

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070983.D
 Acq On : 11 Nov 2021 11:12
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 07:57:45 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	300864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	484104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159326	49.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.480%		
35) Dibromofluoromethane	7.908	113	148986	49.506	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.020%		
50) Toluene-d8	10.332	98	569243	48.299	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.620	95	200356	47.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	53796	20.928	ug/l	100
3) Chloromethane	2.209	50	66820	21.845	ug/l	96
4) Vinyl Chloride	2.350	62	68262	23.205	ug/l	97
5) Bromomethane	2.756	94	46213	23.048	ug/l	93
6) Chloroethane	2.915	64	42071	22.268	ug/l	97
7) Trichlorofluoromethane	3.268	101	94087	19.874	ug/l	98
8) Diethyl Ether	3.715	74	27228	17.378	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	53139	18.209	ug/l	94
10) Methyl Iodide	4.297	142	42957	16.849	ug/l	96
11) Tert butyl alcohol	5.214	59	19245	82.206	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	52095	18.234	ug/l	86
13) Acrolein	3.920	56	7829	106.336	ug/l	96
14) Allyl chloride	4.709	41	103139	17.332	ug/l #	84
15) Acrylonitrile	5.414	53	66218	88.322	ug/l	97
16) Acetone	4.156	43	55664	79.047	ug/l	90
17) Carbon Disulfide	4.409	76	162494	17.615	ug/l	100
18) Methyl Acetate	4.715	43	50439	18.354	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	132635	17.984	ug/l	95
20) Methylene Chloride	4.967	84	74478	20.196	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	59202	18.079	ug/l	87
22) Diisopropyl ether	6.361	45	204498	17.286	ug/l	93
23) Vinyl Acetate	6.303	43	482610	90.997	ug/l	100
24) 1,1-Dichloroethane	6.261	63	111226	17.602	ug/l	99
25) 2-Butanone	7.208	43	86666	91.575	ug/l	90
26) 2,2-Dichloropropane	7.203	77	94113	17.648	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	65283	17.440	ug/l	92
28) Bromochloromethane	7.544	49	55132	20.571	ug/l	88
29) Tetrahydrofuran	7.561	42	55585	85.403	ug/l	94
30) Chloroform	7.708	83	106712	17.763	ug/l	95
31) Cyclohexane	7.985	56	115335	17.508	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	93411	18.104	ug/l	96
36) 1,1-Dichloropropene	8.108	75	85157	17.883	ug/l	97
37) Ethyl Acetate	7.285	43	38931	17.920	ug/l #	91
38) Carbon Tetrachloride	8.097	117	79987	18.240	ug/l	99
39) Methylcyclohexane	9.350	83	107650	17.504	ug/l	99
40) Benzene	8.350	78	232920	17.369	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	23601	17.313	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	70474	18.554	ug/l	93
43) Isopropyl Acetate	8.450	43	80507	17.510	ug/l #	89
44) Trichloroethene	9.108	130	60148	17.401	ug/l	91
45) 1,2-Dichloropropane	9.385	63	62381	17.201	ug/l	99
46) Dibromomethane	9.467	93	30309	17.558	ug/l	94
47) Bromodichloromethane	9.655	83	82589	18.088	ug/l	94
48) Methyl methacrylate	9.450	41	39316	17.431	ug/l #	84
49) 1,4-Dioxane	9.455	88	7259	362.935	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	193307	86.721	ug/l	92
52) Toluene	10.397	92	145448	17.206	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	79569	17.281	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	93700	17.257	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	41129	17.335	ug/l	93
56) Ethyl methacrylate	10.655	69	56191	16.739	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	75740	17.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	172831	99.035	ug/l	98
59) 2-Hexanone	10.979	43	131299	86.458	ug/l	89
60) Dibromochloromethane	11.132	129	50892	17.881	ug/l	99
61) 1,2-Dibromoethane	11.238	107	40644	17.611	ug/l	97
64) Tetrachloroethene	10.873	164	49683	17.600	ug/l	92
65) Chlorobenzene	11.661	112	150780	17.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	53716	17.521	ug/l	98
67) Ethyl Benzene	11.738	91	282449	17.267	ug/l	100
68) m/p-Xylenes	11.844	106	214238	35.043	ug/l	96
69) o-Xylene	12.173	106	102979	17.709	ug/l	97
70) Styrene	12.185	104	173486	17.620	ug/l	98
71) Bromoform	12.349	173	27815	17.398	ug/l #	99
73) Isopropylbenzene	12.473	105	271310	17.200	ug/l	99
74) N-amyl acetate	12.279	43	74368	16.503	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	47944	17.659	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	30032m	16.057	ug/l	
77) Bromobenzene	12.755	156	60544	17.964	ug/l	97
78) n-propylbenzene	12.808	91	336289	17.206	ug/l	99
79) 2-Chlorotoluene	12.896	91	187502	16.825	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	223440	17.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	14211	17.009	ug/l #	83
82) 4-Chlorotoluene	12.996	91	201492	17.519	ug/l	97
83) tert-Butylbenzene	13.214	119	187101	16.724	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	220921	17.369	ug/l	98
85) sec-Butylbenzene	13.391	105	290448	17.268	ug/l	100
86) p-Isopropyltoluene	13.502	119	235150	17.411	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	116604	17.695	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	116661	17.682	ug/l	97
89) n-Butylbenzene	13.832	91	234075	17.246	ug/l	100
90) Hexachloroethane	14.096	117	45305	16.952	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	101147	17.714	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	7130	16.012	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	65129	17.828	ug/l	98
94) Hexachlorobutadiene	15.249	225	33260	18.052	ug/l	99
95) Naphthalene	15.379	128	117995	16.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	54255	17.663	ug/l	97

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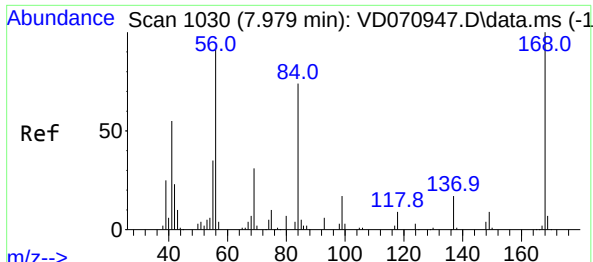
Manual Integrations
APPROVED

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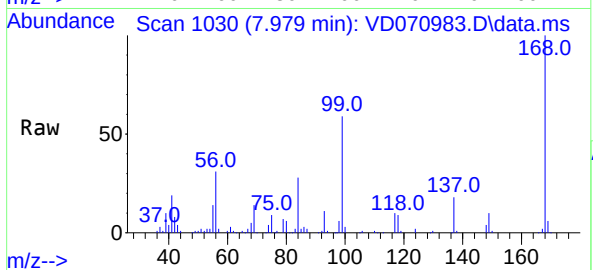
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

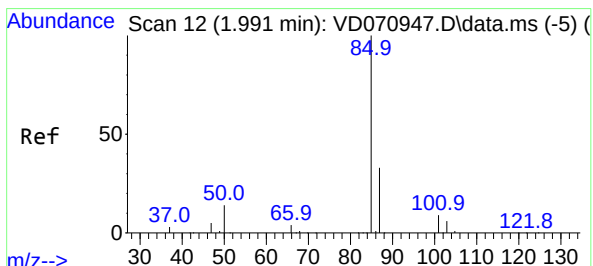
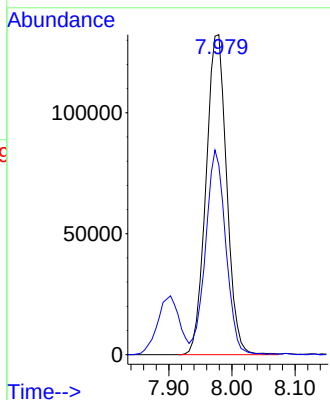
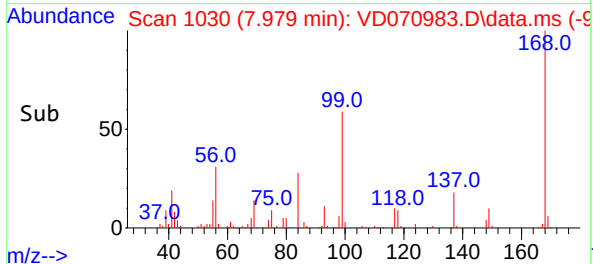
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



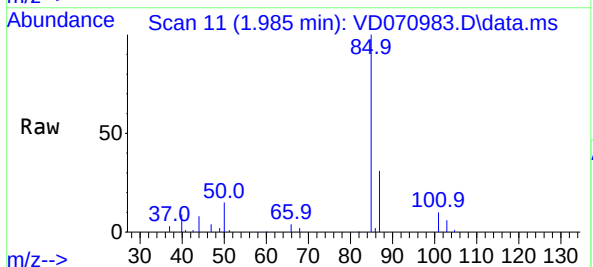
Tgt Ion:168 Resp: 300864
Ion Ratio Lower Upper
168 100
99 58.9 46.6 69.8

Manual Integrations
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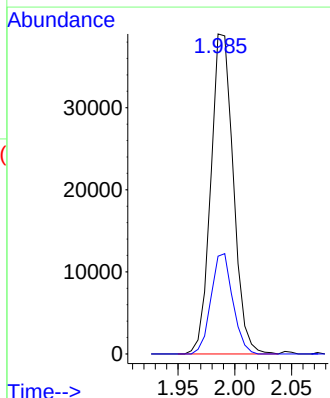
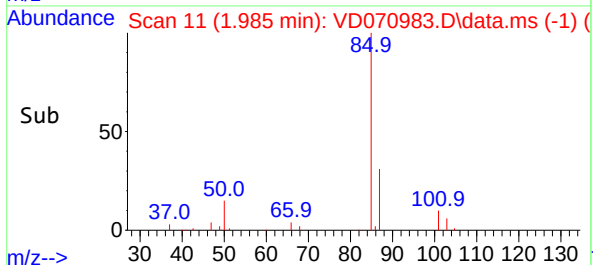
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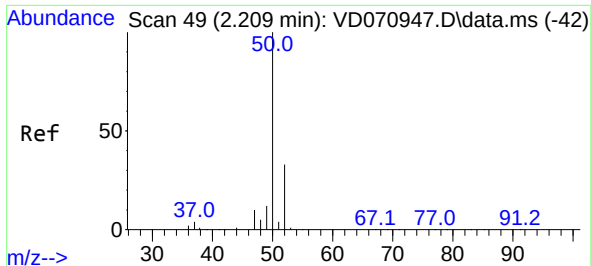


#2
Dichlorodifluoromethane
Concen: 20.928 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



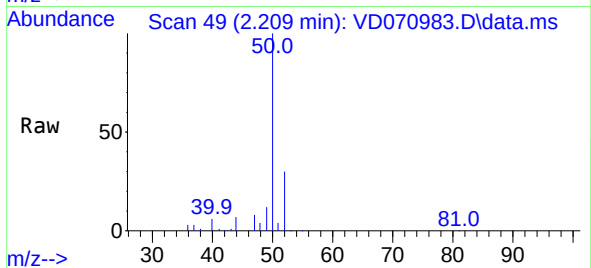
Tgt Ion: 85 Resp: 53796
Ion Ratio Lower Upper
85 100
87 30.5 15.2 45.6





#3
Chloromethane
Concen: 21.845 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

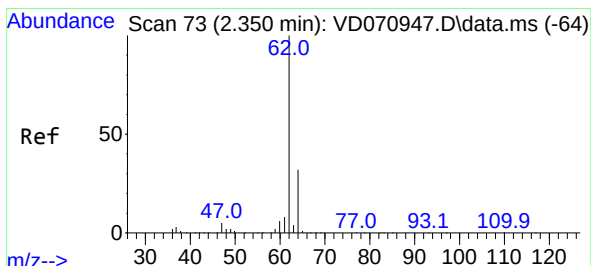
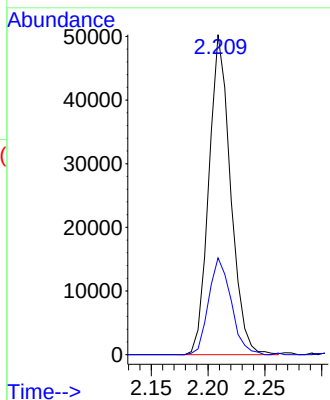
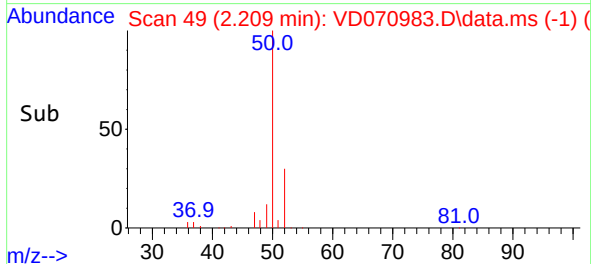
Instrument :
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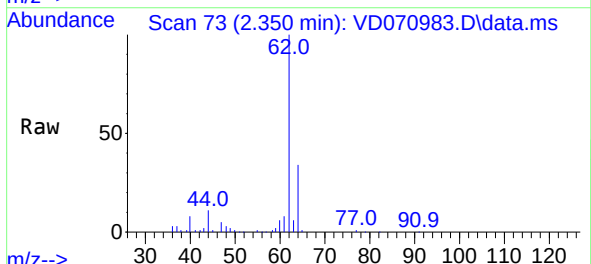
Tgt Ion: 50 Resp: 66820
Ion Ratio Lower Upper
50 100
52 30.2 25.8 38.8

Manual Integrations
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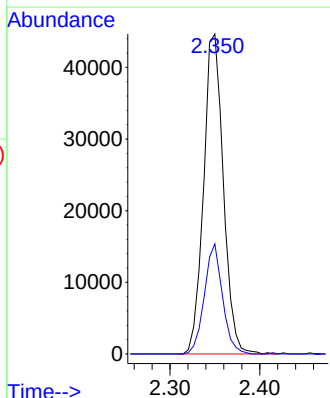
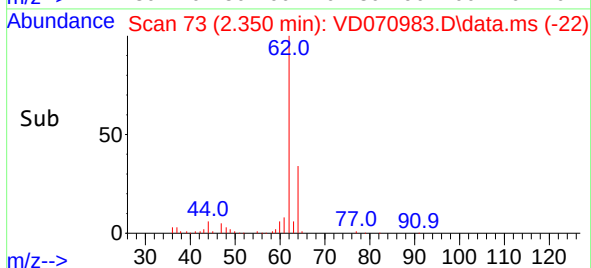
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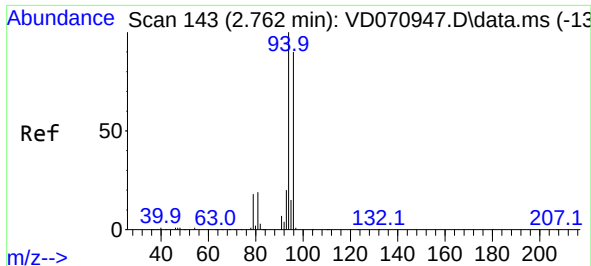


#4
Vinyl Chloride
Concen: 23.205 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



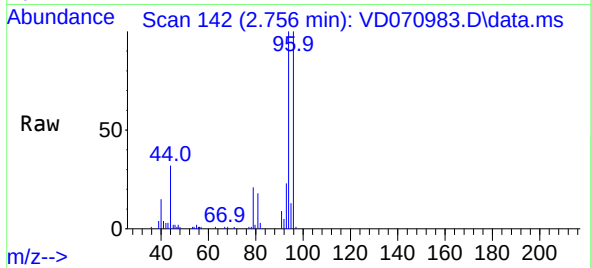
Tgt Ion: 62 Resp: 68262
Ion Ratio Lower Upper
62 100
64 34.4 26.0 39.0





#5
Bromomethane
Concen: 23.048 ug/l
RT: 2.756 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

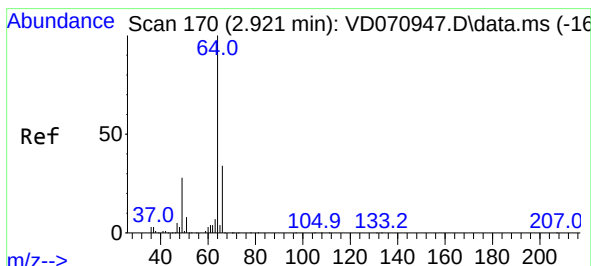
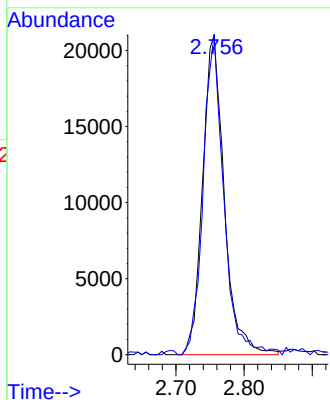
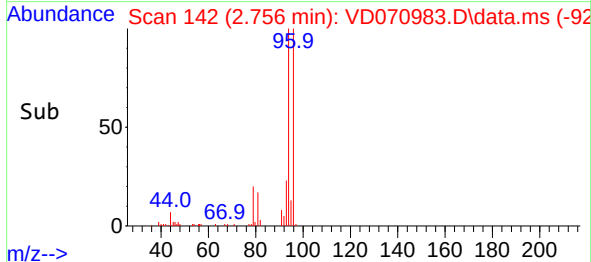
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 4621
Ion Ratio Lower Upper
94 100
96 100.2 74.8 112.2

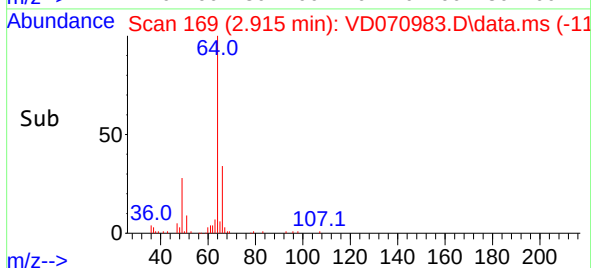
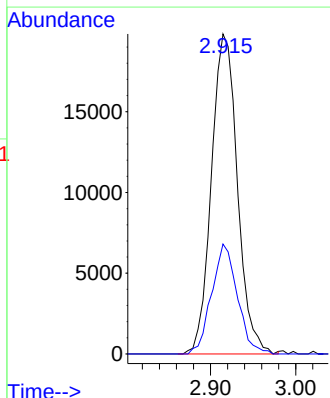
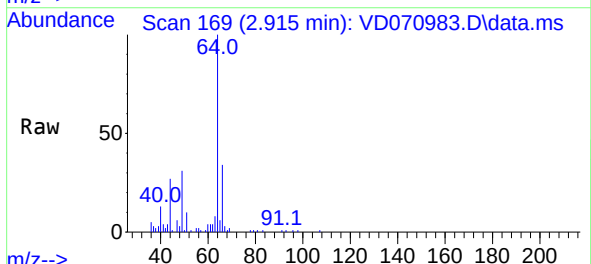
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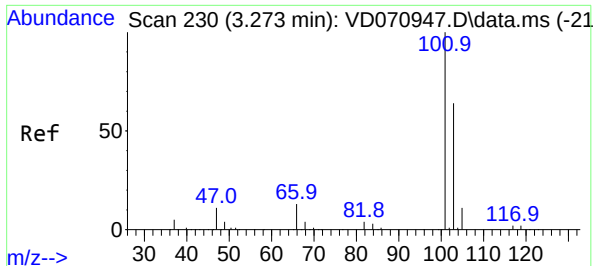
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 22.268 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Tgt Ion: 64 Resp: 42071
Ion Ratio Lower Upper
64 100
66 34.3 29.0 43.4





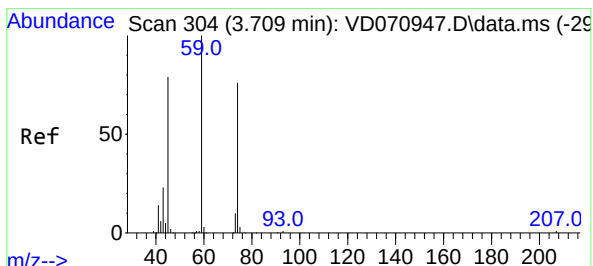
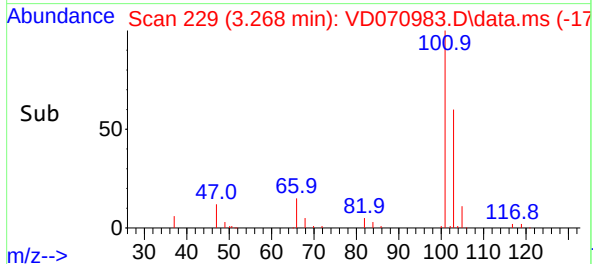
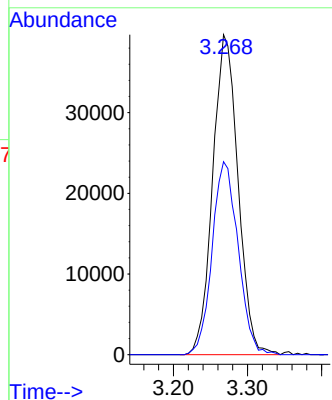
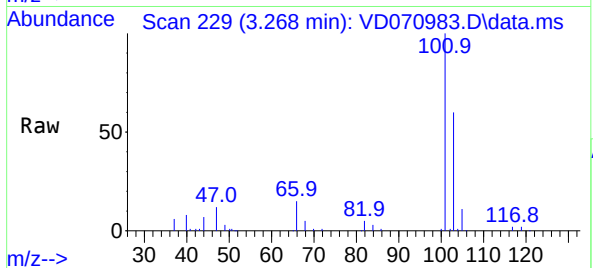
#7
Trichlorofluoromethane
Concen: 19.874 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion:101 Resp: 9408
Ion Ratio Lower Upper
101 100
103 60.3 49.7 74.5

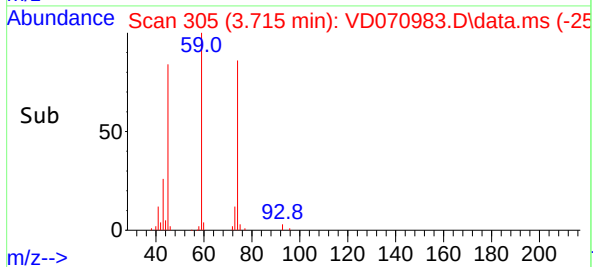
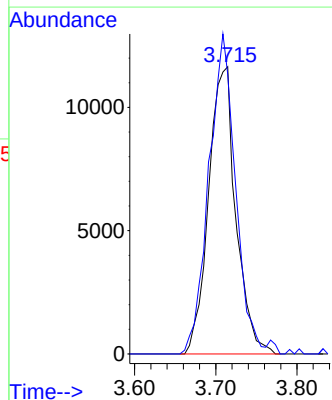
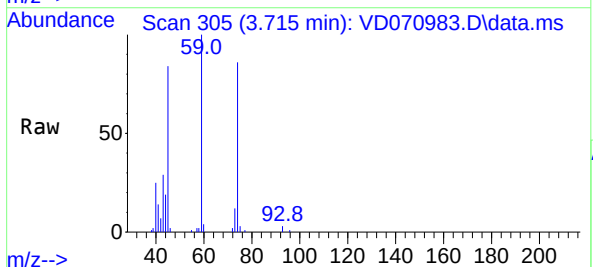
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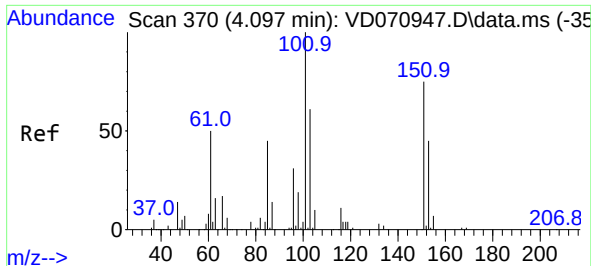
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Diethyl Ether
Concen: 17.378 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD070983.D
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Tgt Ion: 74 Resp: 27228
Ion Ratio Lower Upper
74 100
45 108.6 49.6 149.0





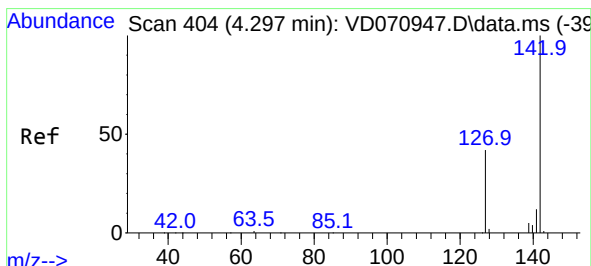
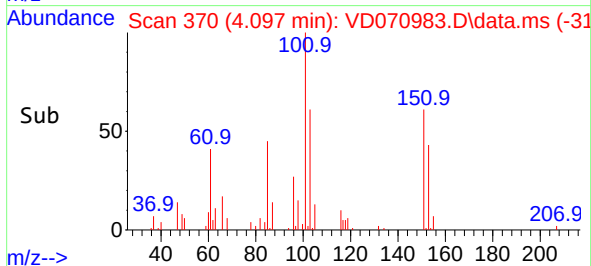
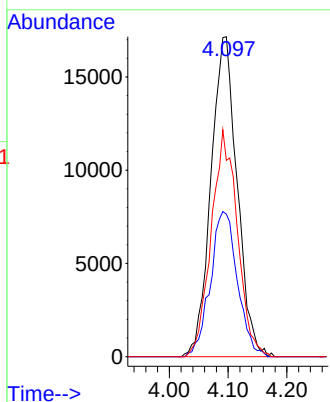
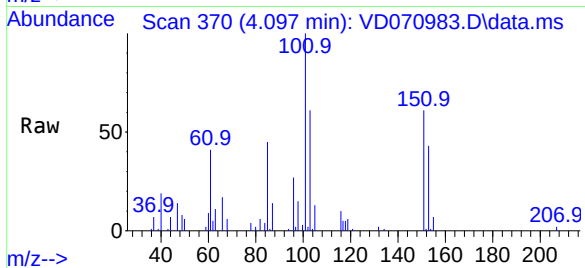
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.209 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion:101 Resp: 53139
Ion Ratio Lower Upper
101 100
85 46.9 34.8 52.2
151 70.6 60.4 90.6

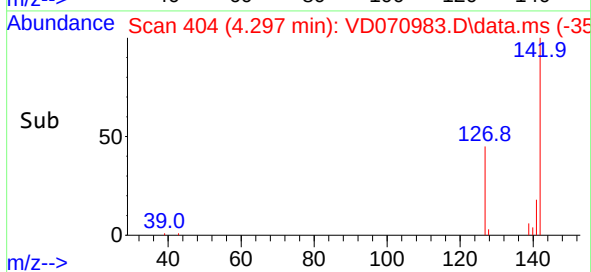
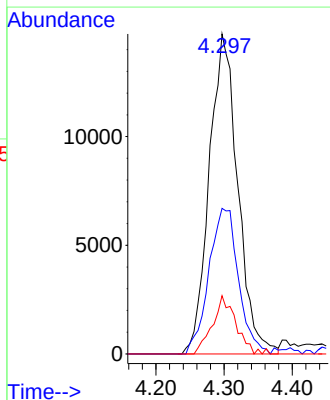
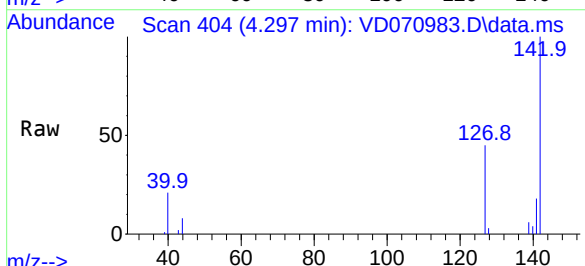
Manual Integrations
APPROVED

