

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071018.D
 Acq On : 12 Nov 2021 07:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 01:04:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	253437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	491743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	449026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	198511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161148	59.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.440%	
35) Dibromofluoromethane	7.914	113	151488	54.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.331	98	549037	50.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.620	95	197850	50.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	102848	47.498	ug/l	97
3) Chloromethane	2.208	50	161026	62.496	ug/l	99
4) Vinyl Chloride	2.349	62	162630	65.630	ug/l	99
5) Bromomethane	2.761	94	117495	69.565	ug/l	99
6) Chloroethane	2.920	64	113844	71.532	ug/l	99
7) Trichlorofluoromethane	3.273	101	216248	54.225	ug/l	98
8) Diethyl Ether	3.708	74	82345	62.390	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	128566	52.299	ug/l	95
10) Methyl Iodide	4.296	142	166994	55.991	ug/l	99
11) Tert butyl alcohol	5.226	59	54755	277.656	ug/l #	93
12) 1,1-Dichloroethene	4.061	96	133435	55.445	ug/l	90
13) Acrolein	3.920	56	3670	56.746	ug/l #	75
14) Allyl chloride	4.714	41	288830	57.619	ug/l #	84
15) Acrylonitrile	5.414	53	201324	318.777	ug/l	97
16) Acetone	4.155	43	157184	218.419	ug/l #	87
17) Carbon Disulfide	4.408	76	407723	52.469	ug/l	96
18) Methyl Acetate	4.714	43	175665	75.882	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	402108	64.724	ug/l	97
20) Methylene Chloride	4.961	84	195450	63.824	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	162239	58.816	ug/l	89
22) Diisopropyl ether	6.355	45	628884	63.106	ug/l	94
23) Vinyl Acetate	6.302	43	1400717	262.218	ug/l	97
24) 1,1-Dichloroethane	6.261	63	334583	62.859	ug/l	99
25) 2-Butanone	7.208	43	257050	271.091	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	225922	50.292	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	197070	62.499	ug/l	96
28) Bromochloromethane	7.543	49	139948	61.990	ug/l	91
29) Tetrahydrofuran	7.555	42	172465	314.568	ug/l	92
30) Chloroform	7.708	83	329694	65.149	ug/l	100
31) Cyclohexane	7.984	56	253265	45.640	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	265972	61.194	ug/l	94
36) 1,1-Dichloropropene	8.108	75	229491	52.270	ug/l	98
37) Ethyl Acetate	7.290	43	117934	58.875	ug/l #	91
38) Carbon Tetrachloride	8.090	117	212250	52.495	ug/l	97
39) Methylcyclohexane	9.349	83	250479	44.173	ug/l	98
40) Benzene	8.349	78	702647	56.827	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	72770	50.628	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	214138	61.144	ug/l	96
43) Isopropyl Acetate	8.449	43	240281	56.680	ug/l #	89
44) Trichloroethene	9.108	130	178116	55.887	ug/l	98
45) 1,2-Dichloropropane	9.384	63	189359	56.628	ug/l	98
46) Dibromomethane	9.473	93	98302	61.762	ug/l	95
47) Bromodichloromethane	9.655	83	251424	59.722	ug/l	100
48) Methyl methacrylate	9.449	41	114255	54.940	ug/l #	81
49) 1,4-Dioxane	9.455	88	21145	1146.609	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	615229	299.343	ug/l	91
52) Toluene	10.396	92	435799	55.913	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	230592	54.316	ug/l	99
54) cis-1,3-Dichloropropene	10.084	75	269661	53.866	ug/l #	84
55) 1,1,2-Trichloroethane	10.790	97	130905	59.841	ug/l	97
56) Ethyl methacrylate	10.655	69	181310	58.579	ug/l #	78
57) 1,3-Dichloropropane	10.937	76	235177	59.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	437294	271.767	ug/l	100
59) 2-Hexanone	10.978	43	415544	258.007	ug/l	90
60) Dibromochloromethane	11.131	129	159608	60.819	ug/l	99
61) 1,2-Dibromoethane	11.237	107	125107	58.794	ug/l	99
64) Tetrachloroethene	10.873	164	149565	57.122	ug/l	98
65) Chlorobenzene	11.661	112	453609	56.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	167217	58.805	ug/l	100
67) Ethyl Benzene	11.737	91	835725	55.082	ug/l	99
68) m/p-Xylenes	11.843	106	622130	109.712	ug/l	95
69) o-Xylene	12.172	106	308024	57.108	ug/l	98
70) Styrene	12.184	104	520465	56.990	ug/l	97
71) Bromoform	12.349	173	88686	59.806	ug/l #	99
73) Isopropylbenzene	12.467	105	778102	54.409	ug/l	100
74) N-amyl acetate	12.278	43	218045	53.368	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	150609	61.185	ug/l	98
76) 1,2,3-Trichloropropane	12.772	75	104234m	61.470	ug/l	
77) Bromobenzene	12.749	156	178125	58.295	ug/l	96
78) n-propylbenzene	12.808	91	950869	53.660	ug/l	100
79) 2-Chlorotoluene	12.896	91	556360	55.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	650485	55.244	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	38349	43.997	ug/l #	82
82) 4-Chlorotoluene	12.996	91	567451	54.418	ug/l	99
83) tert-Butylbenzene	13.214	119	556115	54.827	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	645552	55.981	ug/l	98
85) sec-Butylbenzene	13.390	105	795851	52.190	ug/l	99
86) p-Isopropyltoluene	13.502	119	663293	54.170	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	341403	57.144	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	329524	55.088	ug/l	95
89) n-Butylbenzene	13.825	91	609007	49.490	ug/l	100
90) Hexachloroethane	14.096	117	131550	54.291	ug/l	94
91) 1,2-Dichlorobenzene	13.872	146	300414	58.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22756	56.367	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	180226	54.414	ug/l	98
94) Hexachlorobutadiene	15.249	225	87499	52.382	ug/l	98
95) Naphthalene	15.378	128	376062	59.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	159106	57.132	ug/l	98

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

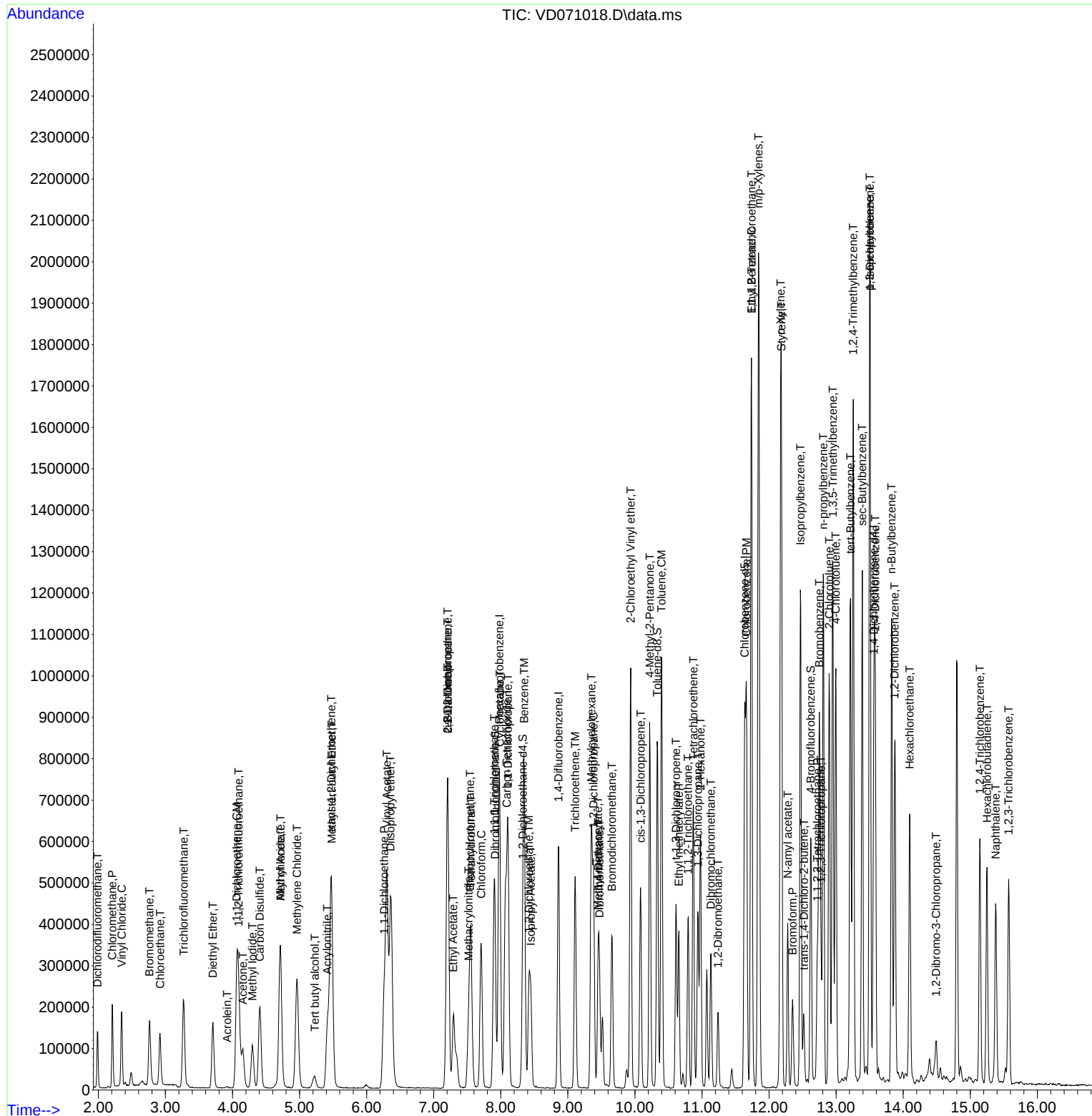
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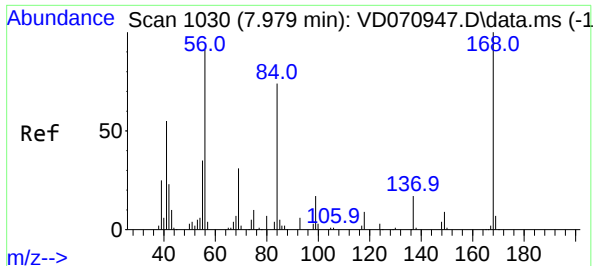
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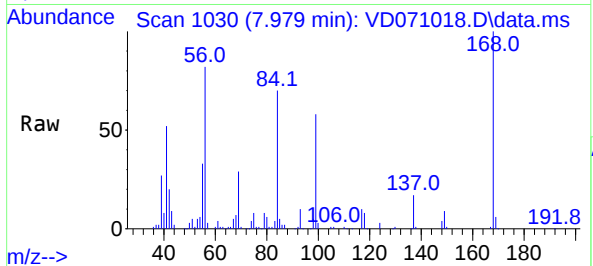
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

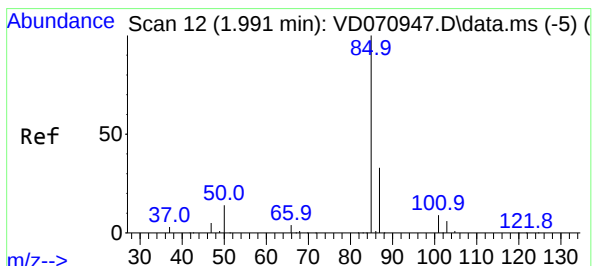
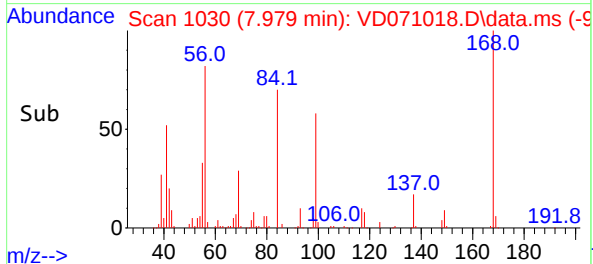
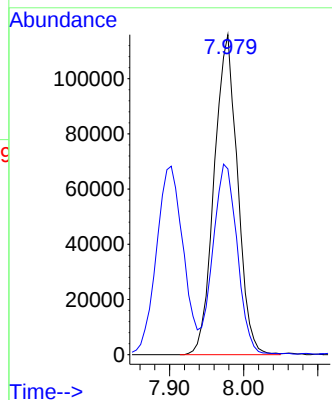
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 25343
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8

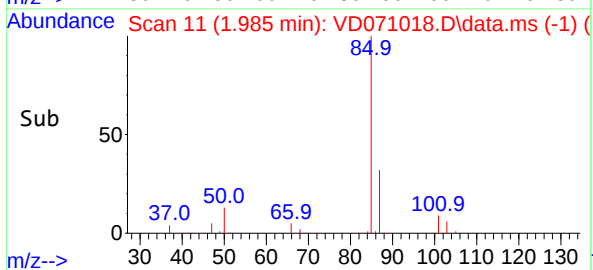
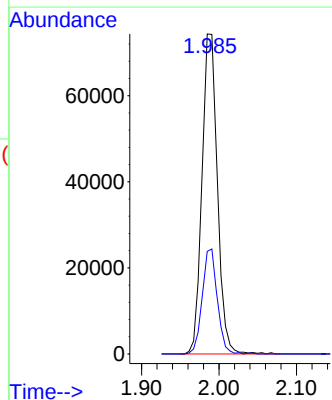
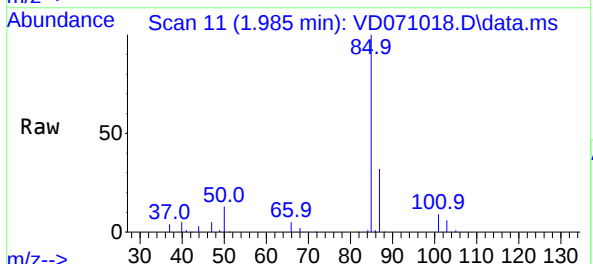
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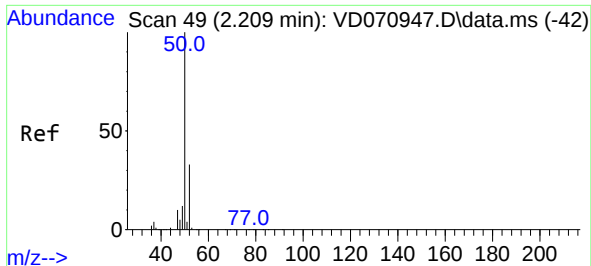
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#2
Dichlorodifluoromethane
Concen: 47.498 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

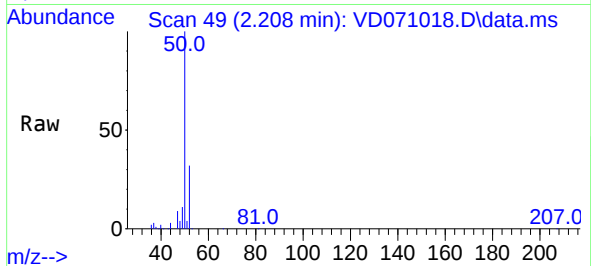
Tgt Ion: 85 Resp: 102848
Ion Ratio Lower Upper
85 100
87 32.1 15.2 45.6





#3
Chloromethane
Concen: 62.496 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

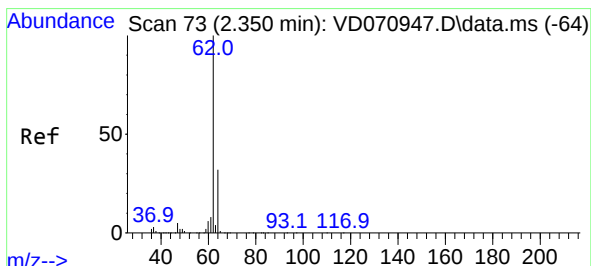
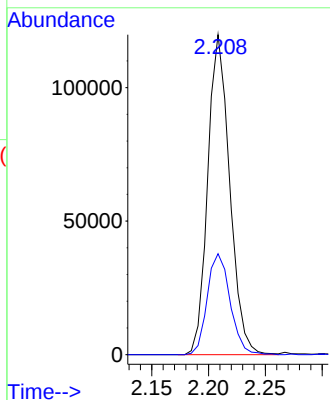
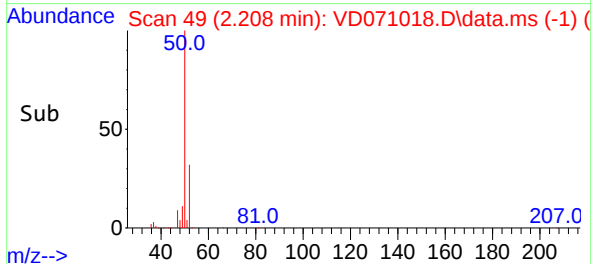
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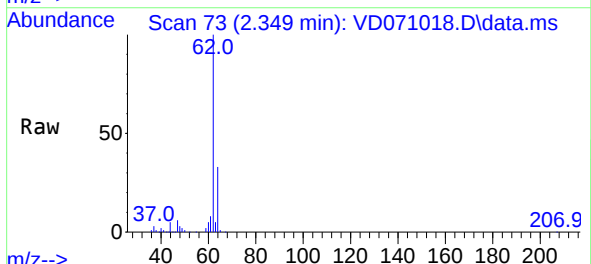
Tgt Ion: 50 Resp: 161020
Ion Ratio Lower Upper
50 100
52 31.6 25.8 38.8

Manual Integrations
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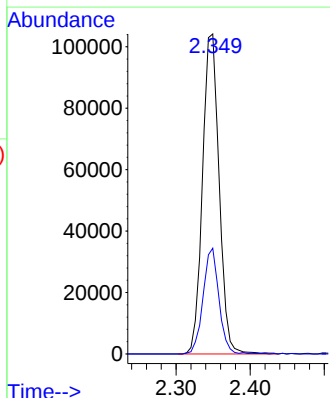
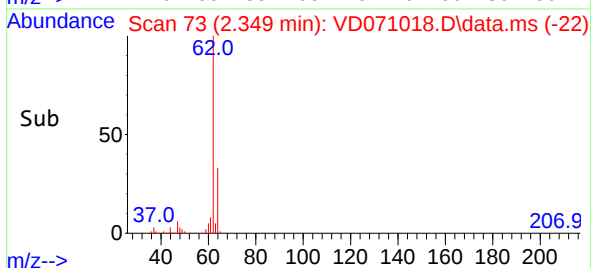
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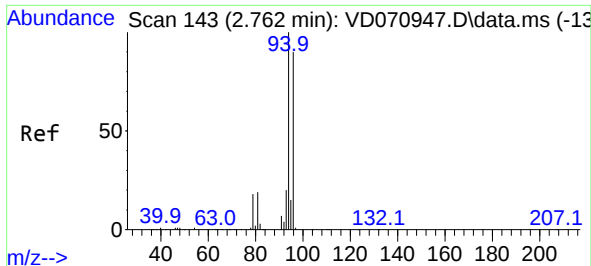


#4
Vinyl Chloride
Concen: 65.630 ug/l
RT: 2.349 min Scan# 73
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



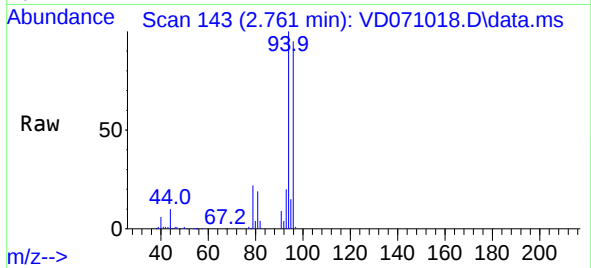
Tgt Ion: 62 Resp: 162630
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 69.565 ug/l
RT: 2.761 min Scan# 143
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

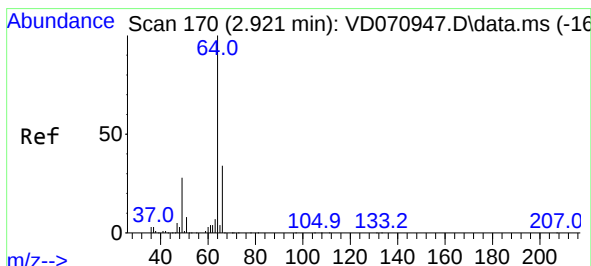
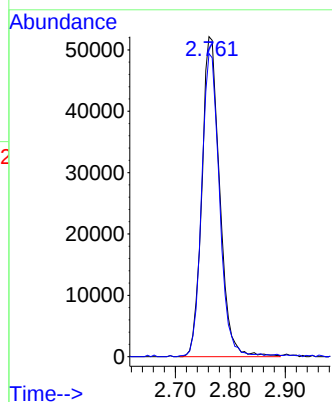
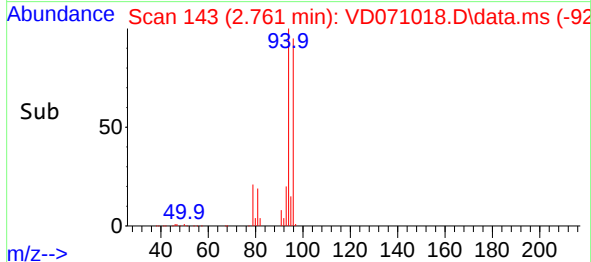
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Tgt Ion: 94 Resp: 117495
Ion Ratio Lower Upper
94 100
96 94.4 74.8 112.2

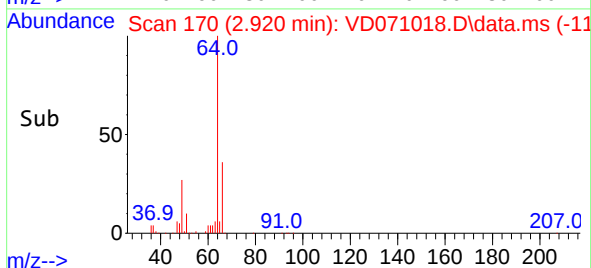
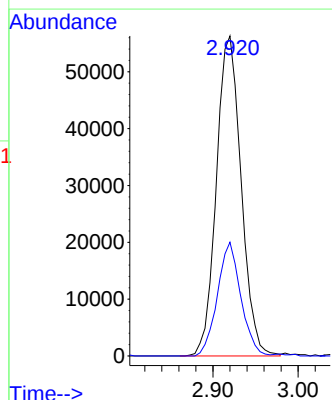
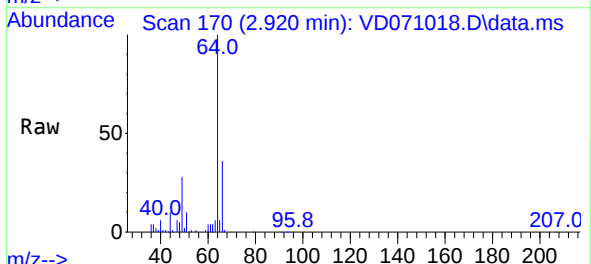
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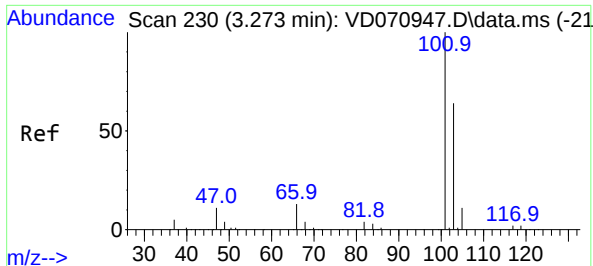
Reviewed By :Vimala Arumugam 11/15/2021
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#6
Chloroethane
Concen: 71.532 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

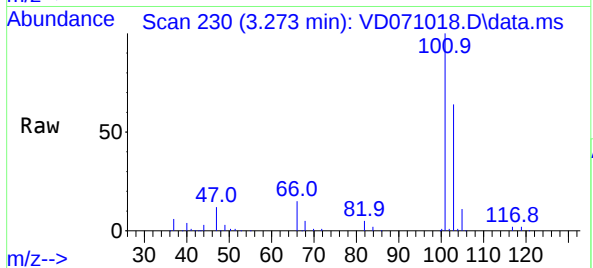
Tgt Ion: 64 Resp: 113844
Ion Ratio Lower Upper
64 100
66 35.5 29.0 43.4





#7
Trichlorofluoromethane
Concen: 54.225 ug/l
RT: 3.273 min Scan# 216248
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

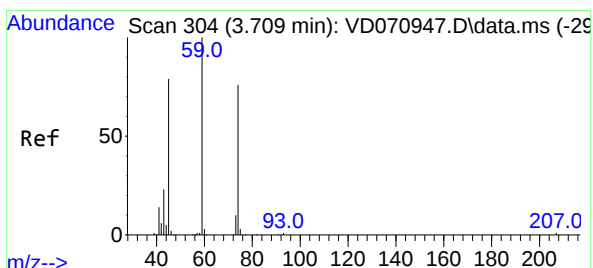
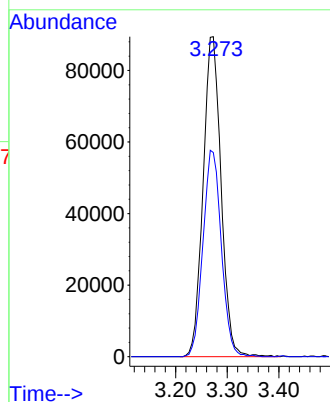
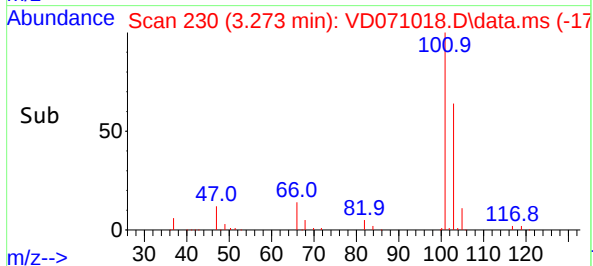
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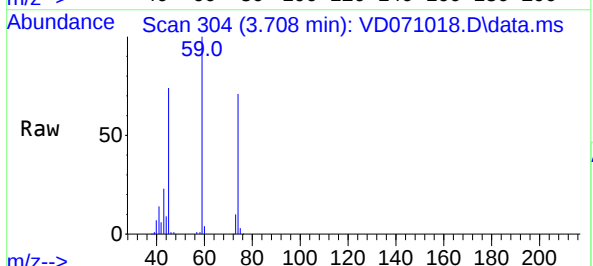
Tgt Ion:101 Resp: 216248
Ion Ratio Lower Upper
101 100
103 63.8 49.7 74.5

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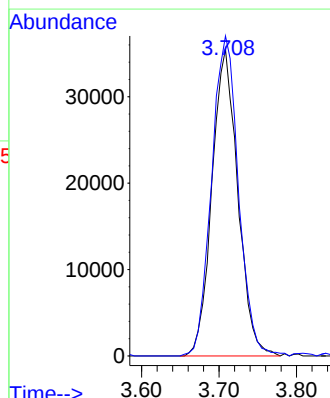
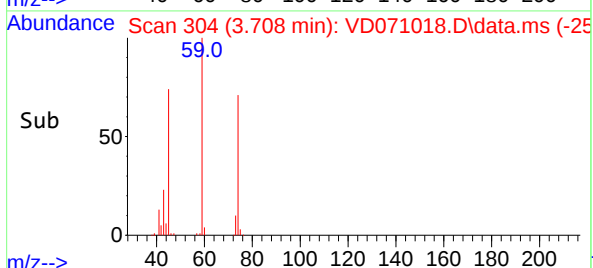
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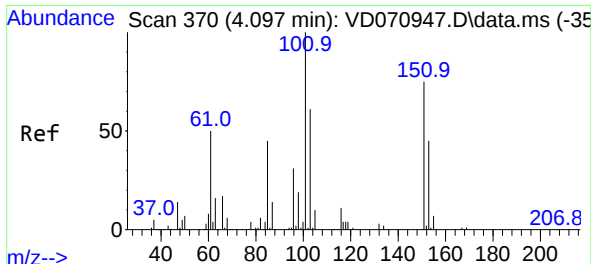


