

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020924.D
 Acq On : 18 Nov 2021 13:32
 Operator : SY/VA
 Sample : VW1118SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 04:57:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	75810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	116023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	103635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	55435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33540	47.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.885	113	34581	47.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.040%		
50) Toluene-d8	10.323	98	131518	49.274	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.615	95	47012	47.228	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	3700	25.369	ug/l	93
3) Chloromethane	2.209	50	9570	21.929	ug/l	99
4) Vinyl Chloride	2.355	62	16972	22.085	ug/l	98
5) Bromomethane	2.764	94	13817	27.934	ug/l	100
6) Chloroethane	2.910	64	6988	23.592	ug/l	99
7) Trichlorofluoromethane	3.245	101	7708	24.185	ug/l	100
8) Diethyl Ether	3.684	74	6783	20.263	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	15589	23.710	ug/l	98
10) Methyl Iodide	4.269	142	21330	21.508	ug/l	99
11) Tert butyl alcohol	5.184	59	6617m	106.955	ug/l	
12) 1,1-Dichloroethene	4.032	96	14632	22.710	ug/l	93
13) Acrolein	3.891	56	1350	125.300	ug/l	94
14) Allyl chloride	4.660	41	19967	21.586	ug/l	99
15) Acrylonitrile	5.373	53	13411	92.600	ug/l	98
16) Acetone	4.129	43	14909	102.135	ug/l	96
17) Carbon Disulfide	4.373	76	39015	22.037	ug/l	100
18) Methyl Acetate	4.672	43	9161	17.986	ug/l	97
19) Methyl tert-butyl Ether	5.422	73	22350	20.130	ug/l	96
20) Methylene Chloride	4.916	84	20525	27.005	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	16573	22.596	ug/l	96
22) Diisopropyl ether	6.306	45	39532	20.829	ug/l	98
23) Vinyl Acetate	6.257	43	110553	99.540	ug/l	97
24) 1,1-Dichloroethane	6.214	63	26547	21.986	ug/l	99
25) 2-Butanone	7.171	43	19416	93.652	ug/l	93
26) 2,2-Dichloropropane	7.165	77	19310	22.538	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	18187	22.197	ug/l	99
28) Bromochloromethane	7.513	49	9310	18.221	ug/l	98
29) Tetrahydrofuran	7.531	42	11245	89.439	ug/l	99
30) Chloroform	7.677	83	29407	22.137	ug/l	97
31) Cyclohexane	7.952	56	25790	22.015	ug/l	96
32) 1,1,1-Trichloroethane	7.866	97	26059	23.232	ug/l	98
36) 1,1-Dichloropropene	8.080	75	23463	22.511	ug/l	99
37) Ethyl Acetate	7.250	43	8657	18.209	ug/l	98
38) Carbon Tetrachloride	8.067	117	24116	21.750	ug/l	97
39) Methylcyclohexane	9.329	83	28918	22.097	ug/l	99
40) Benzene	8.323	78	63989	21.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4438	17.508	ug/l #	84
42) 1,2-Dichloroethane	8.397	62	18514	20.537	ug/l	100
43) Isopropyl Acetate	8.421	43	16968	18.186	ug/l	97
44) Trichloroethene	9.092	130	18929	21.830	ug/l	99
45) 1,2-Dichloropropane	9.366	63	14510	21.200	ug/l	94
46) Dibromomethane	9.457	93	8704	20.072	ug/l	98
47) Bromodichloromethane	9.646	83	21157	20.622	ug/l	99
48) Methyl methacrylate	9.433	41	7929	19.103	ug/l	96
49) 1,4-Dioxane	9.457	88	2377	380.420	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	42150	88.727	ug/l	99
52) Toluene	10.384	92	42750	22.378	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	20468	20.094	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	23877	20.713	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	11558	19.881	ug/l	93
56) Ethyl methacrylate	10.646	69	14034	18.958	ug/l	98
57) 1,3-Dichloropropane	10.933	76	19635	20.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	33072	88.770	ug/l	99
59) 2-Hexanone	10.969	43	29702	89.878	ug/l	99
60) Dibromochloromethane	11.128	129	14608	19.931	ug/l	100
61) 1,2-Dibromoethane	11.232	107	11407	19.776	ug/l	92
64) Tetrachloroethene	10.860	164	16663	21.642	ug/l	88
65) Chlorobenzene	11.658	112	45792	21.978	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.725	131	16325	21.072	ug/l	97
67) Ethyl Benzene	11.731	91	82487	22.559	ug/l	98
68) m/p-Xylenes	11.835	106	66079	44.701	ug/l	99
69) o-Xylene	12.164	106	30473	21.984	ug/l	99
70) Styrene	12.176	104	50245	21.582	ug/l	98
71) Bromoform	12.347	173	8612	19.231	ug/l #	96
73) Isopropylbenzene	12.463	105	82263	21.716	ug/l	99
74) N-amyl acetate	12.274	43	16823	18.644	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	12594	19.056	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	9835m	19.746	ug/l	
77) Bromobenzene	12.743	156	18999	20.648	ug/l	97
78) n-propylbenzene	12.804	91	99263	22.247	ug/l	98
79) 2-Chlorotoluene	12.890	91	55271	21.433	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	70639	21.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	3794	17.919	ug/l	99
82) 4-Chlorotoluene	12.987	91	58878	21.530	ug/l	100
83) tert-Butylbenzene	13.201	119	63329	21.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	69179	21.565	ug/l	97
85) sec-Butylbenzene	13.377	105	92109	22.044	ug/l	99
86) p-Isopropyltoluene	13.493	119	78047	21.667	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	42673	22.883	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	39504	21.081	ug/l	97
89) n-Butylbenzene	13.823	91	70277	21.728	ug/l	96
90) Hexachloroethane	14.091	117	13731	20.241	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	34225	20.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1963	16.914	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	24175	20.708	ug/l	94
94) Hexachlorobutadiene	15.231	225	15225	22.997	ug/l	94
95) Naphthalene	15.365	128	41786	19.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	21342	20.732	ug/l	96

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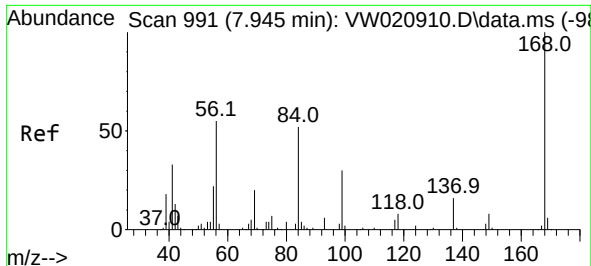
Manual Integrations
APPROVED

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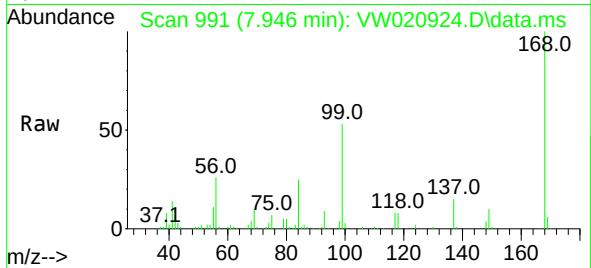
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW020924.D
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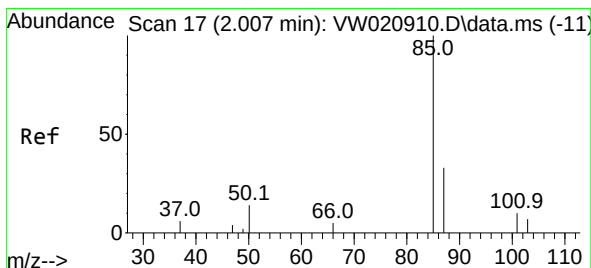
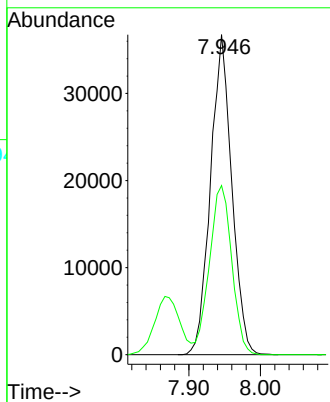
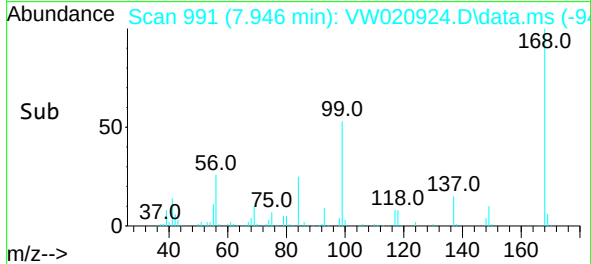
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion:168 Resp: 75810
Ion Ratio Lower Upper
168 100
99 52.8 41.6 62.4

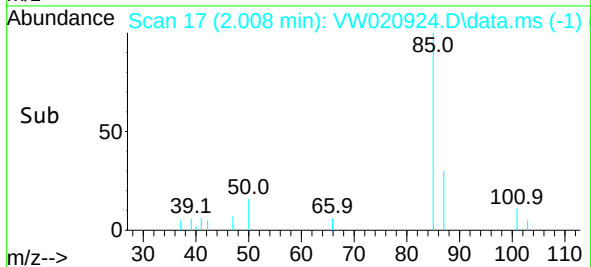
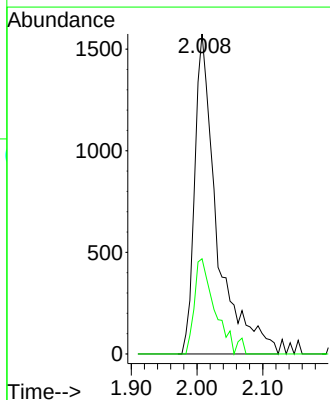
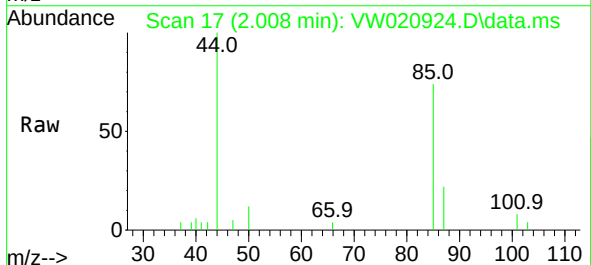
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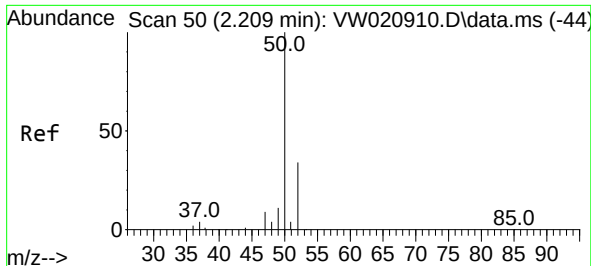
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#2
Dichlorodifluoromethane
Concen: 25.369 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.001 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

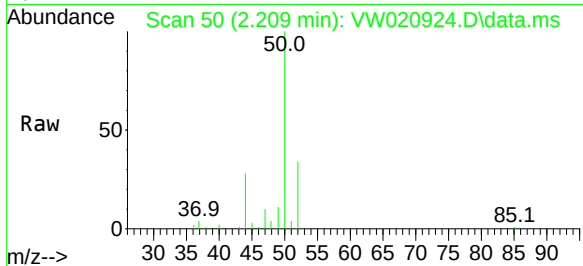
Tgt Ion: 85 Resp: 3700
Ion Ratio Lower Upper
85 100
87 29.8 16.8 50.3





#3
Chloromethane
Concen: 21.929 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

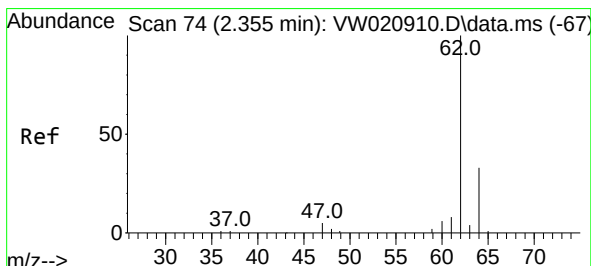
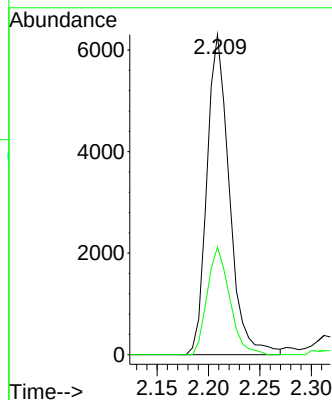
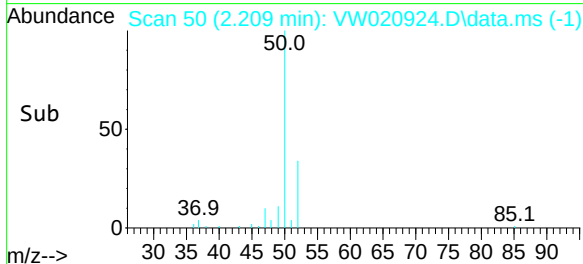
Instrument :
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VW1118SBS01



Tgt Ion: 50 Resp: 9570
Ion Ratio Lower Upper
50 100
52 33.7 27.2 40.8

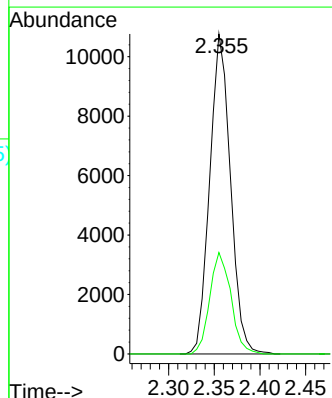
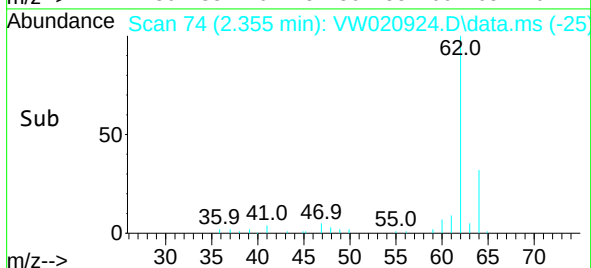
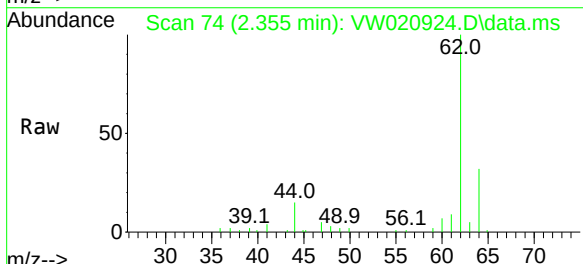
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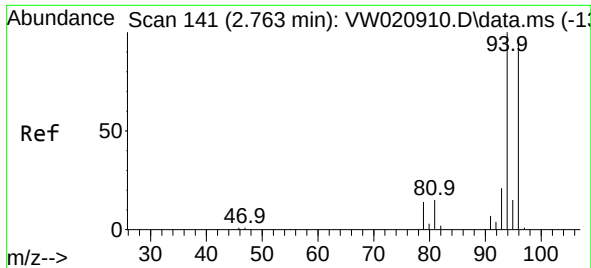
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#4
Vinyl Chloride
Concen: 22.085 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

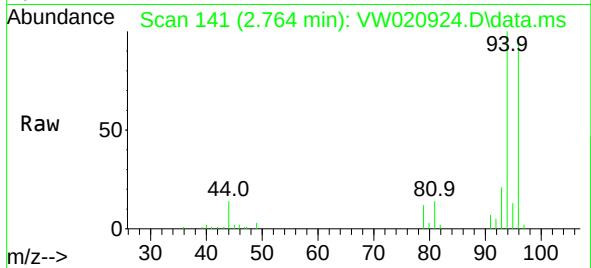
Tgt Ion: 62 Resp: 16972
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





#5
Bromomethane
Concen: 27.934 ug/l
RT: 2.764 min Scan# 141
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

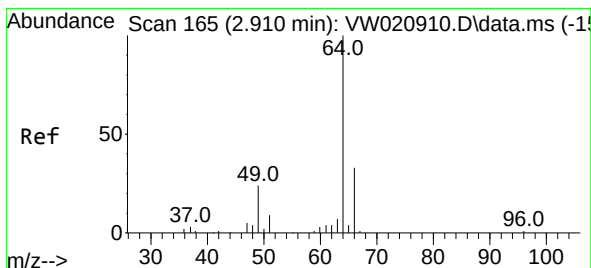
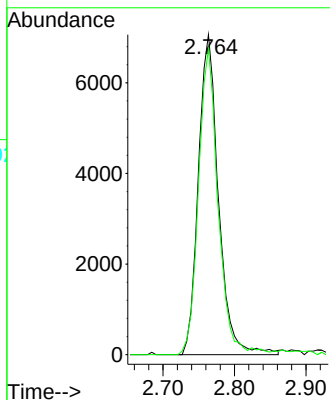
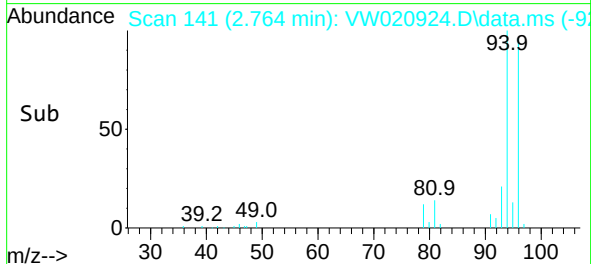
Instrument :
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Tgt Ion: 94 Resp: 1381
Ion Ratio Lower Upper
94 100
96 95.6 76.4 114.6

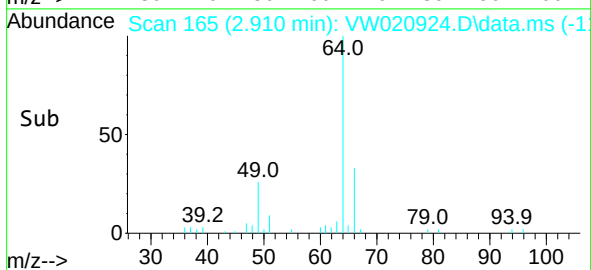
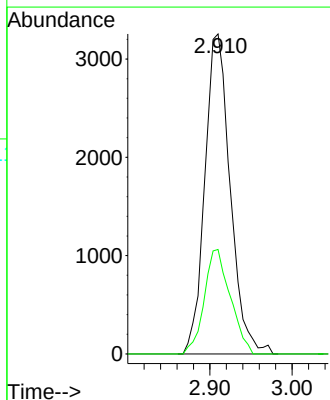
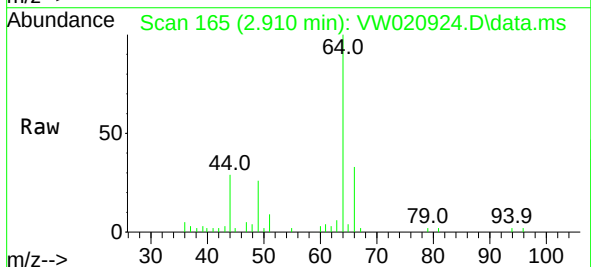
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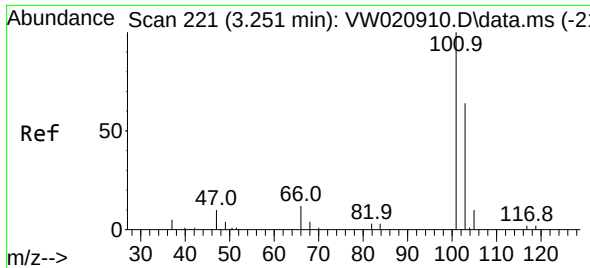
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#6
Chloroethane
Concen: 23.592 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion: 64 Resp: 6988
Ion Ratio Lower Upper
64 100
66 32.7 26.7 40.1





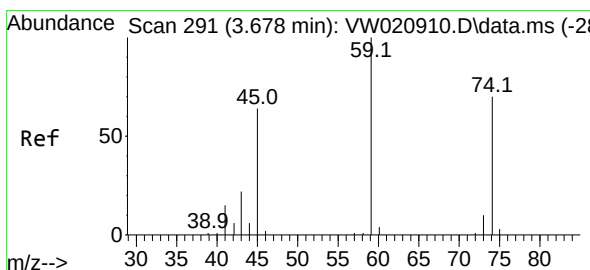
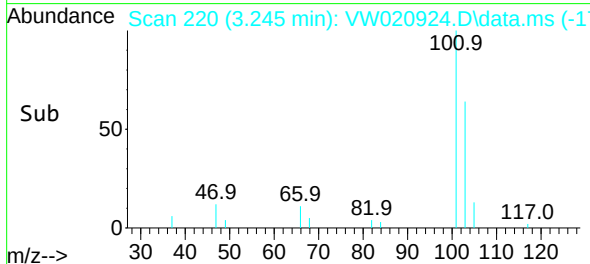
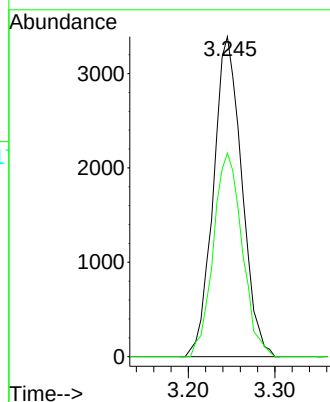
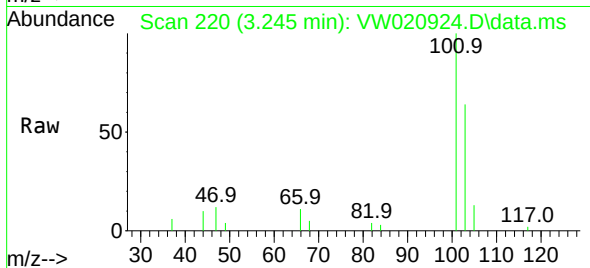
#7
 Trichlorofluoromethane
 Concen: 24.185 ug/l
 RT: 3.245 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 7708
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

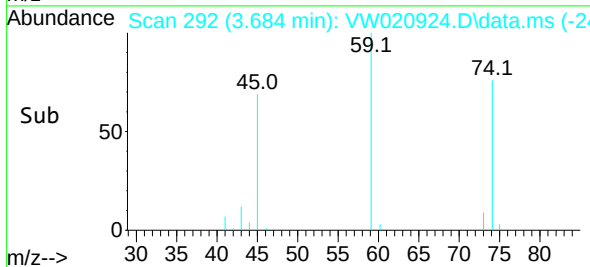
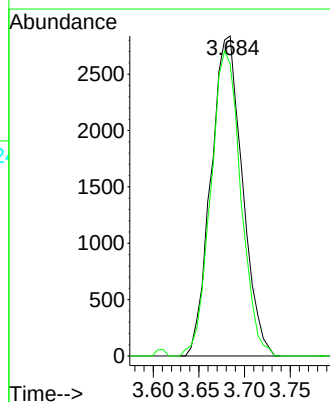
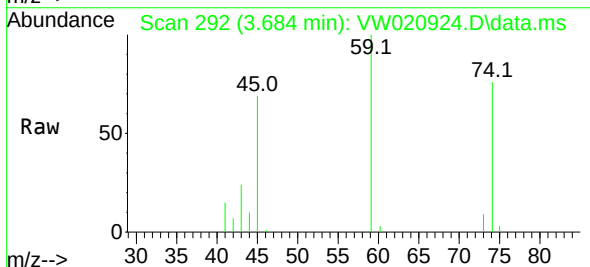
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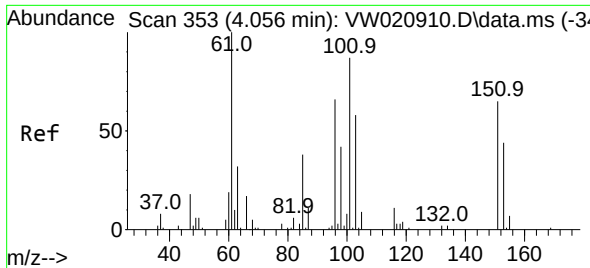
Reviewed By :Vimala Arumugam 11/19/2021
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#8
 Diethyl Ether
 Concen: 20.263 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.006 min
 Lab File: VW020924.D
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Tgt Ion: 74 Resp: 6783
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.3 135.8





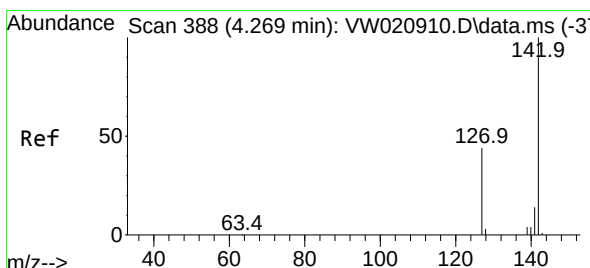
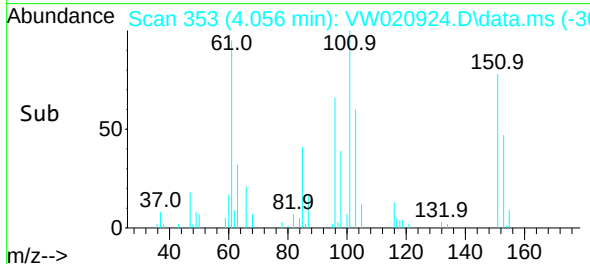
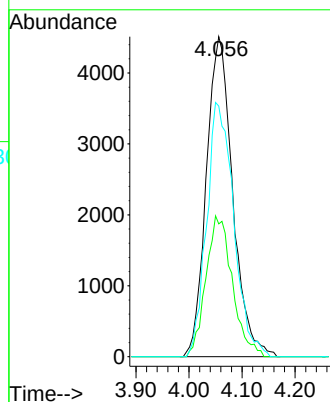
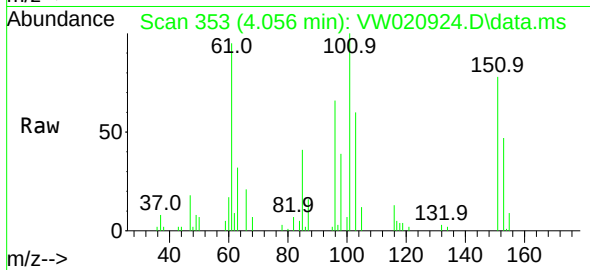
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.710 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion:101 Resp: 15589
Ion Ratio Lower Upper
101 100
85 44.0 36.6 54.8
151 81.5 66.3 99.5

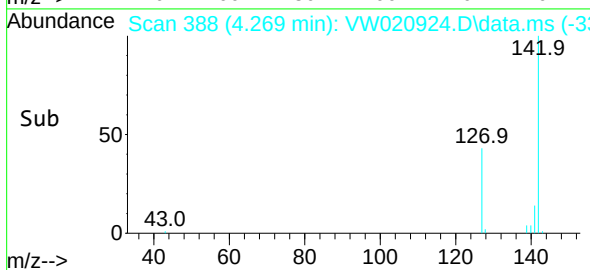
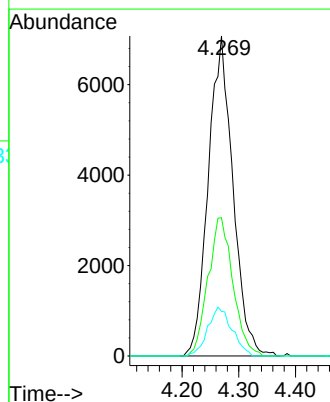
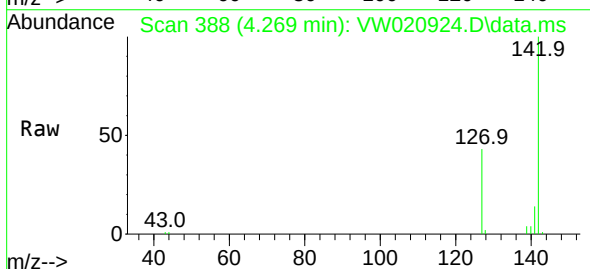
Manual Integrations
APPROVED

