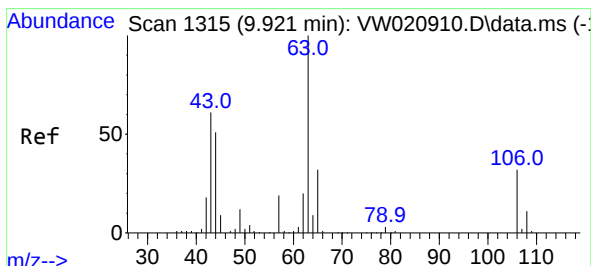
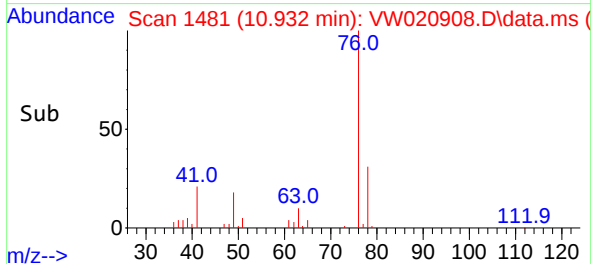
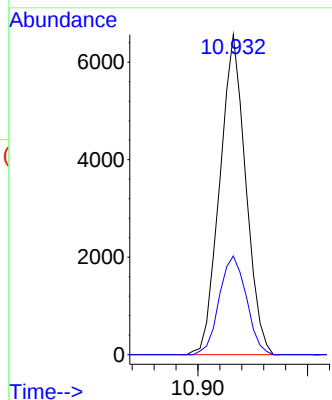
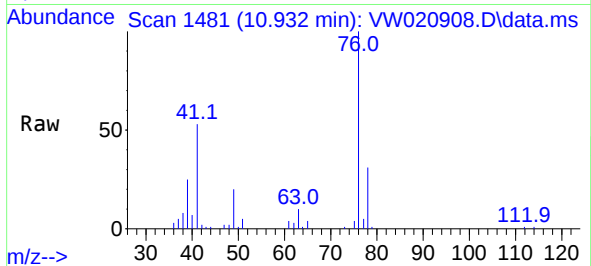
#57
1,3-Dichloropropane
Concen: 9.070 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 10774
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

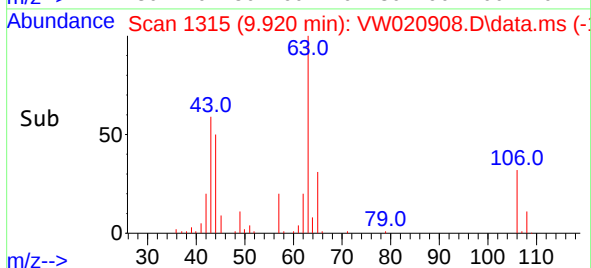
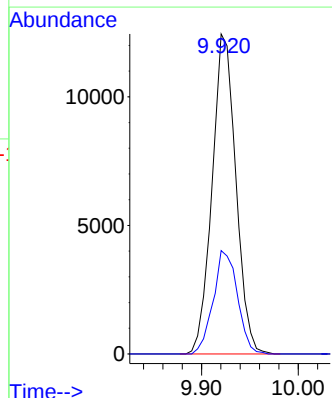
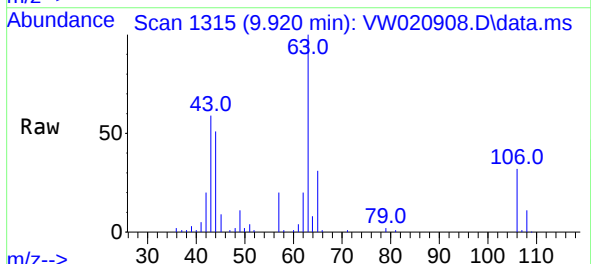
Manual Integrations
APPROVED

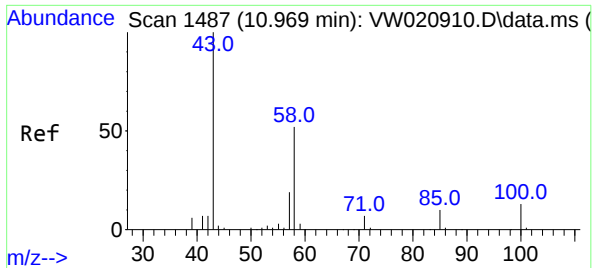
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 53.112 ug/l
RT: 9.920 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 63 Resp: 21228
Ion Ratio Lower Upper
63 100
106 32.9 26.3 39.5





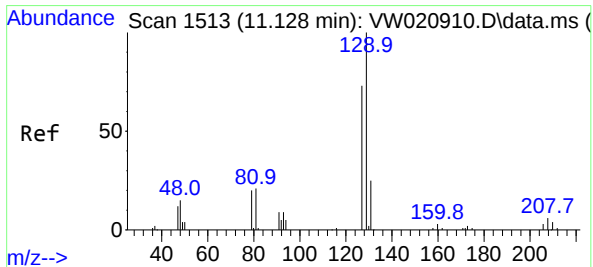
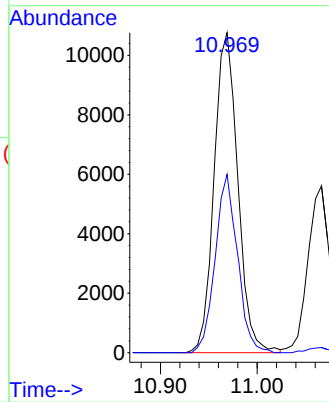
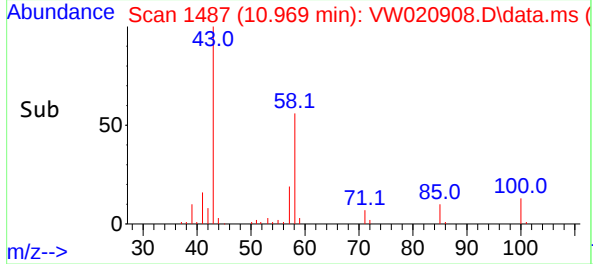
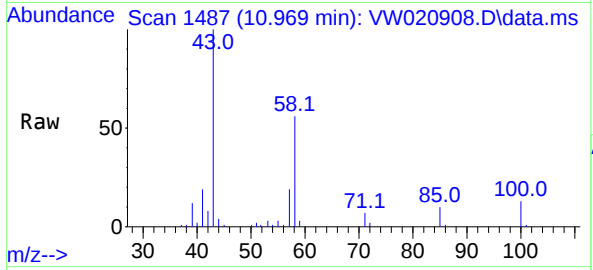
#59
2-Hexanone
Concen: 42.902 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 18284
Ion Ratio Lower Upper
43 100
58 52.5 26.7 80.0

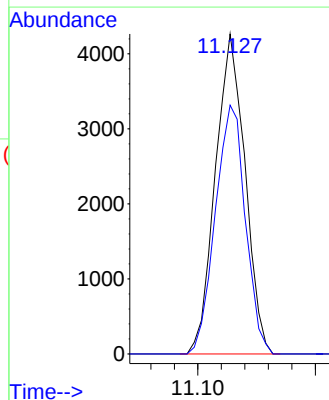
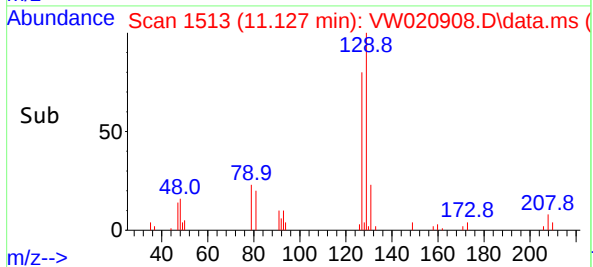
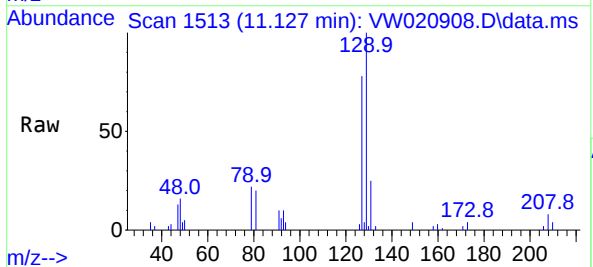
Manual Integrations
APPROVED

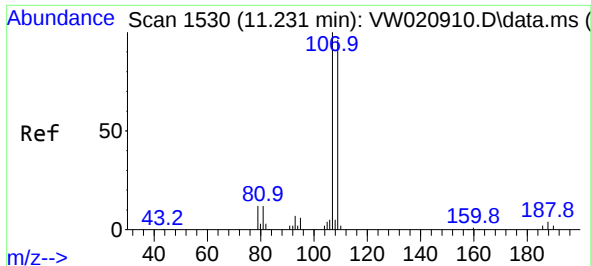
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 9.053 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:129 Resp: 7470
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.1





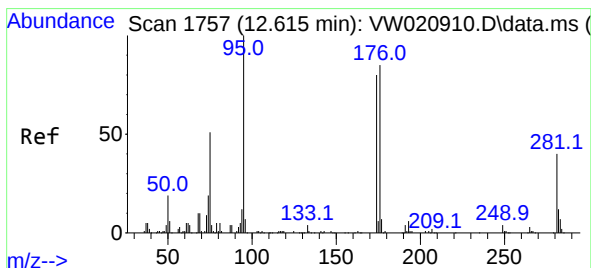
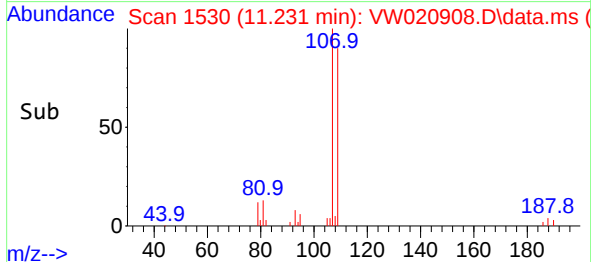
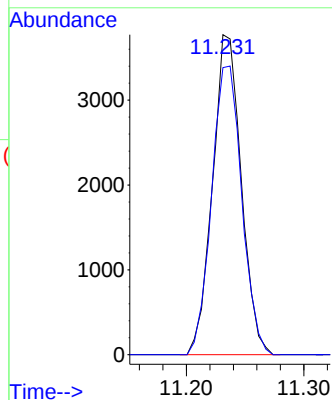
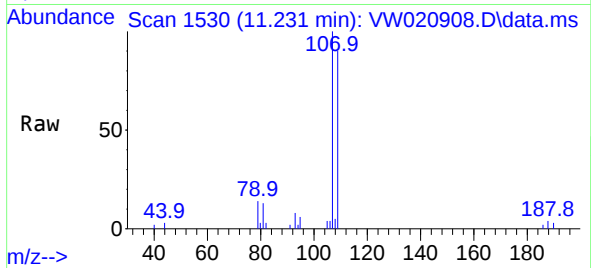
#61
1,2-Dibromoethane
Concen: 9.504 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:107 Resp: 6399
Ion Ratio Lower Upper
107 100
109 94.9 74.1 111.1

