

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070833.D
 Acq On : 26 Oct 2021 11:26
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 27 04:57:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 04:55:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	407142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	636821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	82359	19.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.920%#		
35) Dibromofluoromethane	7.914	113	87891	20.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.200%#		
50) Toluene-d8	10.332	98	327113	19.923	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	12.626	95	106975	19.729	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	73547	19.832	ug/l	100
3) Chloromethane	2.209	50	108251	20.252	ug/l	98
4) Vinyl Chloride	2.344	62	118453	20.174	ug/l	99
5) Bromomethane	2.750	94	81223	19.330	ug/l	95
6) Chloroethane	2.909	64	73623	20.267	ug/l	92
7) Trichlorofluoromethane	3.267	101	143310	20.064	ug/l	96
8) Diethyl Ether	3.709	74	40365	19.765	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	92563	20.094	ug/l	98
10) Methyl Iodide	4.297	142	75145	17.777	ug/l	99
11) Tert butyl alcohol	5.214	59	22607	102.691	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	78907	19.174	ug/l	96
13) Acrolein	3.920	56	19698	98.593	ug/l	92
14) Allyl chloride	4.708	41	125091	19.481	ug/l	99
15) Acrylonitrile	5.414	53	97551	100.717	ug/l	100
16) Acetone	4.156	43	85302	90.328	ug/l	95
17) Carbon Disulfide	4.403	76	272114	18.847	ug/l	98
18) Methyl Acetate	4.714	43	66440	20.307	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	167901	19.814	ug/l	96
20) Methylene Chloride	4.967	84	122325	19.136	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	95190	19.782	ug/l	94
22) Diisopropyl ether	6.361	45	274436	20.592	ug/l	95
23) Vinyl Acetate	6.303	43	576849m	101.233	ug/l	
24) 1,1-Dichloroethane	6.255	63	177517	19.765	ug/l	99
25) 2-Butanone	7.208	43	111988	94.998	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	138047	19.394	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	99731	18.981	ug/l	97
28) Bromochloromethane	7.544	49	71044	19.889	ug/l	99
29) Tetrahydrofuran	7.567	42	70315	98.264	ug/l	98
30) Chloroform	7.708	83	181473	20.226	ug/l	99
31) Cyclohexane	7.979	56	157226	18.927	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	154782	20.153	ug/l	100
36) 1,1-Dichloropropene	8.108	75	135554	19.634	ug/l	99
37) Ethyl Acetate	7.291	43	53600	20.723	ug/l	98
38) Carbon Tetrachloride	8.097	117	133996	19.549	ug/l	94
39) Methylcyclohexane	9.349	83	148186	18.833	ug/l	96
40) Benzene	8.350	78	393720	19.786	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26568	19.640	ug/l	87
42) 1,2-Dichloroethane	8.420	62	102587	20.204	ug/l	100
43) Isopropyl Acetate	8.449	43	95526	19.984	ug/l	98
44) Trichloroethene	9.108	130	96797	18.834	ug/l	87
45) 1,2-Dichloropropane	9.385	63	108394	20.435	ug/l	98
46) Dibromomethane	9.473	93	52281	19.966	ug/l	98
47) Bromodichloromethane	9.655	83	135972	20.377	ug/l	98
48) Methyl methacrylate	9.449	41	46125	20.034	ug/l	94
49) 1,4-Dioxane	9.455	88	10564	377.985	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	255536	102.011	ug/l	98
52) Toluene	10.396	92	242599	20.039	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	117036	19.779	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	142873	19.752	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	75647	20.360	ug/l	96
56) Ethyl methacrylate	10.655	69	77613	19.097	ug/l	98
57) 1,3-Dichloropropane	10.938	76	125969	20.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	177608	101.148	ug/l	99
59) 2-Hexanone	10.979	43	179206	100.255	ug/l	96
60) Dibromochloromethane	11.132	129	85423	19.489	ug/l	96
61) 1,2-Dibromoethane	11.238	107	67531	19.844	ug/l	99
64) Tetrachloroethene	10.873	164	82244	19.069	ug/l	96
65) Chlorobenzene	11.661	112	254760	19.483	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	95779	19.898	ug/l	100
67) Ethyl Benzene	11.738	91	431201	19.115	ug/l	98
68) m/p-Xylenes	11.849	106	350456	39.802	ug/l	99
69) o-Xylene	12.173	106	153509	19.290	ug/l	100
70) Styrene	12.185	104	274041	20.025	ug/l	99
71) Bromoform	12.349	173	51681	19.957	ug/l #	99
73) Isopropylbenzene	12.473	105	402496	18.797	ug/l	99
74) N-amyl acetate	12.279	43	92173	19.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	87113	19.957	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	64207m	22.299	ug/l	
77) Bromobenzene	12.755	156	99779	19.332	ug/l	98
78) n-propylbenzene	12.808	91	528035	19.374	ug/l	100
79) 2-Chlorotoluene	12.896	91	303795	19.400	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	351775	19.502	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23325	19.635	ug/l	88
82) 4-Chlorotoluene	12.996	91	323063	19.633	ug/l	98
83) tert-Butylbenzene	13.214	119	282798	18.812	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	351760	19.791	ug/l	97
85) sec-Butylbenzene	13.390	105	457700	19.465	ug/l	99
86) p-Isopropyltoluene	13.502	119	365825	19.206	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	207986	19.526	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	206367	19.674	ug/l	98
89) n-Butylbenzene	13.832	91	353590	19.010	ug/l	96
90) Hexachloroethane	14.096	117	82298	19.687	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	181046	19.971	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12109	19.139	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	98311	18.642	ug/l	99
94) Hexachlorobutadiene	15.249	225	66630	19.393	ug/l	99
95) Naphthalene	15.384	128	161195	18.311	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	89495	19.632	ug/l	99

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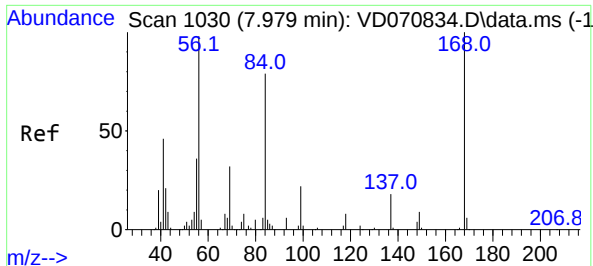
Manual Integrations
APPROVED

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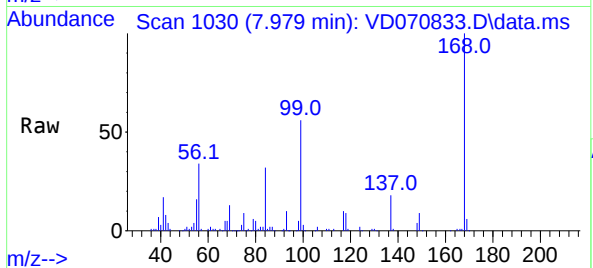
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070833.D
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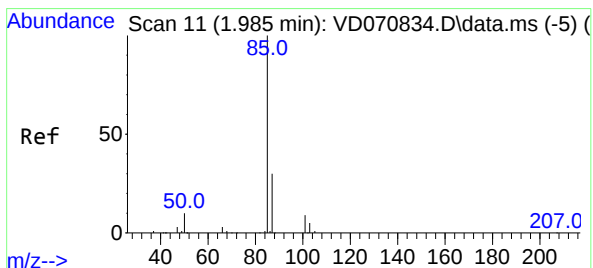
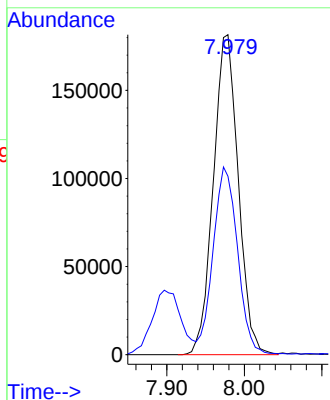
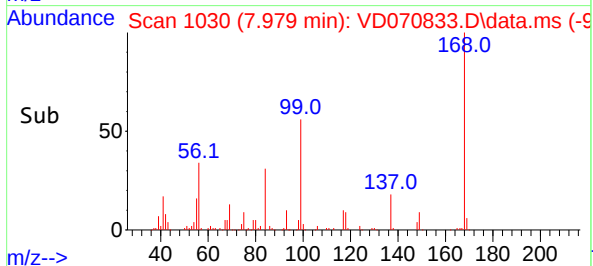
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



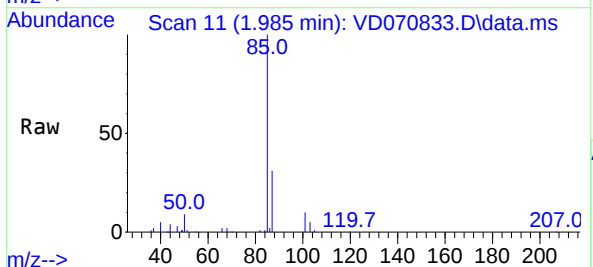
Tgt Ion:168 Resp: 40714
Ion Ratio Lower Upper
168 100
99 55.4 46.6 69.8

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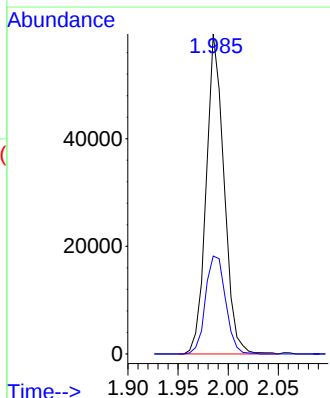
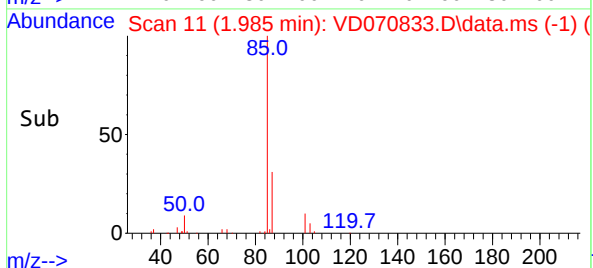
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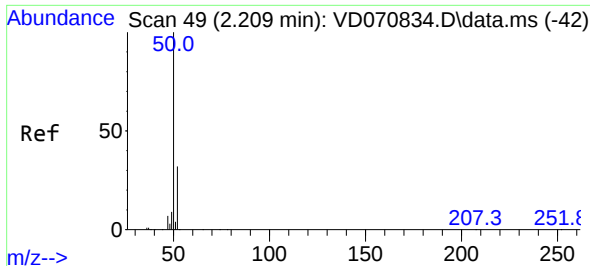


#2
Dichlorodifluoromethane
Concen: 19.832 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



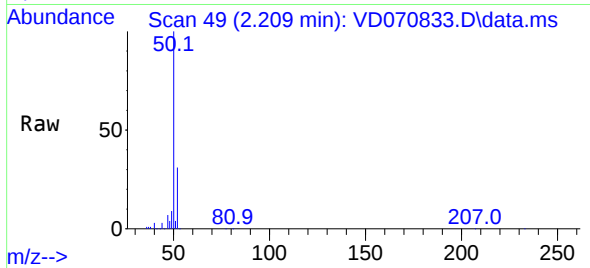
Tgt Ion: 85 Resp: 73547
Ion Ratio Lower Upper
85 100
87 30.6 15.2 45.6





#3
Chloromethane
Concen: 20.252 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

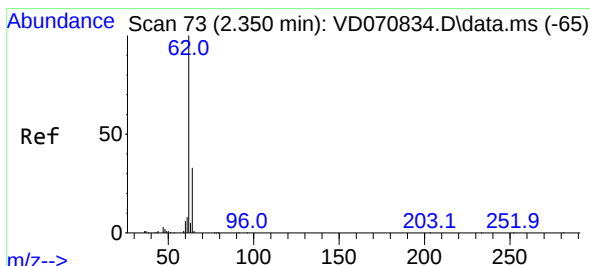
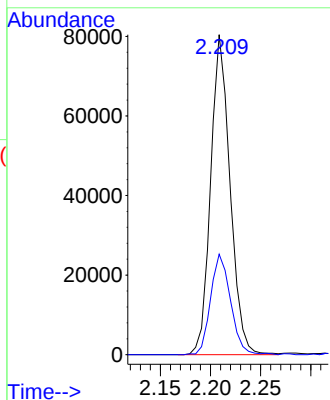
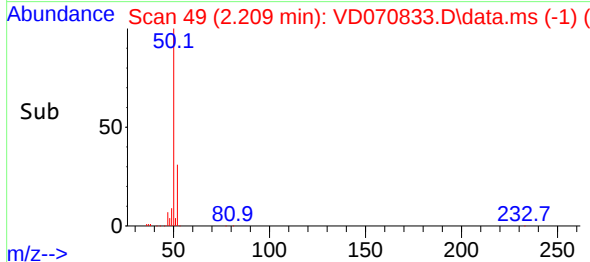
Instrument :
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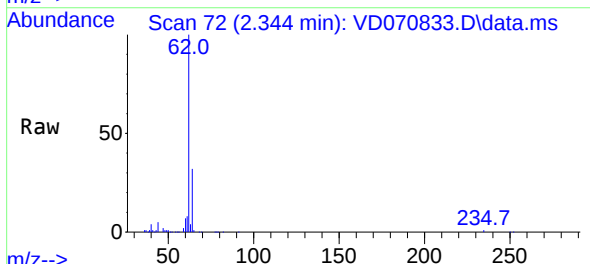
Tgt Ion: 50 Resp: 10825
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.8

Manual Integrations
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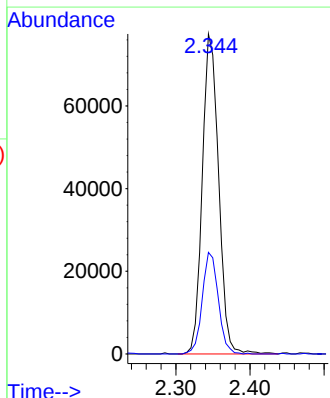
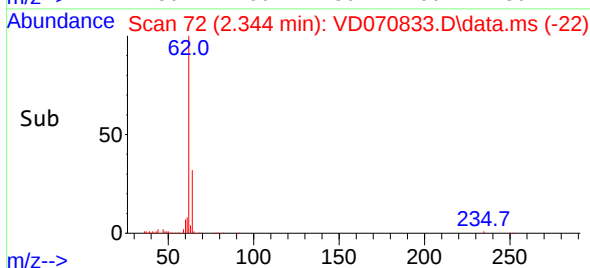
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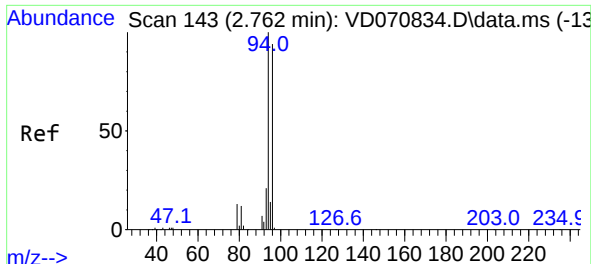


#4
Vinyl Chloride
Concen: 20.174 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion: 62 Resp: 118453
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





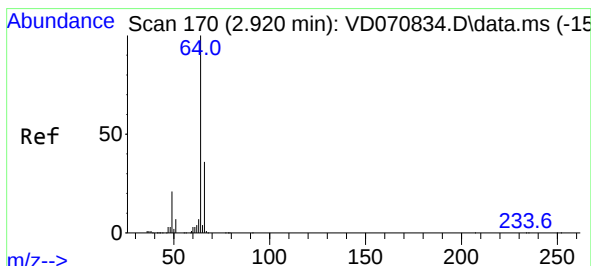
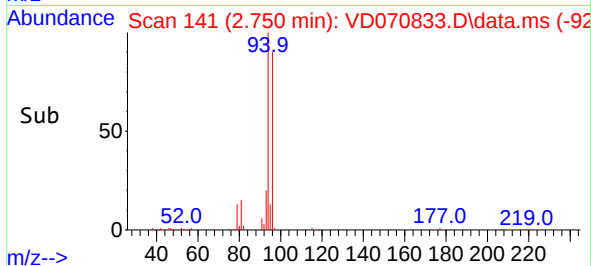
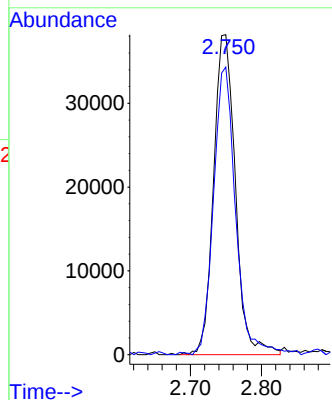
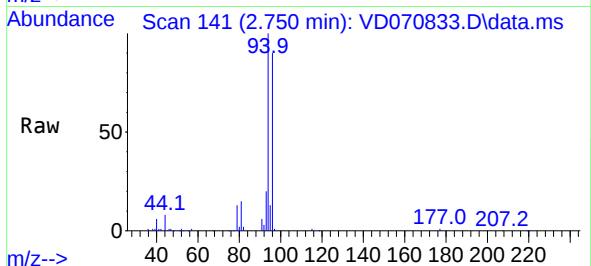
#5
Bromomethane
Concen: 19.330 ug/l
RT: 2.750 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

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Tgt Ion: 94 Resp: 8122
Ion Ratio Lower Upper
94 100
96 89.2 74.8 112.2

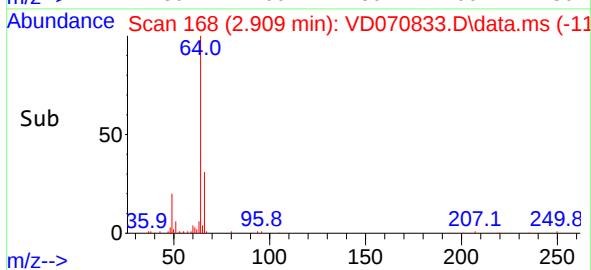
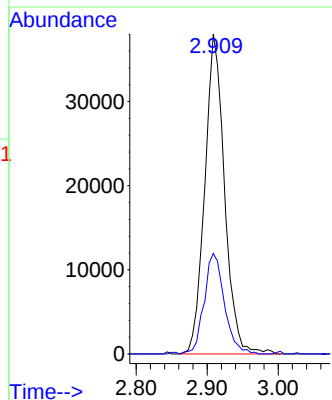
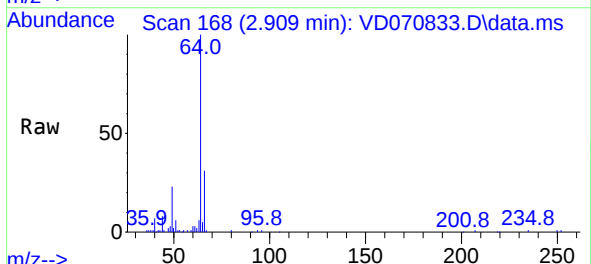
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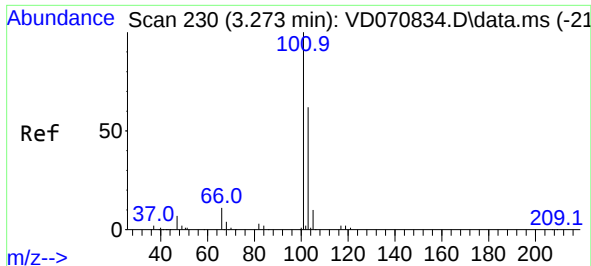
Reviewed By :Vimala Arumugam 10/27/2021
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#6
Chloroethane
Concen: 20.267 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

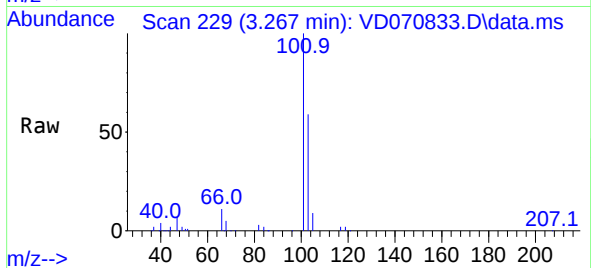
Tgt Ion: 64 Resp: 73623
Ion Ratio Lower Upper
64 100
66 31.4 29.0 43.4





#7
Trichlorofluoromethane
Concen: 20.064 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

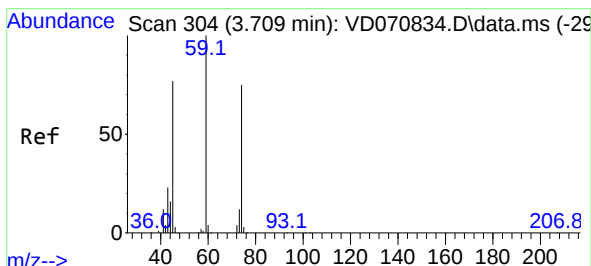
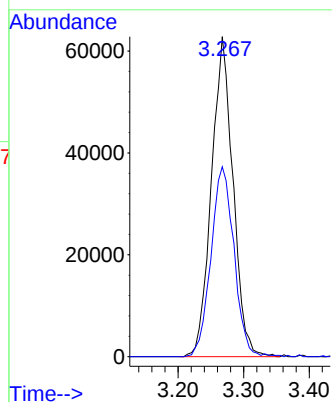
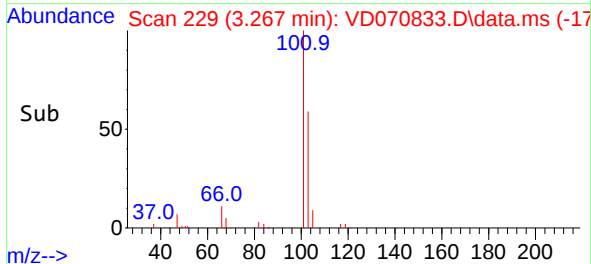
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 143310
Ion Ratio Lower Upper
101 100
103 59.4 49.7 74.5

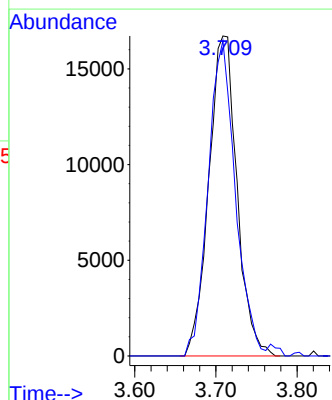
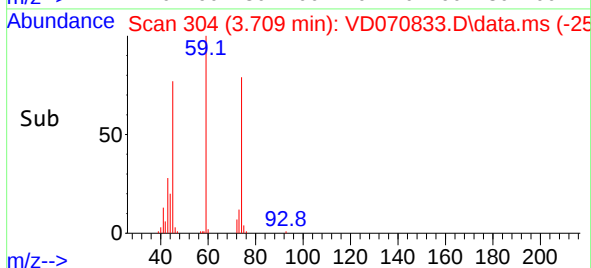
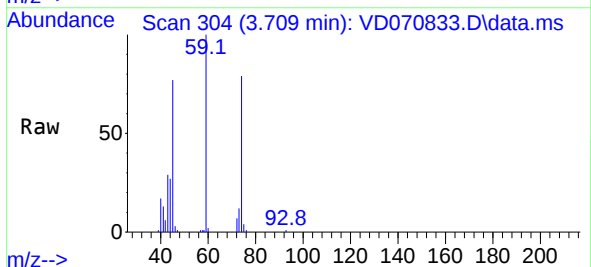
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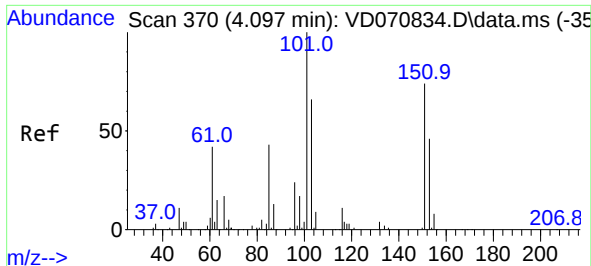
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#8
Diethyl Ether
Concen: 19.765 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Tgt Ion: 74 Resp: 40365
Ion Ratio Lower Upper
74 100
45 95.2 49.6 149.0





