

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071008.D
 Acq On : 12 Nov 2021 02:47
 Operator : VA/SY
 Sample : VD1111SBSD02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD02

Quant Time: Nov 15 01:14:30 2021
 Quant Title :
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	244484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	451308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	415983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144678	55.580	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	111.160%	
35) Dibromofluoromethane	7.909	113	133741	52.517	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.040%	
50) Toluene-d8	10.332	98	497434	49.877	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	99.760%	
62) 4-Bromofluorobenzene	12.620	95	179473	49.979	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	99.960%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	38446	18.406	ug/l	100
3) Chloromethane	2.209	50	56919	22.900	ug/l	99
4) Vinyl Chloride	2.344	62	57394	24.010	ug/l	97
5) Bromomethane	2.750	94	42292	25.957	ug/l	99
6) Chloroethane	2.915	64	40474	26.363	ug/l #	87
7) Trichlorofluoromethane	3.268	101	69267	18.005	ug/l	97
8) Diethyl Ether	3.709	74	23875	18.752	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	40175	16.941	ug/l	97
10) Methyl Iodide	4.297	142	44341	19.776	ug/l	99
11) Tert butyl alcohol	5.220	59	16043	84.331	ug/l	96
12) 1,1-Dichloroethene	4.062	96	41040	17.678	ug/l	90
13) Acrolein	3.915	56	4588	75.159	ug/l	96
14) Allyl chloride	4.715	41	84785	17.533	ug/l #	81
15) Acrylonitrile	5.415	53	57884	95.010	ug/l	96
16) Acetone	4.156	43	46780	81.074	ug/l	88
17) Carbon Disulfide	4.403	76	131211	17.504	ug/l	98
18) Methyl Acetate	4.720	43	49278	22.066	ug/l	92
19) Methyl tert-butyl Ether	5.485	73	115251	19.230	ug/l	94
20) Methylene Chloride	4.962	84	73185	24.512	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	48389	18.185	ug/l #	83
22) Diisopropyl ether	6.362	45	177538	18.468	ug/l	91
23) Vinyl Acetate	6.303	43	384968	89.711	ug/l	95
24) 1,1-Dichloroethane	6.262	63	98378	19.160	ug/l	98
25) 2-Butanone	7.209	43	71923	93.089	ug/l	94
26) 2,2-Dichloropropane	7.203	77	67923	15.674	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	56740	18.654	ug/l	93
28) Bromochloromethane	7.544	49	47809	21.952	ug/l	88
29) Tetrahydrofuran	7.556	42	48888	92.435	ug/l	93
30) Chloroform	7.709	83	93301	19.112	ug/l	96
31) Cyclohexane	7.979	56	86538	16.166	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	79641	18.995	ug/l	94
36) 1,1-Dichloropropene	8.108	75	69298	17.198	ug/l	98
37) Ethyl Acetate	7.285	43	33849	18.412	ug/l #	92
38) Carbon Tetrachloride	8.091	117	63305	17.060	ug/l	92
39) Methylcyclohexane	9.350	83	78168	15.020	ug/l	95
40) Benzene	8.344	78	205262	18.088	ug/l	100
41) Methacrylonitrile	7.514	41	19061	16.678	ug/l #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.420	62	61776	19.220	ug/l	96
43) Isopropyl Acetate	8.450	43	69021	17.740	ug/l #	88
44) Trichloroethene	9.108	130	51176	17.496	ug/l	91
45) 1,2-Dichloropropane	9.379	63	54270	17.684	ug/l	99
46) Dibromomethane	9.467	93	28174	19.287	ug/l	93
47) Bromodichloromethane	9.655	83	71141	18.413	ug/l	94
48) Methyl methacrylate	9.450	41	33356	17.476	ug/l #	81
49) 1,4-Dioxane	9.461	88	6035	356.574	ug/l #	94
51) 4-Methyl-2-Pentanone	10.220	43	169686	89.959	ug/l	90
52) Toluene	10.397	92	126369	17.666	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	64738	16.615	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	77724	16.917	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	36124	17.993	ug/l	92
56) Ethyl methacrylate	10.650	69	49353	17.374	ug/l #	71
57) 1,3-Dichloropropane	10.938	76	68306	18.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	153421	103.890	ug/l	100
59) 2-Hexanone	10.973	43	113563	88.017	ug/l	90
60) Dibromochloromethane	11.132	129	44998	18.683	ug/l	96
61) 1,2-Dibromoethane	11.238	107	36318	18.597	ug/l	99
64) Tetrachloroethene	10.867	164	44105	18.183	ug/l	98
65) Chlorobenzene	11.661	112	134428	18.112	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	48518	18.417	ug/l	97
67) Ethyl Benzene	11.738	91	245462	17.463	ug/l	100
68) m/p-Xylenes	11.844	106	186213	35.447	ug/l	98
69) o-Xylene	12.173	106	91223	18.256	ug/l	99
70) Styrene	12.185	104	150744	17.817	ug/l	98
71) Bromoform	12.349	173	23912	17.406	ug/l #	94
73) Isopropylbenzene	12.467	105	225133	16.520	ug/l	99
74) N-amyl acetate	12.279	43	62127	15.958	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	42608	18.165	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	30837m	19.084	ug/l	
77) Bromobenzene	12.749	156	50558	17.364	ug/l	94
78) n-propylbenzene	12.808	91	280622	16.619	ug/l	100
79) 2-Chlorotoluene	12.896	91	165656	17.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	187816	16.739	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	11136	15.740	ug/l #	86
82) 4-Chlorotoluene	12.991	91	170643	17.173	ug/l	100
83) tert-Butylbenzene	13.208	119	160023	16.556	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	188395	17.145	ug/l	100
85) sec-Butylbenzene	13.391	105	240174	16.528	ug/l	98
86) p-Isopropyltoluene	13.502	119	196393	16.832	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	103187	18.125	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	102736	18.024	ug/l	97
89) n-Butylbenzene	13.826	91	186317	15.889	ug/l	99
90) Hexachloroethane	14.096	117	38300	16.588	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	88096	17.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	6451	16.769	ug/l	96
93) 1,2,4-Trichlorobenzene	15.138	180	54060	17.128	ug/l	99
94) Hexachlorobutadiene	15.249	225	27501	17.277	ug/l	99
95) Naphthalene	15.385	128	104379	17.320	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	48208	18.166	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD02

Manual Integrations**APPROVED**

Reviewed By :Vimala Arumugam	11/15/2021
Supervised By :Mahesh Dadoda	11/17/2021

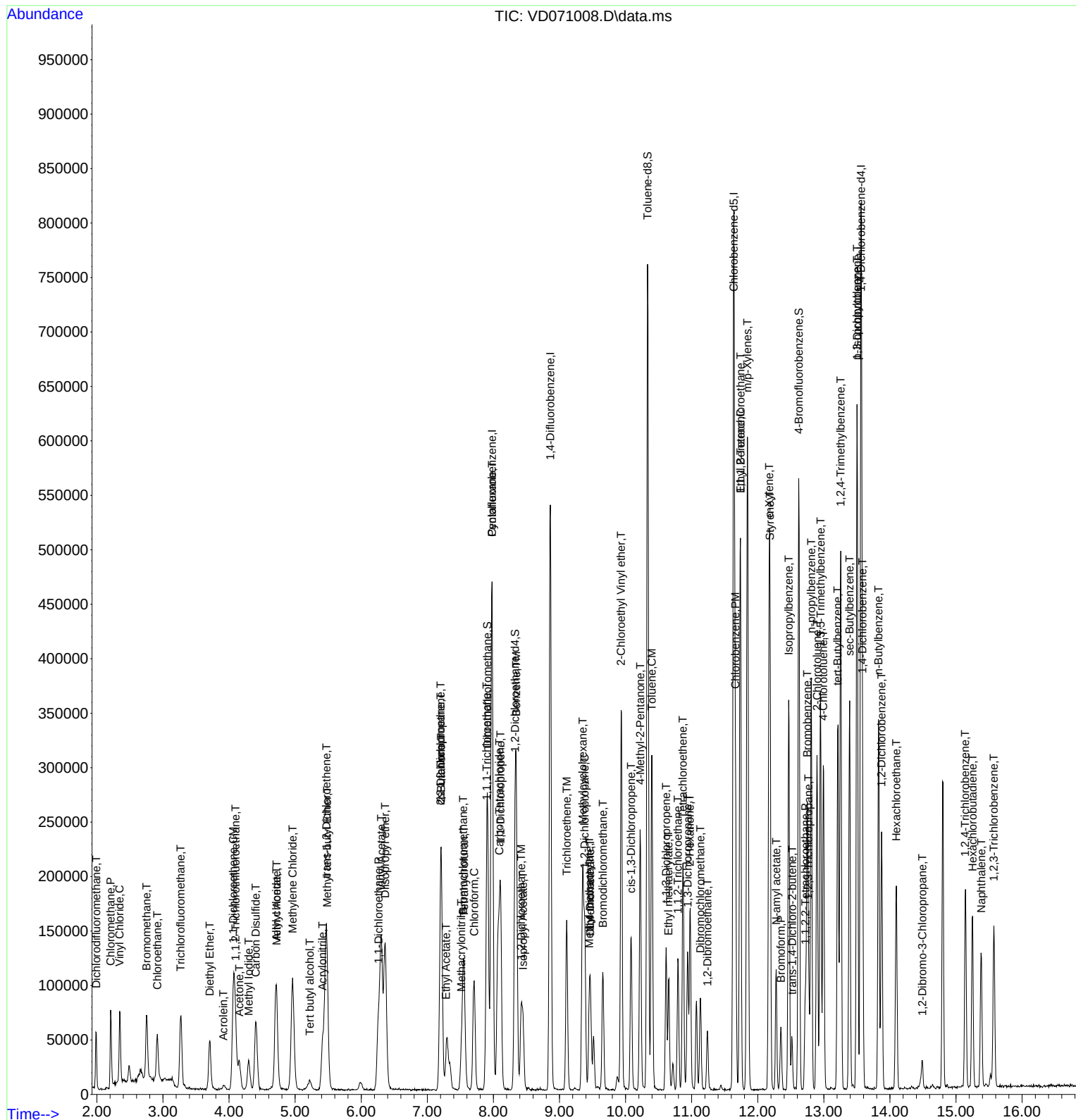
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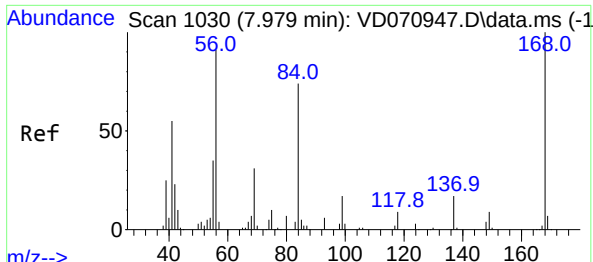
Instrument :
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ClientSampleId :
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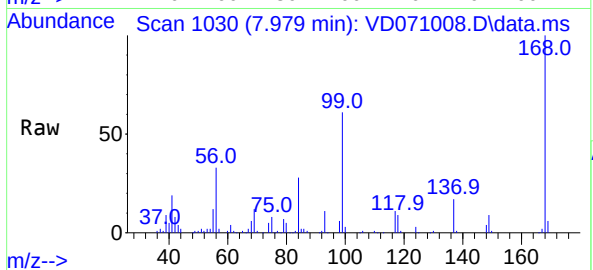
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

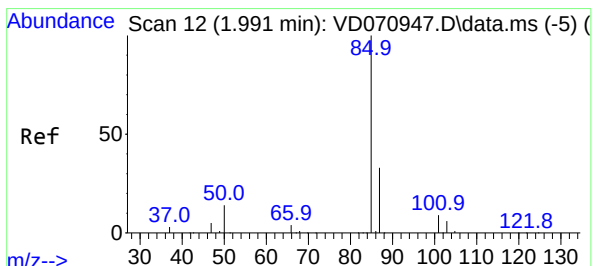
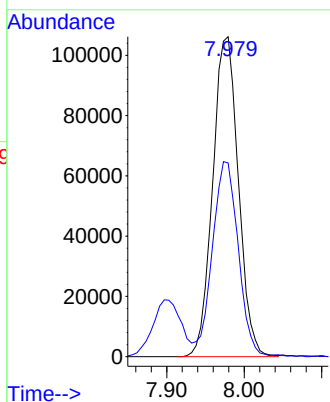
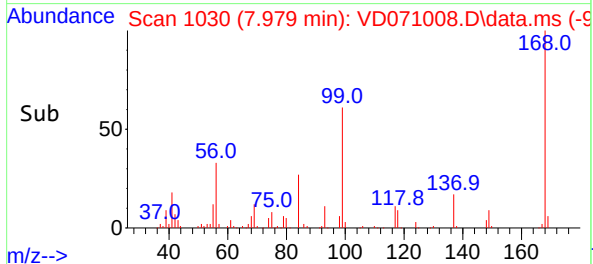
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS02



Tgt Ion:168 Resp: 244484
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8

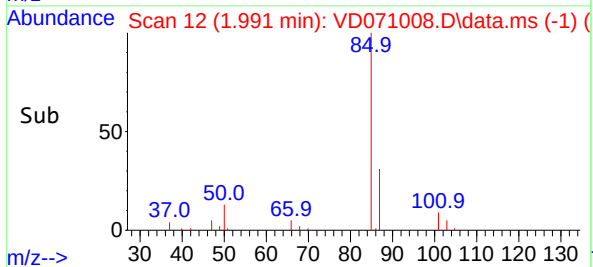
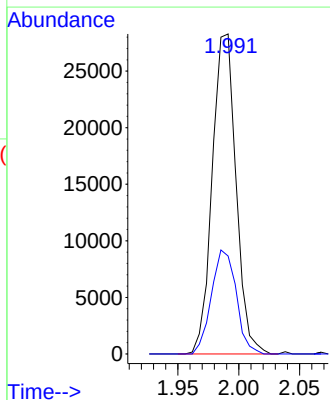
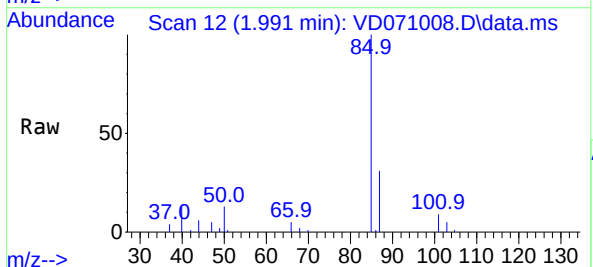
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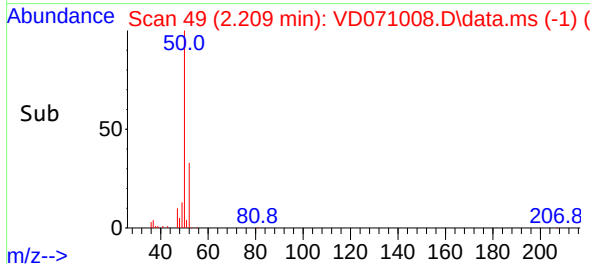
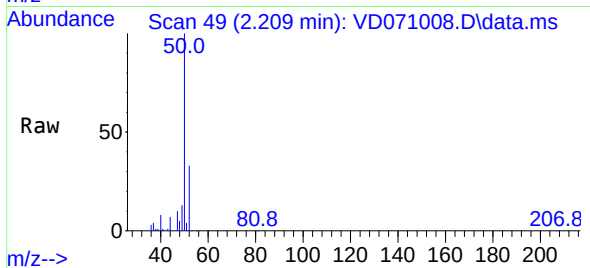
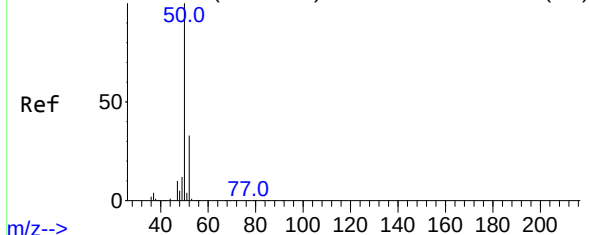


#2
Dichlorodifluoromethane
Concen: 18.406 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion: 85 Resp: 38446
Ion Ratio Lower Upper
85 100
87 30.6 15.2 45.6



Abundance Scan 49 (2.209 min): VD070947.D\data.ms (-42)



#3

Chloromethane

Concen: 22.900 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Tgt Ion: 50 Resp: 56919

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8

Instrument :

MSVOA_D

ClientSampleId :

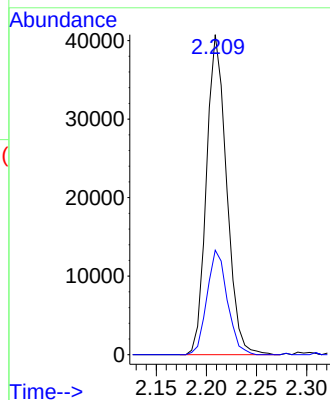
VD1111SBSD02

Manual Integrations

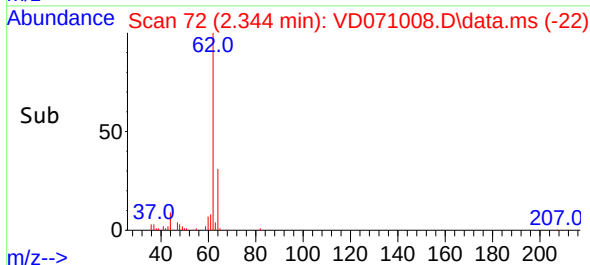
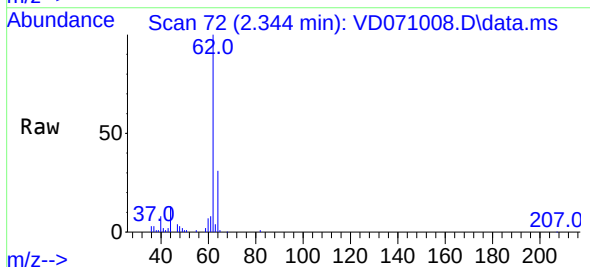
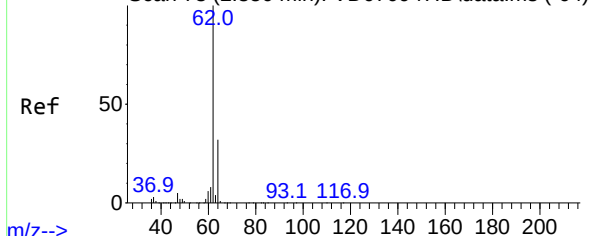
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Supervised By :Mahesh Dadoda 11/17/2021



Abundance Scan 73 (2.350 min): VD070947.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 24.010 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD071008.D

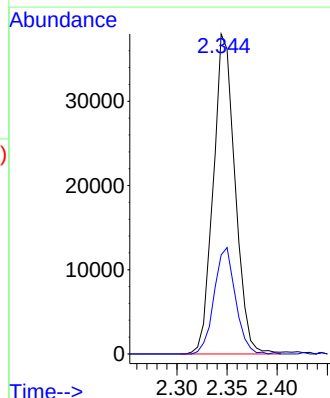
Acq: 12 Nov 2021 02:47

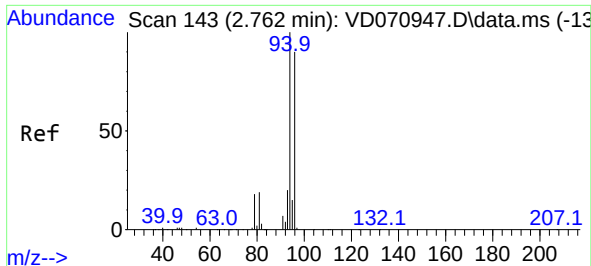
Tgt Ion: 62 Resp: 57394

Ion Ratio Lower Upper

62 100

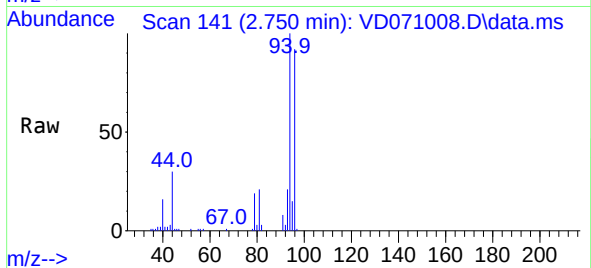
64 31.0 26.0 39.0





#5
Bromomethane
Concen: 25.957 ug/l
RT: 2.750 min Scan# 143
Delta R.T. -0.012 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

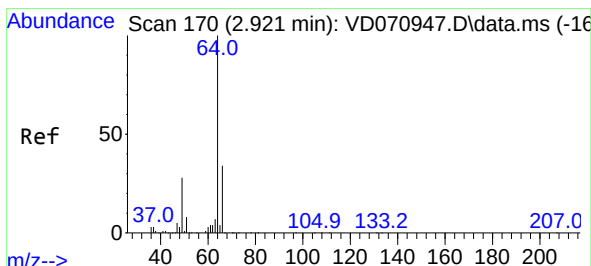
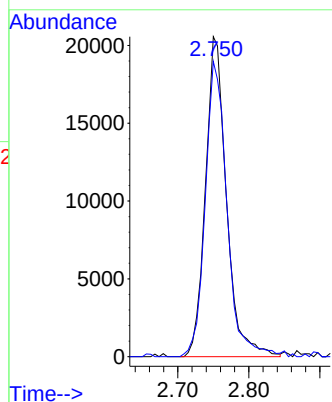
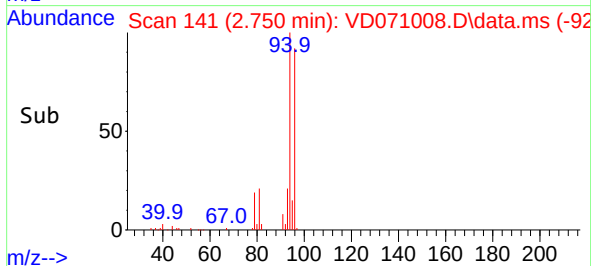
Instrument :
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Tgt Ion: 94 Resp: 42292
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2

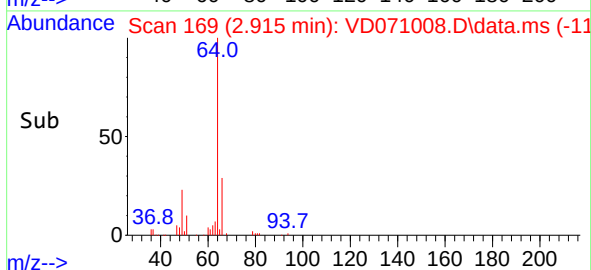
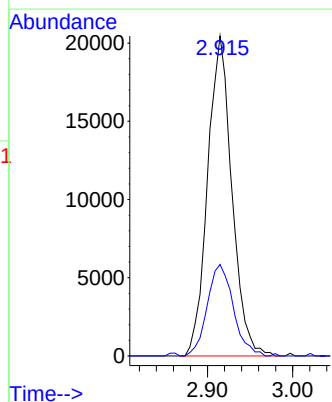
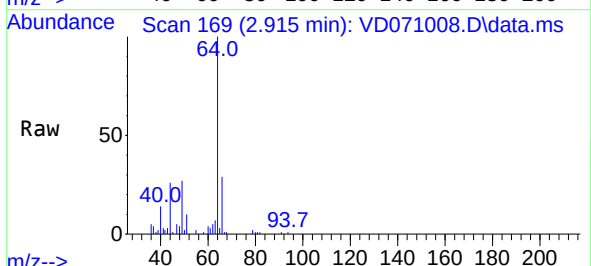
Manual Integrations
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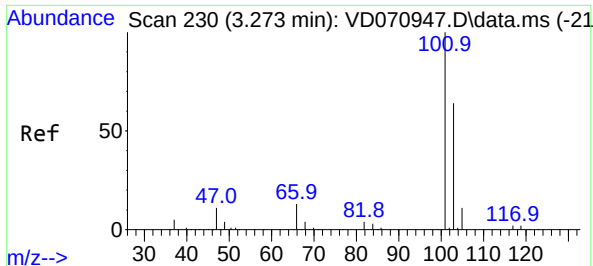
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 26.363 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion: 64 Resp: 40474
Ion Ratio Lower Upper
64 100
66 28.6 29.0 43.4#





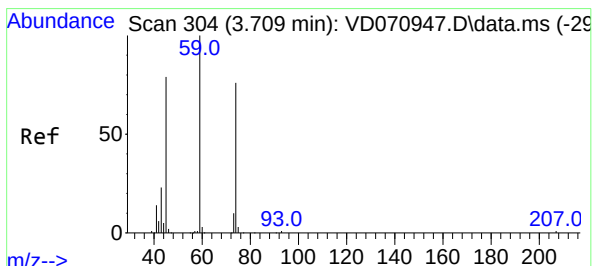
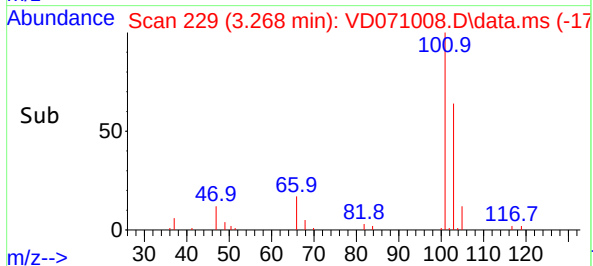
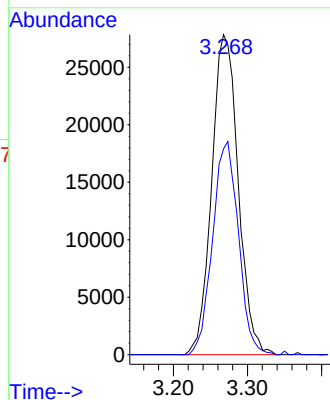
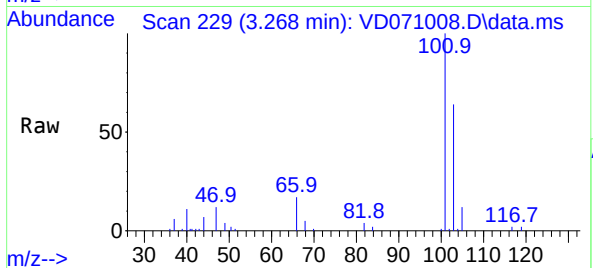
#7
Trichlorofluoromethane
Concen: 18.005 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:101 Resp: 6926
Ion Ratio Lower Upper
101 100
103 64.4 49.7 74.5

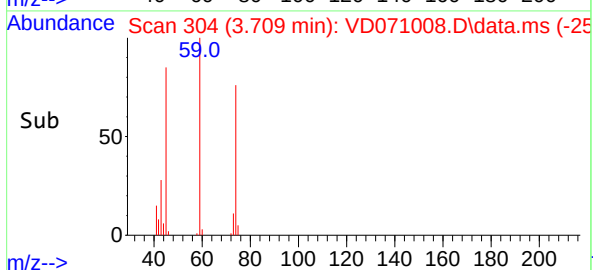
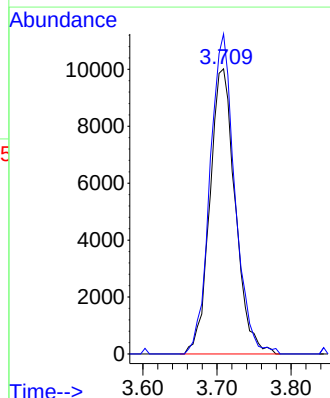
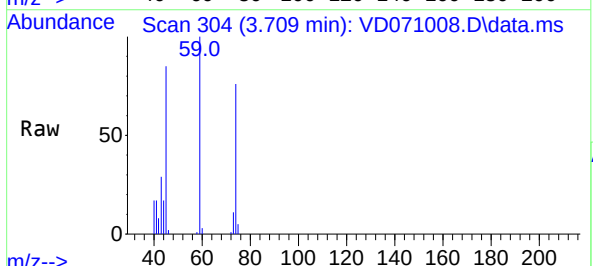
Manual Integrations
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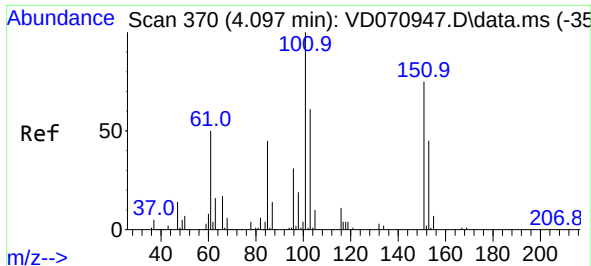
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Diethyl Ether
Concen: 18.752 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion: 74 Resp: 23875
Ion Ratio Lower Upper
74 100
45 109.9 49.6 149.0