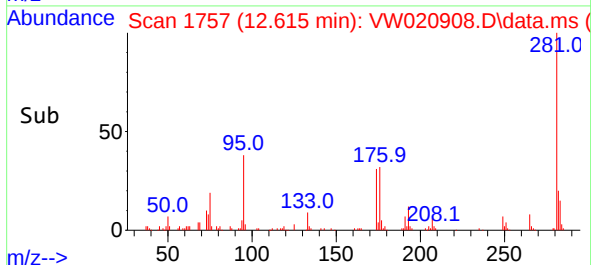
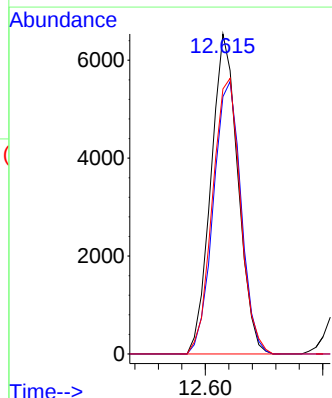
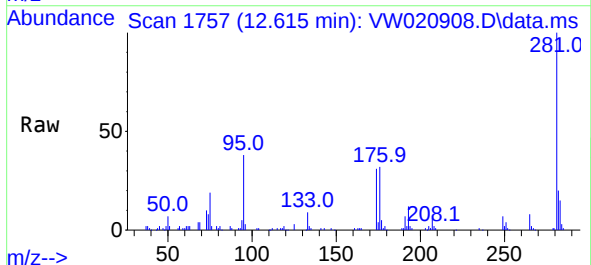
Manual Integrations
APPROVED

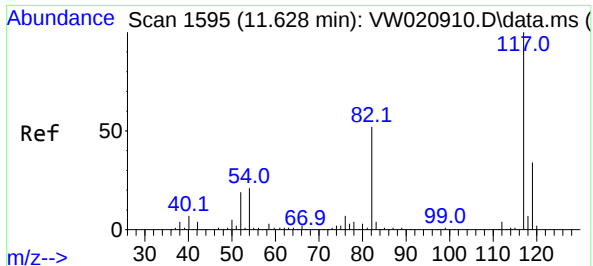
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 9.043 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

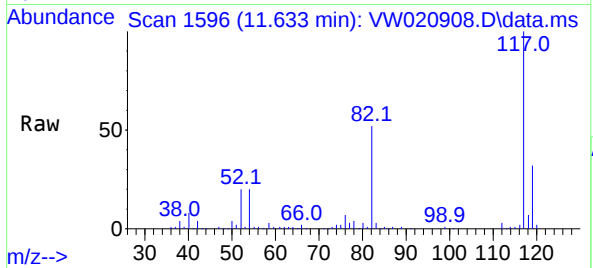
Tgt Ion: 95 Resp: 10447
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.2
176 89.1 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 11596
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

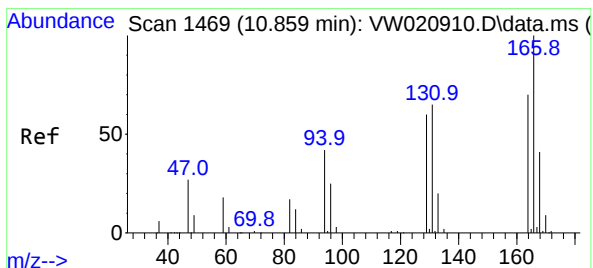
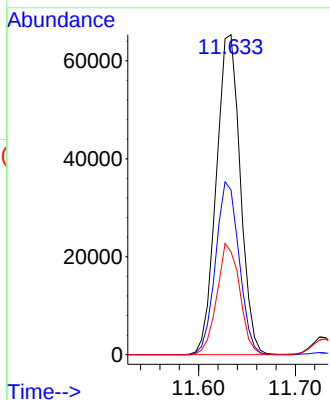
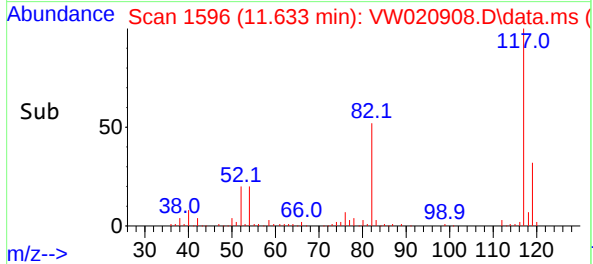
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



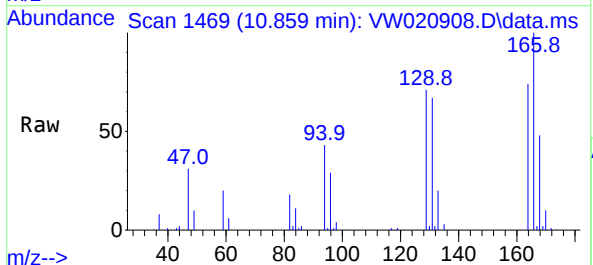
Tgt Ion:117 Resp: 112549
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 32.1 27.2 40.8

Manual Integrations
APPROVED

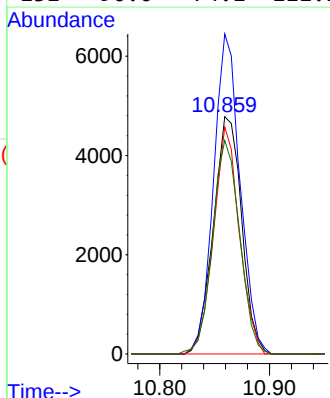
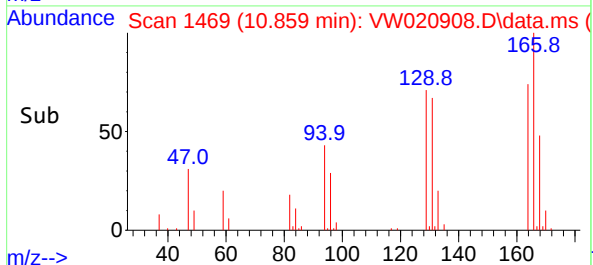
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

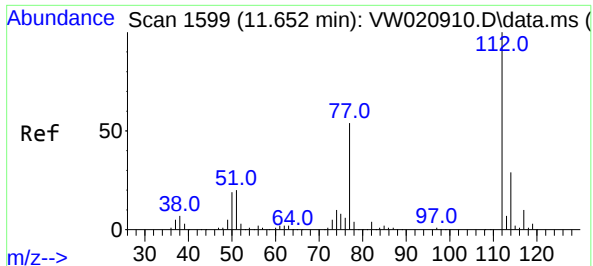


#64
Tetrachloroethene
Concen: 9.729 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion:164 Resp: 8562
Ion Ratio Lower Upper
164 100
166 134.8 114.4 171.6
129 95.7 68.3 102.5
131 90.0 74.1 111.1





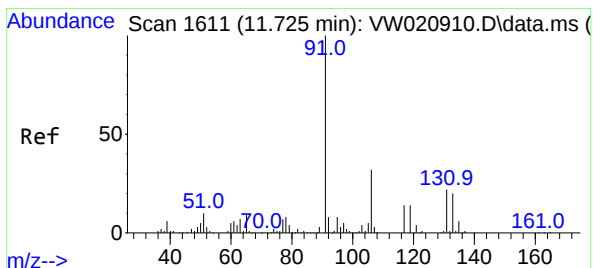
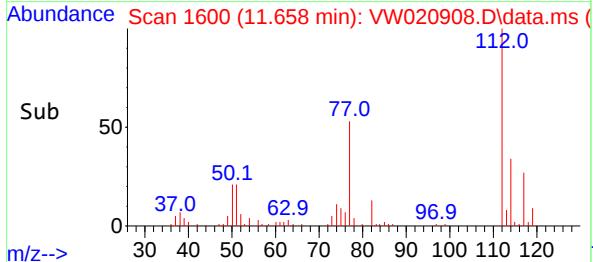
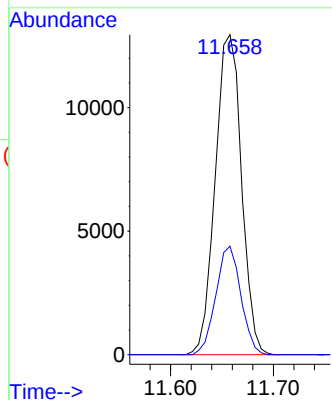
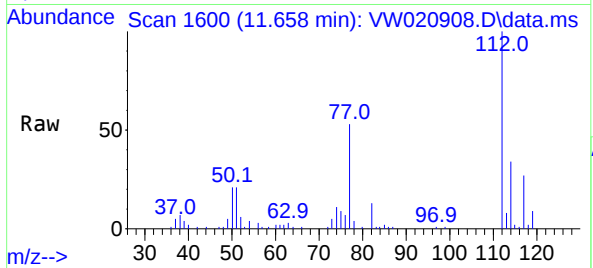
#65
Chlorobenzene
Concen: 9.465 ug/l
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 22960
Ion Ratio Lower Upper
112 100
114 33.9 23.0 34.6

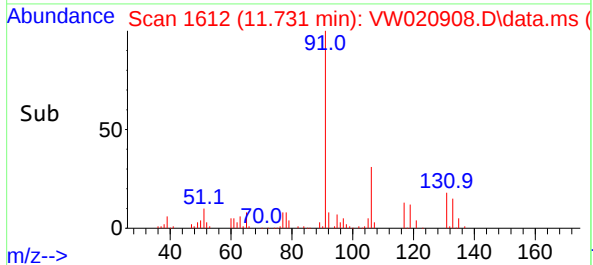
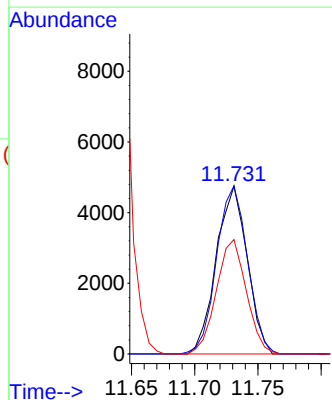
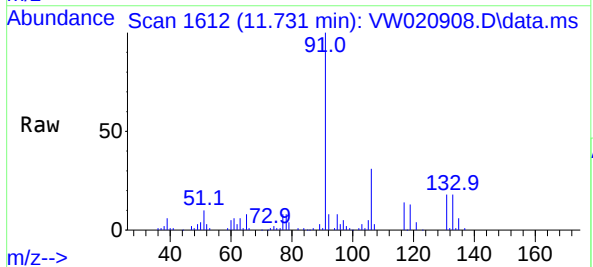
Manual Integrations
APPROVED