#8
Diethyl Ether
Concen: 62.390 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



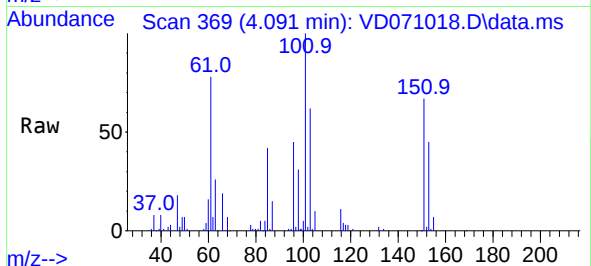
Tgt Ion: 74 Resp: 82345
Ion Ratio Lower Upper
74 100
45 108.4 49.6 149.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.299 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

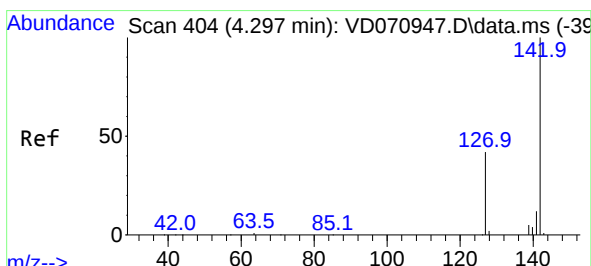
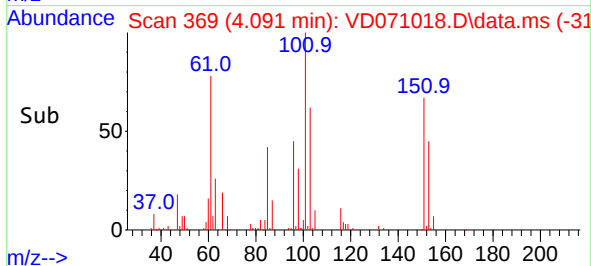
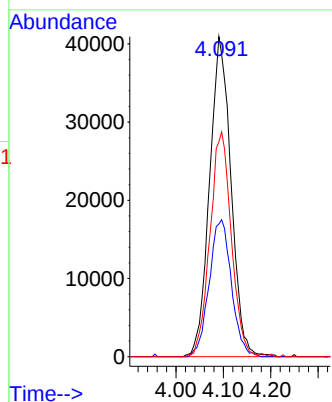
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 12856
Ion Ratio Lower Upper
101 100
85 44.4 34.8 52.2
151 69.9 60.4 90.6

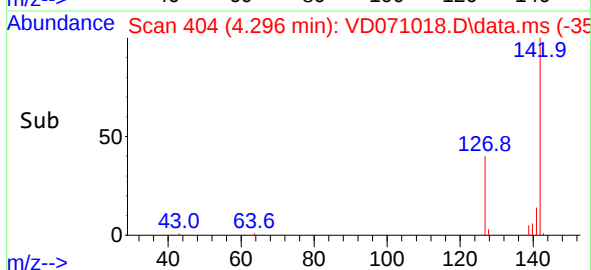
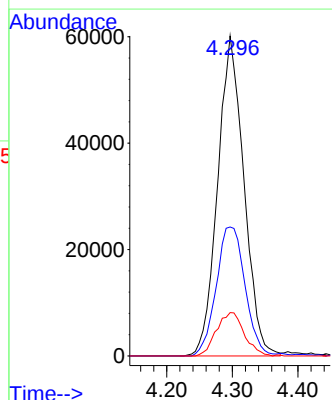
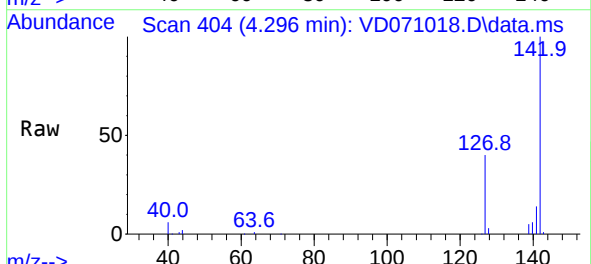
Manual Integrations
APPROVED

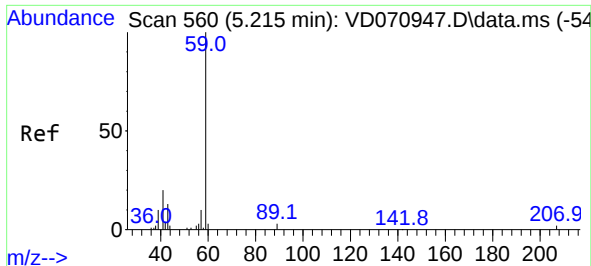
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 55.991 ug/l
RT: 4.296 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

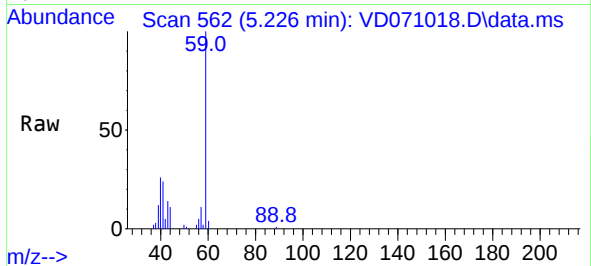
Tgt Ion:142 Resp: 166994
Ion Ratio Lower Upper
142 100
127 44.3 35.0 52.4
141 14.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 277.656 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.011 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

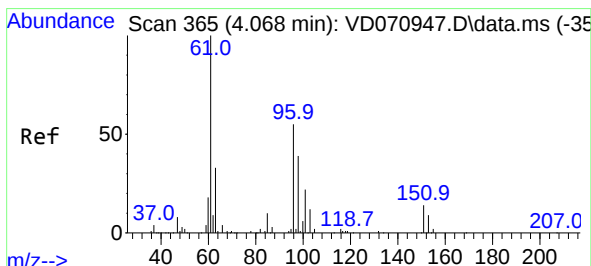
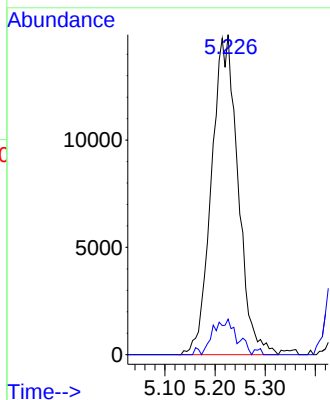
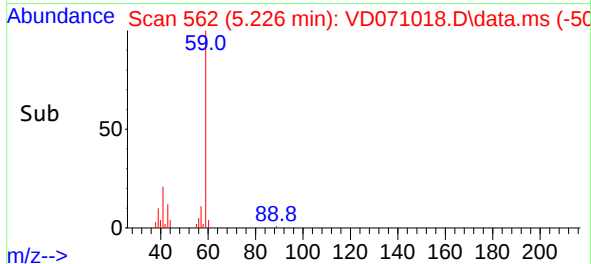
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



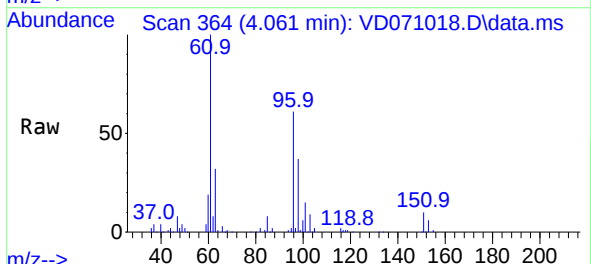
Tgt Ion: 59 Resp: 5475
Ion Ratio Lower Upper
59 100
57 8.7 9.0 13.4

Manual Integrations
APPROVED

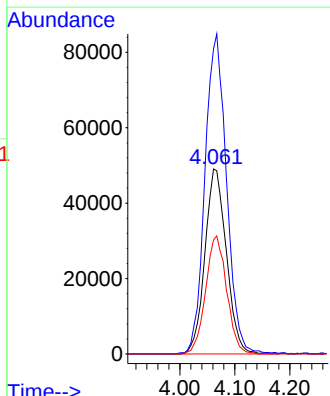
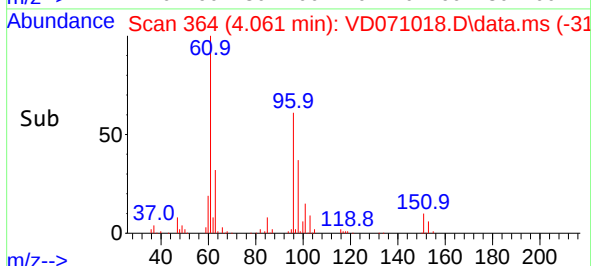
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

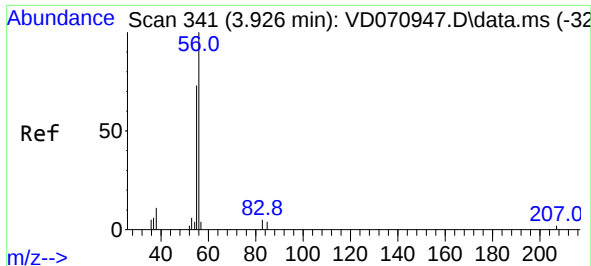


#12
1,1-Dichloroethene
Concen: 55.445 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.007 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



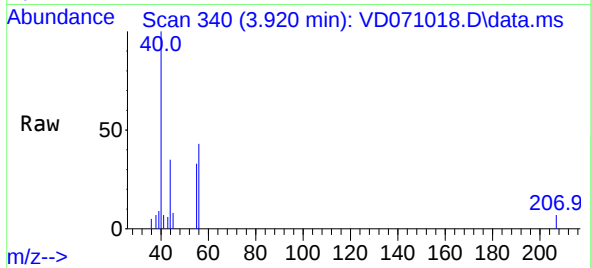
Tgt Ion: 96 Resp: 133435
Ion Ratio Lower Upper
96 100
61 164.5 120.3 180.5
98 61.6 54.4 81.6





#13
Acrolein
Concen: 56.746 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

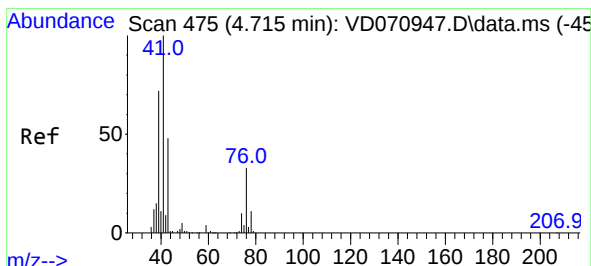
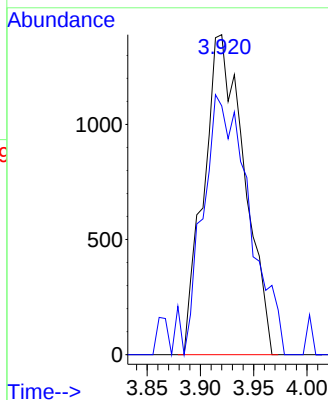
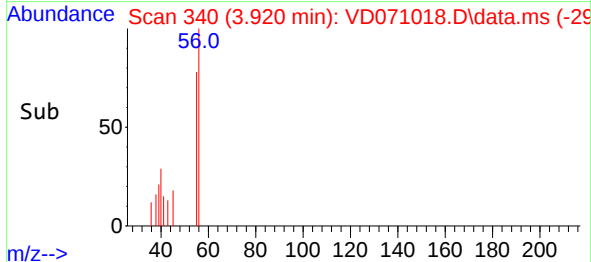
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



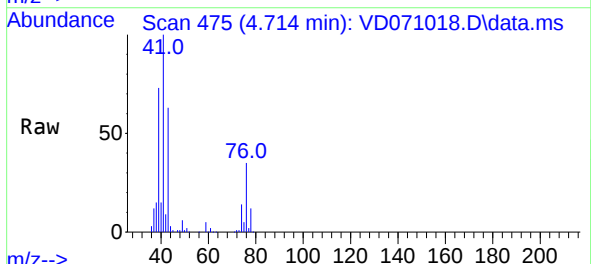
Tgt Ion: 56 Resp: 3670
Ion Ratio Lower Upper
56 100
55 93.8 58.6 87.8

Manual Integrations
APPROVED

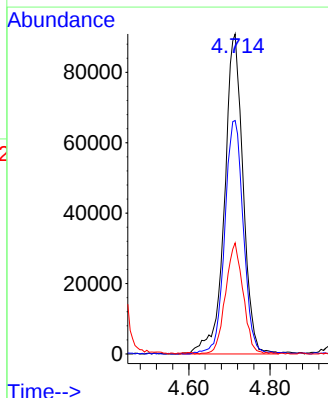
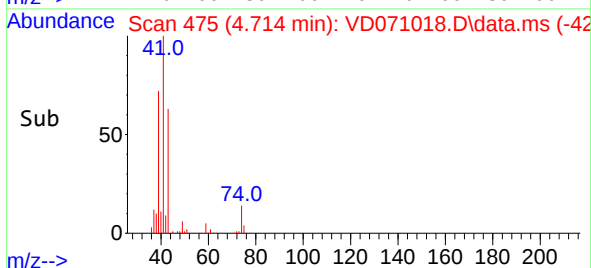
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

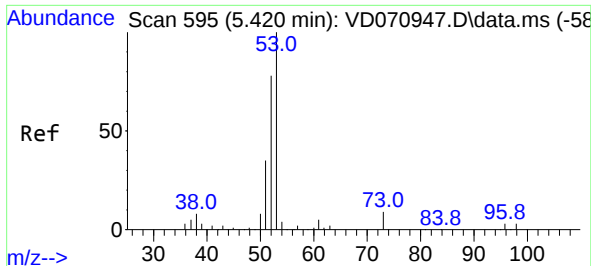


#14
Allyl chloride
Concen: 57.619 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



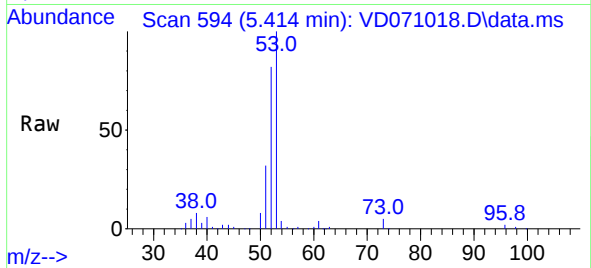
Tgt Ion: 41 Resp: 288830
Ion Ratio Lower Upper
41 100
39 73.2 45.6 68.4
76 33.0 30.2 45.4





#15
Acrylonitrile
Concen: 318.777 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

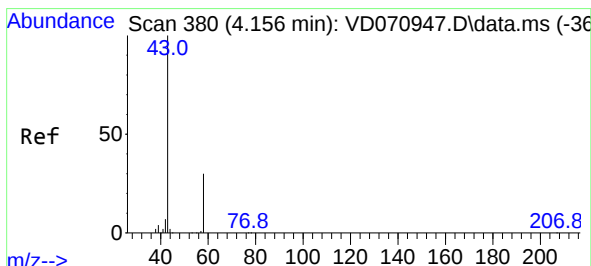
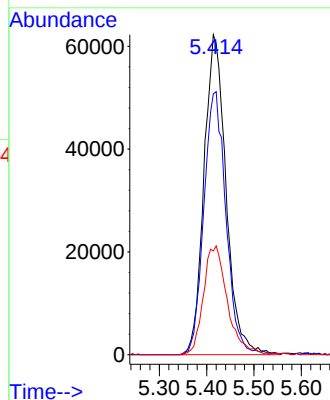
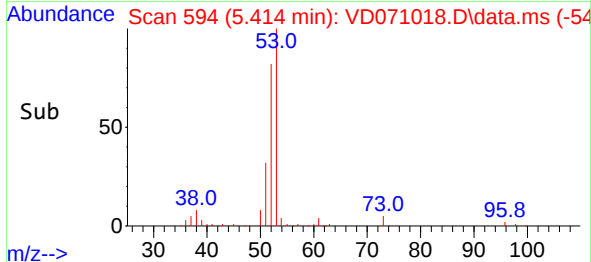
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



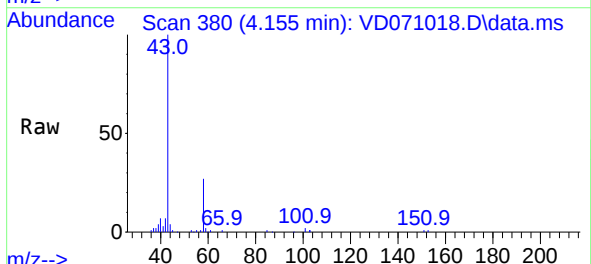
Tgt Ion: 53 Resp: 201324
Ion Ratio Lower Upper
53 100
52 82.4 63.8 95.8
51 36.9 28.5 42.7

Manual Integrations
APPROVED

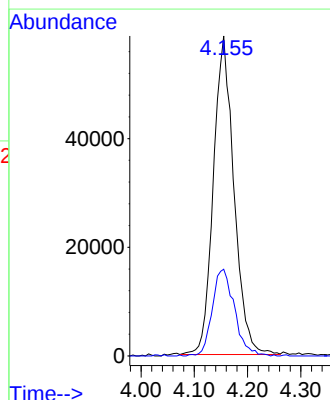
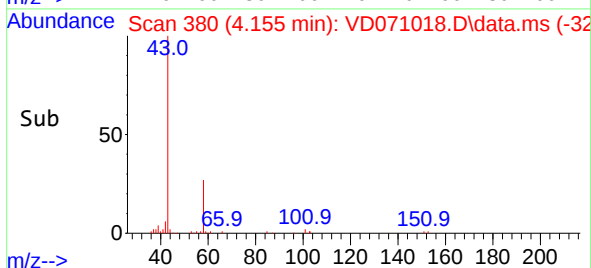
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

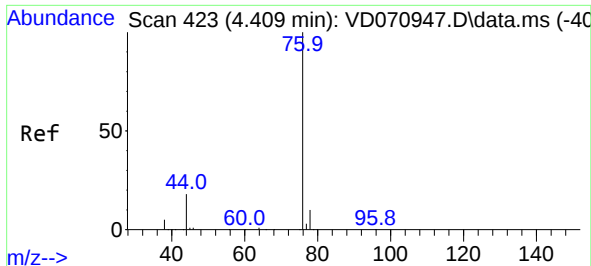


#16
Acetone
Concen: 218.419 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



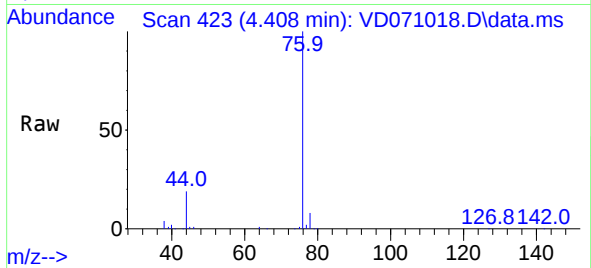
Tgt Ion: 43 Resp: 157184
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#





#17
Carbon Disulfide
Concen: 52.469 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

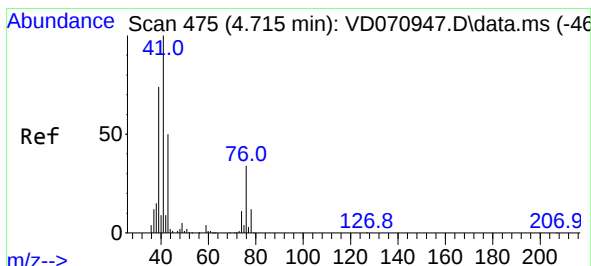
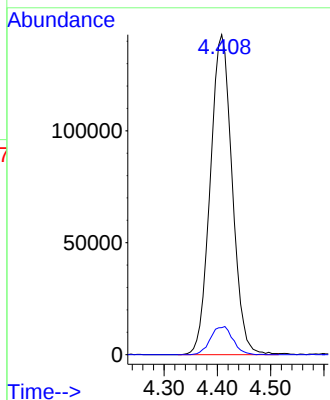
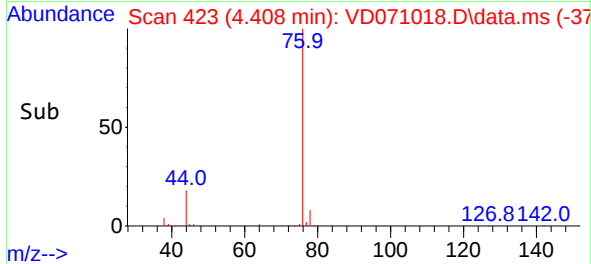
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



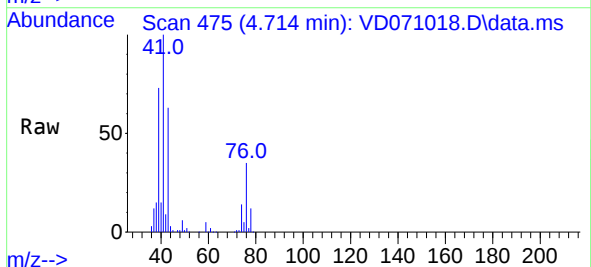
Tgt Ion: 76 Resp: 40772
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

Manual Integrations
APPROVED

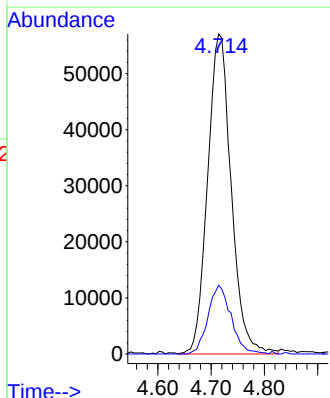
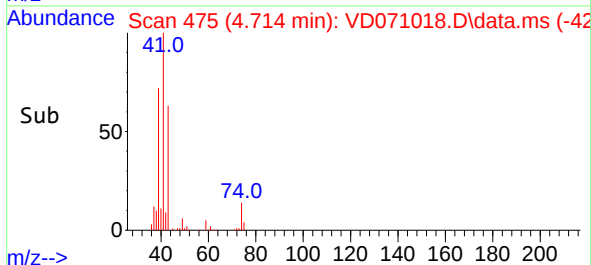
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

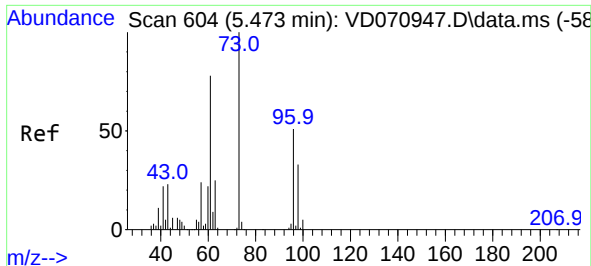


#18
Methyl Acetate
Concen: 75.882 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



Tgt Ion: 43 Resp: 175665
Ion Ratio Lower Upper
43 100
74 21.0 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 64.724 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 402108

Ion Ratio Lower Upper

73 100

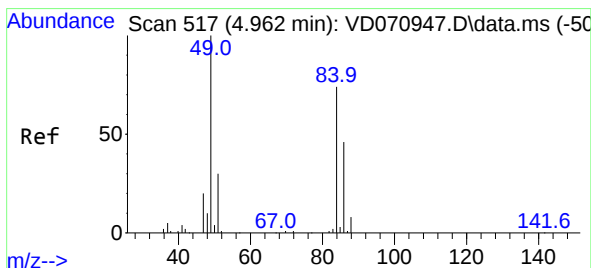
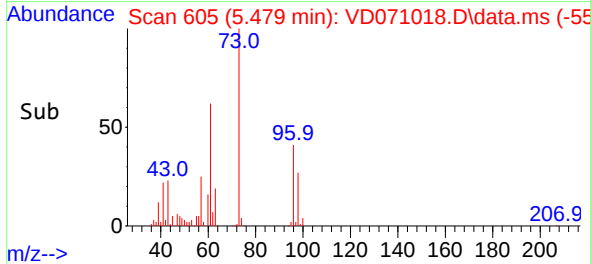
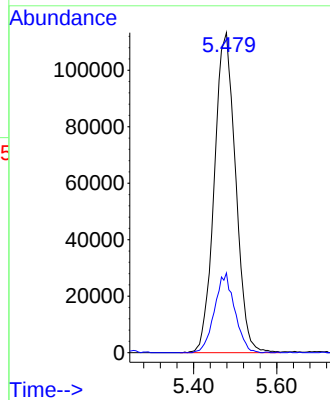
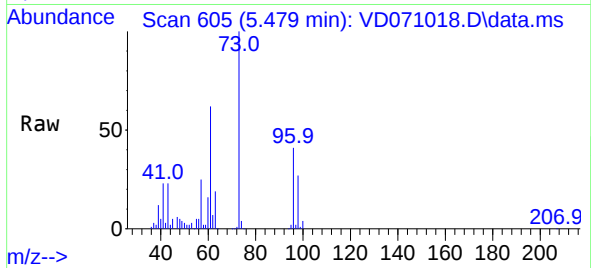
57 24.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 63.824 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Tgt Ion: 84 Resp: 195450

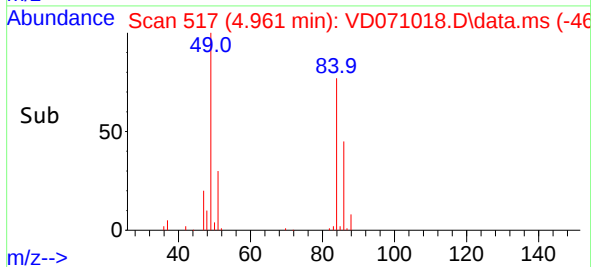
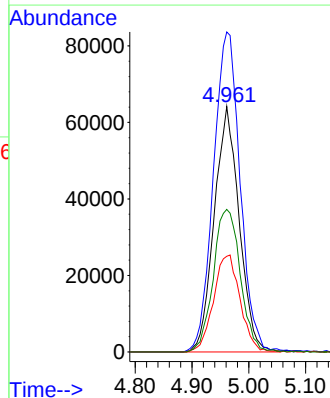
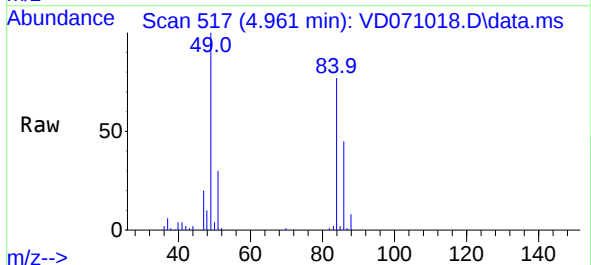
Ion Ratio Lower Upper

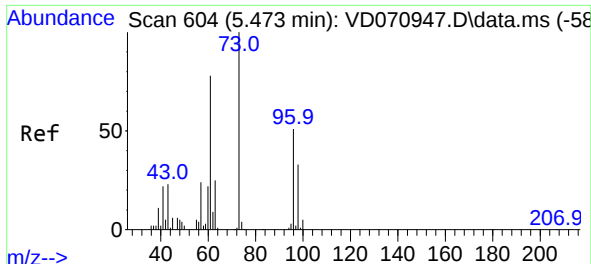
84 100

49 130.4 95.8 143.6

51 39.0 30.9 46.3

86 58.1 50.3 75.5





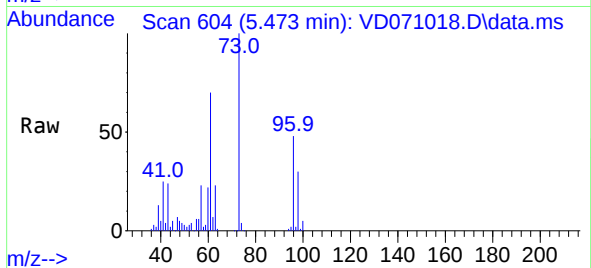
#21
trans-1,2-Dichloroethene
Concen: 58.816 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

