

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070901.D
 Acq On : 03 Nov 2021 10:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 03 22:06:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	415176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	627675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187449	44.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.780%		
35) Dibromofluoromethane	7.914	113	205902	49.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.500%		
50) Toluene-d8	10.332	98	803843	51.628	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.260%		
62) 4-Bromofluorobenzene	12.626	95	262049	51.010	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	188491	48.954	ug/l	95
3) Chloromethane	2.209	50	265436	48.708	ug/l	97
4) Vinyl Chloride	2.350	62	301461	50.006	ug/l	99
5) Bromomethane	2.774	94	177441	46.479	ug/l	98
6) Chloroethane	2.926	64	147429	39.583	ug/l	90
7) Trichlorofluoromethane	3.279	101	352027	47.411	ug/l	97
8) Diethyl Ether	3.715	74	101337	49.261	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	246508	51.510	ug/l	99
10) Methyl Iodide	4.303	142	235319	47.015	ug/l	98
11) Tert butyl alcohol	5.220	59	45551	205.258	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	221325	52.832	ug/l	92
13) Acrolein	3.926	56	28169	141.547	ug/l	99
14) Allyl chloride	4.715	41	351317	53.534	ug/l	99
15) Acrylonitrile	5.426	53	247895	251.575	ug/l	98
16) Acetone	4.156	43	273837	281.879	ug/l	100
17) Carbon Disulfide	4.409	76	806473	54.457	ug/l	98
18) Methyl Acetate	4.715	43	153154	45.987	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	453453	52.036	ug/l	98
20) Methylene Chloride	4.962	84	283946	53.466	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	270059	54.401	ug/l	94
22) Diisopropyl ether	6.362	45	768432	56.466	ug/l	100
23) Vinyl Acetate	6.309	43	1728836	251.423	ug/l	98
24) 1,1-Dichloroethane	6.262	63	476993	52.004	ug/l	98
25) 2-Butanone	7.209	43	308659	258.141	ug/l	98
26) 2,2-Dichloropropane	7.209	77	396423	54.170	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	289805	54.475	ug/l	98
28) Bromochloromethane	7.544	49	184244	51.225	ug/l	99
29) Tetrahydrofuran	7.562	42	186074	257.587	ug/l	99
30) Chloroform	7.703	83	487921	53.000	ug/l	98
31) Cyclohexane	7.985	56	448301	52.689	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	417553	53.107	ug/l	100
36) 1,1-Dichloropropene	8.109	75	382917	58.307	ug/l	99
37) Ethyl Acetate	7.285	43	131271	53.762	ug/l #	94
38) Carbon Tetrachloride	8.097	117	374982	56.782	ug/l	98
39) Methylcyclohexane	9.356	83	451538	59.752	ug/l	97
40) Benzene	8.350	78	1098908	57.555	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	78136	60.494	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	262125	53.922	ug/l	99
43) Isopropyl Acetate	8.450	43	239563	52.781	ug/l	97
44) Trichloroethene	9.109	130	275297	55.808	ug/l	97
45) 1,2-Dichloropropane	9.385	63	280020	55.318	ug/l	98
46) Dibromomethane	9.467	93	136288	54.917	ug/l	99
47) Bromodichloromethane	9.656	83	354631	55.277	ug/l	99
48) Methyl methacrylate	9.450	41	121711	56.124	ug/l	98
49) 1,4-Dioxane	9.456	88	28934	1092.375	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	656760	275.949	ug/l	99
52) Toluene	10.397	92	695465	60.609	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	315796	56.480	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	388940	56.339	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	190964	54.256	ug/l	96
56) Ethyl methacrylate	10.656	69	213458	49.527	ug/l	98
57) 1,3-Dichloropropane	10.938	76	309371	52.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	393629	235.246	ug/l	98
59) 2-Hexanone	10.979	43	453446	266.889	ug/l	95
60) Dibromochloromethane	11.132	129	232012	54.938	ug/l	99
61) 1,2-Dibromoethane	11.238	107	180714	55.624	ug/l	99
64) Tetrachloroethene	10.867	164	254310	60.016	ug/l	96
65) Chlorobenzene	11.661	112	706284	55.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	265967	56.582	ug/l	100
67) Ethyl Benzene	11.738	91	1295217	58.700	ug/l	98
68) m/p-Xylenes	11.844	106	1021553	118.903	ug/l	100
69) o-Xylene	12.173	106	450536	57.899	ug/l	99
70) Styrene	12.185	104	799342	59.313	ug/l	100
71) Bromoform	12.350	173	130175	52.406	ug/l #	99
73) Isopropylbenzene	12.473	105	1204717	60.571	ug/l	99
74) N-amyl acetate	12.279	43	232021	53.042	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	211333	52.070	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	164989m	56.206	ug/l	
77) Bromobenzene	12.749	156	267167	55.130	ug/l	99
78) n-propylbenzene	12.808	91	1555058	60.913	ug/l	100
79) 2-Chlorotoluene	12.897	91	867077	58.495	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	1026632	60.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	63007	56.336	ug/l	98
82) 4-Chlorotoluene	12.997	91	895575	58.136	ug/l	98
83) tert-Butylbenzene	13.214	119	847301	60.196	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1026384	61.670	ug/l	99
85) sec-Butylbenzene	13.391	105	1330239	59.919	ug/l	99
86) p-Isopropyltoluene	13.502	119	1095228	61.321	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	567612	56.721	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	550310	55.449	ug/l	99
89) n-Butylbenzene	13.832	91	1055580	60.319	ug/l	99
90) Hexachloroethane	14.096	117	213485	53.264	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	478340	56.017	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	29234	49.440	ug/l	98
93) 1,2,4-Trichlorobenzene	15.144	180	273967	55.525	ug/l	100
94) Hexachlorobutadiene	15.249	225	186042	57.228	ug/l	99
95) Naphthalene	15.385	128	451684	48.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	231738	54.048	ug/l	93

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

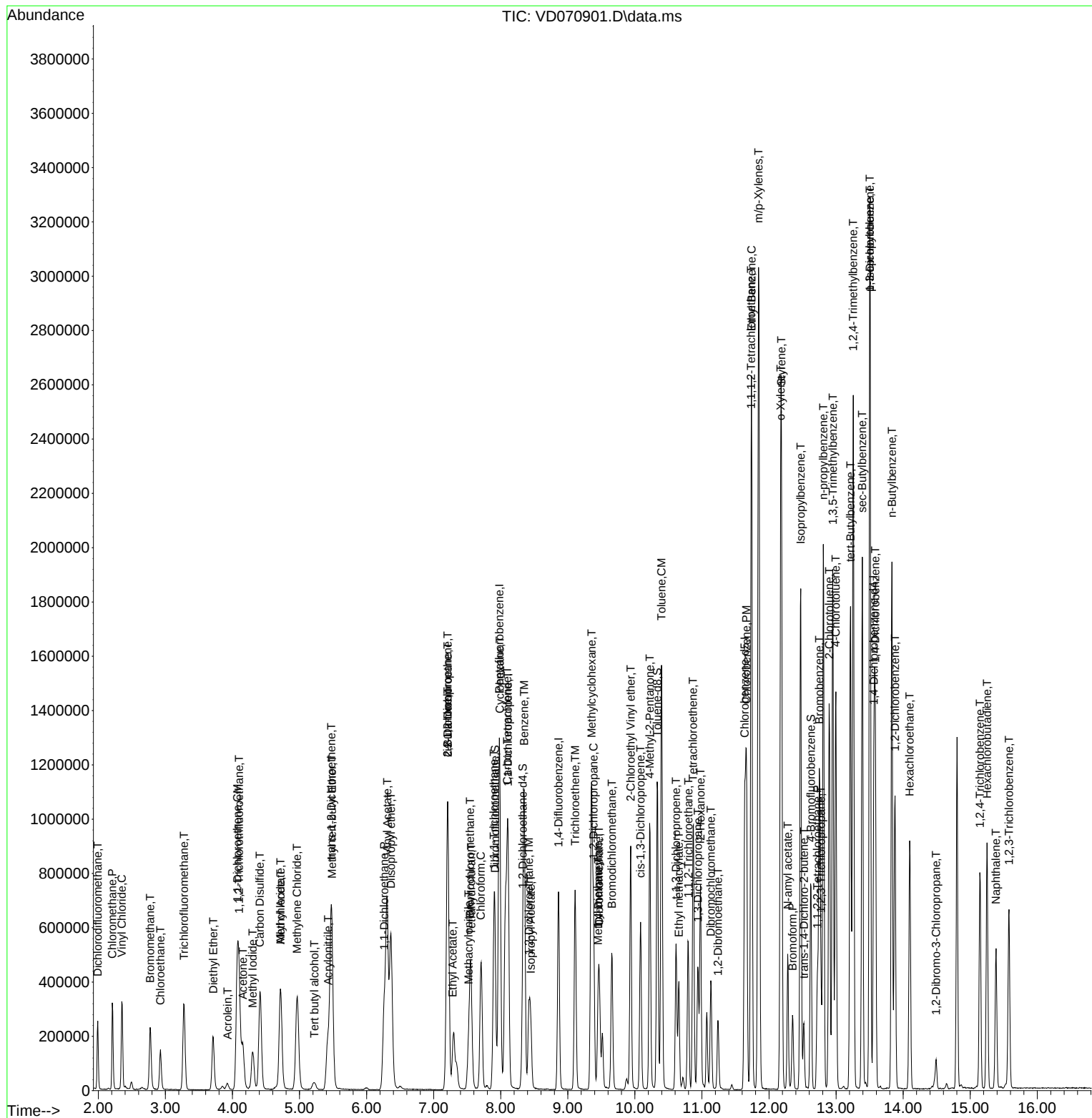
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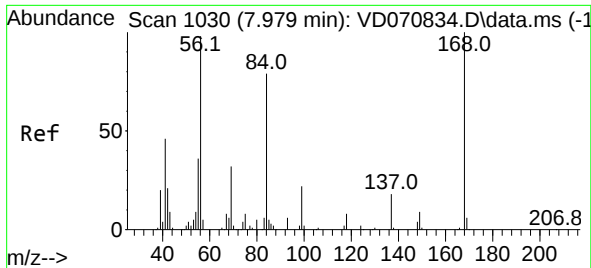
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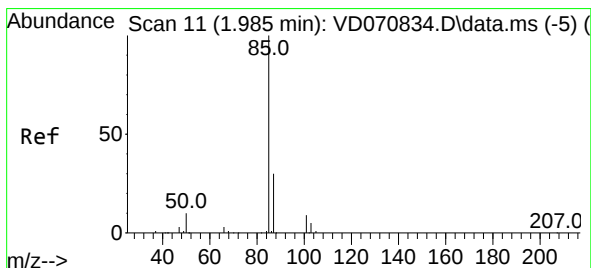
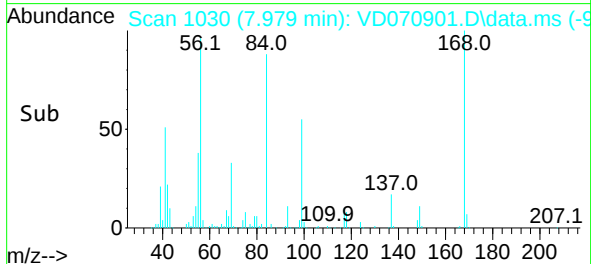
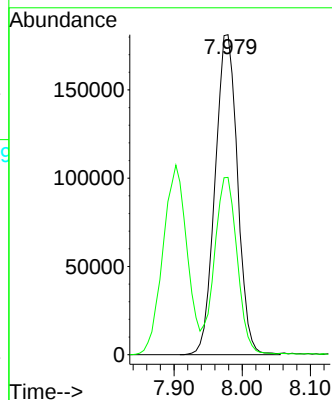
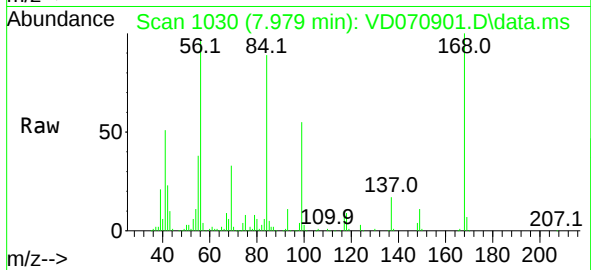
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 415170
Ion Ratio Lower Upper
168 100
99 55.0 46.6 69.8

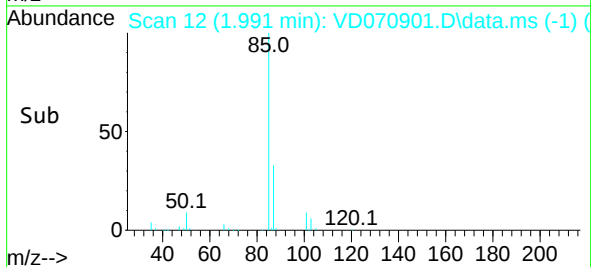
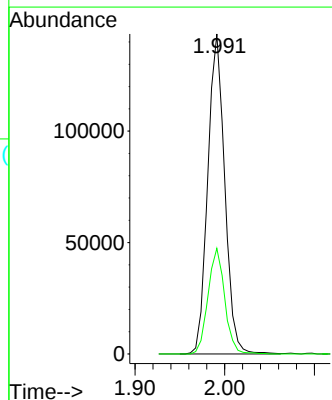
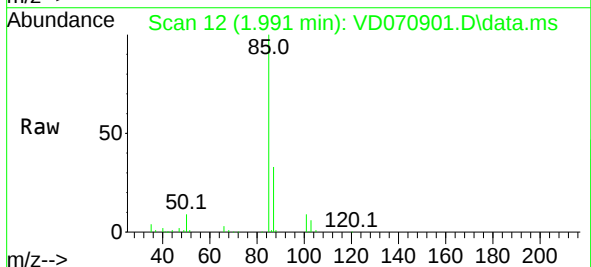
Manual Integrations
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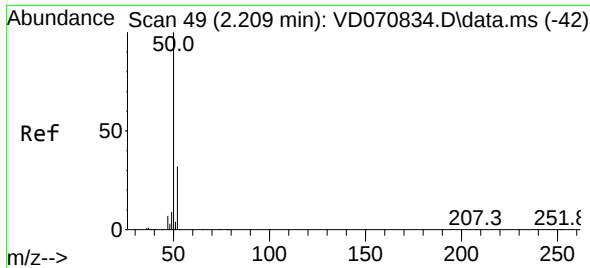
Reviewed By :Vimala Arumugam 11/08/2021
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#2
Dichlorodifluoromethane
Concen: 48.954 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

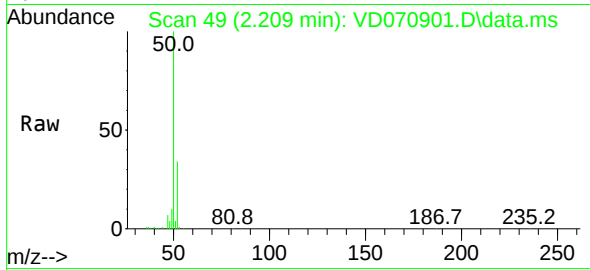
Tgt Ion: 85 Resp: 188491
Ion Ratio Lower Upper
85 100
87 33.0 15.2 45.6





#3
Chloromethane
Concen: 48.708 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

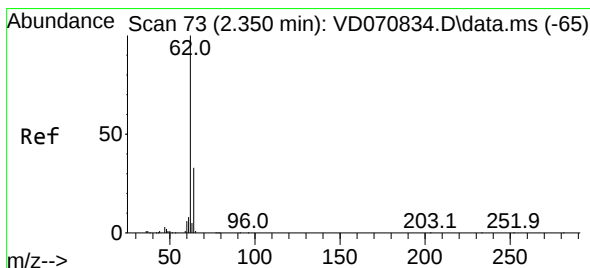
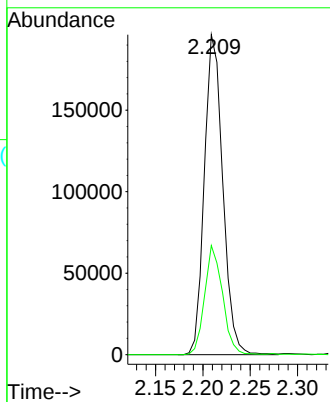
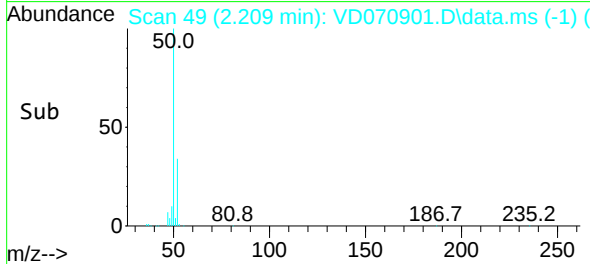
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VSTDCCC050



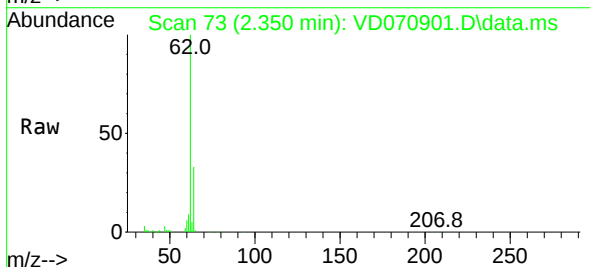
Tgt Ion: 50 Resp: 265430
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.8

Manual Integrations
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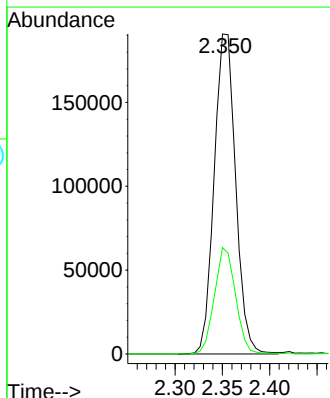
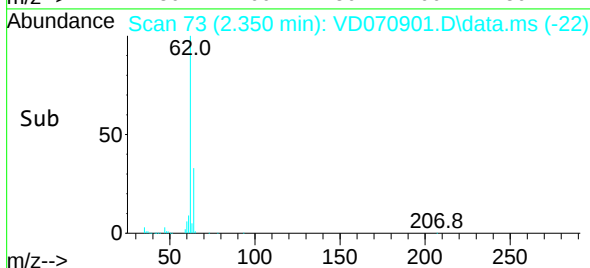
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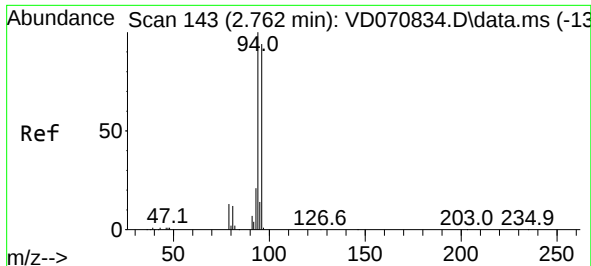


#4
Vinyl Chloride
Concen: 50.006 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



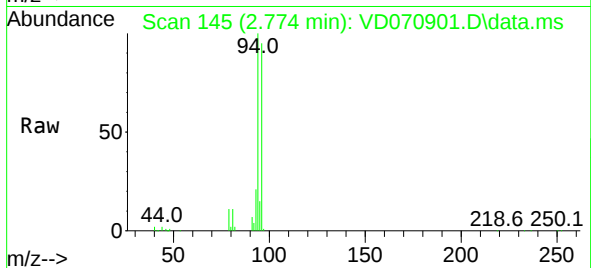
Tgt Ion: 62 Resp: 301461
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0





#5
Bromomethane
Concen: 46.479 ug/l
RT: 2.774 min Scan# 143
Delta R.T. 0.012 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

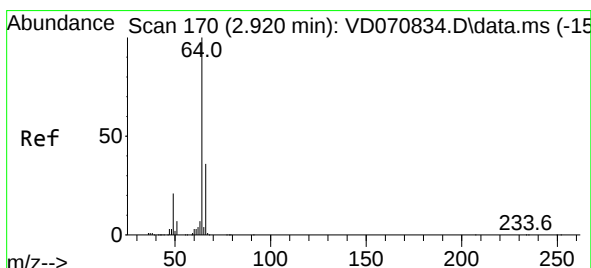
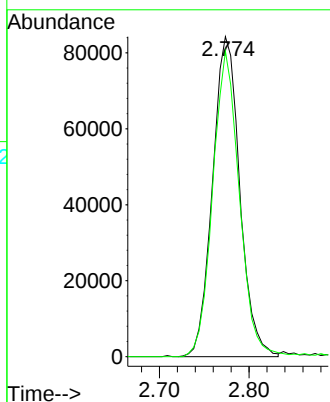
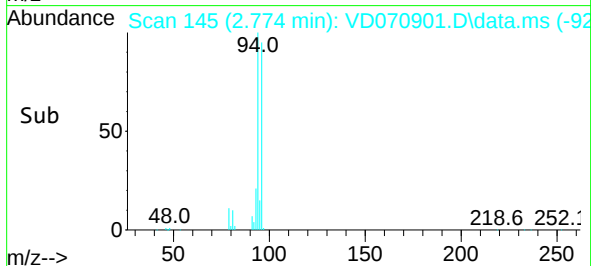
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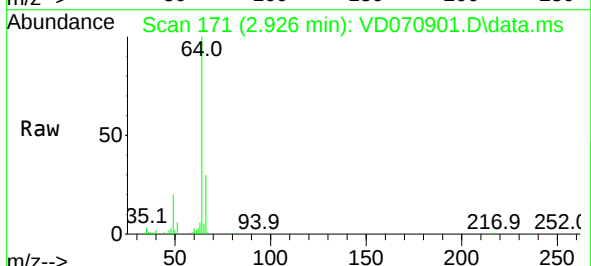
Tgt Ion: 94 Resp: 17744
Ion Ratio Lower Upper
94 100
96 95.5 74.8 112.2

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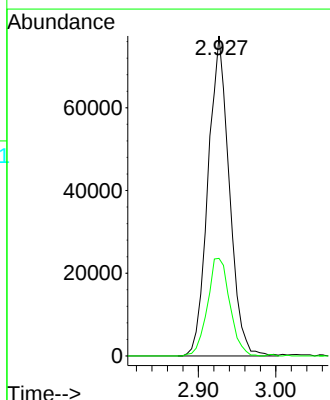
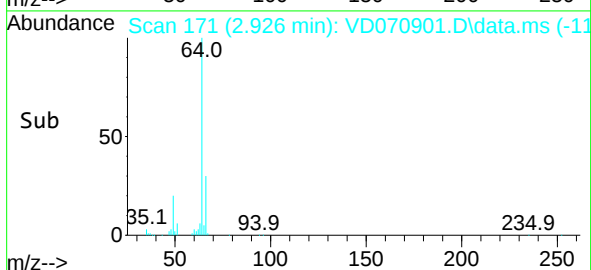
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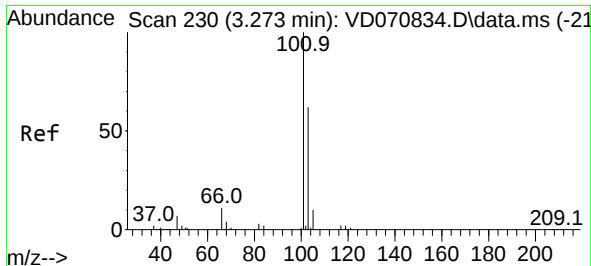


#6
Chloroethane
Concen: 39.583 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



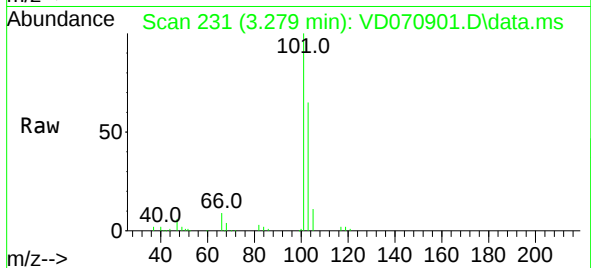
Tgt Ion: 64 Resp: 147429
Ion Ratio Lower Upper
64 100
66 30.5 29.0 43.4





#7
Trichlorofluoromethane
Concen: 47.411 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

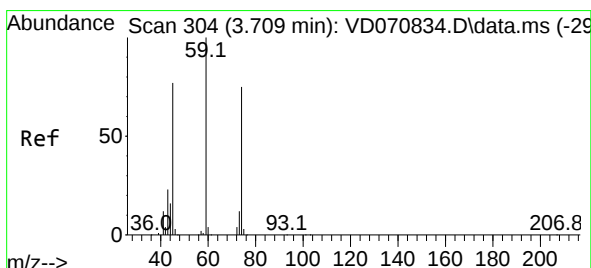
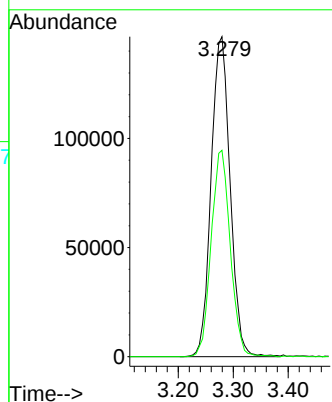
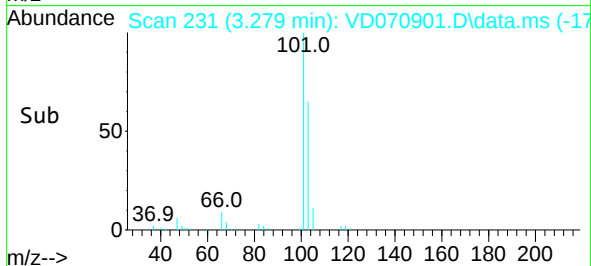
Instrument :
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Tgt Ion:101 Resp: 35202
Ion Ratio Lower Upper
101 100
103 64.5 49.7 74.5

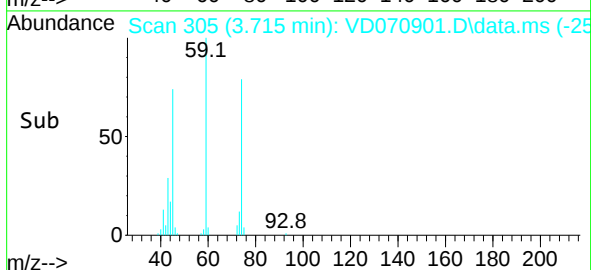
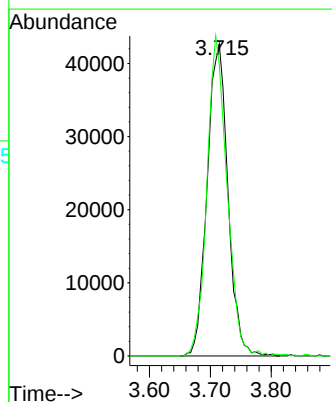
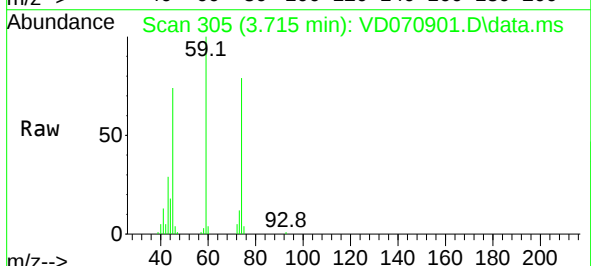
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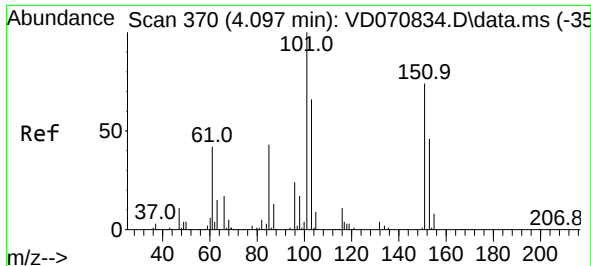
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Diethyl Ether
Concen: 49.261 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion: 74 Resp: 101337
Ion Ratio Lower Upper
74 100
45 99.0 49.6 149.0