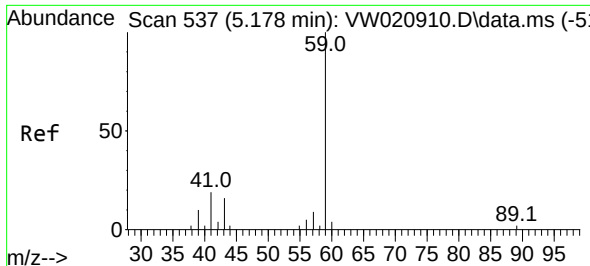
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#10
Methyl Iodide
Concen: 21.508 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion:142 Resp: 21330
Ion Ratio Lower Upper
142 100
127 43.7 35.5 53.3
141 15.0 11.5 17.3





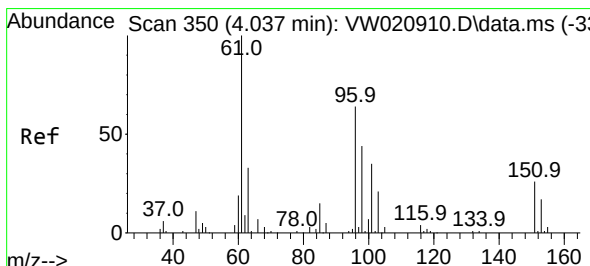
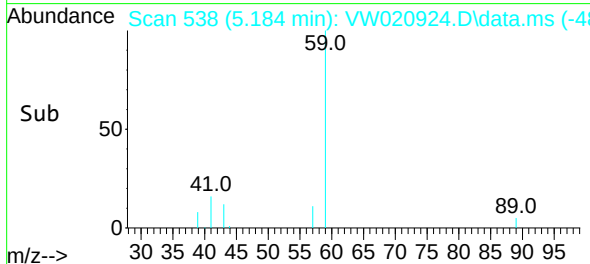
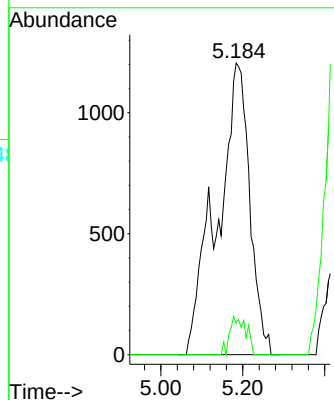
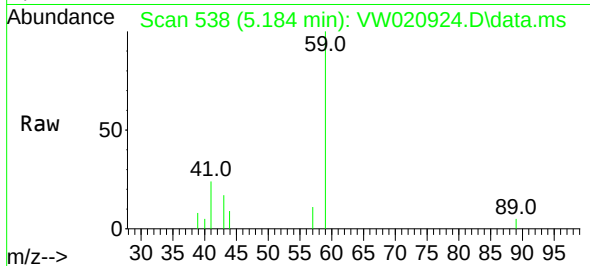
#11
Tert butyl alcohol
Concen: 106.955 ug/l m
RT: 5.184 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 6.5 4.3 6.5

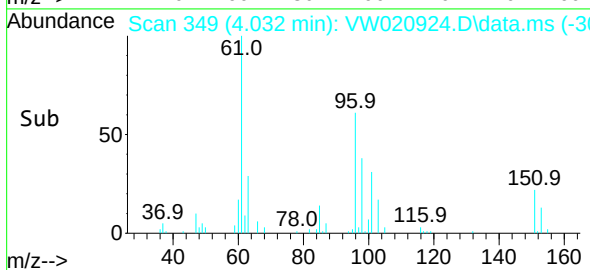
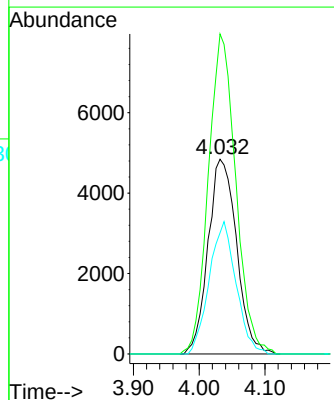
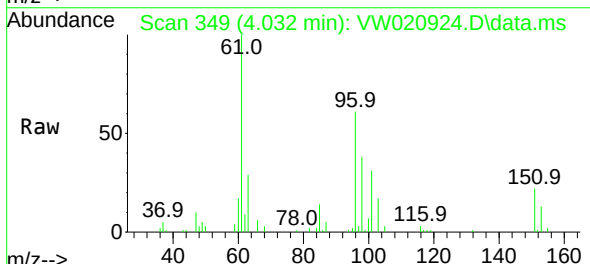
Manual Integrations
APPROVED

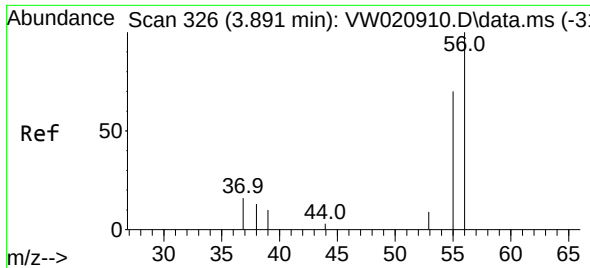
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#12
1,1-Dichloroethene
Concen: 22.710 ug/l
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

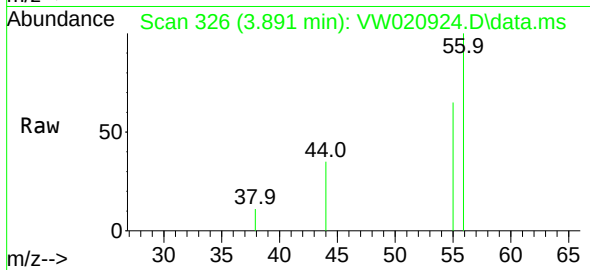
Tgt Ion: 96 Resp: 14632
Ion Ratio Lower Upper
96 100
61 164.4 124.4 186.6
98 62.2 54.2 81.2





#13
Acrolein
Concen: 125.300 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

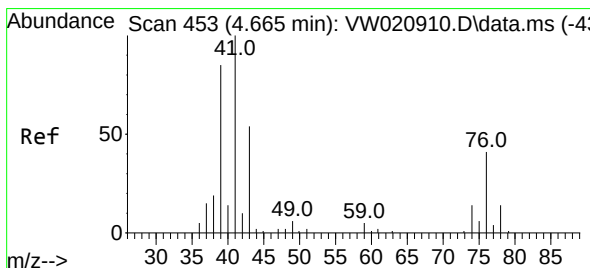
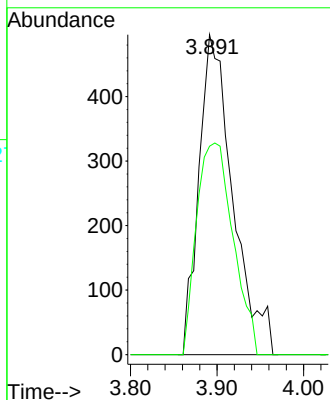
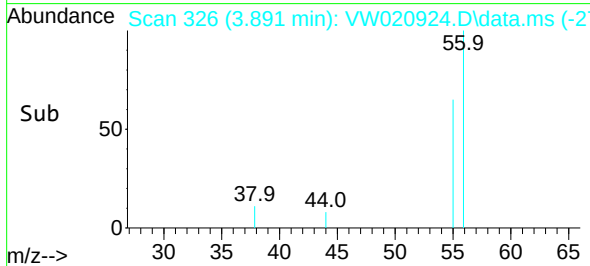
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 56 Resp: 1350
Ion Ratio Lower Upper
56 100
55 71.2 61.2 91.8

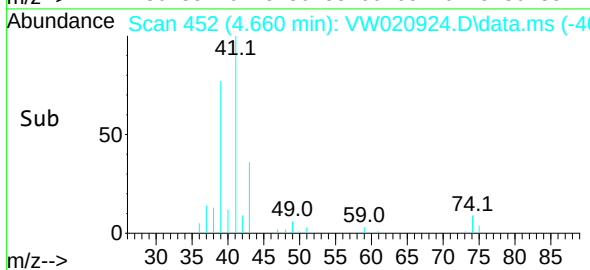
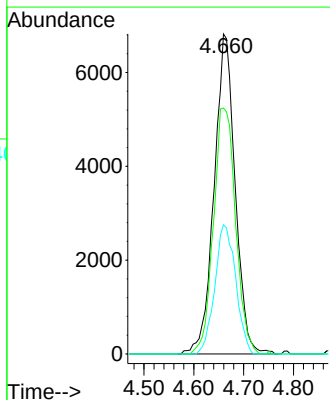
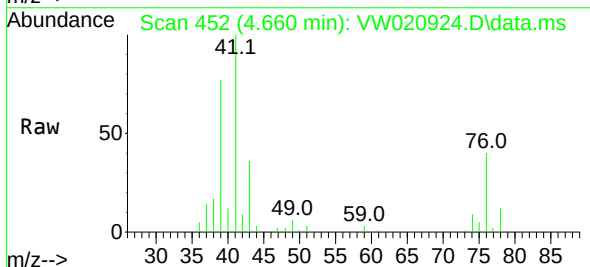
Manual Integrations
APPROVED

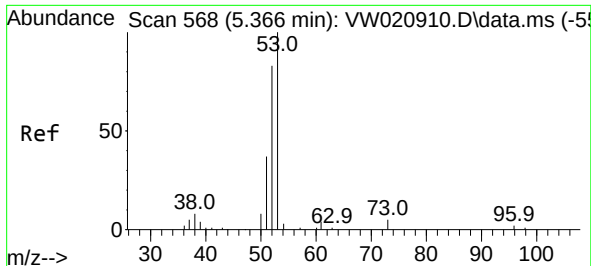
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#14
Allyl chloride
Concen: 21.586 ug/l
RT: 4.660 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

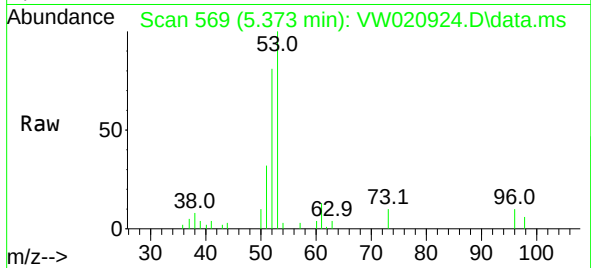
Tgt Ion: 41 Resp: 19967
Ion Ratio Lower Upper
41 100
39 80.8 63.4 95.2
76 40.1 32.2 48.4





#15
Acrylonitrile
Concen: 92.600 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

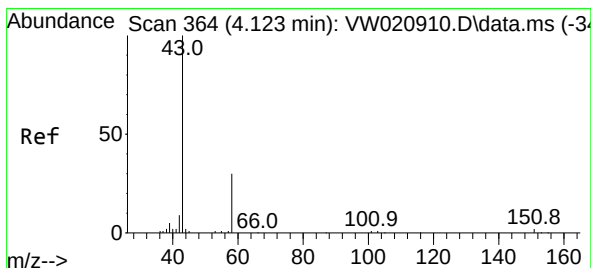
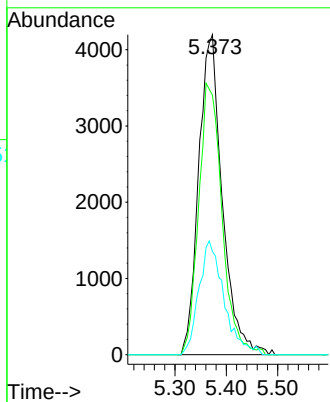
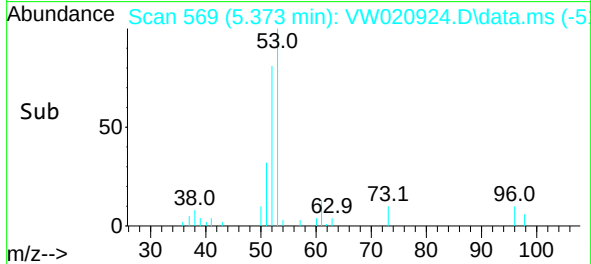
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 53 Resp: 1341
Ion Ratio Lower Upper
53 100
52 83.9 65.9 98.9
51 37.8 29.8 44.6

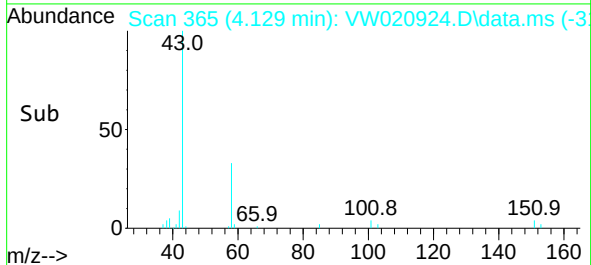
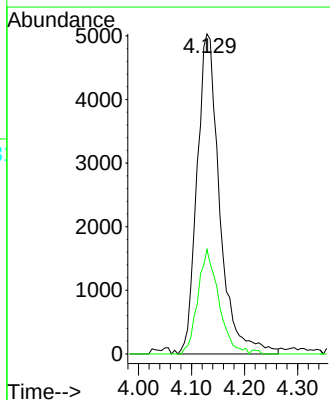
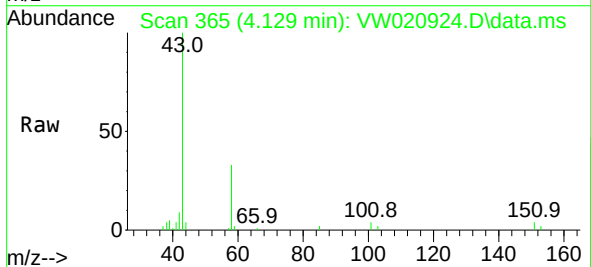
Manual Integrations
APPROVED

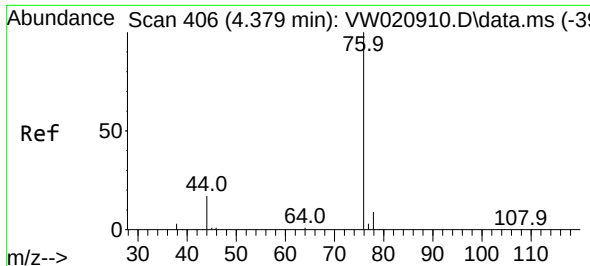
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#16
Acetone
Concen: 102.135 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion: 43 Resp: 14909
Ion Ratio Lower Upper
43 100
58 32.6 24.2 36.2





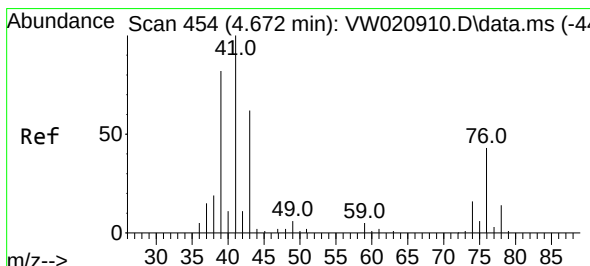
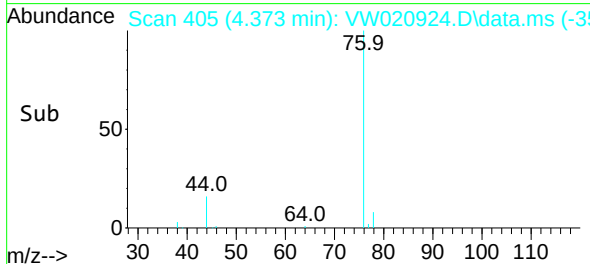
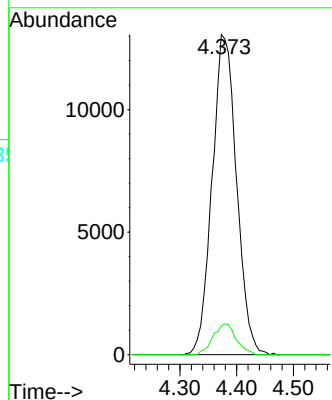
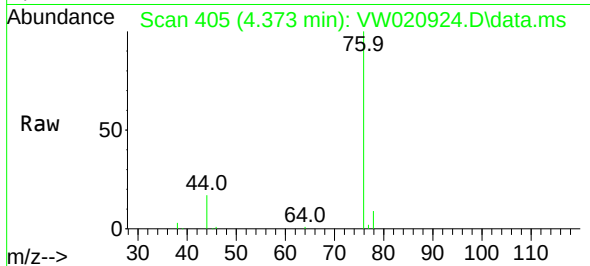
#17
Carbon Disulfide
Concen: 22.037 ug/l
RT: 4.373 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 76 Resp: 3901
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

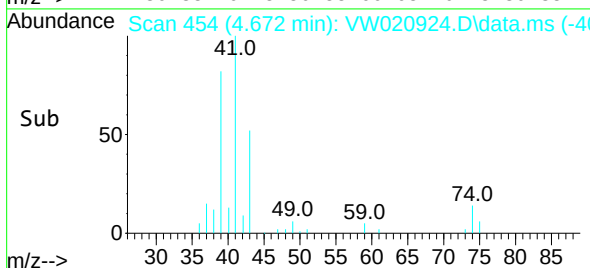
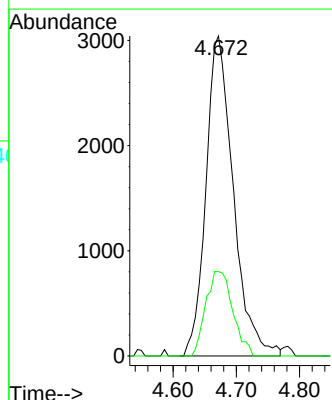
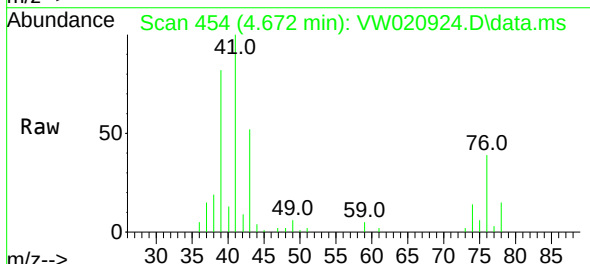
Manual Integrations
APPROVED

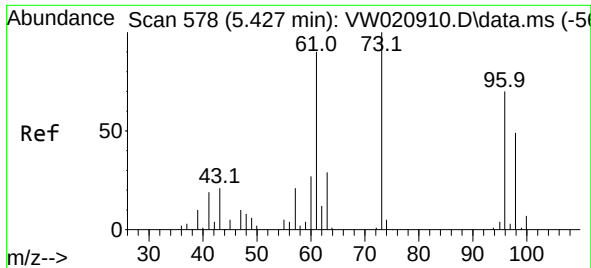
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#18
Methyl Acetate
Concen: 17.986 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion: 43 Resp: 9161
Ion Ratio Lower Upper
43 100
74 26.0 19.7 29.5





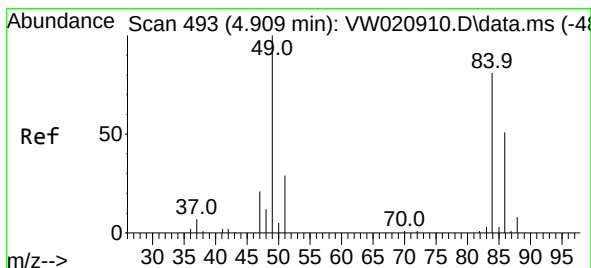
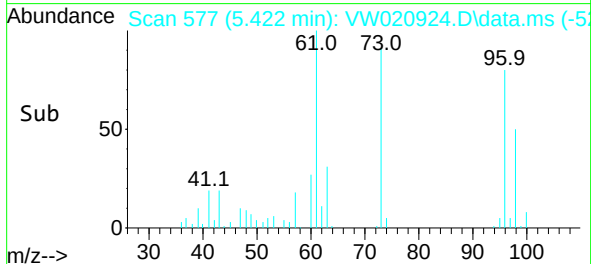
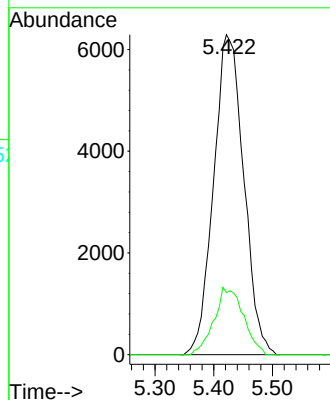
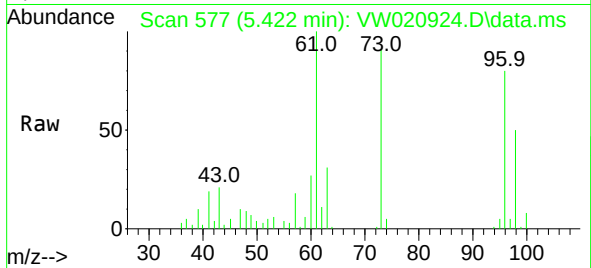
#19
Methyl tert-butyl Ether
Concen: 20.130 ug/l
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 73 Resp: 22350
Ion Ratio Lower Upper
73 100
57 19.4 17.0 25.6

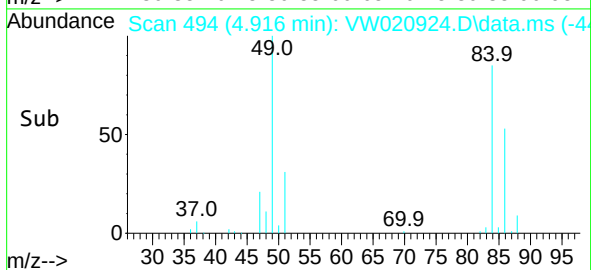
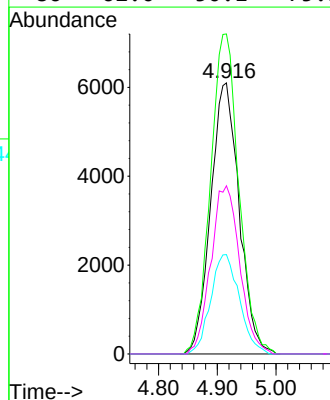
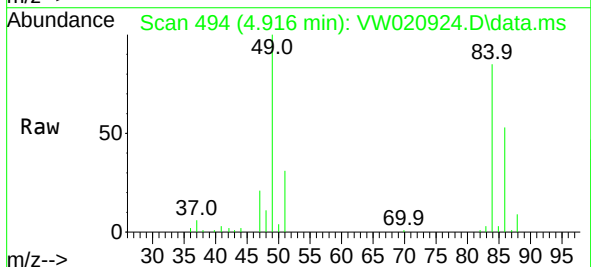
Manual Integrations
APPROVED

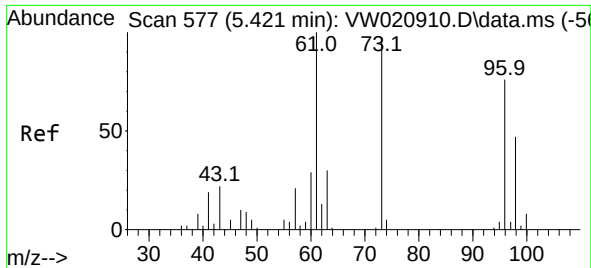
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#20
Methylene Chloride
Concen: 27.005 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

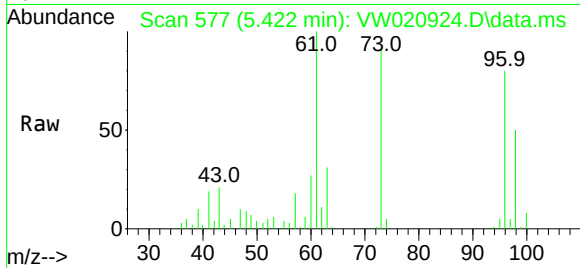
Tgt Ion: 84 Resp: 20525
Ion Ratio Lower Upper
84 100
49 118.0 99.1 148.7
51 36.7 28.8 43.2
86 62.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 22.596 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

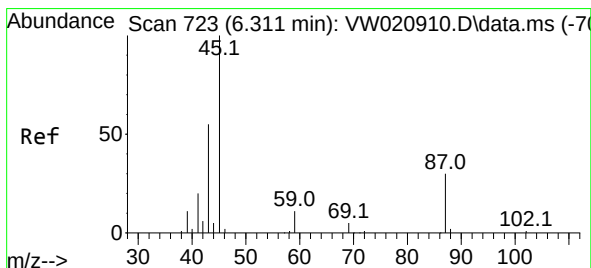
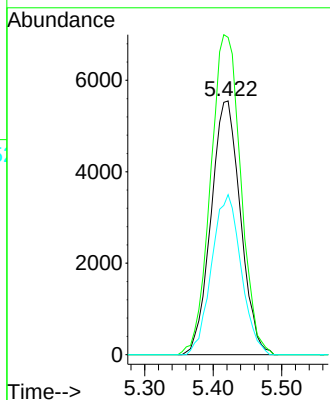
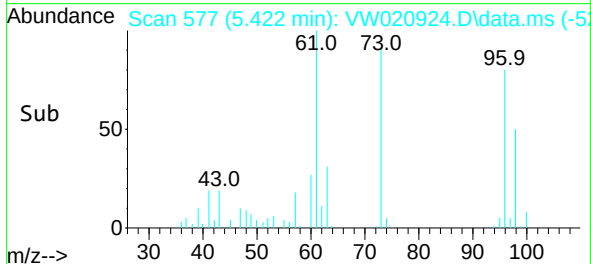
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



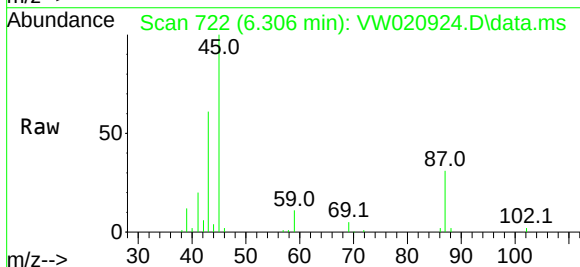
Tgt Ion: 96 Resp: 1657
Ion Ratio Lower Upper
96 100
61 125.1 105.7 158.5
98 63.1 49.7 74.5

Manual Integrations
APPROVED

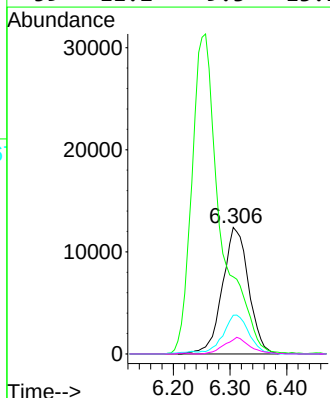
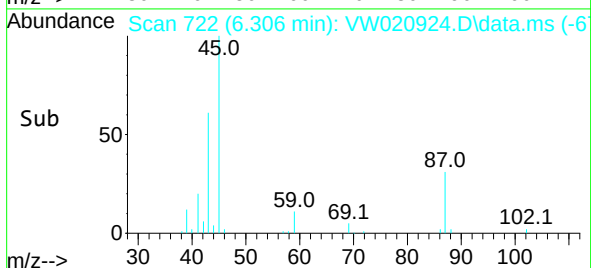
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