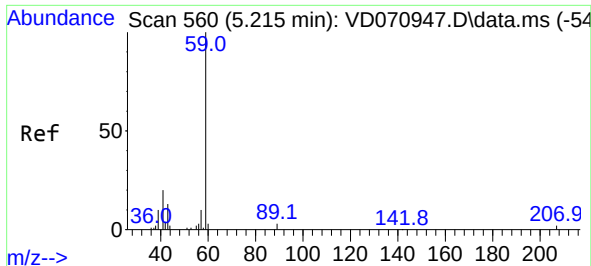
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 16.849 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

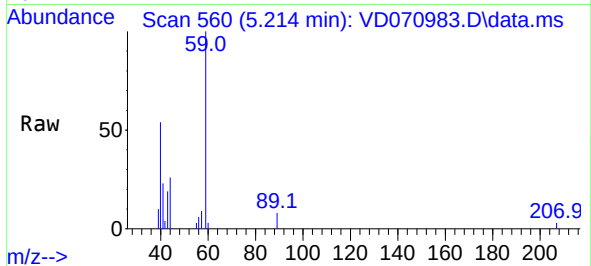
Tgt Ion:142 Resp: 42957
Ion Ratio Lower Upper
142 100
127 47.1 35.0 52.4
141 15.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 82.206 ug/l
RT: 5.214 min Scan# 509
Delta R.T. -0.001 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

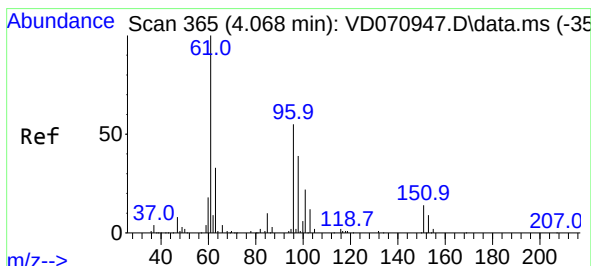
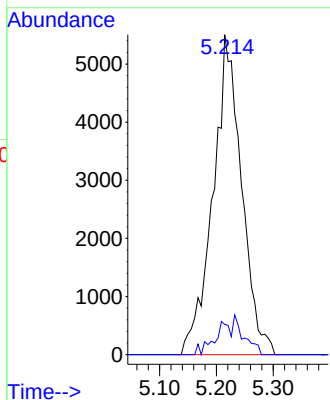
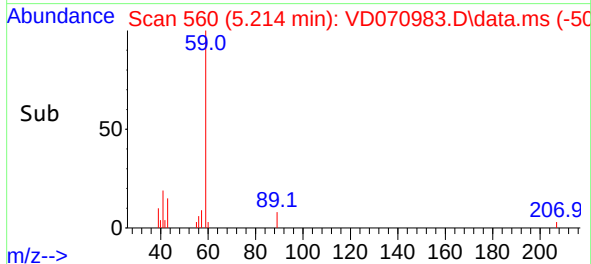
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



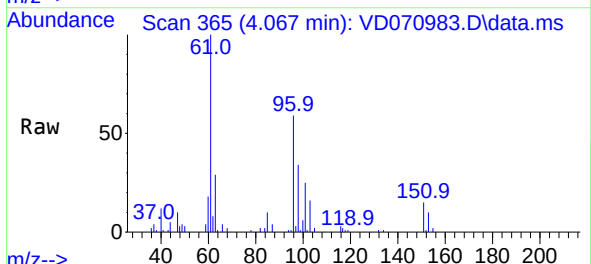
Tgt Ion: 59 Resp: 19245
Ion Ratio Lower Upper
59 100
57 5.9 9.0 13.4

Manual Integrations
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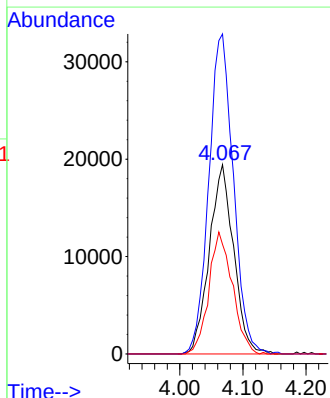
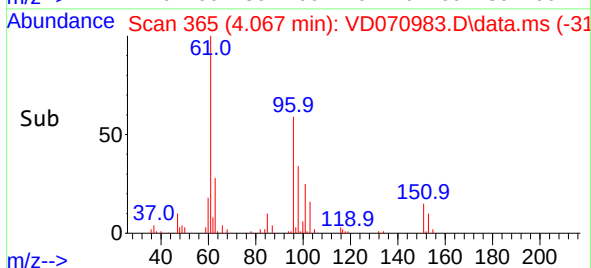
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

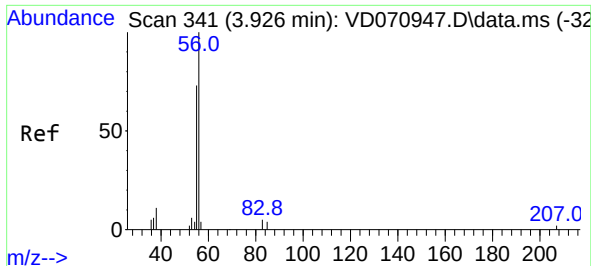


#12
1,1-Dichloroethene
Concen: 18.234 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



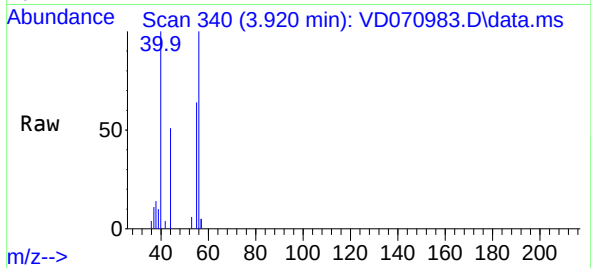
Tgt Ion: 96 Resp: 52095
Ion Ratio Lower Upper
96 100
61 169.0 120.3 180.5
98 57.9 54.4 81.6





#13
Acrolein
Concen: 106.336 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

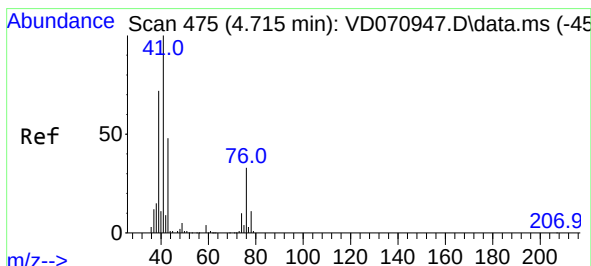
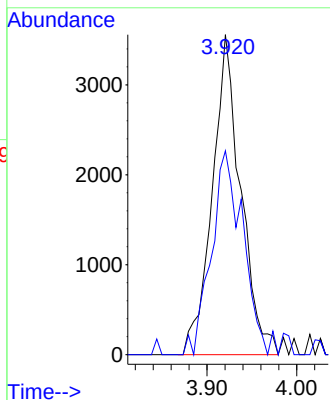
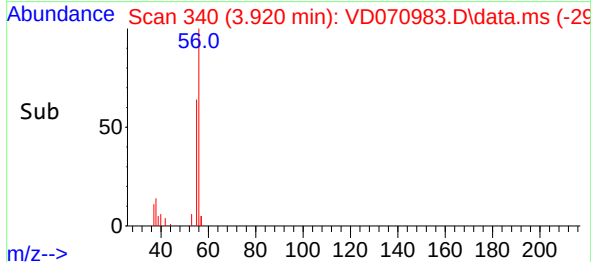
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



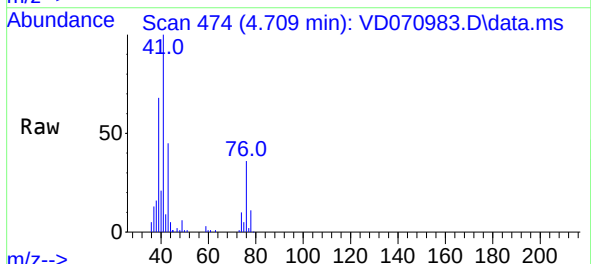
Tgt Ion: 56 Resp: 7829
Ion Ratio Lower Upper
56 100
55 69.9 58.6 87.8

Manual Integrations
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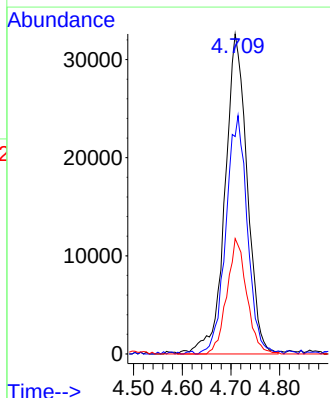
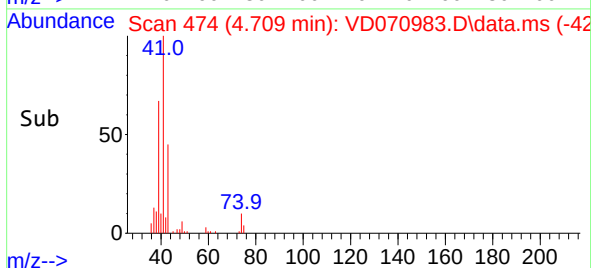
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

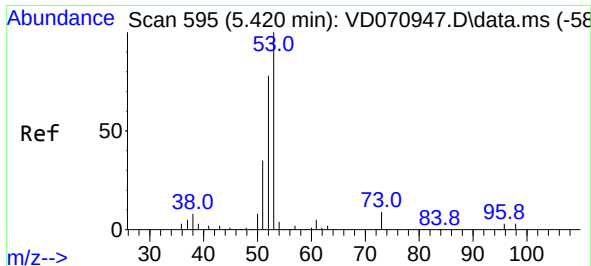


#14
Allyl chloride
Concen: 17.332 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



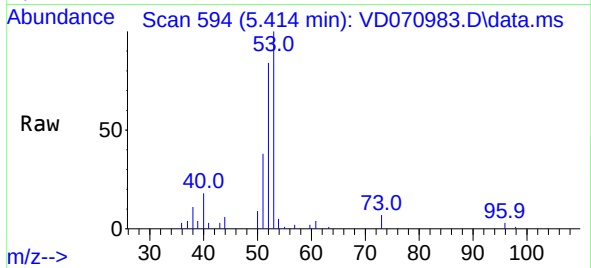
Tgt Ion: 41 Resp: 103139
Ion Ratio Lower Upper
41 100
39 72.0 45.6 68.4#
76 32.3 30.2 45.4





#15
Acrylonitrile
Concen: 88.322 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

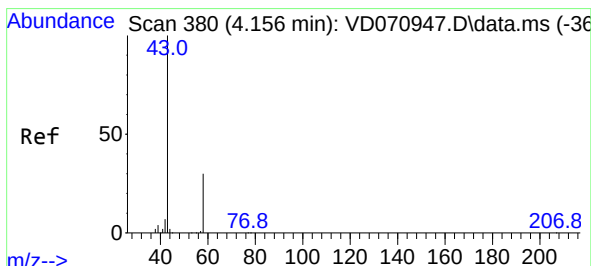
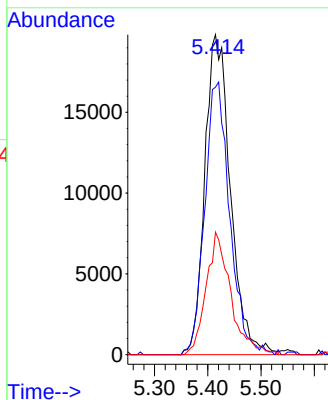
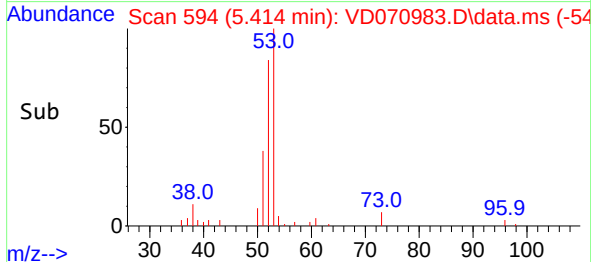
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



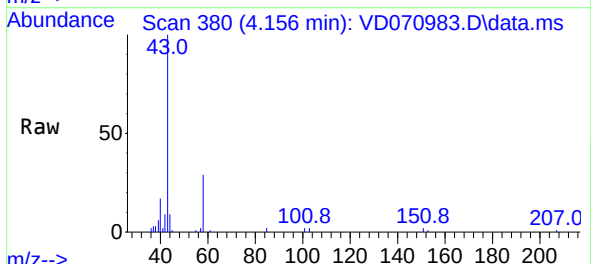
Tgt Ion: 53 Resp: 66218
Ion Ratio Lower Upper
53 100
52 83.2 63.8 95.8
51 36.9 28.5 42.7

Manual Integrations
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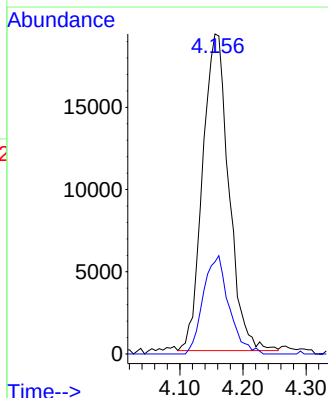
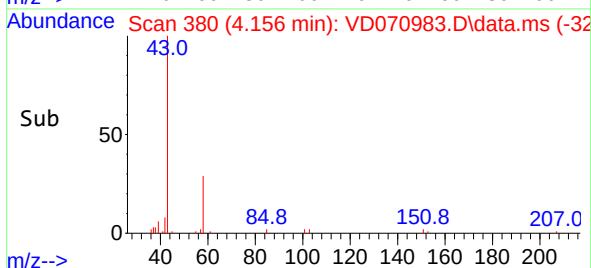
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

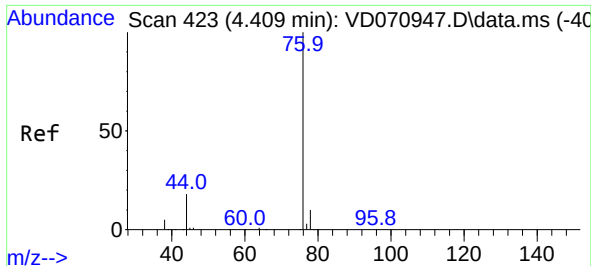


#16
Acetone
Concen: 79.047 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



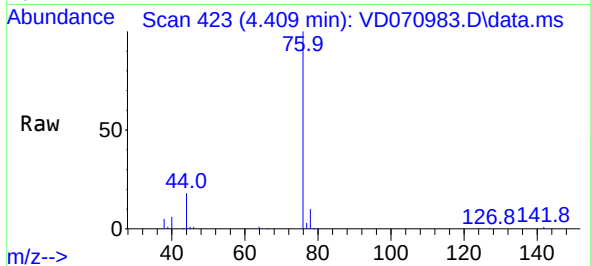
Tgt Ion: 43 Resp: 55664
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8





#17
Carbon Disulfide
Concen: 17.615 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

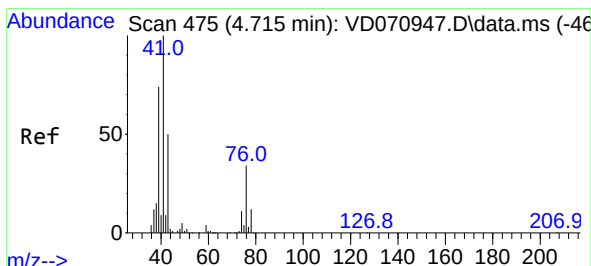
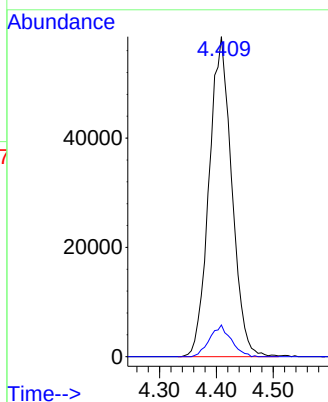
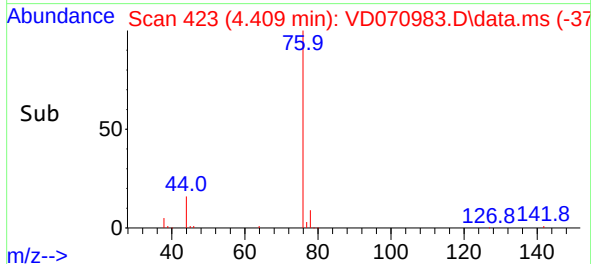
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



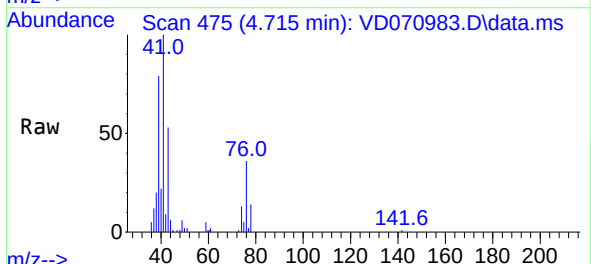
Tgt Ion: 76 Resp: 162494
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8

Manual Integrations
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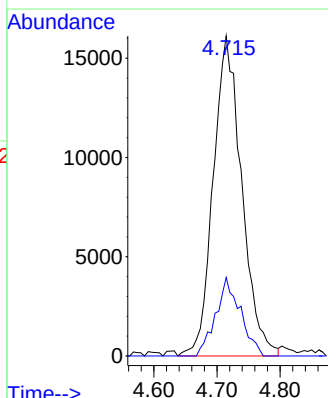
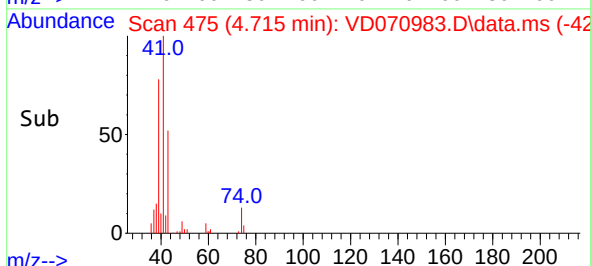
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

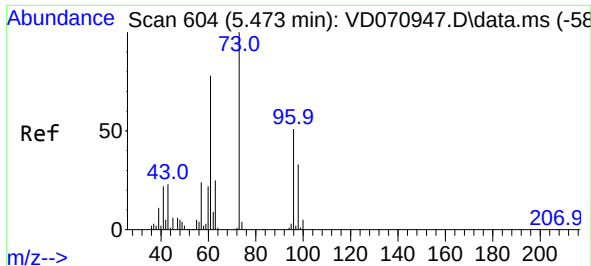


#18
Methyl Acetate
Concen: 18.354 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



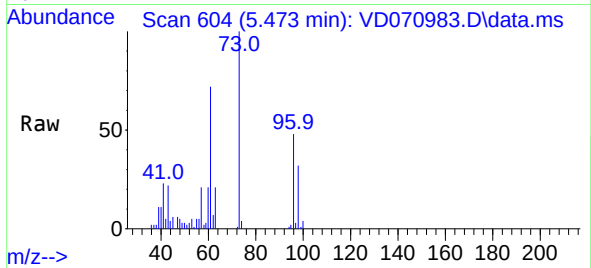
Tgt Ion: 43 Resp: 50439
Ion Ratio Lower Upper
43 100
74 21.2 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 17.984 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

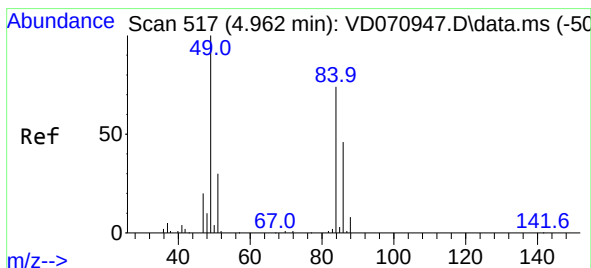
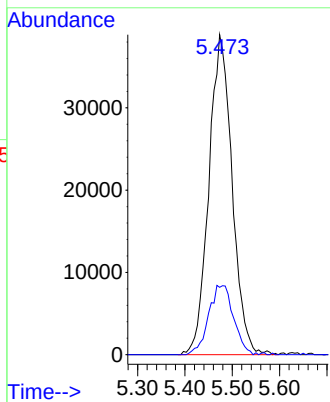
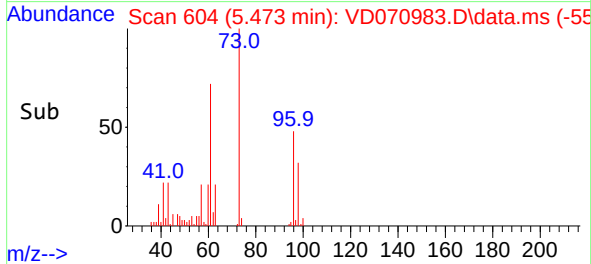
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



Tgt Ion: 73 Resp: 13263
Ion Ratio Lower Upper
73 100
57 21.1 18.9 28.3

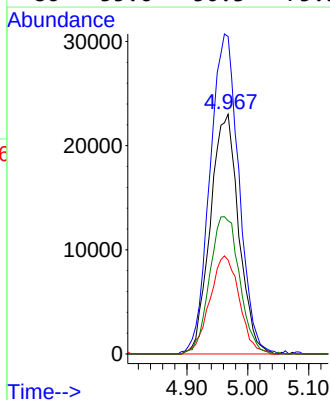
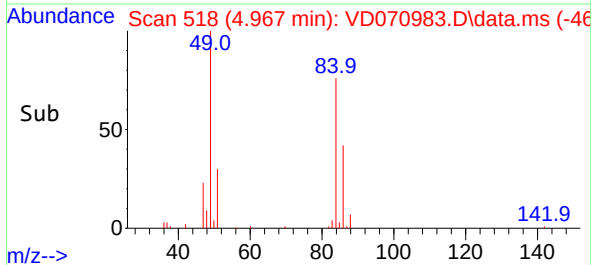
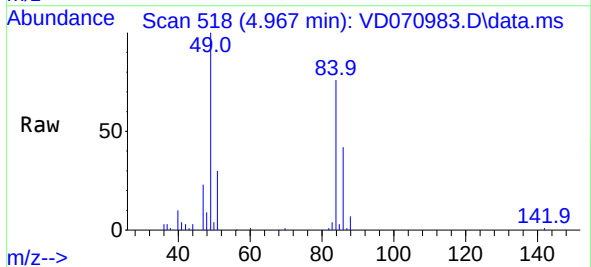
Manual Integrations
APPROVED

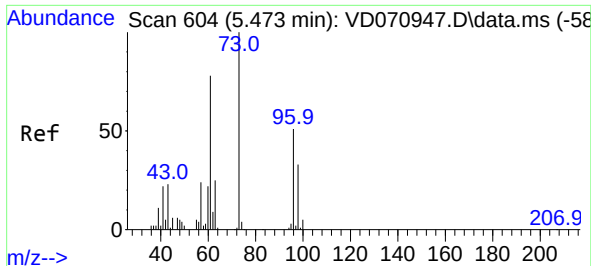
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 20.196 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

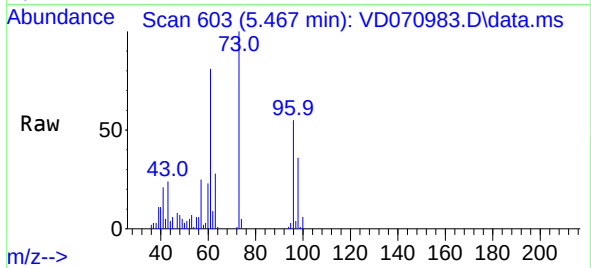
Tgt Ion: 84 Resp: 74478
Ion Ratio Lower Upper
84 100
49 132.4 95.8 143.6
51 39.2 30.9 46.3
86 55.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 18.079 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

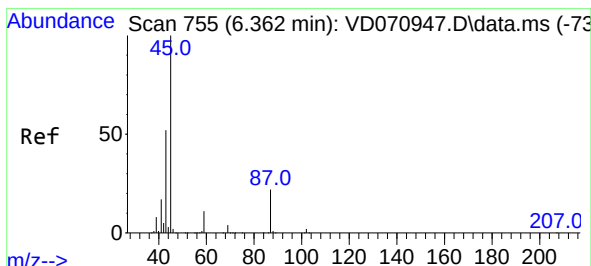
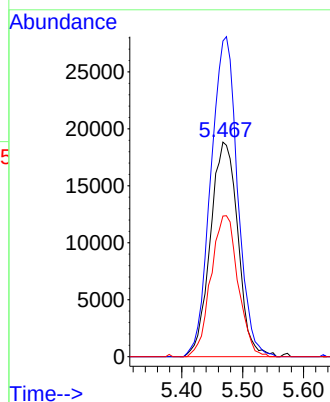
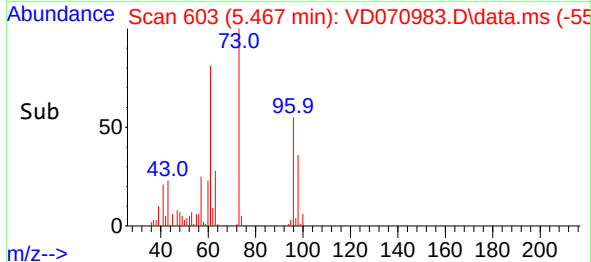
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



Tgt Ion: 96 Resp: 5920
Ion Ratio Lower Upper
96 100
61 147.1 102.1 153.1
98 65.6 50.1 75.1

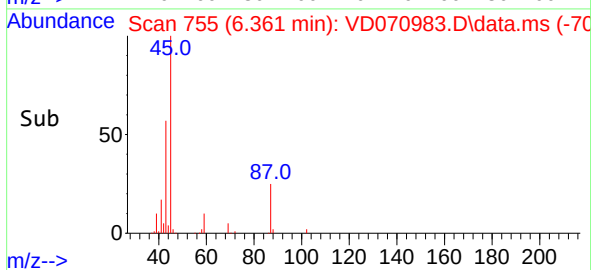
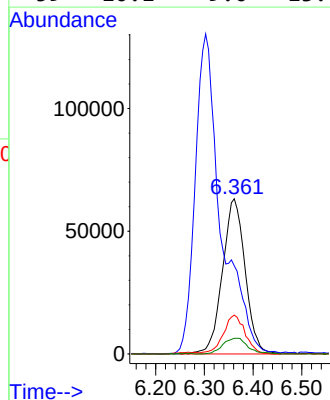
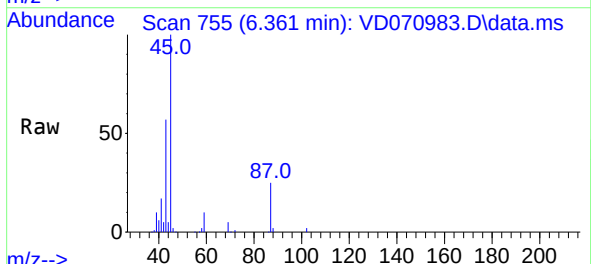
Manual Integrations
APPROVED