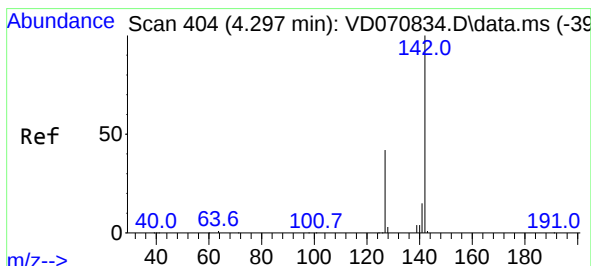
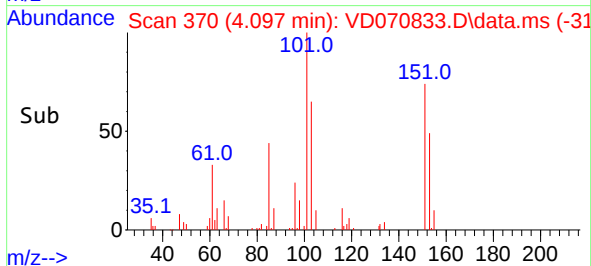
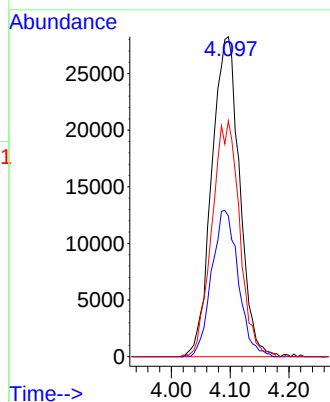
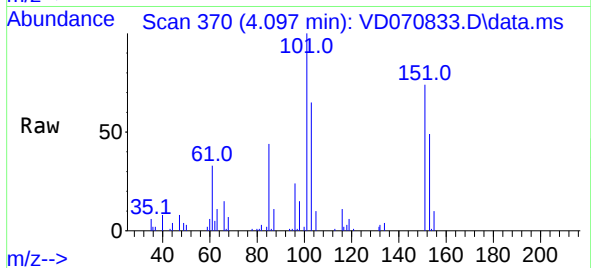
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.094 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 9256
Ion Ratio Lower Upper
101 100
85 43.9 34.8 52.2
151 73.5 60.4 90.6

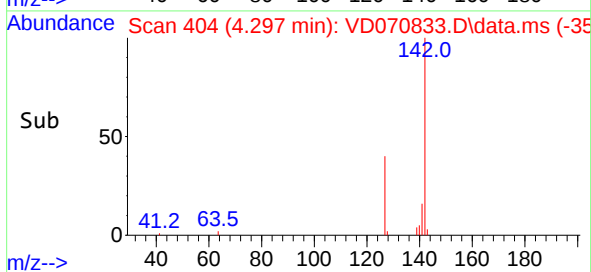
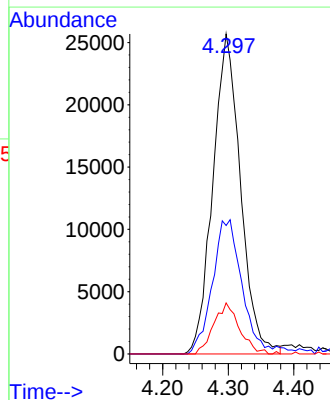
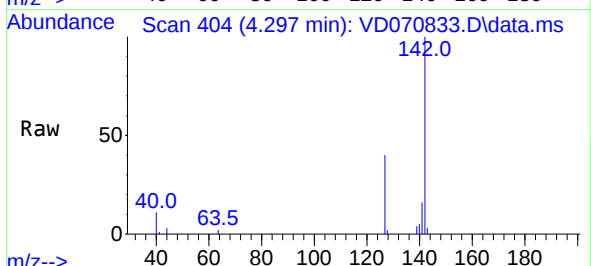
Manual Integrations
APPROVED

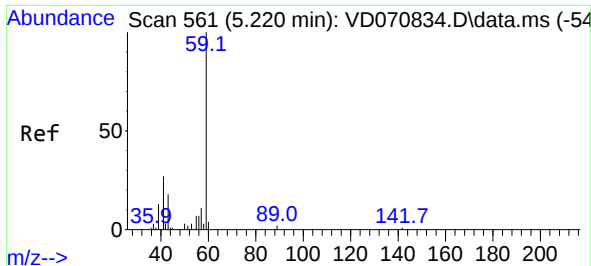
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#10
Methyl Iodide
Concen: 17.777 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

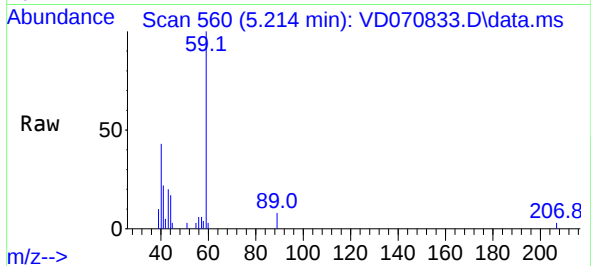
Tgt Ion:142 Resp: 75145
Ion Ratio Lower Upper
142 100
127 44.5 35.0 52.4
141 14.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 102.691 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

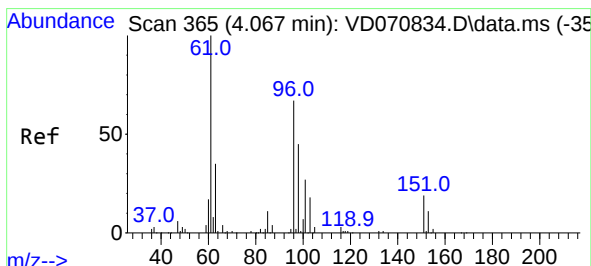
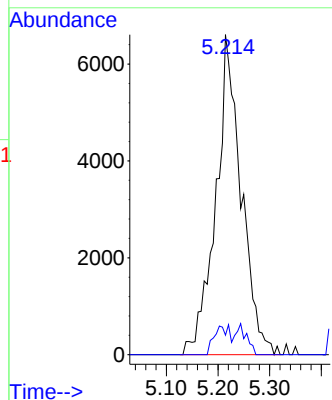
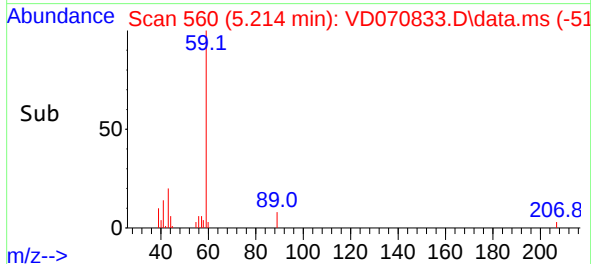
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



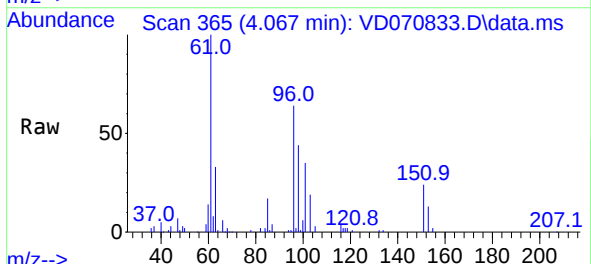
Tgt Ion: 59 Resp: 2260
Ion Ratio Lower Upper
59 100
57 5.5 9.0 13.4

Manual Integrations
APPROVED

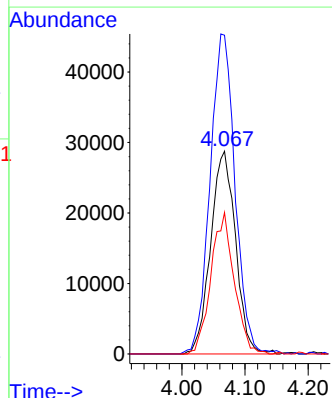
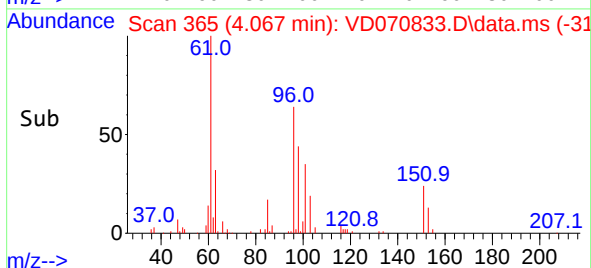
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

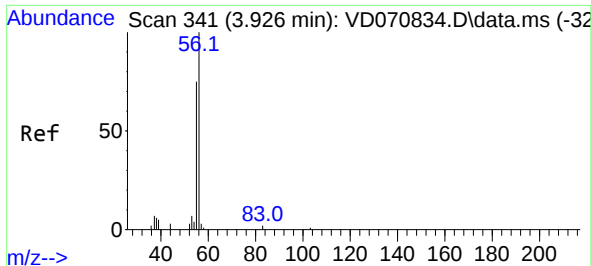


#12
1,1-Dichloroethene
Concen: 19.174 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion: 96 Resp: 78907
Ion Ratio Lower Upper
96 100
61 157.3 120.3 180.5
98 69.8 54.4 81.6





#13

Acrolein

Concen: 98.593 ug/l

RT: 3.920 min Scan# 341

Delta R.T. -0.006 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 19698

Ion Ratio Lower Upper

56 100

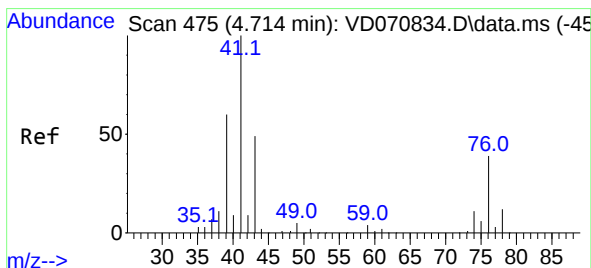
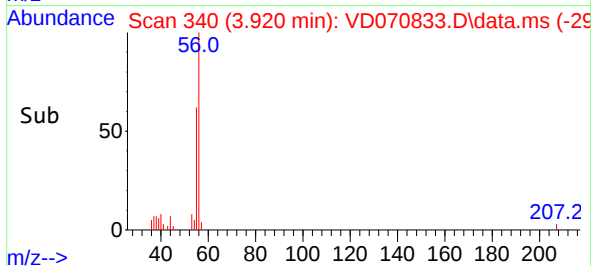
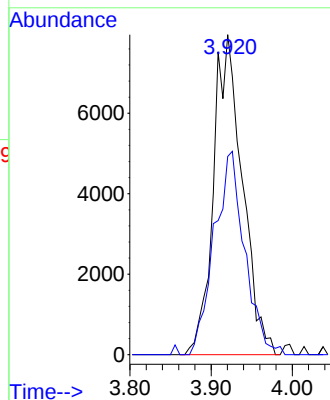
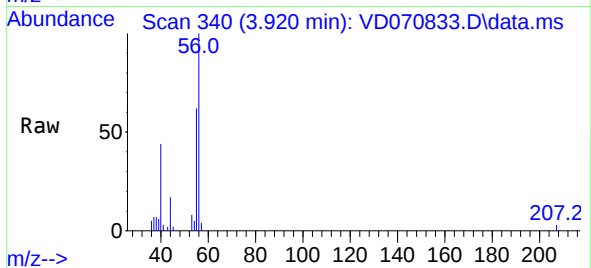
55 66.9 58.6 87.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#14

Allyl chloride

Concen: 19.481 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

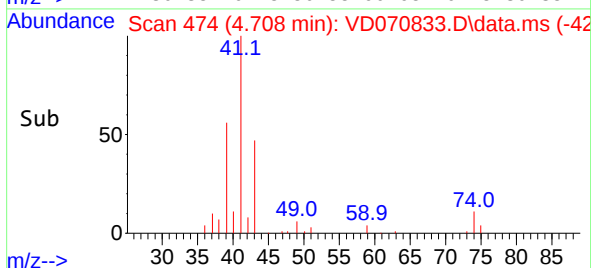
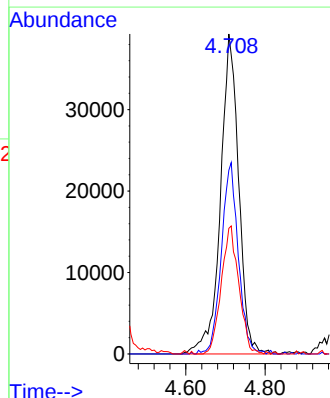
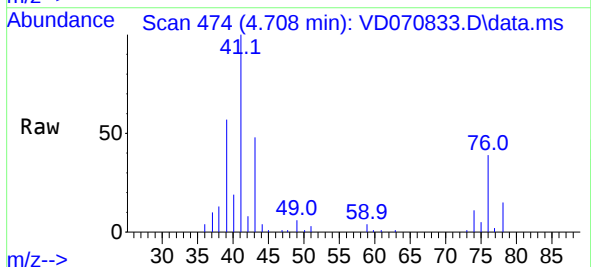
Tgt Ion: 41 Resp: 125091

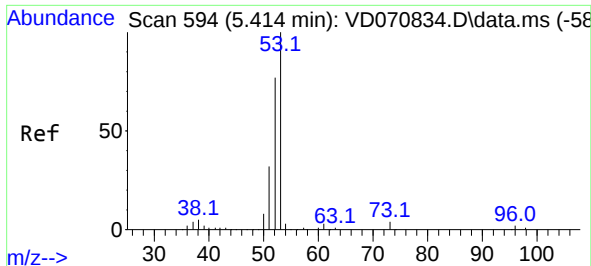
Ion Ratio Lower Upper

41 100

39 55.9 45.6 68.4

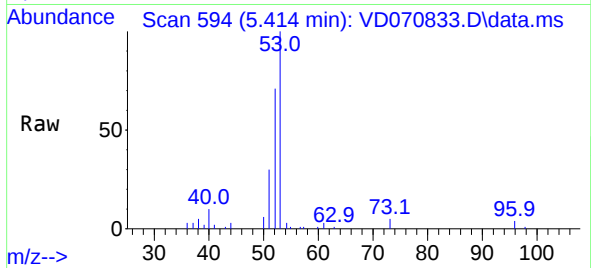
76 38.6 30.2 45.4





#15
Acrylonitrile
Concen: 100.717 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

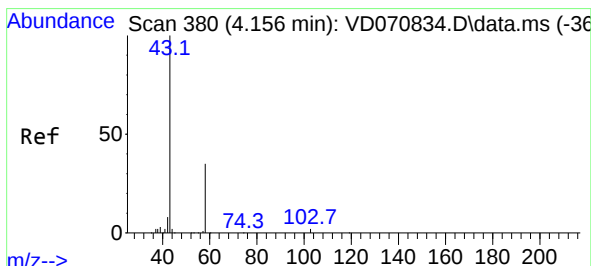
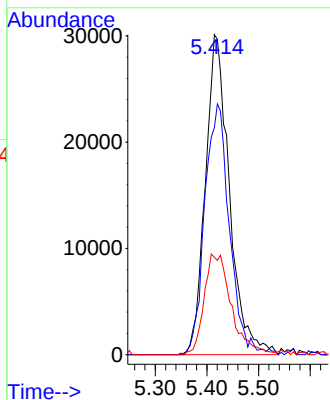
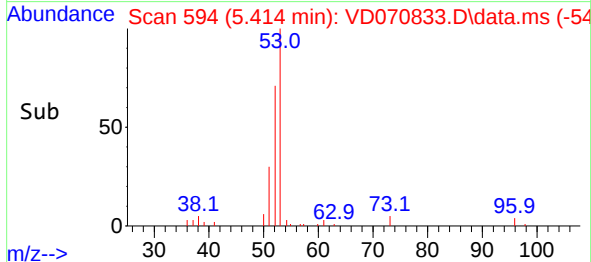
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 9755
Ion Ratio Lower Upper
53 100
52 79.8 63.8 95.8
51 35.4 28.5 42.7

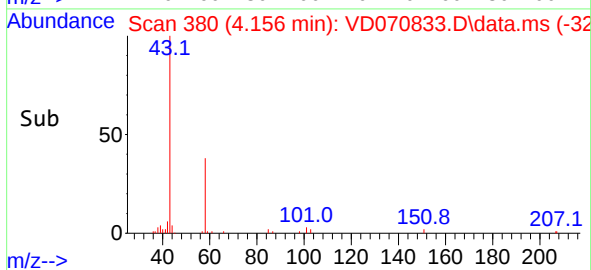
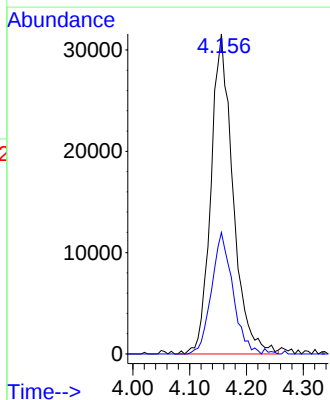
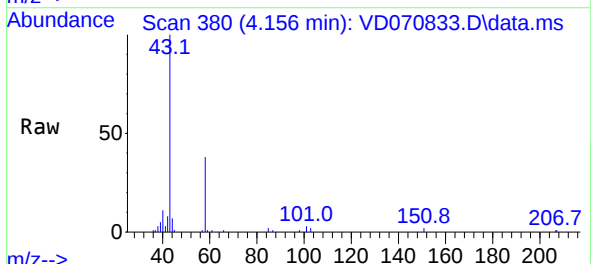
Manual Integrations
APPROVED

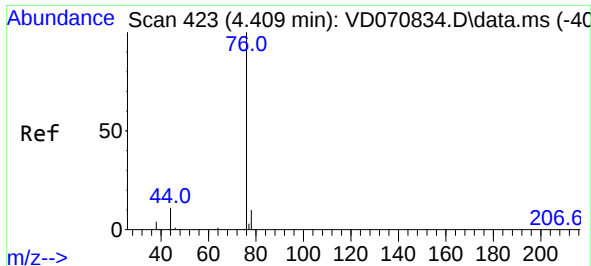
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#16
Acetone
Concen: 90.328 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

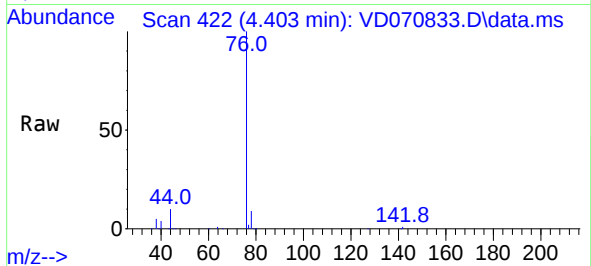
Tgt Ion: 43 Resp: 85302
Ion Ratio Lower Upper
43 100
58 37.9 27.8 41.8





#17
Carbon Disulfide
Concen: 18.847 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

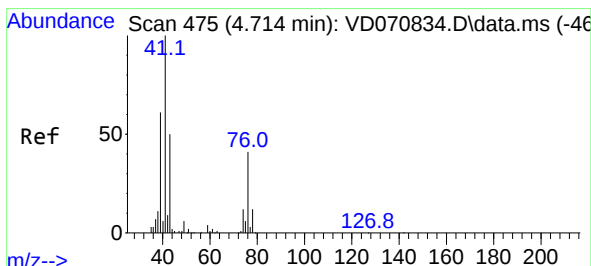
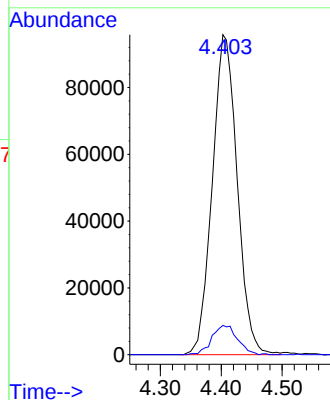
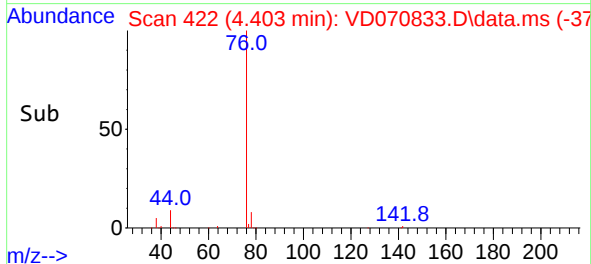
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 272114
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

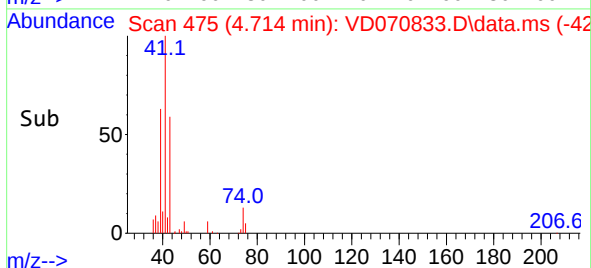
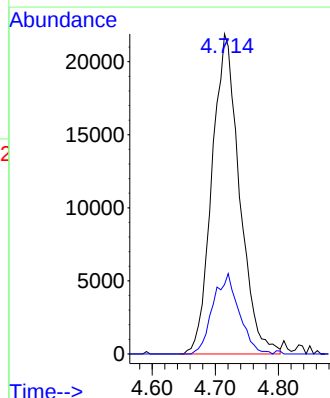
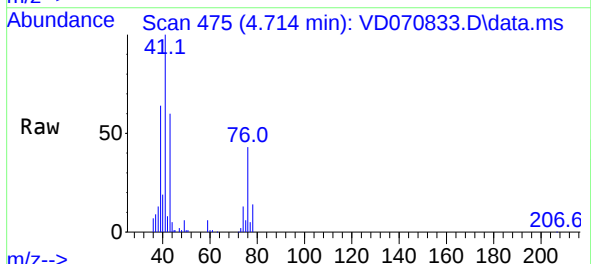
Manual Integrations
APPROVED

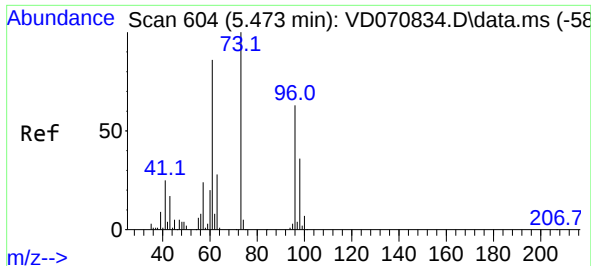
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#18
Methyl Acetate
Concen: 20.307 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

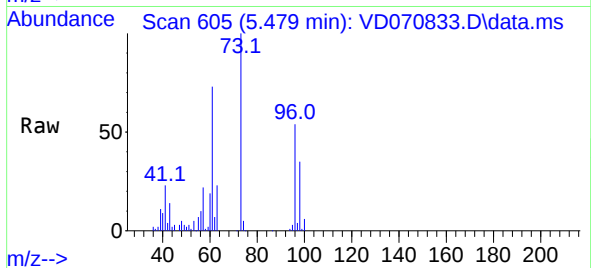
Tgt Ion: 43 Resp: 66440
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 19.814 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

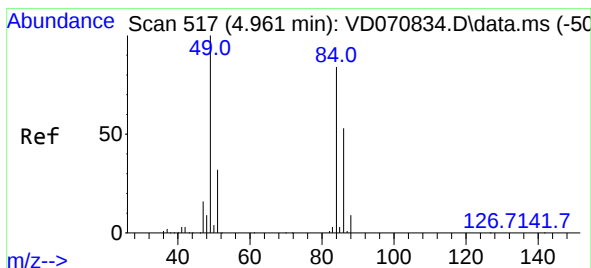
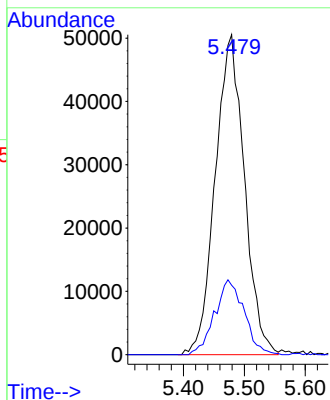
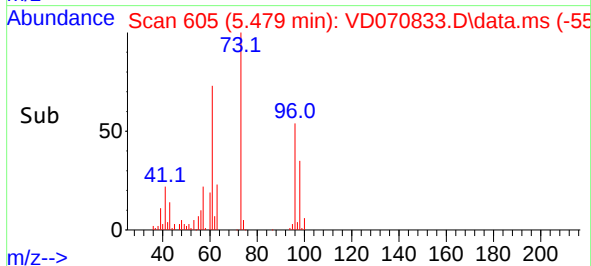
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



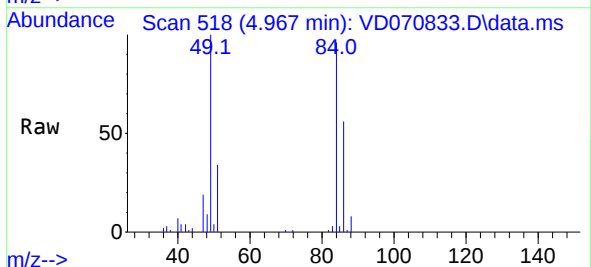
Tgt Ion: 73 Resp: 16790
Ion Ratio Lower Upper
73 100
57 21.7 18.9 28.3

Manual Integrations
APPROVED

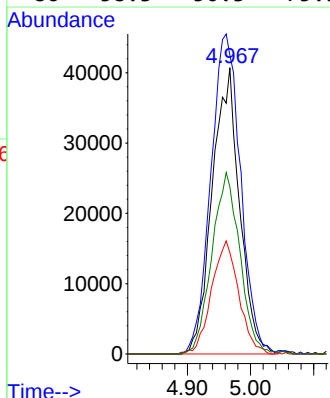
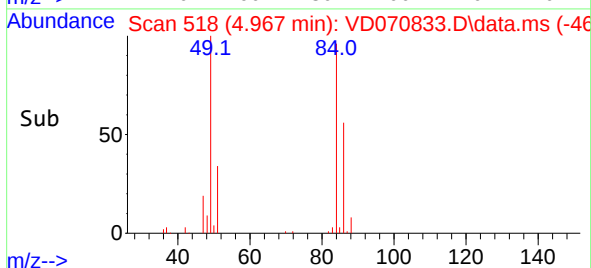
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