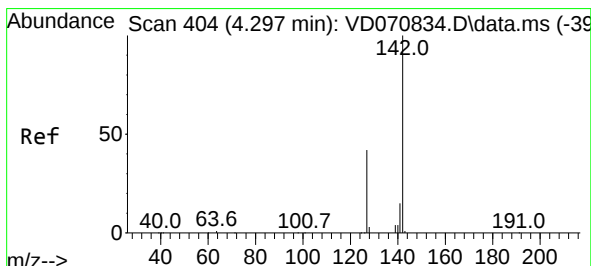
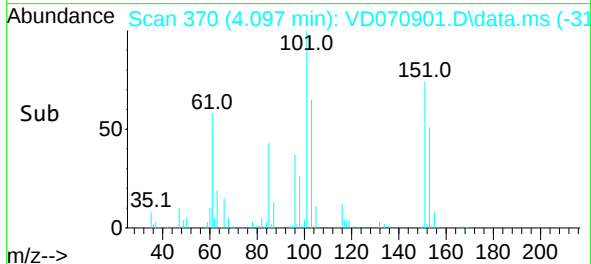
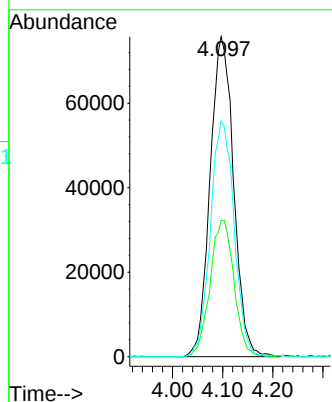
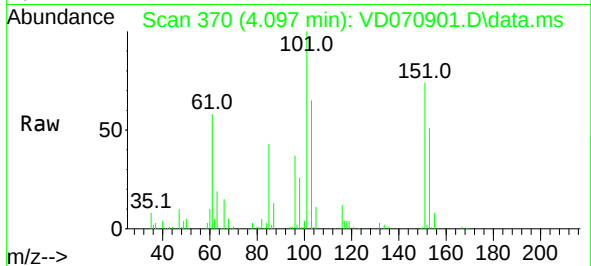
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.510 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 246508
Ion Ratio Lower Upper
101 100
85 43.3 34.8 52.2
151 74.3 60.4 90.6

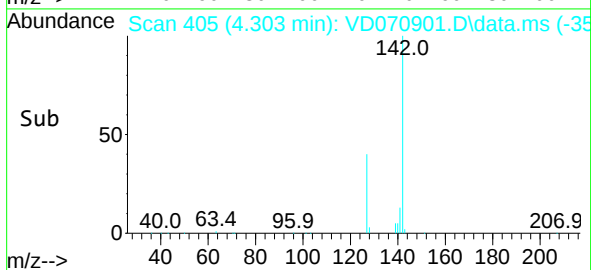
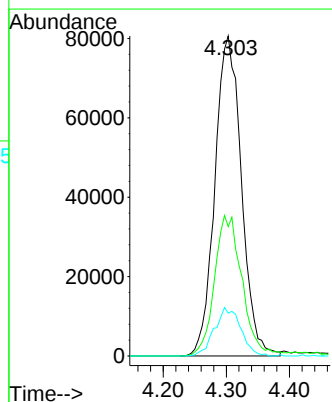
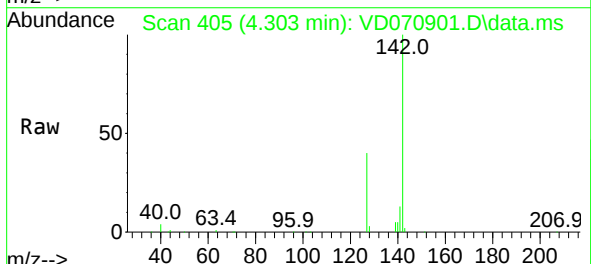
Manual Integrations
APPROVED

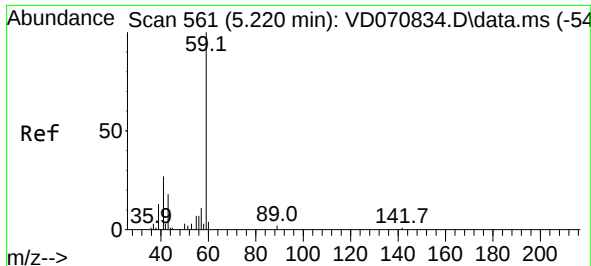
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Methyl Iodide
Concen: 47.015 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

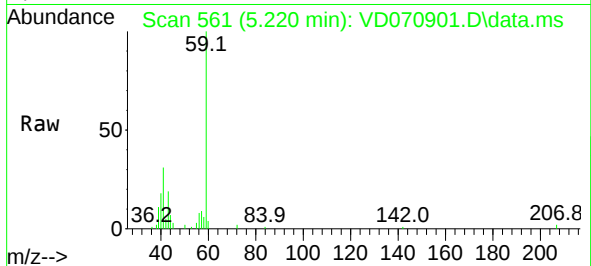
Tgt Ion:142 Resp: 235319
Ion Ratio Lower Upper
142 100
127 45.5 35.0 52.4
141 14.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 205.258 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

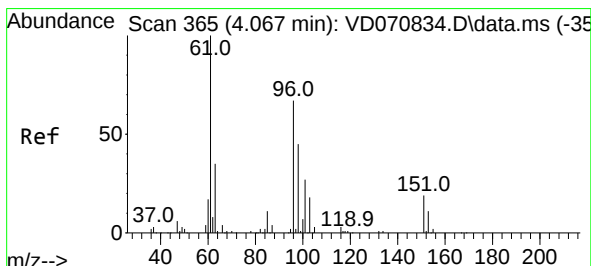
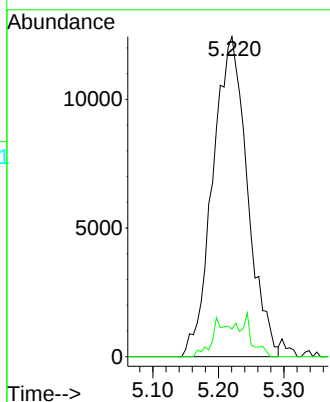
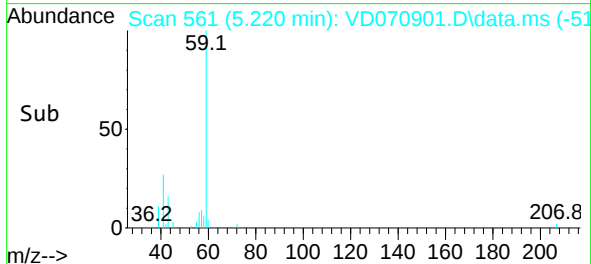
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



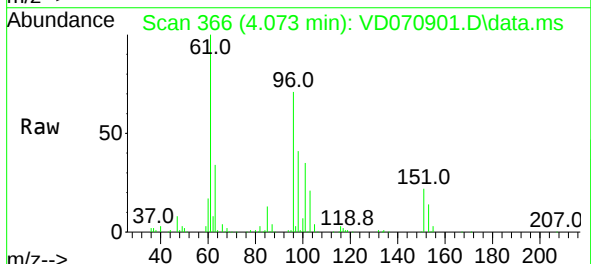
Tgt Ion: 59 Resp: 4555
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4

Manual Integrations
APPROVED

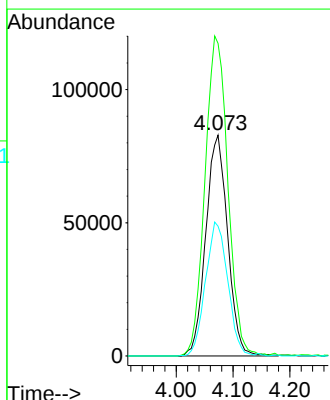
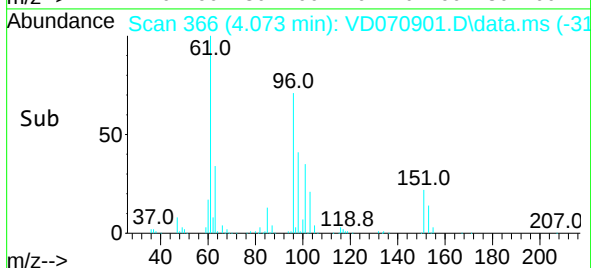
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

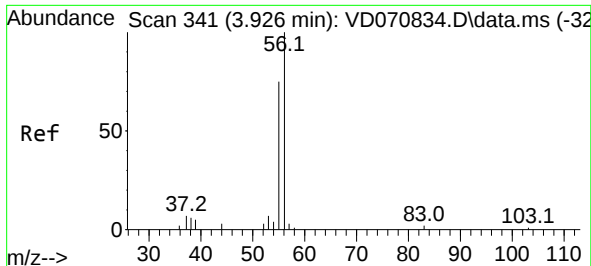


#12
1,1-Dichloroethene
Concen: 52.832 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



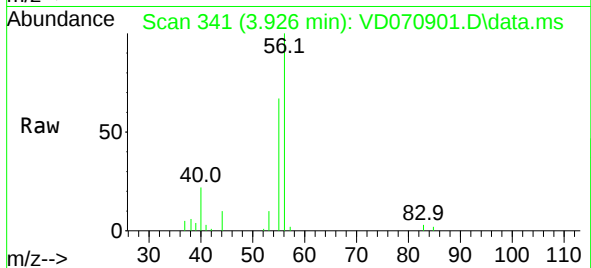
Tgt Ion: 96 Resp: 221325
Ion Ratio Lower Upper
96 100
61 141.6 120.3 180.5
98 58.7 54.4 81.6





#13
Acrolein
Concen: 141.547 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

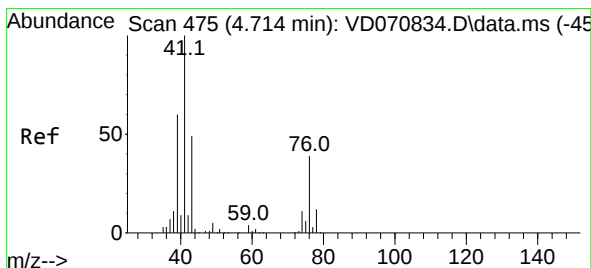
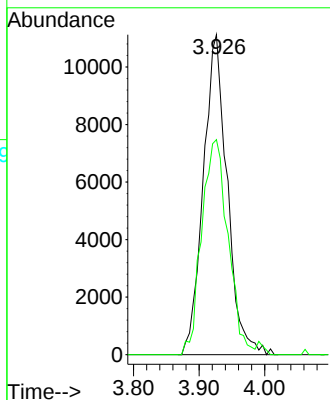
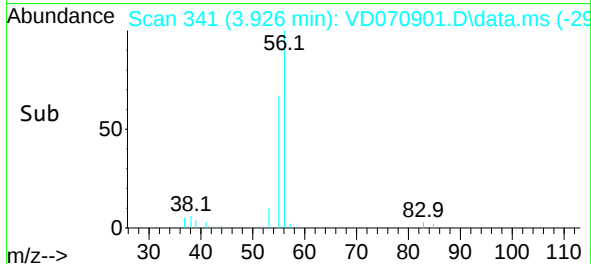
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



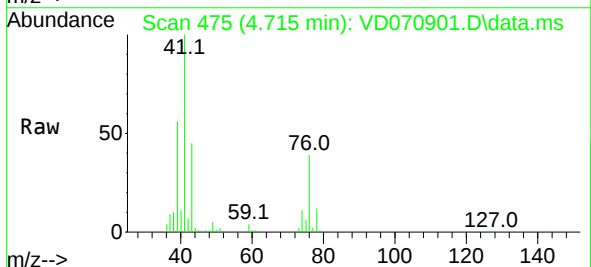
Tgt Ion: 56 Resp: 28169
Ion Ratio Lower Upper
56 100
55 74.2 58.6 87.8

Manual Integrations
APPROVED

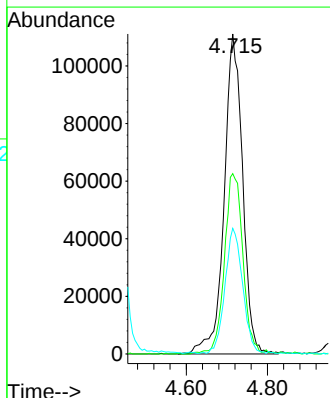
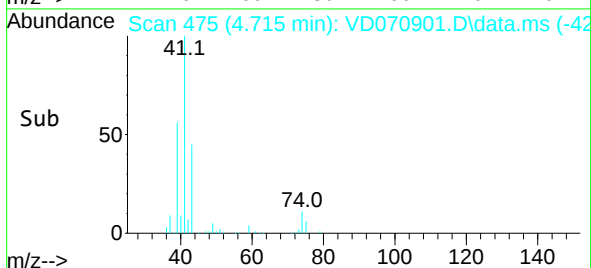
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

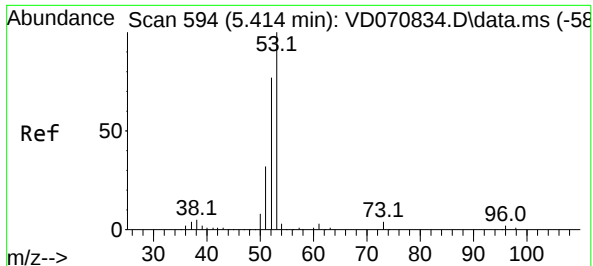


#14
Allyl chloride
Concen: 53.534 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



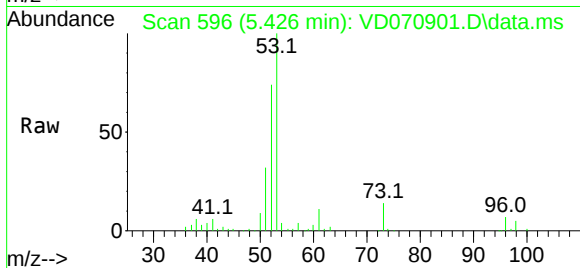
Tgt Ion: 41 Resp: 351317
Ion Ratio Lower Upper
41 100
39 56.1 45.6 68.4
76 37.4 30.2 45.4





#15
Acrylonitrile
Concen: 251.575 ug/l
RT: 5.426 min Scan# 594
Delta R.T. 0.012 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

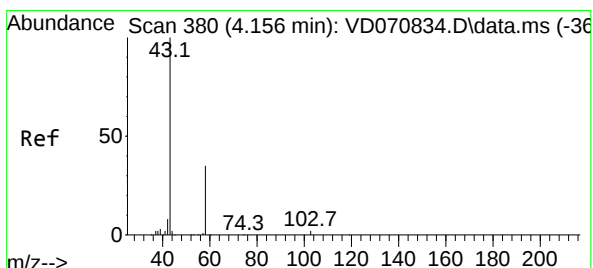
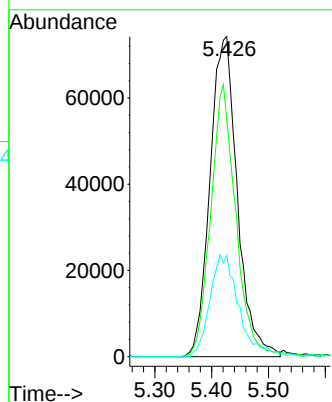
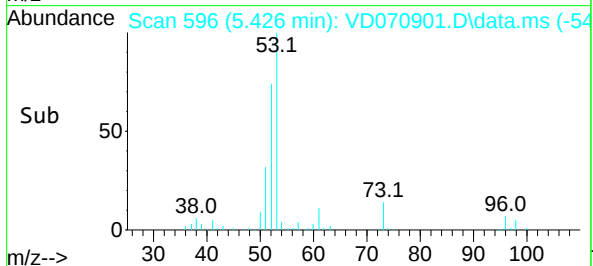
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



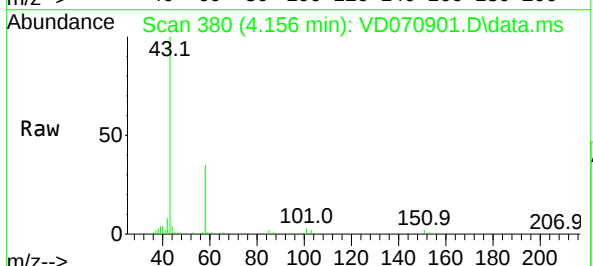
Tgt Ion: 53 Resp: 24789
Ion Ratio Lower Upper
53 100
52 78.3 63.8 95.8
51 33.6 28.5 42.7

Manual Integrations
APPROVED

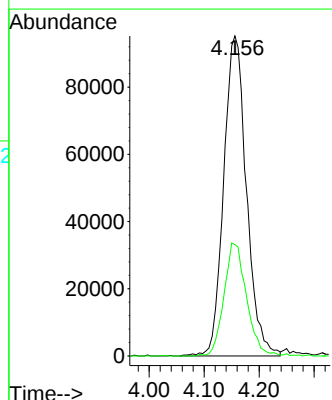
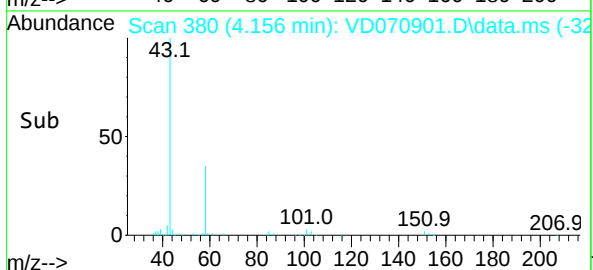
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

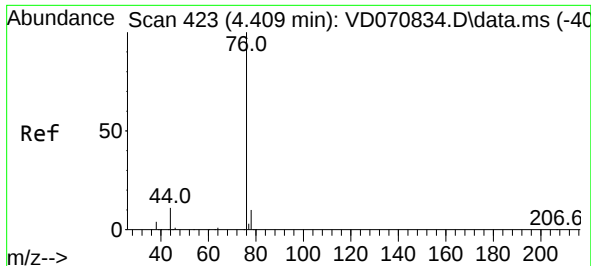


#16
Acetone
Concen: 281.879 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



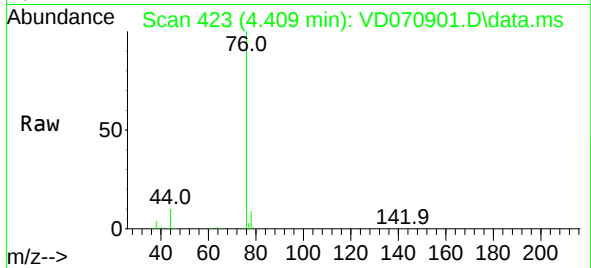
Tgt Ion: 43 Resp: 273837
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8





#17
Carbon Disulfide
Concen: 54.457 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

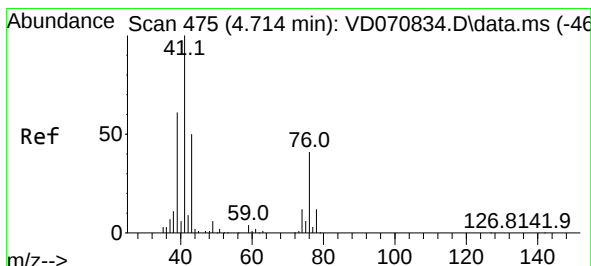
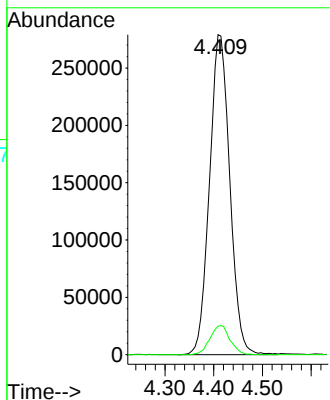
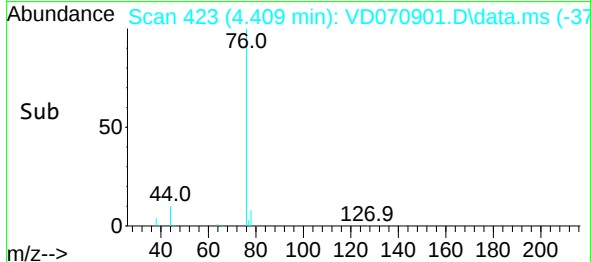
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



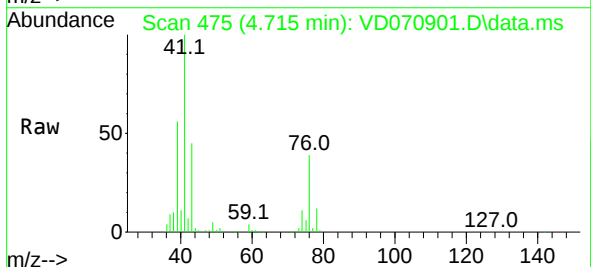
Tgt Ion: 76 Resp: 80647
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

Manual Integrations
APPROVED

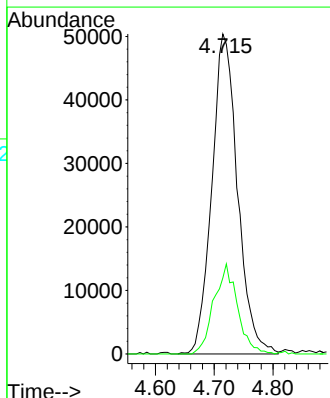
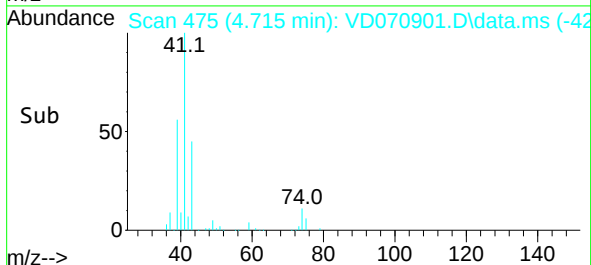
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

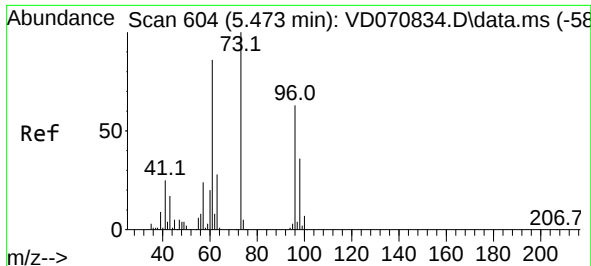


#18
Methyl Acetate
Concen: 45.987 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



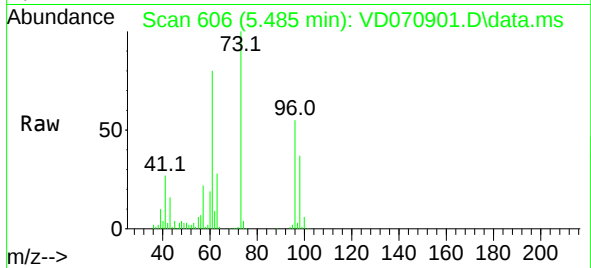
Tgt Ion: 43 Resp: 153154
Ion Ratio Lower Upper
43 100
74 25.8 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 52.036 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

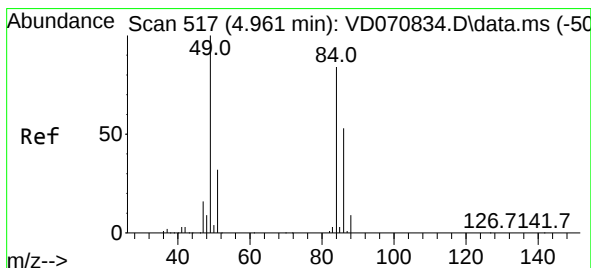
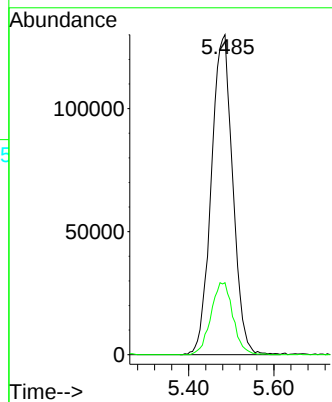
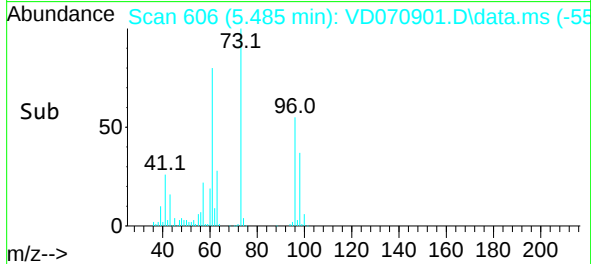
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 45345
Ion Ratio Lower Upper
73 100
57 22.5 18.9 28.3

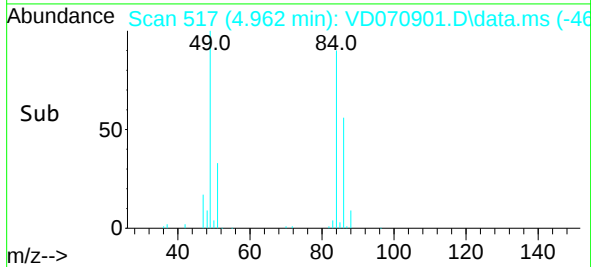
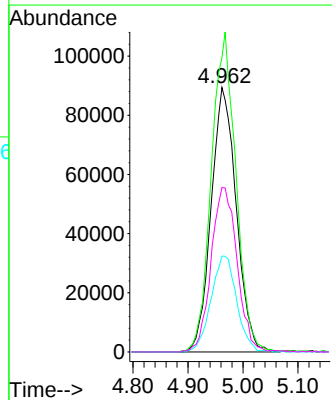
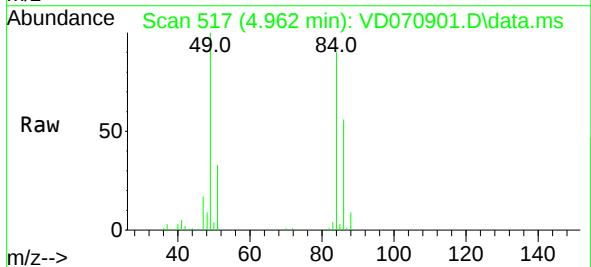
Manual Integrations
APPROVED

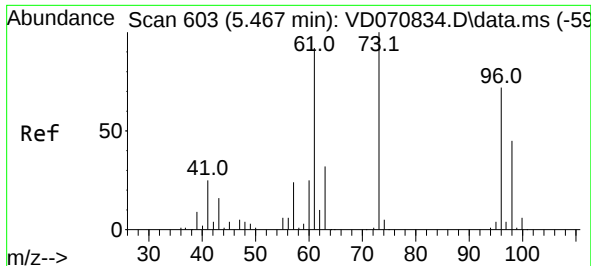
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Methylene Chloride
Concen: 53.466 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion: 84 Resp: 283946
Ion Ratio Lower Upper
84 100
49 111.1 95.8 143.6
51 36.2 30.9 46.3
86 62.1 50.3 75.5





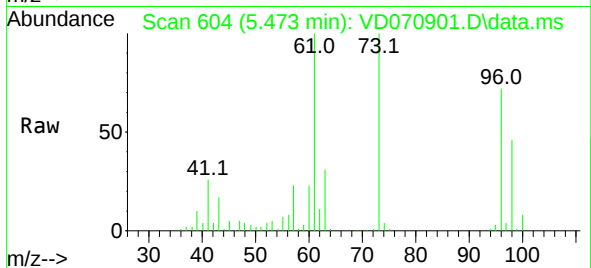
#21
trans-1,2-Dichloroethene
Concen: 54.401 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