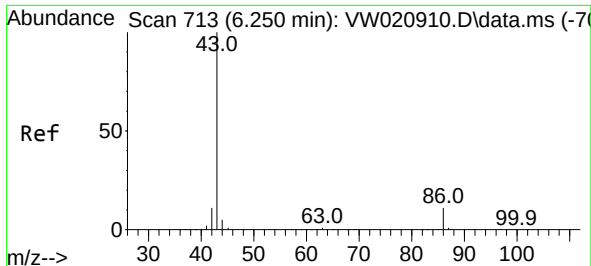


#22
Diisopropyl ether
Concen: 20.829 ug/l
RT: 6.306 min Scan# 722
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



Tgt Ion: 45 Resp: 39532
Ion Ratio Lower Upper
45 100
43 59.6 46.2 69.4
87 30.6 25.0 37.6
59 11.2 9.3 13.9





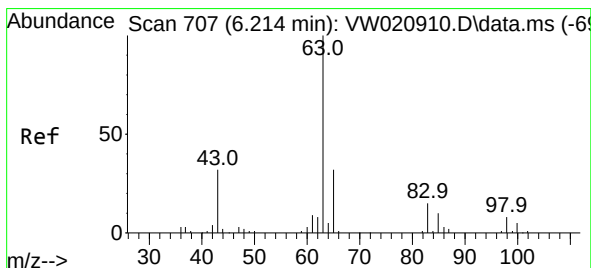
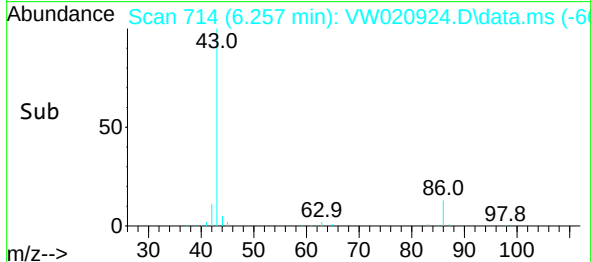
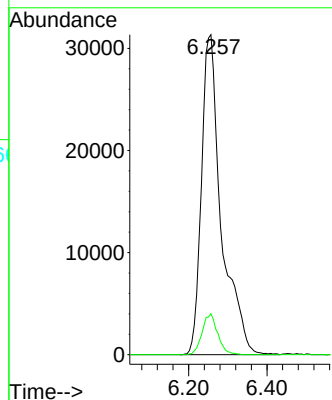
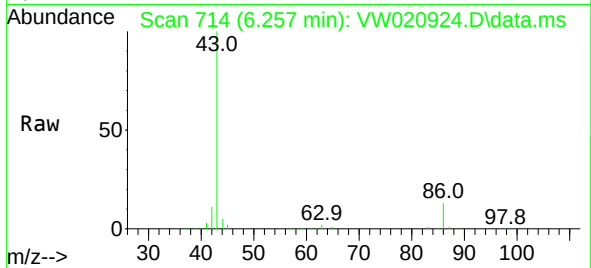
#23
 Vinyl Acetate
 Concen: 99.540 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Tgt Ion: 43 Resp: 11055
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.2 13.8

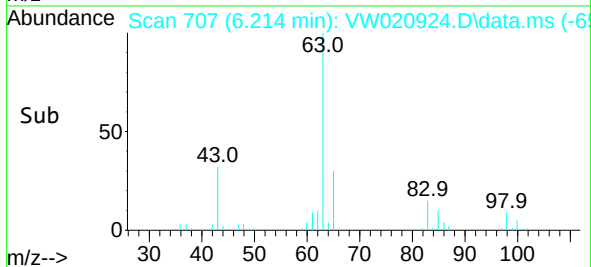
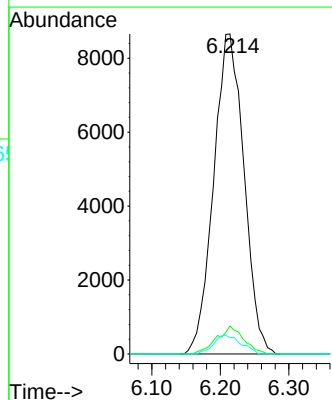
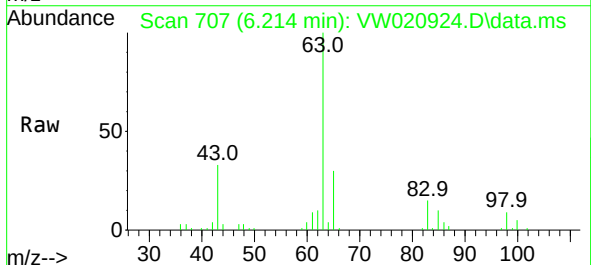
Manual Integrations
 APPROVED

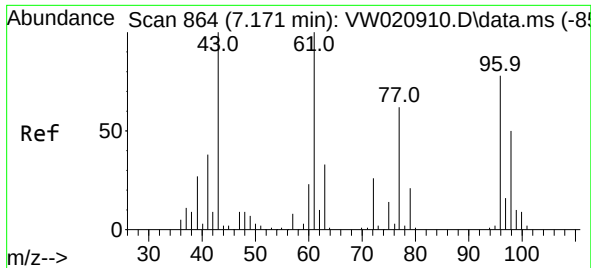
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 21.986 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32

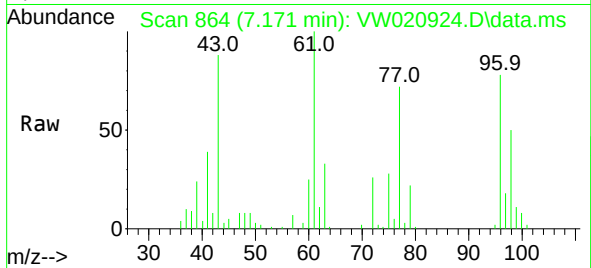
Tgt Ion: 63 Resp: 26547
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 12.2
 100 5.1 2.6 8.0





#25
2-Butanone
Concen: 93.652 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

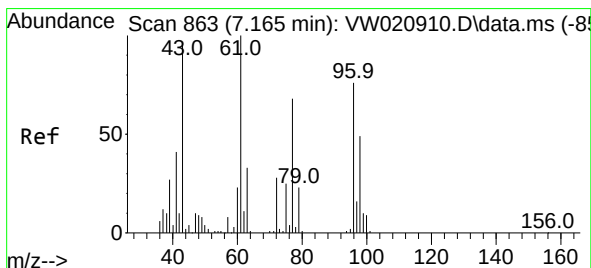
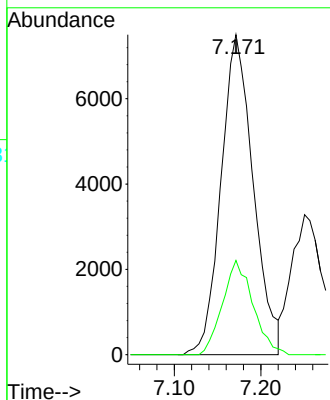
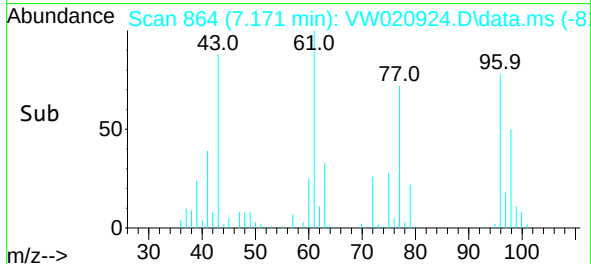
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 43 Resp: 19410
Ion Ratio Lower Upper
43 100
72 29.4 20.7 31.1

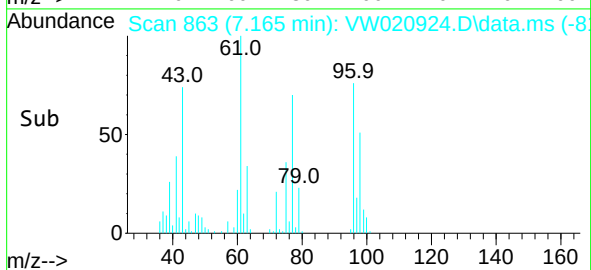
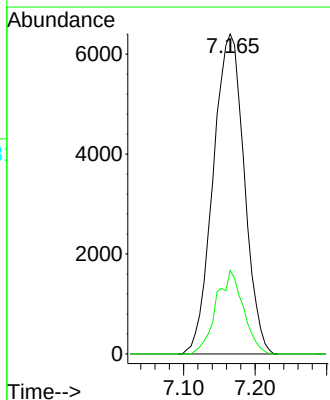
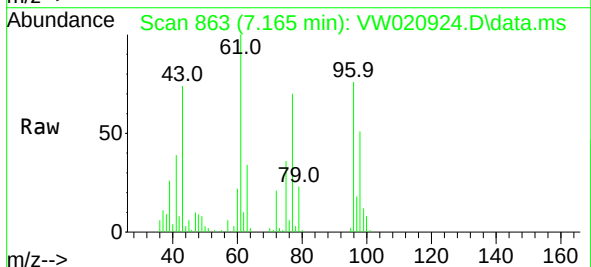
Manual Integrations
APPROVED

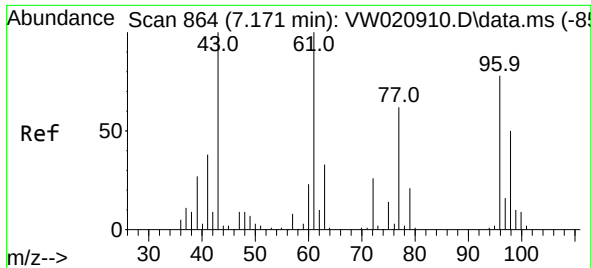
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#26
2,2-Dichloropropane
Concen: 22.538 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

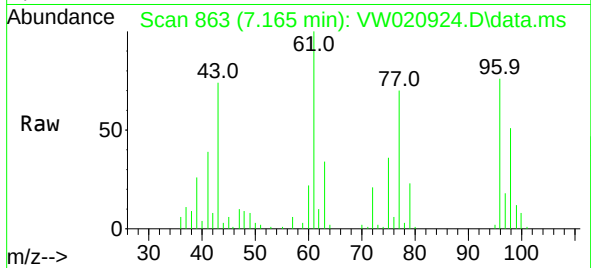
Tgt Ion: 77 Resp: 19310
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 22.197 ug/l
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32

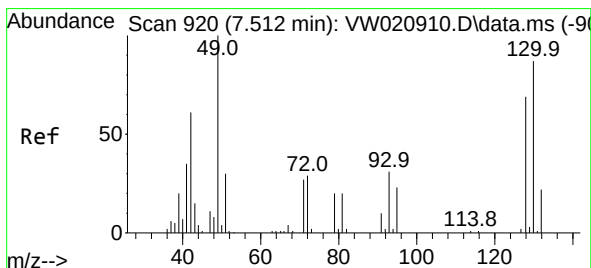
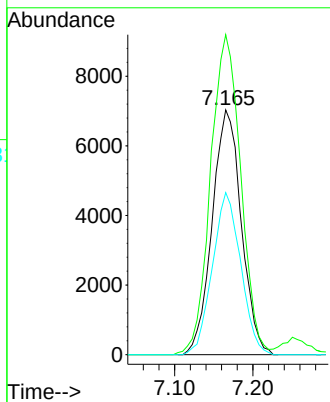
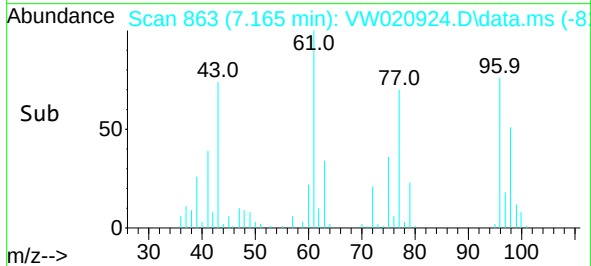
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01



Tgt Ion: 96 Resp: 1818
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 266.6
 98 64.3 0.0 129.4

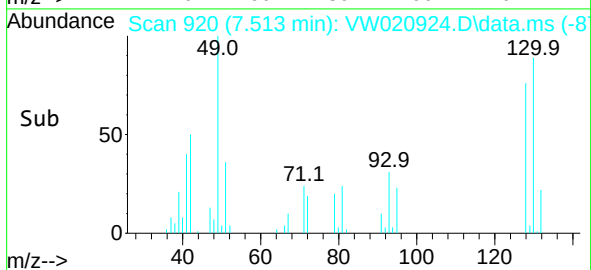
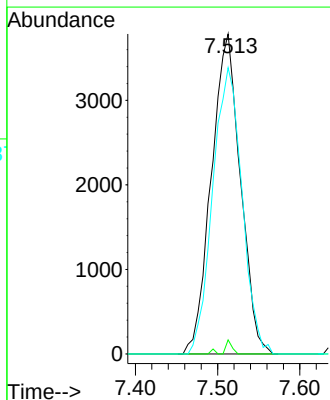
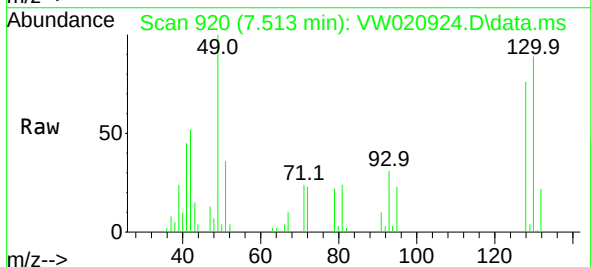
Manual Integrations
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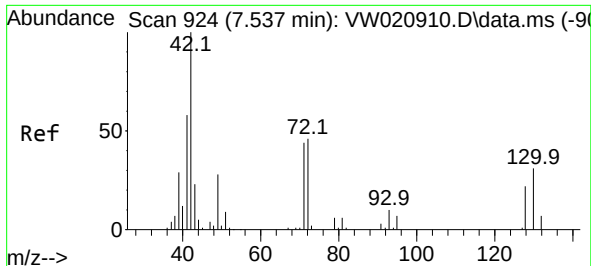
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#28
 Bromochloromethane
 Concen: 18.221 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32

Tgt Ion: 49 Resp: 9310
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.4
 130 90.0 70.8 106.2





#29

Tetrahydrofuran

Concen: 89.439 ug/l

RT: 7.531 min Scan# 912

Delta R.T. -0.006 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

Instrument :

MSVOA_W

ClientSampleId :

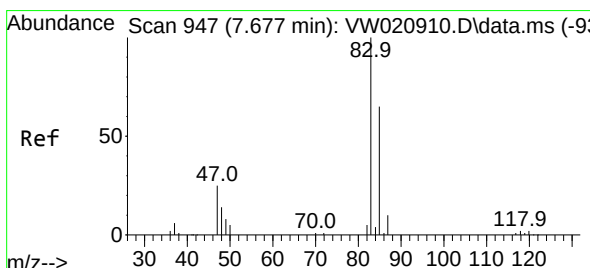
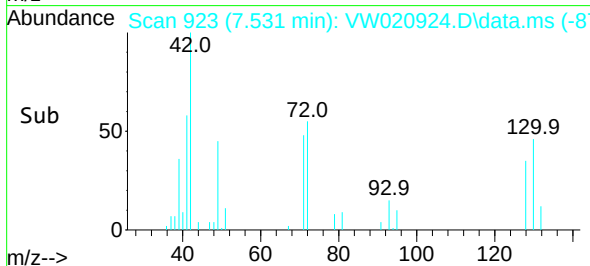
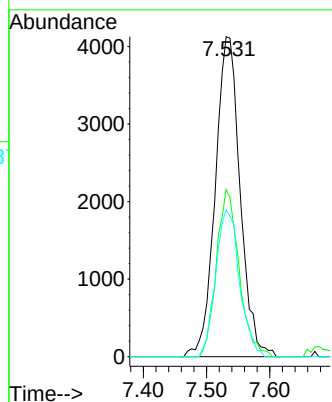
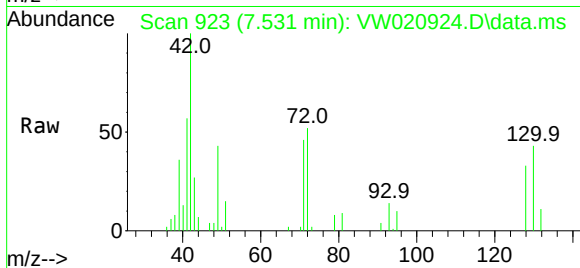
VW1118SBS01

Tgt Ion: 42	Resp: 1124
Ion Ratio	Lower Upper
42 100	
72 47.6	37.4 56.0
71 44.0	34.7 52.1

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



#30

Chloroform

Concen: 22.137 ug/l

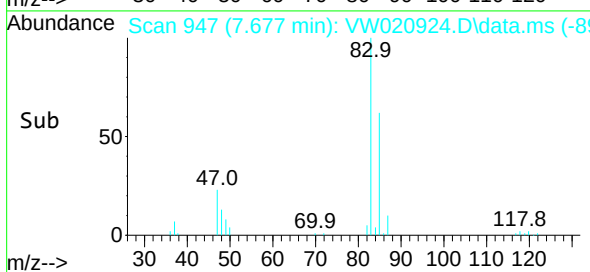
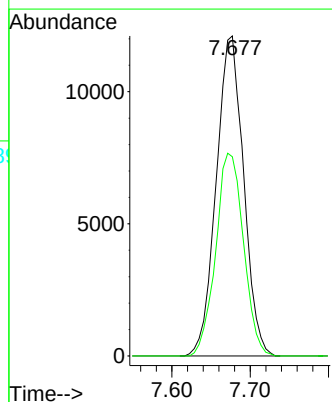
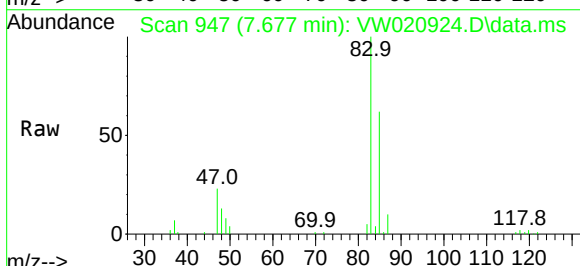
RT: 7.677 min Scan# 947

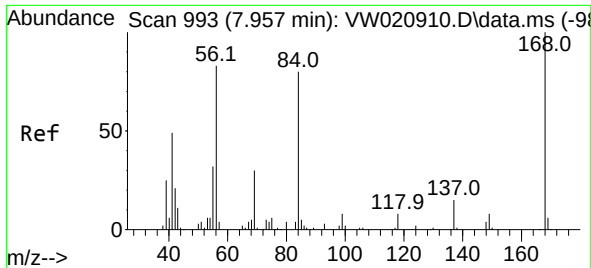
Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

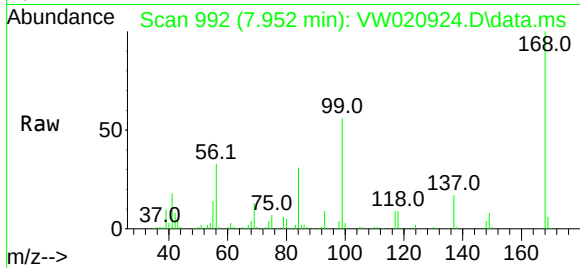
Tgt Ion: 83	Resp: 29407
Ion Ratio	Lower Upper
83 100	
85 62.2	51.7 77.5





#31
Cyclohexane
Concen: 22.015 ug/l
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

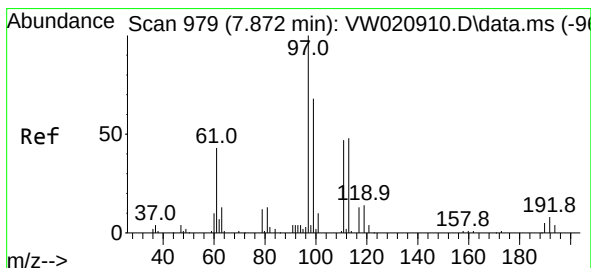
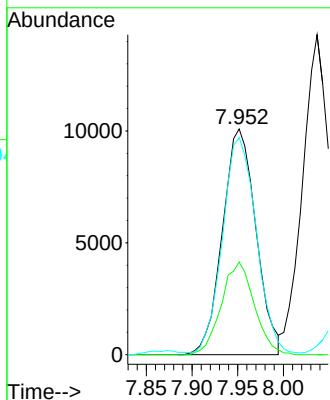
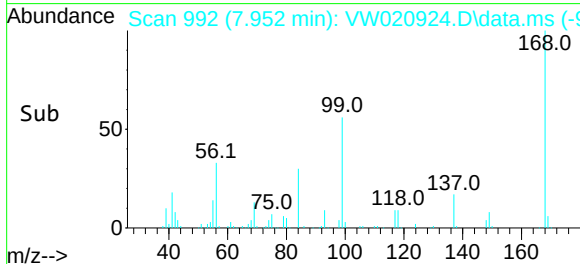
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 56 Resp: 25790
Ion Ratio Lower Upper
56 100
69 41.1 28.7 43.1
84 95.1 77.6 116.4

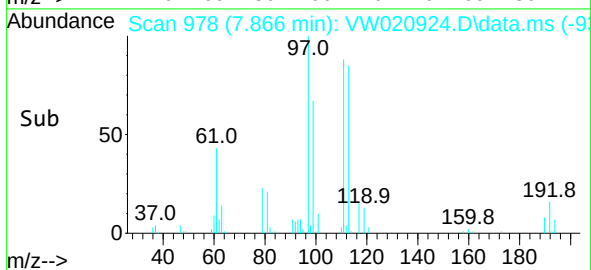
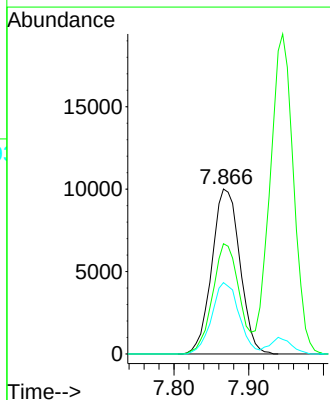
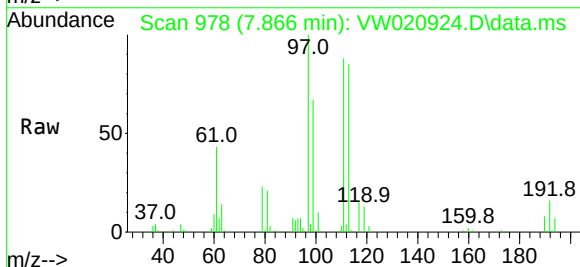
Manual Integrations
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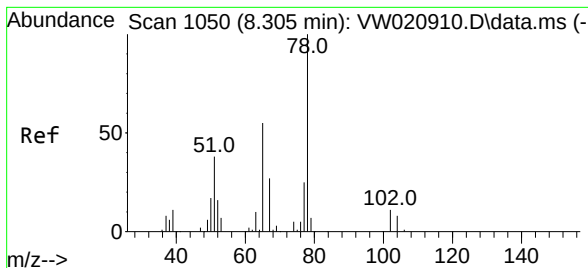
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#32
1,1,1-Trichloroethane
Concen: 23.232 ug/l
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion: 97 Resp: 26059
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 42.3 34.2 51.2





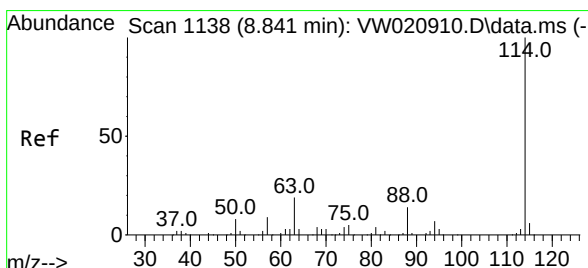
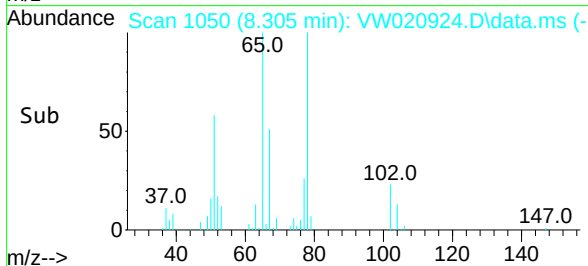
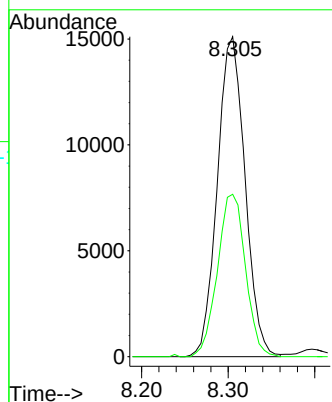
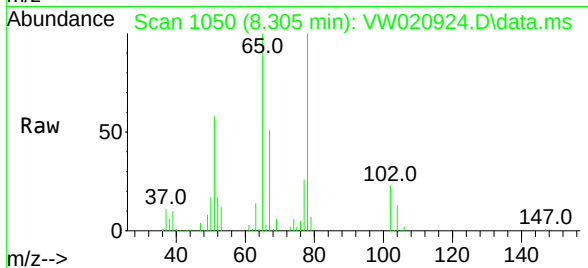
#33
1,2-Dichloroethane-d4
Concen: 47.762 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 65 Resp: 33540
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

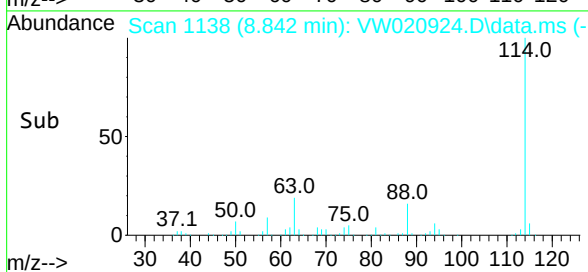
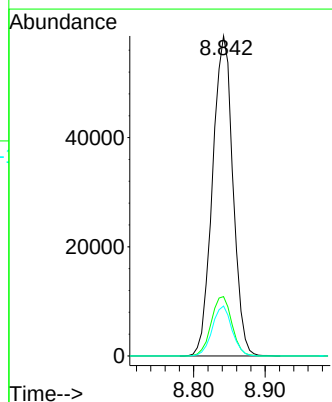
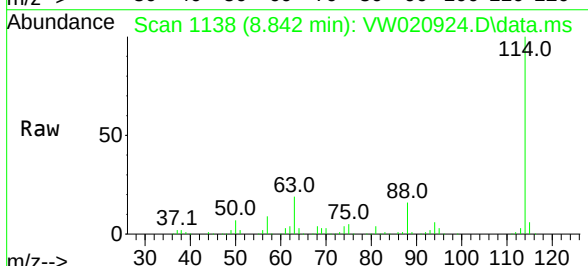
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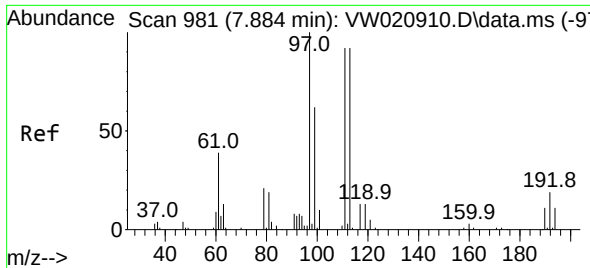
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