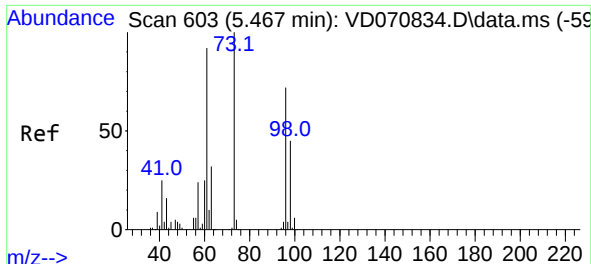


#20
Methylene Chloride
Concen: 19.136 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



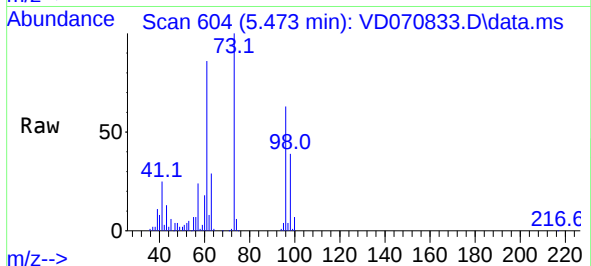
Tgt Ion: 84 Resp: 122325
Ion Ratio Lower Upper
84 100
49 104.4 95.8 143.6
51 35.3 30.9 46.3
86 58.3 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.782 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

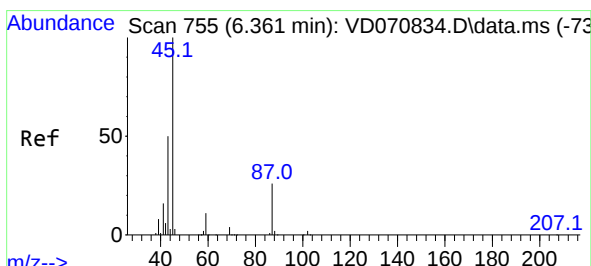
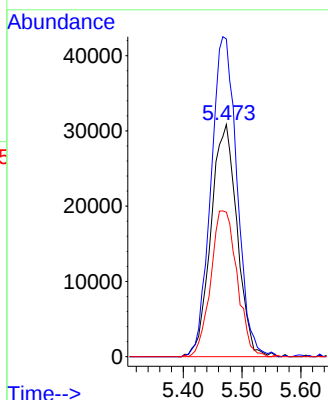
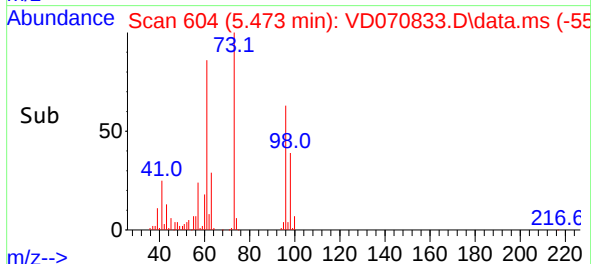
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 95190
Ion Ratio Lower Upper
96 100
61 136.9 102.1 153.1
98 62.3 50.1 75.1

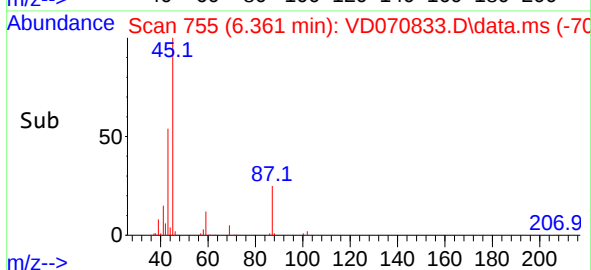
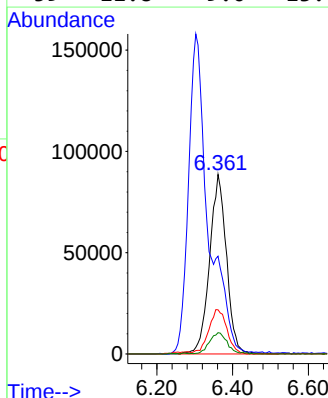
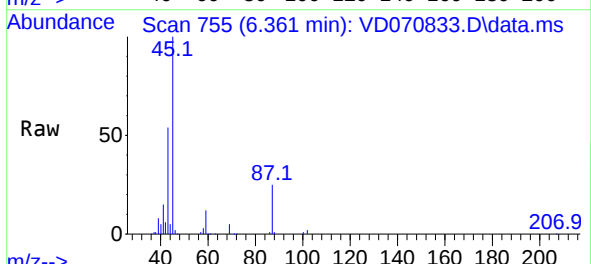
Manual Integrations
APPROVED

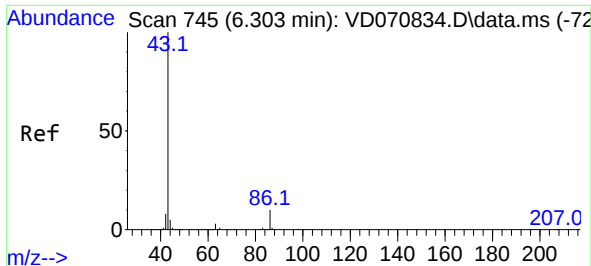
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#22
Diisopropyl ether
Concen: 20.592 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

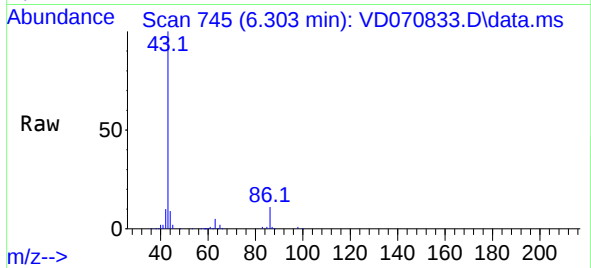
Tgt Ion: 45 Resp: 274436
Ion Ratio Lower Upper
45 100
43 53.8 39.6 59.4
87 24.6 21.2 31.8
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.233 ug/l m
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD070833.D
 Acq: 26 Oct 2021 11:26

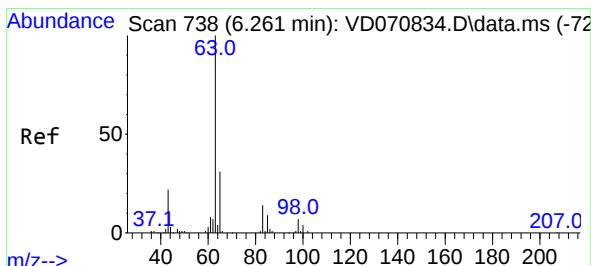
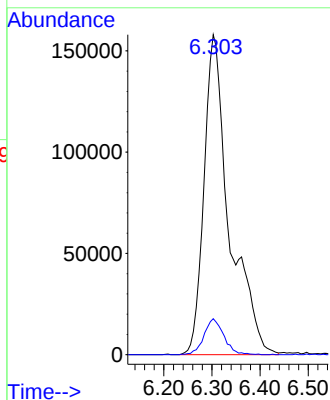
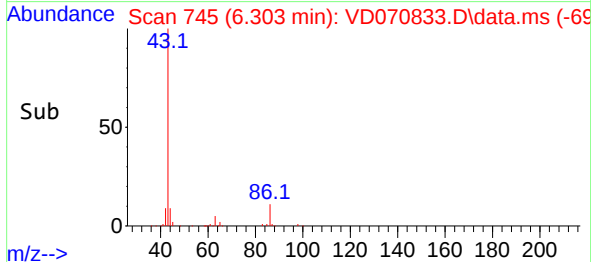
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



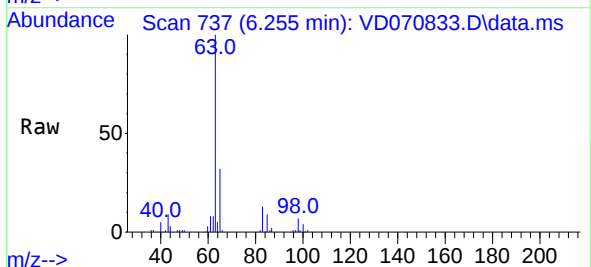
Tgt Ion: 43 Resp: 576849
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

Manual Integrations
 APPROVED

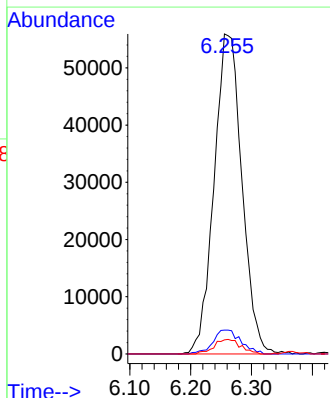
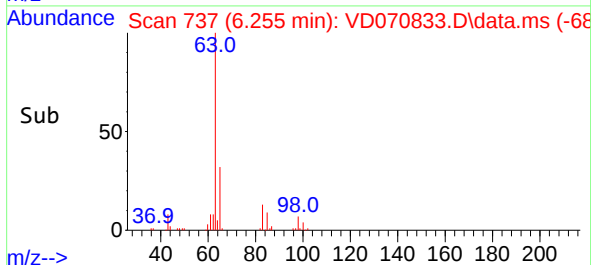
Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

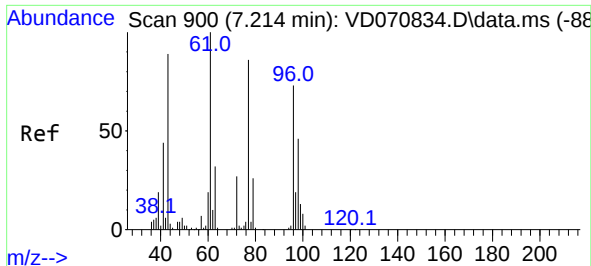


#24
 1,1-Dichloroethane
 Concen: 19.765 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD070833.D
 Acq: 26 Oct 2021 11:26



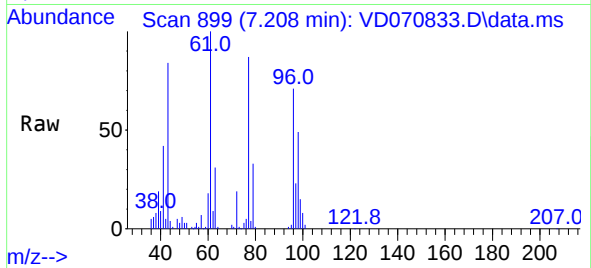
Tgt Ion: 63 Resp: 177517
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 94.998 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

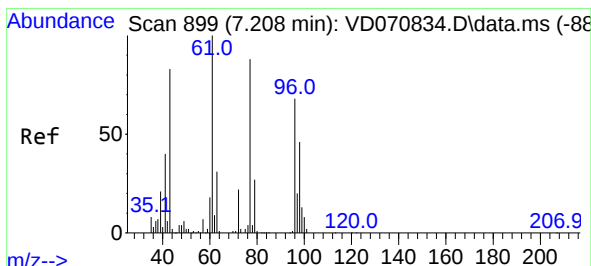
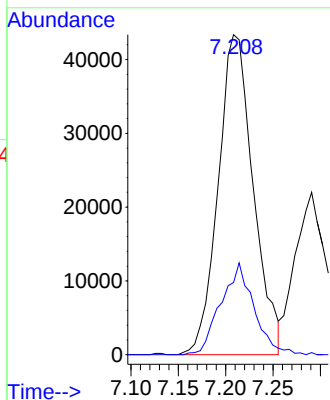
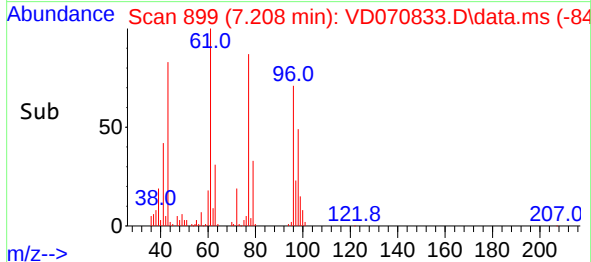
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



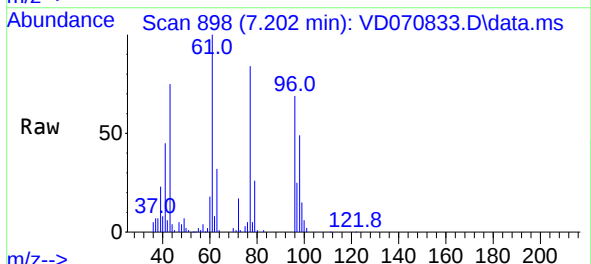
Tgt Ion: 43 Resp: 11198
Ion Ratio Lower Upper
43 100
72 22.6 23.8 35.6

Manual Integrations
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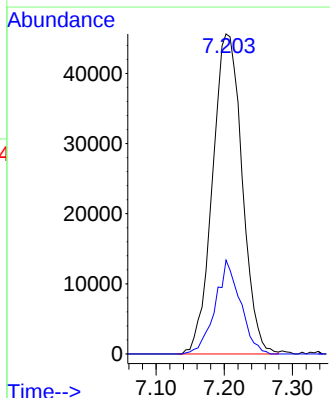
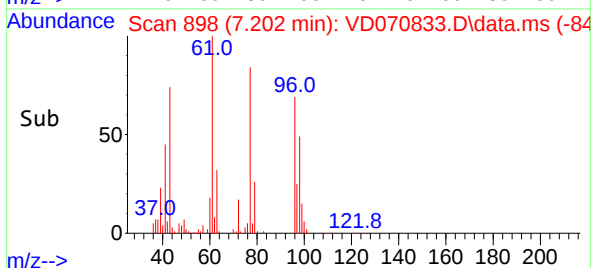
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

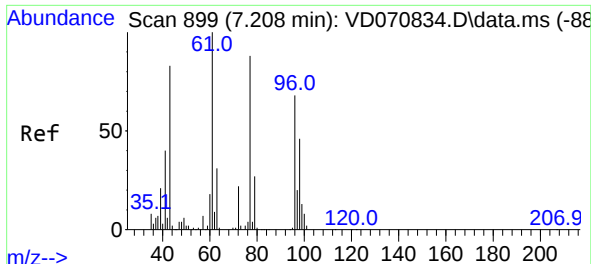


#26
2,2-Dichloropropane
Concen: 19.394 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



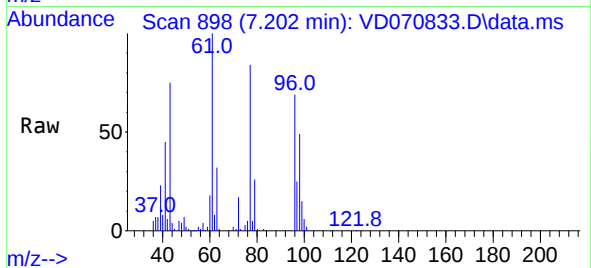
Tgt Ion: 77 Resp: 138047
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 18.981 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

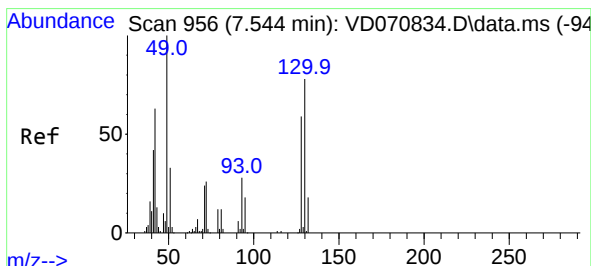
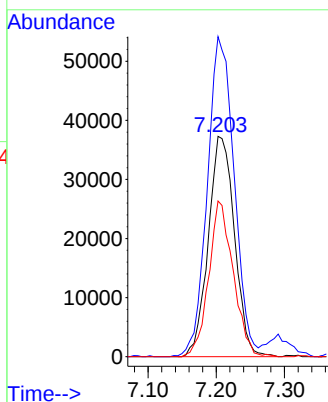
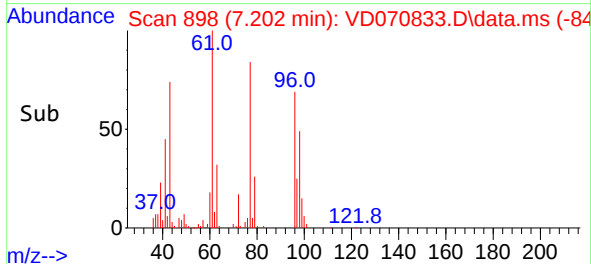
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 9973
Ion Ratio Lower Upper
96 100
61 148.8 0.0 288.6
98 66.1 0.0 129.2

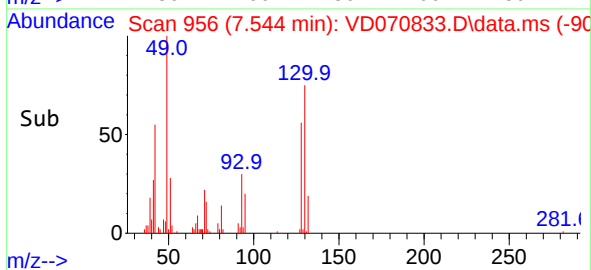
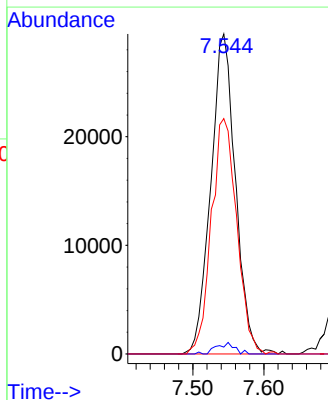
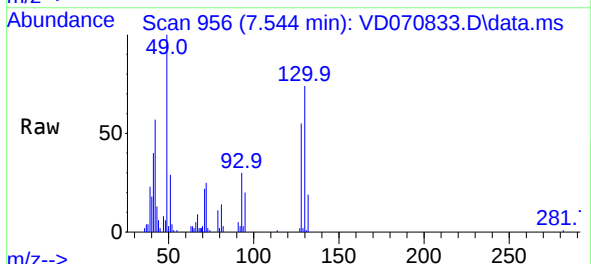
Manual Integrations
APPROVED

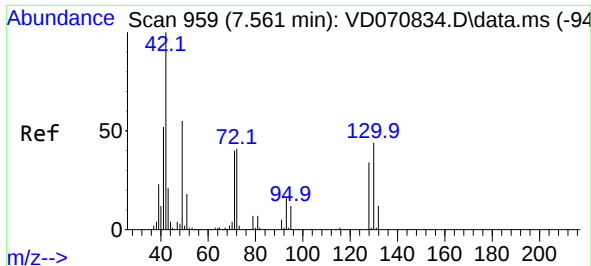
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#28
Bromochloromethane
Concen: 19.889 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Tgt Ion: 49 Resp: 71044
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.0
130 75.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 98.264 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

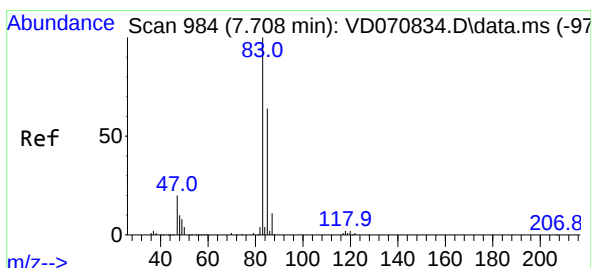
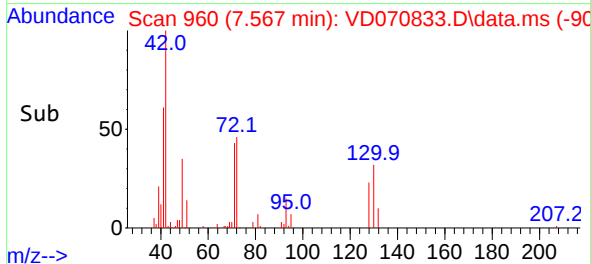
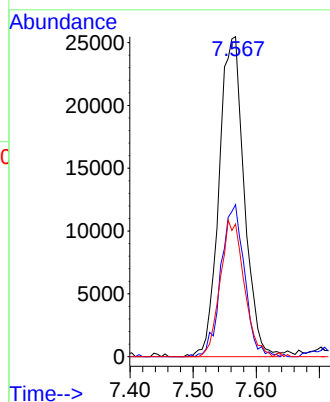
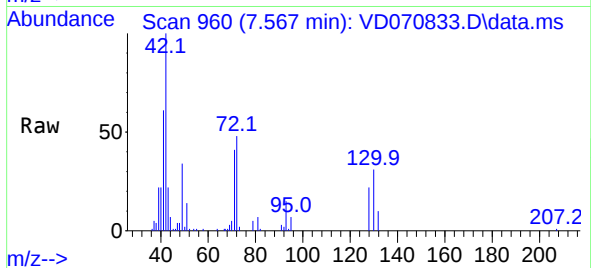
Tgt Ion: 42 Resp: 7031

Ion	Ratio	Lower	Upper
42	100		
72	44.5	33.7	50.5
71	40.6	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30

Chloroform

Concen: 20.226 ug/l

RT: 7.708 min Scan# 984

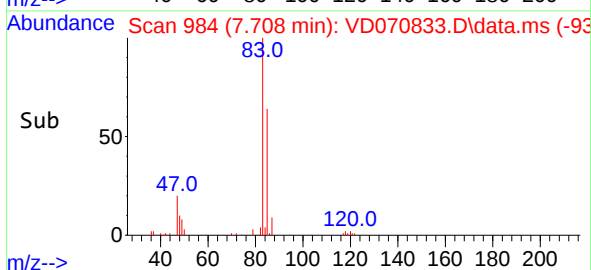
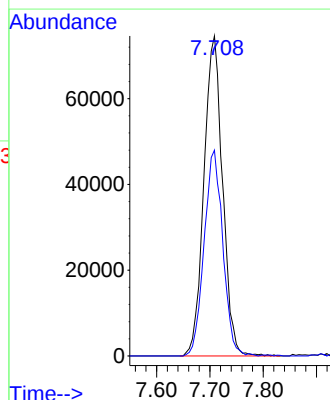
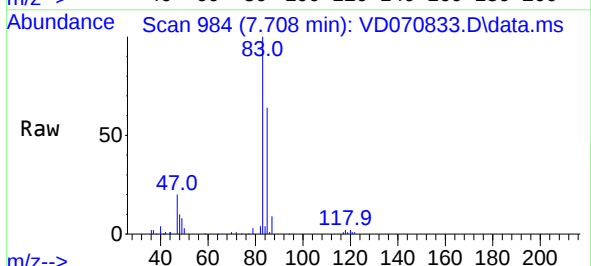
Delta R.T. 0.000 min

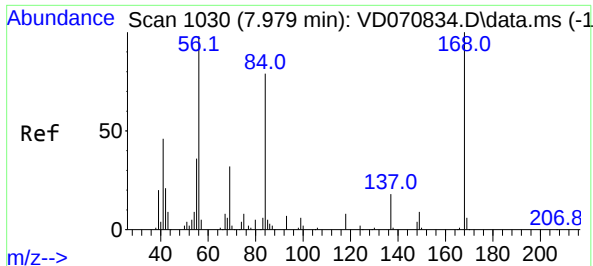
Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Tgt Ion: 83 Resp: 181473

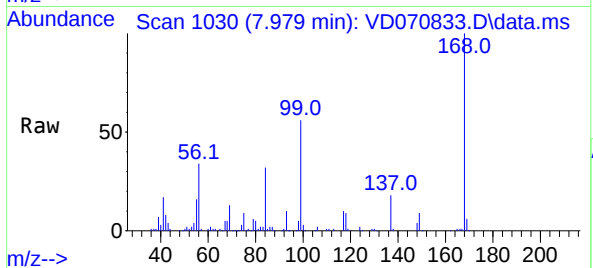
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6





#31
Cyclohexane
Concen: 18.927 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

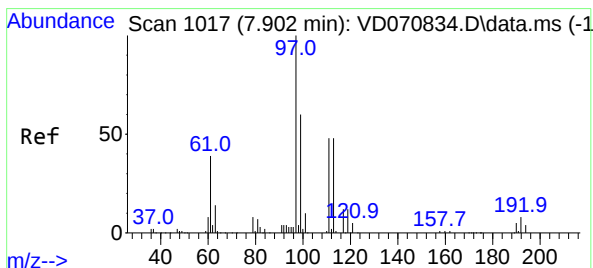
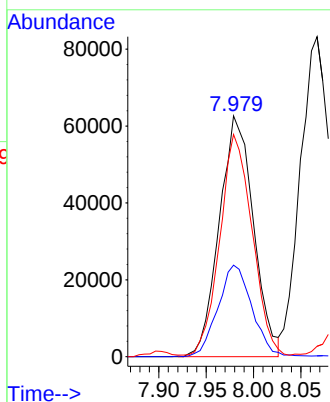
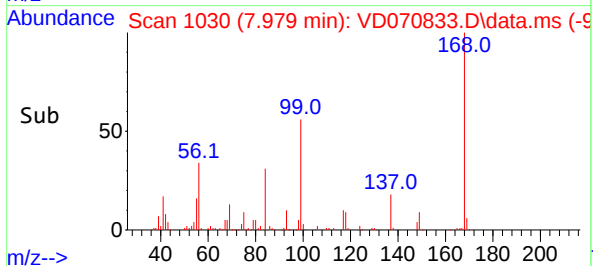
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