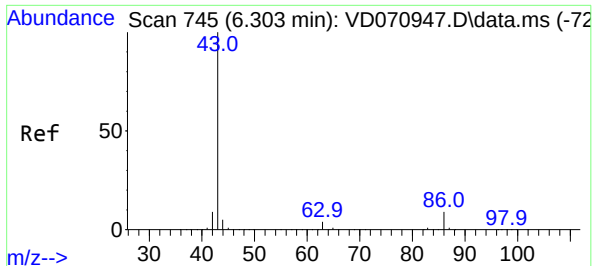
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 17.286 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

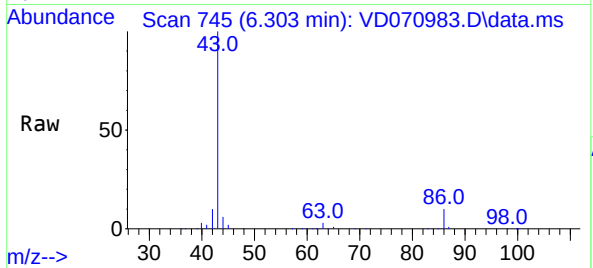
Tgt Ion: 45 Resp: 204498
Ion Ratio Lower Upper
45 100
43 56.1 39.6 59.4
87 25.1 21.2 31.8
59 10.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 90.997 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070983.D
 Acq: 11 Nov 2021 11:12

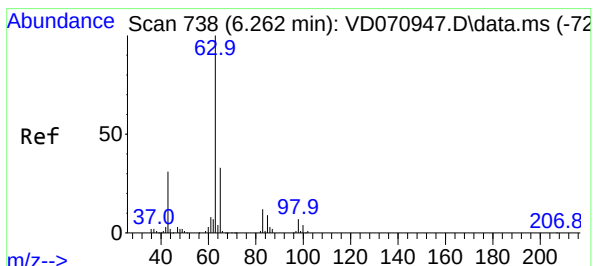
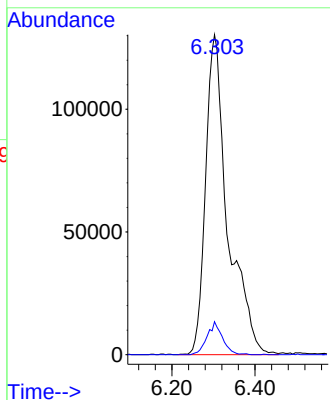
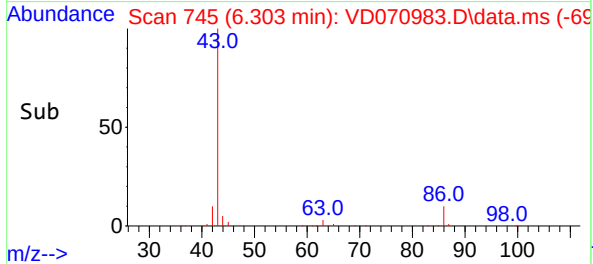
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01



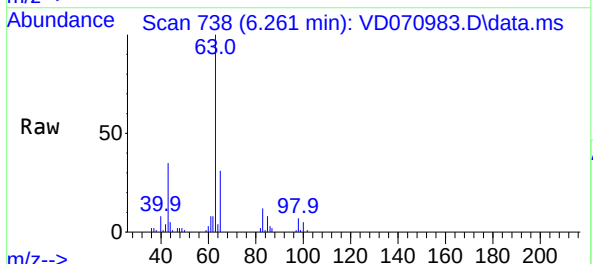
Tgt Ion: 43 Resp: 482610
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

Manual Integrations
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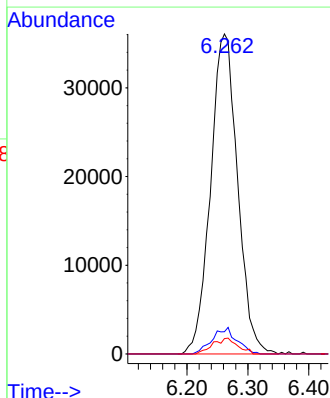
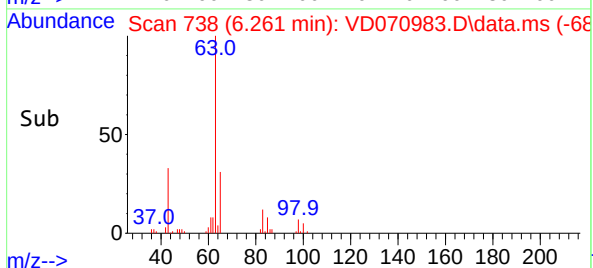
Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

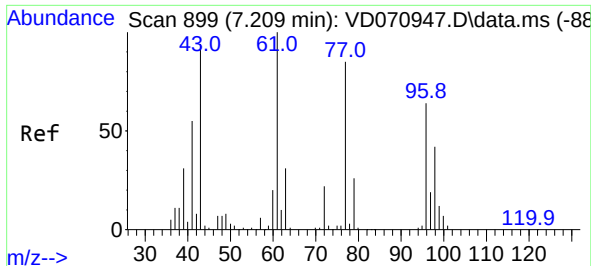


#24
 1,1-Dichloroethane
 Concen: 17.602 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070983.D
 Acq: 11 Nov 2021 11:12



Tgt Ion: 63 Resp: 111226
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.8 2.1 6.3





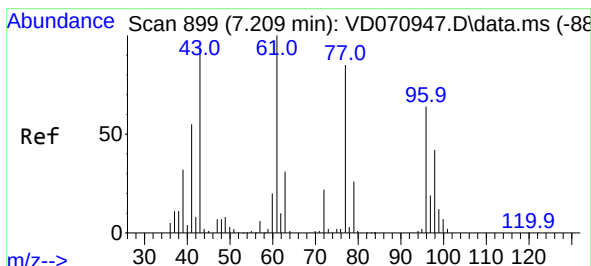
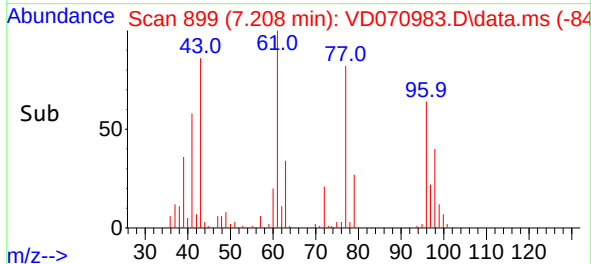
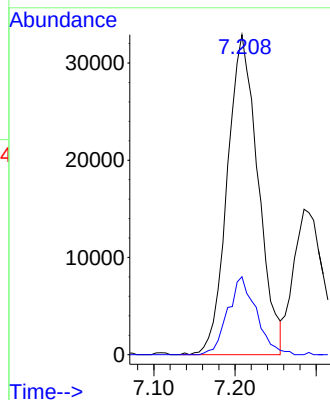
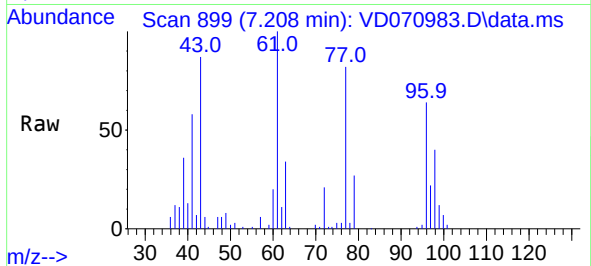
#25
2-Butanone
Concen: 91.575 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion: 43 Resp: 8666
Ion Ratio Lower Upper
43 100
72 24.4 23.8 35.6

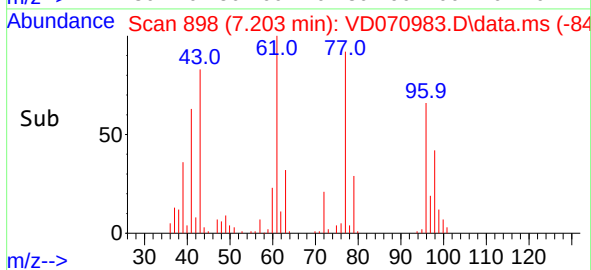
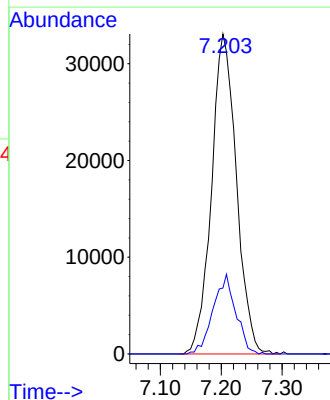
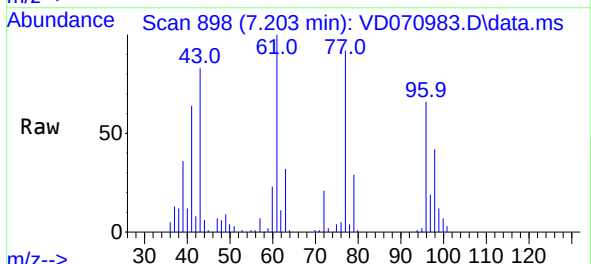
Manual Integrations
APPROVED

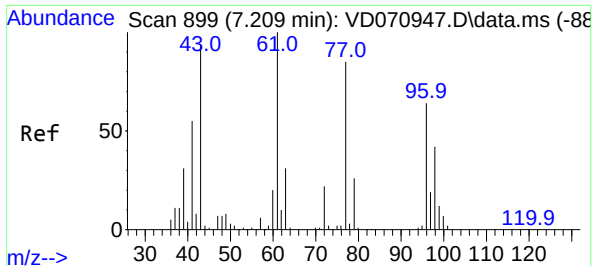
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 17.648 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Tgt Ion: 77 Resp: 94113
Ion Ratio Lower Upper
77 100
97 22.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.440 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070983.D

Acq: 11 Nov 2021 11:12

Instrument :

MSVOA_D

ClientSampleId :

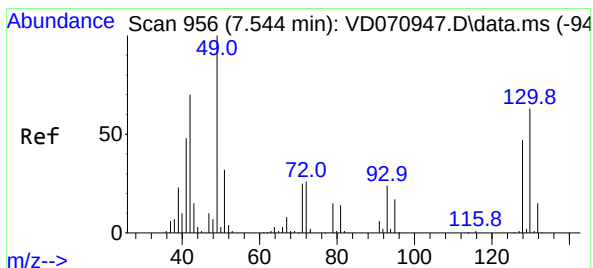
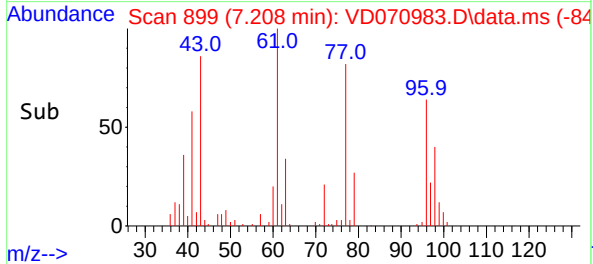
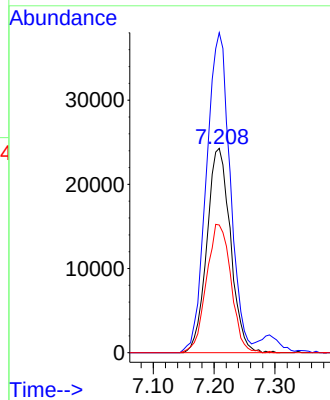
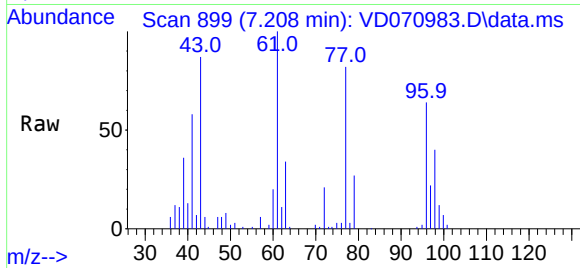
VD1111SBS01

Tgt Ion:	96	Resp:	6528
Ion	Ratio	Lower	Upper
96	100		
61	157.8	0.0	288.6
98	65.5	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 20.571 ug/l

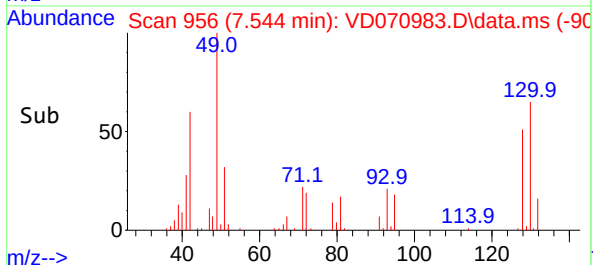
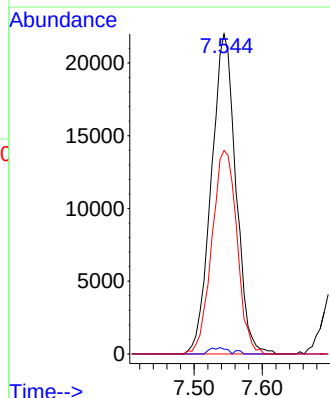
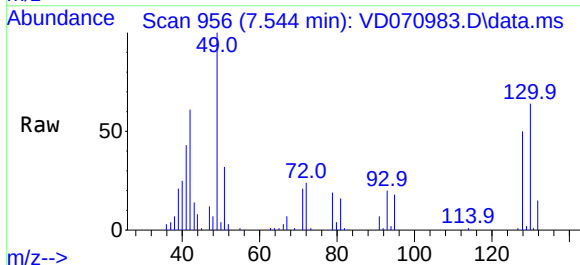
RT: 7.544 min Scan# 956

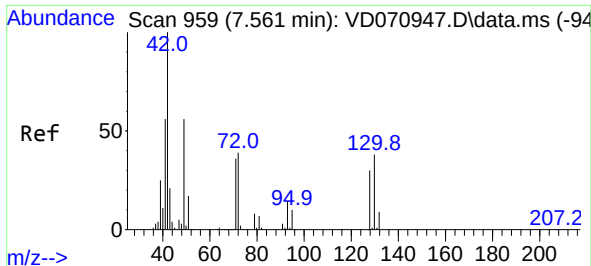
Delta R.T. -0.000 min

Lab File: VD070983.D

Acq: 11 Nov 2021 11:12

Tgt Ion:	49	Resp:	55132
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	64.9	60.2	90.2





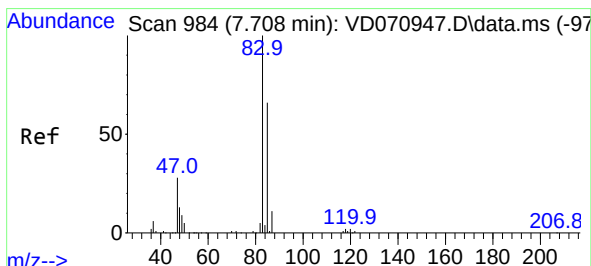
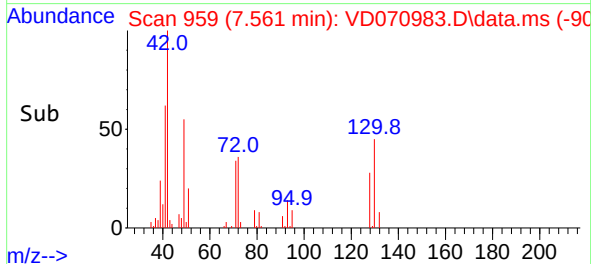
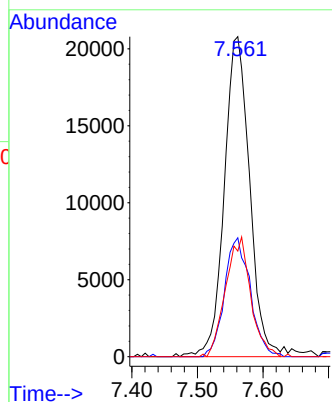
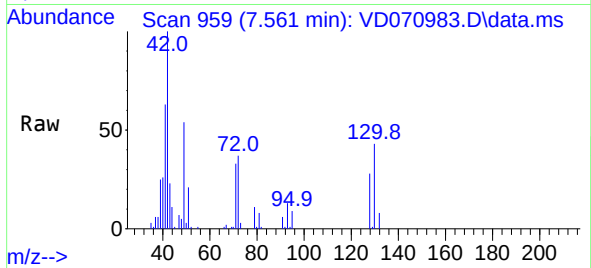
#29
Tetrahydrofuran
Concen: 85.403 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion: 42 Resp: 5558
Ion Ratio Lower Upper
42 100
72 38.0 33.7 50.5
71 37.2 32.7 49.1

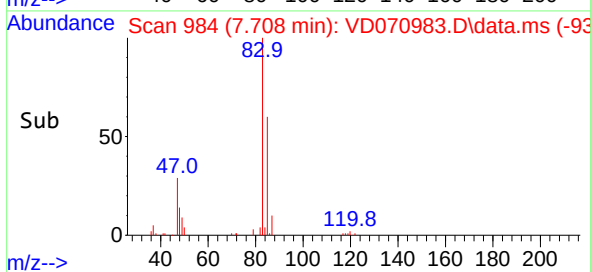
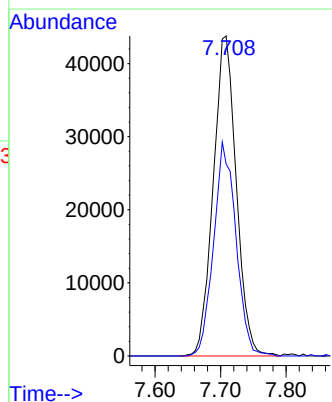
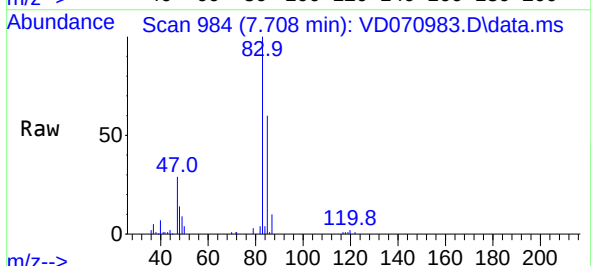
Manual Integrations
APPROVED

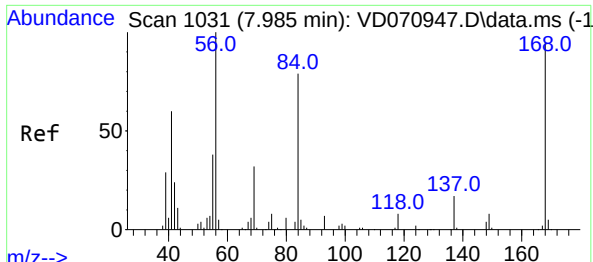
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Chloroform
Concen: 17.763 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

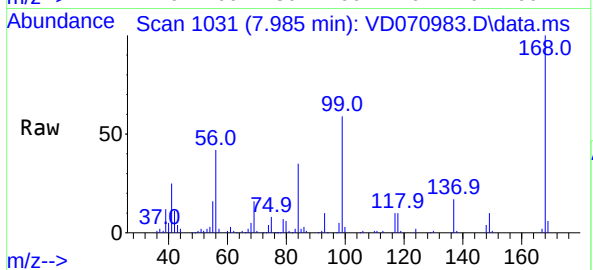
Tgt Ion: 83 Resp: 106712
Ion Ratio Lower Upper
83 100
85 60.0 51.0 76.6





#31
Cyclohexane
Concen: 17.508 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

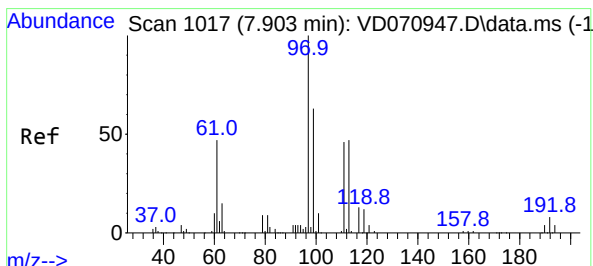
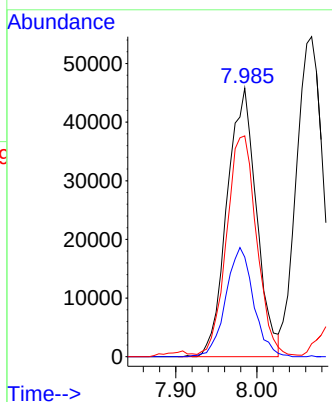
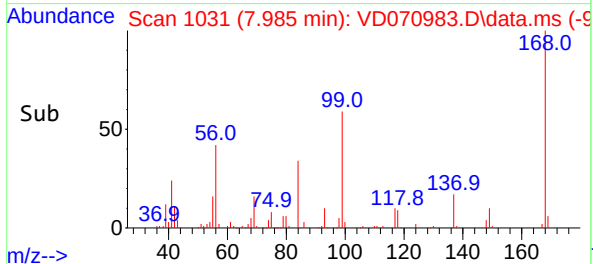
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



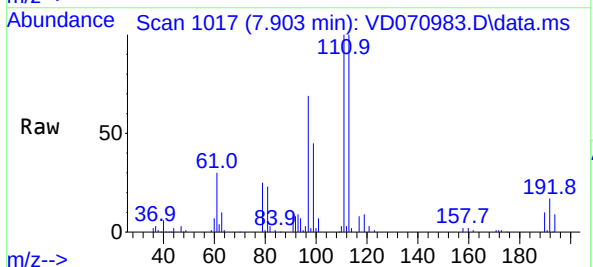
Tgt Ion: 56 Resp: 115338
Ion Ratio Lower Upper
56 100
69 37.1 25.9 38.9
84 80.7 64.3 96.5

Manual Integrations
APPROVED

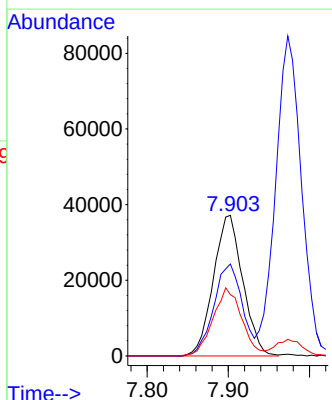
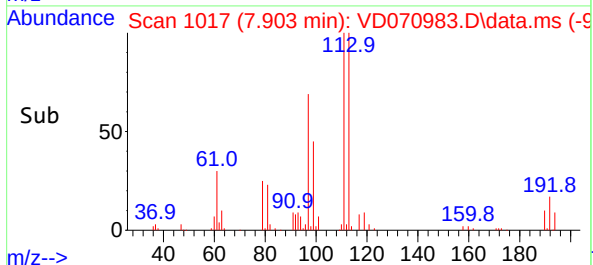
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

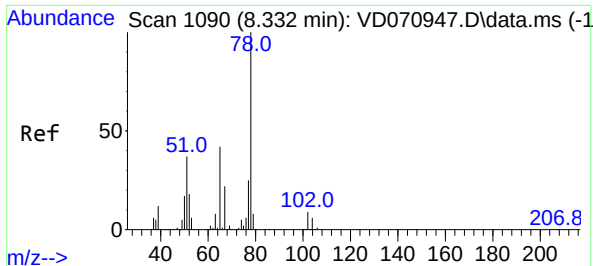


#32
1,1,1-Trichloroethane
Concen: 18.104 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



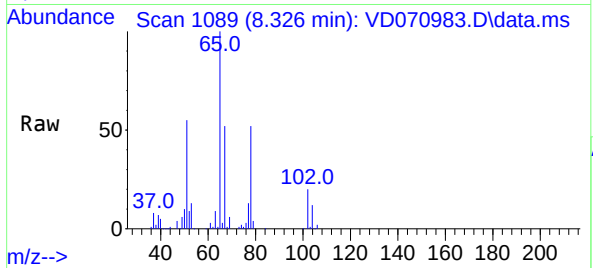
Tgt Ion: 97 Resp: 93411
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 47.4 33.0 49.4





#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

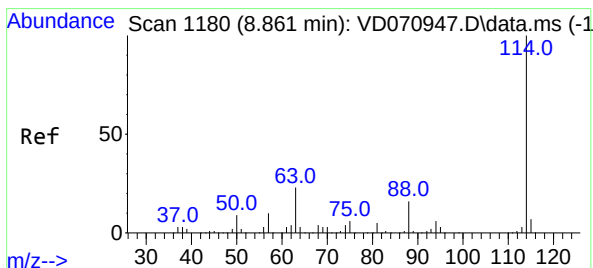
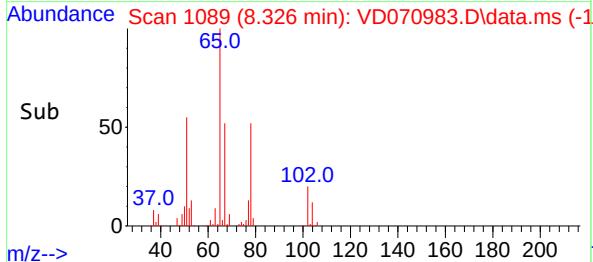
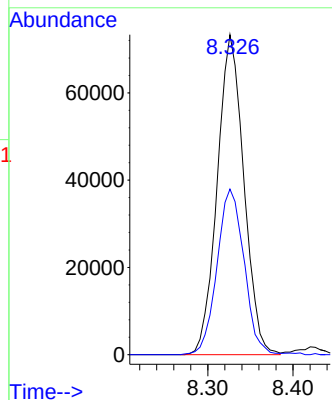
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



Tgt Ion: 65 Resp: 159320
Ion Ratio Lower Upper
65 100
67 52.5 0.0 112.2

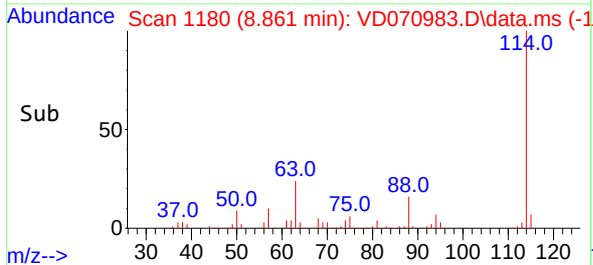
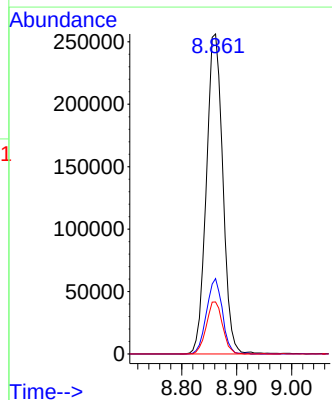
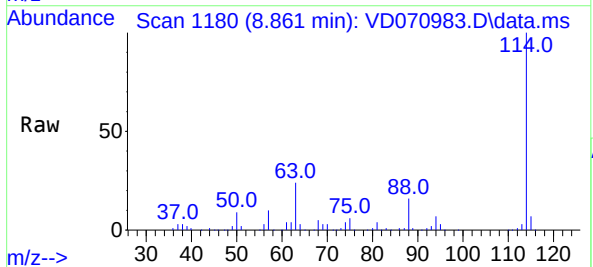
Manual Integrations
APPROVED

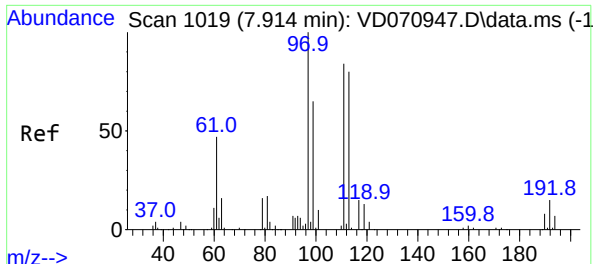
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

