

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070949.D
 Acq On : 09 Nov 2021 12:23
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 10 03:43:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	376797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	618638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269528	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	646770	161.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 322.440%#	
35) Dibromofluoromethane	7.908	113	575542	150.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 301.680%#	
50) Toluene-d8	10.332	98	2207861	147.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 295.520%#	
62) 4-Bromofluorobenzene	12.620	95	808980	150.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 300.720%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	494164	153.503	ug/l	98
3) Chloromethane	2.209	50	596543	155.725	ug/l	100
4) Vinyl Chloride	2.344	62	599440	162.709	ug/l	99
5) Bromomethane	2.738	94	370728	147.635	ug/l	97
6) Chloroethane	2.903	64	385426	162.890	ug/l	94
7) Trichlorofluoromethane	3.262	101	973890	164.255	ug/l	95
8) Diethyl Ether	3.709	74	330922	168.643	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	590938	161.687	ug/l	96
10) Methyl Iodide	4.297	142	727935	202.990	ug/l	99
11) Tert butyl alcohol	5.220	59	224216	764.739	ug/l	98
12) 1,1-Dichloroethene	4.061	96	579277	161.899	ug/l	85
13) Acrolein	3.914	56	68848	682.860	ug/l	93
14) Allyl chloride	4.709	41	1246795	167.296	ug/l #	84
15) Acrylonitrile	5.414	53	801303	853.396	ug/l	98
16) Acetone	4.150	43	860039	855.246	ug/l #	88
17) Carbon Disulfide	4.403	76	1881230	162.833	ug/l	99
18) Methyl Acetate	4.714	43	592700	172.208	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	1582889	171.369	ug/l	99
20) Methylene Chloride	4.961	84	687926	137.234	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	666253	162.459	ug/l	86
22) Diisopropyl ether	6.361	45	2485953	167.787	ug/l	94
23) Vinyl Acetate	6.303	43	6344535	891.777	ug/l	97
24) 1,1-Dichloroethane	6.261	63	1321353	166.974	ug/l	99
25) 2-Butanone	7.208	43	1119376	878.928	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	1124280	168.336	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	767379	163.691	ug/l	91
28) Bromochloromethane	7.544	49	537472	160.129	ug/l	88
29) Tetrahydrofuran	7.561	42	686306	841.966	ug/l	92
30) Chloroform	7.708	83	1276674	169.684	ug/l	99
31) Cyclohexane	7.985	56	1252436	151.807	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	1102454	170.608	ug/l	95
36) 1,1-Dichloropropene	8.108	75	981732	162.615	ug/l	97
37) Ethyl Acetate	7.291	43	480762	174.545	ug/l #	94
38) Carbon Tetrachloride	8.097	117	935278	168.226	ug/l	98
39) Methylcyclohexane	9.349	83	1241854	159.272	ug/l	97
40) Benzene	8.350	78	2740420	161.182	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	286072	210.370	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	846165	175.710	ug/l	95
43) Isopropyl Acetate	8.450	43	993022	170.353	ug/l #	89
44) Trichloroethene	9.108	130	704644	160.791	ug/l	93
45) 1,2-Dichloropropane	9.385	63	758658	164.996	ug/l	100
46) Dibromomethane	9.473	93	370467	169.273	ug/l	95
47) Bromodichloromethane	9.655	83	988464	170.754	ug/l	97
48) Methyl methacrylate	9.449	41	495708	173.348	ug/l #	82
49) 1,4-Dioxane	9.455	88	86028	3392.573	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	2401333	849.700	ug/l	91
52) Toluene	10.396	92	1729622	161.384	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	990798	169.728	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	1165940	169.376	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	497757	165.479	ug/l	97
56) Ethyl methacrylate	10.655	69	730599	171.665	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	911081	166.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1718637	776.763	ug/l	99
59) 2-Hexanone	10.979	43	1725426	838.350	ug/l	90
60) Dibromochloromethane	11.132	129	616055	170.722	ug/l	99
61) 1,2-Dibromoethane	11.238	107	487750	166.698	ug/l	100
64) Tetrachloroethene	10.873	164	558453	154.807	ug/l	96
65) Chlorobenzene	11.661	112	1792044	162.354	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	651054	166.182	ug/l	98
67) Ethyl Benzene	11.738	91	3355770	160.537	ug/l	99
68) m/p-Xylenes	11.849	106	2486348	318.252	ug/l	95
69) o-Xylene	12.173	106	1202523	161.823	ug/l	95
70) Styrene	12.185	104	2038180	161.987	ug/l	95
71) Bromoform	12.349	173	343737	168.249	ug/l #	100
73) Isopropylbenzene	12.467	105	3155208	162.495	ug/l	100
74) N-amyl acetate	12.279	43	937759	169.048	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	552061	165.182	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	365467m	448.206	ug/l	
77) Bromobenzene	12.749	156	678774	163.610	ug/l	90
78) n-propylbenzene	12.808	91	3869826	160.844	ug/l	100
79) 2-Chlorotoluene	12.896	91	2265184	165.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2616023	163.631	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	187566	170.755	ug/l #	84
82) 4-Chlorotoluene	12.996	91	2329434	164.529	ug/l	98
83) tert-Butylbenzene	13.214	119	2230865	161.987	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	2571614	164.246	ug/l	97
85) sec-Butylbenzene	13.390	105	3305542	159.653	ug/l	99
86) p-Isopropyltoluene	13.502	119	2680027	161.202	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	1298756	160.109	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	1303484	160.493	ug/l	98
89) n-Butylbenzene	13.826	91	2688664	160.920	ug/l	100
90) Hexachloroethane	14.096	117	546693	166.173	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	1147214	163.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	95913	174.980	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	722483	160.658	ug/l	97
94) Hexachlorobutadiene	15.249	225	364764	160.830	ug/l	99
95) Naphthalene	15.379	128	1436198	167.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	614834	162.605	ug/l	99

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

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Manual Integrations

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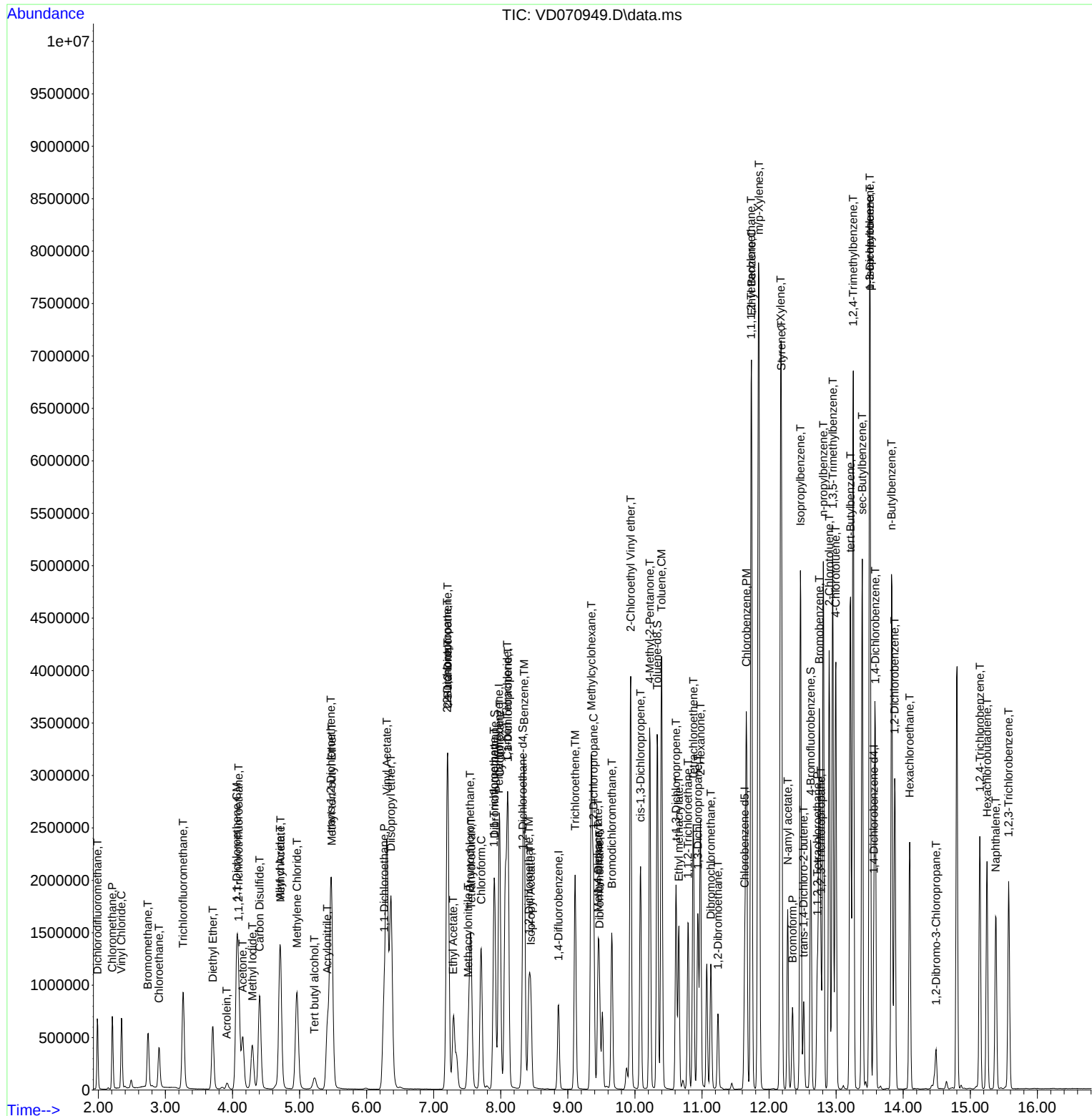
Quant Time: Nov 10 03:43:01 2021

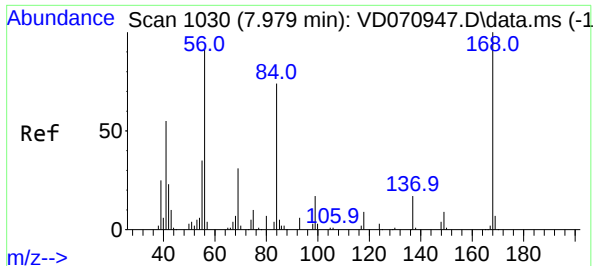
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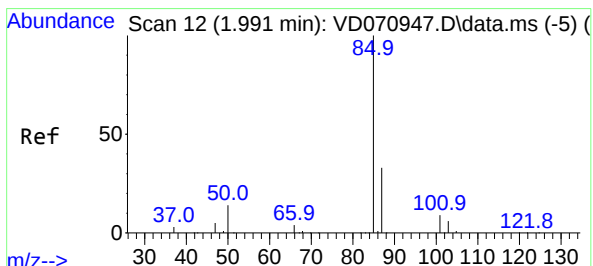
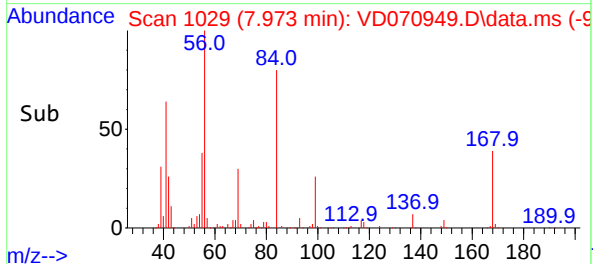
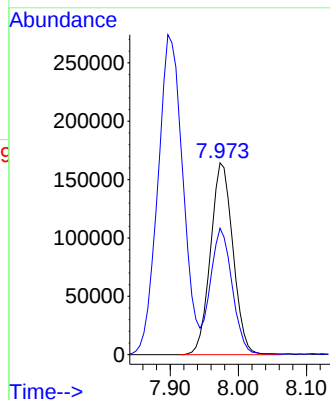
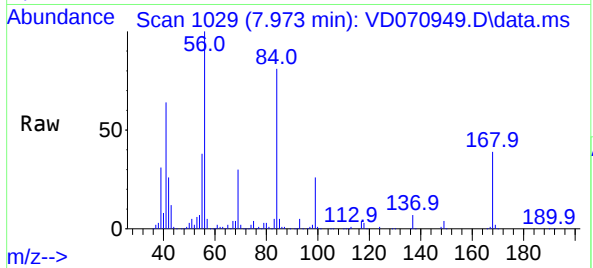
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 37679
Ion Ratio Lower Upper
168 100
99 65.5 46.6 69.8

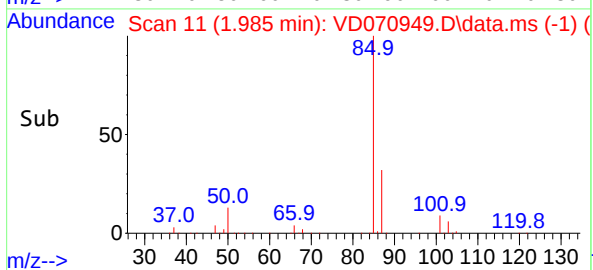
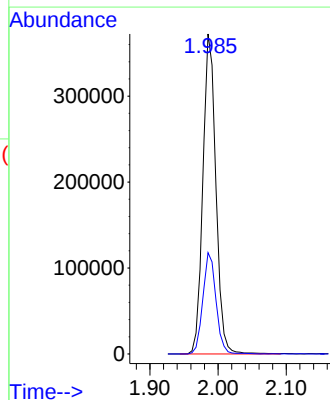
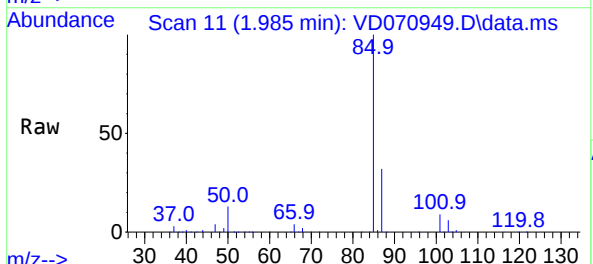
Manual Integrations
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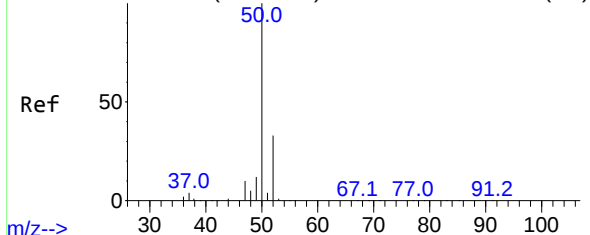


#2
Dichlorodifluoromethane
Concen: 153.503 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion: 85 Resp: 494164
Ion Ratio Lower Upper
85 100
87 31.7 15.2 45.6



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



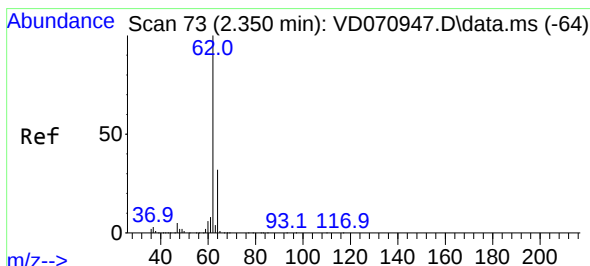
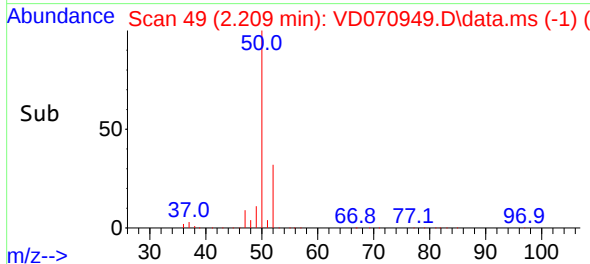
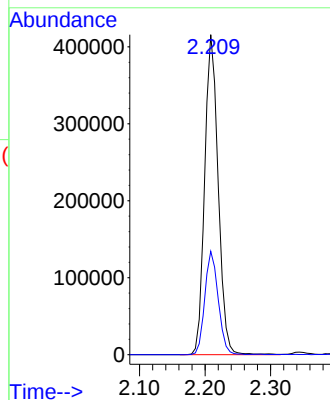
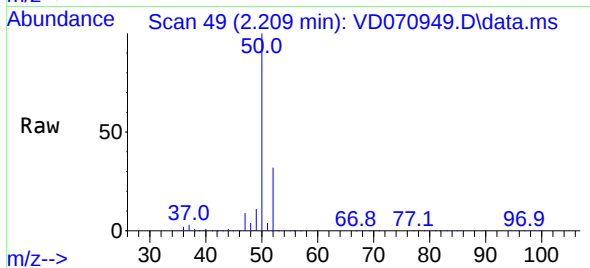
#3
Chloromethane
Concen: 155.725 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 59654
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8

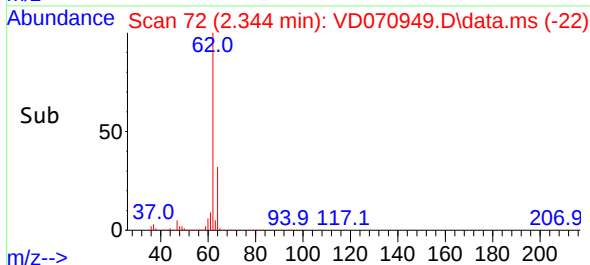
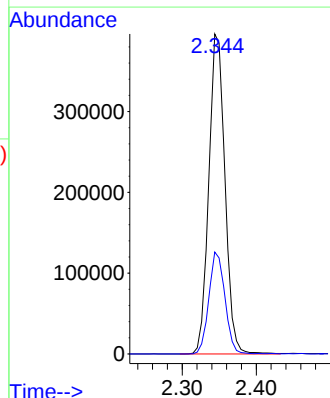
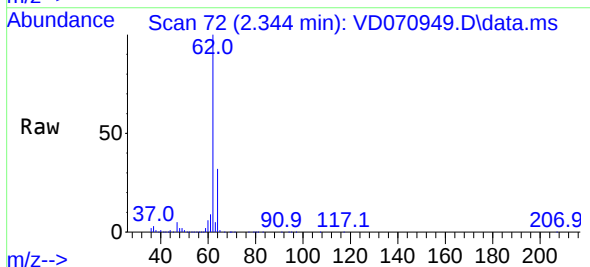
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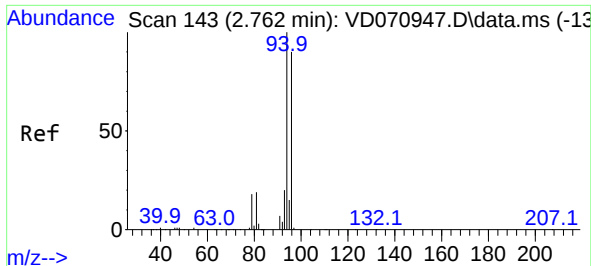
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#4
Vinyl Chloride
Concen: 162.709 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

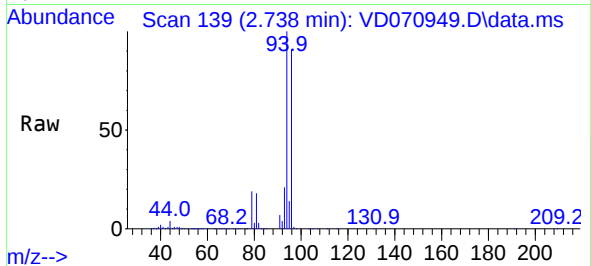
Tgt Ion: 62 Resp: 599440
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 147.635 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

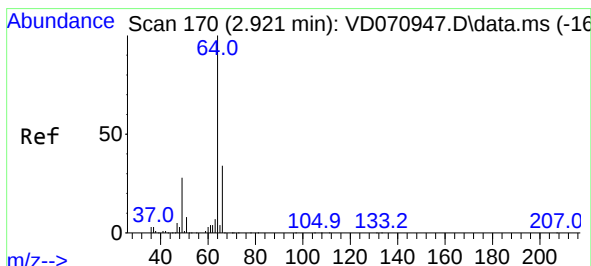
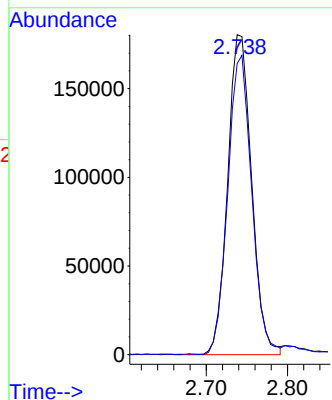
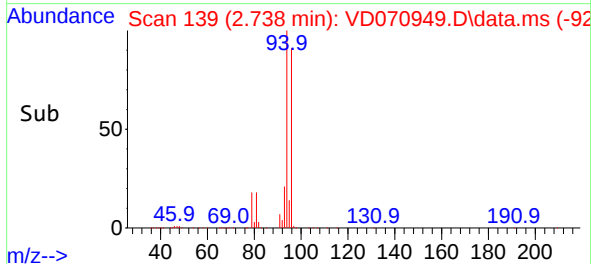
Instrument :
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Tgt Ion: 94 Resp: 370728
Ion Ratio Lower Upper
94 100
96 90.8 74.8 112.2

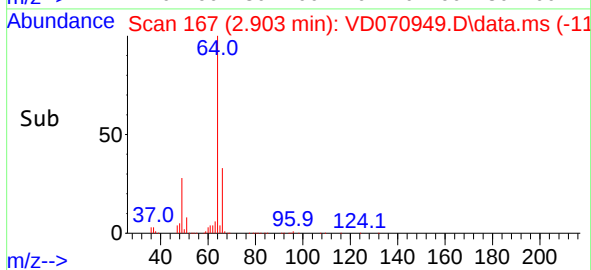
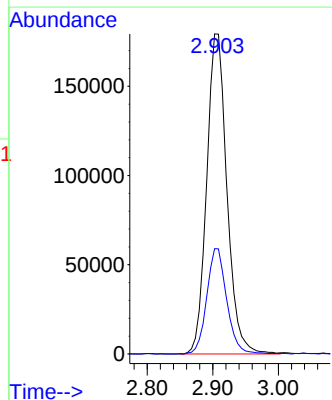
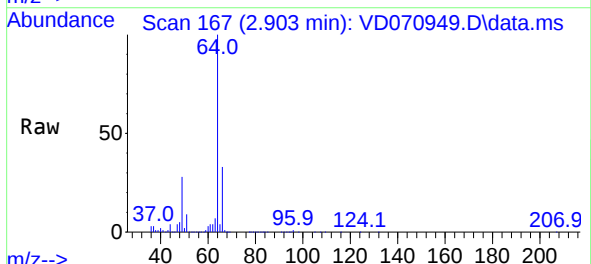
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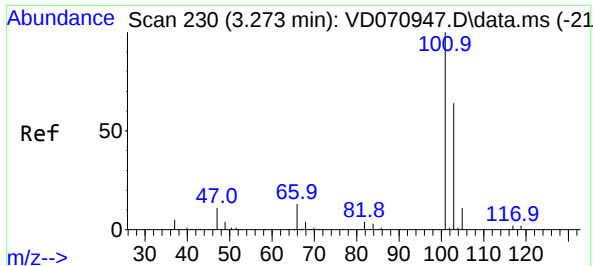
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#6
Chloroethane
Concen: 162.890 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.018 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion: 64 Resp: 385426
Ion Ratio Lower Upper
64 100
66 32.8 29.0 43.4





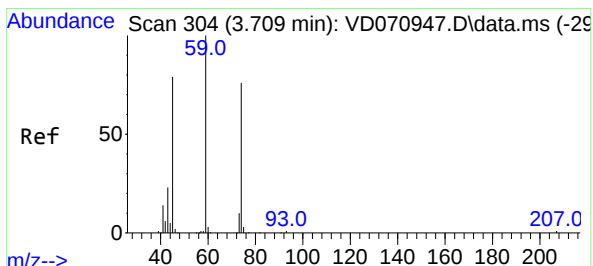
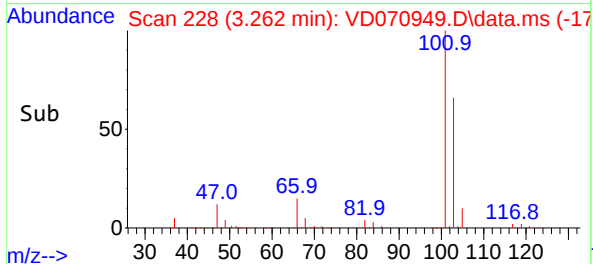
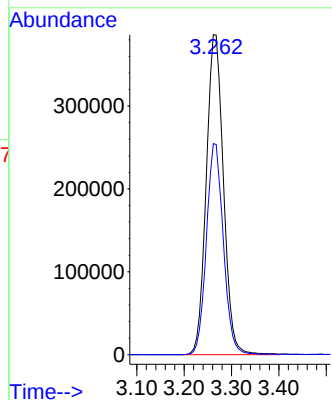
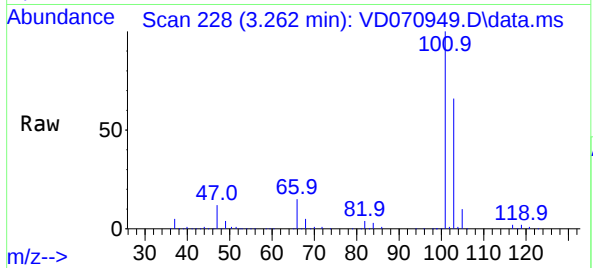
#7
Trichlorofluoromethane
Concen: 164.255 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 973890
Ion Ratio Lower Upper
101 100
103 65.9 49.7 74.5

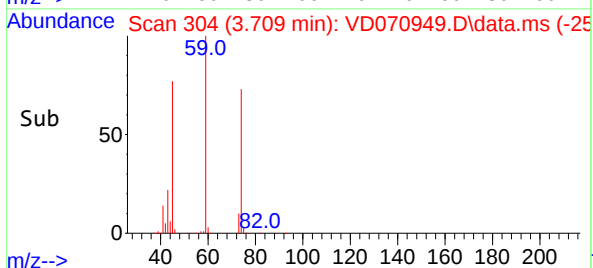
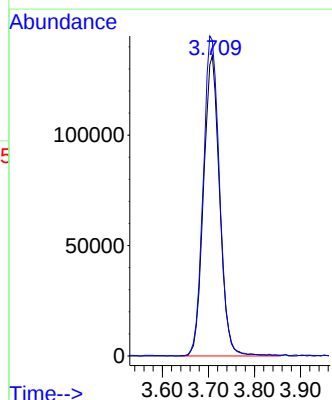
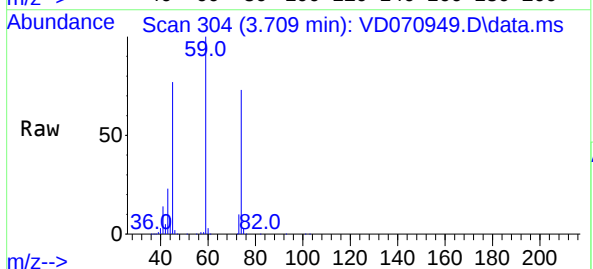
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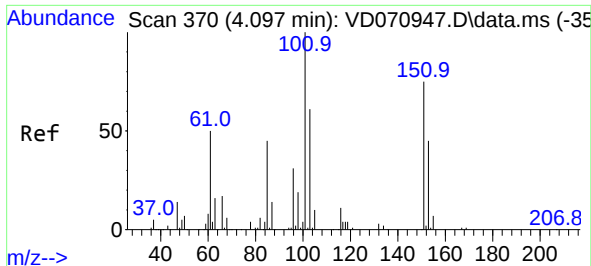
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 168.643 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion: 74 Resp: 330922
Ion Ratio Lower Upper
74 100
45 107.7 49.6 149.0