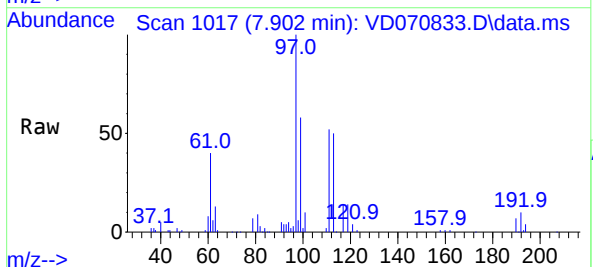
Tgt Ion: 56 Resp: 157220
Ion Ratio Lower Upper
56 100
69 37.7 25.9 38.9
84 91.6 64.3 96.5

Manual Integrations
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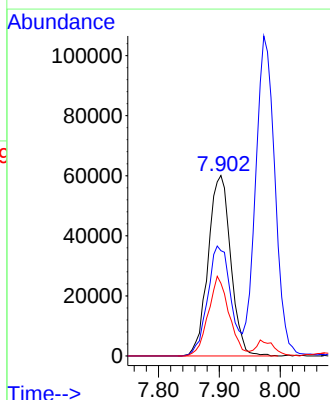
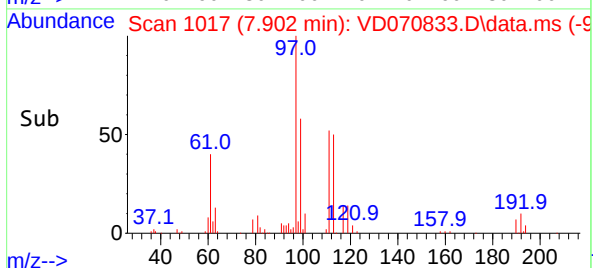
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

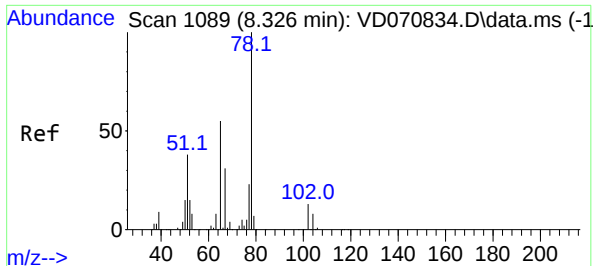


#32
1,1,1-Trichloroethane
Concen: 20.153 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion: 97 Resp: 154782
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 41.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 19.959 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 82359

Ion Ratio Lower Upper

65 100

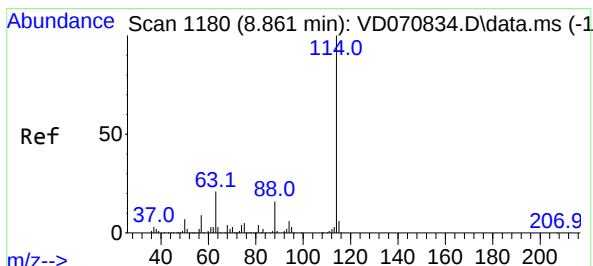
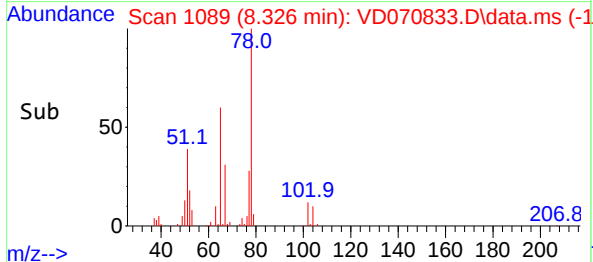
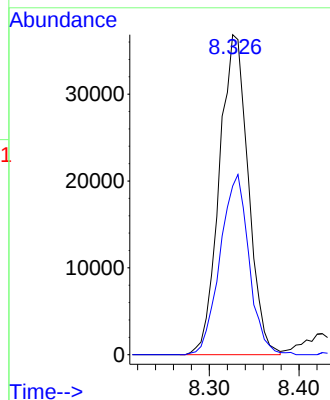
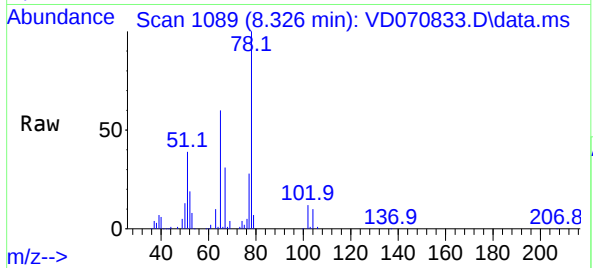
67 56.3 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

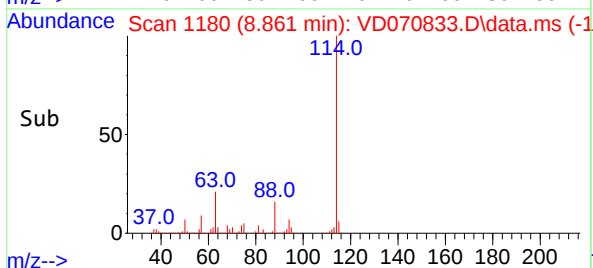
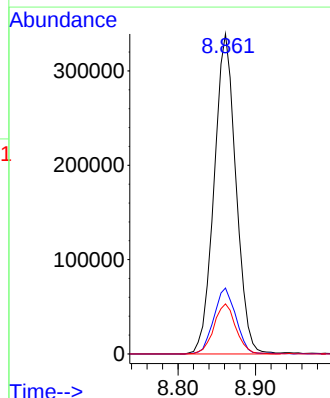
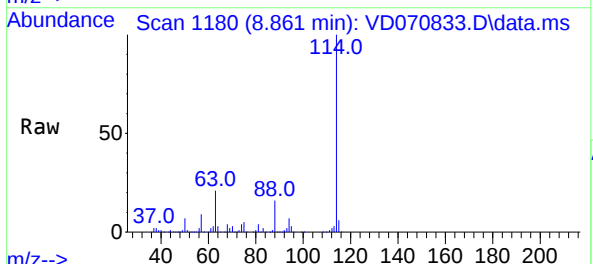
Tgt Ion:114 Resp: 663360

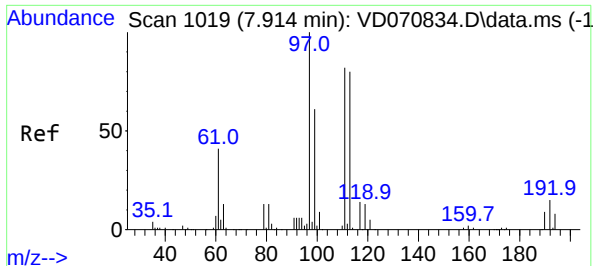
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

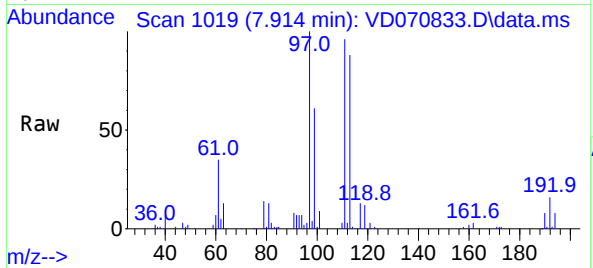
88 15.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 20.100 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

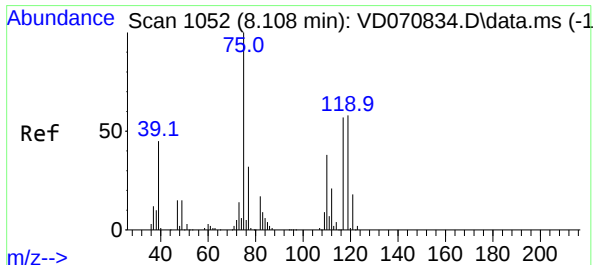
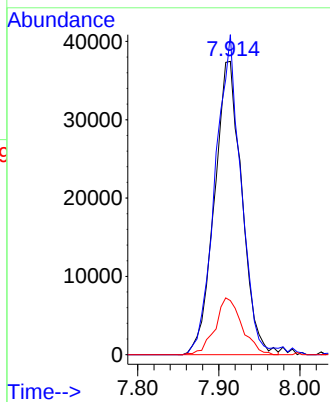
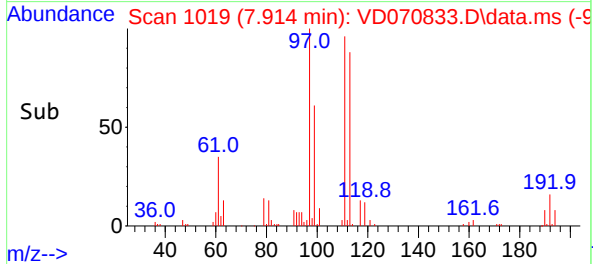
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



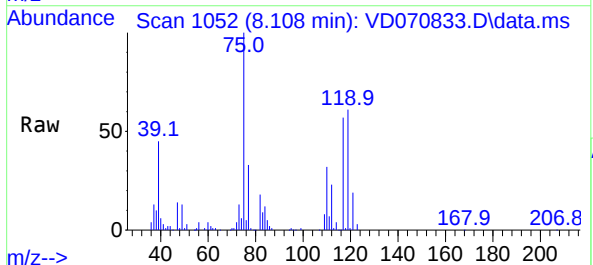
Tgt Ion: 113 Resp: 8789
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 19.0 15.2 22.8

Manual Integrations
APPROVED

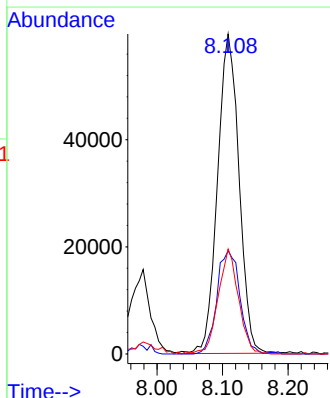
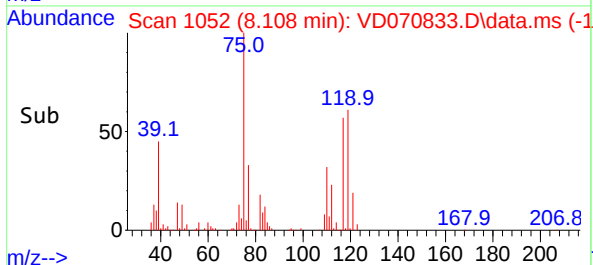
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

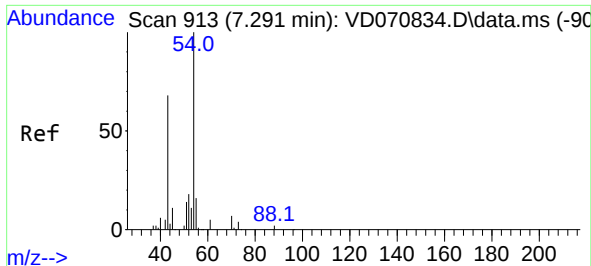


#36
1,1-Dichloropropene
Concen: 19.634 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



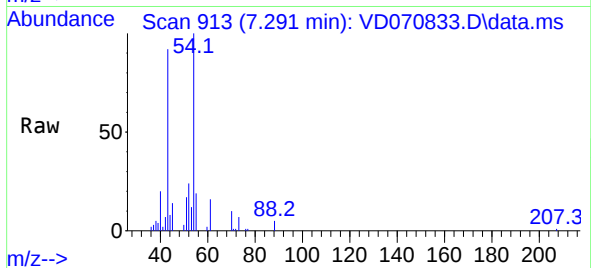
Tgt Ion: 75 Resp: 135554
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.4
77 31.2 24.8 37.2





#37
Ethyl Acetate
Concen: 20.723 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

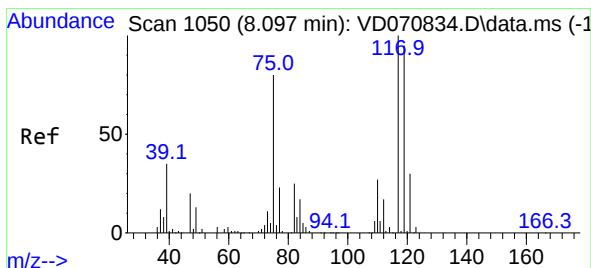
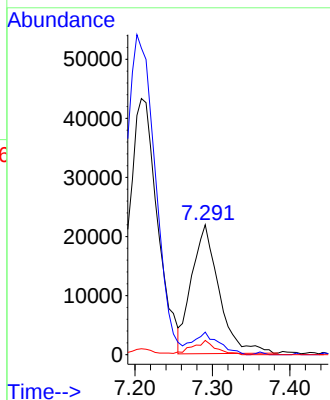
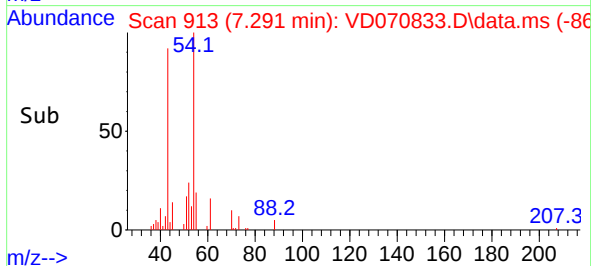
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 53600
Ion Ratio Lower Upper
43 100
61 16.5 13.0 19.6
70 9.4 8.7 13.1

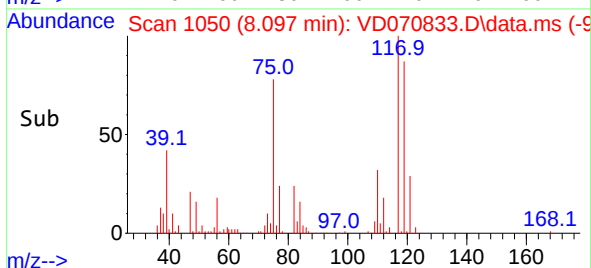
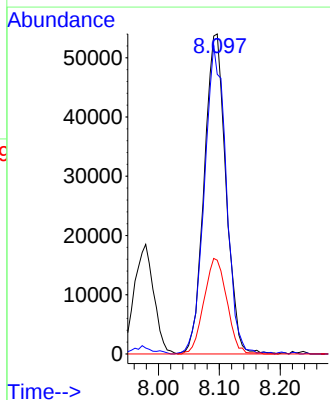
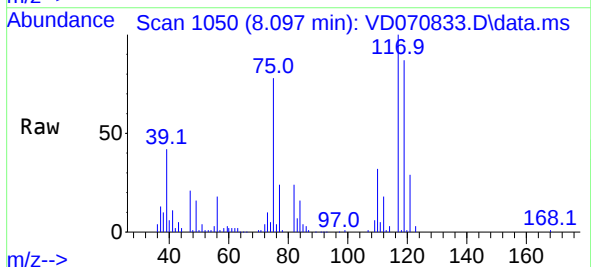
Manual Integrations
APPROVED

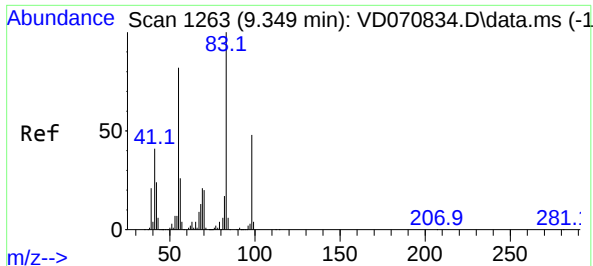
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#38
Carbon Tetrachloride
Concen: 19.549 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Tgt Ion:117 Resp: 133996
Ion Ratio Lower Upper
117 100
119 87.1 75.8 113.6
121 29.3 23.6 35.4





#39

Methylcyclohexane

Concen: 18.833 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

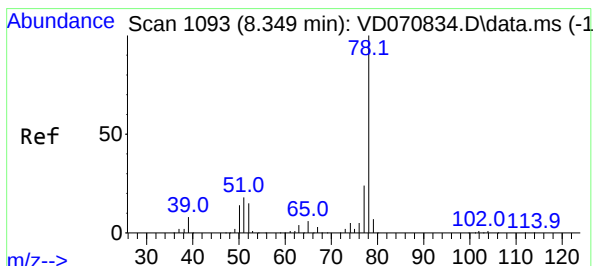
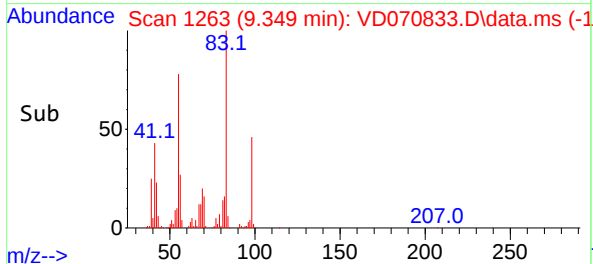
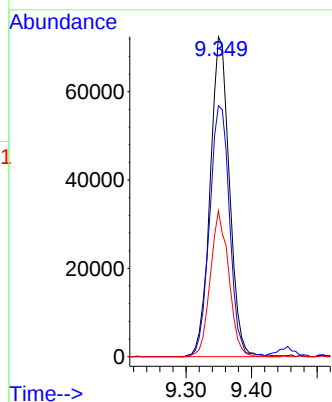
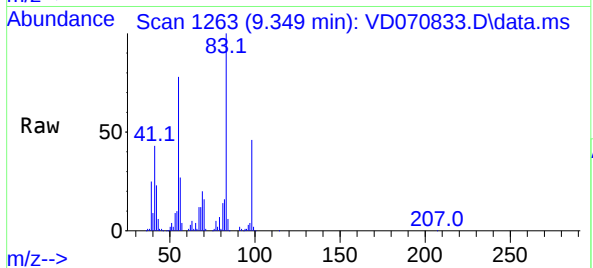
Tgt Ion: 83 Resp: 148180

Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.8	98.8
98	45.6	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#40

Benzene

Concen: 19.786 ug/l

RT: 8.350 min Scan# 1093

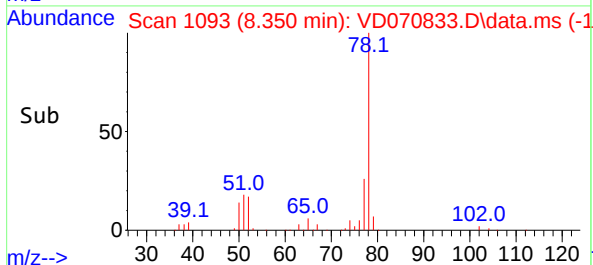
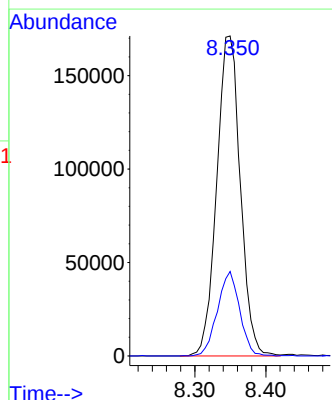
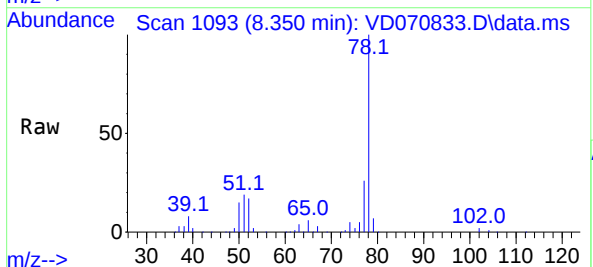
Delta R.T. 0.000 min

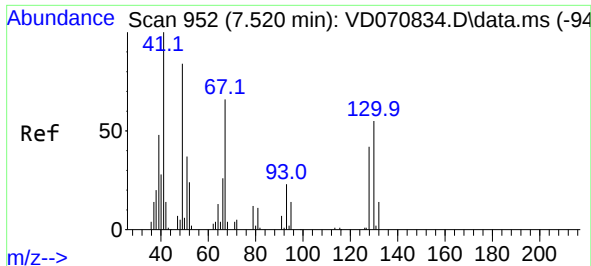
Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Tgt Ion: 78 Resp: 393720

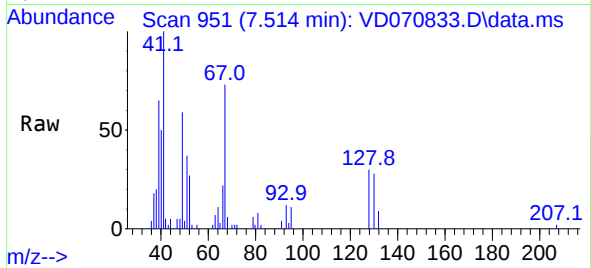
Ion	Ratio	Lower	Upper
78	100		
77	26.4	19.1	28.7





#41
Methacrylonitrile
Concen: 19.640 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

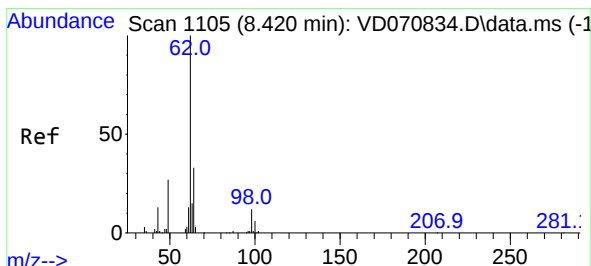
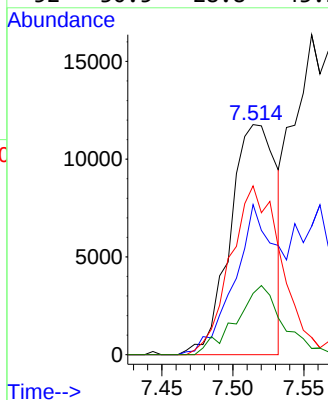
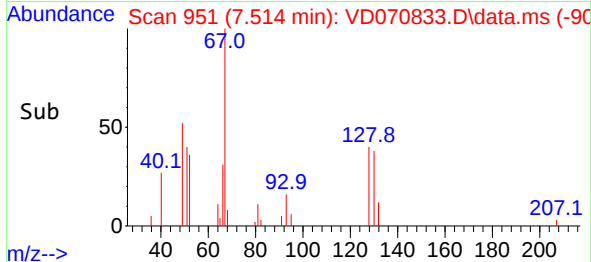
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



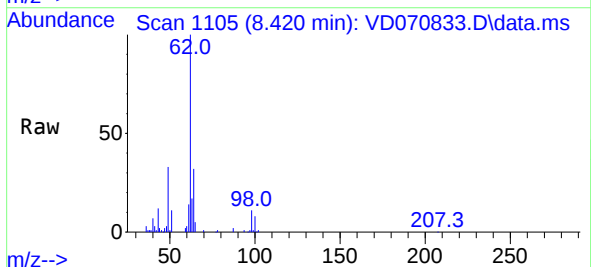
Tgt Ion: 41 Resp: 2656
Ion Ratio Lower Upper
41 100
39 62.1 60.2 90.4
67 82.6 74.8 112.2
52 30.5 28.8 43.2

Manual Integrations
APPROVED

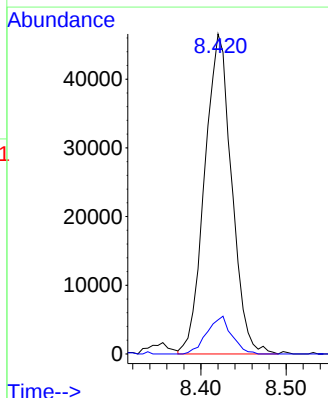
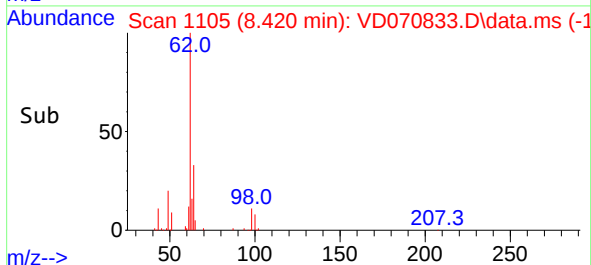
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

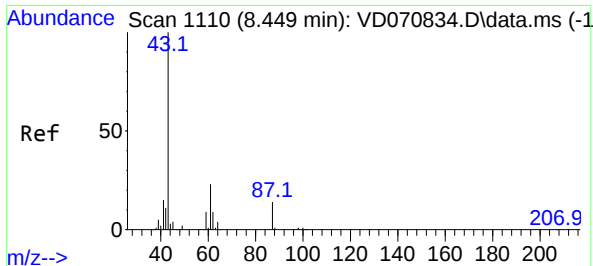


#42
1,2-Dichloroethane
Concen: 20.204 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



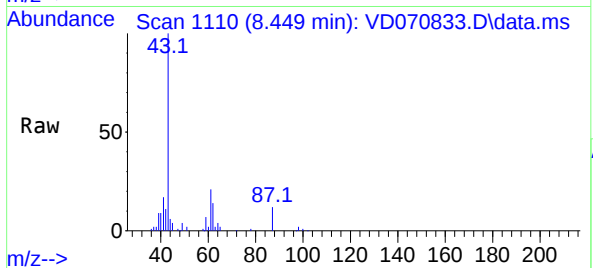
Tgt Ion: 62 Resp: 102587
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.8