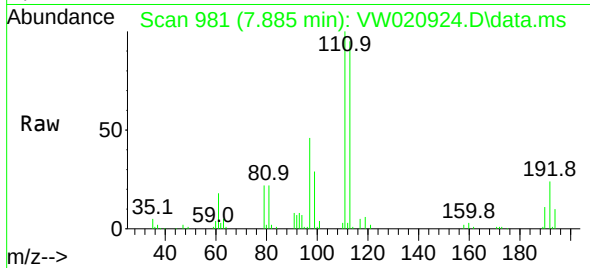
Tgt Ion:114 Resp: 116023
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.2
88 15.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 47.517 ug/l
RT: 7.885 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

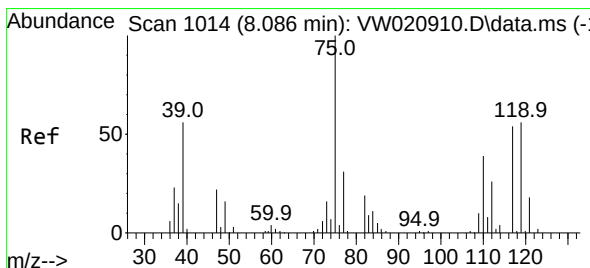
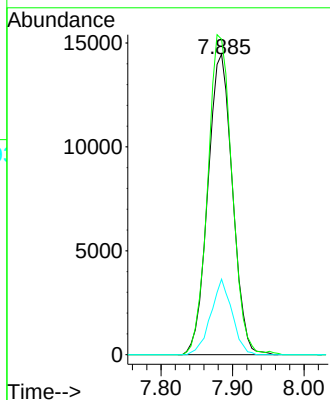
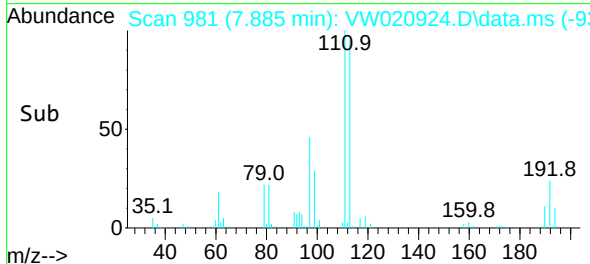
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



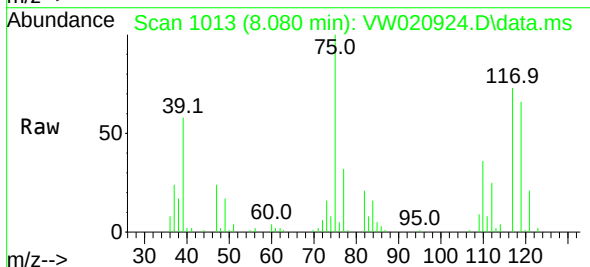
Tgt Ion:113 Resp: 3458
Ion Ratio Lower Upper
113 100
111 105.1 81.2 121.8
192 21.7 16.8 25.2

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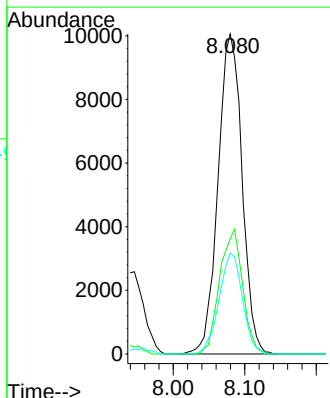
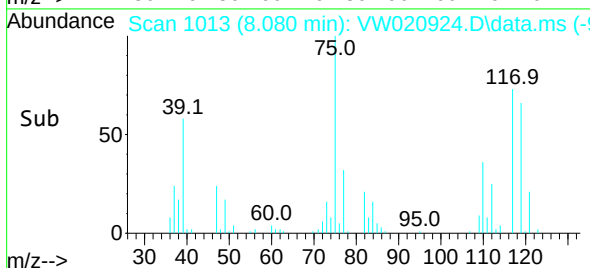
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

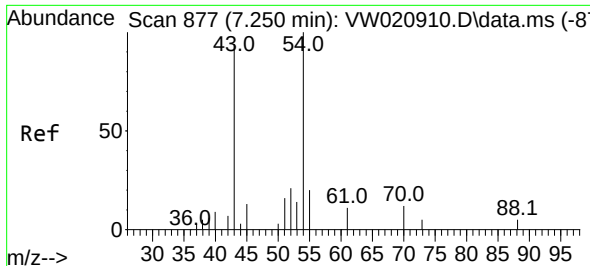


#36
1,1-Dichloropropene
Concen: 22.511 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



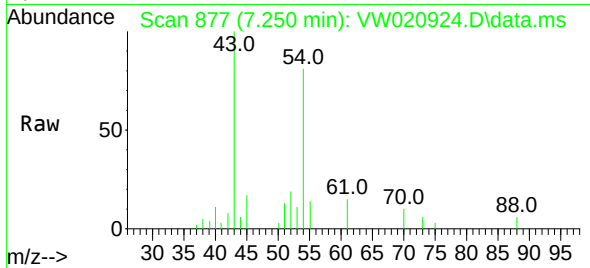
Tgt Ion: 75 Resp: 23463
Ion Ratio Lower Upper
75 100
110 37.3 19.1 57.5
77 30.5 24.8 37.2





#37
Ethyl Acetate
Concen: 18.209 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

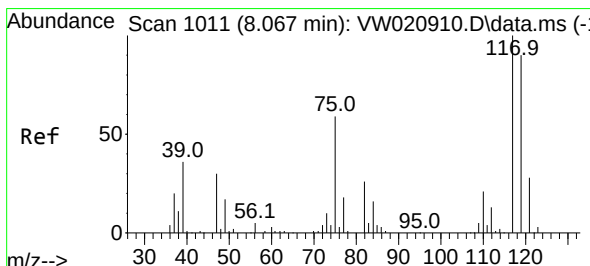
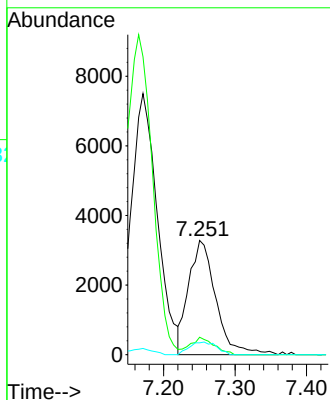
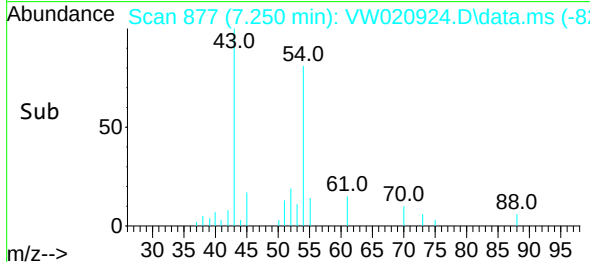
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



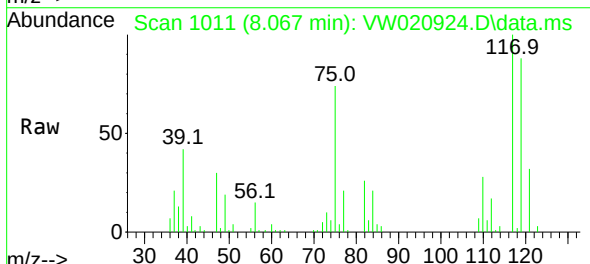
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
61 12.8 11.3 16.9
70 11.0 9.2 13.8

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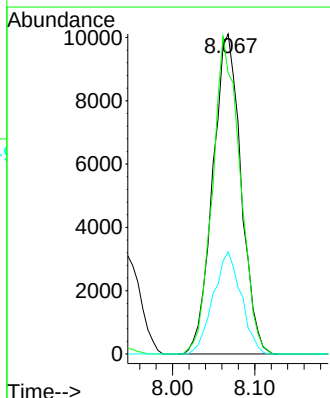
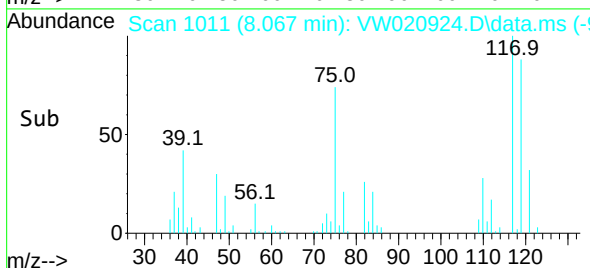
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

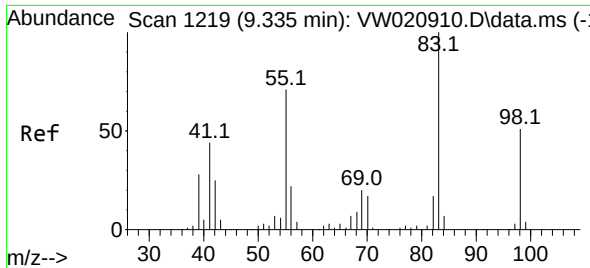


#38
Carbon Tetrachloride
Concen: 21.750 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



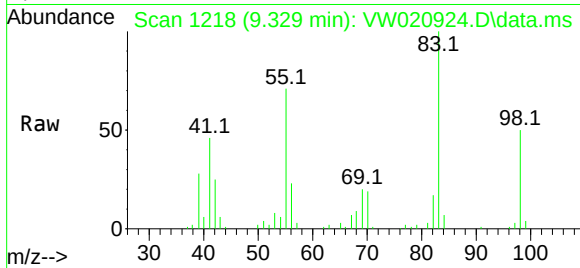
Tgt Ion:117 Resp: 24116
Ion Ratio Lower Upper
117 100
119 87.8 72.0 108.0
121 32.0 22.6 33.8





#39
Methylcyclohexane
Concen: 22.097 ug/l
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

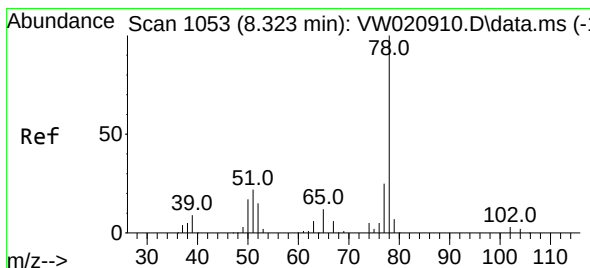
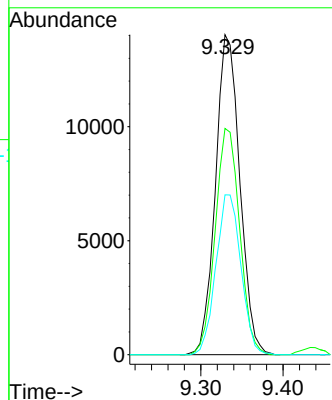
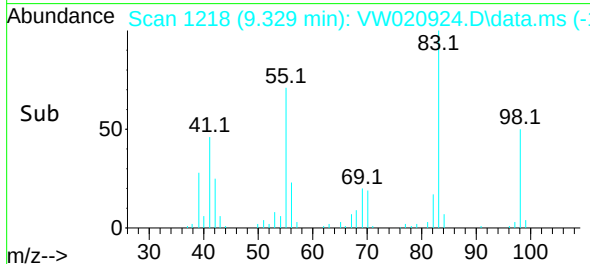
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 83 Resp: 28918
Ion Ratio Lower Upper
83 100
55 70.7 56.6 85.0
98 49.9 41.0 61.4

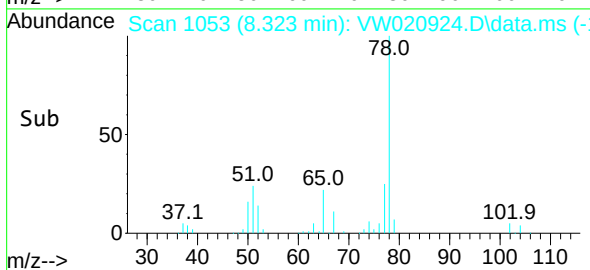
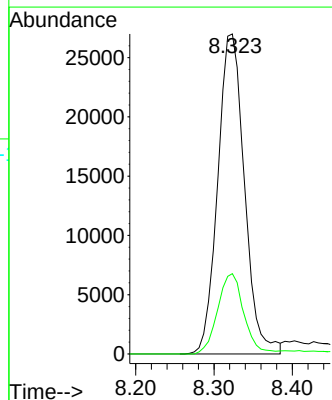
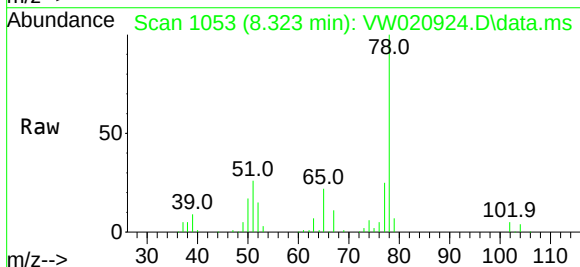
Manual Integrations
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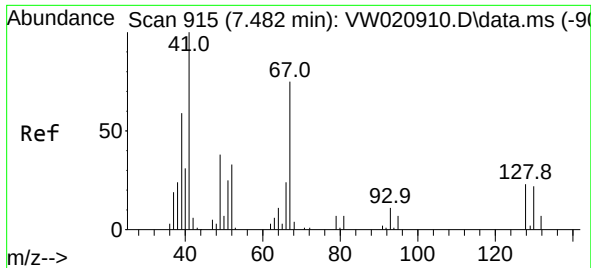
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#40
Benzene
Concen: 21.532 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

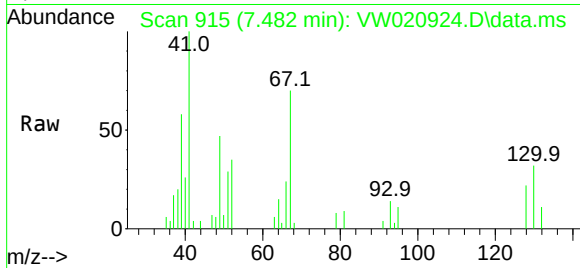
Tgt Ion: 78 Resp: 63989
Ion Ratio Lower Upper
78 100
77 25.1 20.0 30.0





#41
Methacrylonitrile
Concen: 17.508 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

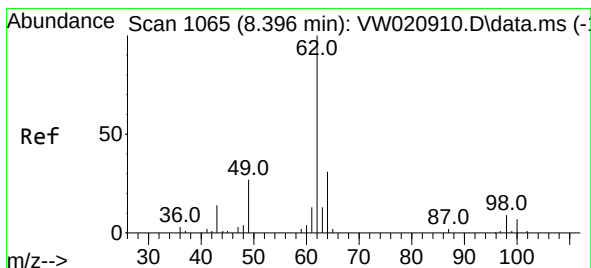
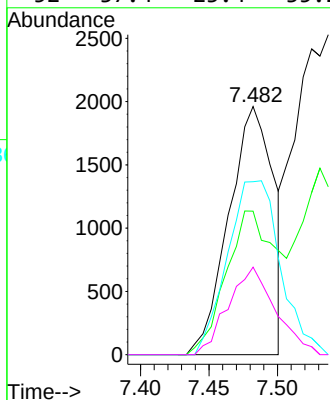
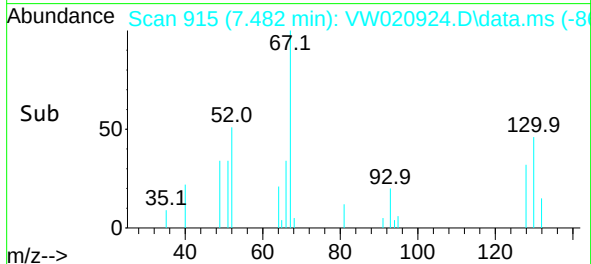
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



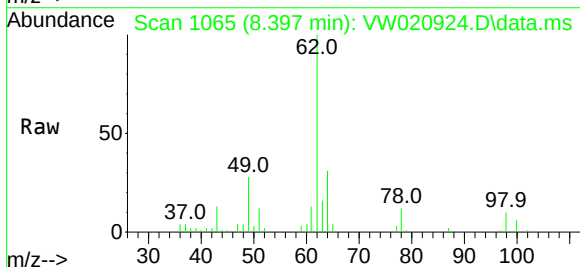
Tgt Ion: 41 Resp: 4438
Ion Ratio Lower Upper
41 100
39 66.8 42.9 64.3
67 83.0 56.2 84.4
52 37.4 23.4 35.2#

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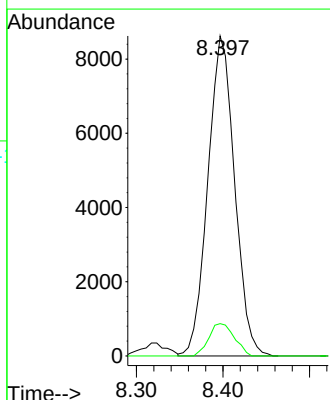
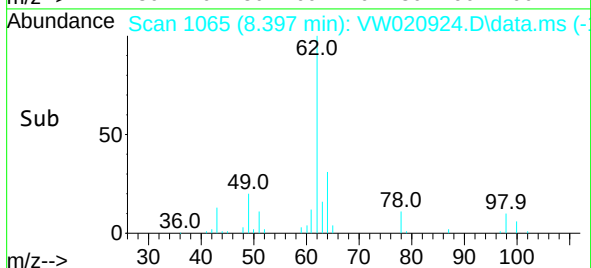
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

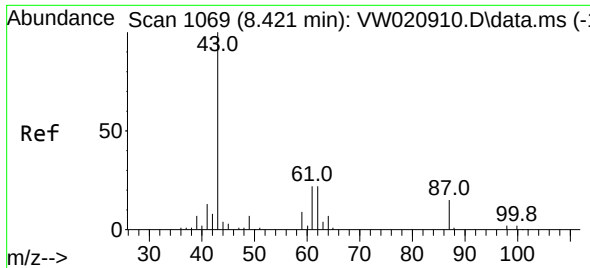


#42
1,2-Dichloroethane
Concen: 20.537 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



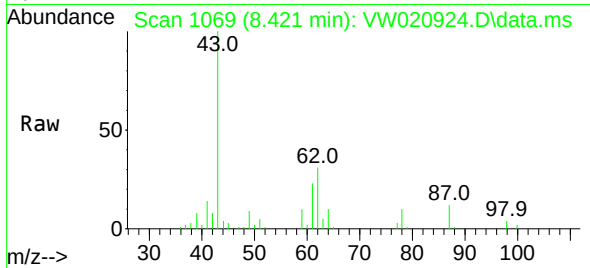
Tgt Ion: 62 Resp: 18514
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0





#43
Isopropyl Acetate
Concen: 18.186 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

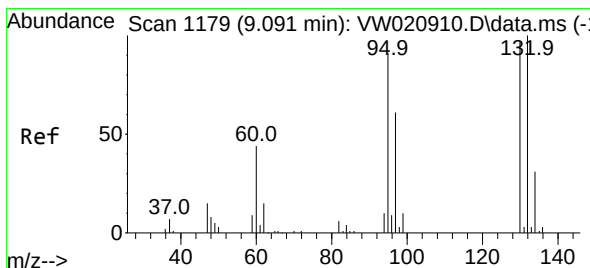
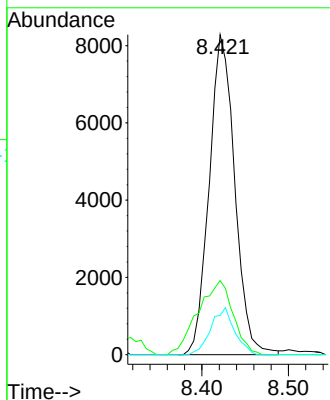
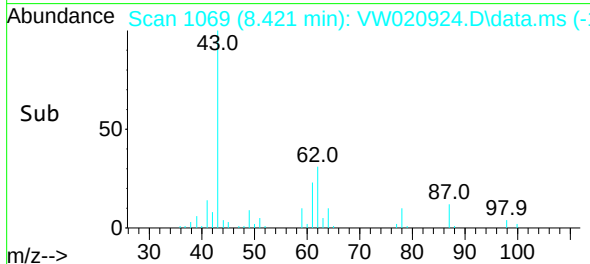
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 43 Resp: 16968
Ion Ratio Lower Upper
43 100
61 31.8 23.7 35.5
87 13.6 11.5 17.3

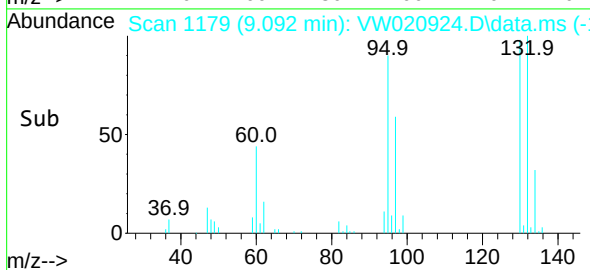
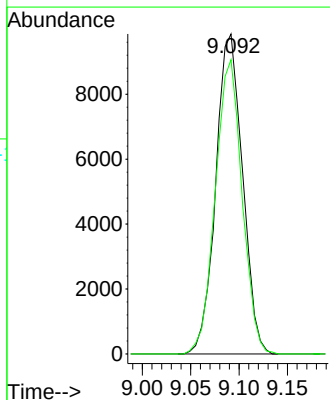
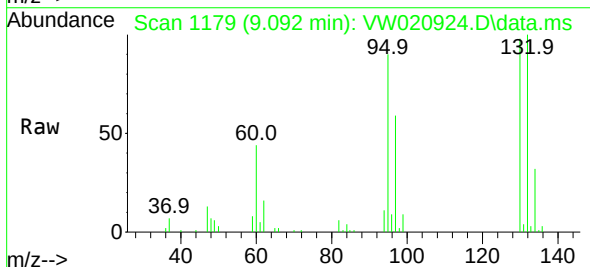
Manual Integrations
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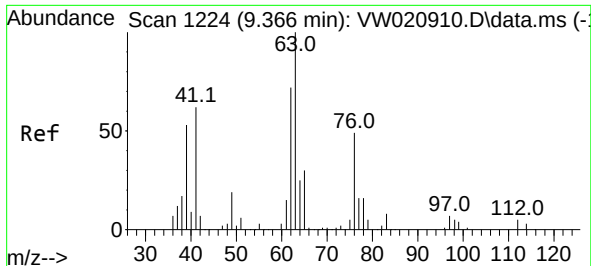
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#44
Trichloroethene
Concen: 21.830 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion:130 Resp: 18929
Ion Ratio Lower Upper
130 100
95 91.9 0.0 186.6





#45

1,2-Dichloropropane

Concen: 21.200 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

Tgt Ion: 63 Resp: 14510

Ion Ratio Lower Upper

63 100

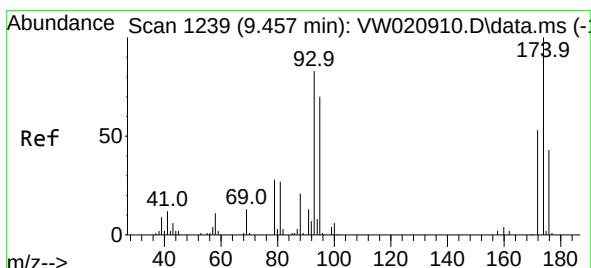
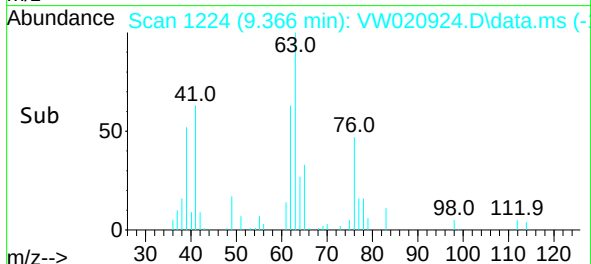
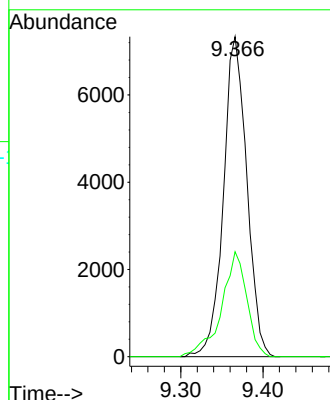
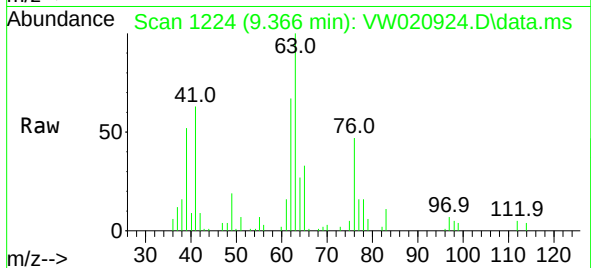
65 32.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#46

Dibromomethane

Concen: 20.072 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

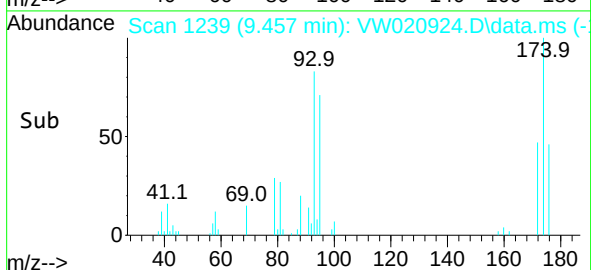
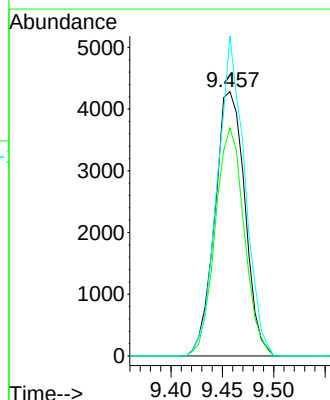
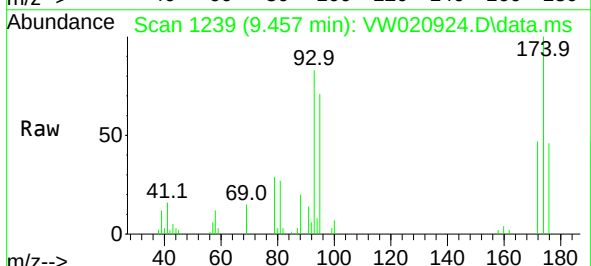
Tgt Ion: 93 Resp: 8704

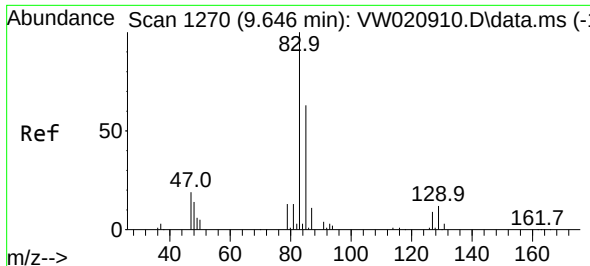
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