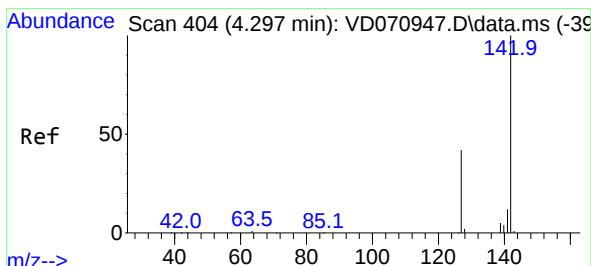
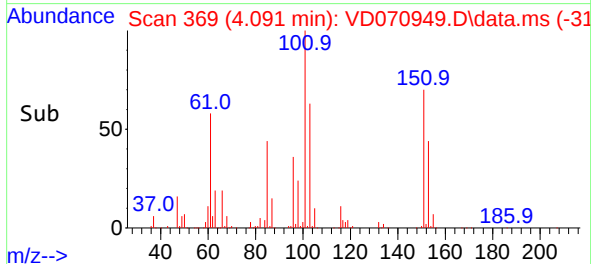
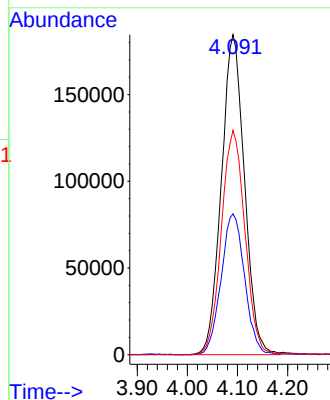
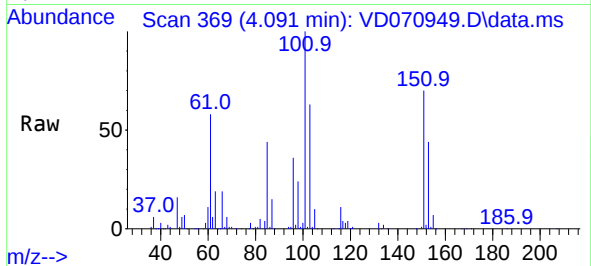
#9
1,1,2-Trichlorotrifluoroethane
Concen: 161.687 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 590938
Ion Ratio Lower Upper
101 100
85 45.0 34.8 52.2
151 71.5 60.4 90.6

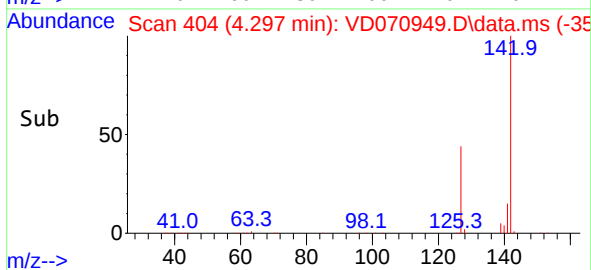
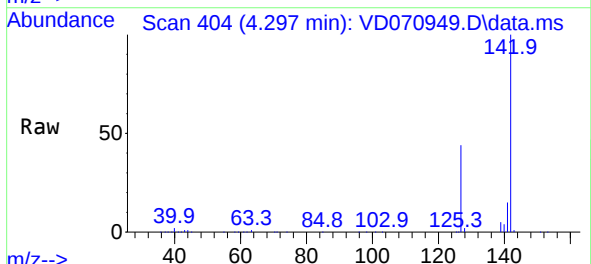
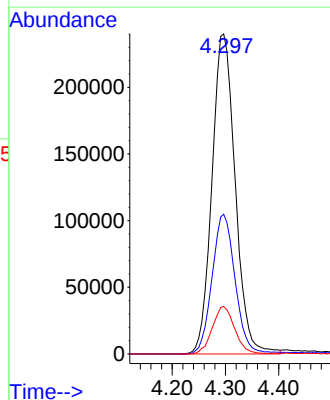
Manual Integrations
APPROVED

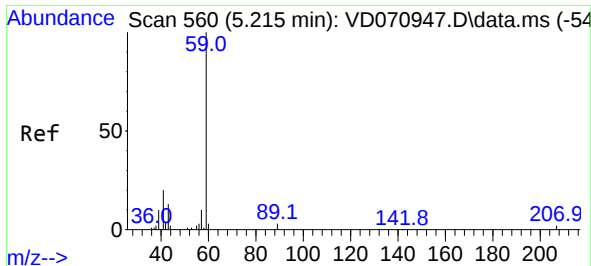
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 202.990 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

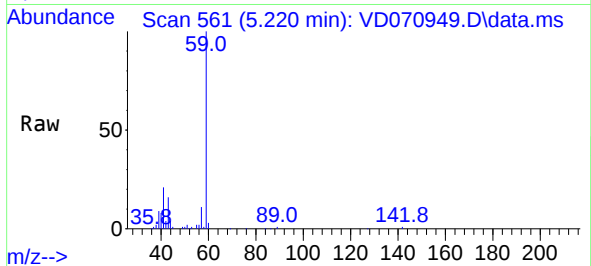
Tgt Ion:142 Resp: 727935
Ion Ratio Lower Upper
142 100
127 43.5 35.0 52.4
141 14.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 764.739 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

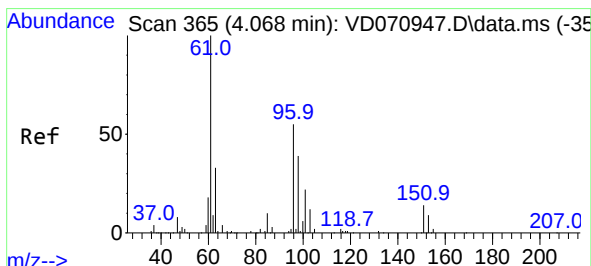
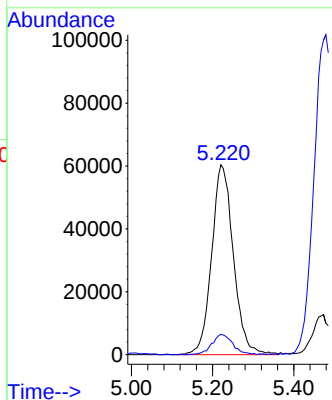
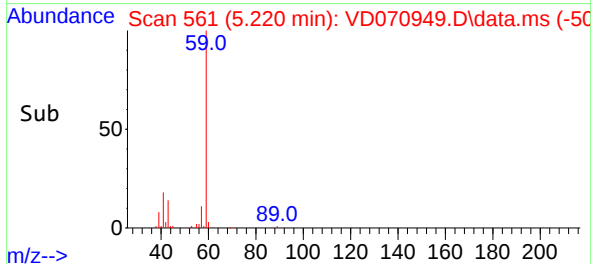
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



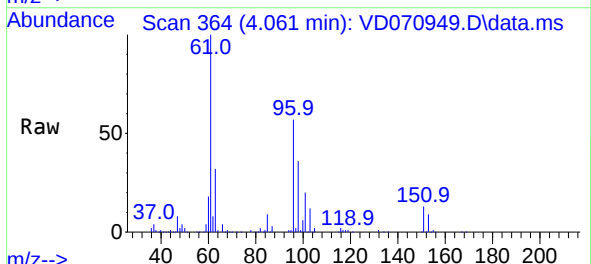
Tgt Ion: 59 Resp: 224210
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4

Manual Integrations
APPROVED

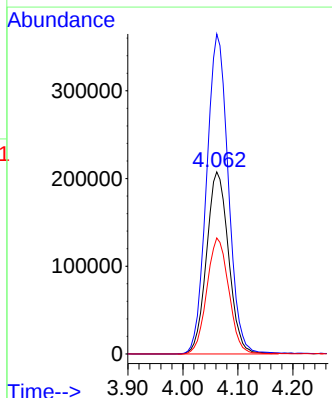
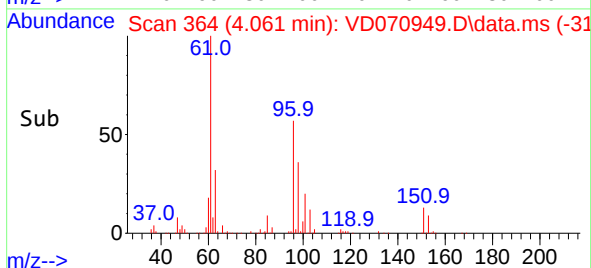
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

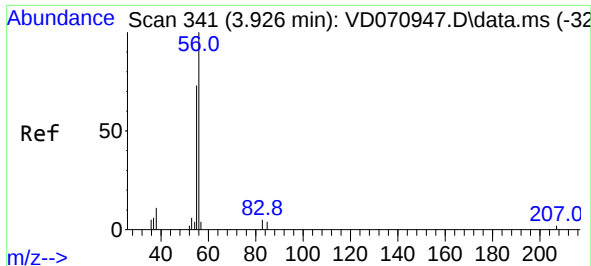


#12
1,1-Dichloroethene
Concen: 161.899 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



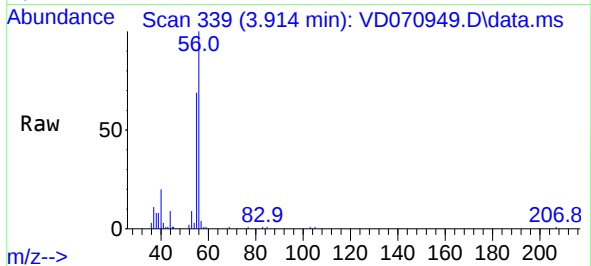
Tgt Ion: 96 Resp: 579277
Ion Ratio Lower Upper
96 100
61 175.7 120.3 180.5
98 63.7 54.4 81.6





#13
Acrolein
Concen: 682.860 ug/l
RT: 3.914 min Scan# 311
Delta R.T. -0.012 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

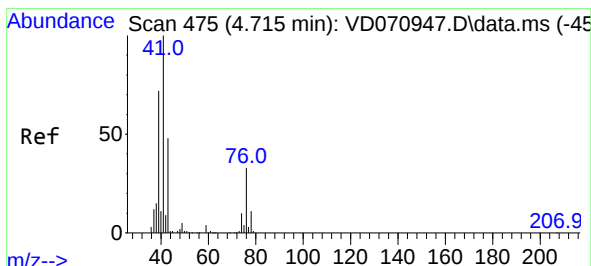
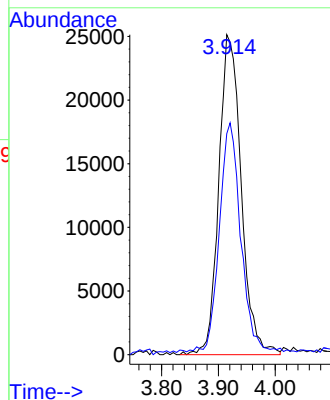
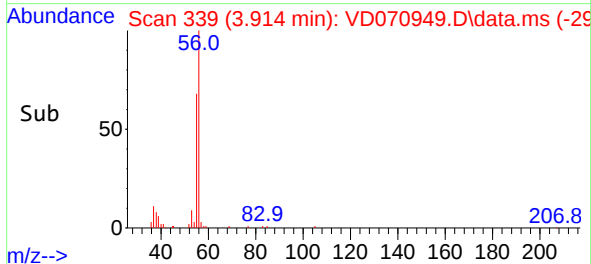
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



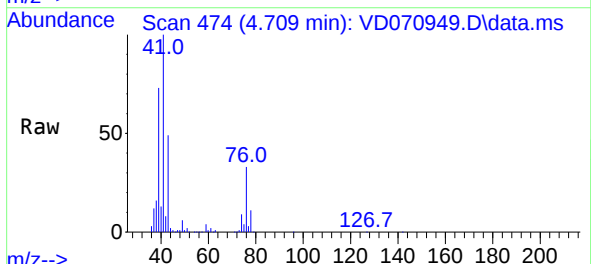
Tgt Ion: 56 Resp: 68848
Ion Ratio Lower Upper
56 100
55 67.3 58.6 87.8

Manual Integrations
APPROVED

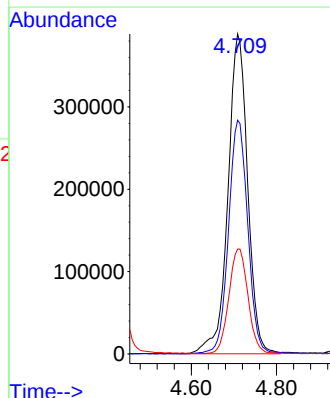
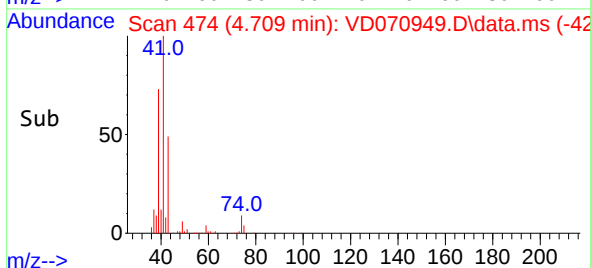
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

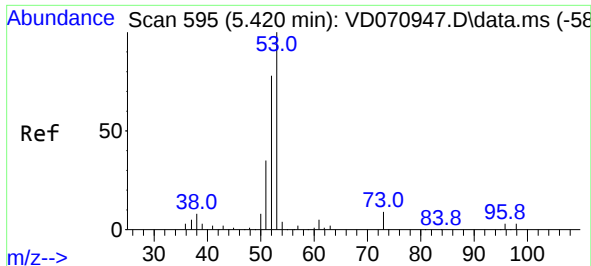


#14
Allyl chloride
Concen: 167.296 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



Tgt Ion: 41 Resp: 1246795
Ion Ratio Lower Upper
41 100
39 71.5 45.6 68.4#
76 31.8 30.2 45.4





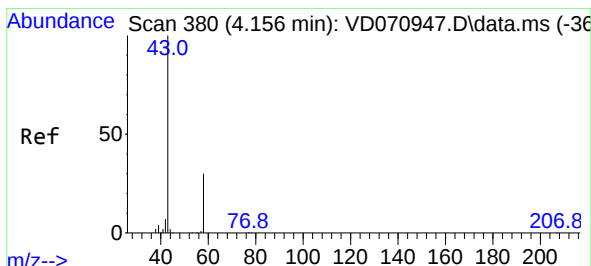
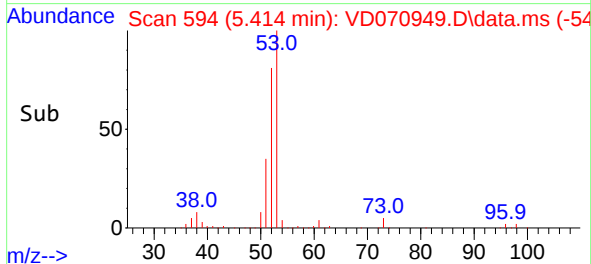
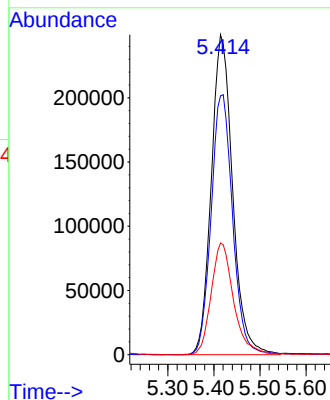
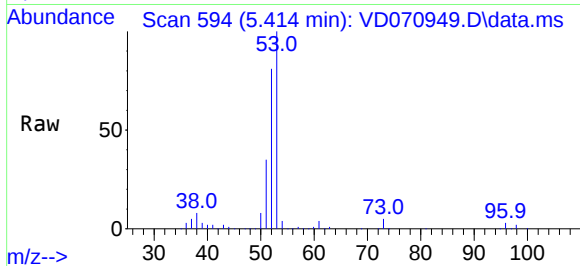
#15
Acrylonitrile
Concen: 853.396 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 80130
Ion Ratio Lower Upper
53 100
52 82.0 63.8 95.8
51 36.8 28.5 42.7

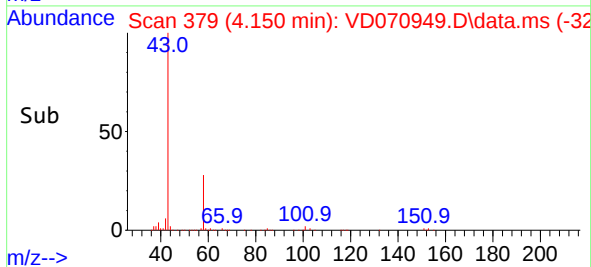
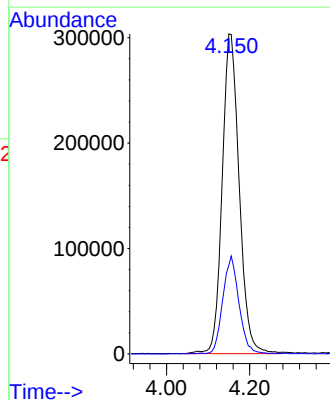
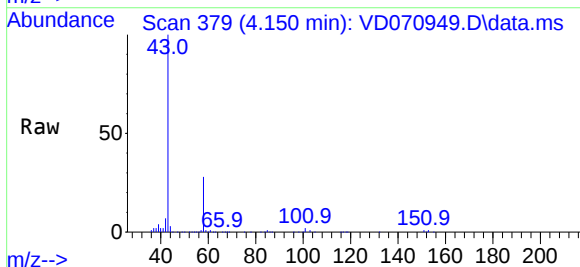
Manual Integrations
APPROVED

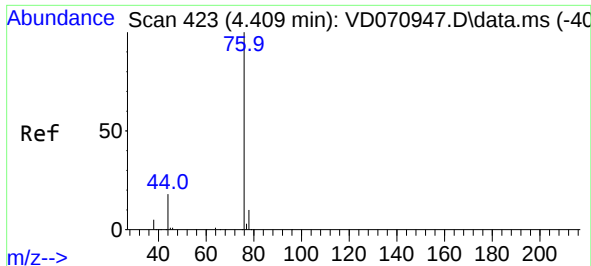
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 855.246 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

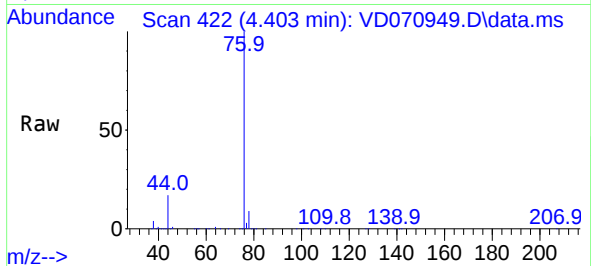
Tgt Ion: 43 Resp: 860039
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#





#17
Carbon Disulfide
Concen: 162.833 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

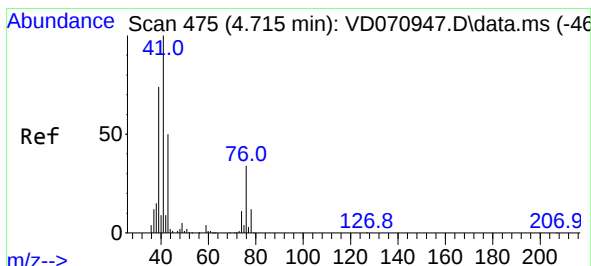
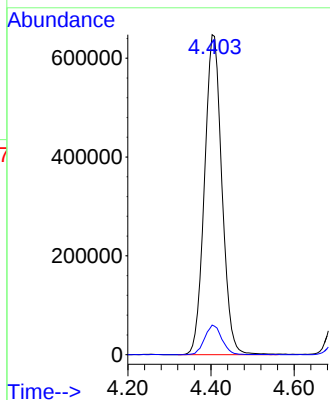
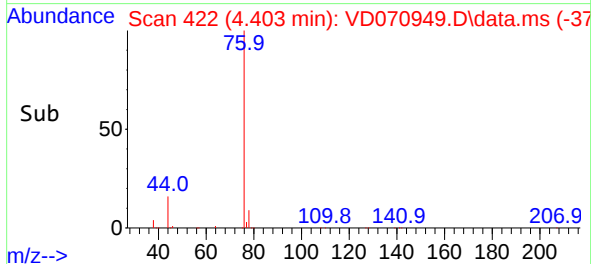
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



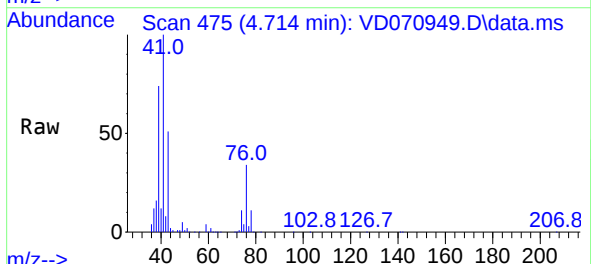
Tgt Ion: 76 Resp: 1881230
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

Manual Integrations
APPROVED

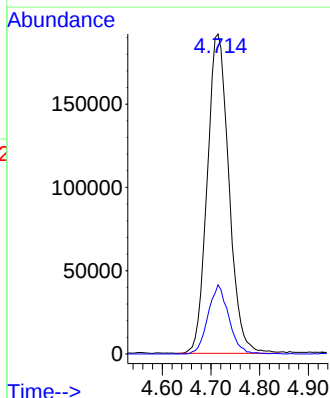
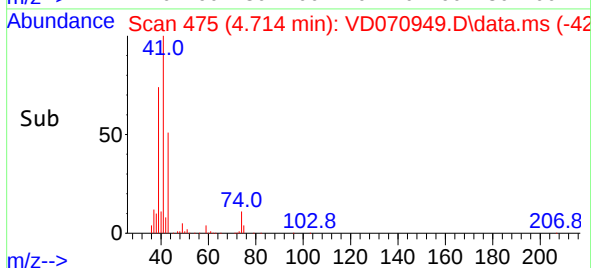
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

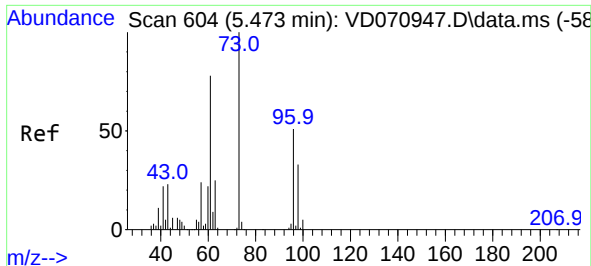


#18
Methyl Acetate
Concen: 172.208 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



Tgt Ion: 43 Resp: 592700
Ion Ratio Lower Upper
43 100
74 20.7 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 171.369 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 73 Resp: 158288

Ion Ratio Lower Upper

73 100

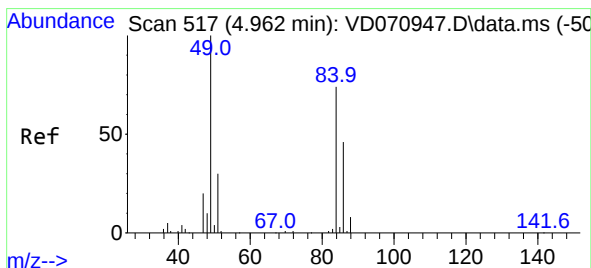
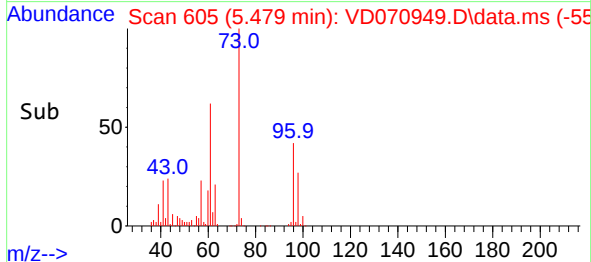
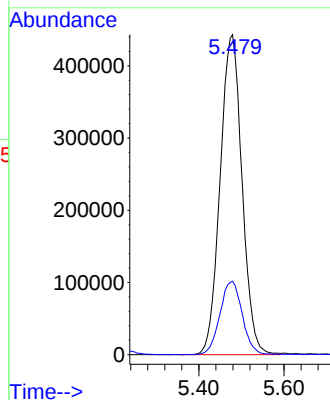
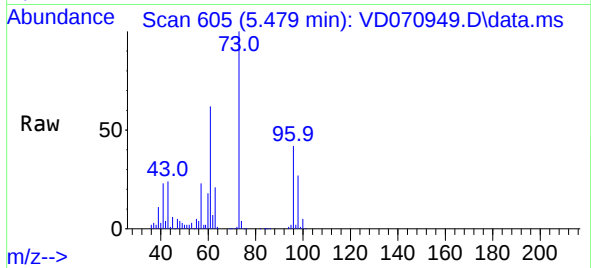
57 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#20

Methylene Chloride

Concen: 137.234 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

Tgt Ion: 84 Resp: 687926

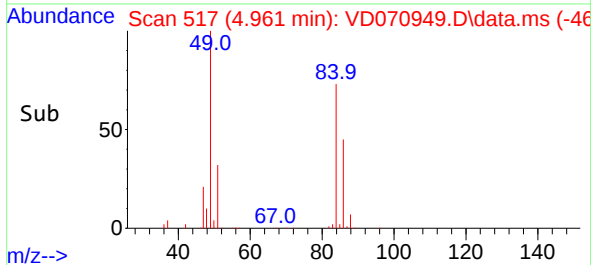
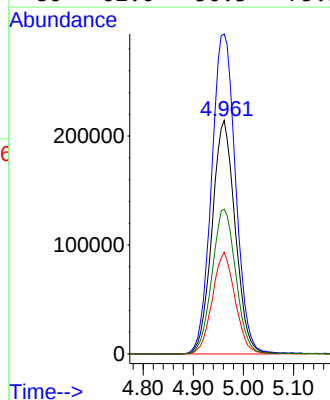
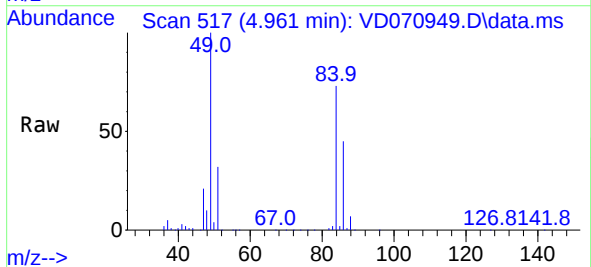
Ion Ratio Lower Upper

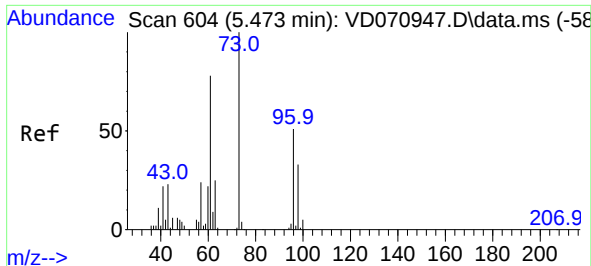
84 100

49 137.1 95.8 143.6

51 43.6 30.9 46.3

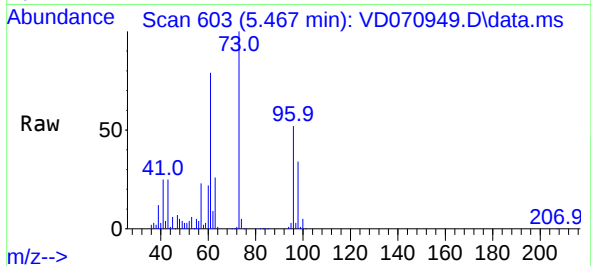
86 62.0 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 162.459 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