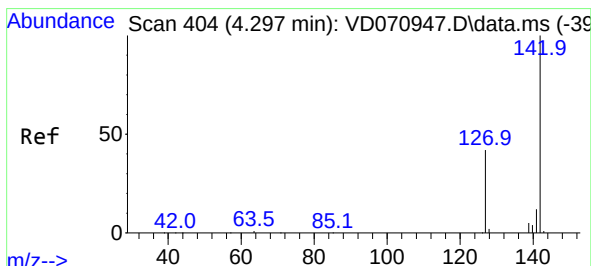
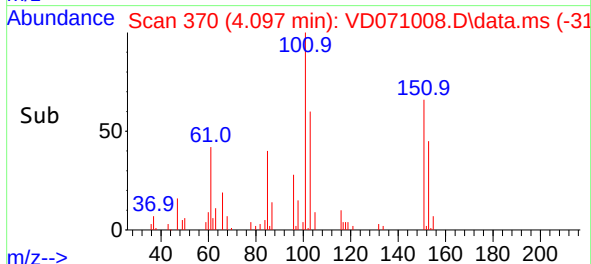
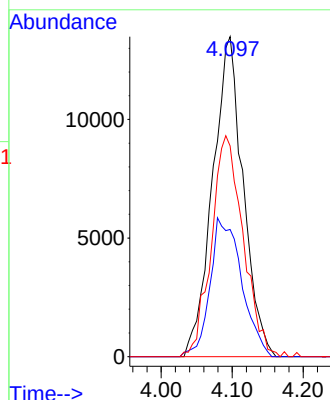
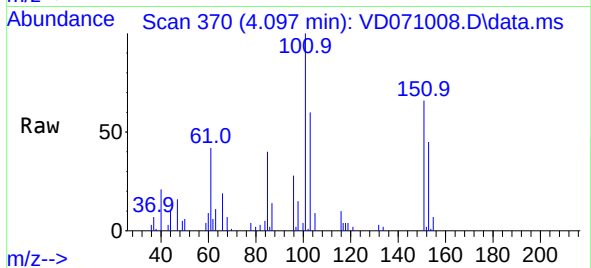
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.941 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:101 Resp: 4017
Ion Ratio Lower Upper
101 100
85 44.9 34.8 52.2
151 71.9 60.4 90.6

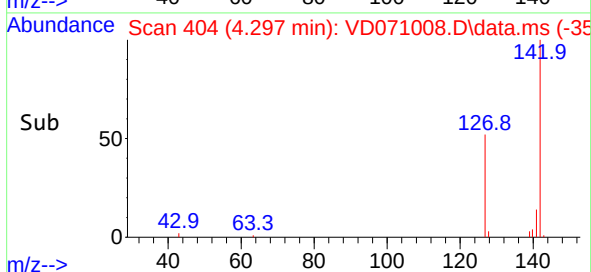
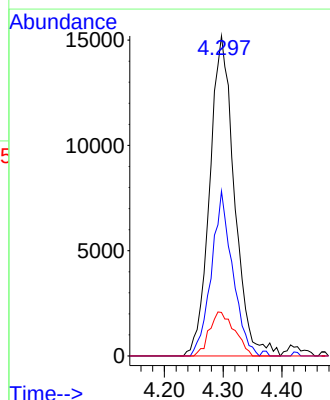
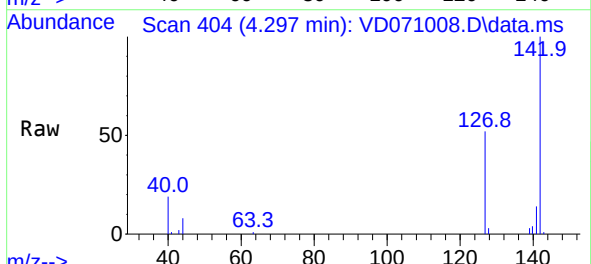
Manual Integrations
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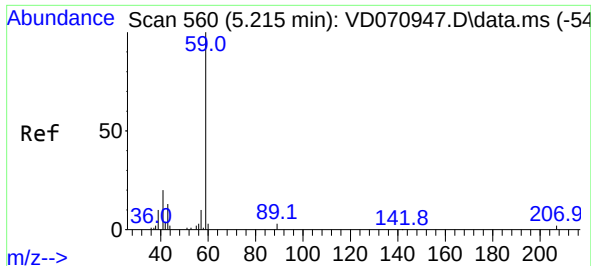
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 19.776 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

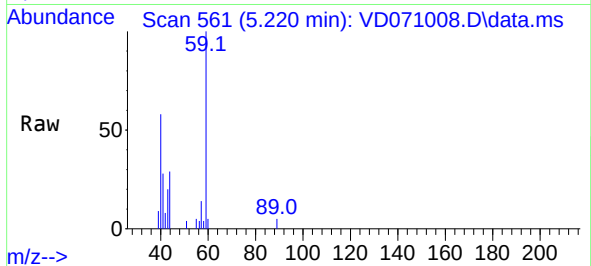
Tgt Ion:142 Resp: 44341
Ion Ratio Lower Upper
142 100
127 44.2 35.0 52.4
141 14.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 84.331 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

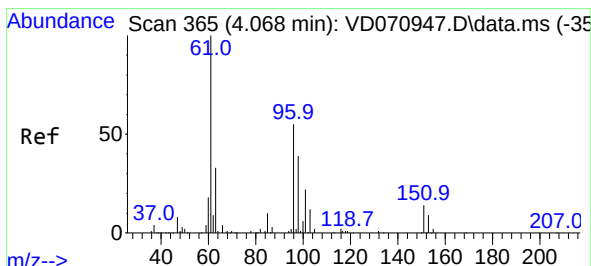
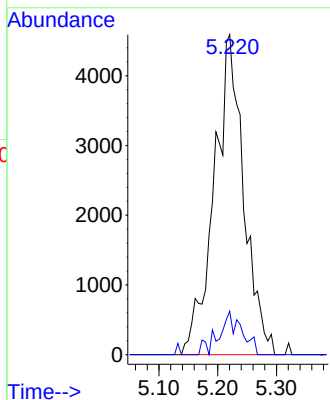
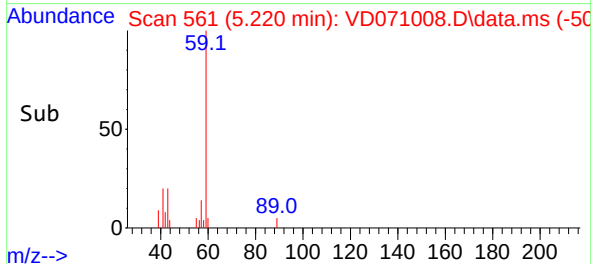
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



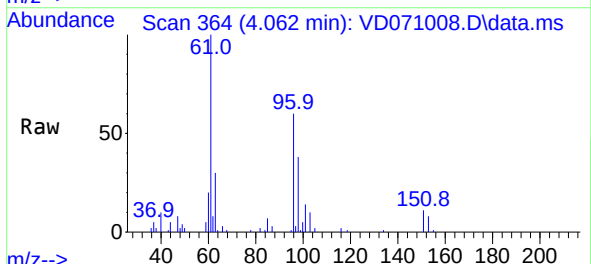
Tgt Ion: 59 Resp: 1604
Ion Ratio Lower Upper
59 100
57 9.7 9.0 13.4

Manual Integrations
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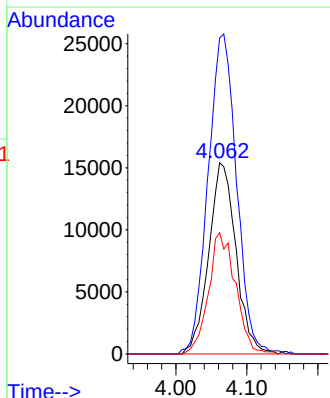
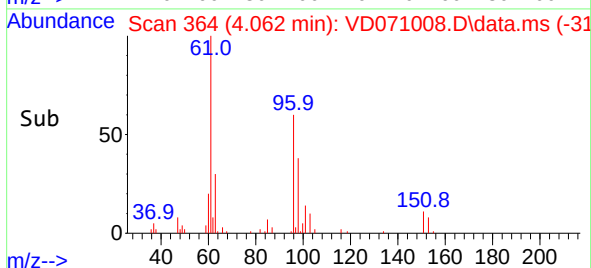
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

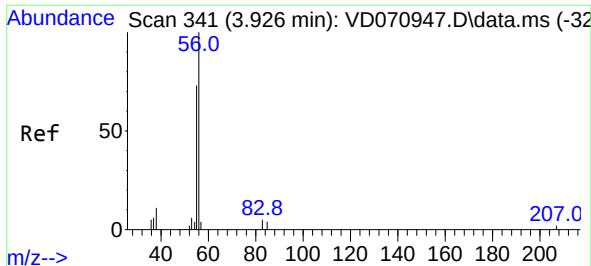


#12
1,1-Dichloroethene
Concen: 17.678 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



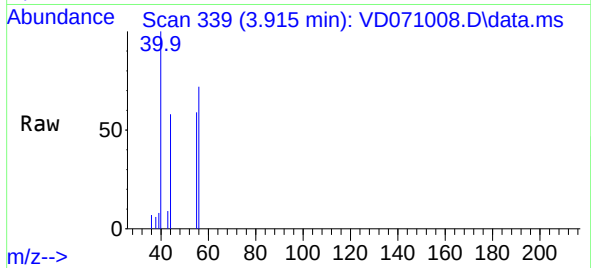
Tgt Ion: 96 Resp: 41040
Ion Ratio Lower Upper
96 100
61 165.3 120.3 180.5
98 63.4 54.4 81.6





#13
Acrolein
Concen: 75.159 ug/l
RT: 3.915 min Scan# 341
Delta R.T. -0.011 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

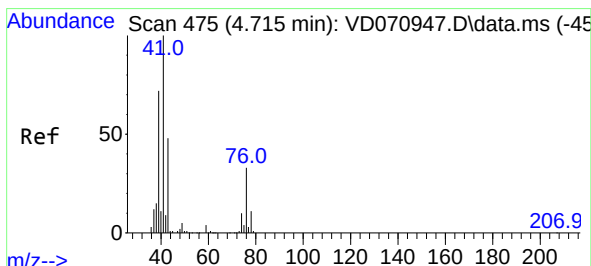
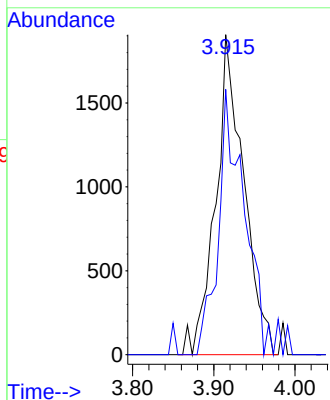
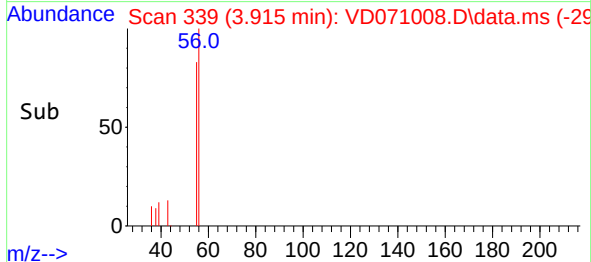
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



Tgt Ion: 56 Resp: 4588
Ion Ratio Lower Upper
56 100
55 76.8 58.6 87.8

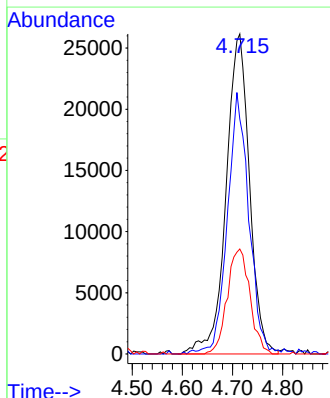
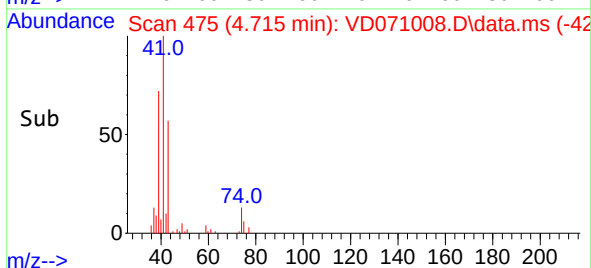
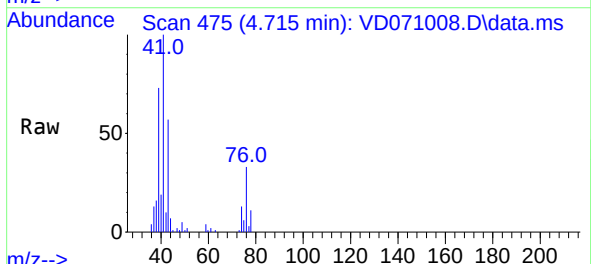
Manual Integrations
APPROVED

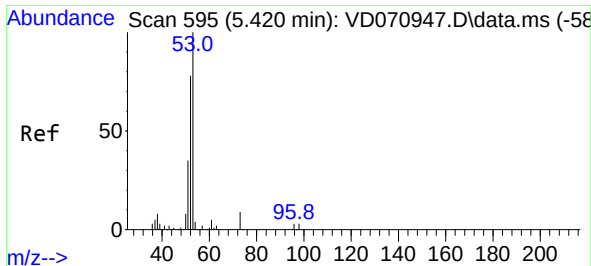
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 17.533 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

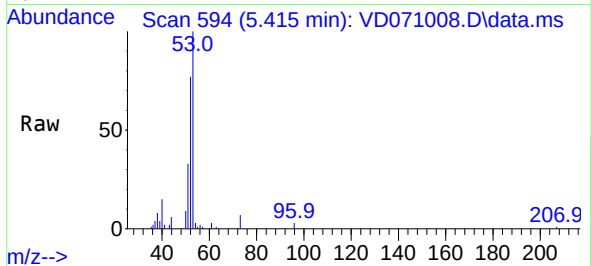
Tgt Ion: 41 Resp: 84785
Ion Ratio Lower Upper
41 100
39 75.1 45.6 68.4#
76 31.8 30.2 45.4





#15
Acrylonitrile
Concen: 95.010 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

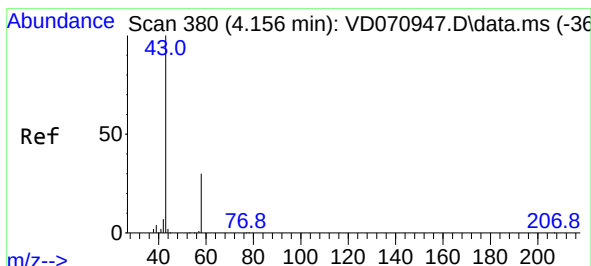
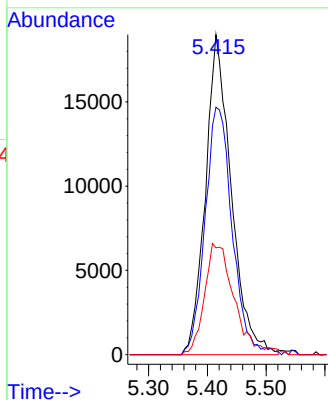
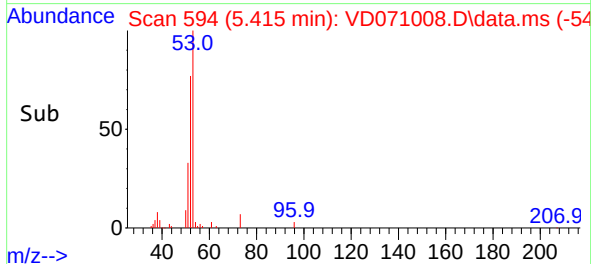
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



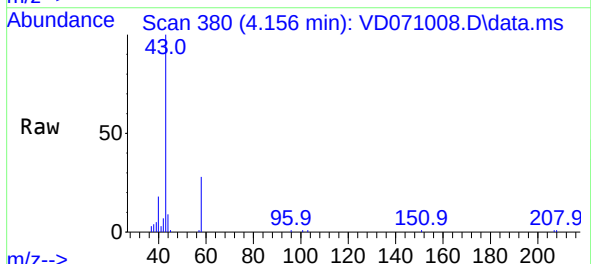
Tgt Ion: 53 Resp: 57884
Ion Ratio Lower Upper
53 100
52 81.3 63.8 95.8
51 40.2 28.5 42.7

Manual Integrations
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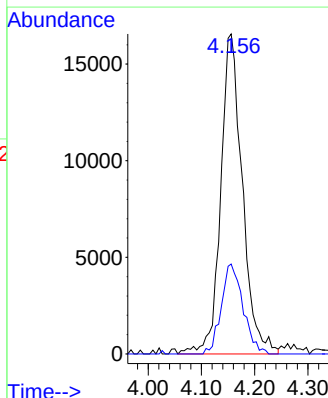
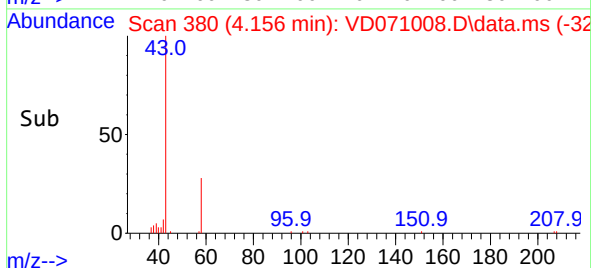
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

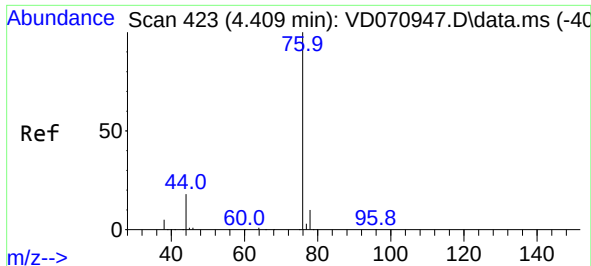


#16
Acetone
Concen: 81.074 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion: 43 Resp: 46780
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8





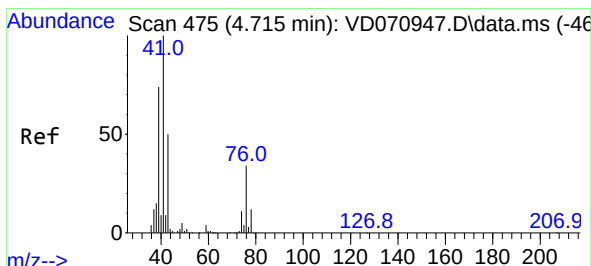
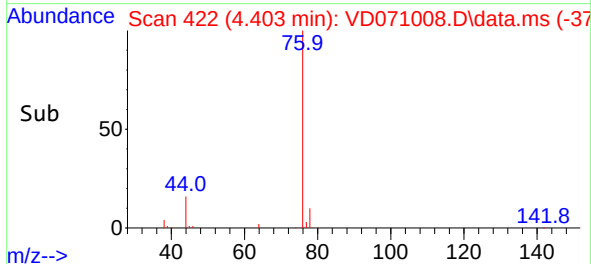
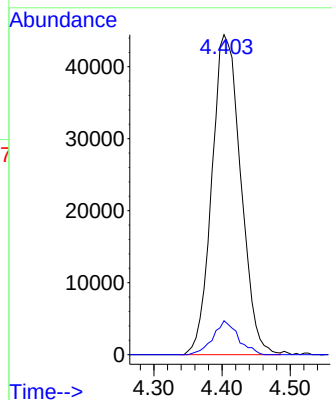
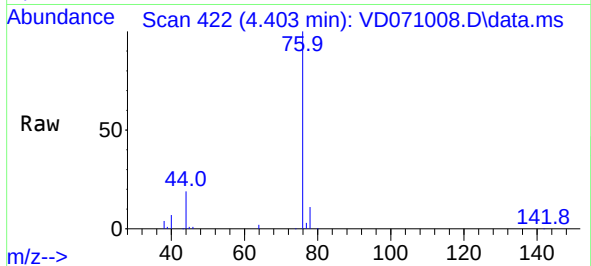
#17
Carbon Disulfide
Concen: 17.504 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 76 Resp: 13121
Ion Ratio Lower Upper
76 100
78 10.6 7.8 11.8

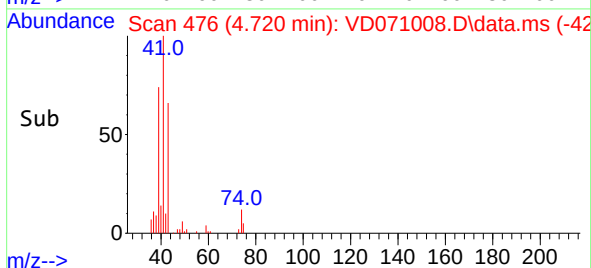
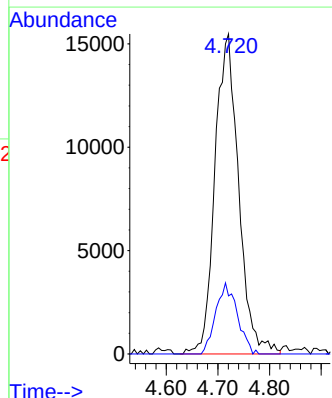
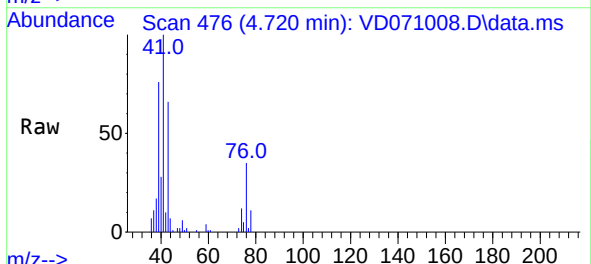
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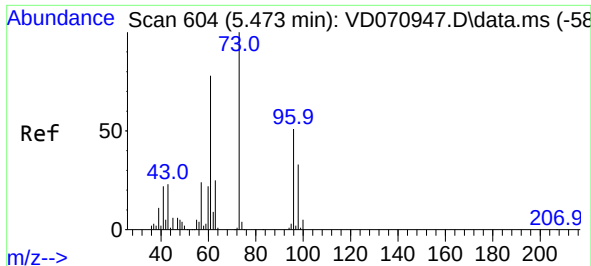
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 22.066 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

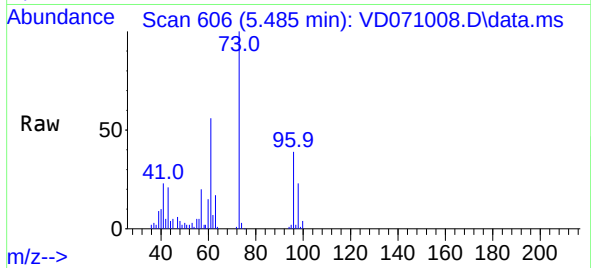
Tgt Ion: 43 Resp: 49278
Ion Ratio Lower Upper
43 100
74 20.1 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 19.230 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

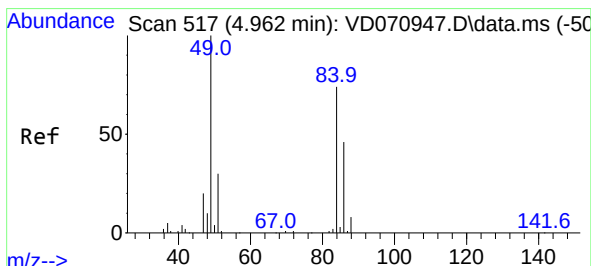
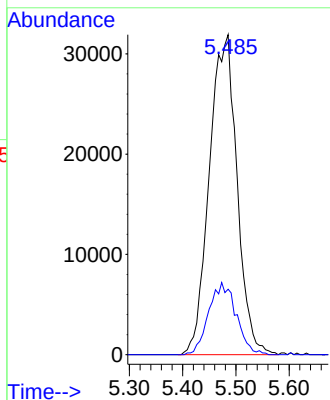
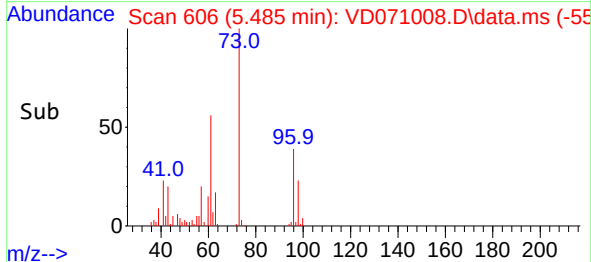
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



Tgt Ion: 73 Resp: 11525
Ion Ratio Lower Upper
73 100
57 20.5 18.9 28.3

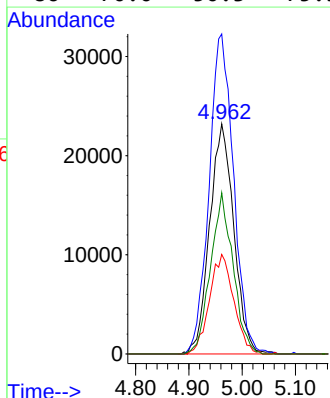
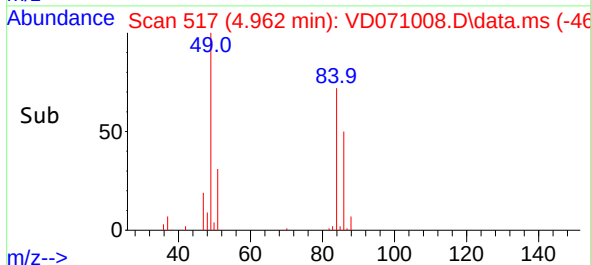
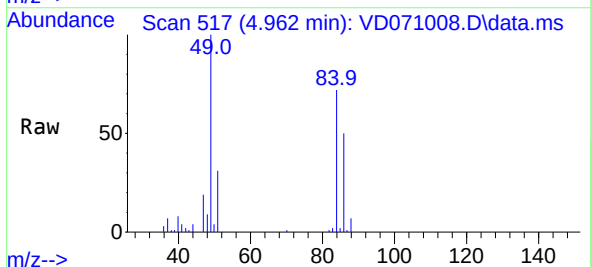
Manual Integrations
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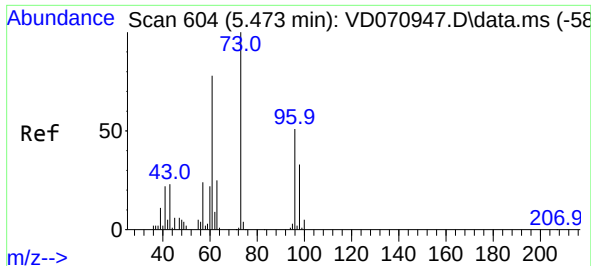
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 24.512 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

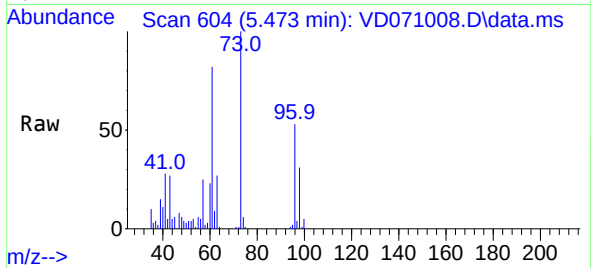
Tgt Ion: 84 Resp: 73185
Ion Ratio Lower Upper
84 100
49 139.1 95.8 143.6
51 43.3 30.9 46.3
86 70.0 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 18.185 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