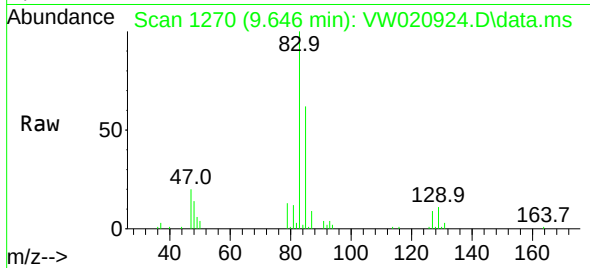
174 110.1 91.1 136.7





#47
Bromodichloromethane
Concen: 20.622 ug/l
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

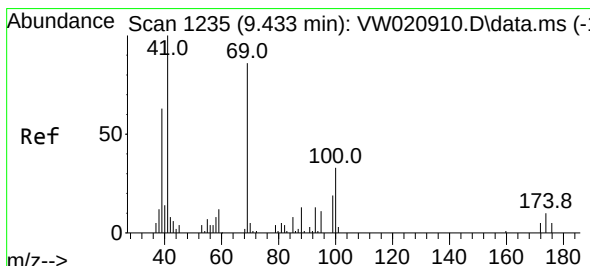
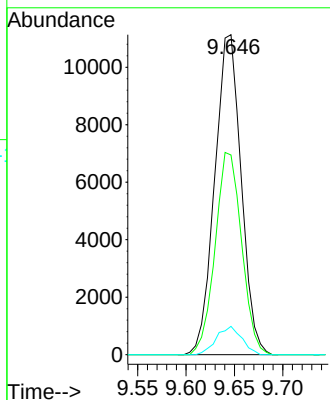
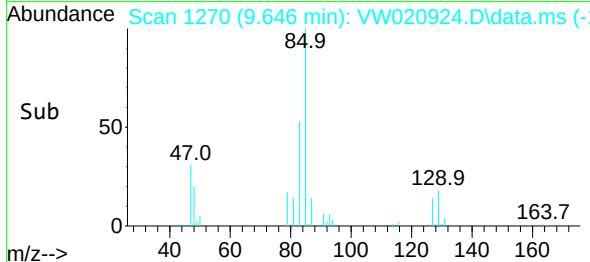
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



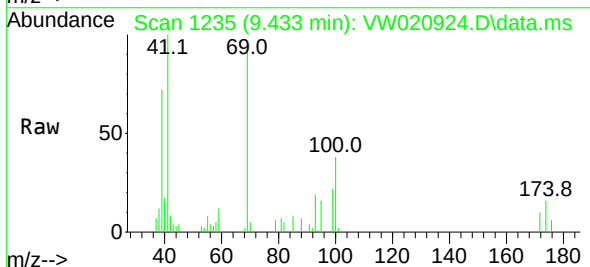
Tgt Ion: 83 Resp: 2115
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5
127 8.8 7.1 10.7

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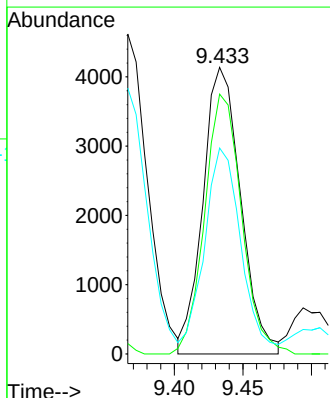
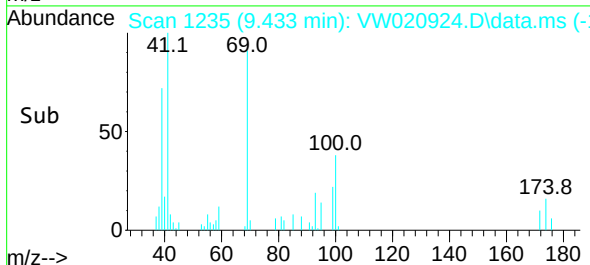
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

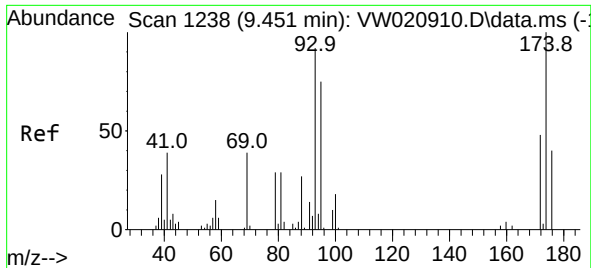


#48
Methyl methacrylate
Concen: 19.103 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



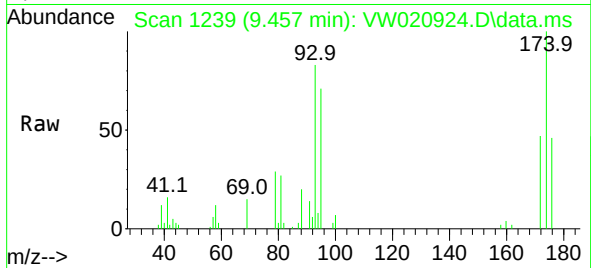
Tgt Ion: 41 Resp: 7929
Ion Ratio Lower Upper
41 100
69 88.8 72.9 109.3
39 63.6 54.2 81.4





#49
1,4-Dioxane
Concen: 380.420 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

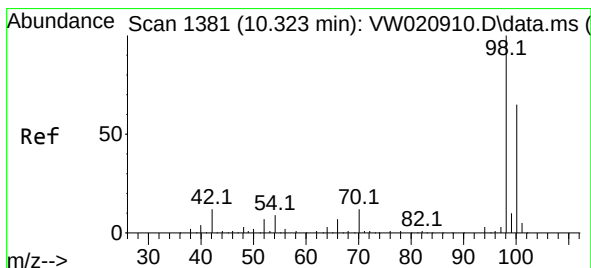
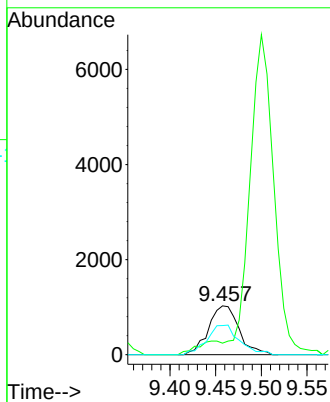
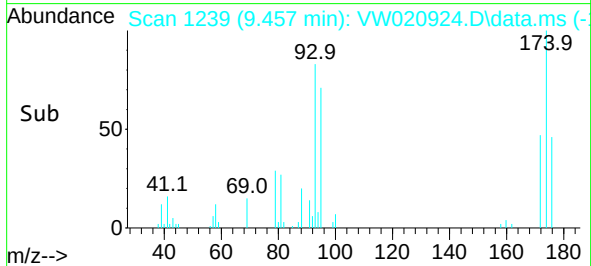
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
43 24.1 26.6 39.8
58 63.9 51.8 77.8

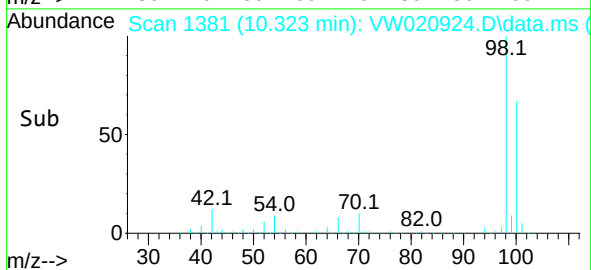
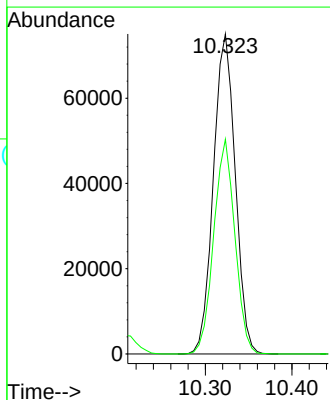
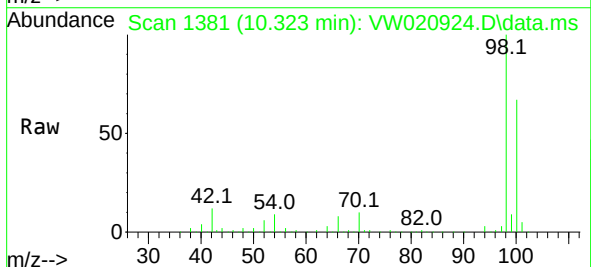
Manual Integrations
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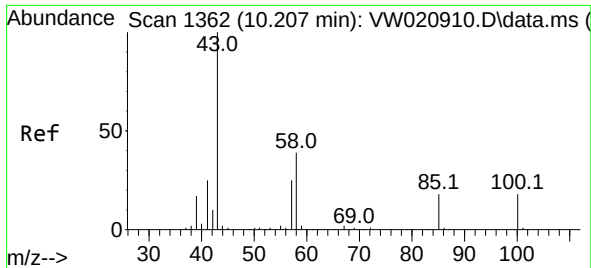
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion: 98 Resp: 131518
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0





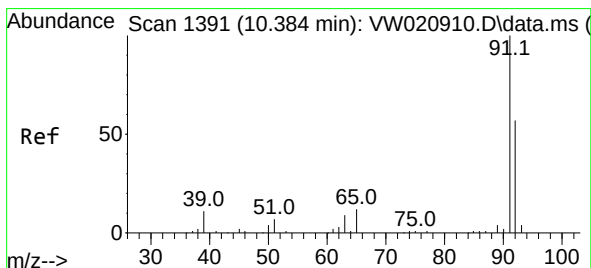
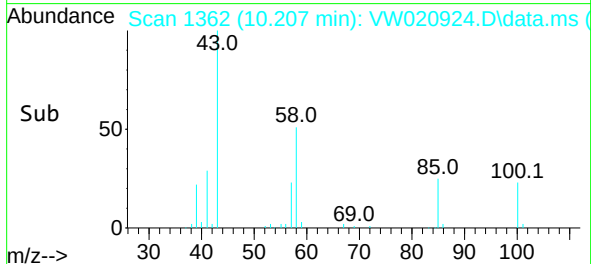
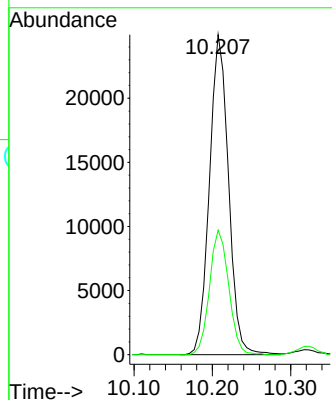
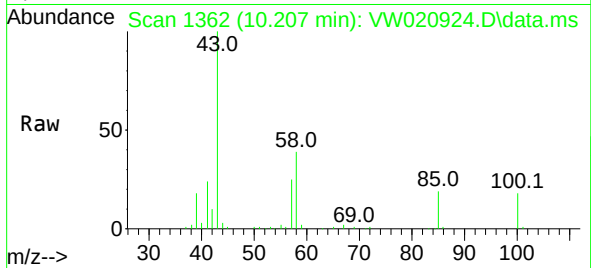
#51
4-Methyl-2-Pentanone
Concen: 88.727 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 43 Resp: 42150
Ion Ratio Lower Upper
43 100
58 39.2 30.9 46.3

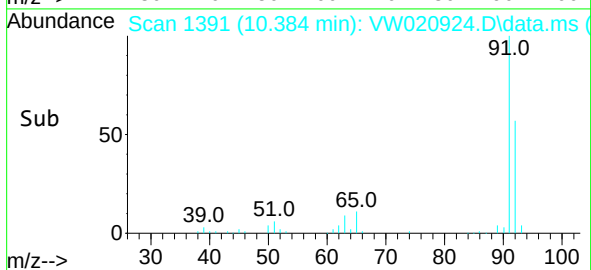
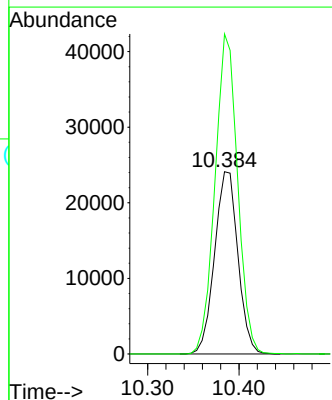
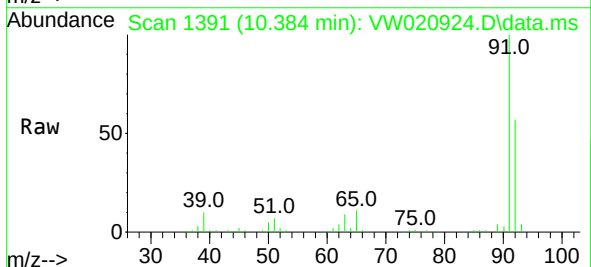
Manual Integrations
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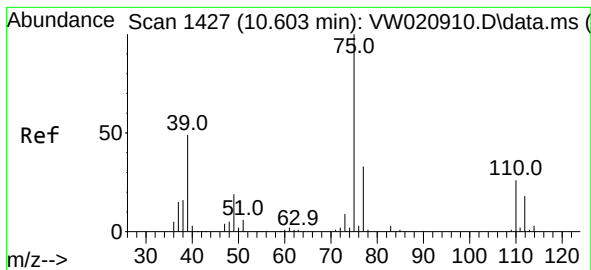
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#52
Toluene
Concen: 22.378 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

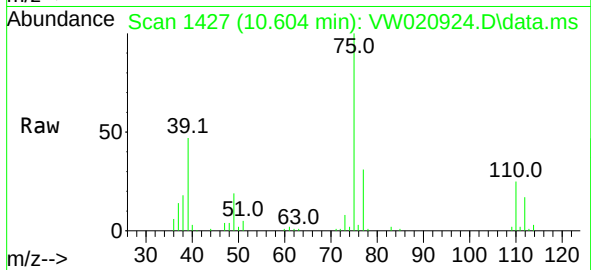
Tgt Ion: 92 Resp: 42750
Ion Ratio Lower Upper
92 100
91 170.0 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 20.094 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

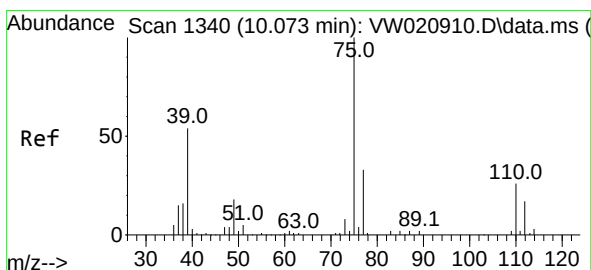
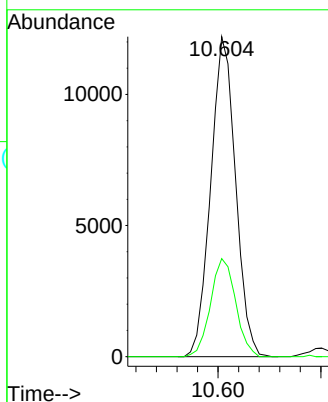
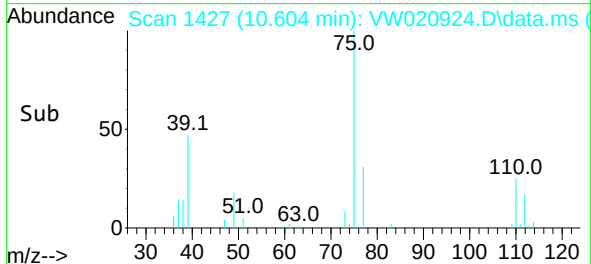
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 75 Resp: 20468
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1

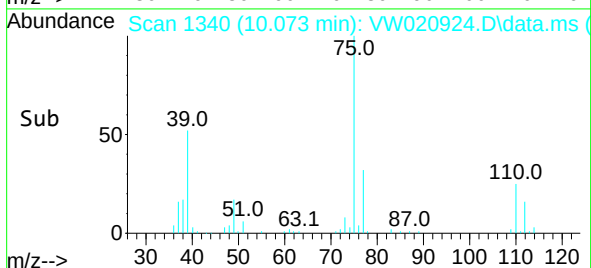
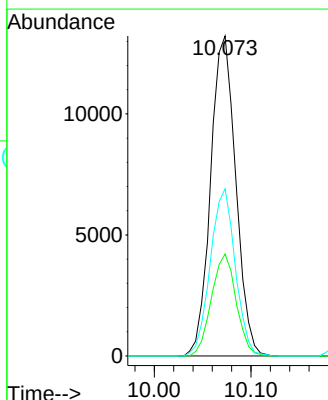
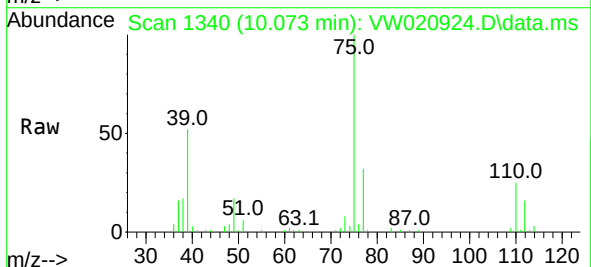
Manual Integrations
APPROVED

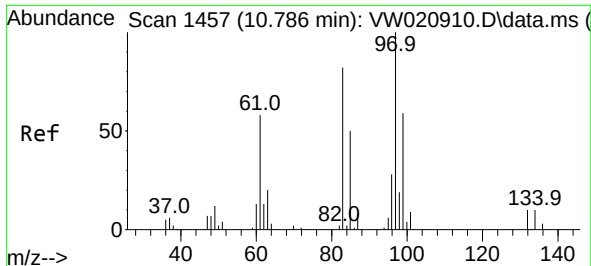
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#54
cis-1,3-Dichloropropene
Concen: 20.713 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

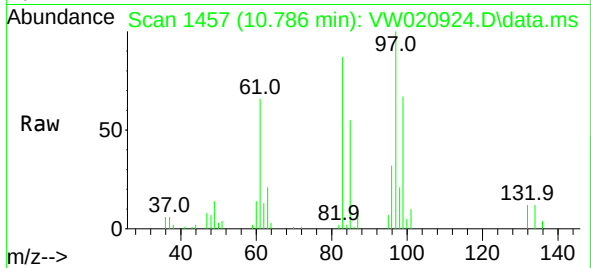
Tgt Ion: 75 Resp: 23877
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
39 52.3 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 19.881 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

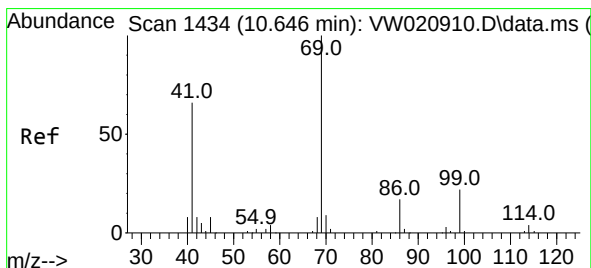
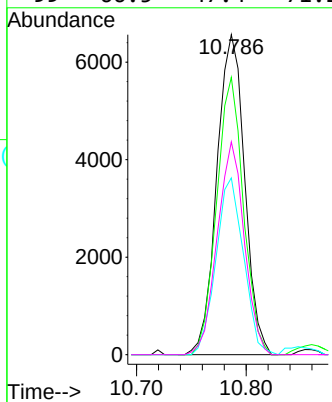
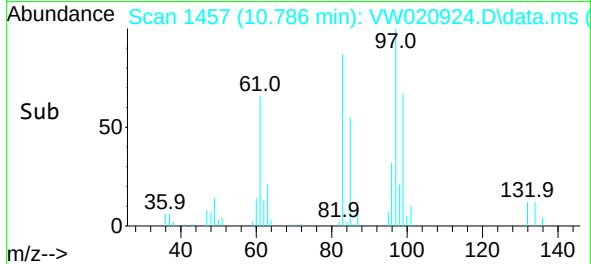
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.4	98.2
85	55.2	39.9	59.9
99	66.5	47.4	71.2

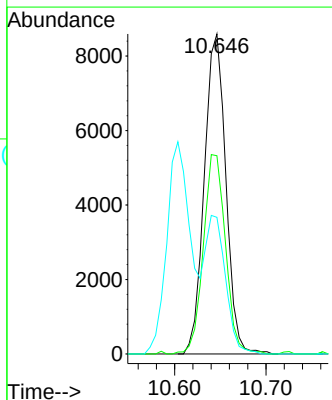
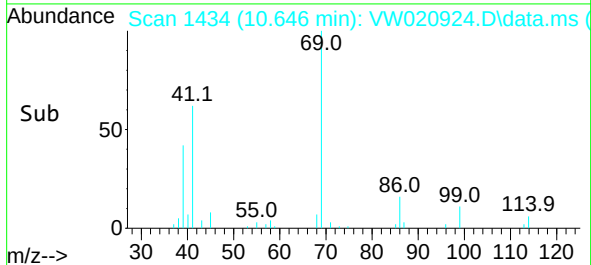
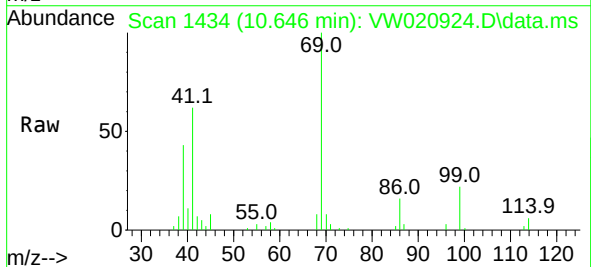
Manual Integrations
APPROVED

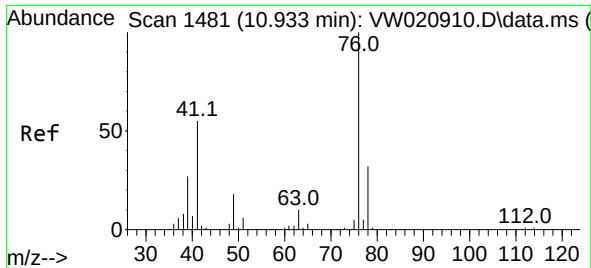
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#56
Ethyl methacrylate
Concen: 18.958 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.9	79.3
39	40.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 20.060 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

Tgt Ion: 76 Resp: 1963

Ion Ratio Lower Upper

76 100

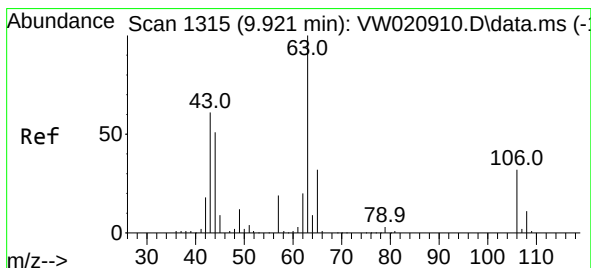
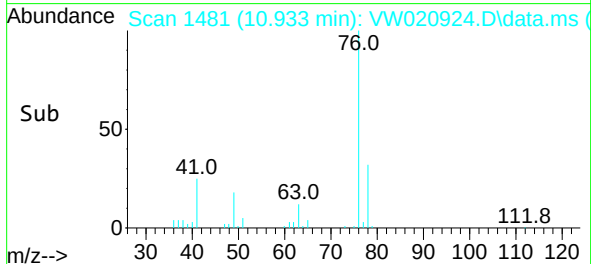
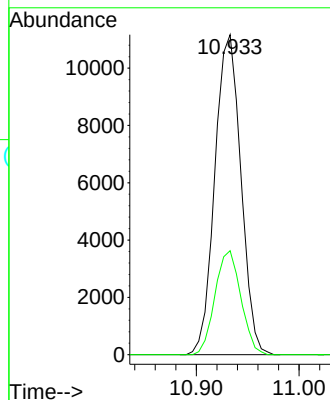
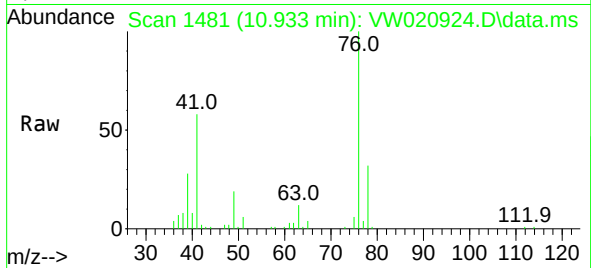
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#58

2-Chloroethyl Vinyl ether

Concen: 88.770 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020924.D

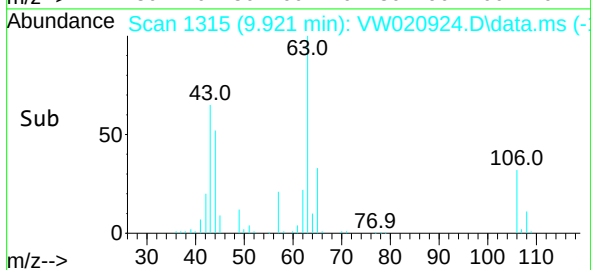
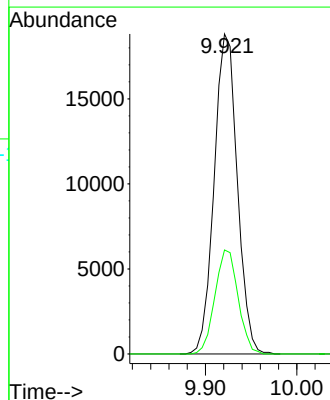
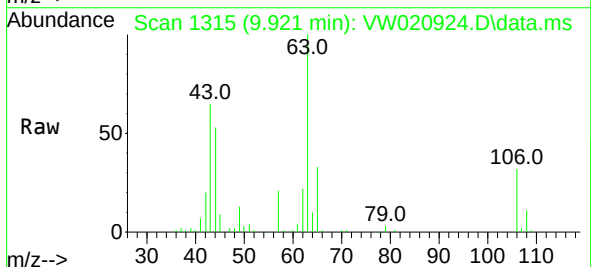
Acq: 18 Nov 2021 13:32

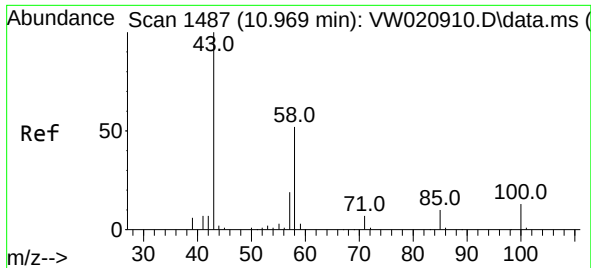
Tgt Ion: 63 Resp: 33072

Ion Ratio Lower Upper

63 100

106 32.5 26.3 39.5





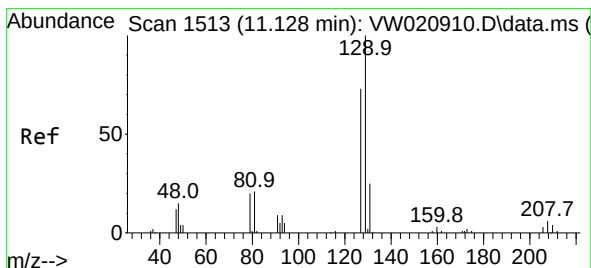
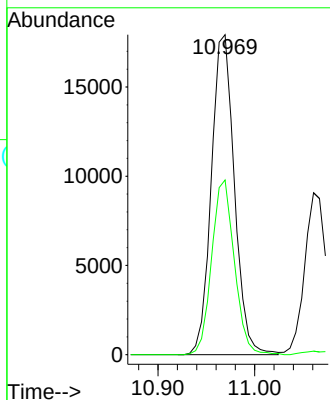
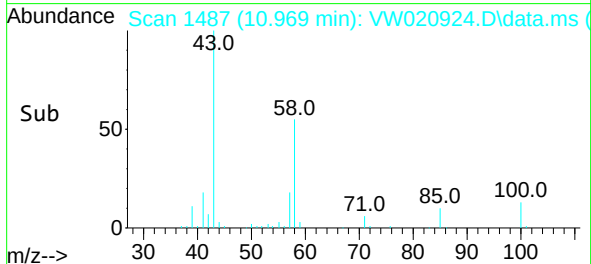
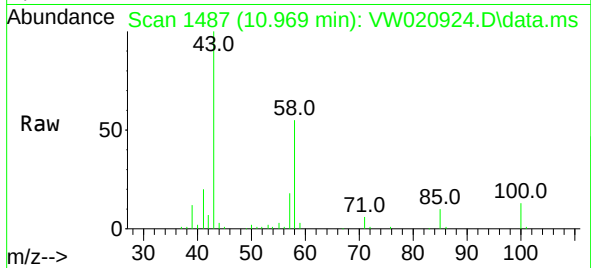
#59
2-Hexanone
Concen: 89.878 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 43 Resp: 2970
Ion Ratio Lower Upper
43 100
58 53.8 26.7 80.0