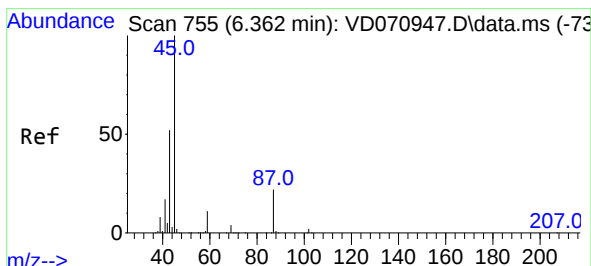
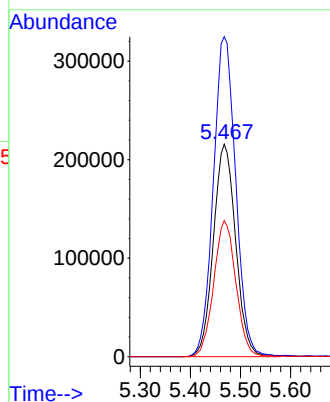
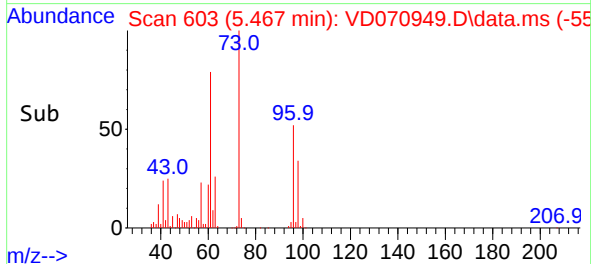
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



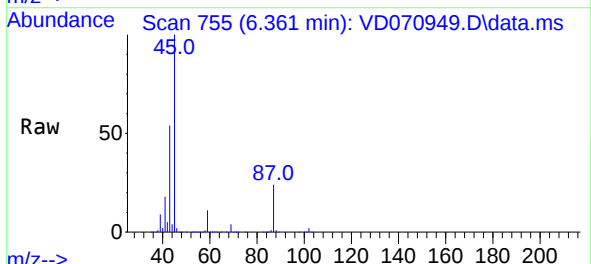
Tgt Ion: 96 Resp: 66625
Ion Ratio Lower Upper
96 100
61 150.5 102.1 153.1
98 64.0 50.1 75.1

Manual Integrations
APPROVED

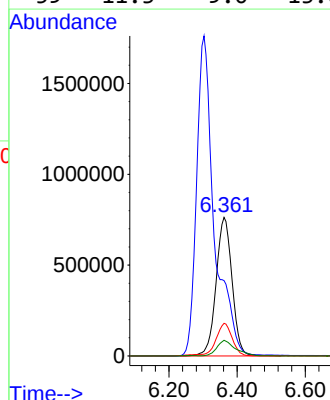
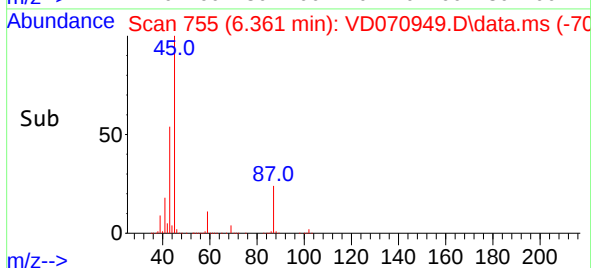
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

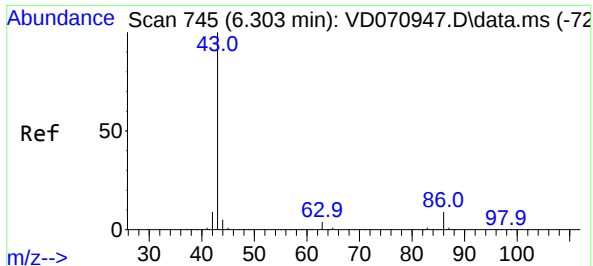


#22
Diisopropyl ether
Concen: 167.787 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



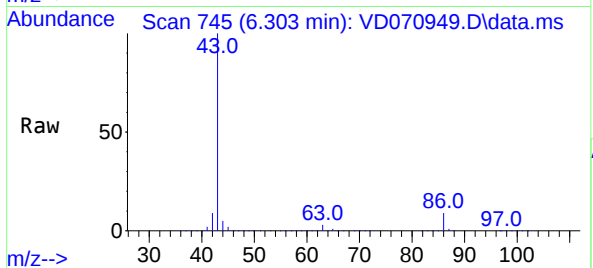
Tgt Ion: 45 Resp: 2485953
Ion Ratio Lower Upper
45 100
43 54.1 39.6 59.4
87 23.5 21.2 31.8
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 891.777 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070949.D
 Acq: 09 Nov 2021 12:23

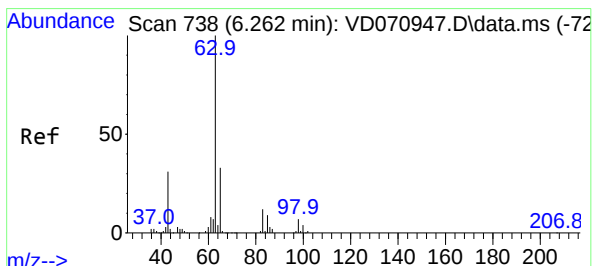
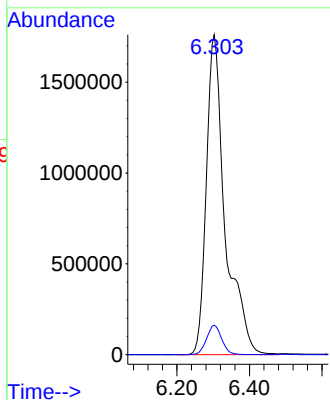
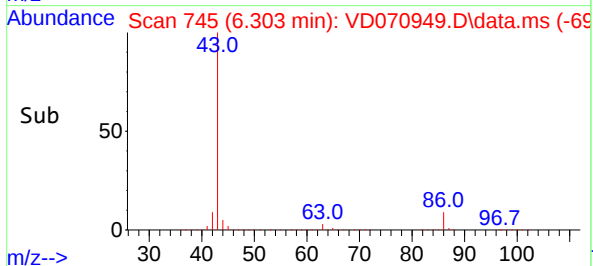
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150



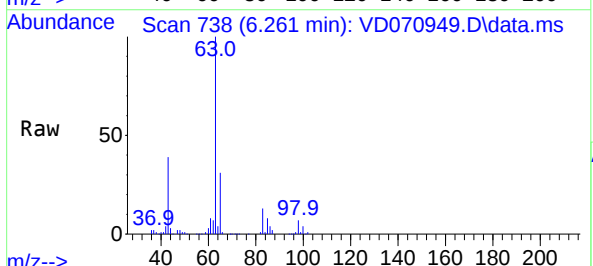
Tgt Ion: 43 Resp: 634453
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.4

Manual Integrations
 APPROVED

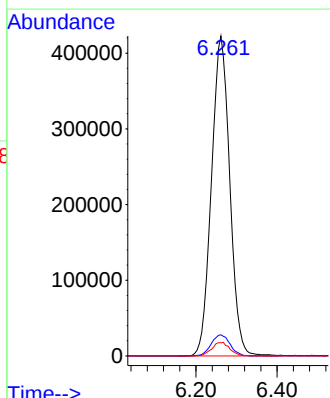
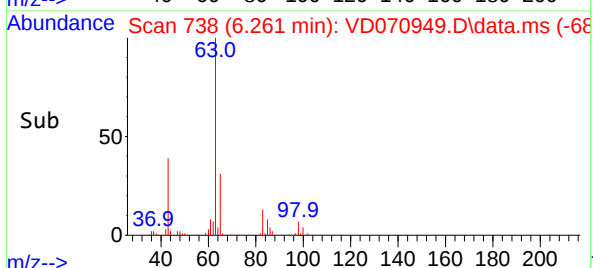
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

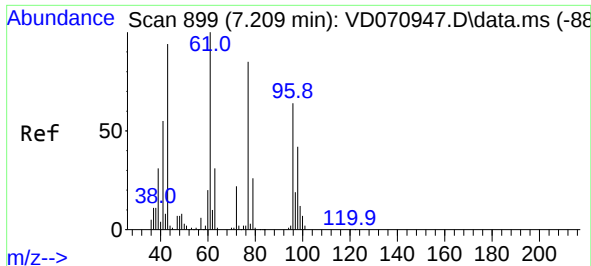


#24
 1,1-Dichloroethane
 Concen: 166.974 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070949.D
 Acq: 09 Nov 2021 12:23



Tgt Ion: 63 Resp: 1321353
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.1 2.1 6.3





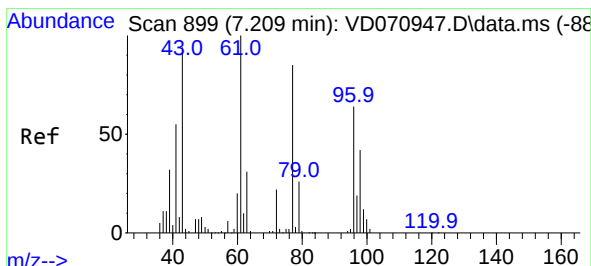
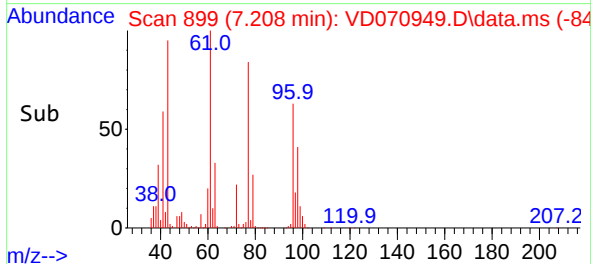
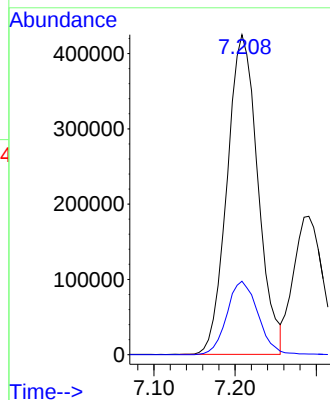
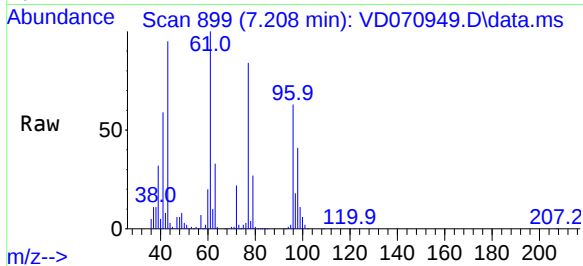
#25
2-Butanone
Concen: 878.928 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1119370
Ion Ratio Lower Upper
43 100
72 23.0 23.8 35.6

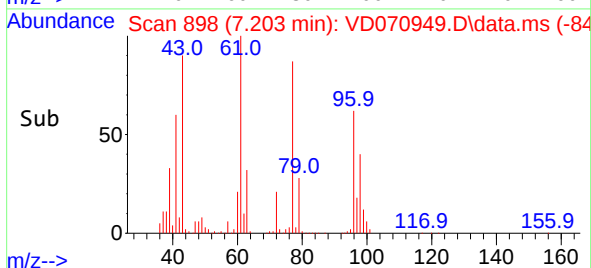
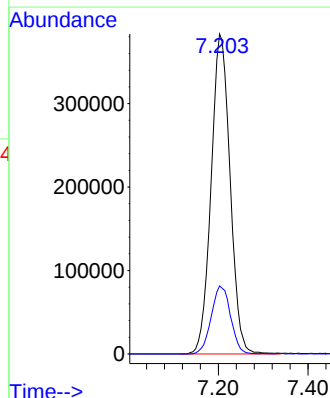
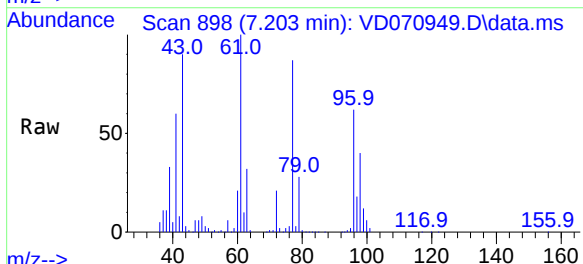
Manual Integrations
APPROVED

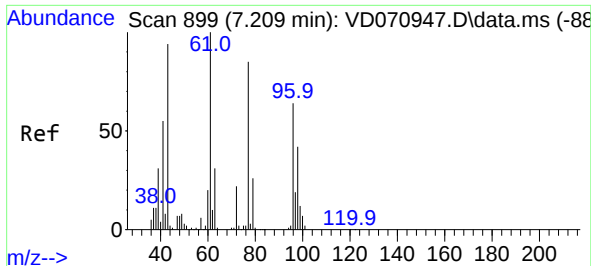
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#26
2,2-Dichloropropane
Concen: 168.336 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion: 77 Resp: 1124280
Ion Ratio Lower Upper
77 100
97 21.7 11.9 35.5





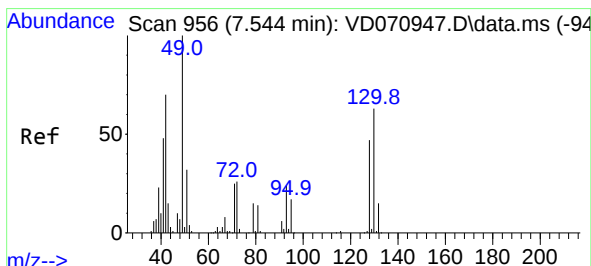
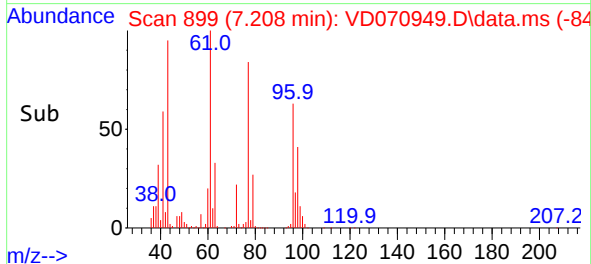
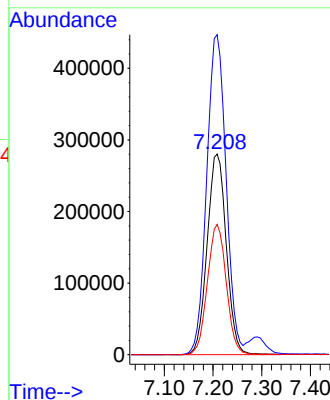
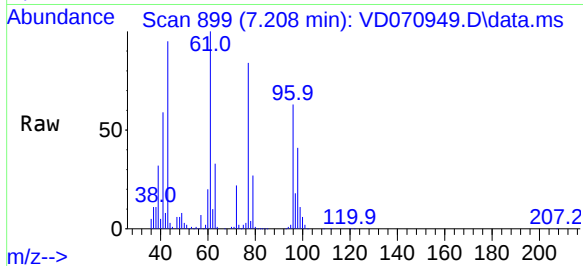
#27
cis-1,2-Dichloroethene
Concen: 163.691 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 767379
Ion Ratio Lower Upper
96 100
61 160.2 0.0 288.6
98 64.0 0.0 129.2

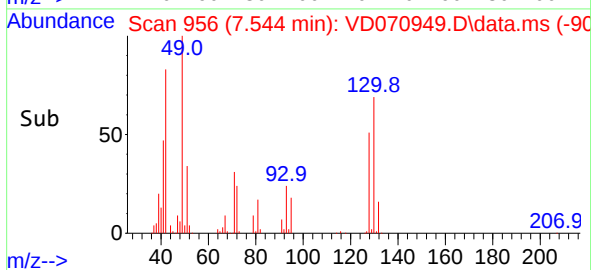
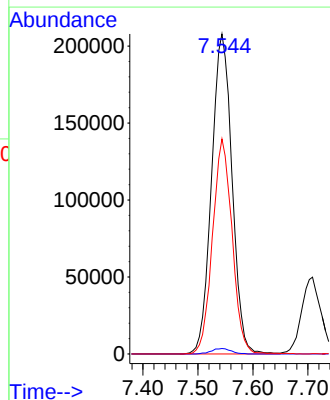
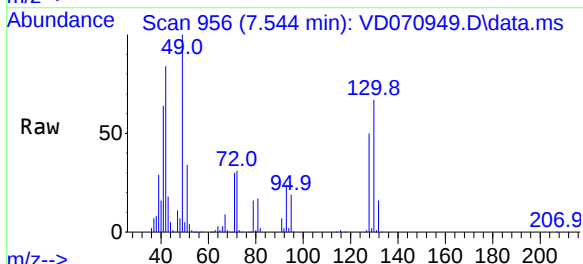
Manual Integrations
APPROVED

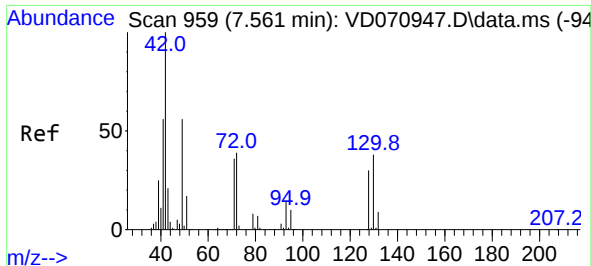
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#28
Bromochloromethane
Concen: 160.129 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion: 49 Resp: 537472
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 64.3 60.2 90.2





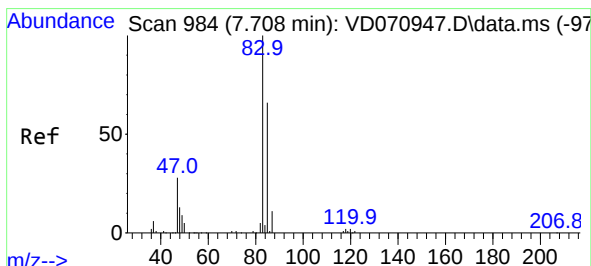
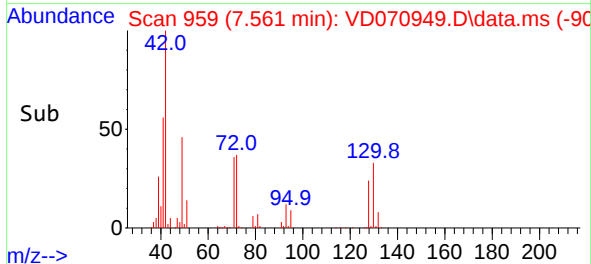
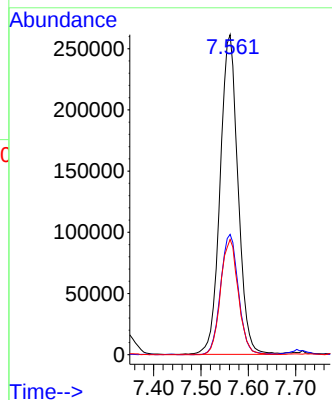
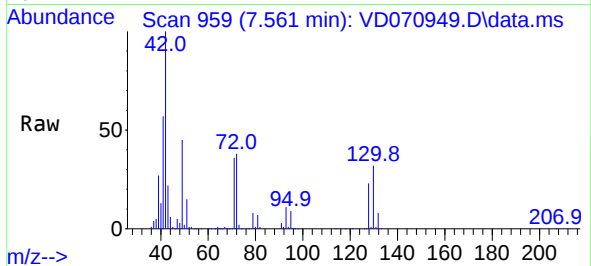
#29
Tetrahydrofuran
Concen: 841.966 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 686300
Ion Ratio Lower Upper
42 100
72 37.6 33.7 50.5
71 35.8 32.7 49.1

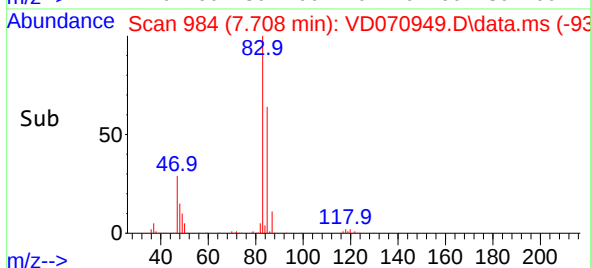
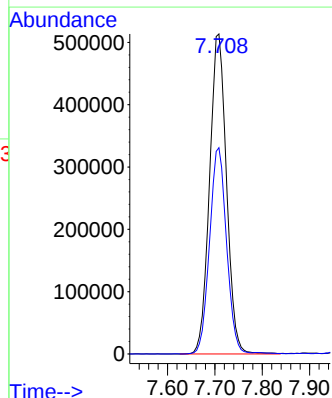
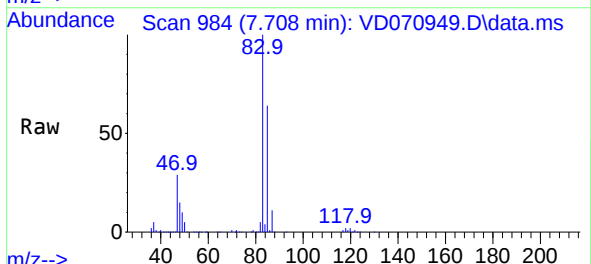
Manual Integrations
APPROVED

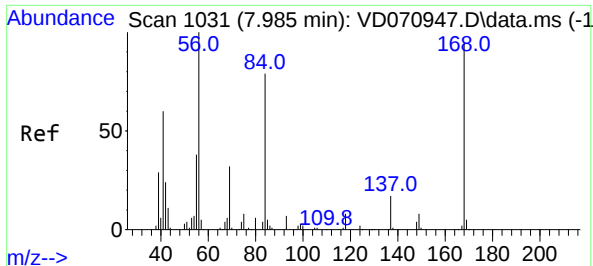
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#30
Chloroform
Concen: 169.684 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion: 83 Resp: 1276674
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6





#31

Cyclohexane

Concen: 151.807 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 1252430

Ion Ratio Lower Upper

56 100

69 29.1 25.9 38.9

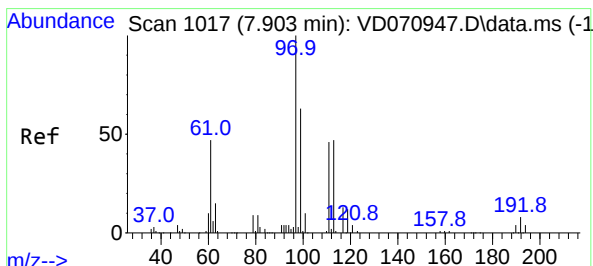
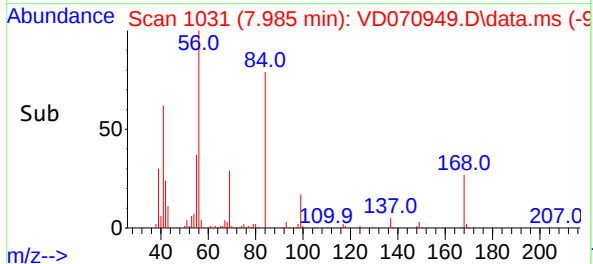
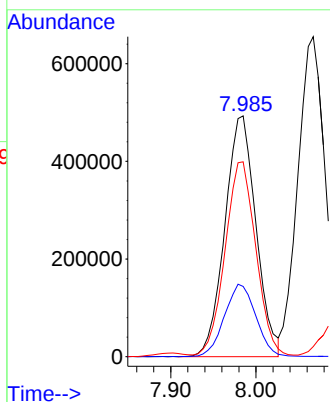
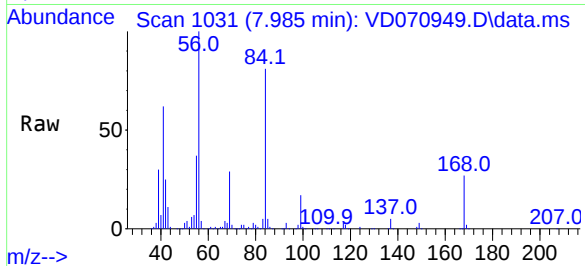
84 79.6 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#32

1,1,1-Trichloroethane

Concen: 170.608 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

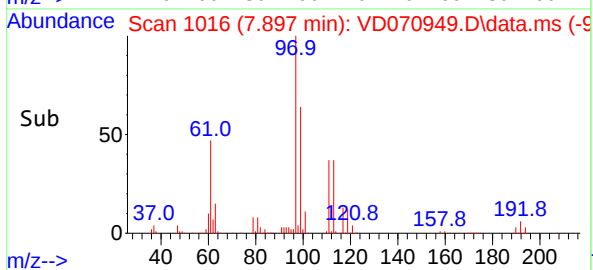
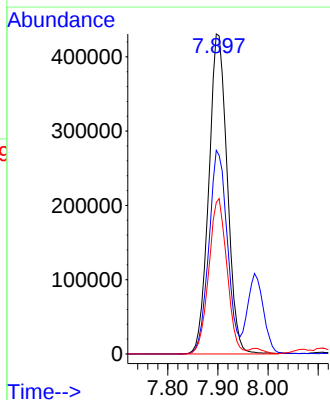
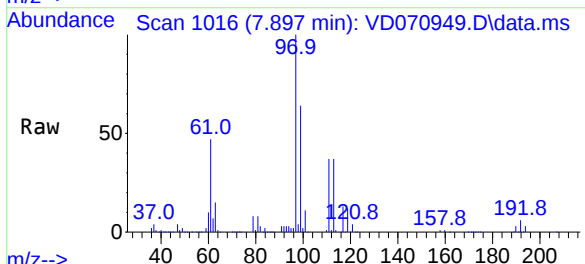
Tgt Ion: 97 Resp: 1102454

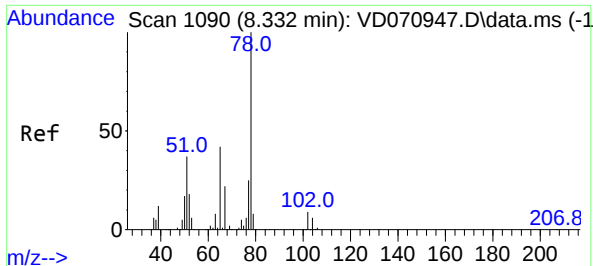
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 47.8 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 161.218 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 646770

Ion Ratio Lower Upper

65 100

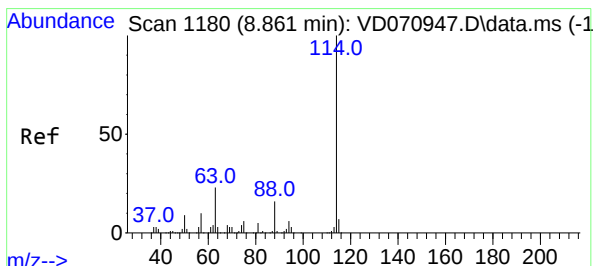
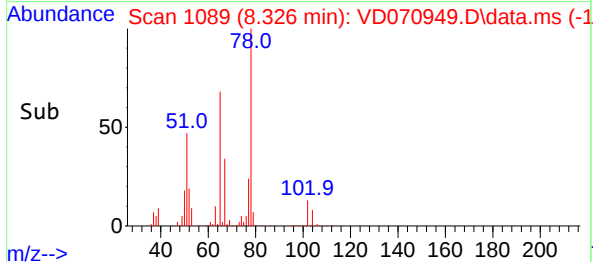
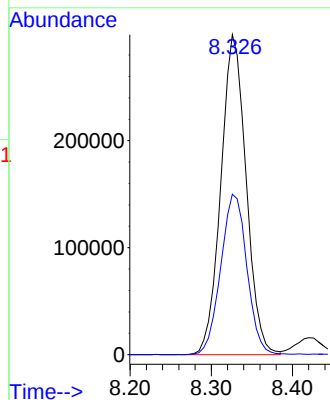
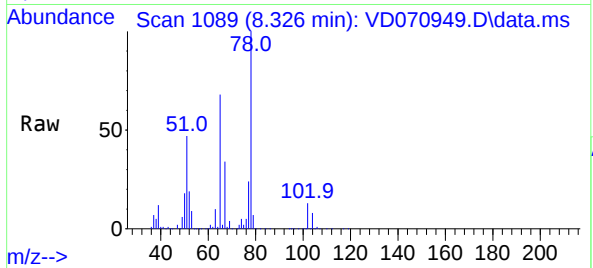
67 52.0 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