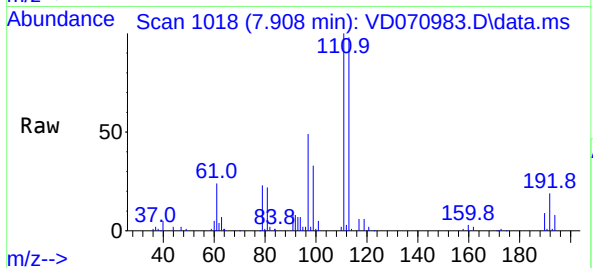
Tgt Ion:114 Resp: 533328
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.8
88 16.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.506 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

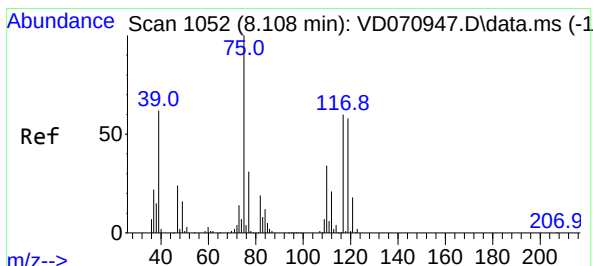
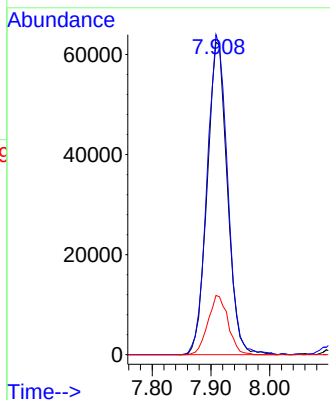
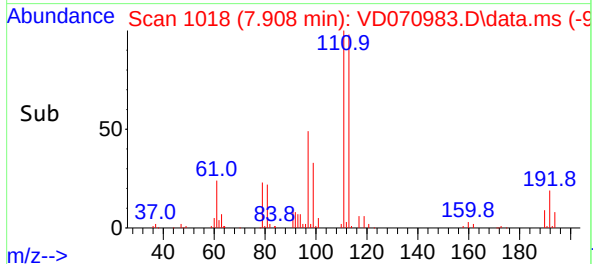
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



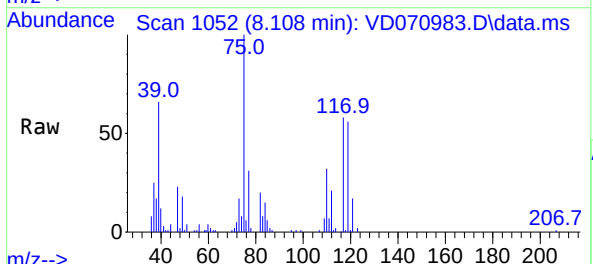
Tgt Ion: 113 Resp: 148980
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 18.9 15.2 22.8

Manual Integrations
APPROVED

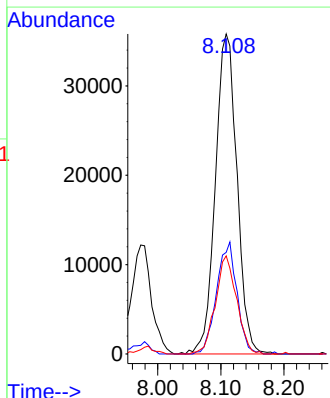
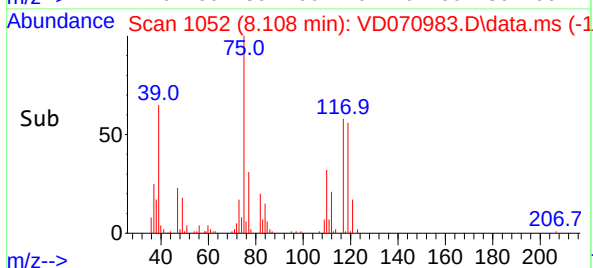
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

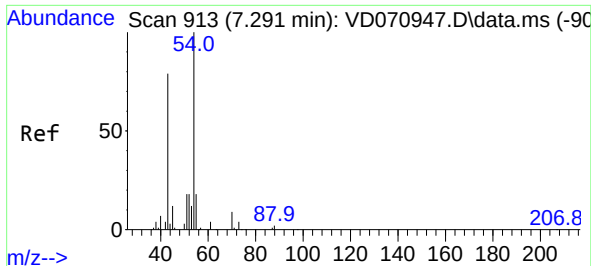


#36
1,1-Dichloropropene
Concen: 17.883 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



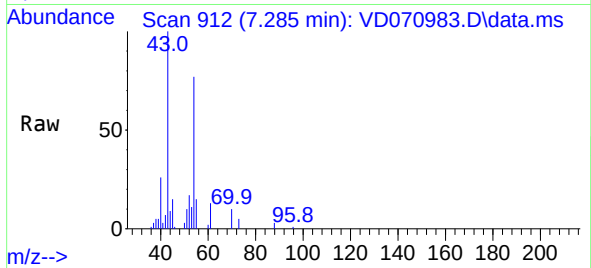
Tgt Ion: 75 Resp: 85157
Ion Ratio Lower Upper
75 100
110 33.0 17.8 53.4
77 30.1 24.8 37.2





#37
Ethyl Acetate
Concen: 17.920 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

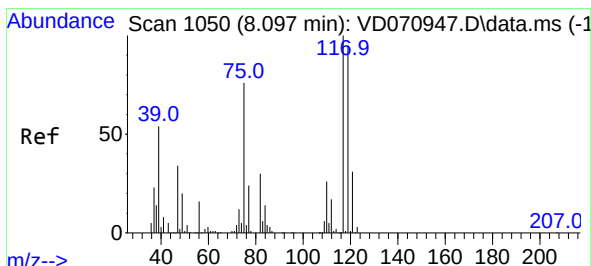
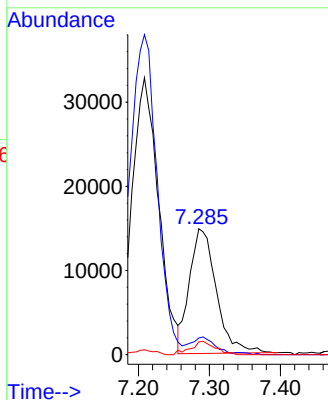
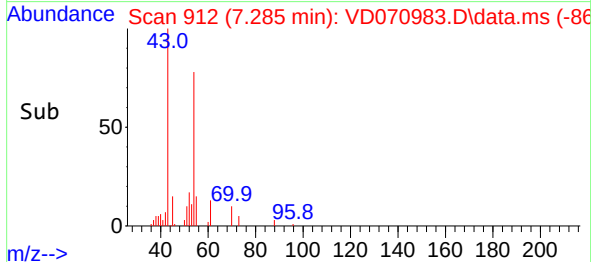
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



Tgt Ion: 43 Resp: 3893
Ion Ratio Lower Upper
43 100
61 10.5 13.0 19.6
70 9.7 8.7 13.1

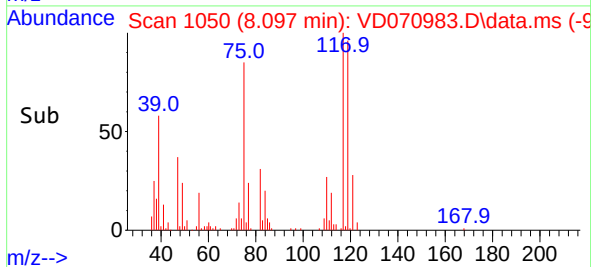
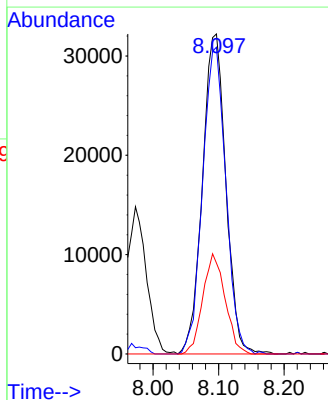
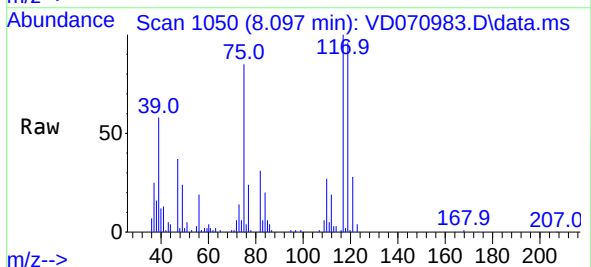
Manual Integrations
APPROVED

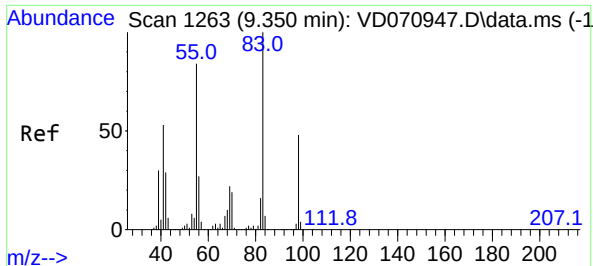
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 18.240 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

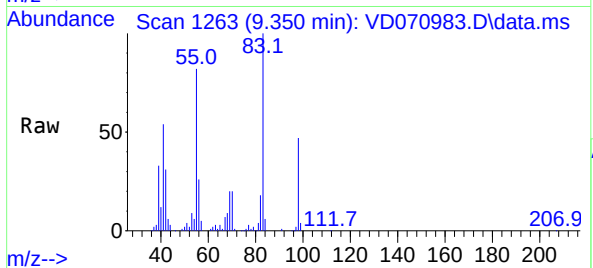
Tgt Ion:117 Resp: 79987
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.6
121 28.4 23.6 35.4





#39
Methylcyclohexane
Concen: 17.504 ug/l
RT: 9.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

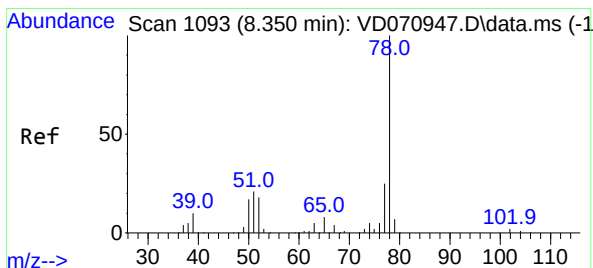
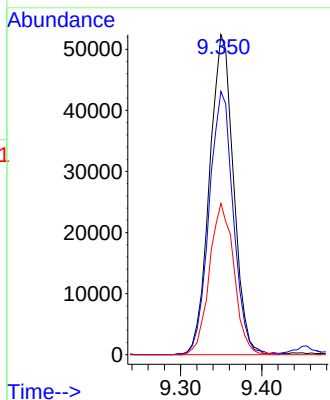
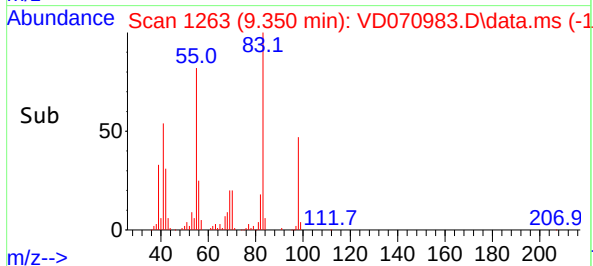
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



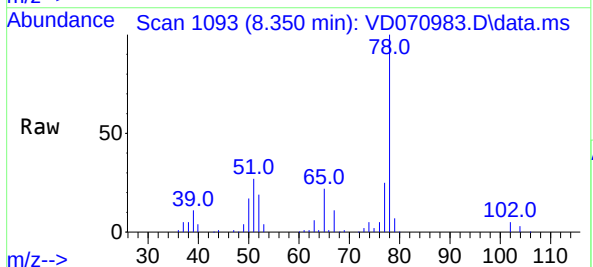
Tgt Ion: 83 Resp: 107650
Ion Ratio Lower Upper
83 100
55 81.9 65.8 98.8
98 47.3 38.7 58.1

Manual Integrations
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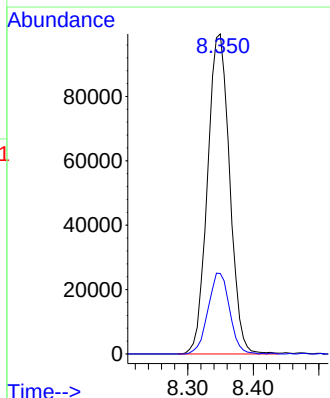
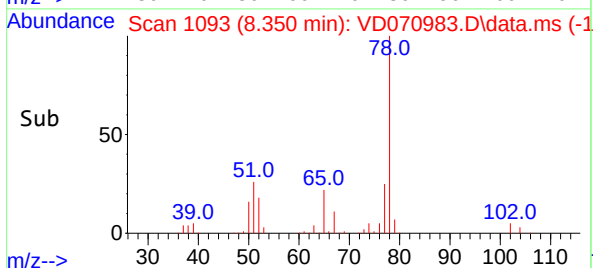
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

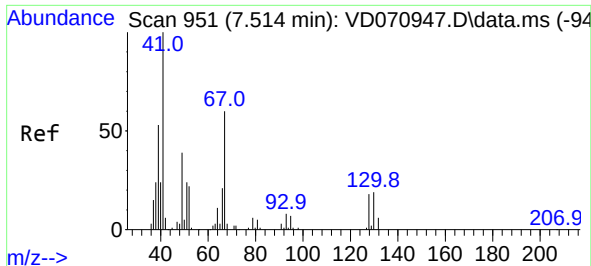


#40
Benzene
Concen: 17.369 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



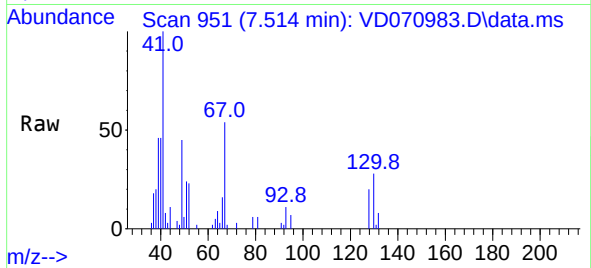
Tgt Ion: 78 Resp: 232920
Ion Ratio Lower Upper
78 100
77 25.2 19.1 28.7





#41
Methacrylonitrile
Concen: 17.313 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

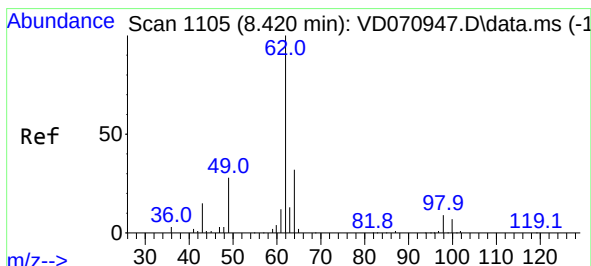
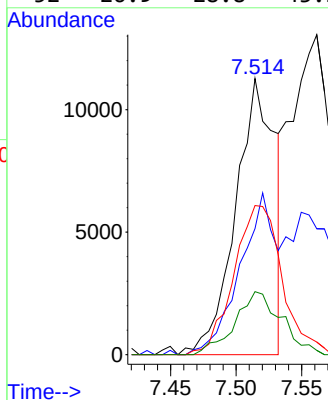
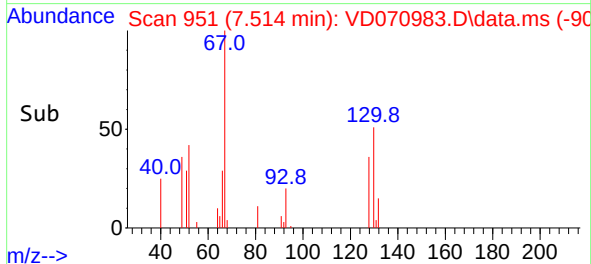
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



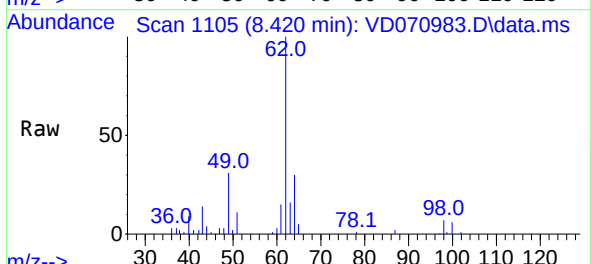
Tgt Ion: 41 Resp: 2360
Ion Ratio Lower Upper
41 100
39 52.4 60.2 90.4
67 66.0 74.8 112.2
52 26.9 28.8 43.2

Manual Integrations
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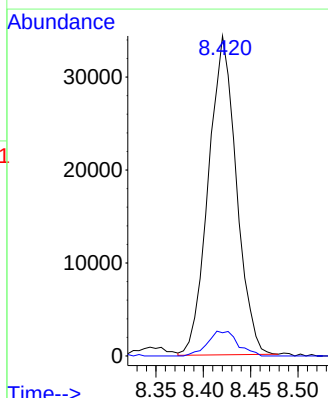
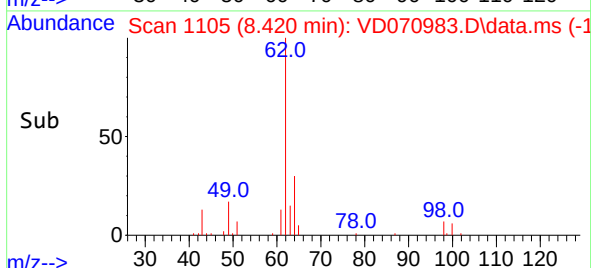
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

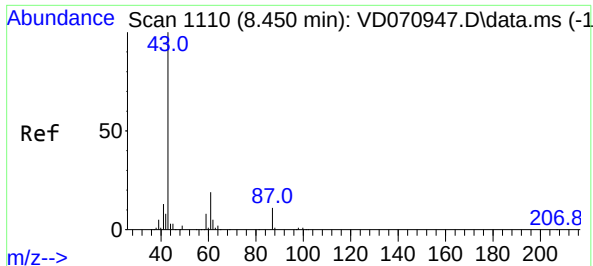


#42
1,2-Dichloroethane
Concen: 18.554 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



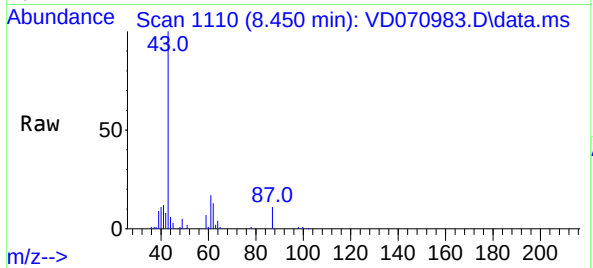
Tgt Ion: 62 Resp: 70474
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 17.510 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

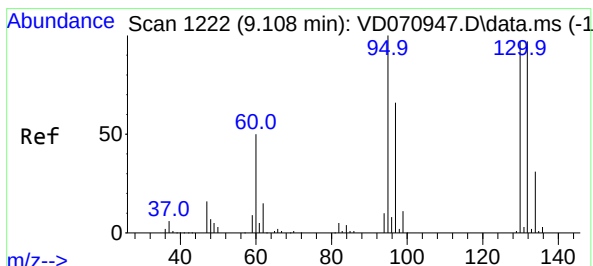
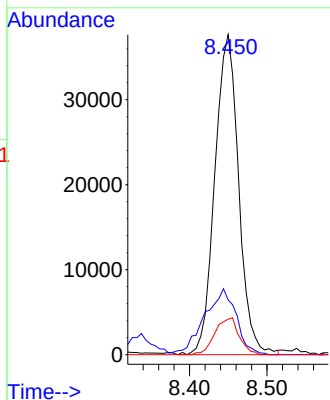
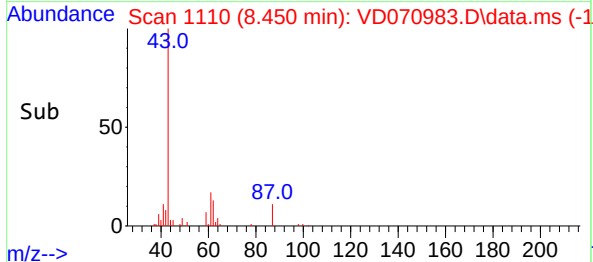
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



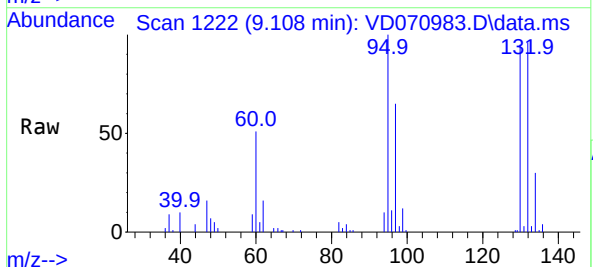
Tgt Ion: 43 Resp: 8050
Ion Ratio Lower Upper
43 100
61 27.4 28.2 42.4
87 11.7 10.7 16.1

Manual Integrations
APPROVED

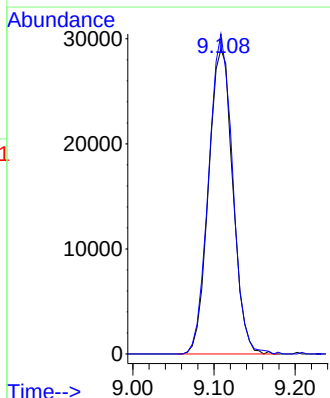
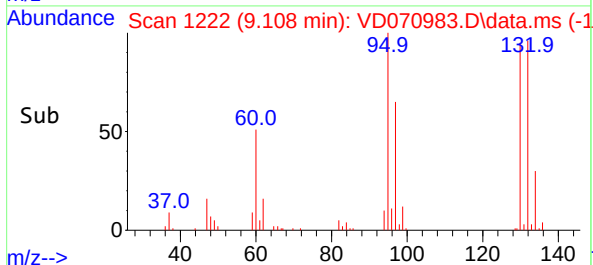
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

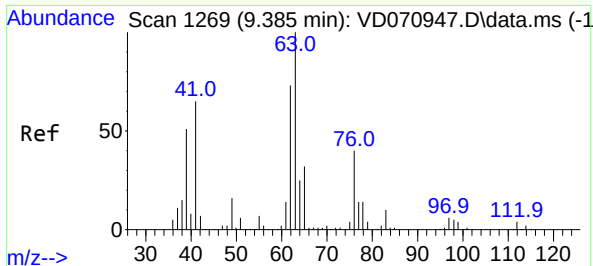


#44
Trichloroethene
Concen: 17.401 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



Tgt Ion:130 Resp: 60148
Ion Ratio Lower Upper
130 100
95 105.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 17.201 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD070983.D

Acq: 11 Nov 2021 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tgt Ion: 63 Resp: 6238

Ion Ratio Lower Upper

63 100

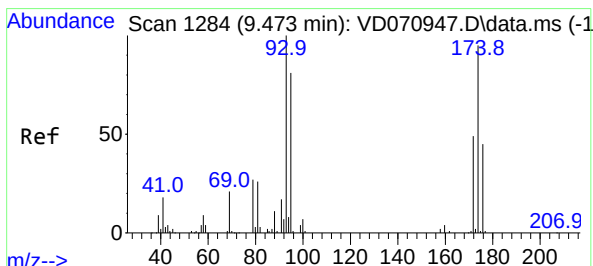
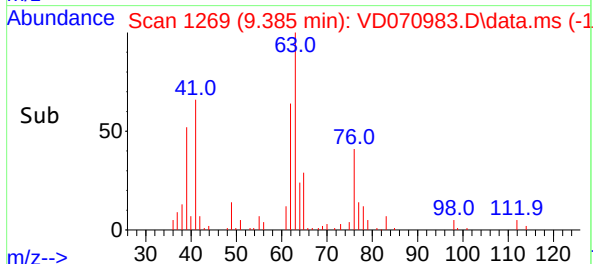
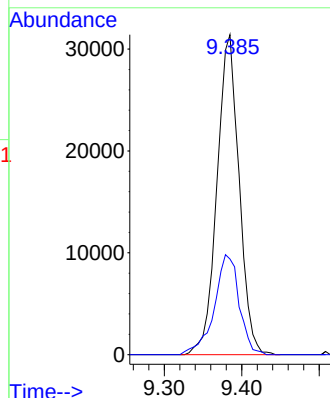
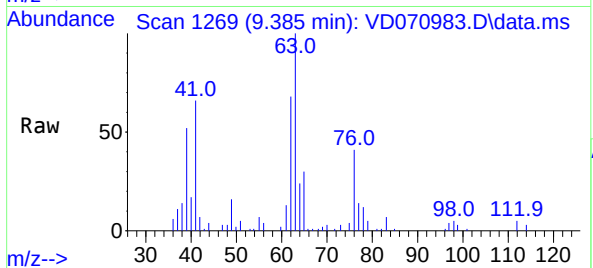
65 29.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 17.558 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070983.D

Acq: 11 Nov 2021 11:12

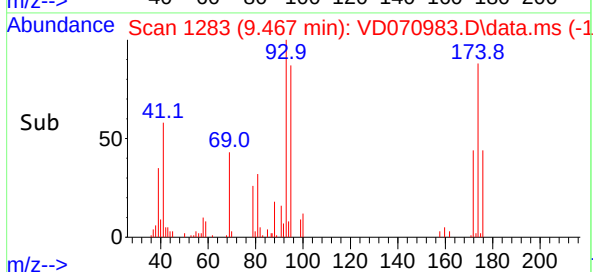
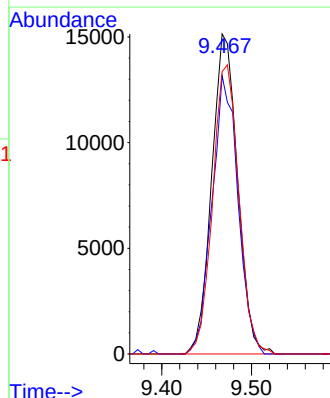
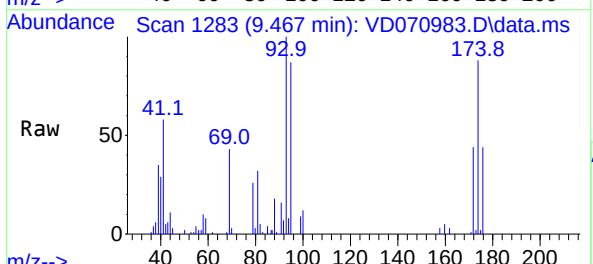
Tgt Ion: 93 Resp: 30309

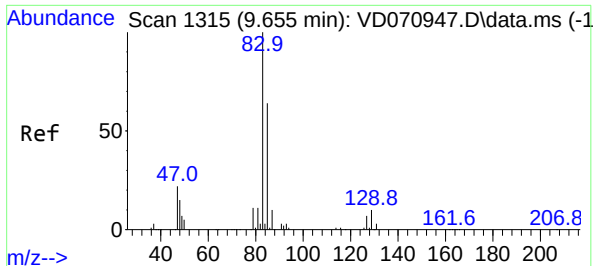
Ion Ratio Lower Upper

93 100

95 87.2 66.1 99.1

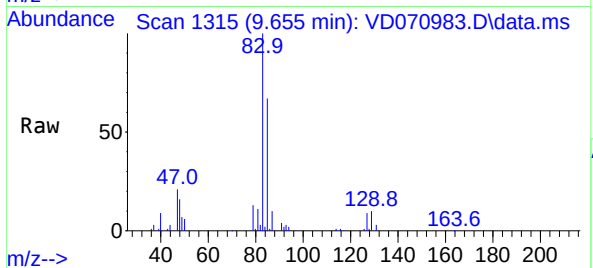
174 91.4 78.6 117.8





#47
Bromodichloromethane
Concen: 18.088 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

