

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071047.D
 Acq On : 16 Nov 2021 17:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 03:25:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	240740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	416252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	376003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	168484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128881	50.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.914	113	123957	52.774	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.540%			
50) Toluene-d8	10.338	98	454242	49.382	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.760%			
62) 4-Bromofluorobenzene	12.626	95	159633	48.198	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	93588	45.501	ug/l	95
3) Chloromethane	2.209	50	133352	54.485	ug/l	99
4) Vinyl Chloride	2.350	62	144968	61.588	ug/l	100
5) Bromomethane	2.773	94	97766	60.937	ug/l	100
6) Chloroethane	2.920	64	99272	65.666	ug/l	88
7) Trichlorofluoromethane	3.279	101	202569	53.474	ug/l	97
8) Diethyl Ether	3.715	74	61296	48.892	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.103	101	119162	51.030	ug/l	96
10) Methyl Iodide	4.303	142	126060	45.732	ug/l	98
11) Tert butyl alcohol	5.214	59	59448	317.353	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	113359	49.588	ug/l	86
13) Acrolein	3.926	56	13021	226.934	ug/l	100
14) Allyl chloride	4.714	41	234577	49.265	ug/l #	84
15) Acrylonitrile	5.420	53	150995	251.696	ug/l	96
16) Acetone	4.156	43	150716	220.291	ug/l	91
17) Carbon Disulfide	4.415	76	333361	45.162	ug/l	98
18) Methyl Acetate	4.720	43	109180	49.650	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	305317	51.736	ug/l	100
20) Methylene Chloride	4.967	84	148173	50.851	ug/l #	86
21) trans-1,2-Dichloroethene	5.473	96	131119	50.041	ug/l	89
22) Diisopropyl ether	6.361	45	481226	50.836	ug/l	93
23) Vinyl Acetate	6.309	43	1164233	232.065	ug/l	98
24) 1,1-Dichloroethane	6.267	63	265048	52.422	ug/l	99
25) 2-Butanone	7.208	43	198642	224.340	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	214349	50.232	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	153079	51.108	ug/l	92
28) Bromochloromethane	7.550	49	113069	52.725	ug/l	88
29) Tetrahydrofuran	7.561	42	125701	241.365	ug/l	93
30) Chloroform	7.708	83	260863	54.267	ug/l	99
31) Cyclohexane	7.985	56	234979	44.578	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	223446	54.121	ug/l	95
36) 1,1-Dichloropropene	8.114	75	197038	53.017	ug/l	97
37) Ethyl Acetate	7.291	43	91045	53.695	ug/l #	93
38) Carbon Tetrachloride	8.097	117	184415	53.883	ug/l	96
39) Methylcyclohexane	9.355	83	239025	49.798	ug/l	99
40) Benzene	8.350	78	554035	52.934	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	58537	48.219	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	169911	57.314	ug/l	94
43) Isopropyl Acetate	8.450	43	182333	50.811	ug/l	91
44) Trichloroethene	9.114	130	141411	52.418	ug/l	97
45) 1,2-Dichloropropane	9.385	63	145575	51.430	ug/l	100
46) Dibromomethane	9.467	93	73217	54.344	ug/l	95
47) Bromodichloromethane	9.661	83	197803	55.506	ug/l	98
48) Methyl methacrylate	9.450	41	90353	51.326	ug/l #	83
49) 1,4-Dioxane	9.461	88	16316	1045.209	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	454809	261.422	ug/l	91
52) Toluene	10.402	92	349210	52.929	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	186662	51.943	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	218991	51.678	ug/l #	78
55) 1,1,2-Trichloroethane	10.797	97	97745	52.786	ug/l	92
56) Ethyl methacrylate	10.655	69	133684	51.025	ug/l #	75
57) 1,3-Dichloropropane	10.944	76	179791	53.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	303768	223.021	ug/l	99
59) 2-Hexanone	10.979	43	310922	229.909	ug/l	90
60) Dibromochloromethane	11.132	129	124522	56.055	ug/l	98
61) 1,2-Dibromoethane	11.238	107	95070	52.781	ug/l	97
64) Tetrachloroethene	10.873	164	116759	53.253	ug/l	95
65) Chlorobenzene	11.667	112	360402	53.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	130238	54.695	ug/l	99
67) Ethyl Benzene	11.738	91	675643	53.180	ug/l	99
68) m/p-Xylenes	11.849	106	511812	107.787	ug/l	97
69) o-Xylene	12.173	106	240887	53.334	ug/l	95
70) Styrene	12.185	104	411570	53.818	ug/l	97
71) Bromoform	12.349	173	66289	53.384	ug/l #	100
73) Isopropylbenzene	12.473	105	645652	53.193	ug/l	100
74) N-amyl acetate	12.279	43	171897	49.571	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	107194	51.309	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	105260m	73.138	ug/l	
77) Bromobenzene	12.749	156	142072	54.782	ug/l	99
78) n-propylbenzene	12.814	91	798988	53.125	ug/l	99
79) 2-Chlorotoluene	12.896	91	446081	52.018	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	534375	53.471	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	31826	43.095	ug/l #	77
82) 4-Chlorotoluene	12.996	91	458898	51.851	ug/l	100
83) tert-Butylbenzene	13.214	119	454462	52.790	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	518394	52.966	ug/l	98
85) sec-Butylbenzene	13.390	105	695513	53.739	ug/l	99
86) p-Isopropyltoluene	13.508	119	570729	54.917	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	274826	54.199	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	270793	53.338	ug/l	97
89) n-Butylbenzene	13.832	91	563387	53.942	ug/l	99
90) Hexachloroethane	14.096	117	105002	51.057	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	235599	53.622	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17301	50.493	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	150187	53.426	ug/l	99
94) Hexachlorobutadiene	15.249	225	83179	58.670	ug/l	98
95) Naphthalene	15.385	128	277775	51.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	127878	54.102	ug/l	98

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ClientSampleId :
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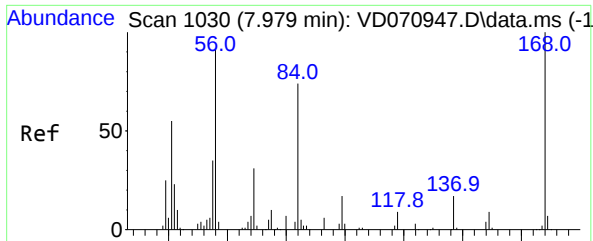
Manual Integrations
APPROVED

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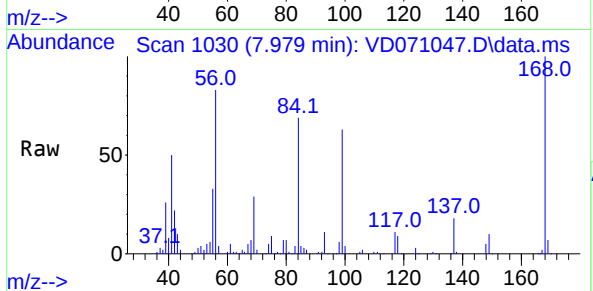
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071047.D
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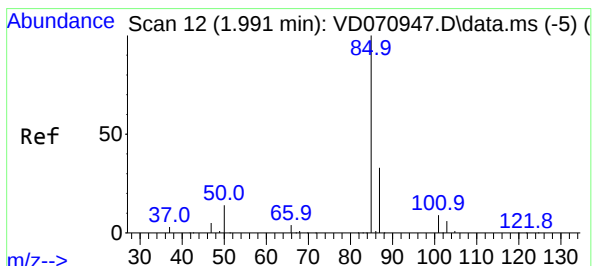
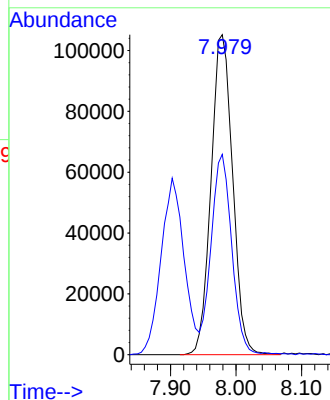
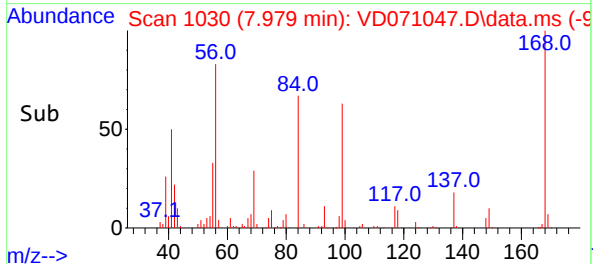
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



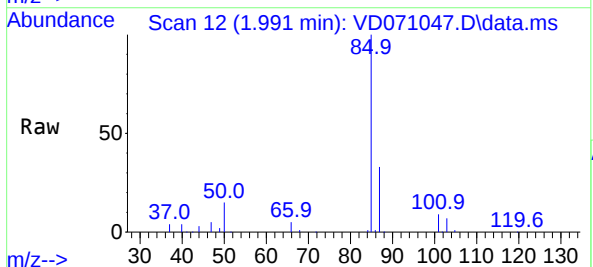
Tgt Ion:168 Resp: 240740
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8

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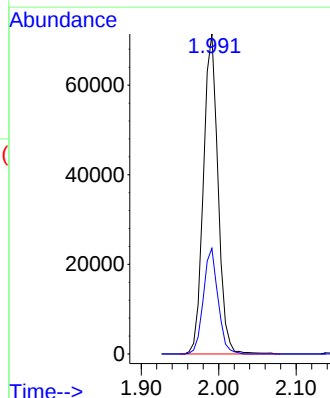
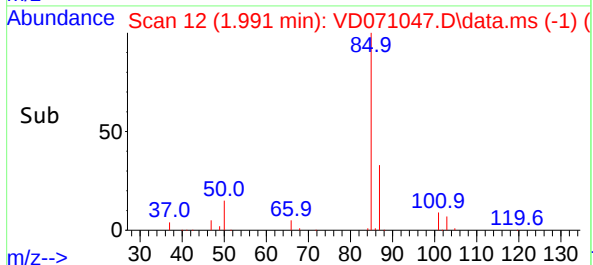
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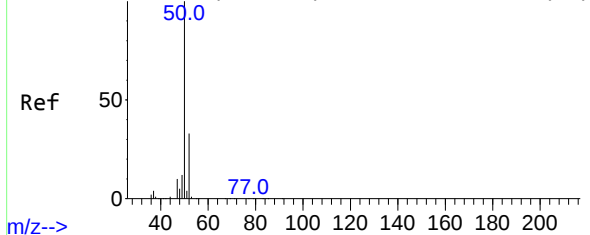
#2
Dichlorodifluoromethane
Concen: 45.501 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion: 85 Resp: 93588
Ion Ratio Lower Upper
85 100
87 33.0 15.2 45.6

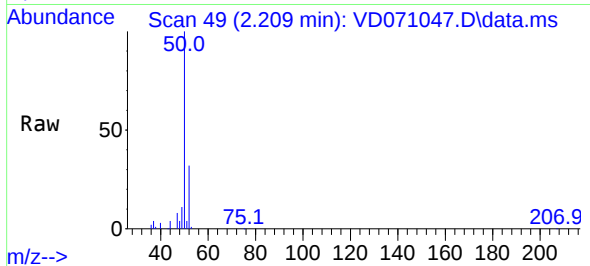


Abundance Scan 49 (2.209 min): VD070947.D\data.ms (-42)



#3
Chloromethane
Concen: 54.485 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

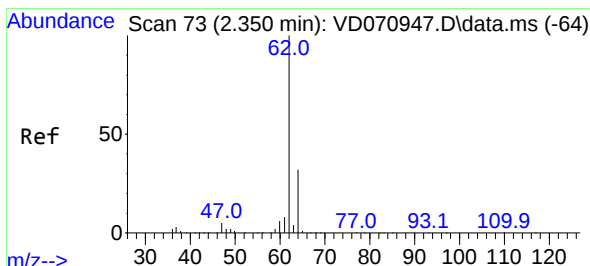
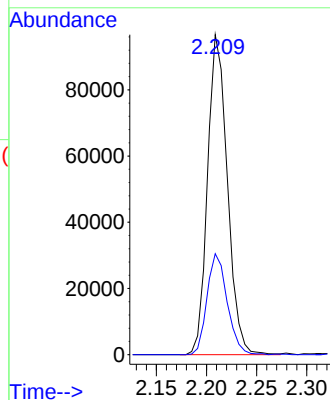
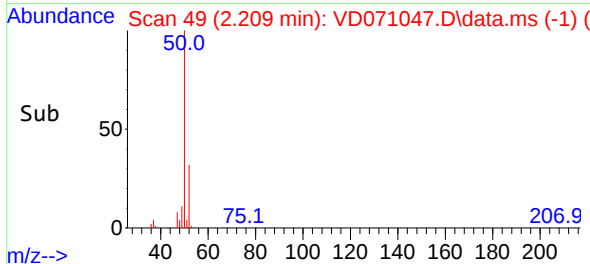
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 133352
Ion Ratio Lower Upper
50 100
52 31.5 25.8 38.8

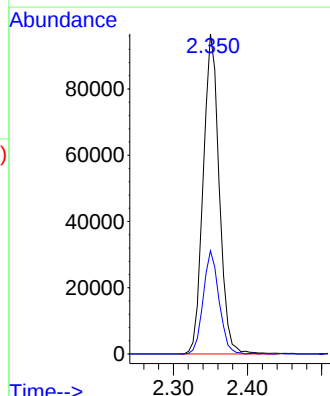
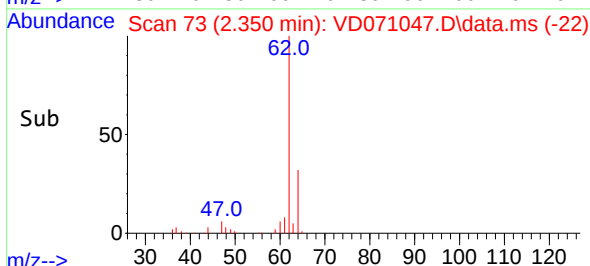
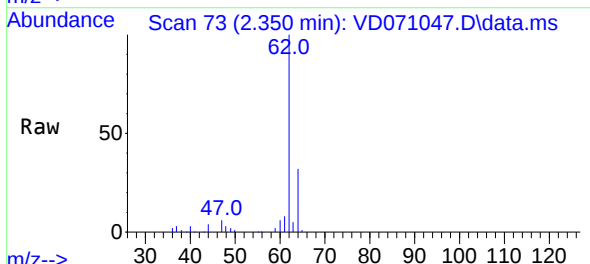
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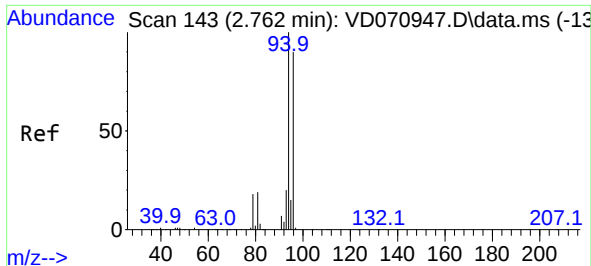
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 61.588 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

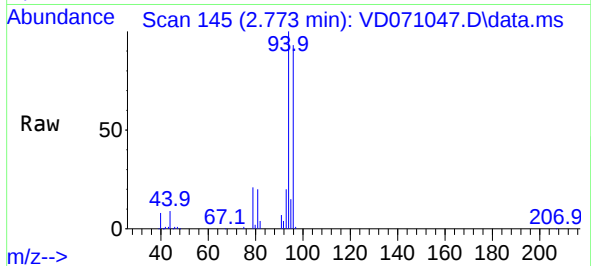
Tgt Ion: 62 Resp: 144968
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 60.937 ug/l
RT: 2.773 min Scan# 143
Delta R.T. 0.011 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

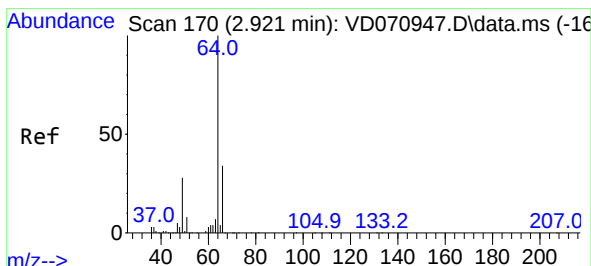
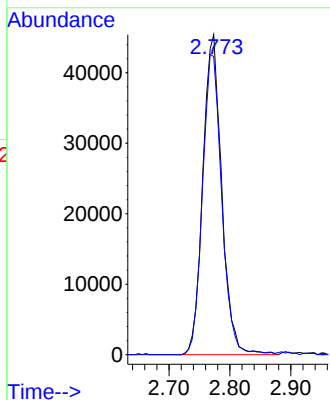
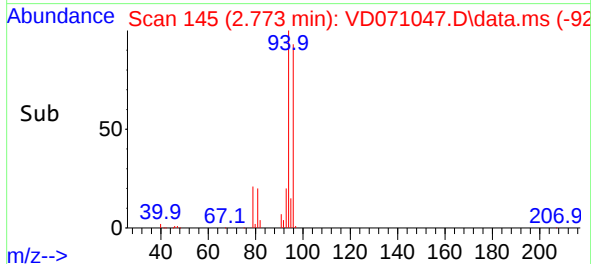
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Tgt Ion: 94 Resp: 97760
Ion Ratio Lower Upper
94 100
96 93.1 74.8 112.2

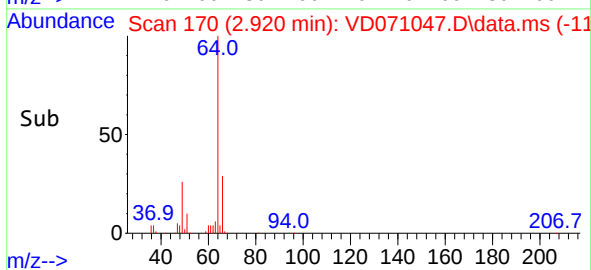
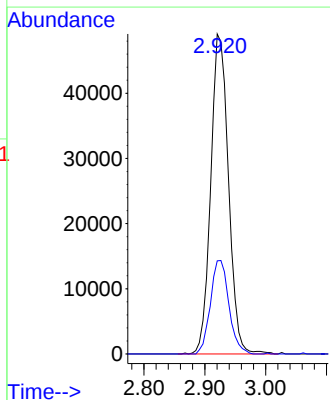
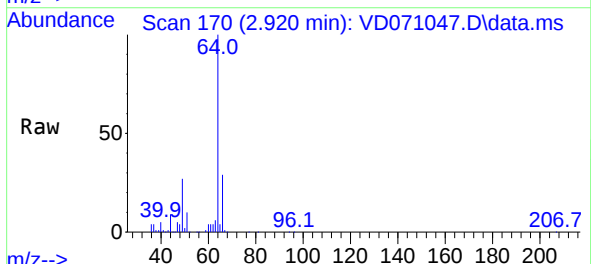
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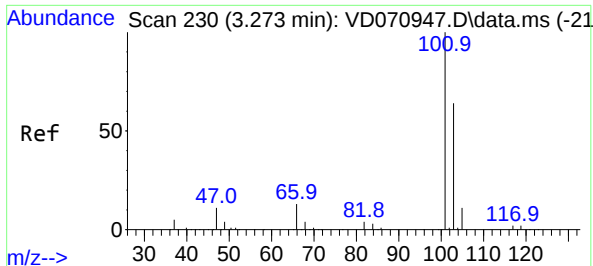
Reviewed By :Vimala Arumugam 11/17/2021
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#6
Chloroethane
Concen: 65.666 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

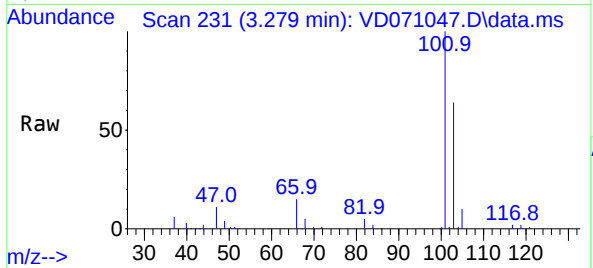
Tgt Ion: 64 Resp: 99272
Ion Ratio Lower Upper
64 100
66 29.1 29.0 43.4





#7
Trichlorofluoromethane
Concen: 53.474 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

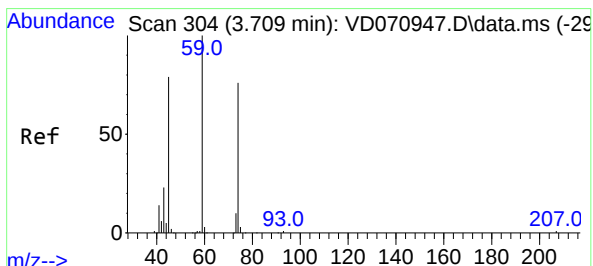
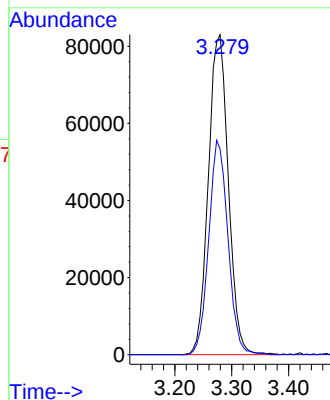
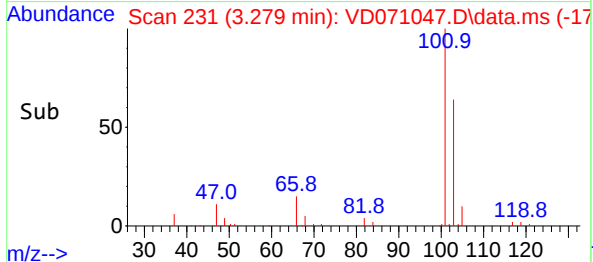
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 202569
Ion Ratio Lower Upper
101 100
103 64.3 49.7 74.5

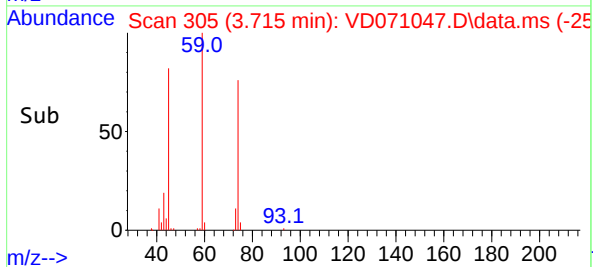
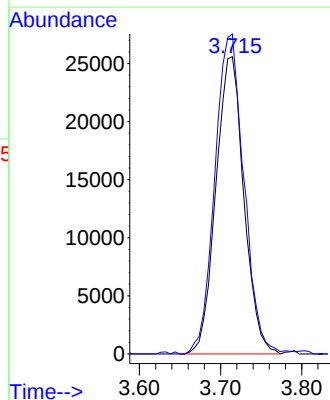
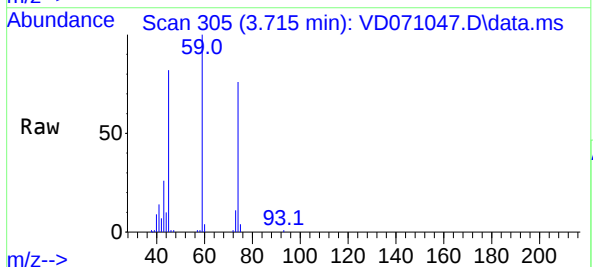
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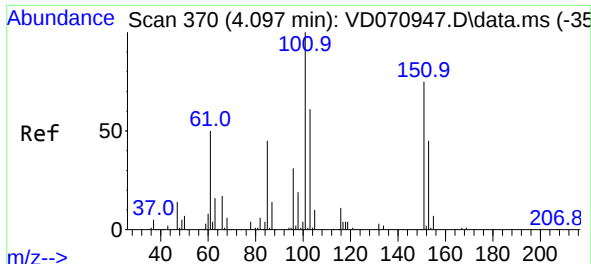
Reviewed By :Vimala Arumugam 11/17/2021
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#8
Diethyl Ether
Concen: 48.892 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071047.D
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Tgt Ion: 74 Resp: 61296
Ion Ratio Lower Upper
74 100
45 112.1 49.6 149.0





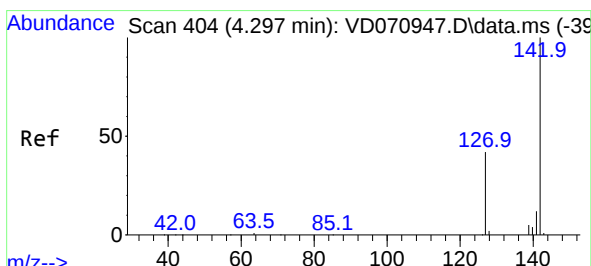
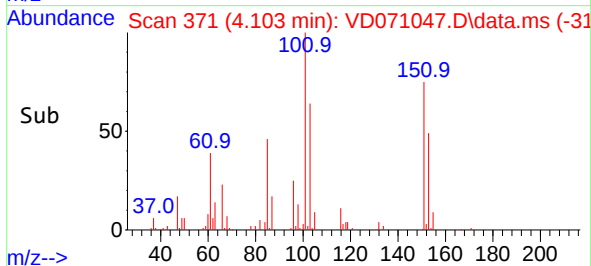
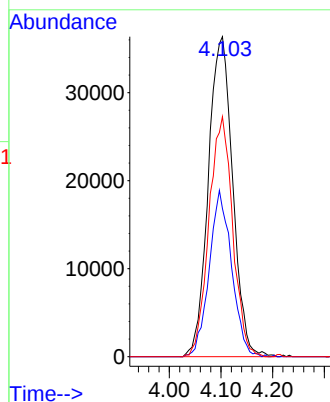
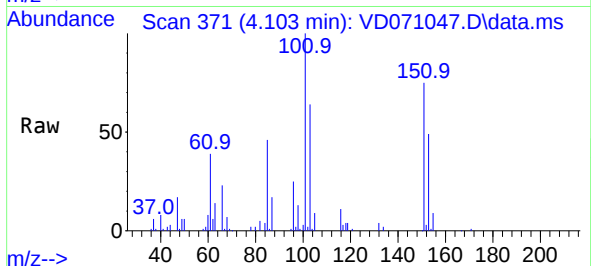
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.030 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11916
Ion Ratio Lower Upper
101 100
85 47.7 34.8 52.2
151 72.9 60.4 90.6