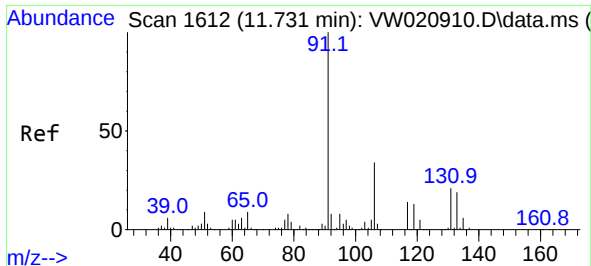
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 9.146 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:131 Resp: 8062
Ion Ratio Lower Upper
131 100
133 100.4 46.6 139.7
119 66.1 32.2 96.6





#67

Ethyl Benzene

Concen: 9.456 ug/l

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 4098

Ion Ratio Lower Upper

91 100

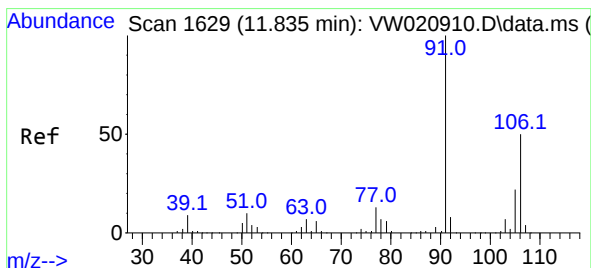
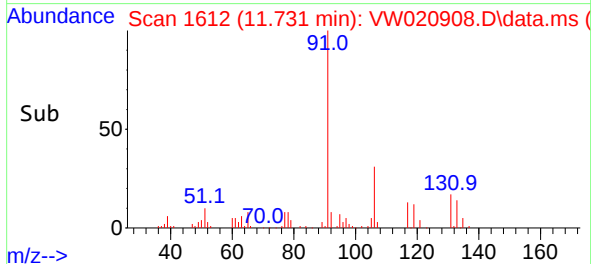
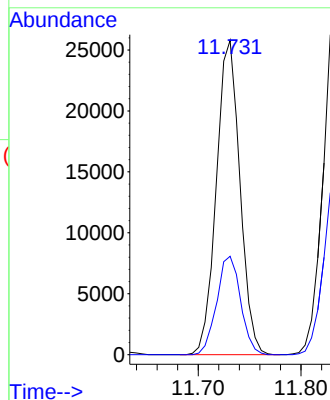
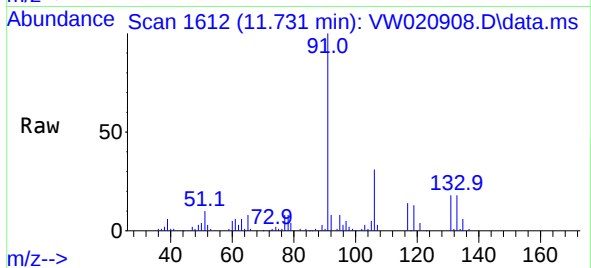
106 31.3 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 19.445 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW020908.D

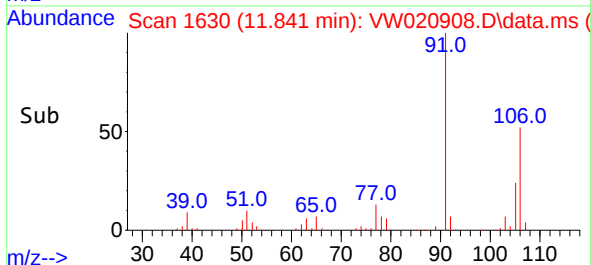
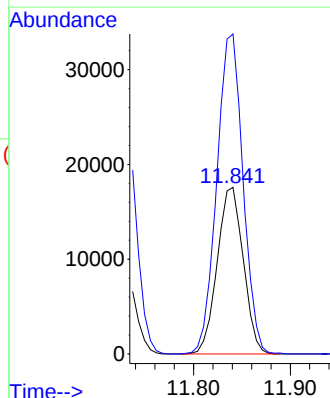
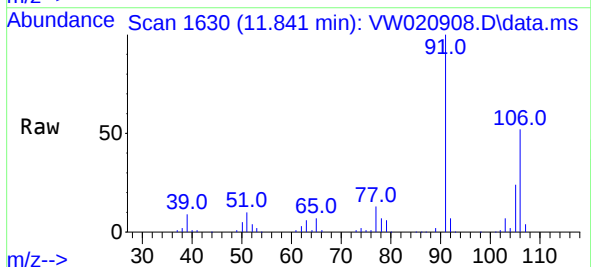
Acq: 17 Nov 2021 16:09

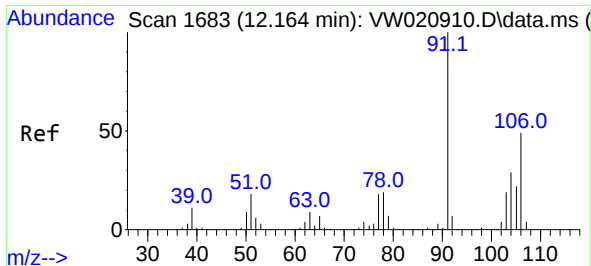
Tgt Ion:106 Resp: 32845

Ion Ratio Lower Upper

106 100

91 193.7 157.8 236.8





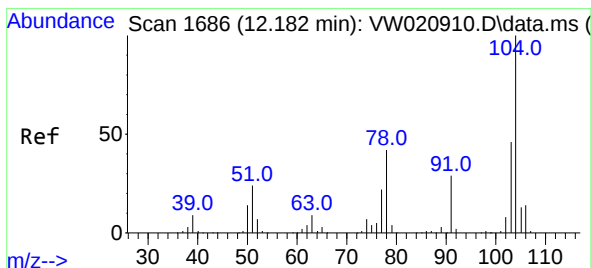
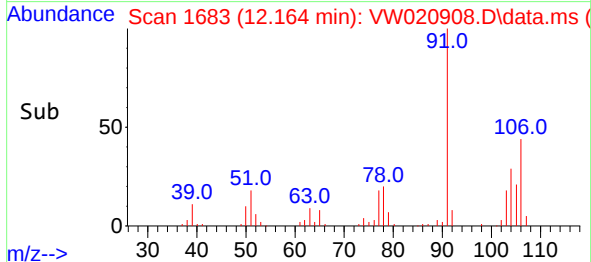
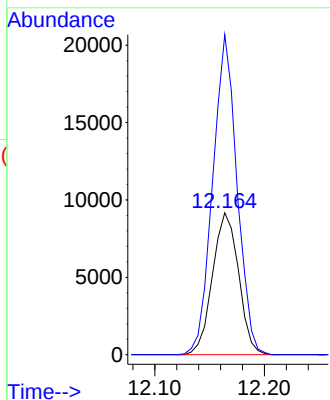
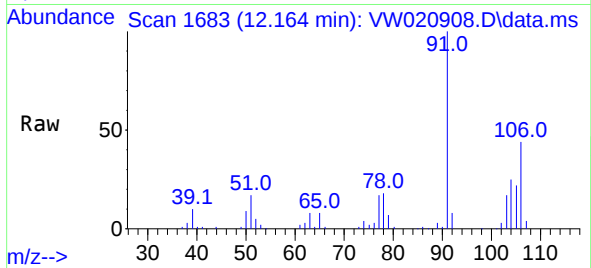
#69
o-Xylene
Concen: 9.677 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 1516
Ion Ratio Lower Upper
106 100
91 210.2 104.3 312.9

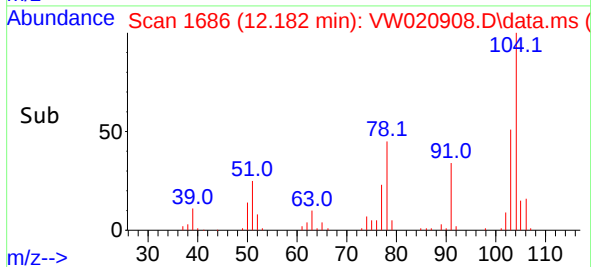
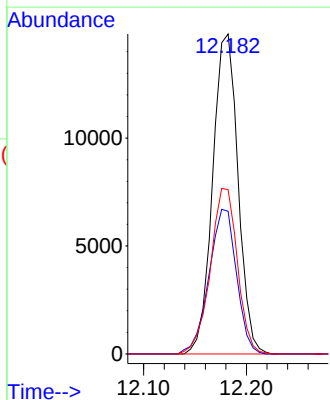
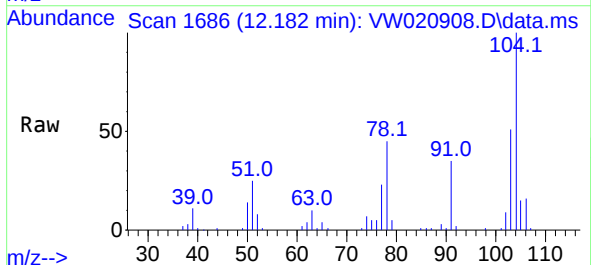
Manual Integrations
APPROVED

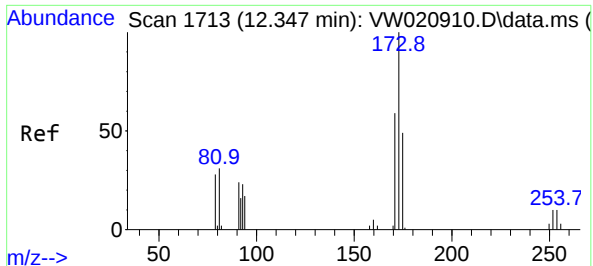
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 9.501 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:104 Resp: 25352
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 55.1 42.6 63.8





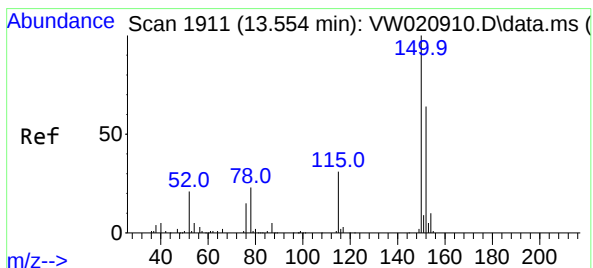
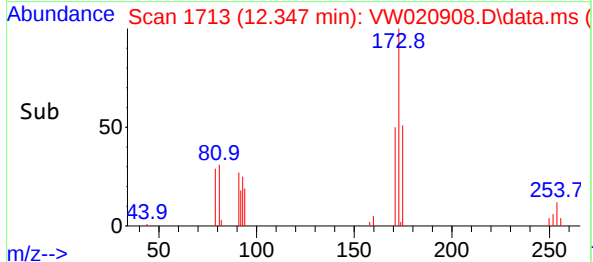
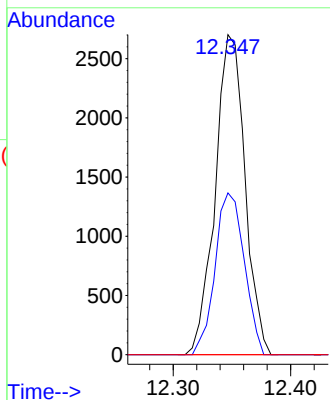
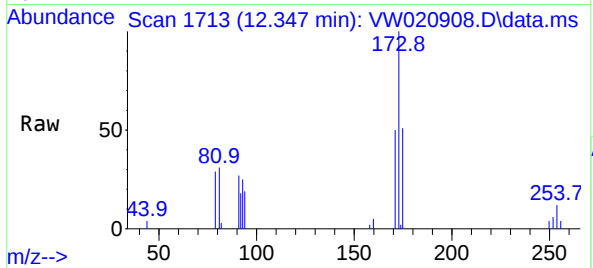
#71
Bromoform
Concen: 9.301 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:173 Resp: 476
Ion Ratio Lower Upper
173 100
175 49.5 25.1 75.3
254 0.0 0.0 0.0