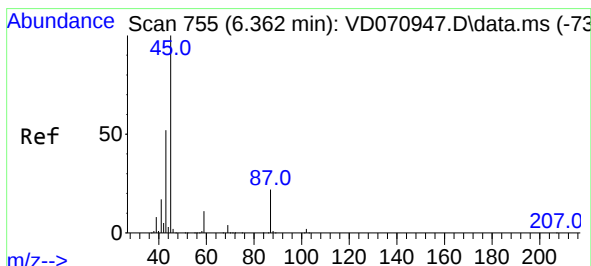
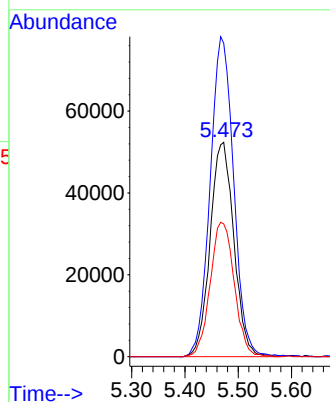
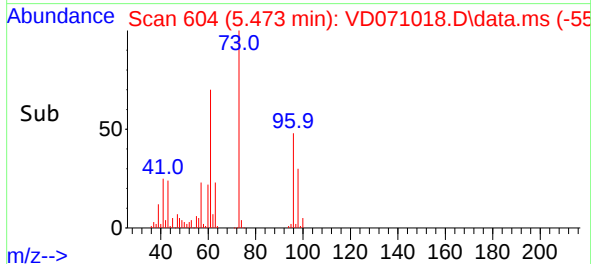


Tgt Ion: 96 Resp: 162239
Ion Ratio Lower Upper
96 100
61 146.1 102.1 153.1
98 61.9 50.1 75.1

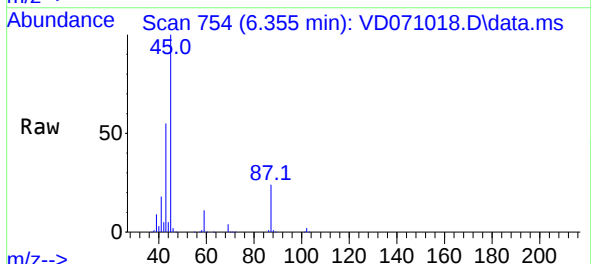
Manual Integrations

APPROVED

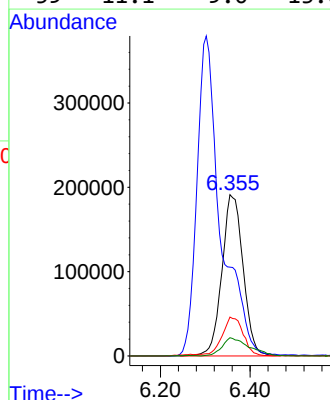
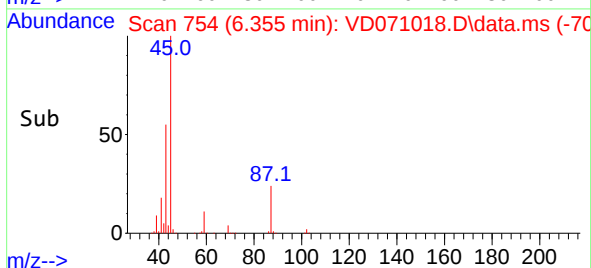
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

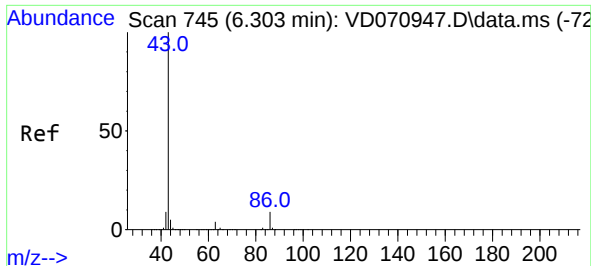


#22
Diisopropyl ether
Concen: 63.106 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



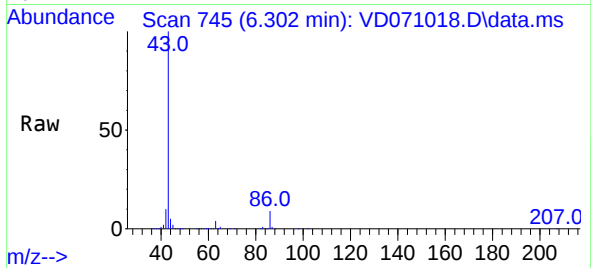
Tgt Ion: 45 Resp: 628884
Ion Ratio Lower Upper
45 100
43 54.5 39.6 59.4
87 24.0 21.2 31.8
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 262.218 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD071018.D
 Acq: 12 Nov 2021 07:31

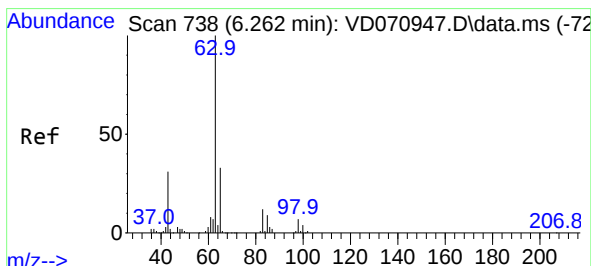
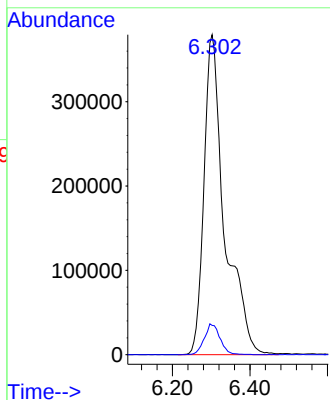
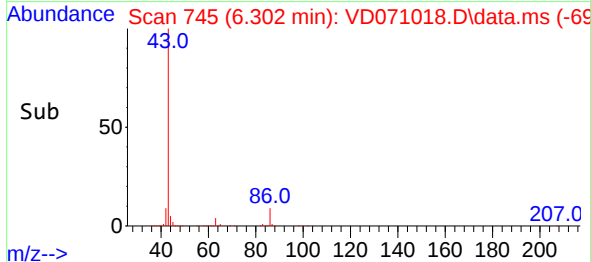
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



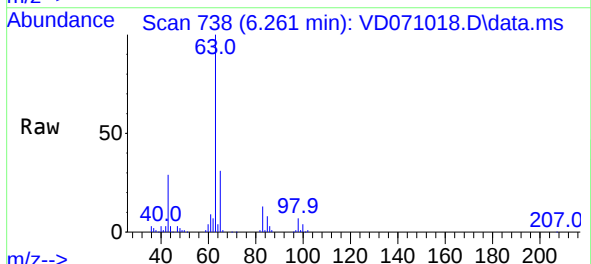
Tgt Ion: 43 Resp: 140071
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.4

Manual Integrations
 APPROVED

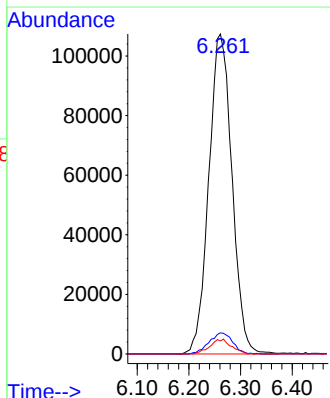
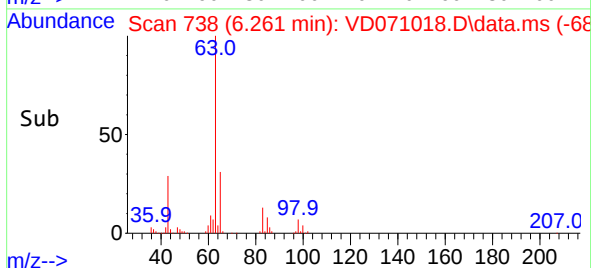
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

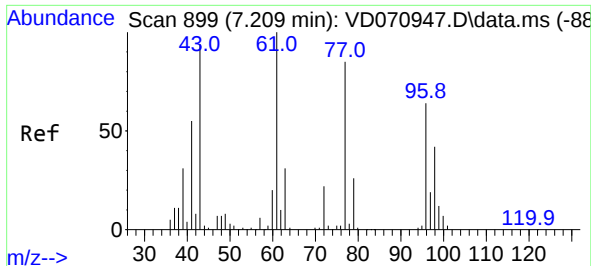


#24
 1,1-Dichloroethane
 Concen: 62.859 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071018.D
 Acq: 12 Nov 2021 07:31



Tgt Ion: 63 Resp: 334583
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.0 2.1 6.3





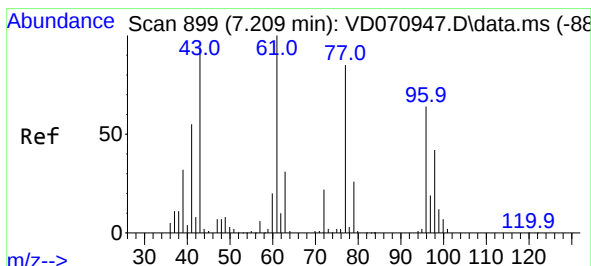
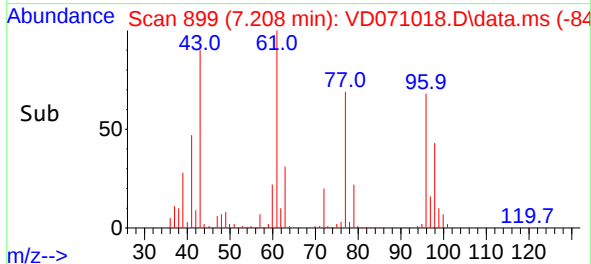
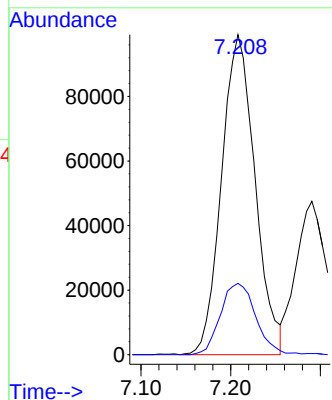
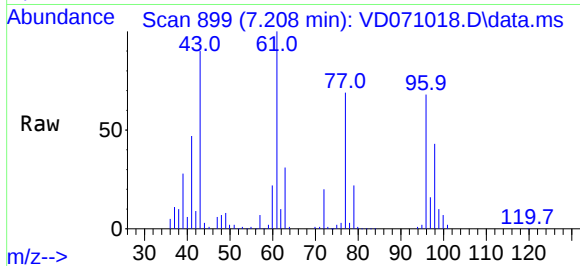
#25
2-Butanone
Concen: 271.091 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 257050
Ion Ratio Lower Upper
43 100
72 22.3 23.8 35.6

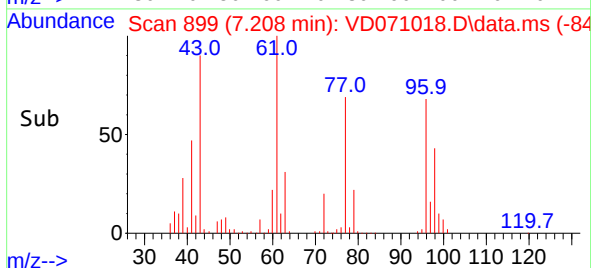
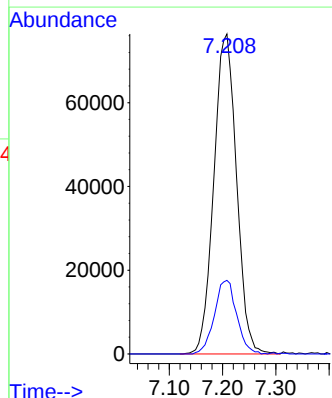
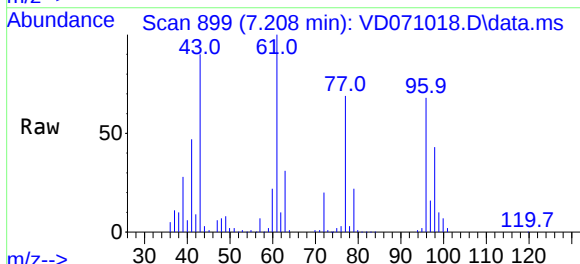
Manual Integrations
APPROVED

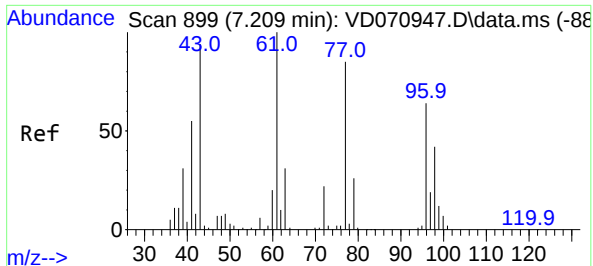
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 50.292 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

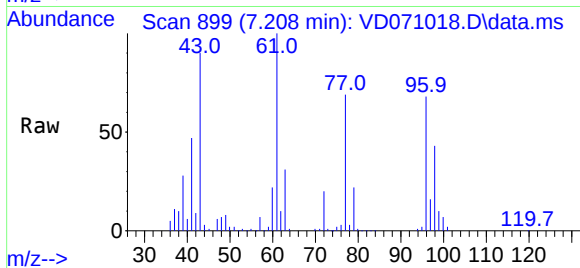
Tgt Ion: 77 Resp: 225922
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 62.499 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

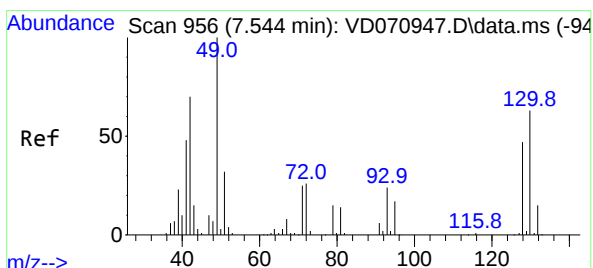
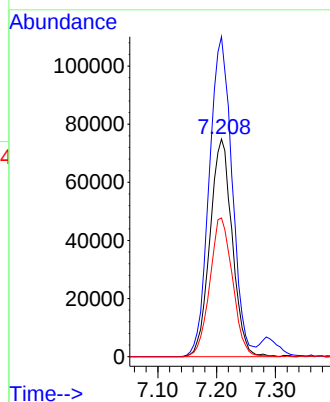
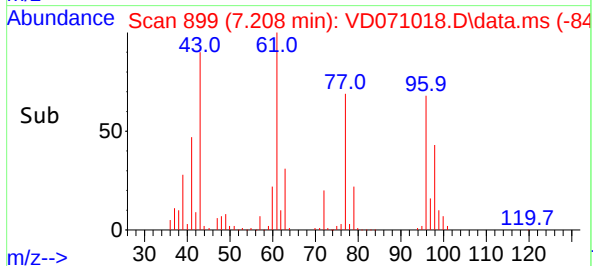
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 197070
Ion Ratio Lower Upper
96 100
61 151.0 0.0 288.6
98 65.0 0.0 129.2

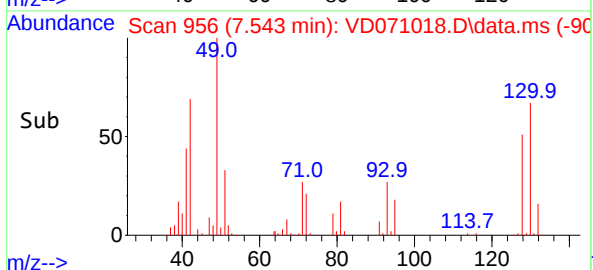
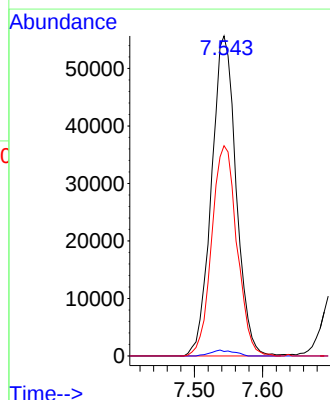
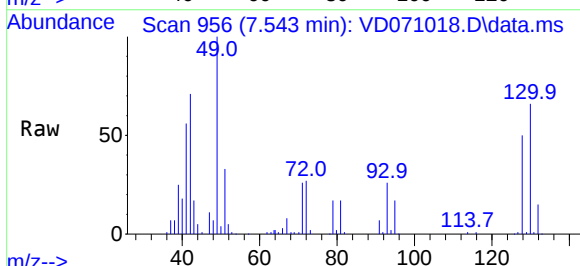
Manual Integrations
APPROVED

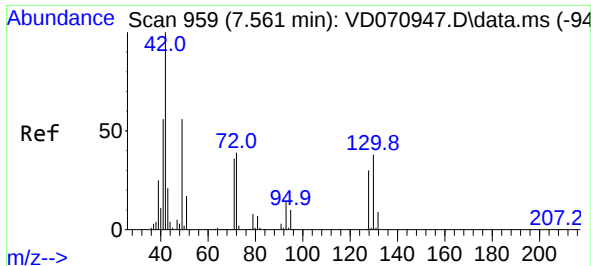
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28
Bromochloromethane
Concen: 61.990 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Tgt Ion: 49 Resp: 139948
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 67.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 314.568 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 17246

Ion Ratio Lower Upper

42 100

72 38.1 33.7 50.5

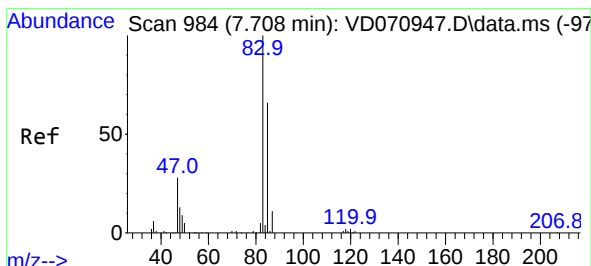
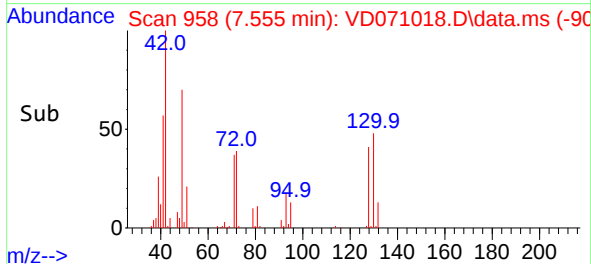
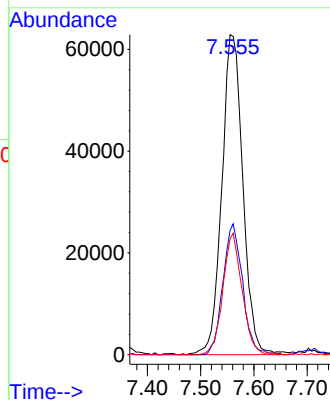
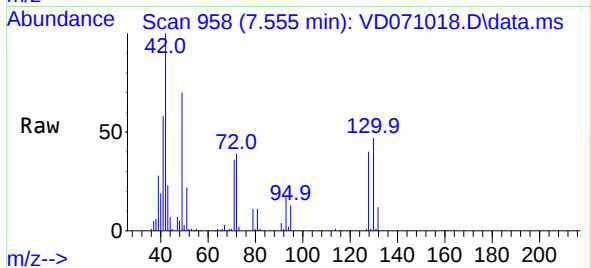
71 34.7 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 65.149 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD071018.D

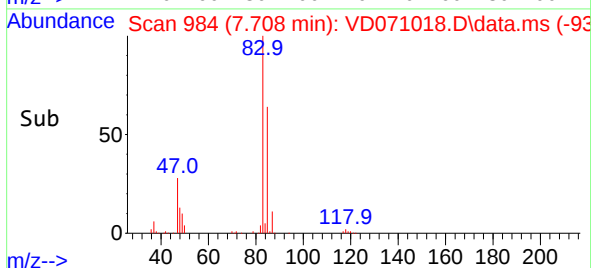
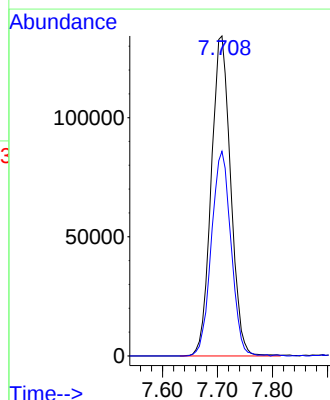
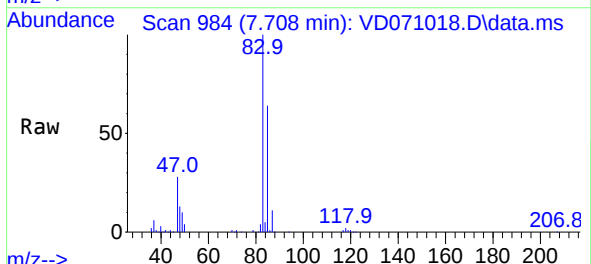
Acq: 12 Nov 2021 07:31

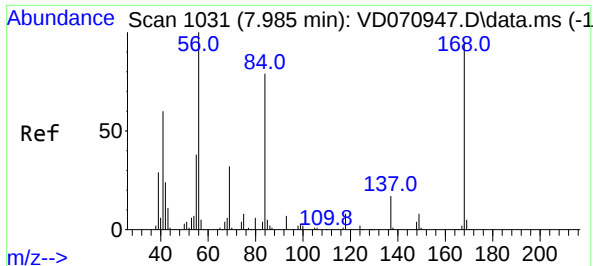
Tgt Ion: 83 Resp: 329694

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6





#31

Cyclohexane

Concen: 45.640 ug/l

RT: 7.984 min Scan# 1031

Delta R.T. -0.001 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 25326

Ion Ratio Lower Upper

56 100

69 34.4 25.9 38.9

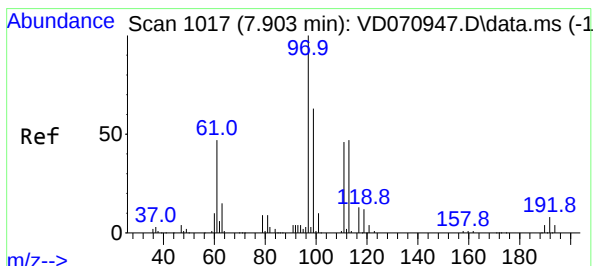
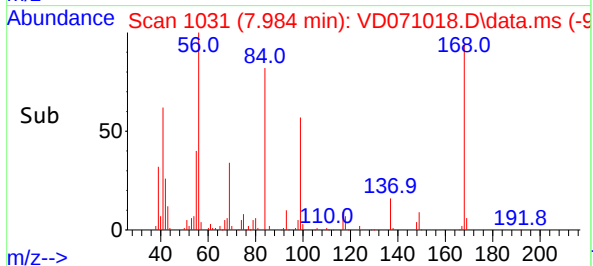
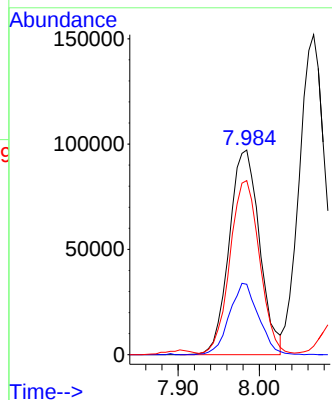
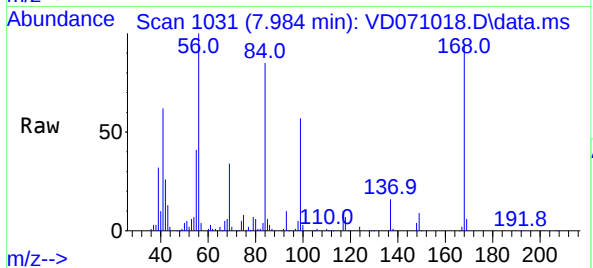
84 82.7 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 61.194 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

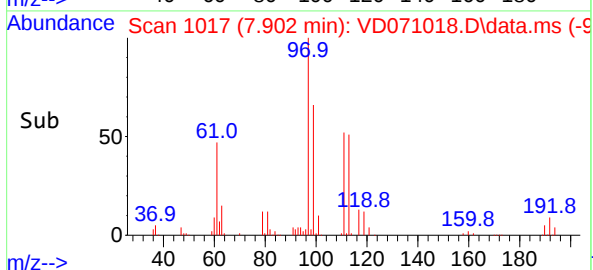
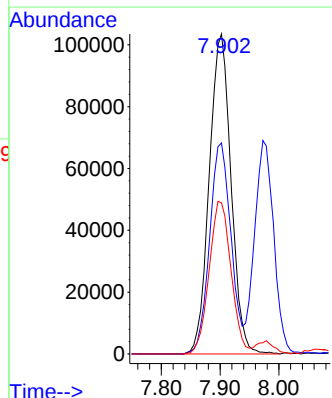
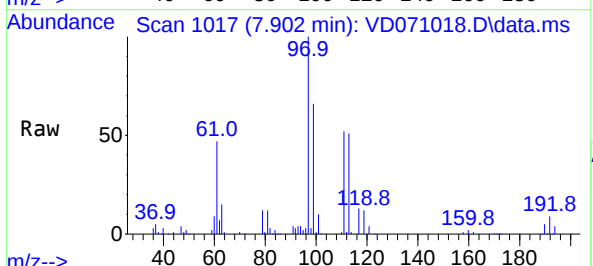
Tgt Ion: 97 Resp: 265972

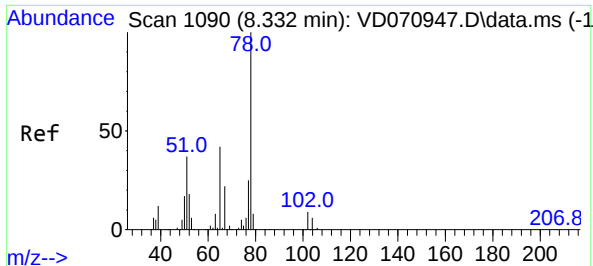
Ion Ratio Lower Upper

97 100

99 64.6 50.3 75.5

61 48.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 59.721 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16114

Ion Ratio Lower Upper

65 100

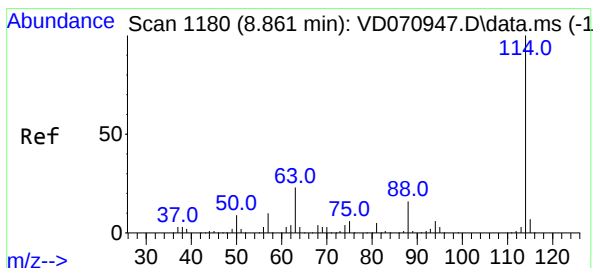
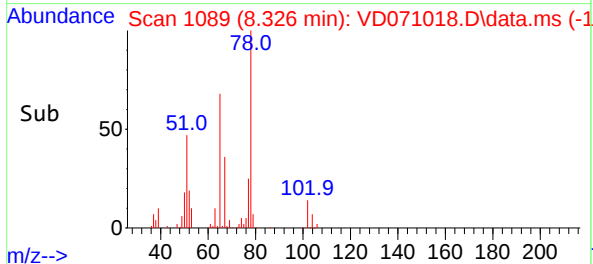
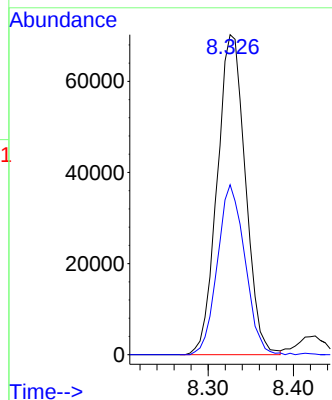
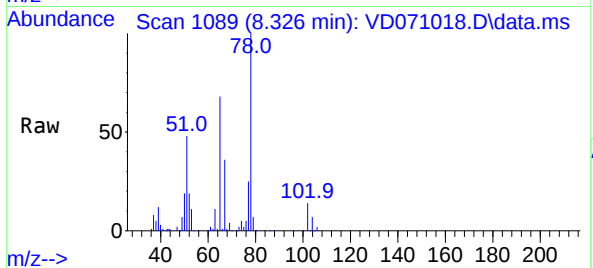
67 51.9 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