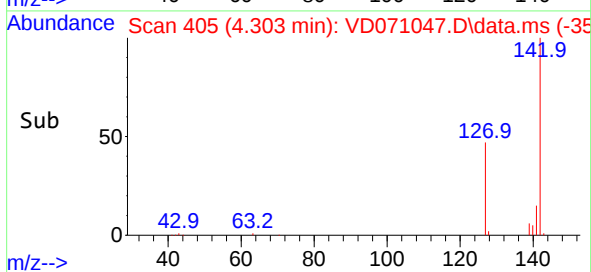
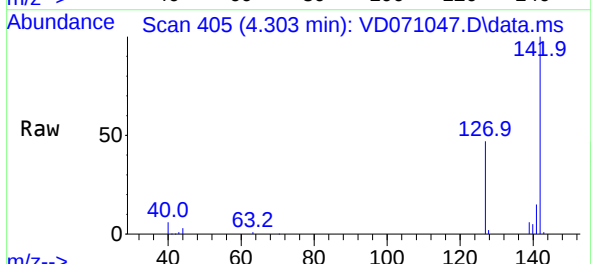
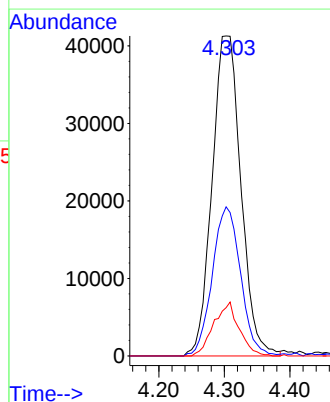
Manual Integrations
APPROVED

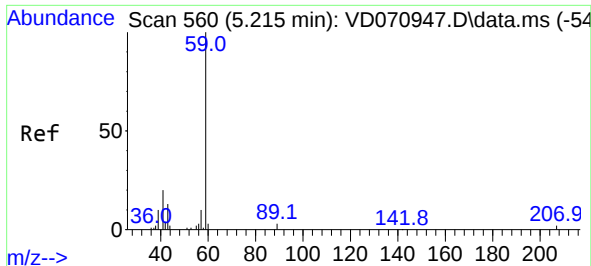
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 45.732 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

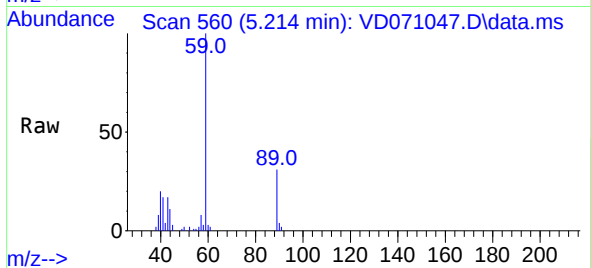
Tgt Ion:142 Resp: 126060
Ion Ratio Lower Upper
142 100
127 45.6 35.0 52.4
141 14.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 317.353 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

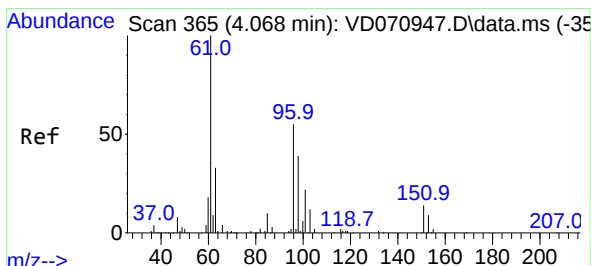
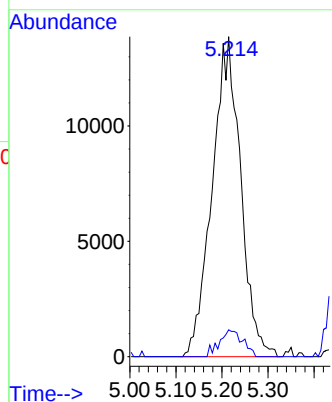
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



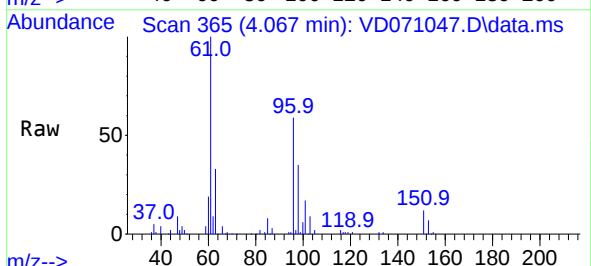
Tgt Ion: 59 Resp: 5944
Ion Ratio Lower Upper
59 100
57 6.9 9.0 13.4

Manual Integrations
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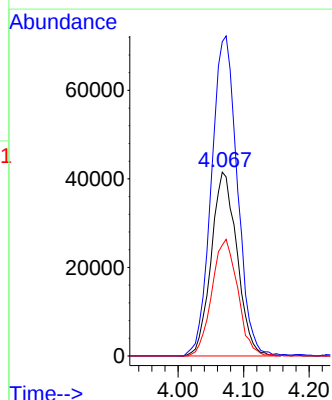
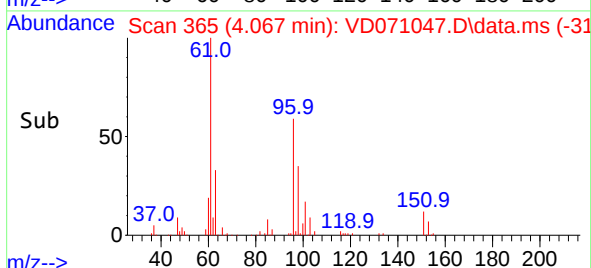
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

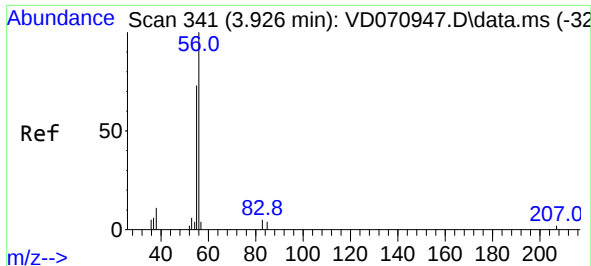


#12
1,1-Dichloroethene
Concen: 49.588 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



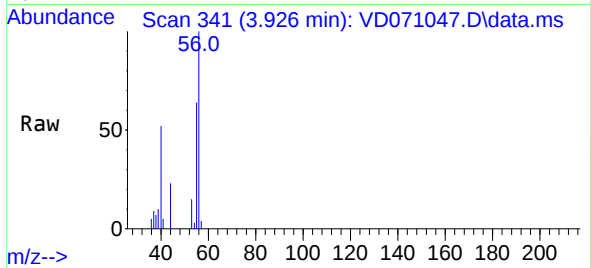
Tgt Ion: 96 Resp: 113359
Ion Ratio Lower Upper
96 100
61 170.9 120.3 180.5
98 60.3 54.4 81.6





#13
Acrolein
Concen: 226.934 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

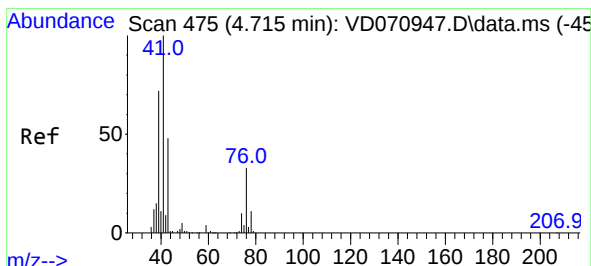
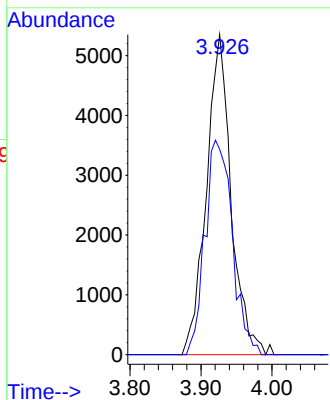
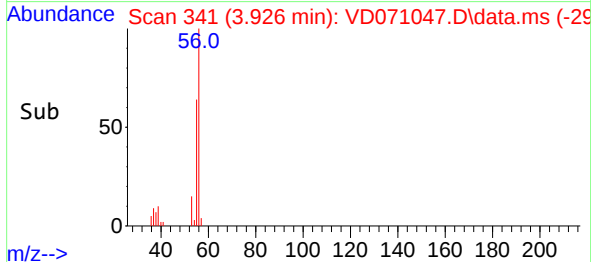
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



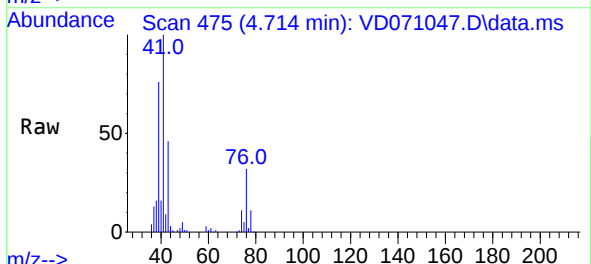
Tgt Ion: 56 Resp: 1302
Ion Ratio Lower Upper
56 100
55 73.6 58.6 87.8

Manual Integrations
APPROVED

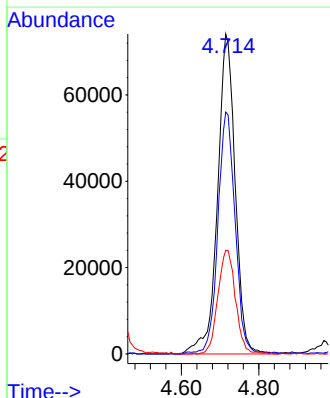
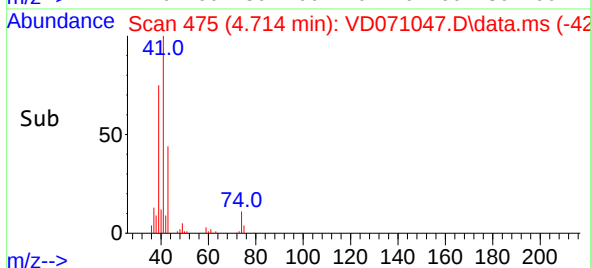
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

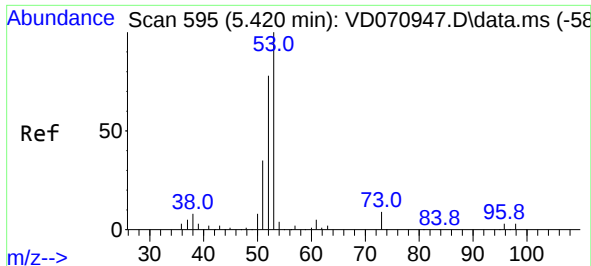


#14
Allyl chloride
Concen: 49.265 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



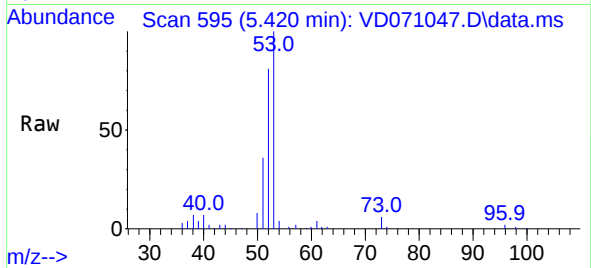
Tgt Ion: 41 Resp: 234577
Ion Ratio Lower Upper
41 100
39 71.7 45.6 68.4#
76 32.3 30.2 45.4





#15
Acrylonitrile
Concen: 251.696 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

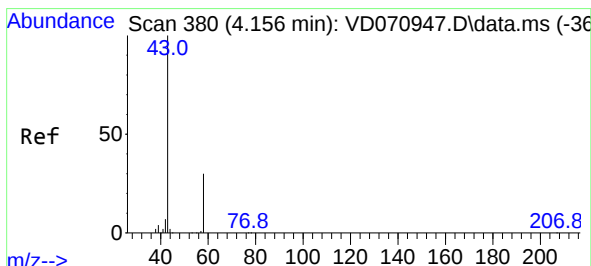
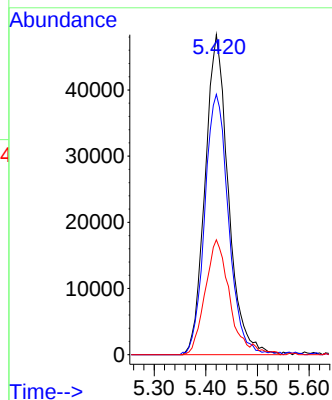
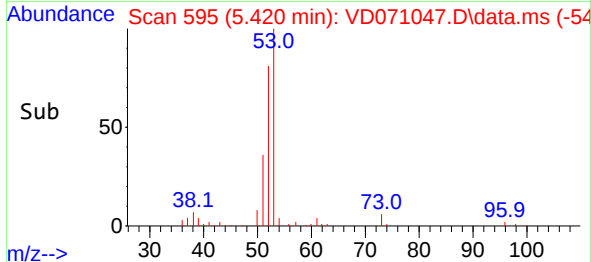
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



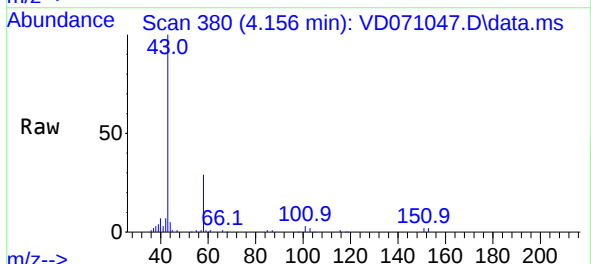
Tgt Ion: 53 Resp: 150998
Ion Ratio Lower Upper
53 100
52 83.4 63.8 95.8
51 38.2 28.5 42.7

Manual Integrations
APPROVED

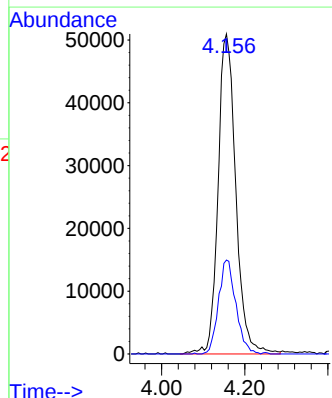
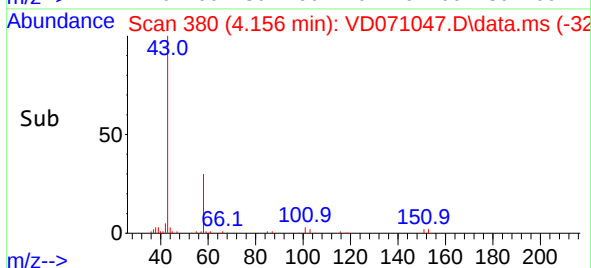
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

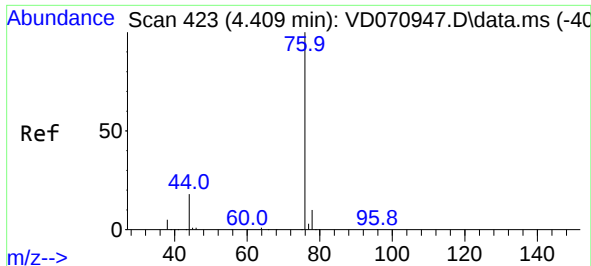


#16
Acetone
Concen: 220.291 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion: 43 Resp: 150716
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8





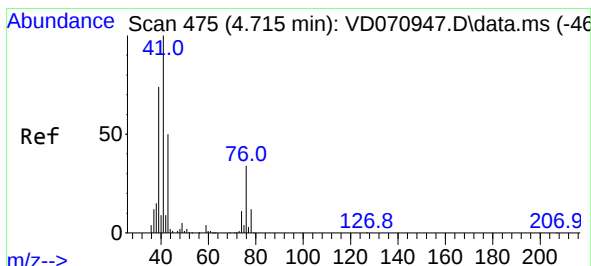
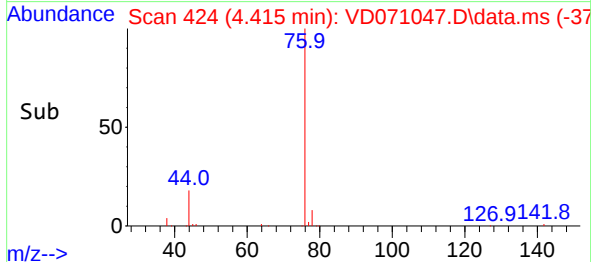
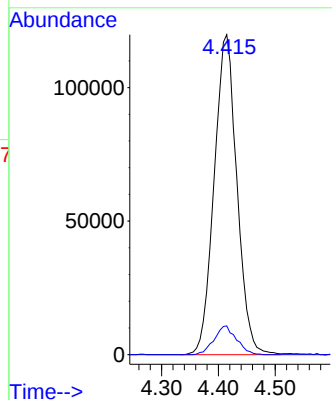
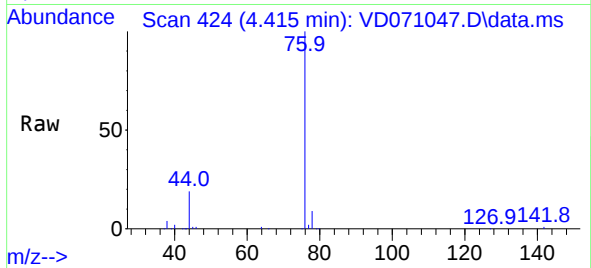
#17
Carbon Disulfide
Concen: 45.162 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 33336
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

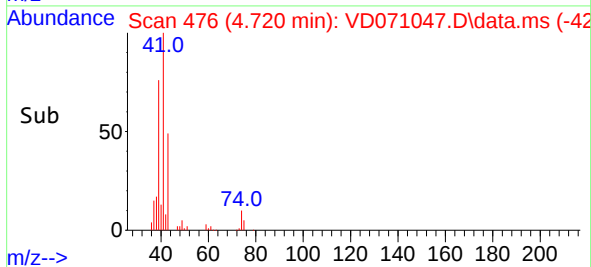
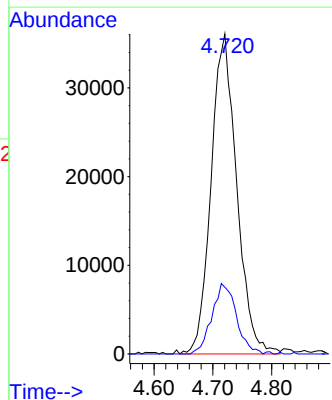
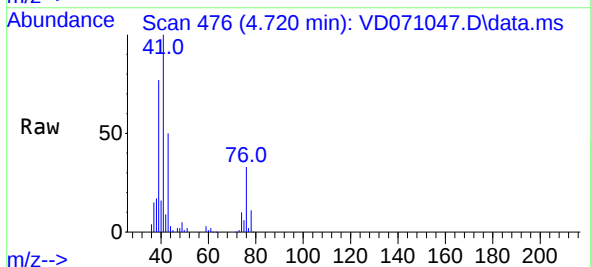
Manual Integrations
APPROVED

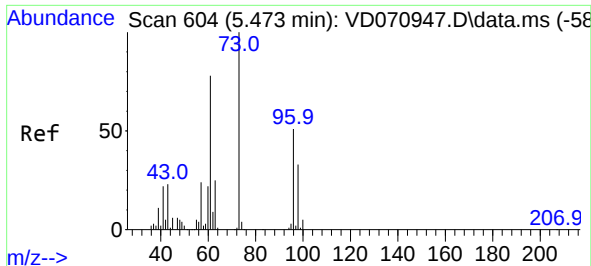
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 49.650 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 43 Resp: 109180
Ion Ratio Lower Upper
43 100
74 21.0 19.3 28.9





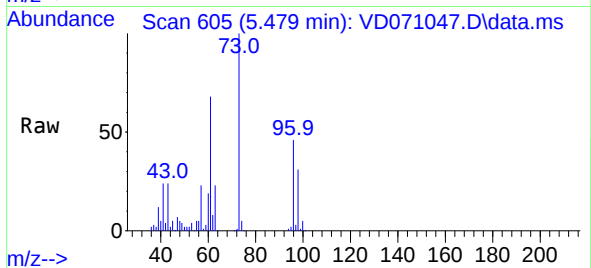
#19
Methyl tert-butyl Ether
Concen: 51.736 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

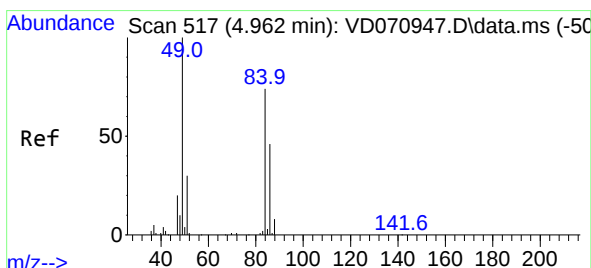
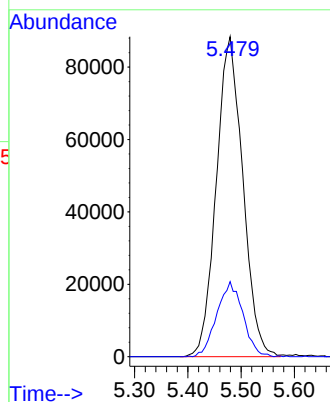
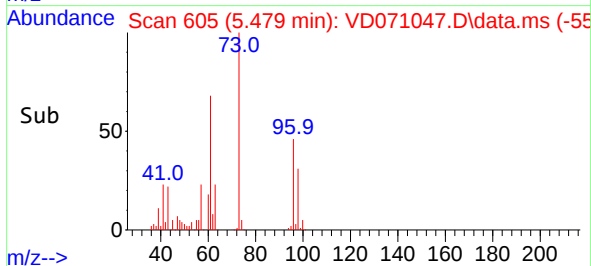


Tgt Ion: 73 Resp: 30531
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3

Manual Integrations

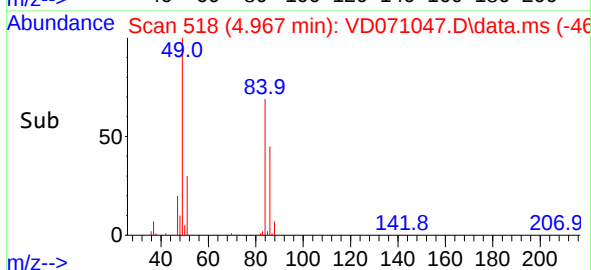
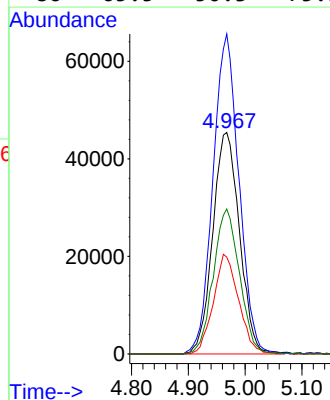
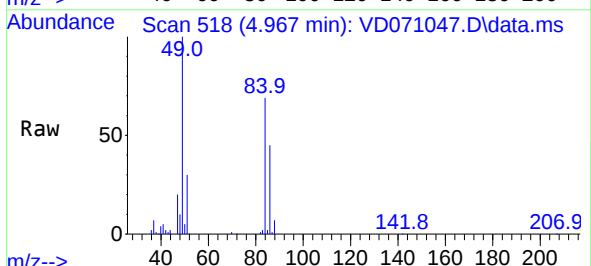
APPROVED

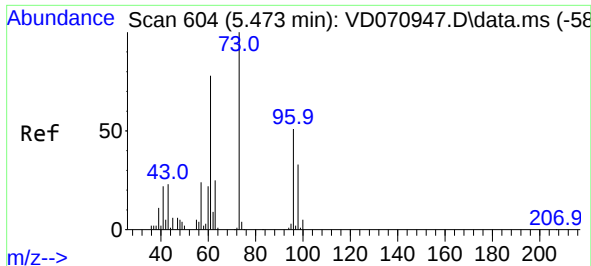
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 50.851 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

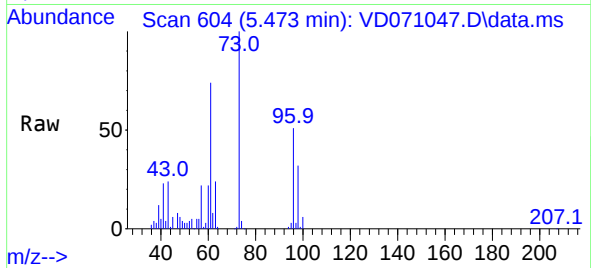
Tgt Ion: 84 Resp: 148173
Ion Ratio Lower Upper
84 100
49 144.5 95.8 143.6#
51 43.7 30.9 46.3
86 65.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.041 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

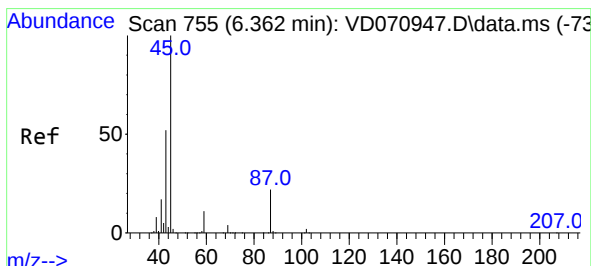
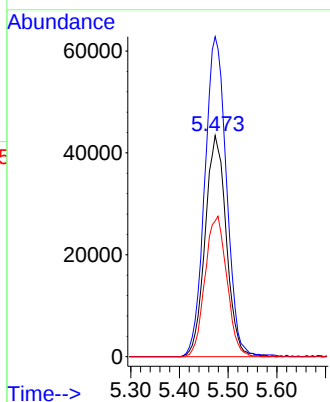
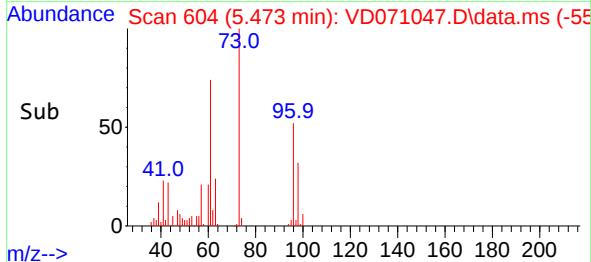
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



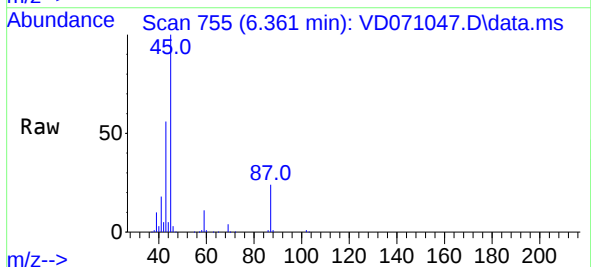
Tgt Ion: 96 Resp: 131119
Ion Ratio Lower Upper
96 100
61 144.8 102.1 153.1
98 61.4 50.1 75.1

Manual Integrations
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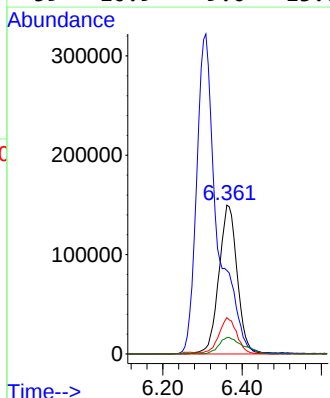
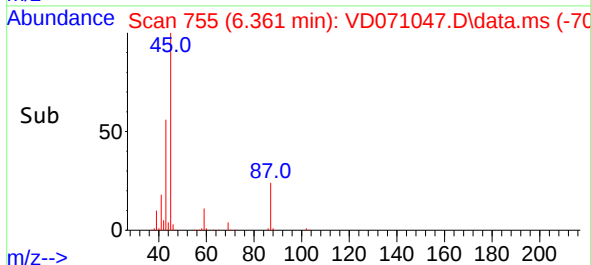
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