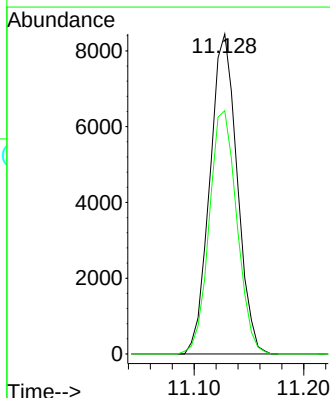
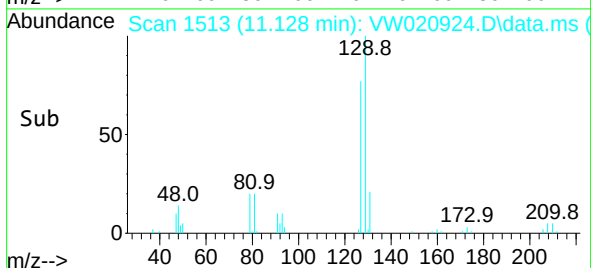
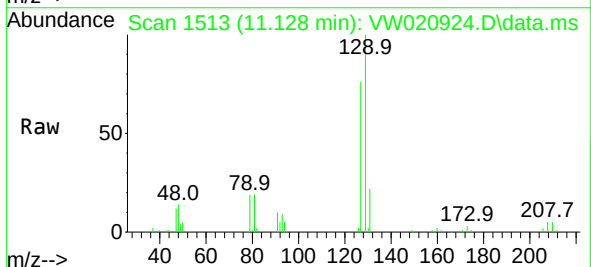
Manual Integrations
APPROVED

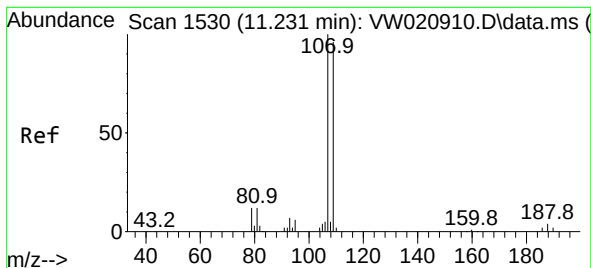
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#60
Dibromochloromethane
Concen: 19.931 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

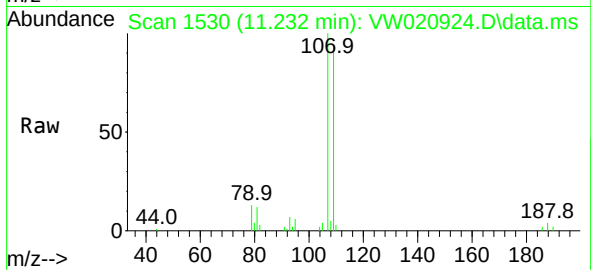
Tgt Ion:129 Resp: 14608
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61
1,2-Dibromoethane
Concen: 19.776 ug/l
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

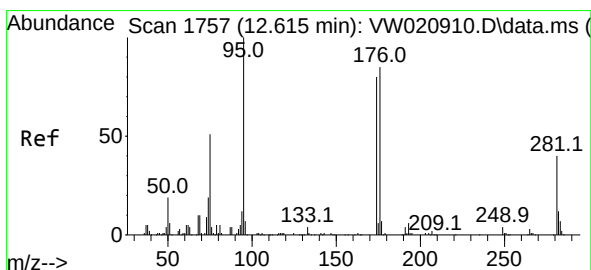
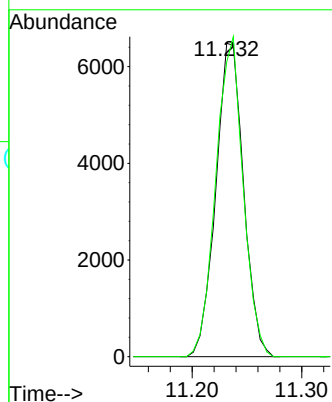
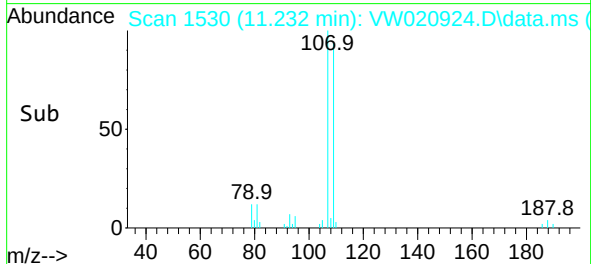
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



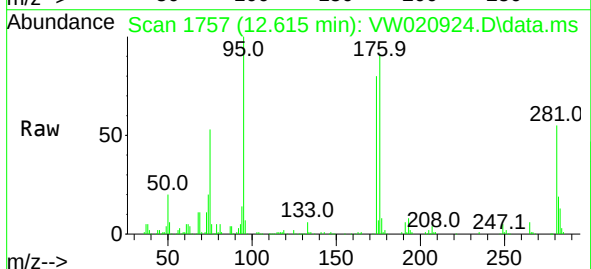
Tgt Ion:107 Resp: 1140
Ion Ratio Lower Upper
107 100
109 100.1 74.1 111.1

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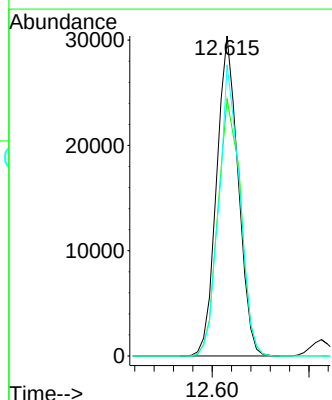
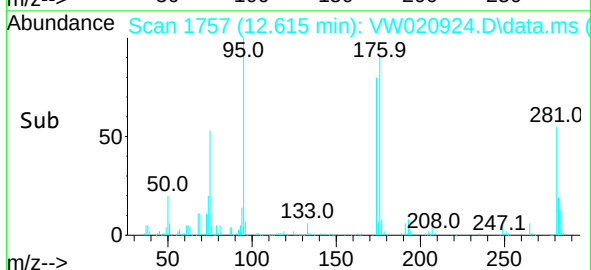
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

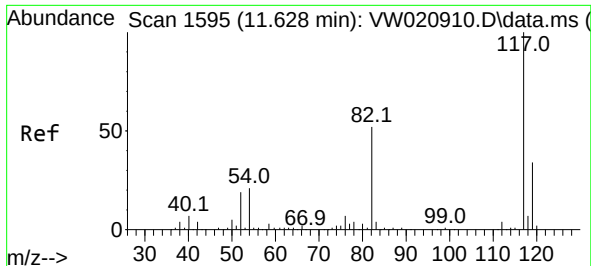


#62
4-Bromofluorobenzene
Concen: 47.228 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



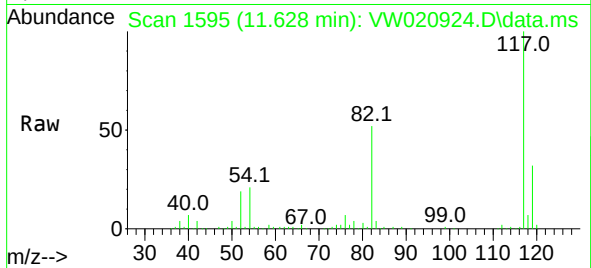
Tgt Ion: 95 Resp: 47012
Ion Ratio Lower Upper
95 100
174 85.4 0.0 171.2
176 87.9 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

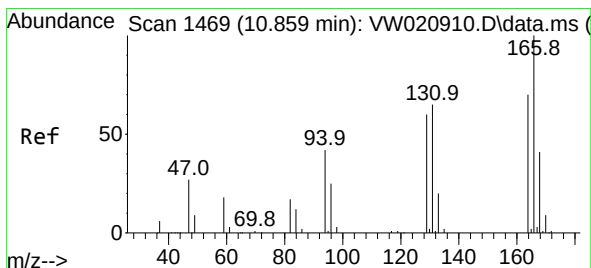
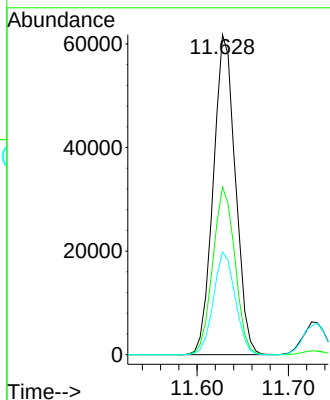
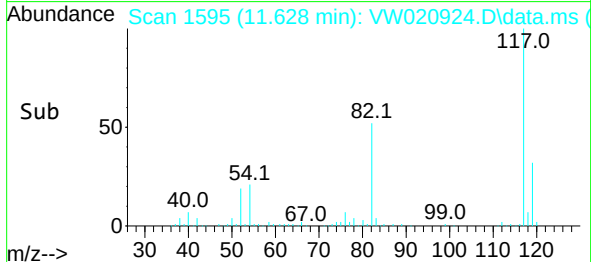
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



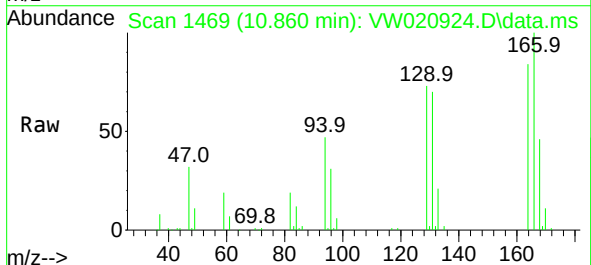
Tgt Ion:117 Resp: 10363
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 32.0 27.2 40.8

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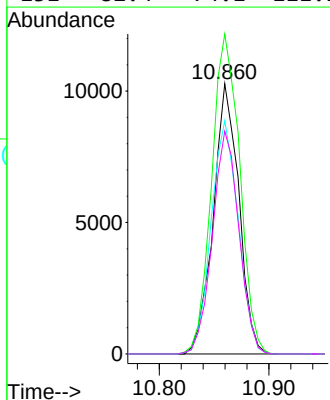
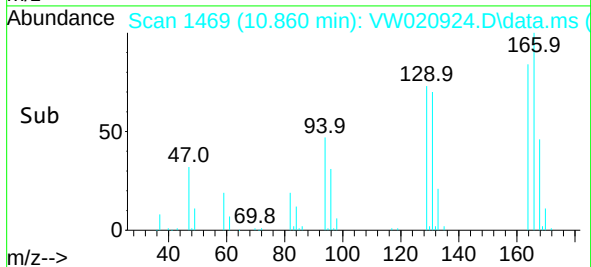
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

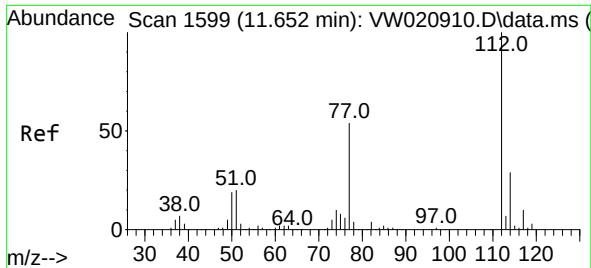


#64
Tetrachloroethene
Concen: 21.642 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



Tgt Ion:164 Resp: 16663
Ion Ratio Lower Upper
164 100
166 118.4 114.4 171.6
129 86.3 68.3 102.5
131 82.4 74.1 111.1





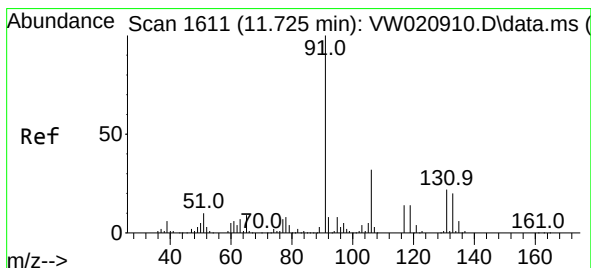
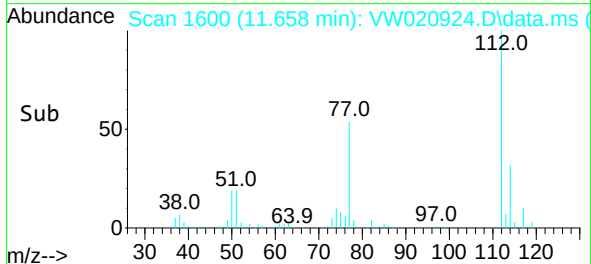
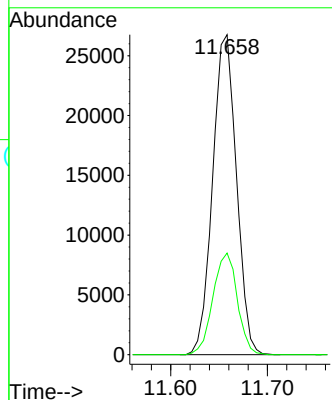
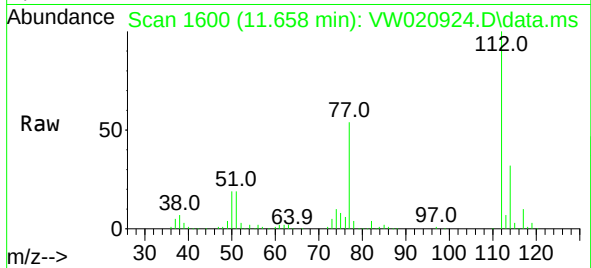
#65
Chlorobenzene
Concen: 21.978 ug/l
RT: 11.658 min Scan# 11658
Delta R.T. 0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion:112 Resp: 45792
Ion Ratio Lower Upper
112 100
114 31.7 23.0 34.6

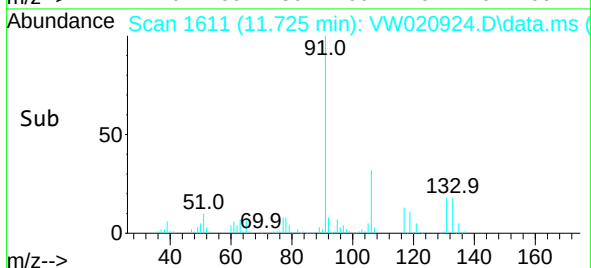
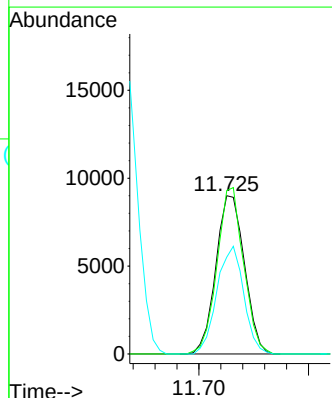
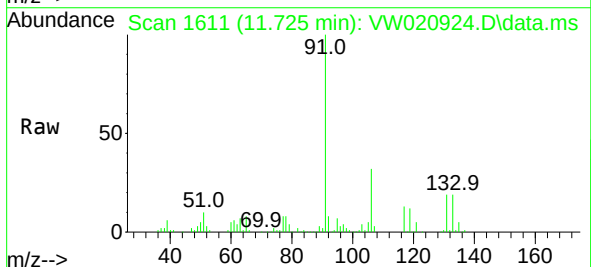
Manual Integrations
APPROVED

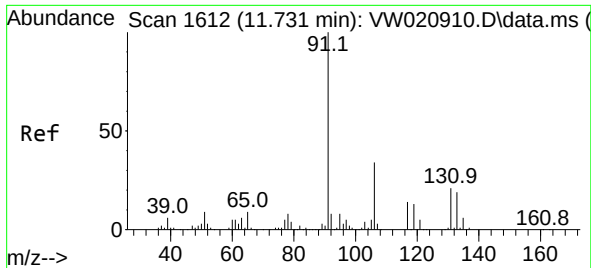
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.072 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

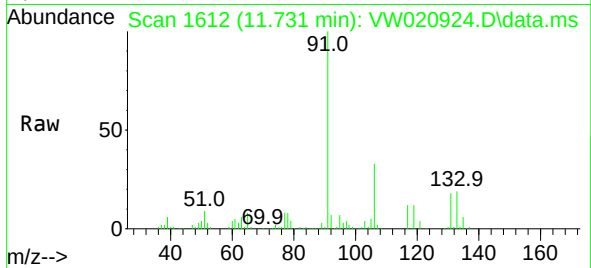
Tgt Ion:131 Resp: 16325
Ion Ratio Lower Upper
131 100
133 97.6 46.6 139.7
119 63.8 32.2 96.6





#67
Ethyl Benzene
Concen: 22.559 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

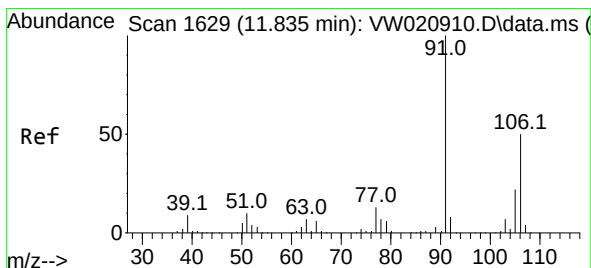
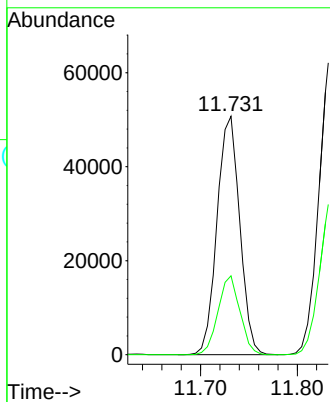
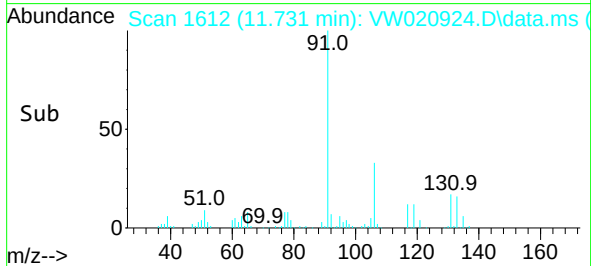
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



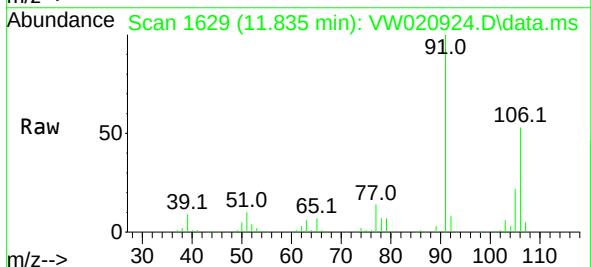
Tgt Ion: 91 Resp: 8248
Ion Ratio Lower Upper
91 100
106 33.1 27.3 40.9

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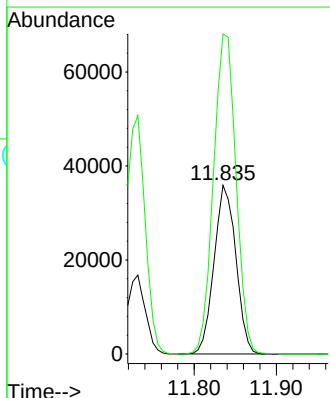
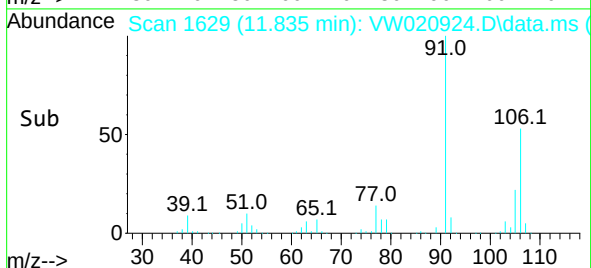
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

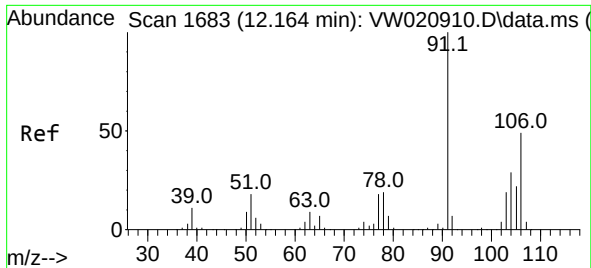


#68
m/p-Xylenes
Concen: 44.701 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



Tgt Ion:106 Resp: 66079
Ion Ratio Lower Upper
106 100
91 196.1 157.8 236.8





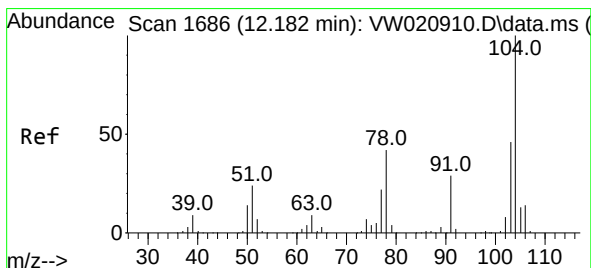
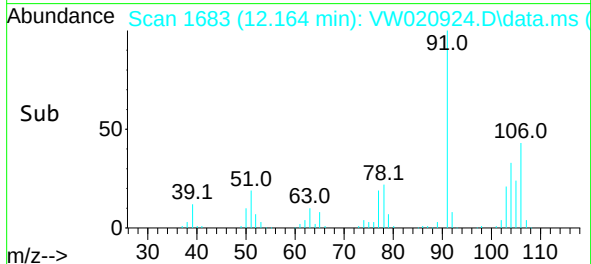
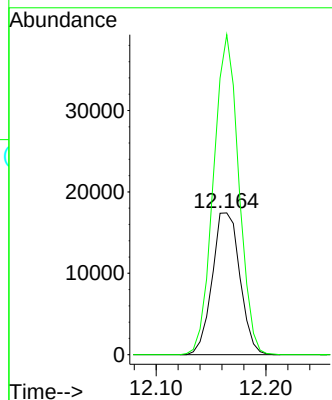
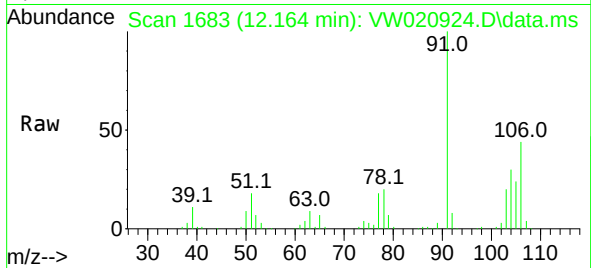
#69
o-Xylene
Concen: 21.984 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion:106 Resp: 3047
Ion Ratio Lower Upper
106 100
91 206.8 104.3 312.9

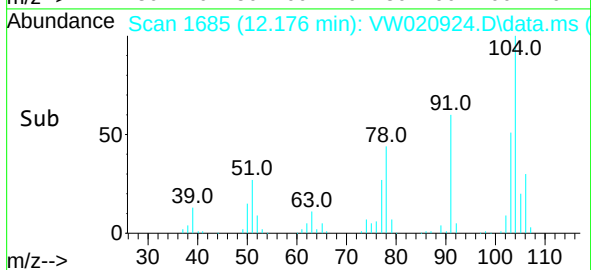
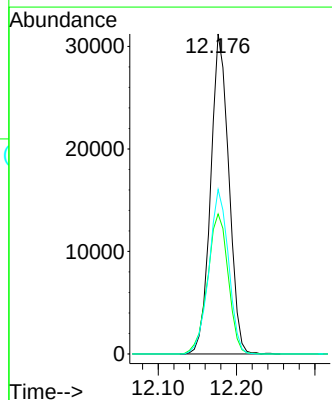
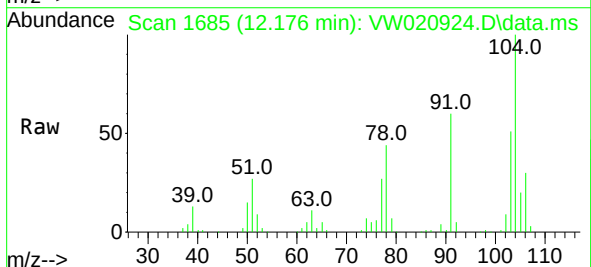
Manual Integrations
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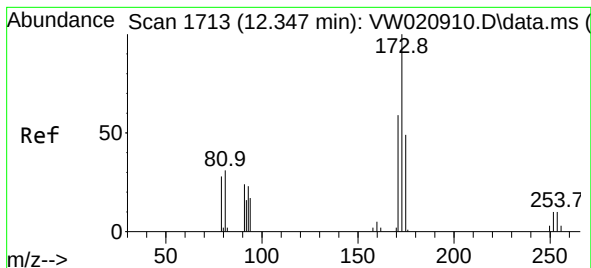
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#70
Styrene
Concen: 21.582 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion:104 Resp: 50245
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 55.2 42.6 63.8





#71

Bromoform

Concen: 19.231 ug/l

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

Instrument :

MSVOA_W

ClientSampleId :

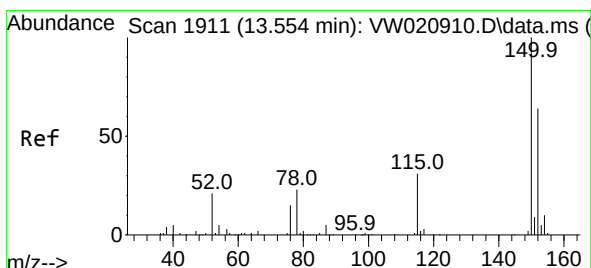
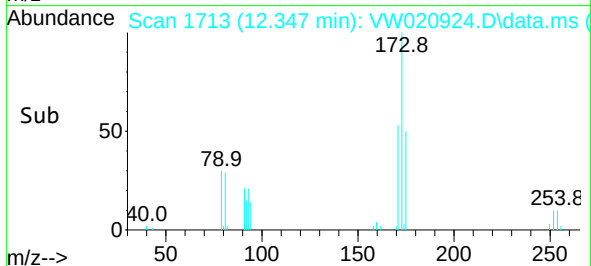
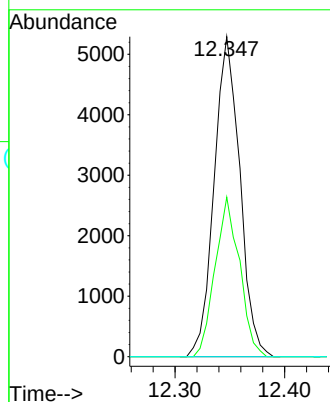
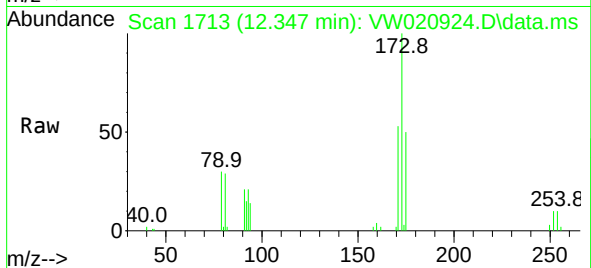
VW1118SBS01