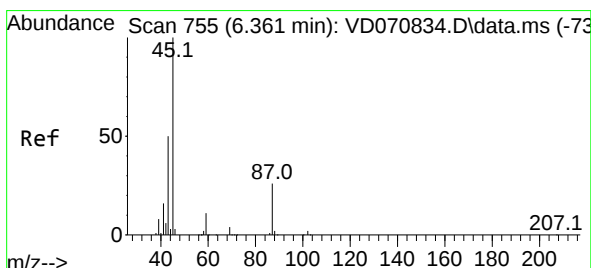
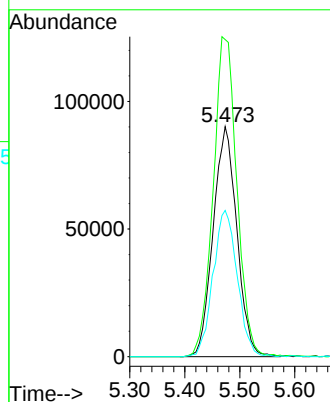
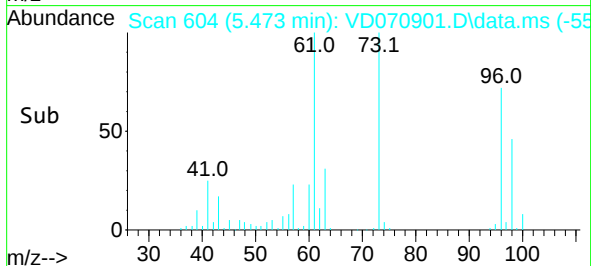


Tgt Ion: 96 Resp: 270059
Ion Ratio Lower Upper
96 100
61 137.8 102.1 153.1
98 63.5 50.1 75.1

Manual Integrations

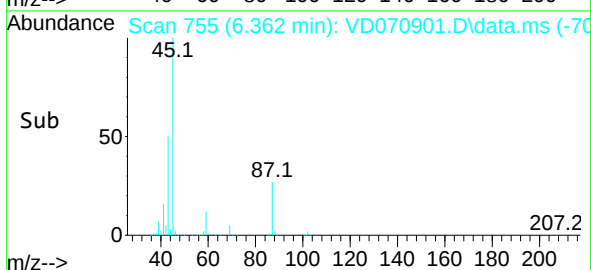
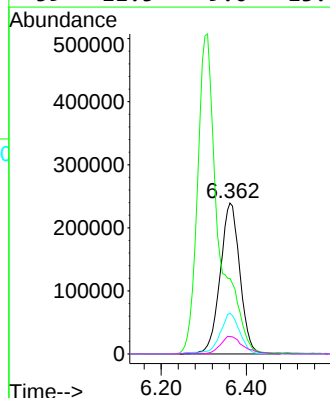
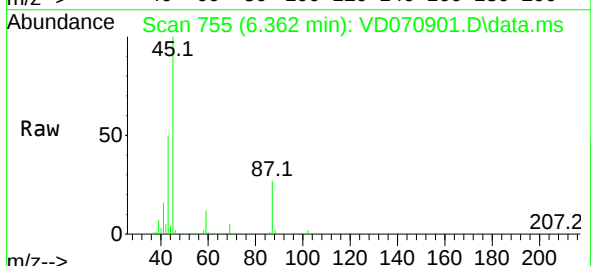
APPROVED

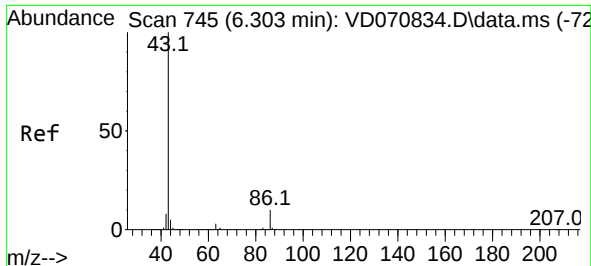
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
Diisopropyl ether
Concen: 56.466 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

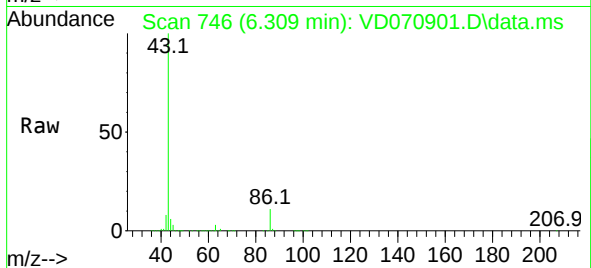
Tgt Ion: 45 Resp: 768432
Ion Ratio Lower Upper
45 100
43 49.3 39.6 59.4
87 26.9 21.2 31.8
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 251.423 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28

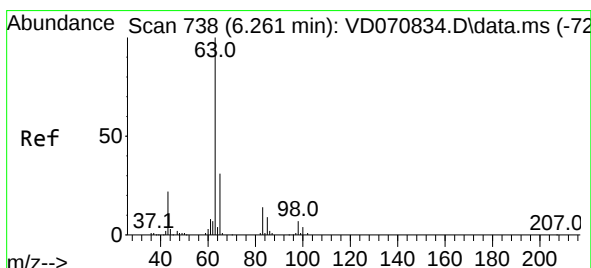
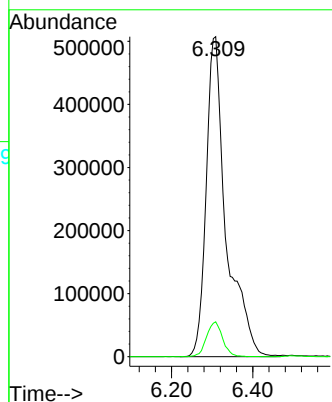
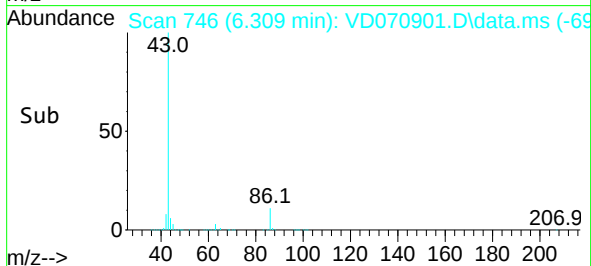
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



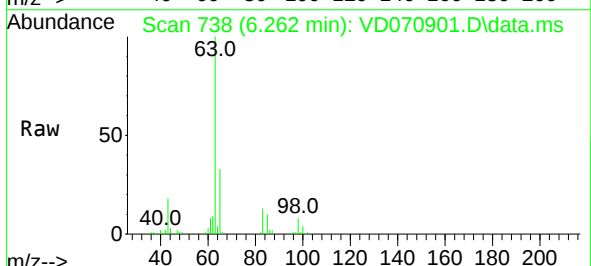
Tgt Ion: 43 Resp: 1728830
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4

Manual Integrations
 APPROVED

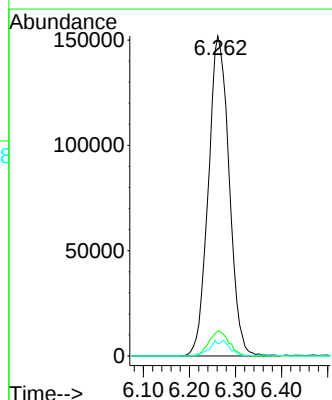
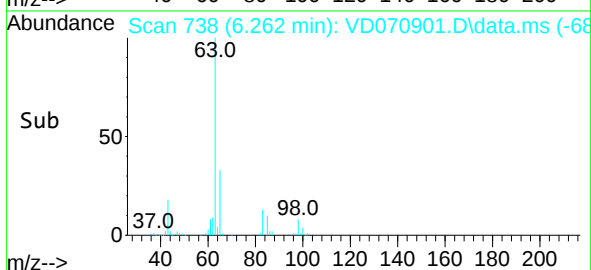
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

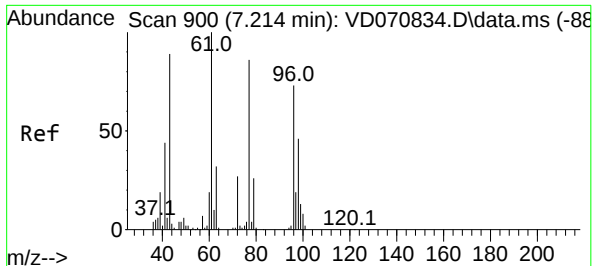


#24
 1,1-Dichloroethane
 Concen: 52.004 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28



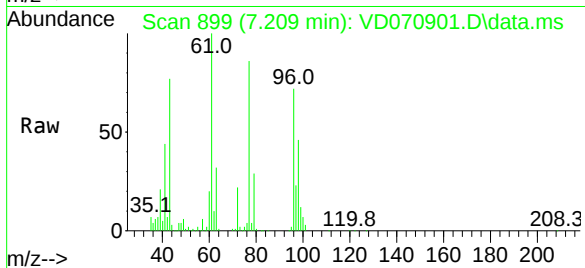
Tgt Ion: 63 Resp: 476993
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 3.8 2.1 6.3





#25
2-Butanone
Concen: 258.141 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

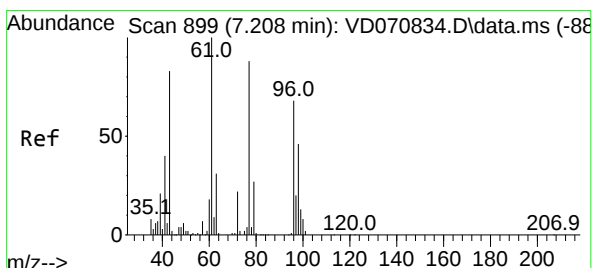
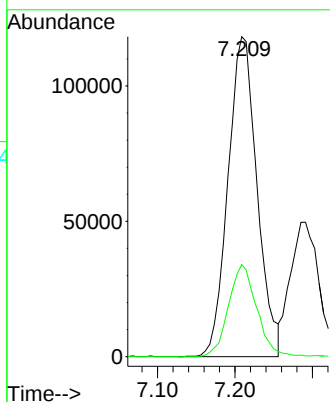
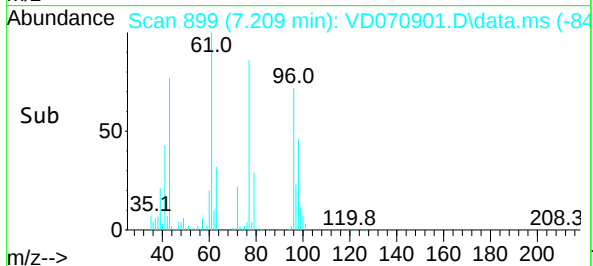
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 308659
Ion Ratio Lower Upper
43 100
72 28.8 23.8 35.6

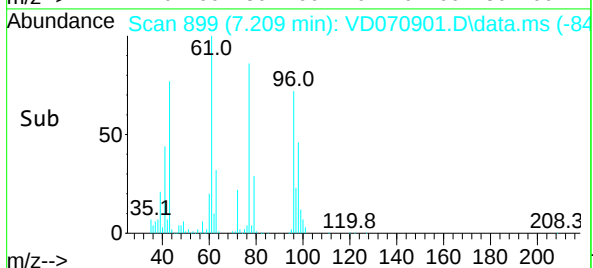
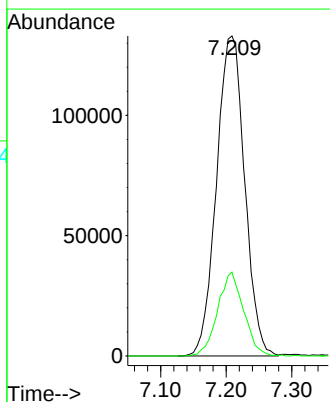
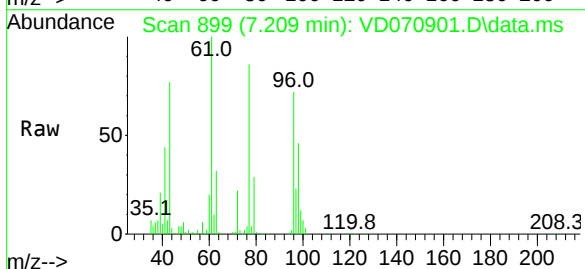
Manual Integrations
APPROVED

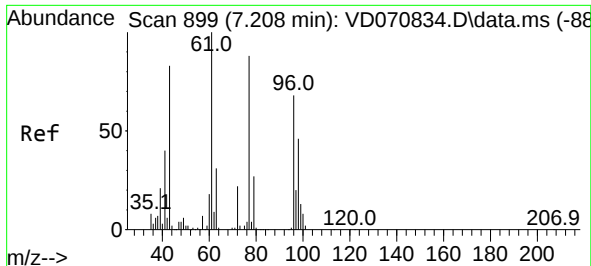
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
2,2-Dichloropropane
Concen: 54.170 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

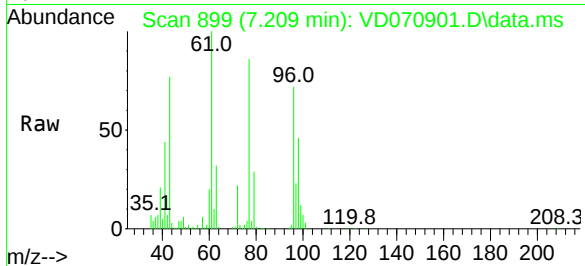
Tgt Ion: 77 Resp: 396423
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.475 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28

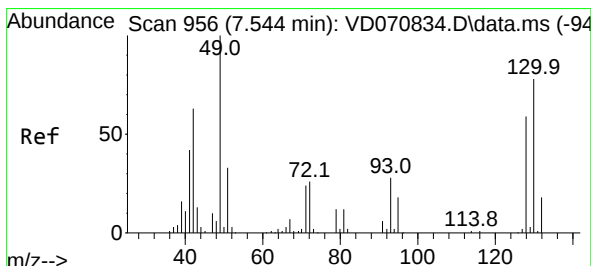
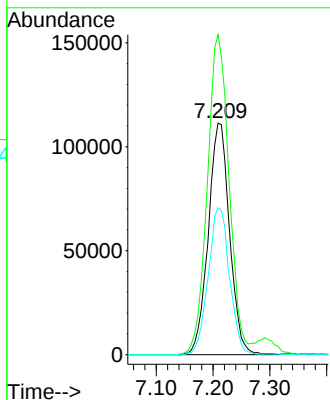
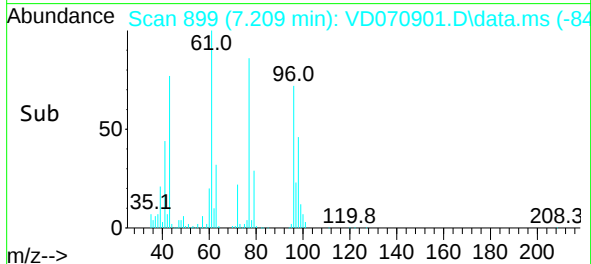
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 28980
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 288.6
 98 63.4 0.0 129.2

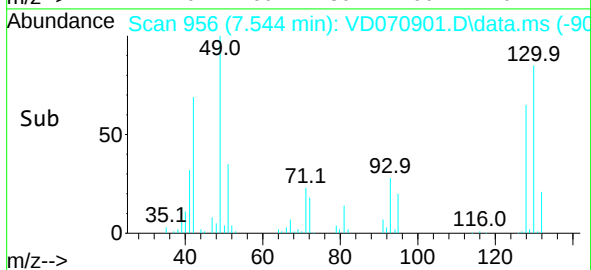
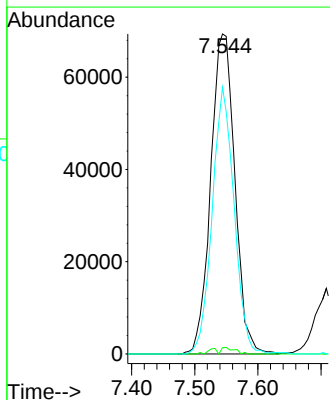
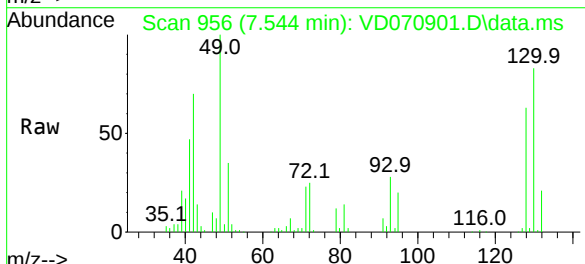
Manual Integrations
 APPROVED

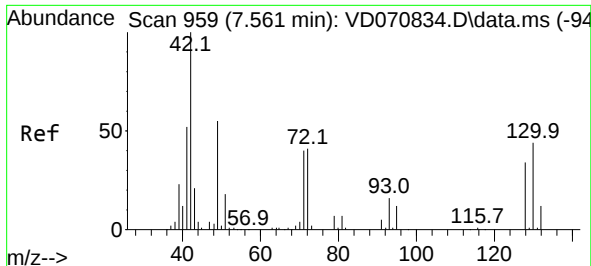
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#28
 Bromochloromethane
 Concen: 51.225 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28

Tgt Ion: 49 Resp: 184244
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 75.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 257.587 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 186074

Ion Ratio Lower Upper

42 100

72 41.8 33.7 50.5

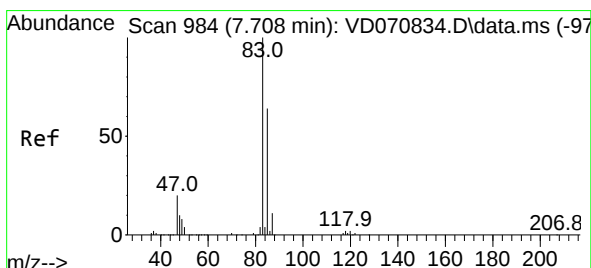
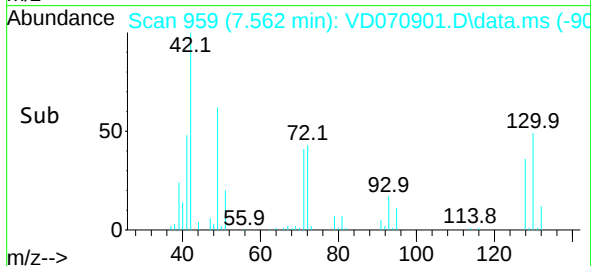
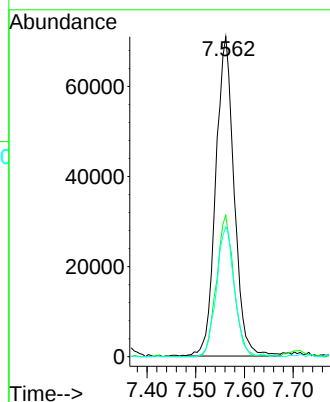
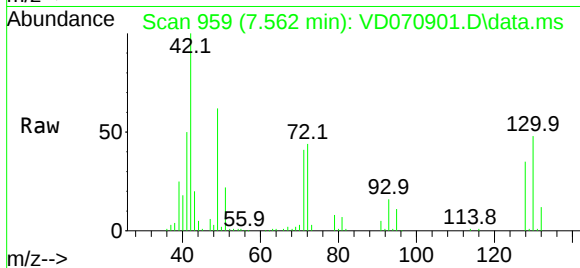
71 39.8 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Chloroform

Concen: 53.000 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD070901.D

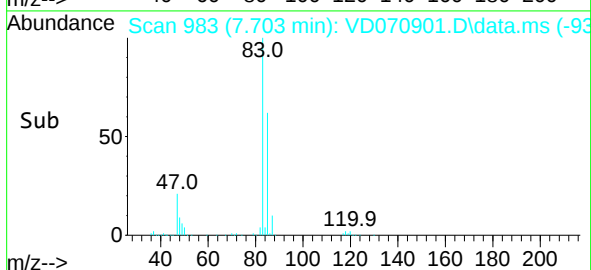
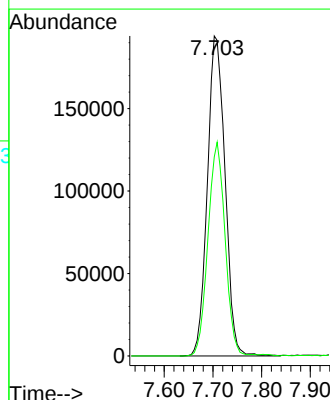
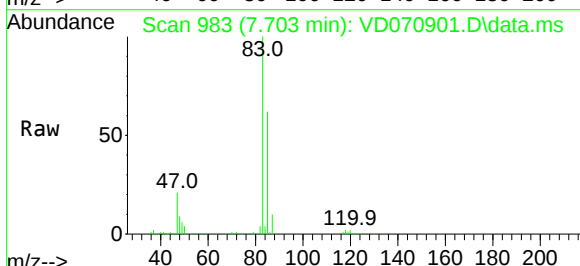
Acq: 03 Nov 2021 10:28

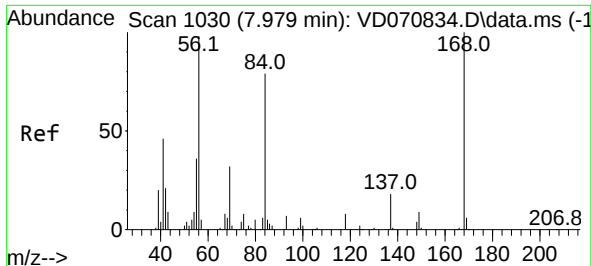
Tgt Ion: 83 Resp: 487921

Ion Ratio Lower Upper

83 100

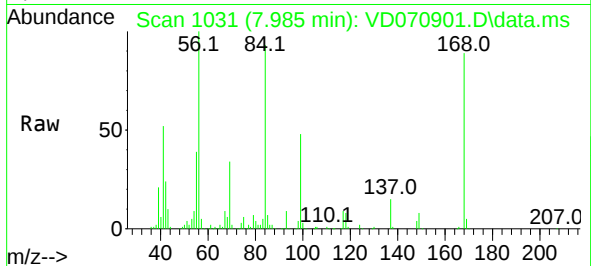
85 62.2 51.0 76.6





#31
Cyclohexane
Concen: 52.689 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

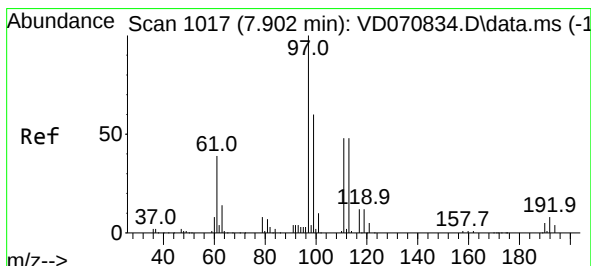
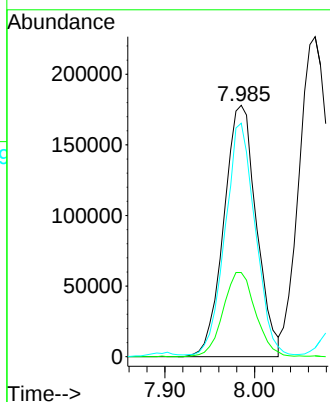
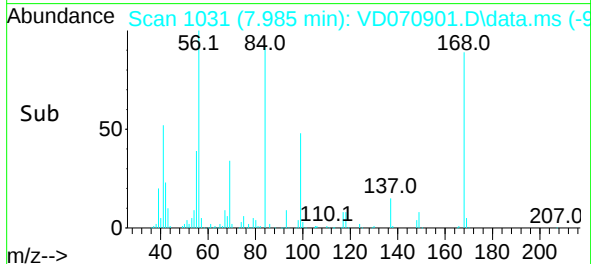
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



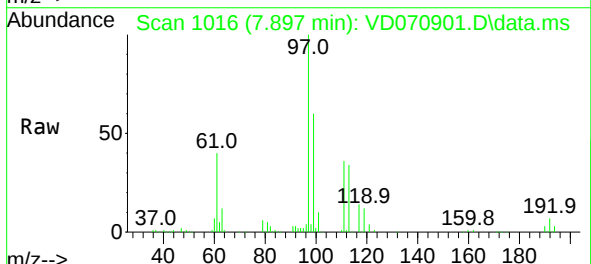
Tgt Ion: 56 Resp: 44830
Ion Ratio Lower Upper
56 100
69 33.5 25.9 38.9
84 92.0 64.3 96.5

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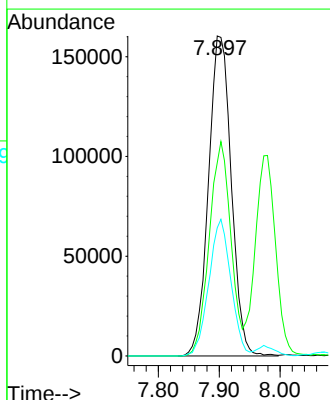
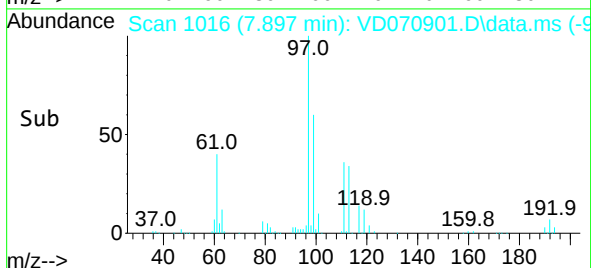
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

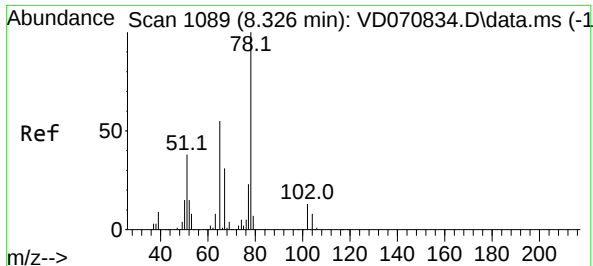


#32
1,1,1-Trichloroethane
Concen: 53.107 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



Tgt Ion: 97 Resp: 417553
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 41.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 44.891 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 187449

Ion Ratio Lower Upper

65 100

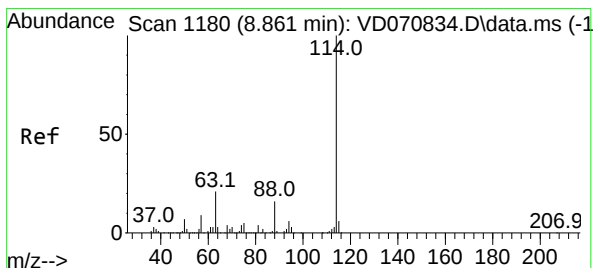
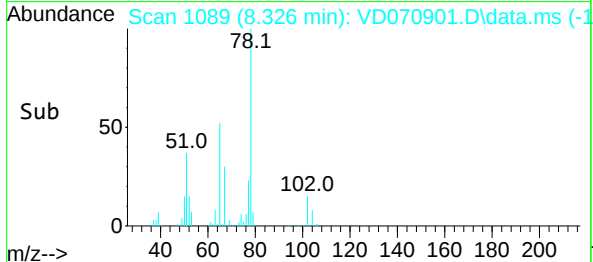
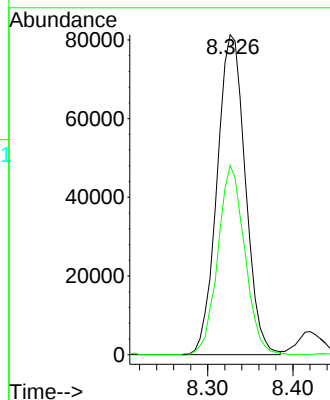
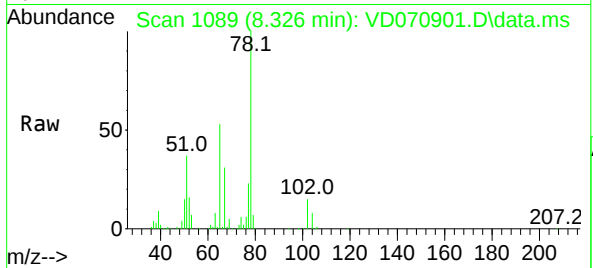
67 56.3 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