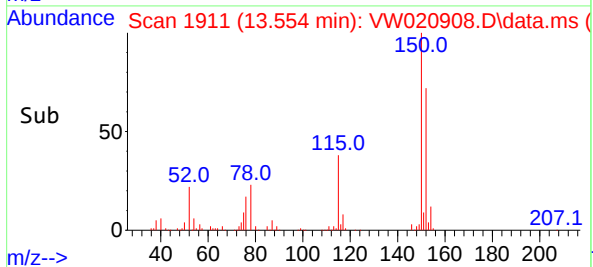
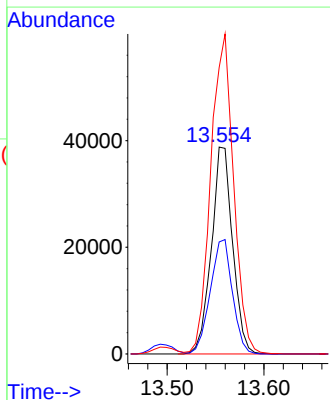
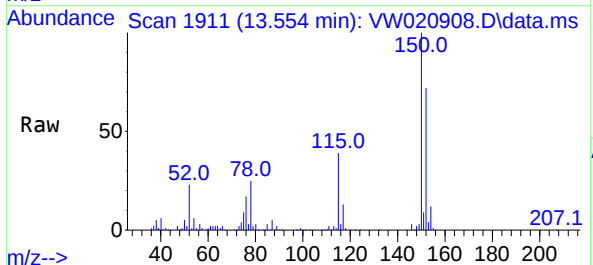
Manual Integrations
APPROVED

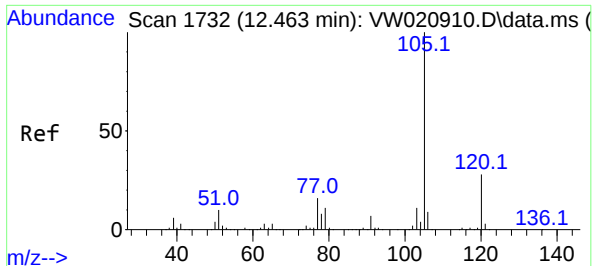
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:152 Resp: 59084
Ion Ratio Lower Upper
152 100
115 57.7 27.8 83.3
150 166.3 0.0 348.4





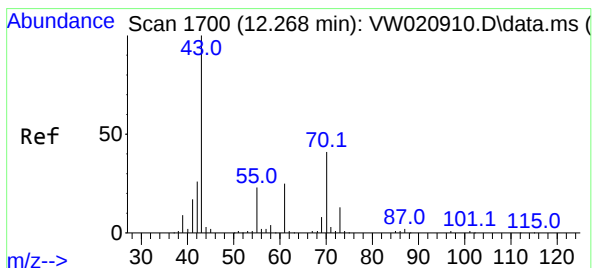
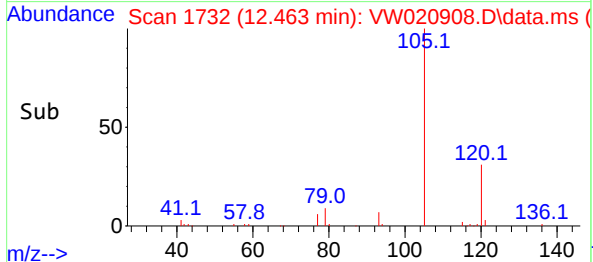
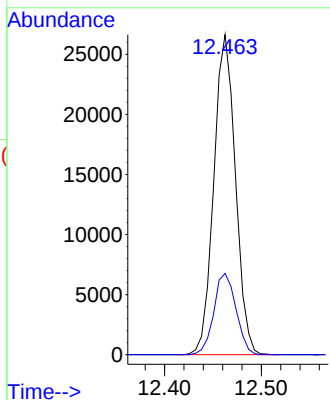
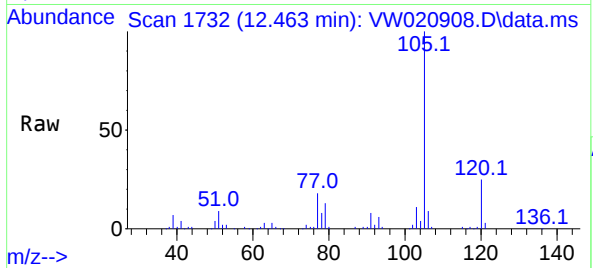
#73
Isopropylbenzene
Concen: 9.834 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 41290
Ion Ratio Lower Upper
105 100
120 26.0 13.9 41.7

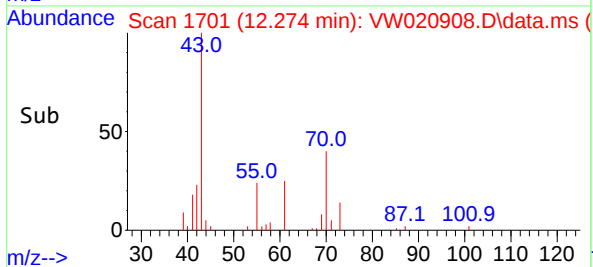
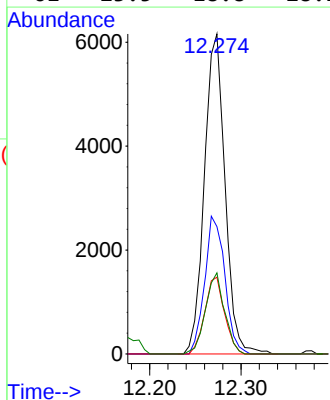
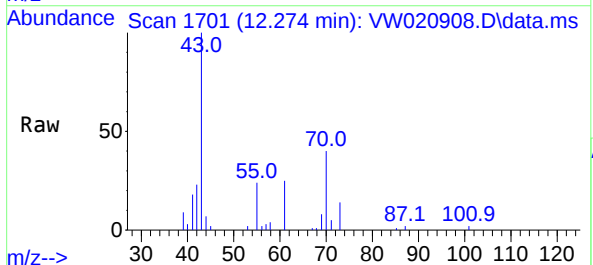
Manual Integrations
APPROVED

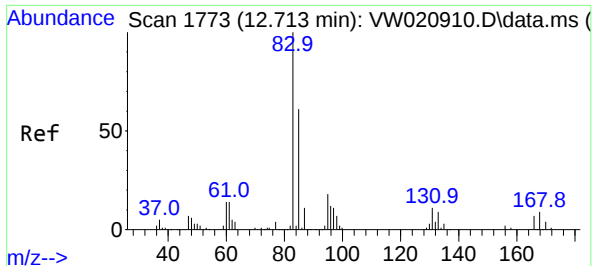
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 9.608 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

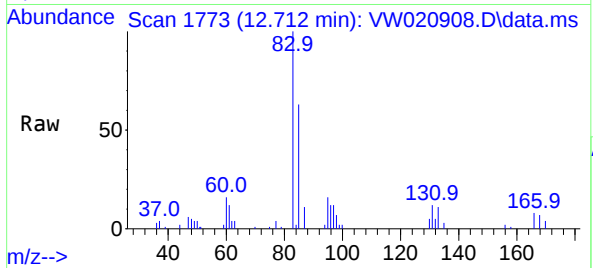
Tgt Ion: 43 Resp: 9663
Ion Ratio Lower Upper
43 100
70 42.0 33.7 50.5
55 23.0 18.5 27.7
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 9.837 ug/l
RT: 12.712 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

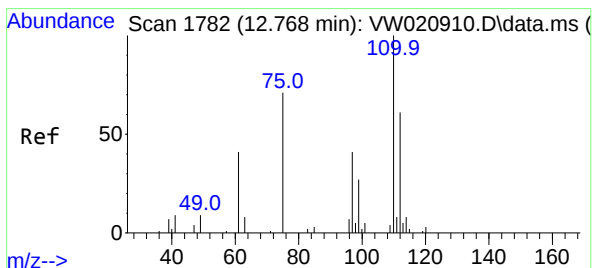
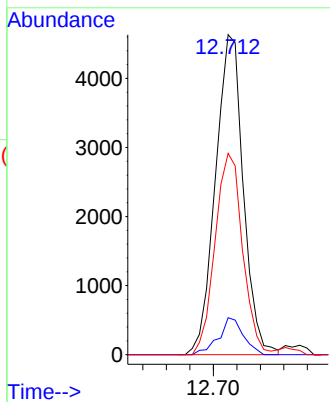
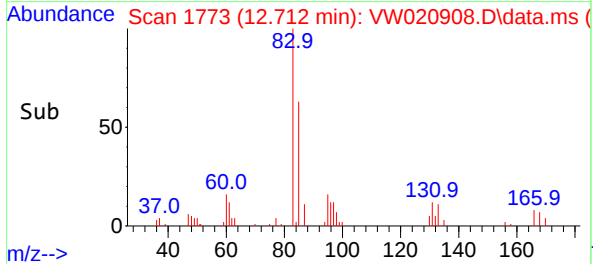
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



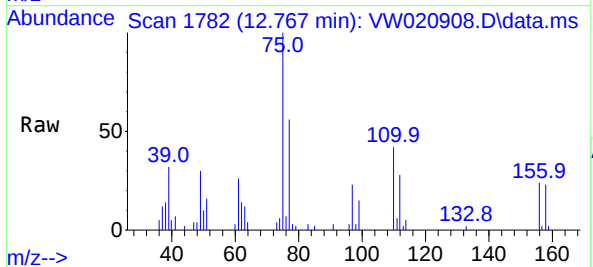
Tgt Ion: 83 Resp: 764
Ion Ratio Lower Upper
83 100
131 10.3 5.9 17.6
85 62.1 32.0 96.0

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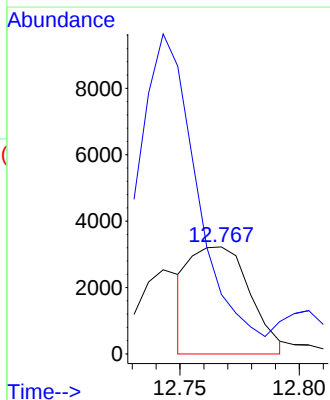
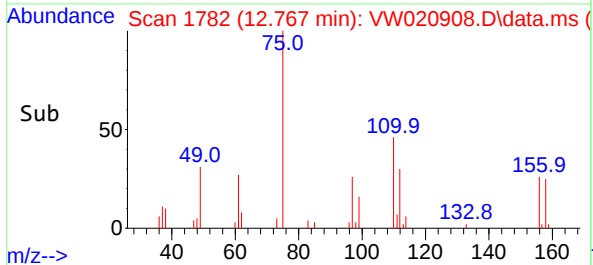
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