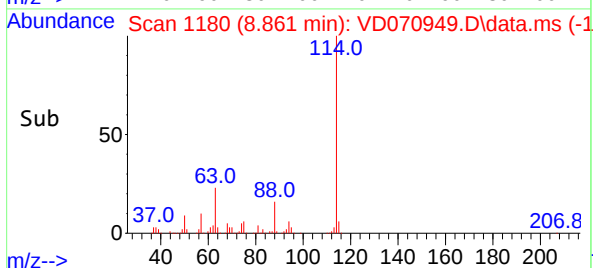
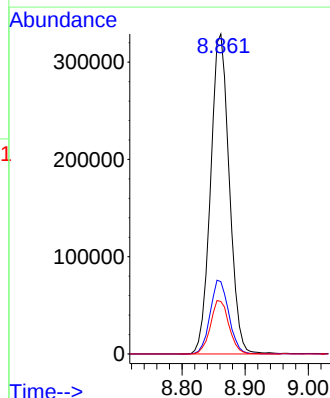
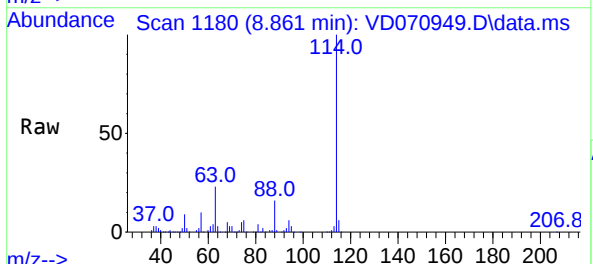
Tgt Ion:114 Resp: 676171

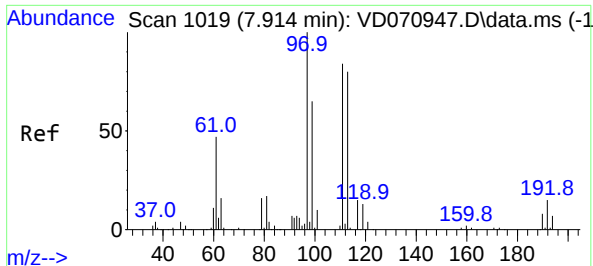
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

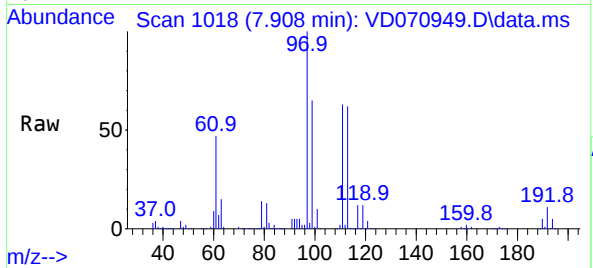
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 150.843 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

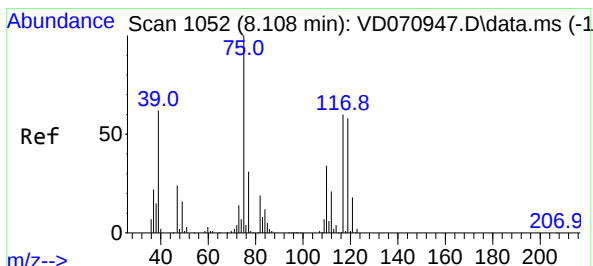
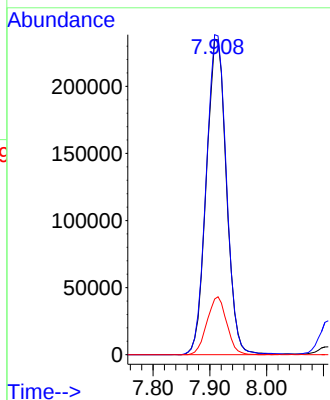
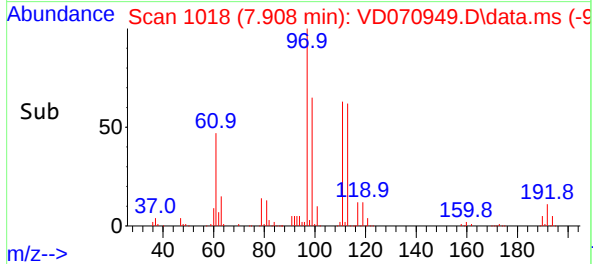
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



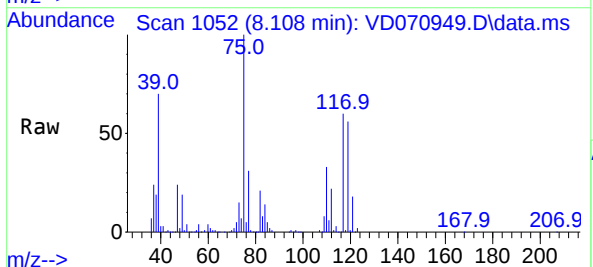
Tgt Ion:113 Resp: 57554
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 18.0 15.2 22.8

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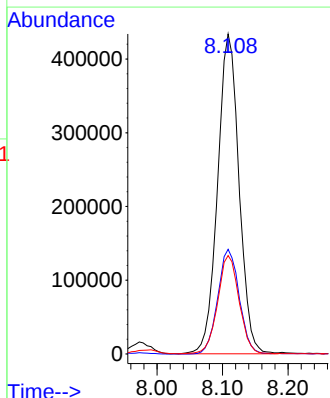
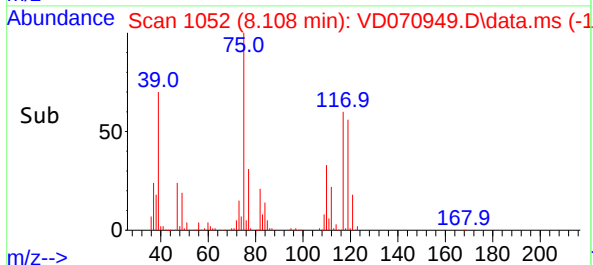
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

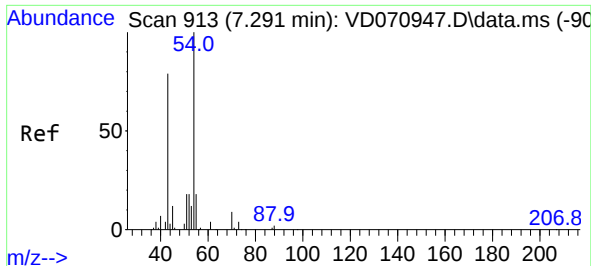


#36
1,1-Dichloropropene
Concen: 162.615 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



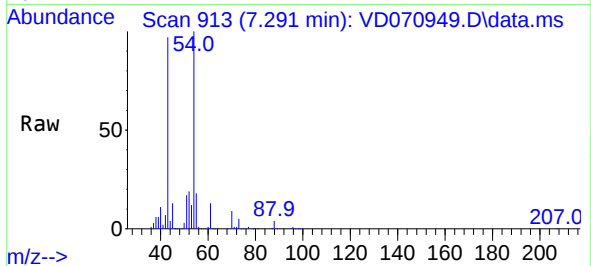
Tgt Ion: 75 Resp: 981732
Ion Ratio Lower Upper
75 100
110 32.9 17.8 53.4
77 31.0 24.8 37.2





#37
Ethyl Acetate
Concen: 174.545 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

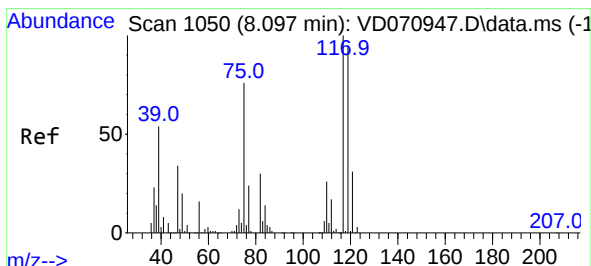
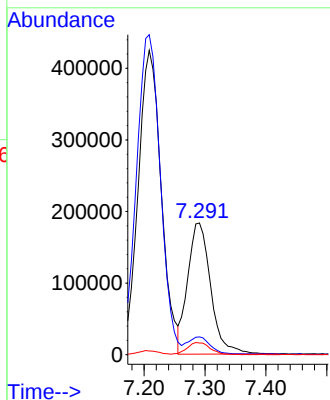
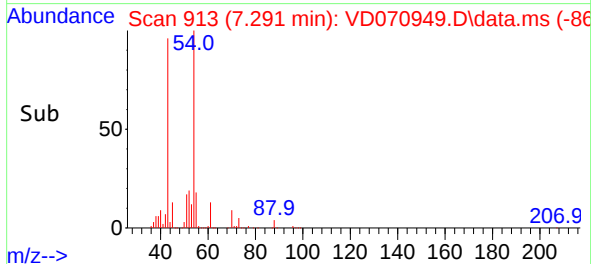
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 480762
Ion Ratio Lower Upper
43 100
61 13.0 13.0 19.6
70 9.3 8.7 13.1

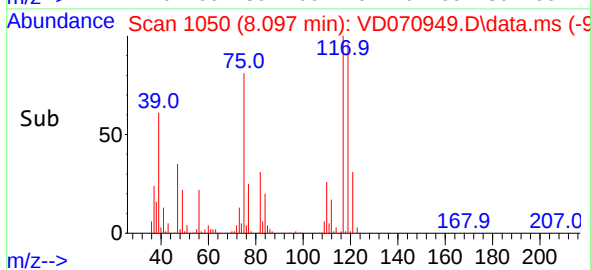
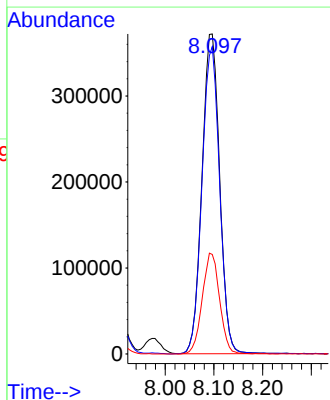
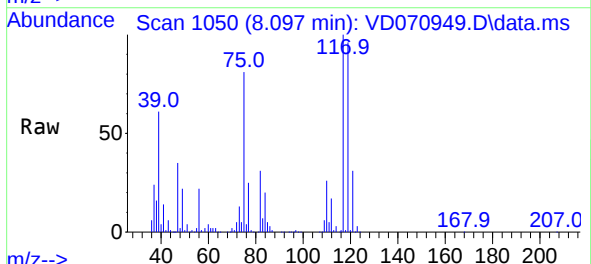
Manual Integrations
APPROVED

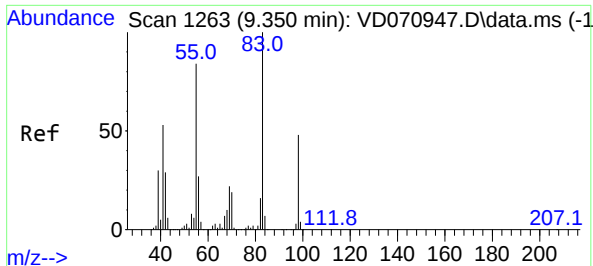
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 168.226 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Tgt Ion:117 Resp: 935278
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 31.1 23.6 35.4





#39

Methylcyclohexane

Concen: 159.272 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070949.D

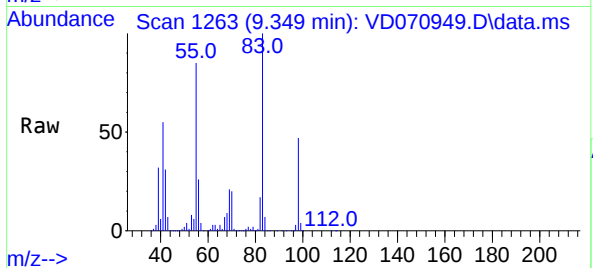
Acq: 09 Nov 2021 12:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150



Tgt Ion: 83 Resp: 1241854

Ion Ratio Lower Upper

83 100

55 85.5 65.8 98.8

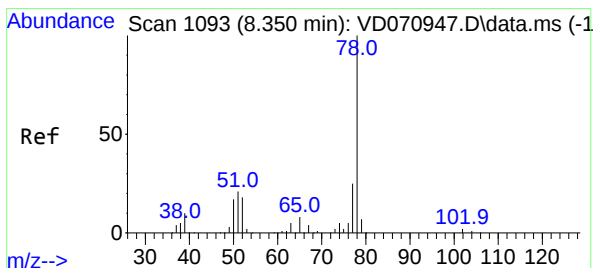
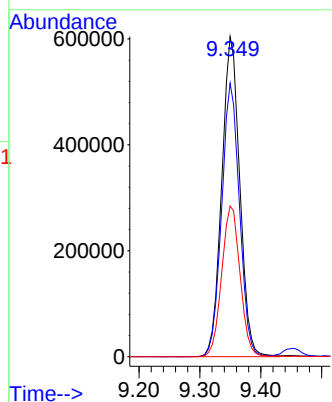
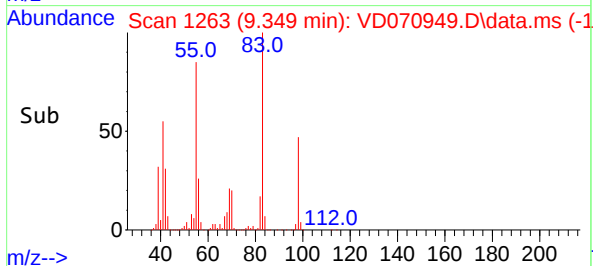
98 47.1 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 161.182 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD070949.D

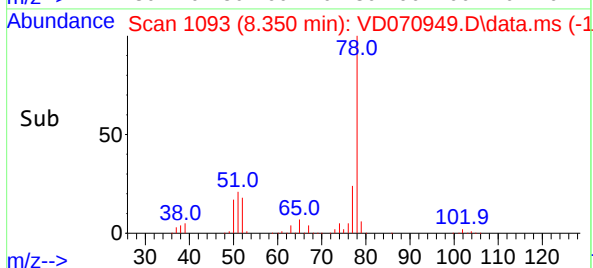
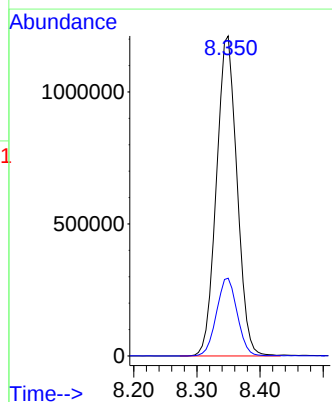
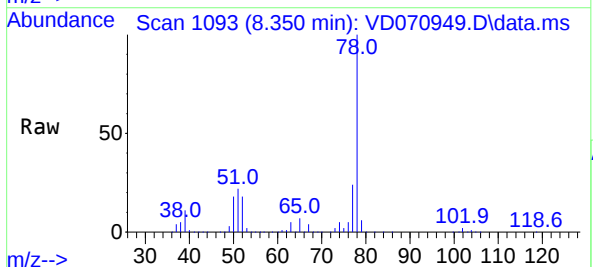
Acq: 09 Nov 2021 12:23

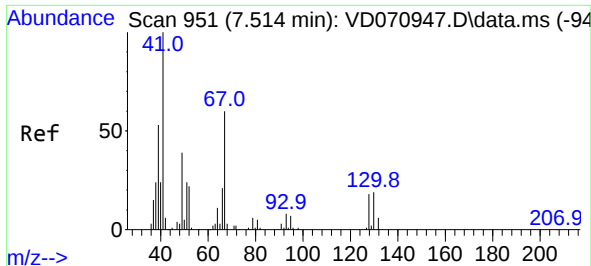
Tgt Ion: 78 Resp: 2740420

Ion Ratio Lower Upper

78 100

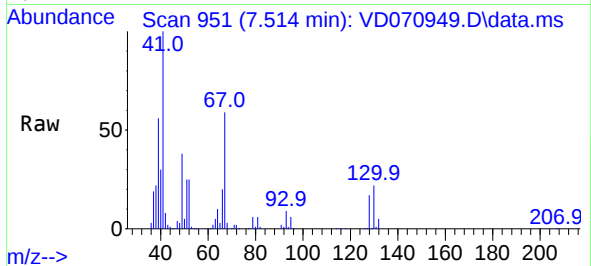
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 210.370 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

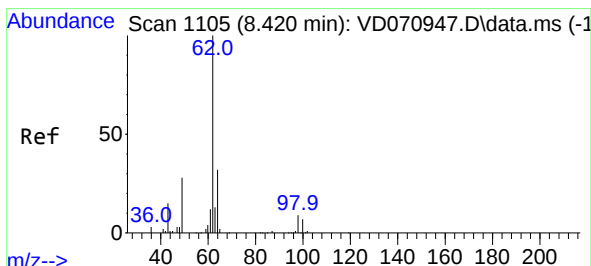
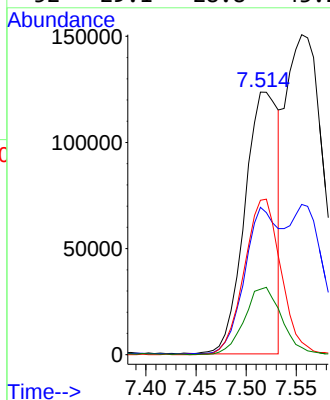
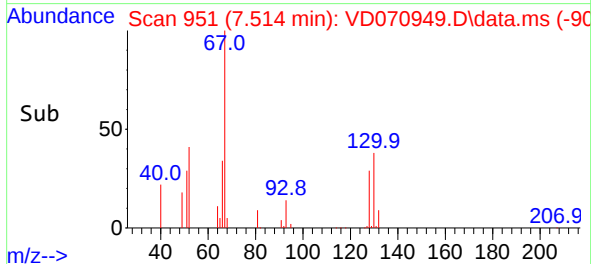
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



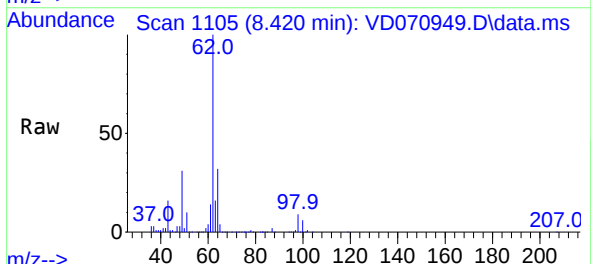
Tgt Ion: 41 Resp: 286072
Ion Ratio Lower Upper
41 100
39 54.6 60.2 90.4
67 65.4 74.8 112.2
52 29.1 28.8 43.2

Manual Integrations
APPROVED

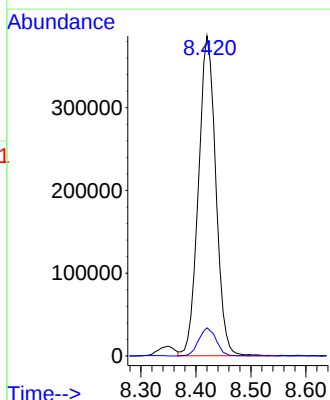
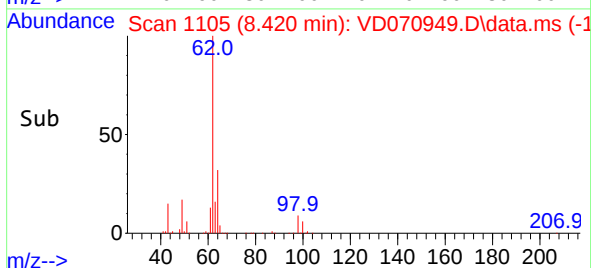
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

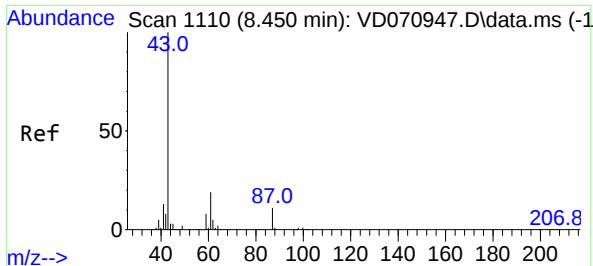


#42
1,2-Dichloroethane
Concen: 175.710 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



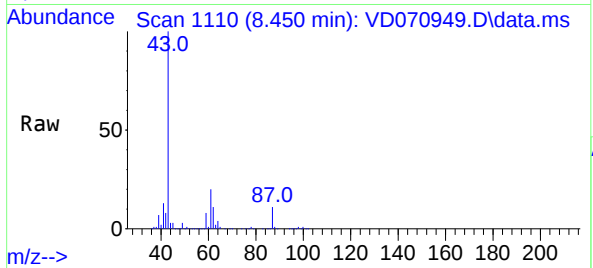
Tgt Ion: 62 Resp: 846165
Ion Ratio Lower Upper
62 100
98 8.9 0.0 21.8





#43
Isopropyl Acetate
Concen: 170.353 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

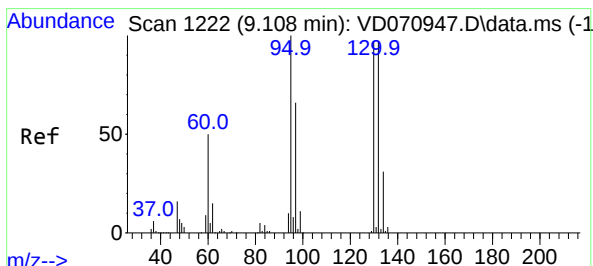
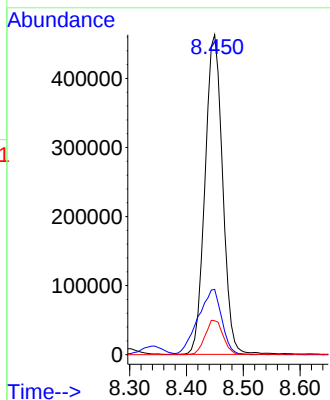
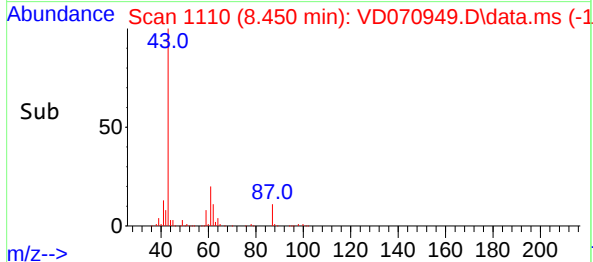
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 993022
Ion Ratio Lower Upper
43 100
61 27.5 28.2 42.4
87 11.0 10.7 16.1

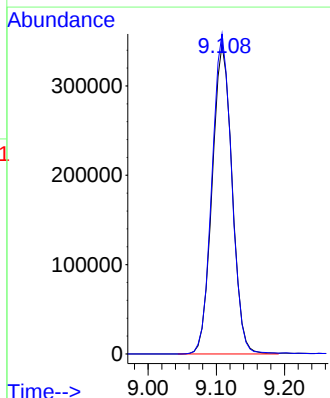
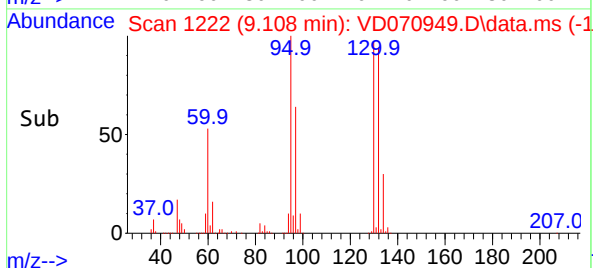
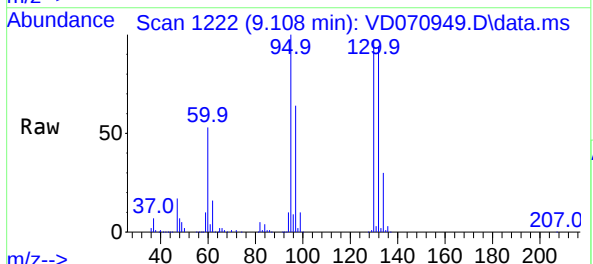
Manual Integrations
APPROVED

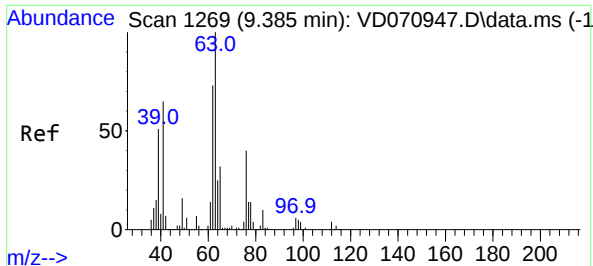
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#44
Trichloroethene
Concen: 160.791 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

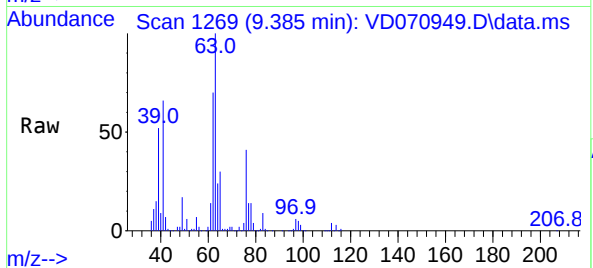
Tgt Ion:130 Resp: 704644
Ion Ratio Lower Upper
130 100
95 103.4 0.0 193.2





#45
1,2-Dichloropropane
Concen: 164.996 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

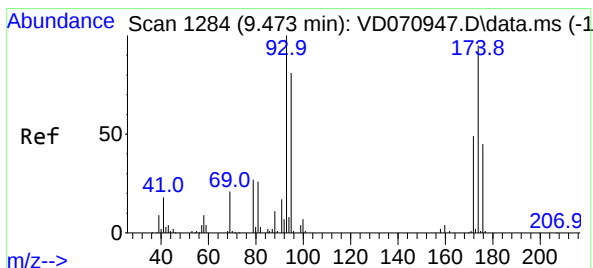
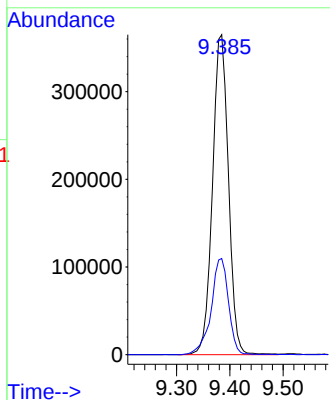
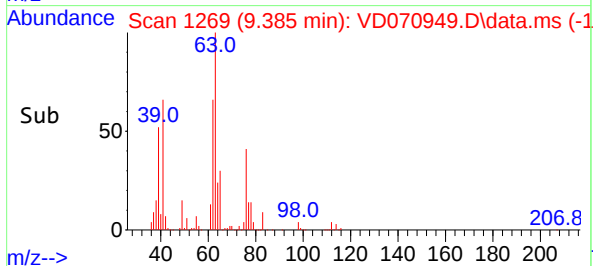
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



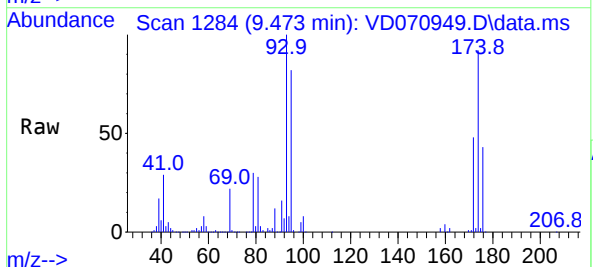
Tgt Ion: 63 Resp: 758658
Ion Ratio Lower Upper
63 100
65 30.1 24.2 36.2

Manual Integrations
APPROVED

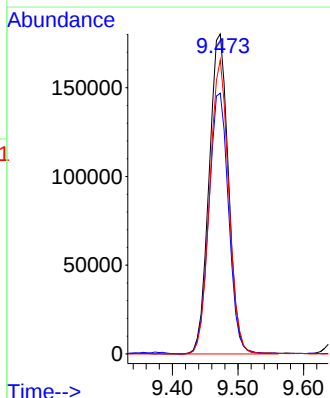
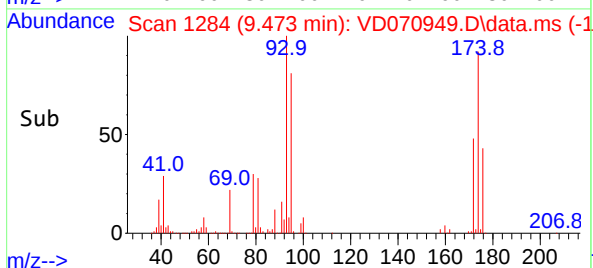
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