Isopropyl Acetate
Concen: 19.984 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

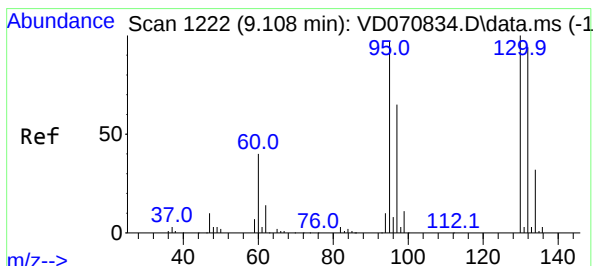
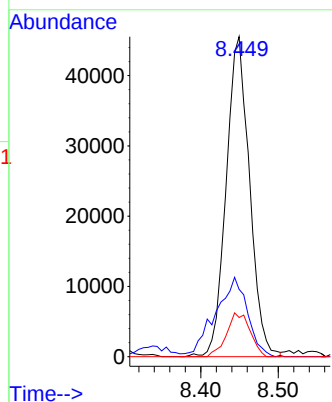
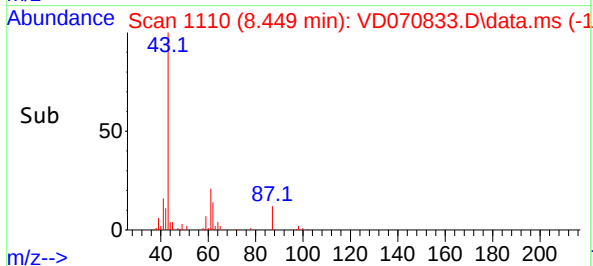
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



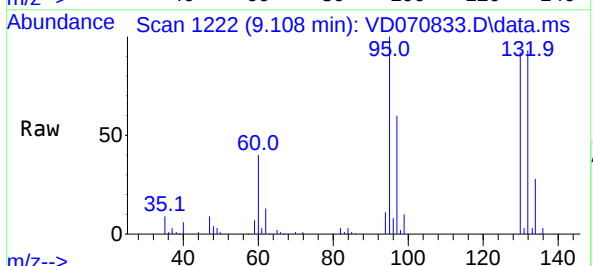
Tgt Ion: 43 Resp: 95520
Ion Ratio Lower Upper
43 100
61 34.0 28.2 42.4
87 13.8 10.7 16.1

Manual Integrations
APPROVED

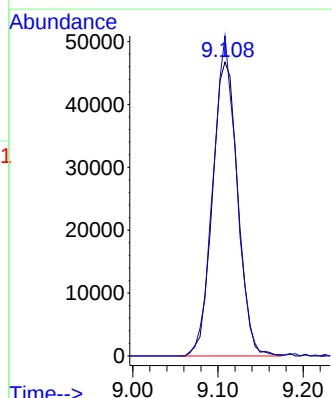
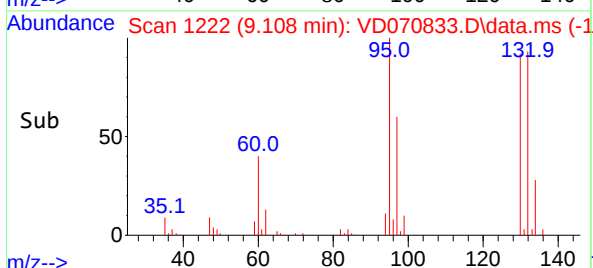
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

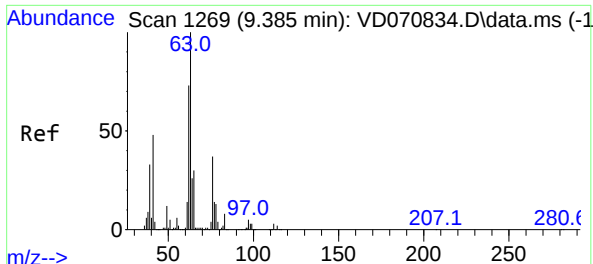


Trichloroethene
Concen: 18.834 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



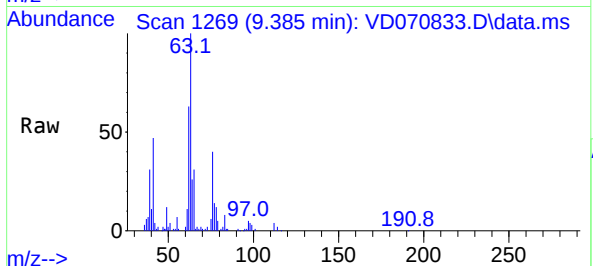
Tgt Ion:130 Resp: 96797
Ion Ratio Lower Upper
130 100
95 108.9 0.0 193.2





#45
1,2-Dichloropropane
Concen: 20.435 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

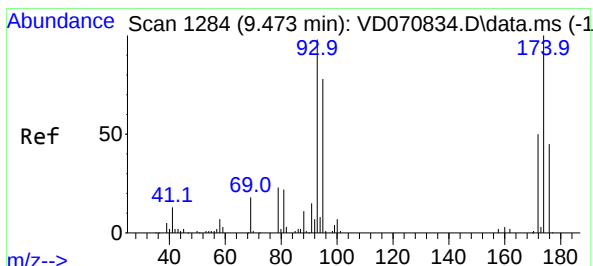
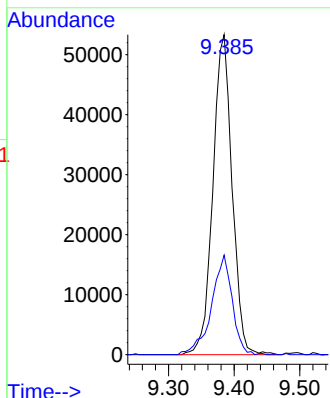
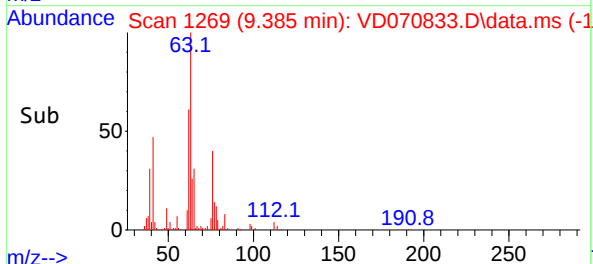
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



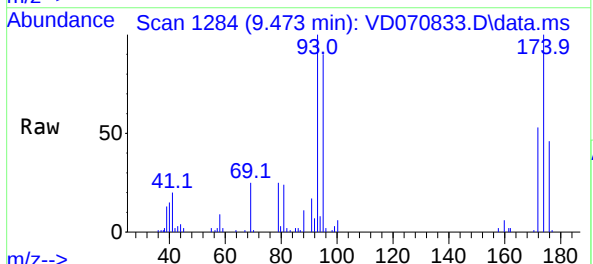
Tgt Ion: 63 Resp: 108394
Ion Ratio Lower Upper
63 100
65 31.1 24.2 36.2

Manual Integrations
APPROVED

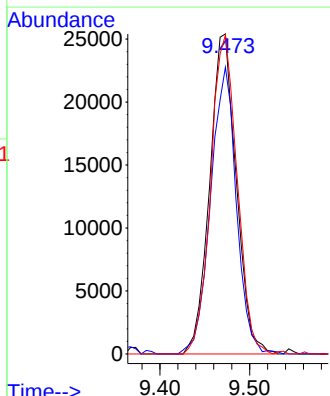
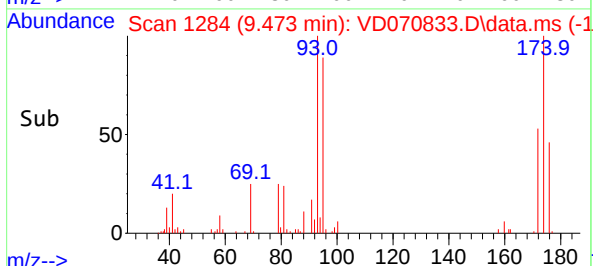
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

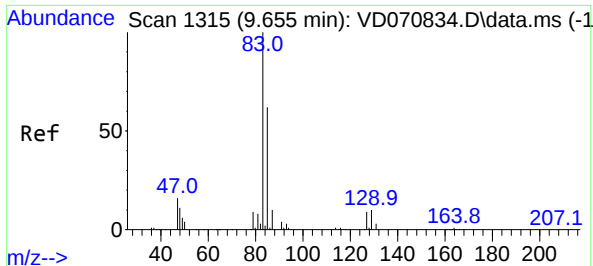


#46
Dibromomethane
Concen: 19.966 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



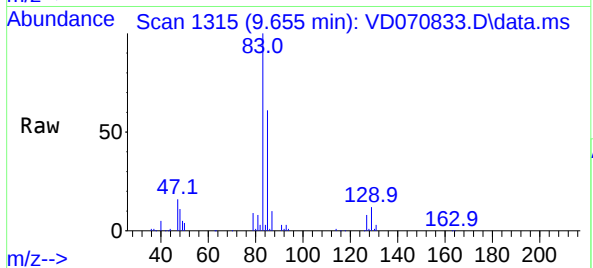
Tgt Ion: 93 Resp: 52281
Ion Ratio Lower Upper
93 100
95 86.8 66.1 99.1
174 98.5 78.6 117.8





#47
Bromodichloromethane
Concen: 20.377 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

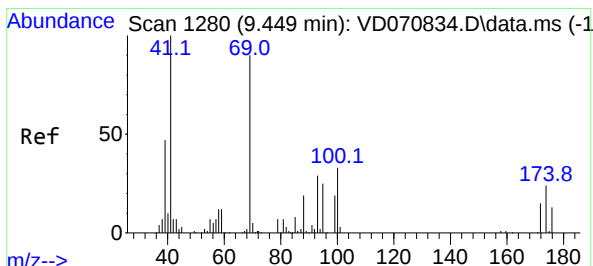
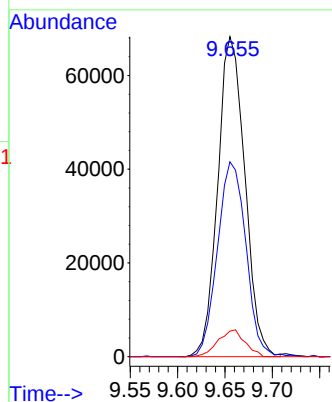
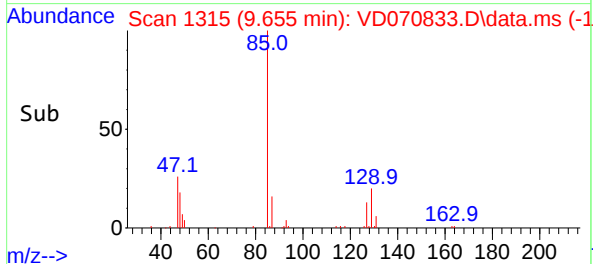
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



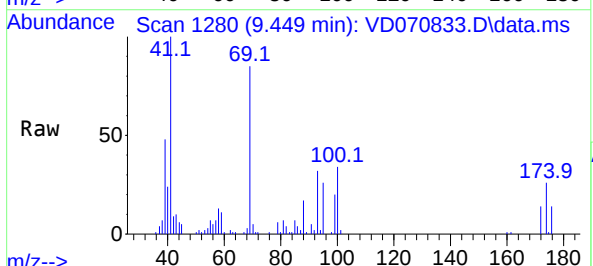
Tgt Ion: 83 Resp: 135972
Ion Ratio Lower Upper
83 100
85 60.9 50.0 75.0
127 8.0 7.3 10.9

Manual Integrations
APPROVED

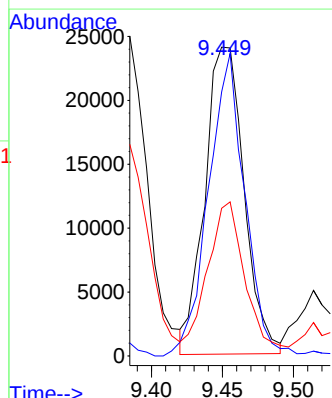
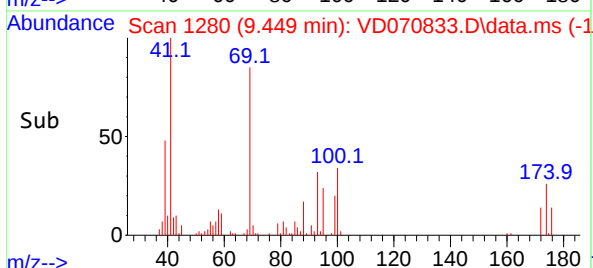
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

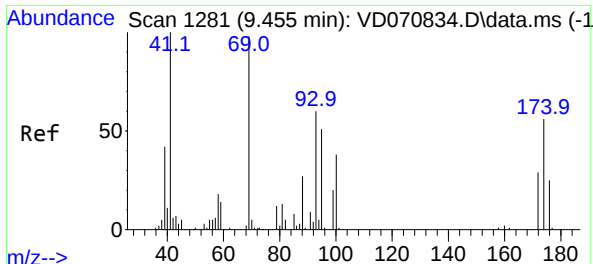


#48
Methyl methacrylate
Concen: 20.034 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion: 41 Resp: 46125
Ion Ratio Lower Upper
41 100
69 91.5 69.8 104.6
39 49.3 35.6 53.4





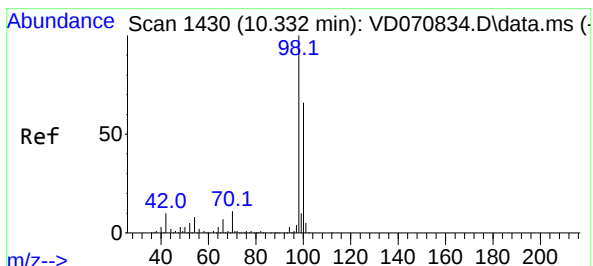
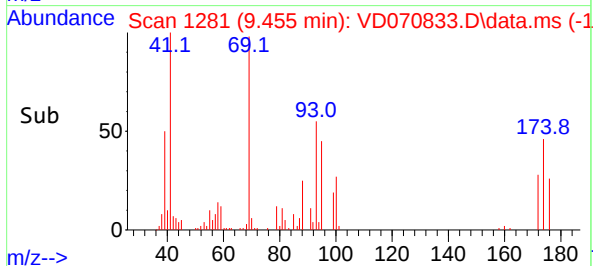
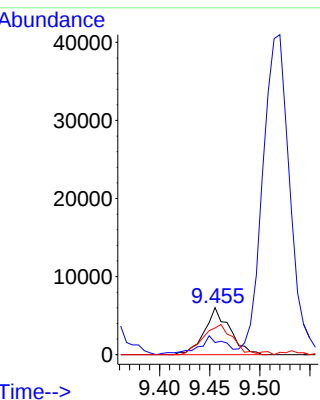
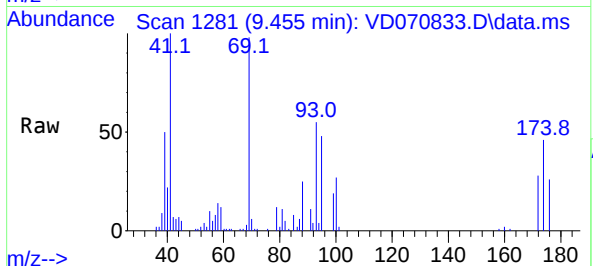
#49
1,4-Dioxane
Concen: 377.985 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 10564
Ion Ratio Lower Upper
88 100
43 40.4 28.9 43.3
58 76.6 56.3 84.5

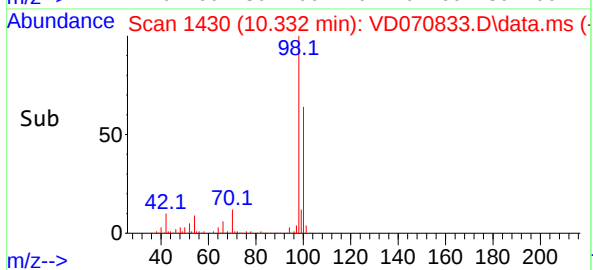
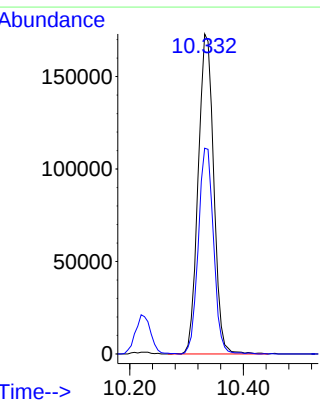
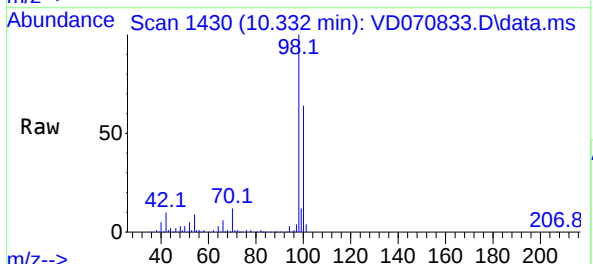
Manual Integrations
APPROVED

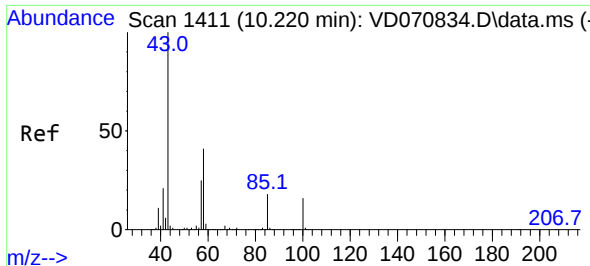
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#50
Toluene-d8
Concen: 19.923 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

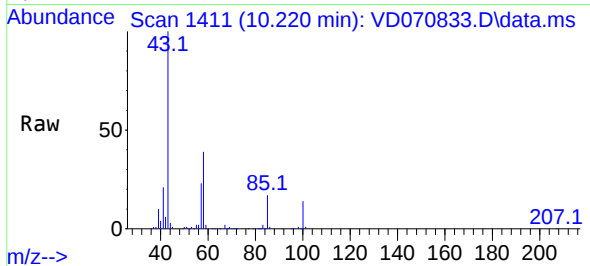
Tgt Ion: 98 Resp: 327113
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 102.011 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

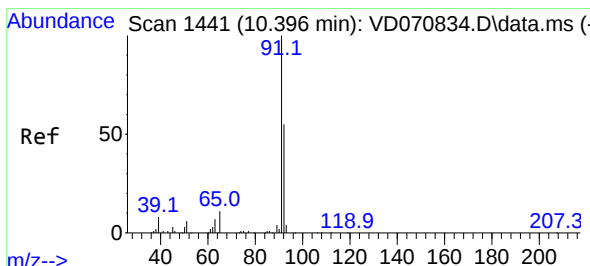
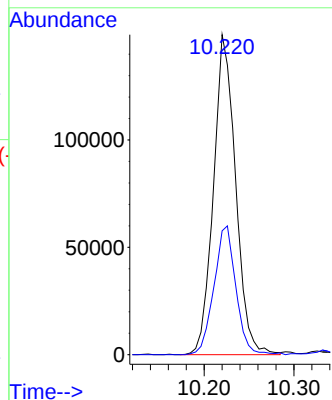
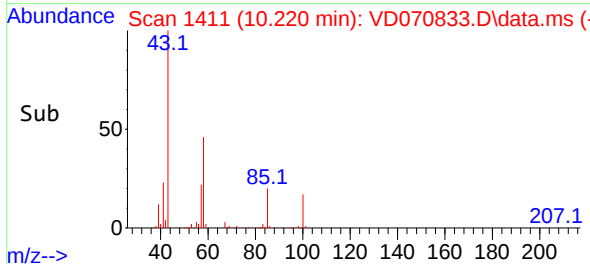
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



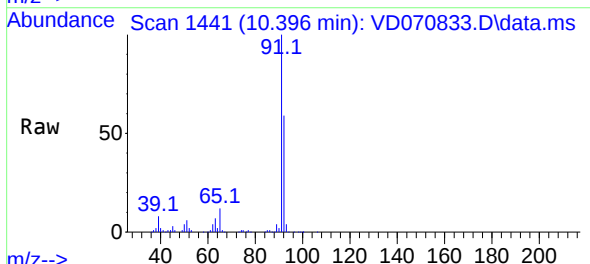
Tgt Ion: 43 Resp: 255530
Ion Ratio Lower Upper
43 100
58 39.9 33.1 49.7

Manual Integrations
APPROVED

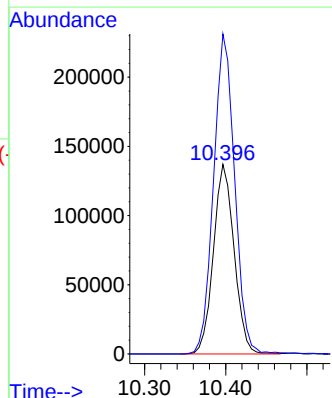
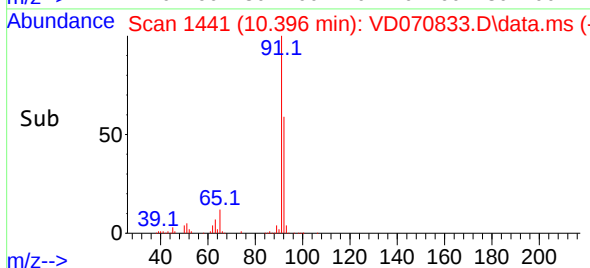
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

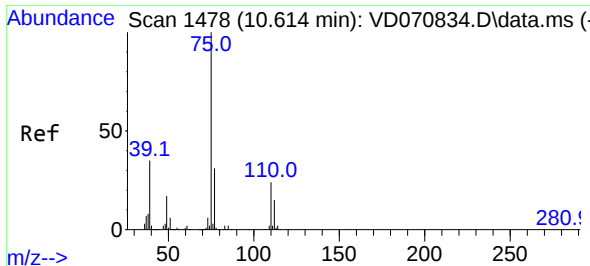


#52
Toluene
Concen: 20.039 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



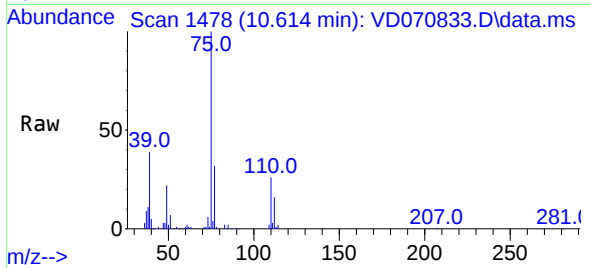
Tgt Ion: 92 Resp: 242599
Ion Ratio Lower Upper
92 100
91 172.3 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 19.779 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

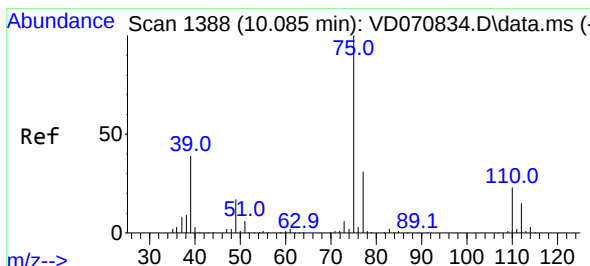
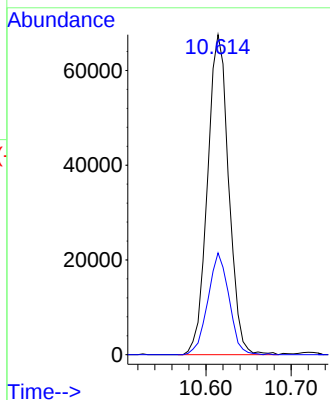
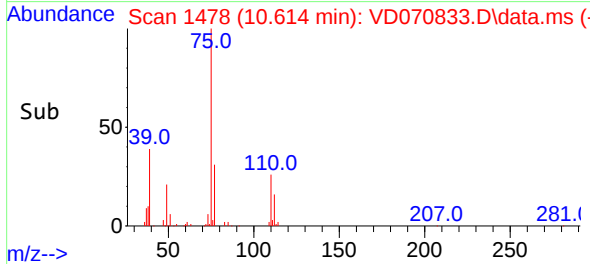
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



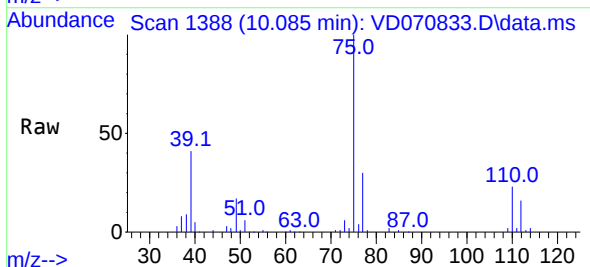
Tgt Ion: 75 Resp: 117036
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7