Tgt Ion:173	Resp:	861
Ion Ratio	Lower	Upper
173	100	
175	47.5	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

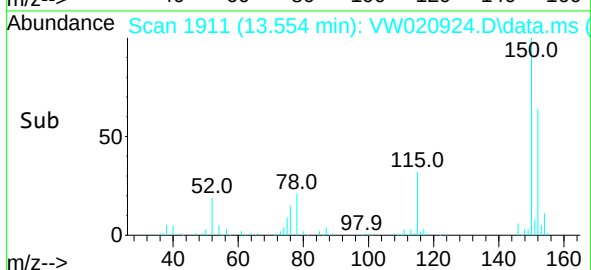
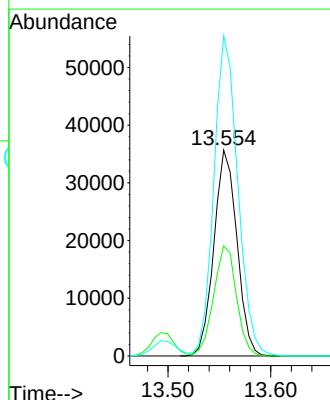
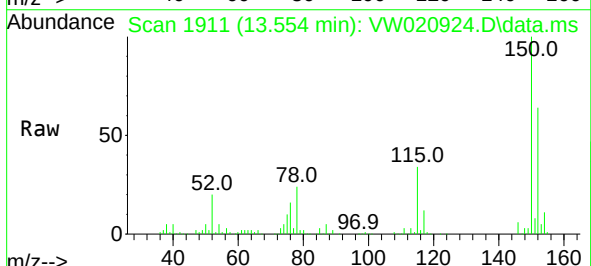
RT: 13.554 min Scan# 1911

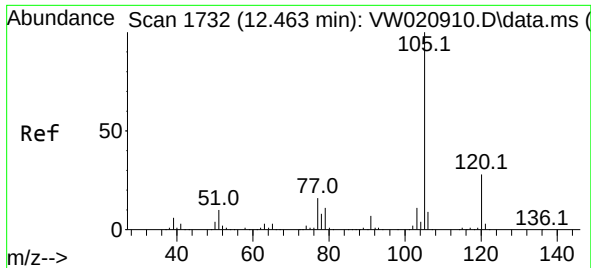
Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

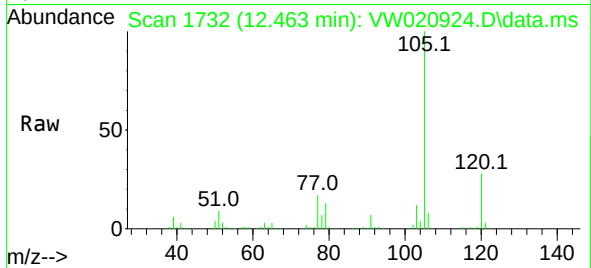
Tgt Ion:152	Resp:	55435
Ion Ratio	Lower	Upper
152	100	
115	53.0	27.8 83.3
150	161.8	0.0 348.4





#73
Isopropylbenzene
Concen: 21.716 ug/l
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

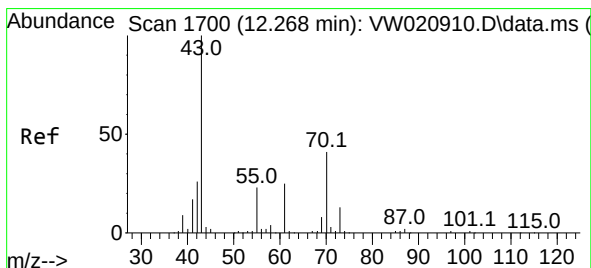
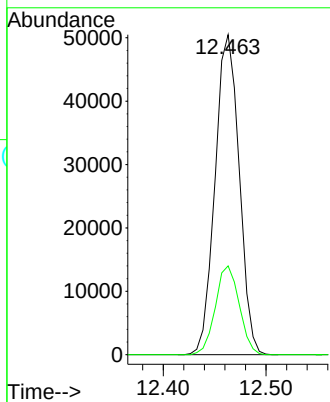
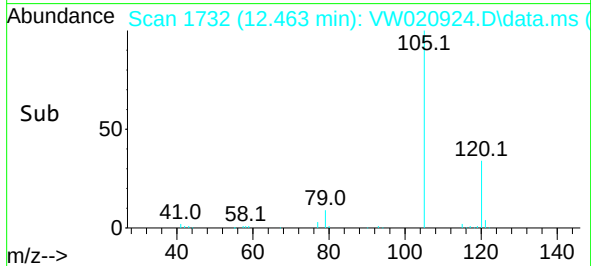
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion:105 Resp: 8226
Ion Ratio Lower Upper
105 100
120 27.4 13.9 41.7

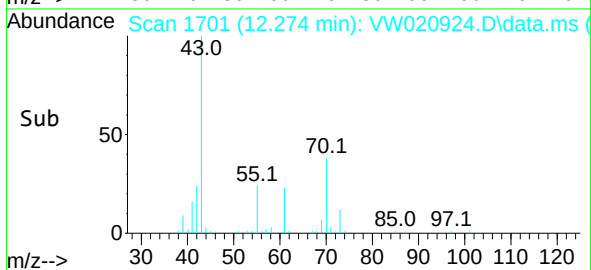
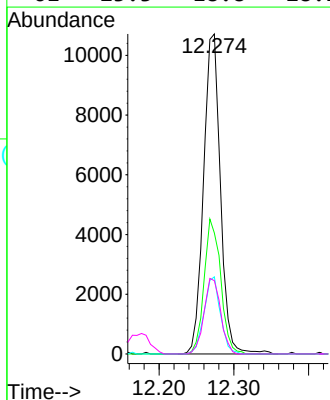
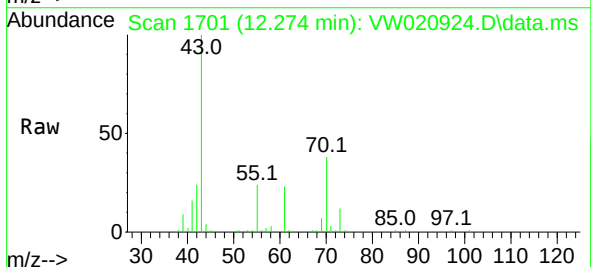
Manual Integrations
APPROVED

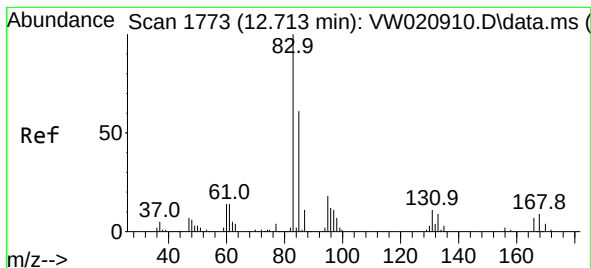
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#74
N-ethyl acetate
Concen: 18.644 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

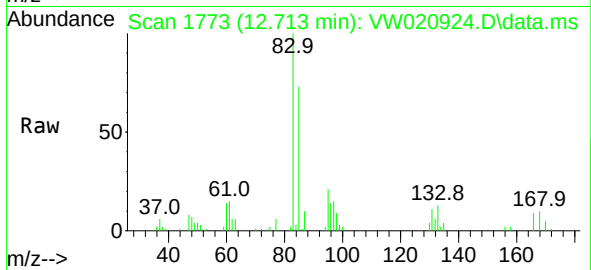
Tgt Ion: 43 Resp: 16823
Ion Ratio Lower Upper
43 100
70 41.3 33.7 50.5
55 23.2 18.5 27.7
61 23.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.056 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

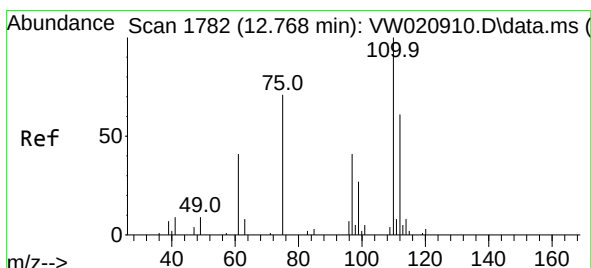
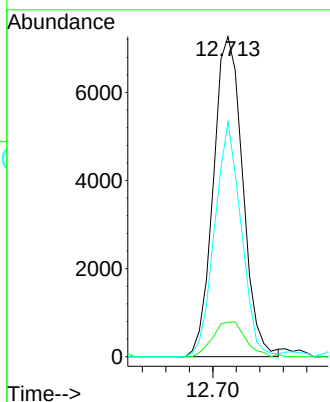
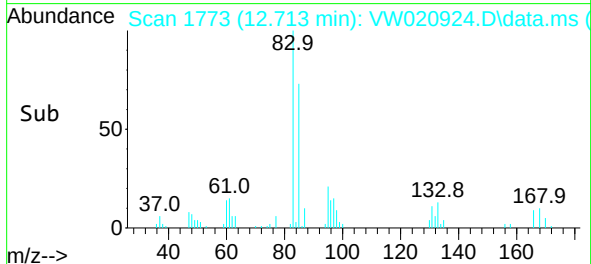
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 83 Resp: 12594
Ion Ratio Lower Upper
83 100
131 12.2 5.9 17.6
85 66.3 32.0 96.0

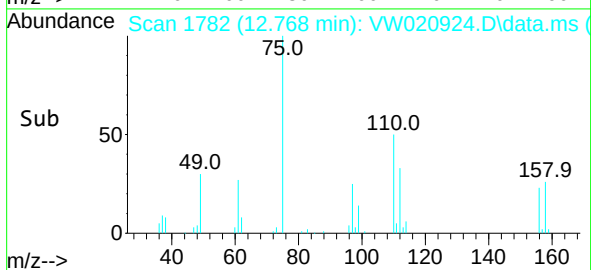
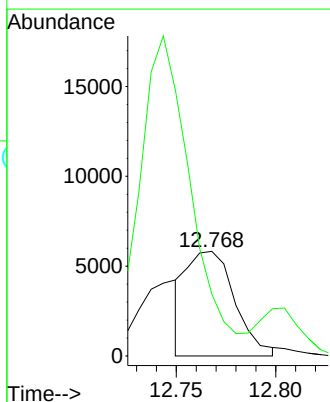
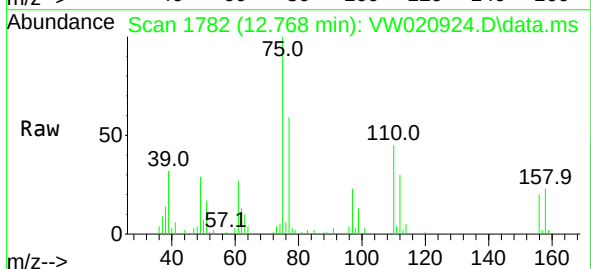
Manual Integrations
APPROVED

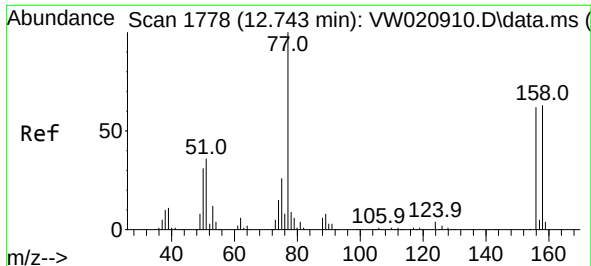
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#76
1,2,3-Trichloropropane
Concen: 19.746 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

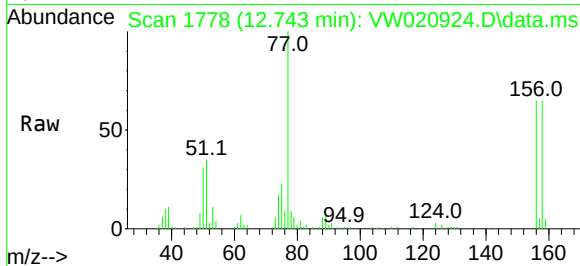
Tgt Ion: 75 Resp: 9835
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.648 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

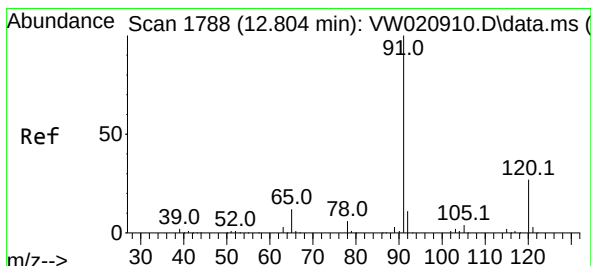
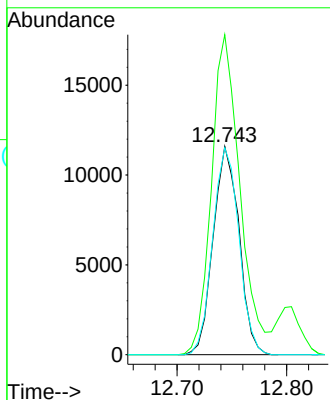
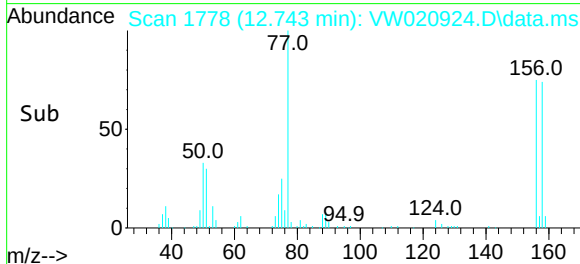
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



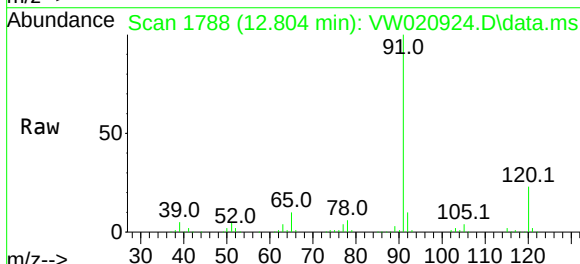
Tgt Ion: 156 Resp: 1899
Ion Ratio Lower Upper
156 100
77 167.9 87.0 261.0
158 100.9 49.8 149.4

Manual Integrations
APPROVED

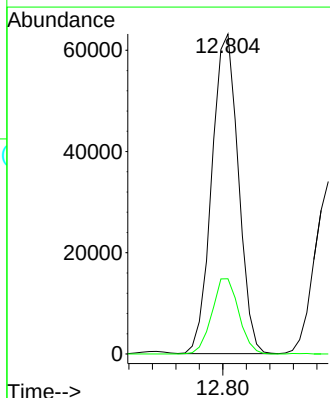
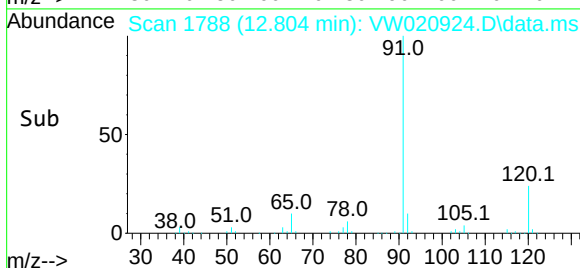
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

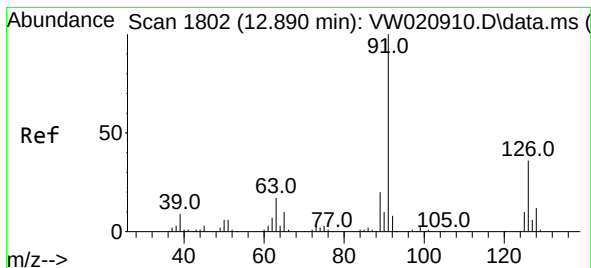


#78
n-propylbenzene
Concen: 22.247 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



Tgt Ion: 91 Resp: 99263
Ion Ratio Lower Upper
91 100
120 23.8 12.4 37.4





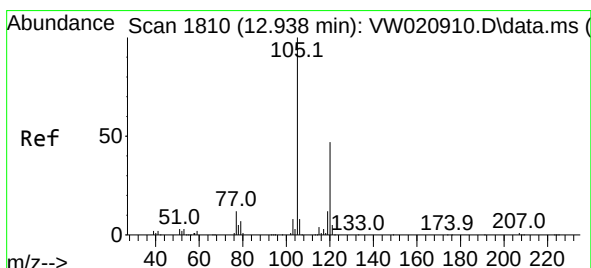
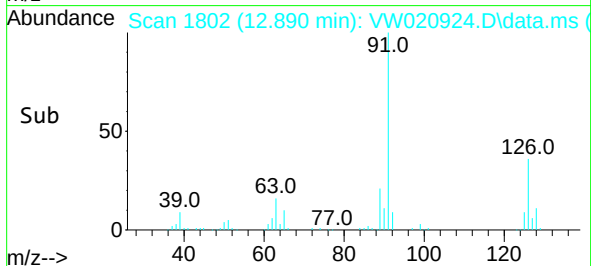
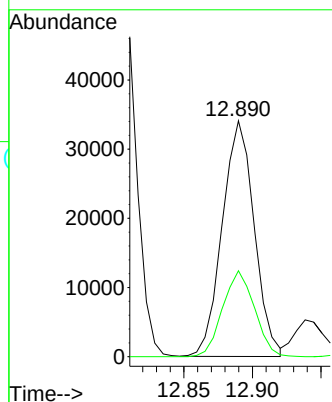
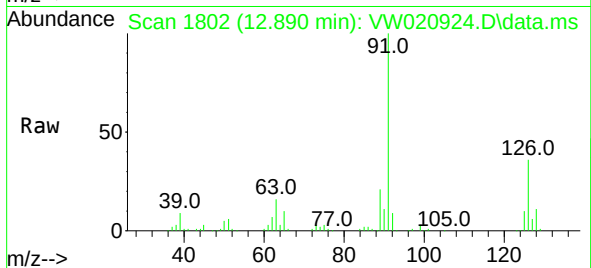
#79
2-Chlorotoluene
Concen: 21.433 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 91 Resp: 5527
Ion Ratio Lower Upper
91 100
126 36.2 18.0 54.0

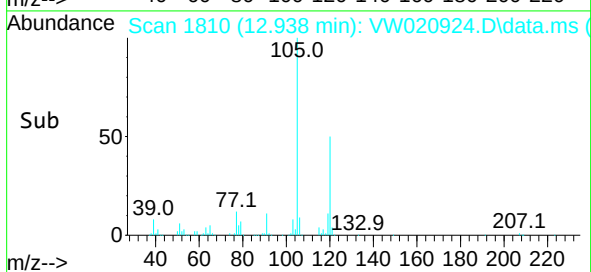
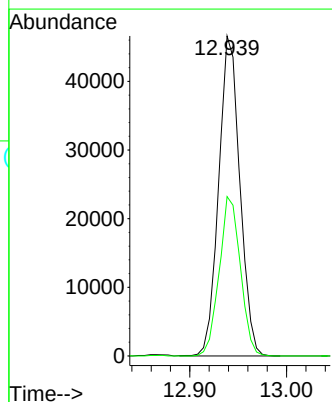
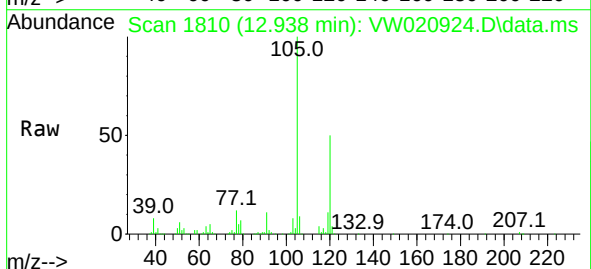
Manual Integrations
APPROVED

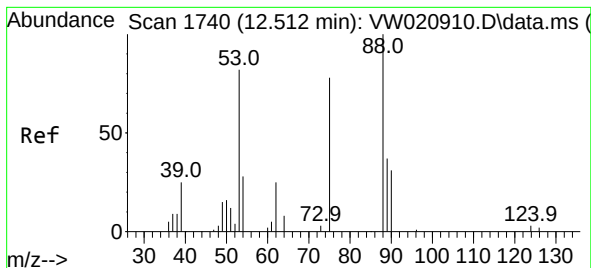
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.745 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

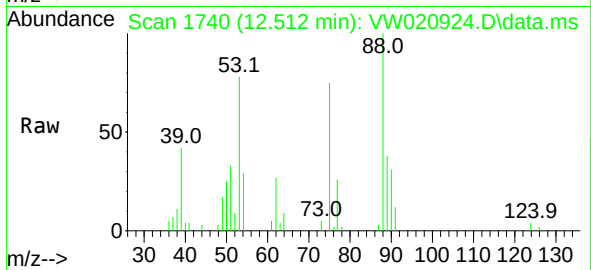
Tgt Ion:105 Resp: 70639
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.919 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

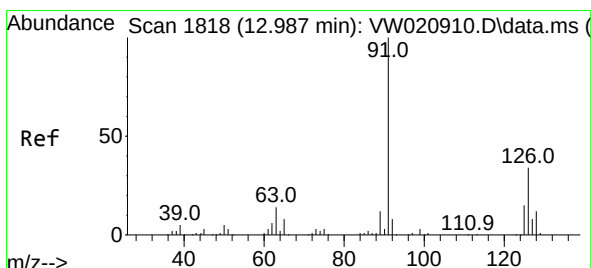
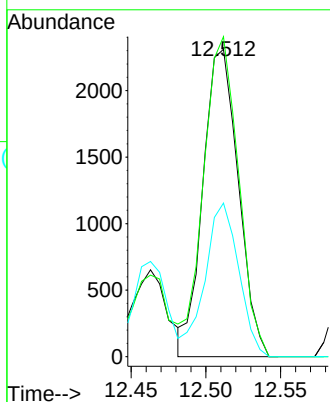
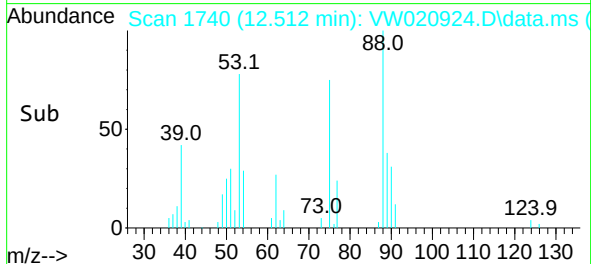
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



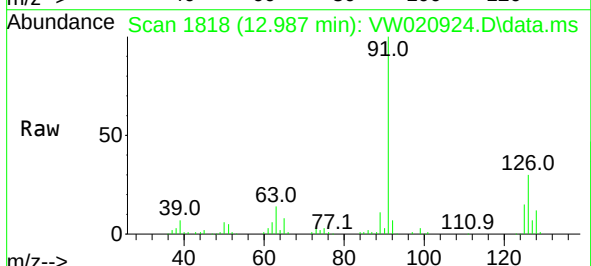
Tgt Ion: 75 Resp: 3794
Ion Ratio Lower Upper
75 100
53 102.8 81.8 122.8
89 47.9 38.6 57.8

Manual Integrations
APPROVED

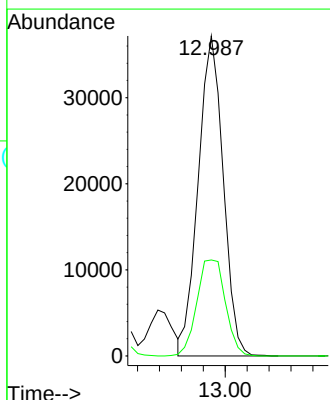
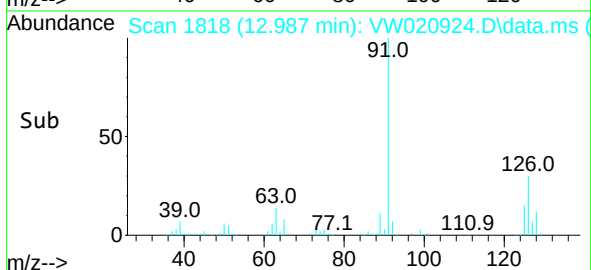
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

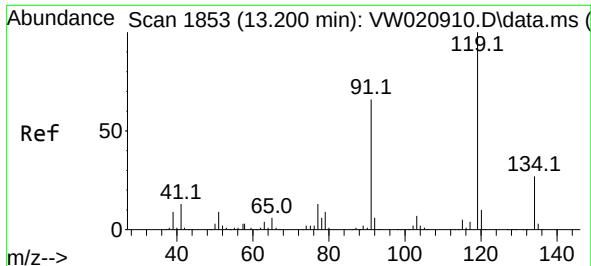


#82
4-Chlorotoluene
Concen: 21.530 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



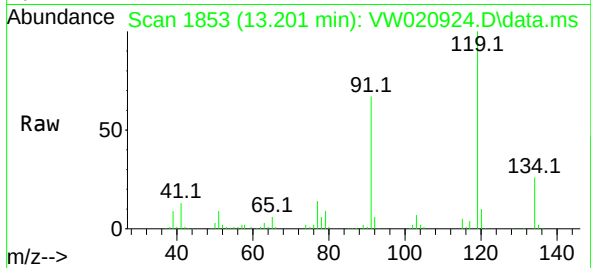
Tgt Ion: 91 Resp: 58878
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83
tert-Butylbenzene
Concen: 21.811 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

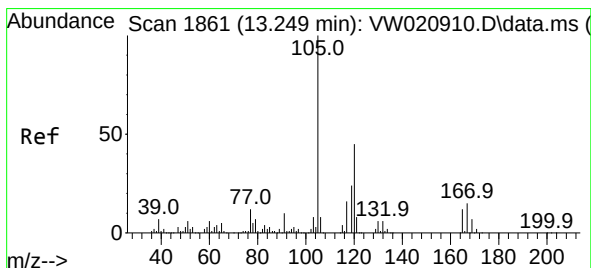
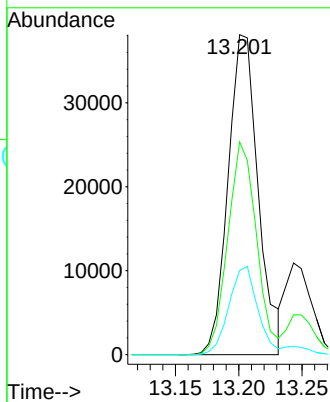
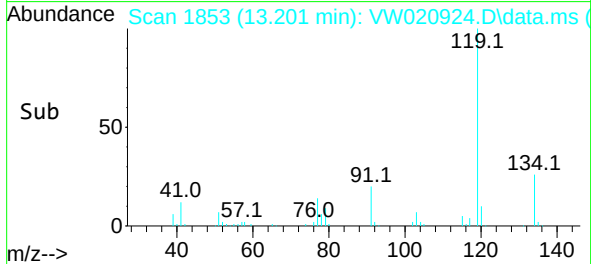
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