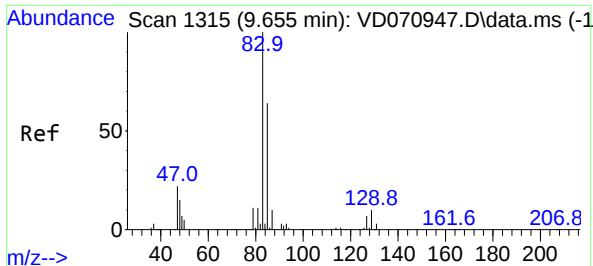


#46
Dibromomethane
Concen: 169.273 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



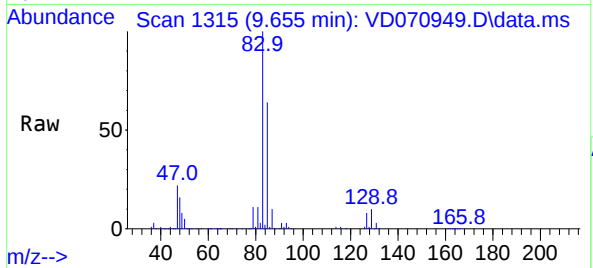
Tgt Ion: 93 Resp: 370467
Ion Ratio Lower Upper
93 100
95 82.9 66.1 99.1
174 90.0 78.6 117.8





#47
Bromodichloromethane
Concen: 170.754 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

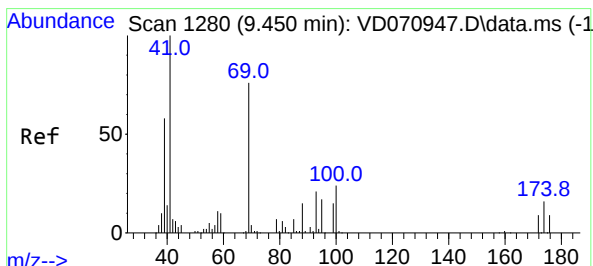
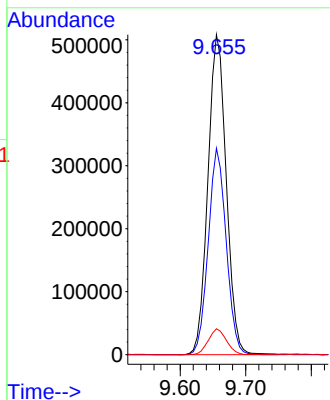
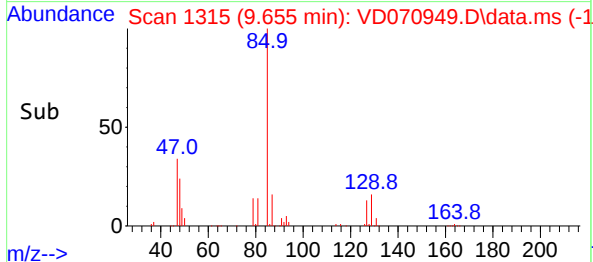
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



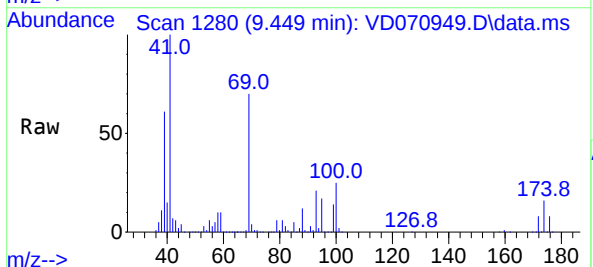
Tgt Ion: 83 Resp: 988464
Ion Ratio Lower Upper
83 100
85 64.5 50.0 75.0
127 8.1 7.3 10.9

Manual Integrations
APPROVED

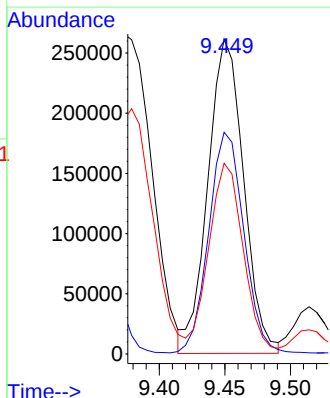
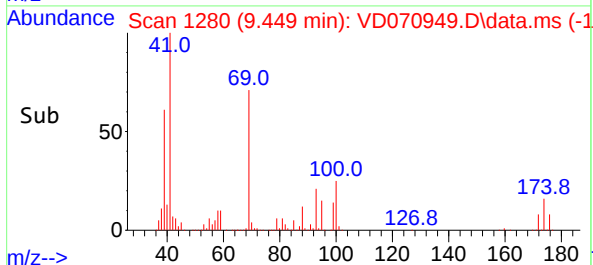
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

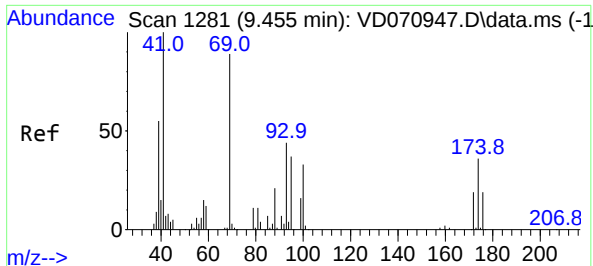


#48
Methyl methacrylate
Concen: 173.348 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



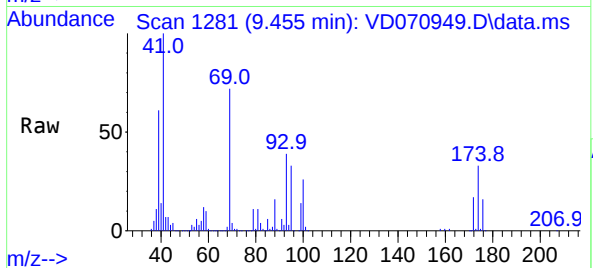
Tgt Ion: 41 Resp: 495708
Ion Ratio Lower Upper
41 100
69 70.1 69.8 104.6
39 54.8 35.6 53.4





#49
1,4-Dioxane
Concen: 3392.573 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

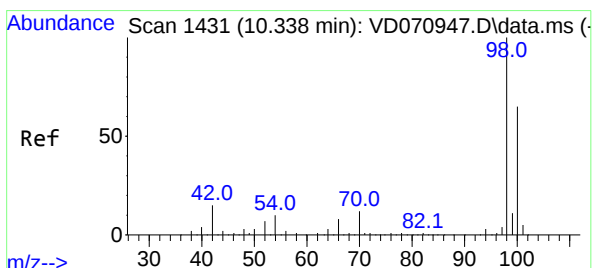
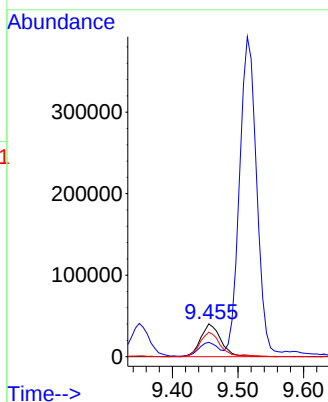
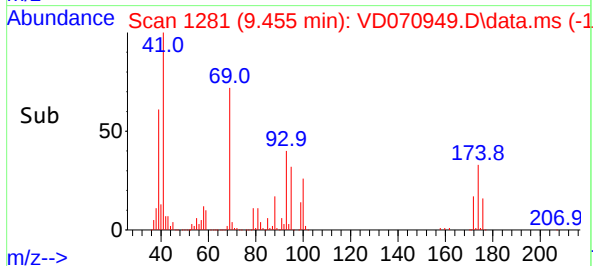
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



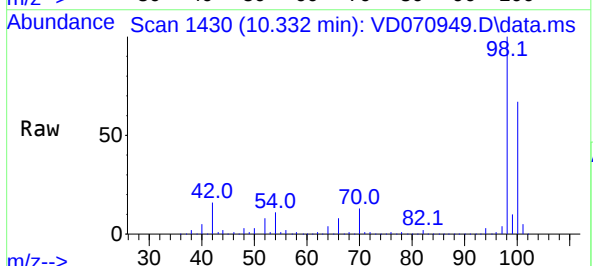
Tgt Ion: 88 Resp: 86028
Ion Ratio Lower Upper
88 100
43 40.6 28.9 43.3
58 73.7 56.3 84.5

Manual Integrations
APPROVED

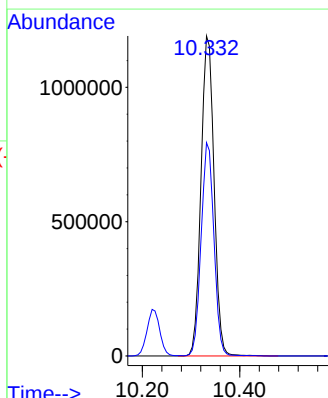
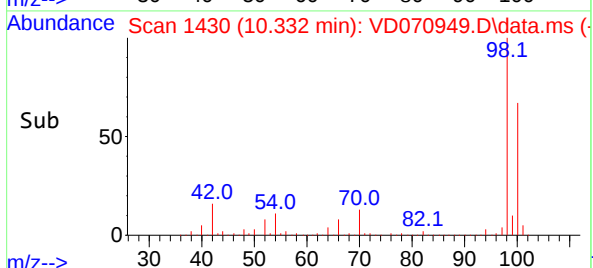
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

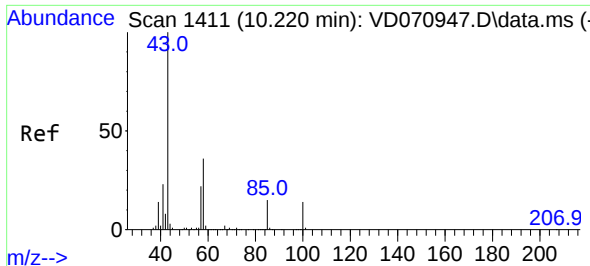


#50
Toluene-d8
Concen: 147.758 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



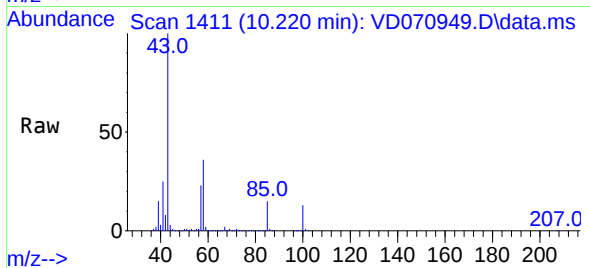
Tgt Ion: 98 Resp: 2207861
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 849.700 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

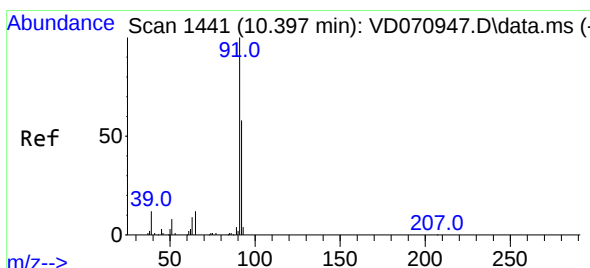
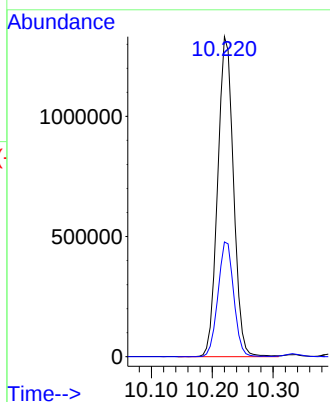
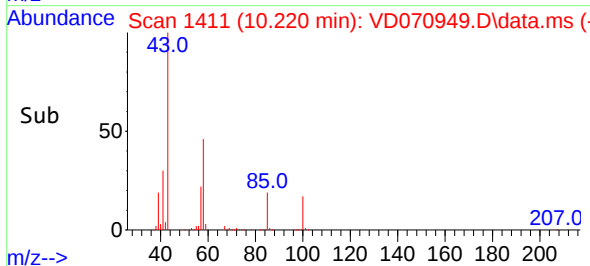
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 240133
Ion Ratio Lower Upper
43 100
58 35.8 33.1 49.7

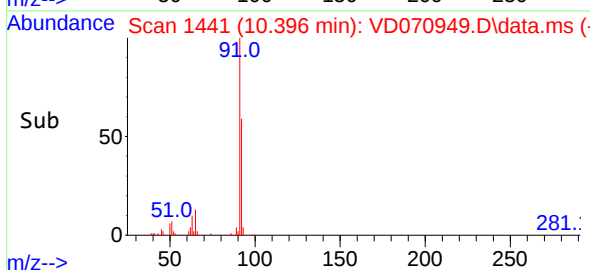
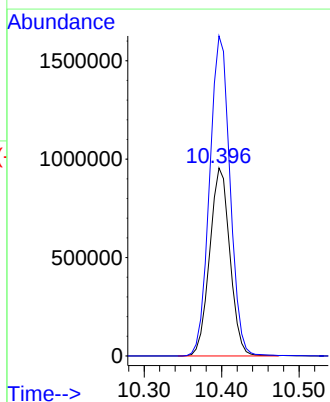
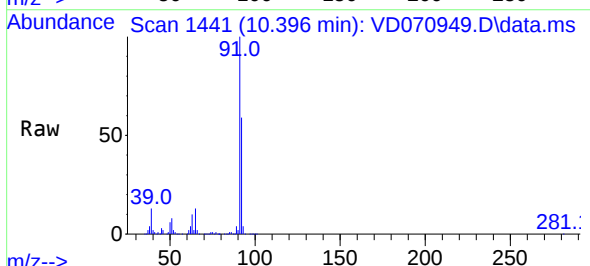
Manual Integrations
APPROVED

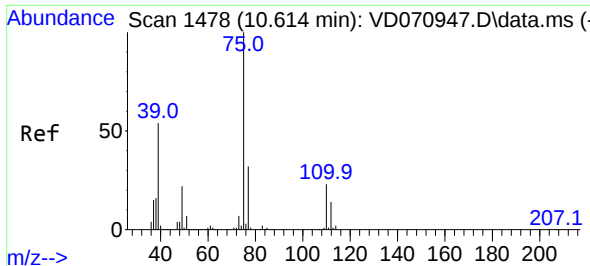
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#52
Toluene
Concen: 161.384 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

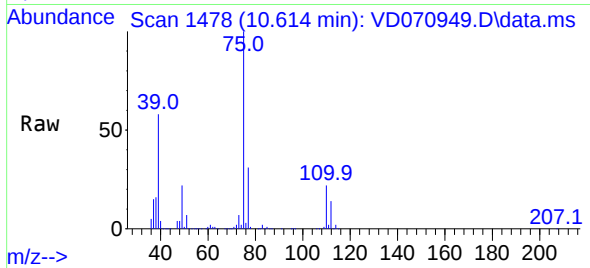
Tgt Ion: 92 Resp: 1729622
Ion Ratio Lower Upper
92 100
91 172.2 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 169.728 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

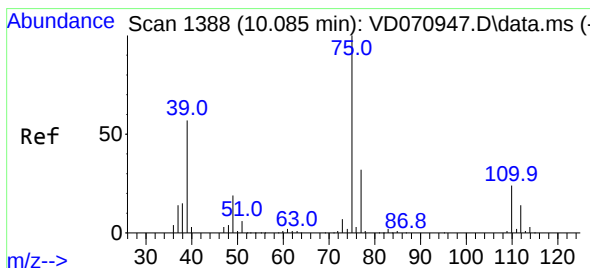
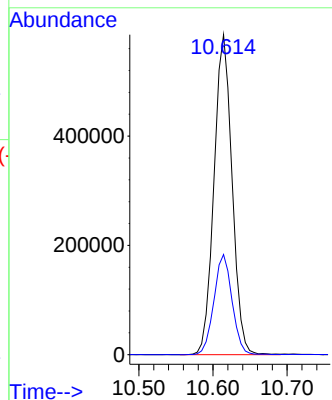
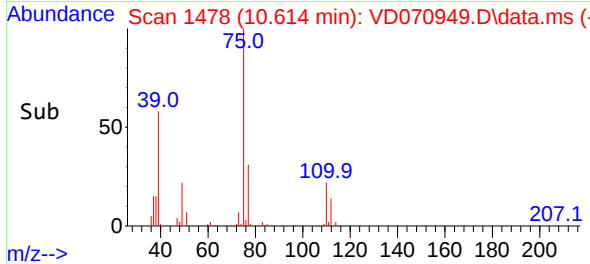
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



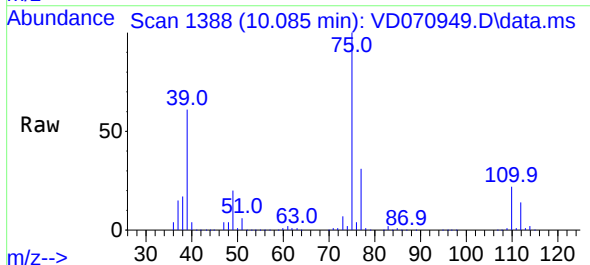
Tgt Ion: 75 Resp: 990798
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7

Manual Integrations
APPROVED

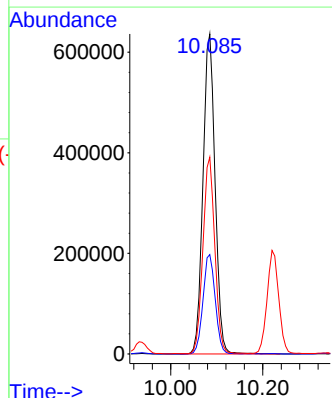
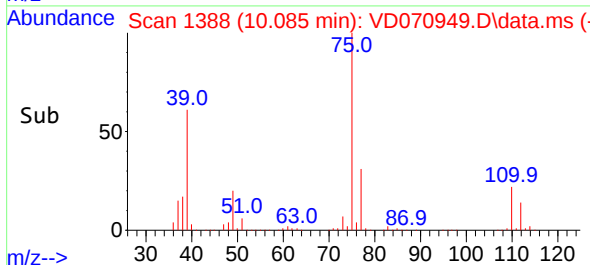
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

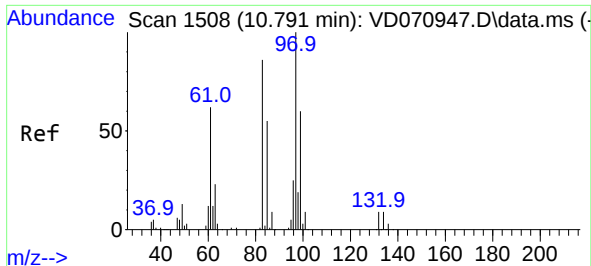


#54
cis-1,3-Dichloropropene
Concen: 169.376 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



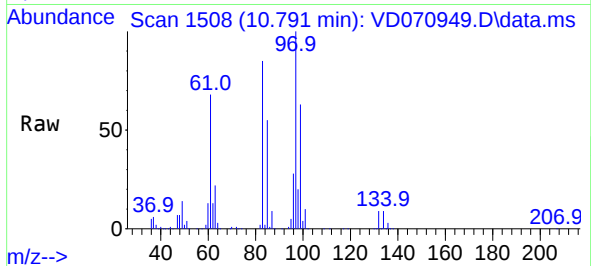
Tgt Ion: 75 Resp: 1165940
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 61.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 165.479 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

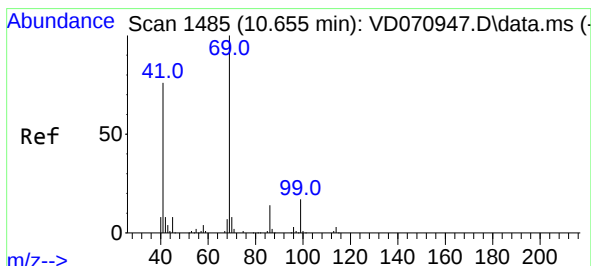
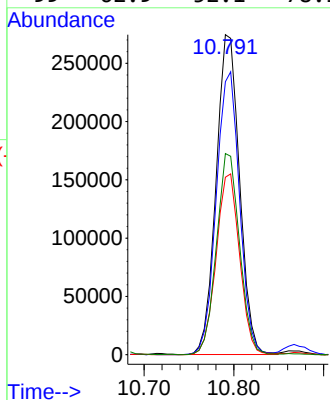
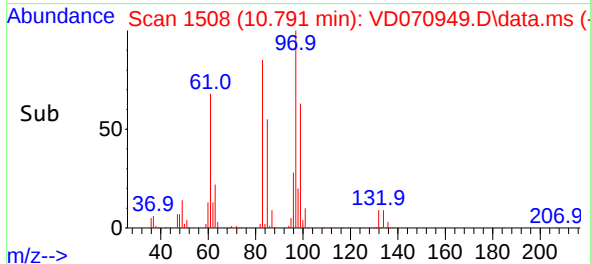
Instrument : MSVOA_D
ClientSampleId : VSTDIC150



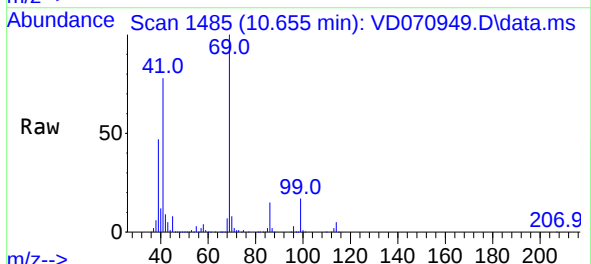
Tgt Ion: 97 Resp: 49775
Ion Ratio Lower Upper
97 100
83 85.3 65.2 97.8
85 55.5 43.4 65.0
99 62.9 52.1 78.1

Manual Integrations
APPROVED

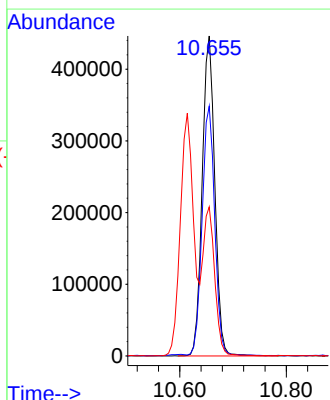
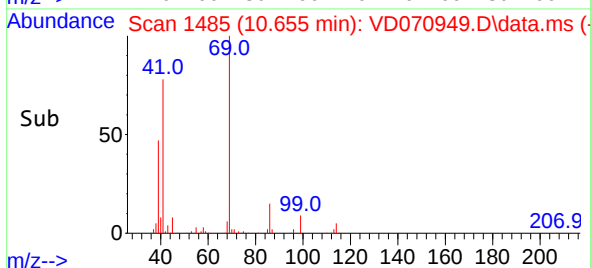
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

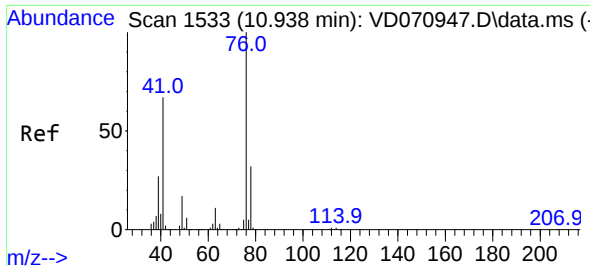


#56
Ethyl methacrylate
Concen: 171.665 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



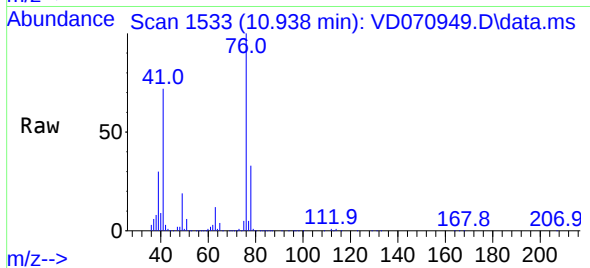
Tgt Ion: 69 Resp: 730599
Ion Ratio Lower Upper
69 100
41 78.7 50.2 75.2#
39 42.5 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 166.791 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

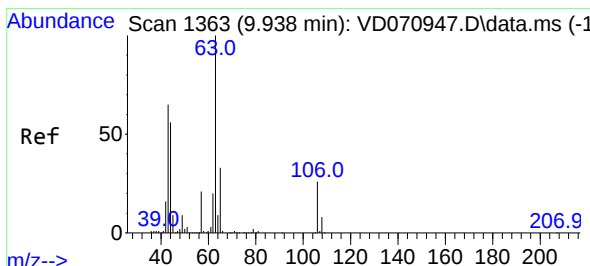
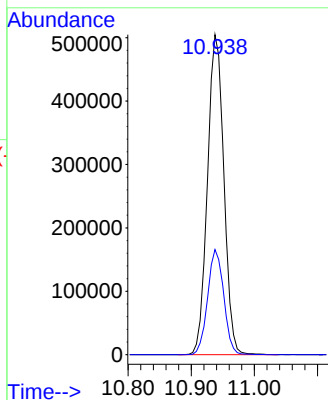
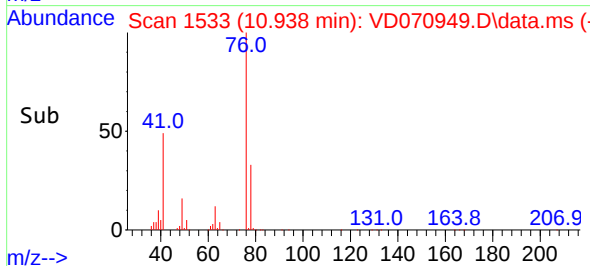
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



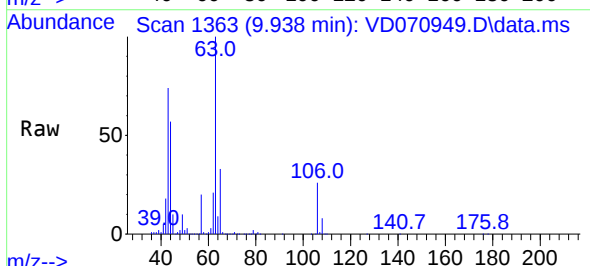
Tgt Ion: 76 Resp: 911083
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

Manual Integrations
APPROVED

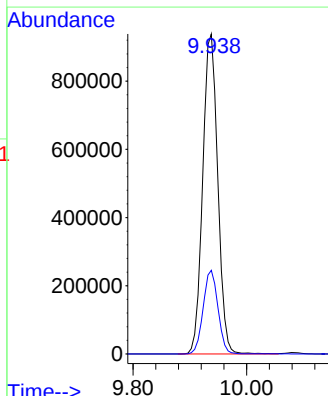
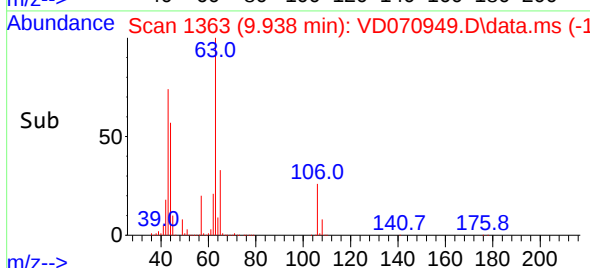
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

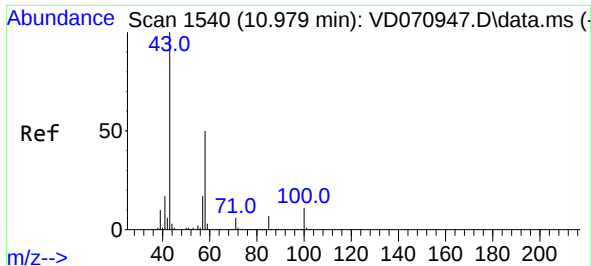


#58
2-Chloroethyl Vinyl ether
Concen: 776.763 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