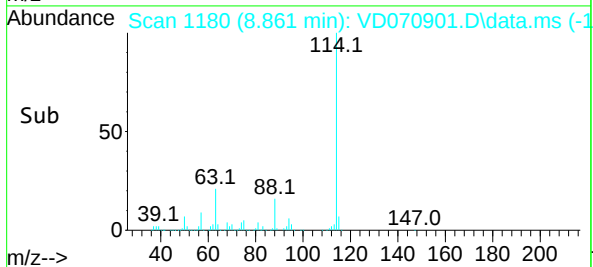
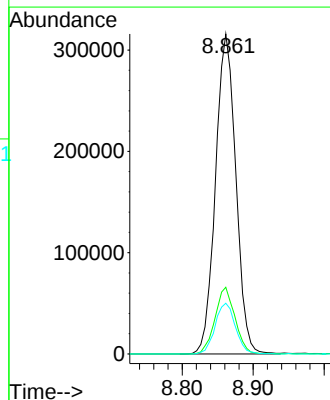
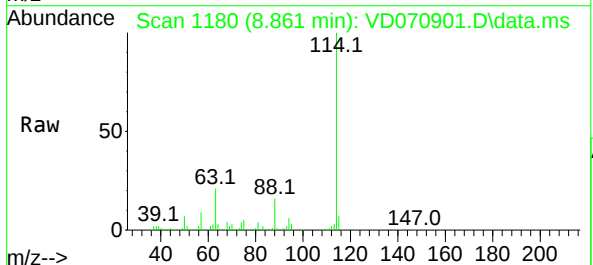
Tgt Ion:114 Resp: 627675

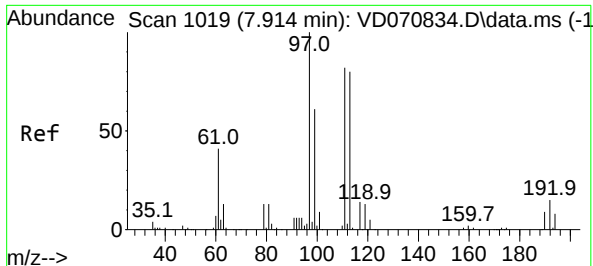
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.752 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 205902

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

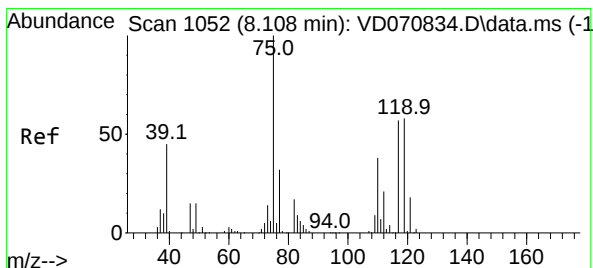
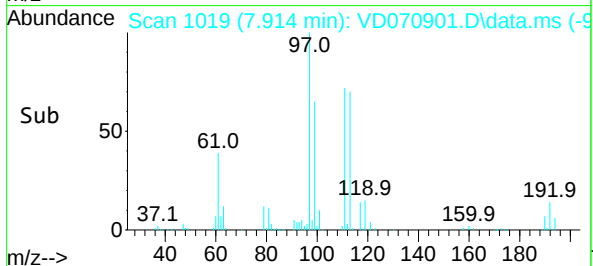
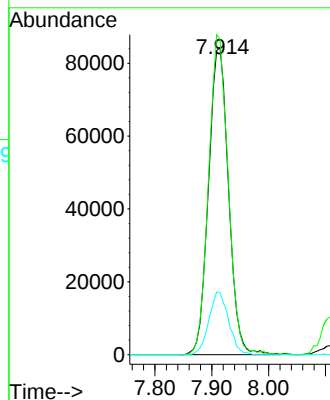
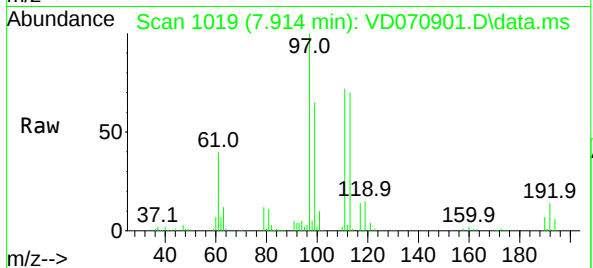
192 20.1 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#36

1,1-Dichloropropene

Concen: 58.307 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

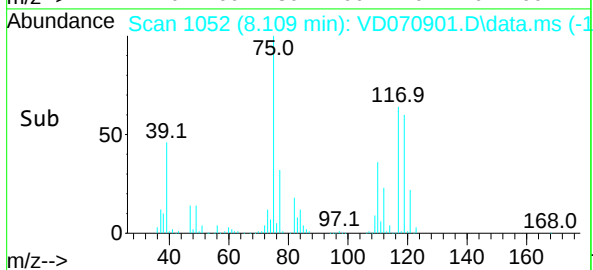
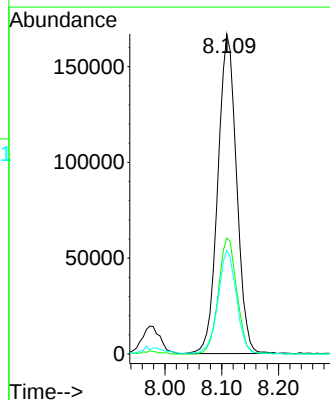
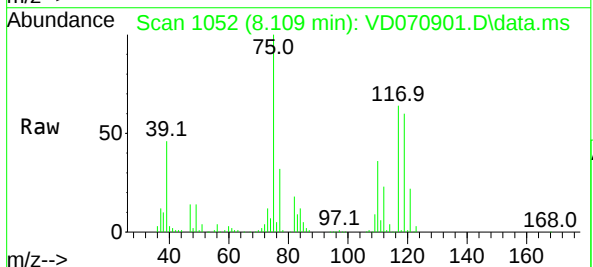
Tgt Ion: 75 Resp: 382917

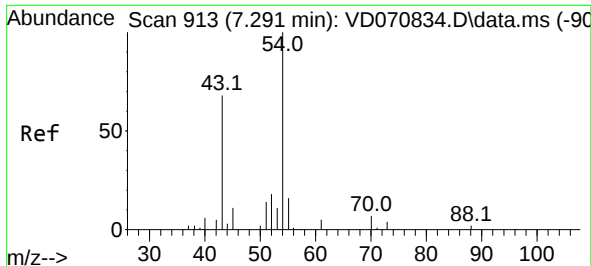
Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.4

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 53.762 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

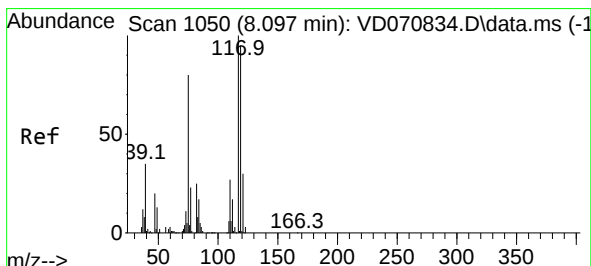
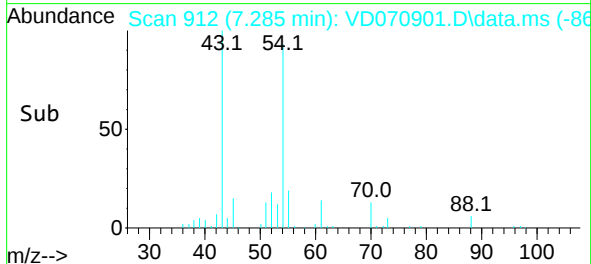
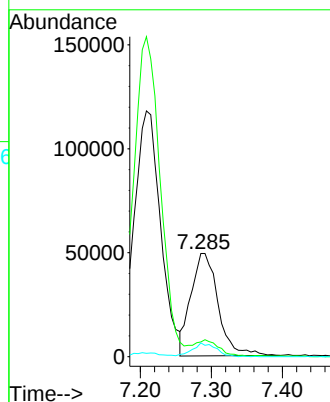
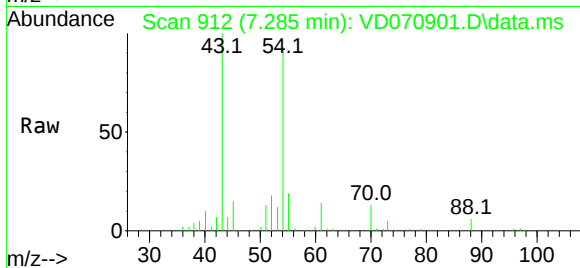
VSTDCCC050

Tgt Ion: 43 Resp: 131272
 Ion Ratio Lower Upper
 43 100
 61 12.7 13.0 19.6
 70 11.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#38

Carbon Tetrachloride

Concen: 56.782 ug/l

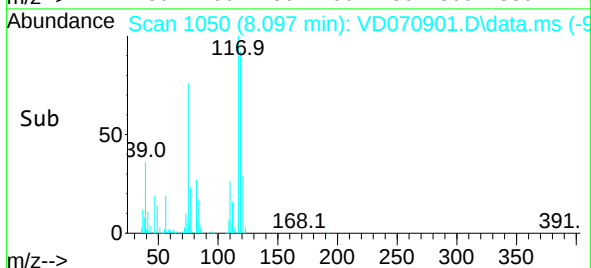
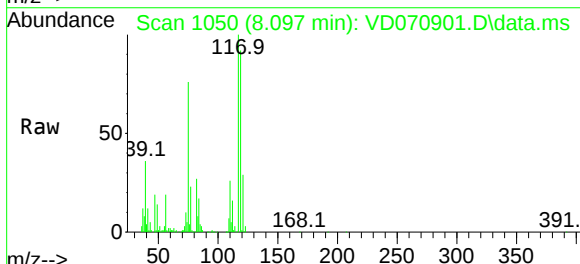
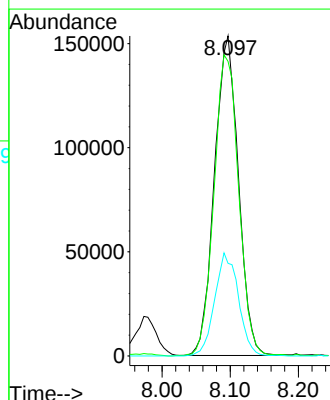
RT: 8.097 min Scan# 1050

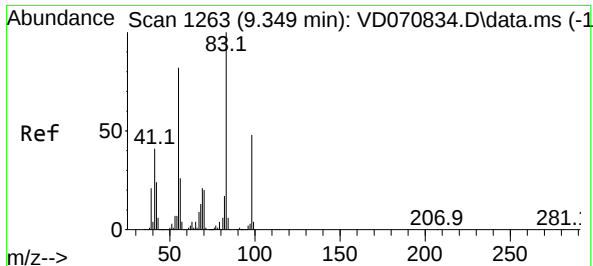
Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Tgt Ion:117 Resp: 374982
 Ion Ratio Lower Upper
 117 100
 119 92.0 75.8 113.6
 121 29.0 23.6 35.4





#39

Methylcyclohexane

Concen: 59.752 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 451538

Ion Ratio Lower Upper

83 100

55 78.8 65.8 98.8

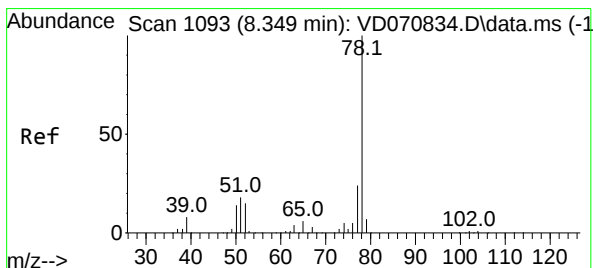
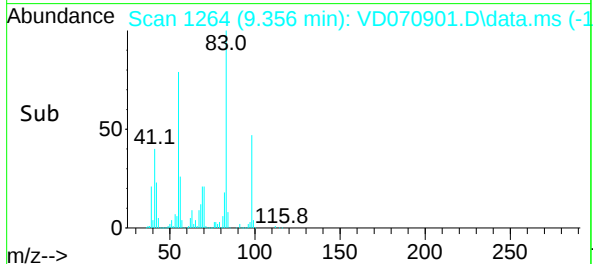
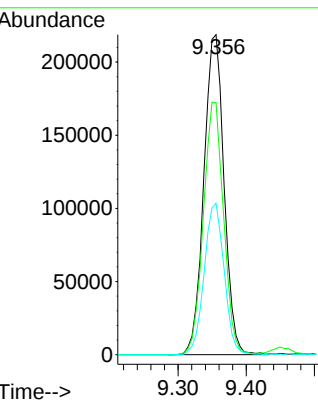
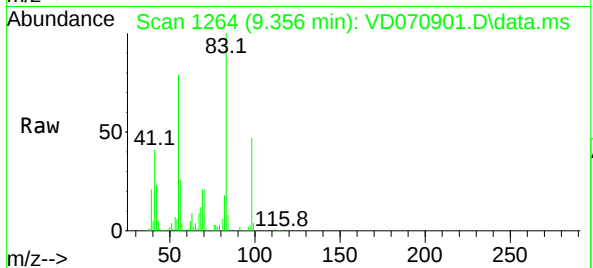
98 47.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Benzene

Concen: 57.555 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD070901.D

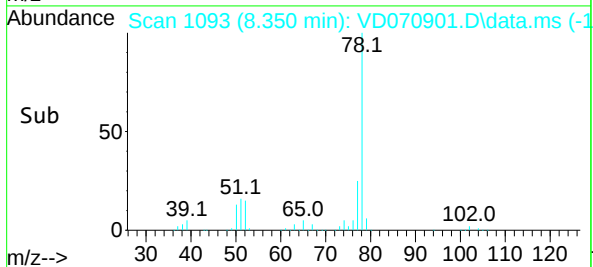
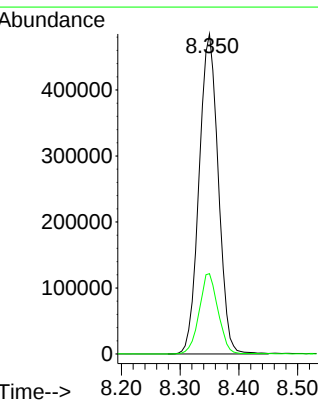
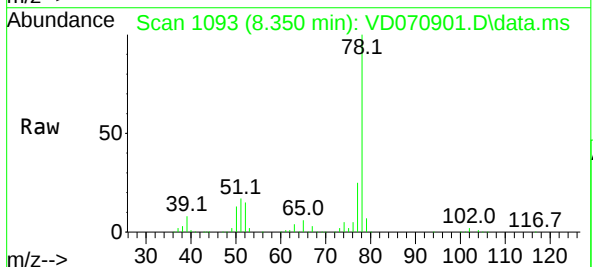
Acq: 03 Nov 2021 10:28

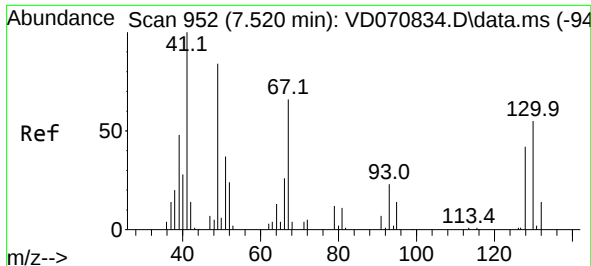
Tgt Ion: 78 Resp: 1098908

Ion Ratio Lower Upper

78 100

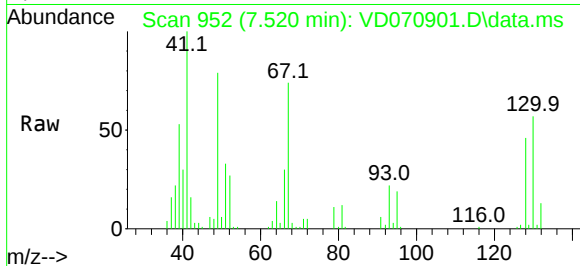
77 25.1 19.1 28.7





#41
Methacrylonitrile
Concen: 60.494 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

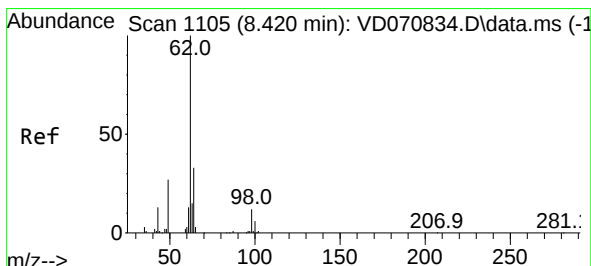
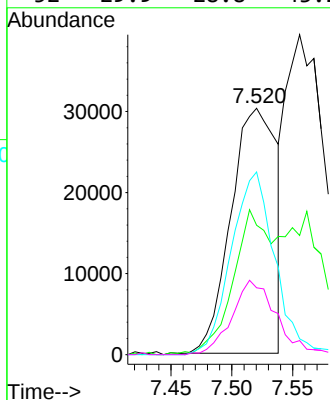
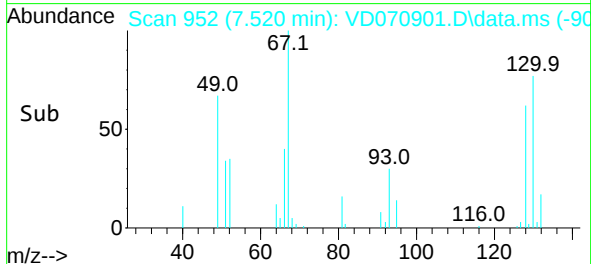
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



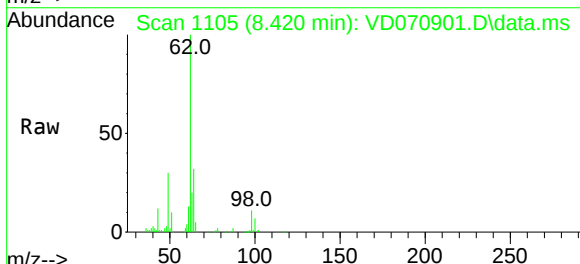
Tgt Ion: 41 Resp: 78130
Ion Ratio Lower Upper
41 100
39 46.7 60.2 90.4
67 72.3 74.8 112.2
52 29.9 28.8 43.2

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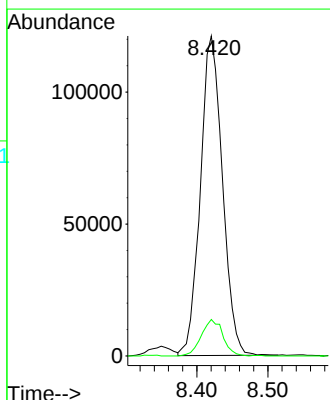
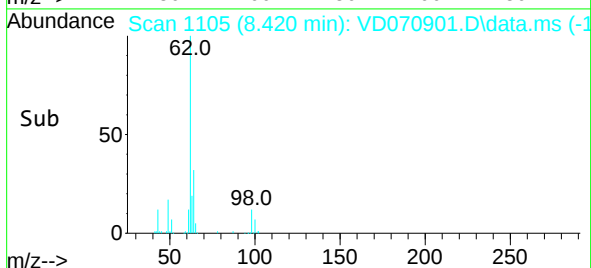
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

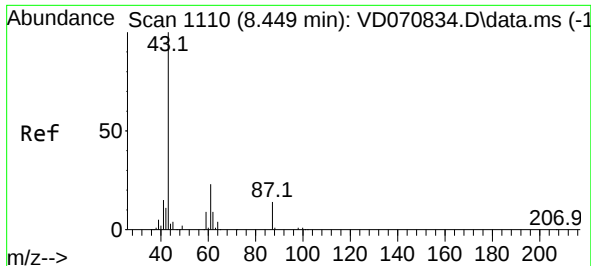


#42
1,2-Dichloroethane
Concen: 53.922 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



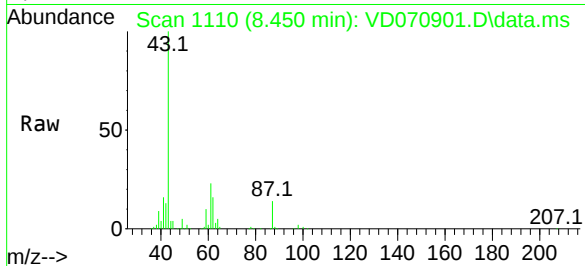
Tgt Ion: 62 Resp: 262125
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 52.781 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

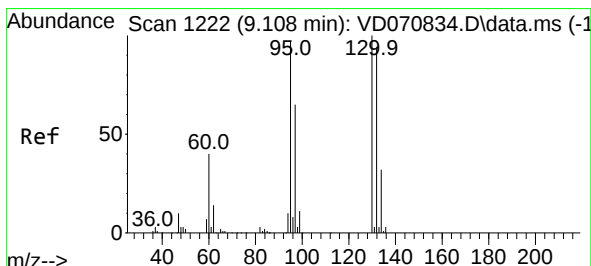
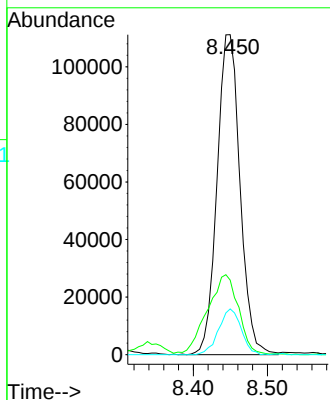
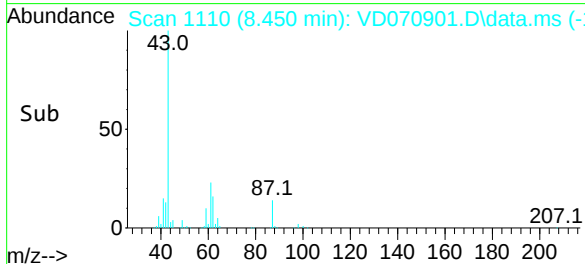
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 23956
Ion Ratio Lower Upper
43 100
61 33.3 28.2 42.4
87 14.0 10.7 16.1

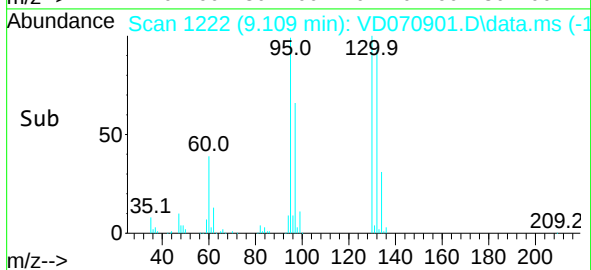
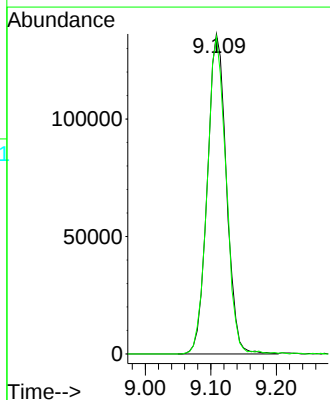
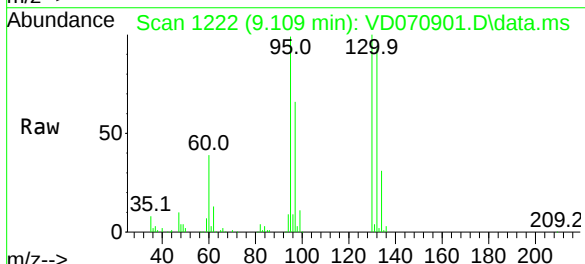
Manual Integrations
APPROVED

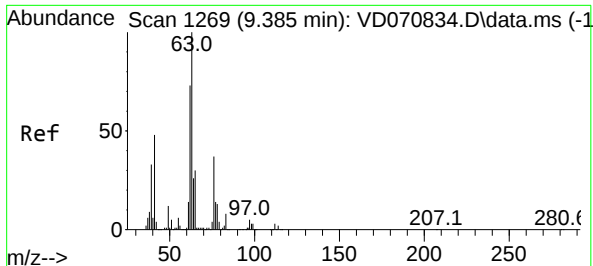
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
Trichloroethene
Concen: 55.808 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion:130 Resp: 275297
Ion Ratio Lower Upper
130 100
95 99.2 0.0 193.2





#45

1,2-Dichloropropane

Concen: 55.318 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 280020

Ion Ratio Lower Upper

63 100

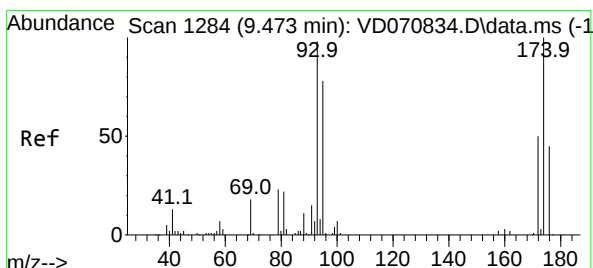
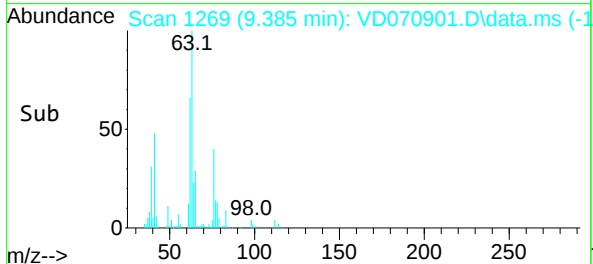
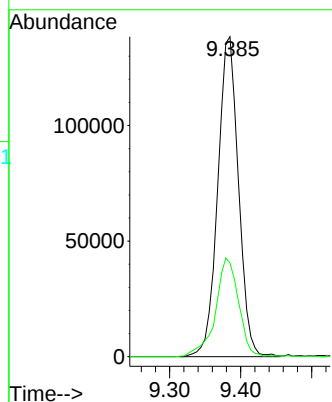
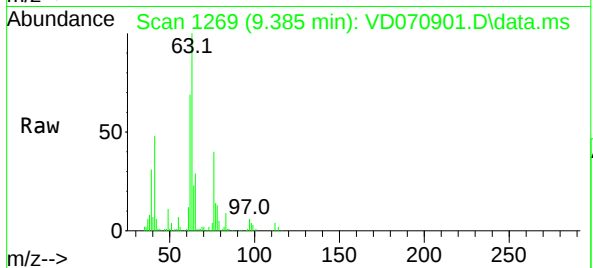
65 29.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

Dibromomethane

Concen: 54.917 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

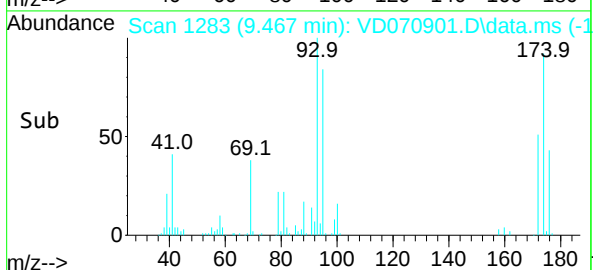
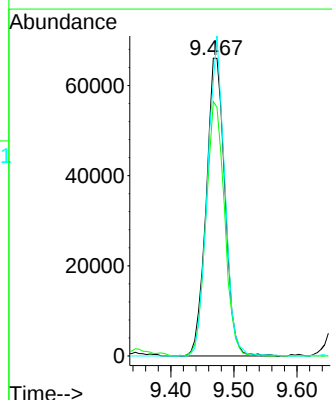
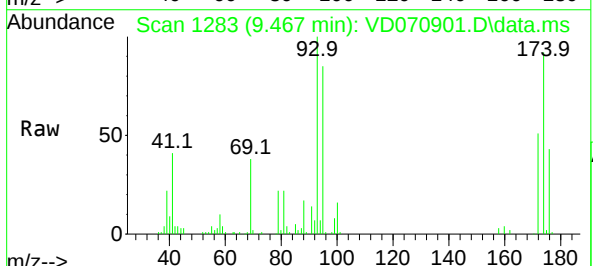
Tgt Ion: 93 Resp: 136288