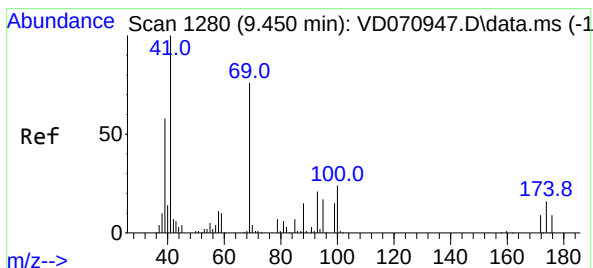
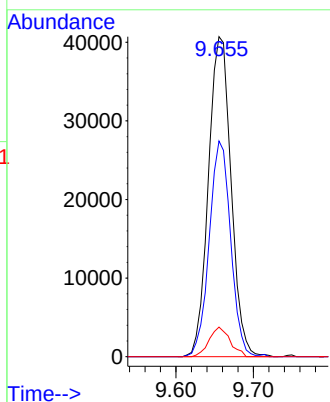
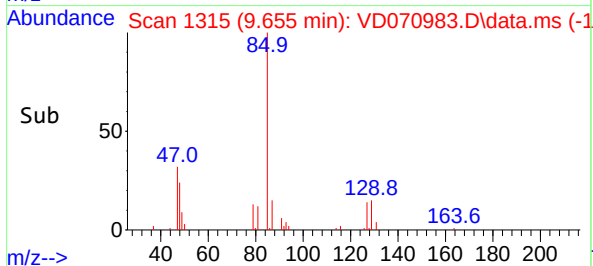
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



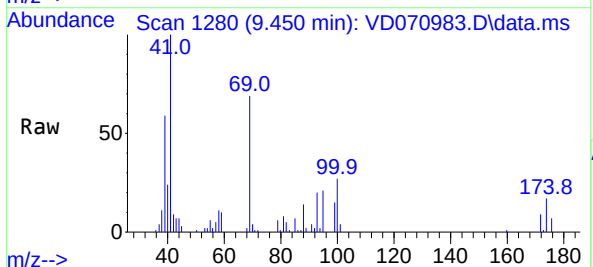
Tgt Ion: 83 Resp: 82589
Ion Ratio Lower Upper
83 100
85 67.4 50.0 75.0
127 9.2 7.3 10.9

Manual Integrations
APPROVED

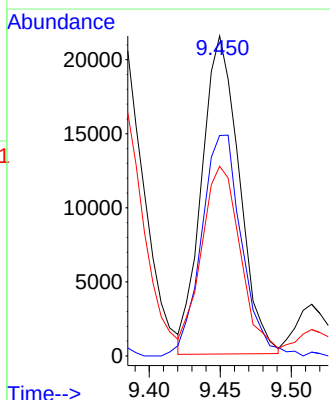
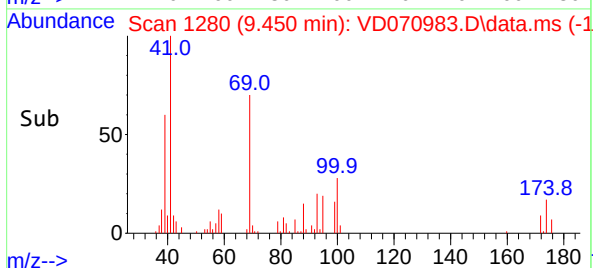
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

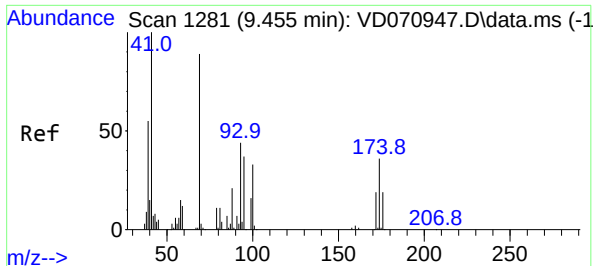


#48
Methyl methacrylate
Concen: 17.431 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



Tgt Ion: 41 Resp: 39316
Ion Ratio Lower Upper
41 100
69 74.7 69.8 104.6
39 57.6 35.6 53.4#





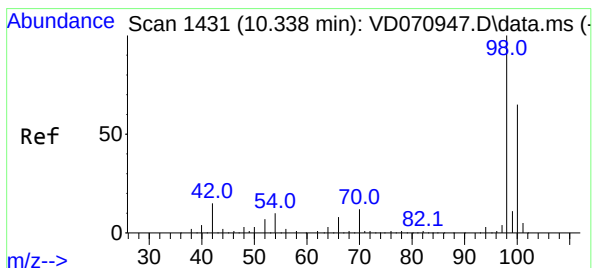
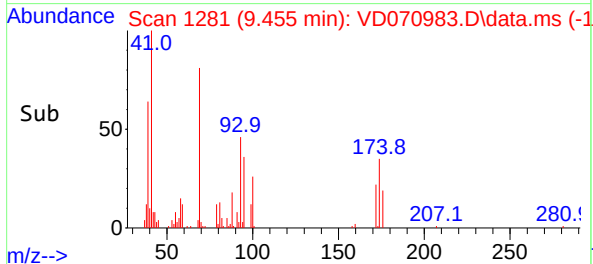
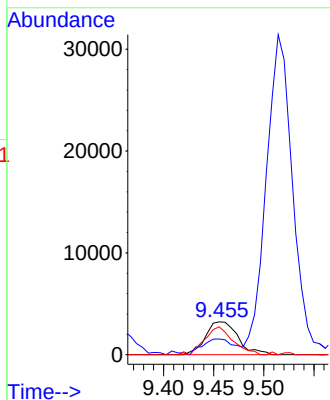
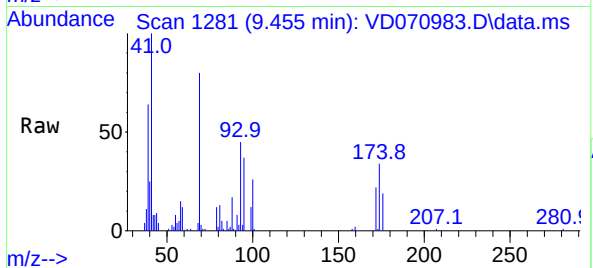
#49
1,4-Dioxane
Concen: 362.935 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion: 88 Resp: 7259
Ion Ratio Lower Upper
88 100
43 48.1 28.9 43.3
58 73.9 56.3 84.5

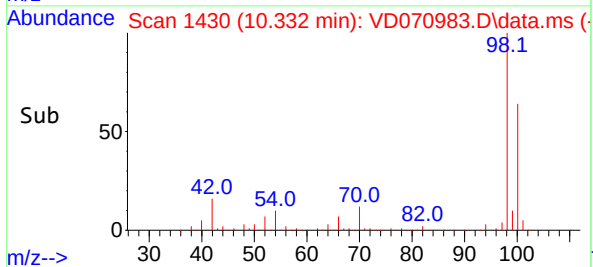
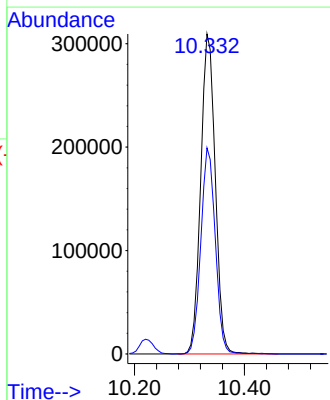
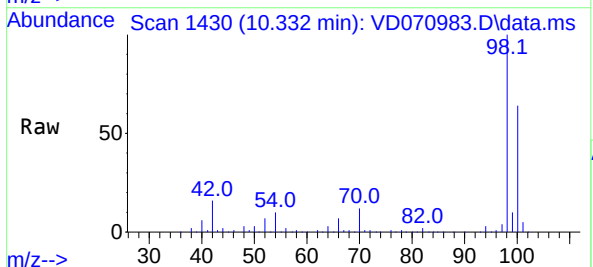
Manual Integrations
APPROVED

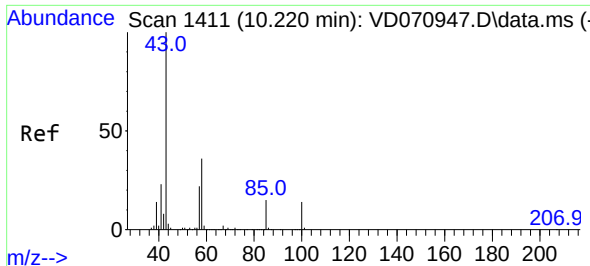
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 48.299 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

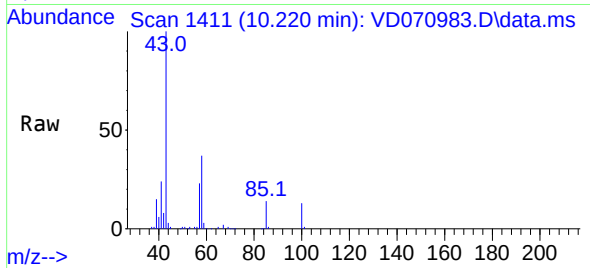
Tgt Ion: 98 Resp: 569243
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 86.721 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

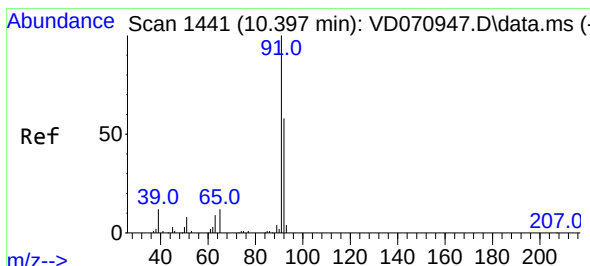
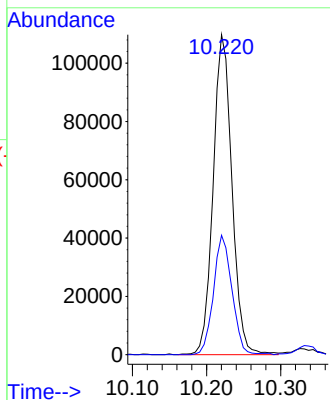
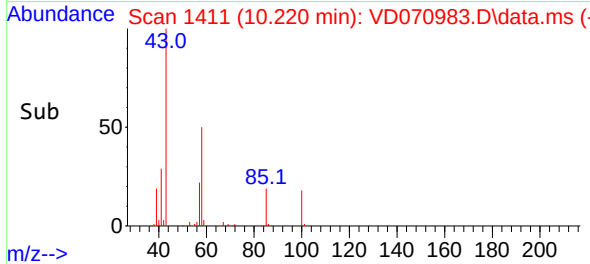
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



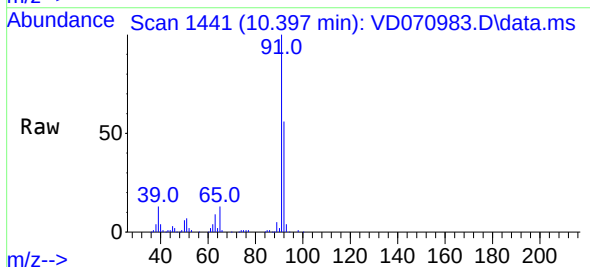
Tgt Ion: 43 Resp: 193307
Ion Ratio Lower Upper
43 100
58 36.4 33.1 49.7

Manual Integrations
APPROVED

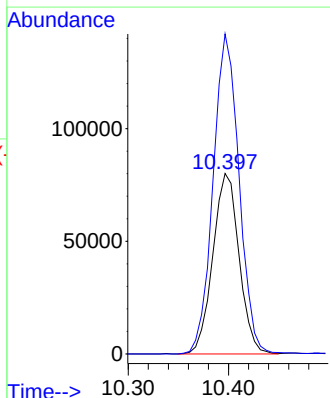
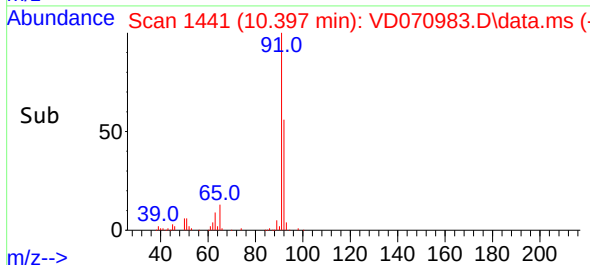
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

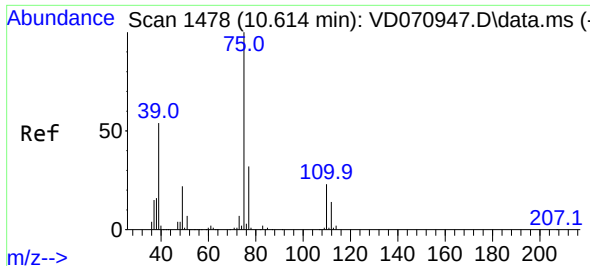


#52
Toluene
Concen: 17.206 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



Tgt Ion: 92 Resp: 145448
Ion Ratio Lower Upper
92 100
91 175.5 140.7 211.1





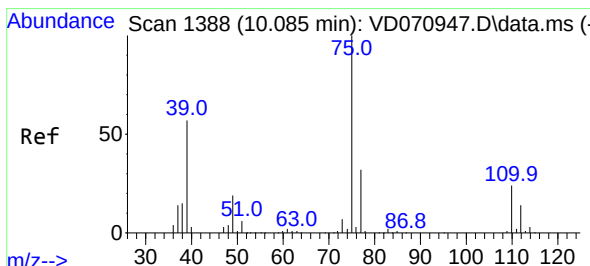
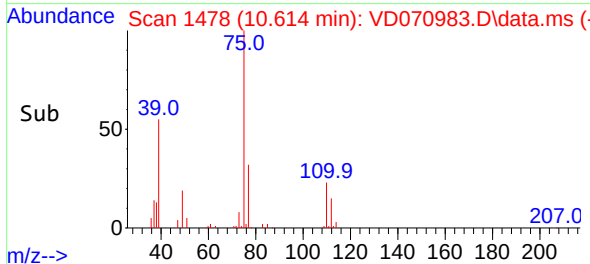
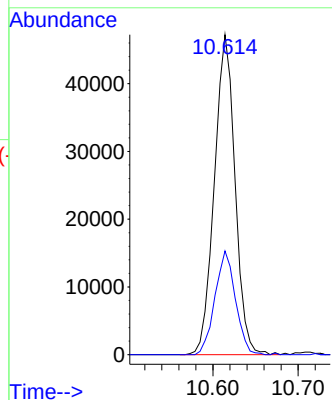
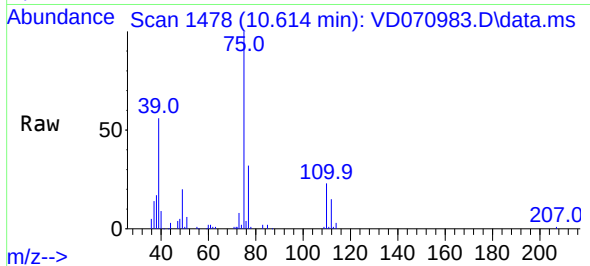
#53
t-1,3-Dichloropropene
Concen: 17.281 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion: 75 Resp: 79569
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7

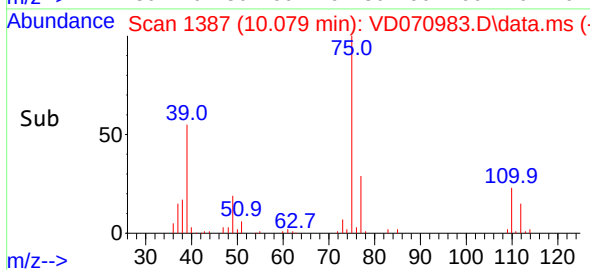
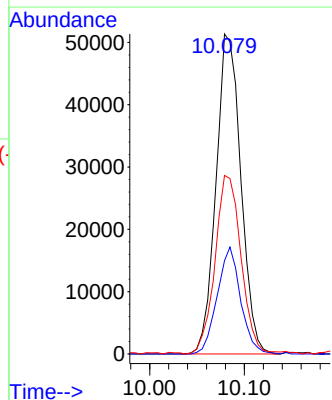
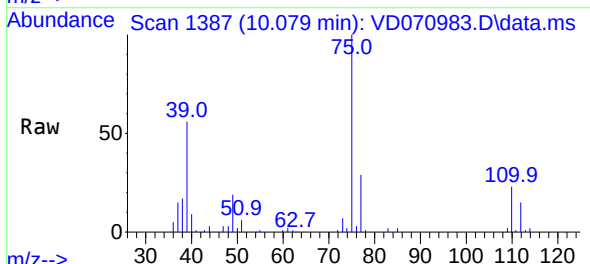
Manual Integrations
APPROVED

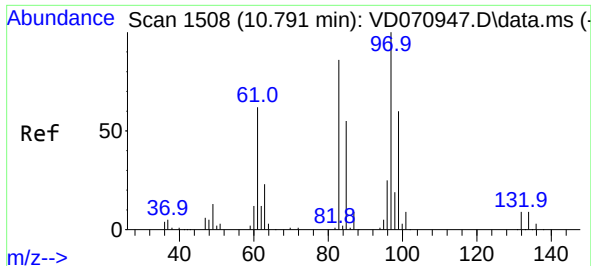
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 17.257 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

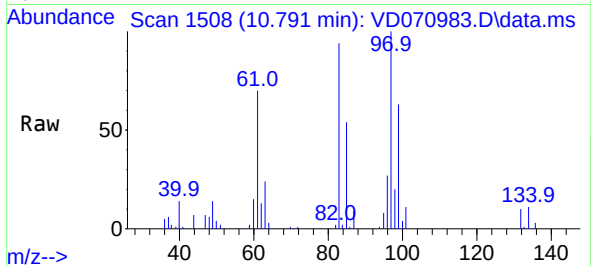
Tgt Ion: 75 Resp: 93700
Ion Ratio Lower Upper
75 100
77 29.1 25.0 37.6
39 55.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.335 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

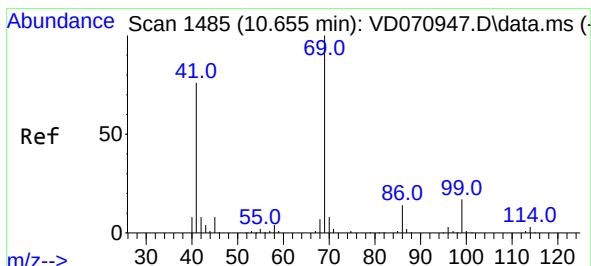
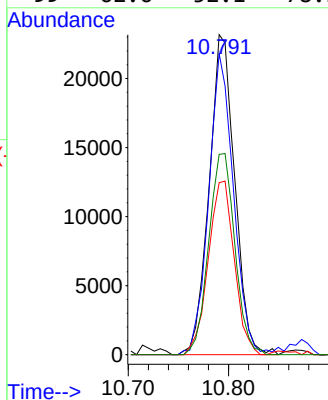
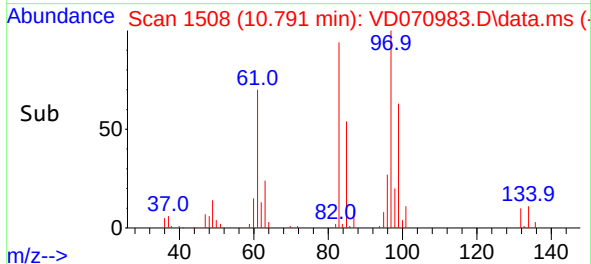
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



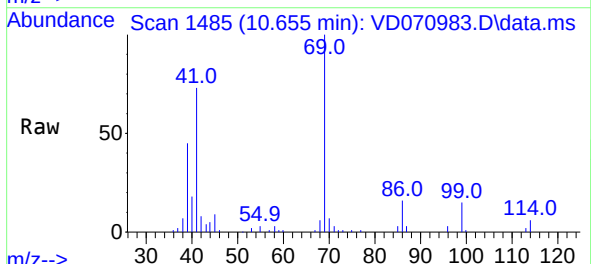
Tgt Ion: 97 Resp: 41129
Ion Ratio Lower Upper
97 100
83 94.1 65.2 97.8
85 53.7 43.4 65.0
99 62.6 52.1 78.1

Manual Integrations
APPROVED

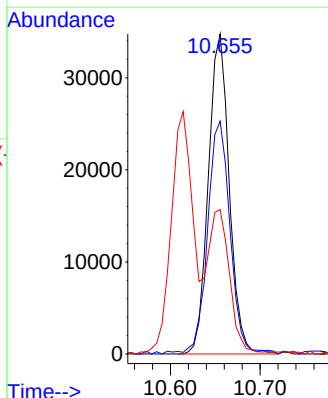
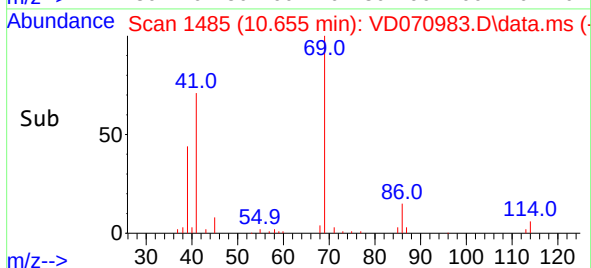
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

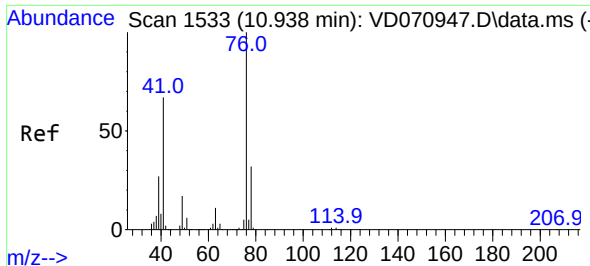


#56
Ethyl methacrylate
Concen: 16.739 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



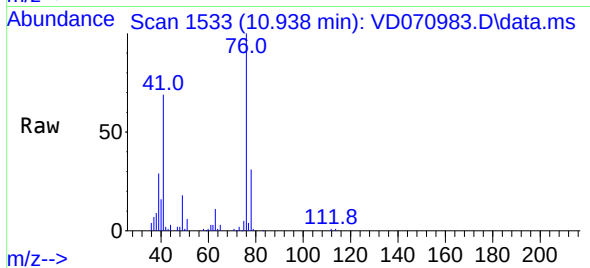
Tgt Ion: 69 Resp: 56191
Ion Ratio Lower Upper
69 100
41 78.7 50.2 75.2#
39 42.3 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 17.579 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

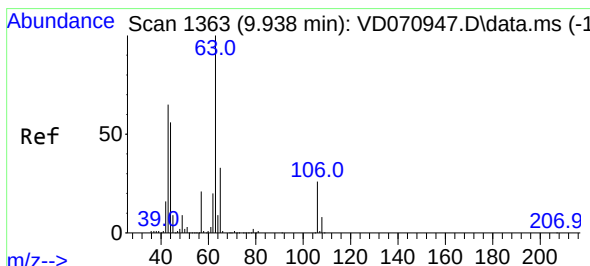
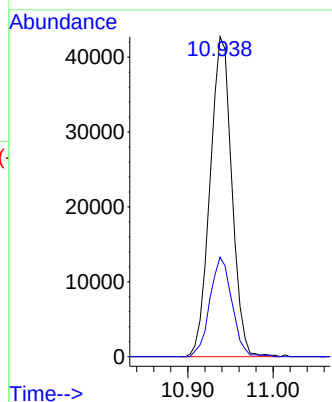
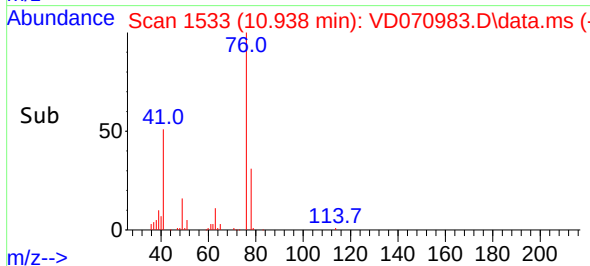
Instrument : MSVOA_D
ClientSampleId : VD1111SBS01



Tgt Ion: 76 Resp: 75740
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

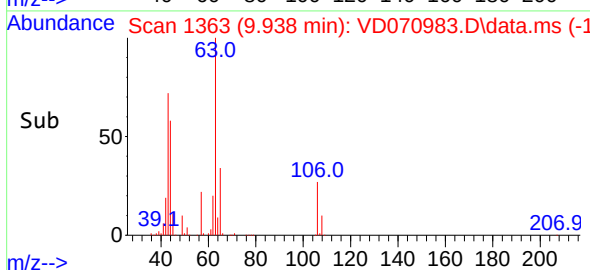
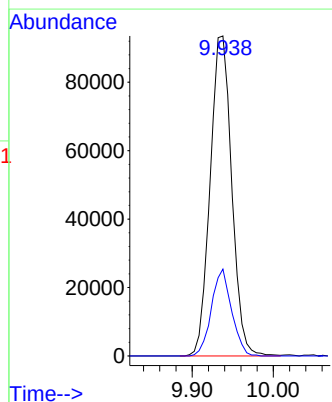
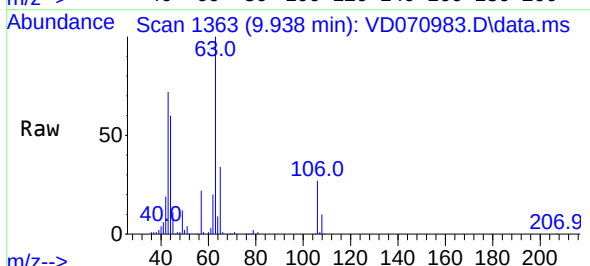
Manual Integrations
APPROVED

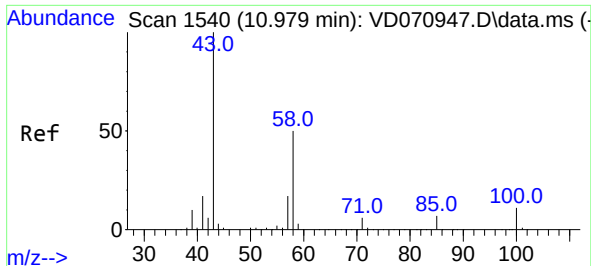
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
2-Chloroethyl Vinyl ether
Concen: 99.035 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Tgt Ion: 63 Resp: 172831
Ion Ratio Lower Upper
63 100
106 25.3 21.0 31.4