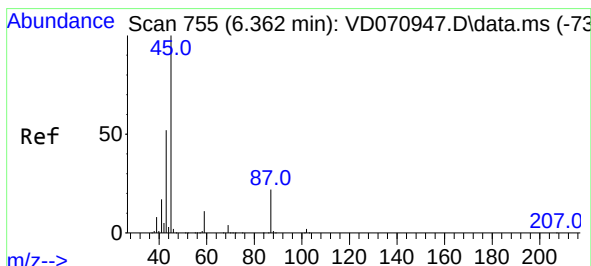
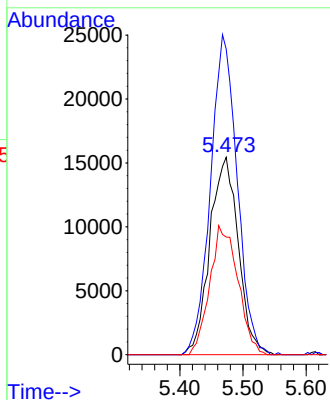
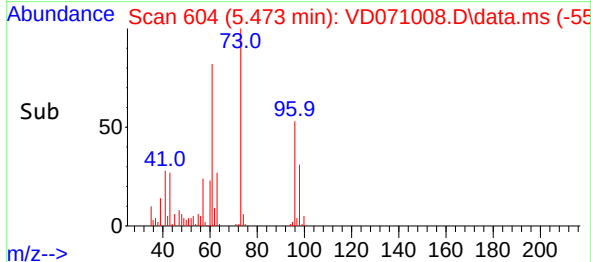
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



Tgt Ion: 96 Resp: 48389
Ion Ratio Lower Upper
96 100
61 154.9 102.1 153.1
98 59.6 50.1 75.1

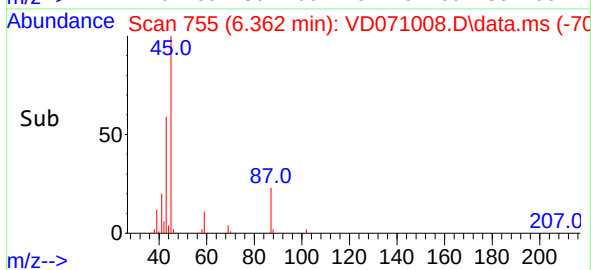
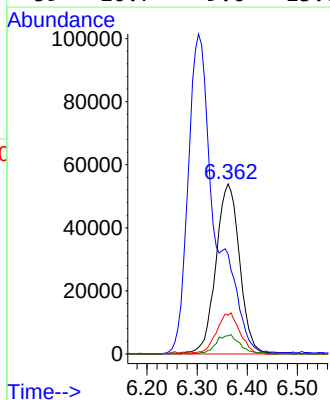
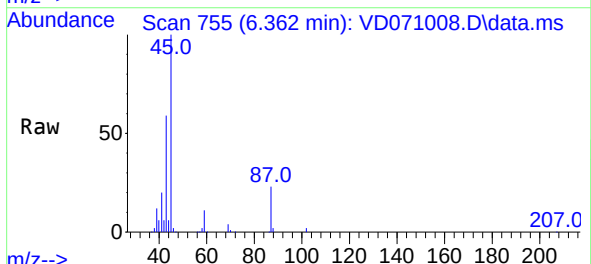
Manual Integrations
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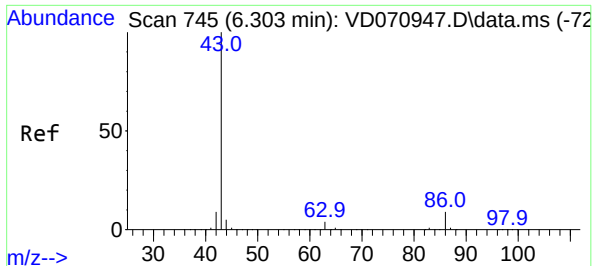
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 18.468 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

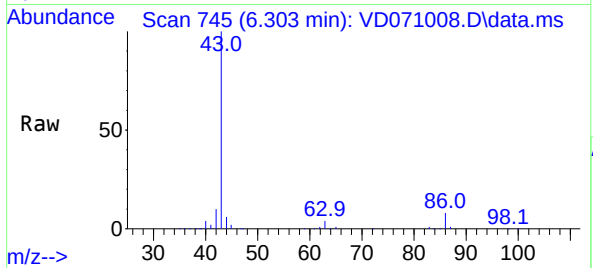
Tgt Ion: 45 Resp: 177538
Ion Ratio Lower Upper
45 100
43 57.9 39.6 59.4
87 22.9 21.2 31.8
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 89.711 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071008.D
 Acq: 12 Nov 2021 02:47

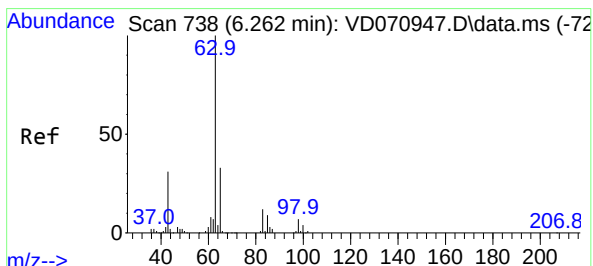
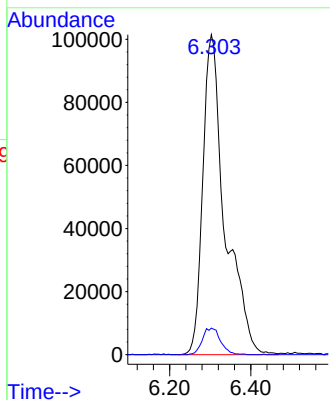
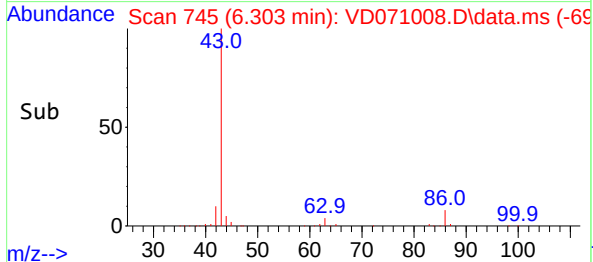
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD02



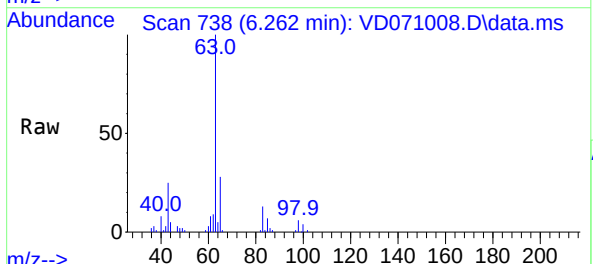
Tgt Ion: 43 Resp: 384968
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.2 12.4

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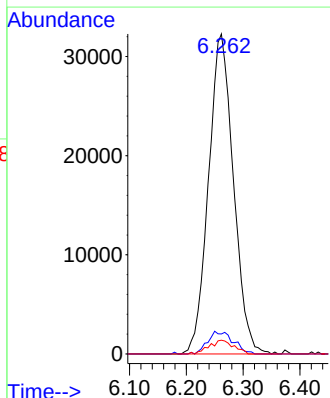
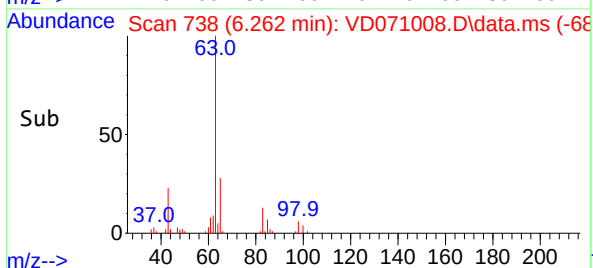
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

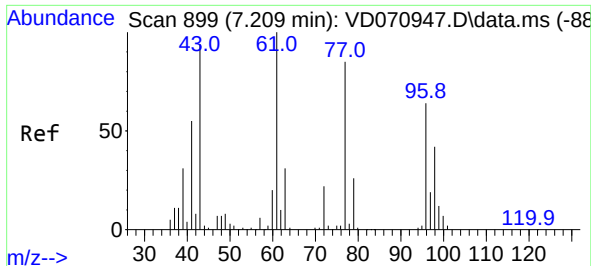


#24
 1,1-Dichloroethane
 Concen: 19.160 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD071008.D
 Acq: 12 Nov 2021 02:47



Tgt Ion: 63 Resp: 98378
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 4.3 2.1 6.3





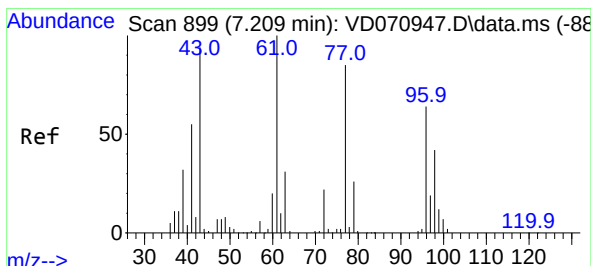
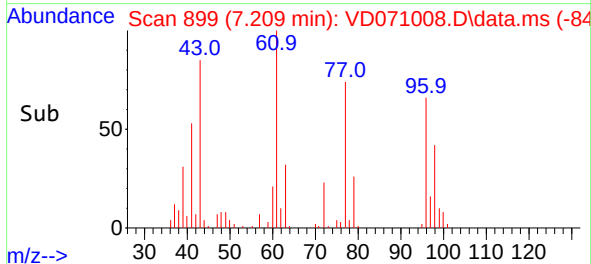
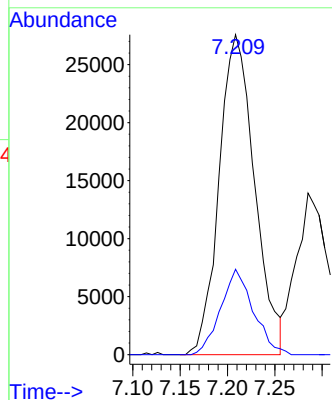
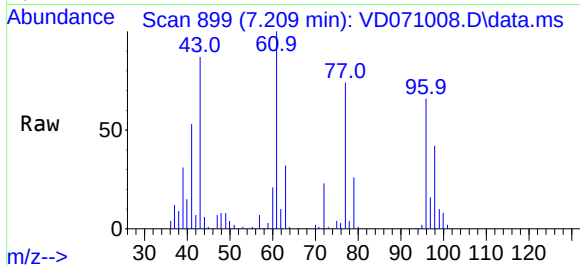
#25
2-Butanone
Concen: 93.089 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 43 Resp: 71923
Ion Ratio Lower Upper
43 100
72 26.7 23.8 35.6

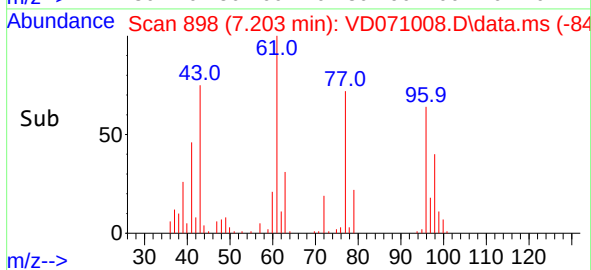
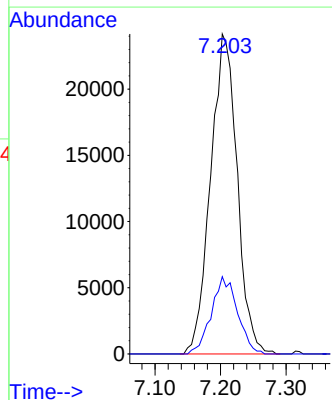
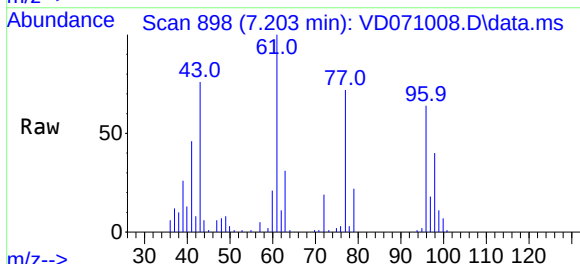
Manual Integrations
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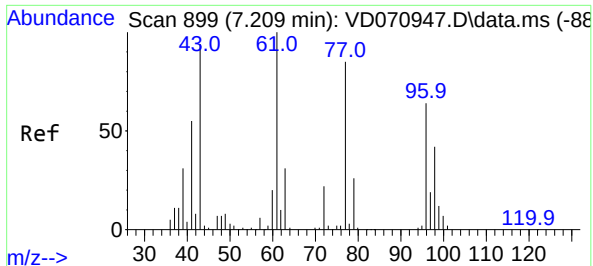
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 15.674 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion: 77 Resp: 67923
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.654 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD02

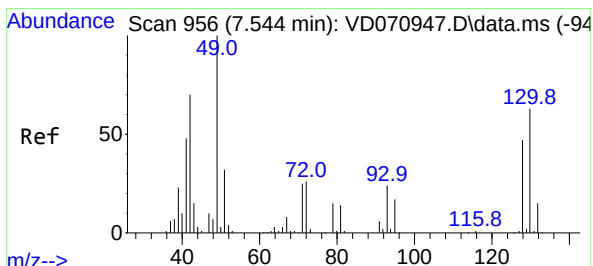
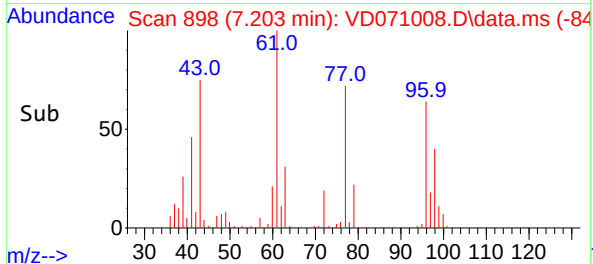
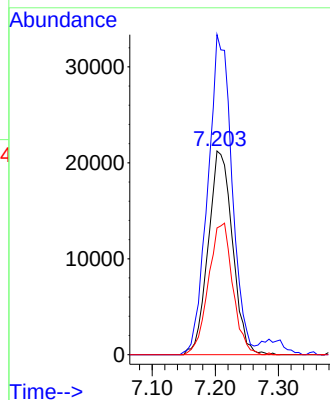
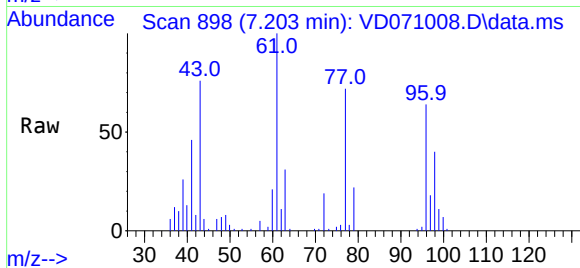
Tgt Ion: 96 Resp: 56740

Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	288.6
98	64.6	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 21.952 ug/l

RT: 7.544 min Scan# 956

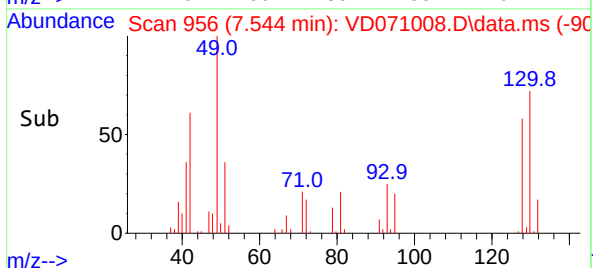
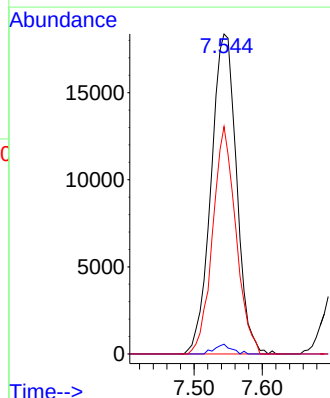
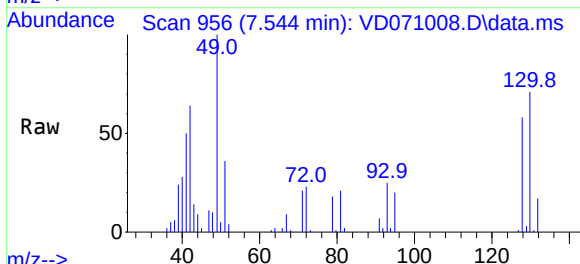
Delta R.T. -0.000 min

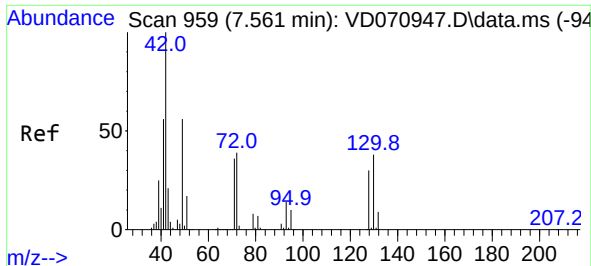
Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Tgt Ion: 49 Resp: 47809

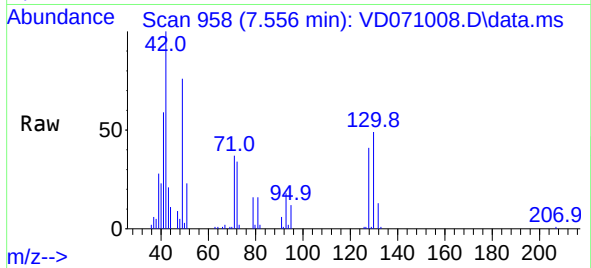
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	64.8	60.2	90.2





#29
Tetrahydrofuran
Concen: 92.435 ug/l
RT: 7.556 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

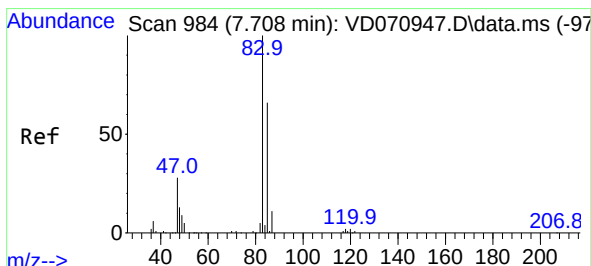
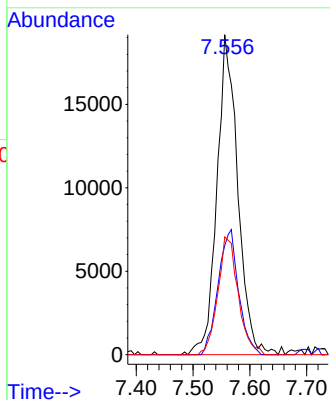
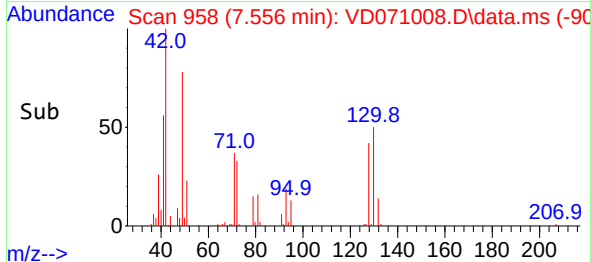
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



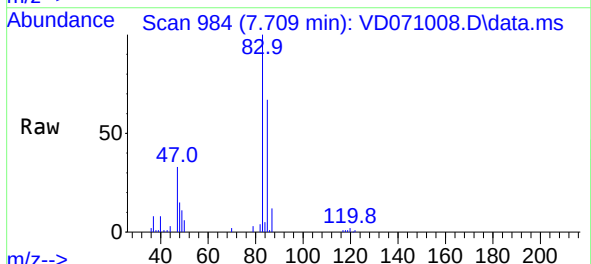
Tgt Ion: 42 Resp: 4888
Ion Ratio Lower Upper
42 100
72 38.5 33.7 50.5
71 36.1 32.7 49.1

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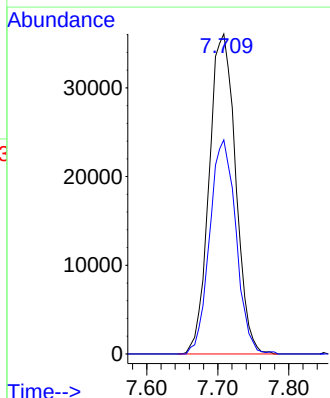
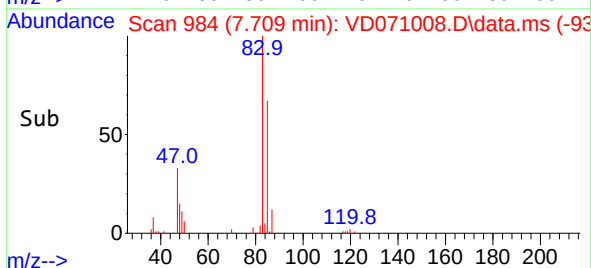
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

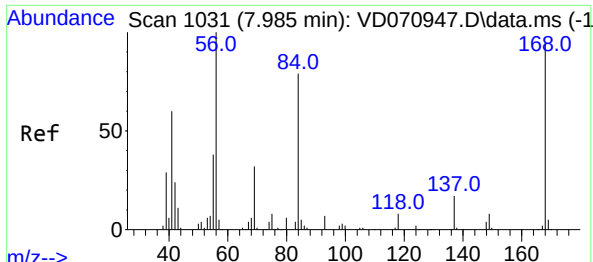


#30
Chloroform
Concen: 19.112 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.001 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion: 83 Resp: 93301
Ion Ratio Lower Upper
83 100
85 66.9 51.0 76.6





#31

Cyclohexane

Concen: 16.166 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD02

Tgt Ion: 56 Resp: 86538

Ion Ratio Lower Upper

56 100

69 35.7 25.9 38.9

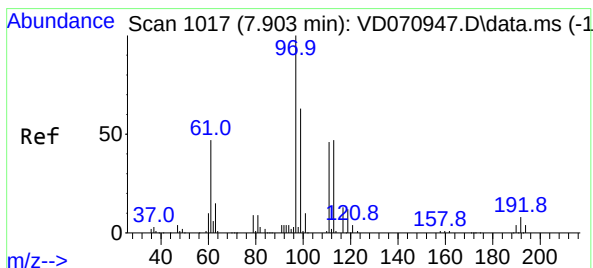
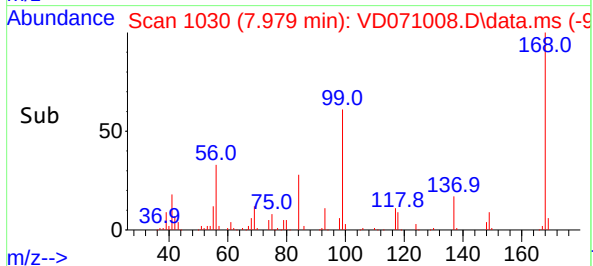
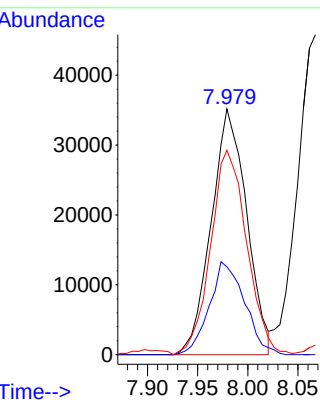
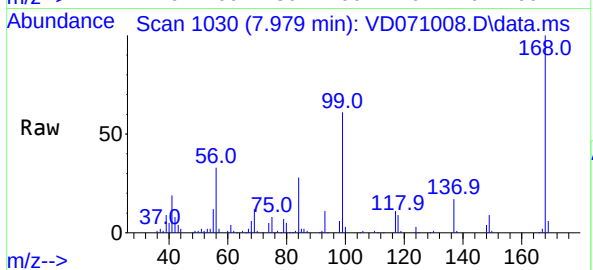
84 81.8 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 18.995 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

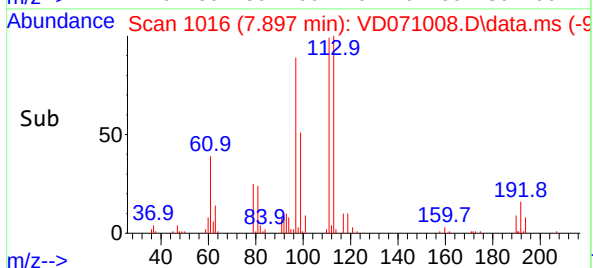
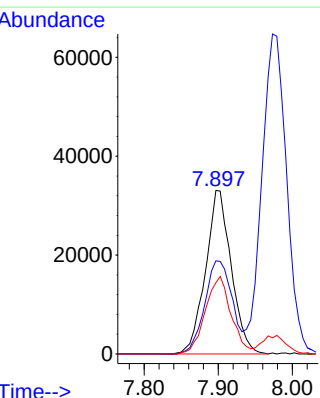
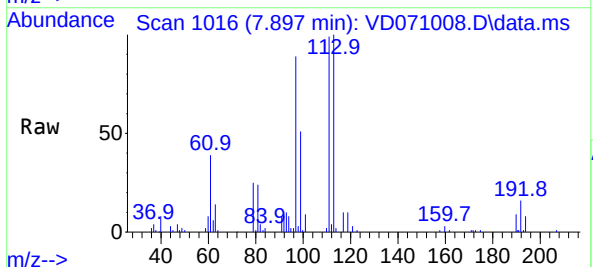
Tgt Ion: 97 Resp: 79641

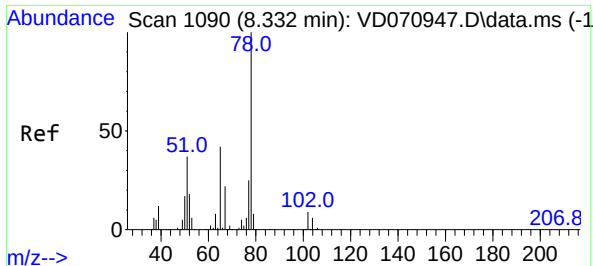
Ion Ratio Lower Upper

97 100

99 60.8 50.3 75.5

61 47.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 55.580 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD02

Tgt Ion: 65 Resp: 144678

Ion Ratio Lower Upper

65 100

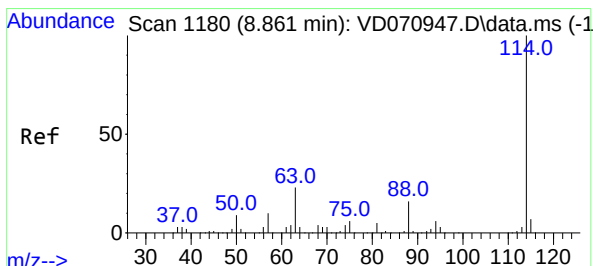
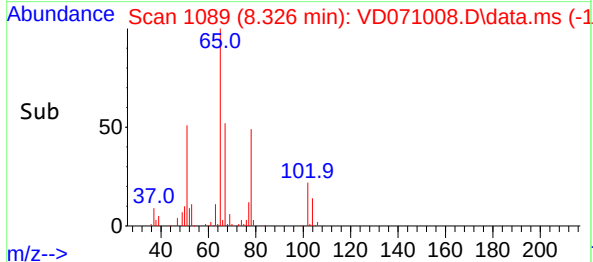
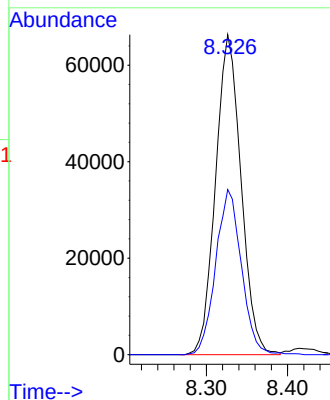
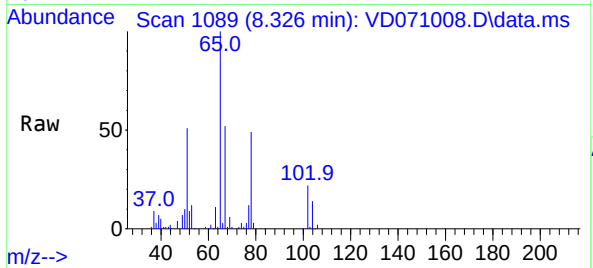
67 52.1 0.0 112.2