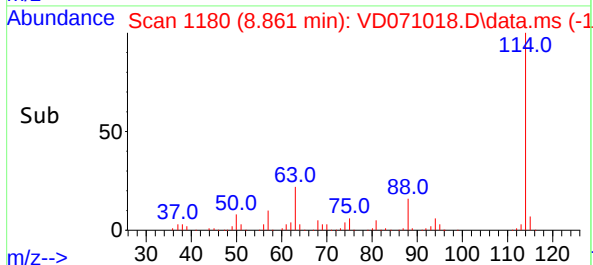
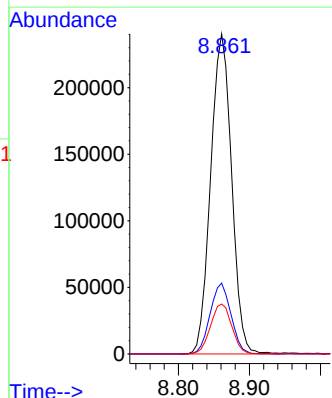
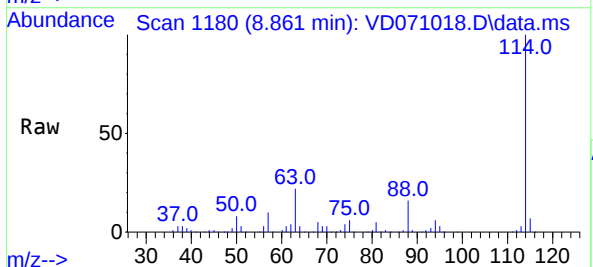
Tgt Ion:114 Resp: 491743

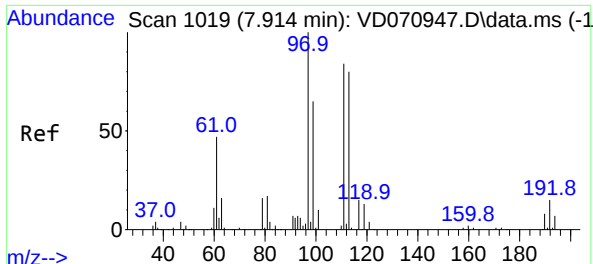
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

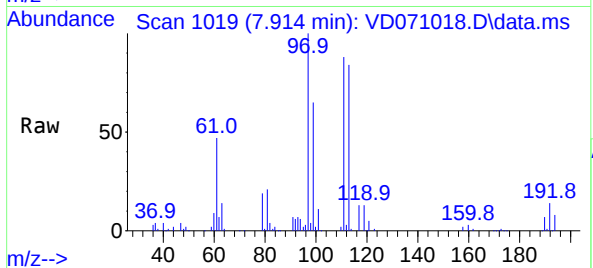
88 15.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.594 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

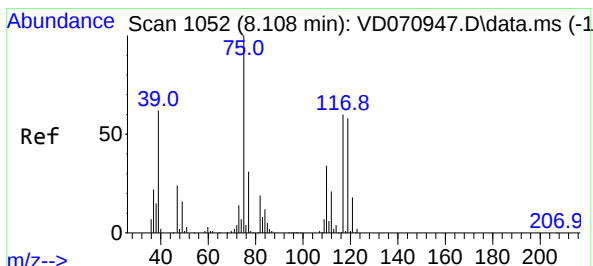
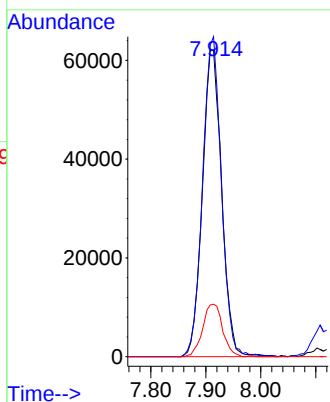
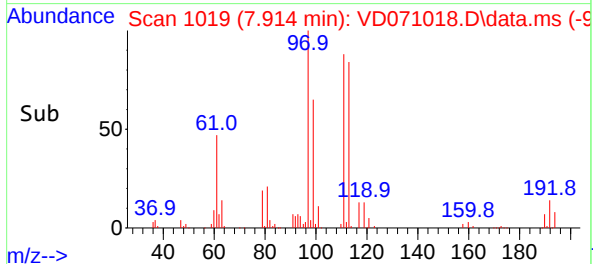
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



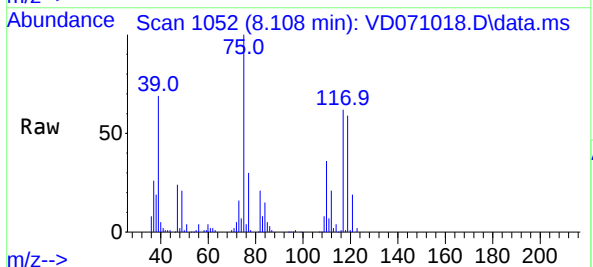
Tgt Ion:113 Resp: 151488
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 17.7 15.2 22.8

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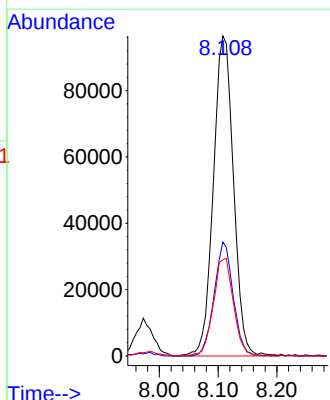
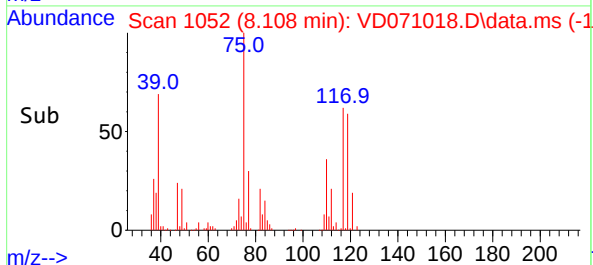
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

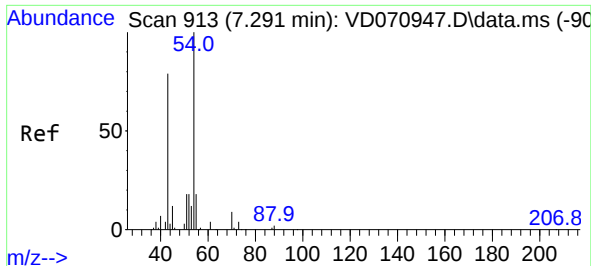


#36
1,1-Dichloropropene
Concen: 52.270 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



Tgt Ion: 75 Resp: 229491
Ion Ratio Lower Upper
75 100
110 33.6 17.8 53.4
77 30.4 24.8 37.2





#37

Ethyl Acetate

Concen: 58.875 ug/l

RT: 7.290 min Scan# 913

Delta R.T. -0.001 min

Lab File: VD071018.D

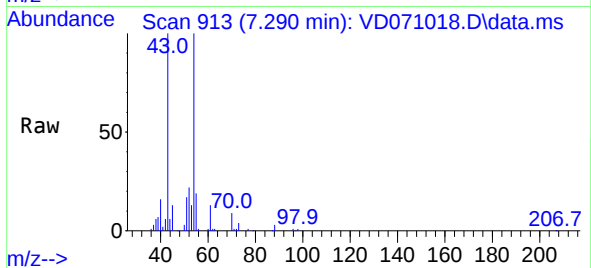
Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 117934

Ion Ratio Lower Upper

43 100

61 11.6 13.0 19.6

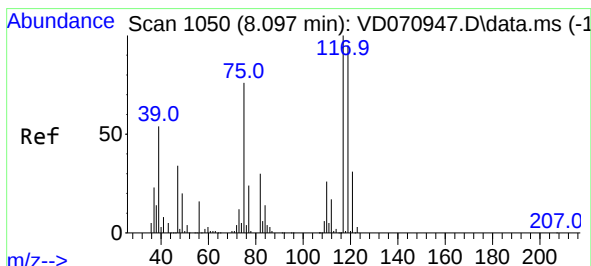
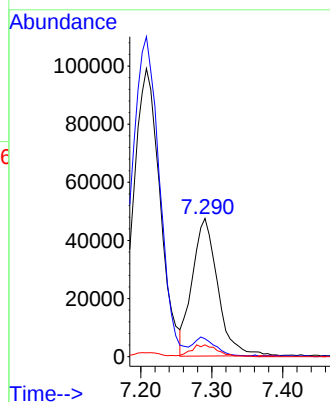
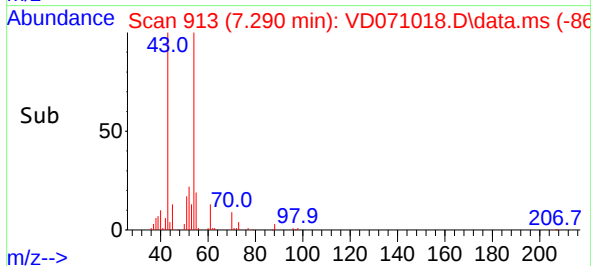
70 8.9 8.7 13.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 52.495 ug/l

RT: 8.090 min Scan# 1049

Delta R.T. -0.007 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

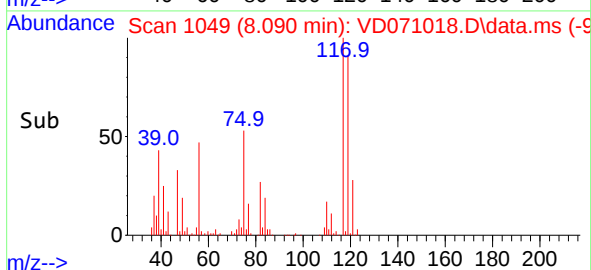
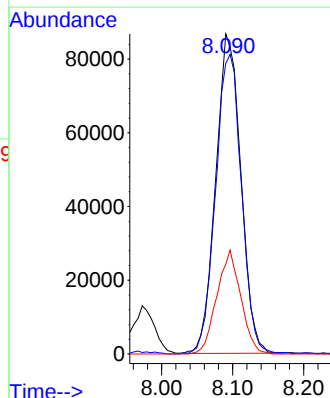
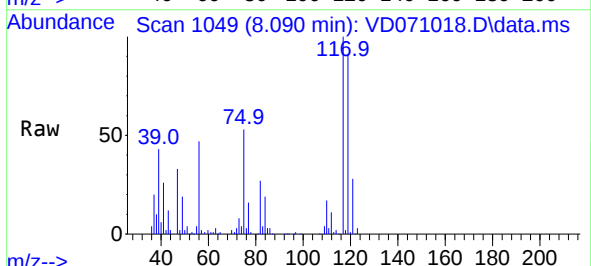
Tgt Ion:117 Resp: 212250

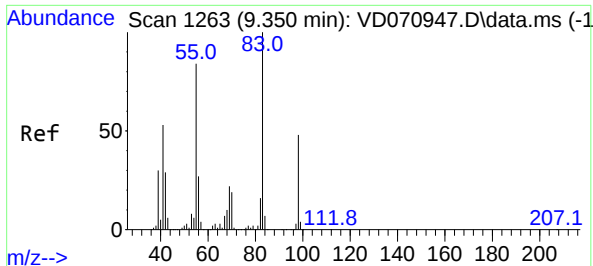
Ion Ratio Lower Upper

117 100

119 91.1 75.8 113.6

121 28.1 23.6 35.4





#39

Methylcyclohexane

Concen: 44.173 ug/l

RT: 9.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD071018.D

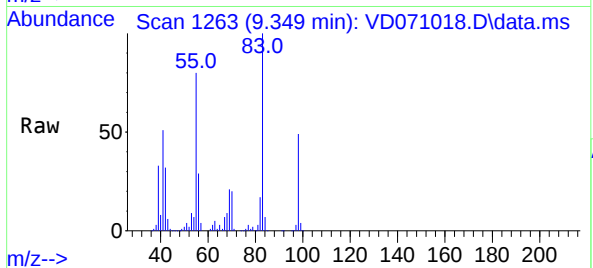
Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 250479

Ion Ratio Lower Upper

83 100

55 80.1 65.8 98.8

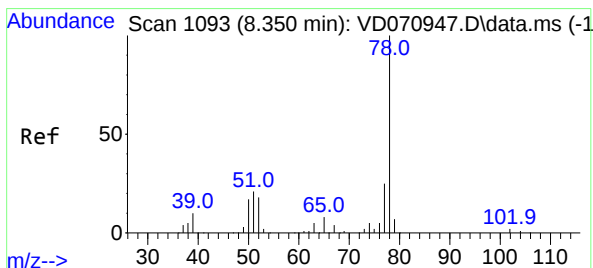
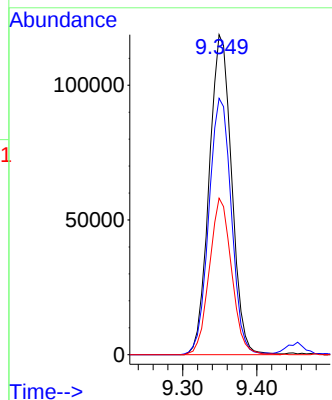
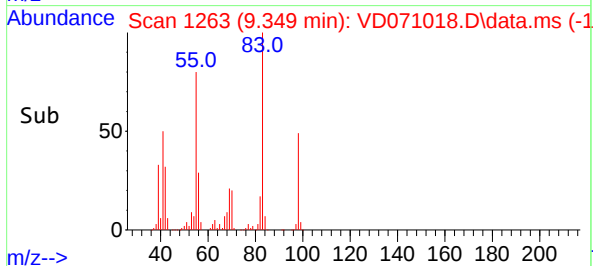
98 48.9 38.7 58.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 56.827 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD071018.D

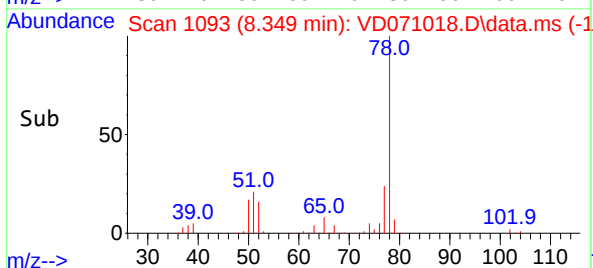
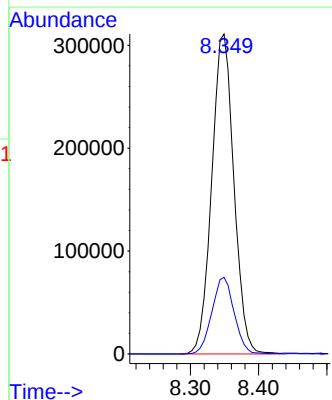
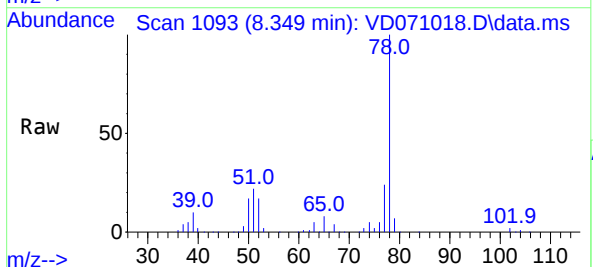
Acq: 12 Nov 2021 07:31

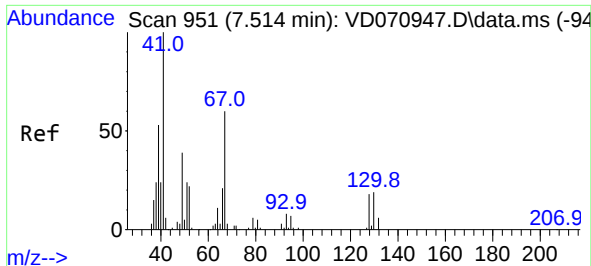
Tgt Ion: 78 Resp: 702647

Ion Ratio Lower Upper

78 100

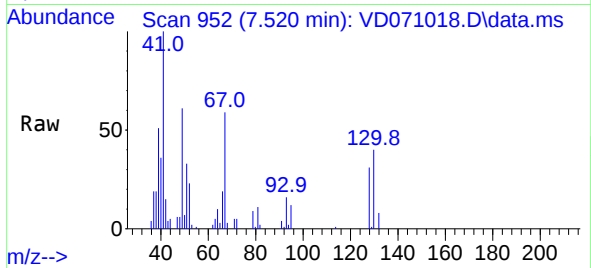
77 24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 50.628 ug/l
RT: 7.520 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

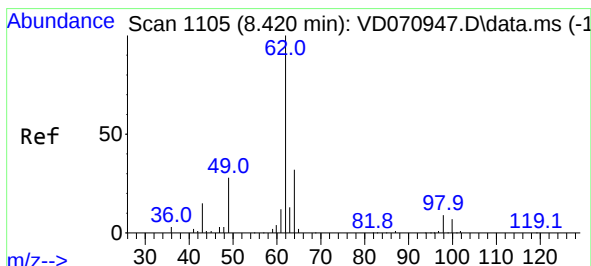
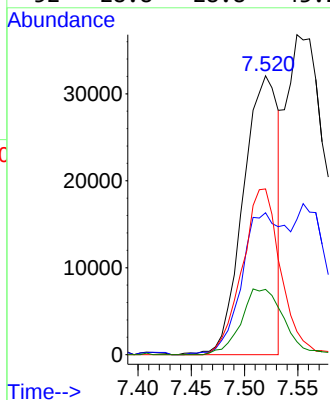
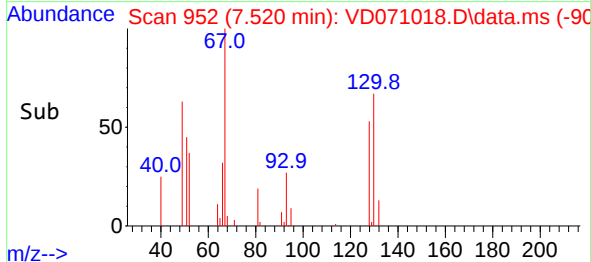
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 72770
Ion Ratio Lower Upper
41 100
39 66.8 60.2 90.4
67 65.8 74.8 112.2
52 28.8 28.8 43.2

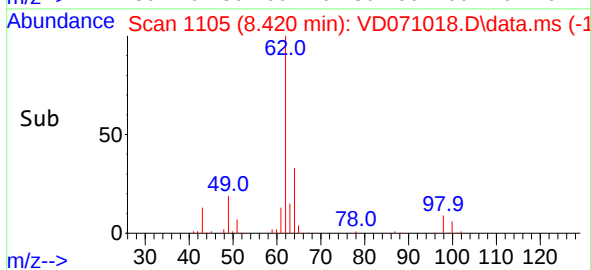
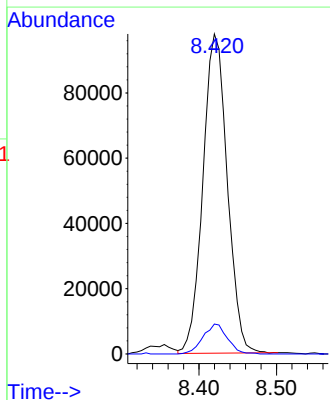
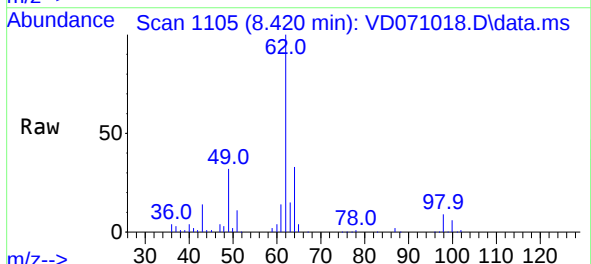
Manual Integrations
APPROVED

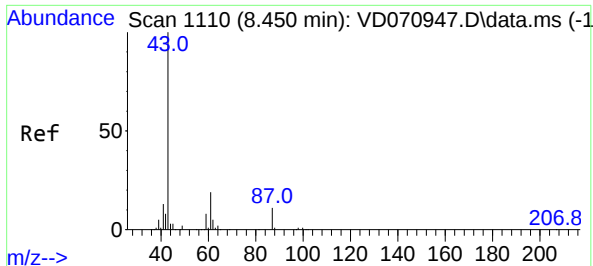
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 61.144 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

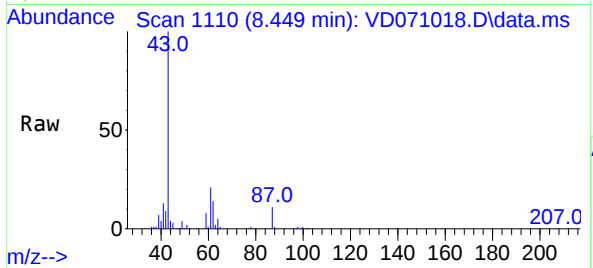
Tgt Ion: 62 Resp: 214138
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 56.680 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

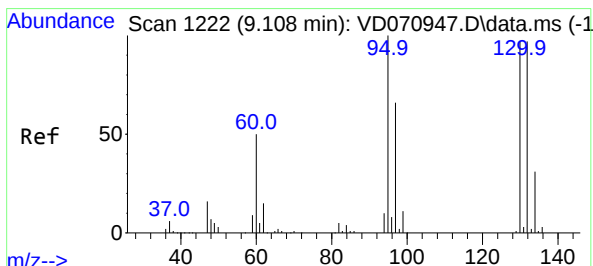
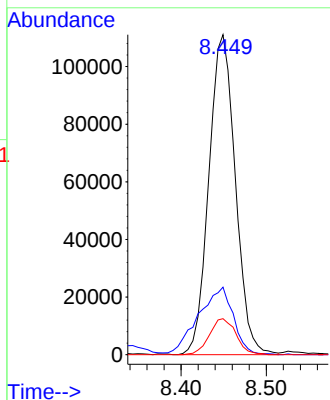
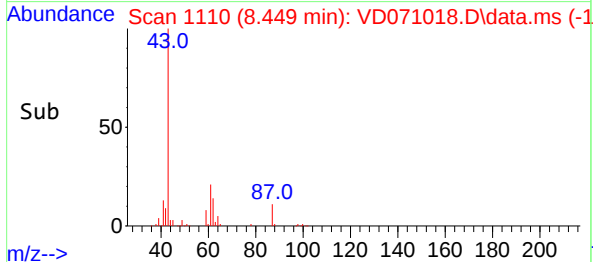
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24028
Ion Ratio Lower Upper
43 100
61 27.9 28.2 42.4
87 11.3 10.7 16.1

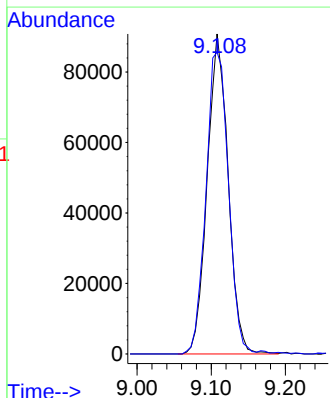
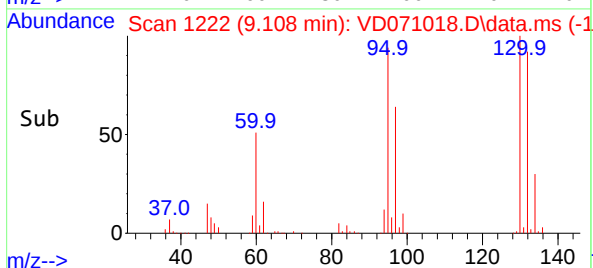
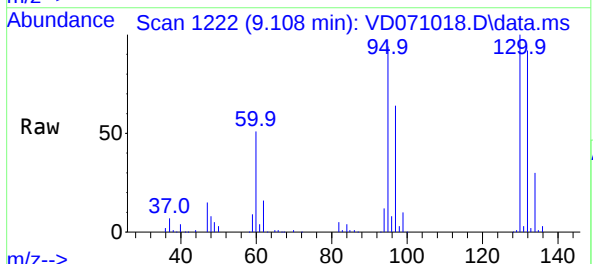
Manual Integrations
APPROVED

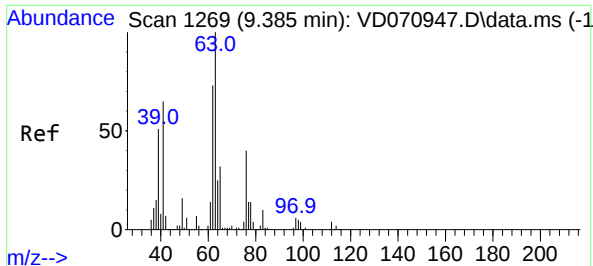
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 55.887 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

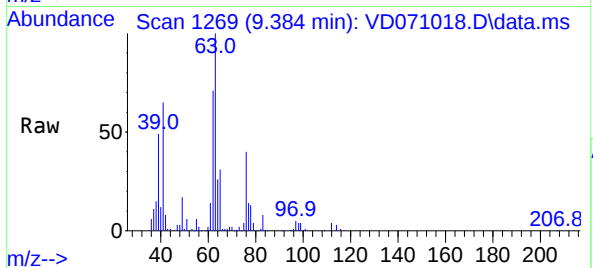
Tgt Ion:130 Resp: 178116
Ion Ratio Lower Upper
130 100
95 94.3 0.0 193.2





#45
1,2-Dichloropropane
Concen: 56.628 ug/l
RT: 9.384 min Scan# 1269
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

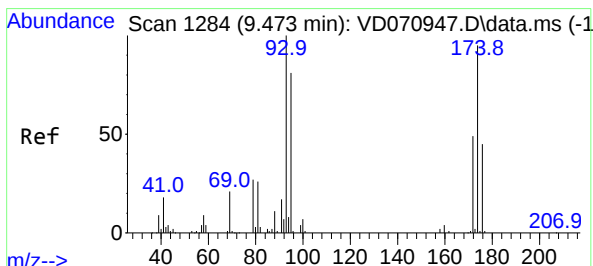
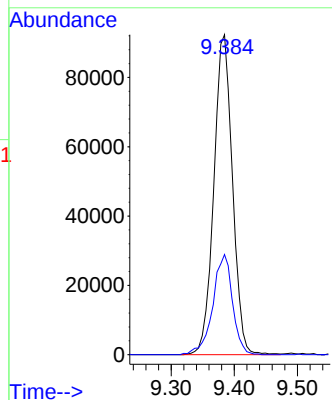
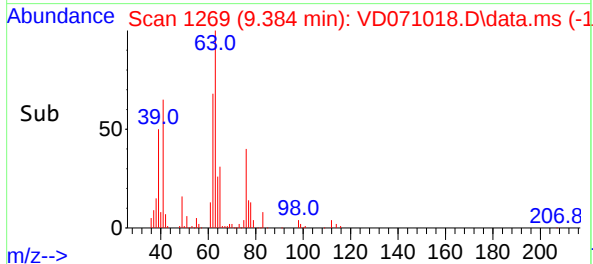
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



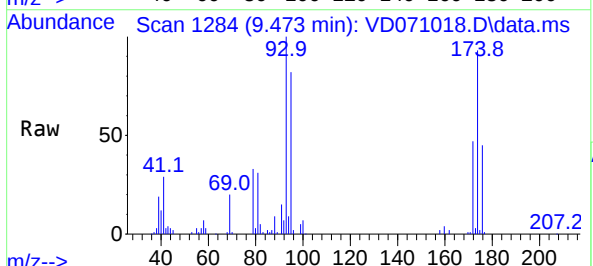
Tgt Ion: 63 Resp: 18935
Ion Ratio Lower Upper
63 100
65 31.3 24.2 36.2