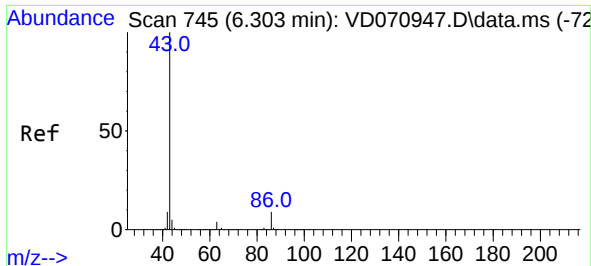


#22
Diisopropyl ether
Concen: 50.836 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



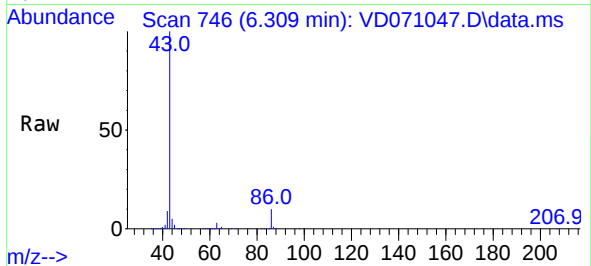
Tgt Ion: 45 Resp: 481226
Ion Ratio Lower Upper
45 100
43 56.0 39.6 59.4
87 24.3 21.2 31.8
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 232.065 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

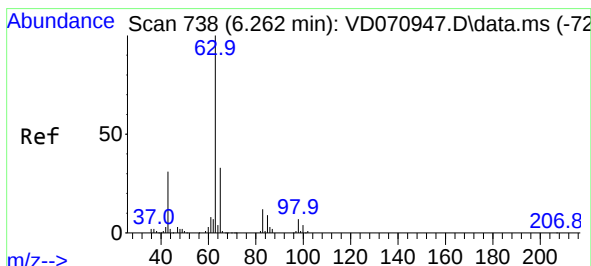
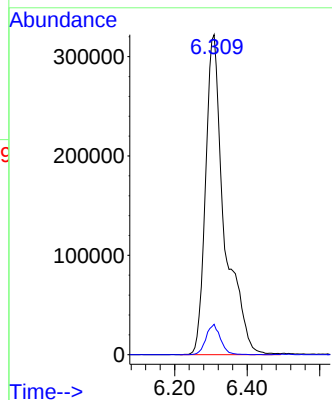
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 116423
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.4

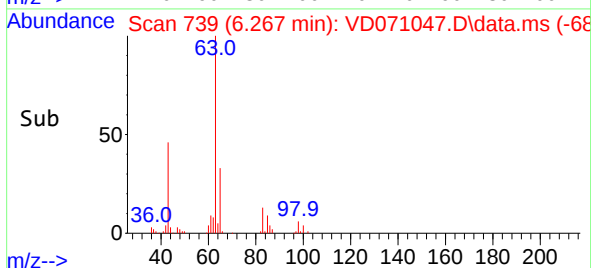
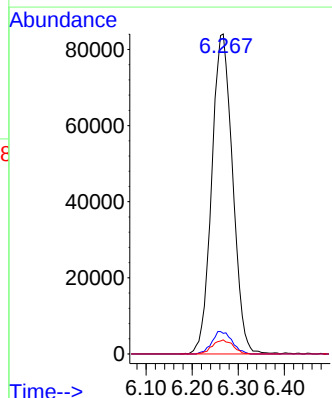
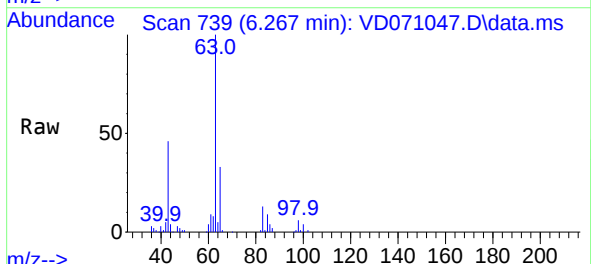
Manual Integrations
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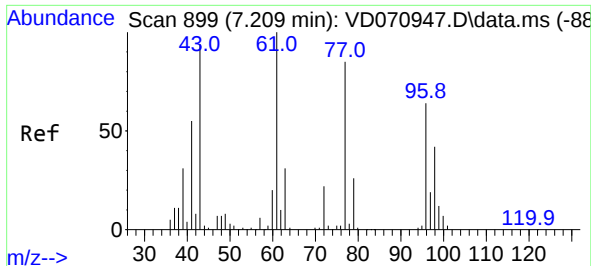
Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 52.422 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Tgt Ion: 63 Resp: 265048
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.4 2.1 6.3





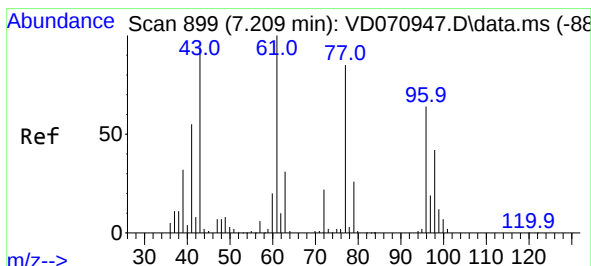
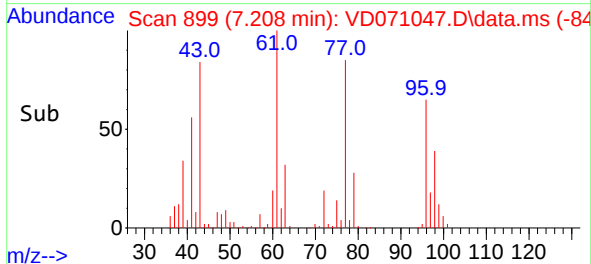
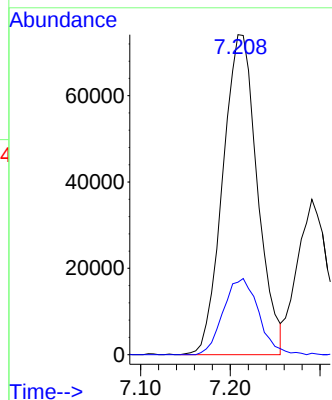
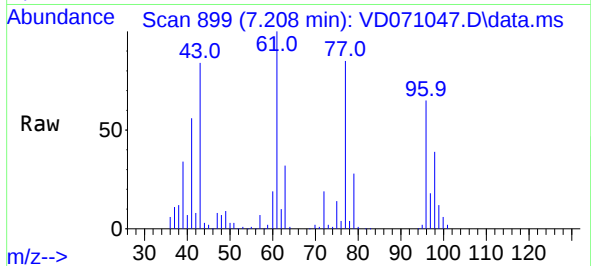
#25
2-Butanone
Concen: 224.340 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 198642
Ion Ratio Lower Upper
43 100
72 22.6 23.8 35.6

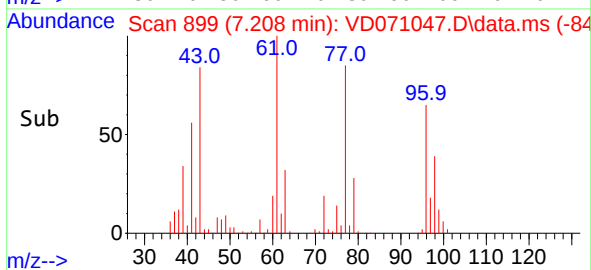
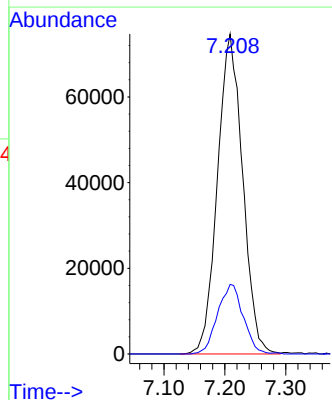
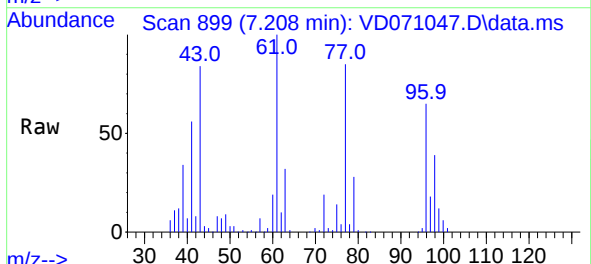
Manual Integrations
APPROVED

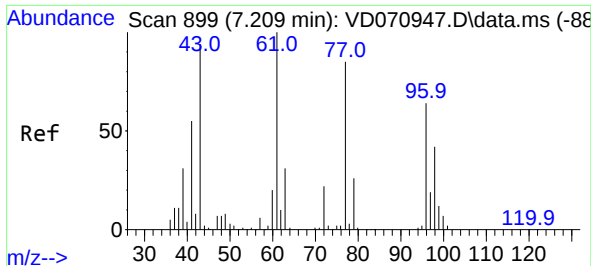
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 50.232 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

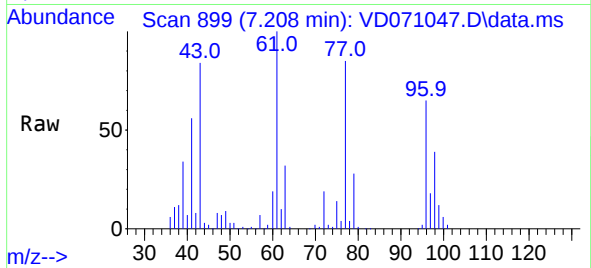
Tgt Ion: 77 Resp: 214349
Ion Ratio Lower Upper
77 100
97 22.2 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 51.108 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

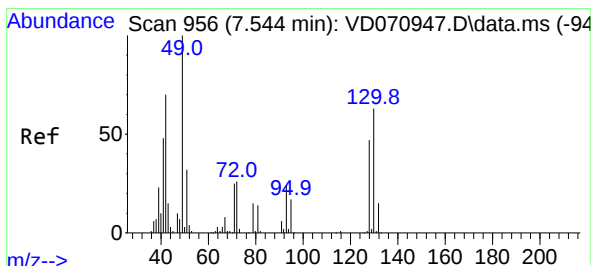
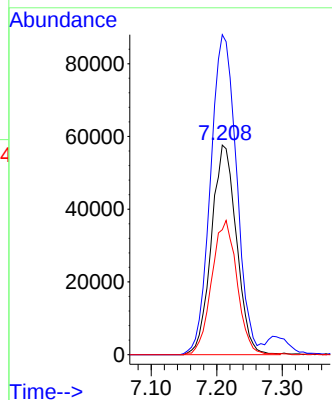
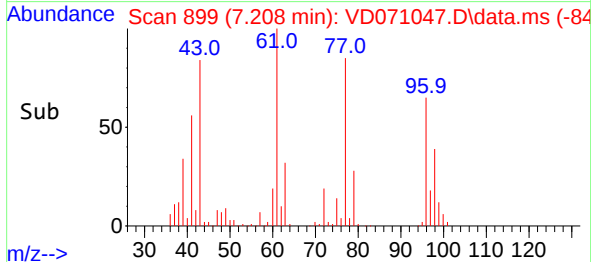
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 153079
Ion Ratio Lower Upper
96 100
61 159.2 0.0 288.6
98 64.3 0.0 129.2

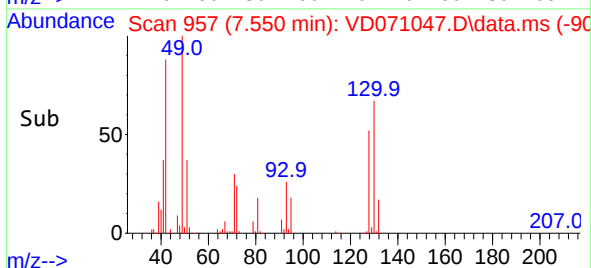
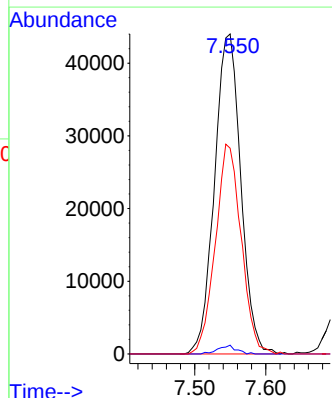
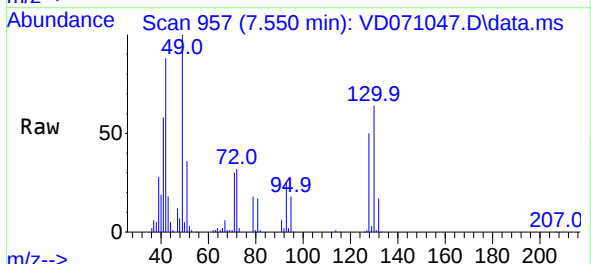
Manual Integrations
APPROVED

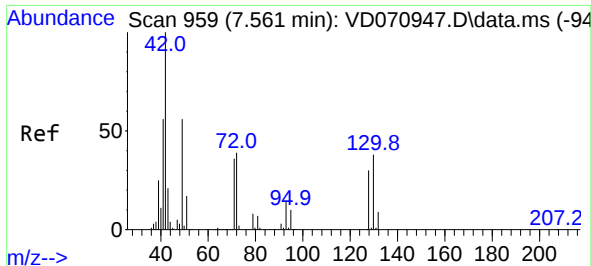
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 52.725 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

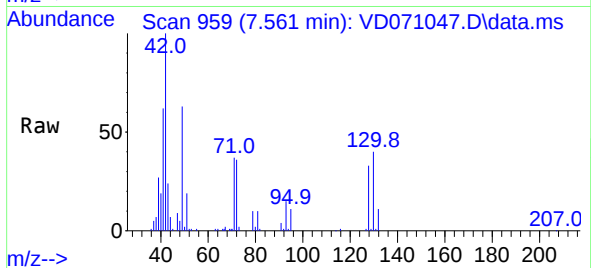
Tgt Ion: 49 Resp: 113069
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 64.3 60.2 90.2





#29
Tetrahydrofuran
Concen: 241.365 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

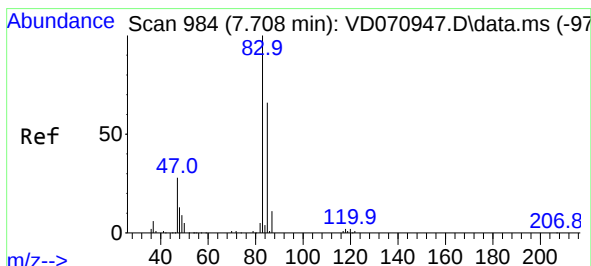
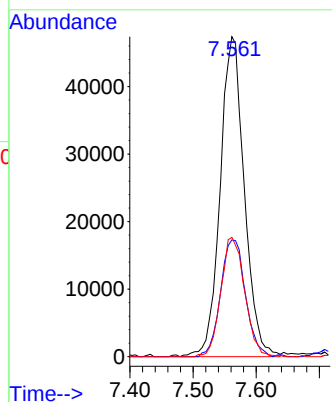
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



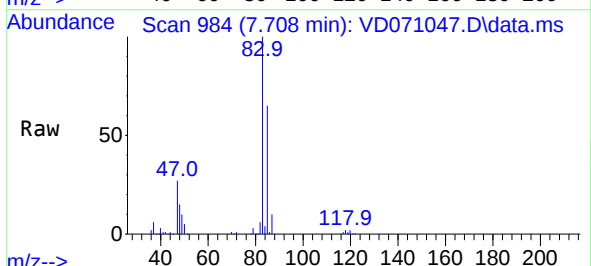
Tgt Ion: 42 Resp: 12570
Ion Ratio Lower Upper
42 100
72 37.6 33.7 50.5
71 36.8 32.7 49.1

Manual Integrations
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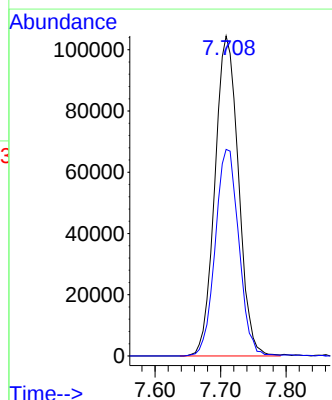
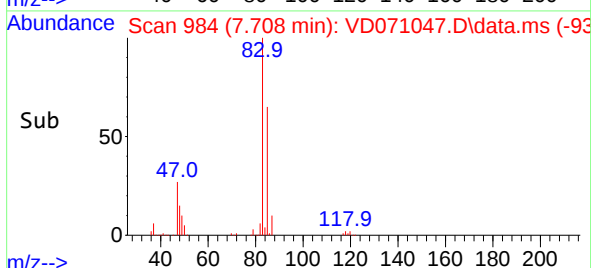
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

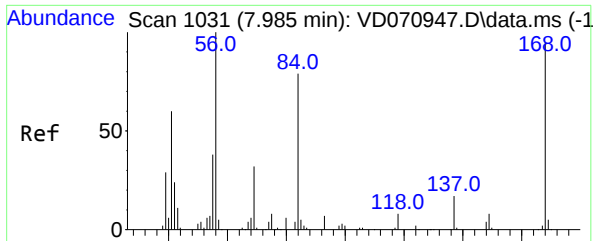


#30
Chloroform
Concen: 54.267 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



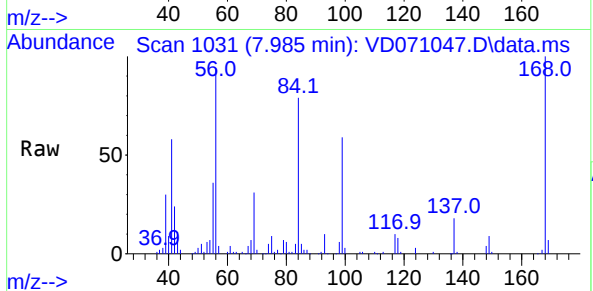
Tgt Ion: 83 Resp: 260863
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6





#31
Cyclohexane
Concen: 44.578 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

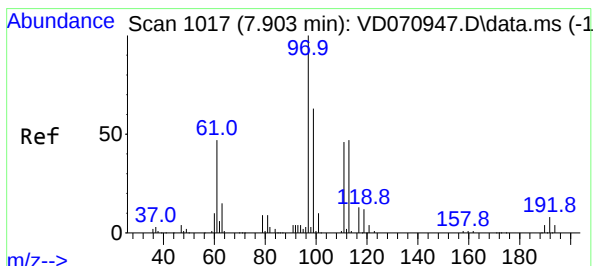
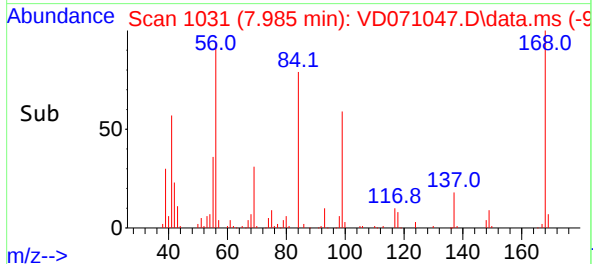
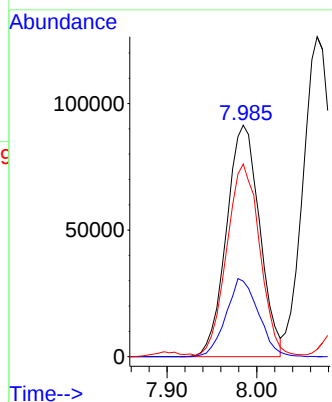
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 234979
Ion Ratio Lower Upper
56 100
69 32.6 25.9 38.9
84 82.2 64.3 96.5

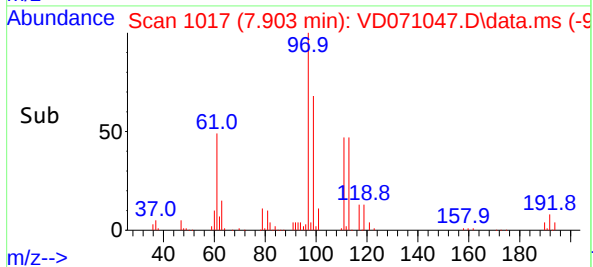
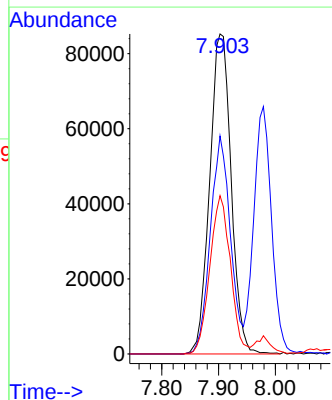
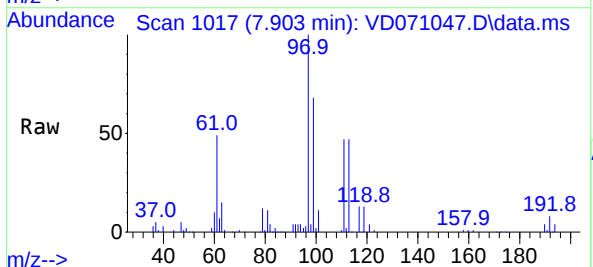
Manual Integrations
APPROVED

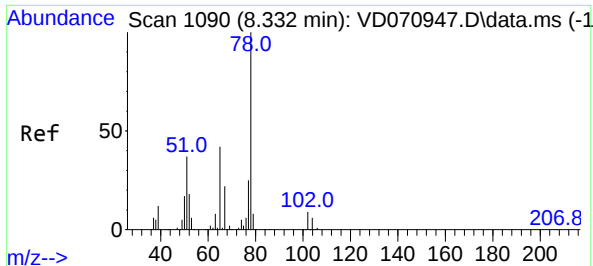
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 54.121 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Tgt Ion: 97 Resp: 223446
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 47.7 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.282 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12888

Ion Ratio Lower Upper

65 100

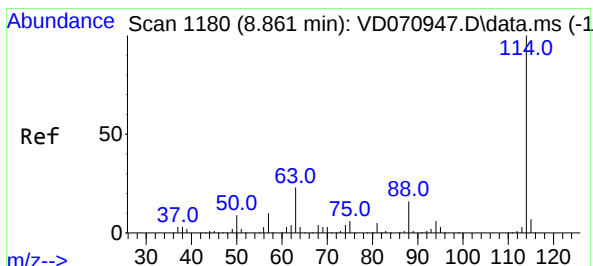
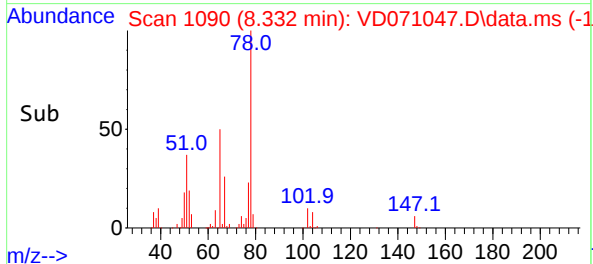
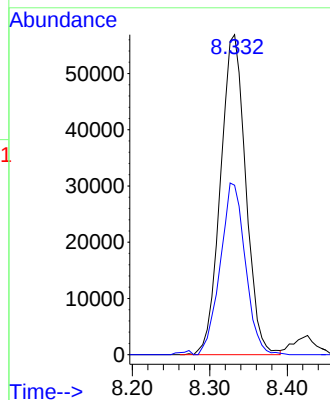
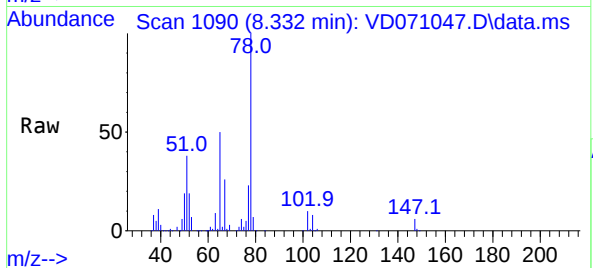
67 53.3 0.0 112.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

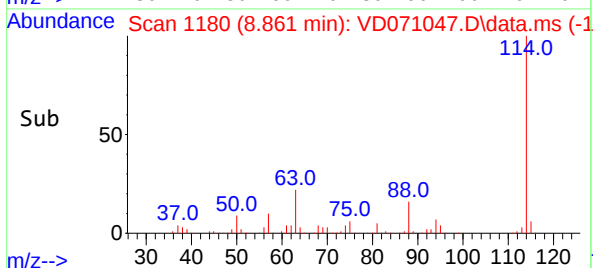
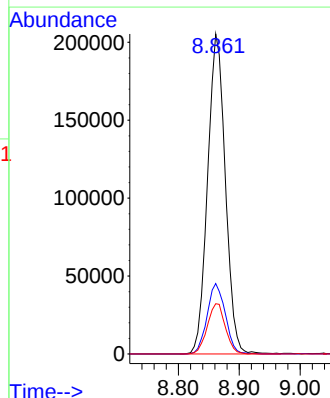
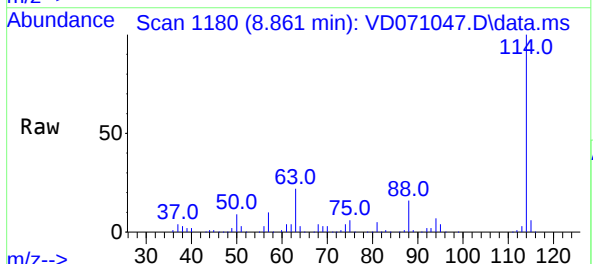
Tgt Ion:114 Resp: 416252

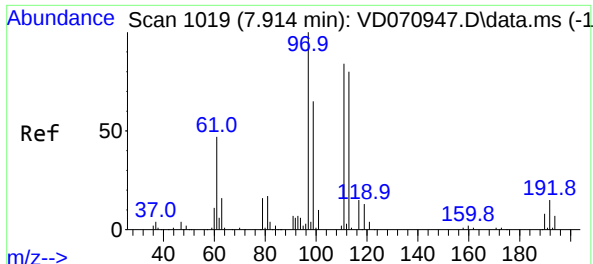
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

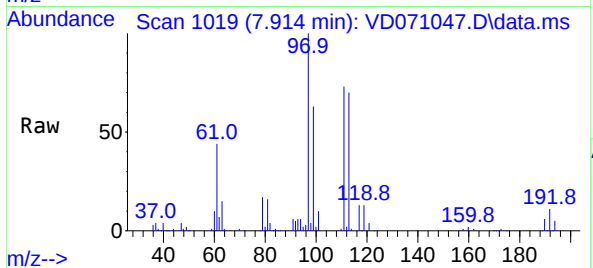
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 52.774 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