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Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

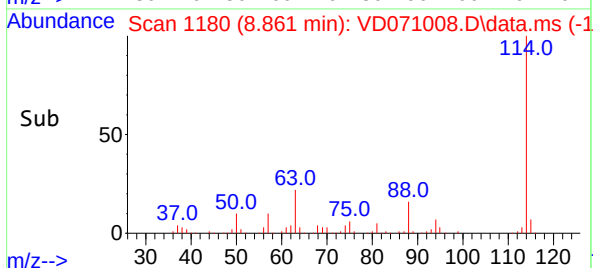
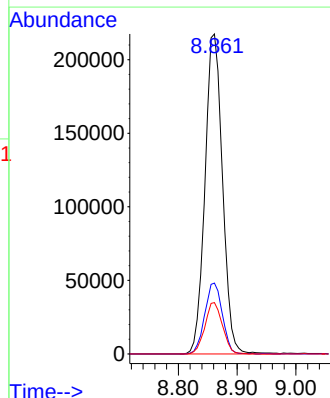
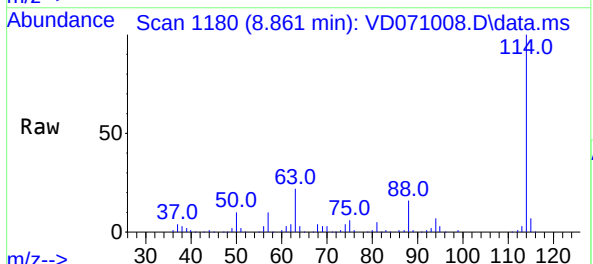
Tgt Ion:114 Resp: 451308

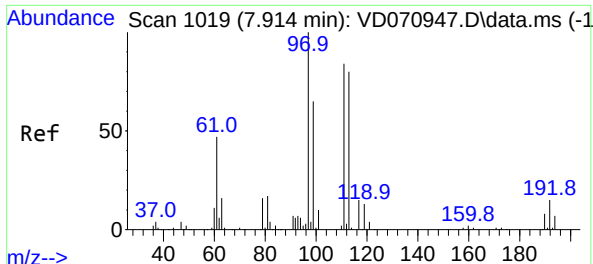
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

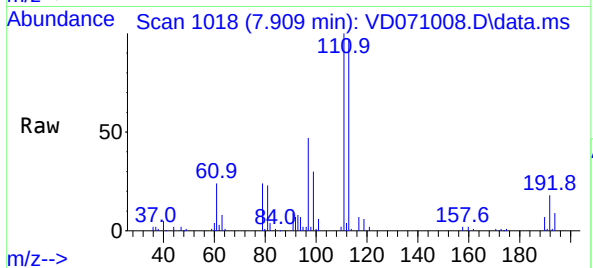
88 16.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 52.517 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

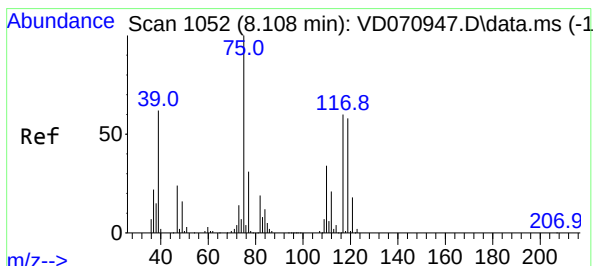
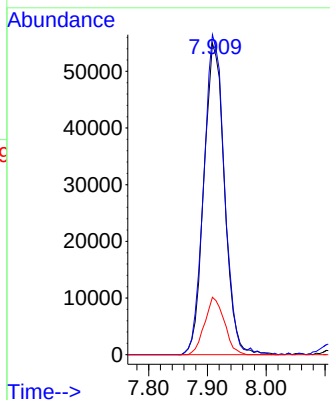
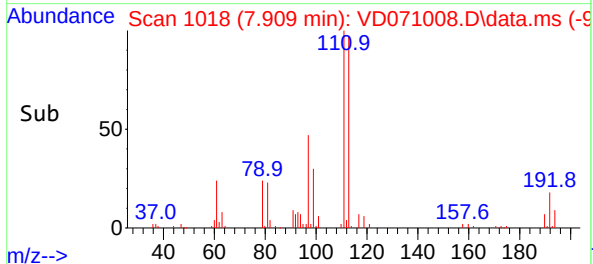
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



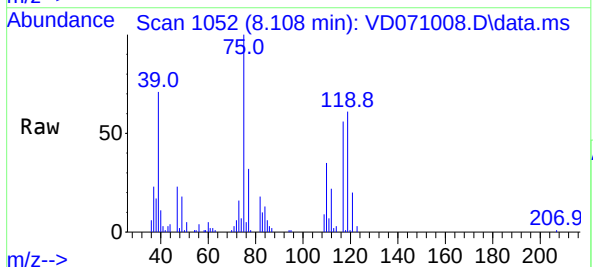
Tgt Ion:113 Resp: 13374
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 17.7 15.2 22.8

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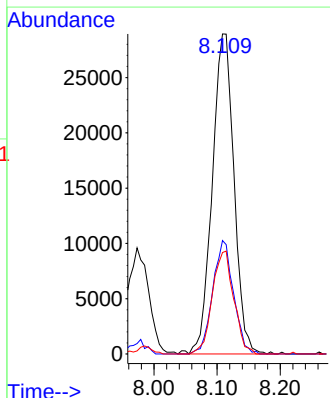
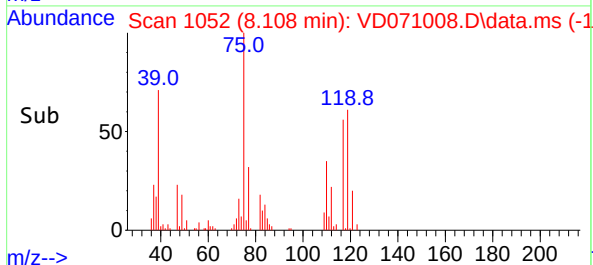
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

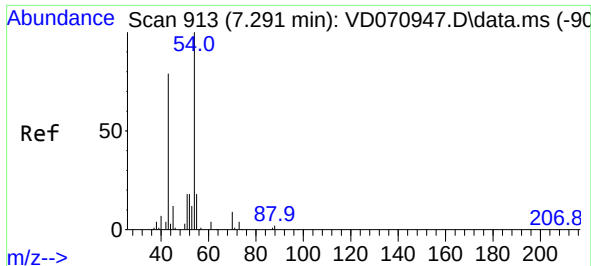


#36
1,1-Dichloropropene
Concen: 17.198 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



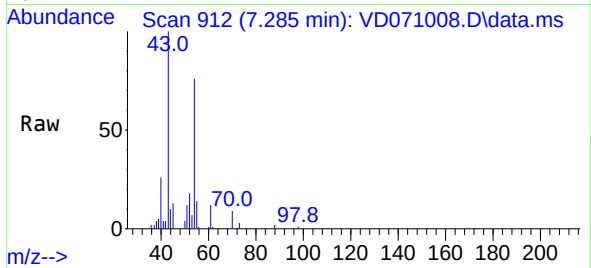
Tgt Ion: 75 Resp: 69298
Ion Ratio Lower Upper
75 100
110 33.9 17.8 53.4
77 31.8 24.8 37.2





#37
Ethyl Acetate
Concen: 18.412 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

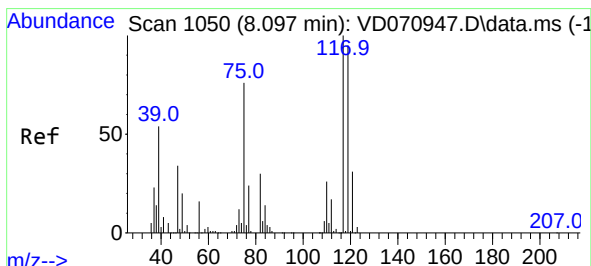
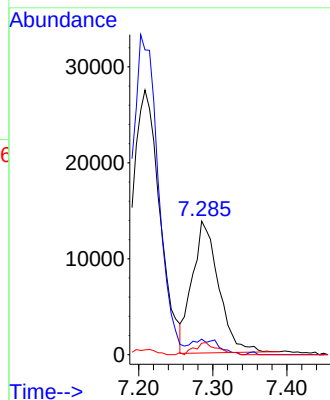
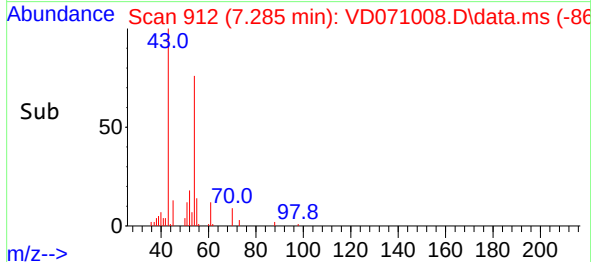
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



Tgt Ion: 43 Resp: 33849
Ion Ratio Lower Upper
43 100
61 12.3 13.0 19.6
70 8.2 8.7 13.1

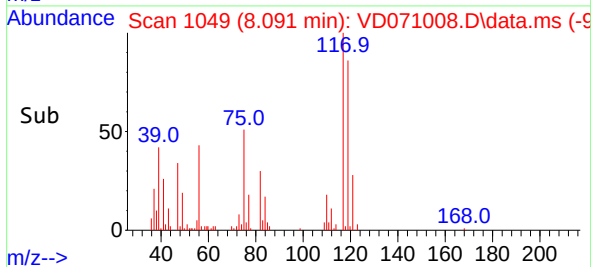
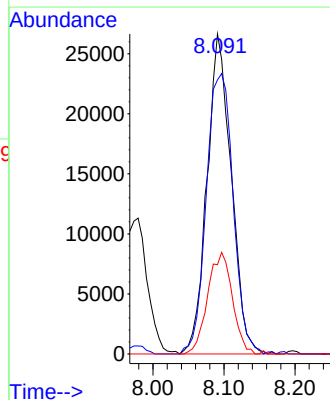
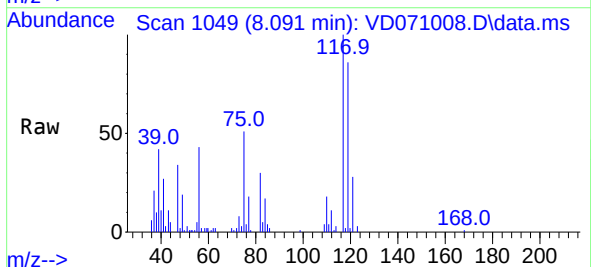
Manual Integrations
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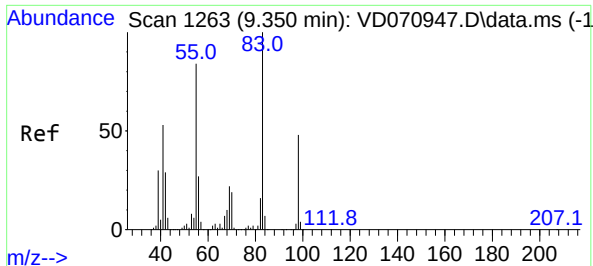
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 17.060 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion:117 Resp: 63305
Ion Ratio Lower Upper
117 100
119 85.6 75.8 113.6
121 27.9 23.6 35.4





#39

Methylcyclohexane

Concen: 15.020 ug/l

RT: 9.350 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD02

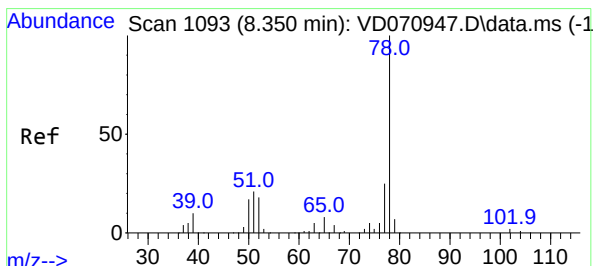
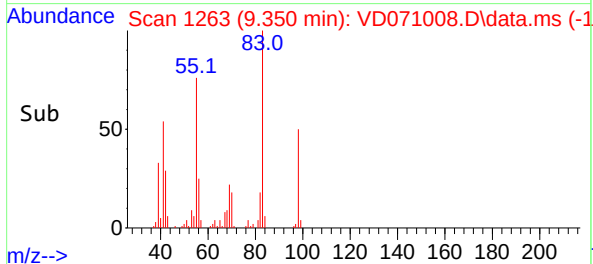
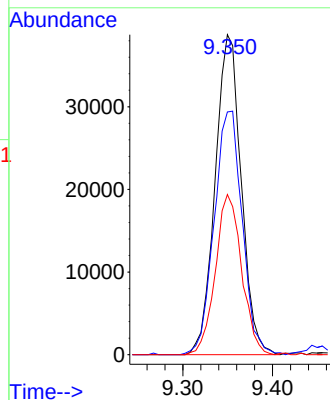
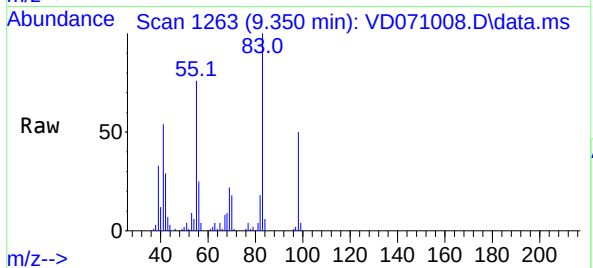
Tgt Ion: 83 Resp: 7816

Ion	Ratio	Lower	Upper
83	100		
55	75.8	65.8	98.8
98	50.1	38.7	58.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 18.088 ug/l

RT: 8.344 min Scan# 1092

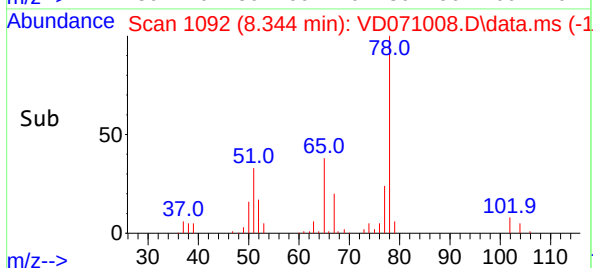
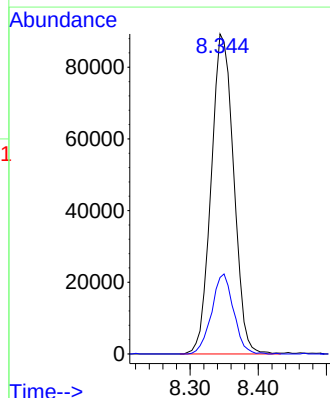
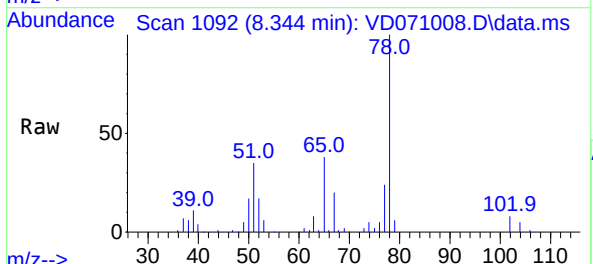
Delta R.T. -0.006 min

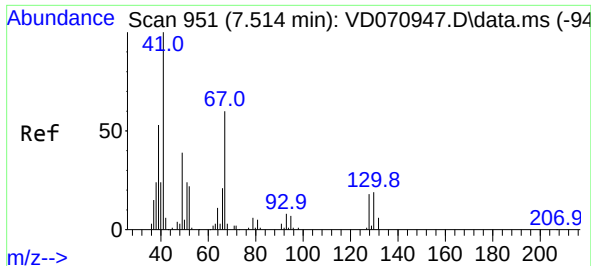
Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Tgt Ion: 78 Resp: 205262

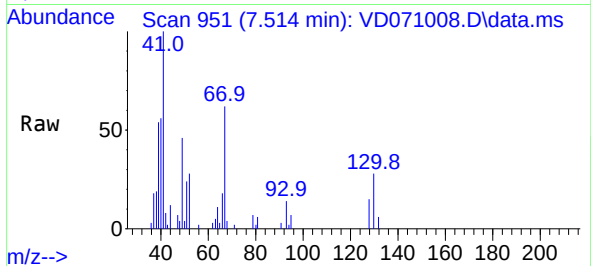
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41
Methacrylonitrile
Concen: 16.678 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

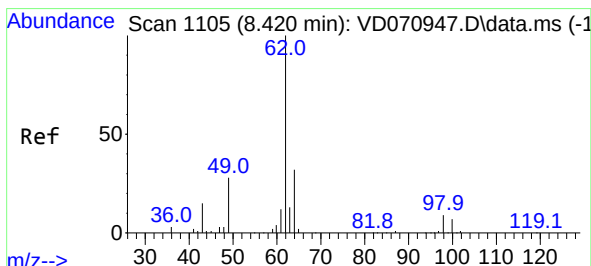
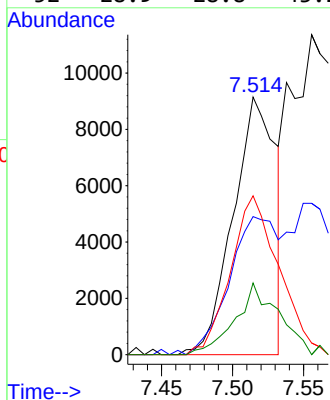
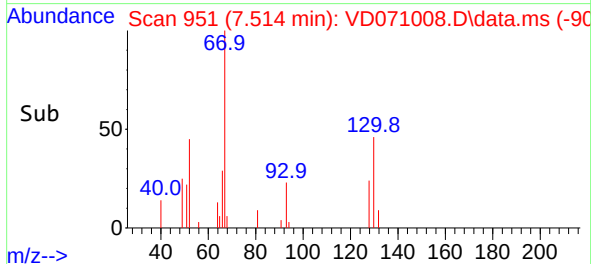
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



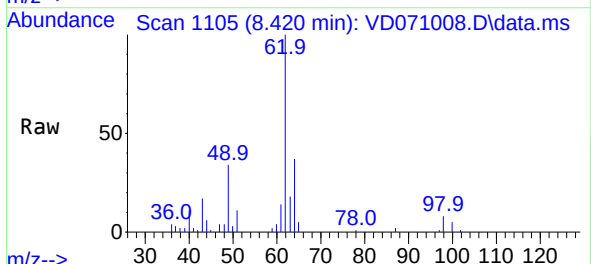
Tgt Ion: 41 Resp: 1906
Ion Ratio Lower Upper
41 100
39 60.2 60.2 90.4
67 70.3 74.8 112.2
52 28.9 28.8 43.2

Manual Integrations
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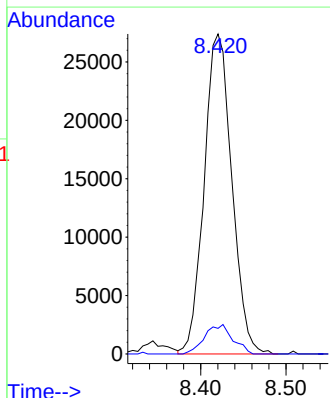
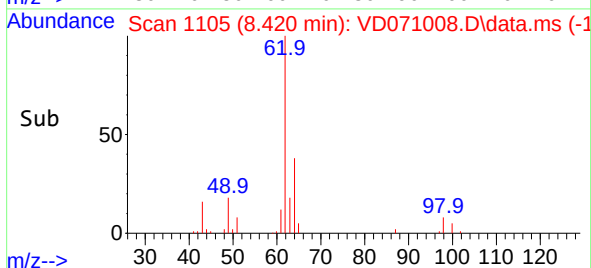
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

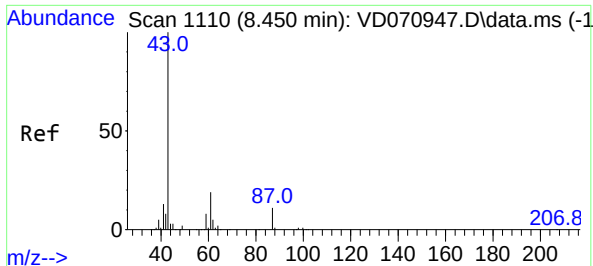


#42
1,2-Dichloroethane
Concen: 19.220 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



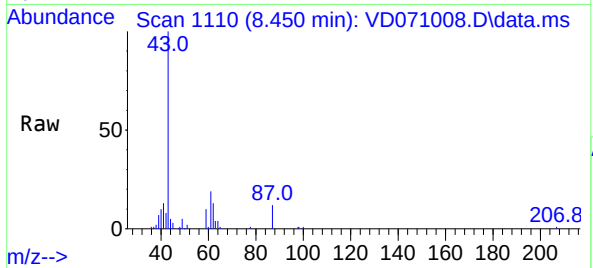
Tgt Ion: 62 Resp: 61776
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 17.740 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

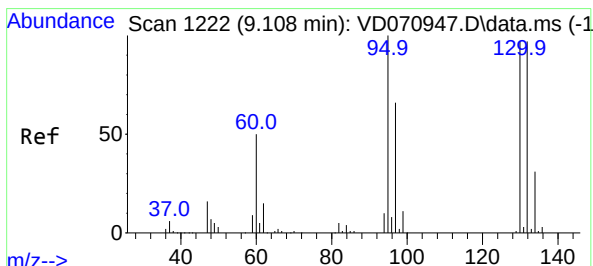
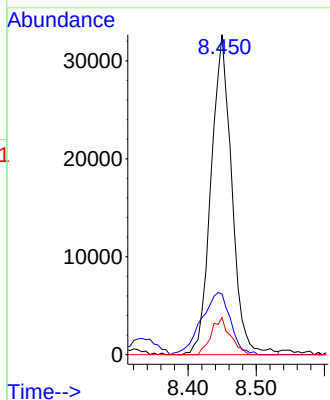
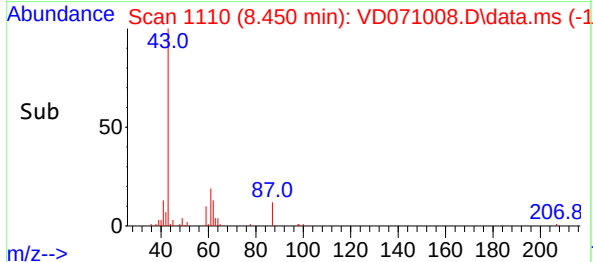
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



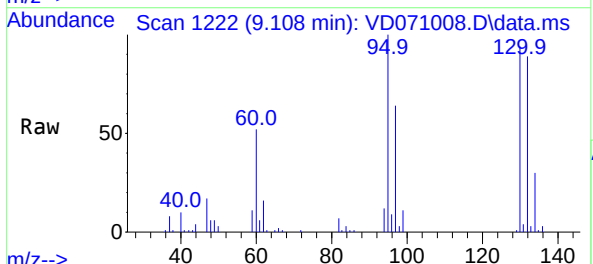
Tgt Ion: 43 Resp: 6902
Ion Ratio Lower Upper
43 100
61 27.2 28.2 42.4
87 10.7 10.7 16.1

Manual Integrations
APPROVED

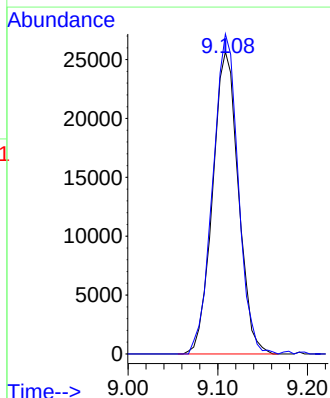
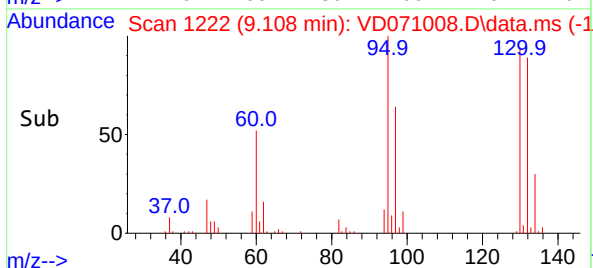
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

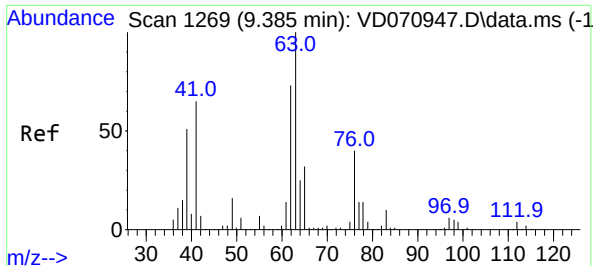


#44
Trichloroethene
Concen: 17.496 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion:130 Resp: 51176
Ion Ratio Lower Upper
130 100
95 105.9 0.0 193.2





#45

1,2-Dichloropropane

Concen: 17.684 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS02

Tgt Ion: 63 Resp: 54270

Ion Ratio Lower Upper

63 100

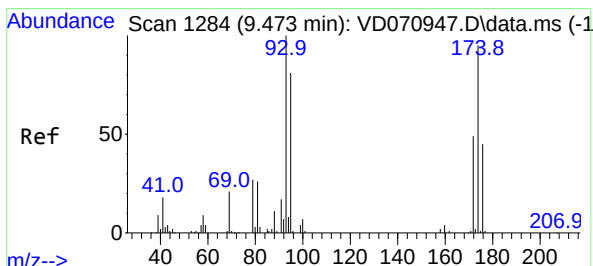
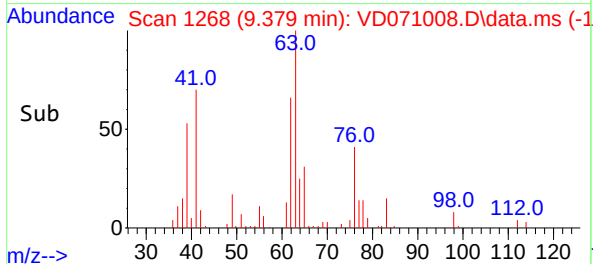
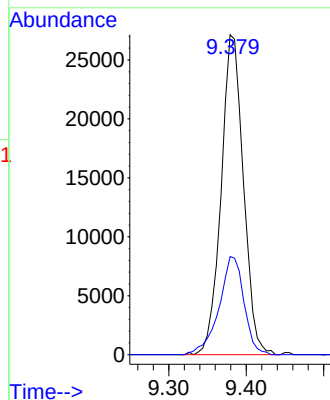
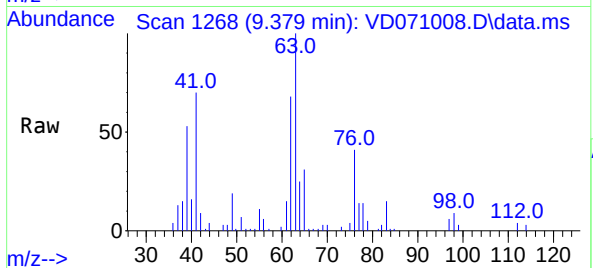
65 30.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 19.287 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071008.D