Manual Integrations
APPROVED

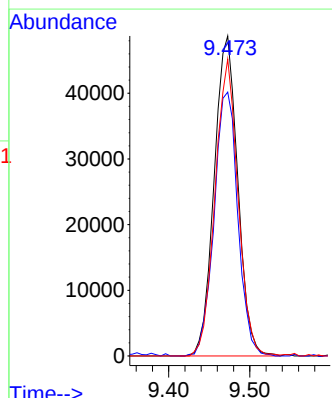
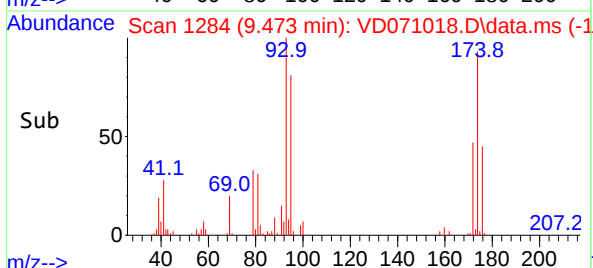
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

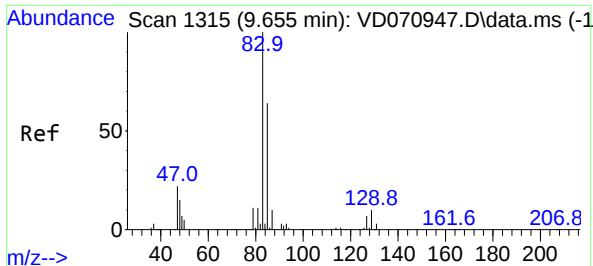


#46
Dibromomethane
Concen: 61.762 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



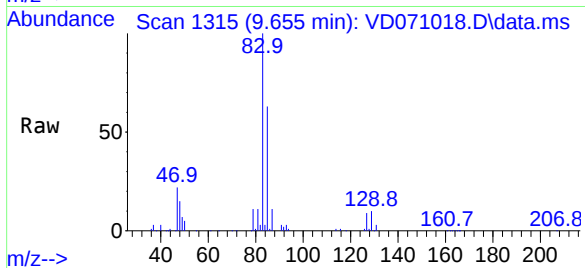
Tgt Ion: 93 Resp: 98302
Ion Ratio Lower Upper
93 100
95 82.9 66.1 99.1
174 90.3 78.6 117.8





#47
Bromodichloromethane
Concen: 59.722 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

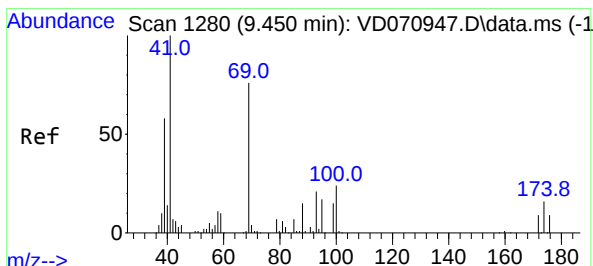
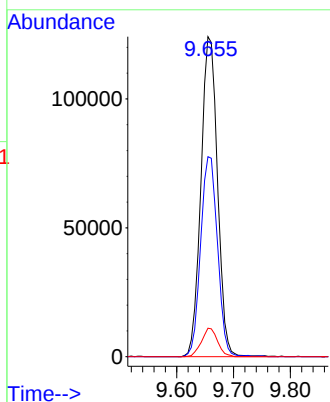
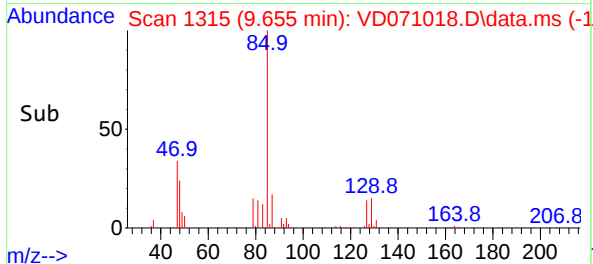
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



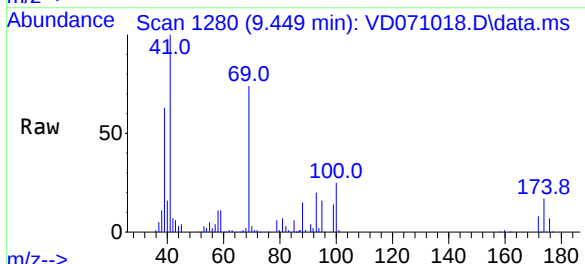
Tgt Ion: 83 Resp: 251424
Ion Ratio Lower Upper
83 100
85 62.5 50.0 75.0
127 8.9 7.3 10.9

Manual Integrations
APPROVED

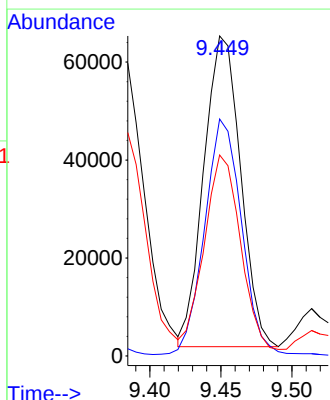
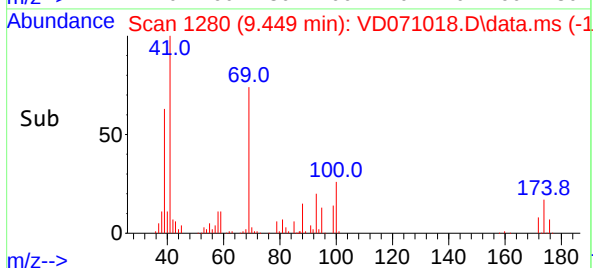
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

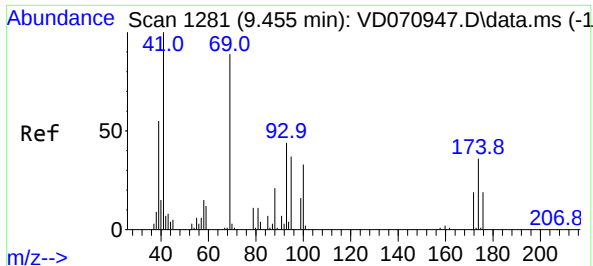


#48
Methyl methacrylate
Concen: 54.940 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



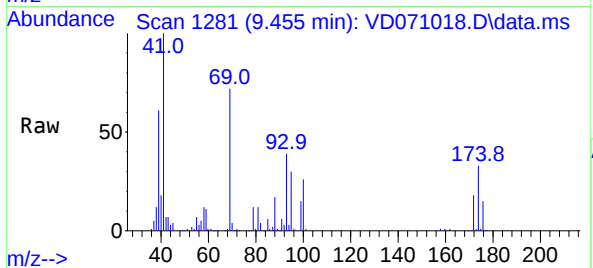
Tgt Ion: 41 Resp: 114255
Ion Ratio Lower Upper
41 100
69 76.9 69.8 104.6
39 66.0 35.6 53.4





#49
1,4-Dioxane
Concen: 1146.609 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

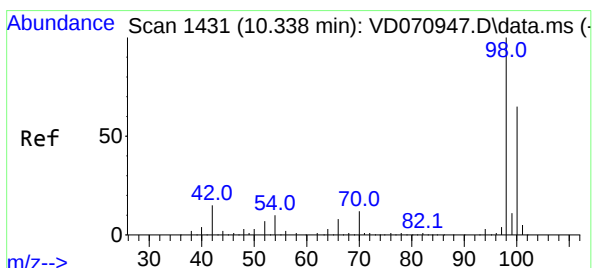
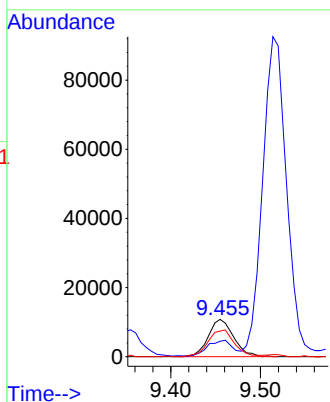
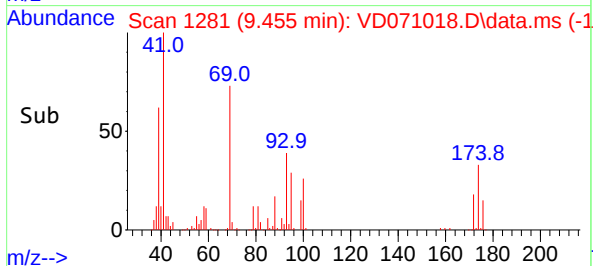
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 21145
Ion Ratio Lower Upper
88 100
43 41.8 28.9 43.3
58 74.0 56.3 84.5

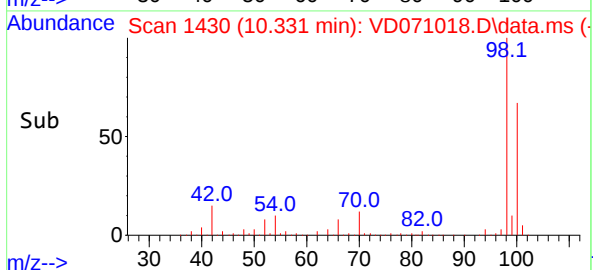
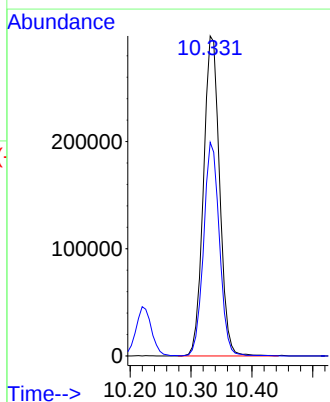
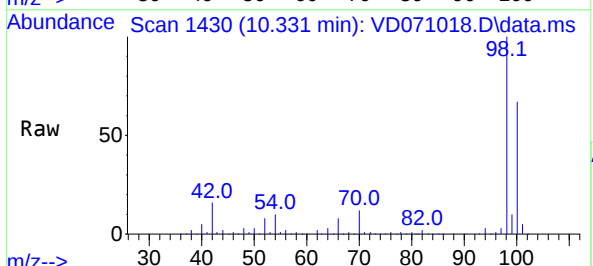
Manual Integrations
APPROVED

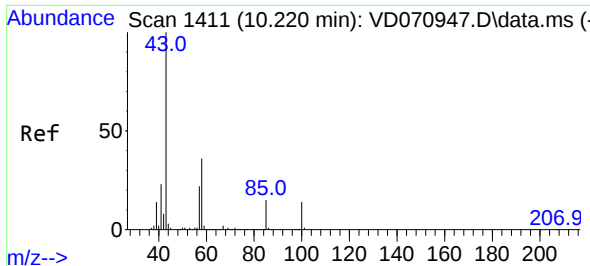
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 50.524 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.007 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

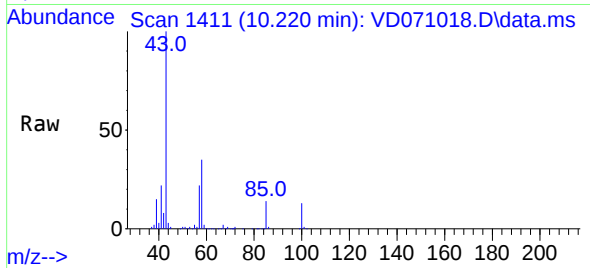
Tgt Ion: 98 Resp: 549037
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 299.343 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

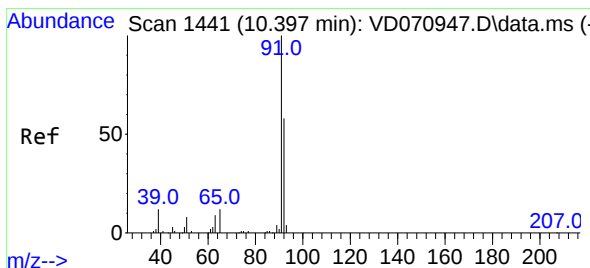
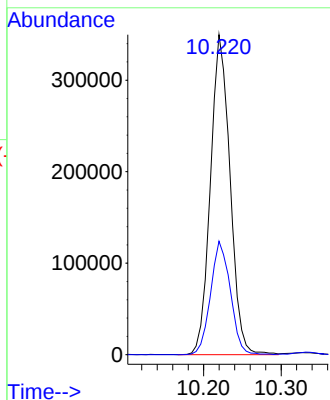
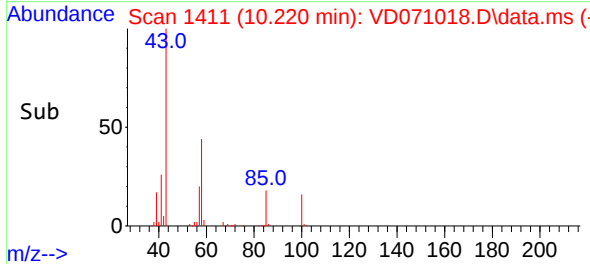
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



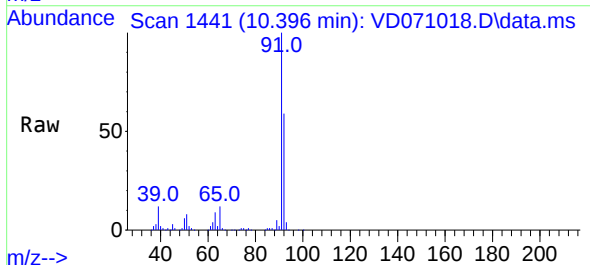
Tgt Ion: 43 Resp: 615229
Ion Ratio Lower Upper
43 100
58 35.7 33.1 49.7

Manual Integrations
APPROVED

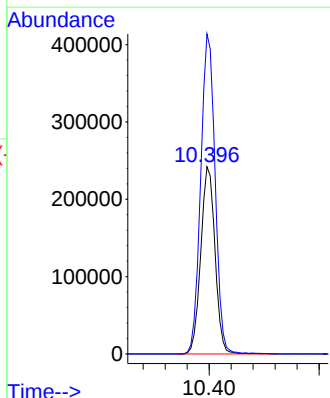
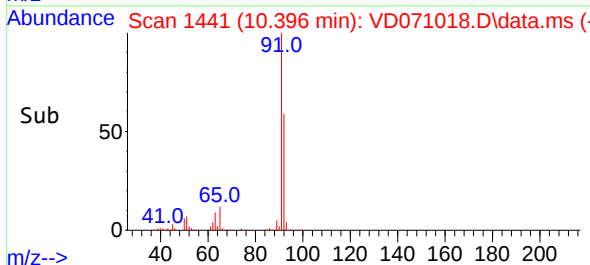
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

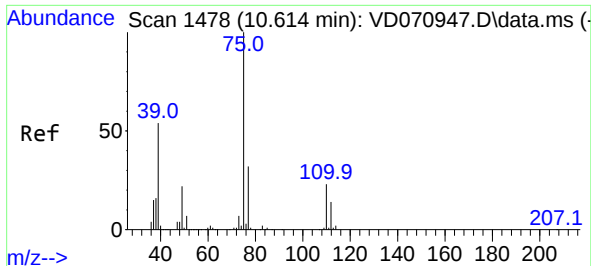


#52
Toluene
Concen: 55.913 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



Tgt Ion: 92 Resp: 435799
Ion Ratio Lower Upper
92 100
91 172.7 140.7 211.1





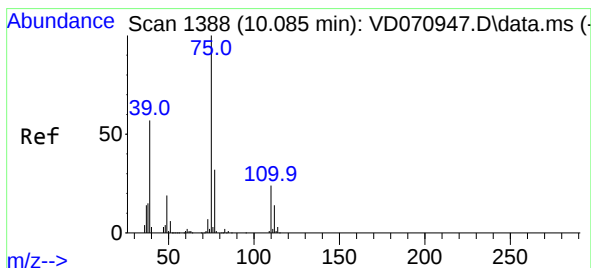
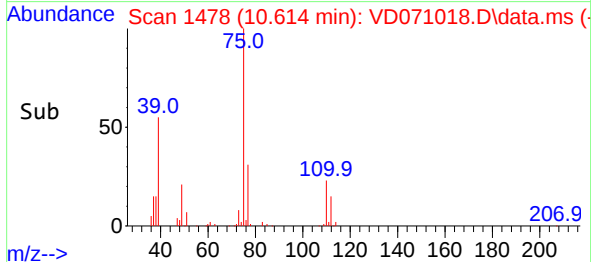
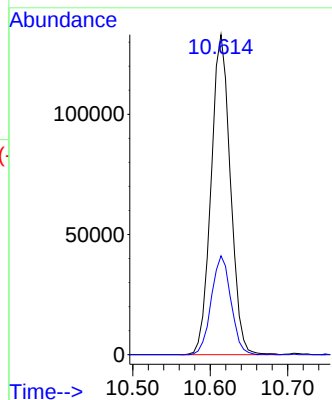
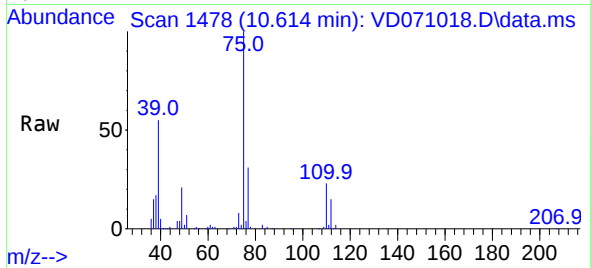
#53
t-1,3-Dichloropropene
Concen: 54.316 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 230592
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7

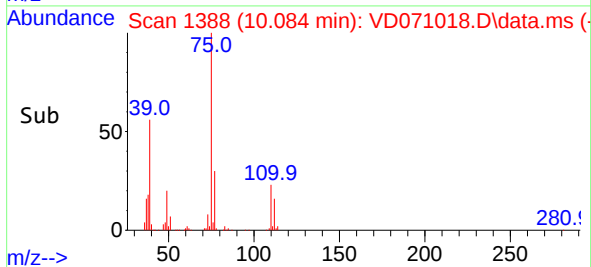
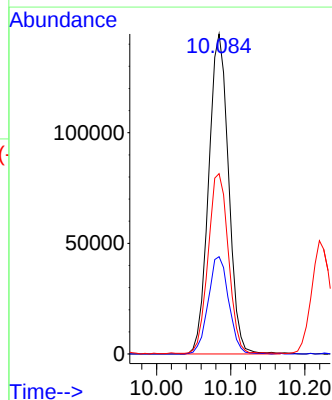
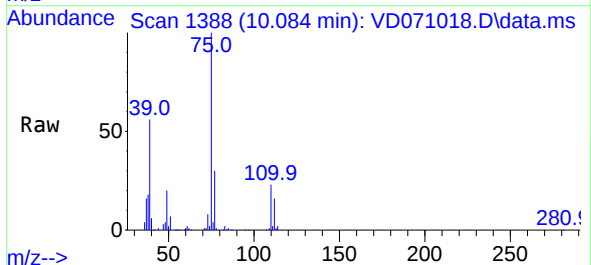
Manual Integrations
APPROVED

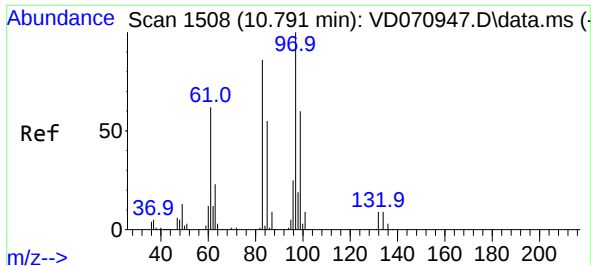
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 53.866 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

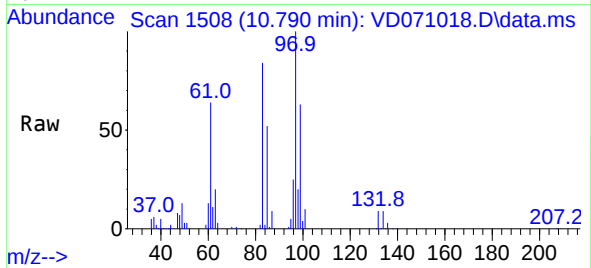
Tgt Ion: 75 Resp: 269661
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6
39 56.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 59.841 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

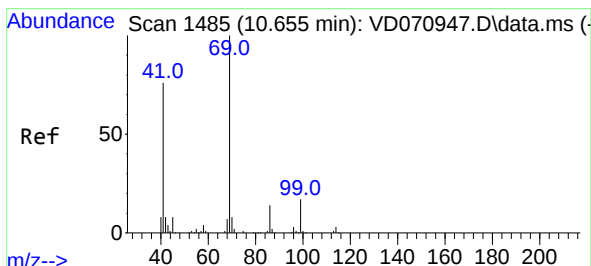
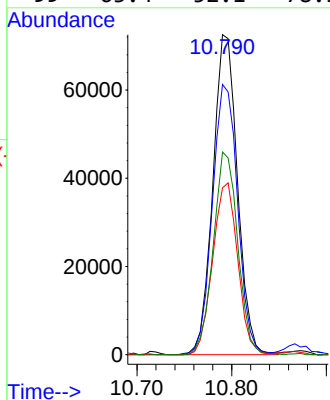
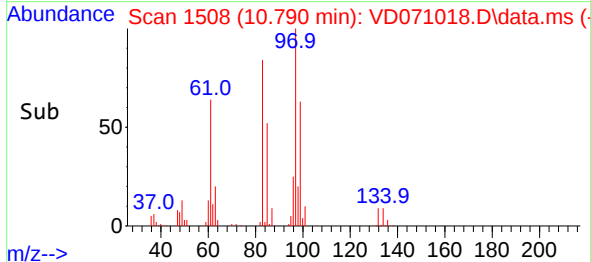
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



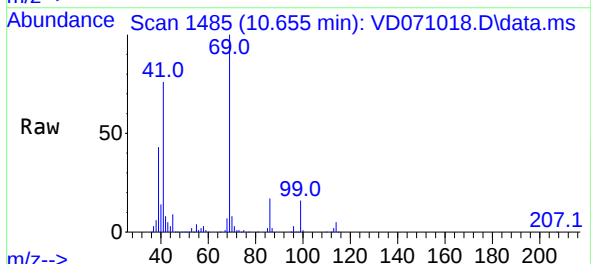
Tgt Ion: 97 Resp: 130908
Ion Ratio Lower Upper
97 100
83 84.4 65.2 97.8
85 52.2 43.4 65.0
99 63.4 52.1 78.1

Manual Integrations
APPROVED

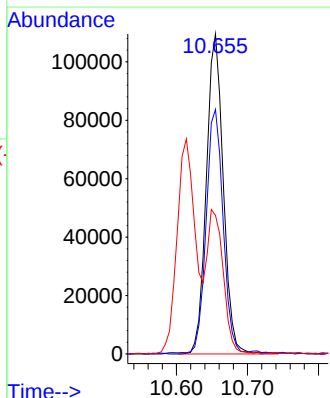
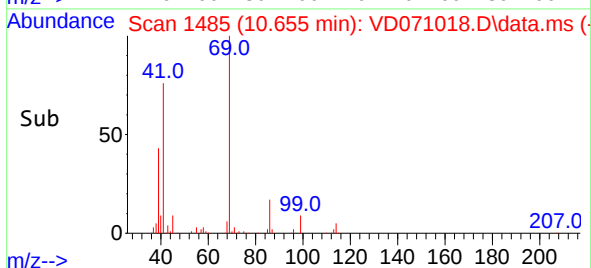
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

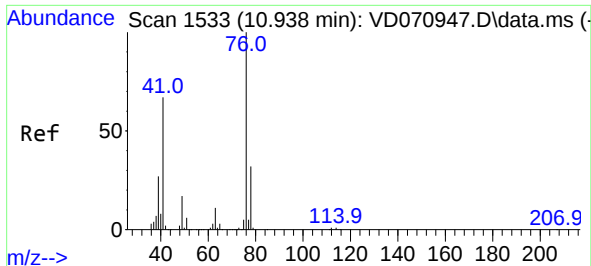


#56
Ethyl methacrylate
Concen: 58.579 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



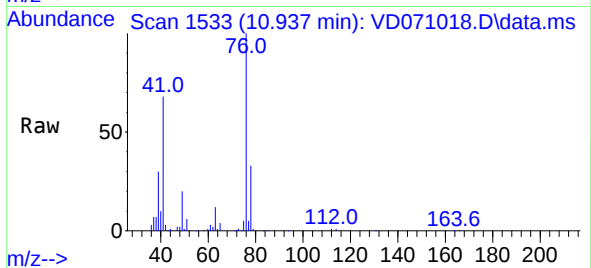
Tgt Ion: 69 Resp: 181310
Ion Ratio Lower Upper
69 100
41 75.5 50.2 75.2#
39 42.7 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 59.201 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

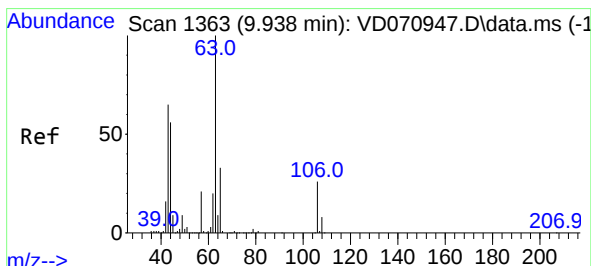
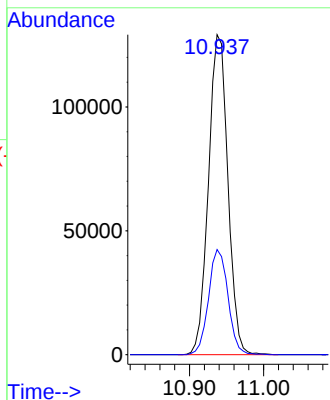
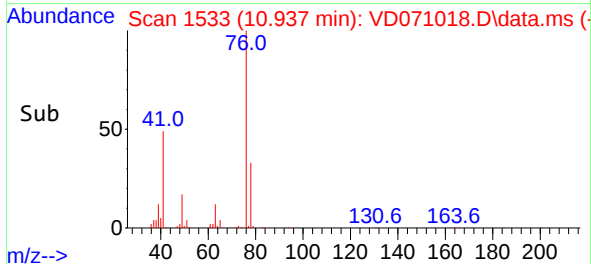
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



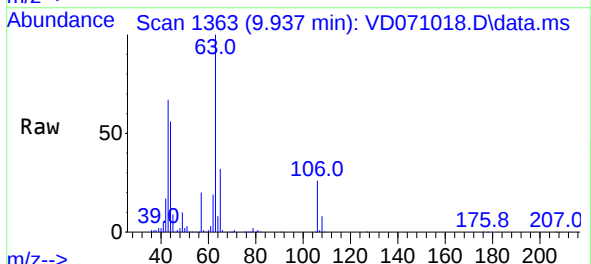
Tgt Ion: 76 Resp: 23517
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

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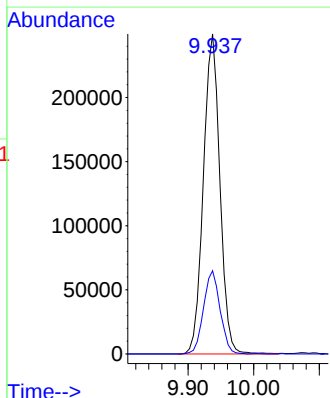
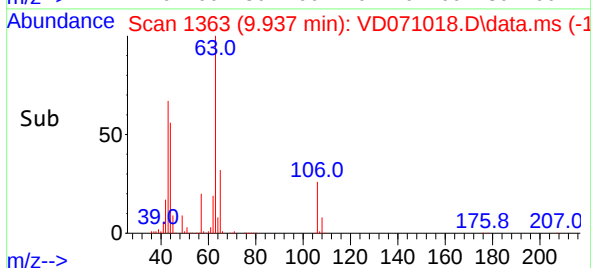
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