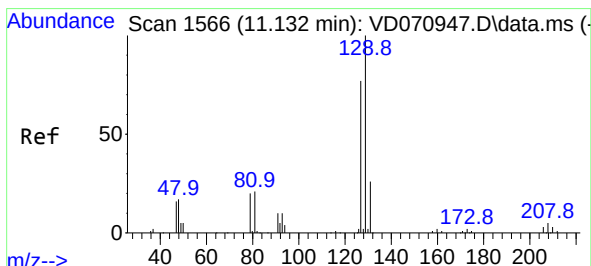
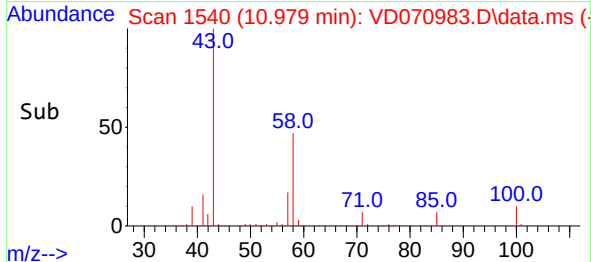
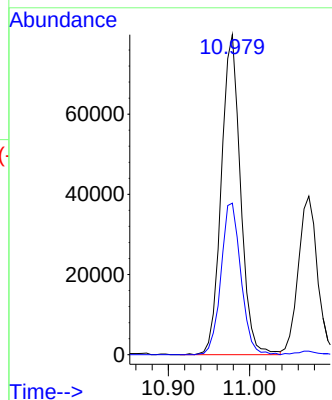
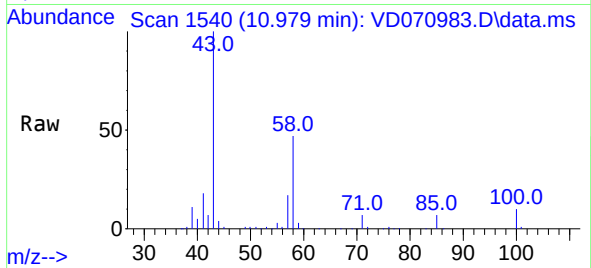
#59
2-Hexanone
Concen: 86.458 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion: 43 Resp: 131299
Ion Ratio Lower Upper
43 100
58 49.1 28.7 86.1

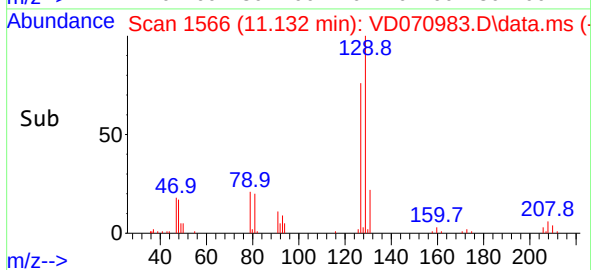
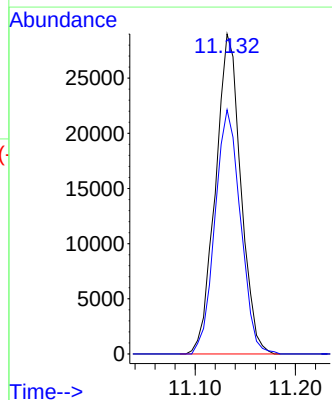
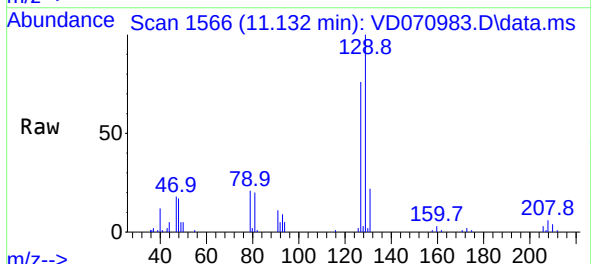
Manual Integrations
APPROVED

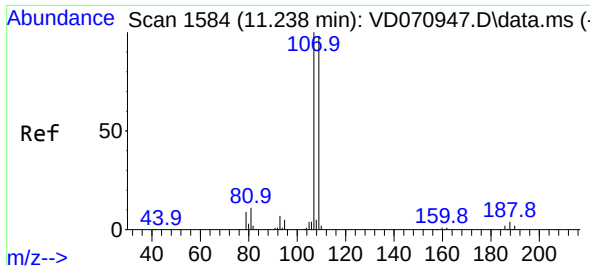
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 17.881 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

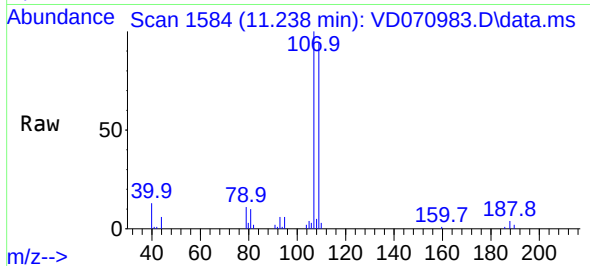
Tgt Ion:129 Resp: 50892
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 17.611 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

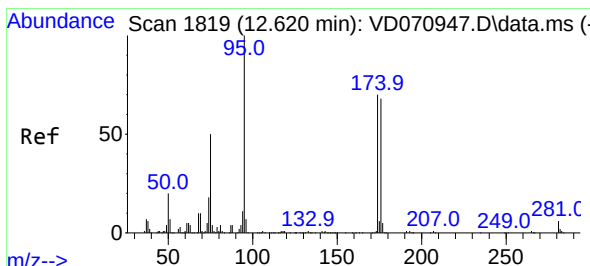
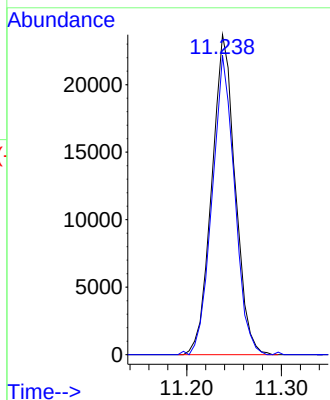
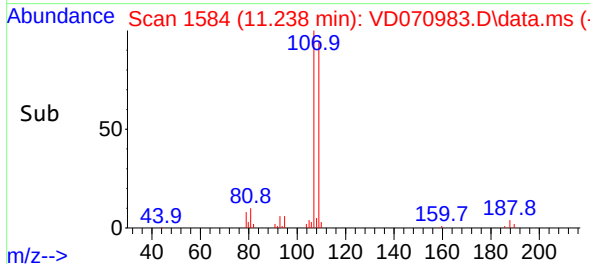
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



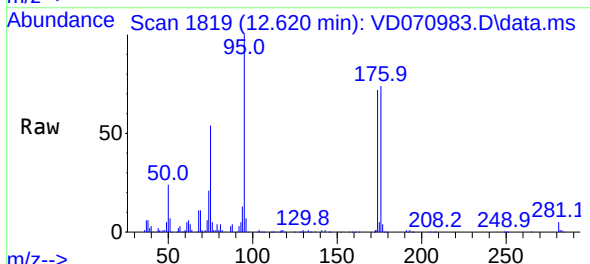
Tgt Ion:107 Resp: 40644
Ion Ratio Lower Upper
107 100
109 90.0 74.6 112.0

Manual Integrations
APPROVED

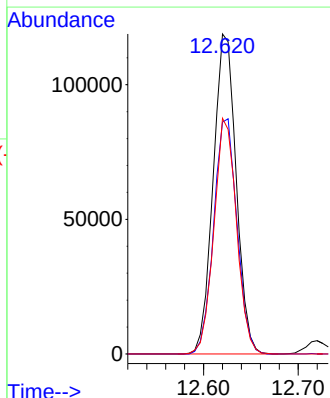
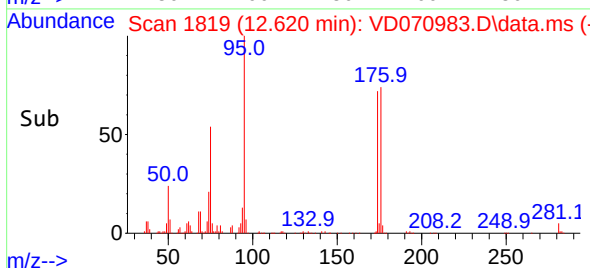
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

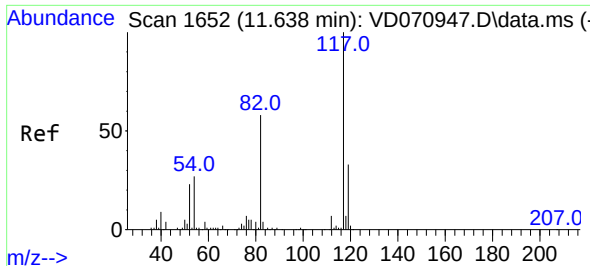


#62
4-Bromofluorobenzene
Concen: 47.214 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



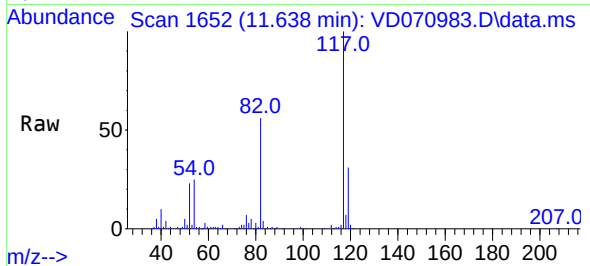
Tgt Ion: 95 Resp: 200356
Ion Ratio Lower Upper
95 100
174 74.6 0.0 159.4
176 72.3 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

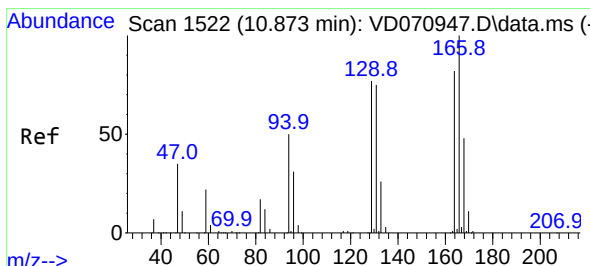
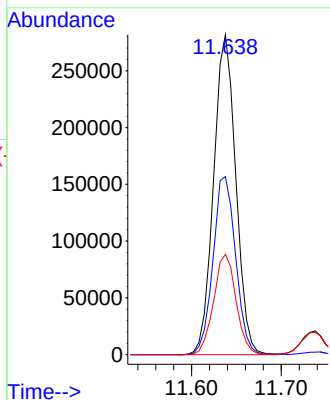
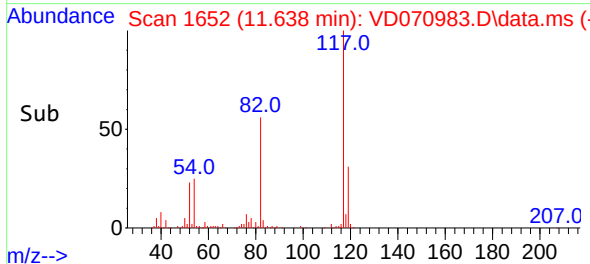
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



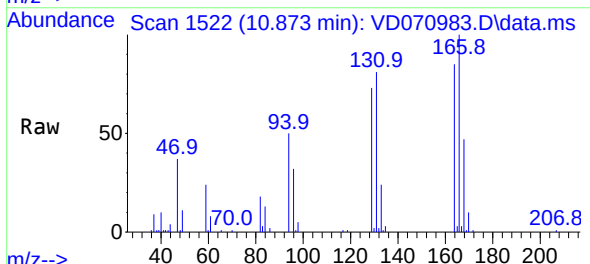
Tgt Ion:117 Resp: 484104
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 31.3 26.2 39.4

Manual Integrations
APPROVED

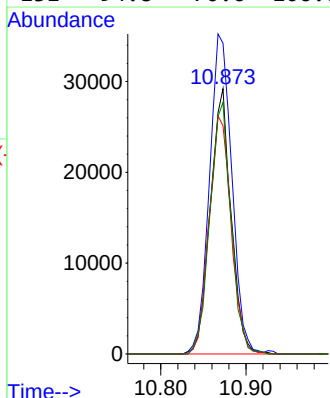
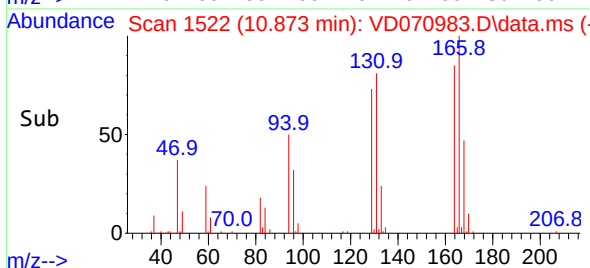
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

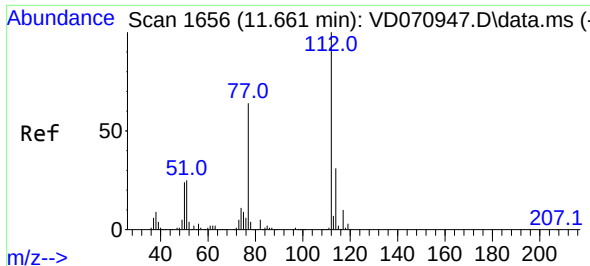


#64
Tetrachloroethene
Concen: 17.600 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



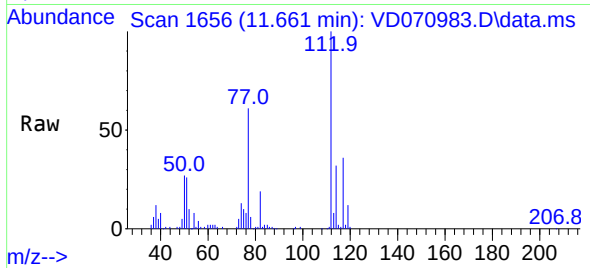
Tgt Ion:164 Resp: 49683
Ion Ratio Lower Upper
164 100
166 117.2 102.6 153.8
129 86.1 75.4 113.0
131 94.8 70.6 106.0





#65
Chlorobenzene
Concen: 17.456 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

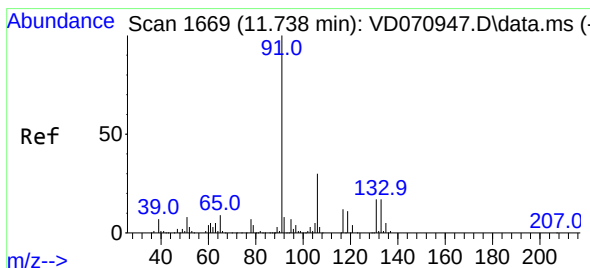
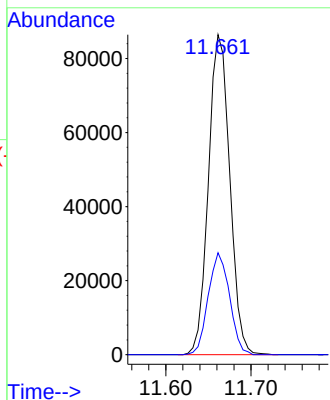
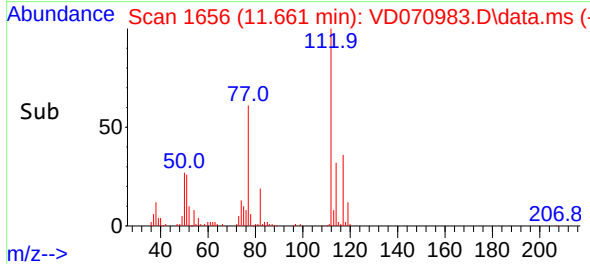
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



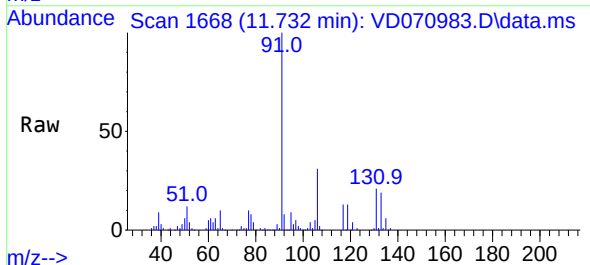
Tgt Ion:112 Resp: 150780
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

Manual Integrations
APPROVED

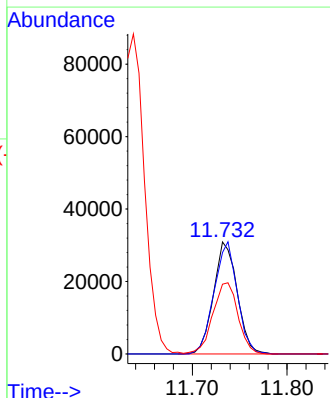
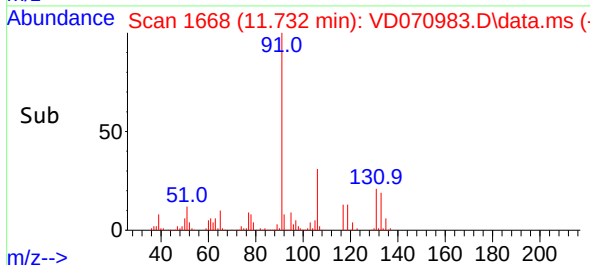
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

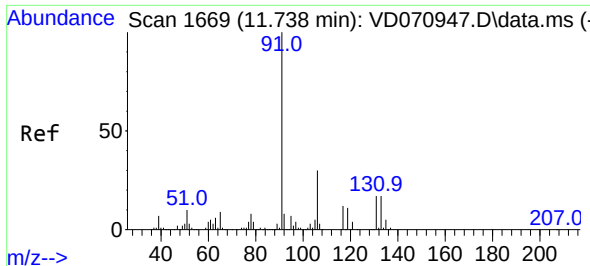


#66
1,1,1,2-Tetrachloroethane
Concen: 17.521 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



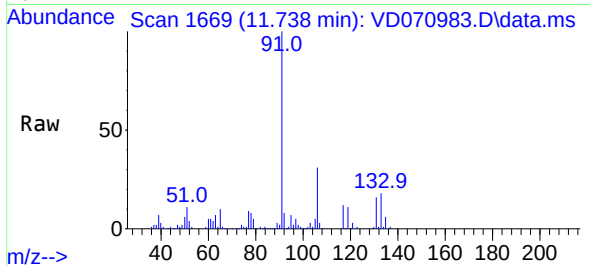
Tgt Ion:131 Resp: 53716
Ion Ratio Lower Upper
131 100
133 98.1 48.0 144.0
119 67.7 33.5 100.4





#67
Ethyl Benzene
Concen: 17.267 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

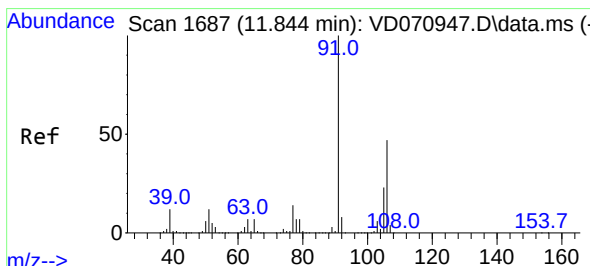
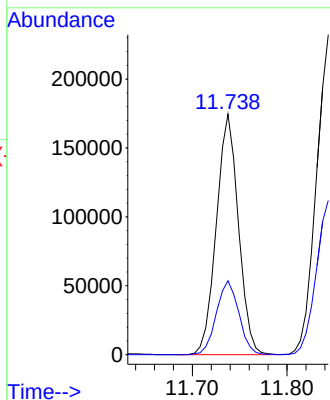
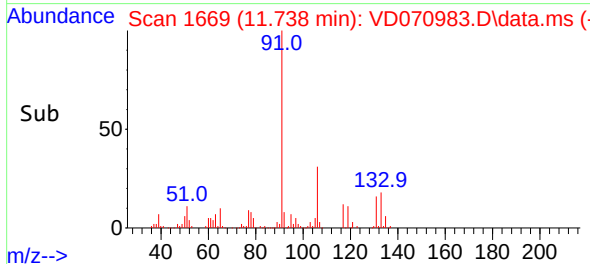
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



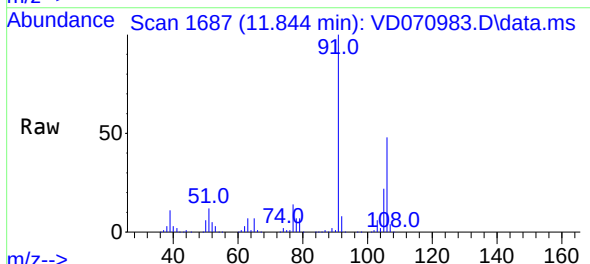
Tgt Ion: 91 Resp: 282449
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations
APPROVED

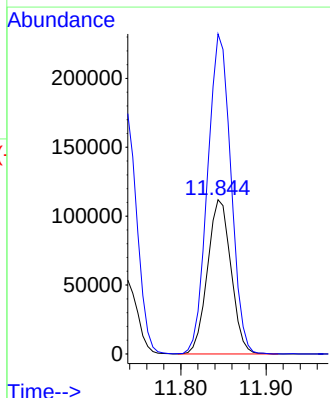
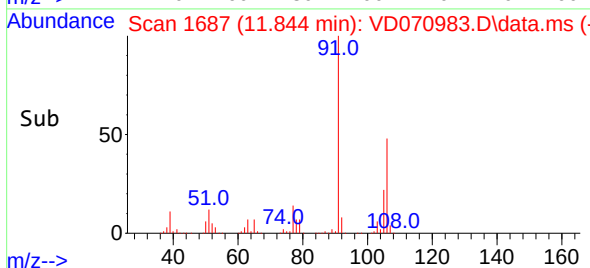
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

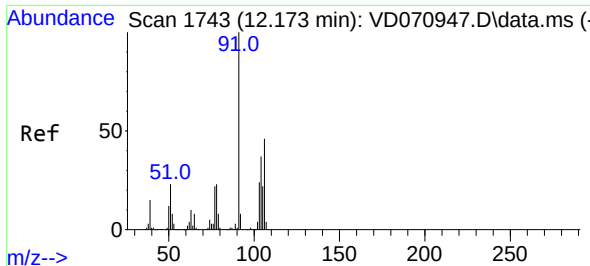


#68
m/p-Xylenes
Concen: 35.043 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



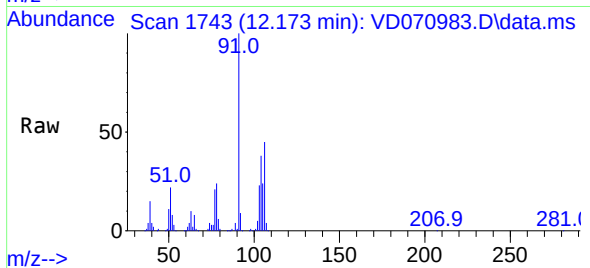
Tgt Ion:106 Resp: 214238
Ion Ratio Lower Upper
106 100
91 206.3 160.1 240.1





#69
o-Xylene
Concen: 17.709 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

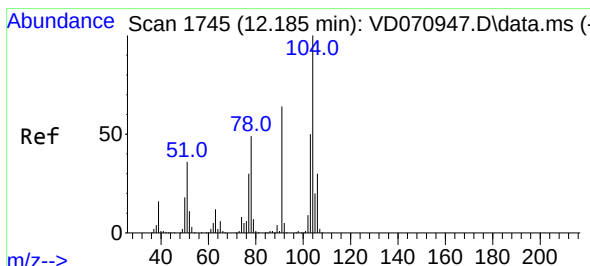
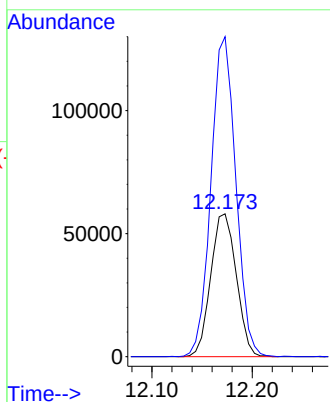
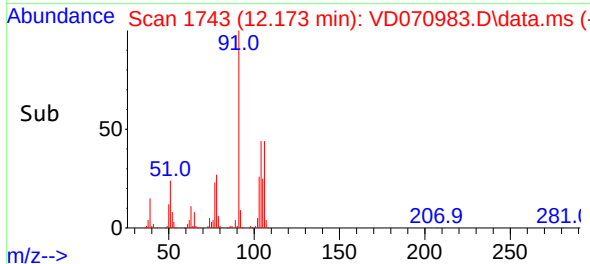
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



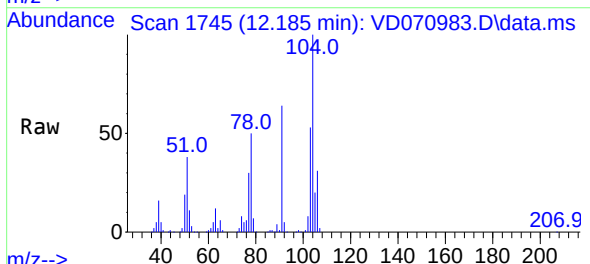
Tgt Ion:106 Resp: 102979
Ion Ratio Lower Upper
106 100
91 217.4 106.3 319.0

Manual Integrations
APPROVED

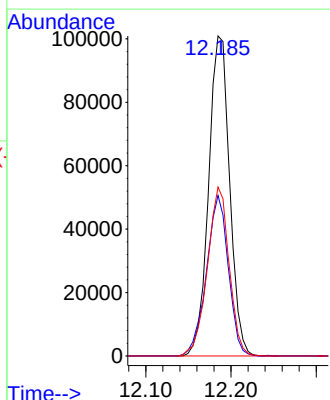
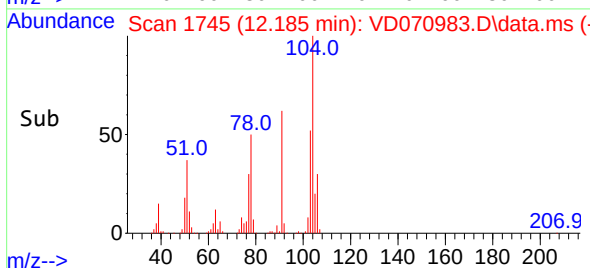
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

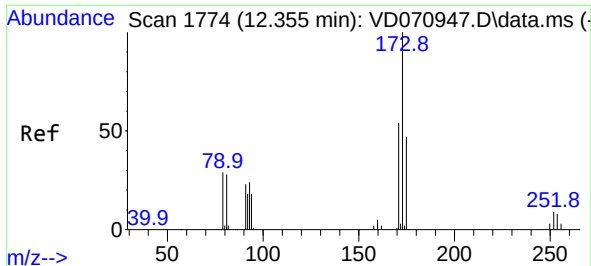


#70
Styrene
Concen: 17.620 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



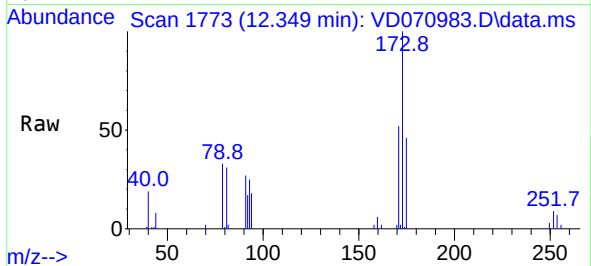
Tgt Ion:104 Resp: 173486
Ion Ratio Lower Upper
104 100
78 52.1 39.4 59.0
103 54.5 43.4 65.0





#71
Bromoform
Concen: 17.398 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