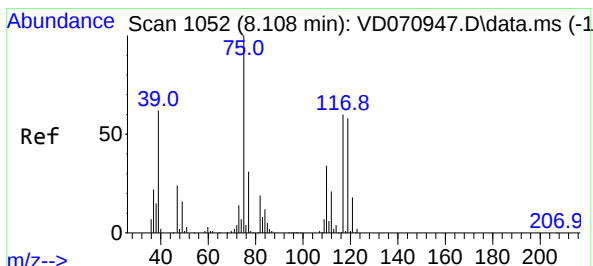
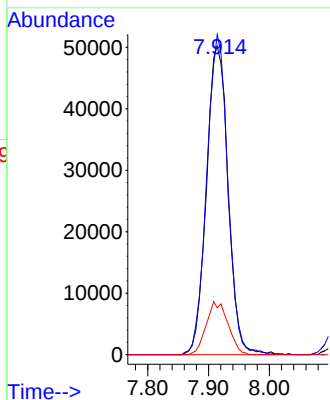
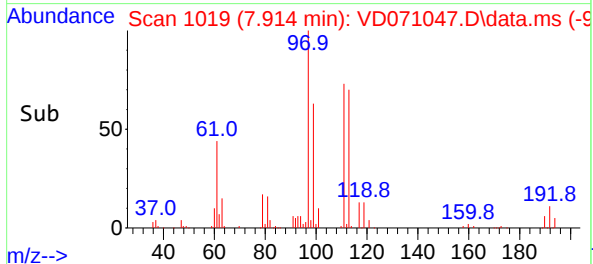
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



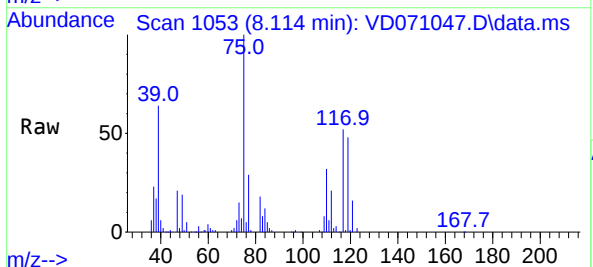
Tgt Ion:113 Resp: 12395
Ion Ratio Lower Upper
113 100
111 101.4 82.0 123.0
192 17.3 15.2 22.8

Manual Integrations
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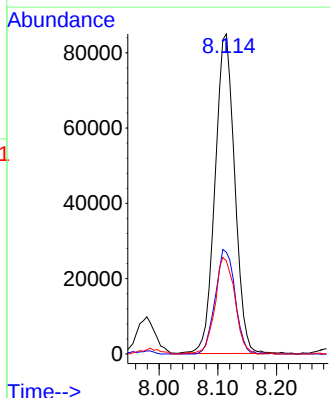
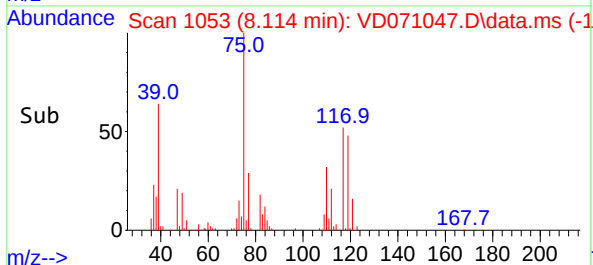
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

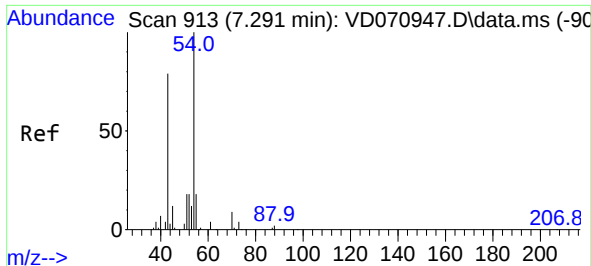


#36
1,1-Dichloropropene
Concen: 53.017 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



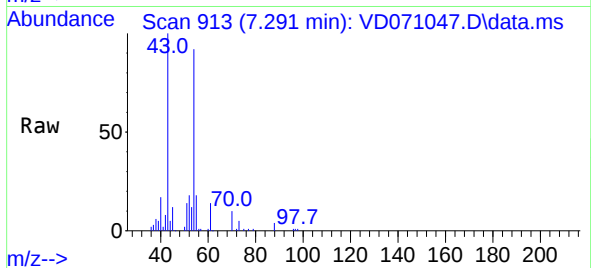
Tgt Ion: 75 Resp: 197038
Ion Ratio Lower Upper
75 100
110 33.0 17.8 53.4
77 30.6 24.8 37.2





#37
Ethyl Acetate
Concen: 53.695 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

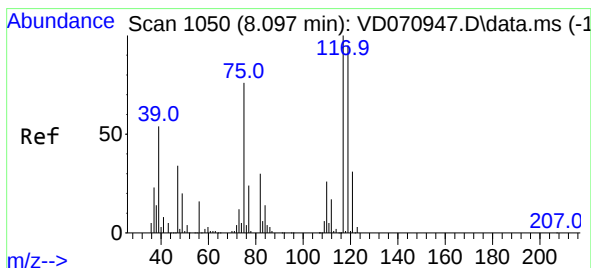
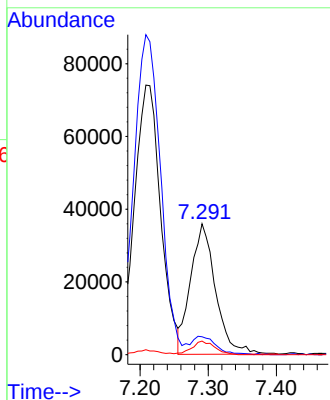
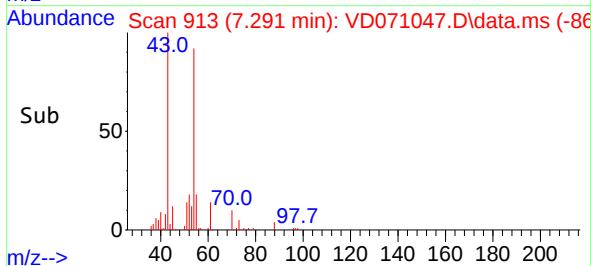
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 91045
Ion Ratio Lower Upper
43 100
61 12.6 13.0 19.6
70 9.5 8.7 13.1

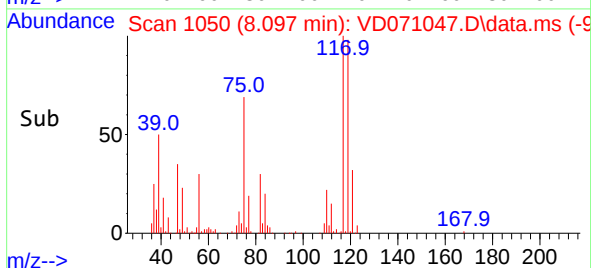
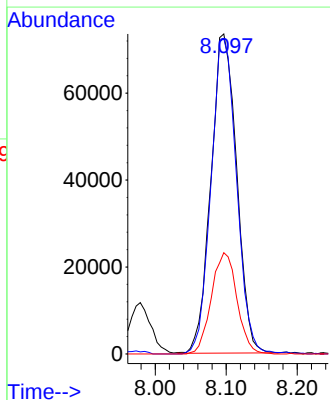
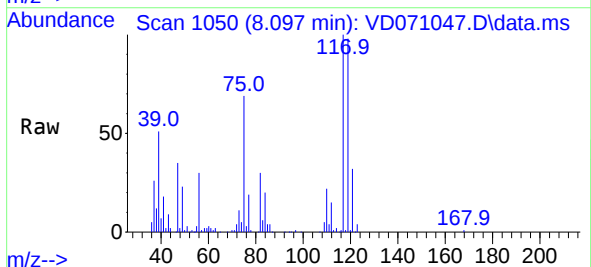
Manual Integrations
APPROVED

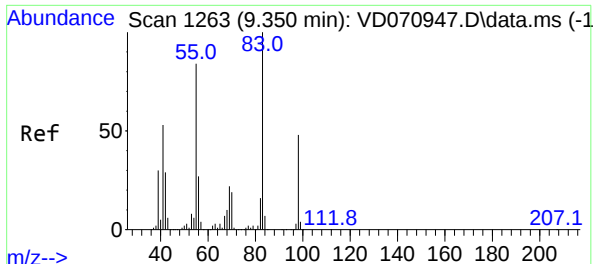
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 53.883 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

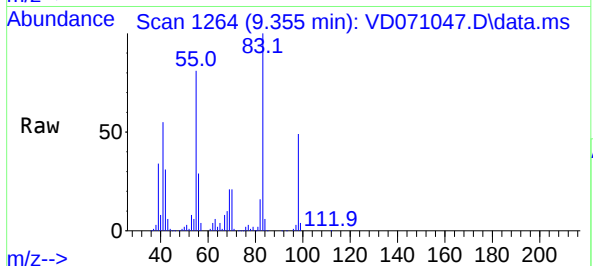
Tgt Ion:117 Resp: 184415
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.6
121 31.8 23.6 35.4





#39
Methylcyclohexane
Concen: 49.798 ug/l
RT: 9.355 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

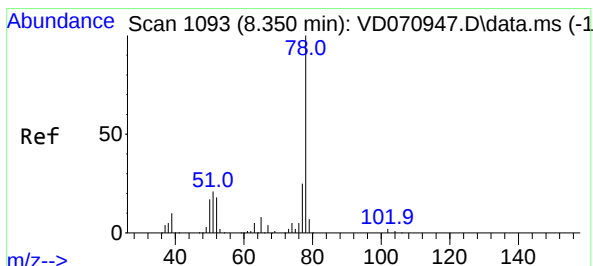
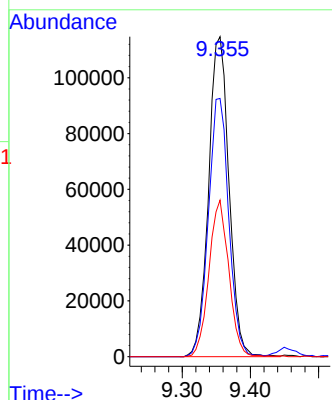
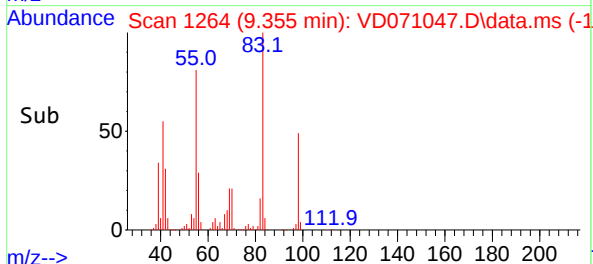
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 23902
Ion Ratio Lower Upper
83 100
55 80.7 65.8 98.8
98 48.9 38.7 58.1

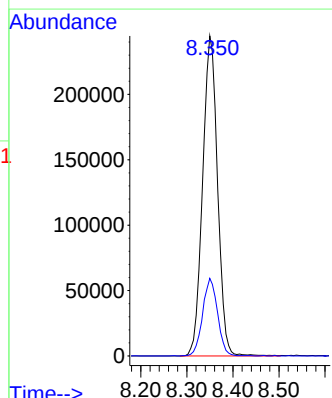
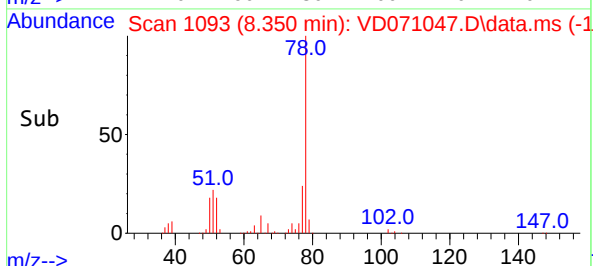
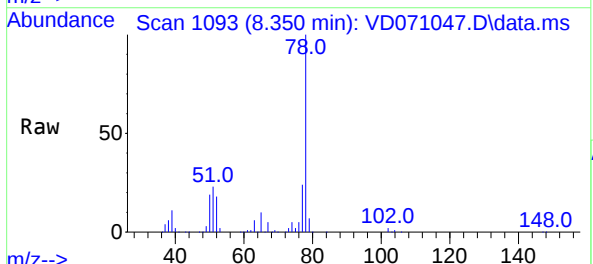
Manual Integrations
APPROVED

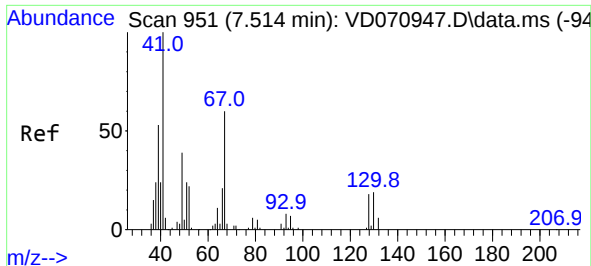
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 52.934 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

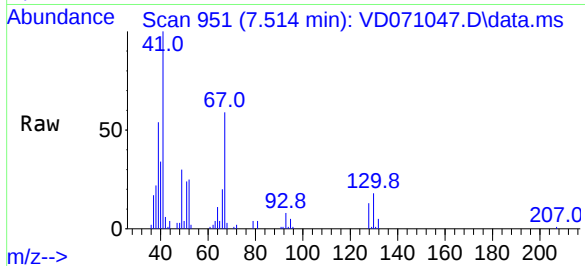
Tgt Ion: 78 Resp: 554035
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41
Methacrylonitrile
Concen: 48.219 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

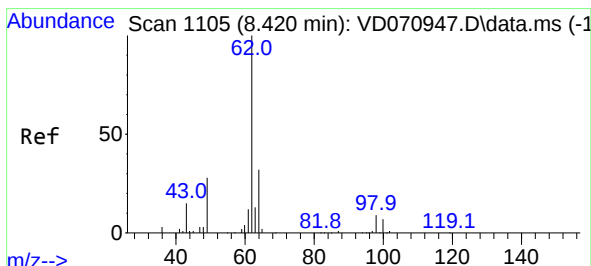
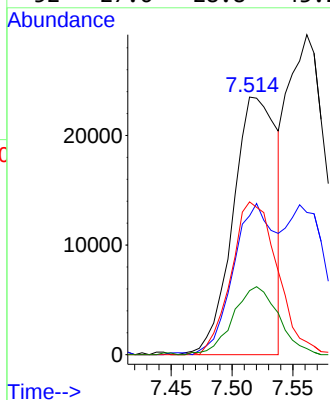
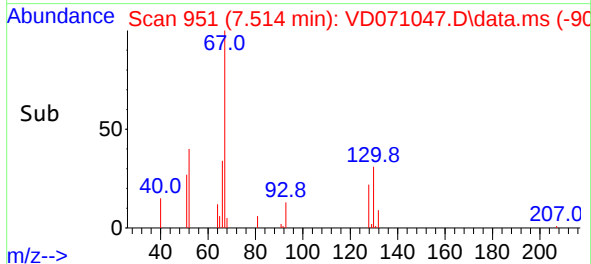
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



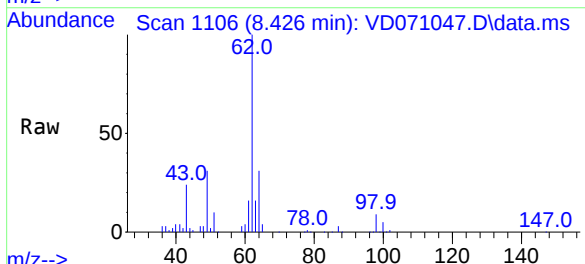
Tgt Ion: 41 Resp: 5853
Ion Ratio Lower Upper
41 100
39 56.2 60.2 90.4
67 63.2 74.8 112.2
52 27.6 28.8 43.2

Manual Integrations
APPROVED

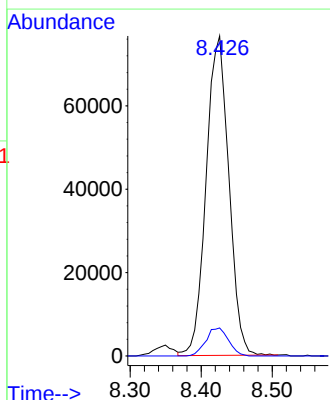
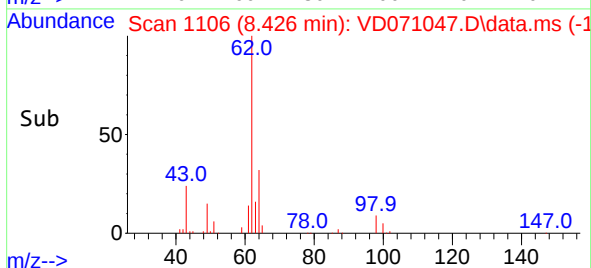
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

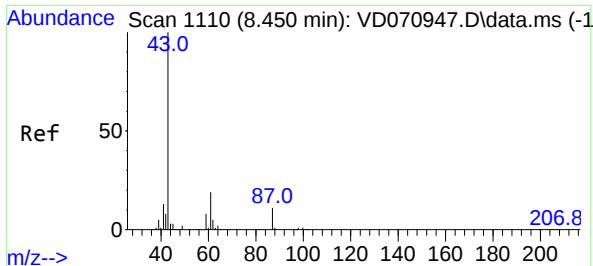


#42
1,2-Dichloroethane
Concen: 57.314 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



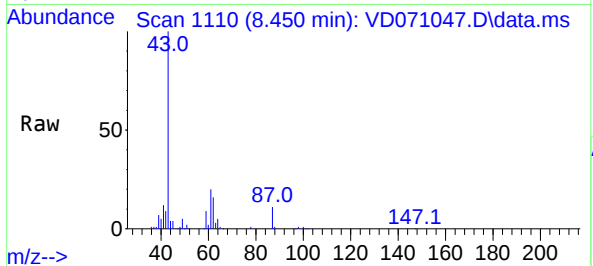
Tgt Ion: 62 Resp: 169911
Ion Ratio Lower Upper
62 100
98 8.7 0.0 21.8





#43
Isopropyl Acetate
Concen: 50.811 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

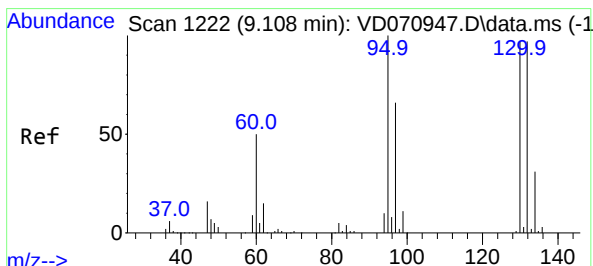
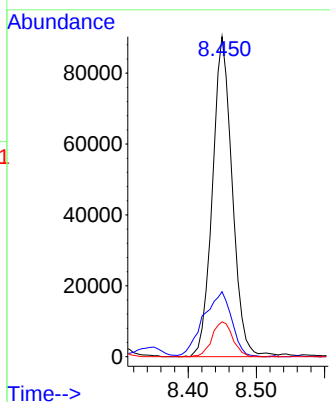
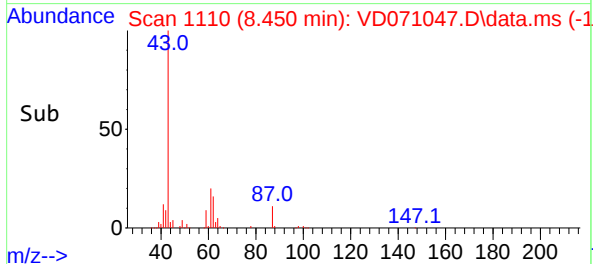
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



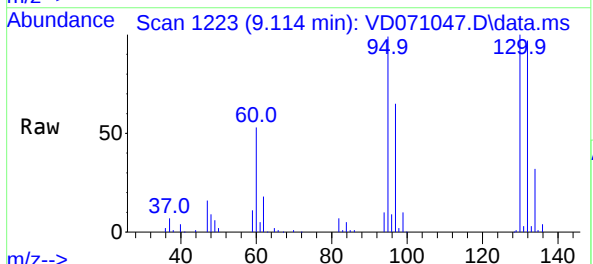
Tgt Ion: 43 Resp: 18233
Ion Ratio Lower Upper
43 100
61 29.1 28.2 42.4
87 11.4 10.7 16.1

Manual Integrations
APPROVED

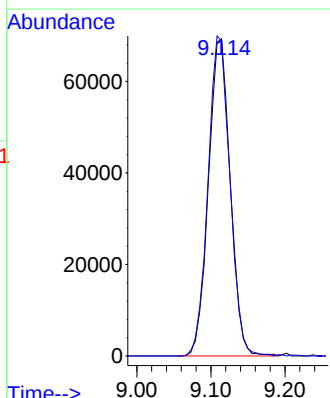
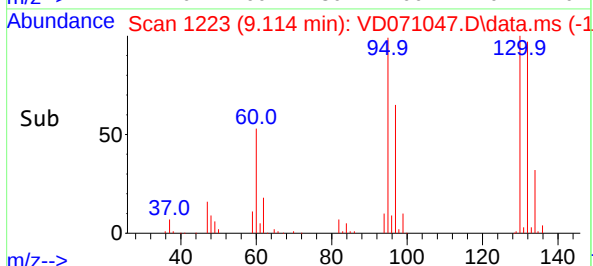
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

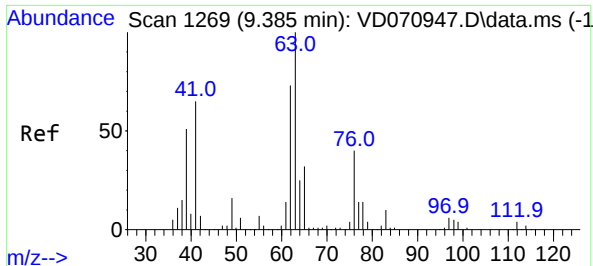


#44
Trichloroethene
Concen: 52.418 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion:130 Resp: 141411
Ion Ratio Lower Upper
130 100
95 99.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 51.430 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14557

Ion Ratio Lower Upper

63 100

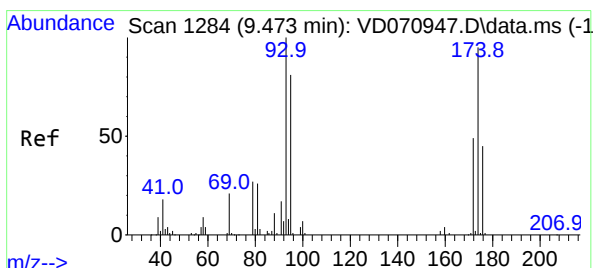
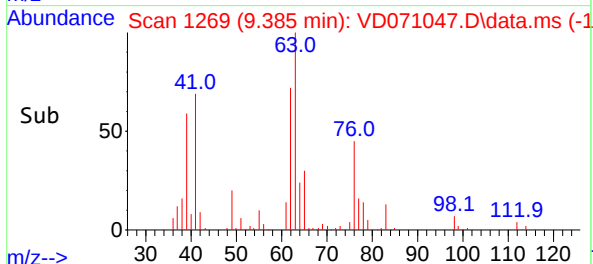
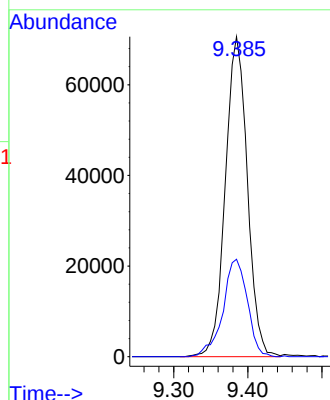
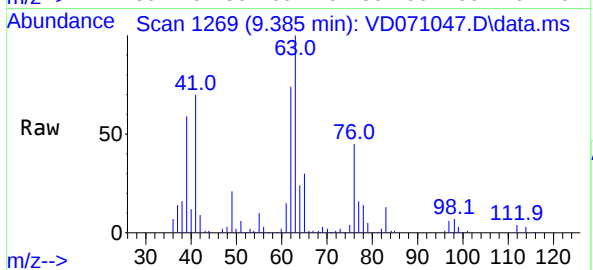
65 30.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 54.344 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

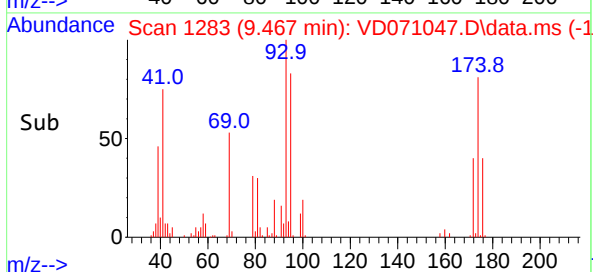
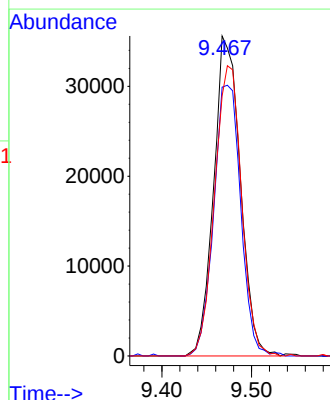
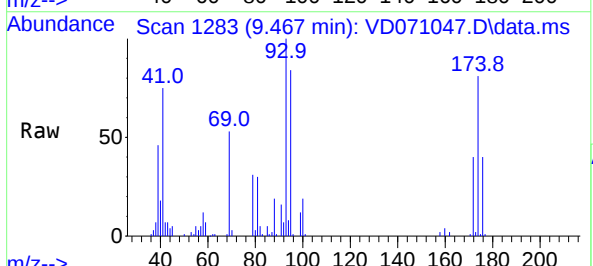
Tgt Ion: 93 Resp: 73217

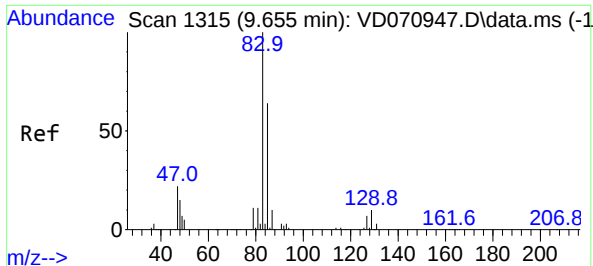
Ion Ratio Lower Upper

93 100

95 85.9 66.1 99.1

174 91.9 78.6 117.8





#47

Bromodichloromethane

Concen: 55.506 ug/l

RT: 9.661 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

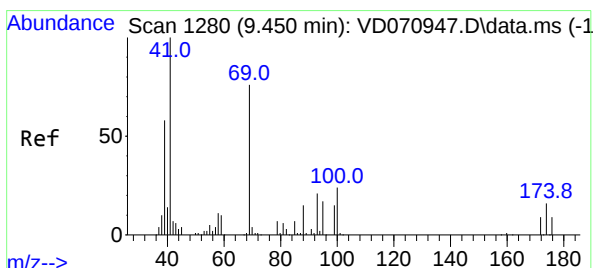
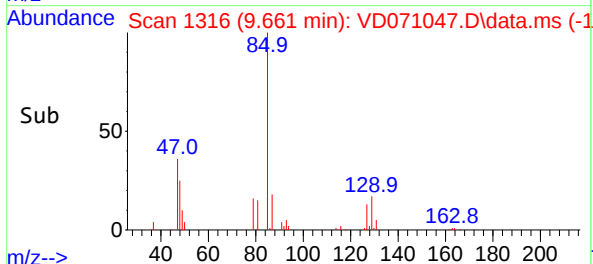
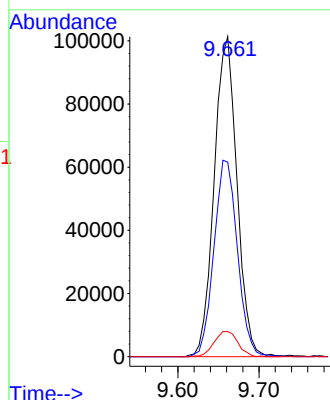
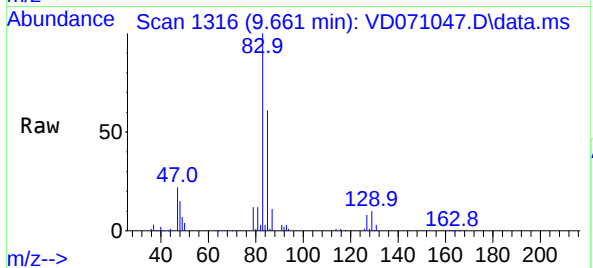
Tgt Ion: 83 Resp: 19780

Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.0	75.0
127	7.8	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48

Methyl methacrylate

Concen: 51.326 ug/l

RT: 9.450 min Scan# 1280

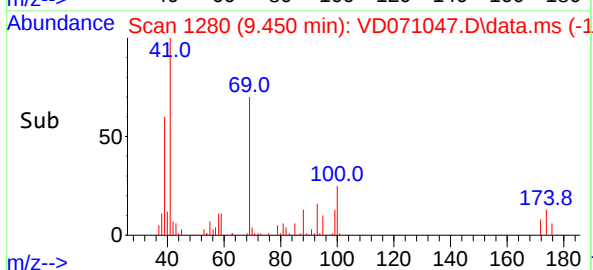
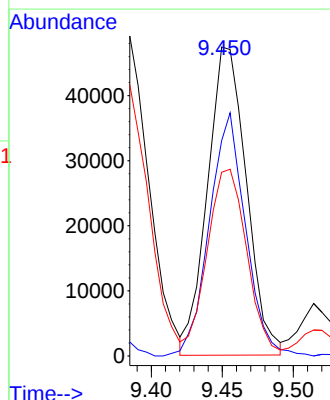
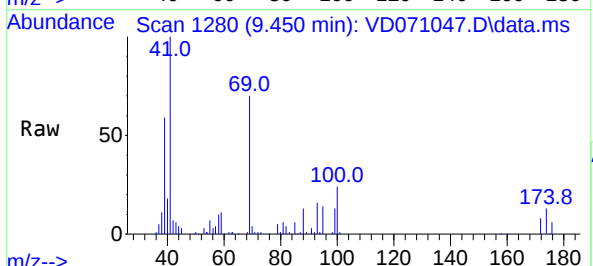
Delta R.T. -0.000 min

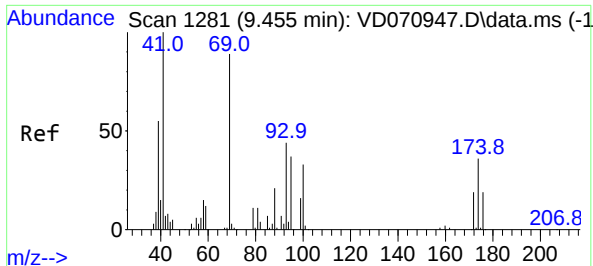
Lab File: VD071047.D

Acq: 16 Nov 2021 17:57

Tgt Ion: 41 Resp: 90353

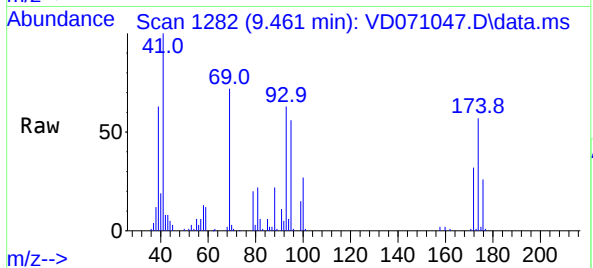
Ion	Ratio	Lower	Upper
41	100		
69	73.5	69.8	104.6
39	57.7	35.6	53.4





#49
1,4-Dioxane
Concen: 1045.209 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

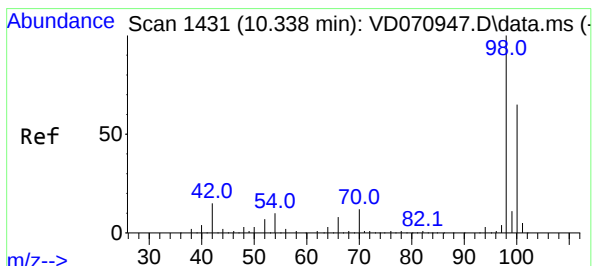
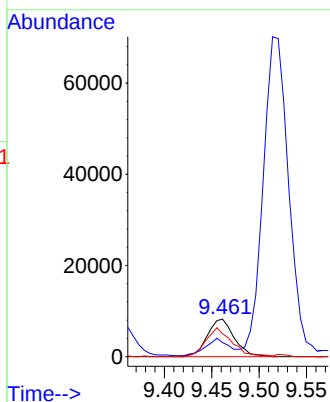
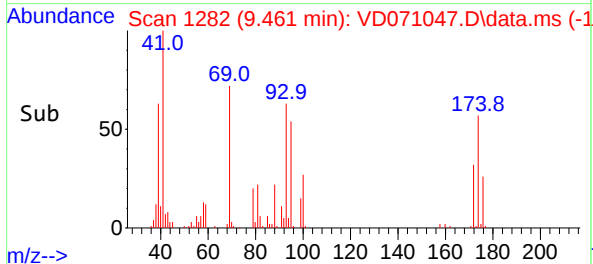
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



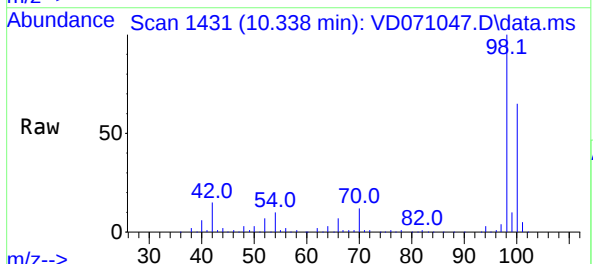
Tgt Ion: 88 Resp: 16310
Ion Ratio Lower Upper
88 100
43 40.0 28.9 43.3
58 74.7 56.3 84.5

Manual Integrations
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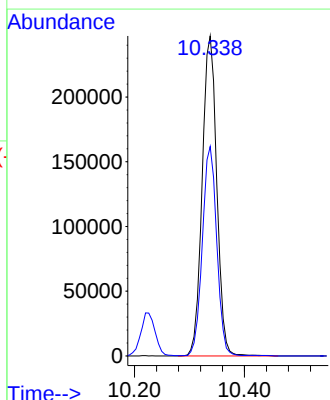
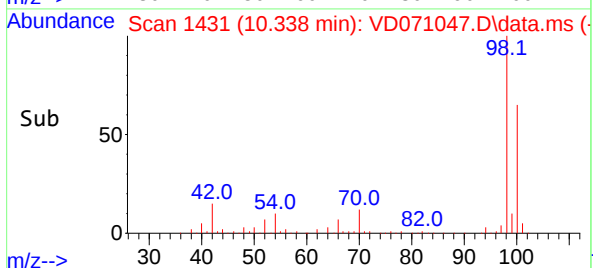
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

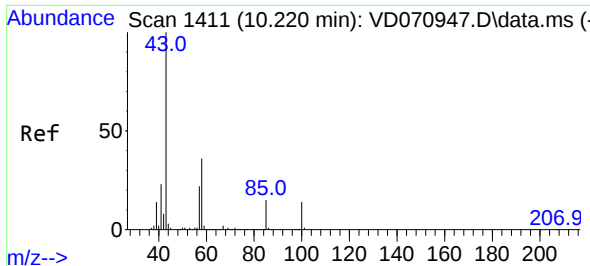


#50
Toluene-d8
Concen: 49.382 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



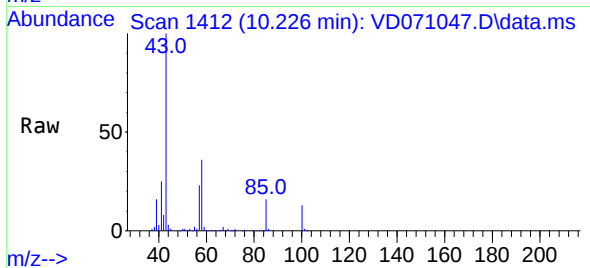
Tgt Ion: 98 Resp: 454242
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 261.422 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

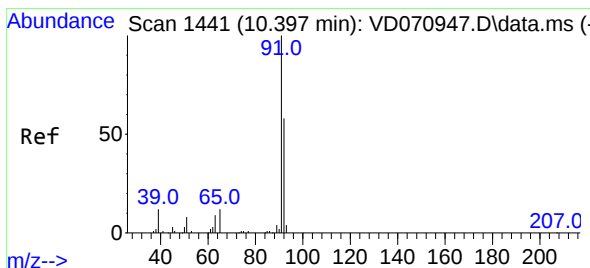
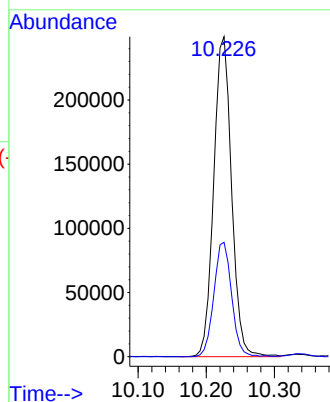
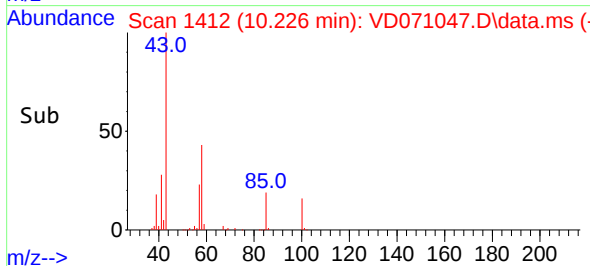
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



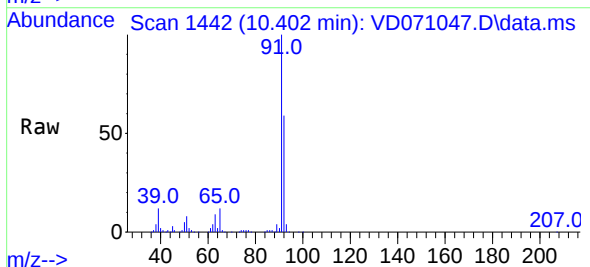
Tgt Ion: 43 Resp: 454809
Ion Ratio Lower Upper
43 100
58 35.6 33.1 49.7

Manual Integrations
APPROVED

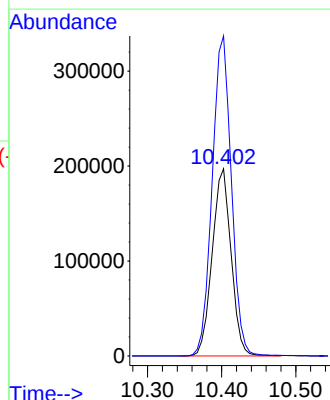
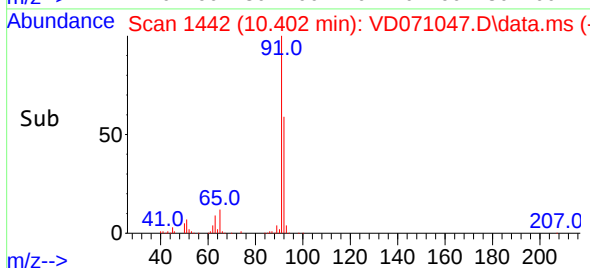
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

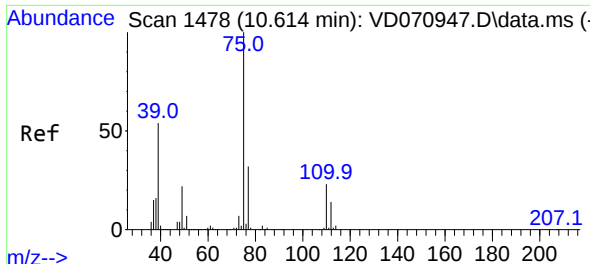


#52
Toluene
Concen: 52.929 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



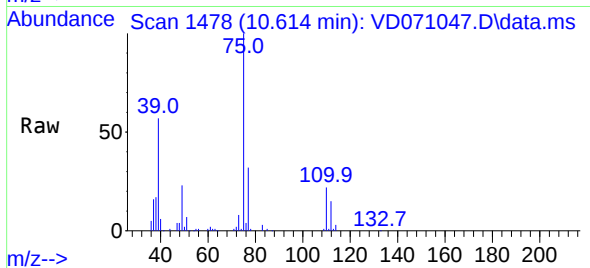
Tgt Ion: 92 Resp: 349210
Ion Ratio Lower Upper
92 100
91 173.5 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 51.943 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

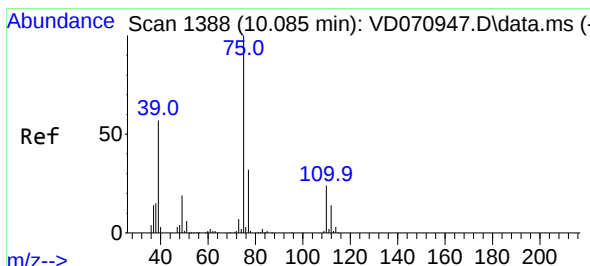
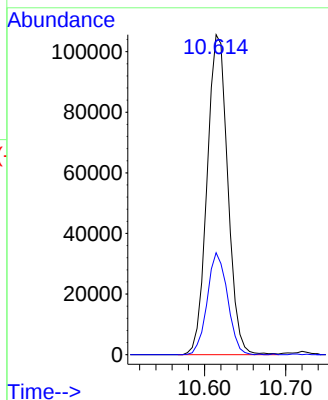
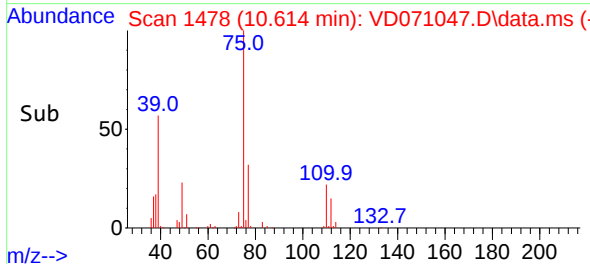
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



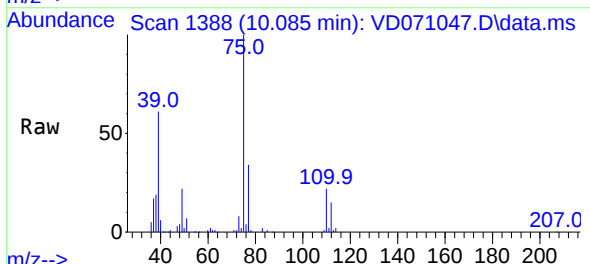
Tgt Ion: 75 Resp: 186662
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7

Manual Integrations
APPROVED

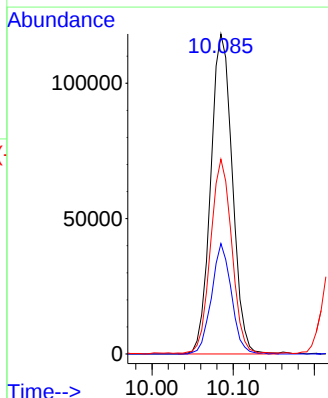
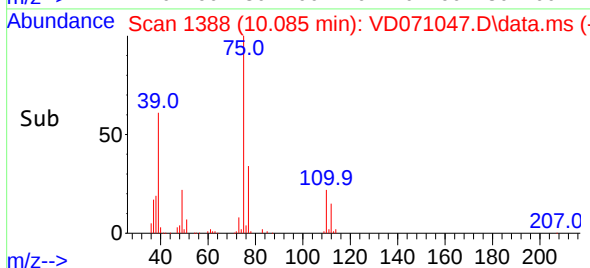
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

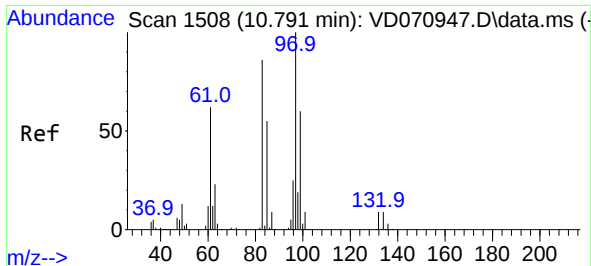


#54
cis-1,3-Dichloropropene
Concen: 51.678 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



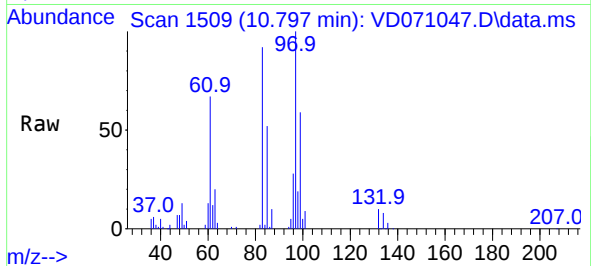
Tgt Ion: 75 Resp: 218991
Ion Ratio Lower Upper
75 100
77 34.5 25.0 37.6
39 60.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 52.786 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

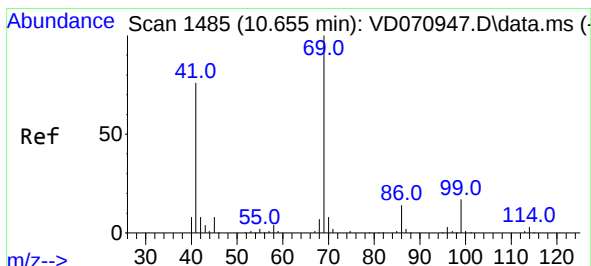
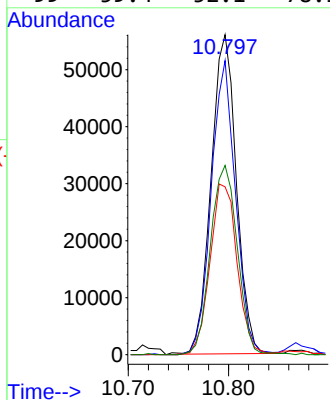
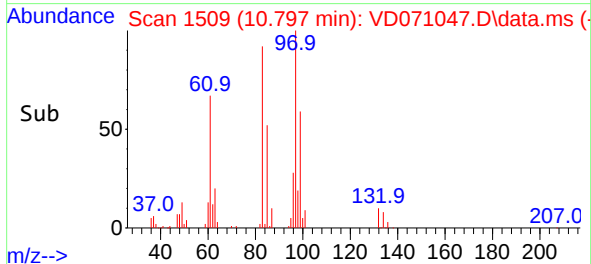
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



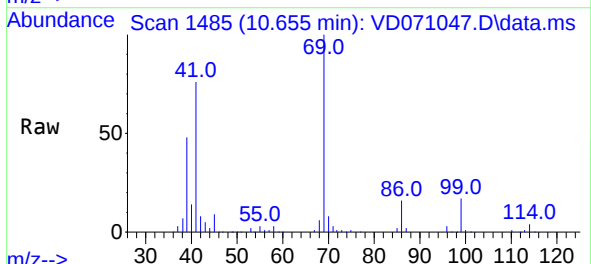
Tgt Ion:	97	Resp:	9774
Ion	Ratio	Lower	Upper
97	100		
83	92.3	65.2	97.8
85	52.7	43.4	65.0
99	59.4	52.1	78.1

Manual Integrations
APPROVED

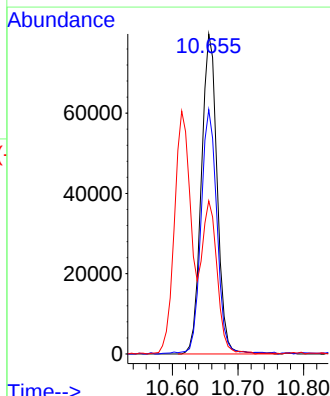
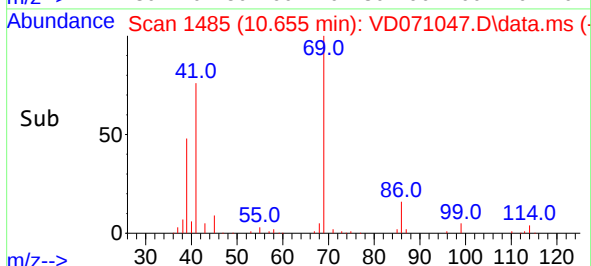
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

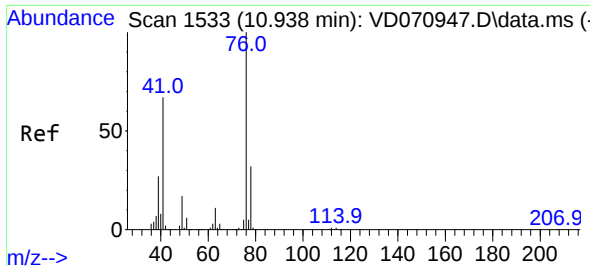


#56
Ethyl methacrylate
Concen: 51.025 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion:	69	Resp:	133684
Ion	Ratio	Lower	Upper
69	100		
41	77.4	50.2	75.2#
39	45.2	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 53.467 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.006 min

Lab File: VD071047.D

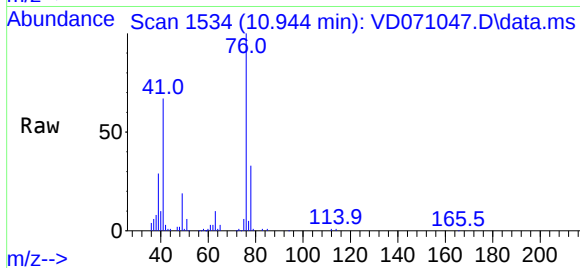
Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 17979

Ion Ratio Lower Upper

76 100

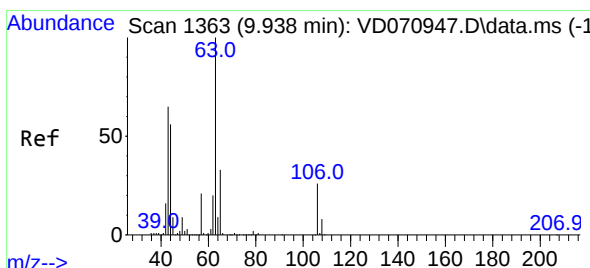
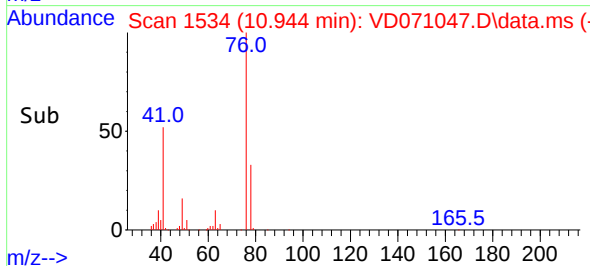
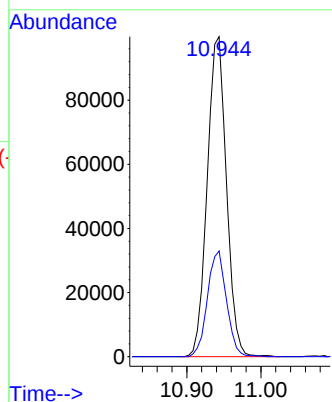
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 223.021 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071047.D

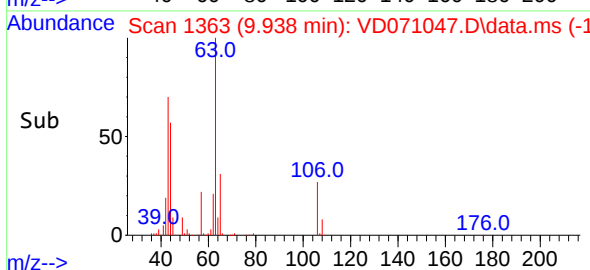
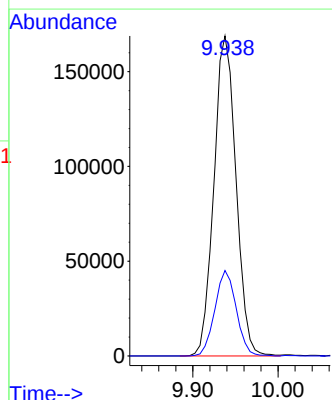
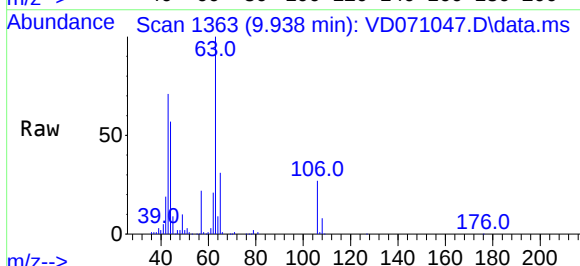
Acq: 16 Nov 2021 17:57

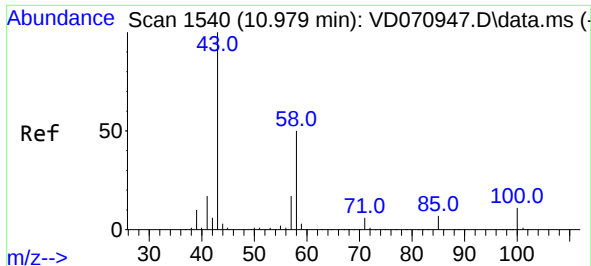
Tgt Ion: 63 Resp: 303768

Ion Ratio Lower Upper

63 100

106 25.8 21.0 31.4





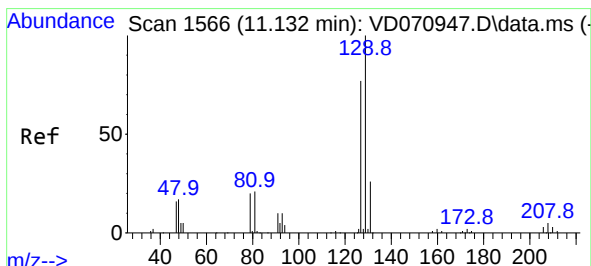
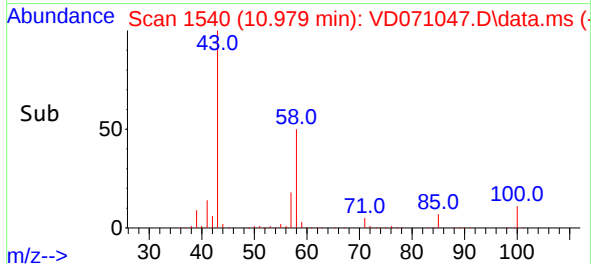
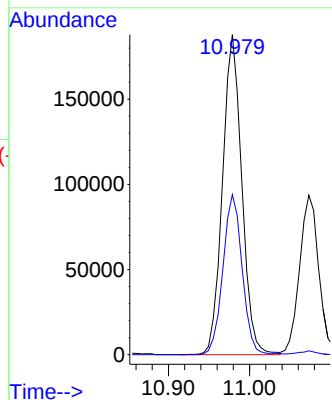
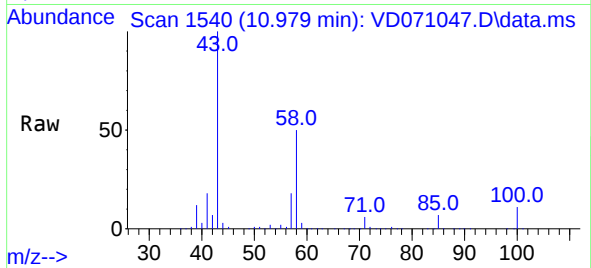
#59
2-Hexanone
Concen: 229.909 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 310922
Ion Ratio Lower Upper
43 100
58 49.9 28.7 86.1