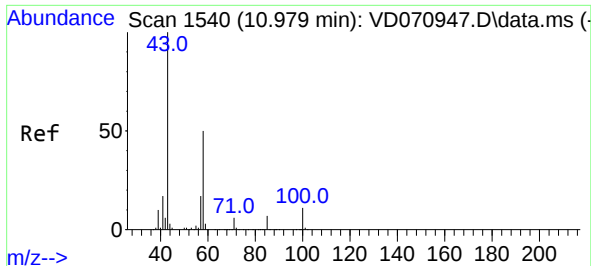


#58
2-Chloroethyl Vinyl ether
Concen: 271.767 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



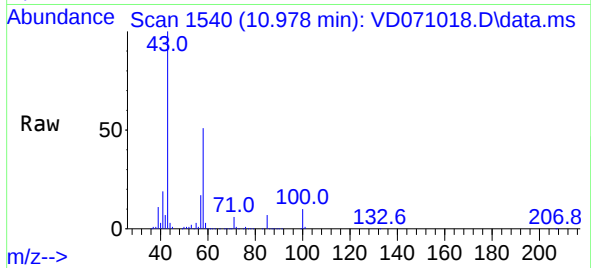
Tgt Ion: 63 Resp: 437294
Ion Ratio Lower Upper
63 100
106 26.0 21.0 31.4





#59
2-Hexanone
Concen: 258.007 ug/l
RT: 10.978 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

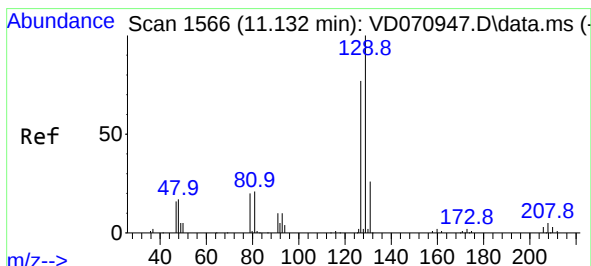
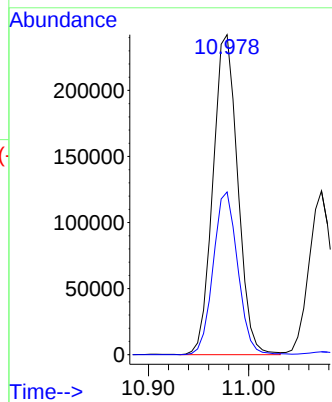
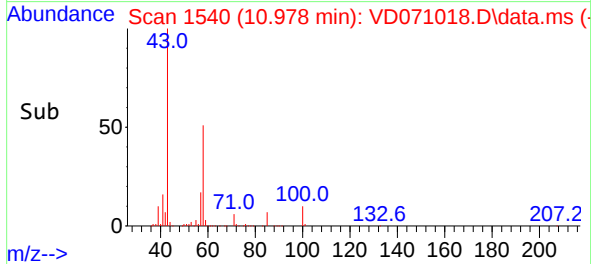
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



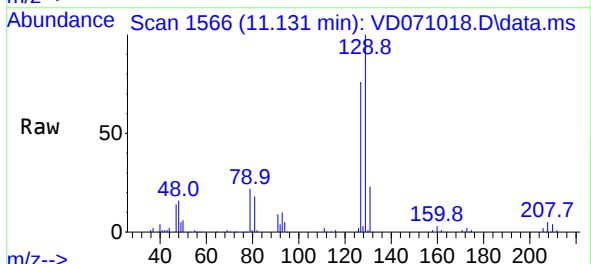
Tgt Ion: 43 Resp: 415544
Ion Ratio Lower Upper
43 100
58 50.3 28.7 86.1

Manual Integrations
APPROVED

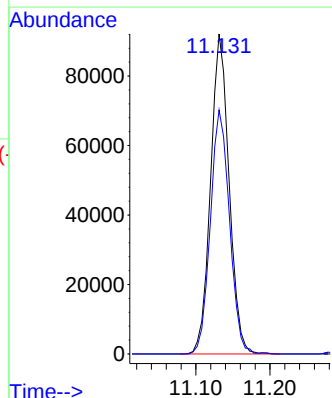
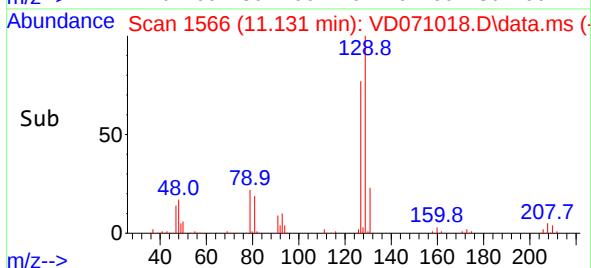
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

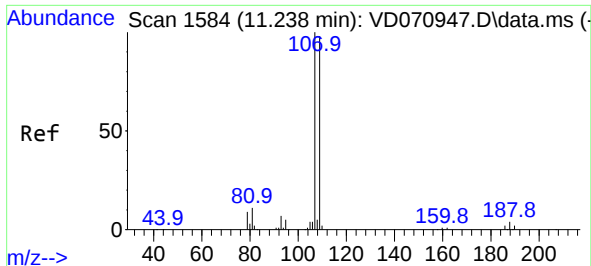


#60
Dibromochloromethane
Concen: 60.819 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



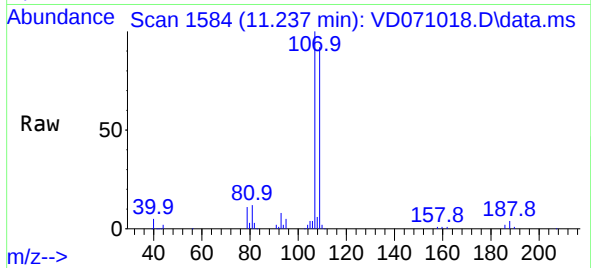
Tgt Ion:129 Resp: 159608
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6





#61
1,2-Dibromoethane
Concen: 58.794 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

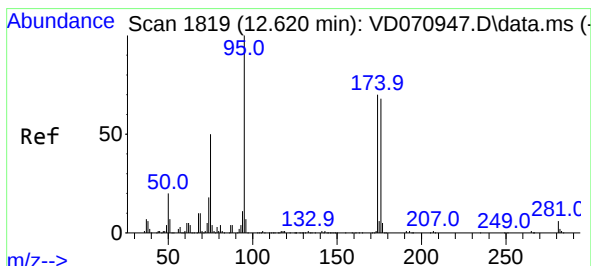
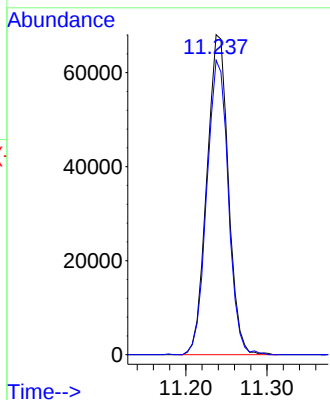
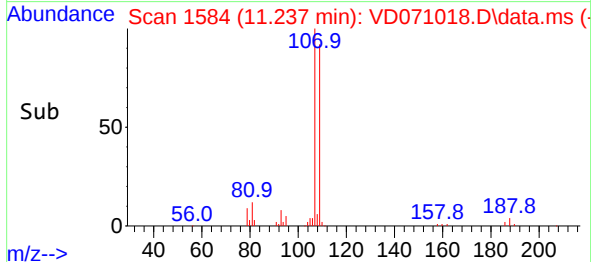
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



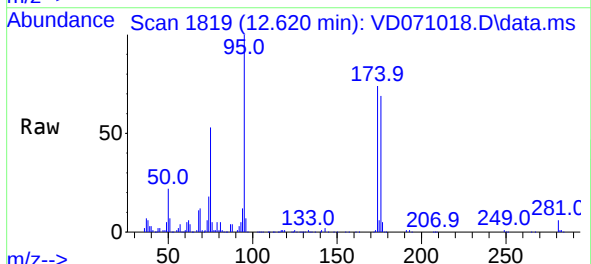
Tgt Ion:107 Resp: 12510
Ion Ratio Lower Upper
107 100
109 91.9 74.6 112.0

Manual Integrations
APPROVED

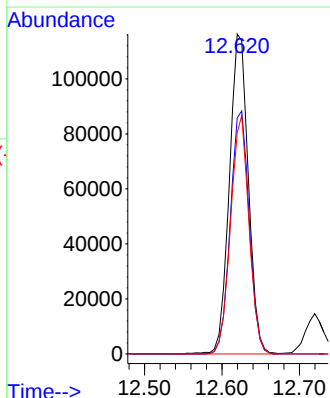
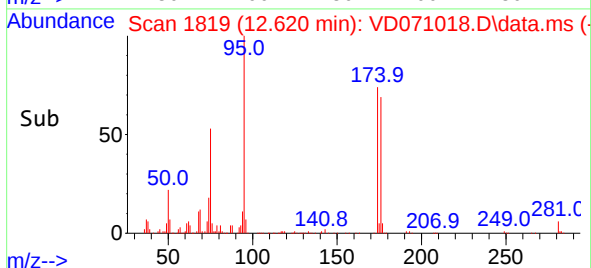
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

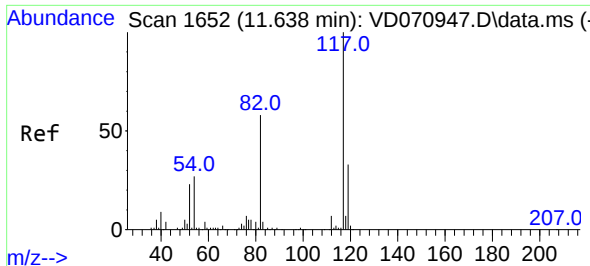


#62
4-Bromofluorobenzene
Concen: 50.566 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



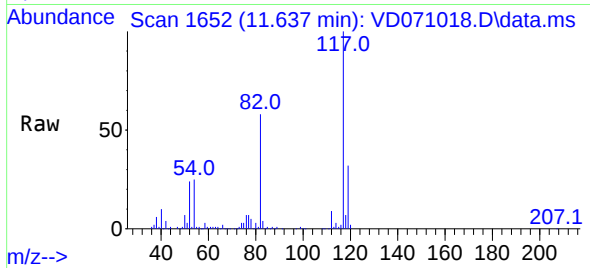
Tgt Ion: 95 Resp: 197850
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 72.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

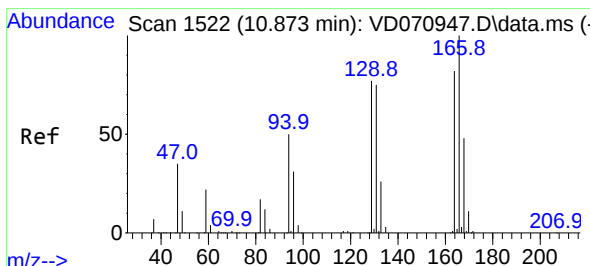
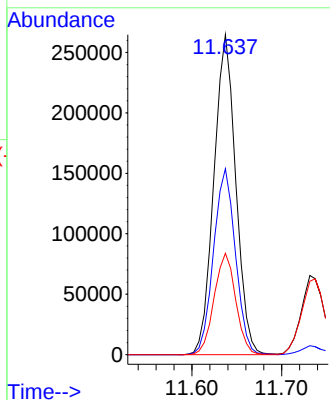
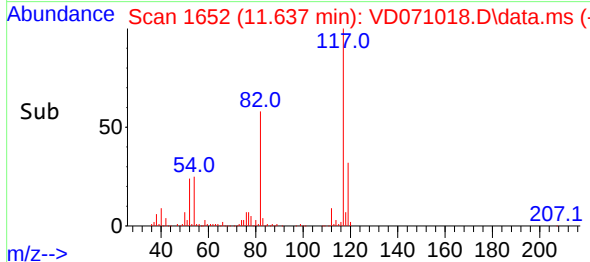
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



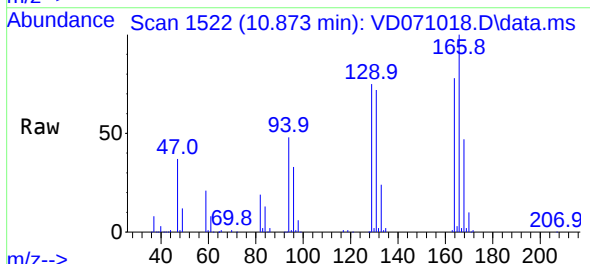
Tgt Ion:117 Resp: 449020
Ion Ratio Lower Upper
117 100
82 58.1 44.7 67.1
119 31.7 26.2 39.4

Manual Integrations
APPROVED

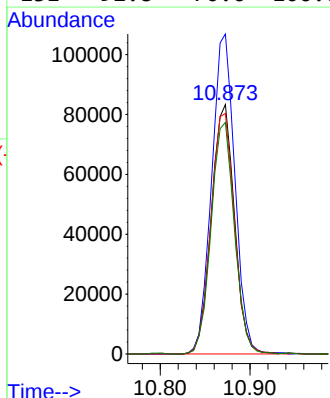
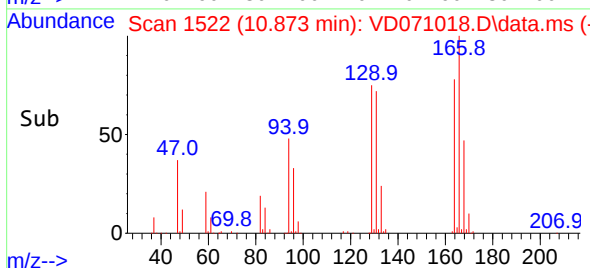
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

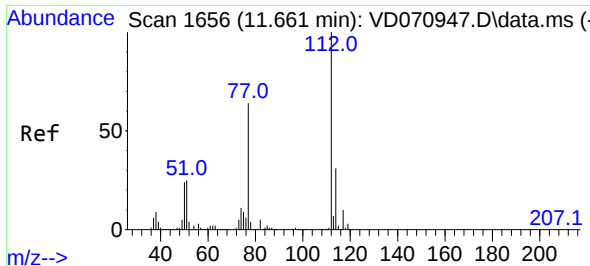


#64
Tetrachloroethene
Concen: 57.122 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



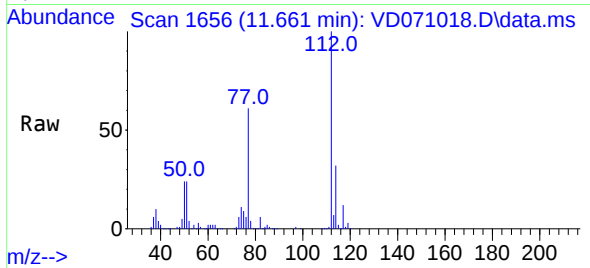
Tgt Ion:164 Resp: 149565
Ion Ratio Lower Upper
164 100
166 128.3 102.6 153.8
129 96.4 75.4 113.0
131 92.8 70.6 106.0





#65
Chlorobenzene
Concen: 56.619 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

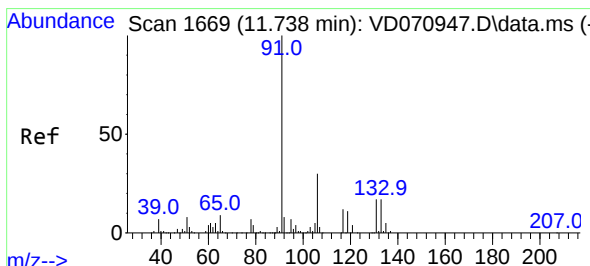
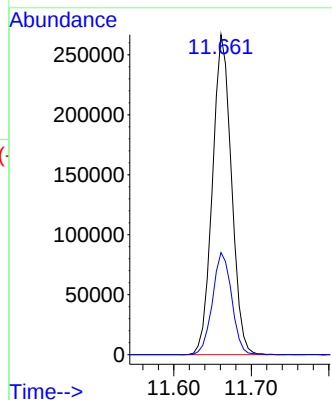
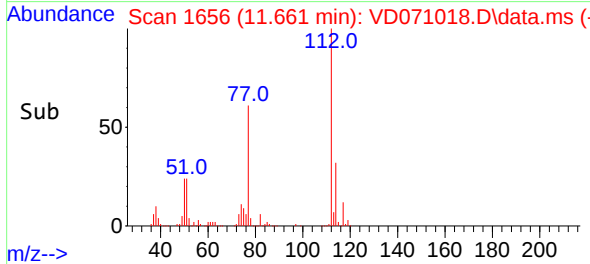
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



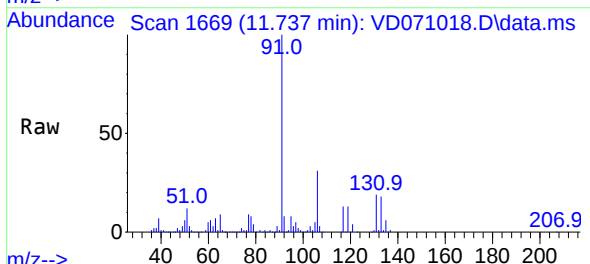
Tgt Ion:112 Resp: 453609
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

Manual Integrations
APPROVED

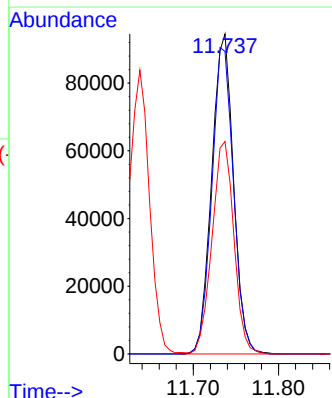
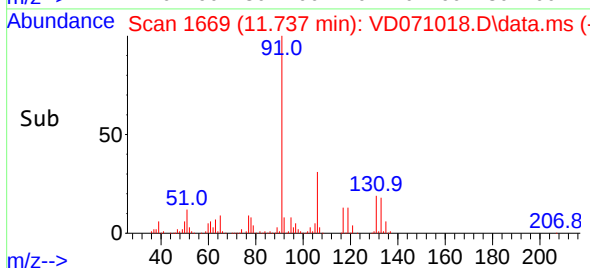
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

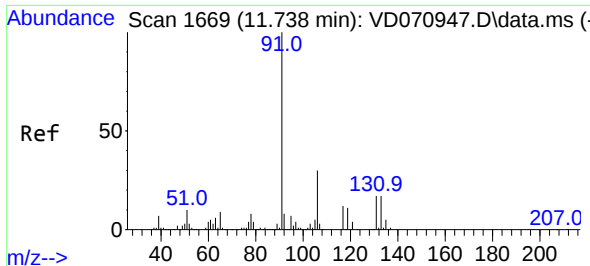


#66
1,1,1,2-Tetrachloroethane
Concen: 58.805 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



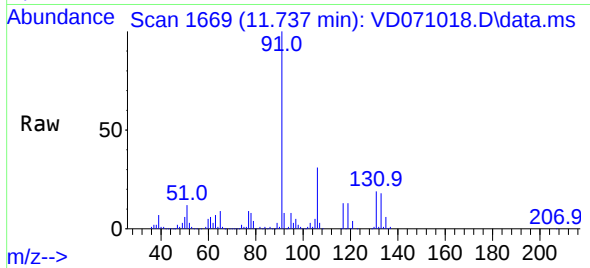
Tgt Ion:131 Resp: 167217
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 67.1 33.5 100.4





#67
Ethyl Benzene
Concen: 55.082 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

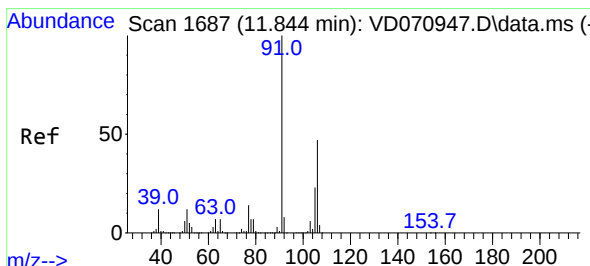
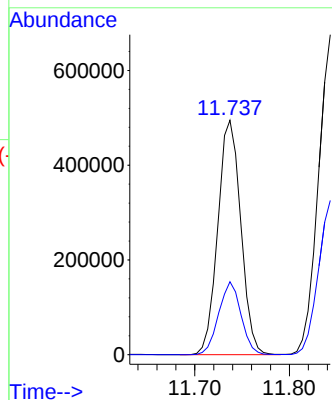
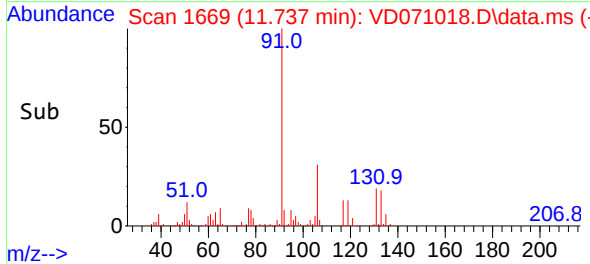
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



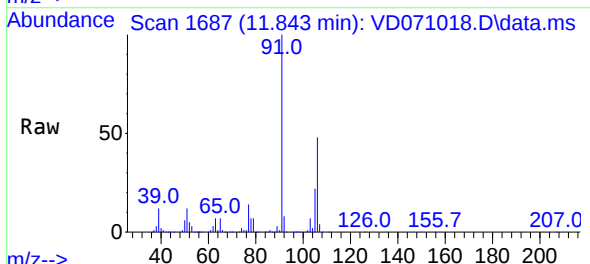
Tgt Ion: 91 Resp: 835725
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

Manual Integrations
APPROVED

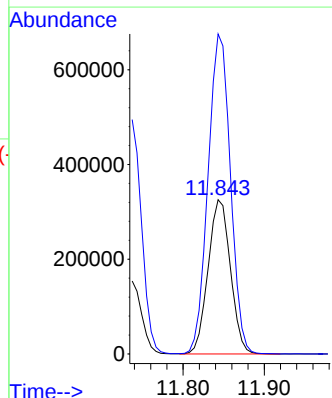
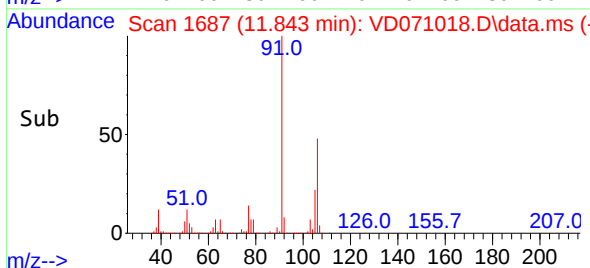
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

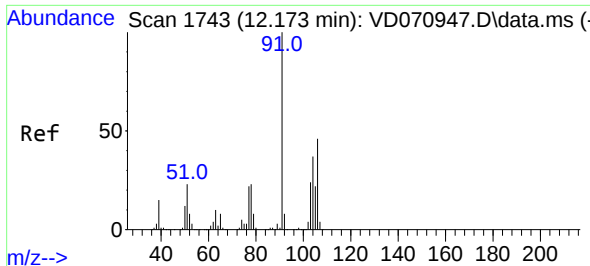


#68
m/p-Xylenes
Concen: 109.712 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



Tgt Ion:106 Resp: 622130
Ion Ratio Lower Upper
106 100
91 208.1 160.1 240.1





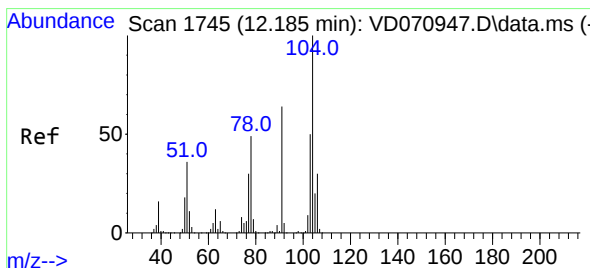
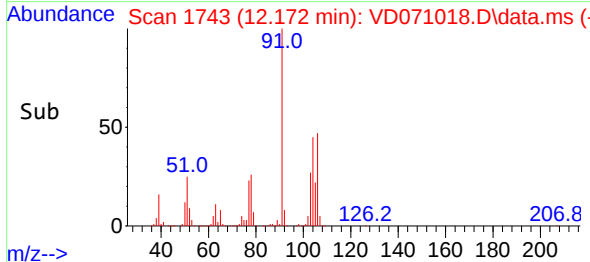
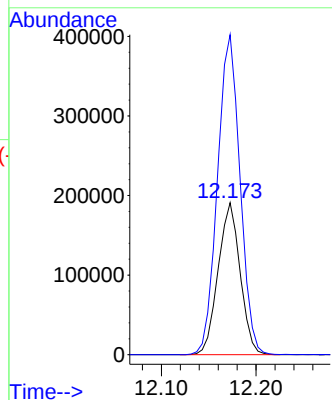
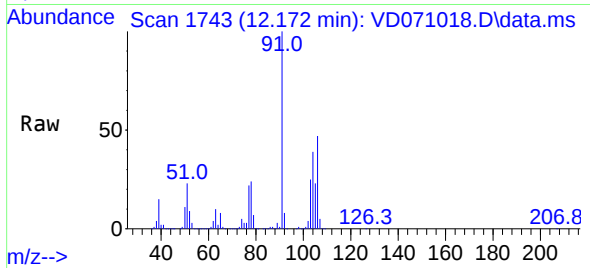
#69
o-Xylene
Concen: 57.108 ug/l
RT: 12.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 308024
Ion Ratio Lower Upper
106 100
91 216.0 106.3 319.0

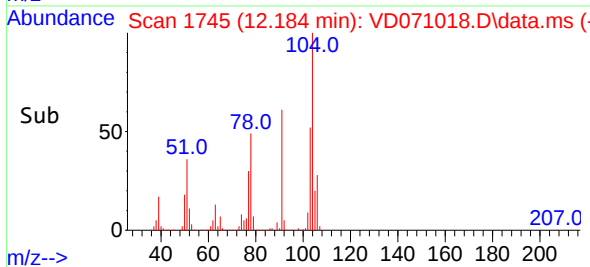
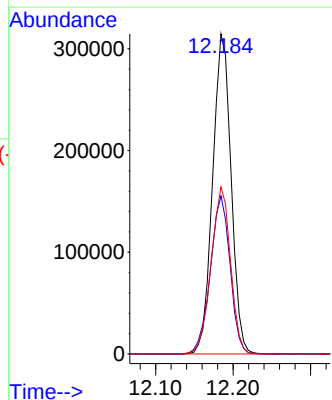
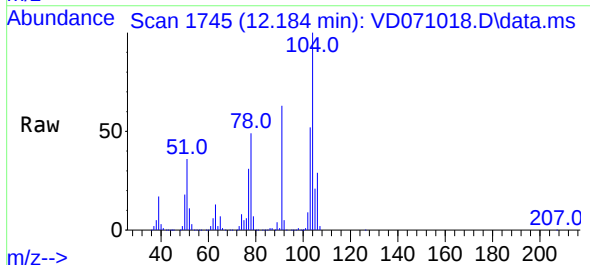
Manual Integrations
APPROVED

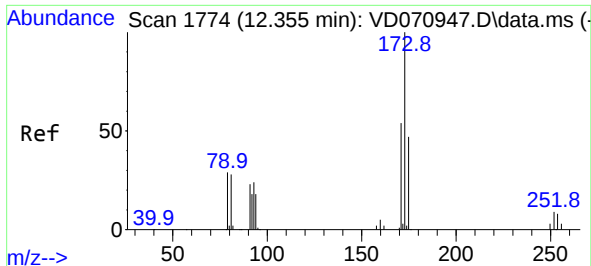
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 56.990 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