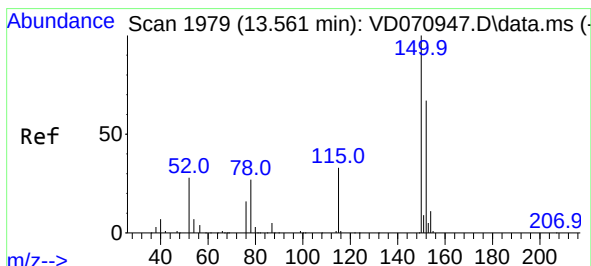
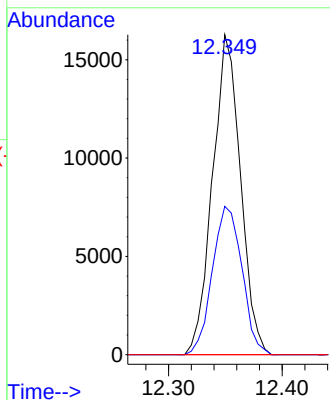
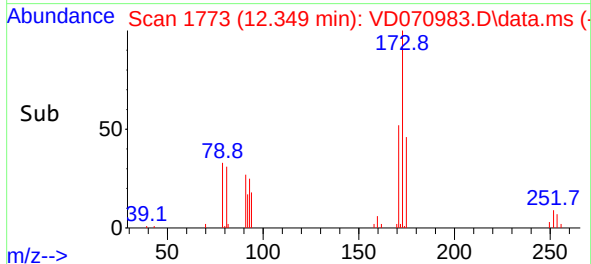
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



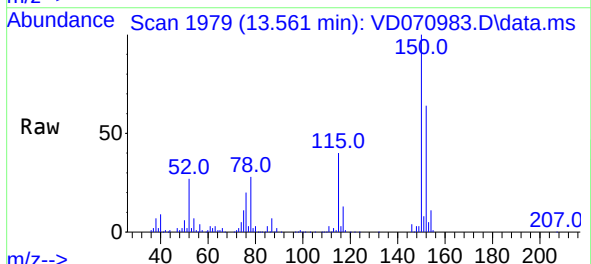
Tgt Ion:173 Resp: 27815
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

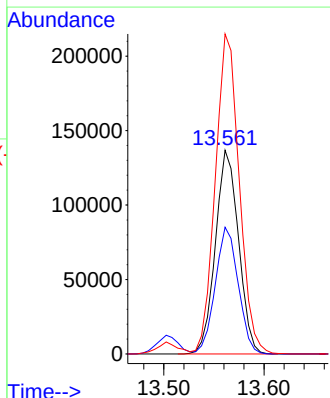
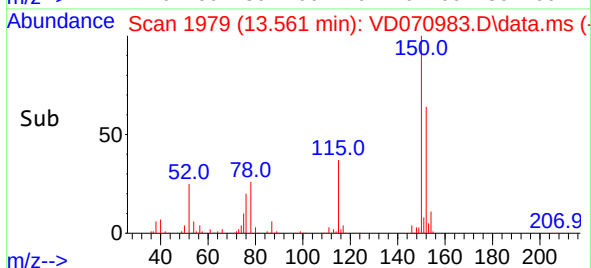
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

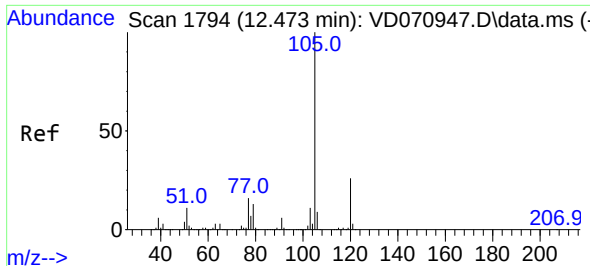


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



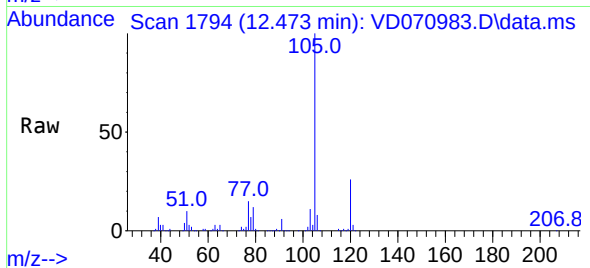
Tgt Ion:152 Resp: 218956
Ion Ratio Lower Upper
152 100
115 61.9 29.8 89.3
150 162.9 0.0 349.2





#73
Isopropylbenzene
Concen: 17.200 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

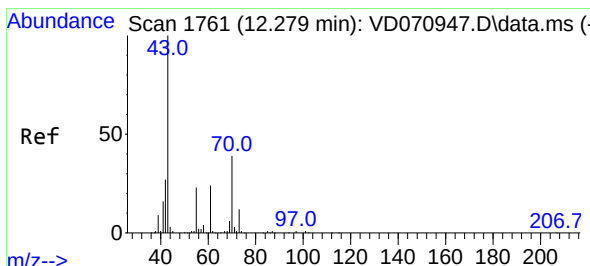
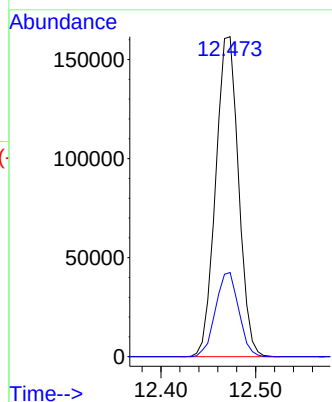
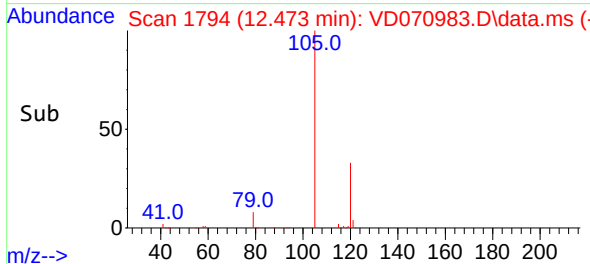
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



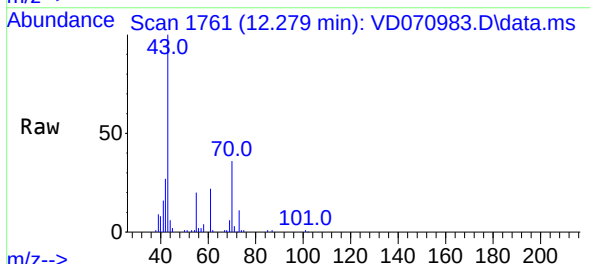
Tgt Ion:105 Resp: 271310
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5

Manual Integrations
APPROVED

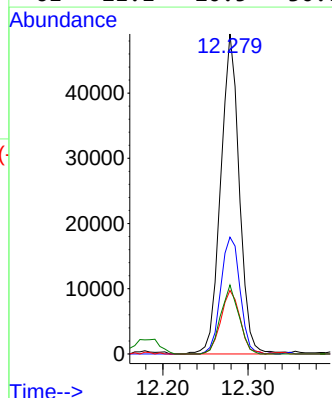
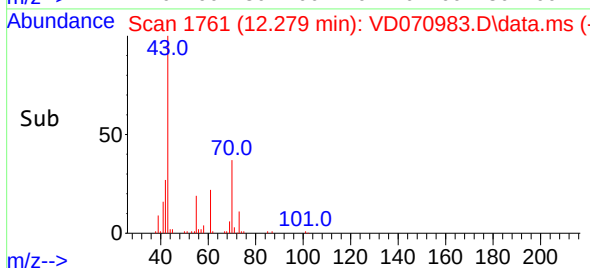
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

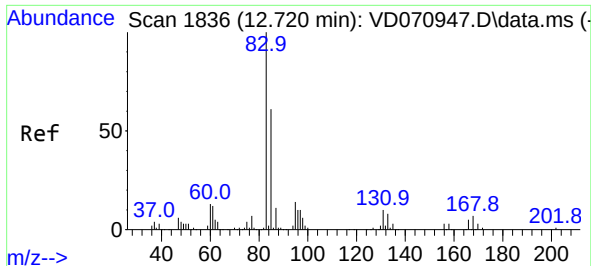


#74
N-ethyl acetate
Concen: 16.503 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



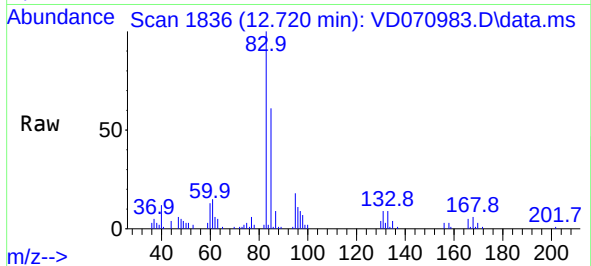
Tgt Ion: 43 Resp: 74368
Ion Ratio Lower Upper
43 100
70 38.0 36.6 55.0
55 20.5 22.5 33.7#
61 21.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.659 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

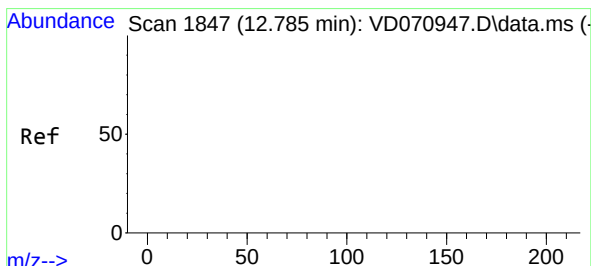
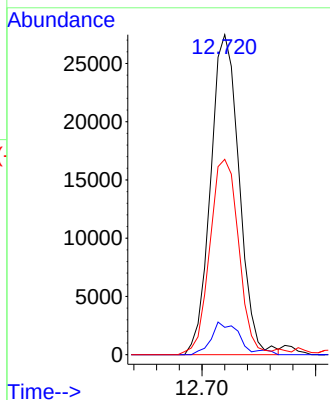
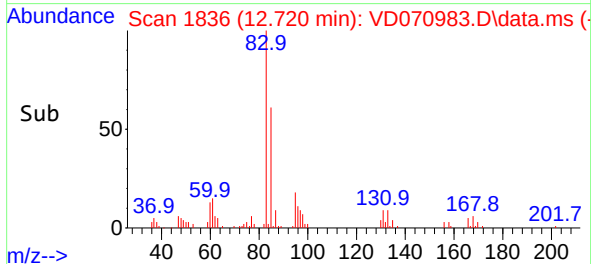
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



Tgt Ion: 83 Resp: 47944
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 61.8 32.0 96.2

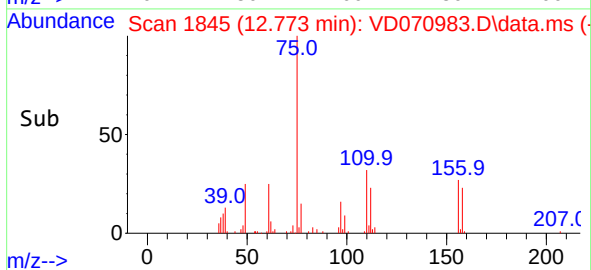
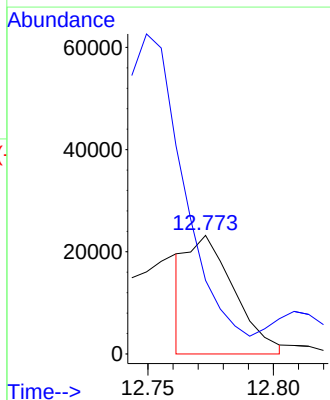
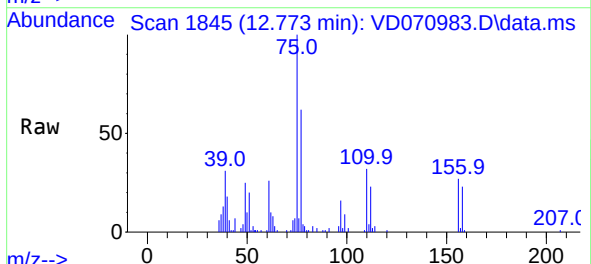
Manual Integrations
APPROVED

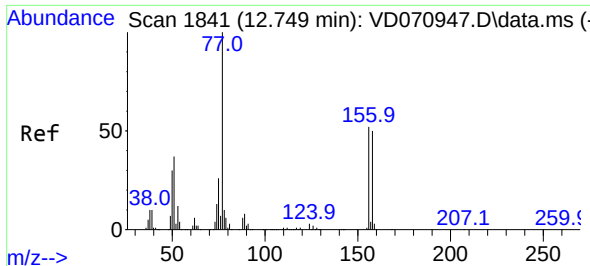
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 16.057 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

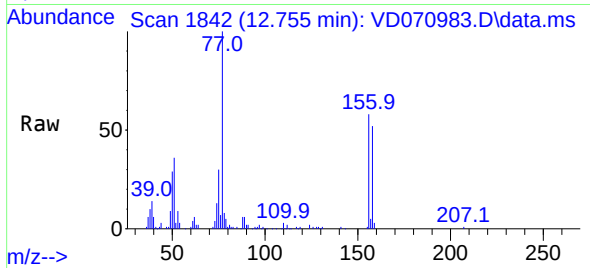
Tgt Ion: 75 Resp: 30032
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 17.964 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

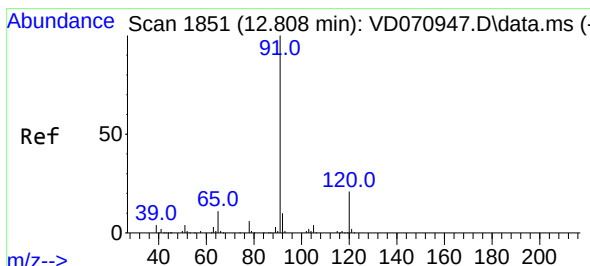
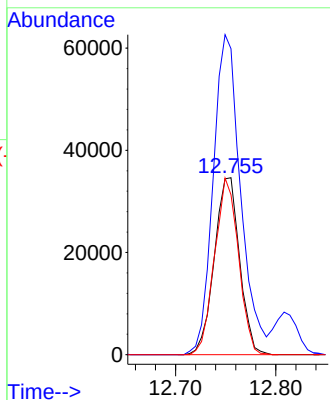
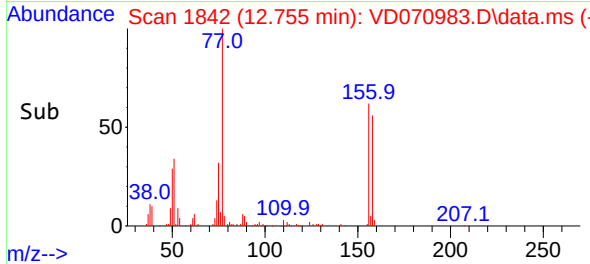
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



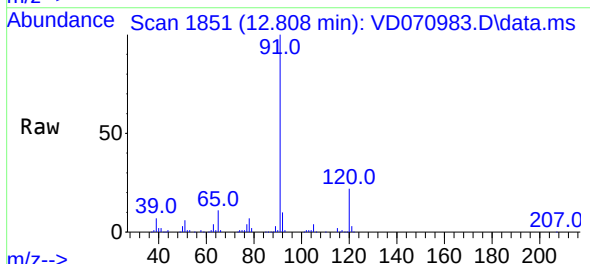
Tgt Ion:156 Resp: 60544
Ion Ratio Lower Upper
156 100
77 195.9 96.6 289.8
158 94.2 49.1 147.4

Manual Integrations
APPROVED

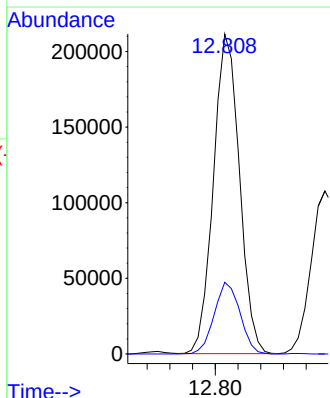
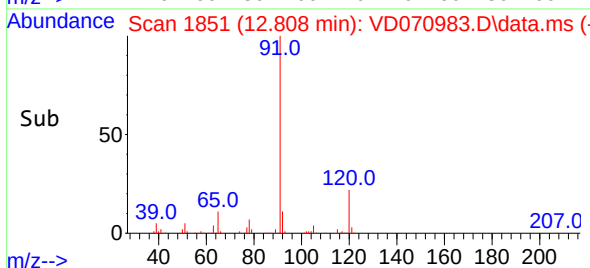
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

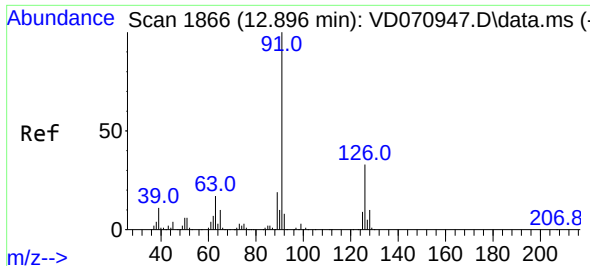


#78
n-propylbenzene
Concen: 17.206 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



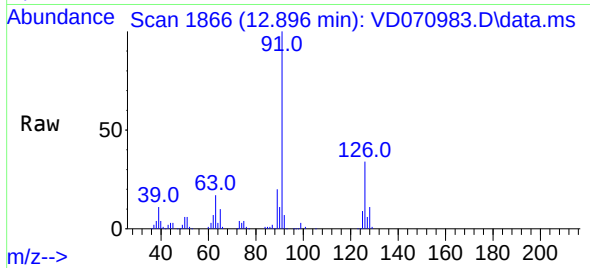
Tgt Ion: 91 Resp: 336289
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 16.825 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

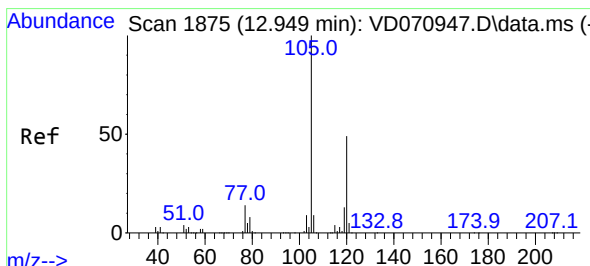
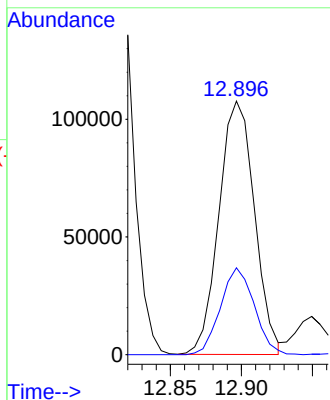
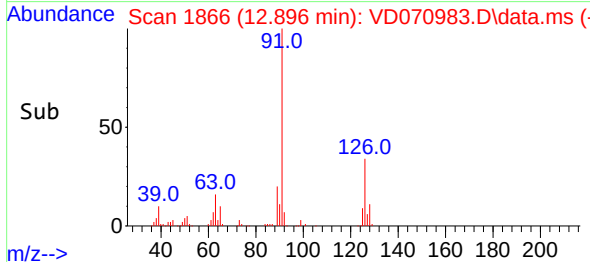
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



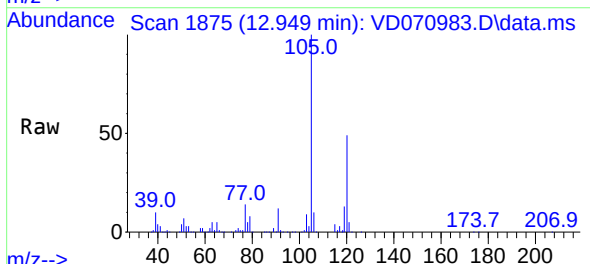
Tgt Ion: 91 Resp: 187502
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

Manual Integrations
APPROVED

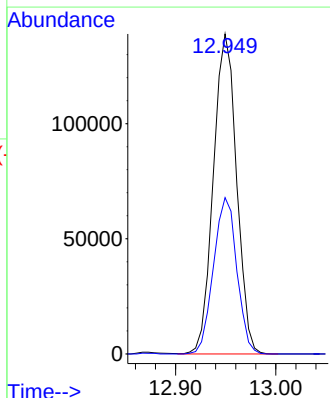
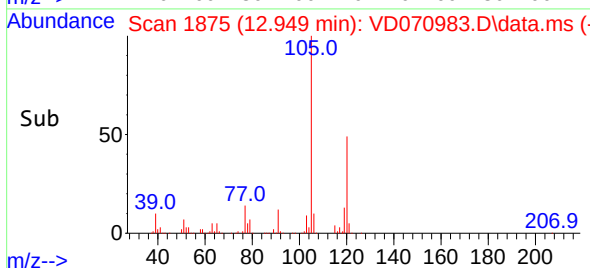
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

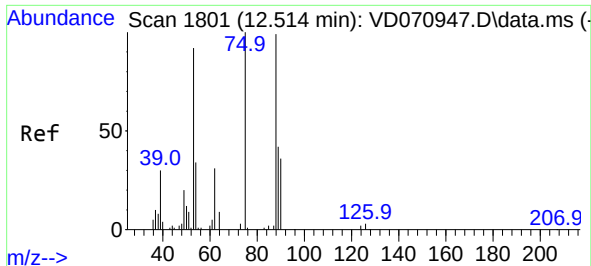


#80
1,3,5-Trimethylbenzene
Concen: 17.204 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



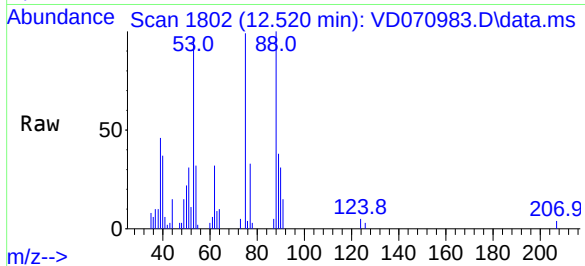
Tgt Ion:105 Resp: 223440
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.009 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

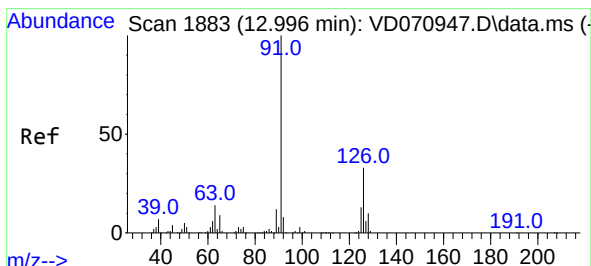
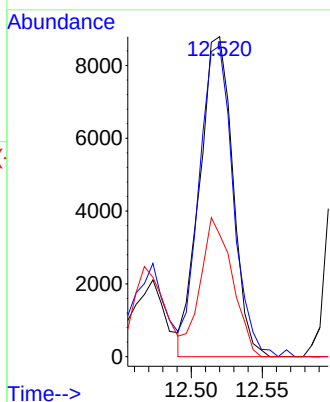
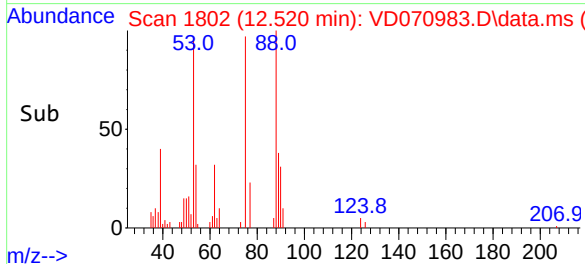
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



Tgt Ion: 75 Resp: 1421
Ion Ratio Lower Upper
75 100
53 100.2 62.6 94.0
89 42.3 34.5 51.7

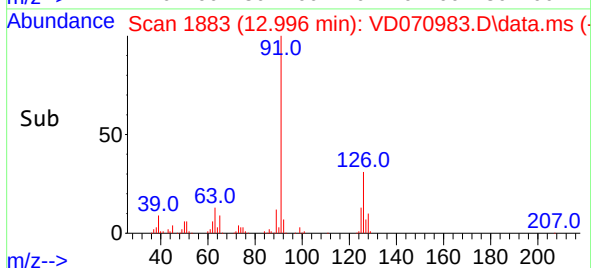
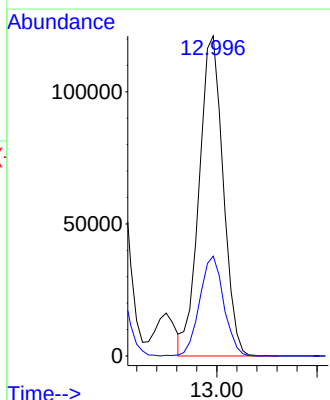
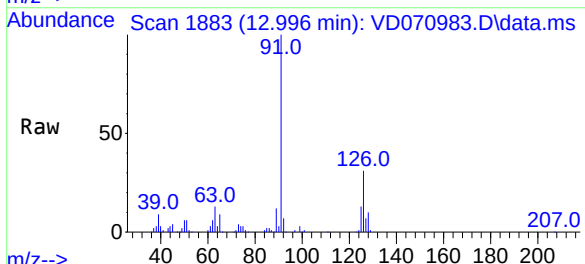
Manual Integrations
APPROVED

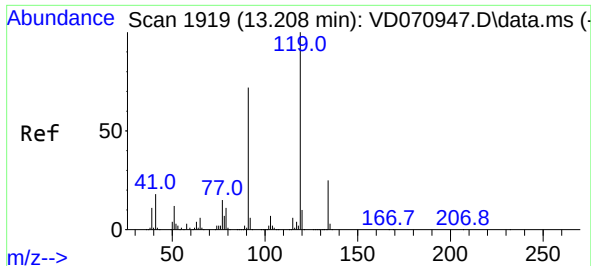
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 17.519 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Tgt Ion: 91 Resp: 201492
Ion Ratio Lower Upper
91 100
126 31.2 16.4 49.1





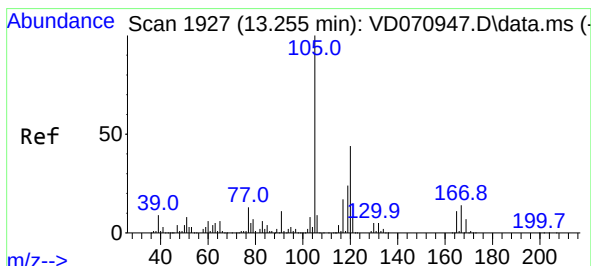
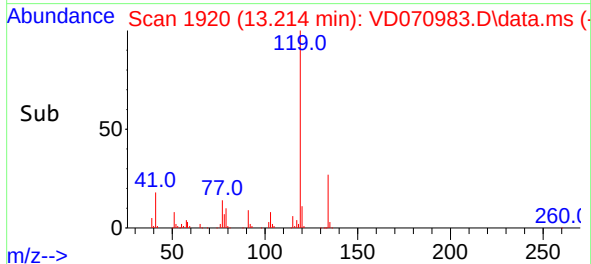
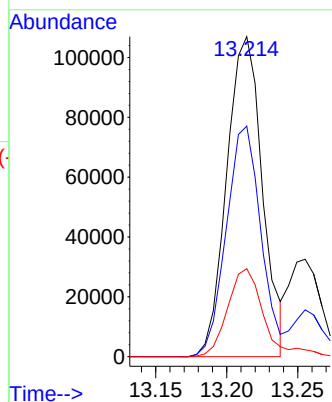
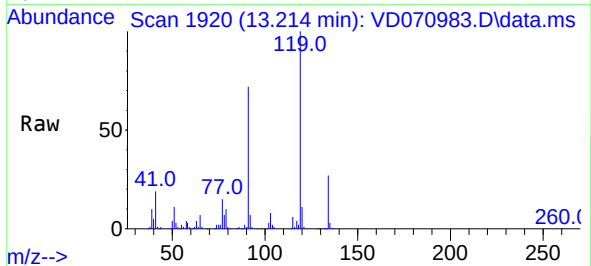
#83
tert-Butylbenzene
Concen: 16.724 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion:119 Resp: 18710
Ion Ratio Lower Upper
119 100
91 69.6 32.5 97.5
134 27.9 13.2 39.6