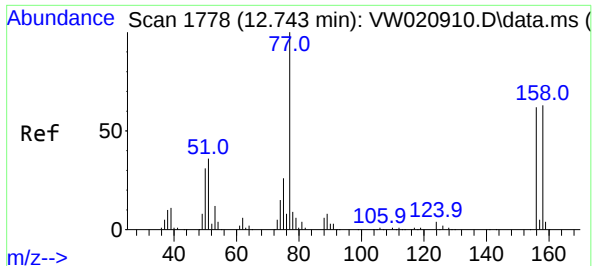


#76
1,2,3-Trichloropropane
Concen: 8.924 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 75 Resp: 5634
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





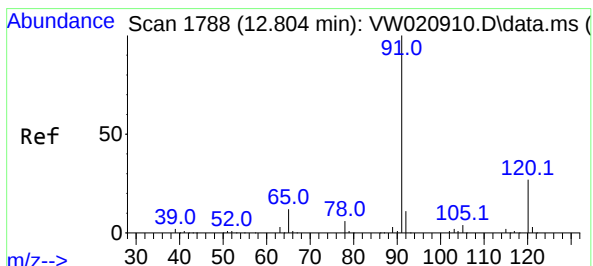
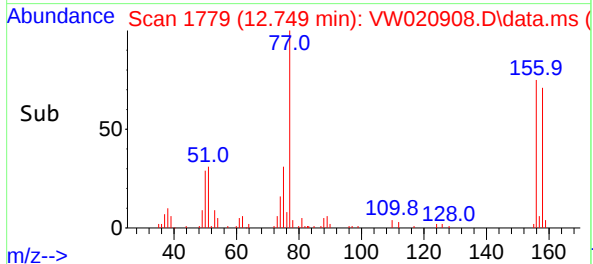
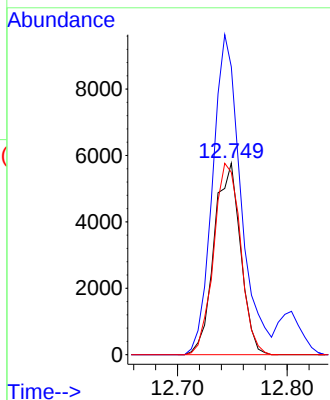
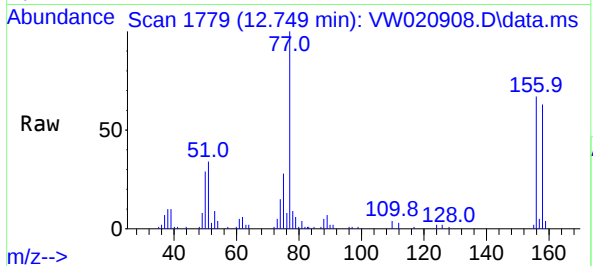
#77
Bromobenzene
Concen: 9.557 ug/l
RT: 12.749 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 965
Ion Ratio Lower Upper
156 100
77 179.0 87.0 261.0
158 101.9 49.8 149.4

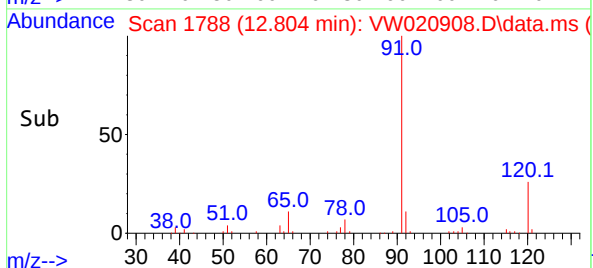
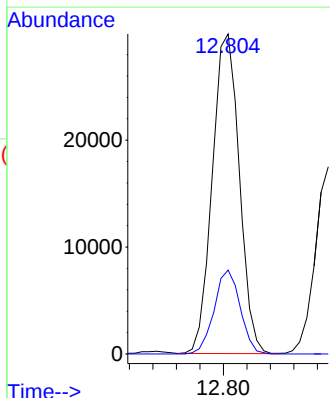
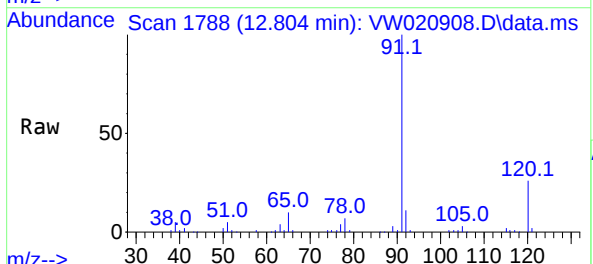
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APPROVED

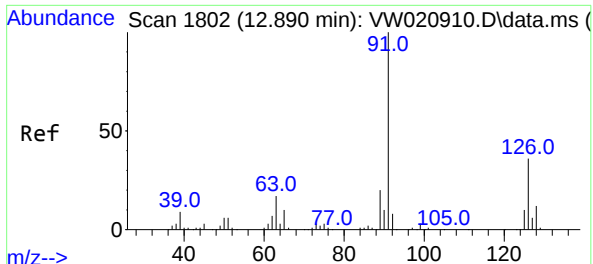
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 9.309 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 91 Resp: 47712
Ion Ratio Lower Upper
91 100
120 25.2 12.4 37.4





#79

2-Chlorotoluene

Concen: 9.518 ug/l

RT: 12.889 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 2819

Ion Ratio Lower Upper

91 100

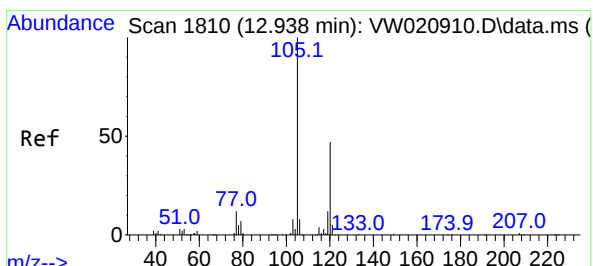
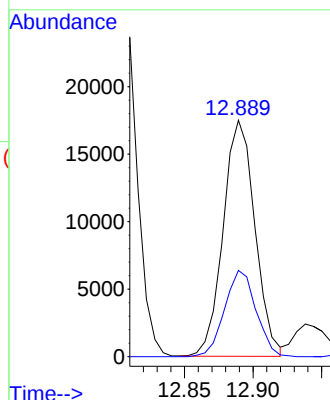
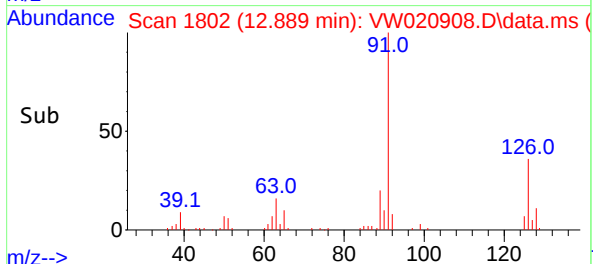
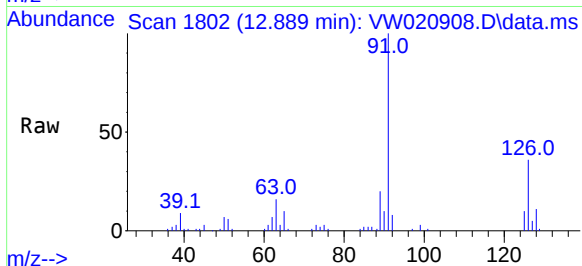
126 36.1 18.0 54.0

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: 9.690 ug/l

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW020908.D

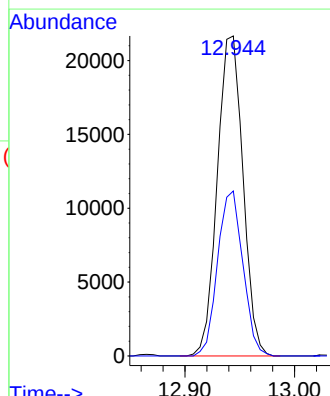
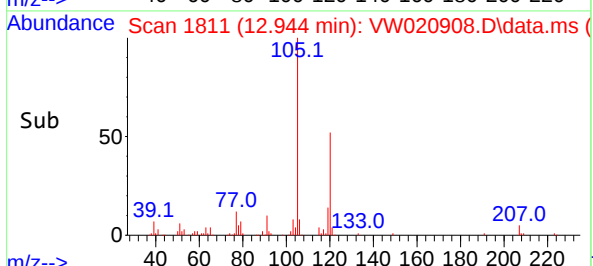
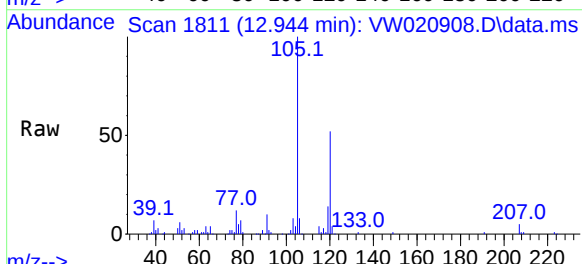
Acq: 17 Nov 2021 16:09

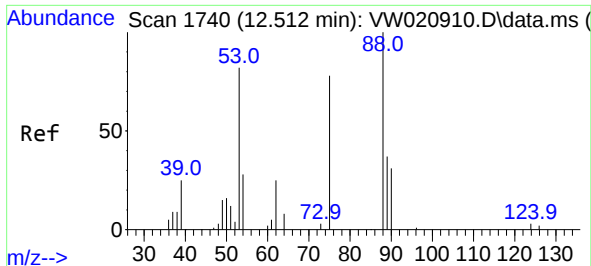
Tgt Ion:105 Resp: 35265

Ion Ratio Lower Upper

105 100

120 50.7 24.7 74.1





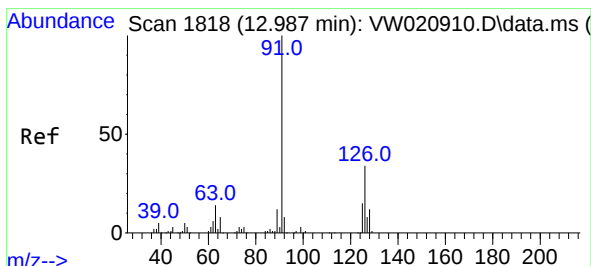
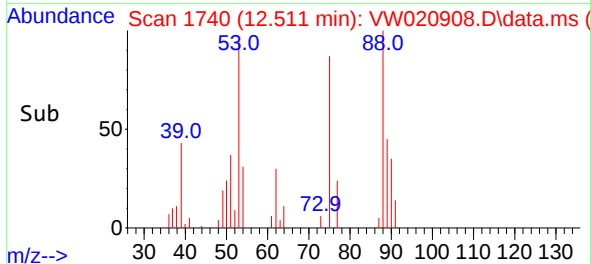
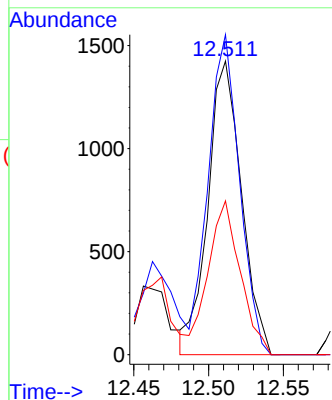
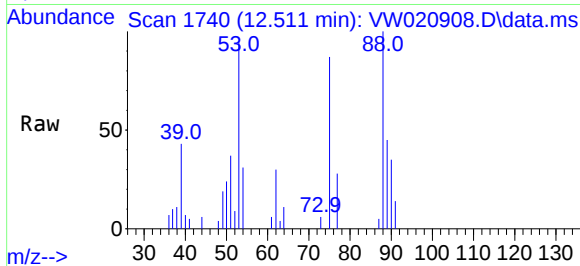
#81
trans-1,4-Dichloro-2-butene
Concen: 9.036 ug/l
RT: 12.511 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 2224
Ion Ratio Lower Upper
75 100
53 101.1 81.8 122.8
89 49.6 38.6 57.8