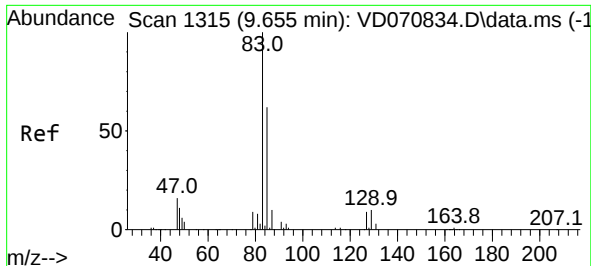
Ion Ratio Lower Upper

93 100

95 84.5 66.1 99.1

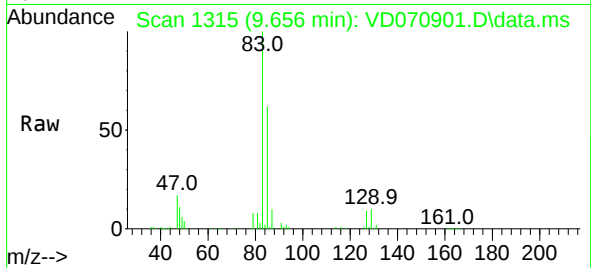
174 98.7 78.6 117.8





#47
Bromodichloromethane
Concen: 55.277 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

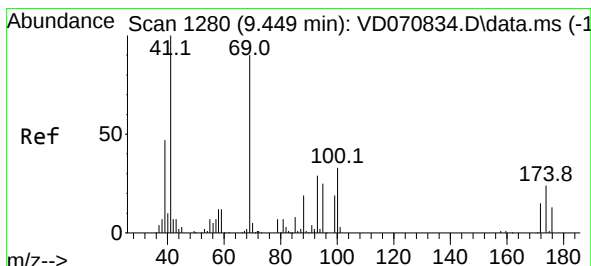
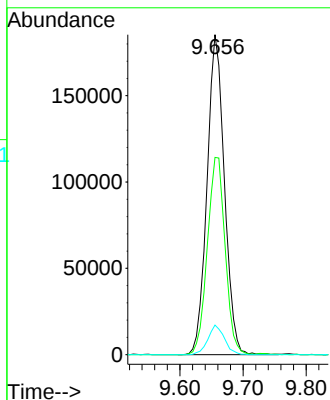
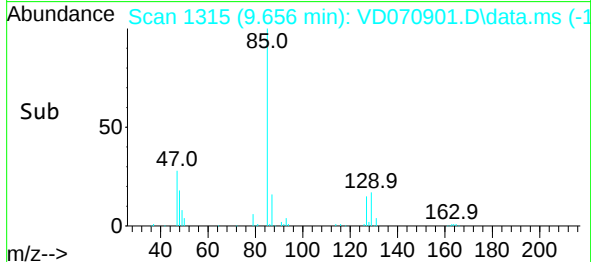
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



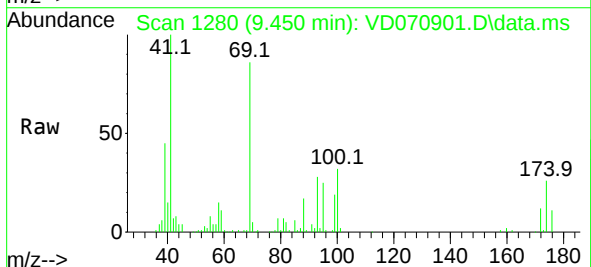
Tgt Ion: 83 Resp: 35463
Ion Ratio Lower Upper
83 100
85 61.7 50.0 75.0
127 9.2 7.3 10.9

Manual Integrations
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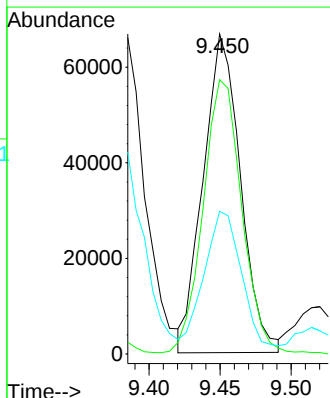
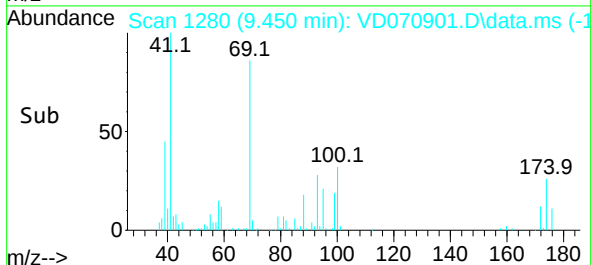
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

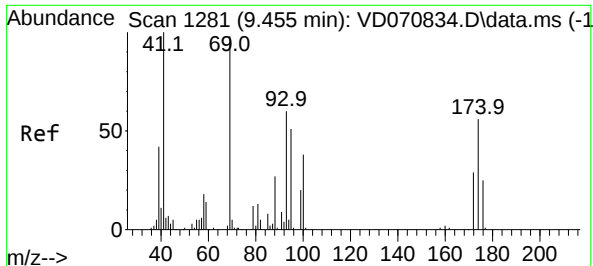


#48
Methyl methacrylate
Concen: 56.124 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



Tgt Ion: 41 Resp: 121711
Ion Ratio Lower Upper
41 100
69 89.7 69.8 104.6
39 45.8 35.6 53.4





#49

1,4-Dioxane

Concen: 1092.375 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

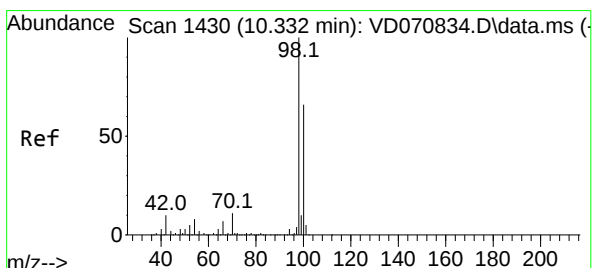
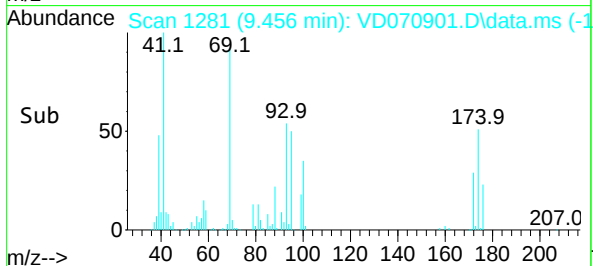
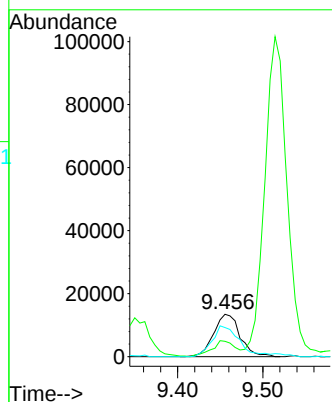
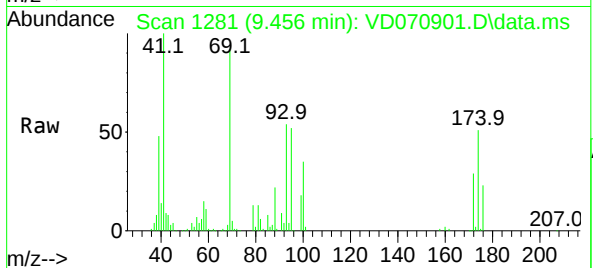
VSTDCCC050

Tgt Ion:	88	Resp:	28934
Ion	Ratio	Lower	Upper
88	100		
43	32.9	28.9	43.3
58	79.1	56.3	84.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50

Toluene-d8

Concen: 51.628 ug/l

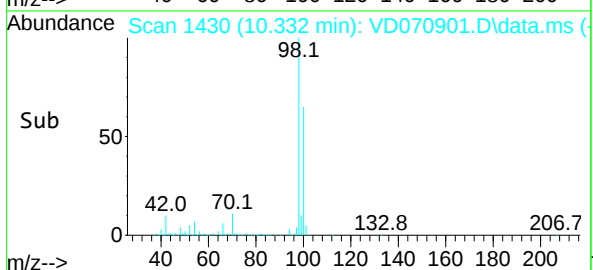
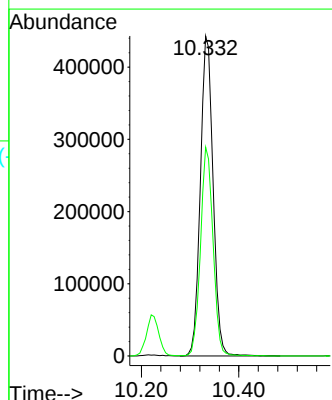
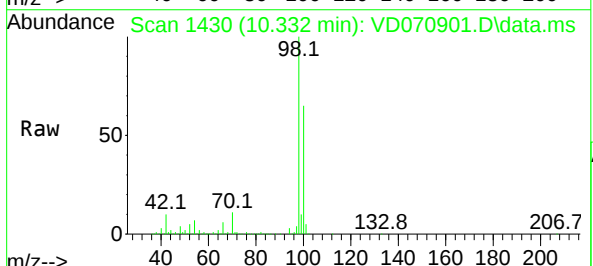
RT: 10.332 min Scan# 1430

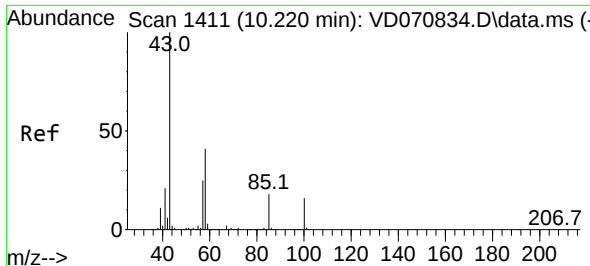
Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

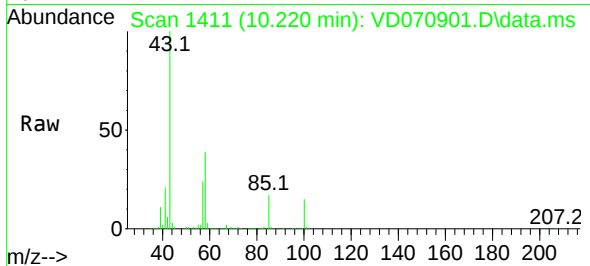
Tgt Ion:	98	Resp:	803843
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 275.949 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

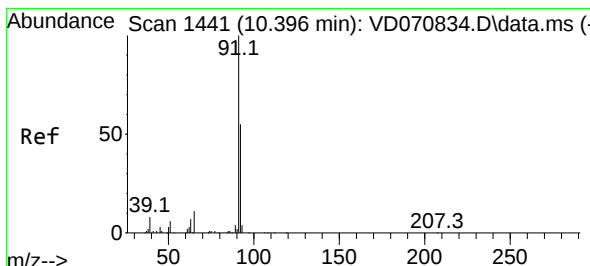
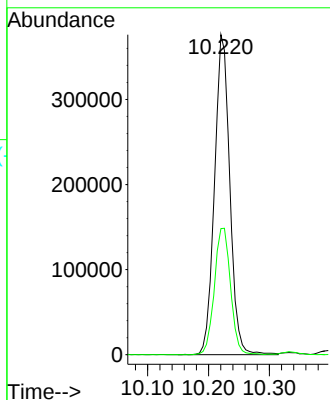
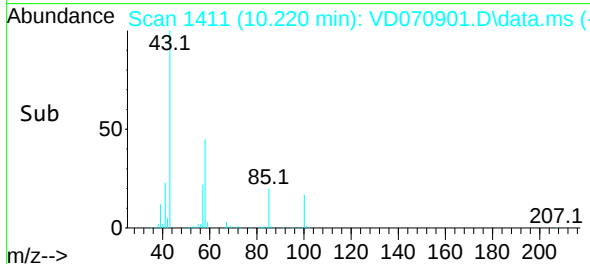
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 656760
Ion Ratio Lower Upper
43 100
58 41.7 33.1 49.7

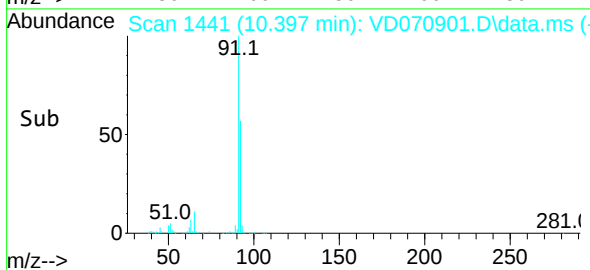
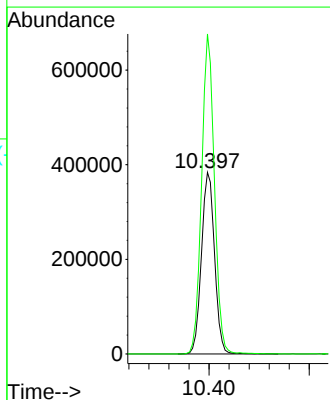
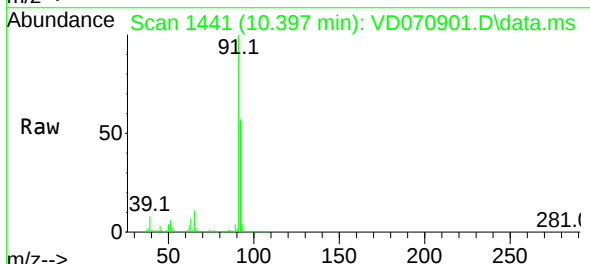
Manual Integrations
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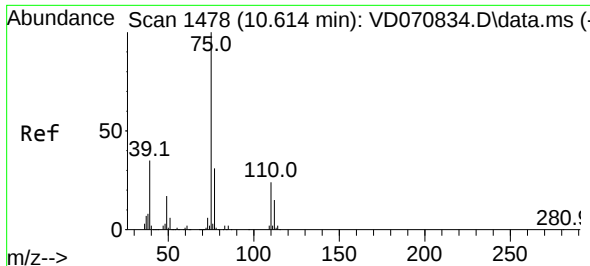
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Toluene
Concen: 60.609 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

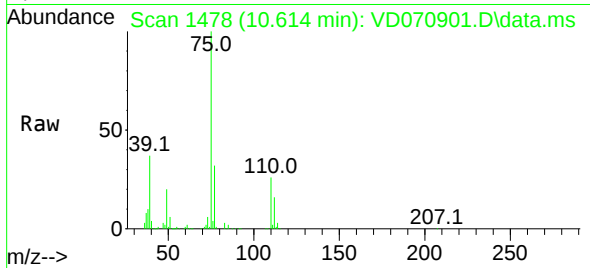
Tgt Ion: 92 Resp: 695465
Ion Ratio Lower Upper
92 100
91 172.2 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 56.480 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

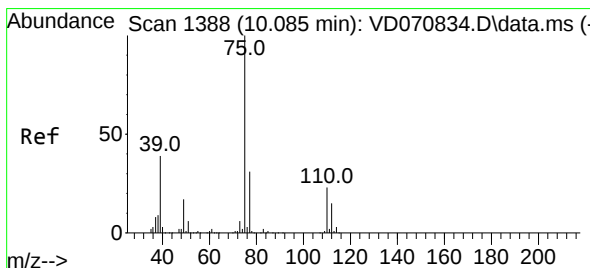
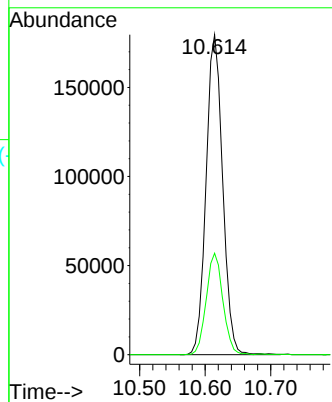
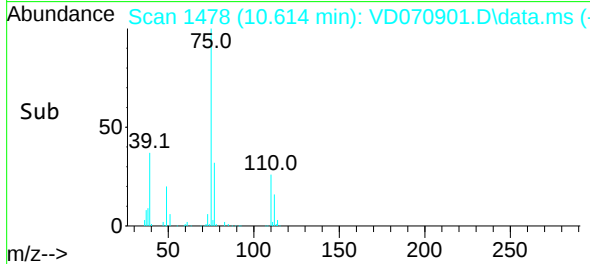
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



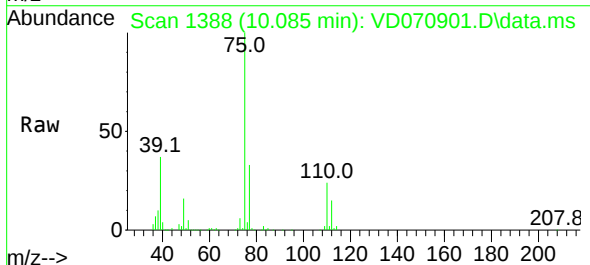
Tgt Ion: 75 Resp: 315790
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

Manual Integrations
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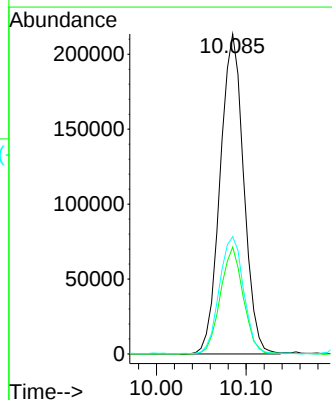
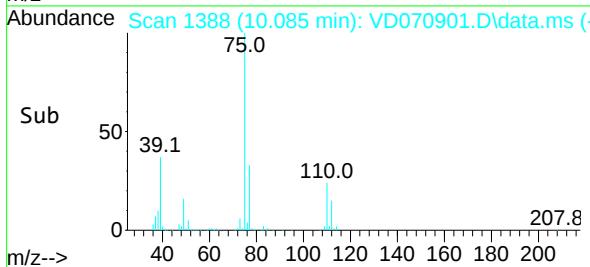
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

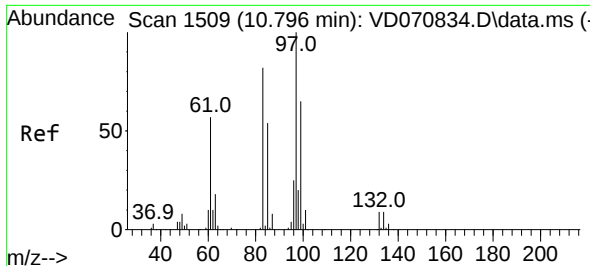


#54
cis-1,3-Dichloropropene
Concen: 56.339 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



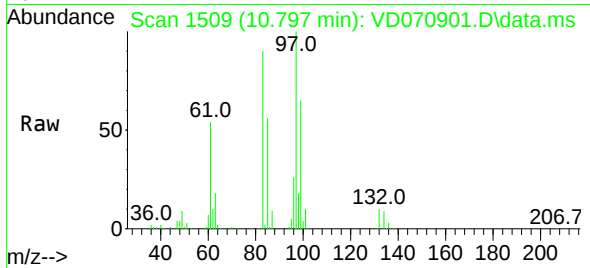
Tgt Ion: 75 Resp: 388940
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.6
39 36.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.256 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

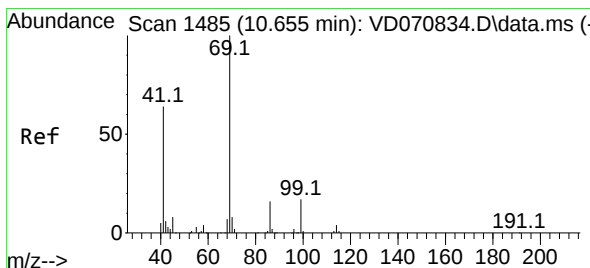
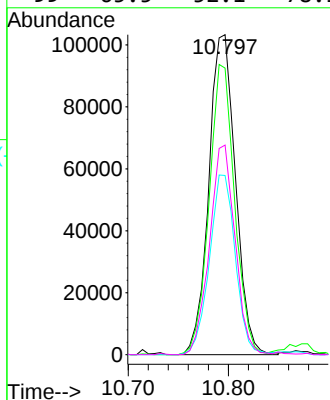
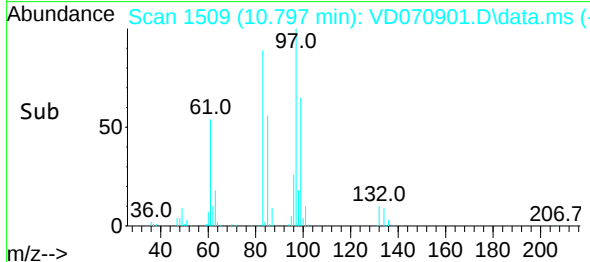
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



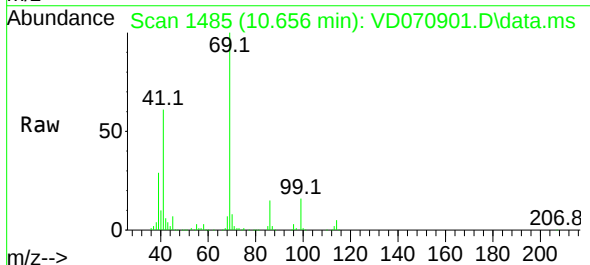
Tgt Ion:	97	Resp:	190964
Ion	Ratio	Lower	Upper
97	100		
83	89.5	65.2	97.8
85	56.0	43.4	65.0
99	65.5	52.1	78.1

Manual Integrations
APPROVED

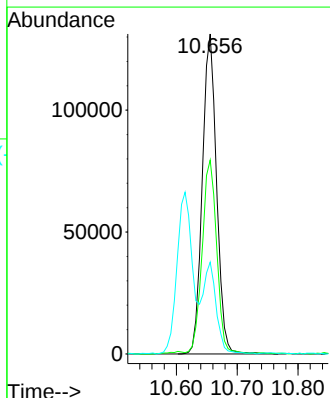
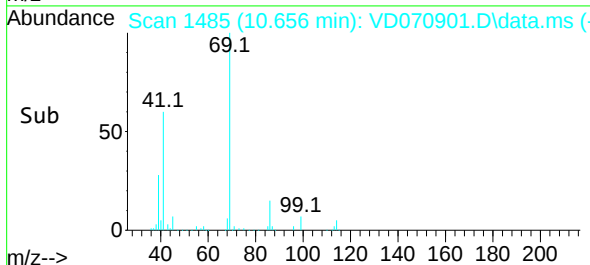
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

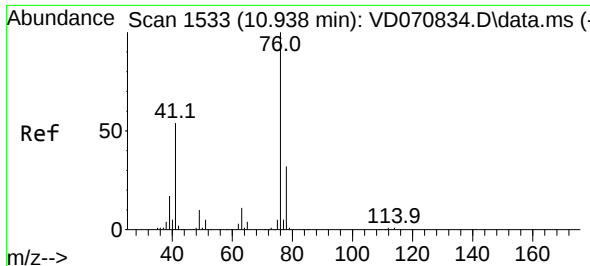


#56
Ethyl methacrylate
Concen: 49.527 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.001 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



Tgt Ion:	69	Resp:	213458
Ion	Ratio	Lower	Upper
69	100		
41	61.2	50.2	75.2
39	25.7	19.8	29.8





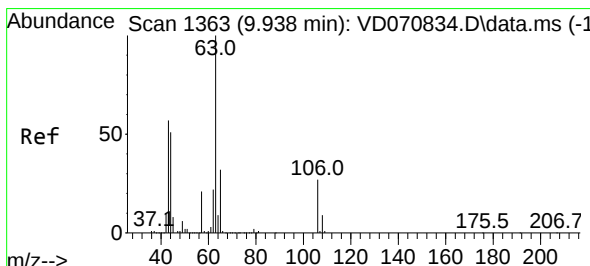
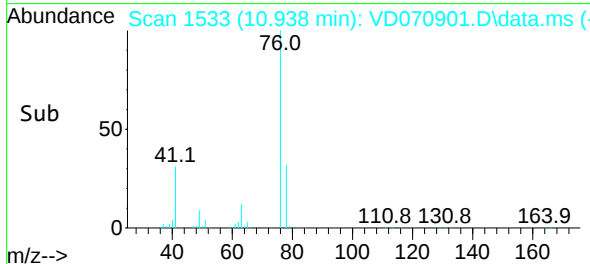
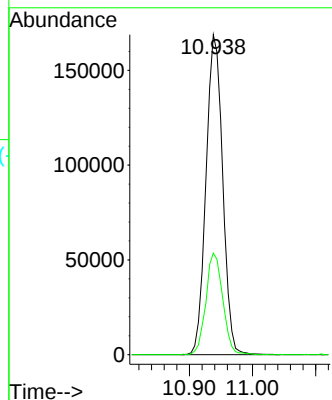
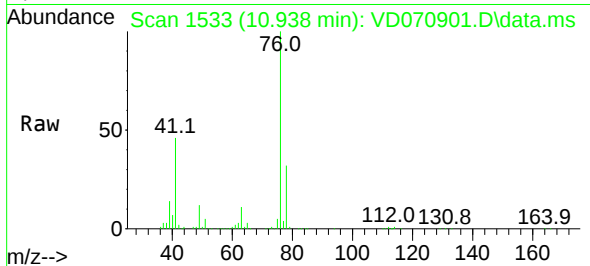
#57
1,3-Dichloropropane
Concen: 52.166 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 30937
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

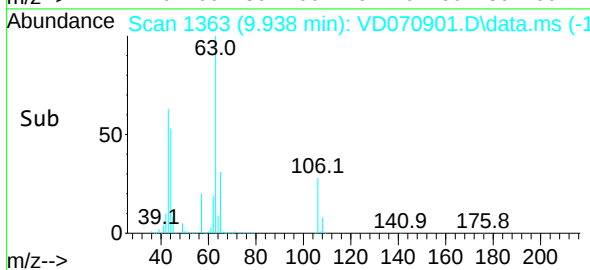
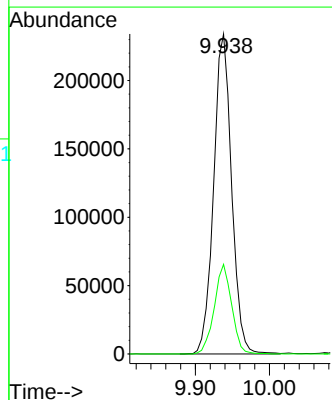
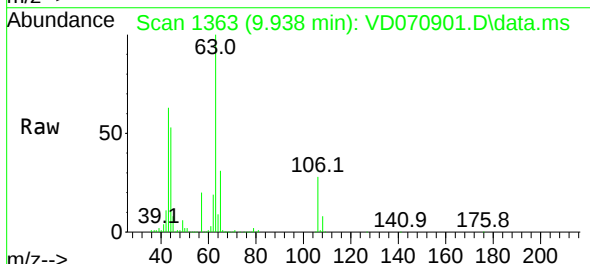
Manual Integrations
APPROVED