Manual Integrations
APPROVED

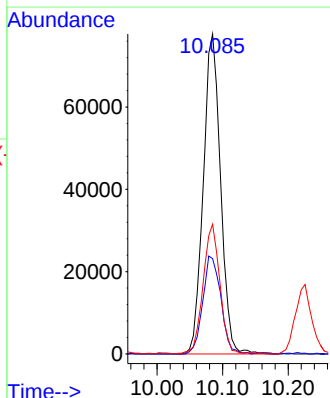
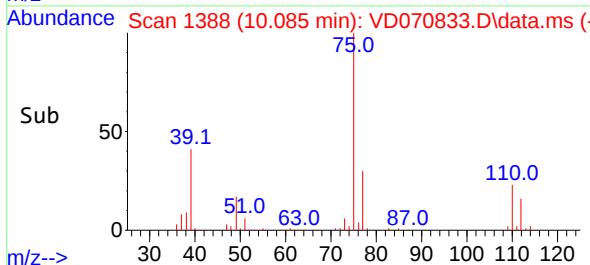
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

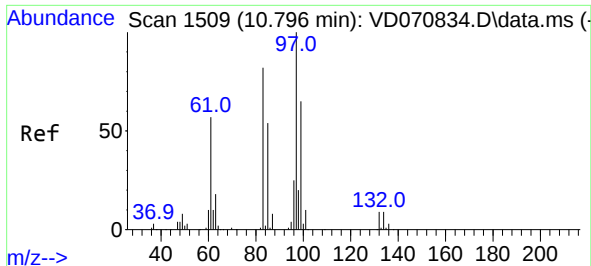


#54
cis-1,3-Dichloropropene
Concen: 19.752 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



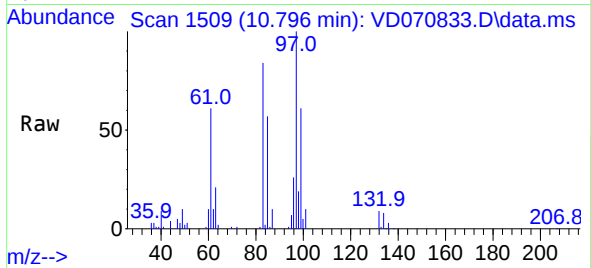
Tgt Ion: 75 Resp: 142873
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6
39 40.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.360 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

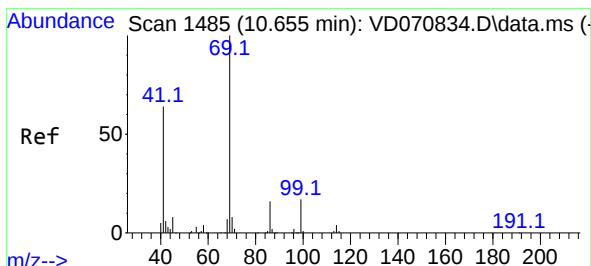
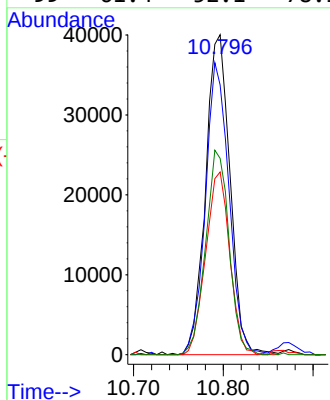
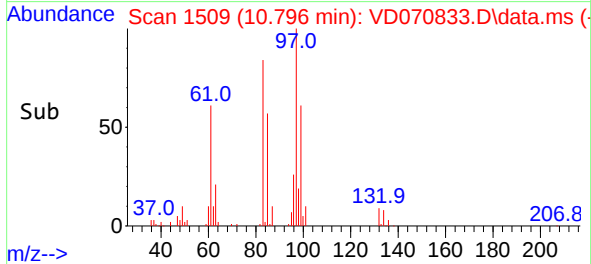
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



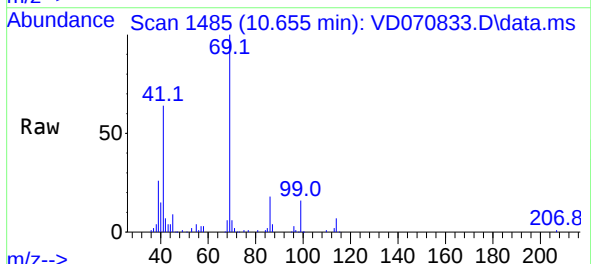
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.2	97.8
85	57.1	43.4	65.0
99	61.4	52.1	78.1

Manual Integrations
APPROVED

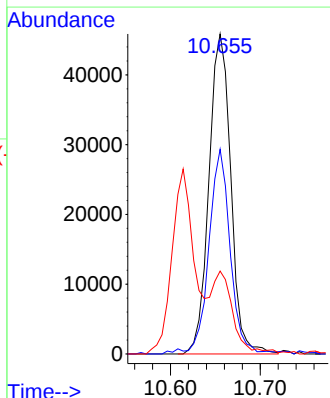
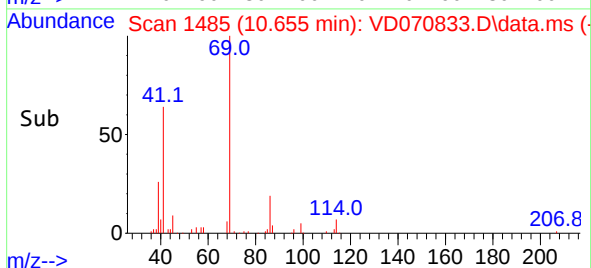
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

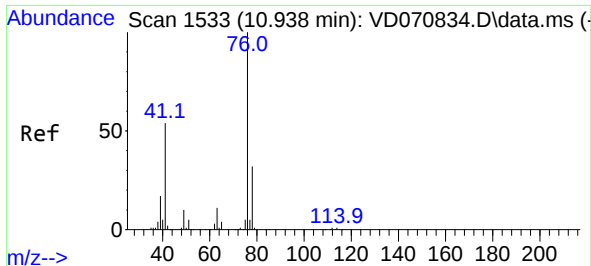


#56
Ethyl methacrylate
Concen: 19.097 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.2	75.2
39	27.1	19.8	29.8





#57

1,3-Dichloropropane

Concen: 20.238 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD070833.D

Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 125969

Ion Ratio Lower Upper

76 100

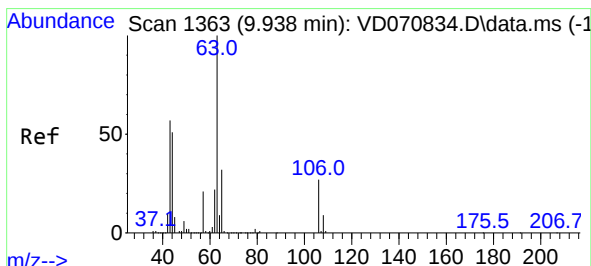
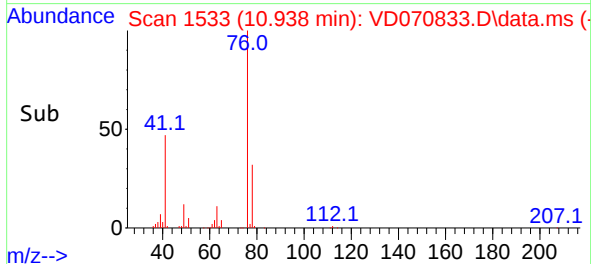
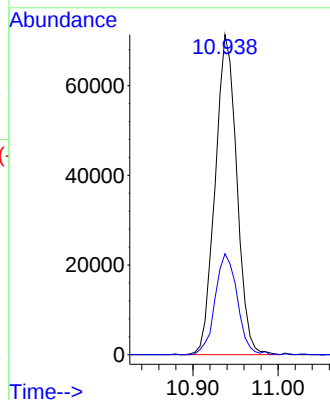
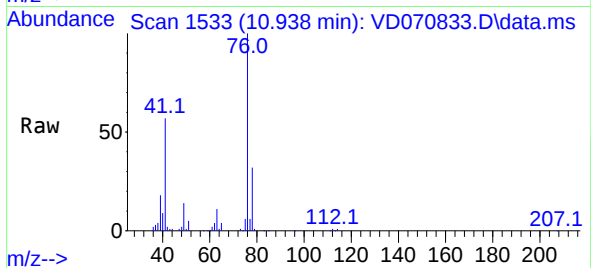
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#58

2-Chloroethyl Vinyl ether

Concen: 101.148 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD070833.D

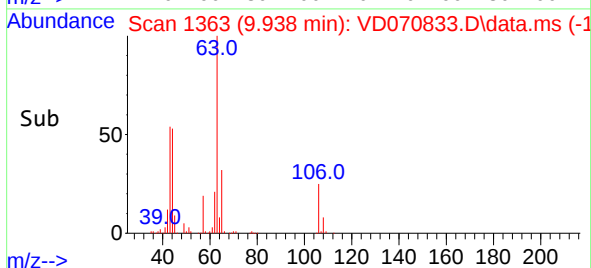
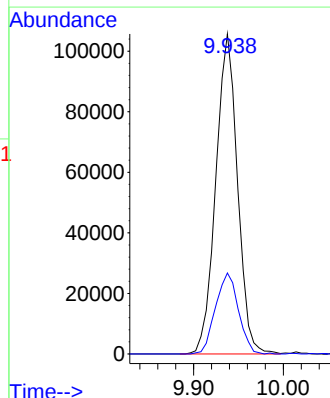
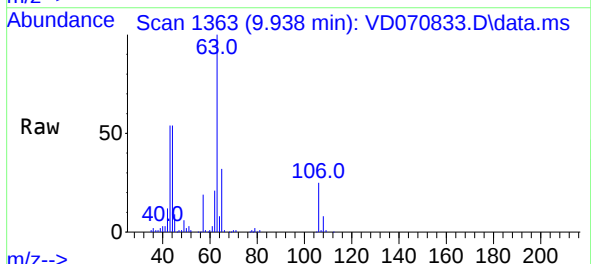
Acq: 26 Oct 2021 11:26

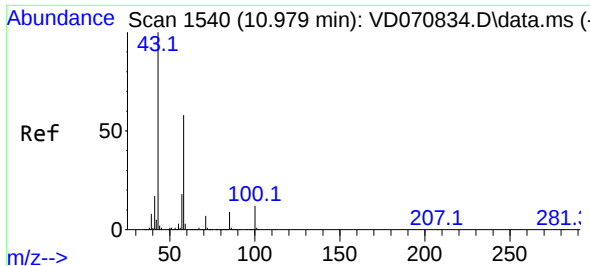
Tgt Ion: 63 Resp: 177608

Ion Ratio Lower Upper

63 100

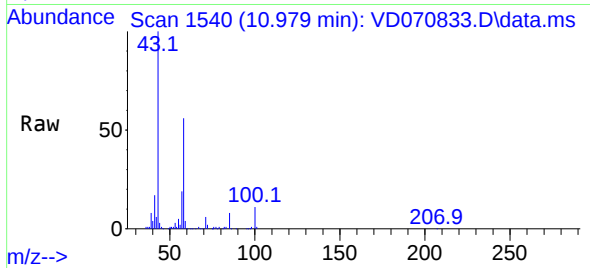
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 100.255 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

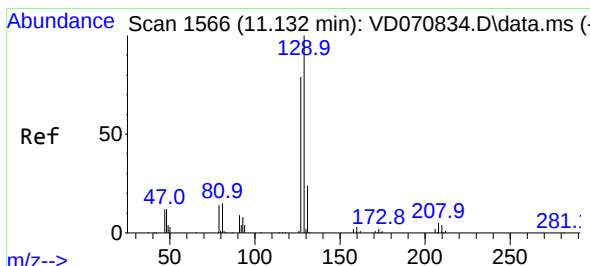
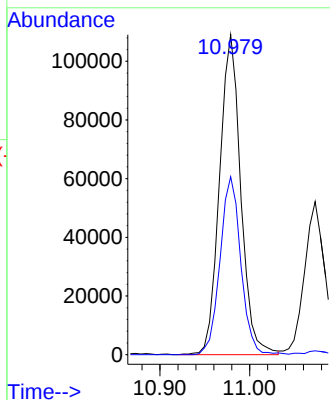
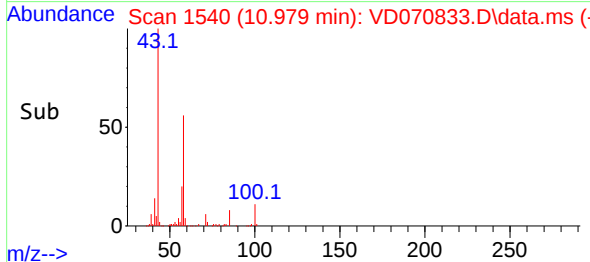
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



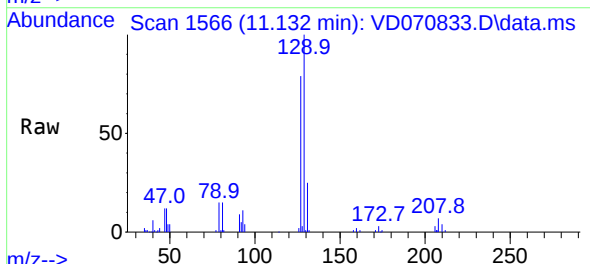
Tgt Ion: 43 Resp: 179200
Ion Ratio Lower Upper
43 100
58 54.3 28.7 86.1

Manual Integrations
APPROVED

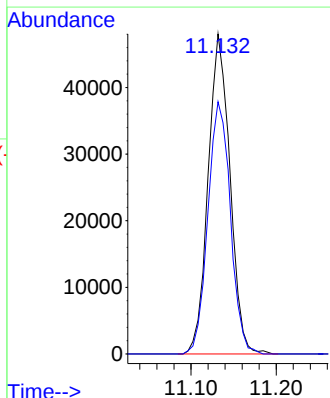
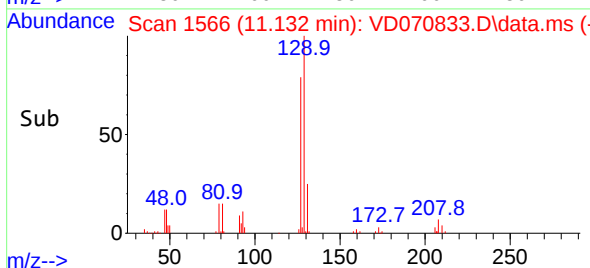
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

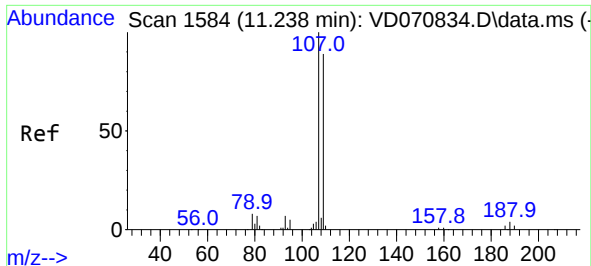


#60
Dibromochloromethane
Concen: 19.489 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



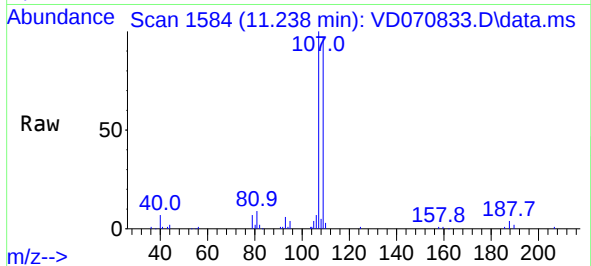
Tgt Ion:129 Resp: 85423
Ion Ratio Lower Upper
129 100
127 81.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 19.844 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

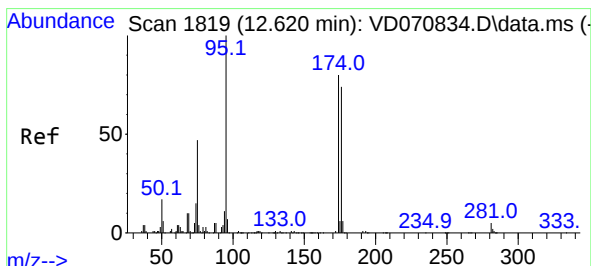
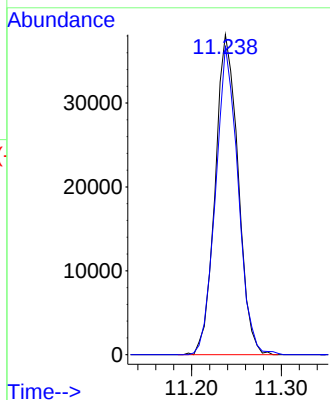
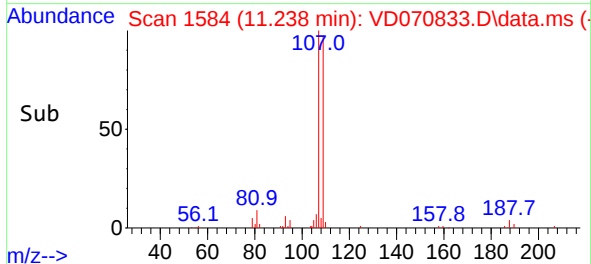
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



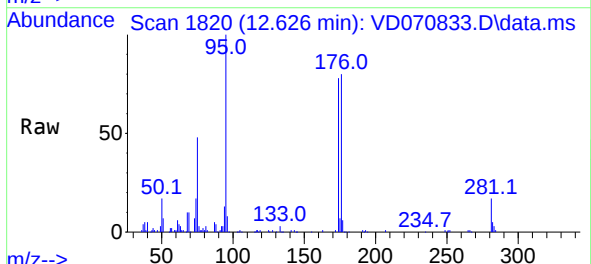
Tgt Ion:107 Resp: 6753
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0

Manual Integrations
APPROVED

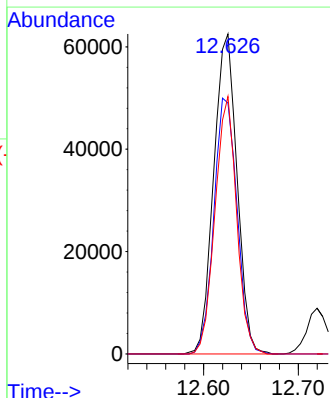
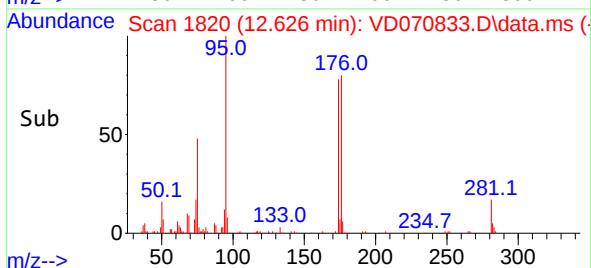
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

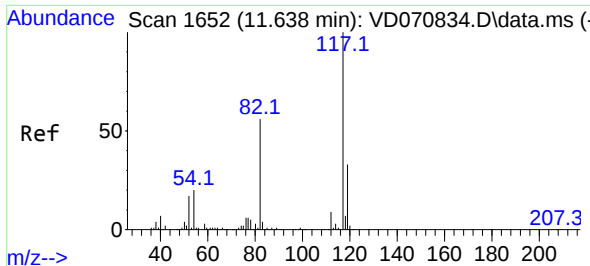


#62
4-Bromofluorobenzene
Concen: 19.729 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



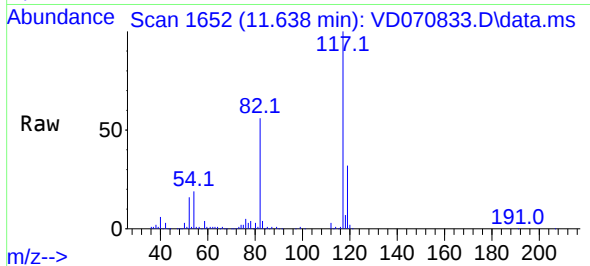
Tgt Ion: 95 Resp: 106975
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.4
176 74.7 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

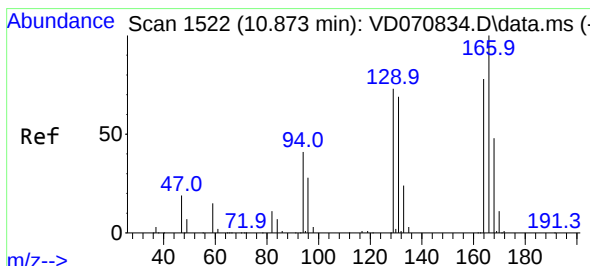
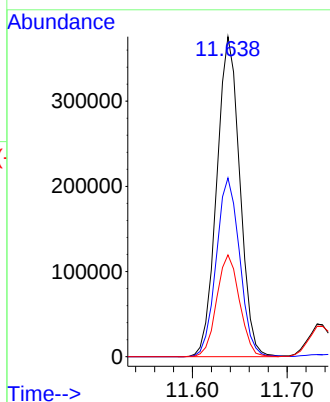
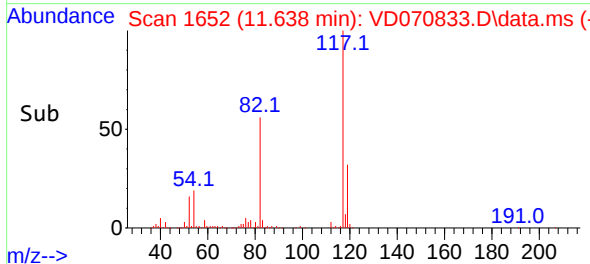
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



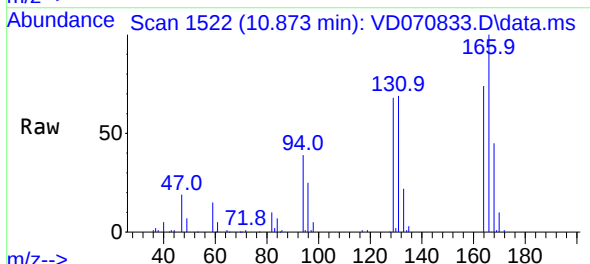
Tgt Ion:117 Resp: 63682
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 31.8 26.2 39.4

Manual Integrations
APPROVED

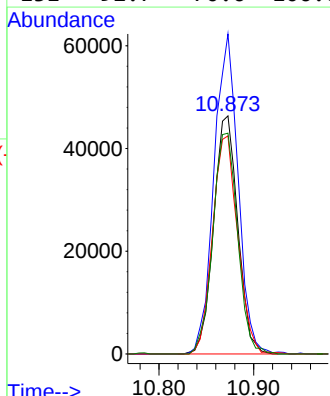
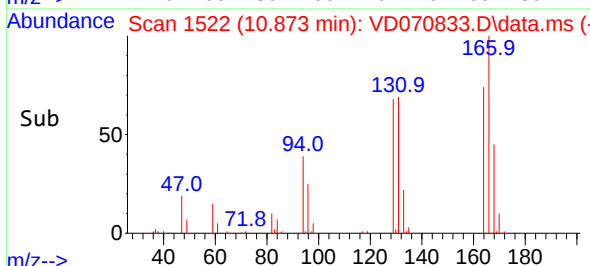
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

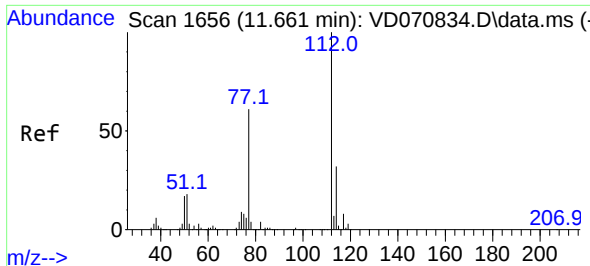


#64
Tetrachloroethene
Concen: 19.069 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



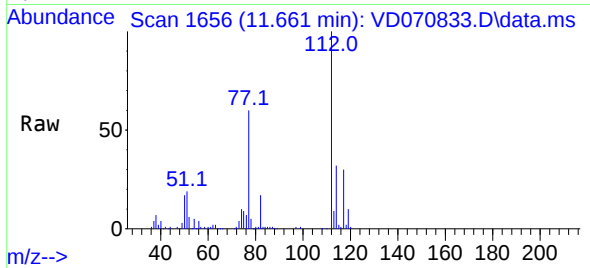
Tgt Ion:164 Resp: 82244
Ion Ratio Lower Upper
164 100
166 134.4 102.6 153.8
129 91.6 75.4 113.0
131 92.7 70.6 106.0





#65
Chlorobenzene
Concen: 19.483 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

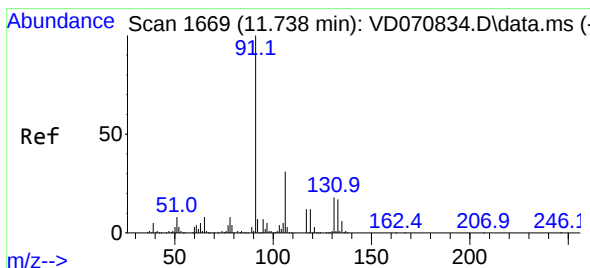
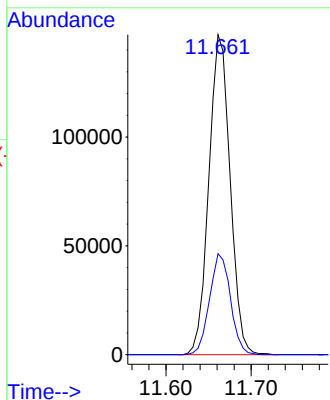
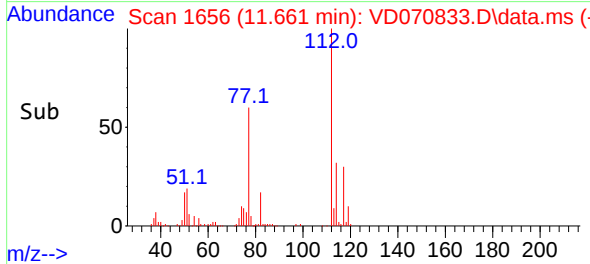
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