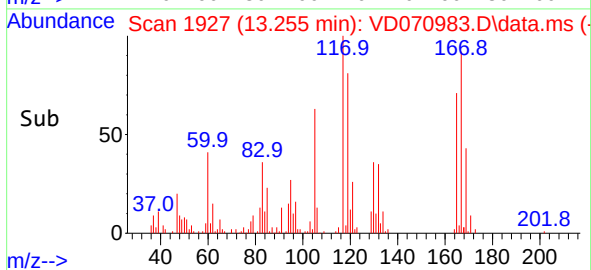
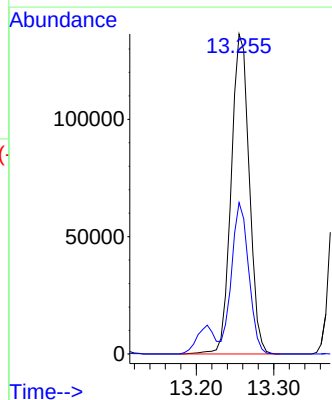
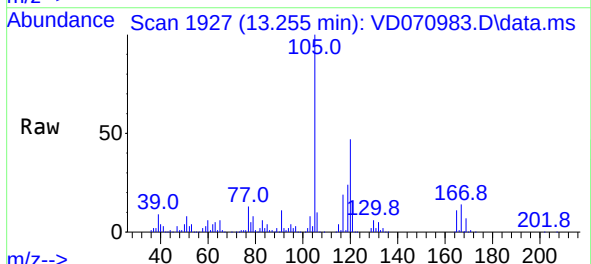
Manual Integrations
APPROVED

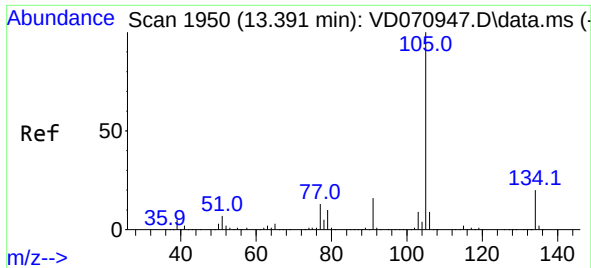
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 17.369 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

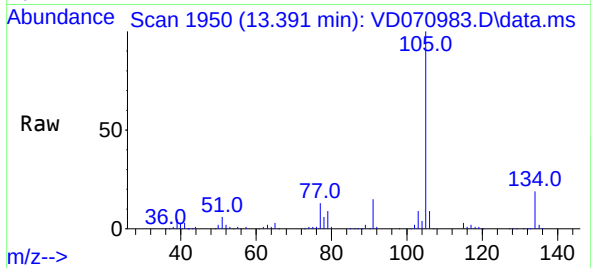
Tgt Ion:105 Resp: 220921
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 17.268 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070983.D
 Acq: 11 Nov 2021 11:12

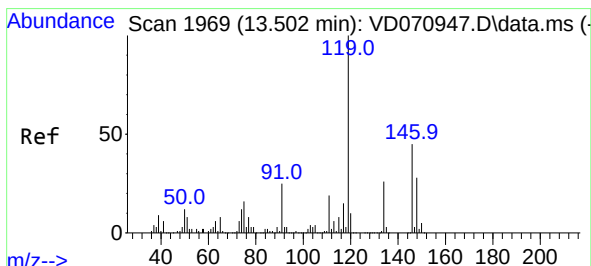
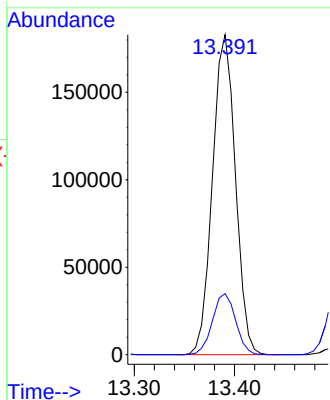
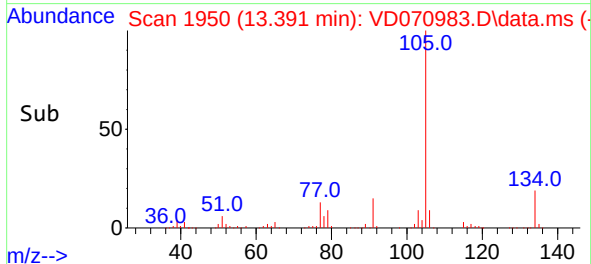
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01



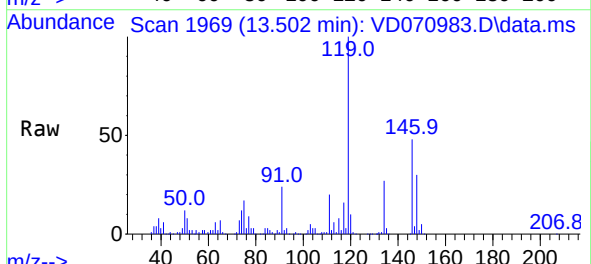
Tgt Ion:105 Resp: 290448
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

Manual Integrations
 APPROVED

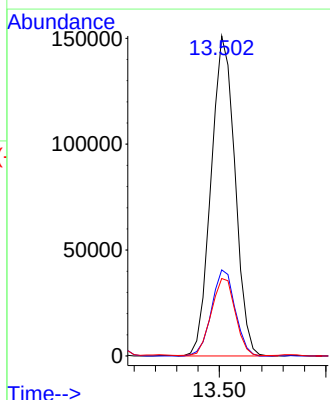
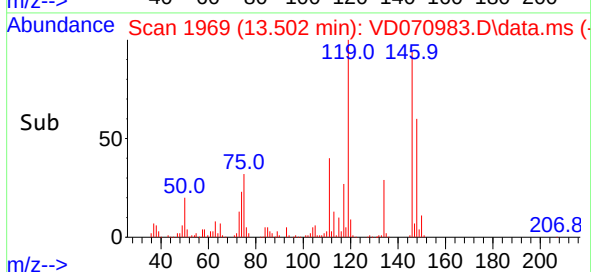
Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

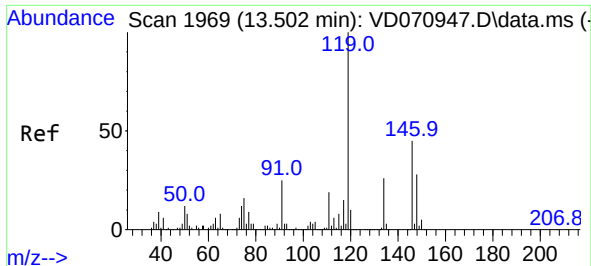


#86
 p-Isopropyltoluene
 Concen: 17.411 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070983.D
 Acq: 11 Nov 2021 11:12



Tgt Ion:119 Resp: 235150
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 24.0 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 17.695 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD070983.D

Acq: 11 Nov 2021 11:12

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tgt Ion:146 Resp: 116604

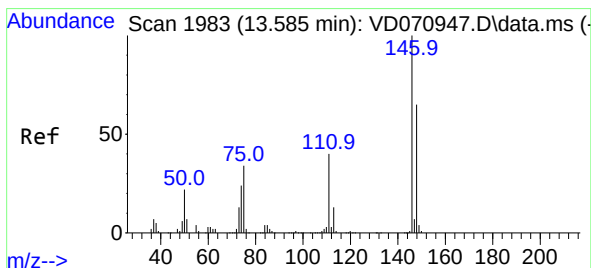
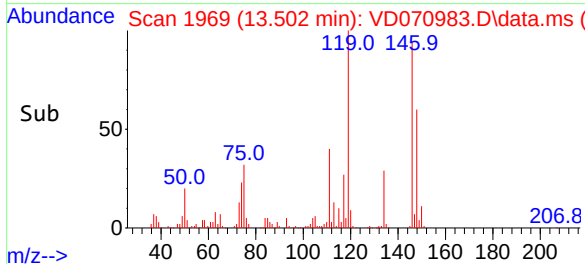
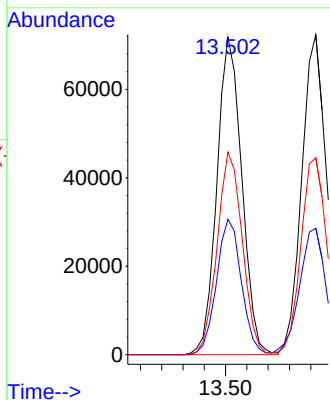
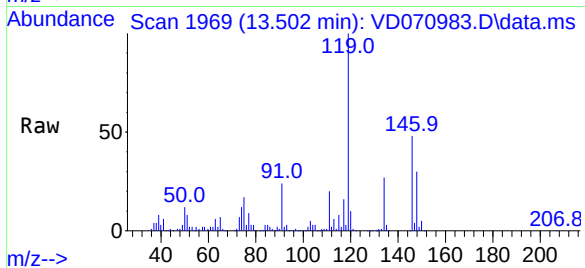
Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.8	59.4
148	64.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 17.682 ug/l

RT: 13.585 min Scan# 1983

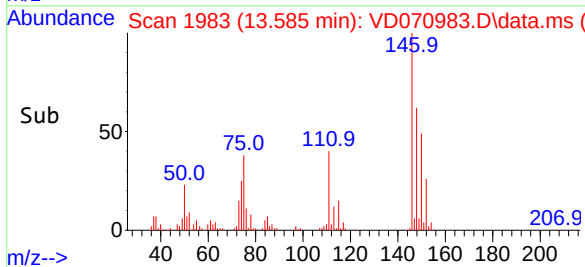
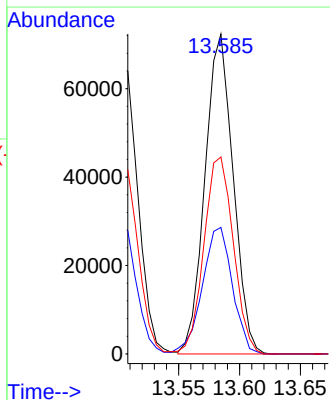
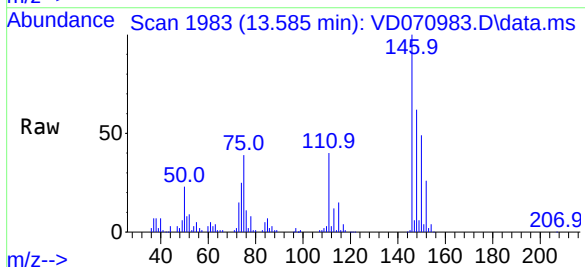
Delta R.T. -0.000 min

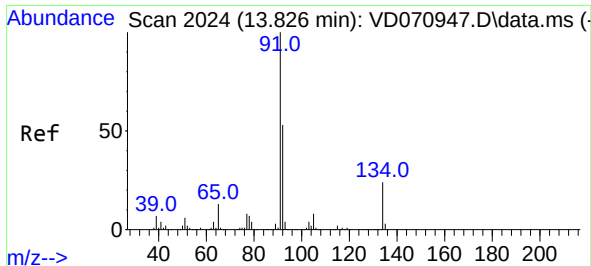
Lab File: VD070983.D

Acq: 11 Nov 2021 11:12

Tgt Ion:146 Resp: 116661

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.6	58.8
148	64.3	31.5	94.5





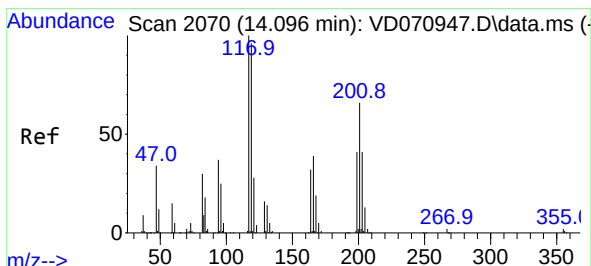
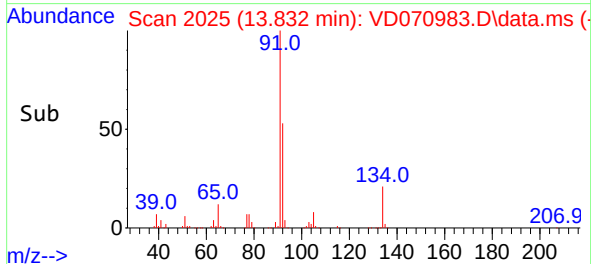
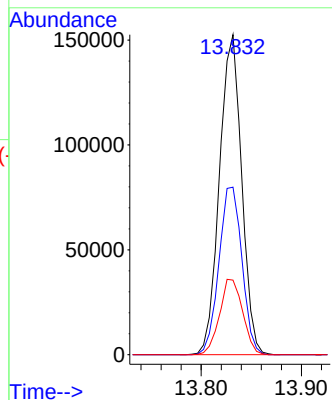
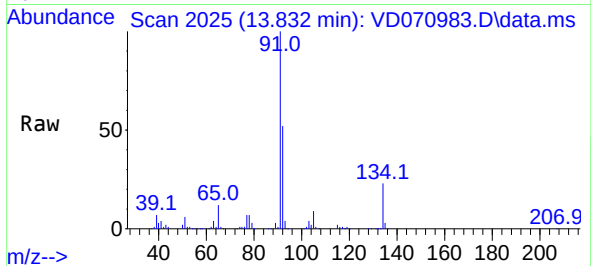
#89
n-Butylbenzene
Concen: 17.246 ug/l
RT: 13.832 min Scan# 2024
Delta R.T. 0.006 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tgt Ion: 91 Resp: 234075
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 24.5 12.3 36.9

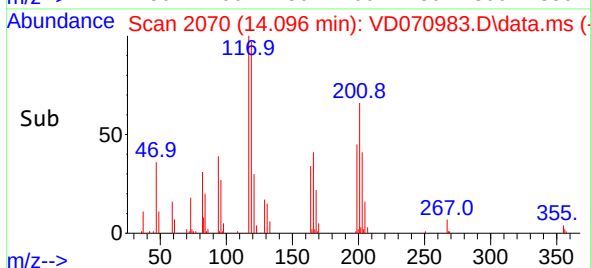
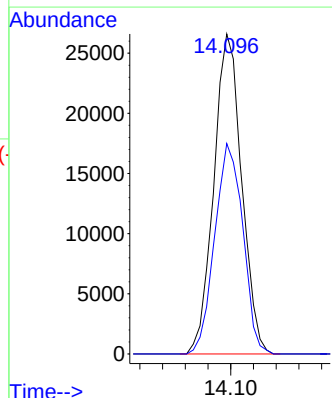
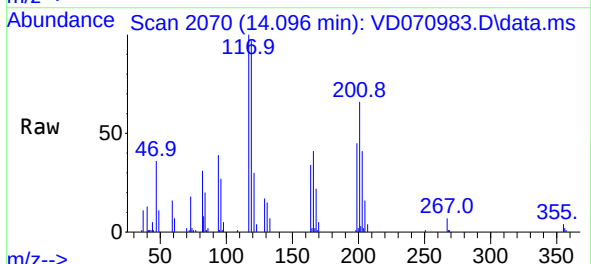
Manual Integrations
APPROVED

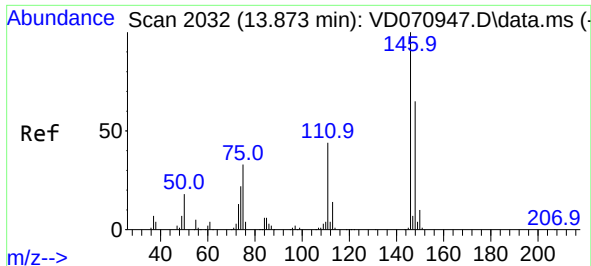
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 16.952 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

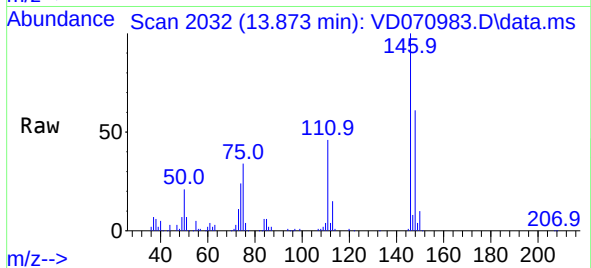
Tgt Ion:117 Resp: 45305
Ion Ratio Lower Upper
117 100
201 66.4 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 17.714 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

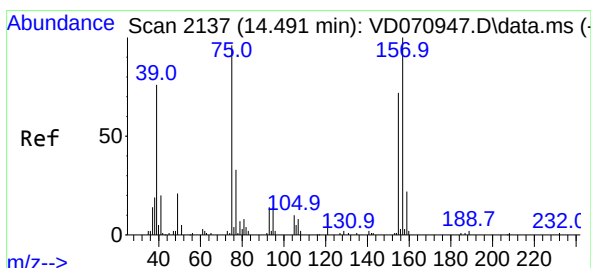
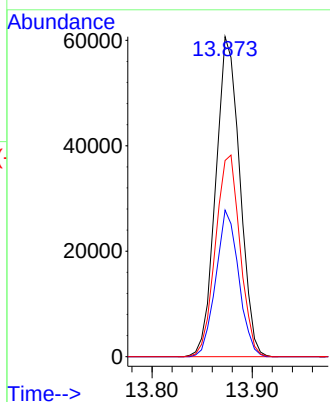
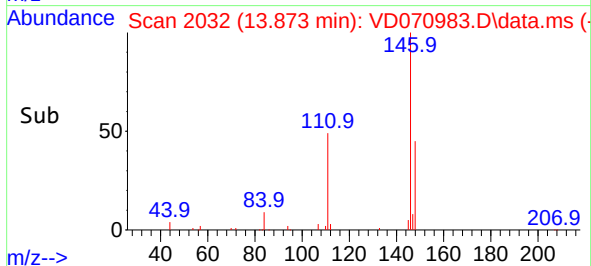
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



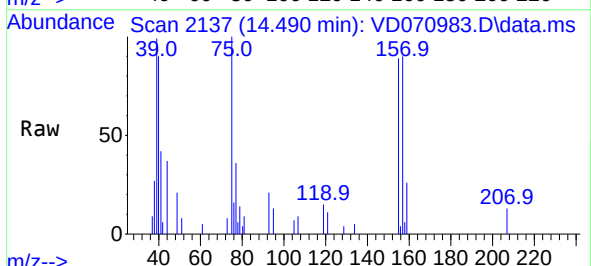
Tgt Ion:146 Resp: 10114
Ion Ratio Lower Upper
146 100
111 43.6 20.8 62.2
148 64.4 31.7 95.1

Manual Integrations
APPROVED

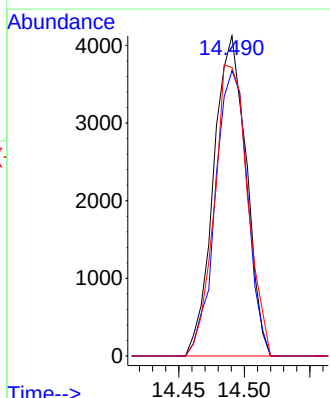
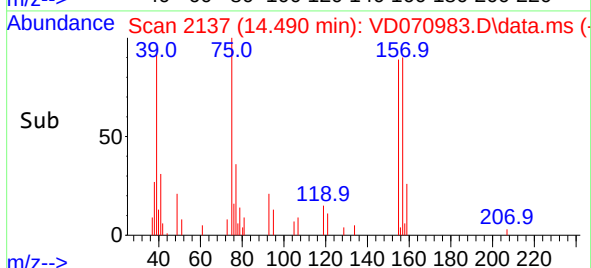
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

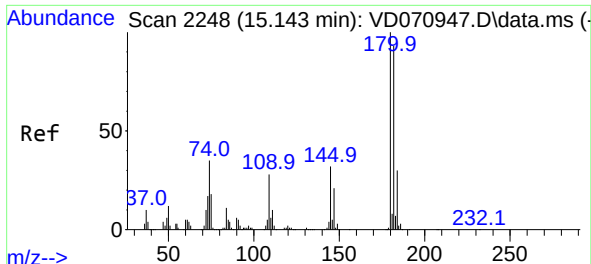


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.012 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



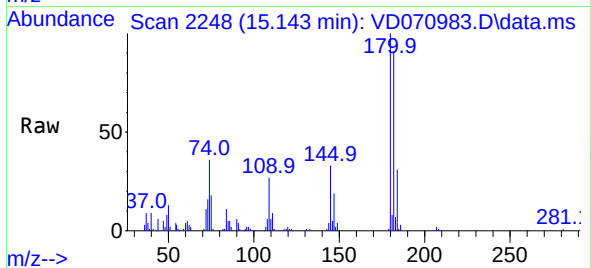
Tgt Ion: 75 Resp: 7130
Ion Ratio Lower Upper
75 100
155 87.7 40.0 120.0
157 92.5 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 17.828 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

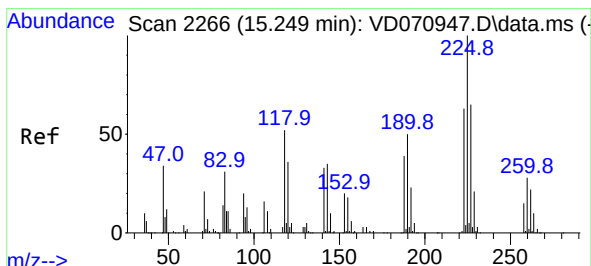
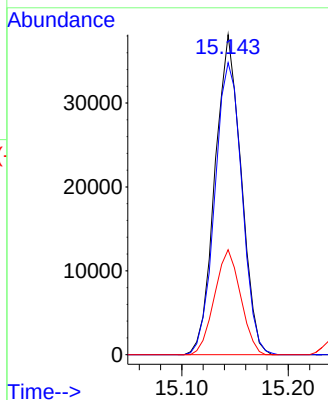
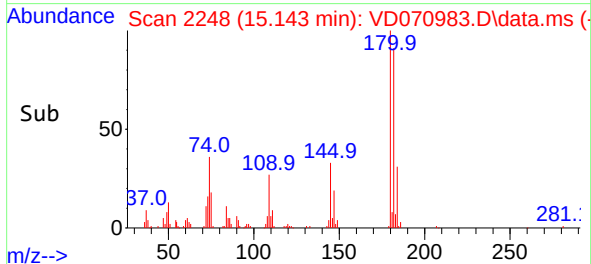
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



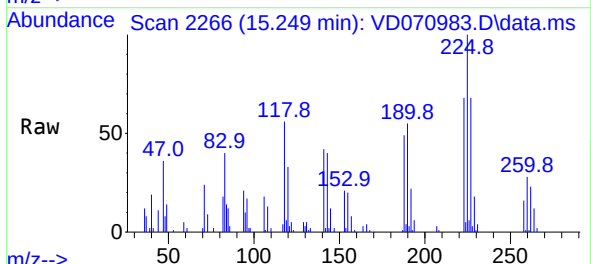
Tgt Ion:180 Resp: 65129
Ion Ratio Lower Upper
180 100
182 94.5 48.2 144.6
145 32.7 15.4 46.2

Manual Integrations
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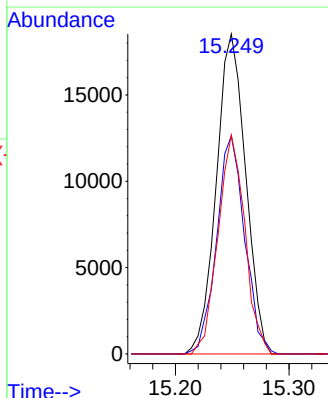
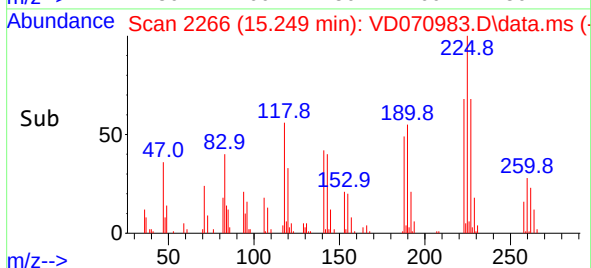
Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

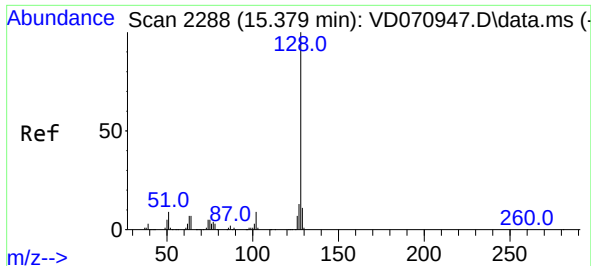


#94
Hexachlorobutadiene
Concen: 18.052 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



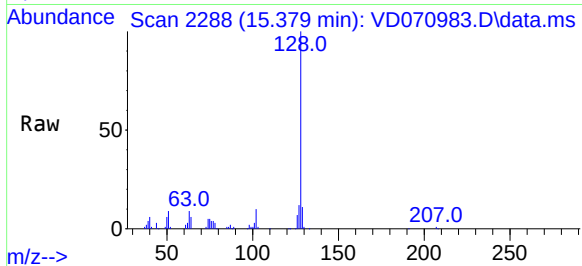
Tgt Ion:225 Resp: 33260
Ion Ratio Lower Upper
225 100
223 65.3 31.8 95.3
227 62.8 31.6 94.8





#95
Naphthalene
Concen: 16.915 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12

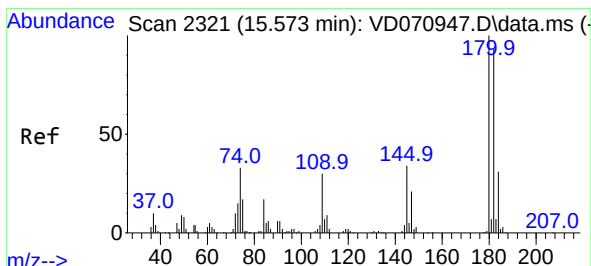
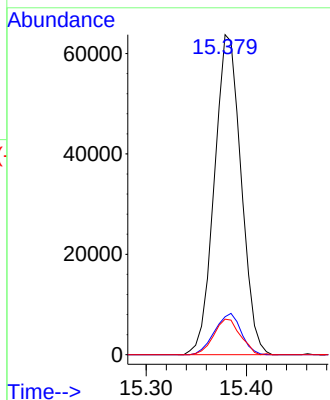
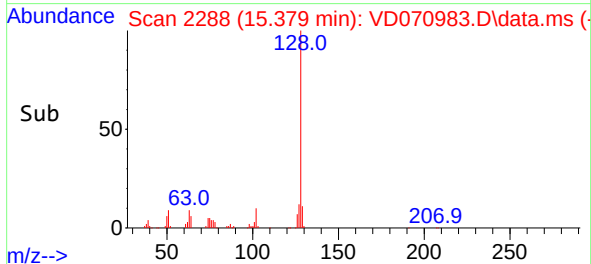
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01



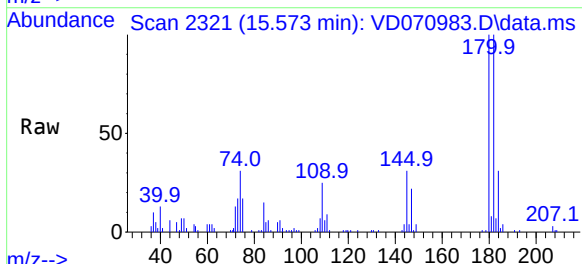
Tgt Ion:128 Resp: 11799
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.663 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD070983.D
Acq: 11 Nov 2021 11:12



Tgt Ion:180 Resp: 54255
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.1
145 34.1 15.9 47.6