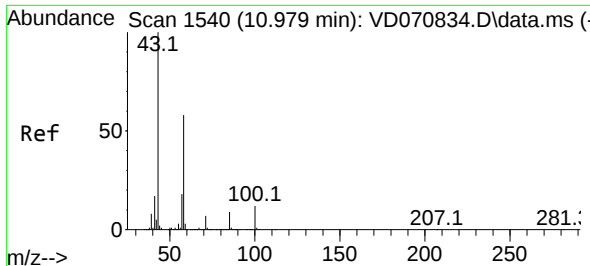
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
2-Chloroethyl Vinyl ether
Concen: 235.246 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

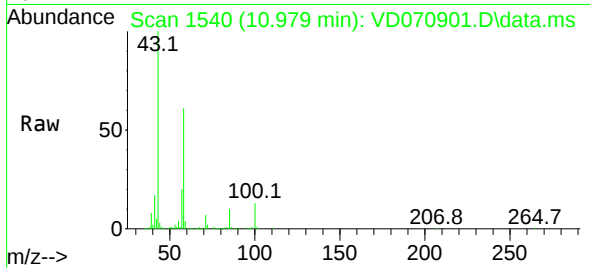
Tgt Ion: 63 Resp: 393629
Ion Ratio Lower Upper
63 100
106 27.1 21.0 31.4





#59
2-Hexanone
Concen: 266.889 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

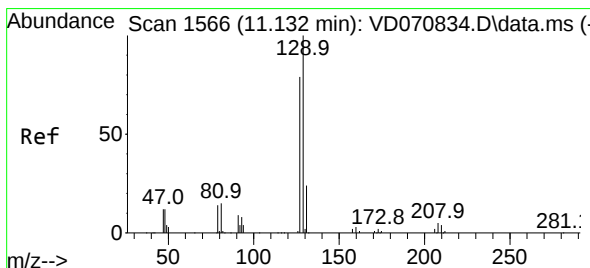
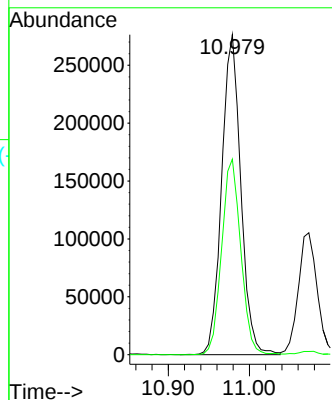
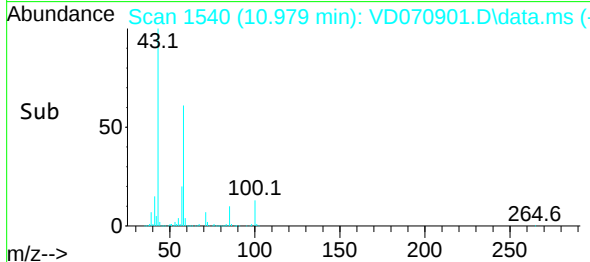
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



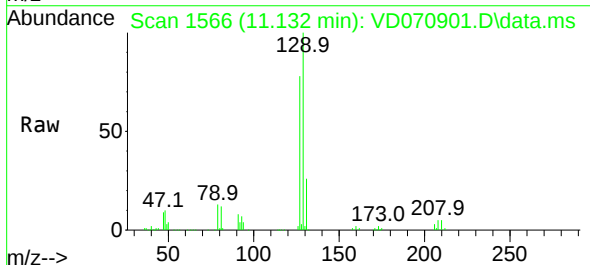
Tgt Ion: 43 Resp: 453440
Ion Ratio Lower Upper
43 100
58 61.0 28.7 86.1

Manual Integrations
APPROVED

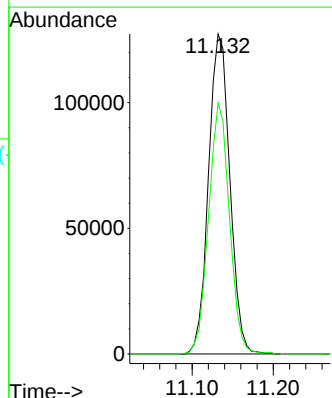
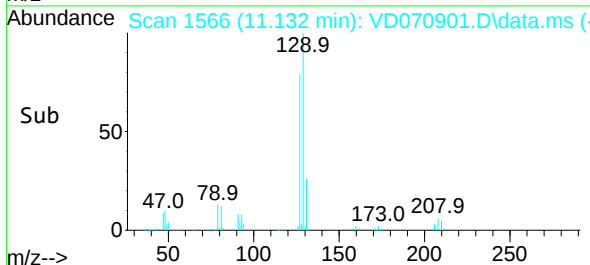
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

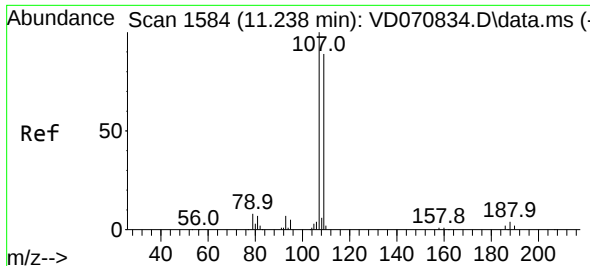


#60
Dibromochloromethane
Concen: 54.938 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



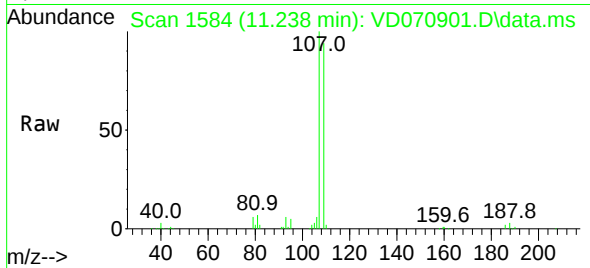
Tgt Ion:129 Resp: 232012
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 55.624 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

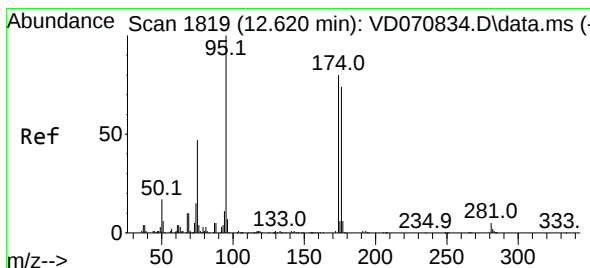
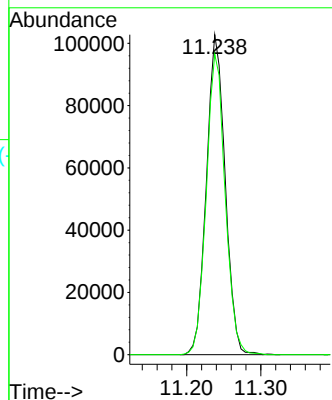
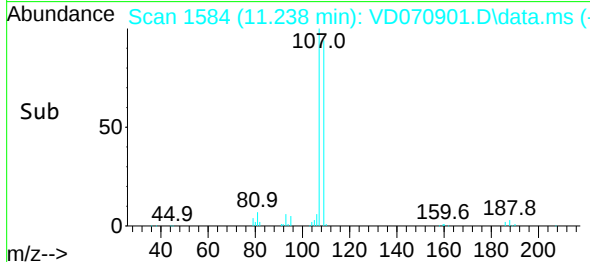
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



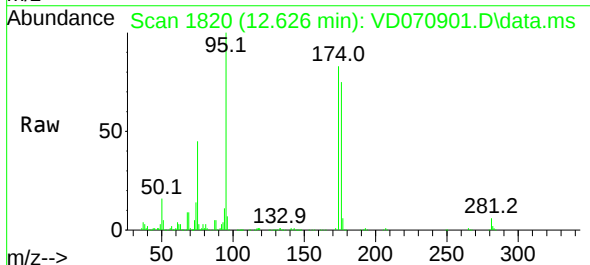
Tgt Ion:107 Resp: 180714
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0

Manual Integrations
APPROVED

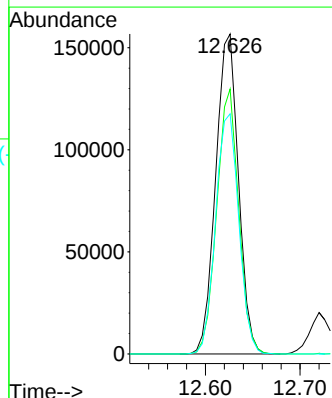
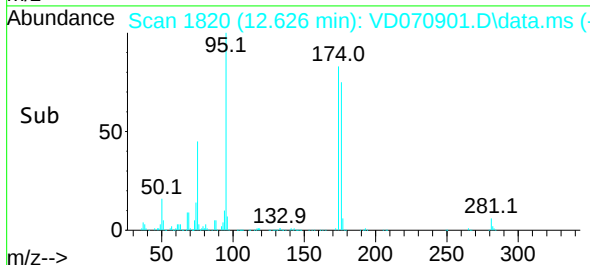
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

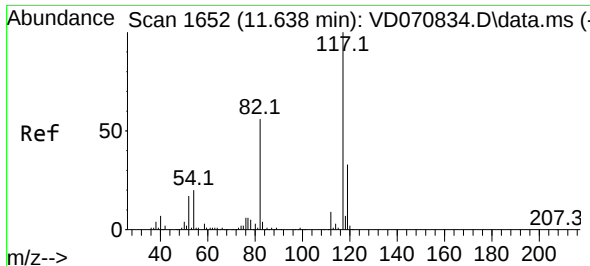


#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



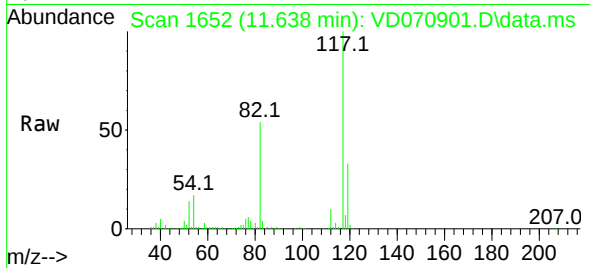
Tgt Ion: 95 Resp: 262049
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.4
176 76.4 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

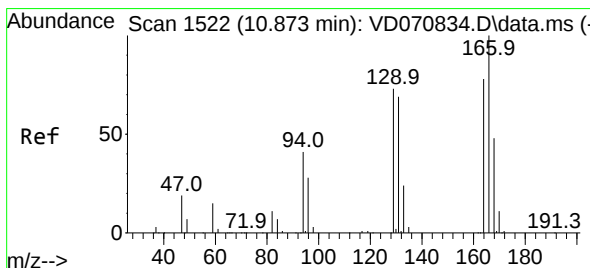
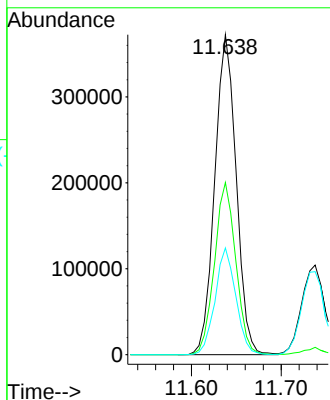
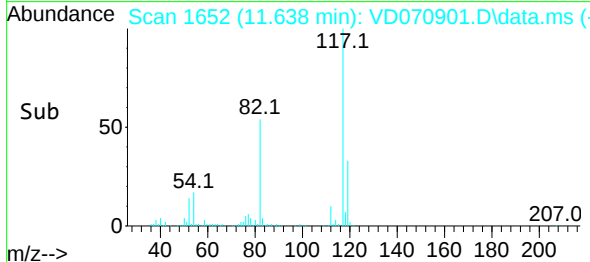
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 617608
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 33.4 26.2 39.4

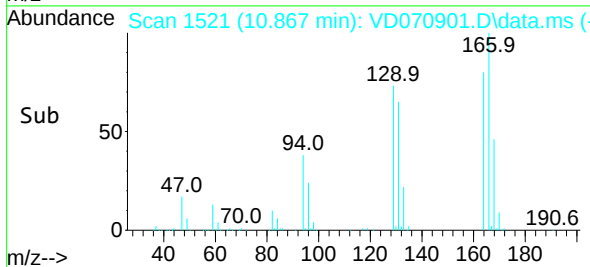
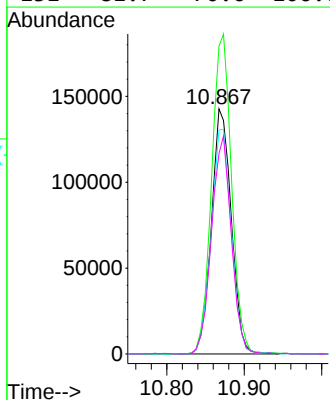
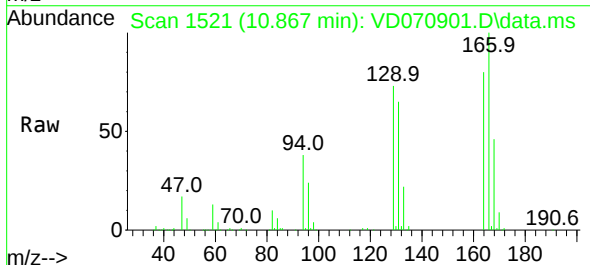
Manual Integrations
APPROVED

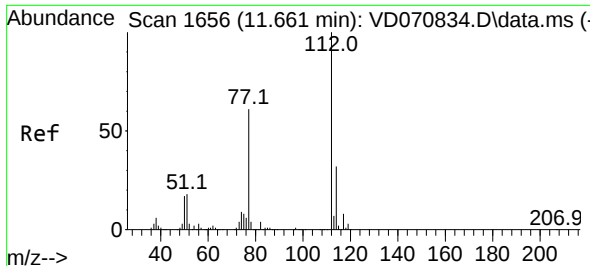
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
Tetrachloroethene
Concen: 60.016 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion:164 Resp: 254310
Ion Ratio Lower Upper
164 100
166 125.5 102.6 153.8
129 91.3 75.4 113.0
131 81.7 70.6 106.0





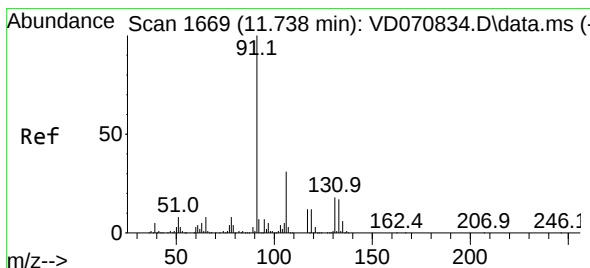
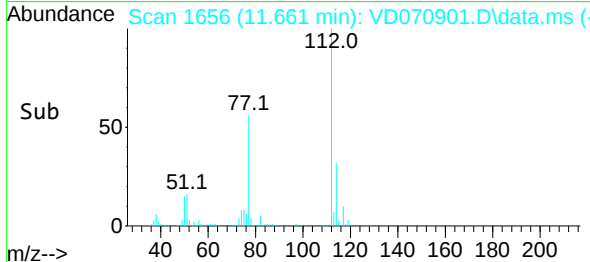
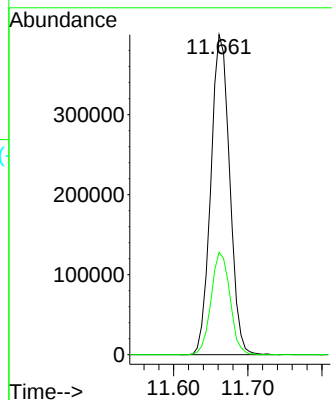
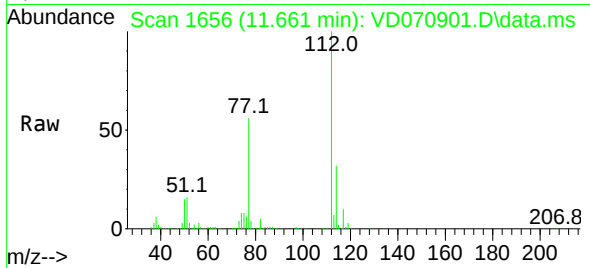
#65
Chlorobenzene
Concen: 55.740 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 706284
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

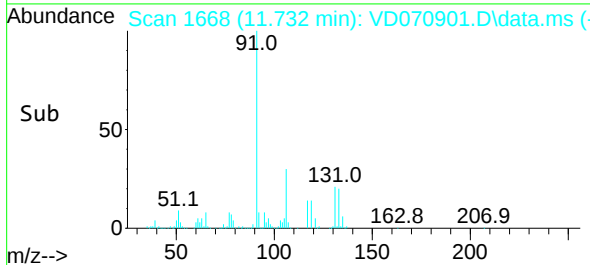
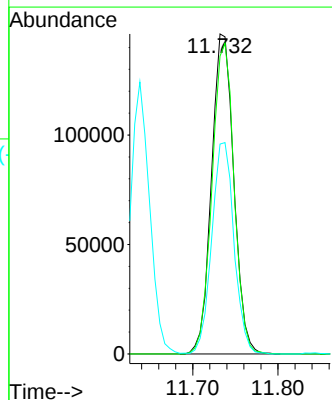
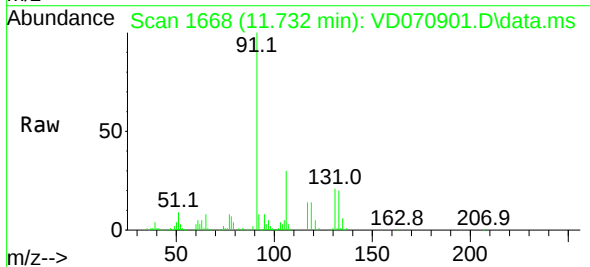
Manual Integrations
APPROVED

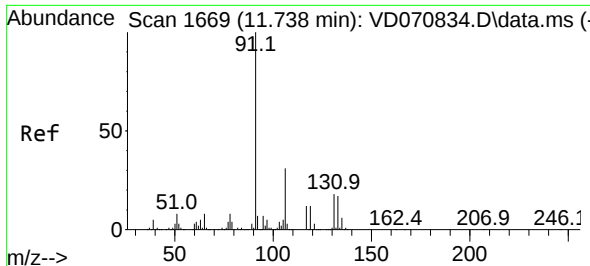
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 56.582 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

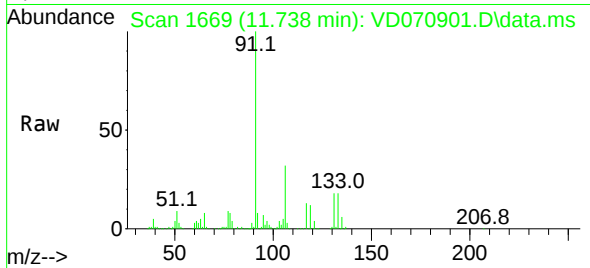
Tgt Ion:131 Resp: 265967
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.0 33.5 100.4





#67
Ethyl Benzene
Concen: 58.700 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

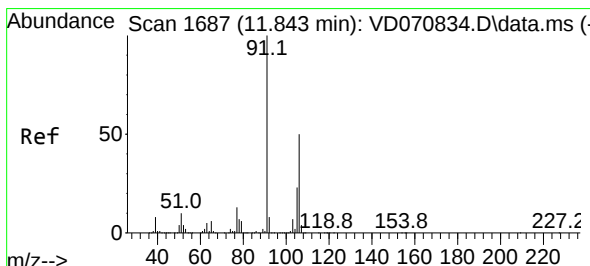
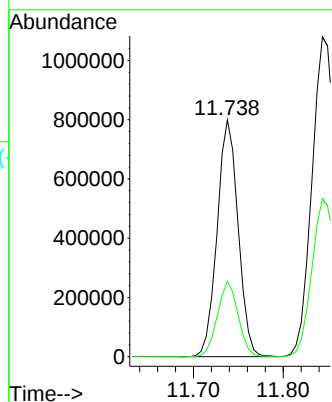
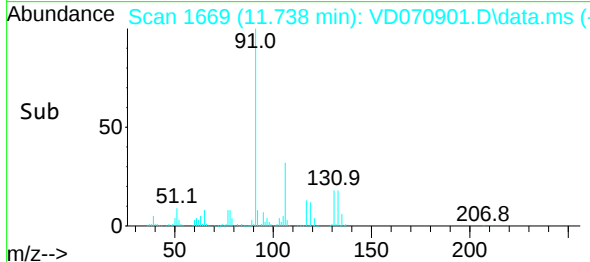
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



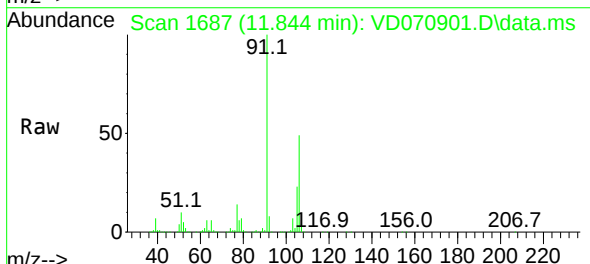
Tgt Ion: 91 Resp: 1295217
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

Manual Integrations
APPROVED

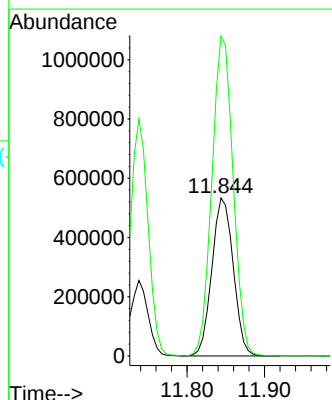
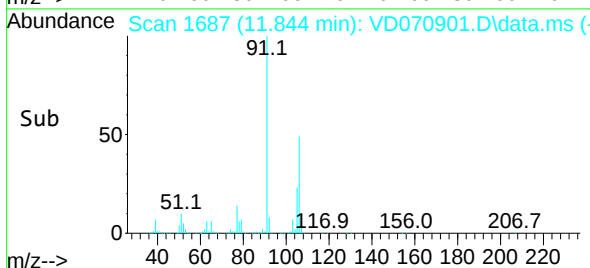
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

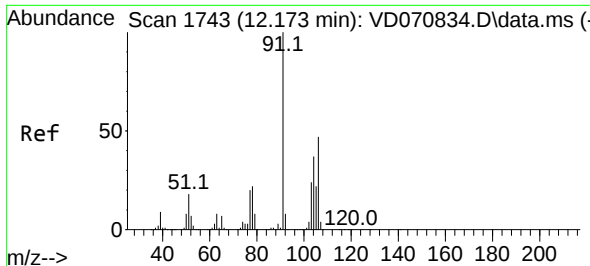


#68
m/p-Xylenes
Concen: 118.903 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



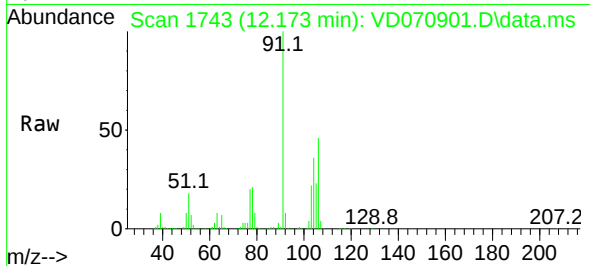
Tgt Ion:106 Resp: 1021553
Ion Ratio Lower Upper
106 100
91 200.8 160.1 240.1





#69
o-Xylene
Concen: 57.899 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

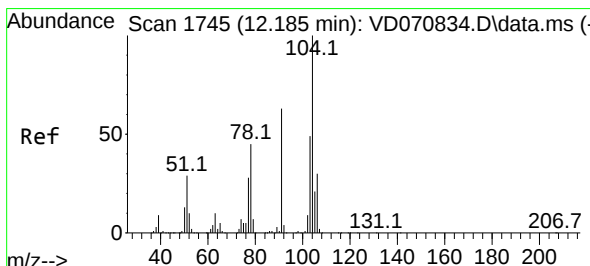
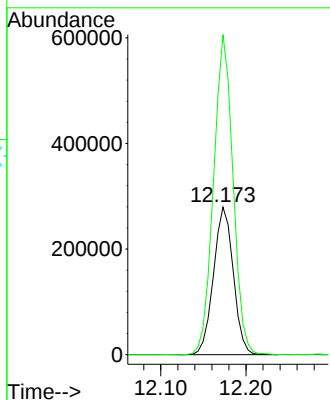
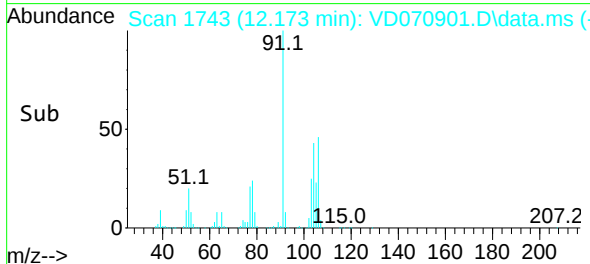
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



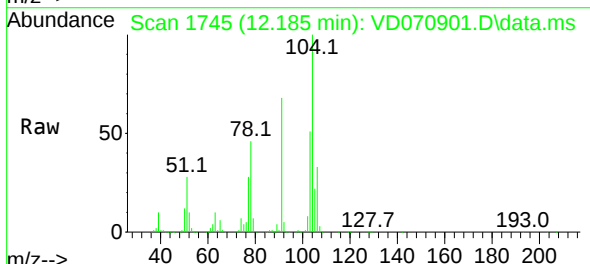
Tgt Ion:106 Resp: 450530
Ion Ratio Lower Upper
106 100
91 213.9 106.3 319.0

Manual Integrations
APPROVED

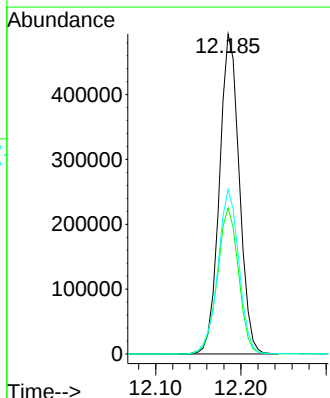
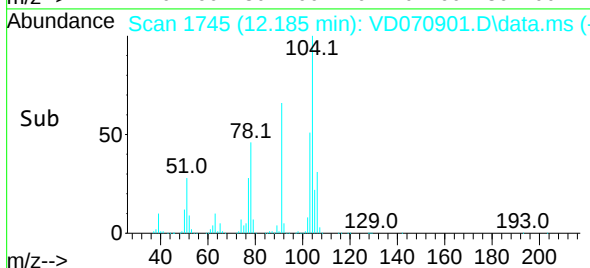
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

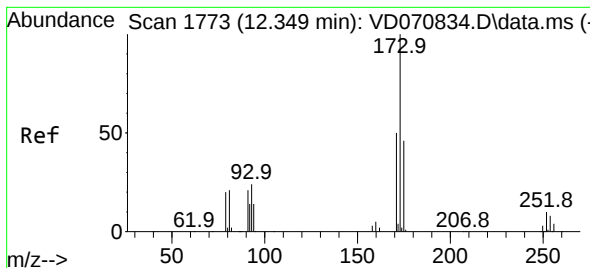


#70
Styrene
Concen: 59.313 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



Tgt Ion:104 Resp: 799342
Ion Ratio Lower Upper
104 100
78 48.7 39.4 59.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 52.406 ug/l