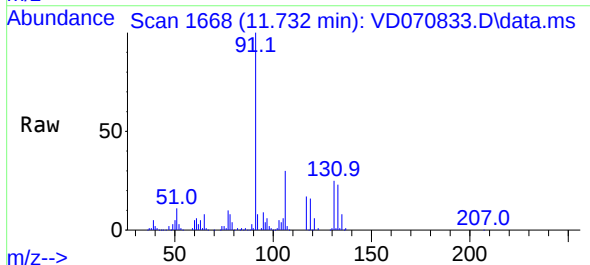
Tgt Ion:112 Resp: 254760
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

Manual Integrations
APPROVED

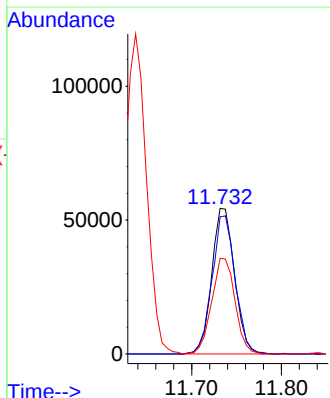
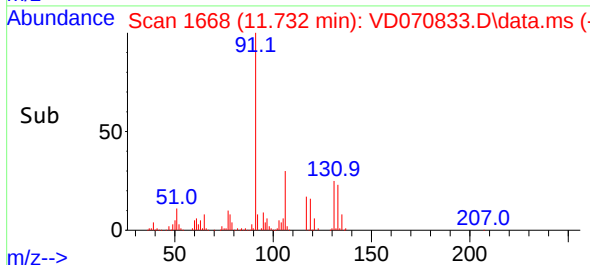
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

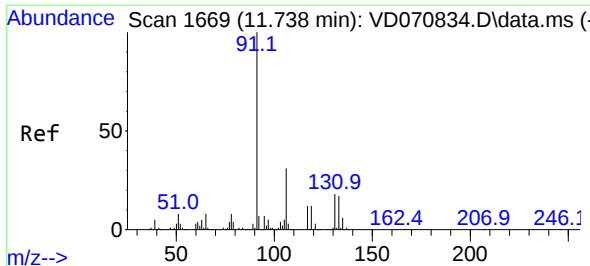


#66
1,1,1,2-Tetrachloroethane
Concen: 19.898 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



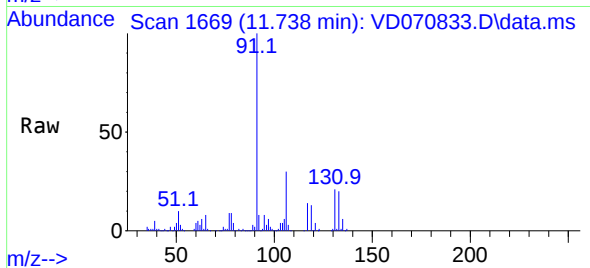
Tgt Ion:131 Resp: 95779
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 67.0 33.5 100.4





#67
Ethyl Benzene
Concen: 19.115 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

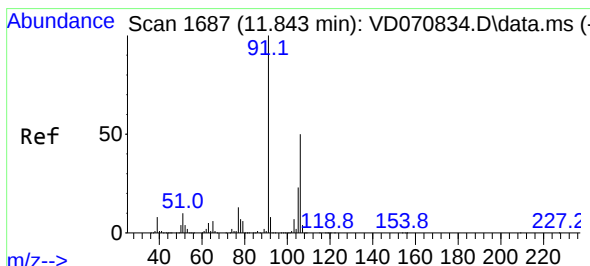
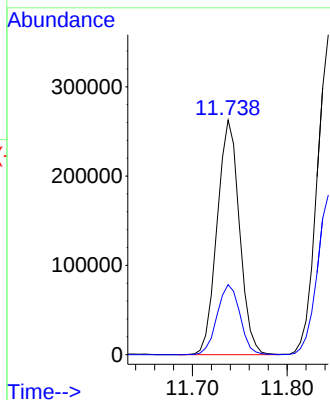
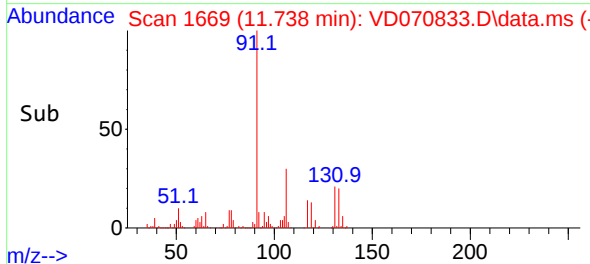
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



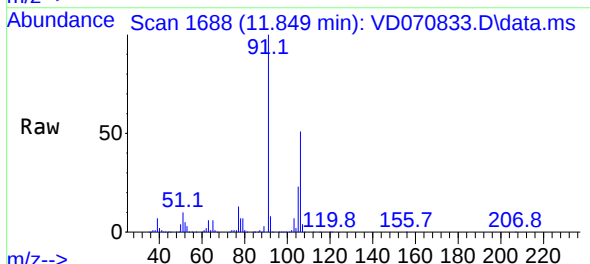
Tgt Ion: 91 Resp: 43120
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8

Manual Integrations
APPROVED

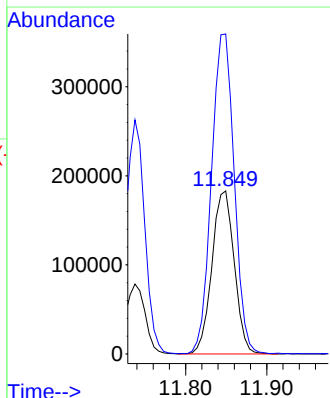
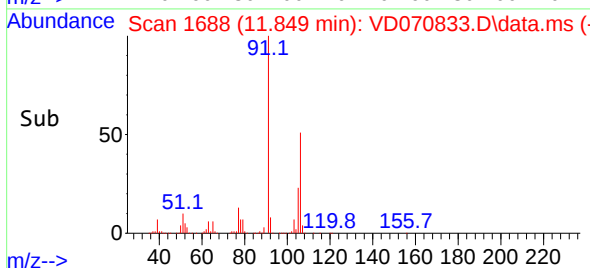
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

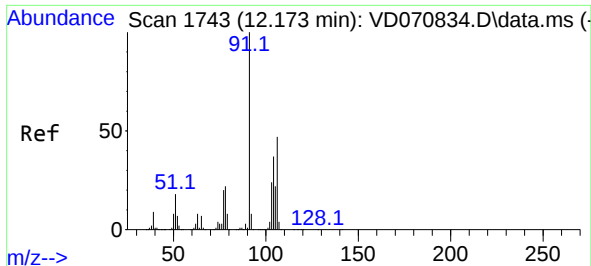


#68
m/p-Xylenes
Concen: 39.802 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



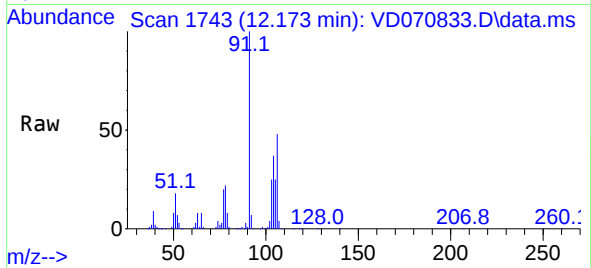
Tgt Ion:106 Resp: 350456
Ion Ratio Lower Upper
106 100
91 198.7 160.1 240.1





#69
o-Xylene
Concen: 19.290 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

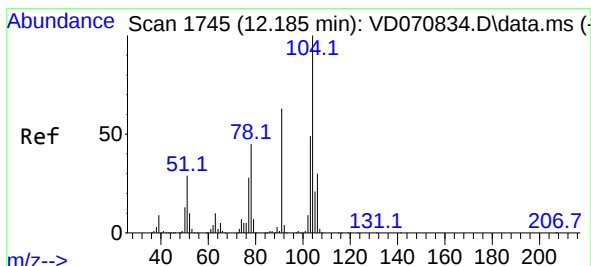
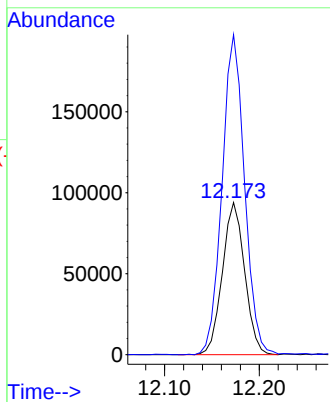
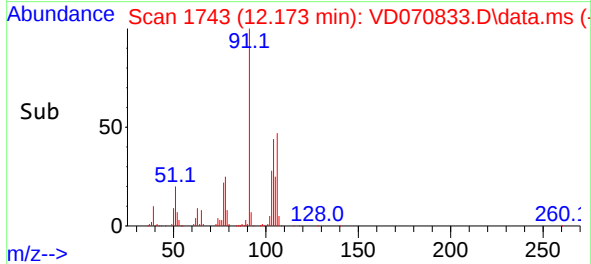
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



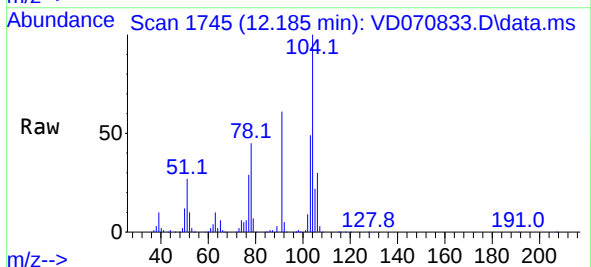
Tgt Ion:106 Resp: 153509
Ion Ratio Lower Upper
106 100
91 212.4 106.3 319.0

Manual Integrations
APPROVED

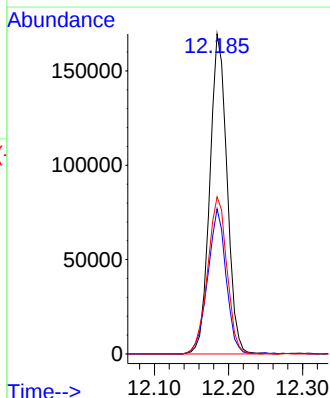
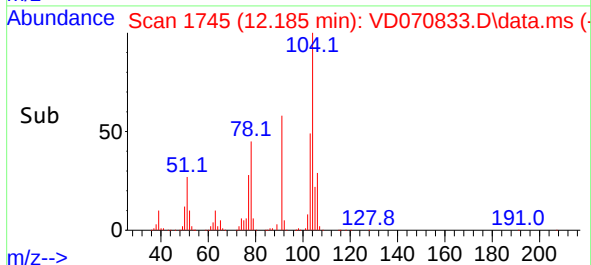
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

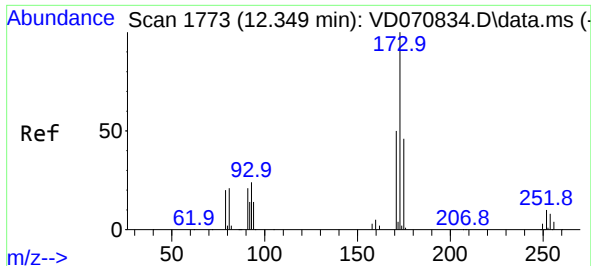


#70
Styrene
Concen: 20.025 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



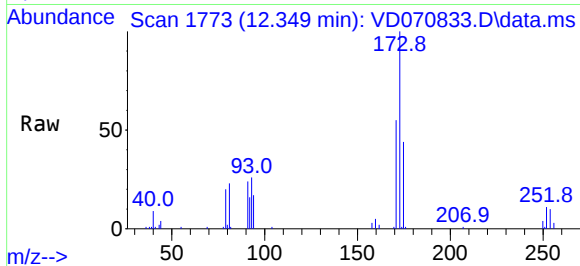
Tgt Ion:104 Resp: 274041
Ion Ratio Lower Upper
104 100
78 48.1 39.4 59.0
103 54.9 43.4 65.0





#71
Bromoform
Concen: 19.957 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

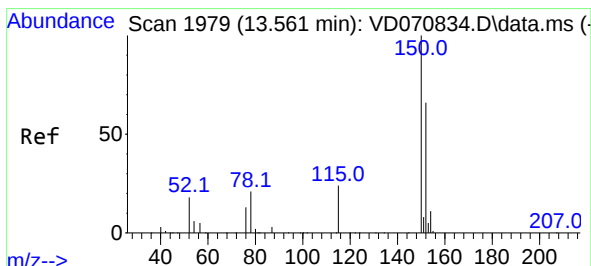
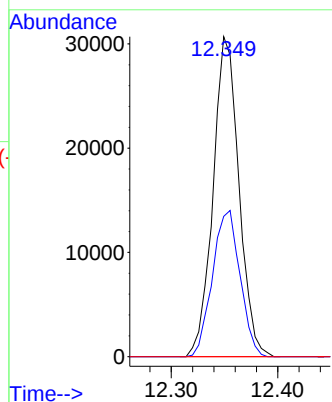
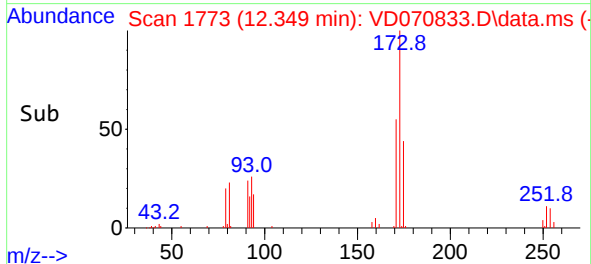
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



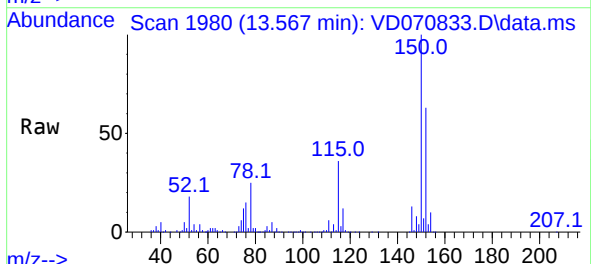
Tgt Ion:173 Resp: 5168
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

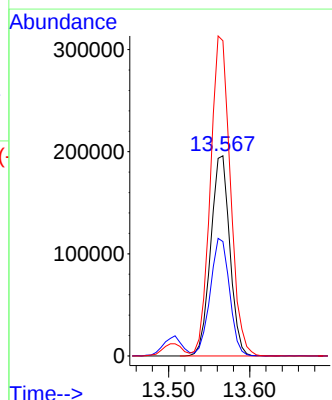
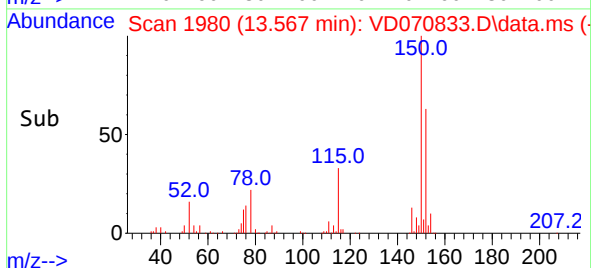
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

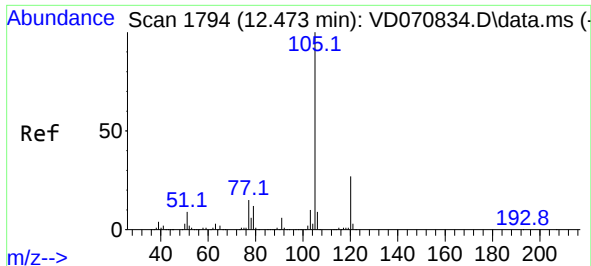


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



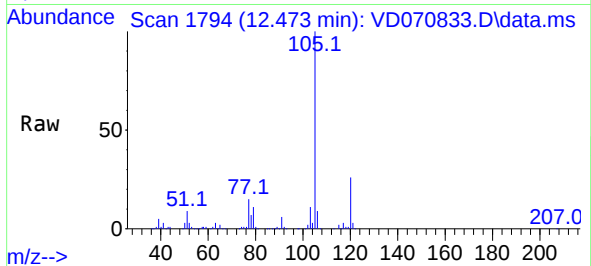
Tgt Ion:152 Resp: 320180
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 167.2 0.0 349.2





#73
Isopropylbenzene
Concen: 18.797 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

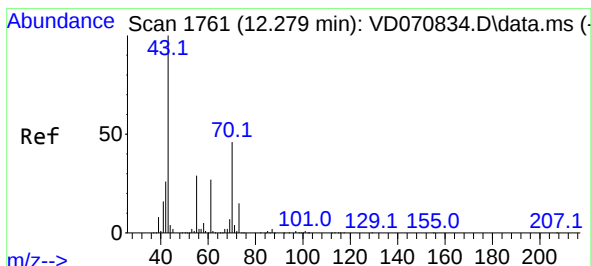
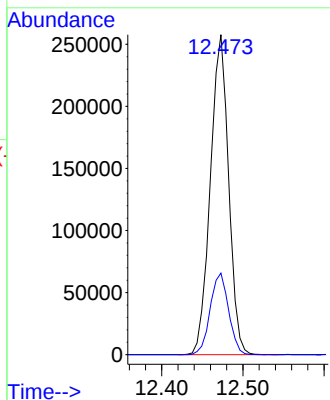
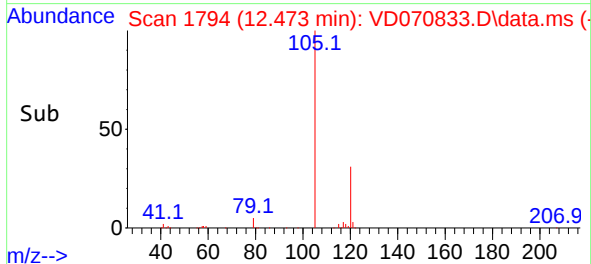
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



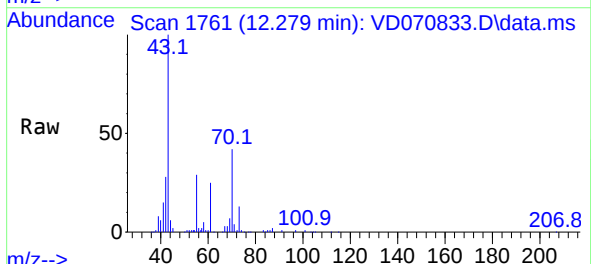
Tgt Ion:105 Resp: 402490
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

Manual Integrations
APPROVED

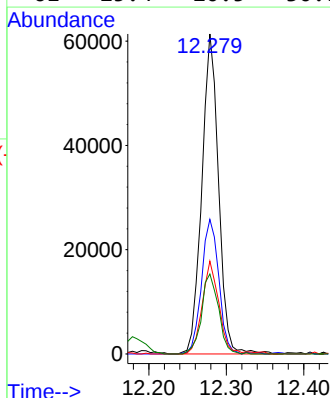
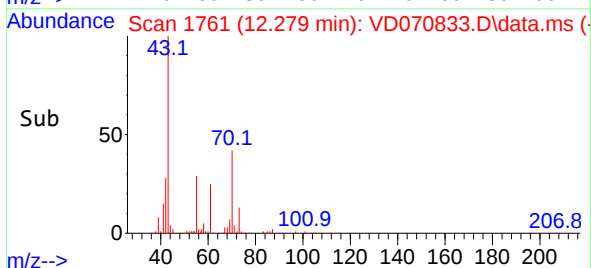
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

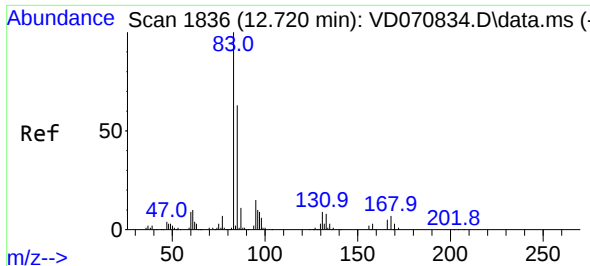


#74
N-ethyl acetate
Concen: 19.685 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



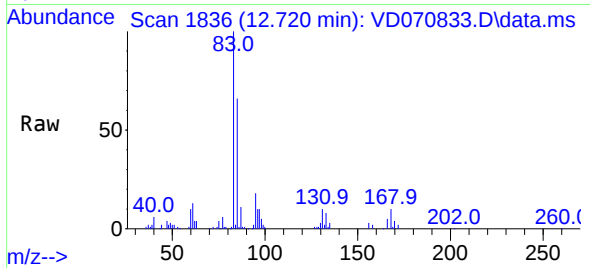
Tgt Ion: 43 Resp: 92173
Ion Ratio Lower Upper
43 100
70 43.2 36.6 55.0
55 29.2 22.5 33.7
61 25.4 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.957 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

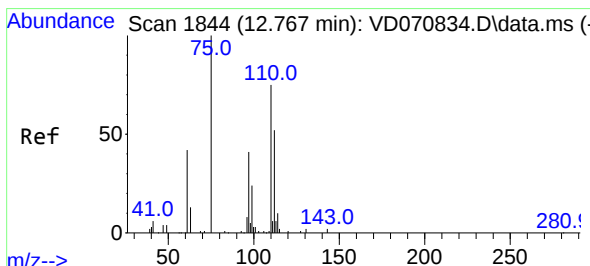
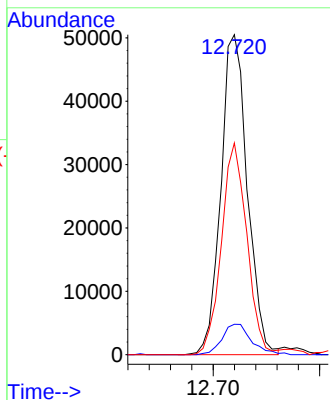
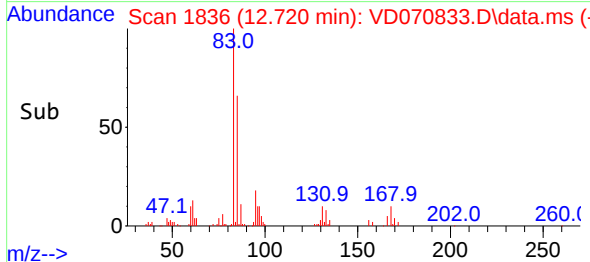
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



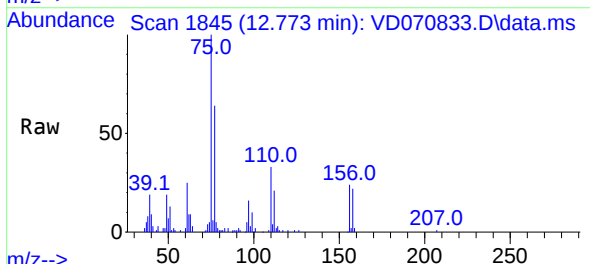
Tgt Ion: 83 Resp: 8711
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 63.5 32.0 96.2

Manual Integrations
APPROVED

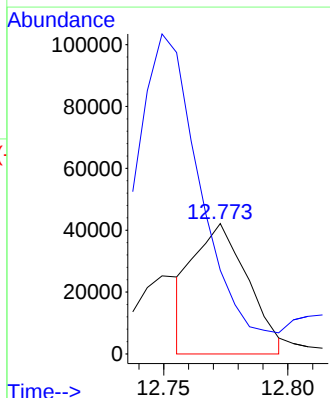
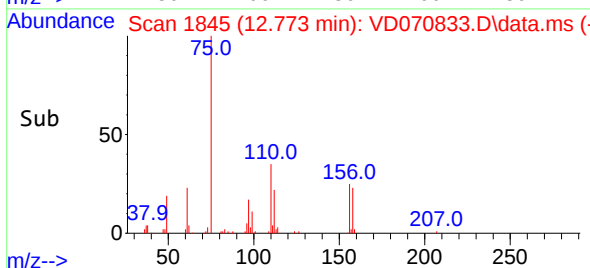
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

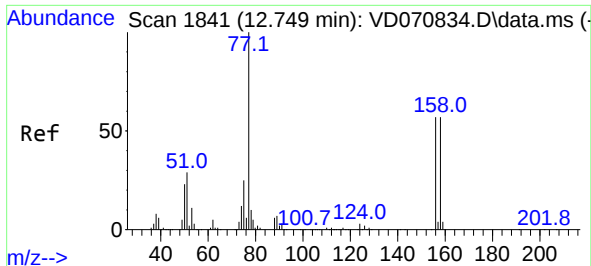


#76
1,2,3-Trichloropropane
Concen: 22.299 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