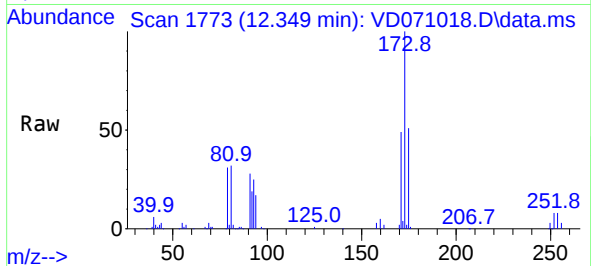
Tgt Ion:104 Resp: 520465
Ion Ratio Lower Upper
104 100
78 52.5 39.4 59.0
103 54.7 43.4 65.0





#71
Bromoform
Concen: 59.806 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

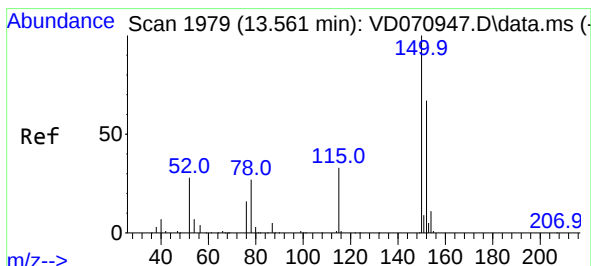
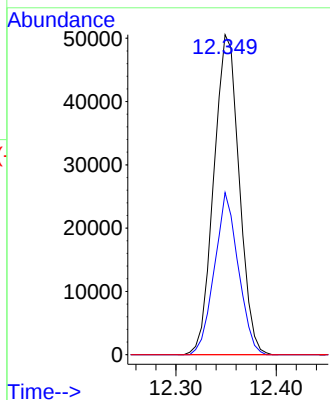
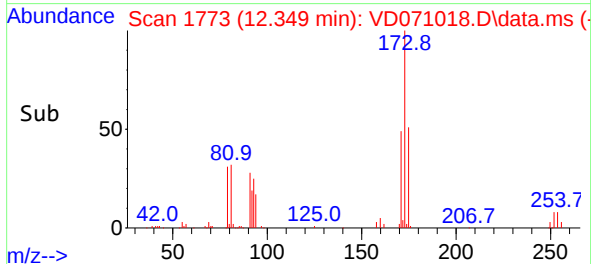
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



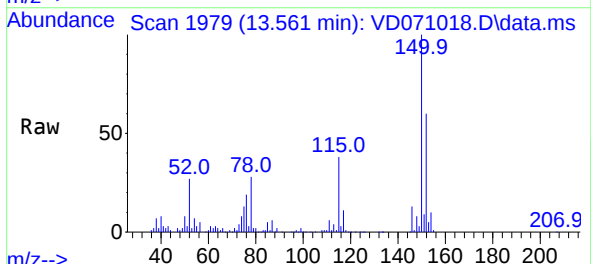
Tgt Ion:173 Resp: 88680
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

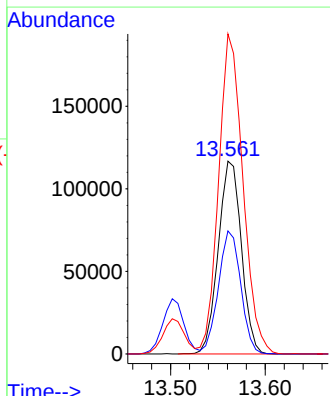
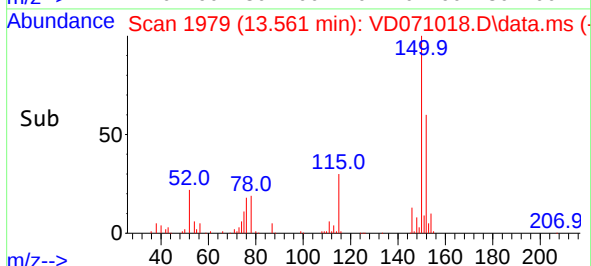
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

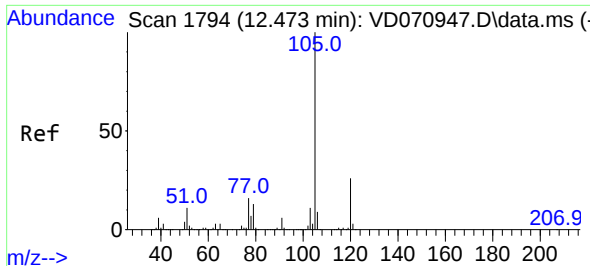


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



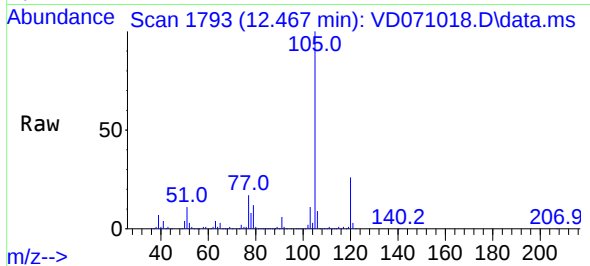
Tgt Ion:152 Resp: 198511
Ion Ratio Lower Upper
152 100
115 61.5 29.8 89.3
150 174.6 0.0 349.2





#73
Isopropylbenzene
Concen: 54.409 ug/l
RT: 12.467 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

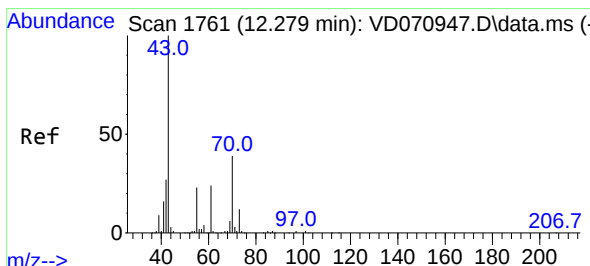
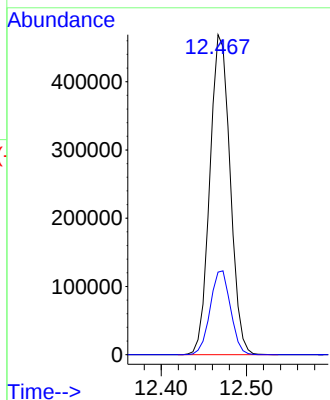
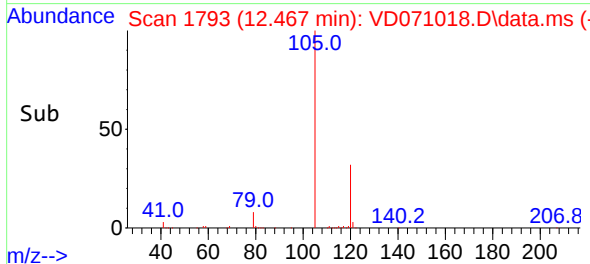
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



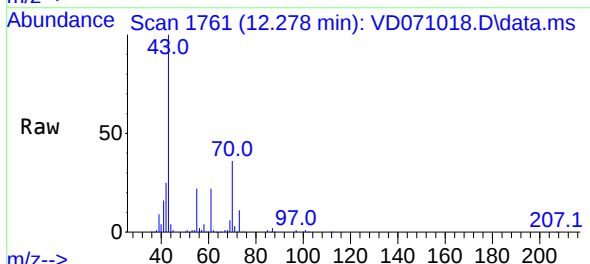
Tgt Ion:105 Resp: 778102
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

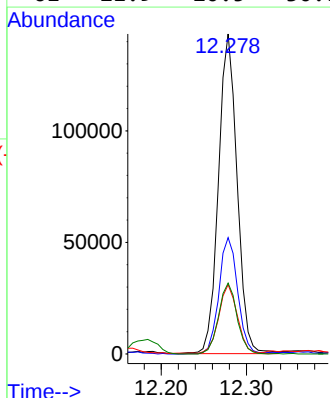
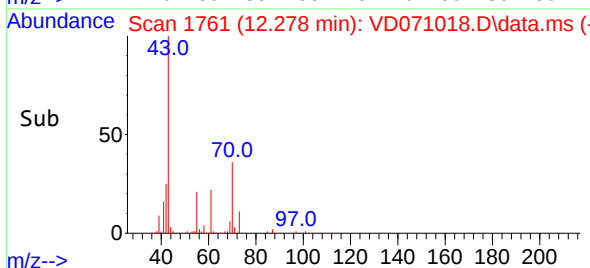
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

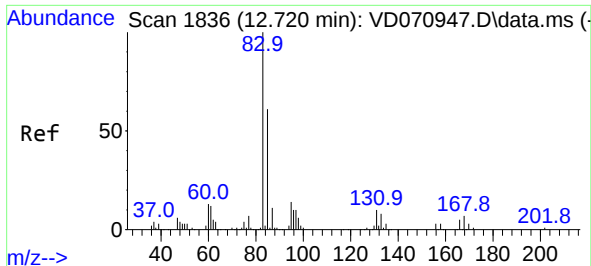


#74
N-ethyl acetate
Concen: 53.368 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



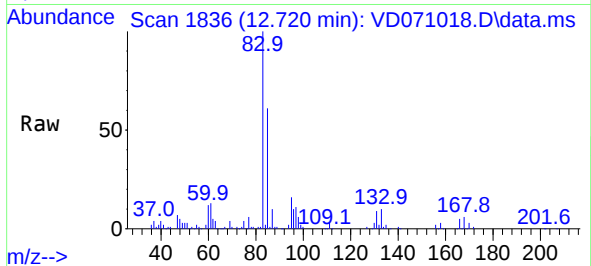
Tgt Ion: 43 Resp: 218045
Ion Ratio Lower Upper
43 100
70 36.7 36.6 55.0
55 21.3 22.5 33.7#
61 21.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 61.185 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

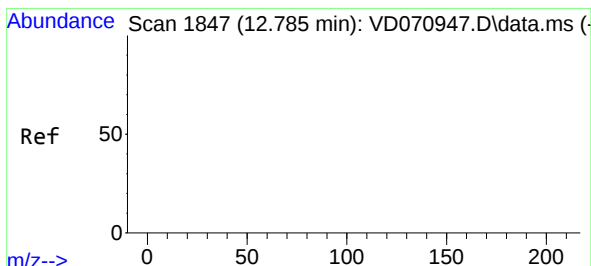
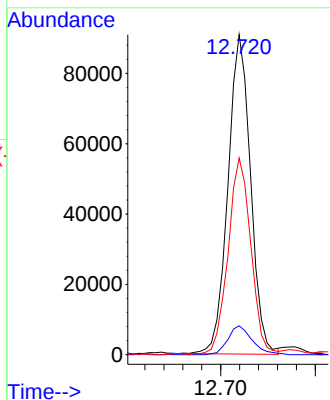
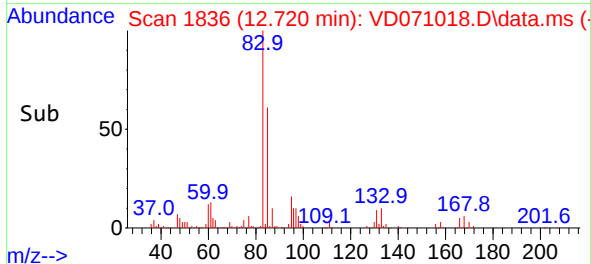
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 150609
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 62.1 32.0 96.2

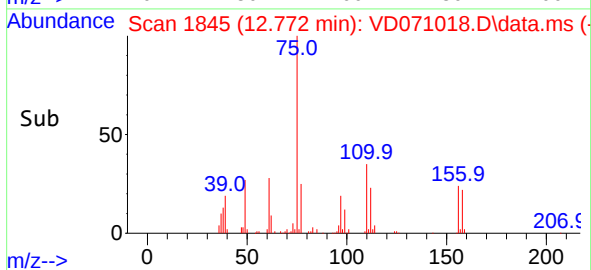
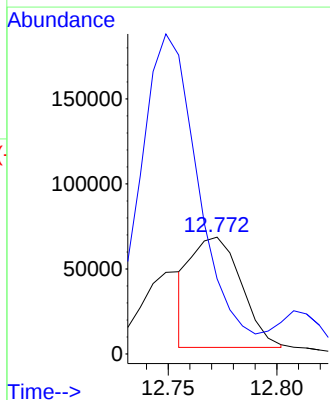
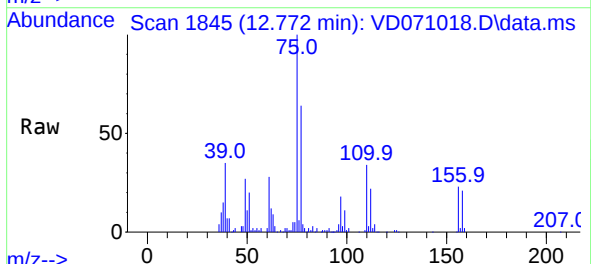
Manual Integrations
APPROVED

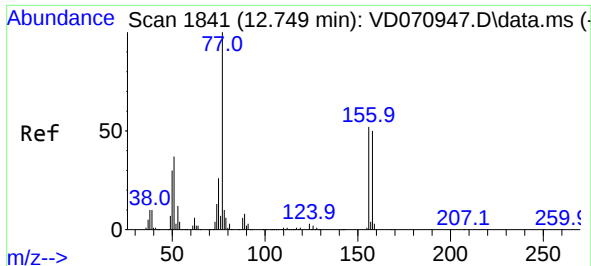
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 61.470 ug/l m
RT: 12.772 min Scan# 1845
Delta R.T. -0.013 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

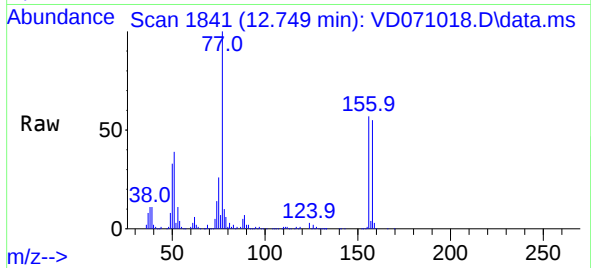
Tgt Ion: 75 Resp: 104234
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 58.295 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

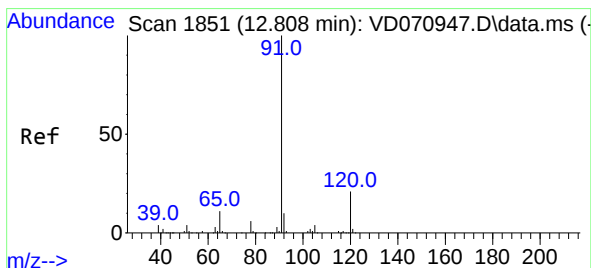
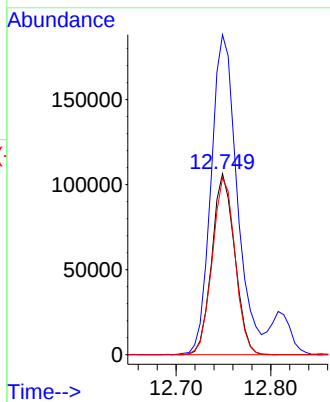
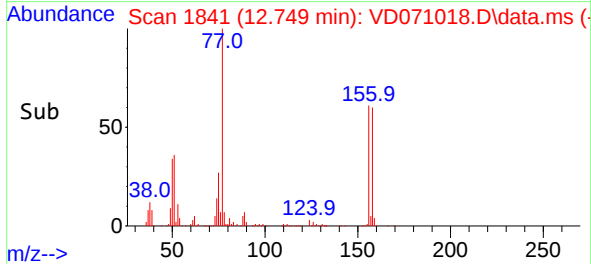
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 178125
Ion Ratio Lower Upper
156 100
77 201.4 96.6 289.8
158 97.8 49.1 147.4

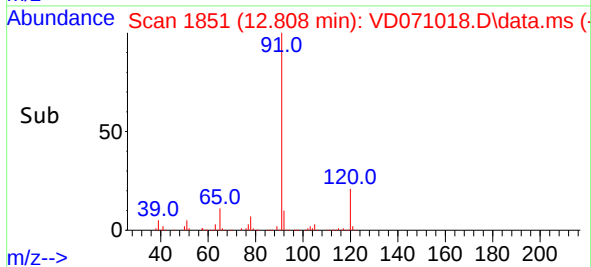
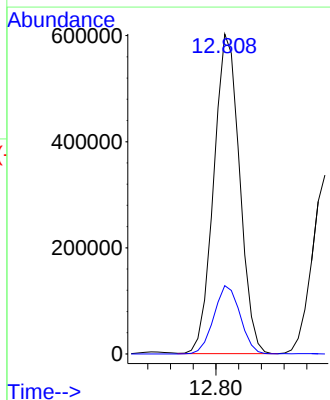
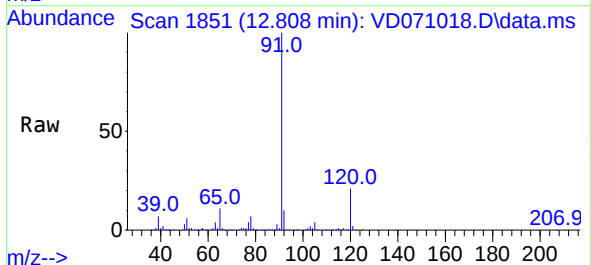
Manual Integrations
APPROVED

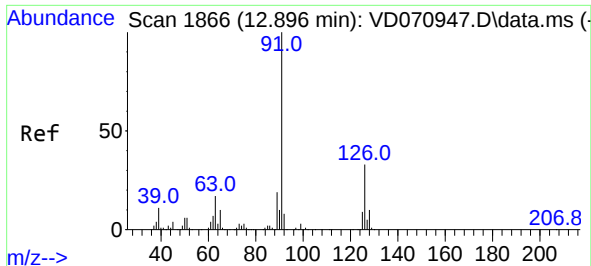
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 53.660 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

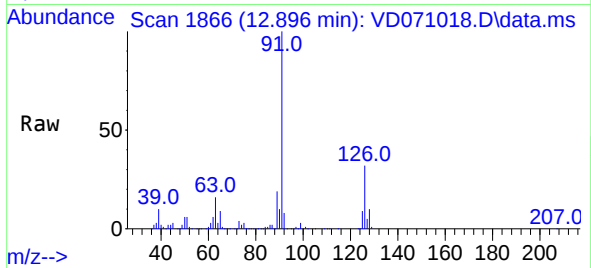
Tgt Ion: 91 Resp: 950869
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 55.065 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

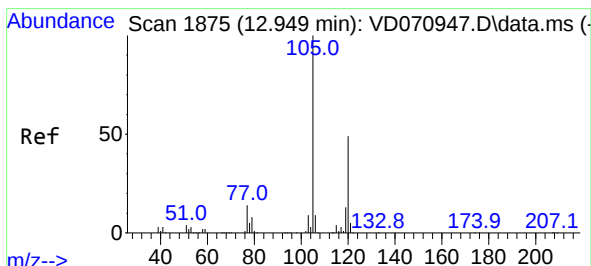
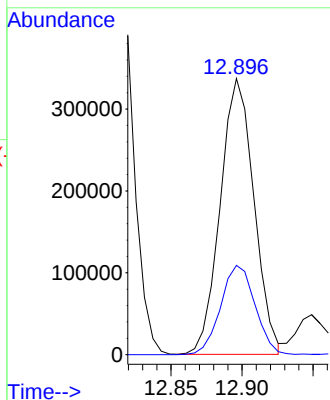
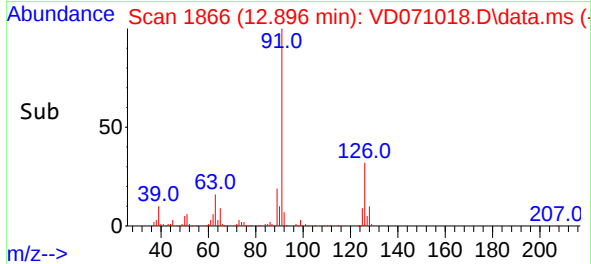
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



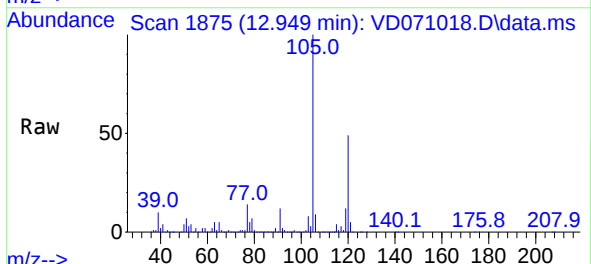
Tgt Ion: 91 Resp: 556360
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

Manual Integrations
APPROVED

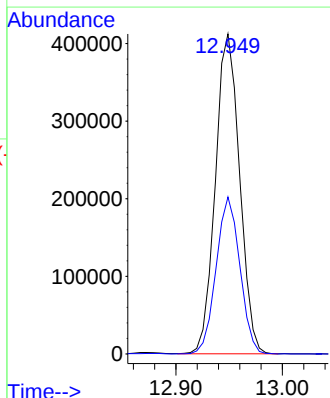
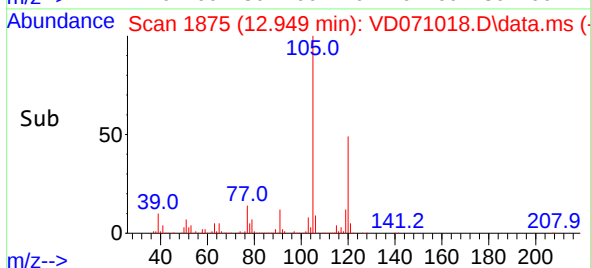
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

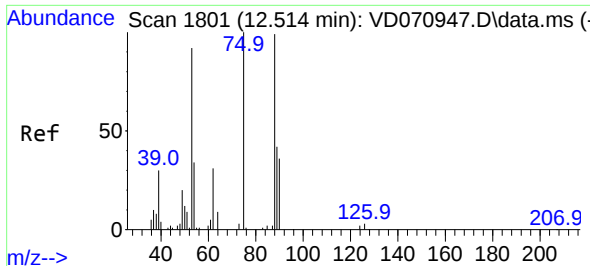


#80
1,3,5-Trimethylbenzene
Concen: 55.244 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



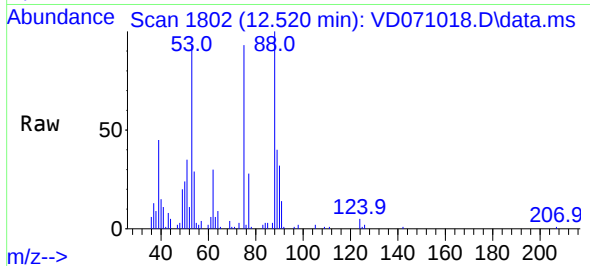
Tgt Ion:105 Resp: 650485
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.997 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

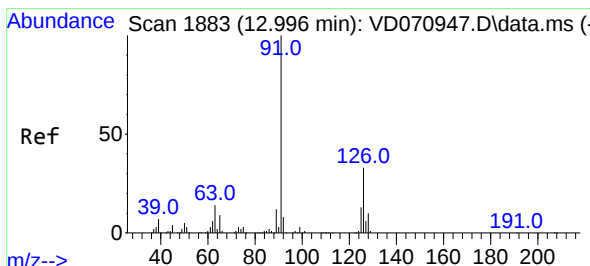
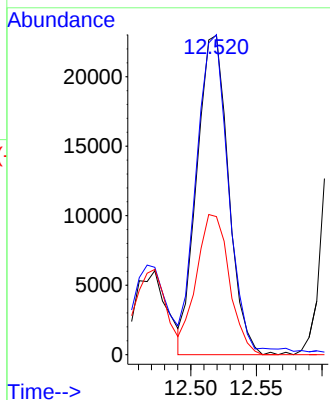
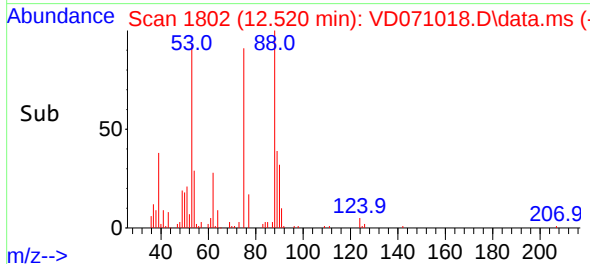
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 38349
Ion Ratio Lower Upper
75 100
53 99.9 62.6 94.0
89 46.0 34.5 51.7

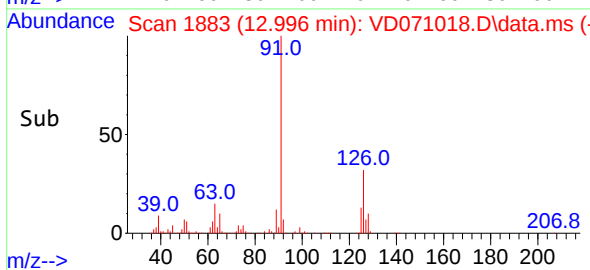
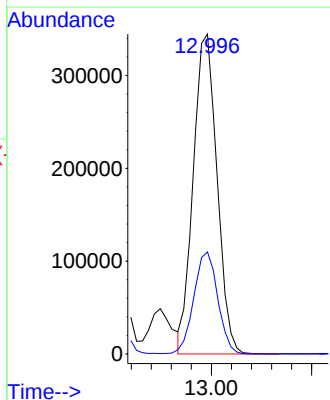
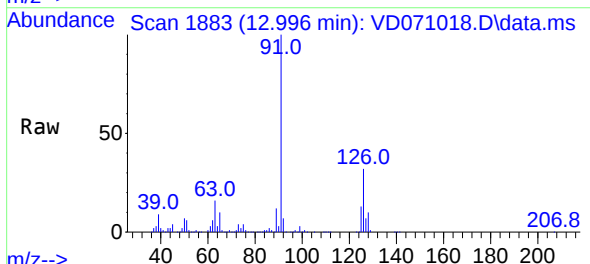
Manual Integrations
APPROVED

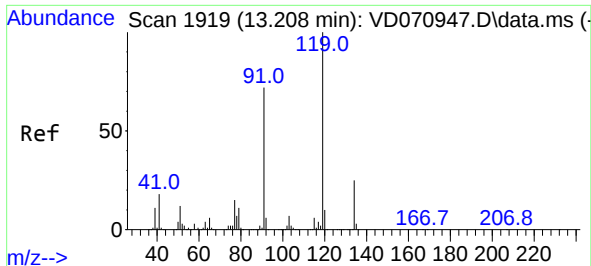
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 54.418 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

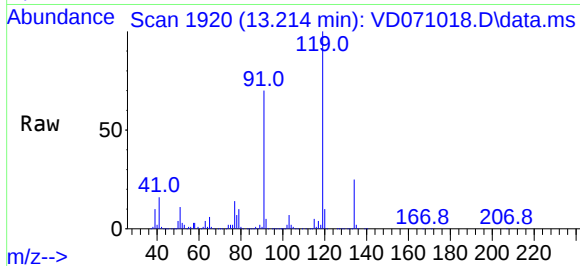
Tgt Ion: 91 Resp: 567451
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1





#83
tert-Butylbenzene
Concen: 54.827 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

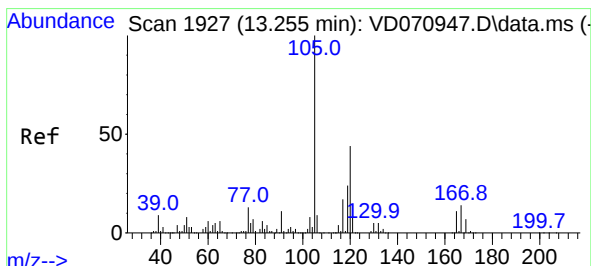
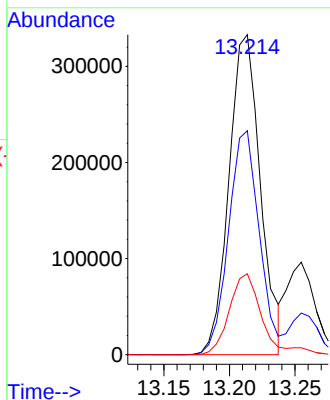
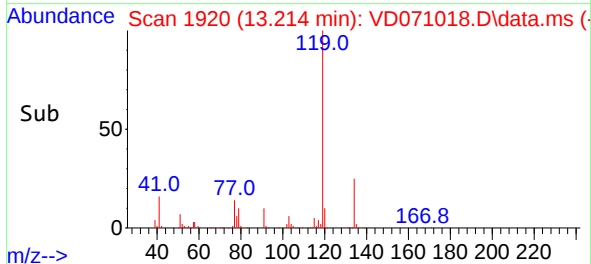
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