RT: 12.350 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

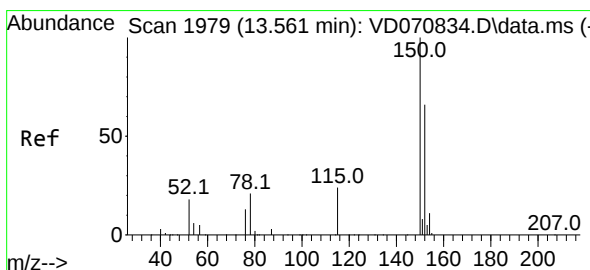
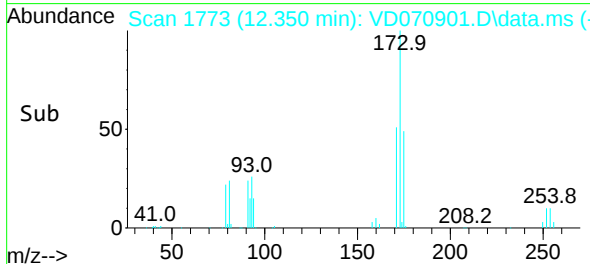
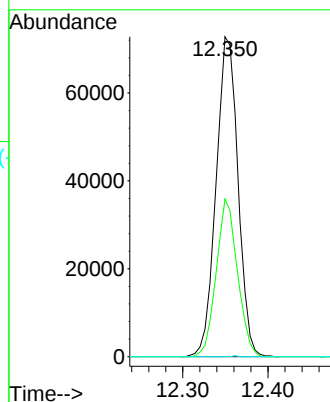
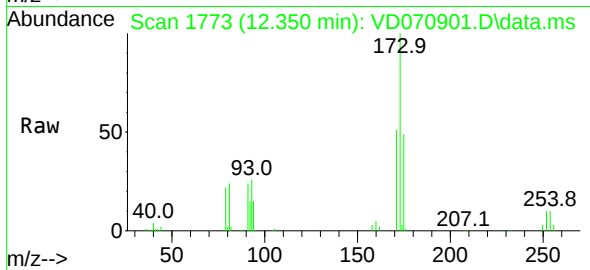
VSTDCCC050

Tgt Ion:173	Resp: 130179
Ion Ratio	Lower Upper
173 100	
175 47.7	24.1 72.2
254 0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

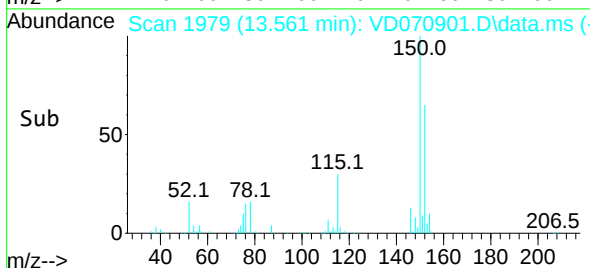
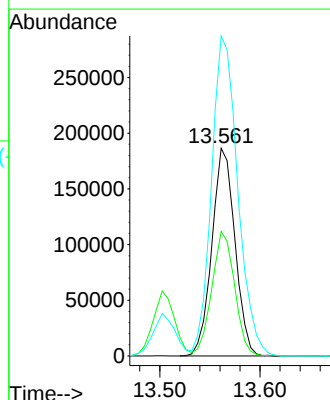
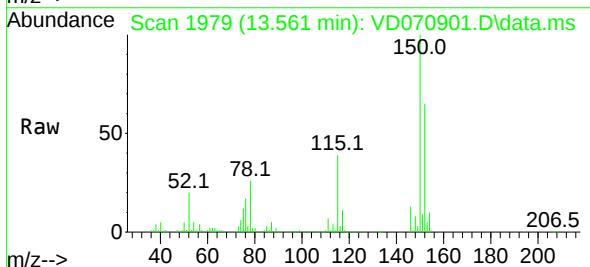
RT: 13.561 min Scan# 1979

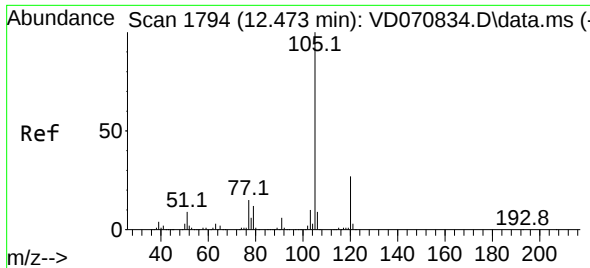
Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

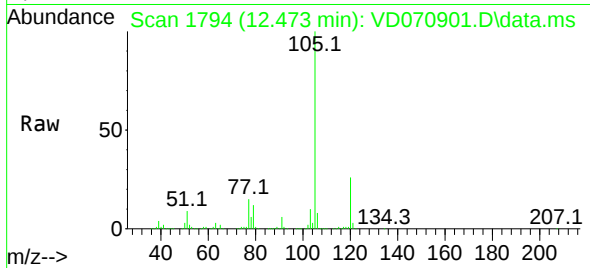
Tgt Ion:152	Resp: 298191
Ion Ratio	Lower Upper
152 100	
115 58.7	29.8 89.3
150 174.9	0.0 349.2





#73
Isopropylbenzene
Concen: 60.571 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

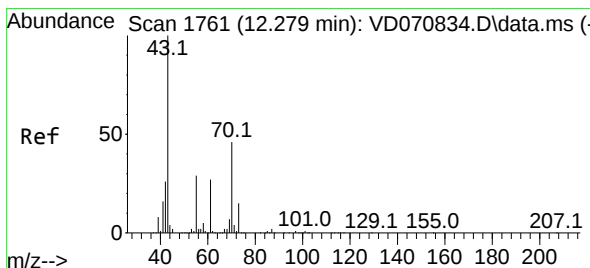
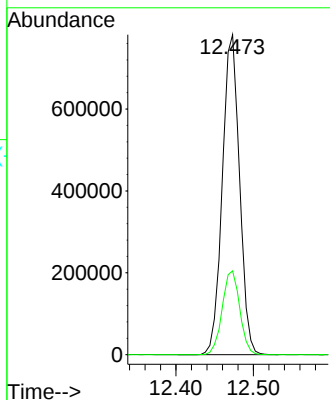
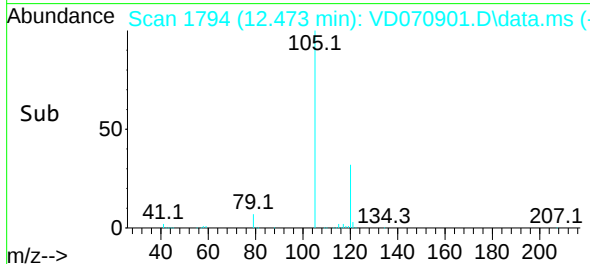
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



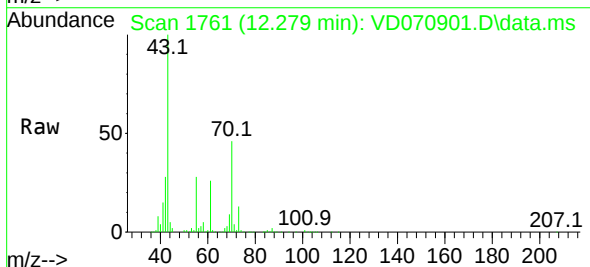
Tgt Ion:105 Resp: 120471
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5

Manual Integrations
APPROVED

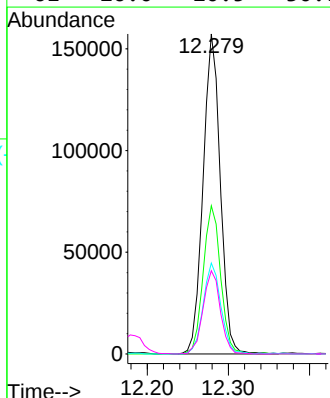
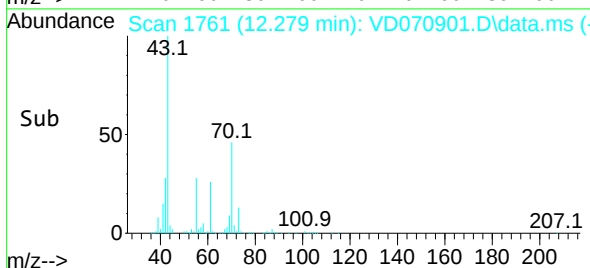
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

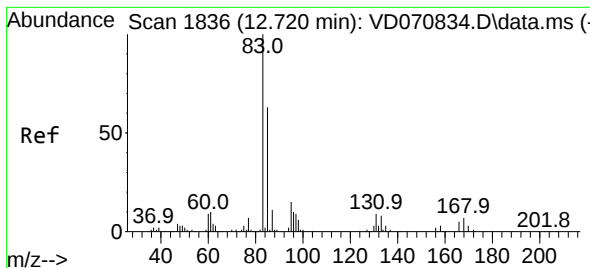


#74
N-ethyl acetate
Concen: 53.042 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



Tgt Ion: 43 Resp: 232021
Ion Ratio Lower Upper
43 100
70 46.6 36.6 55.0
55 29.1 22.5 33.7
61 26.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.070 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 21133

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

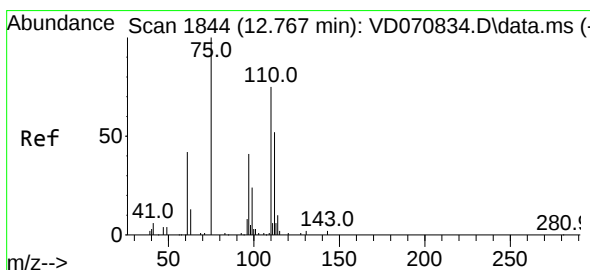
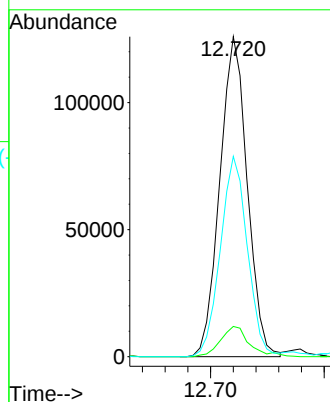
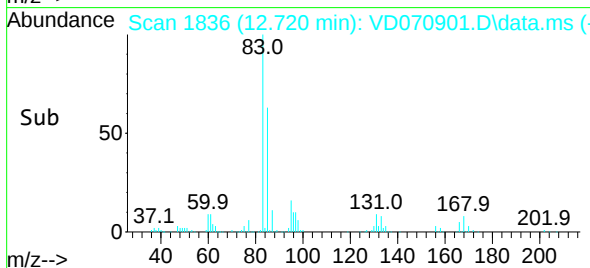
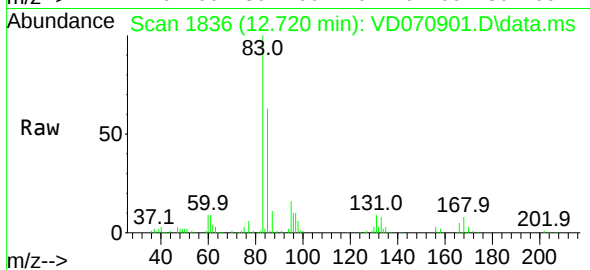
85 61.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#76

1,2,3-Trichloropropane

Concen: 56.206 ug/l m

RT: 12.773 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VD070901.D

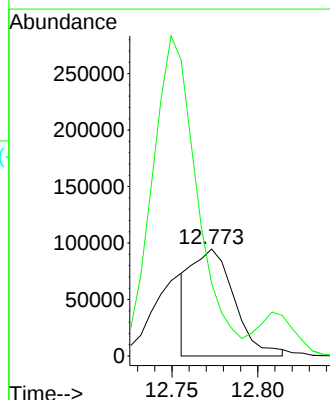
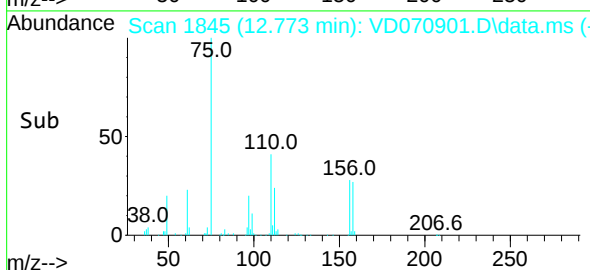
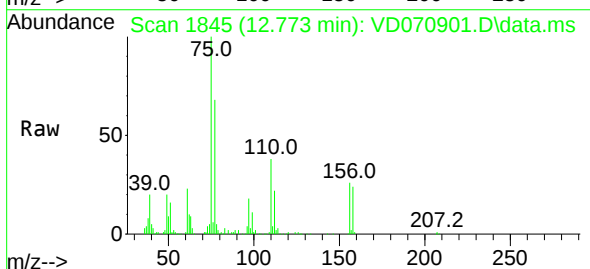
Acq: 03 Nov 2021 10:28

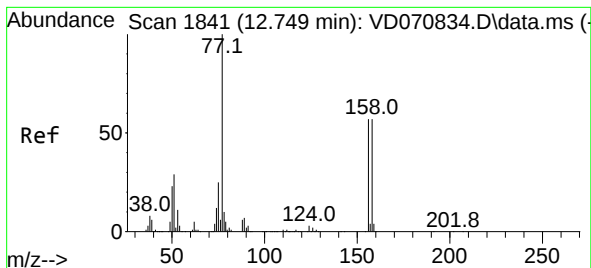
Tgt Ion: 75 Resp: 164989

Ion Ratio Lower Upper

75 100

77 0.0 158.4 475.3#





#77

Bromobenzene

Concen: 55.130 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 26716

Ion Ratio Lower Upper

156 100

77 194.3 96.6 289.8

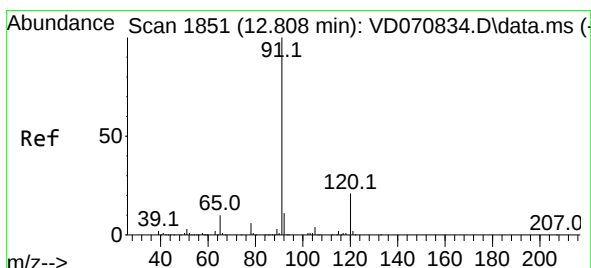
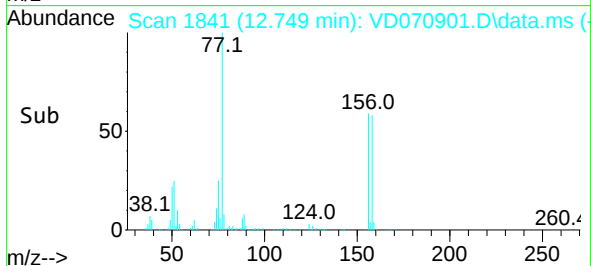
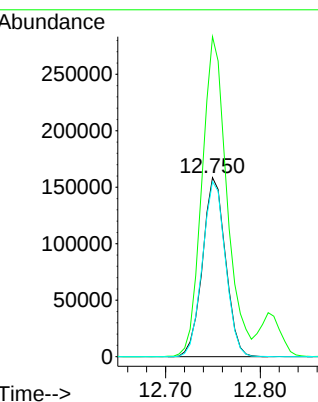
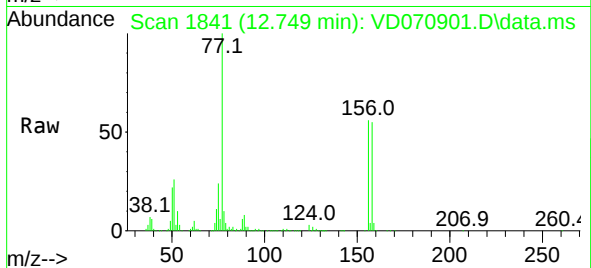
158 98.2 49.1 147.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#78

n-propylbenzene

Concen: 60.913 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD070901.D

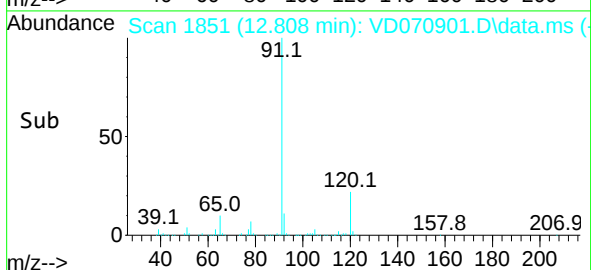
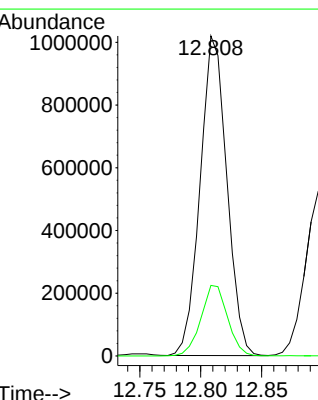
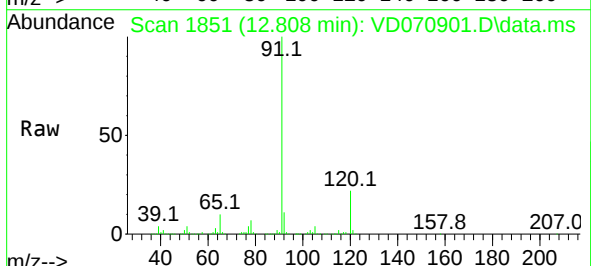
Acq: 03 Nov 2021 10:28

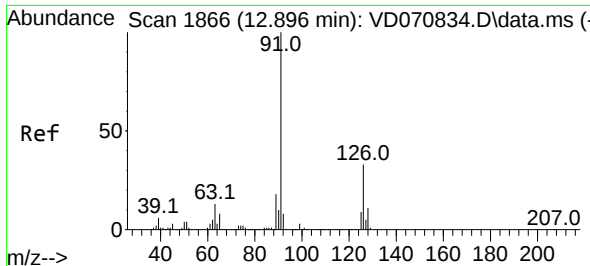
Tgt Ion: 91 Resp: 1555058

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9





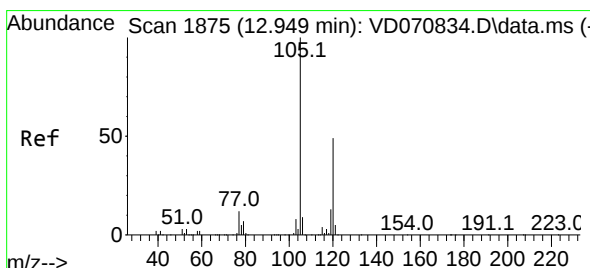
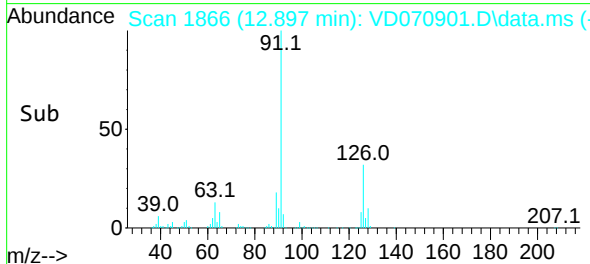
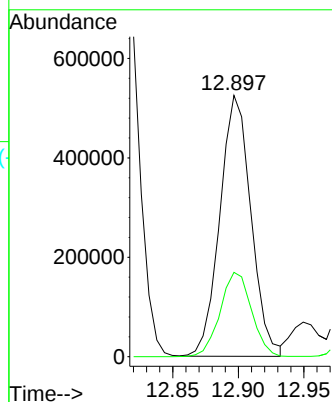
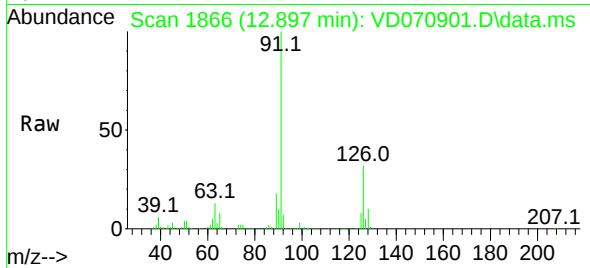
#79
2-Chlorotoluene
Concen: 58.495 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 86707
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

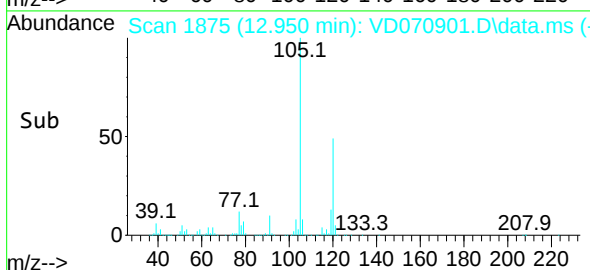
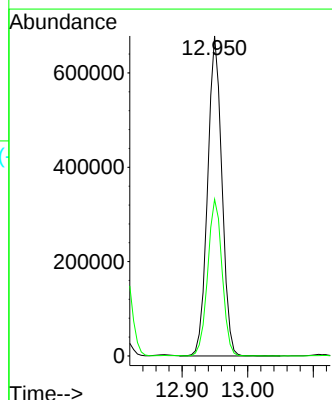
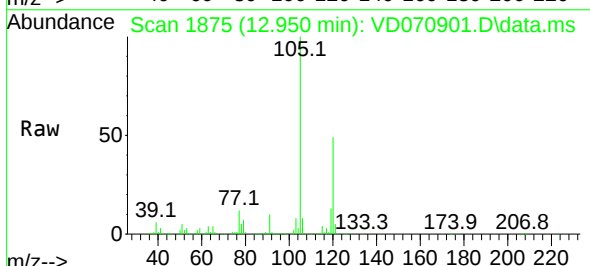
Manual Integrations
APPROVED

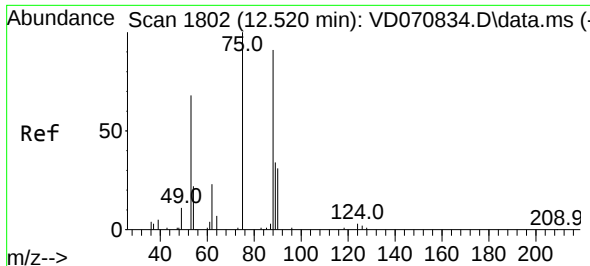
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,3,5-Trimethylbenzene
Concen: 60.819 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion:105 Resp: 1026632
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8





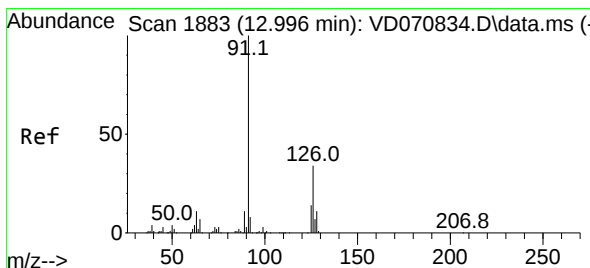
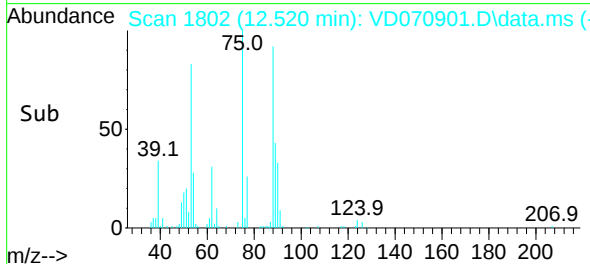
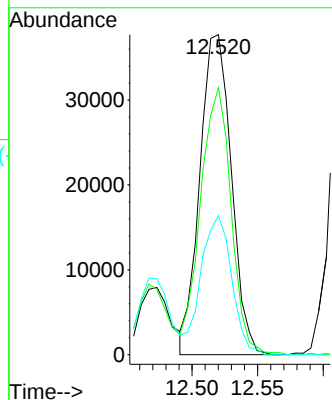
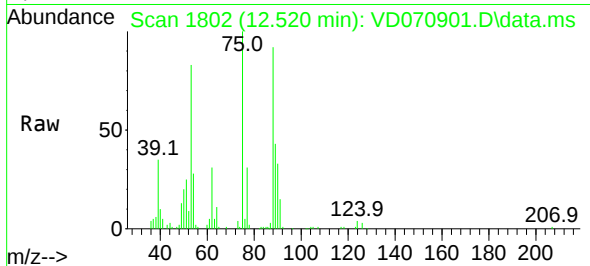
#81
trans-1,4-Dichloro-2-butene
Concen: 56.336 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6300
Ion Ratio Lower Upper
75 100
53 81.0 62.6 94.0
89 42.6 34.5 51.7

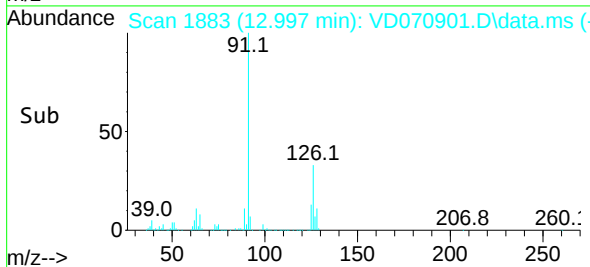
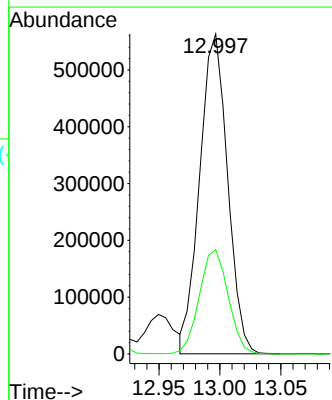
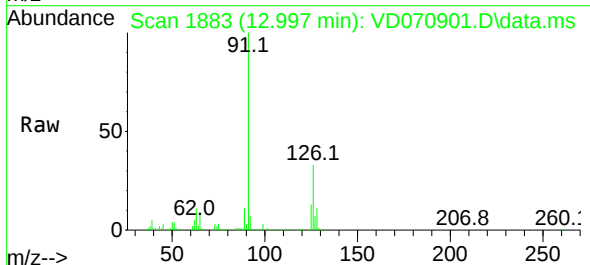
Manual Integrations
APPROVED

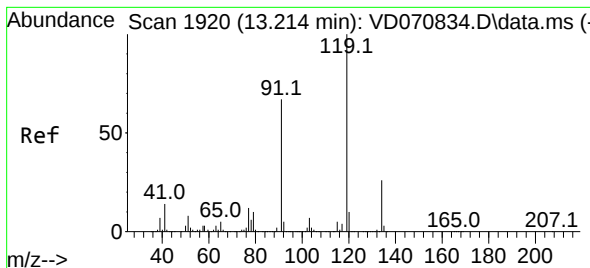
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#82
4-Chlorotoluene
Concen: 58.136 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion: 91 Resp: 895575
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.1





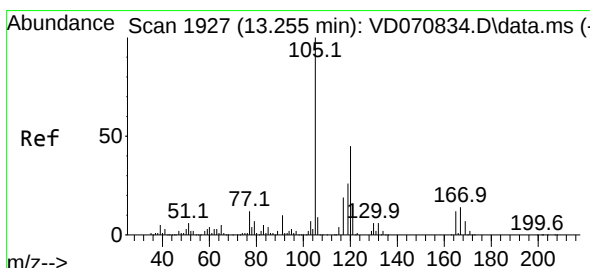
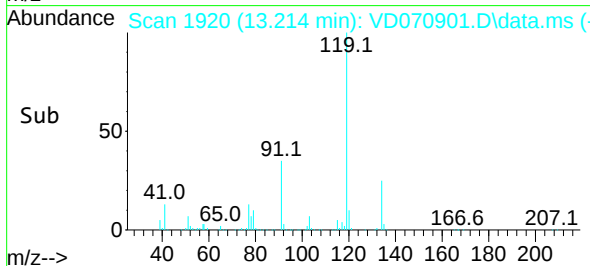
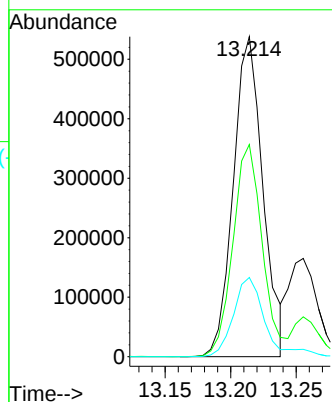
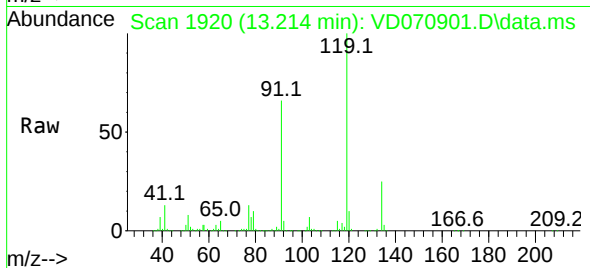
#83
tert-Butylbenzene
Concen: 60.196 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 84730
Ion Ratio Lower Upper
119 100
91 66.2 32.5 97.5
134 26.4 13.2 39.6