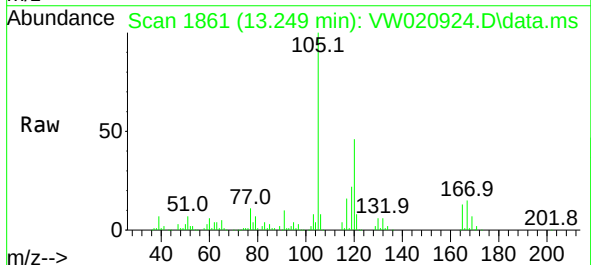
Tgt Ion:119 Resp: 63329
Ion Ratio Lower Upper
119 100
91 63.5 32.6 97.8
134 26.7 13.2 39.5

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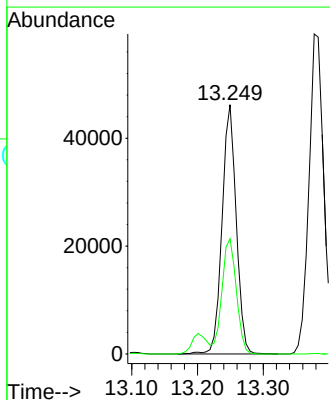
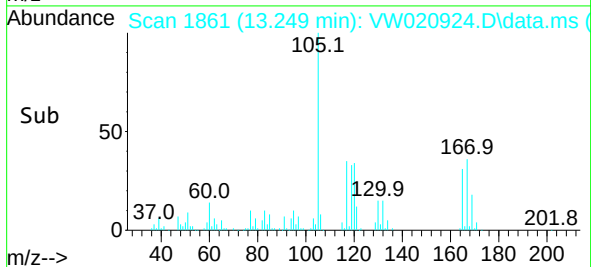
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

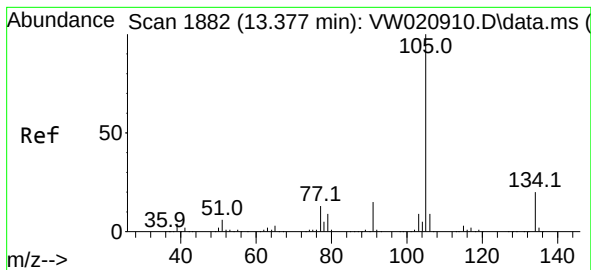


#84
1,2,4-Trimethylbenzene
Concen: 21.565 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



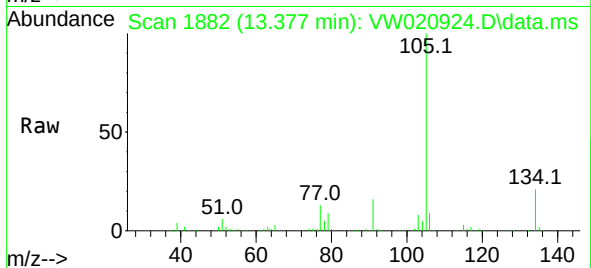
Tgt Ion:105 Resp: 69179
Ion Ratio Lower Upper
105 100
120 47.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 22.044 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32

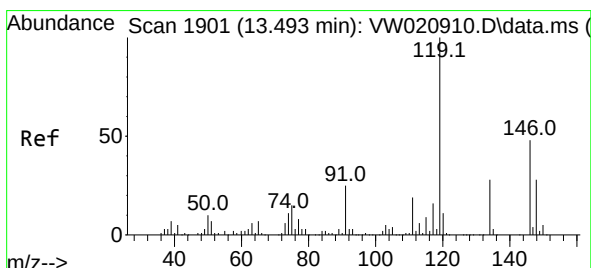
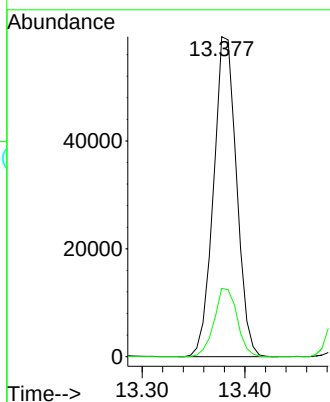
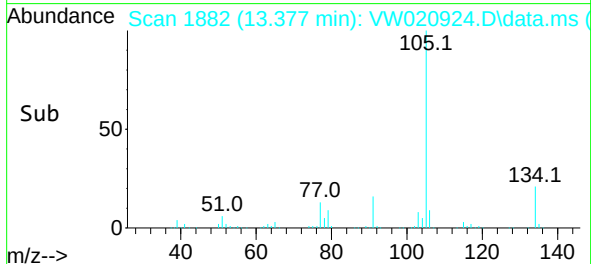
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01



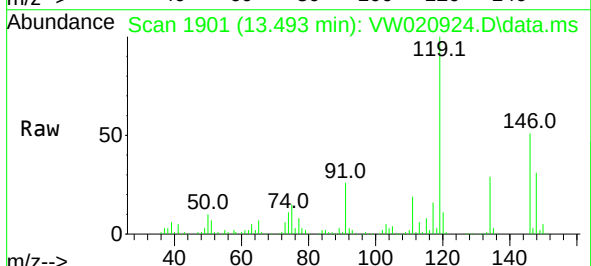
Tgt Ion:105 Resp: 92105
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.4

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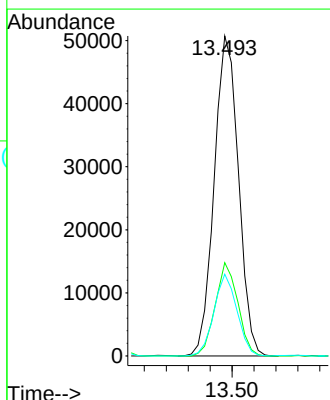
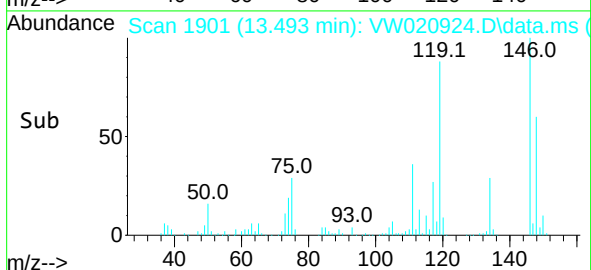
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

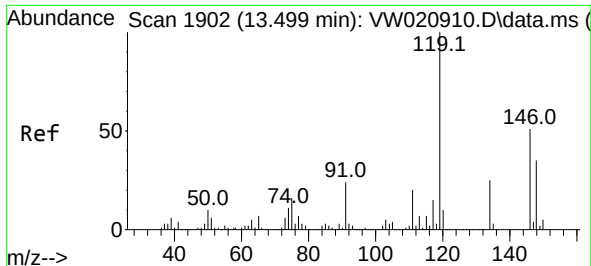


#86
 p-Isopropyltoluene
 Concen: 21.667 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020924.D
 Acq: 18 Nov 2021 13:32



Tgt Ion:119 Resp: 78047
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 24.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 22.883 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

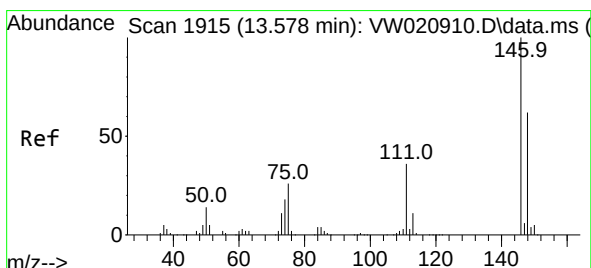
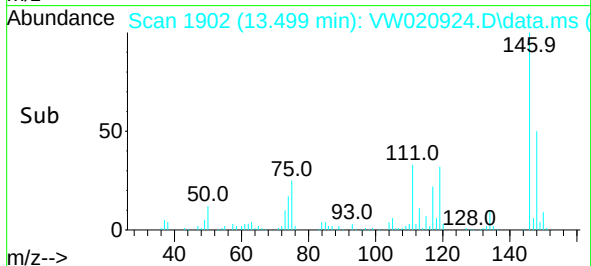
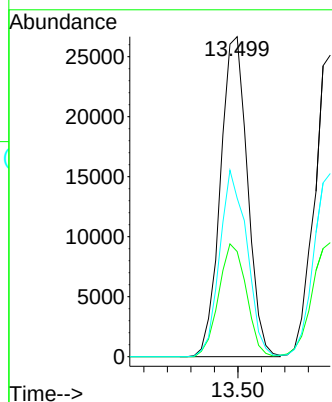
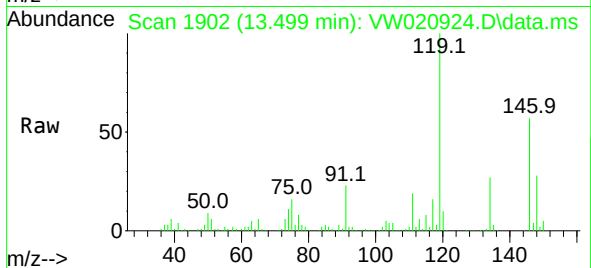
Tgt Ion:146 Resp: 4267

Ion	Ratio	Lower	Upper
146	100		
111	36.0	20.0	59.9
148	58.7	31.7	95.1

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 21.081 ug/l

RT: 13.579 min Scan# 1915

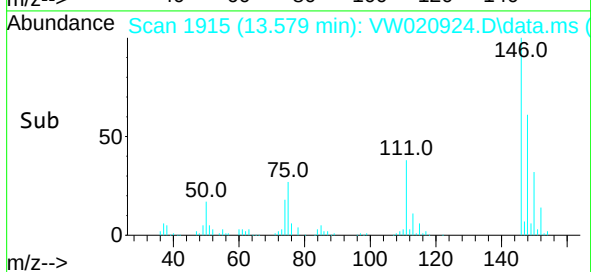
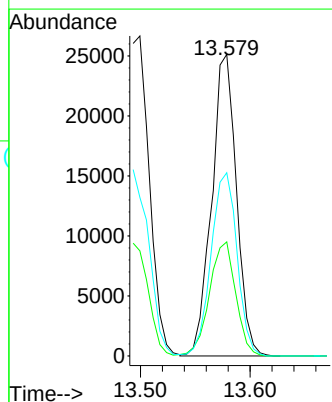
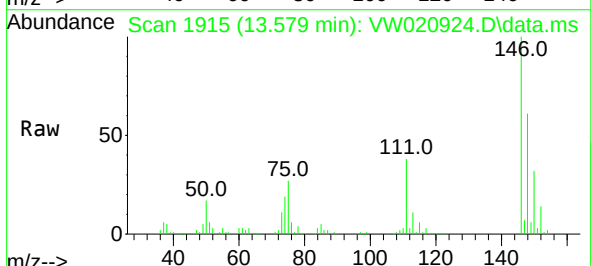
Delta R.T. 0.000 min

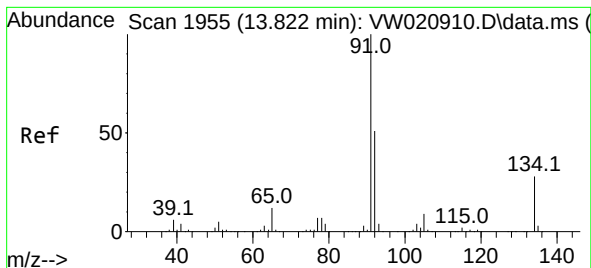
Lab File: VW020924.D

Acq: 18 Nov 2021 13:32

Tgt Ion:146 Resp: 39504

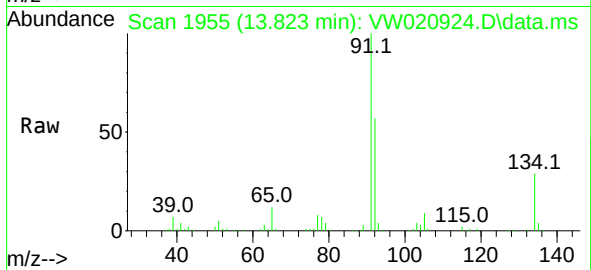
Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.8	56.4
148	63.7	31.1	93.2





#89
n-Butylbenzene
Concen: 21.728 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

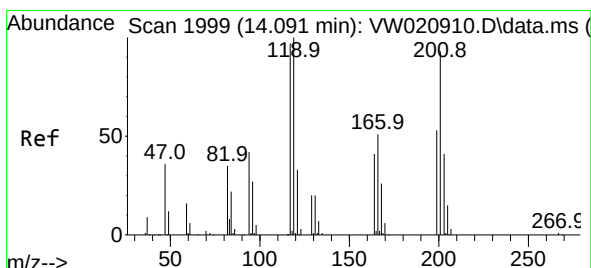
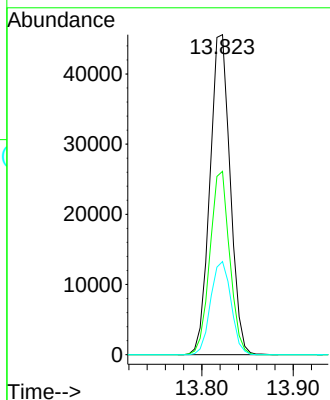
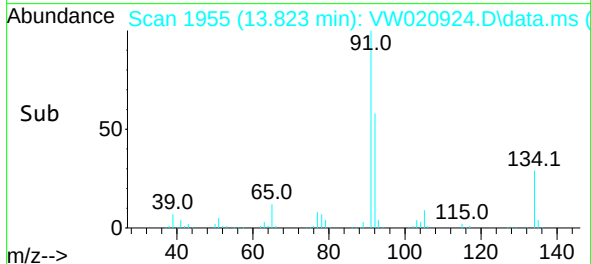
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



Tgt Ion: 91 Resp: 7027
Ion Ratio Lower Upper
91 100
92 55.9 26.5 79.4
134 29.3 13.6 40.8

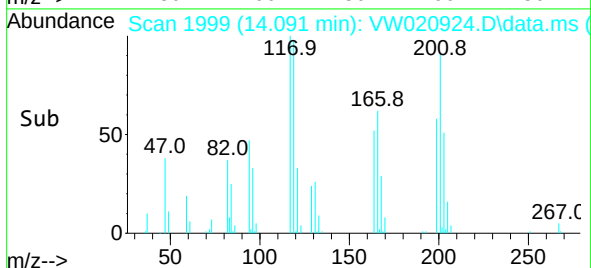
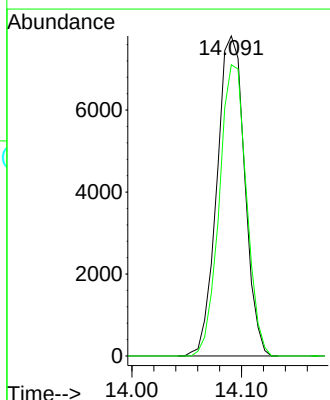
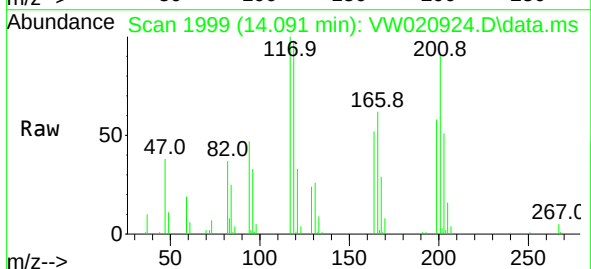
Manual Integrations
APPROVED

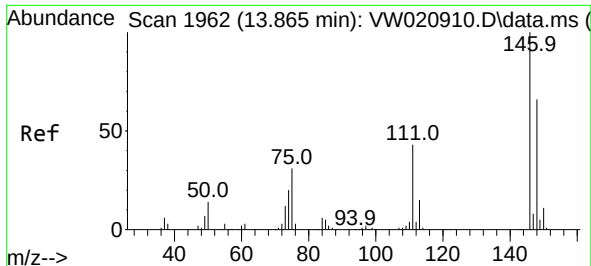
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#90
Hexachloroethane
Concen: 20.241 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

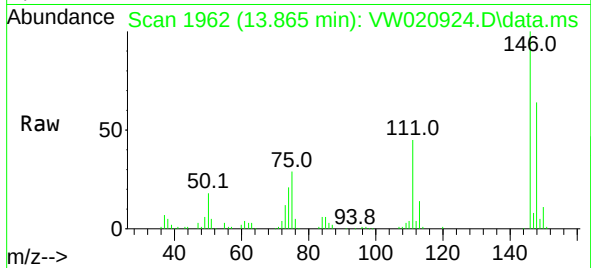
Tgt Ion:117 Resp: 13731
Ion Ratio Lower Upper
117 100
201 88.7 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 20.890 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

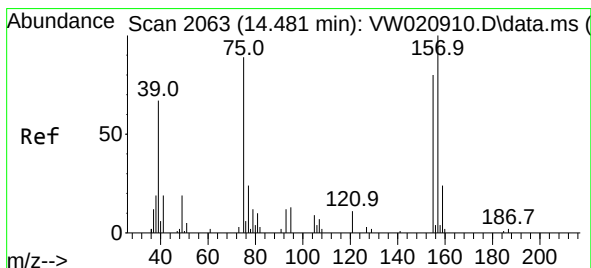
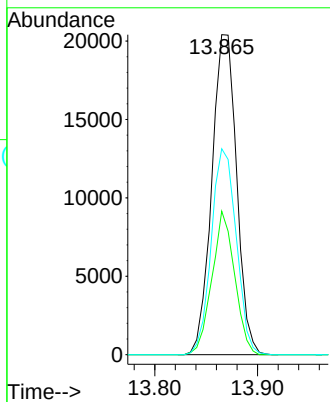
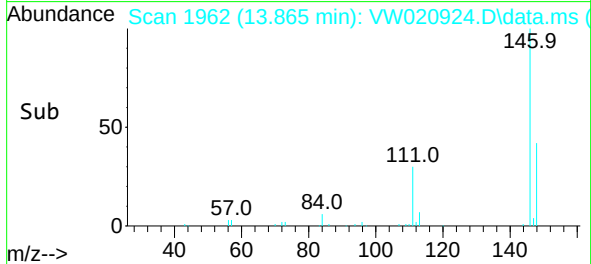
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



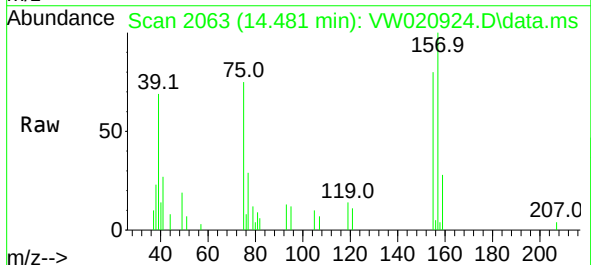
Tgt Ion:146 Resp: 3422
Ion Ratio Lower Upper
146 100
111 41.0 21.1 63.3
148 64.7 32.6 97.8

Manual Integrations
APPROVED

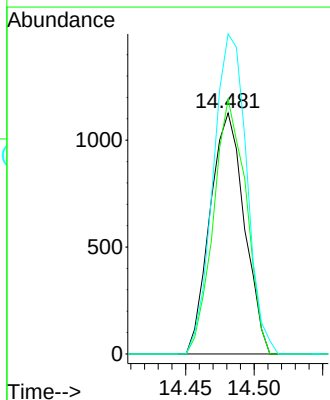
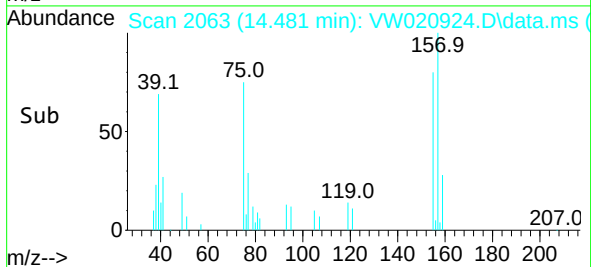
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

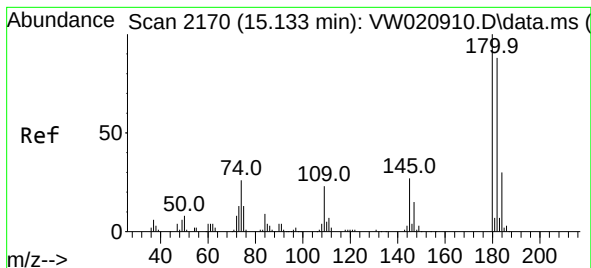


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.914 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



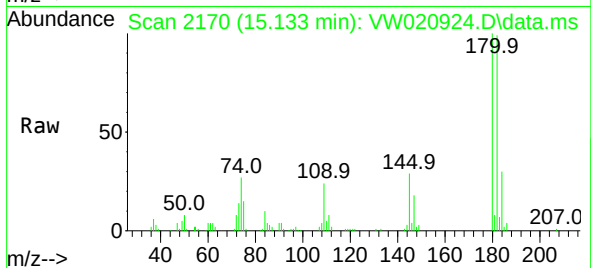
Tgt Ion: 75 Resp: 1963
Ion Ratio Lower Upper
75 100
155 100.3 45.9 137.6
157 129.5 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 20.708 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

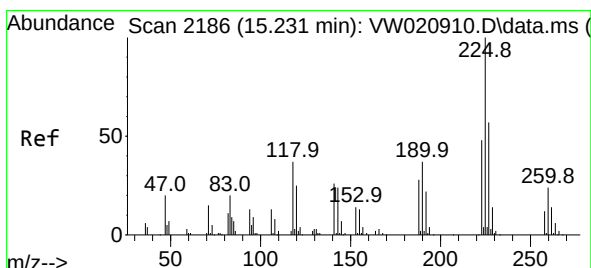
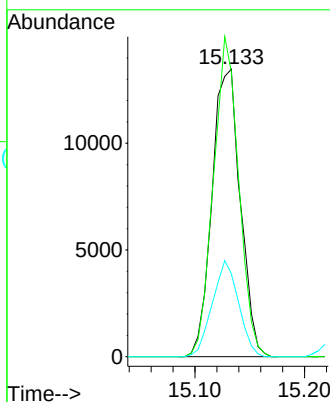
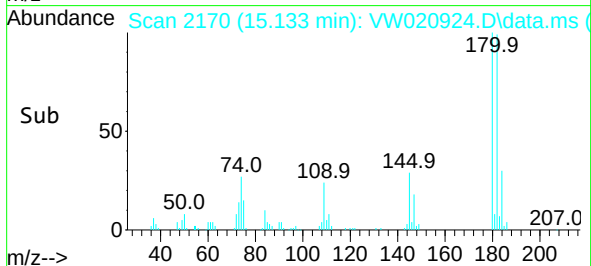
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01



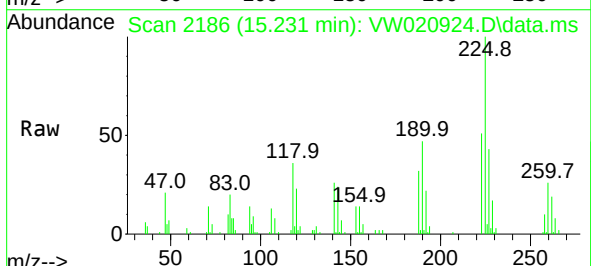
Tgt Ion:180 Resp: 2417
Ion Ratio Lower Upper
180 100
182 99.7 46.5 139.3
145 31.0 15.0 45.1

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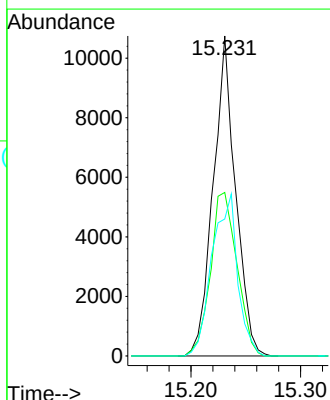
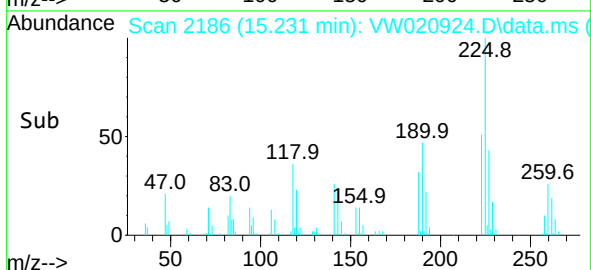
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

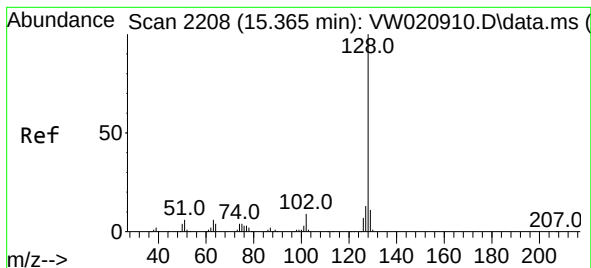


#94
Hexachlorobutadiene
Concen: 22.997 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32



Tgt Ion:225 Resp: 15225
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.3
227 57.8 32.8 98.3





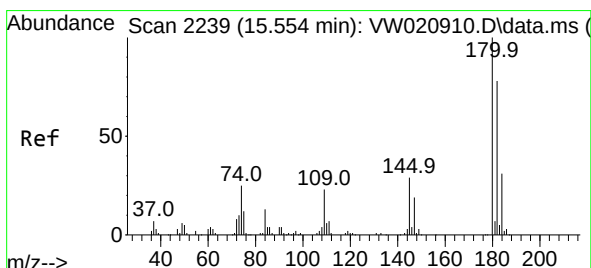
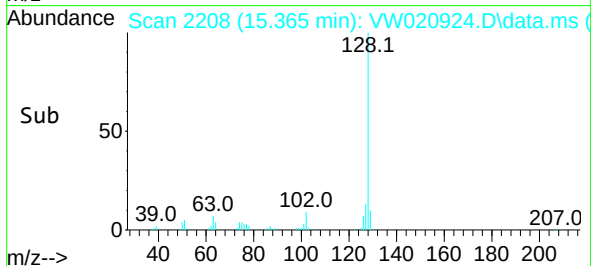
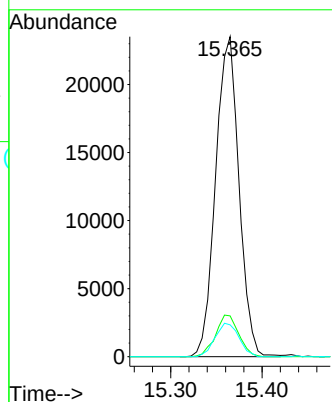
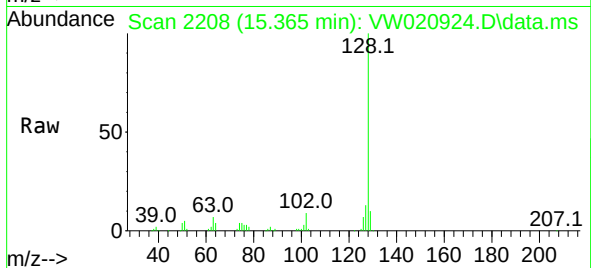
#95
Naphthalene
Concen: 19.312 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion:128 Resp: 41780
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.732 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020924.D
Acq: 18 Nov 2021 13:32

Tgt Ion:180 Resp: 21342
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 32.3 14.9 44.5