Acq: 12 Nov 2021 02:47

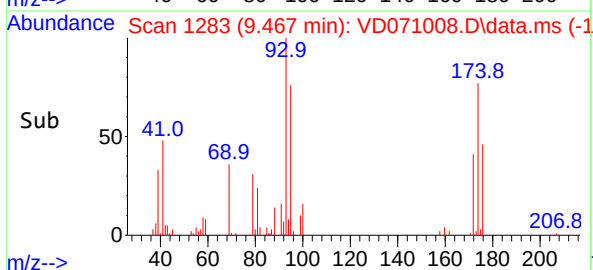
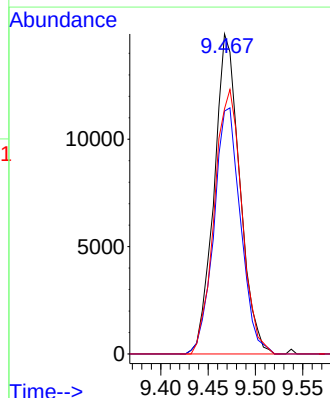
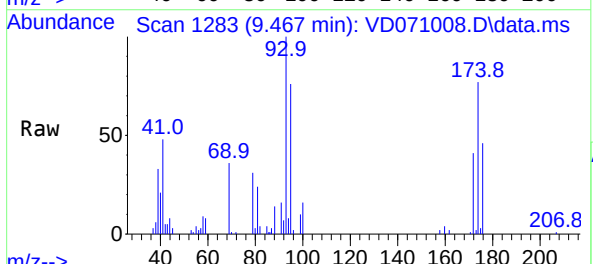
Tgt Ion: 93 Resp: 28174

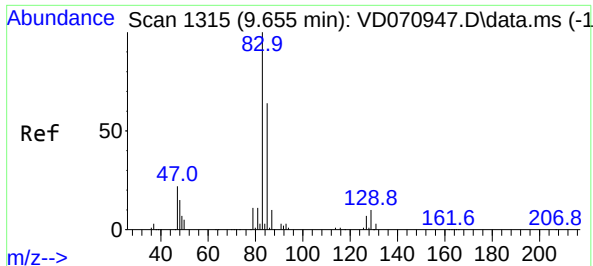
Ion Ratio Lower Upper

93 100

95 79.8 66.1 99.1

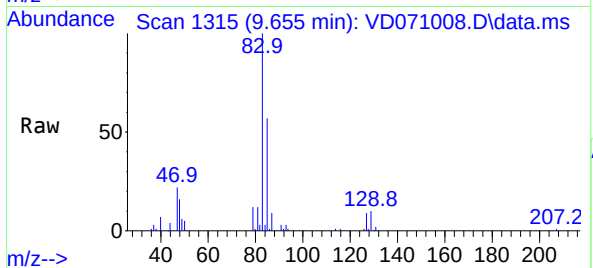
174 88.2 78.6 117.8





#47
Bromodichloromethane
Concen: 18.413 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

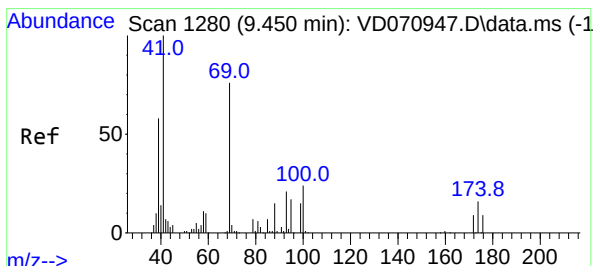
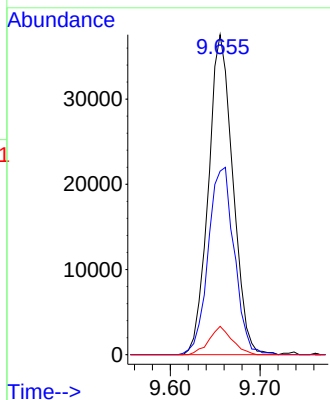
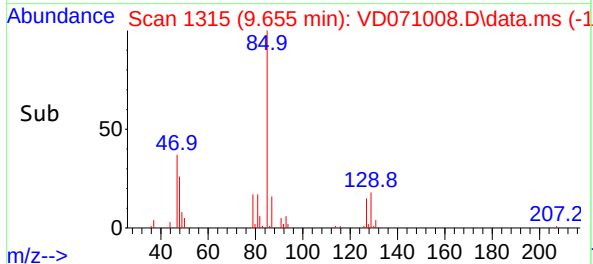
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



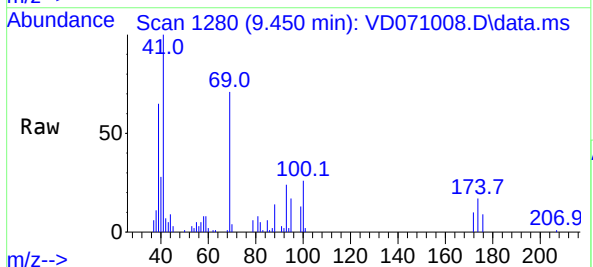
Tgt Ion: 83 Resp: 7114
Ion Ratio Lower Upper
83 100
85 57.4 50.0 75.0
127 8.8 7.3 10.9

Manual Integrations
APPROVED

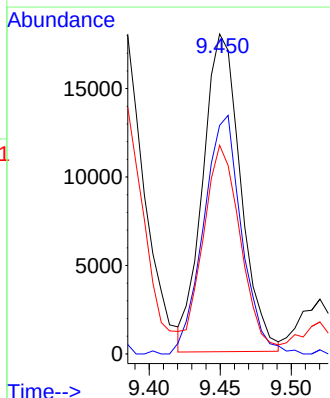
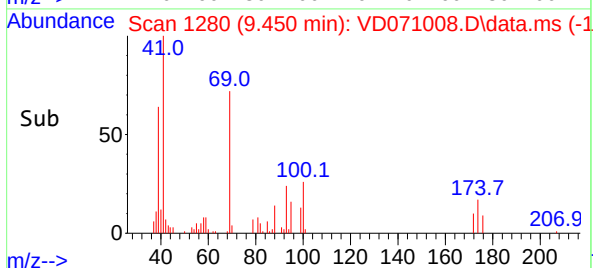
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

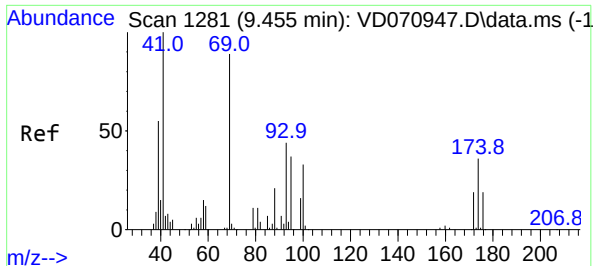


#48
Methyl methacrylate
Concen: 17.476 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



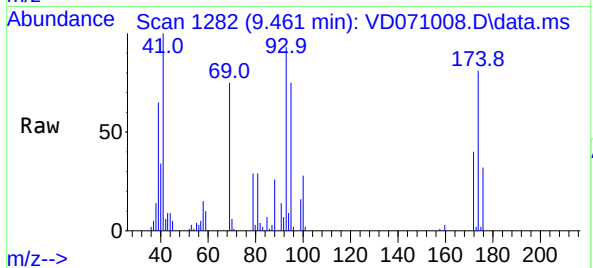
Tgt Ion: 41 Resp: 33356
Ion Ratio Lower Upper
41 100
69 75.6 69.8 104.6
39 65.4 35.6 53.4





#49
1,4-Dioxane
Concen: 356.574 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

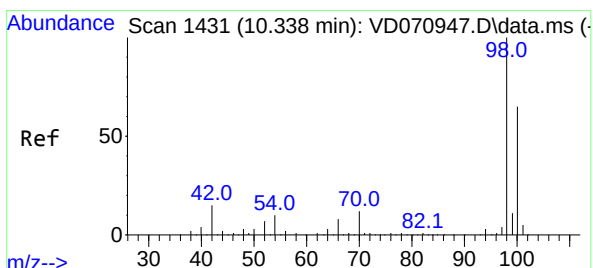
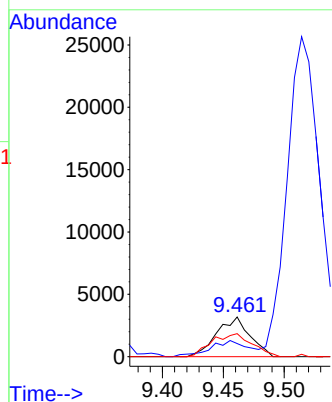
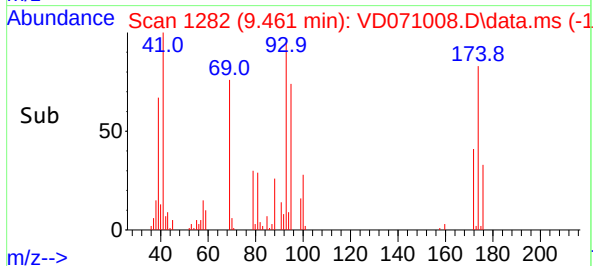
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS02



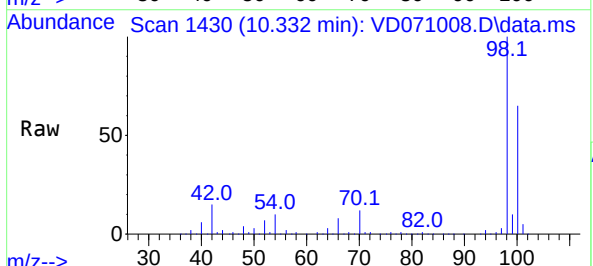
Tgt Ion: 88 Resp: 6035
Ion Ratio Lower Upper
88 100
43 46.4 28.9 43.3
58 70.7 56.3 84.5

Manual Integrations
APPROVED

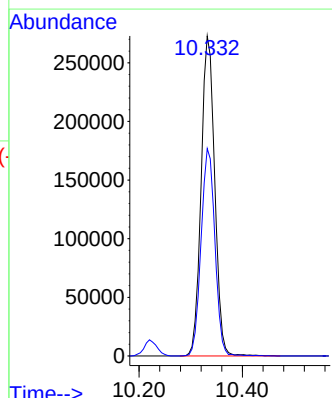
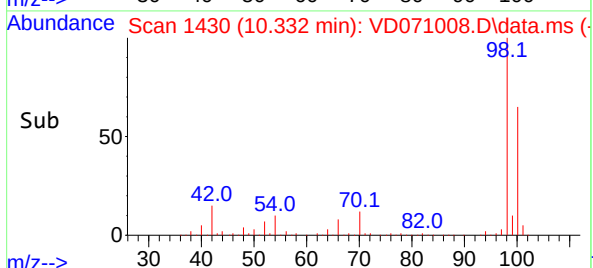
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

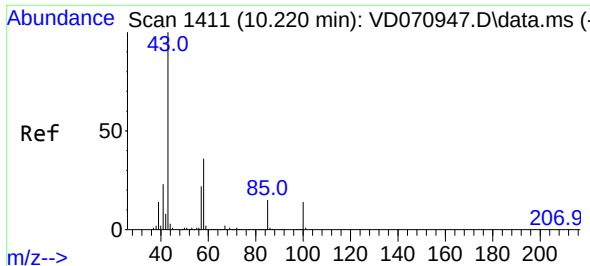


#50
Toluene-d8
Concen: 49.877 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



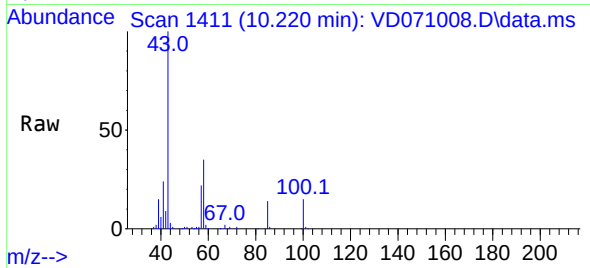
Tgt Ion: 98 Resp: 497434
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 89.959 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

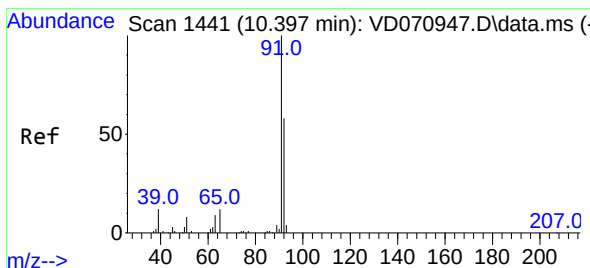
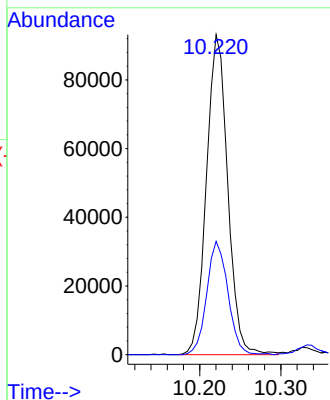
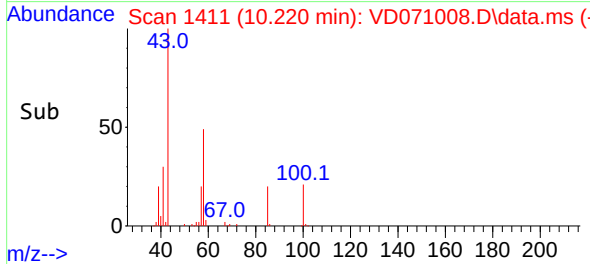
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



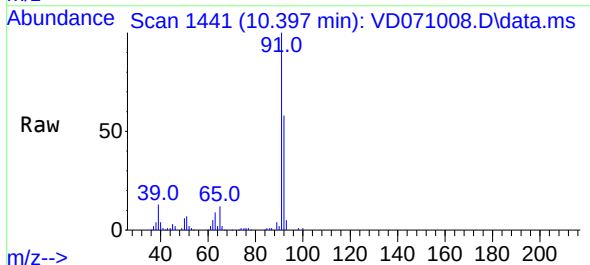
Tgt Ion: 43 Resp: 169680
Ion Ratio Lower Upper
43 100
58 35.3 33.1 49.7

Manual Integrations
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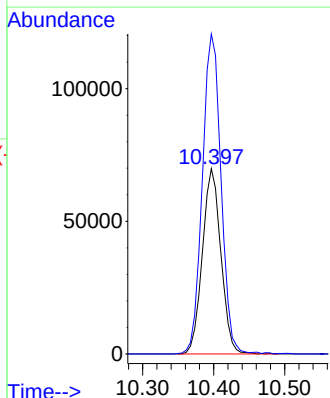
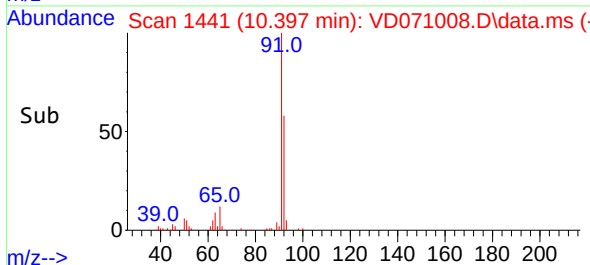
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

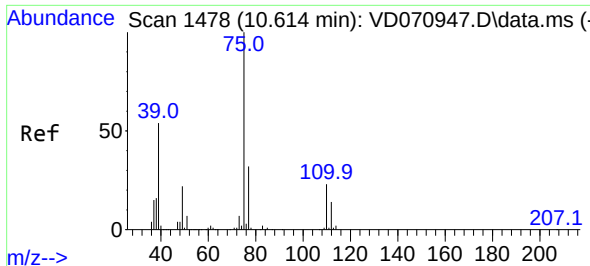


#52
Toluene
Concen: 17.666 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion: 92 Resp: 126369
Ion Ratio Lower Upper
92 100
91 174.7 140.7 211.1





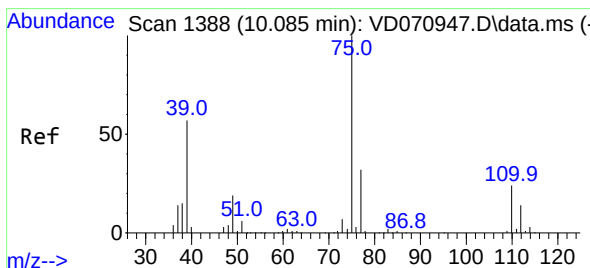
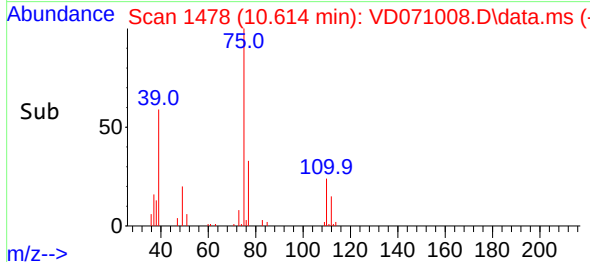
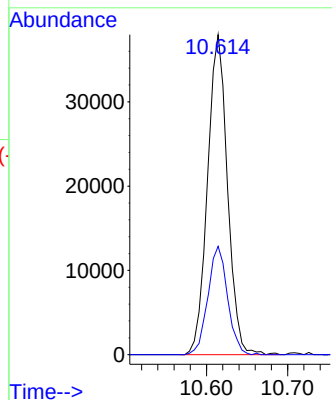
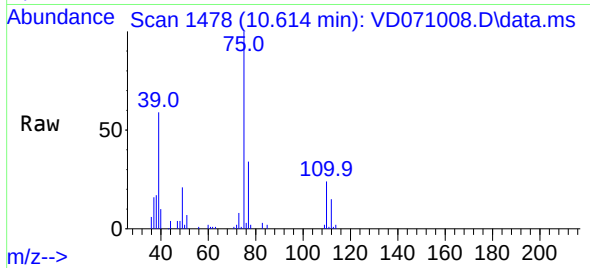
#53
t-1,3-Dichloropropene
Concen: 16.615 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 75 Resp: 64738
Ion Ratio Lower Upper
75 100
77 33.8 24.5 36.7

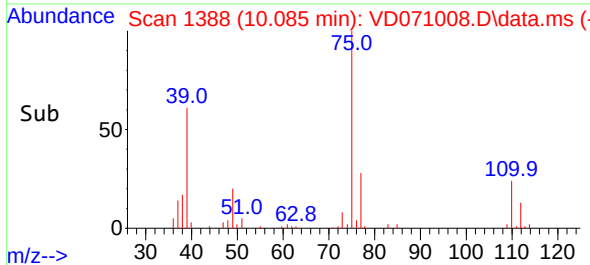
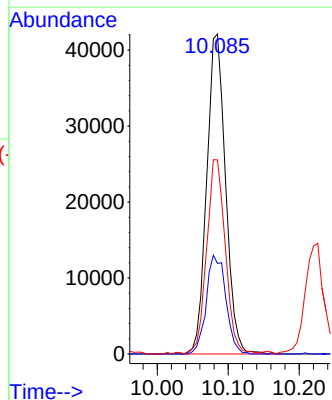
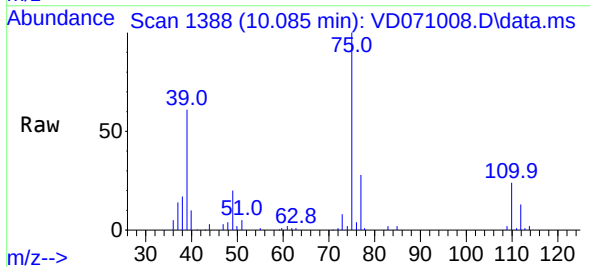
Manual Integrations
APPROVED

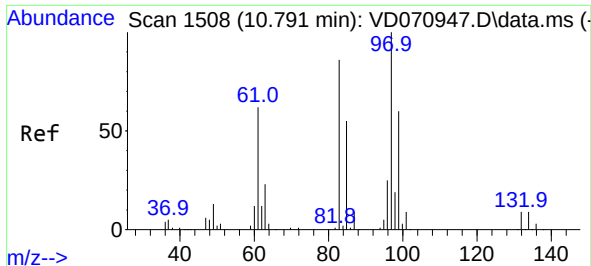
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 16.917 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion: 75 Resp: 77724
Ion Ratio Lower Upper
75 100
77 28.3 25.0 37.6
39 60.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.993 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

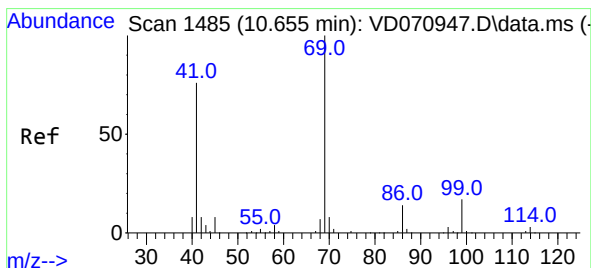
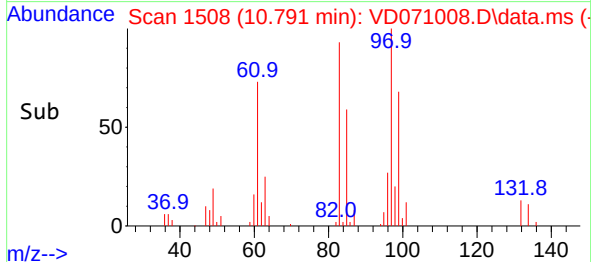
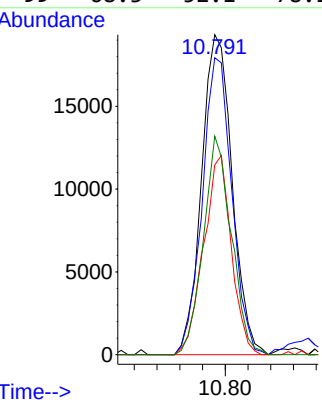
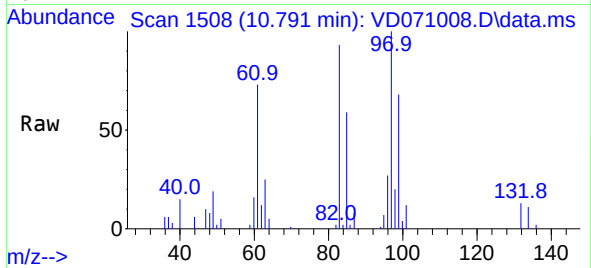
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 97 Resp: 36124

Ion	Ratio	Lower	Upper
97	100		
83	92.8	65.2	97.8
85	59.3	43.4	65.0
99	68.3	52.1	78.1

Manual Integrations
APPROVED

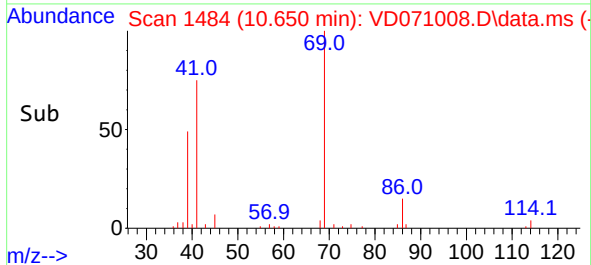
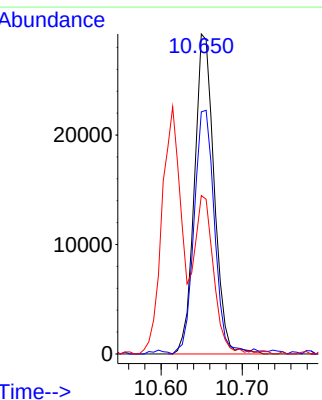
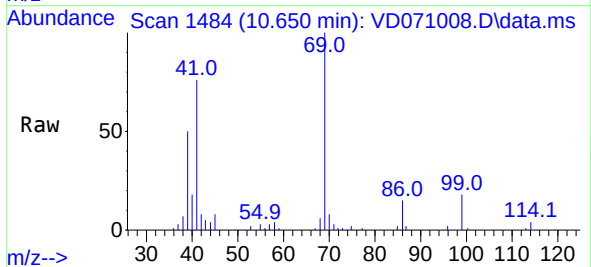
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

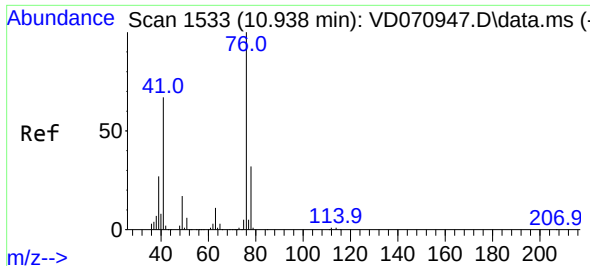


#56
Ethyl methacrylate
Concen: 17.374 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion: 69 Resp: 49353

Ion	Ratio	Lower	Upper
69	100		
41	78.4	50.2	75.2#
39	49.4	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 18.735 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071008.D

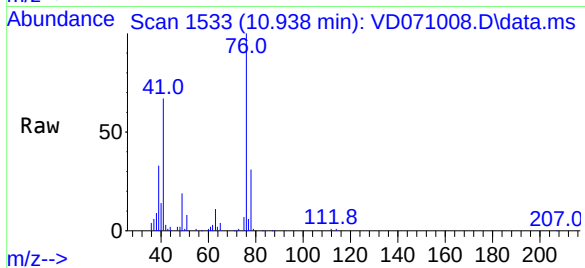
Acq: 12 Nov 2021 02:47

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD02



Tgt Ion: 76 Resp: 68300

Ion Ratio Lower Upper

76 100

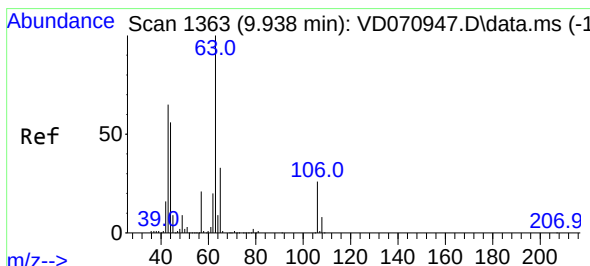
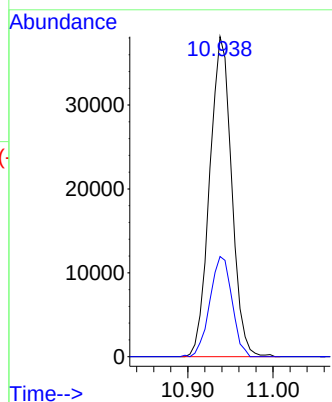
78 31.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 103.890 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD071008.D

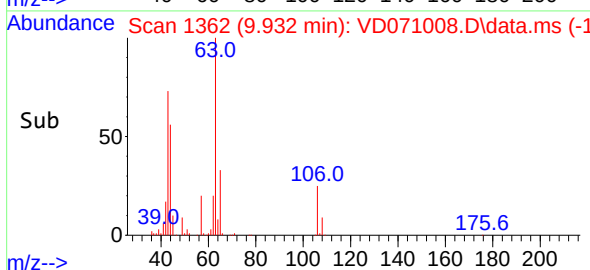
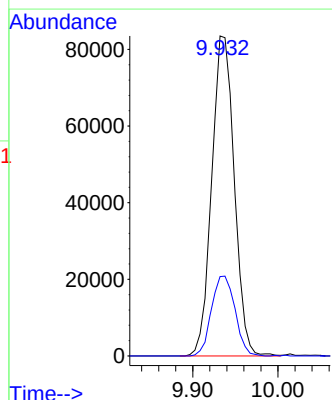
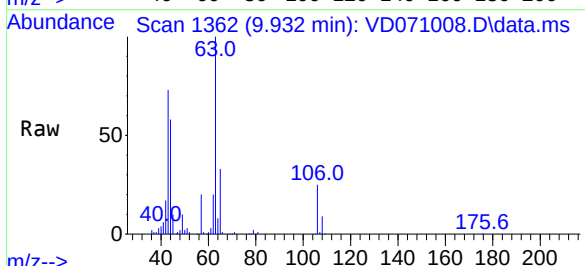
Acq: 12 Nov 2021 02:47