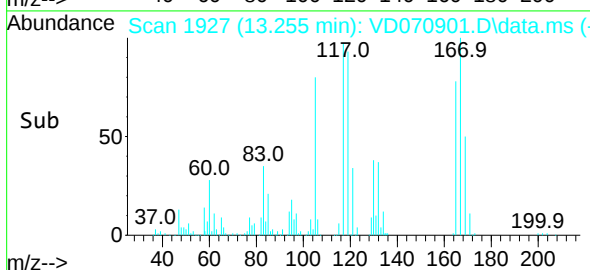
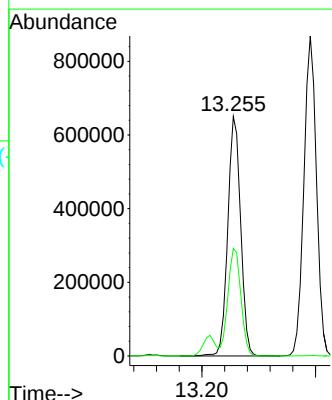
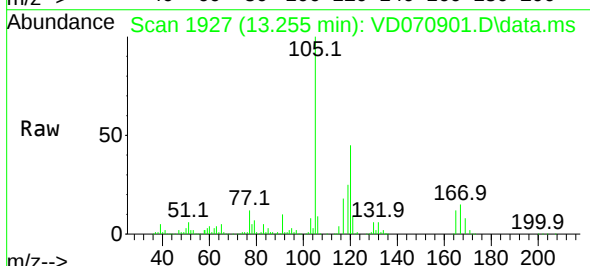
Manual Integrations
APPROVED

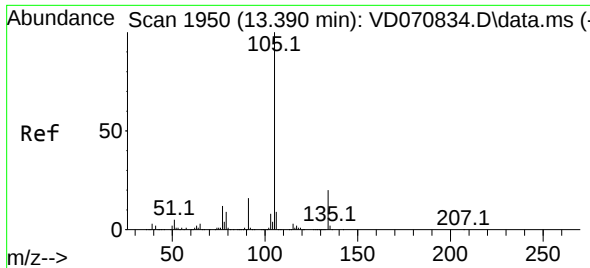
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#84
1,2,4-Trimethylbenzene
Concen: 61.670 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion:105 Resp: 1026384
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7





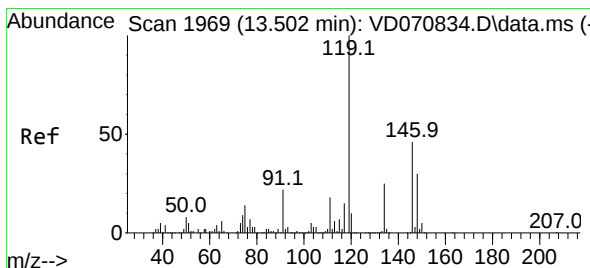
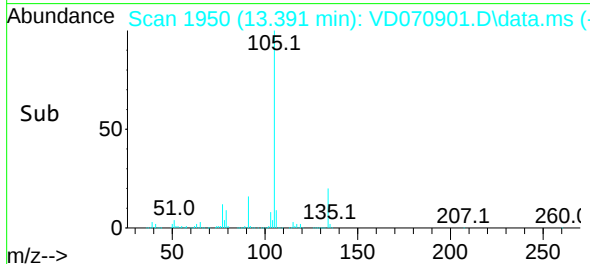
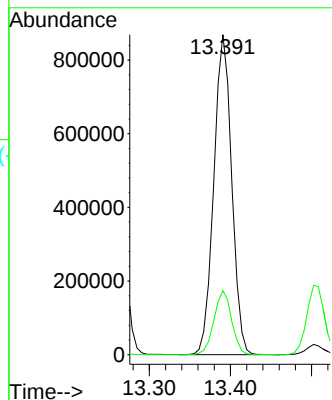
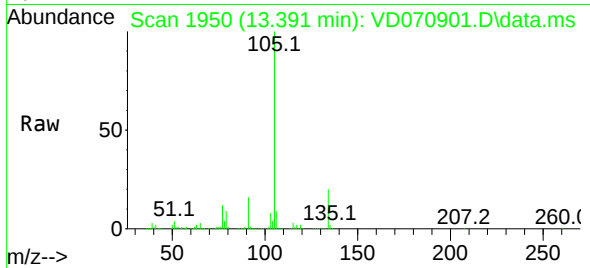
#85
 sec-Butylbenzene
 Concen: 59.919 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1330239
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

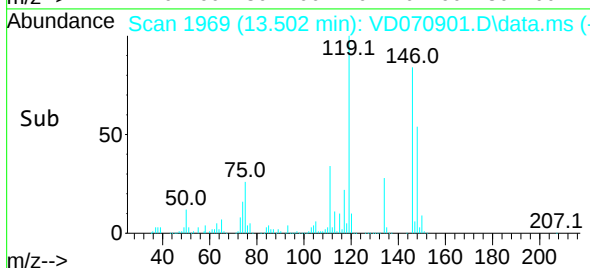
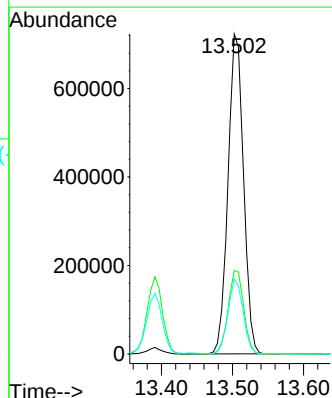
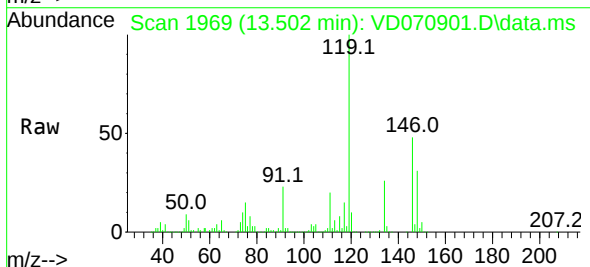
Manual Integrations
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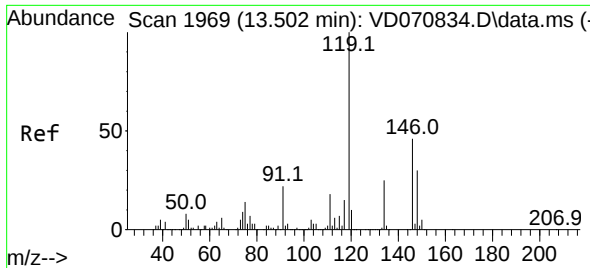
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#86
 p-Isopropyltoluene
 Concen: 61.321 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28

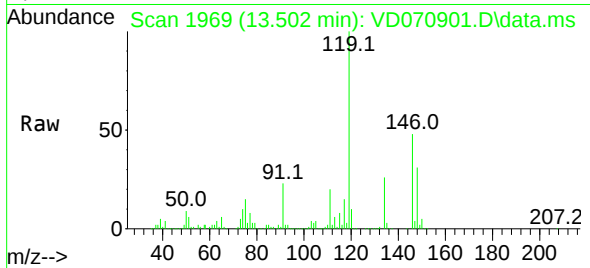
Tgt Ion:119 Resp: 1095228
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 22.9 11.4 34.2





#87
 1,3-Dichlorobenzene
 Concen: 56.721 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28

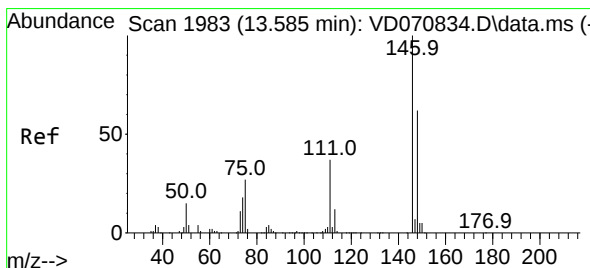
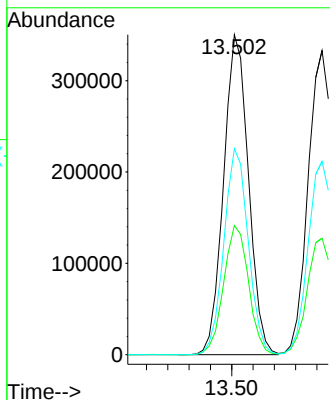
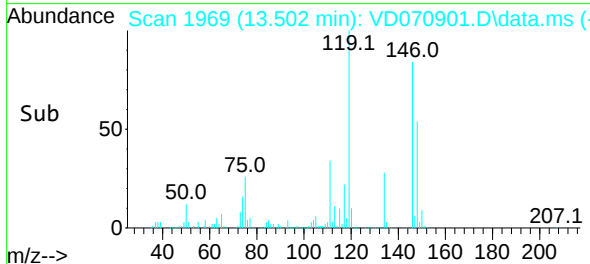
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



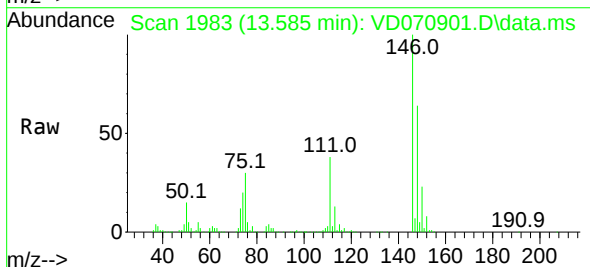
Tgt Ion:146 Resp: 567612
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 63.2 32.1 96.3

Manual Integrations
 APPROVED

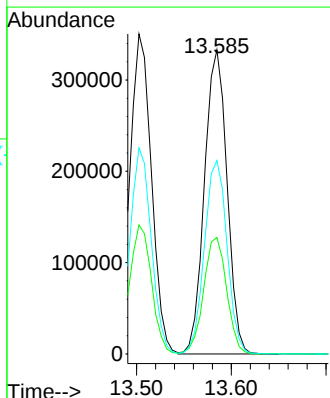
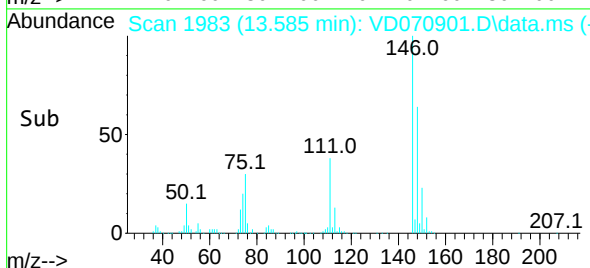
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

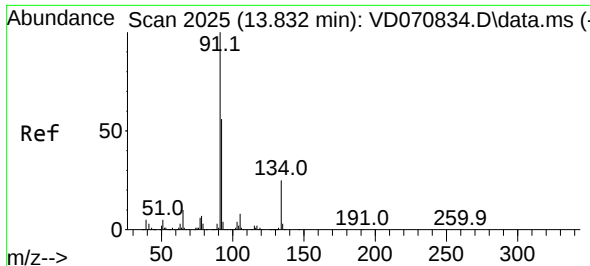


#88
 1,4-Dichlorobenzene
 Concen: 55.449 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD070901.D
 Acq: 03 Nov 2021 10:28



Tgt Ion:146 Resp: 550310
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 63.8 31.5 94.5





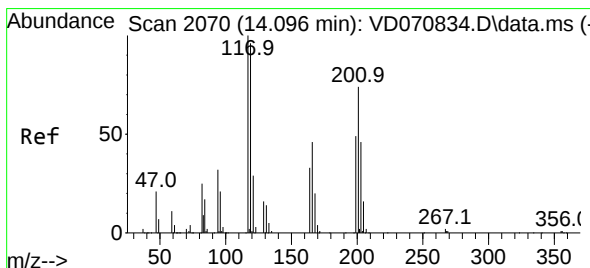
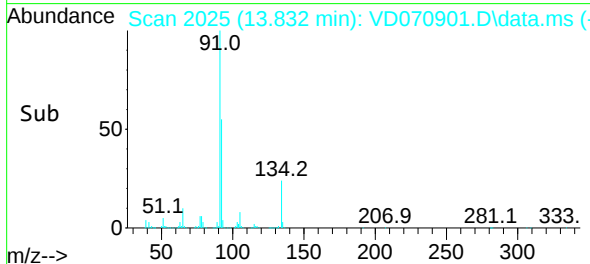
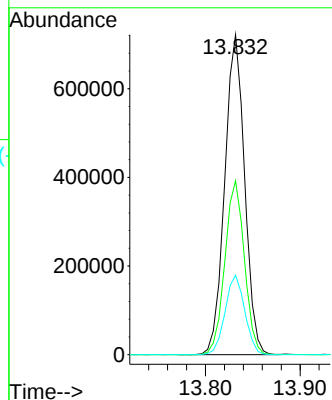
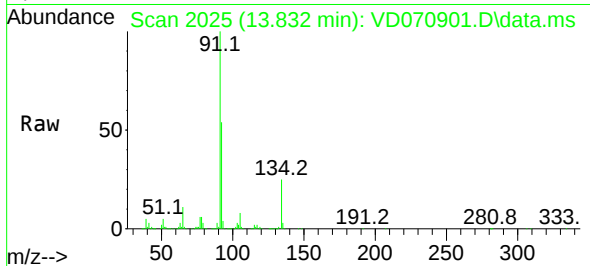
#89
n-Butylbenzene
Concen: 60.319 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1055580
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.9
134 24.5 12.3 36.9

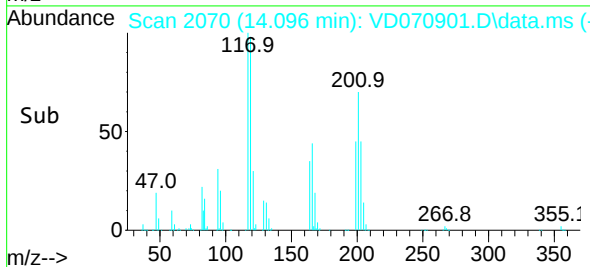
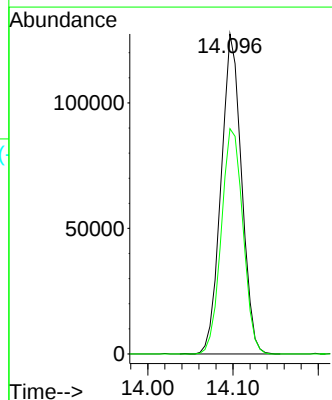
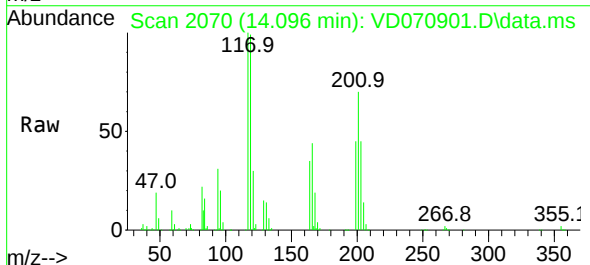
Manual Integrations
APPROVED

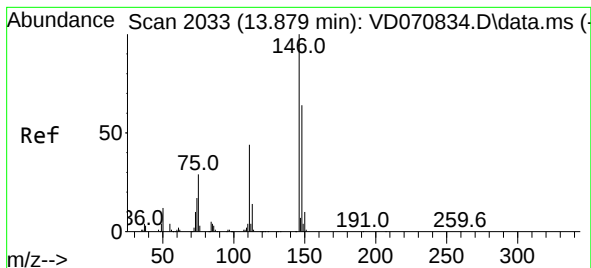
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachloroethane
Concen: 53.264 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Tgt Ion:117 Resp: 213485
Ion Ratio Lower Upper
117 100
201 74.3 36.0 108.1





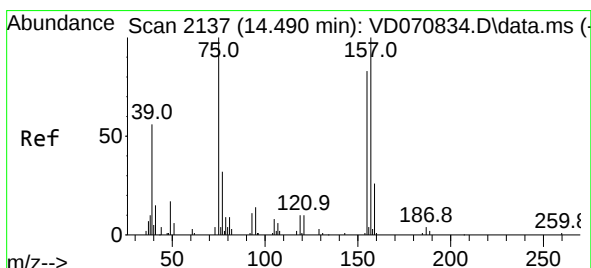
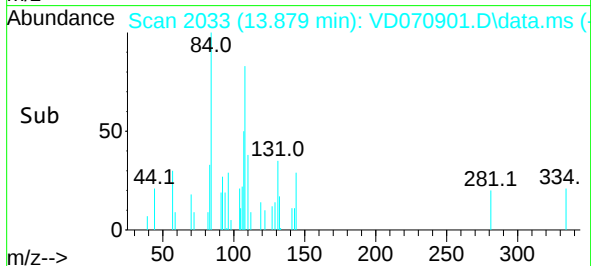
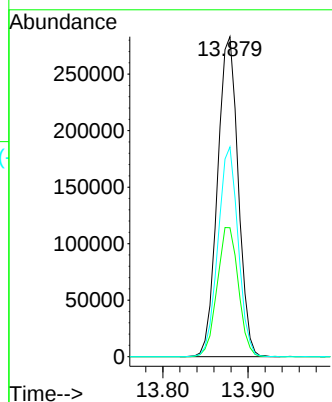
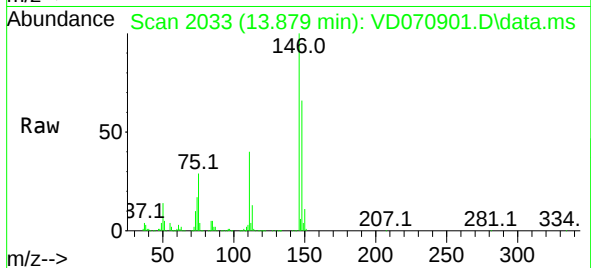
#91
1,2-Dichlorobenzene
Concen: 56.017 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Tgt Ion:146 Resp: 478340
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.2
148 63.9 31.7 95.1

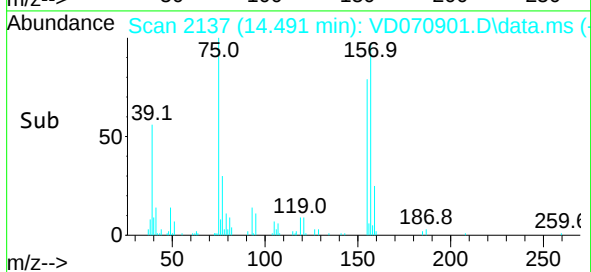
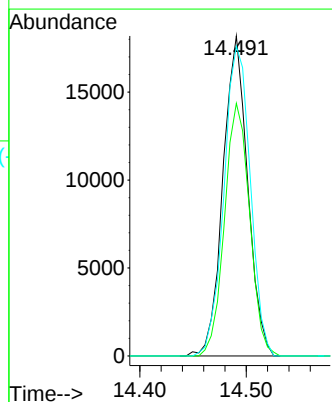
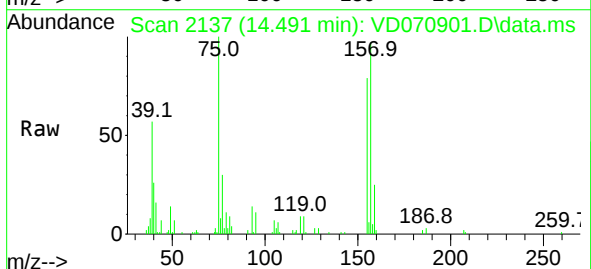
Manual Integrations
APPROVED

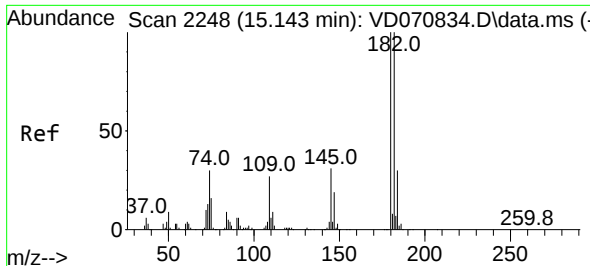
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.440 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

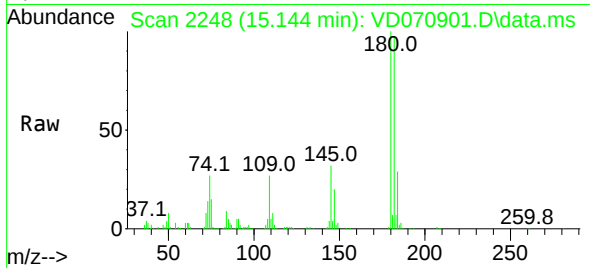
Tgt Ion: 75 Resp: 29234
Ion Ratio Lower Upper
75 100
155 80.0 40.0 120.0
157 103.3 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 55.525 ug/l
RT: 15.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28

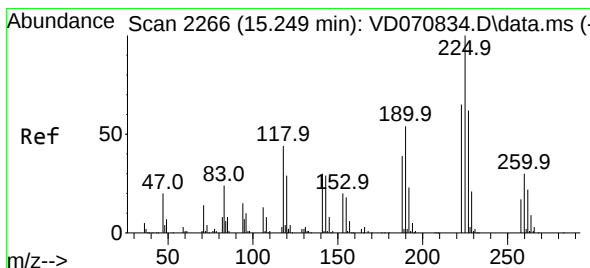
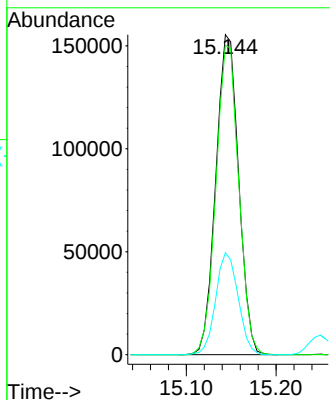
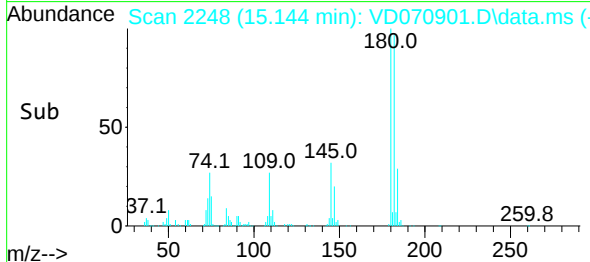
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



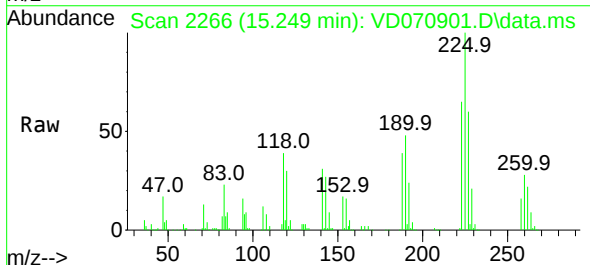
Tgt Ion:180 Resp: 27396
Ion Ratio Lower Upper
180 100
182 96.6 48.2 144.6
145 31.4 15.4 46.2

Manual Integrations
APPROVED

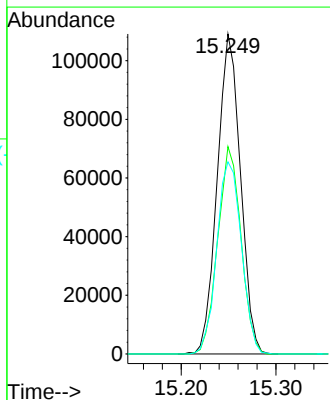
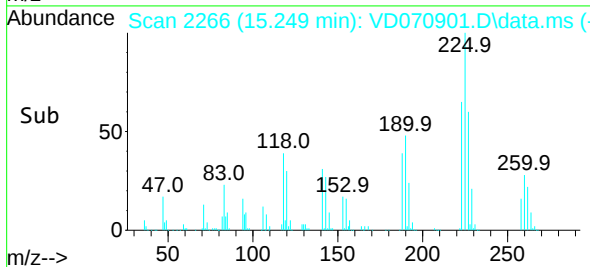
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

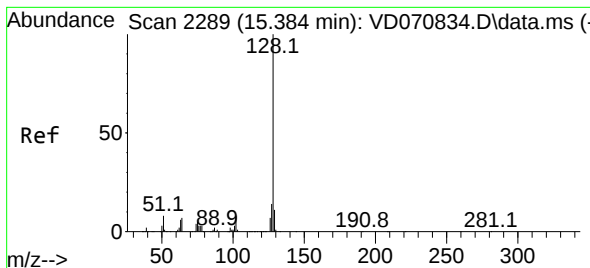


#94
Hexachlorobutadiene
Concen: 57.228 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070901.D
Acq: 03 Nov 2021 10:28



Tgt Ion:225 Resp: 186042
Ion Ratio Lower Upper
225 100
223 64.8 31.8 95.3
227 63.6 31.6 94.8





#95

Naphthalene

Concen: 48.376 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.001 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Instrument :

MSVOA_D

ClientSampleId :

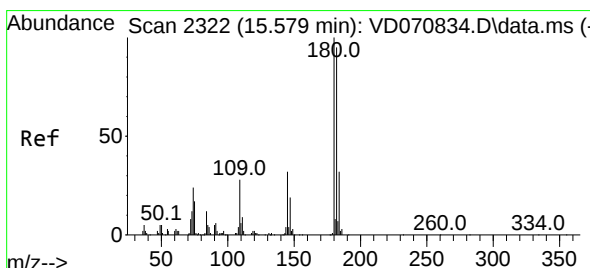
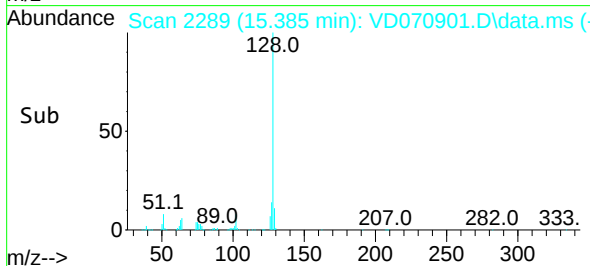
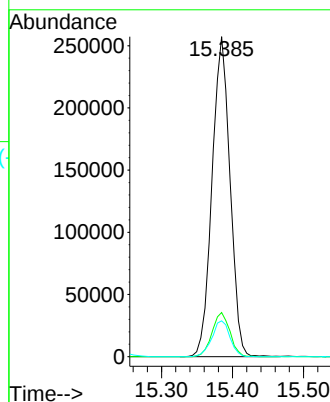
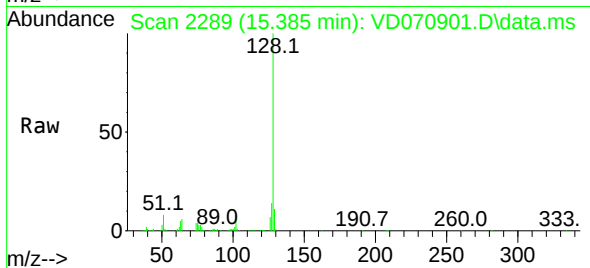
VSTDCCC050

Tgt Ion:128 Resp: 451684
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.7 16.1
 129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#96

1,2,3-Trichlorobenzene

Concen: 54.048 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD070901.D

Acq: 03 Nov 2021 10:28

Tgt Ion:180 Resp: 231738
 Ion Ratio Lower Upper
 180 100
 182 100.7 46.7 140.1
 145 33.6 15.9 47.6