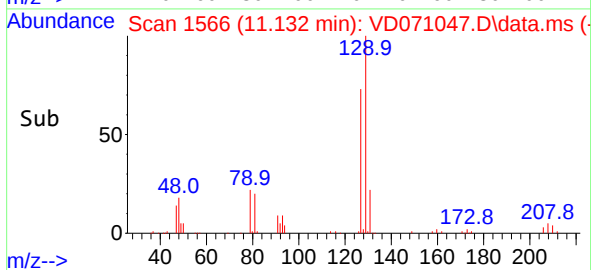
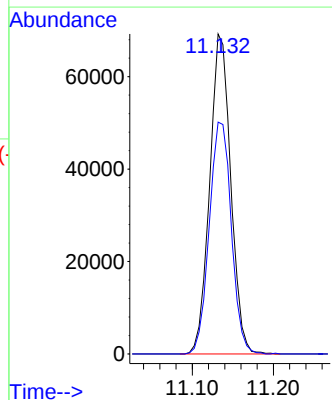
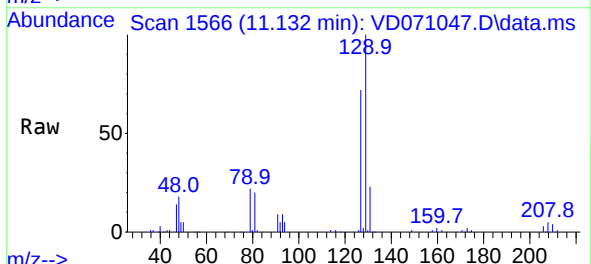
Manual Integrations
APPROVED

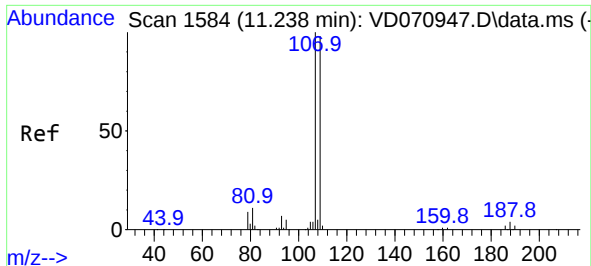
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 56.055 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

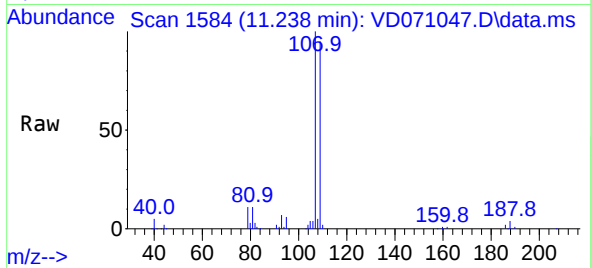
Tgt Ion:129 Resp: 124522
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 52.781 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

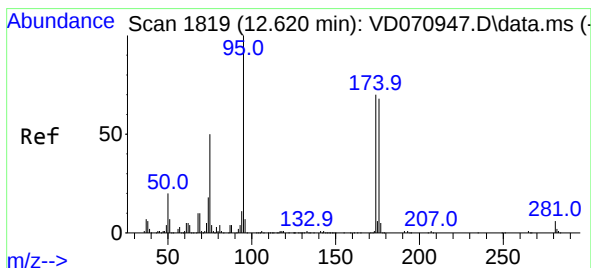
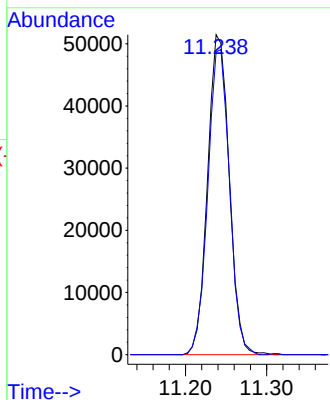
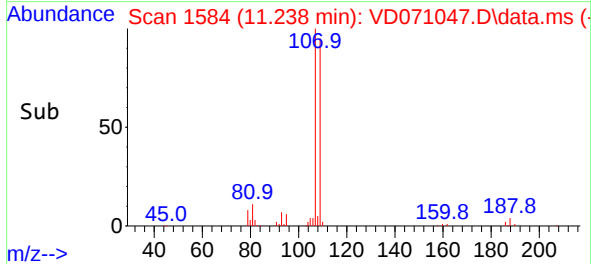
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



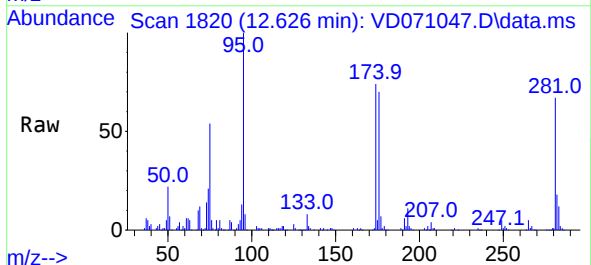
Tgt Ion:107 Resp: 95070
Ion Ratio Lower Upper
107 100
109 96.0 74.6 112.0

Manual Integrations
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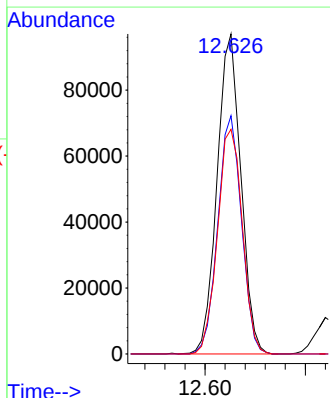
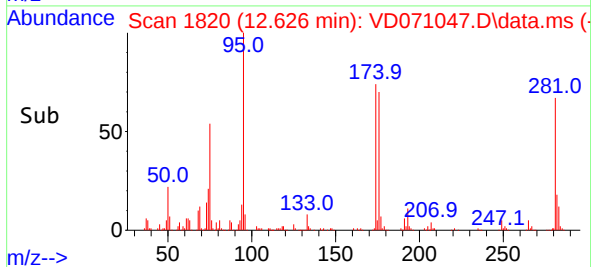
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

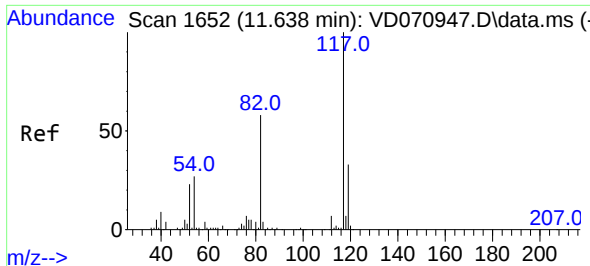


#62
4-Bromofluorobenzene
Concen: 48.198 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



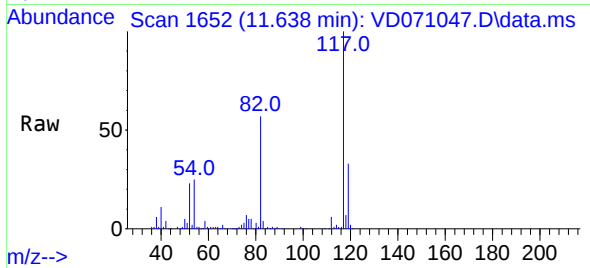
Tgt Ion: 95 Resp: 159633
Ion Ratio Lower Upper
95 100
174 74.0 0.0 159.4
176 73.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

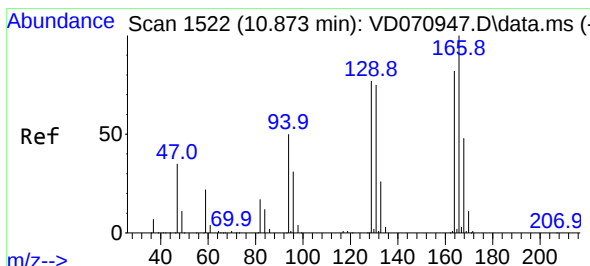
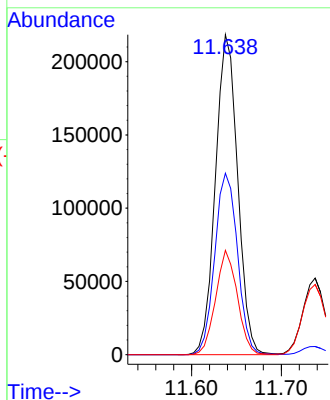
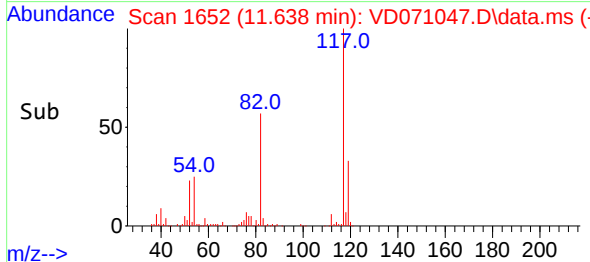
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



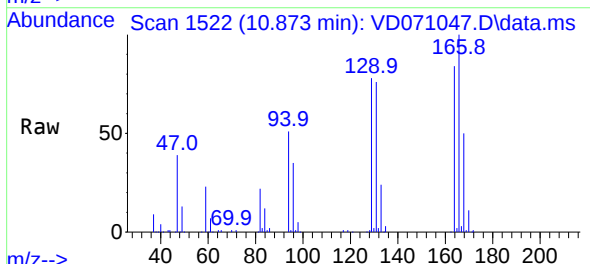
Tgt Ion:117 Resp: 376000
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 32.6 26.2 39.4

Manual Integrations
APPROVED

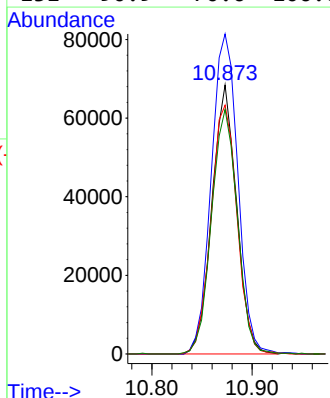
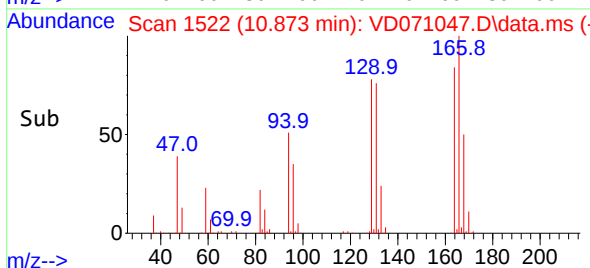
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

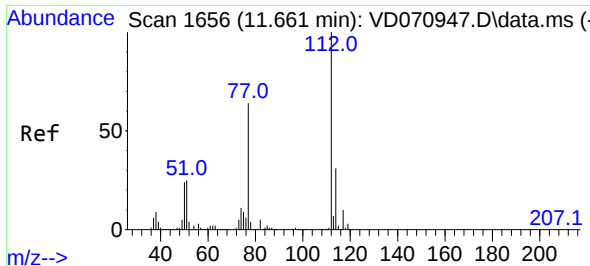


#64
Tetrachloroethene
Concen: 53.253 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



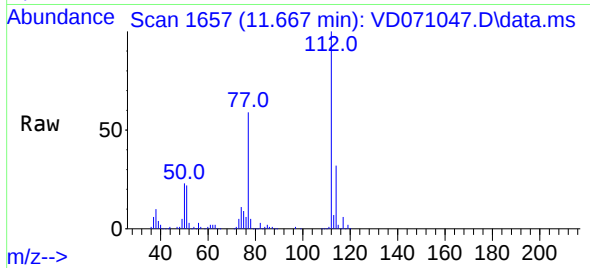
Tgt Ion:164 Resp: 116759
Ion Ratio Lower Upper
164 100
166 119.0 102.6 153.8
129 92.6 75.4 113.0
131 90.9 70.6 106.0





#65
Chlorobenzene
Concen: 53.721 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

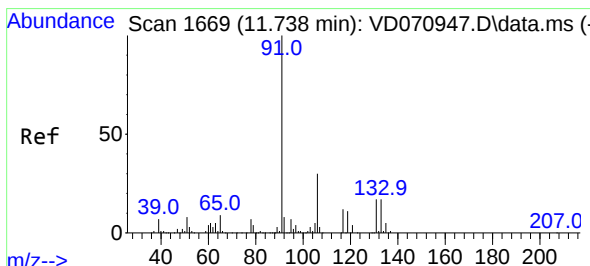
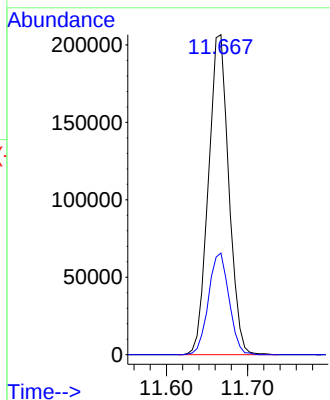
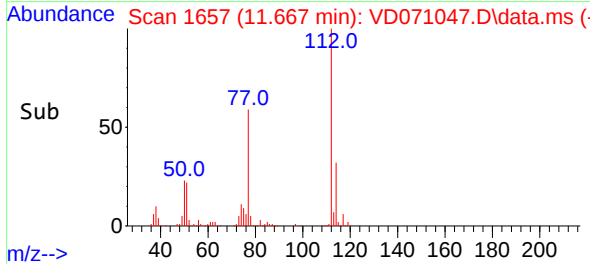
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



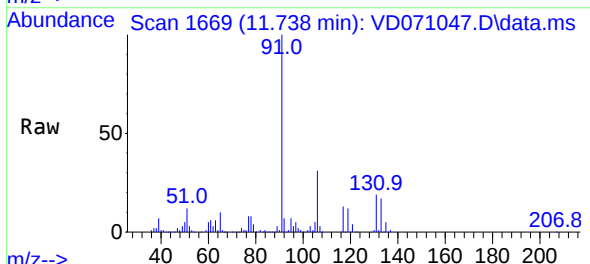
Tgt Ion:112 Resp: 36040
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

Manual Integrations
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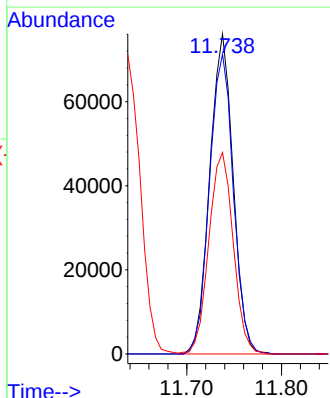
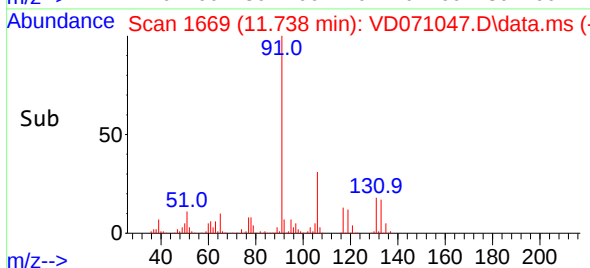
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

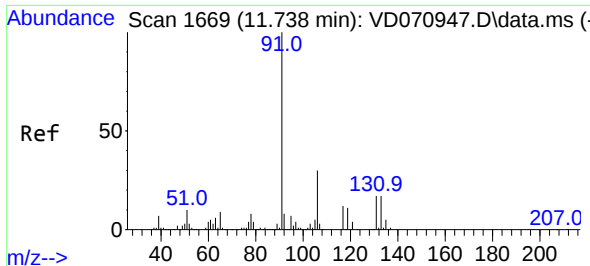


#66
1,1,1,2-Tetrachloroethane
Concen: 54.695 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



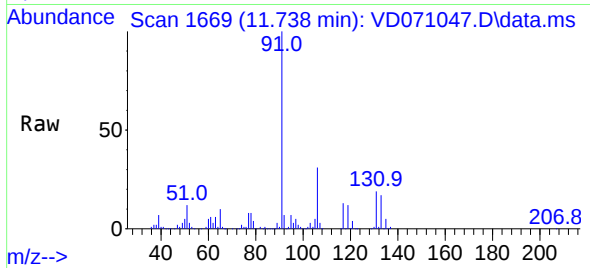
Tgt Ion:131 Resp: 130238
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 65.7 33.5 100.4





#67
Ethyl Benzene
Concen: 53.180 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

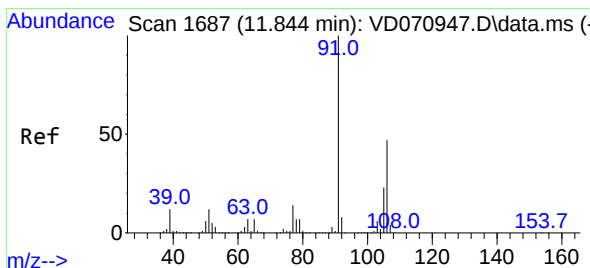
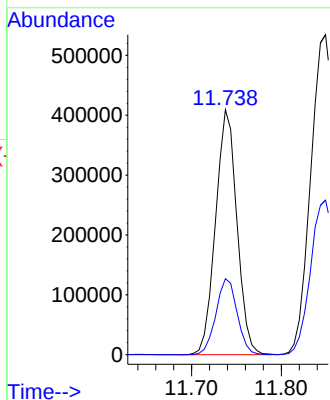
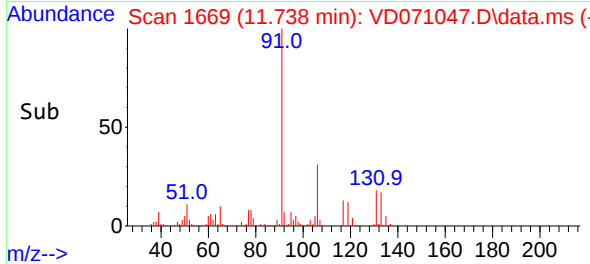
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



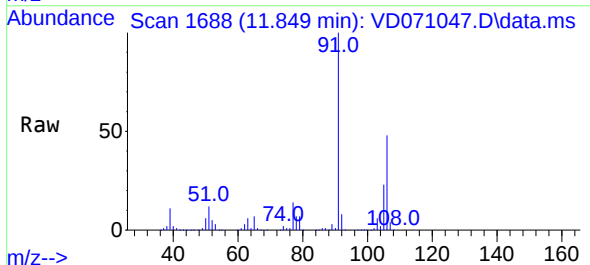
Tgt Ion: 91 Resp: 67564
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

Manual Integrations
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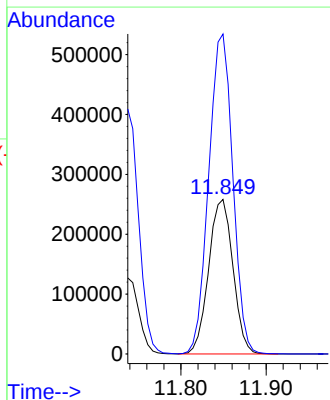
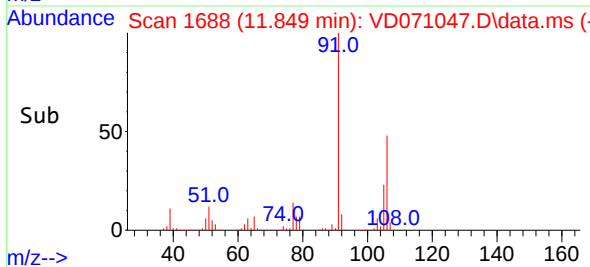
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

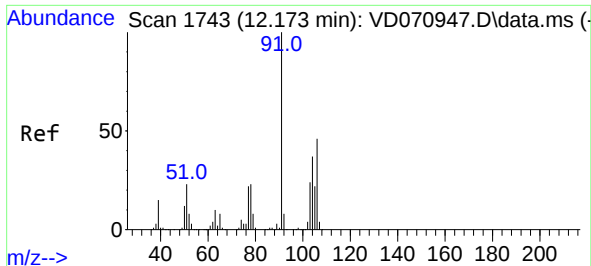


#68
m/p-Xylenes
Concen: 107.787 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion:106 Resp: 511812
Ion Ratio Lower Upper
106 100
91 204.9 160.1 240.1





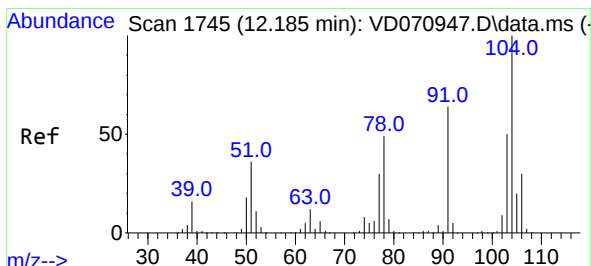
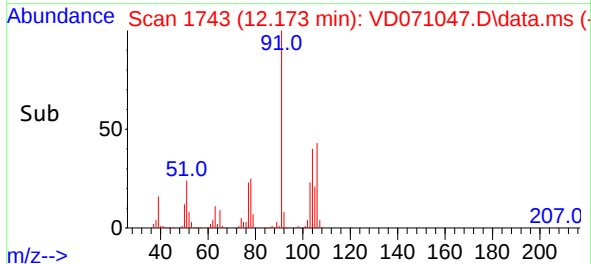
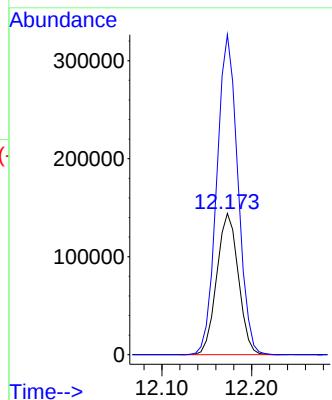
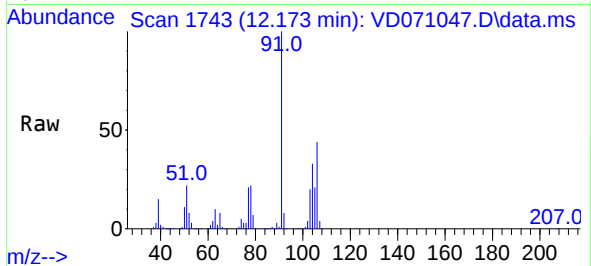
#69
o-Xylene
Concen: 53.334 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 24088
Ion Ratio Lower Upper
106 100
91 221.0 106.3 319.0

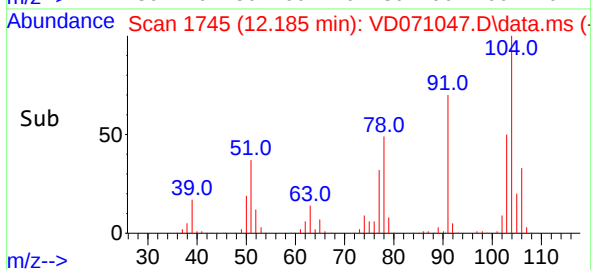
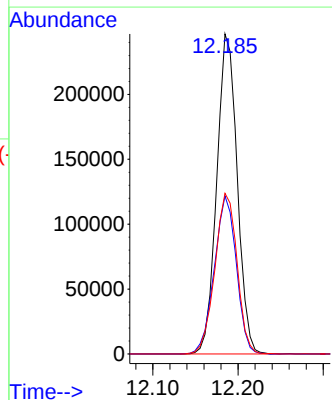
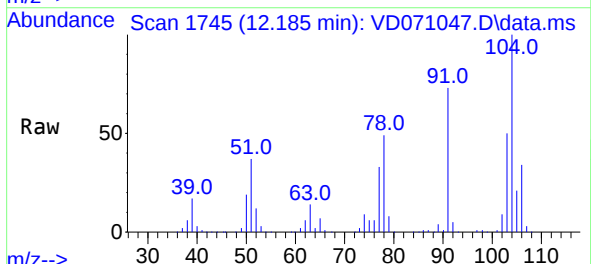
Manual Integrations
APPROVED

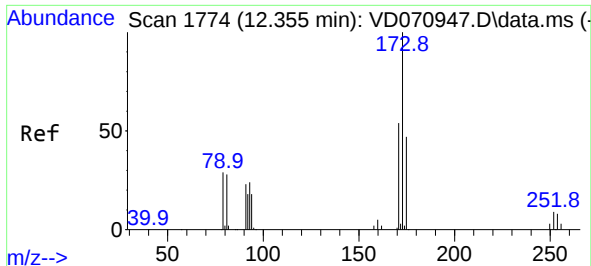
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 53.818 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

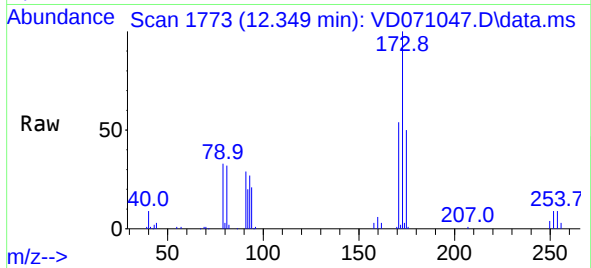
Tgt Ion:104 Resp: 411570
Ion Ratio Lower Upper
104 100
78 53.1 39.4 59.0
103 54.4 43.4 65.0





#71
Bromoform
Concen: 53.384 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

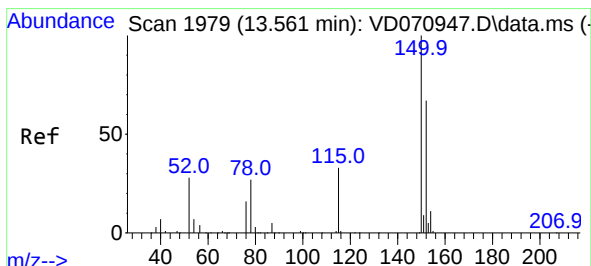
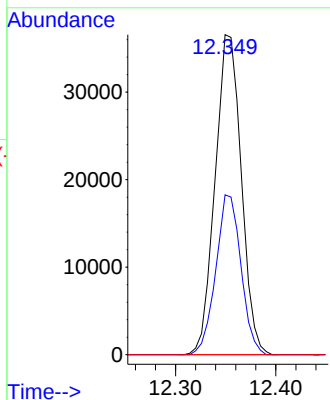
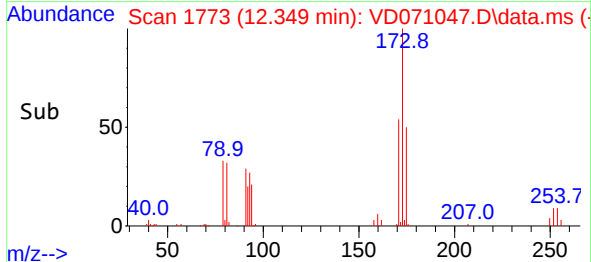
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