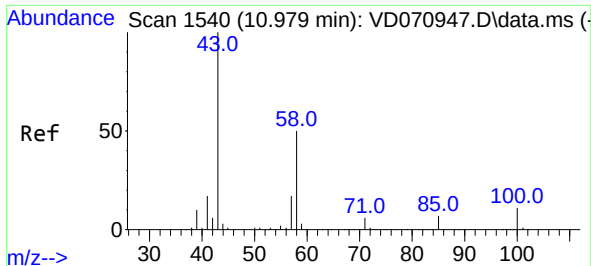
Tgt Ion: 63 Resp: 153421

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.4





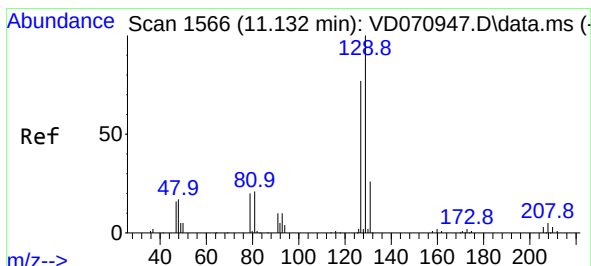
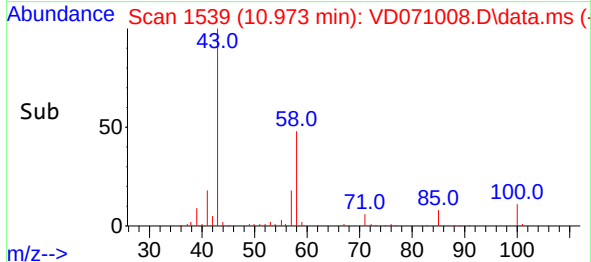
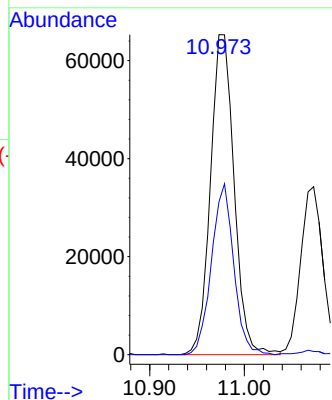
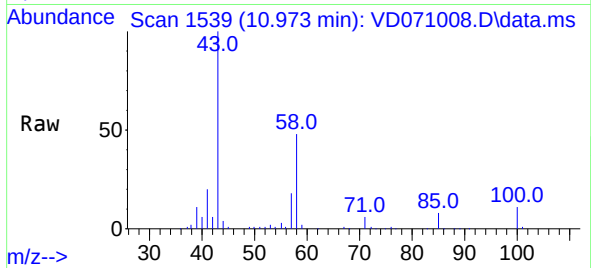
#59
2-Hexanone
Concen: 88.017 ug/l
RT: 10.973 min Scan# 11356
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 43 Resp: 11356
Ion Ratio Lower Upper
43 100
58 50.2 28.7 86.1

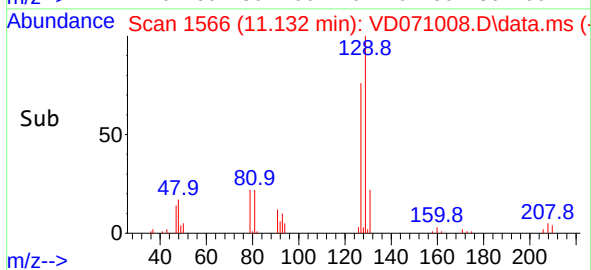
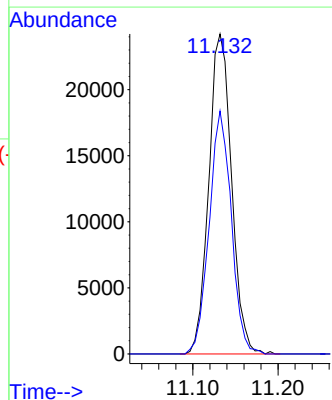
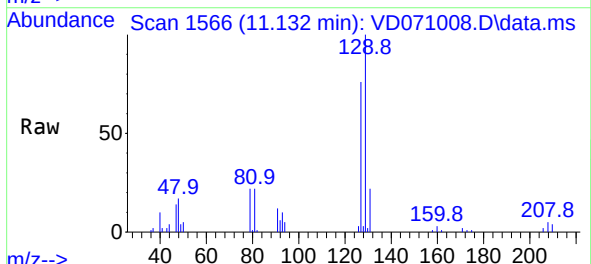
Manual Integrations
APPROVED

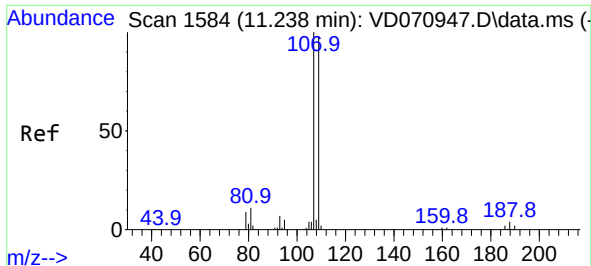
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 18.683 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion:129 Resp: 44998
Ion Ratio Lower Upper
129 100
127 73.9 38.9 116.6





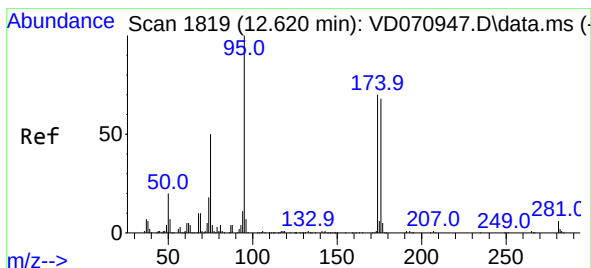
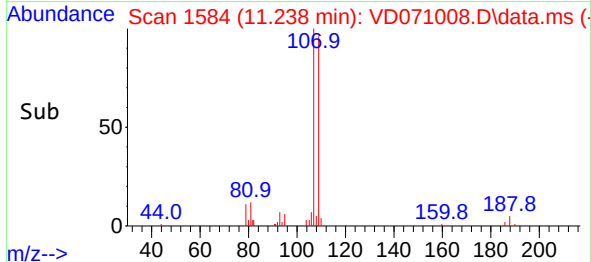
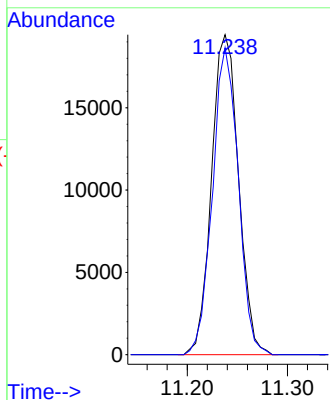
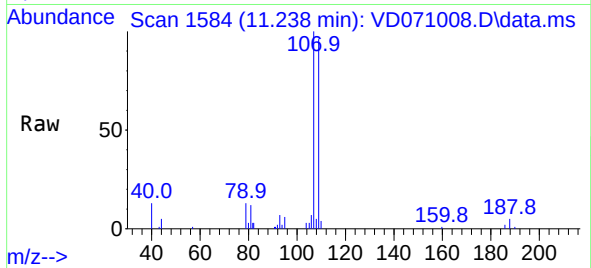
#61
1,2-Dibromoethane
Concen: 18.597 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:107 Resp: 36318
Ion Ratio Lower Upper
107 100
109 91.9 74.6 112.0

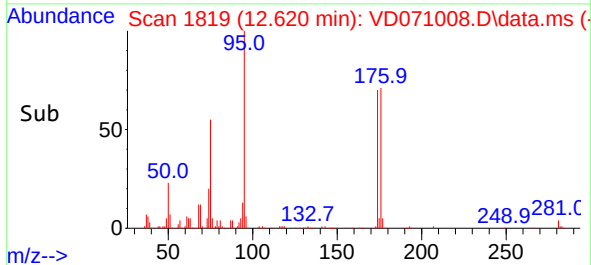
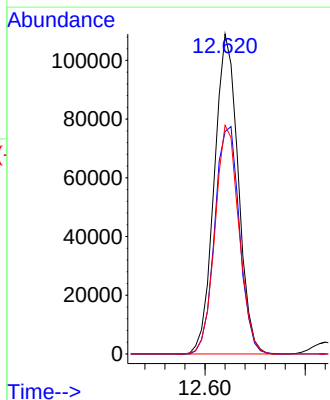
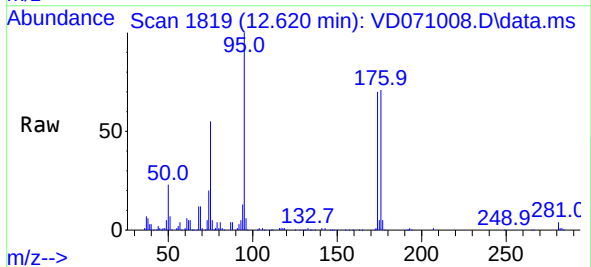
Manual Integrations
APPROVED

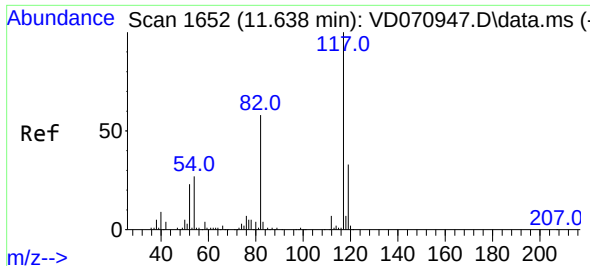
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 49.979 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

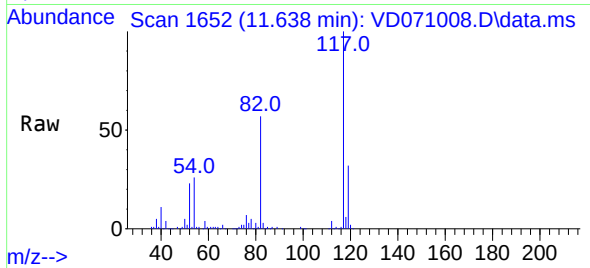
Tgt Ion: 95 Resp: 179473
Ion Ratio Lower Upper
95 100
174 73.8 0.0 159.4
176 72.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

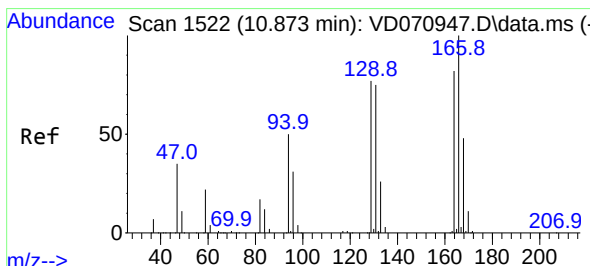
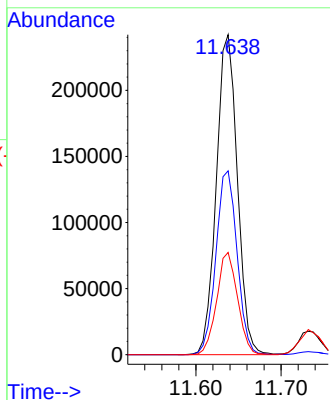
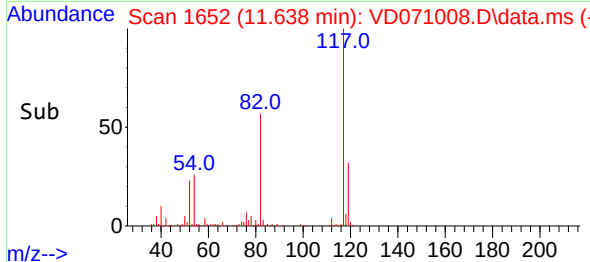
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



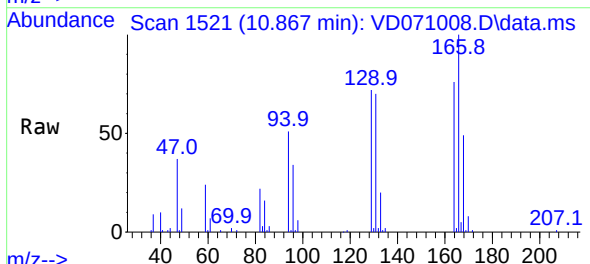
Tgt Ion:117 Resp: 41598
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.9 26.2 39.4

Manual Integrations
APPROVED

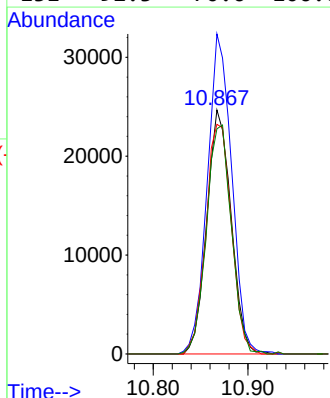
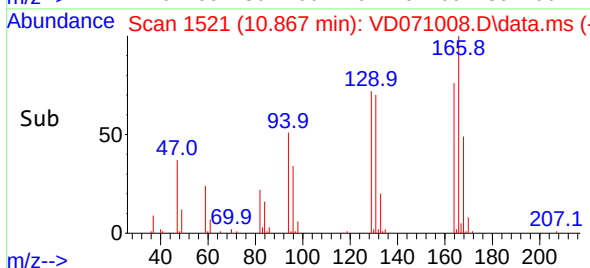
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

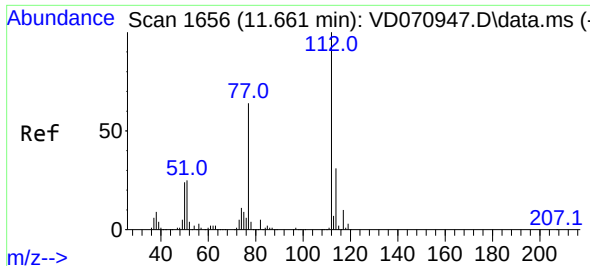


#64
Tetrachloroethene
Concen: 18.183 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



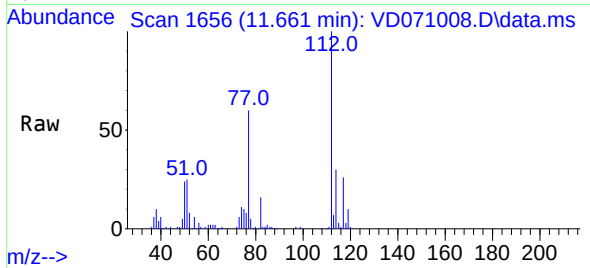
Tgt Ion:164 Resp: 44105
Ion Ratio Lower Upper
164 100
166 131.2 102.6 153.8
129 94.1 75.4 113.0
131 92.3 70.6 106.0





#65
Chlorobenzene
Concen: 18.112 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

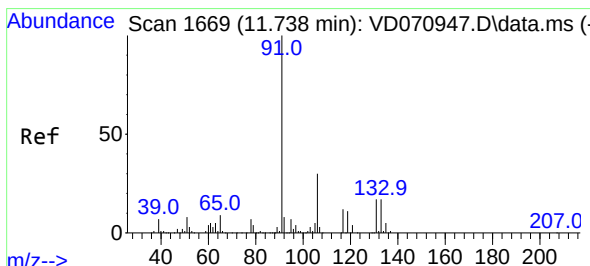
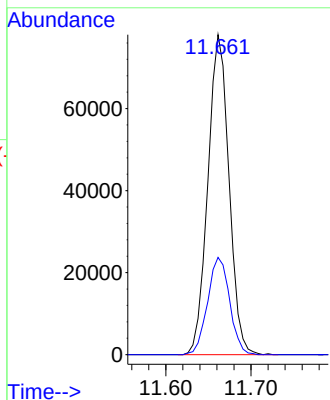
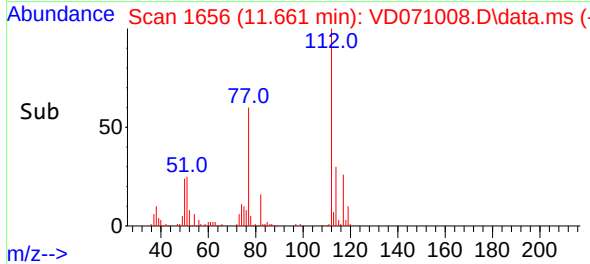
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



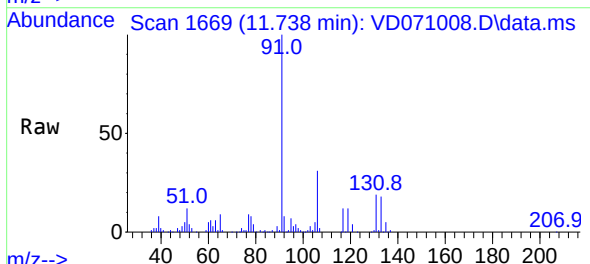
Tgt Ion:112 Resp: 134428
Ion Ratio Lower Upper
112 100
114 30.4 26.0 39.0

Manual Integrations
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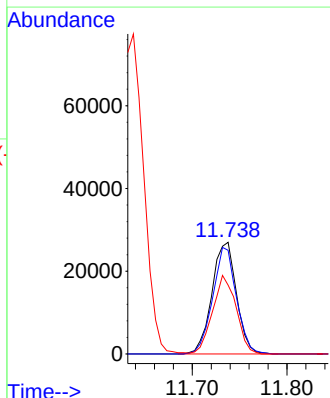
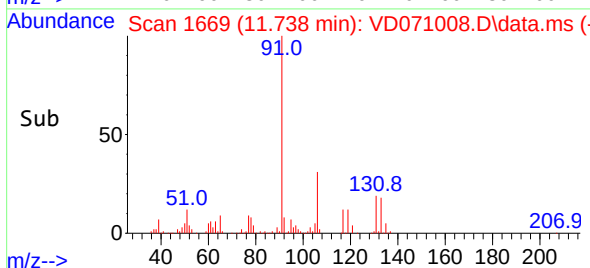
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

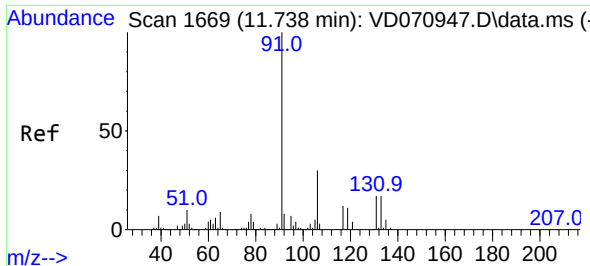


#66
1,1,1,2-Tetrachloroethane
Concen: 18.417 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion:131 Resp: 48518
Ion Ratio Lower Upper
131 100
133 92.5 48.0 144.0
119 67.6 33.5 100.4





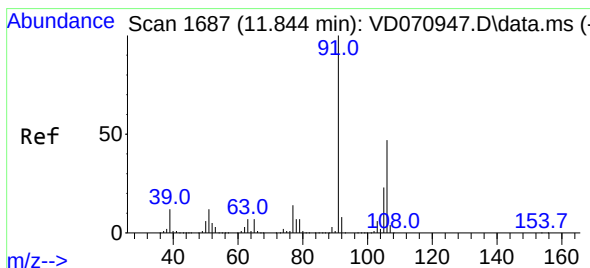
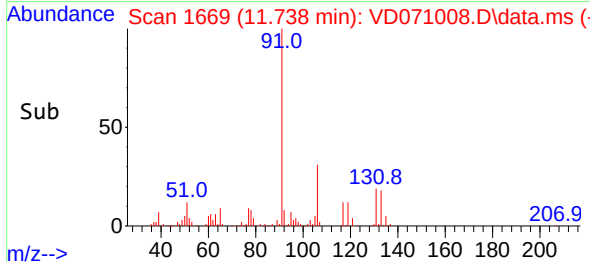
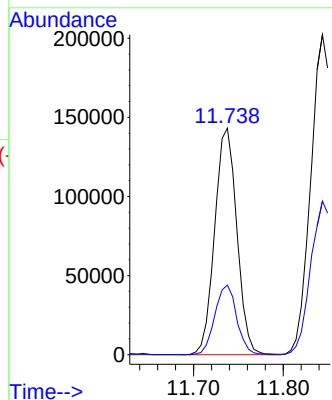
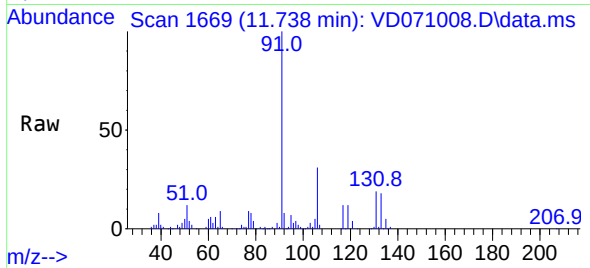
#67
Ethyl Benzene
Concen: 17.463 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 91 Resp: 245462
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

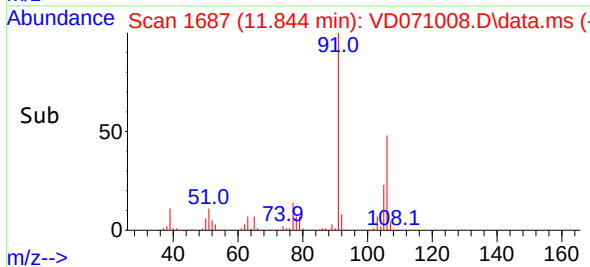
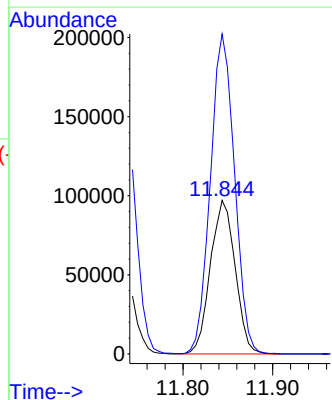
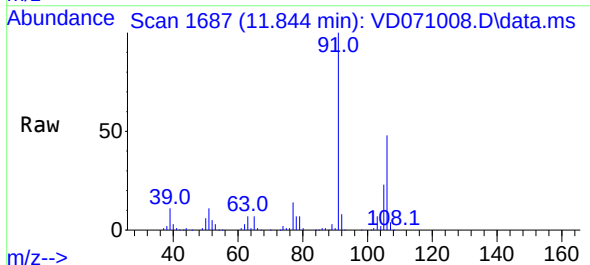
Manual Integrations
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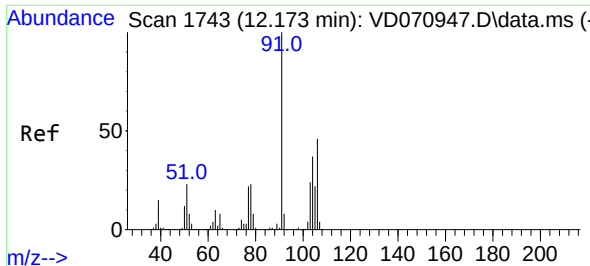
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#68
m/p-Xylenes
Concen: 35.447 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion:106 Resp: 186213
Ion Ratio Lower Upper
106 100
91 203.5 160.1 240.1





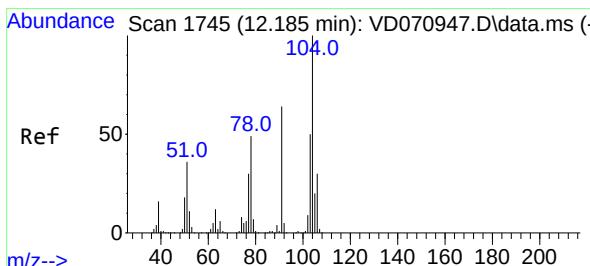
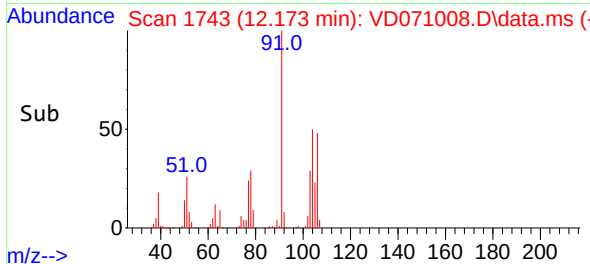
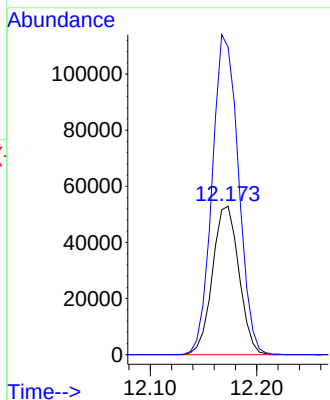
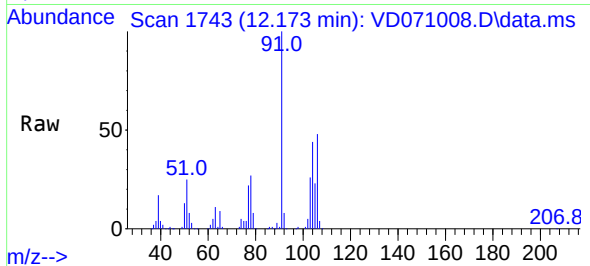
#69
o-Xylene
Concen: 18.256 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:106 Resp: 91223
Ion Ratio Lower Upper
106 100
91 214.1 106.3 319.0

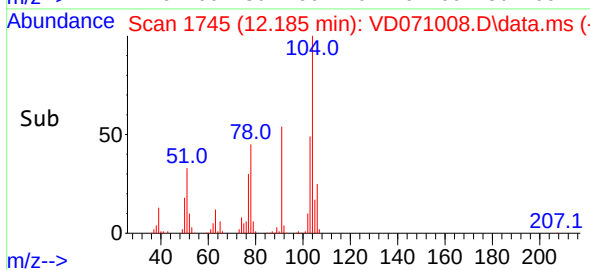
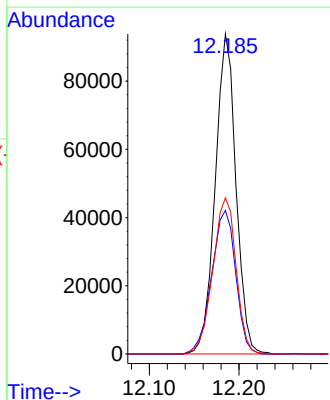
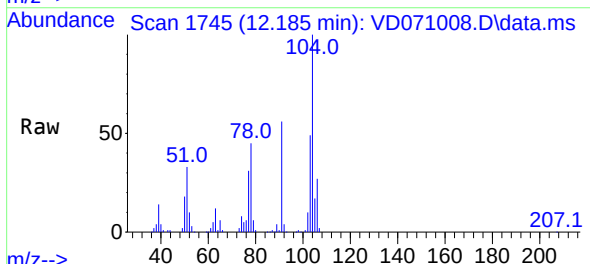
Manual Integrations
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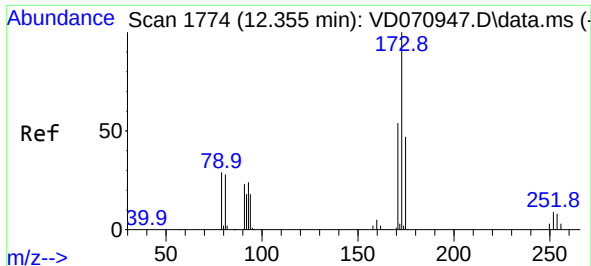
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 17.817 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion:104 Resp: 150744
Ion Ratio Lower Upper
104 100
78 51.9 39.4 59.0
103 54.6 43.4 65.0