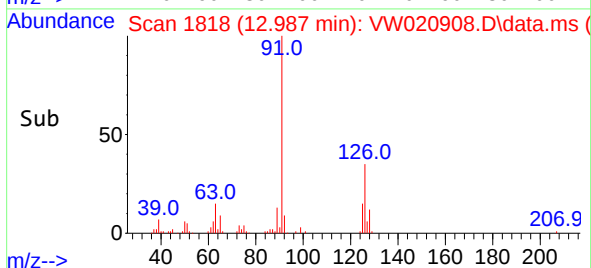
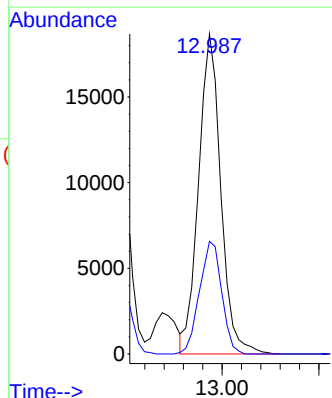
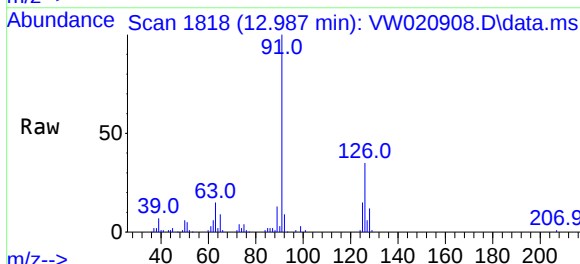
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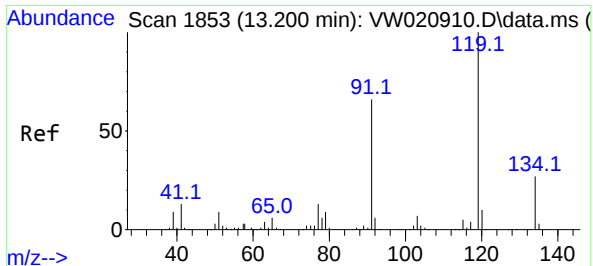
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 9.555 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 91 Resp: 29822
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





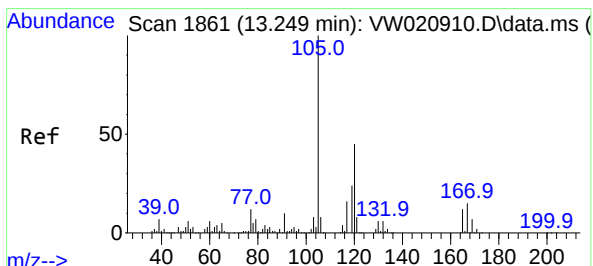
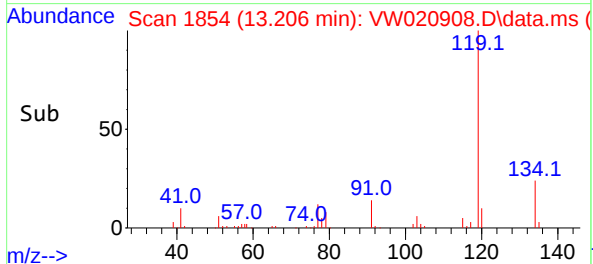
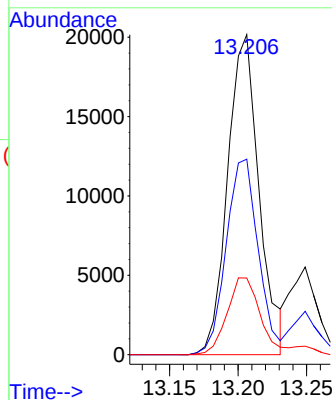
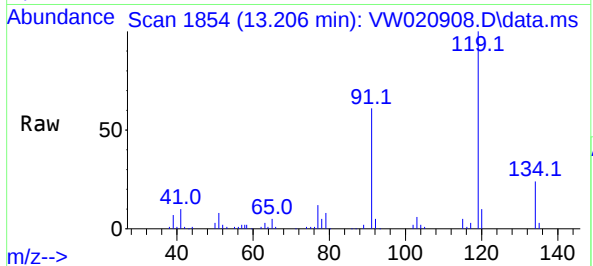
#83
tert-Butylbenzene
Concen: 10.260 ug/l
RT: 13.206 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 3225
Ion Ratio Lower Upper
119 100
91 62.3 32.6 97.8
134 25.4 13.2 39.5

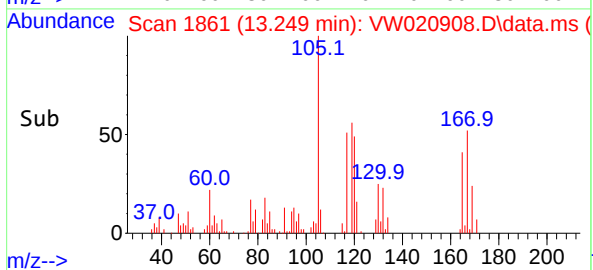
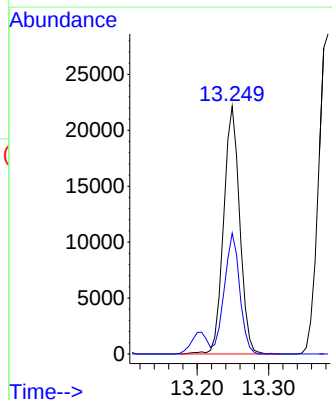
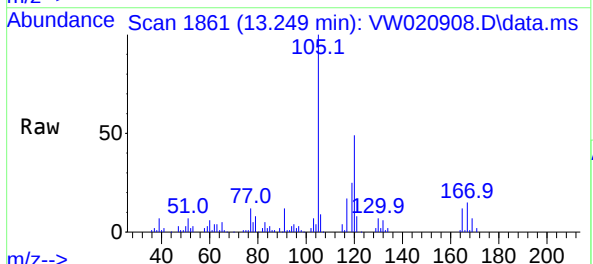
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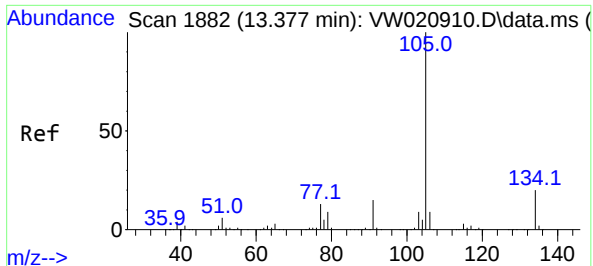
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 9.576 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:105 Resp: 34556
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1





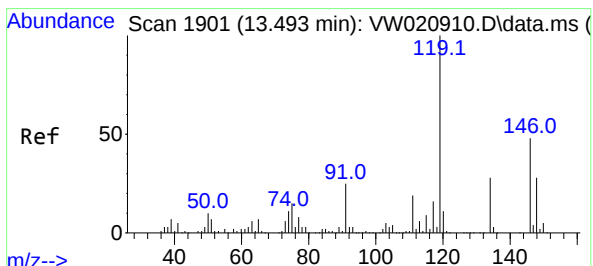
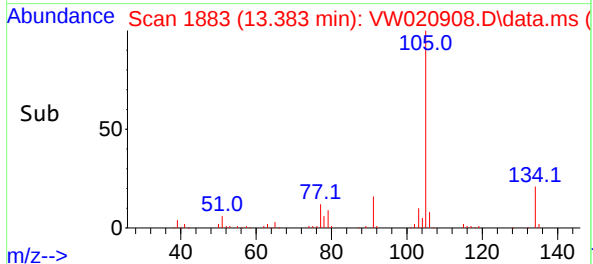
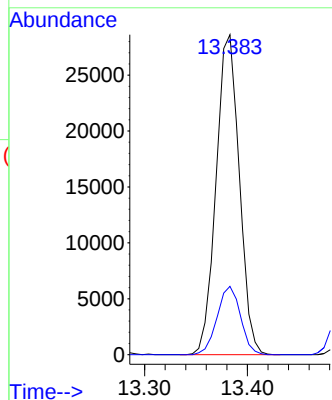
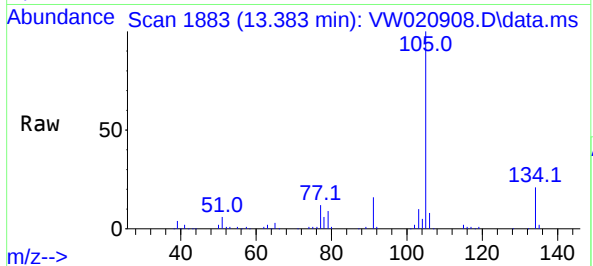
#85
 sec-Butylbenzene
 Concen: 9.542 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VW020908.D
 Acq: 17 Nov 2021 16:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 4486
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.4