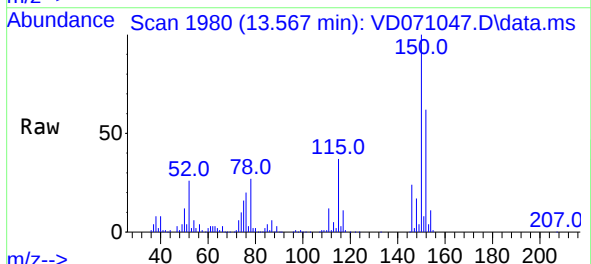
Tgt Ion:173 Resp: 66289
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

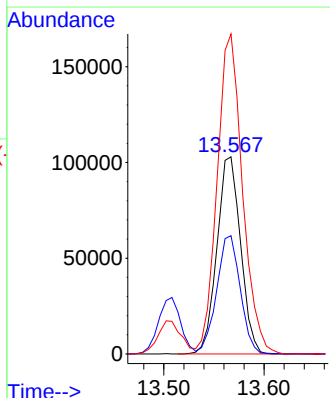
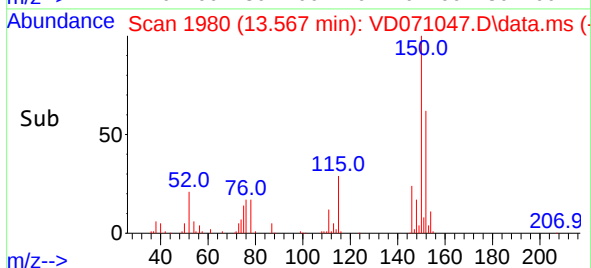
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

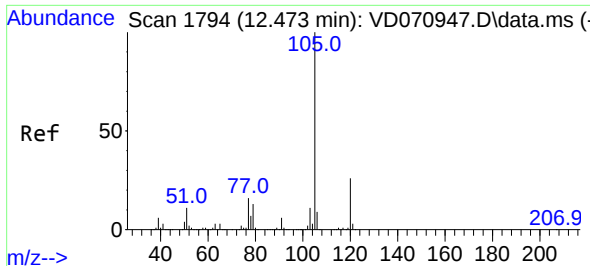


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



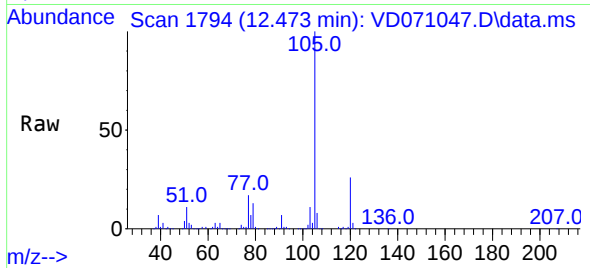
Tgt Ion:152 Resp: 168484
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 174.1 0.0 349.2





#73
Isopropylbenzene
Concen: 53.193 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

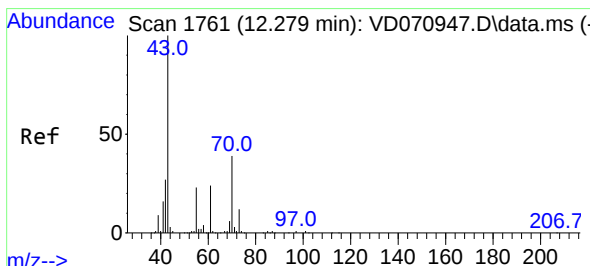
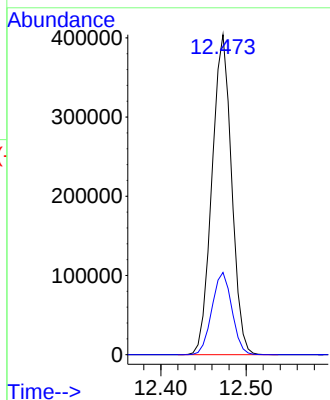
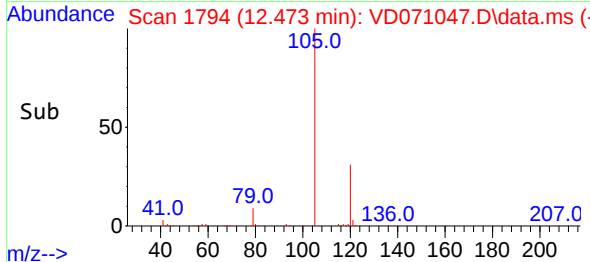
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



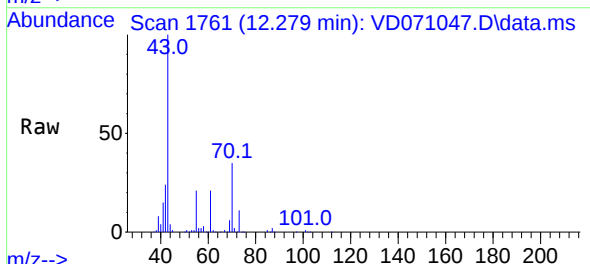
Tgt Ion:105 Resp: 645652
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

Manual Integrations
APPROVED

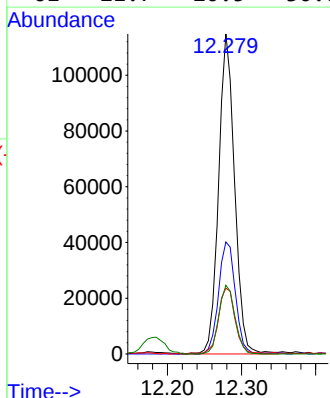
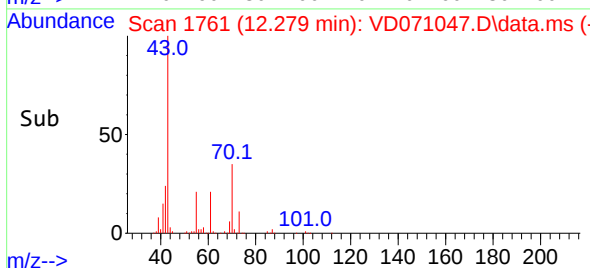
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

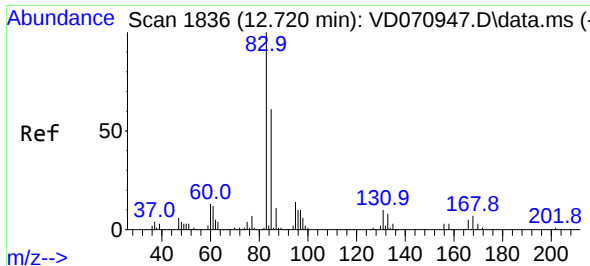


#74
N-ethyl acetate
Concen: 49.571 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



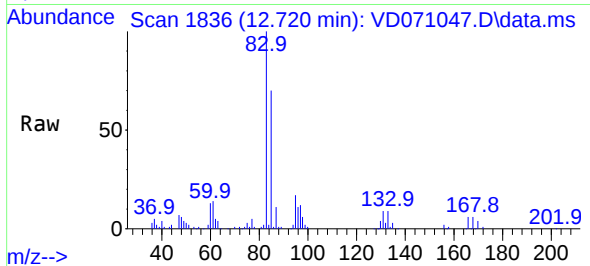
Tgt Ion: 43 Resp: 171897
Ion Ratio Lower Upper
43 100
70 36.9 36.6 55.0
55 22.0 22.5 33.7#
61 21.7 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.309 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

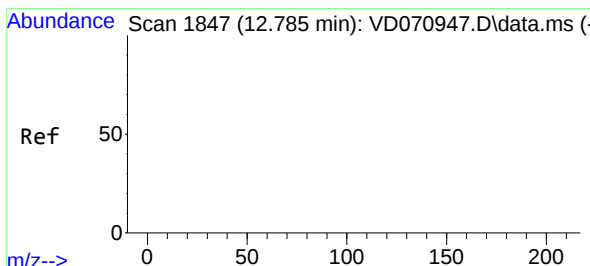
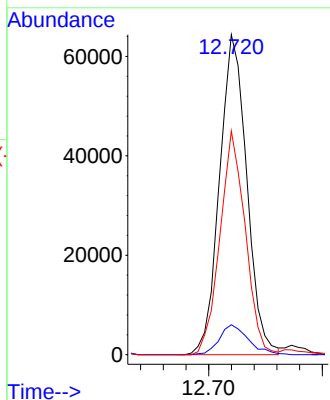
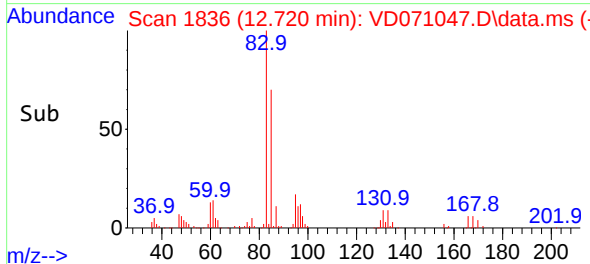
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 107194
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 65.1 32.0 96.2

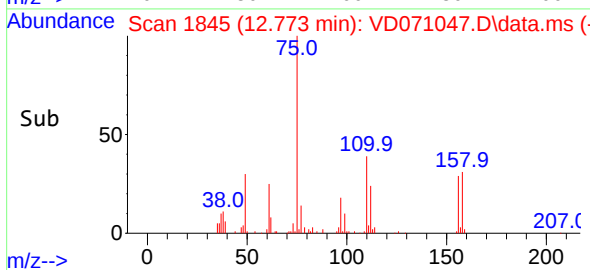
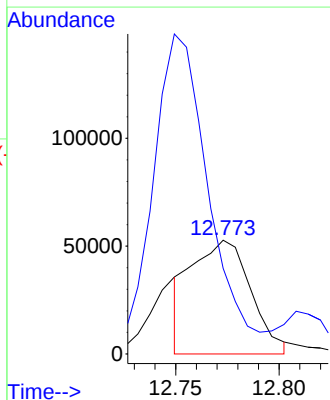
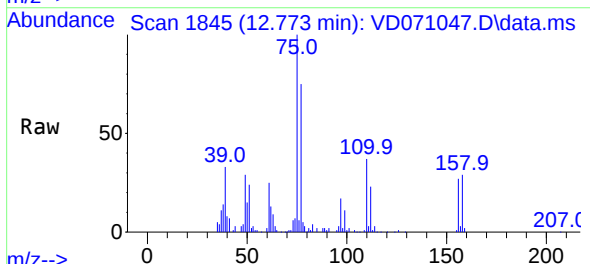
Manual Integrations
APPROVED

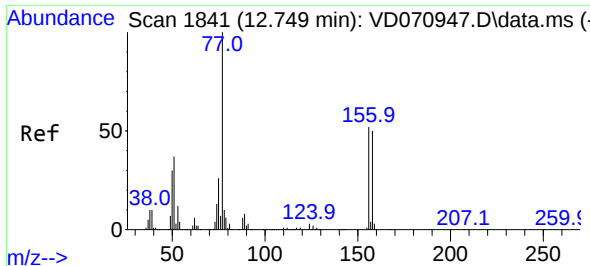
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 73.138 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

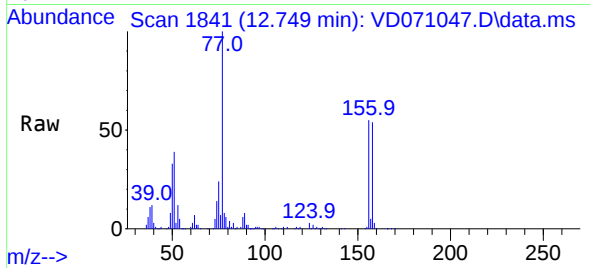
Tgt Ion: 75 Resp: 105260
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 54.782 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

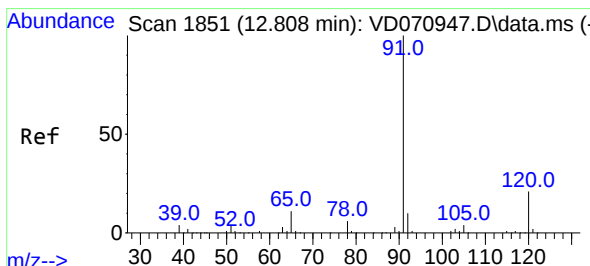
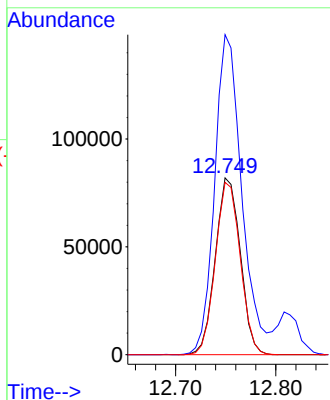
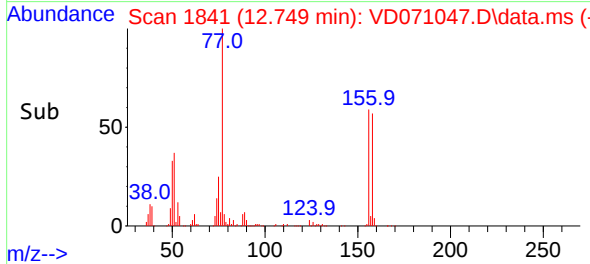
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



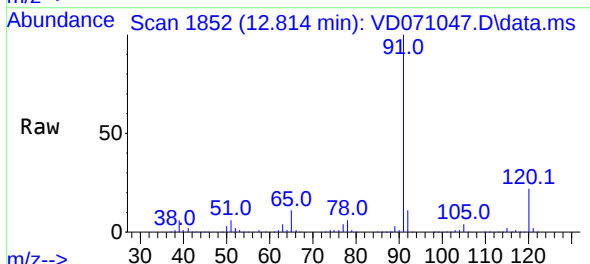
Tgt Ion:156 Resp: 142072
Ion Ratio Lower Upper
156 100
77 195.2 96.6 289.8
158 97.0 49.1 147.4

Manual Integrations
APPROVED

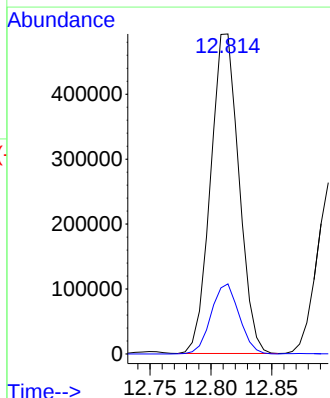
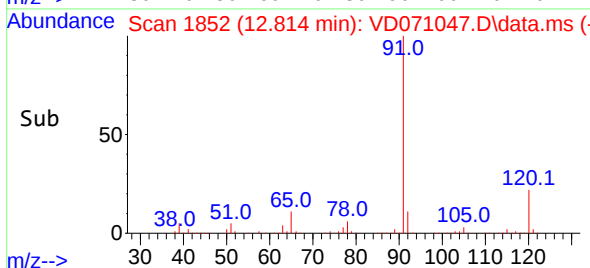
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

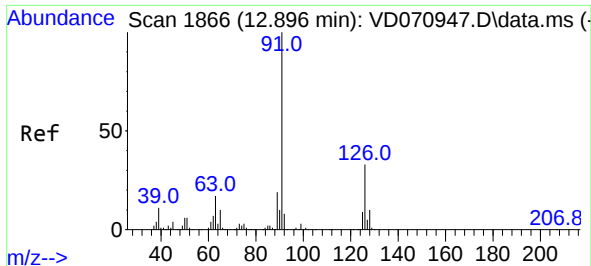


#78
n-propylbenzene
Concen: 53.125 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion: 91 Resp: 798988
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9





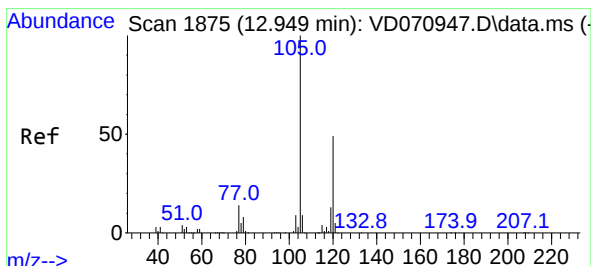
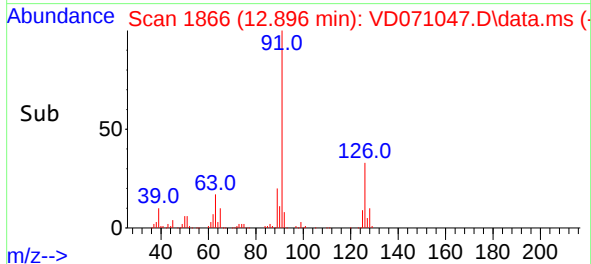
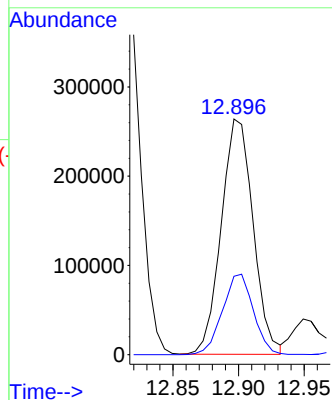
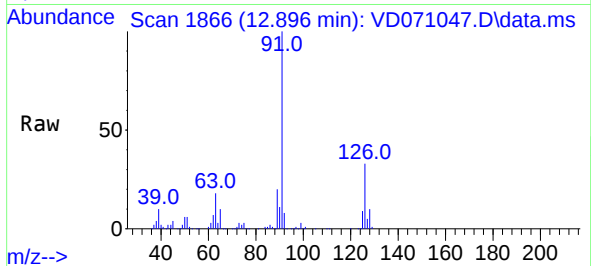
#79
2-Chlorotoluene
Concen: 52.018 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 446083
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7

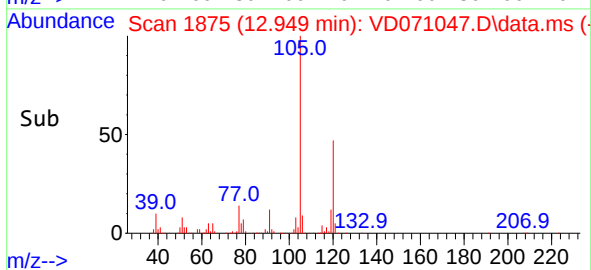
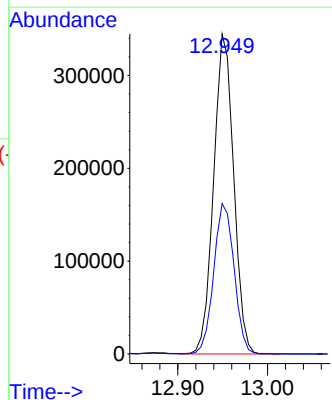
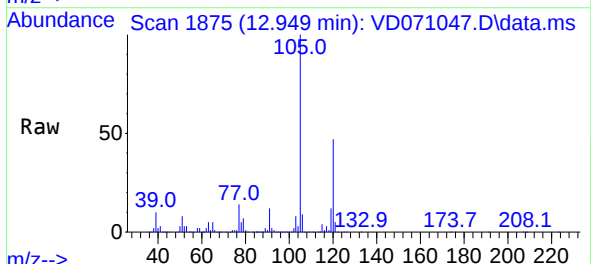
Manual Integrations
APPROVED

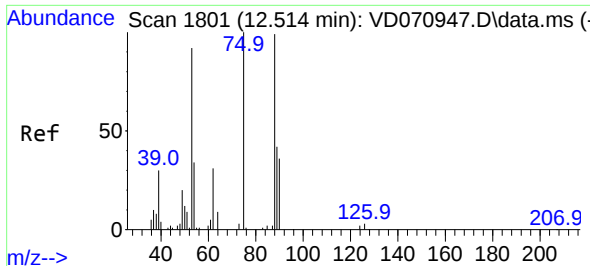
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.471 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

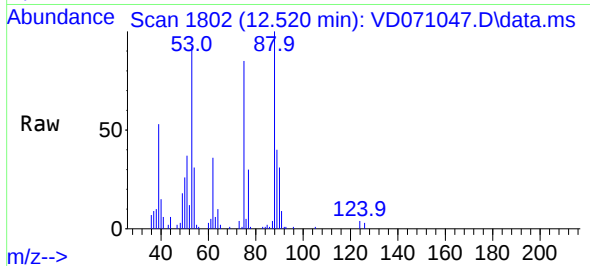
Tgt Ion:105 Resp: 534375
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.095 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

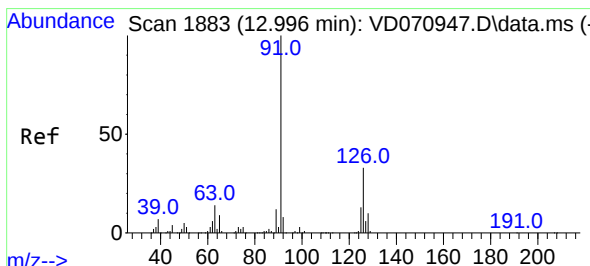
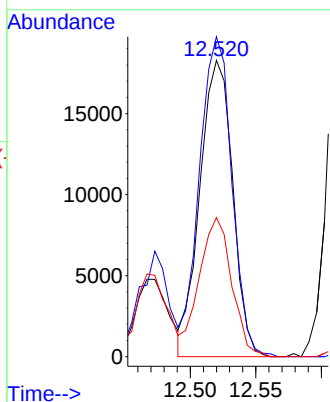
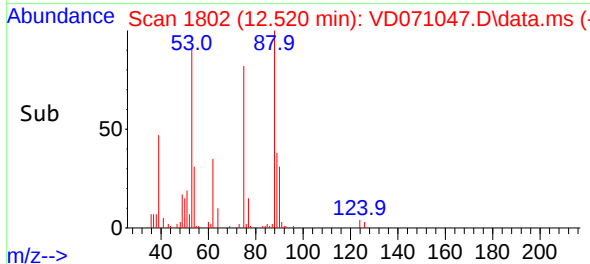
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



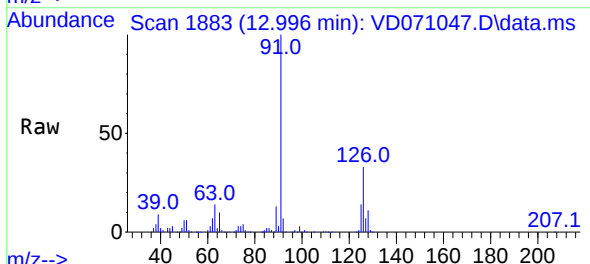
Tgt Ion: 75 Resp: 31820
Ion Ratio Lower Upper
75 100
53 106.5 62.6 94.0
89 46.7 34.5 51.7

Manual Integrations
APPROVED

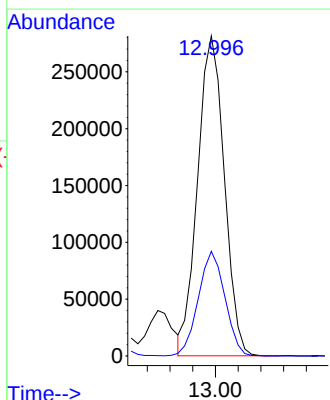
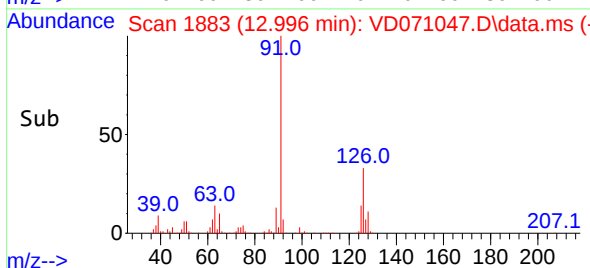
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

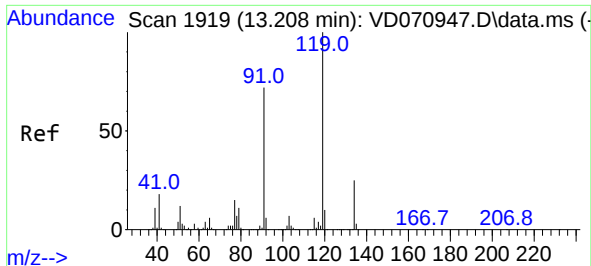


#82
4-Chlorotoluene
Concen: 51.851 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



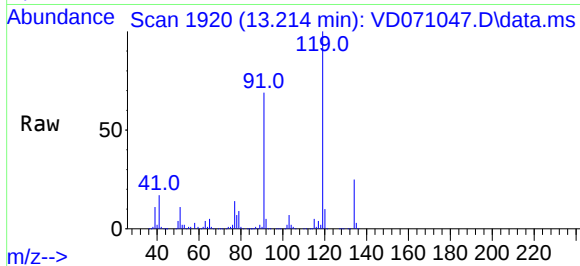
Tgt Ion: 91 Resp: 458898
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1





#83
tert-Butylbenzene
Concen: 52.790 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

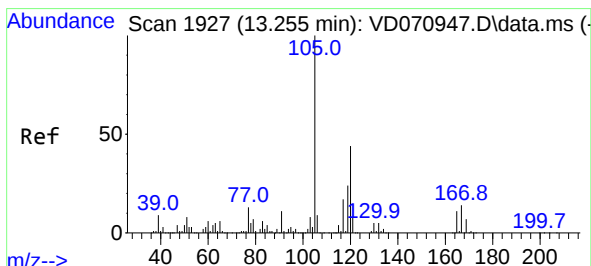
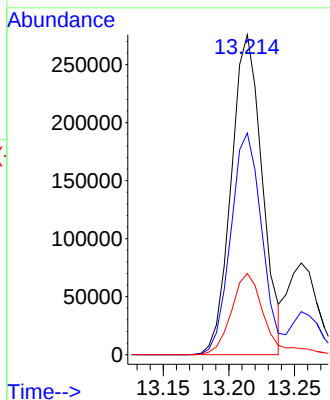
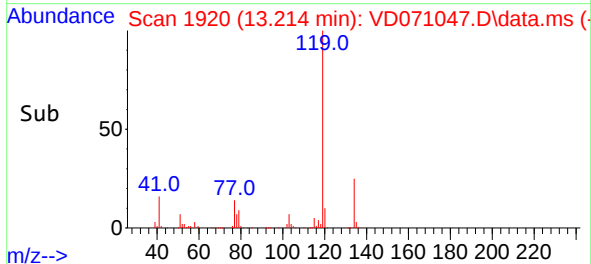
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



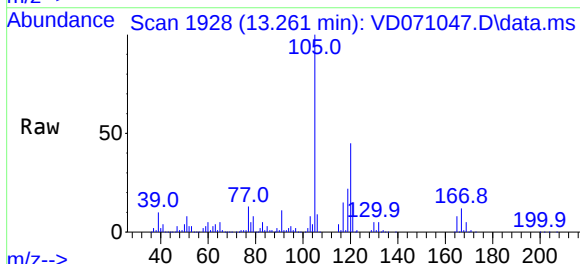
Tgt Ion:119 Resp: 454462
Ion Ratio Lower Upper
119 100
91 70.0 32.5 97.5
134 27.1 13.2 39.6