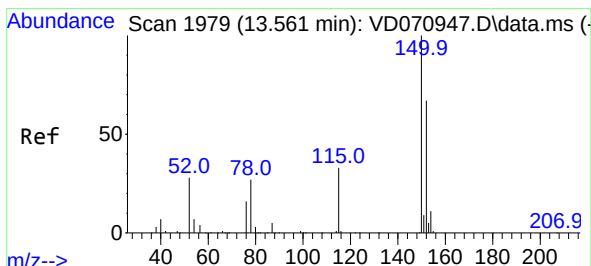
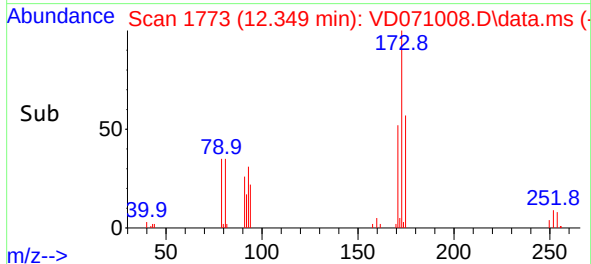
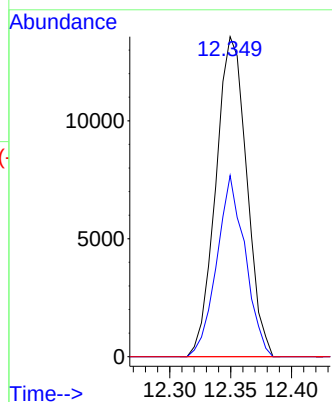
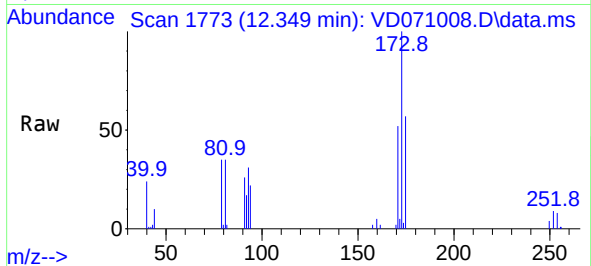
#71
Bromoform
Concen: 17.406 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:173 Resp: 23912
Ion Ratio Lower Upper
173 100
175 52.1 24.1 72.2
254 0.0 0.1 0.1

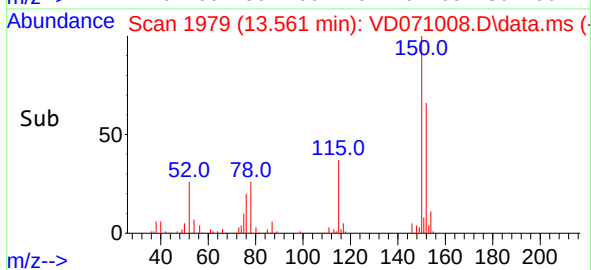
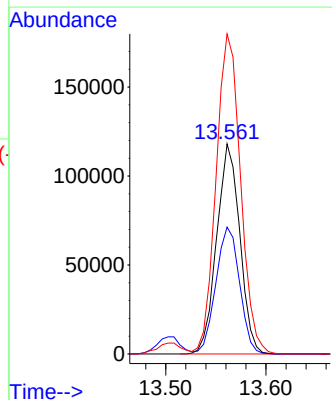
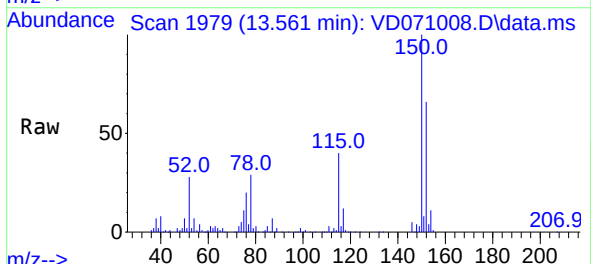
Manual Integrations
APPROVED

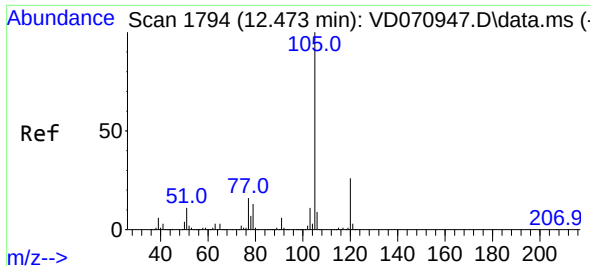
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion:152 Resp: 189163
Ion Ratio Lower Upper
152 100
115 61.9 29.8 89.3
150 161.1 0.0 349.2





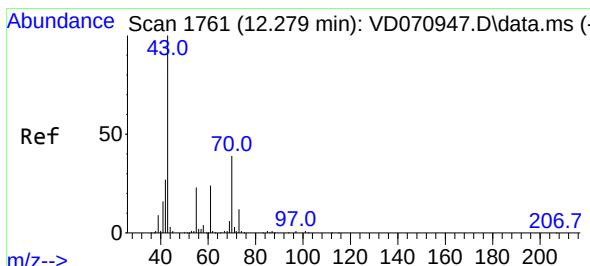
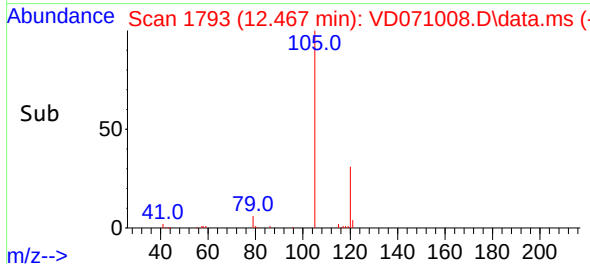
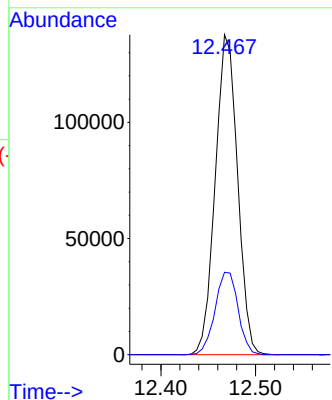
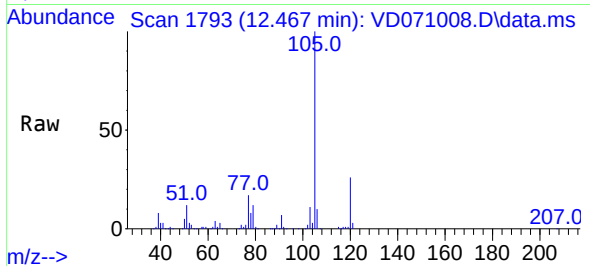
#73
Isopropylbenzene
Concen: 16.520 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:105 Resp: 22513
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5

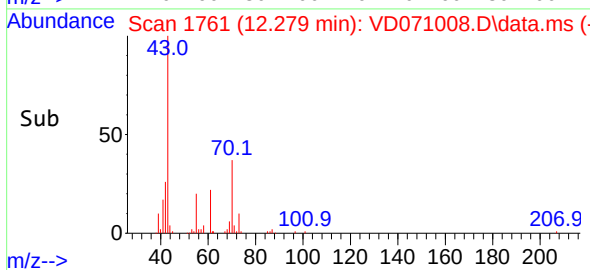
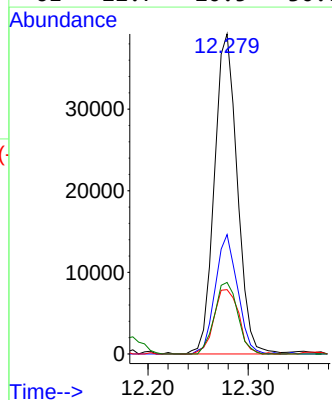
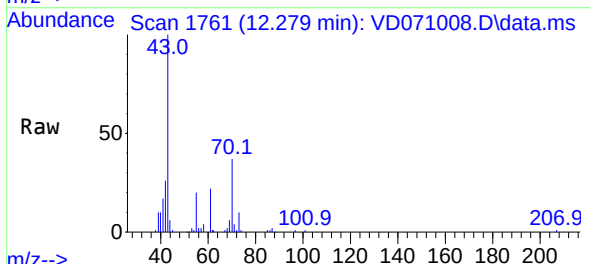
Manual Integrations
APPROVED

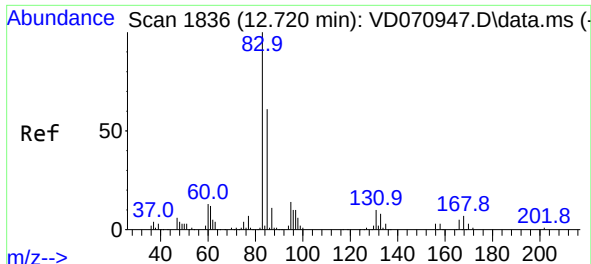
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 15.958 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

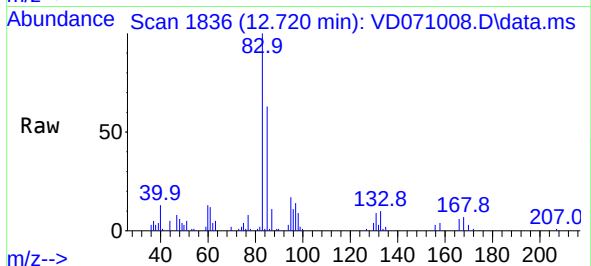
Tgt Ion: 43 Resp: 62127
Ion Ratio Lower Upper
43 100
70 36.4 36.6 55.0#
55 21.9 22.5 33.7#
61 22.7 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.165 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

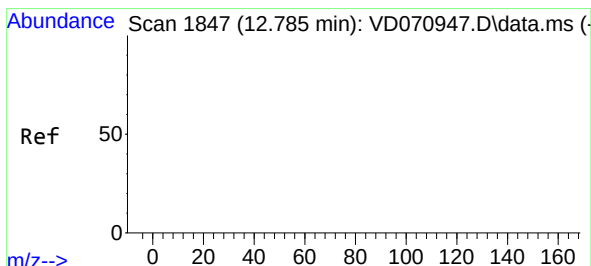
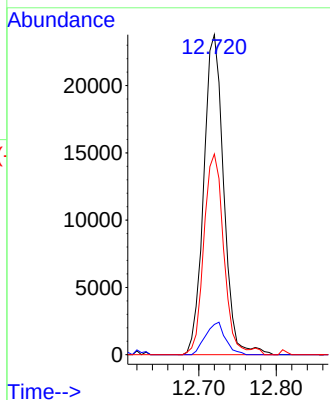
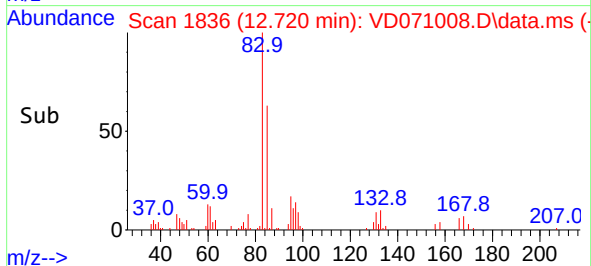
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



Tgt Ion: 83 Resp: 42608
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 62.9 32.0 96.2

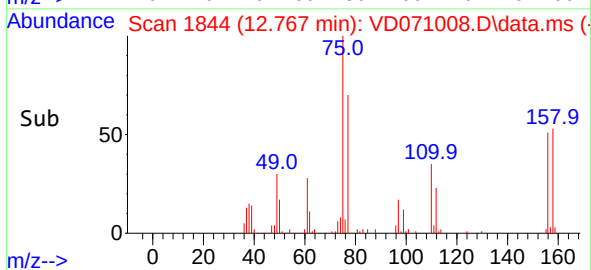
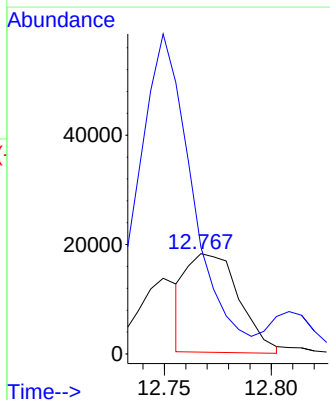
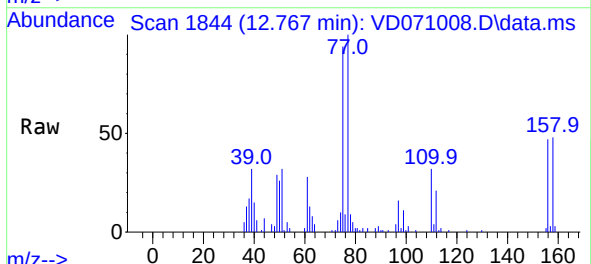
Manual Integrations
APPROVED

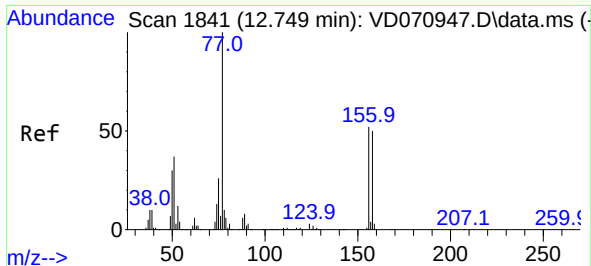
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 19.084 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.018 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

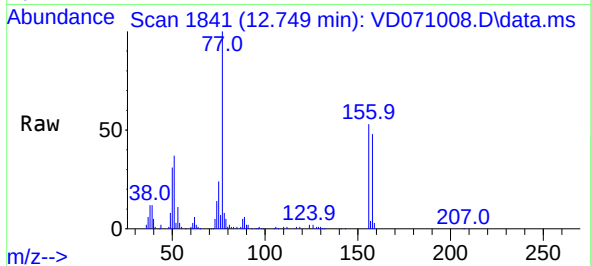
Tgt Ion: 75 Resp: 30837
Ion Ratio Lower Upper
75 100
77 337.7 158.4 475.3





#77
Bromobenzene
Concen: 17.364 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

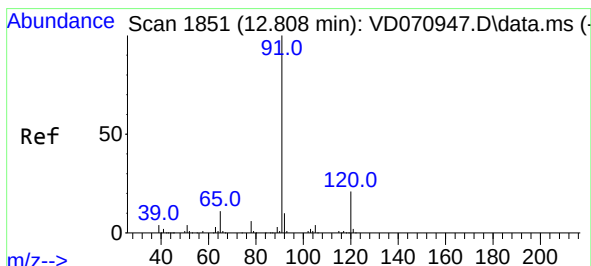
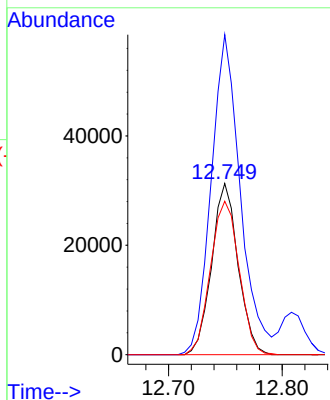
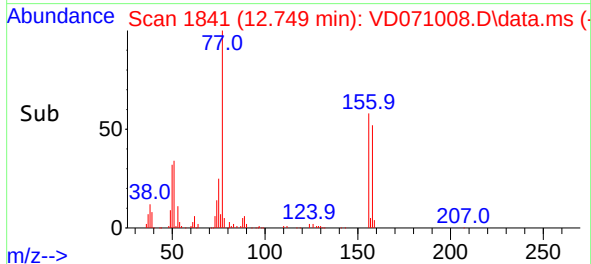
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



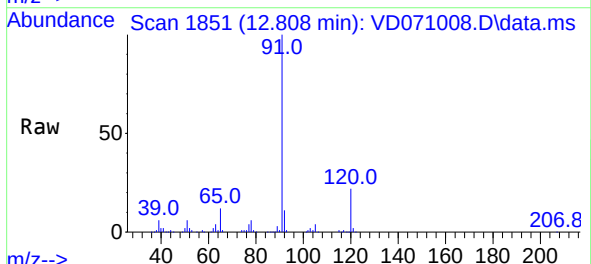
Tgt Ion:156 Resp: 50558
Ion Ratio Lower Upper
156 100
77 206.0 96.6 289.8
158 97.2 49.1 147.4

Manual Integrations
APPROVED

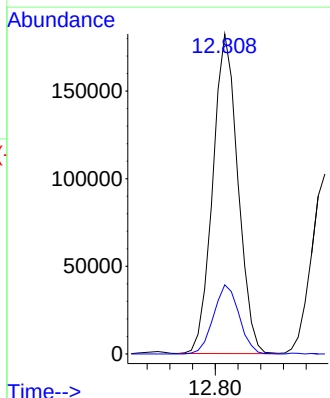
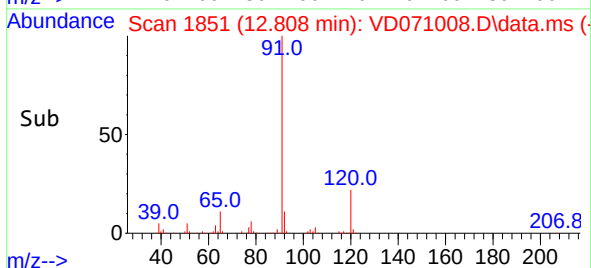
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

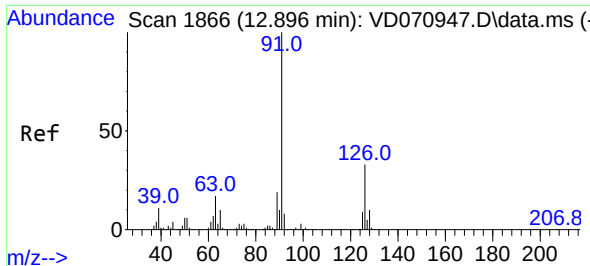


#78
n-propylbenzene
Concen: 16.619 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



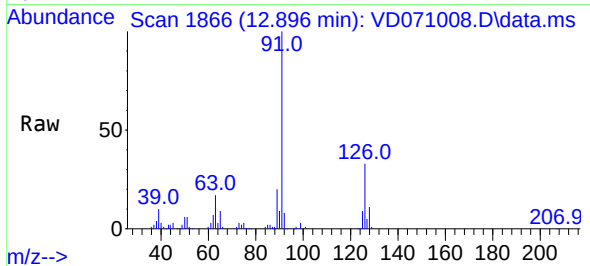
Tgt Ion: 91 Resp: 280622
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





#79
2-Chlorotoluene
Concen: 17.206 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

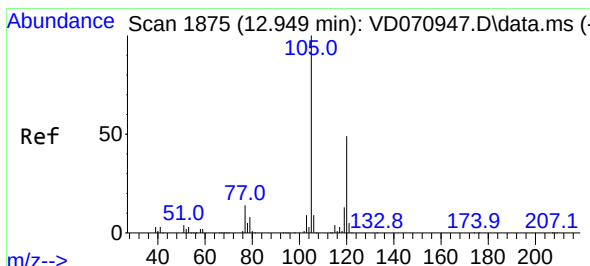
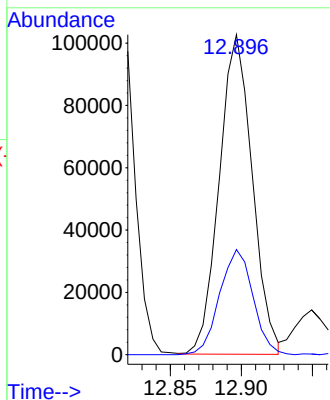
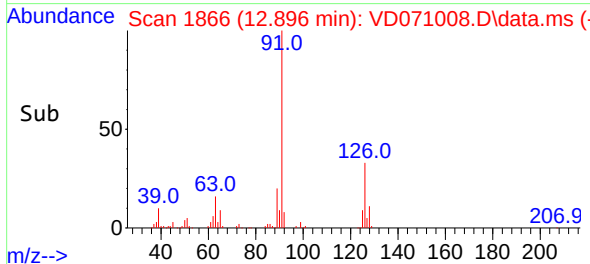
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



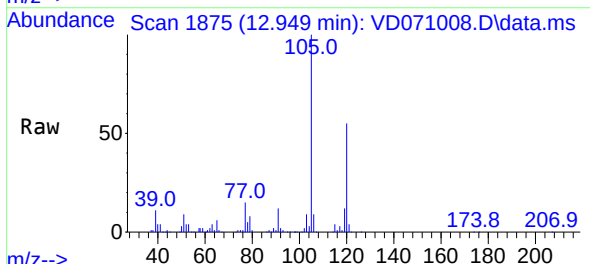
Tgt Ion: 91 Resp: 165650
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7

Manual Integrations
APPROVED

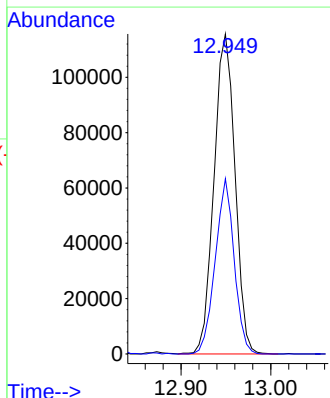
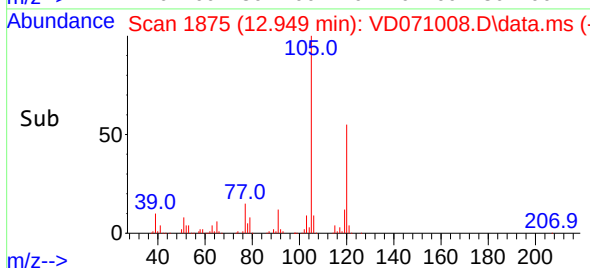
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

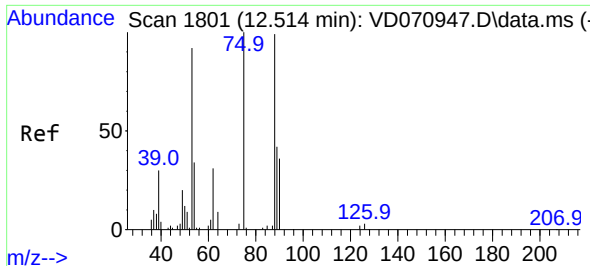


#80
1,3,5-Trimethylbenzene
Concen: 16.739 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



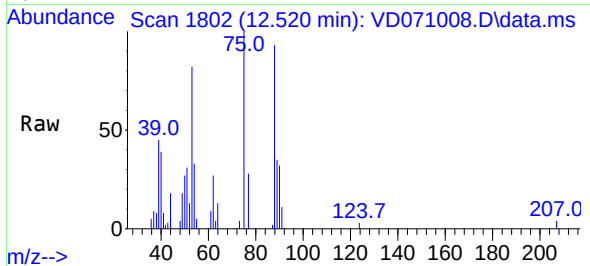
Tgt Ion:105 Resp: 187816
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.740 ug/l
RT: 12.520 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

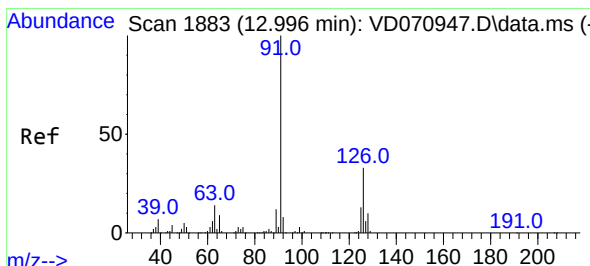
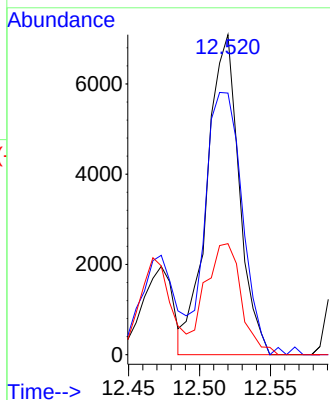
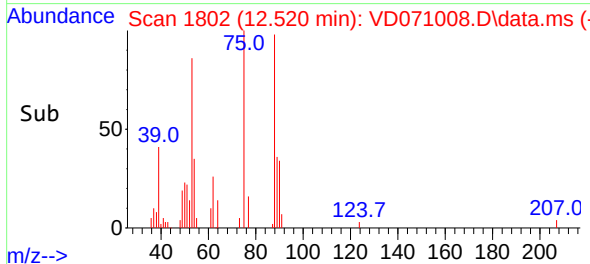
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS02



Tgt Ion: 75 Resp: 11130
Ion Ratio Lower Upper
75 100
53 94.0 62.6 94.0
89 38.8 34.5 51.7

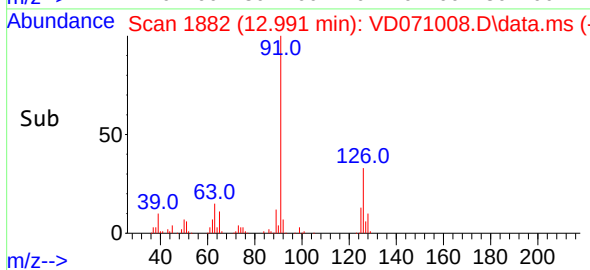
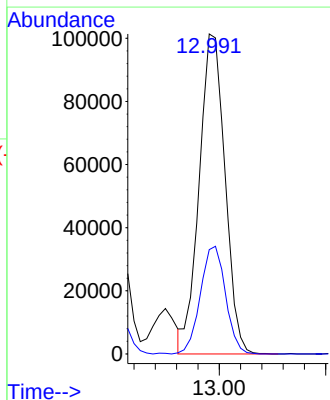
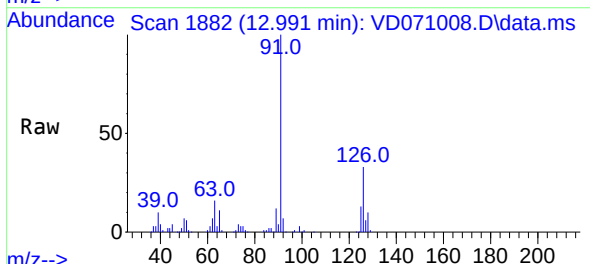
Manual Integrations
APPROVED

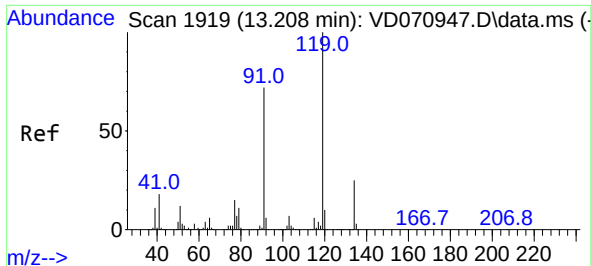
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 17.173 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

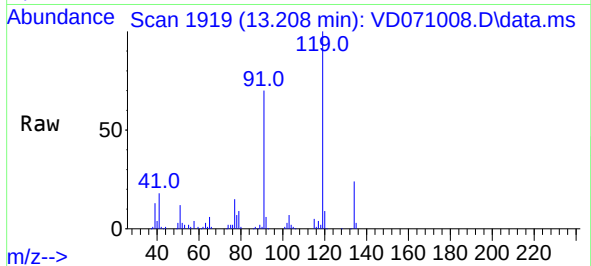
Tgt Ion: 91 Resp: 170643
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 16.556 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

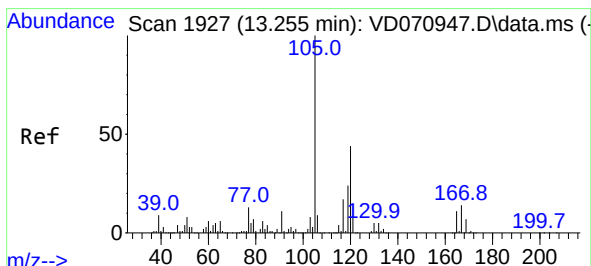
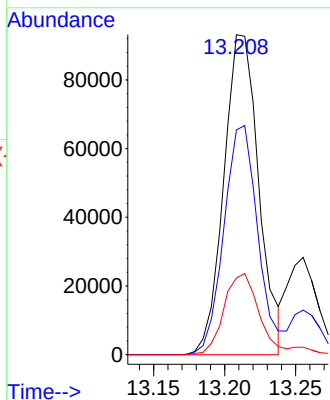
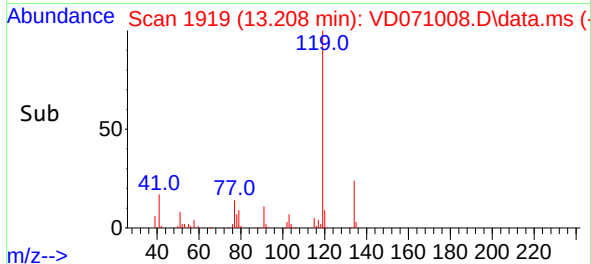
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