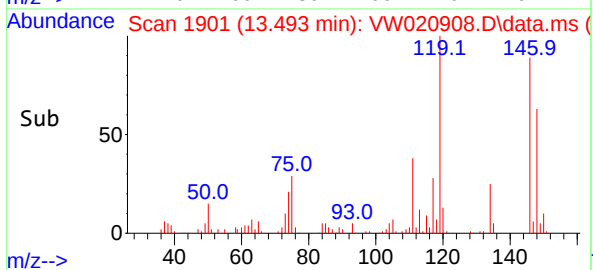
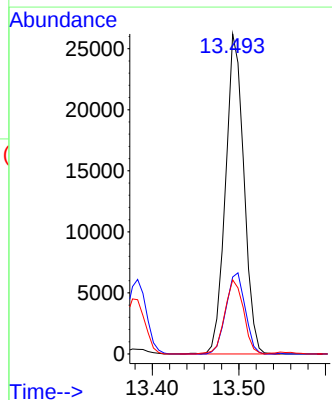
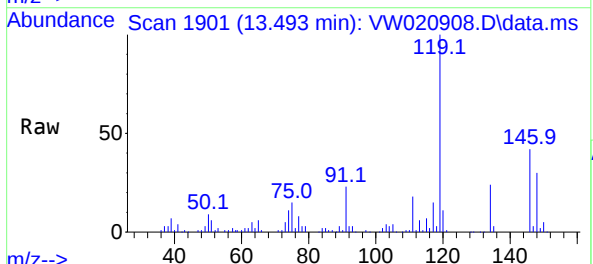
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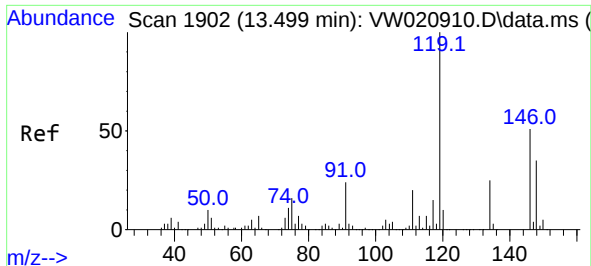
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 9.600 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020908.D
 Acq: 17 Nov 2021 16:09

Tgt Ion:119 Resp: 38528
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.7 11.9 35.9





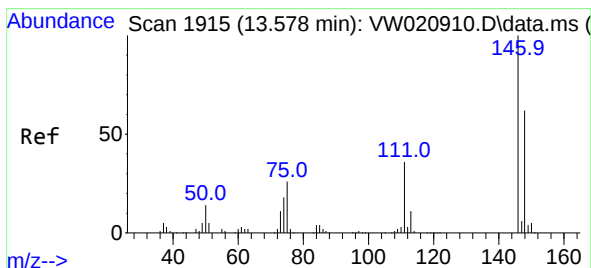
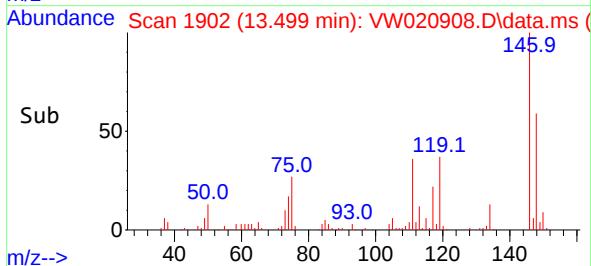
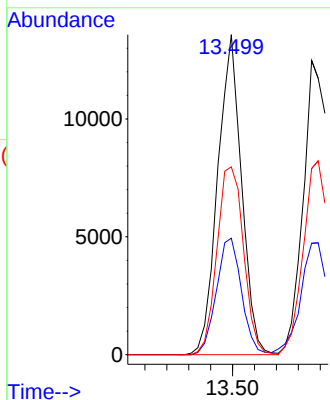
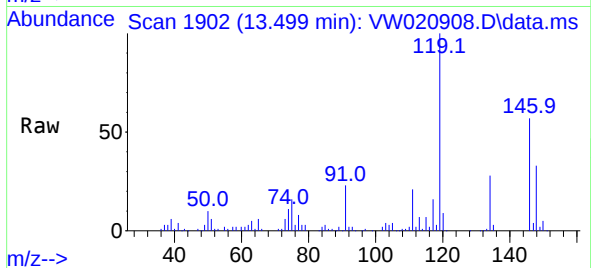
#87
1,3-Dichlorobenzene
Concen: 9.864 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 20524
Ion Ratio Lower Upper
146 100
111 38.4 20.0 59.9
148 65.4 31.7 95.1

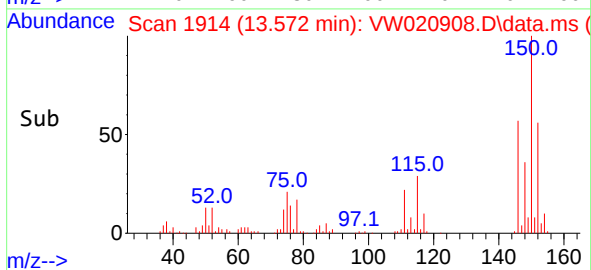
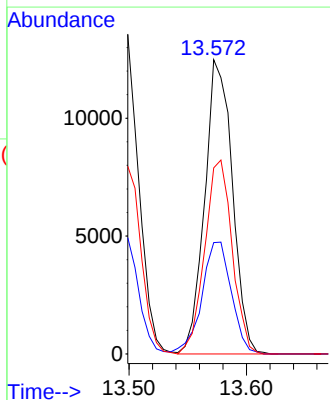
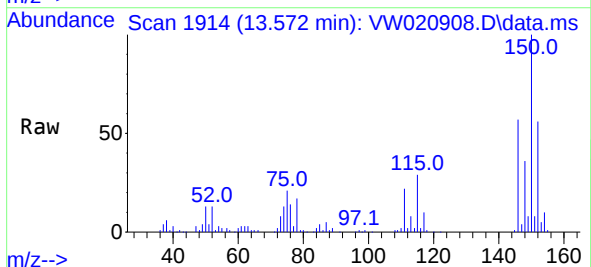
Manual Integrations
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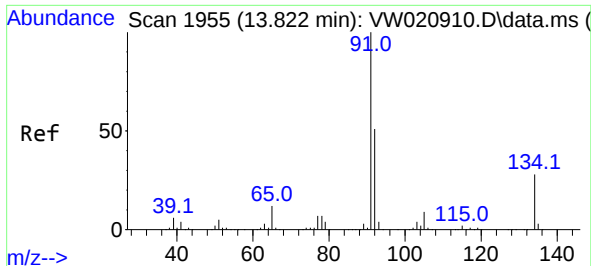
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 9.731 ug/l
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:146 Resp: 20452
Ion Ratio Lower Upper
146 100
111 40.5 18.8 56.4
148 65.5 31.1 93.2





#89

n-Butylbenzene

Concen: 8.981 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

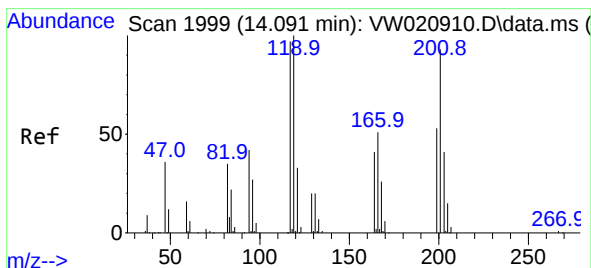
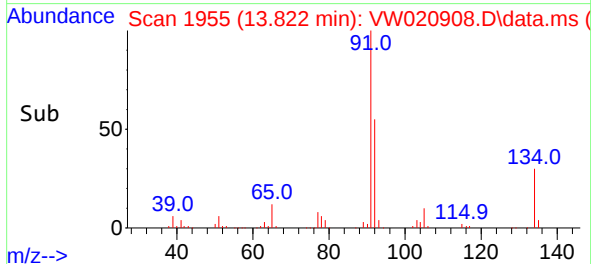
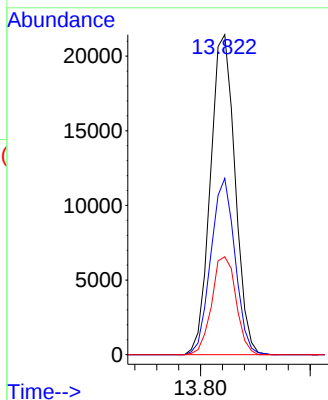
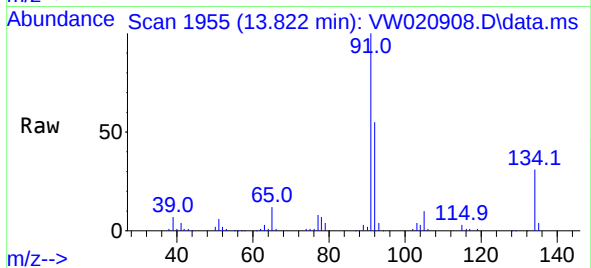
Tgt Ion: 91 Resp: 33400

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.5	79.4
134	30.3	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: 10.113 ug/l

RT: 14.090 min Scan# 1999

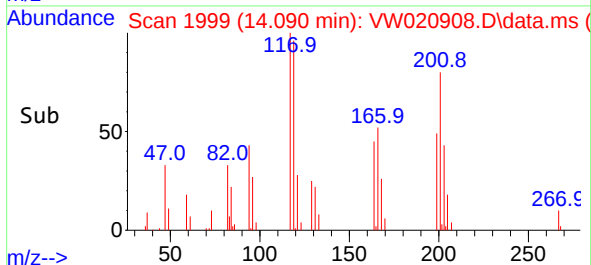
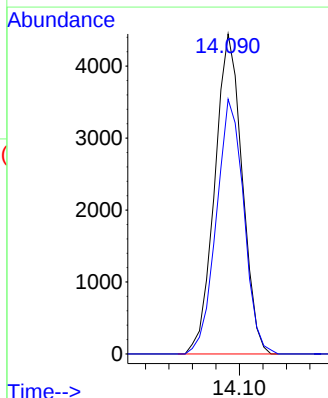
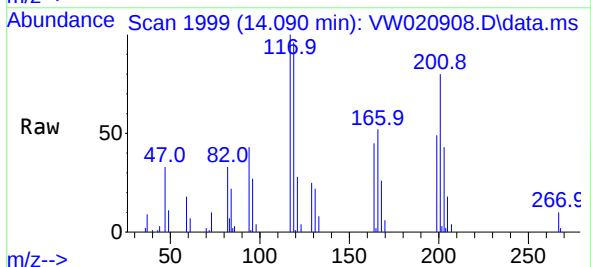
Delta R.T. -0.000 min