Manual Integrations
APPROVED

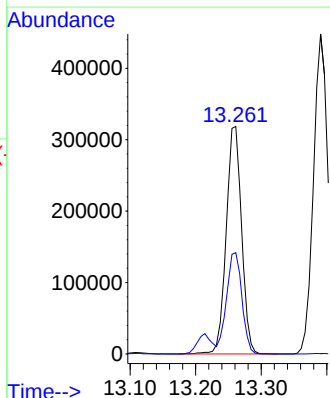
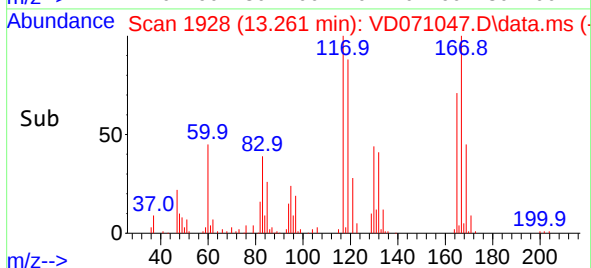
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

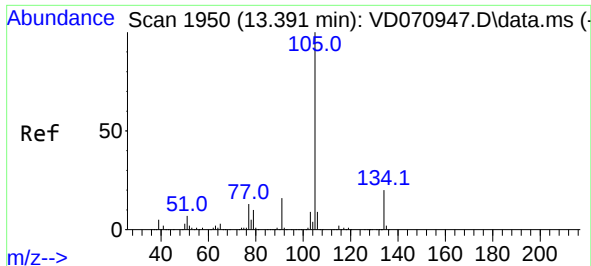


#84
1,2,4-Trimethylbenzene
Concen: 52.966 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion:105 Resp: 518394
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.7





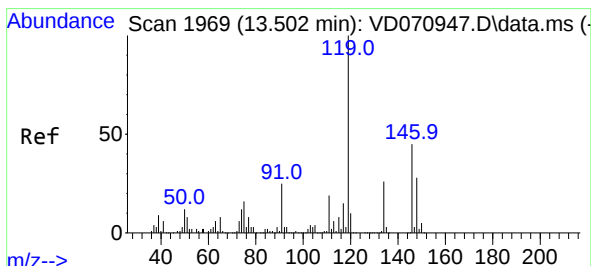
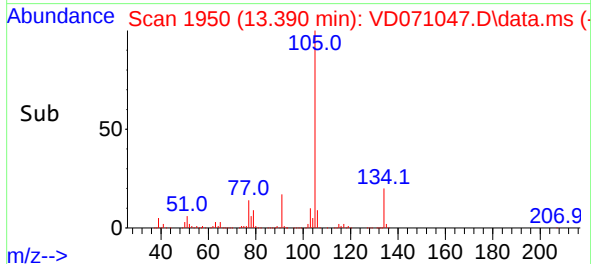
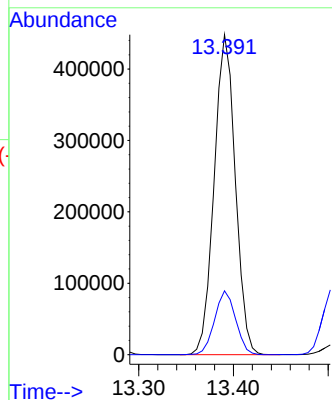
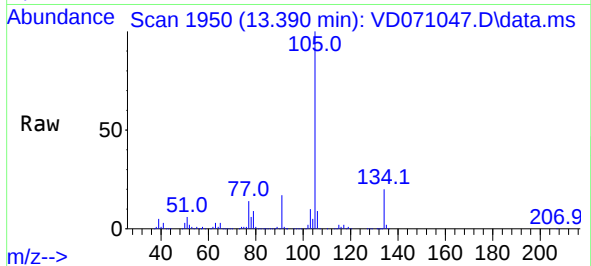
#85
 sec-Butylbenzene
 Concen: 53.739 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 69551
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9

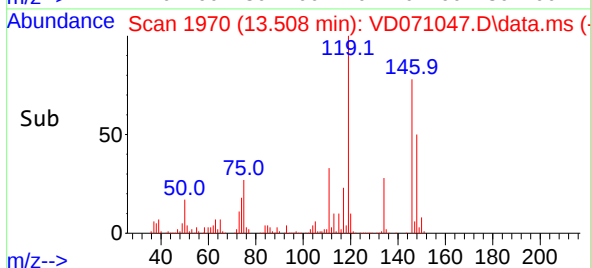
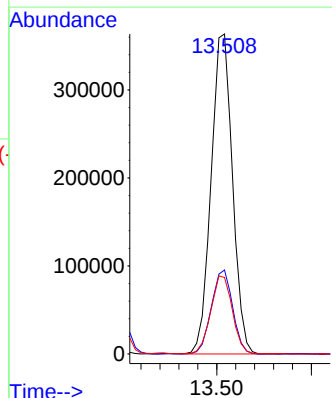
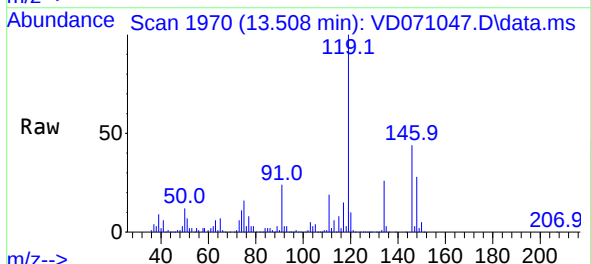
Manual Integrations
 APPROVED

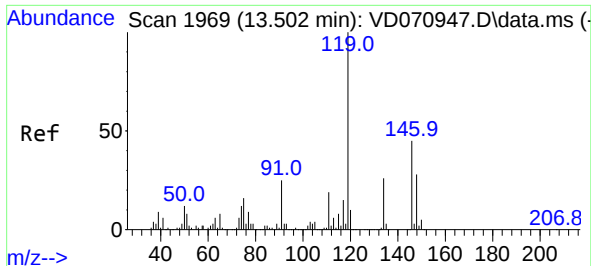
Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 54.917 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071047.D
 Acq: 16 Nov 2021 17:57

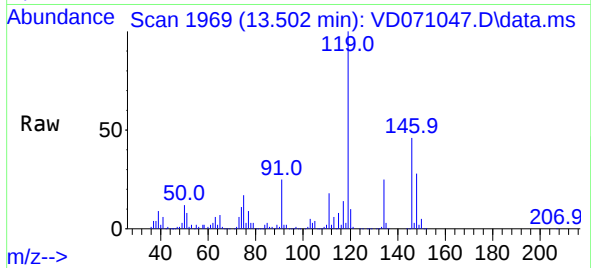
Tgt Ion:119 Resp: 570729
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.4 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 54.199 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

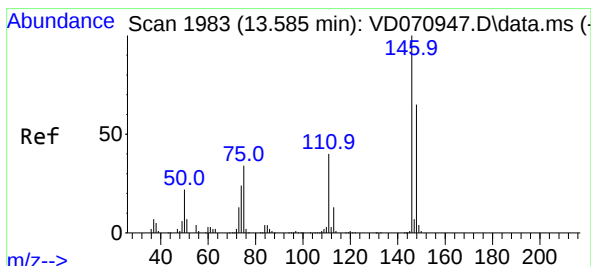
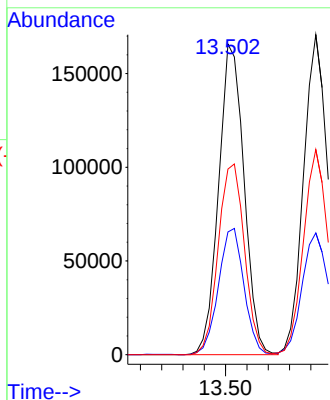
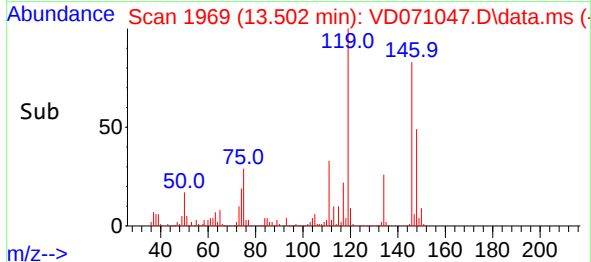
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



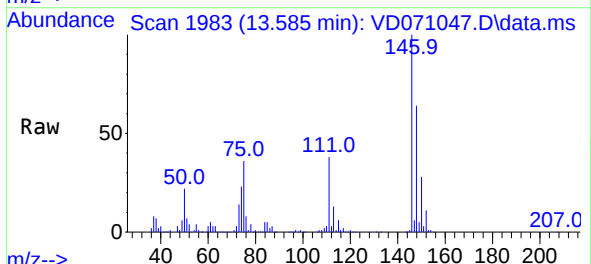
Tgt Ion:146 Resp: 274820
Ion Ratio Lower Upper
146 100
111 40.9 19.8 59.4
148 63.3 32.1 96.3

Manual Integrations
APPROVED

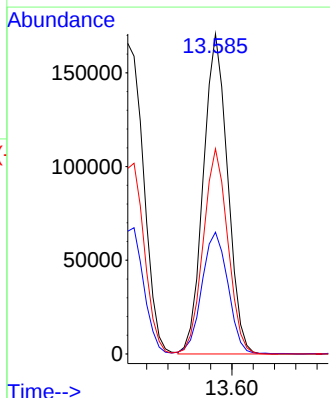
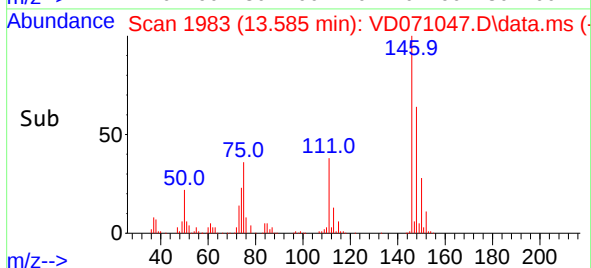
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

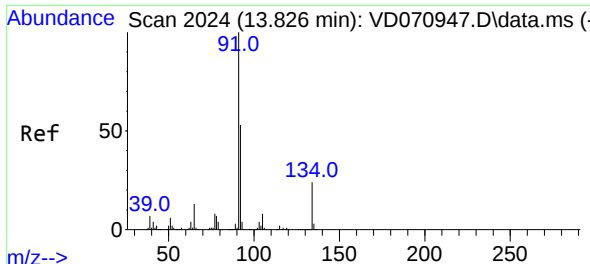


#88
1,4-Dichlorobenzene
Concen: 53.338 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion:146 Resp: 270793
Ion Ratio Lower Upper
146 100
111 41.1 19.6 58.8
148 65.0 31.5 94.5





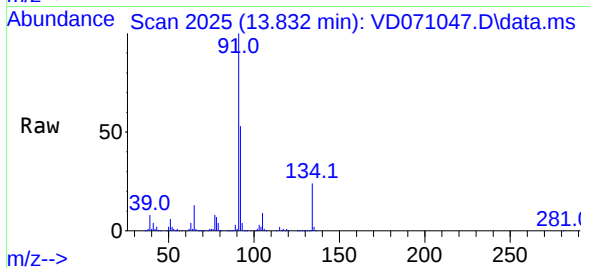
#89
n-Butylbenzene
Concen: 53.942 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

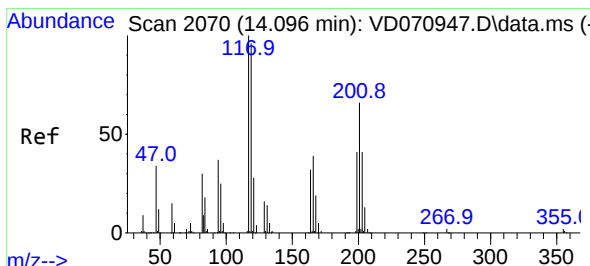
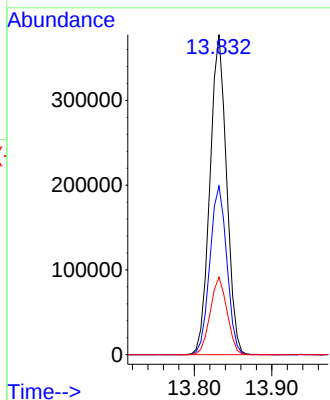
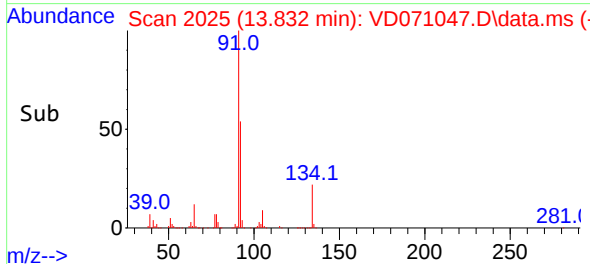


Tgt Ion: 91 Resp: 56338
Ion Ratio Lower Upper
91 100
92 53.6 27.3 81.9
134 24.4 12.3 36.9

Manual Integrations

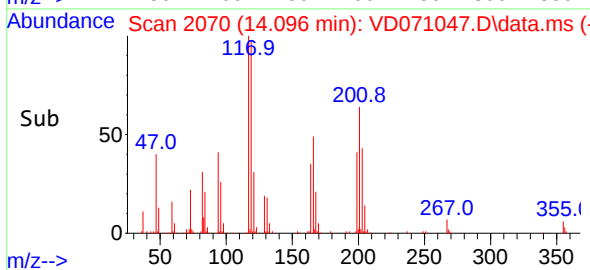
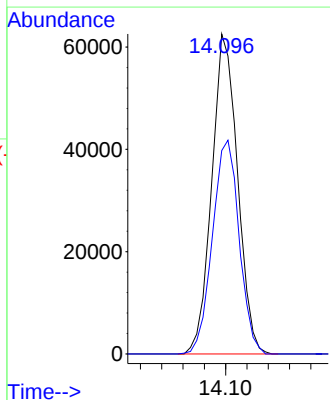
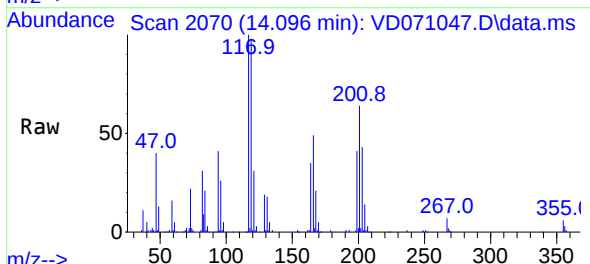
APPROVED

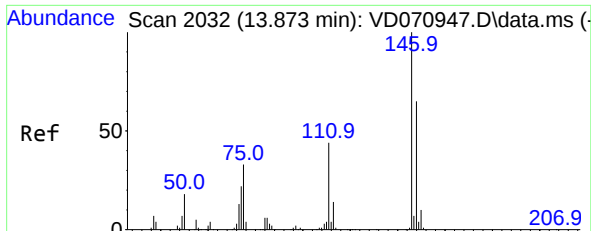
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 51.057 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

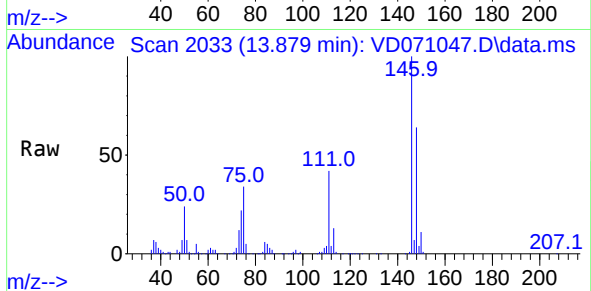
Tgt Ion:117 Resp: 105002
Ion Ratio Lower Upper
117 100
201 69.2 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 53.622 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

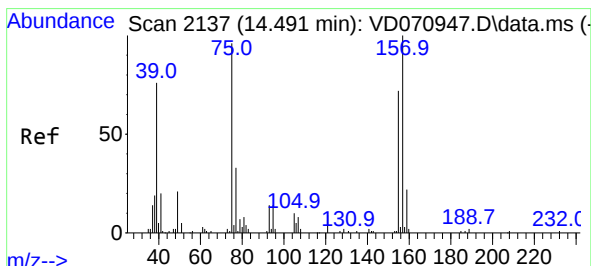
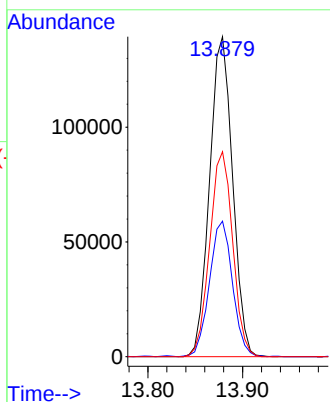
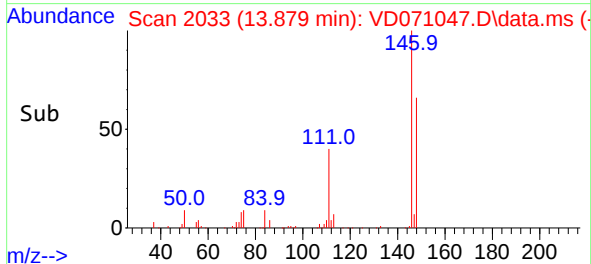
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



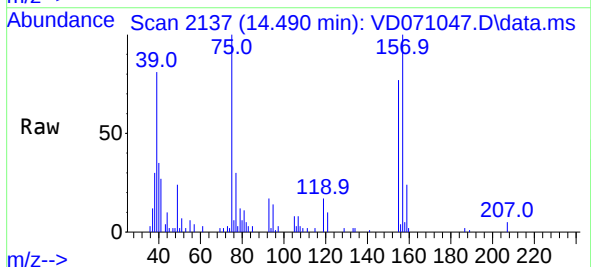
Tgt Ion:146 Resp: 235599
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.2
148 64.1 31.7 95.1

Manual Integrations
APPROVED

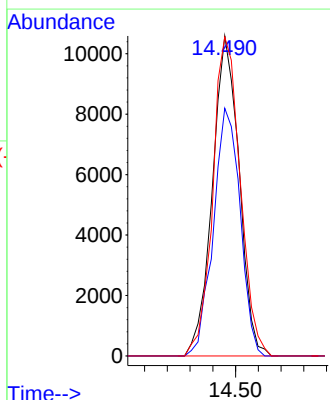
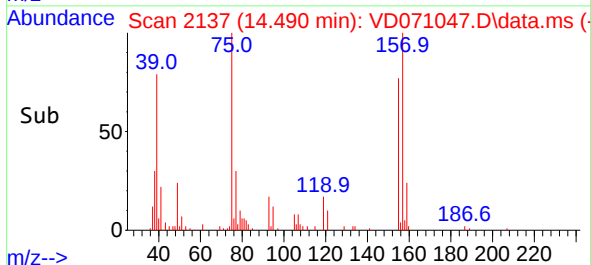
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

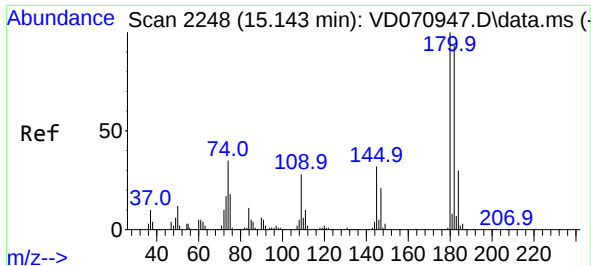


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.493 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



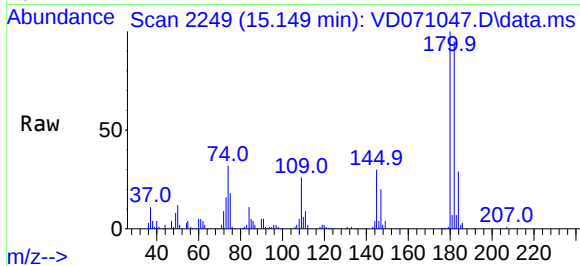
Tgt Ion: 75 Resp: 17301
Ion Ratio Lower Upper
75 100
155 77.4 40.0 120.0
157 102.1 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 53.426 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

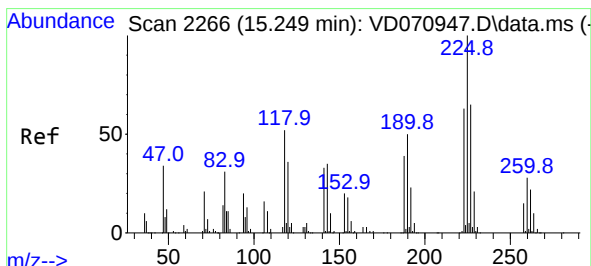
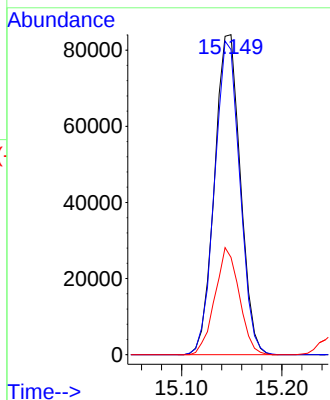
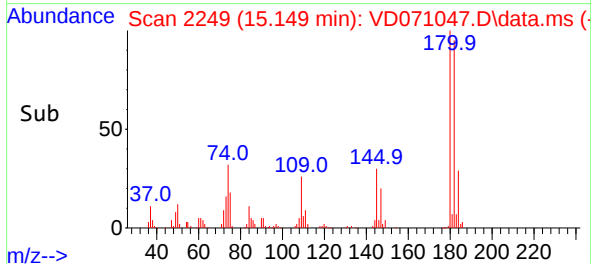
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



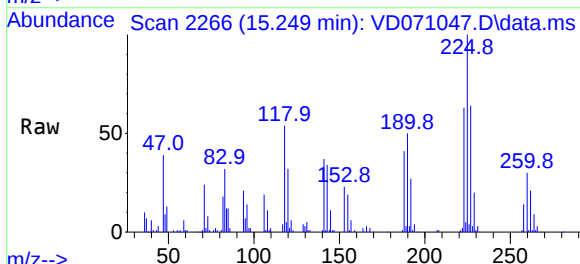
Tgt Ion:180 Resp: 15018
Ion Ratio Lower Upper
180 100
182 95.8 48.2 144.6
145 31.6 15.4 46.2

Manual Integrations
APPROVED

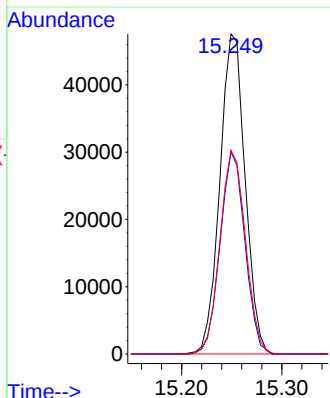
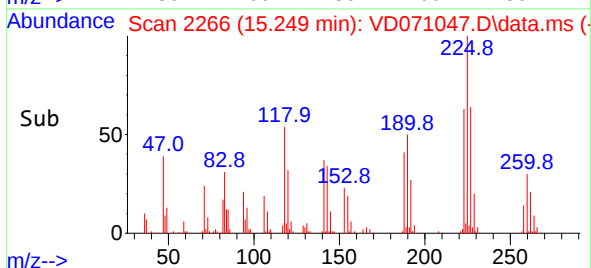
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

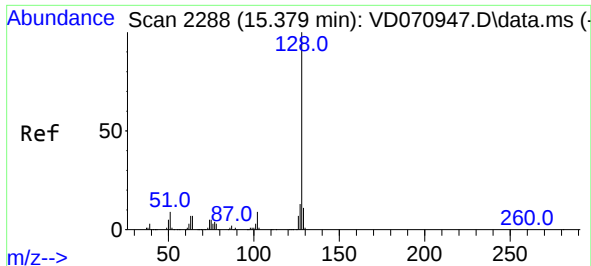


#94
Hexachlorobutadiene
Concen: 58.670 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



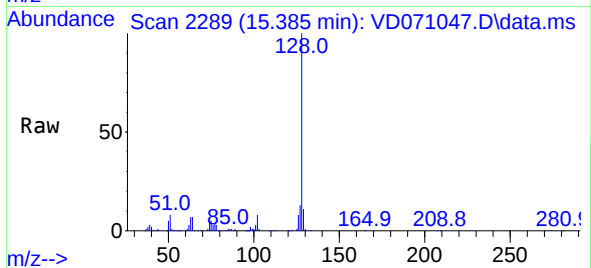
Tgt Ion:225 Resp: 83179
Ion Ratio Lower Upper
225 100
223 62.1 31.8 95.3
227 64.3 31.6 94.8





#95
Naphthalene
Concen: 51.749 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57

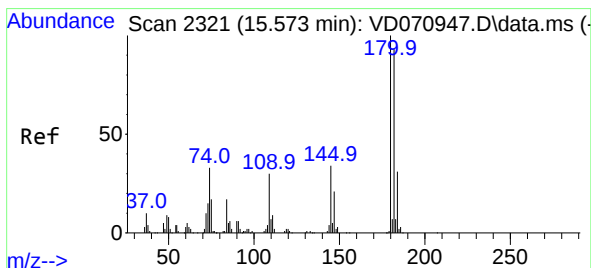
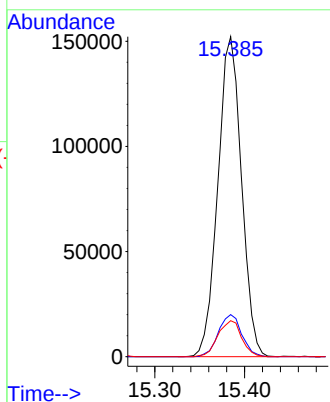
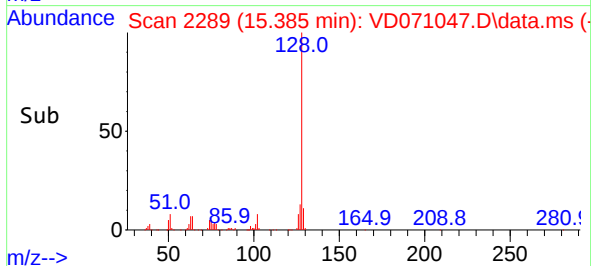
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



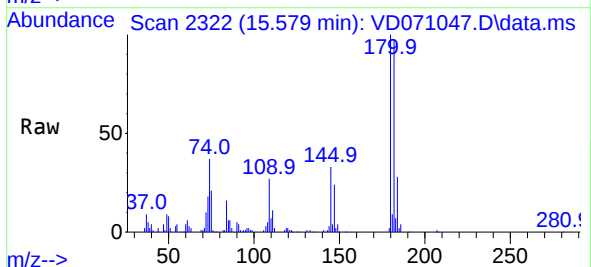
Tgt Ion:128 Resp: 277777
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 54.102 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD071047.D
Acq: 16 Nov 2021 17:57



Tgt Ion:180 Resp: 127878
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.1
145 33.6 15.9 47.6