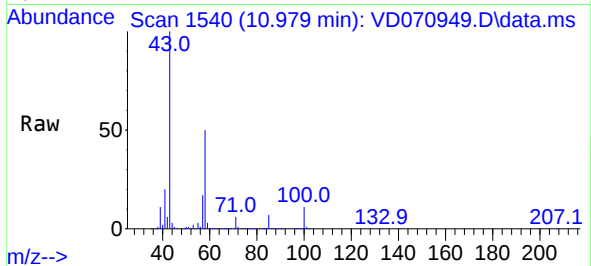
Tgt Ion: 63 Resp: 1718637
Ion Ratio Lower Upper
63 100
106 25.7 21.0 31.4





#59
2-Hexanone
Concen: 838.350 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

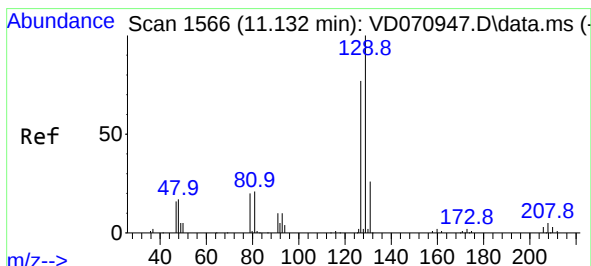
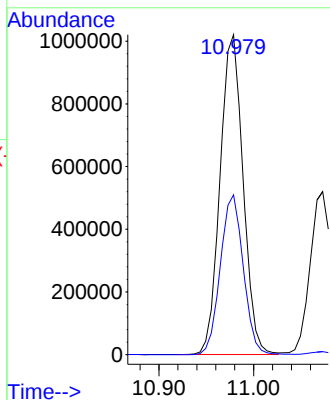
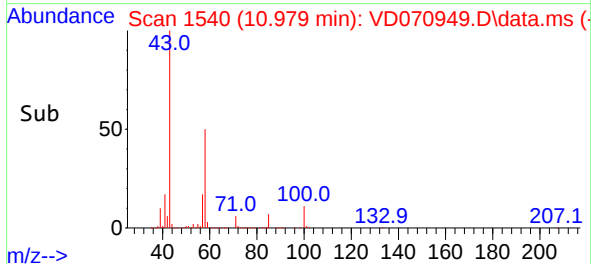
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



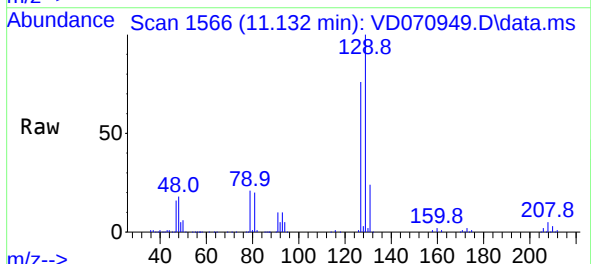
Tgt Ion: 43 Resp: 1725420
Ion Ratio Lower Upper
43 100
58 49.7 28.7 86.1

Manual Integrations
APPROVED

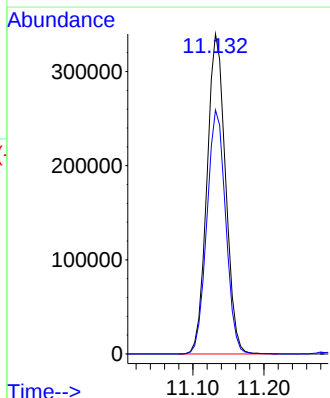
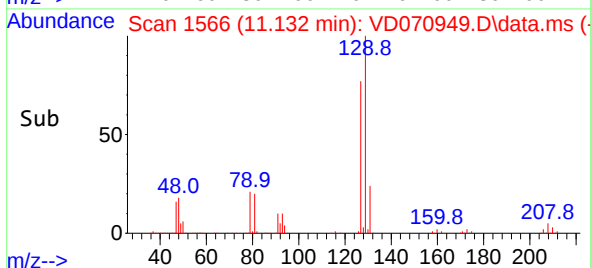
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

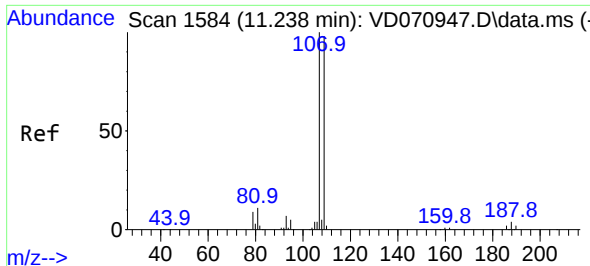


#60
Dibromochloromethane
Concen: 170.722 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



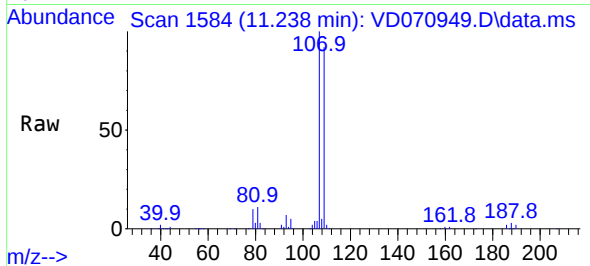
Tgt Ion:129 Resp: 616055
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





#61
1,2-Dibromoethane
Concen: 166.698 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

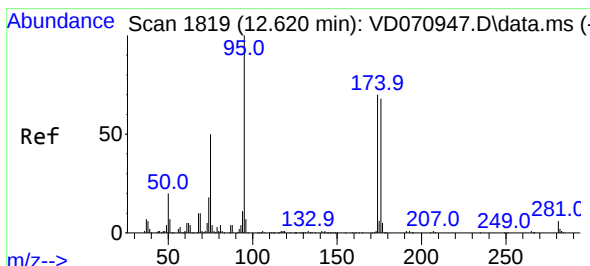
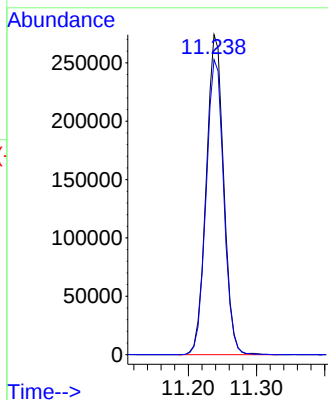
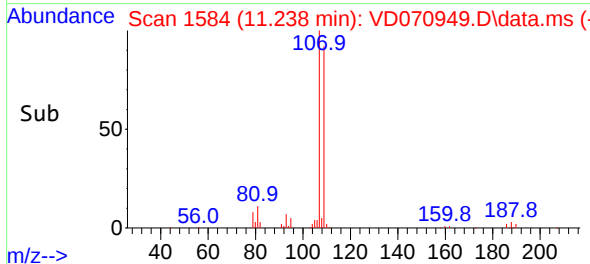
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



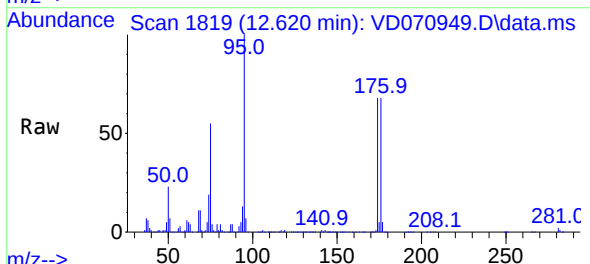
Tgt Ion:107 Resp: 487750
Ion Ratio Lower Upper
107 100
109 93.2 74.6 112.0

Manual Integrations
APPROVED

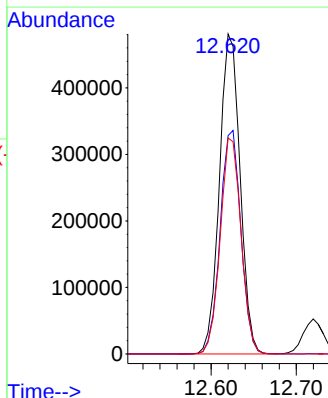
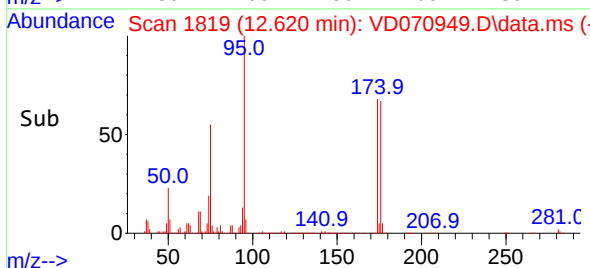
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

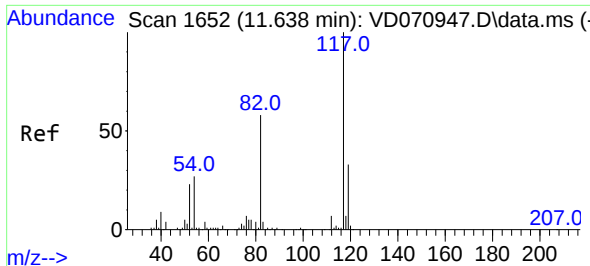


#62
4-Bromofluorobenzene
Concen: 150.363 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



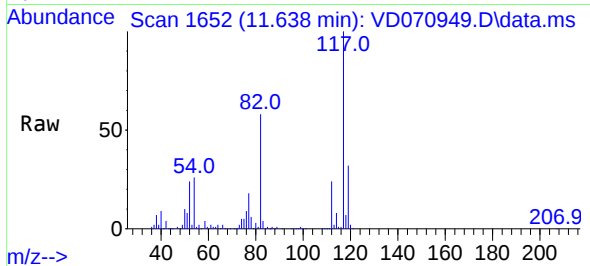
Tgt Ion: 95 Resp: 808980
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.4
176 67.8 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

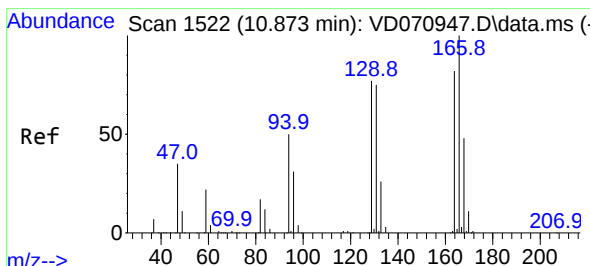
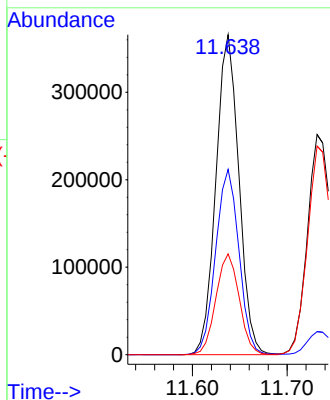
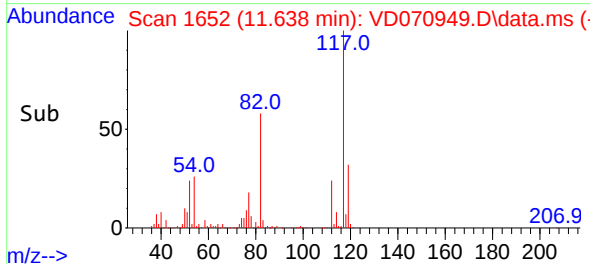
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



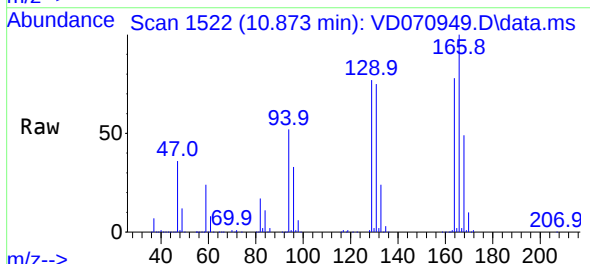
Tgt Ion:117 Resp: 618638
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 31.5 26.2 39.4

Manual Integrations
APPROVED

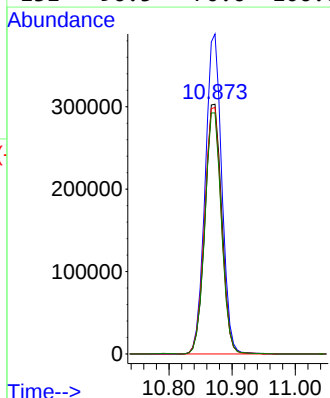
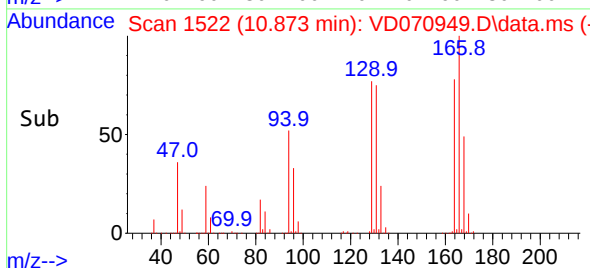
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

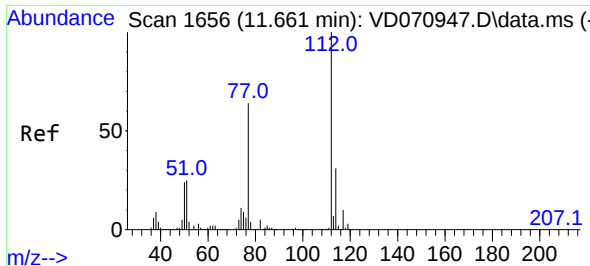


#64
Tetrachloroethene
Concen: 154.807 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



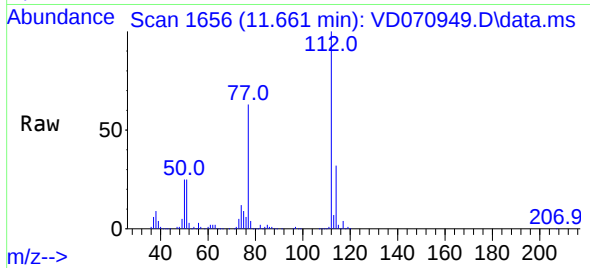
Tgt Ion:164 Resp: 558453
Ion Ratio Lower Upper
164 100
166 128.1 102.6 153.8
129 98.7 75.4 113.0
131 96.5 70.6 106.0





#65
Chlorobenzene
Concen: 162.354 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

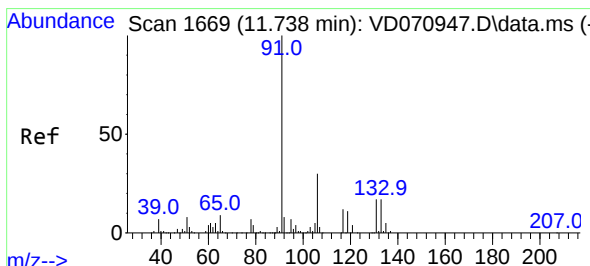
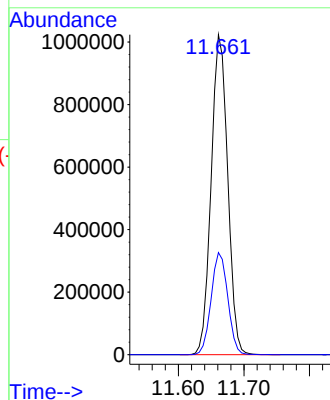
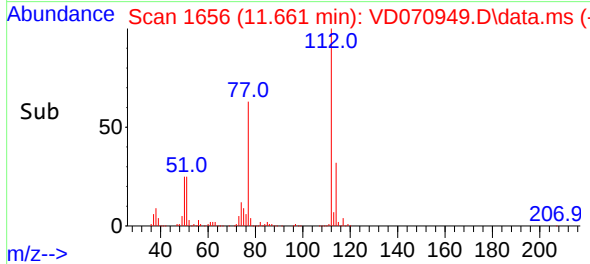
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



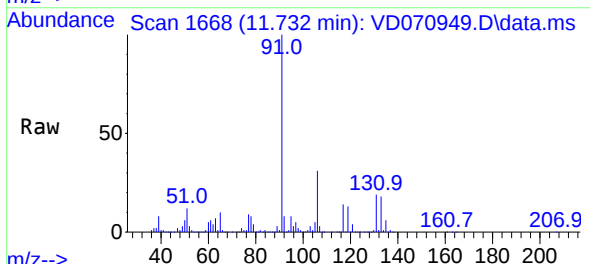
Tgt Ion:112 Resp: 1792044
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

Manual Integrations
APPROVED

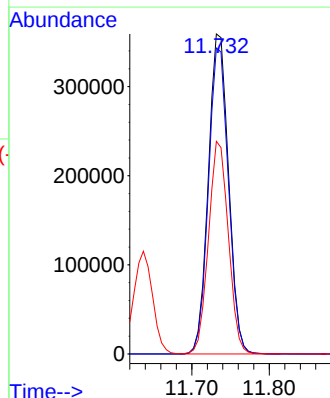
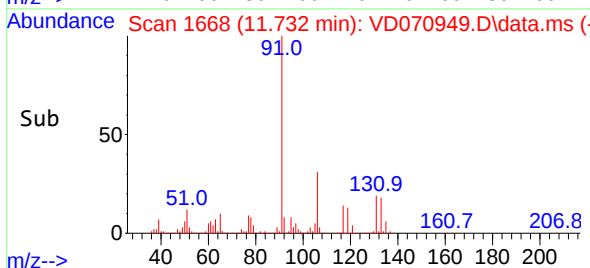
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

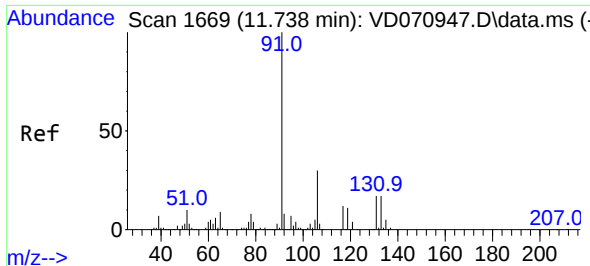


#66
1,1,1,2-Tetrachloroethane
Concen: 166.182 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



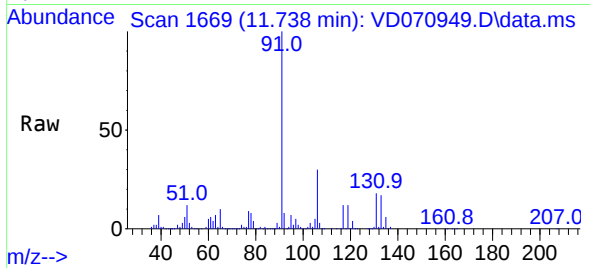
Tgt Ion:131 Resp: 651054
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 65.3 33.5 100.4





#67
Ethyl Benzene
Concen: 160.537 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

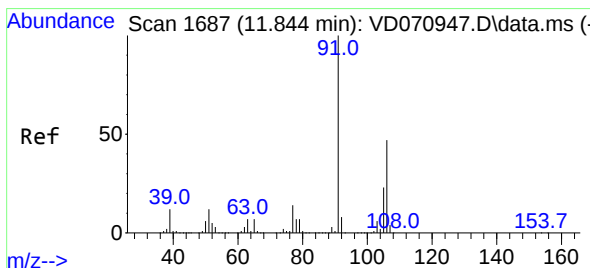
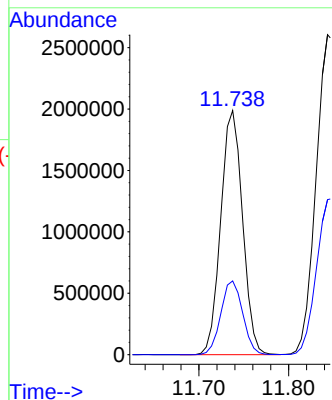
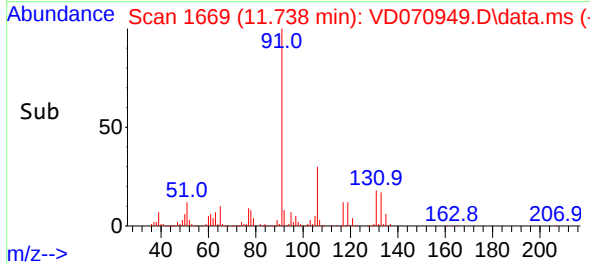
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



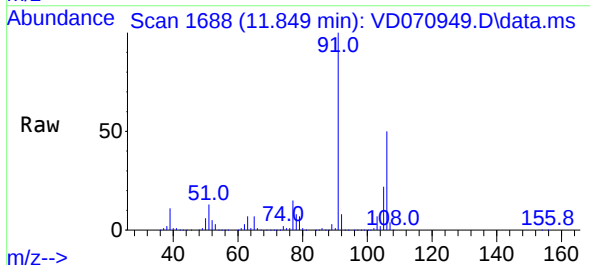
Tgt Ion: 91 Resp: 3355770
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

Manual Integrations
APPROVED

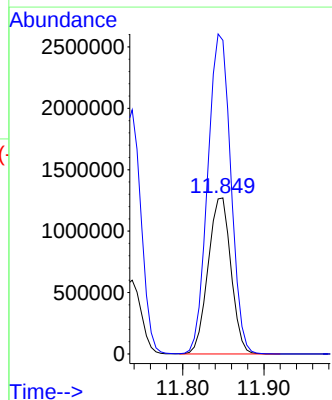
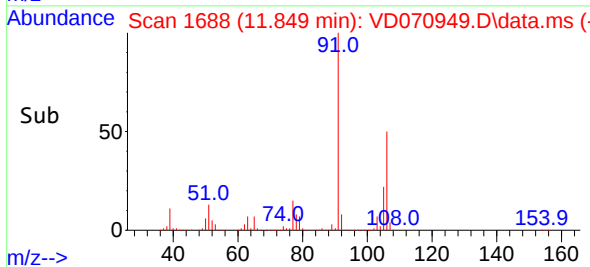
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

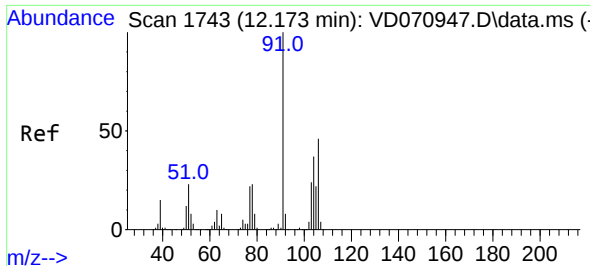


#68
m/p-Xylenes
Concen: 318.252 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



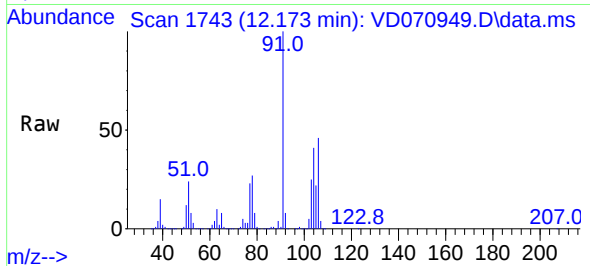
Tgt Ion:106 Resp: 2486348
Ion Ratio Lower Upper
106 100
91 207.0 160.1 240.1





#69
o-Xylene
Concen: 161.823 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

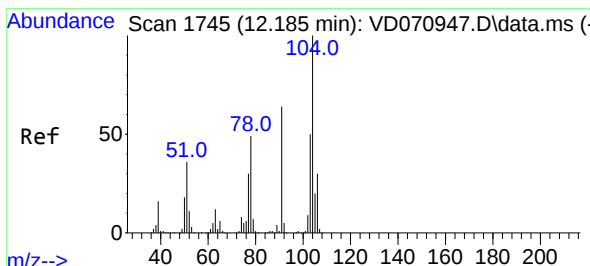
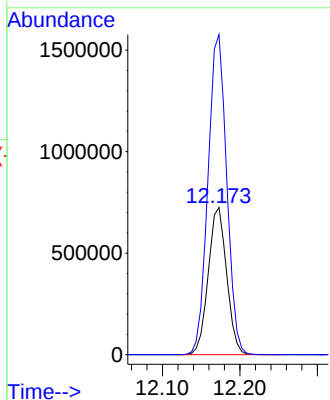
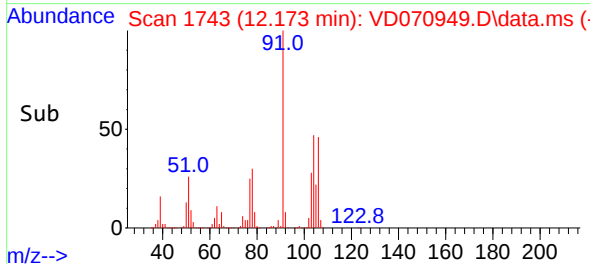
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



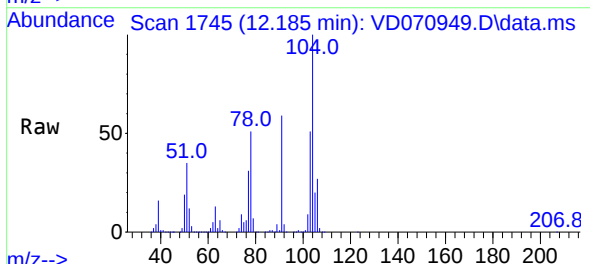
Tgt Ion:106 Resp: 120252
Ion Ratio Lower Upper
106 100
91 220.4 106.3 319.0

Manual Integrations
APPROVED

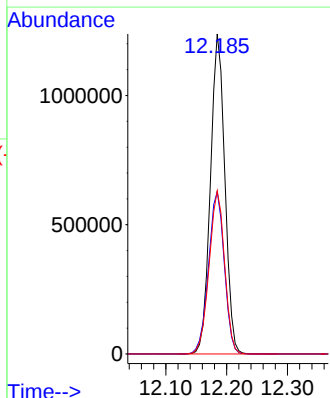
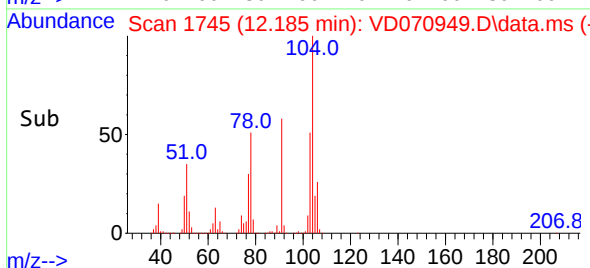
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

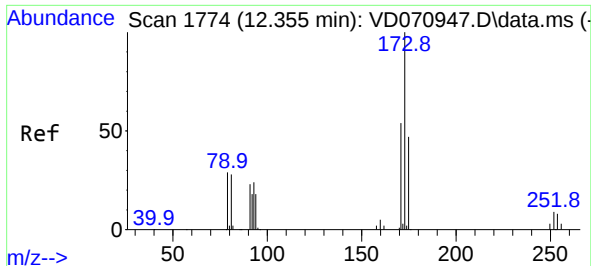


#70
Styrene
Concen: 161.987 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



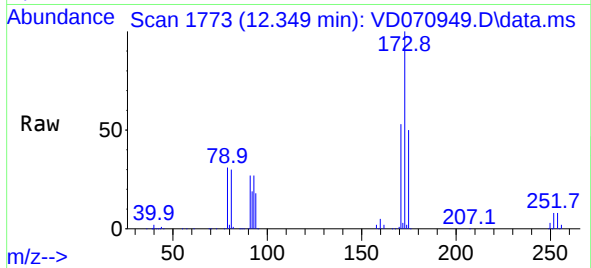
Tgt Ion:104 Resp: 2038180
Ion Ratio Lower Upper
104 100
78 55.4 39.4 59.0
103 54.7 43.4 65.0





#71
Bromoform
Concen: 168.249 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