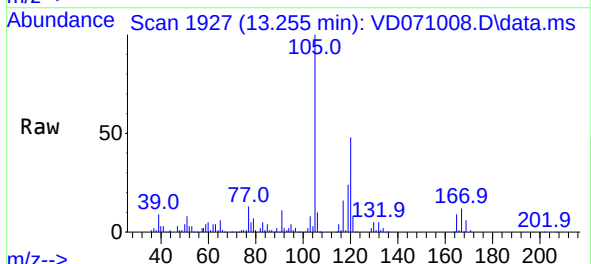
Tgt Ion:119 Resp: 160021
Ion Ratio Lower Upper
119 100
91 70.5 32.5 97.5
134 26.6 13.2 39.6

Manual Integrations
APPROVED

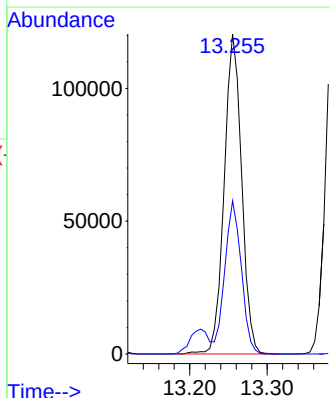
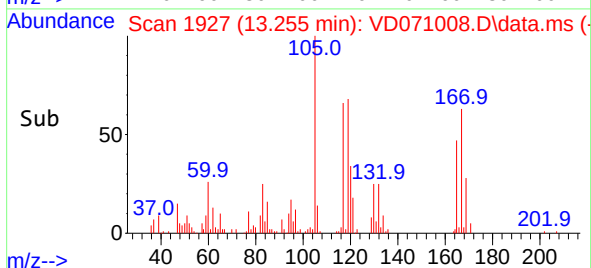
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

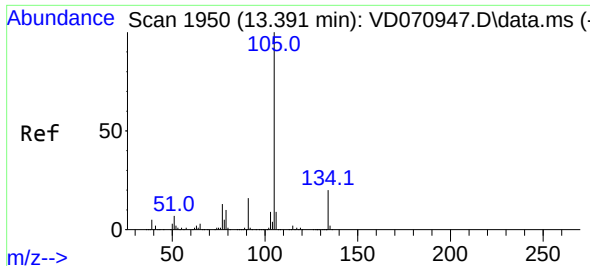


#84
1,2,4-Trimethylbenzene
Concen: 17.145 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



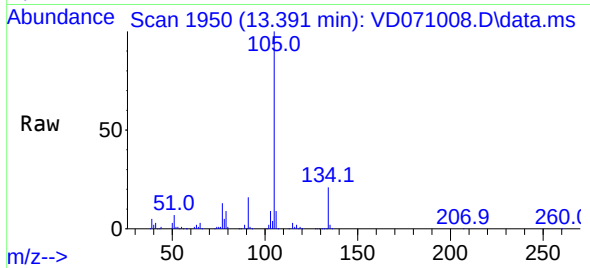
Tgt Ion:105 Resp: 188395
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 16.528 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071008.D
 Acq: 12 Nov 2021 02:47

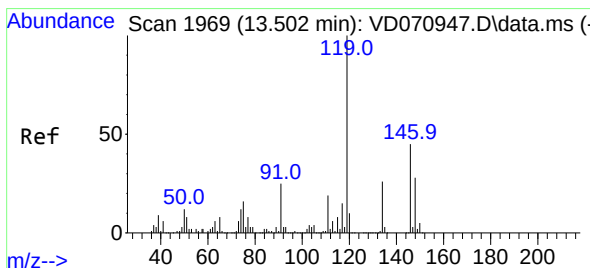
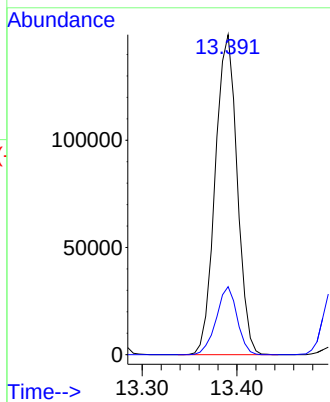
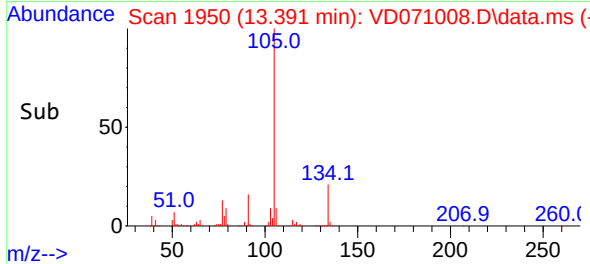
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD02



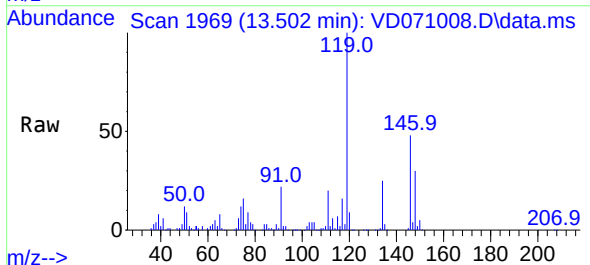
Tgt Ion:105 Resp: 240174
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9

Manual Integrations
 APPROVED

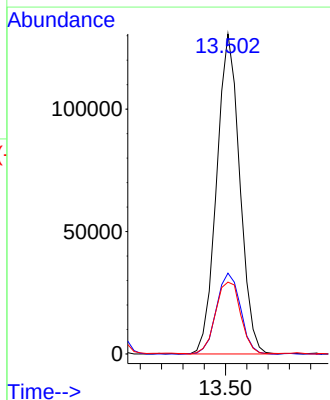
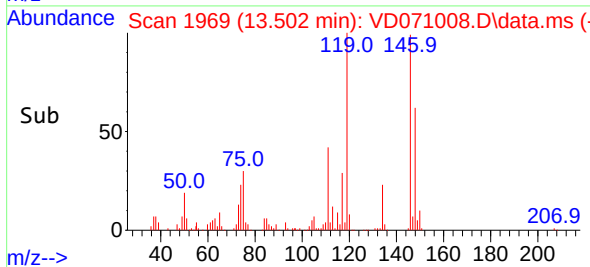
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

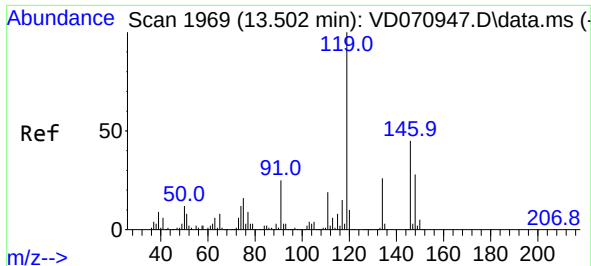


#86
 p-Isopropyltoluene
 Concen: 16.832 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071008.D
 Acq: 12 Nov 2021 02:47



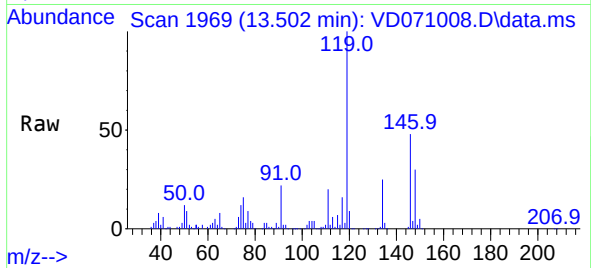
Tgt Ion:119 Resp: 196393
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.7 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 18.125 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

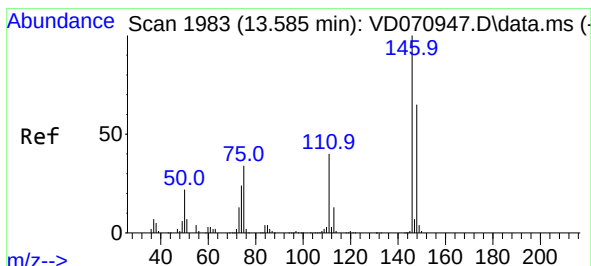
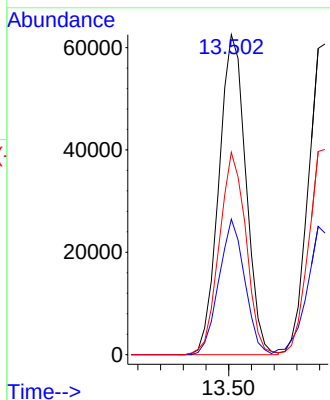
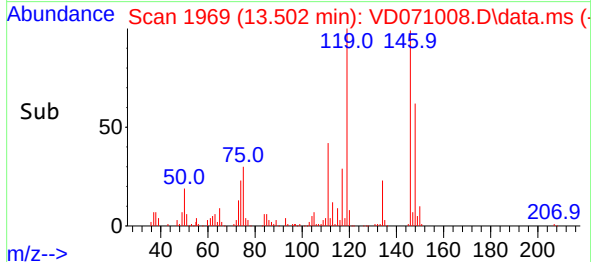
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



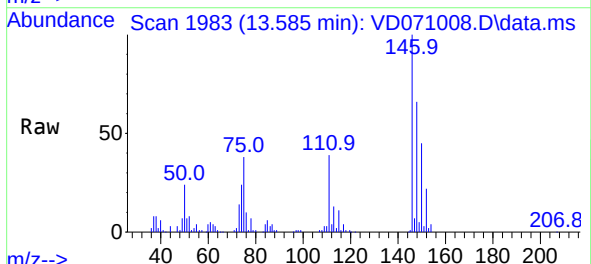
Tgt Ion:146 Resp: 10318
Ion Ratio Lower Upper
146 100
111 40.5 19.8 59.4
148 62.7 32.1 96.3

Manual Integrations
APPROVED

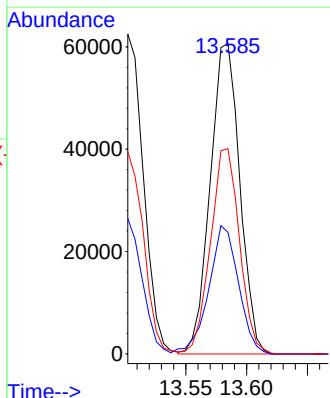
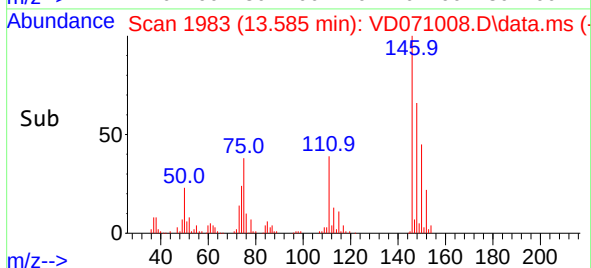
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

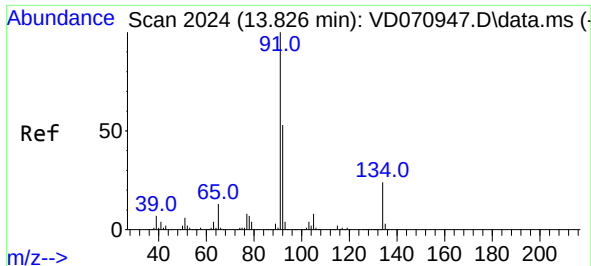


#88
1,4-Dichlorobenzene
Concen: 18.024 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion:146 Resp: 102736
Ion Ratio Lower Upper
146 100
111 41.5 19.6 58.8
148 64.9 31.5 94.5





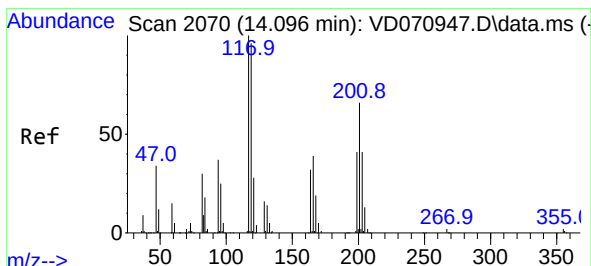
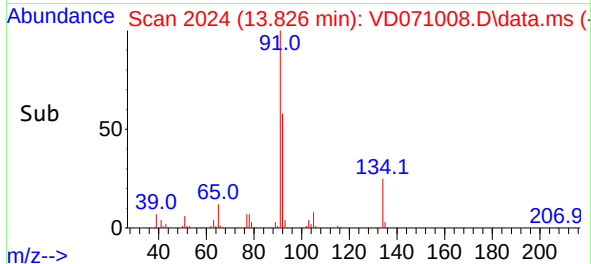
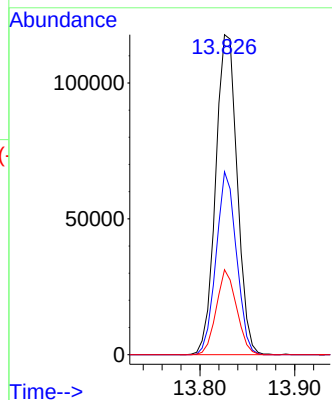
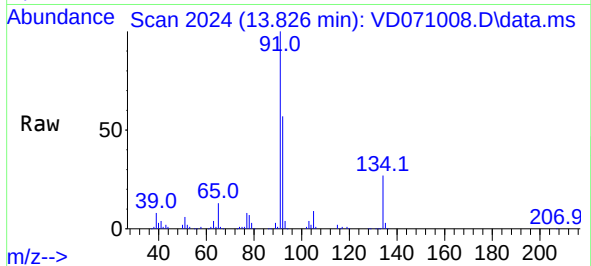
#89
n-Butylbenzene
Concen: 15.889 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion: 91 Resp: 18631
Ion Ratio Lower Upper
91 100
92 53.9 27.3 81.9
134 25.0 12.3 36.9

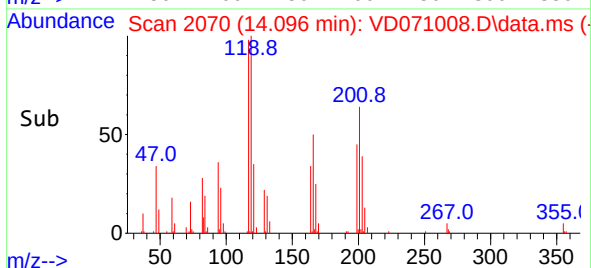
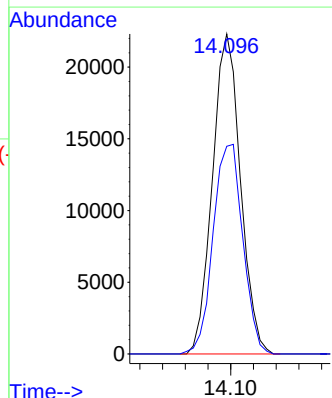
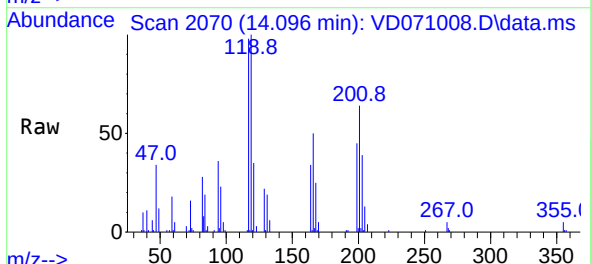
Manual Integrations
APPROVED

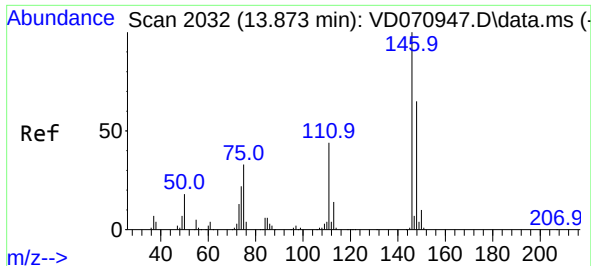
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 16.588 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Tgt Ion:117 Resp: 38300
Ion Ratio Lower Upper
117 100
201 69.2 36.0 108.1





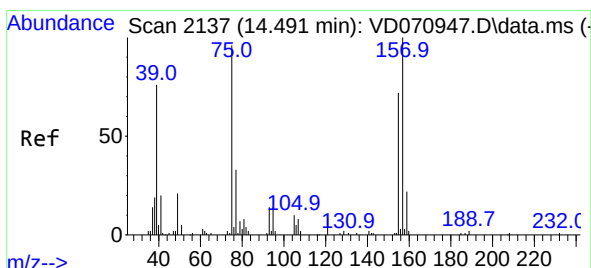
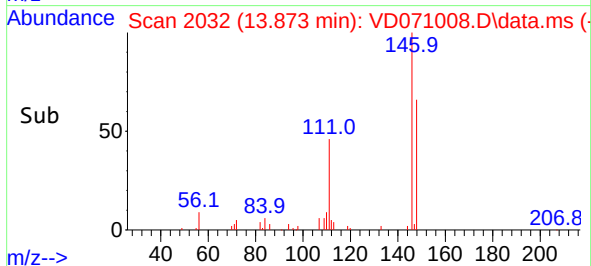
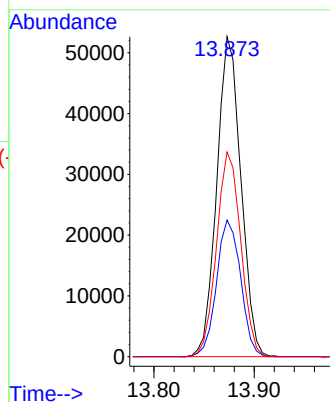
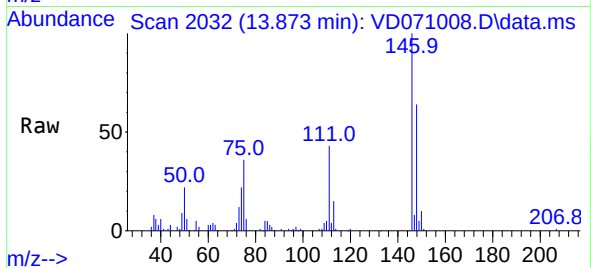
#91
1,2-Dichlorobenzene
Concen: 17.858 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02

Tgt Ion:146 Resp: 88090
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.2
148 64.2 31.7 95.1

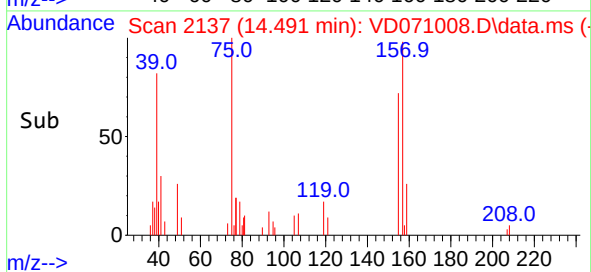
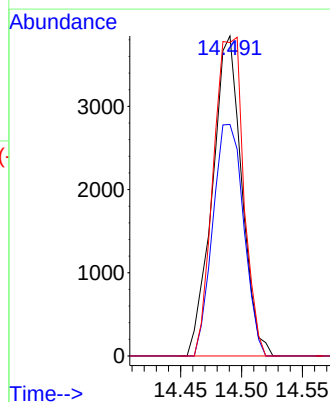
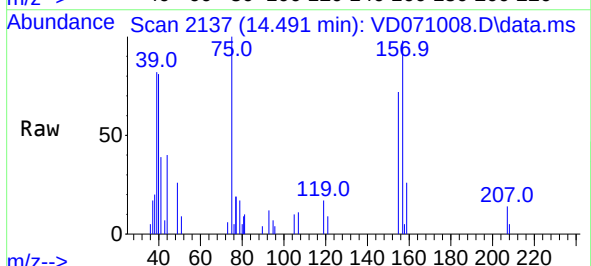
Manual Integrations
APPROVED

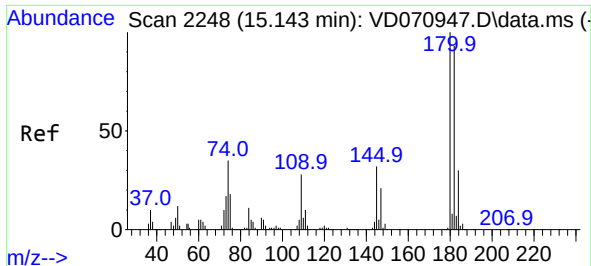
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.769 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

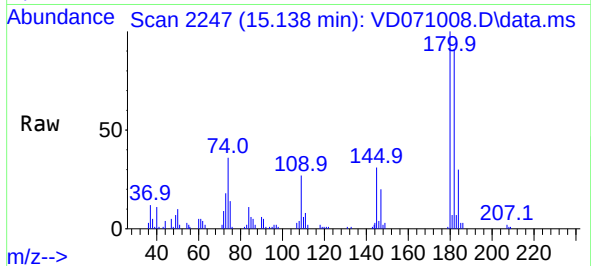
Tgt Ion: 75 Resp: 6451
Ion Ratio Lower Upper
75 100
155 75.9 40.0 120.0
157 102.5 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 17.128 ug/l
RT: 15.138 min Scan# 211
Delta R.T. -0.005 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

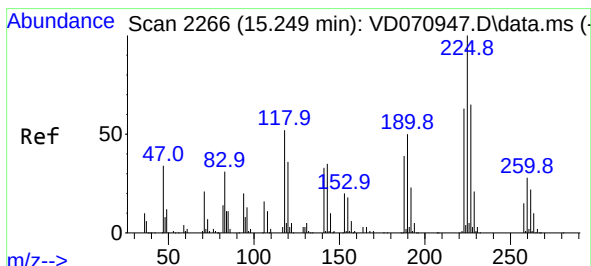
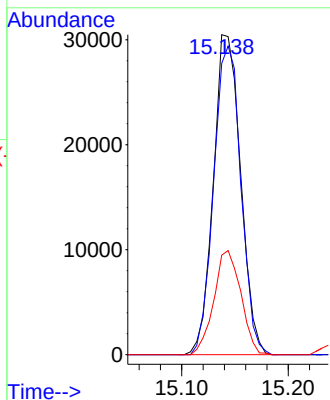
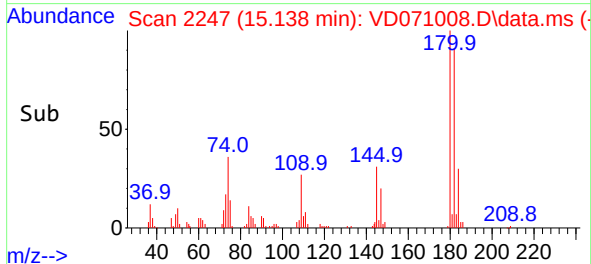
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS02



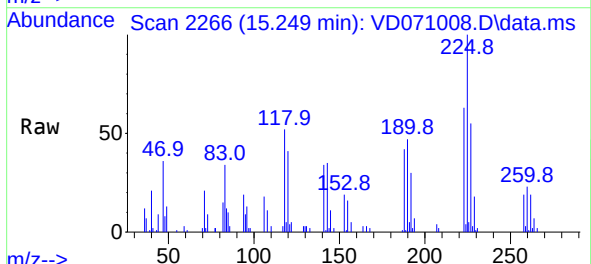
Tgt Ion:180 Resp: 54060
Ion Ratio Lower Upper
180 100
182 96.3 48.2 144.6
145 32.3 15.4 46.2

Manual Integrations
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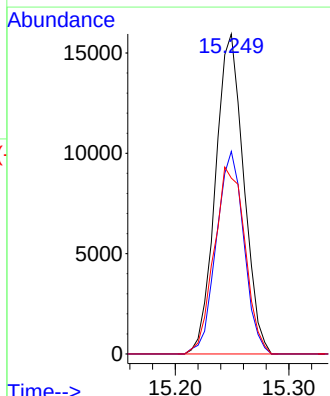
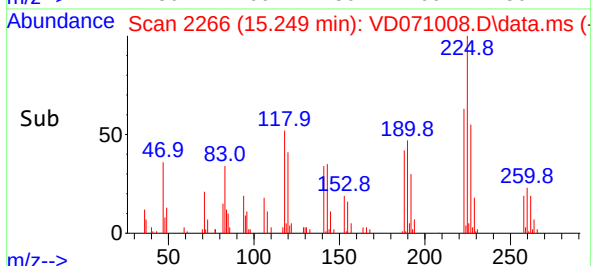
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

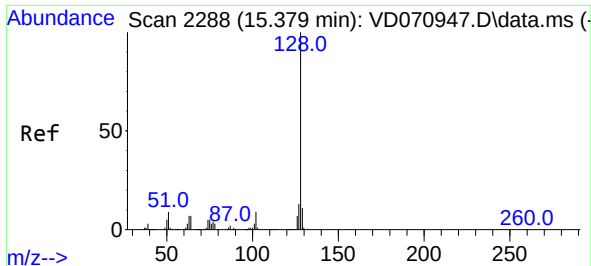


#94
Hexachlorobutadiene
Concen: 17.277 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



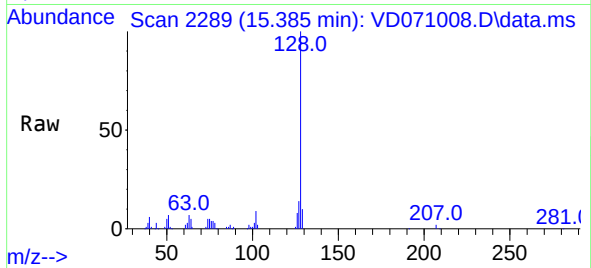
Tgt Ion:225 Resp: 27501
Ion Ratio Lower Upper
225 100
223 61.8 31.8 95.3
227 63.7 31.6 94.8





#95
Naphthalene
Concen: 17.320 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47

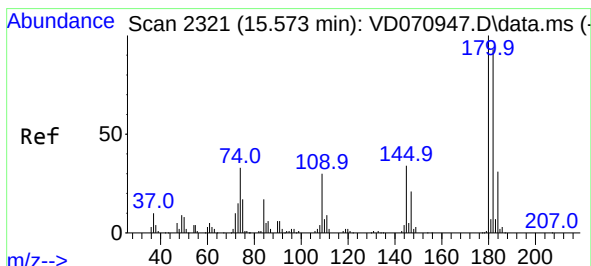
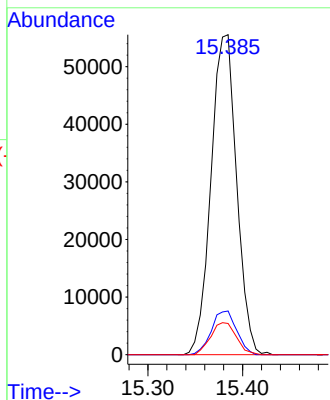
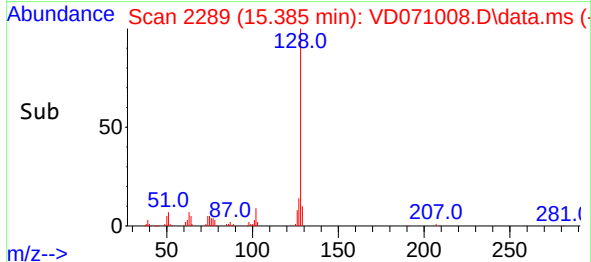
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD02



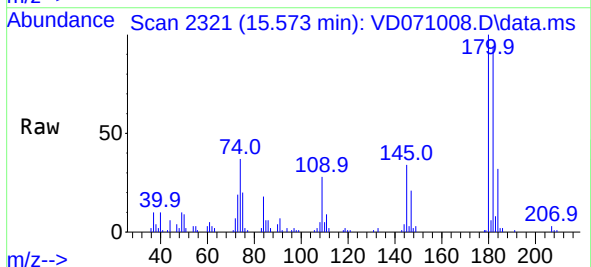
Tgt Ion:128 Resp: 104379
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.166 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD071008.D
Acq: 12 Nov 2021 02:47



Tgt Ion:180 Resp: 48208
Ion Ratio Lower Upper
180 100
182 94.6 46.7 140.1
145 33.8 15.9 47.6