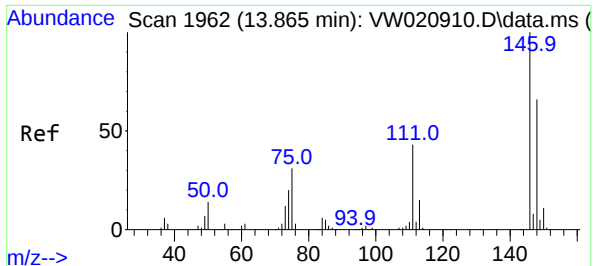
Lab File: VW020908.D

Acq: 17 Nov 2021 16:09

Tgt Ion:117 Resp: 7208

Ion	Ratio	Lower	Upper
117	100		
201	79.8	43.8	131.4





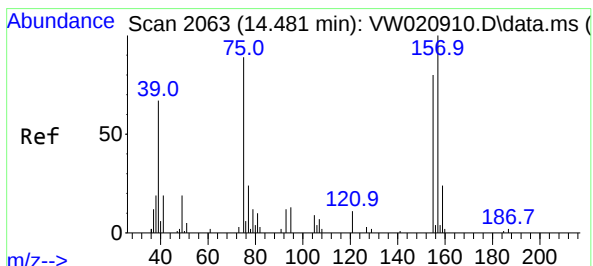
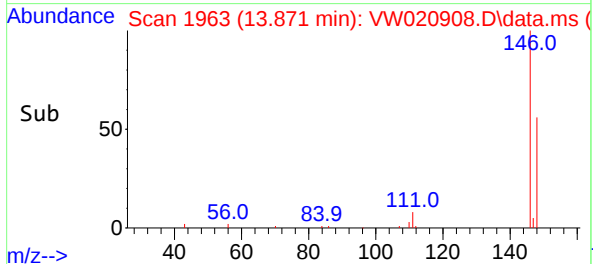
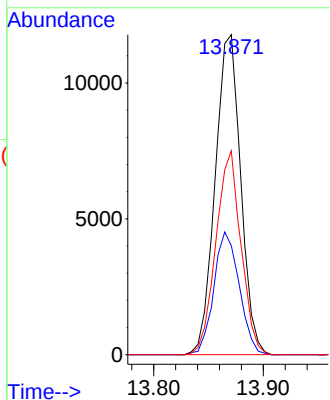
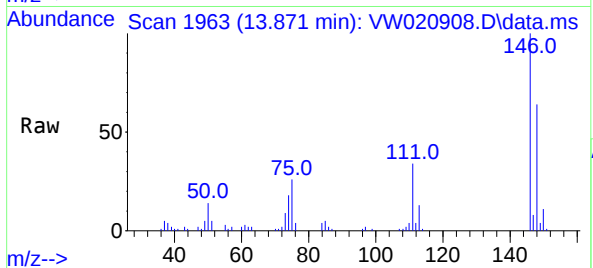
#91
1,2-Dichlorobenzene
Concen: 10.312 ug/l
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 19070
Ion Ratio Lower Upper
146 100
111 38.2 21.1 63.3
148 62.4 32.6 97.8

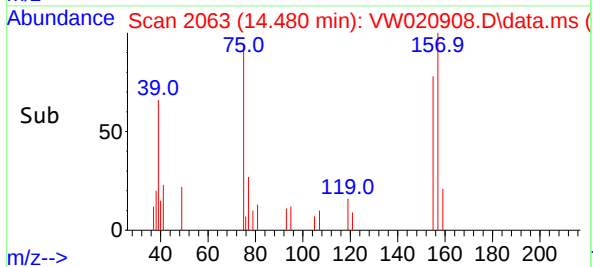
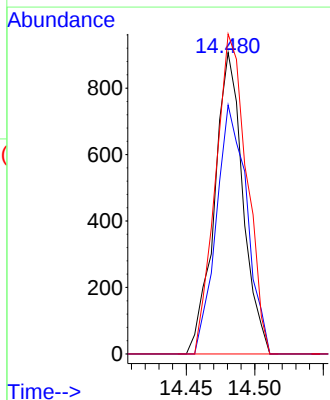
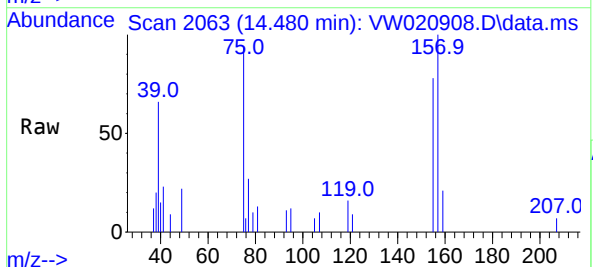
Manual Integrations
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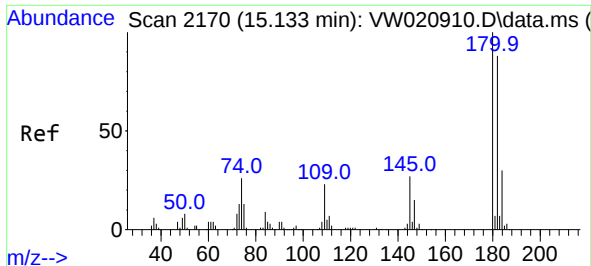
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.400 ug/l
RT: 14.480 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

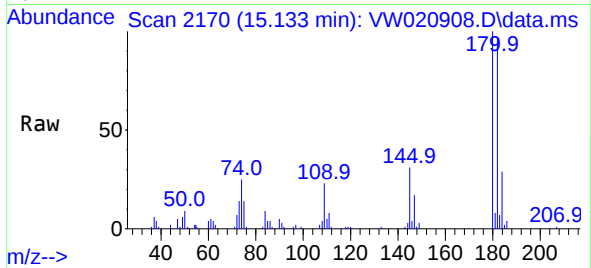
Tgt Ion: 75 Resp: 1313
Ion Ratio Lower Upper
75 100
155 88.4 45.9 137.6
157 116.1 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 10.312 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

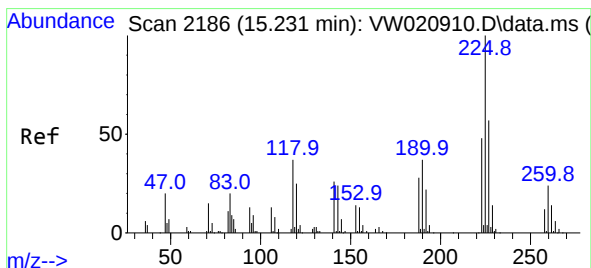
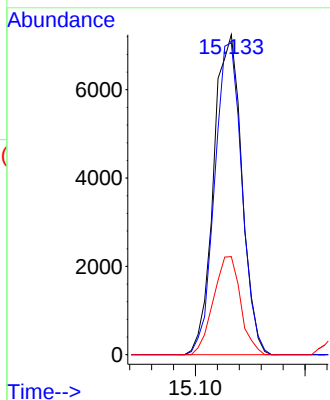
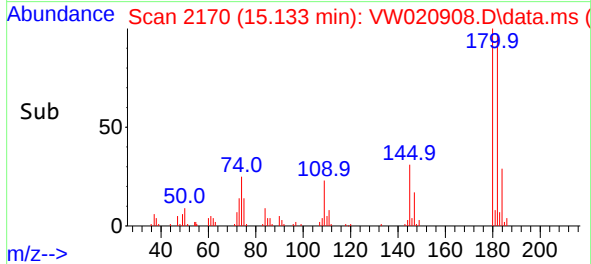
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



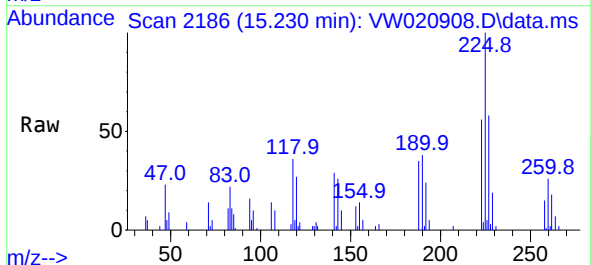
Tgt Ion:180 Resp: 1290
Ion Ratio Lower Upper
180 100
182 94.5 46.5 139.3
145 29.6 15.0 45.1

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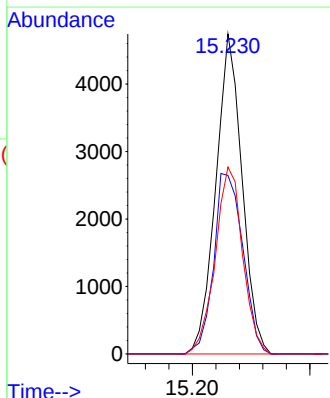
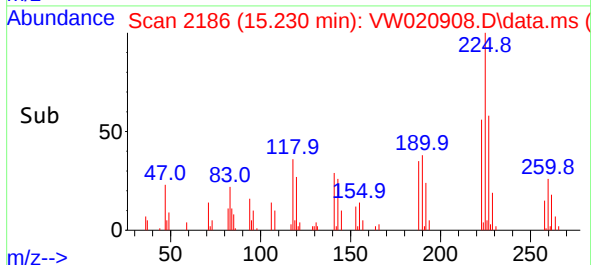
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

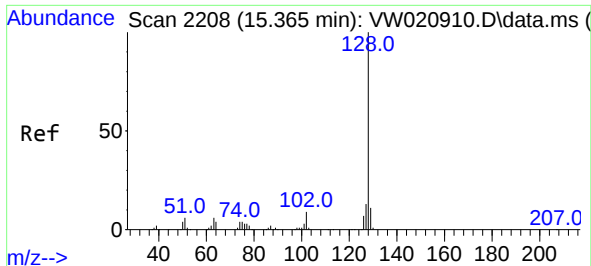


#94
Hexachlorobutadiene
Concen: 9.267 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09



Tgt Ion:225 Resp: 7347
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.3
227 61.1 32.8 98.3





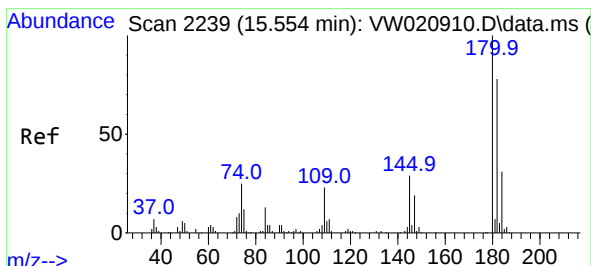
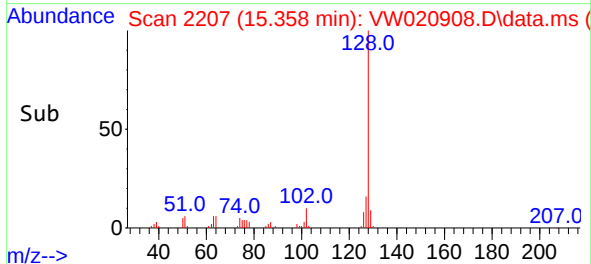
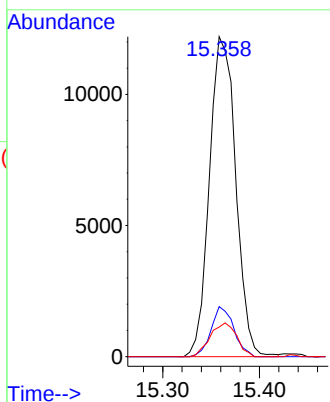
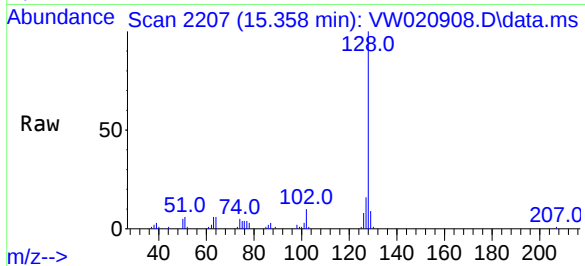
#95
Naphthalene
Concen: 10.417 ug/l
RT: 15.358 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 23052
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
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Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 10.183 ug/l
RT: 15.553 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020908.D
Acq: 17 Nov 2021 16:09

Tgt Ion:180 Resp: 11489
Ion Ratio Lower Upper
180 100
182 99.3 46.2 138.6
145 31.4 14.9 44.5