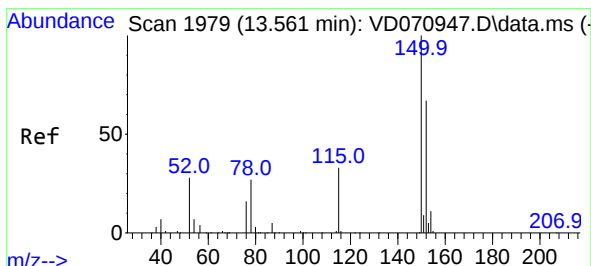
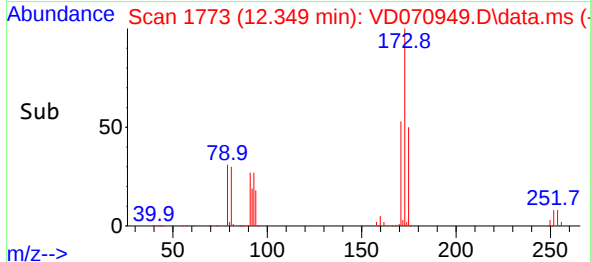
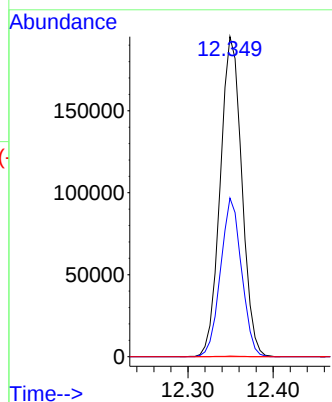
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:173 Resp: 34373
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.2 0.1 0.1

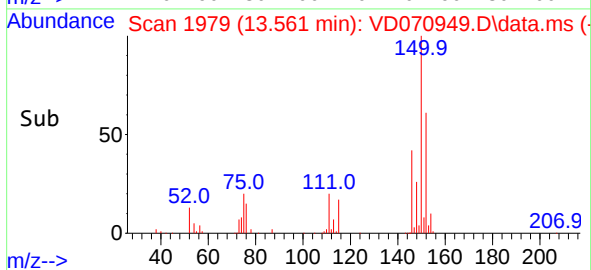
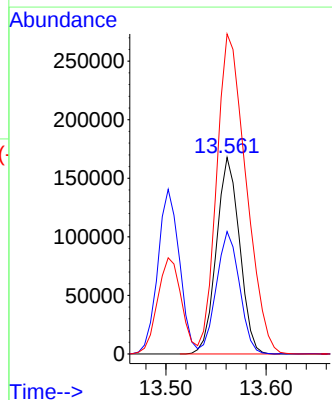
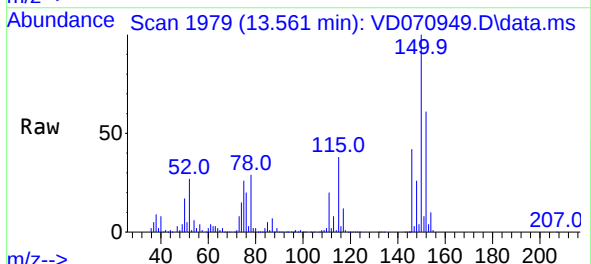
Manual Integrations
APPROVED

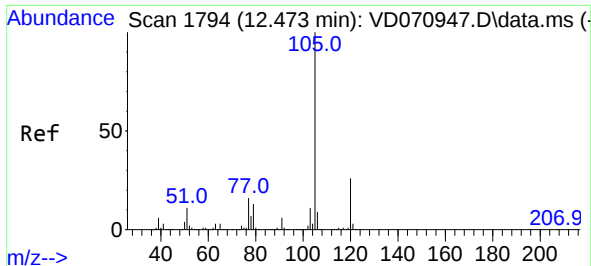
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

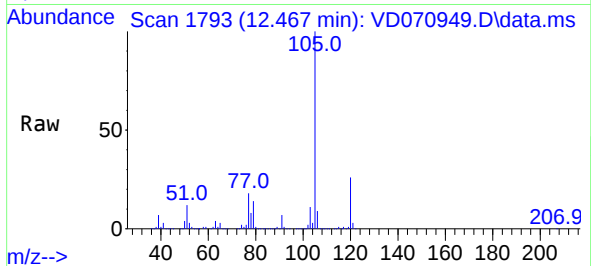
Tgt Ion:152 Resp: 269528
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 206.0 0.0 349.2





#73
Isopropylbenzene
Concen: 162.495 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

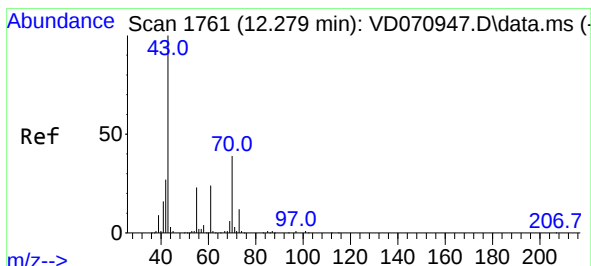
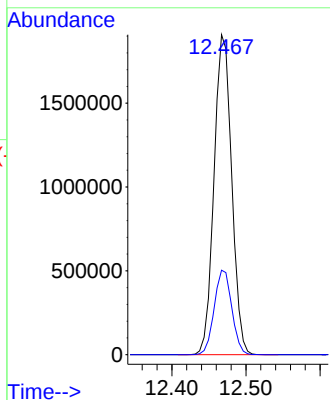
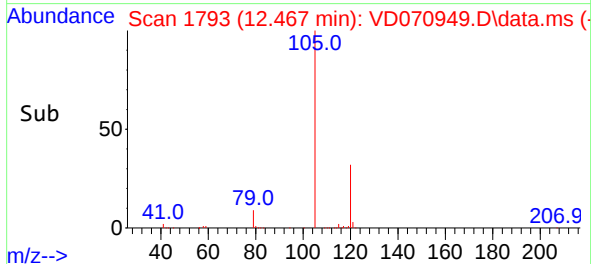
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



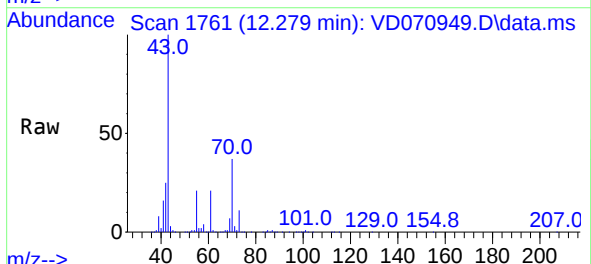
Tgt Ion:105 Resp: 3155208
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

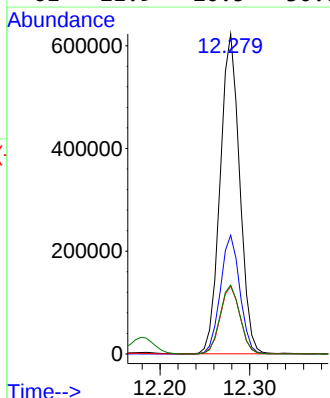
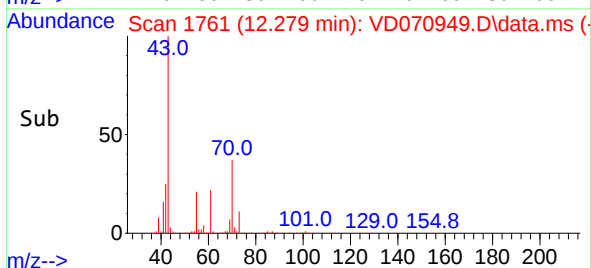
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

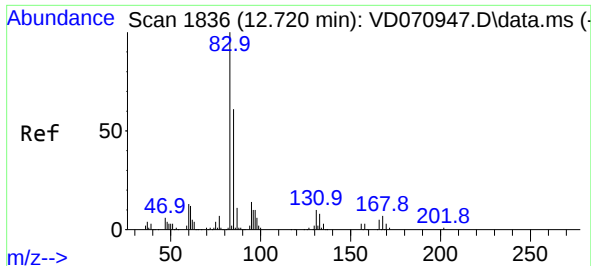


#74
N-ethyl acetate
Concen: 169.048 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



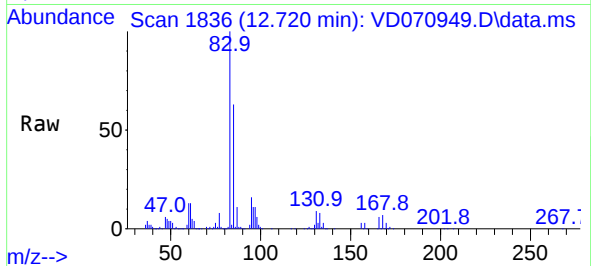
Tgt Ion: 43 Resp: 937759
Ion Ratio Lower Upper
43 100
70 37.1 36.6 55.0
55 21.7 22.5 33.7#
61 21.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 165.182 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

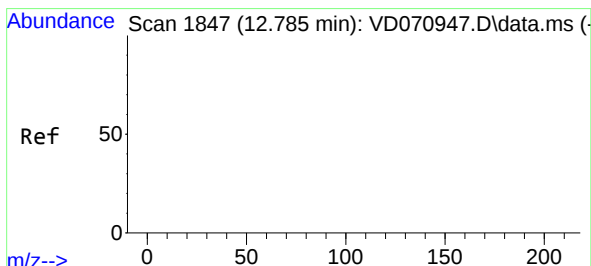
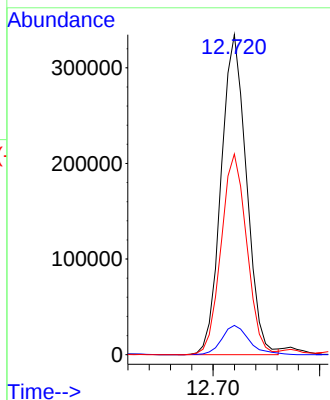
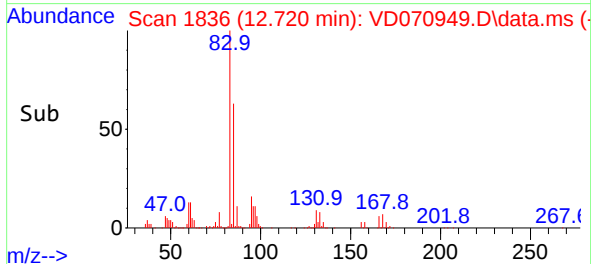
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 55206
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 63.5 32.0 96.2

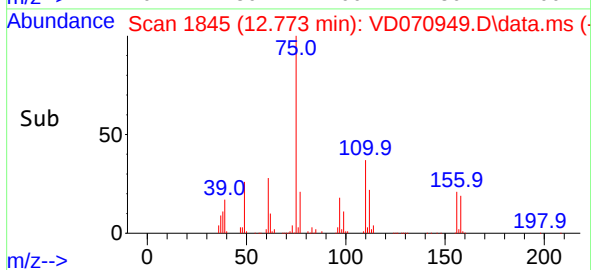
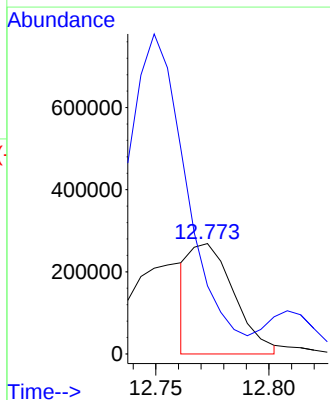
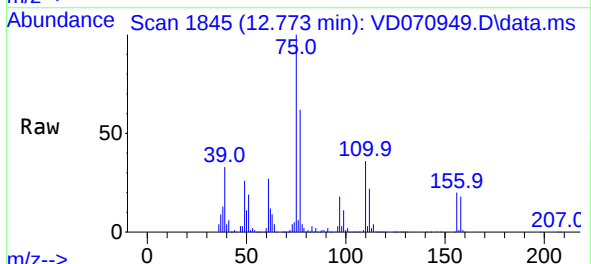
Manual Integrations
APPROVED

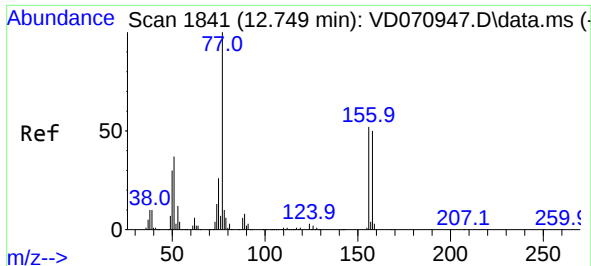
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 448.206 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

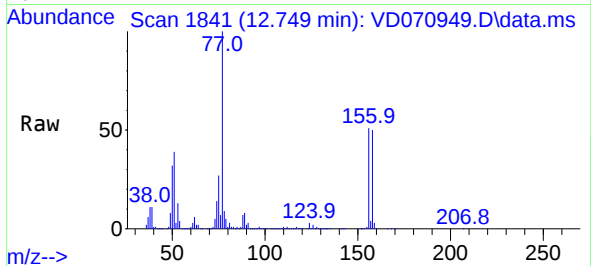
Tgt Ion: 75 Resp: 365467
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 163.610 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

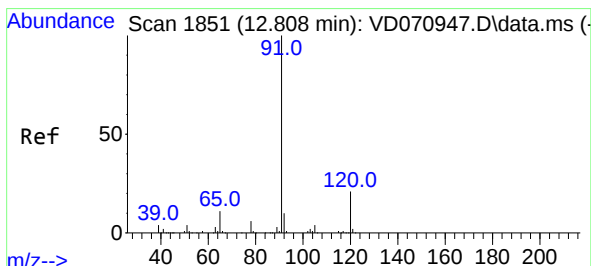
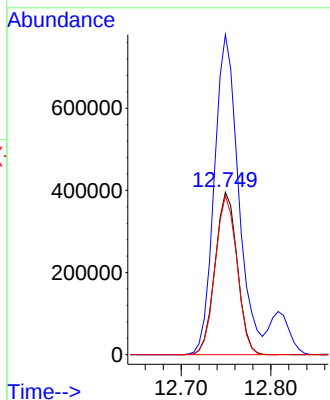
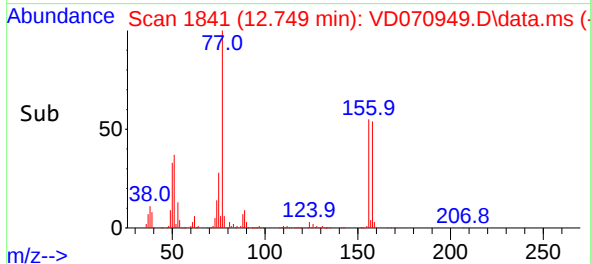
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 678774
Ion Ratio Lower Upper
156 100
77 214.8 96.6 289.8
158 96.9 49.1 147.4

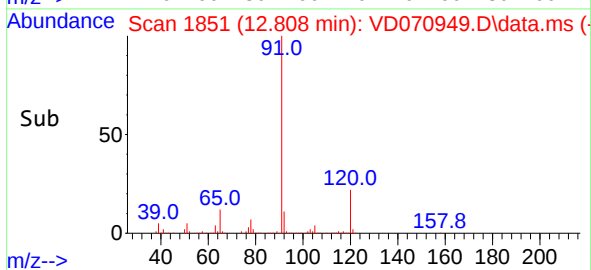
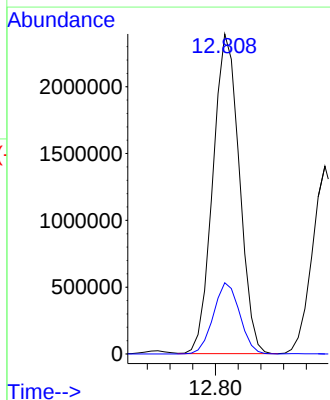
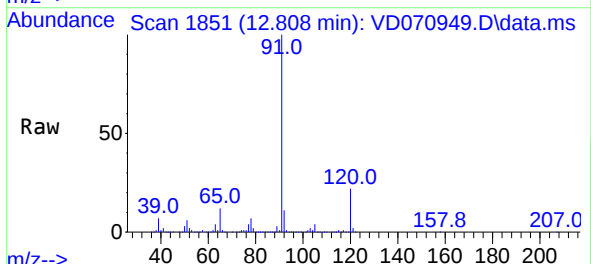
Manual Integrations
APPROVED

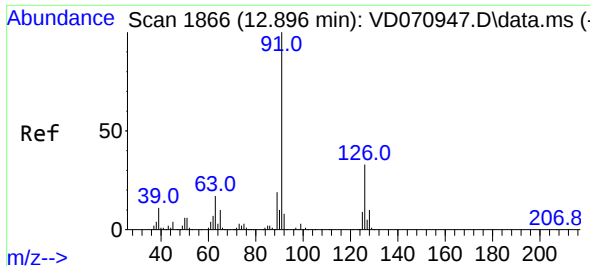
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#78
n-propylbenzene
Concen: 160.844 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

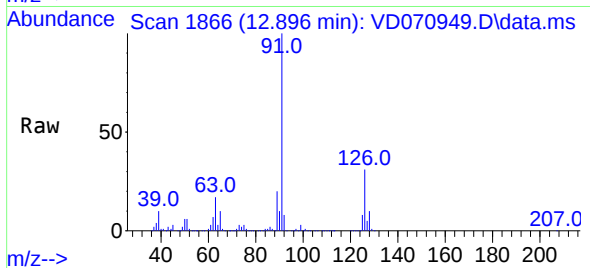
Tgt Ion: 91 Resp: 3869826
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





#79
2-Chlorotoluene
Concen: 165.121 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

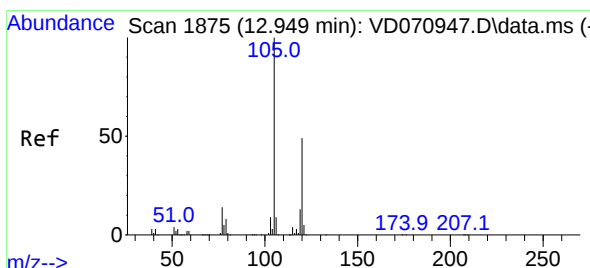
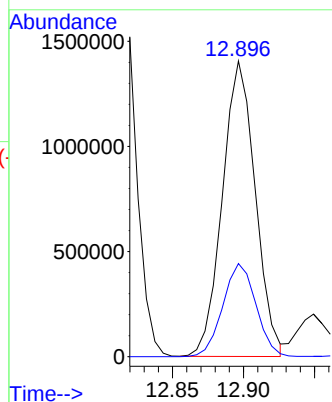
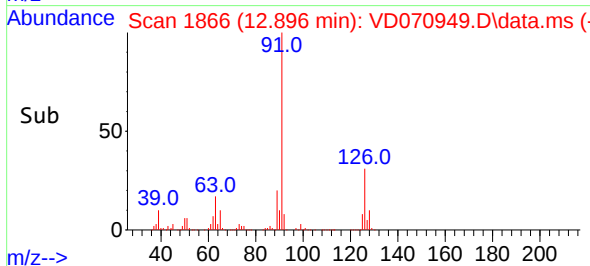
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



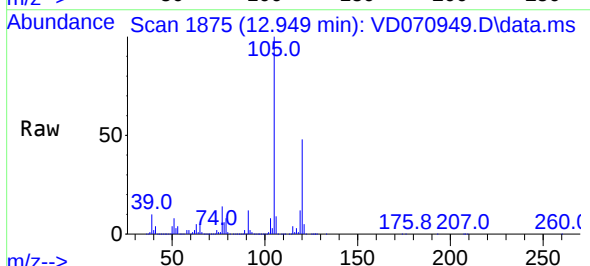
Tgt Ion: 91 Resp: 2265184
Ion Ratio Lower Upper
91 100
126 31.7 16.6 49.7

Manual Integrations
APPROVED

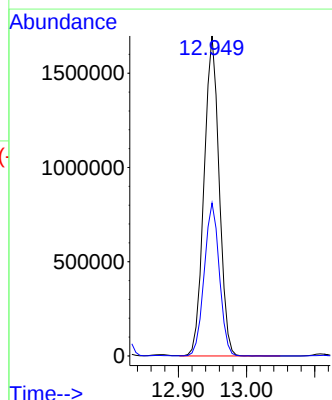
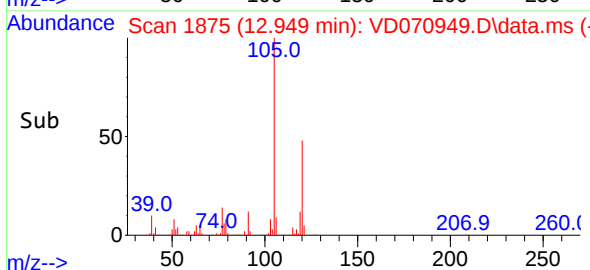
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

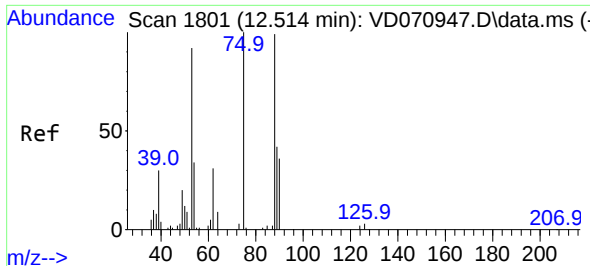


#80
1,3,5-Trimethylbenzene
Concen: 163.631 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



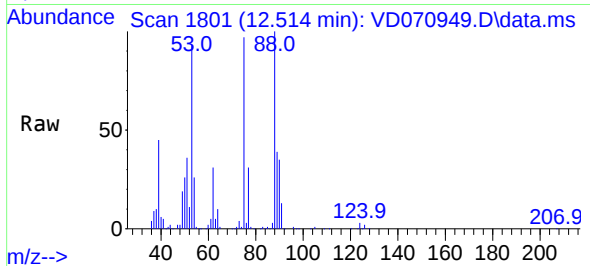
Tgt Ion:105 Resp: 2616023
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 170.755 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

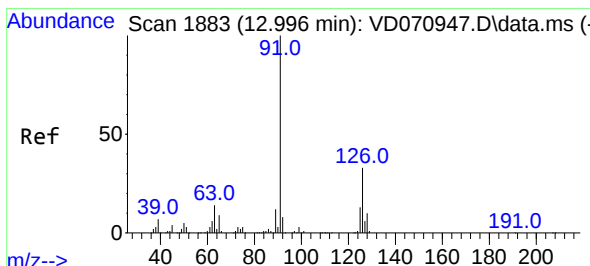
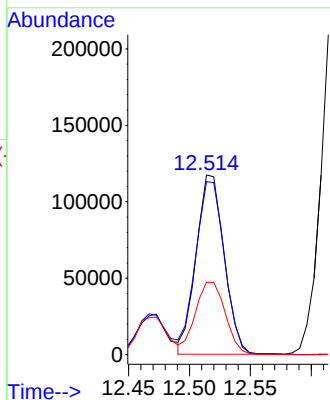
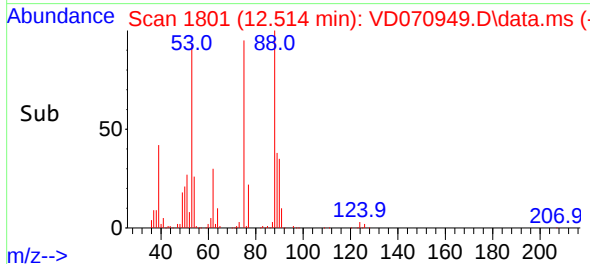
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



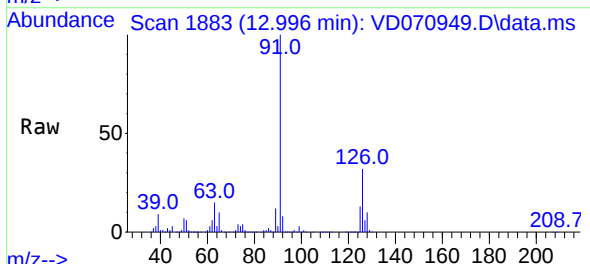
Tgt Ion: 75 Resp: 187560
Ion Ratio Lower Upper
75 100
53 100.2 62.6 94.0
89 43.6 34.5 51.7

Manual Integrations
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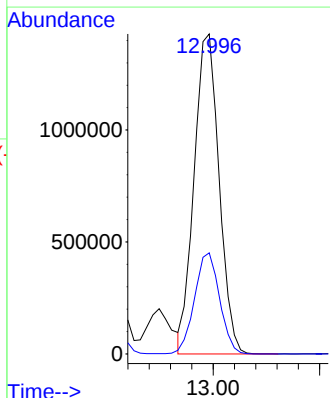
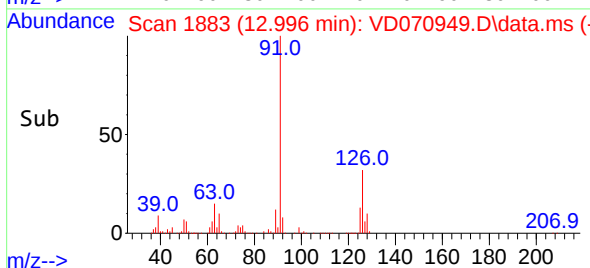
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

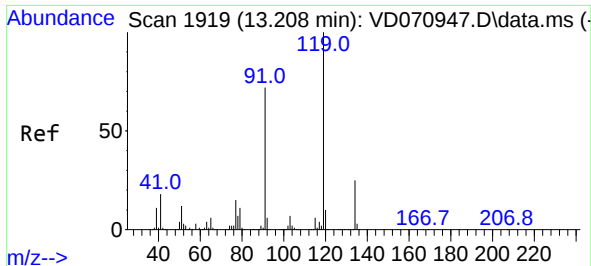


#82
4-Chlorotoluene
Concen: 164.529 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



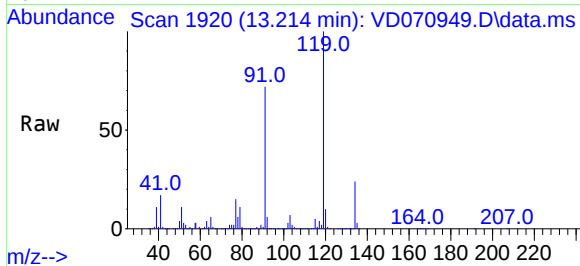
Tgt Ion: 91 Resp: 2329434
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.1





#83
tert-Butylbenzene
Concen: 161.987 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

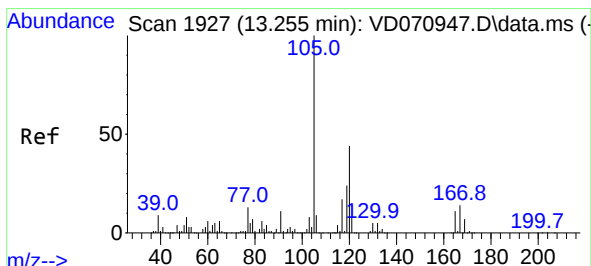
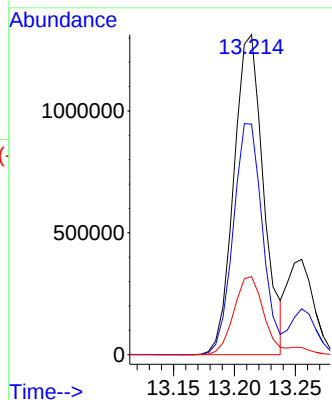
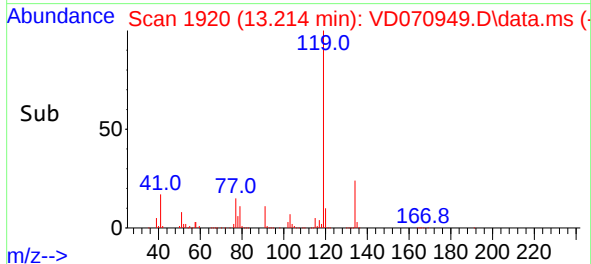
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