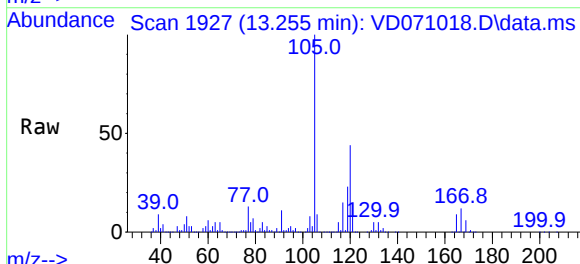
Tgt Ion:119 Resp: 556119
Ion Ratio Lower Upper
119 100
91 68.2 32.5 97.5
134 26.2 13.2 39.6

Manual Integrations
APPROVED

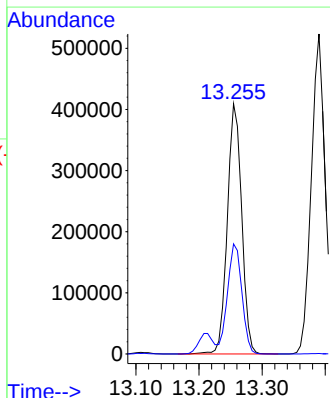
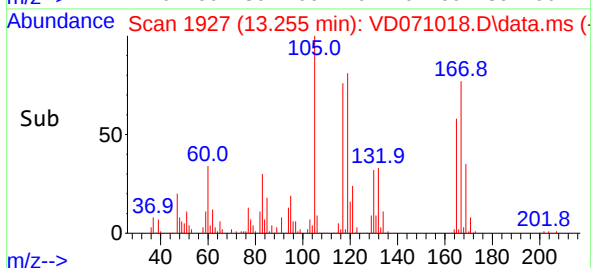
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

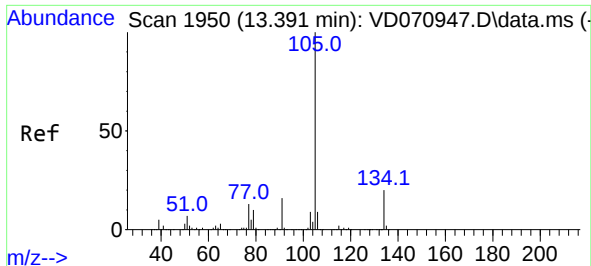


#84
1,2,4-Trimethylbenzene
Concen: 55.981 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



Tgt Ion:105 Resp: 645552
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7





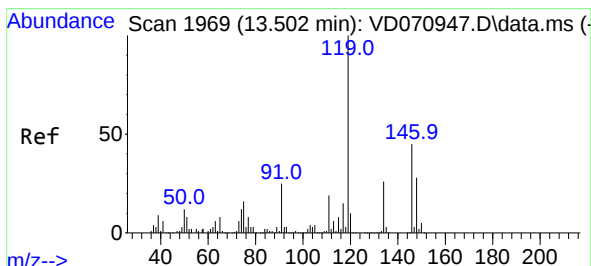
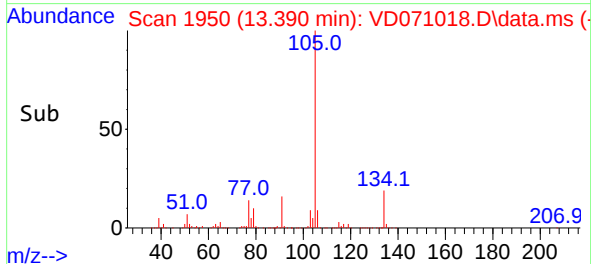
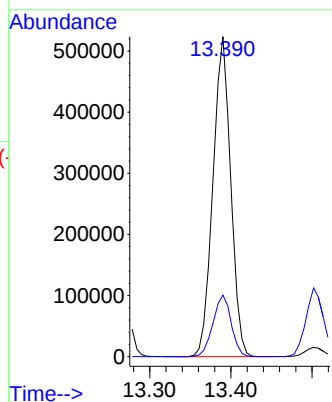
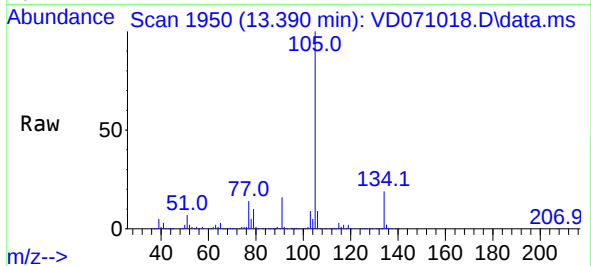
#85
 sec-Butylbenzene
 Concen: 52.190 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071018.D
 Acq: 12 Nov 2021 07:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 79585
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

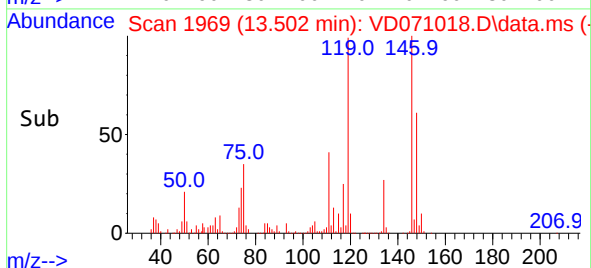
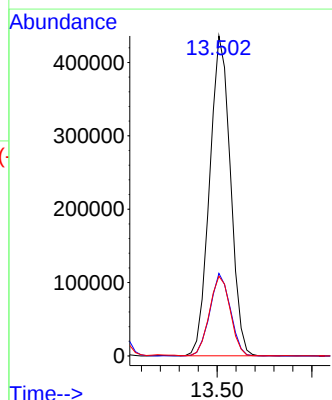
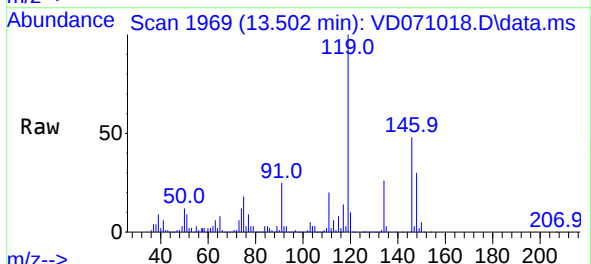
Manual Integrations
 APPROVED

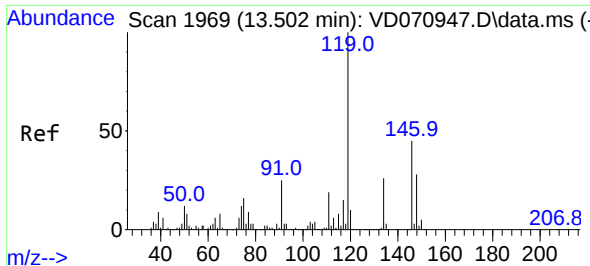
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 54.170 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD071018.D
 Acq: 12 Nov 2021 07:31

Tgt Ion:119 Resp: 663293
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 24.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 57.144 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

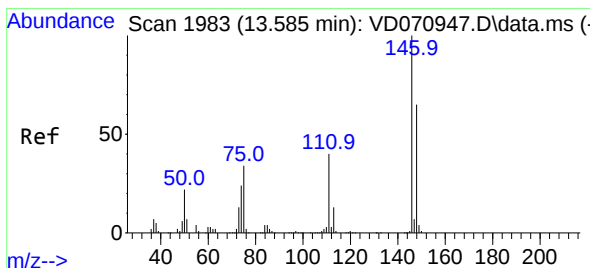
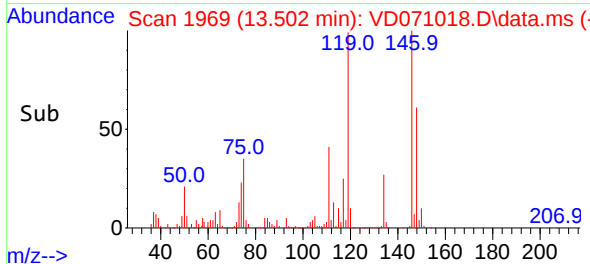
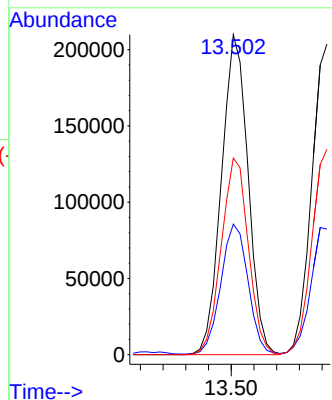
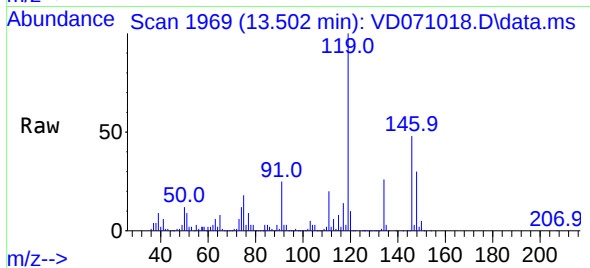
Tgt Ion:146 Resp: 34140

Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.8	59.4
148	62.6	32.1	96.3

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 55.088 ug/l

RT: 13.584 min Scan# 1983

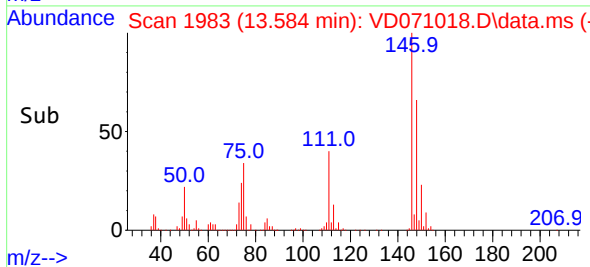
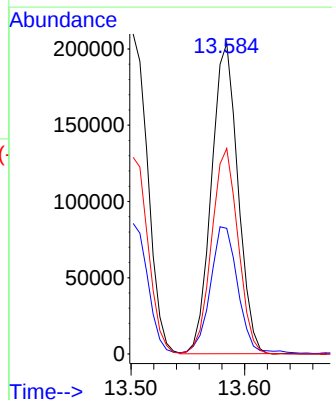
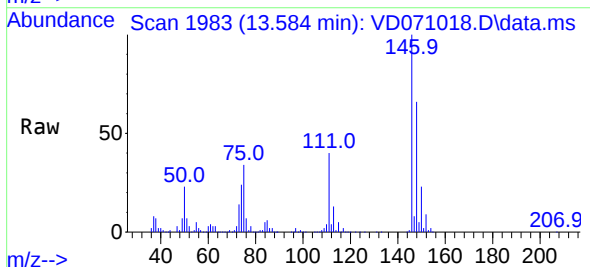
Delta R.T. -0.001 min

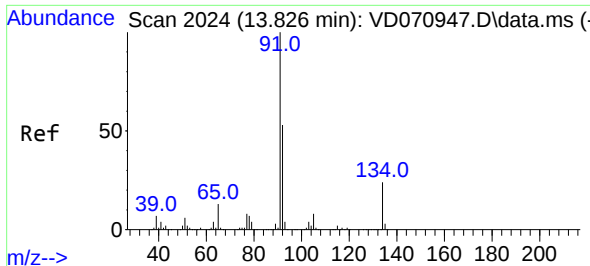
Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Tgt Ion:146 Resp: 329524

Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.6	58.8
148	66.2	31.5	94.5





#89
n-Butylbenzene
Concen: 49.490 ug/l
RT: 13.825 min Scan# 20
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

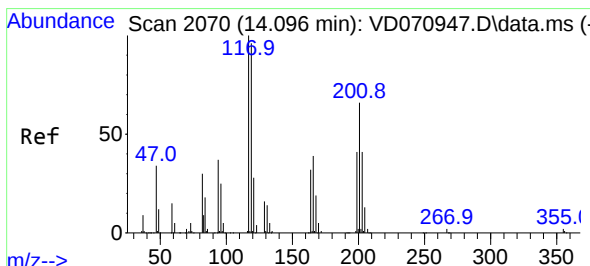
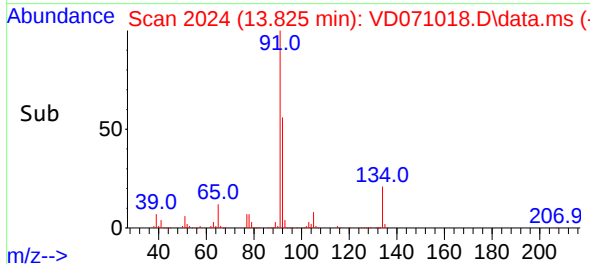
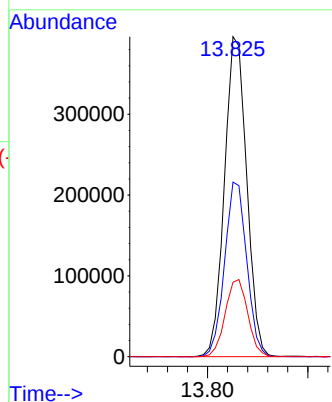
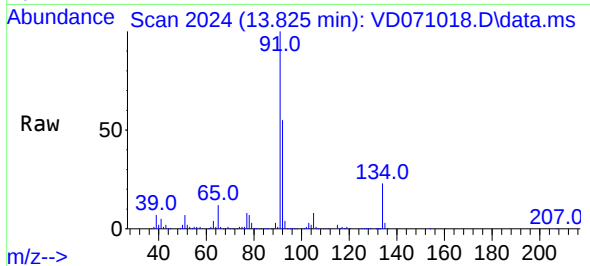
VSTDCCC050EC

Tgt Ion: 91 Resp: 60900
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 24.5 12.3 36.9

Manual Integrations

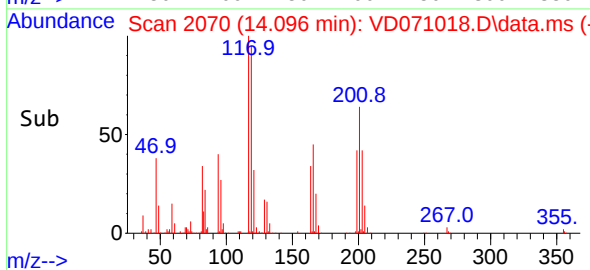
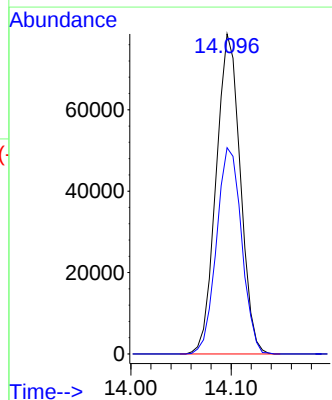
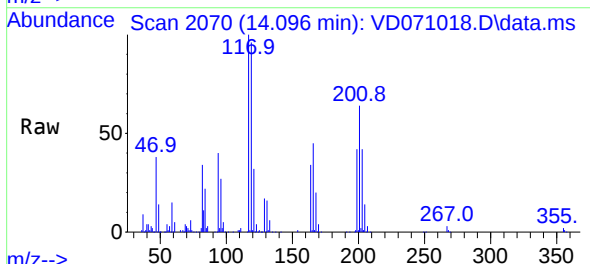
APPROVED

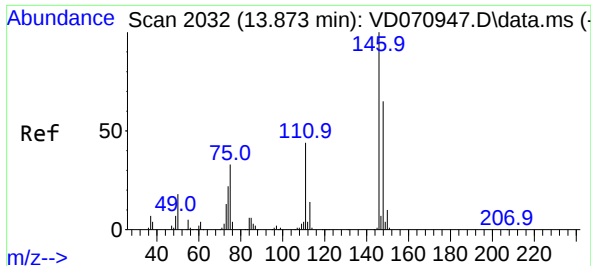
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 54.291 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

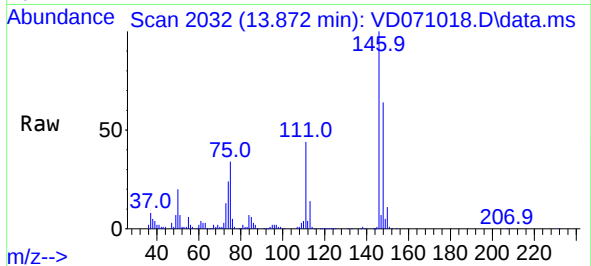
Tgt Ion:117 Resp: 131550
Ion Ratio Lower Upper
117 100
201 66.9 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 58.031 ug/l
RT: 13.872 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

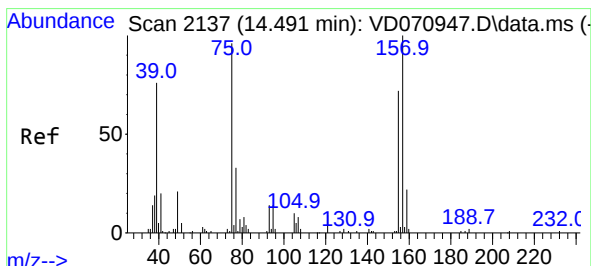
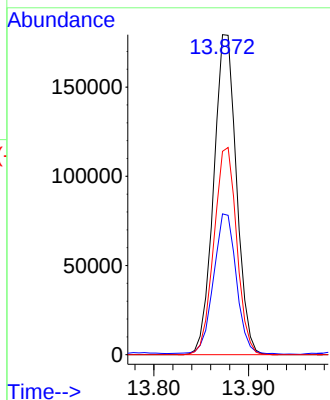
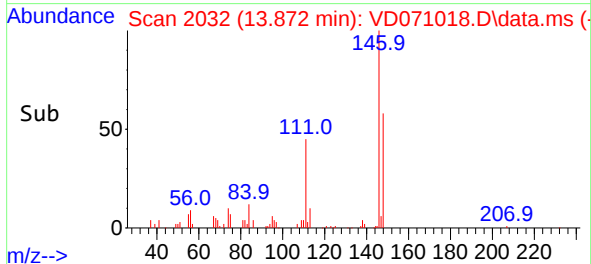
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



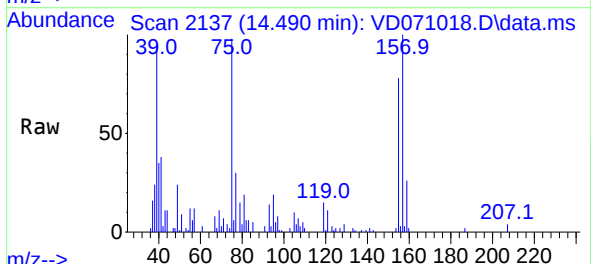
Tgt Ion:146 Resp: 300414
Ion Ratio Lower Upper
146 100
111 44.2 20.8 62.2
148 64.7 31.7 95.1

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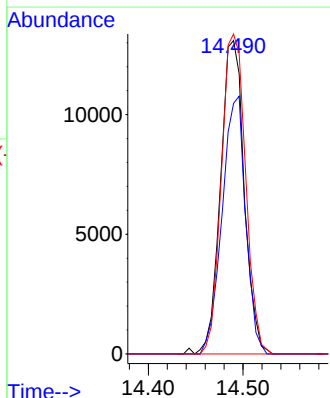
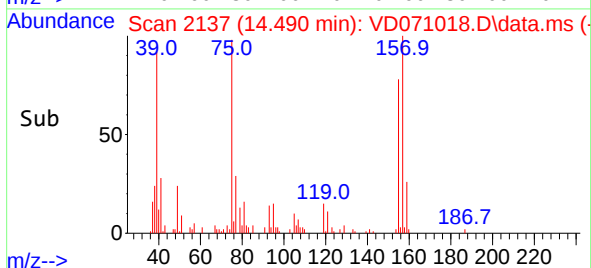
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

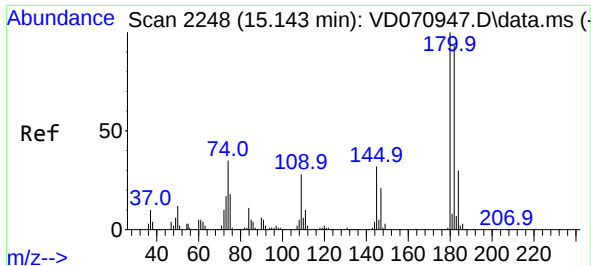


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.367 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31



Tgt Ion: 75 Resp: 22756
Ion Ratio Lower Upper
75 100
155 81.2 40.0 120.0
157 104.1 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 54.414 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

Instrument :

MSVOA_D

ClientSampleId :

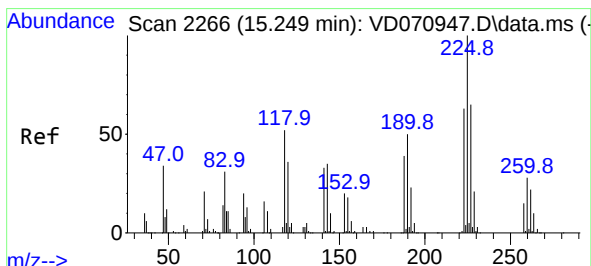
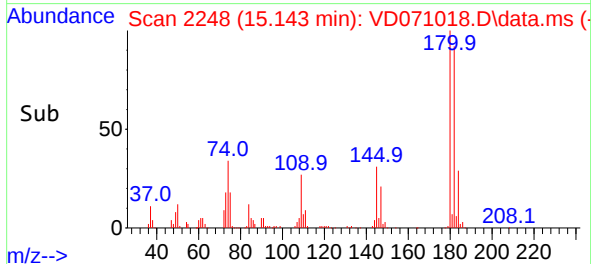
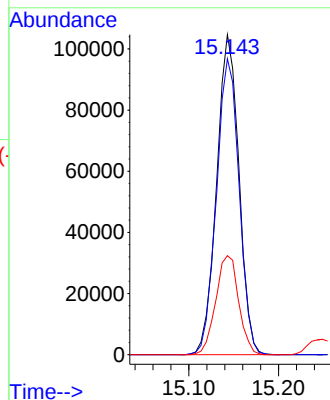
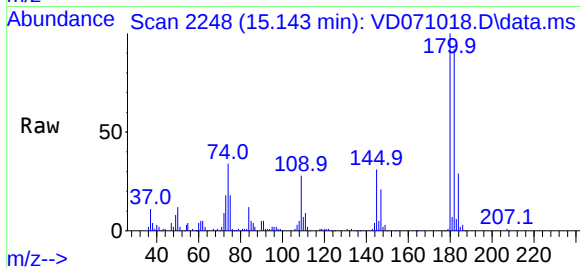
VSTDCCC050EC

Tgt Ion:180 Resp: 180220
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.2 144.6
 145 31.9 15.4 46.2

Manual Integrations

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



#94

Hexachlorobutadiene

Concen: 52.382 ug/l

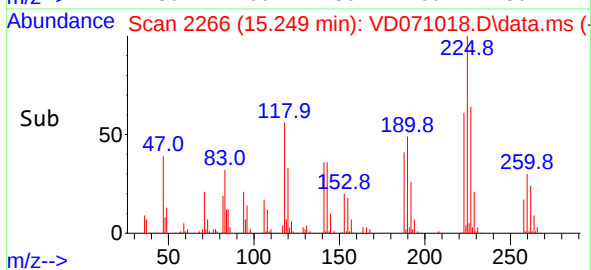
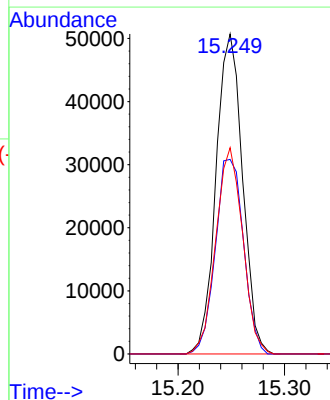
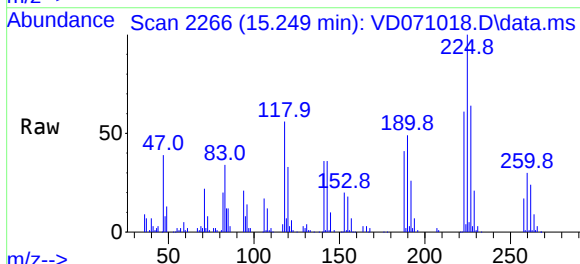
RT: 15.249 min Scan# 2266

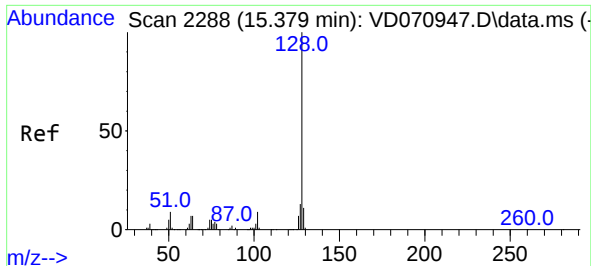
Delta R.T. -0.000 min

Lab File: VD071018.D

Acq: 12 Nov 2021 07:31

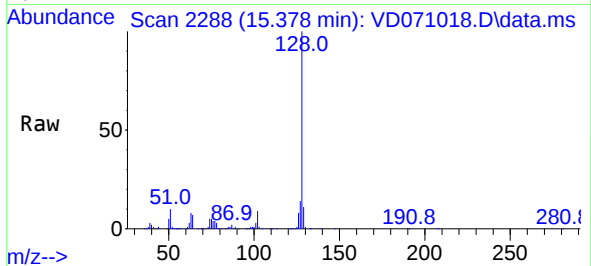
Tgt Ion:225 Resp: 87499
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.8 95.3
 227 65.3 31.6 94.8





#95
Naphthalene
Concen: 59.463 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

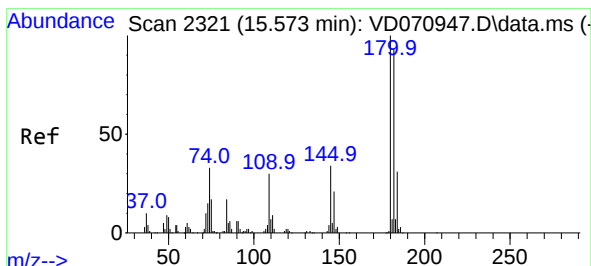
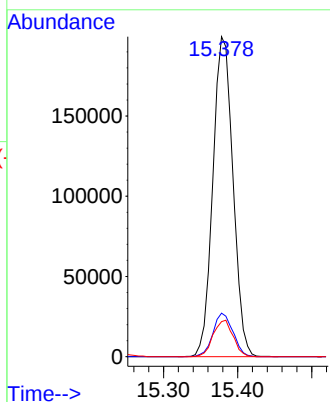
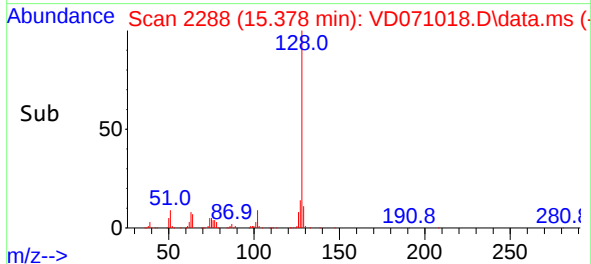
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 376062
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 57.132 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.001 min
Lab File: VD071018.D
Acq: 12 Nov 2021 07:31

Tgt Ion:180 Resp: 159106
Ion Ratio Lower Upper
180 100
182 94.3 46.7 140.1
145 34.7 15.9 47.6