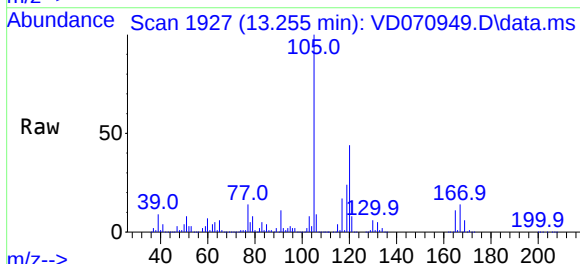
Tgt Ion:119 Resp: 223086
Ion Ratio Lower Upper
119 100
91 70.9 32.5 97.5
134 26.1 13.2 39.6

Manual Integrations
APPROVED

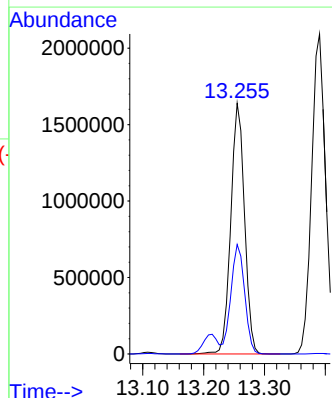
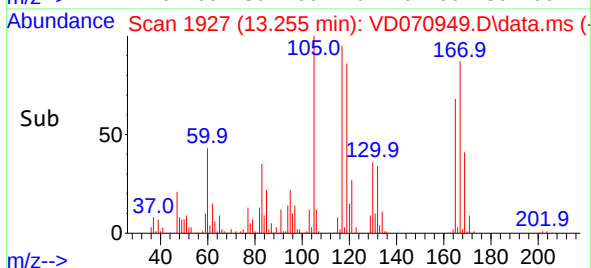
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

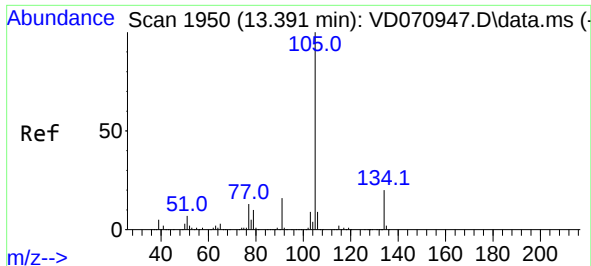


#84
1,2,4-Trimethylbenzene
Concen: 164.246 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



Tgt Ion:105 Resp: 2571614
Ion Ratio Lower Upper
105 100
120 44.1 22.9 68.7





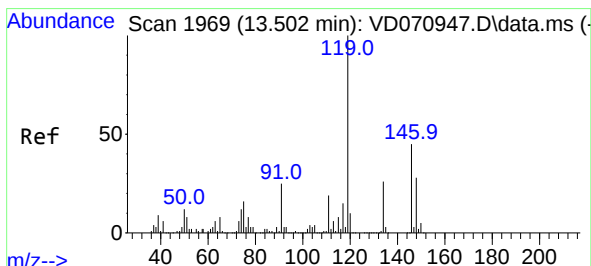
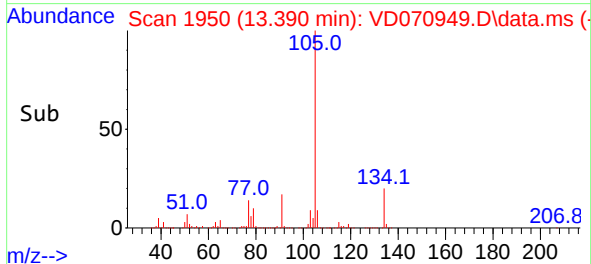
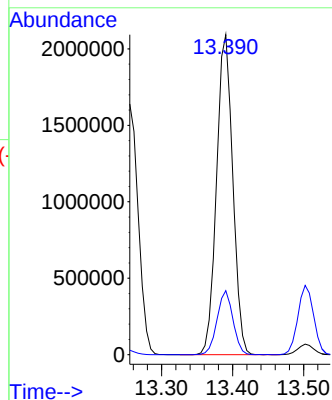
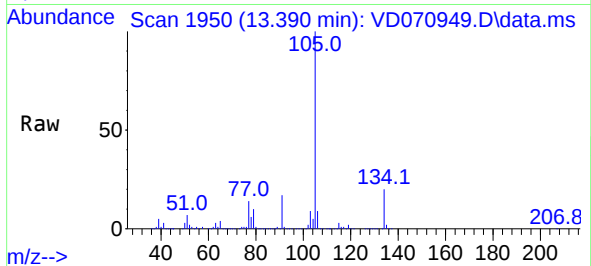
#85
 sec-Butylbenzene
 Concen: 159.653 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070949.D
 Acq: 09 Nov 2021 12:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 330554
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

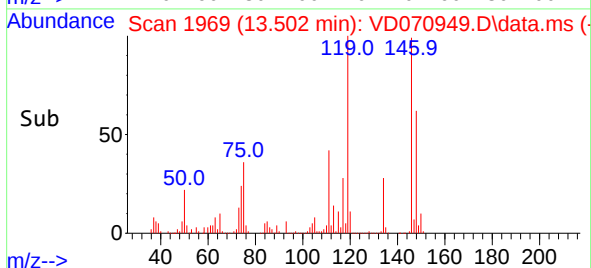
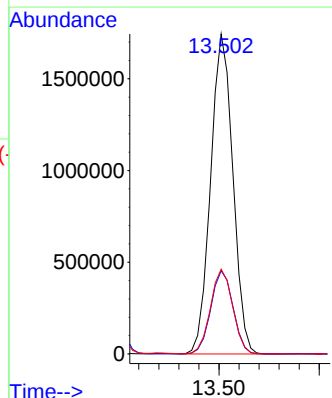
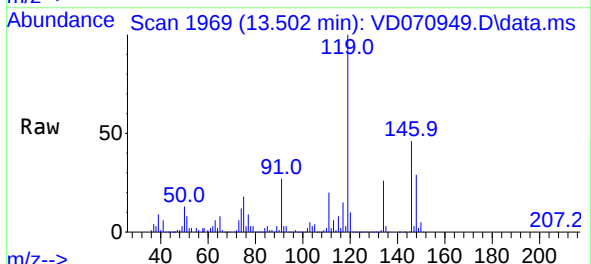
Manual Integrations
 APPROVED

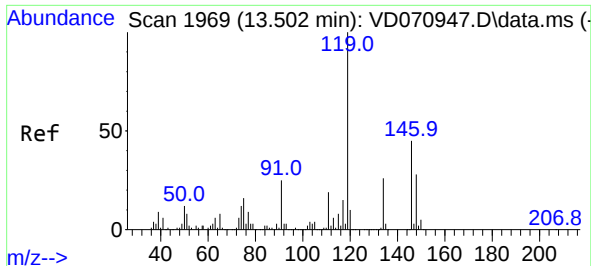
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 161.202 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070949.D
 Acq: 09 Nov 2021 12:23

Tgt Ion:119 Resp: 2680027
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 26.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 160.109 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 1298750

Ion Ratio Lower Upper

146 100

111 43.4 19.8 59.4

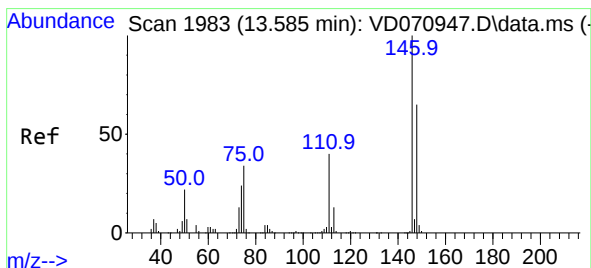
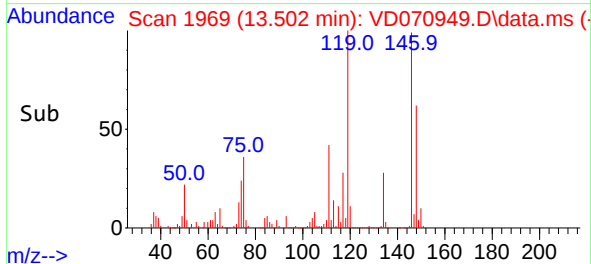
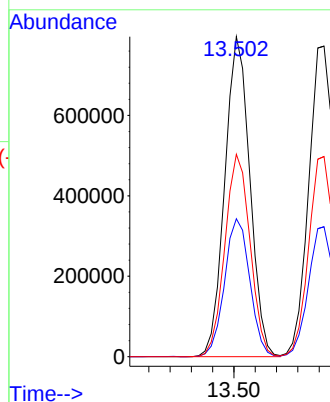
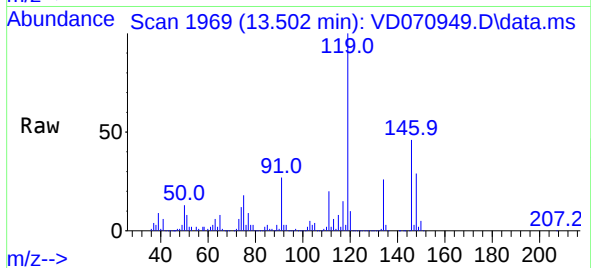
148 63.6 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 160.493 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD070949.D

Acq: 09 Nov 2021 12:23

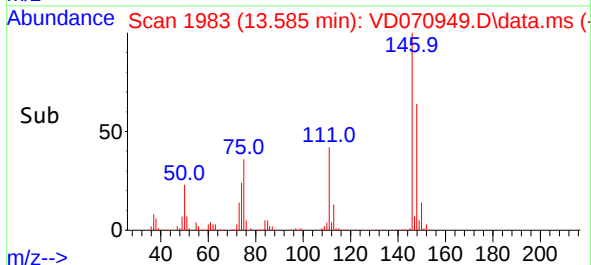
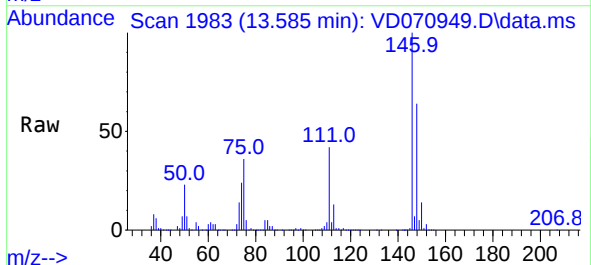
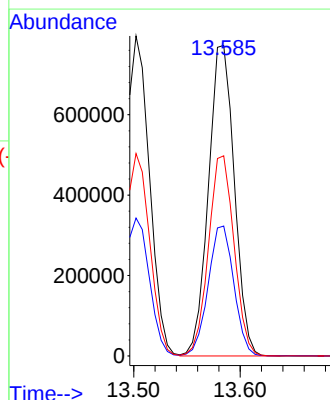
Tgt Ion:146 Resp: 1303484

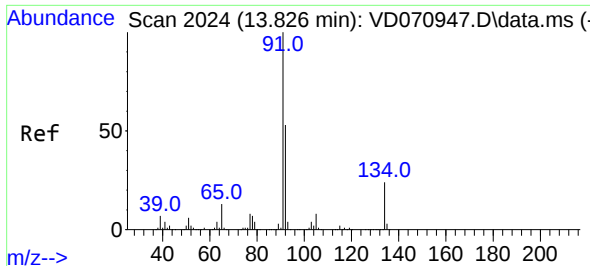
Ion Ratio Lower Upper

146 100

111 41.4 19.6 58.8

148 63.8 31.5 94.5





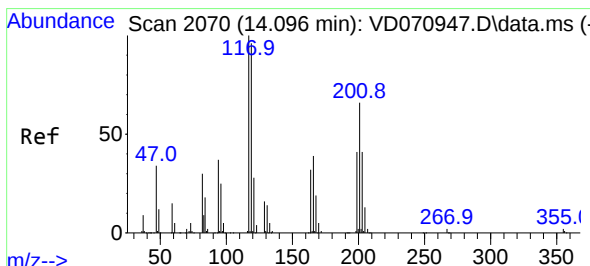
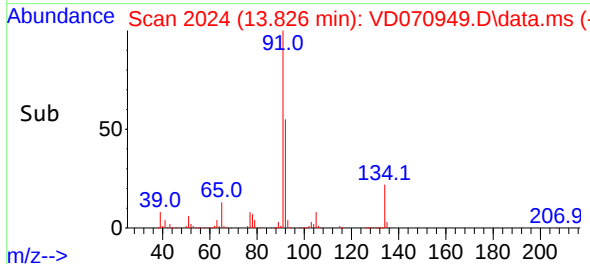
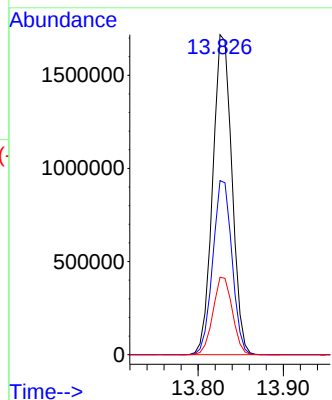
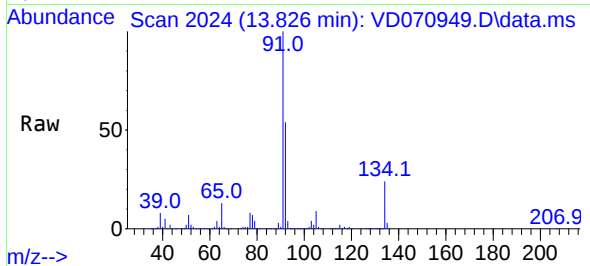
#89
n-Butylbenzene
Concen: 160.920 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2688664
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.9
134 24.4 12.3 36.9

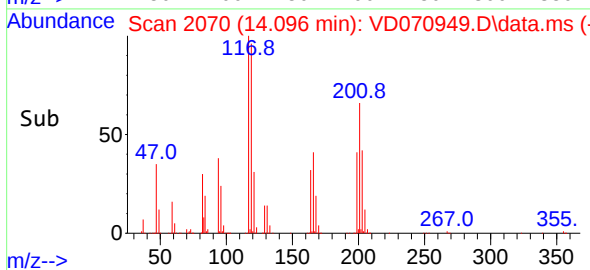
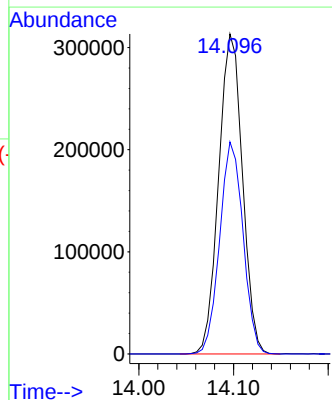
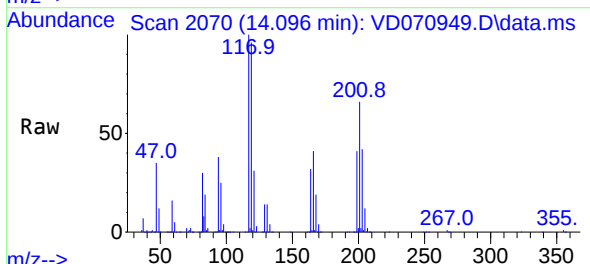
Manual Integrations
APPROVED

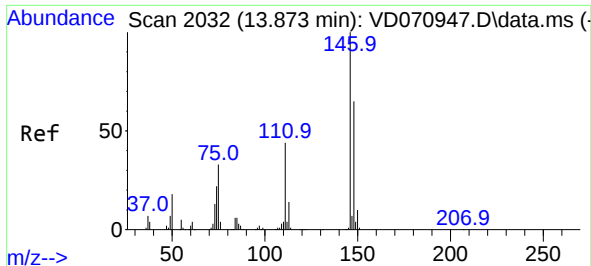
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 166.173 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

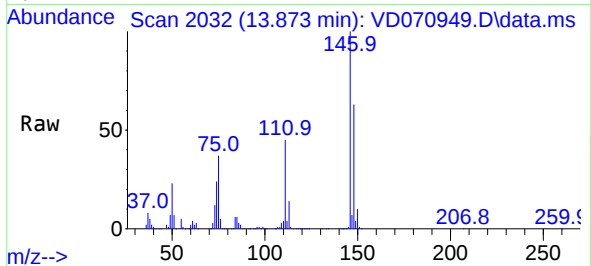
Tgt Ion:117 Resp: 546693
Ion Ratio Lower Upper
117 100
201 65.2 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 163.217 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

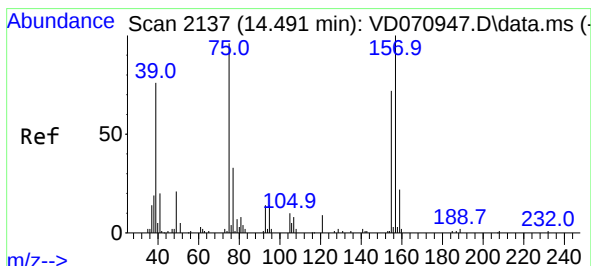
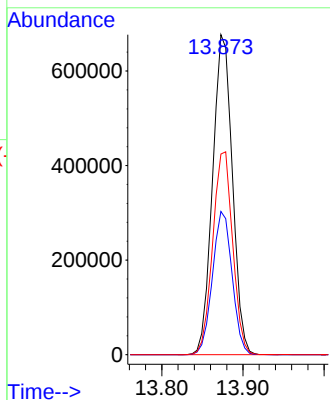
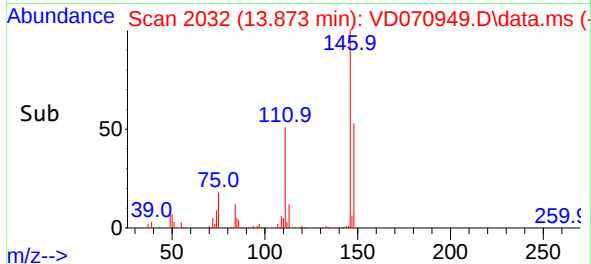
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



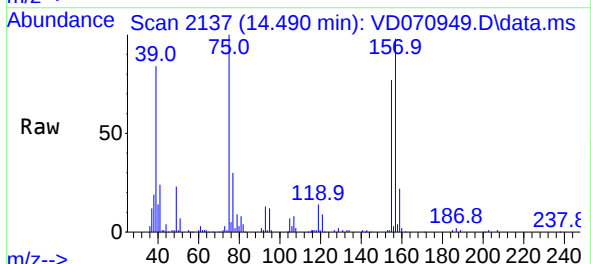
Tgt Ion:146 Resp: 1147214
Ion Ratio Lower Upper
146 100
111 44.5 20.8 62.2
148 64.1 31.7 95.1

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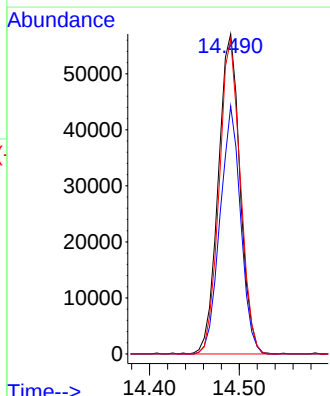
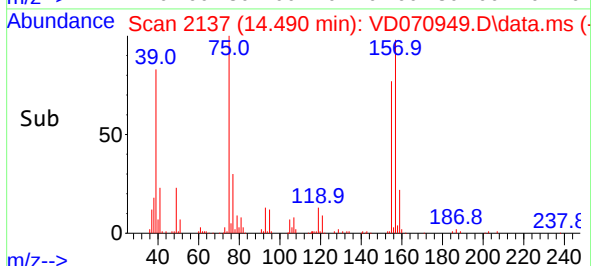
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

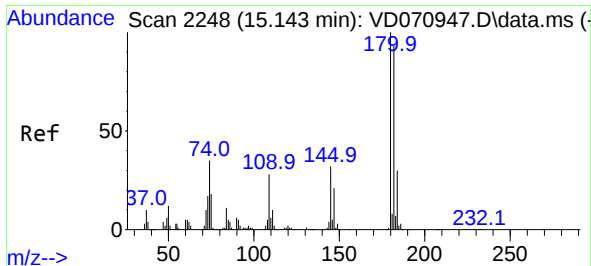


#92
1,2-Dibromo-3-Chloropropane
Concen: 174.980 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



Tgt Ion: 75 Resp: 95913
Ion Ratio Lower Upper
75 100
155 73.5 40.0 120.0
157 95.3 49.8 149.3





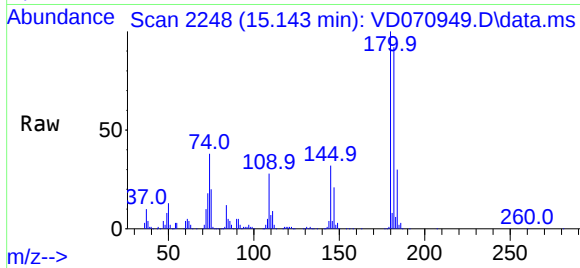
#93
1,2,4-Trichlorobenzene
Concen: 160.658 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

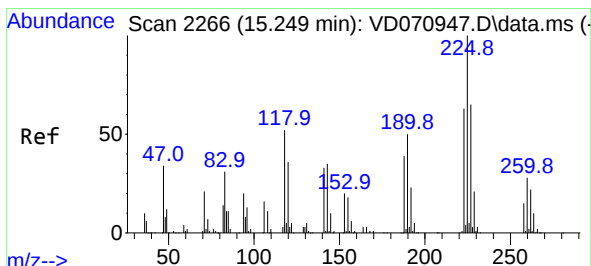
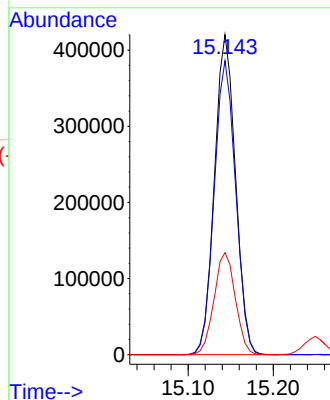
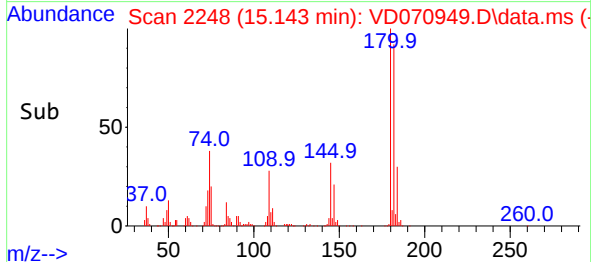


Tgt Ion:180 Resp: 722483
Ion Ratio Lower Upper
180 100
182 93.3 48.2 144.6
145 32.3 15.4 46.2

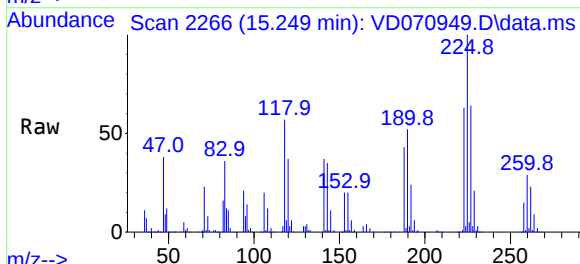
Manual Integrations

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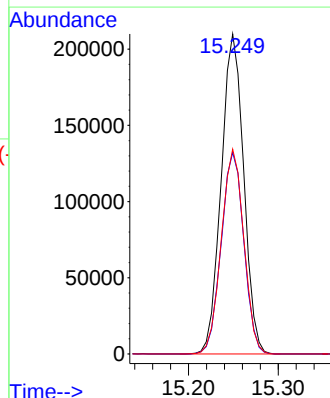
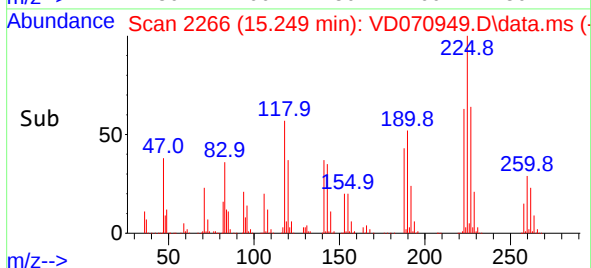
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

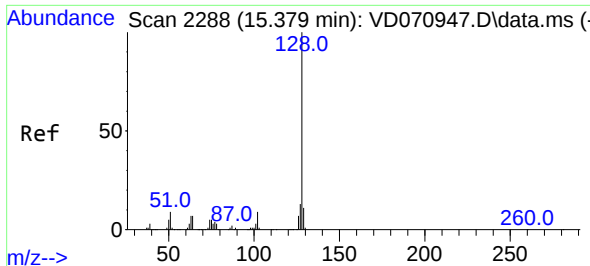


#94
Hexachlorobutadiene
Concen: 160.830 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



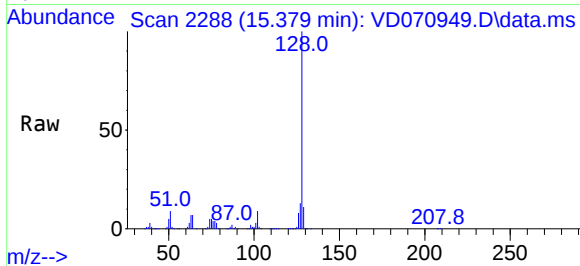
Tgt Ion:225 Resp: 364764
Ion Ratio Lower Upper
225 100
223 63.3 31.8 95.3
227 64.1 31.6 94.8





#95
Naphthalene
Concen: 167.256 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23

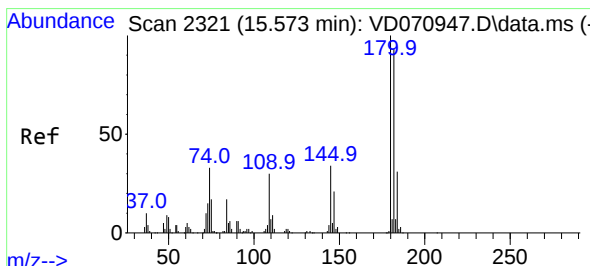
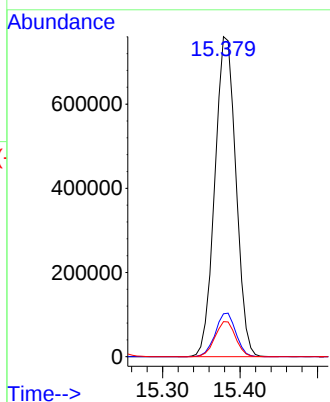
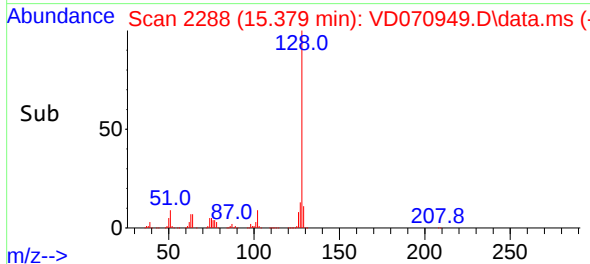
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



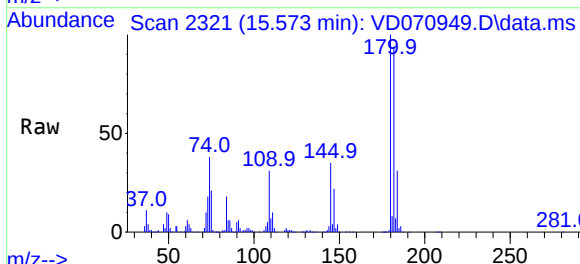
Tgt Ion:128 Resp: 1436198
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 8.7 13.1

Manual Integrations
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Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 162.605 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD070949.D
Acq: 09 Nov 2021 12:23



Tgt Ion:180 Resp: 614834
Ion Ratio Lower Upper
180 100
182 93.8 46.7 140.1
145 34.1 15.9 47.6