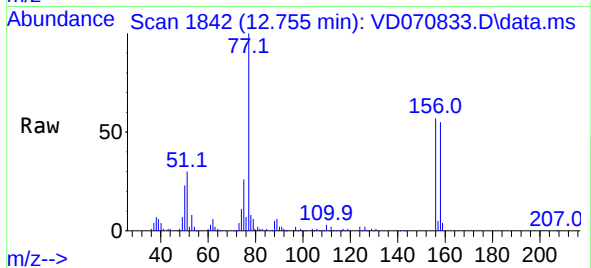
Tgt Ion: 75 Resp: 64207
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 19.332 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

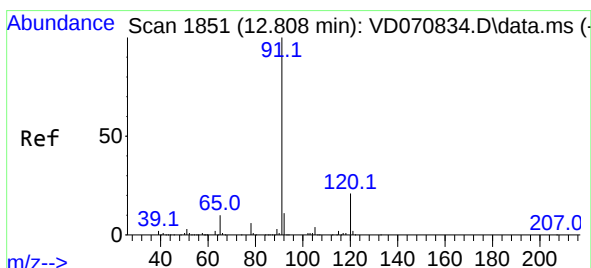
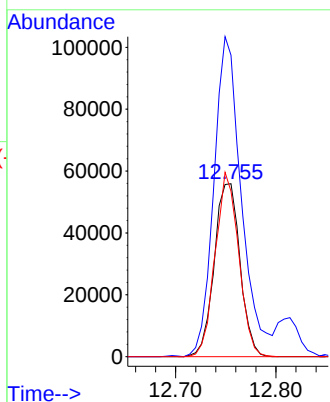
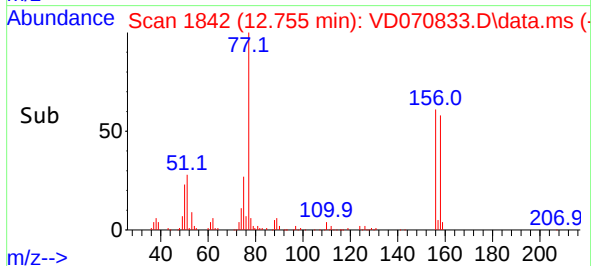
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



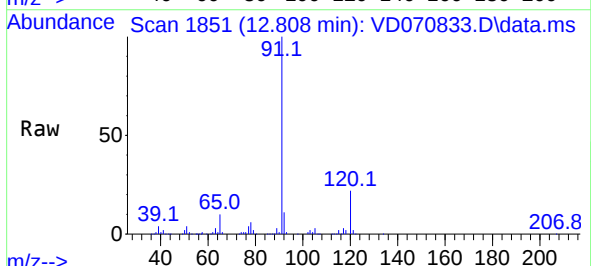
Tgt Ion:156 Resp: 99779
Ion Ratio Lower Upper
156 100
77 197.6 96.6 289.8
158 97.3 49.1 147.4

Manual Integrations
APPROVED

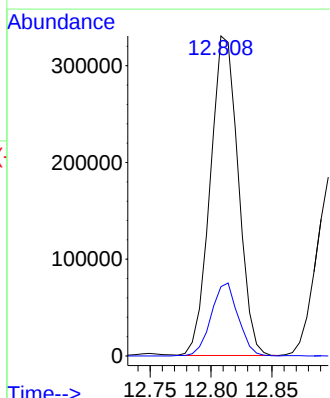
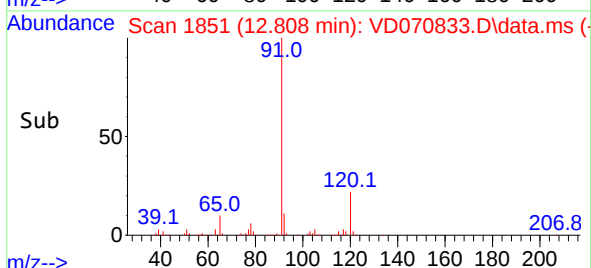
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

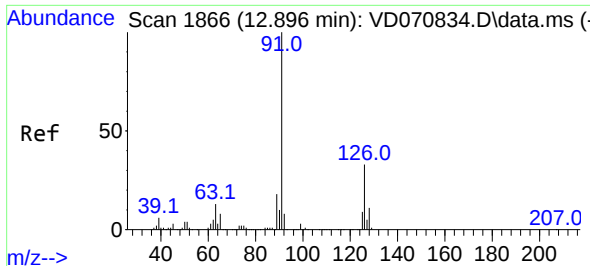


#78
n-propylbenzene
Concen: 19.374 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



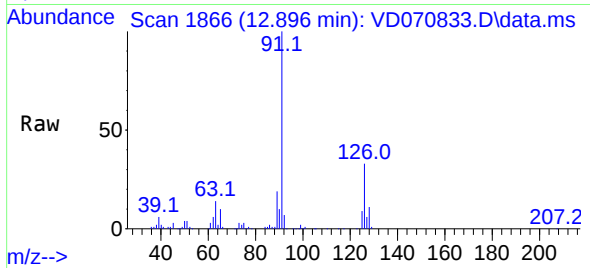
Tgt Ion: 91 Resp: 528035
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79
2-Chlorotoluene
Concen: 19.400 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

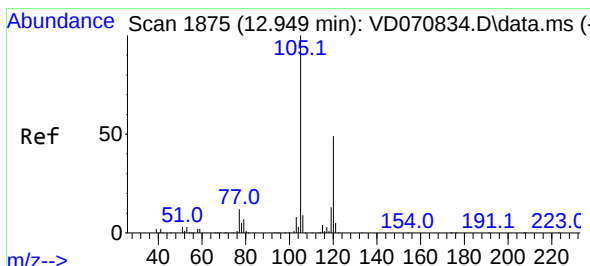
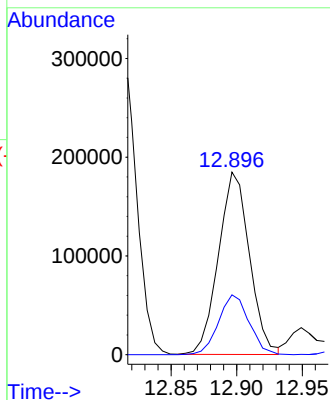
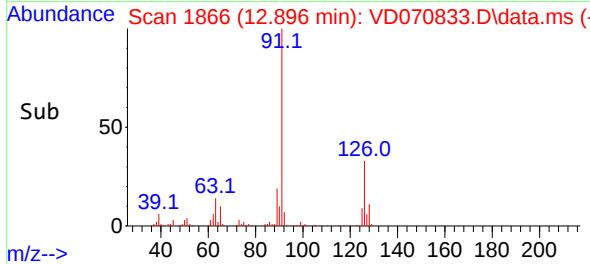
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



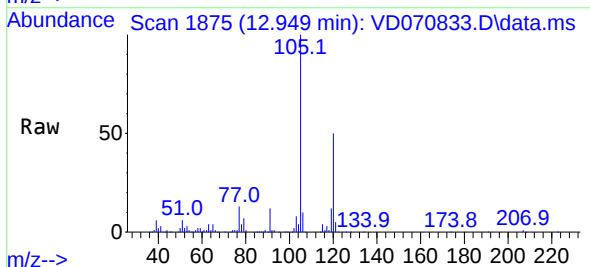
Tgt Ion: 91 Resp: 30379
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7

Manual Integrations
APPROVED

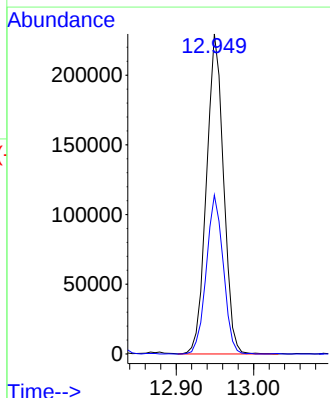
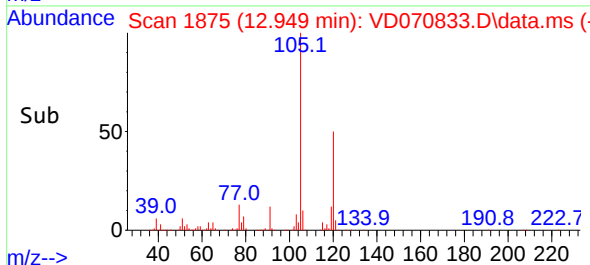
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

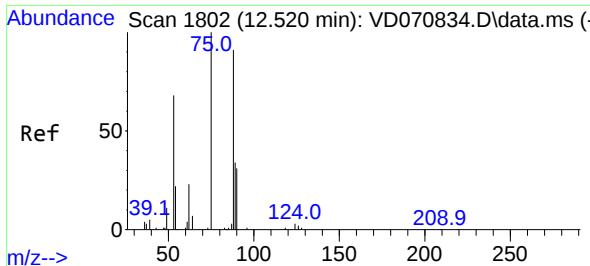


#80
1,3,5-Trimethylbenzene
Concen: 19.502 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



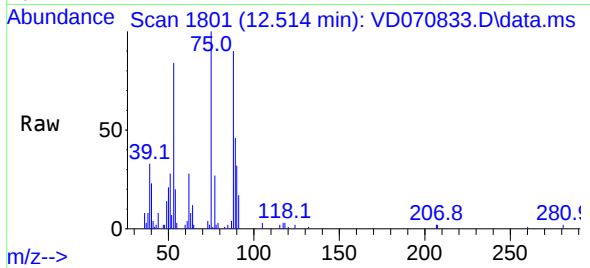
Tgt Ion:105 Resp: 351775
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.635 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

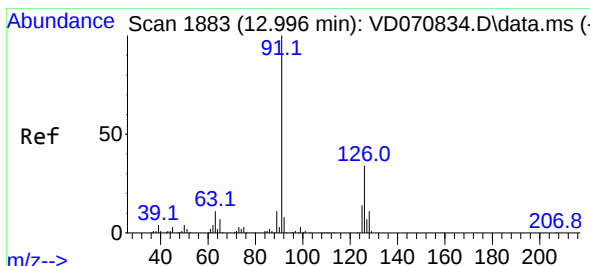
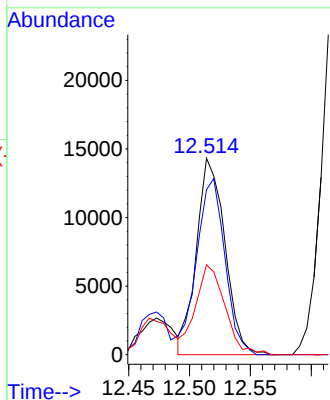
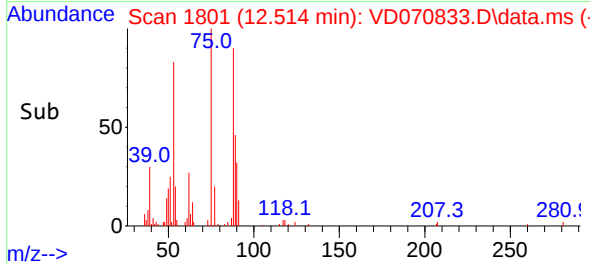
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



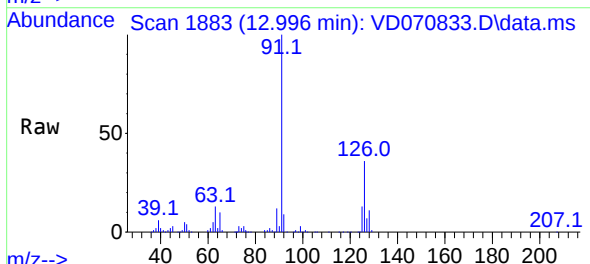
Tgt Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
53 90.7 62.6 94.0
89 47.5 34.5 51.7

Manual Integrations
APPROVED

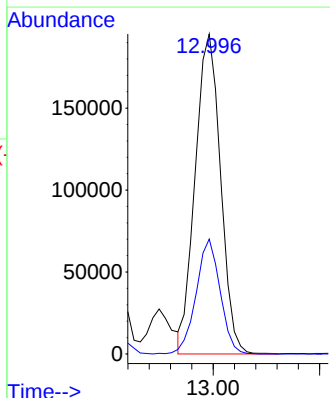
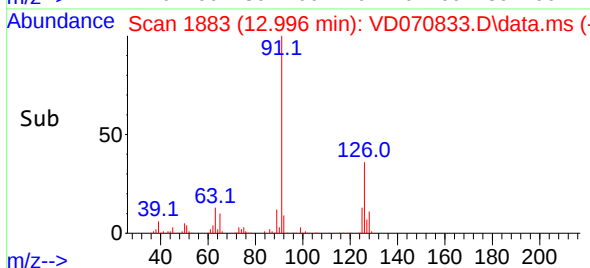
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

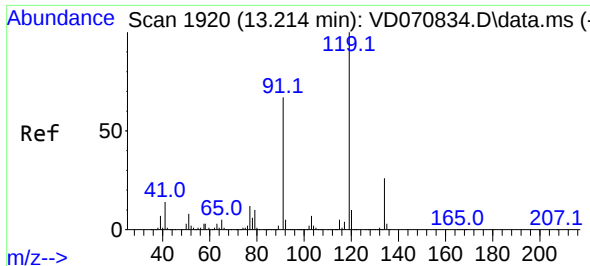


#82
4-Chlorotoluene
Concen: 19.633 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



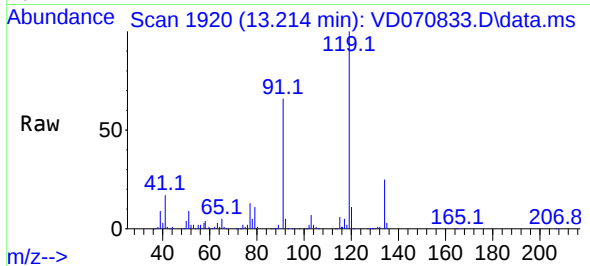
Tgt Ion: 91 Resp: 323063
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.1





#83
tert-Butylbenzene
Concen: 18.812 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

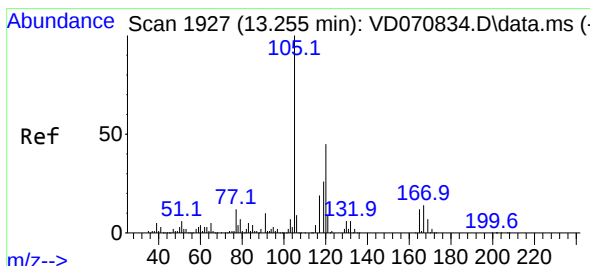
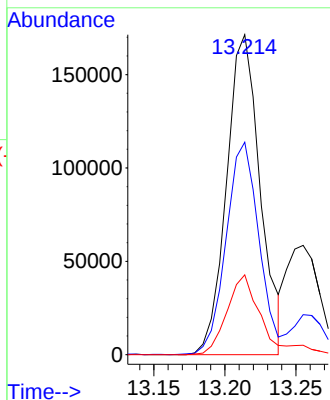
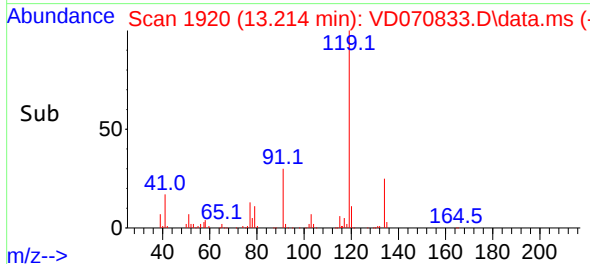
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



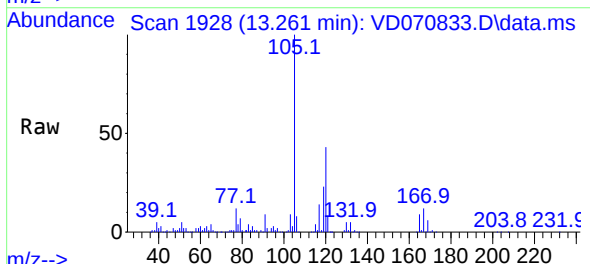
Tgt Ion:119 Resp: 282798
Ion Ratio Lower Upper
119 100
91 66.0 32.5 97.5
134 25.9 13.2 39.6

Manual Integrations
APPROVED

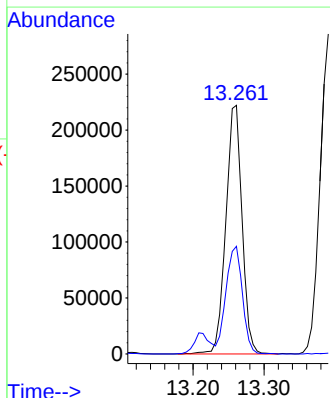
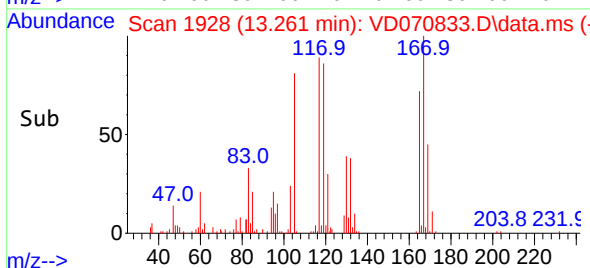
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

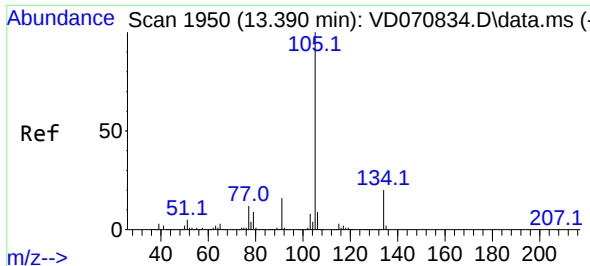


#84
1,2,4-Trimethylbenzene
Concen: 19.791 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion:105 Resp: 351760
Ion Ratio Lower Upper
105 100
120 44.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 19.465 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070833.D
 Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

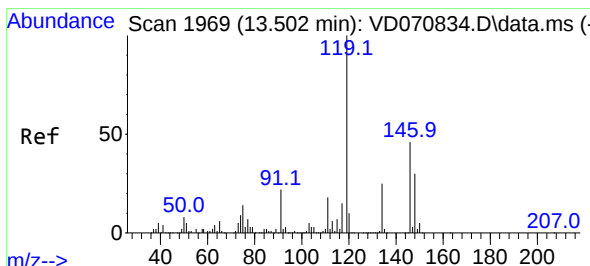
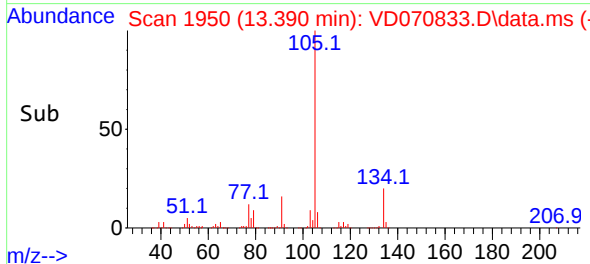
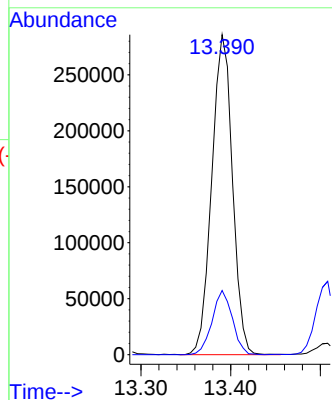
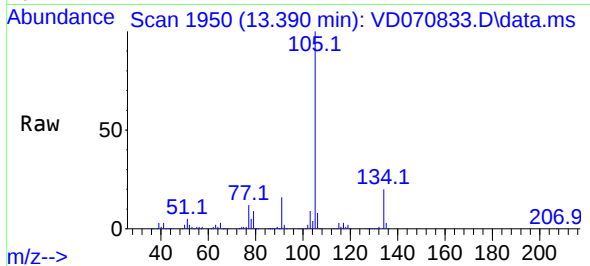
VSTDIC020

Tgt Ion:105 Resp: 457700
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations

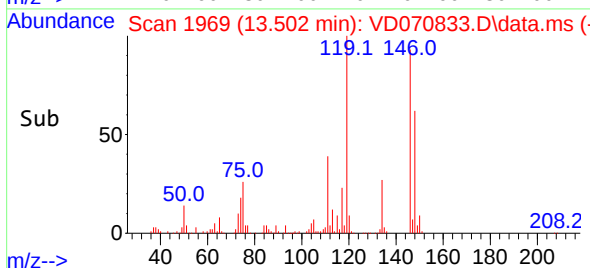
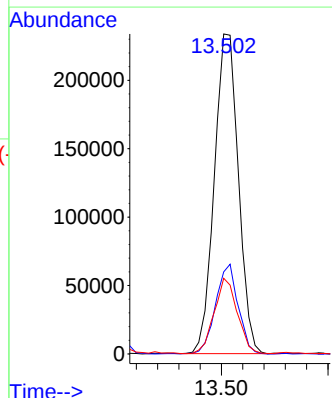
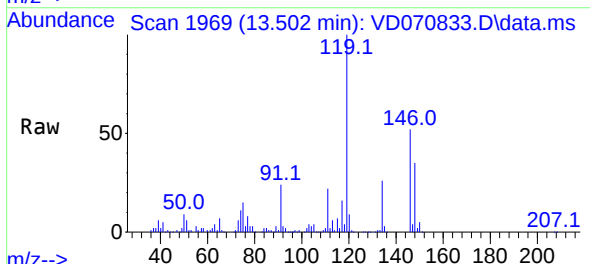
APPROVED

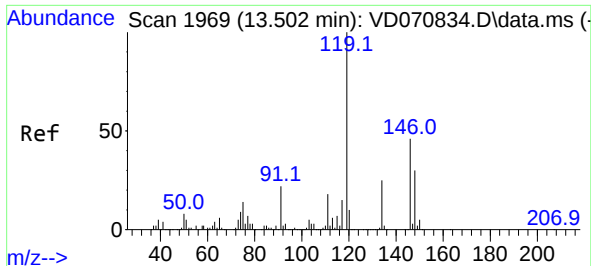
Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#86
 p-Isopropyltoluene
 Concen: 19.206 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070833.D
 Acq: 26 Oct 2021 11:26

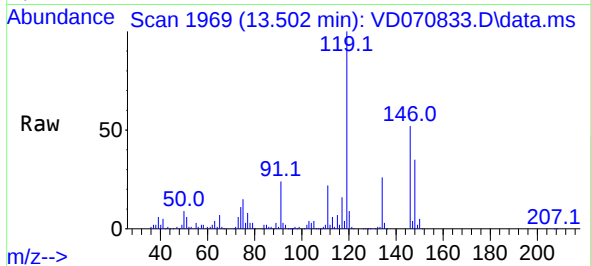
Tgt Ion:119 Resp: 365825
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 22.6 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 19.526 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

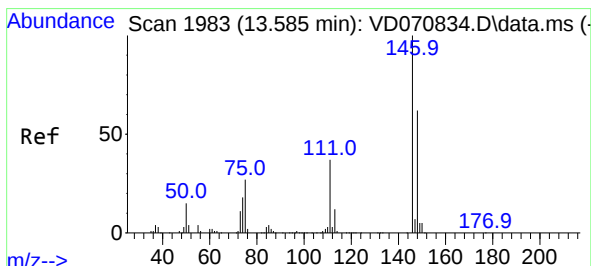
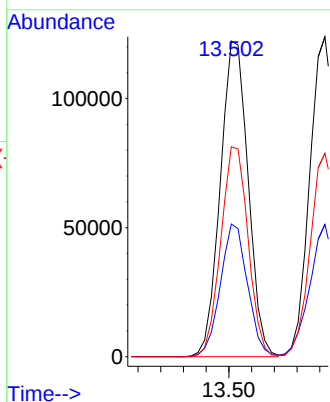
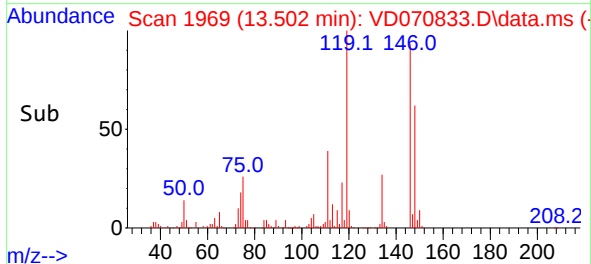
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



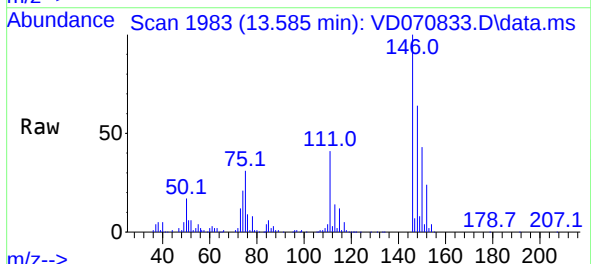
Tgt Ion:146 Resp: 207980
Ion Ratio Lower Upper
146 100
111 41.1 19.8 59.4
148 65.3 32.1 96.3

Manual Integrations
APPROVED

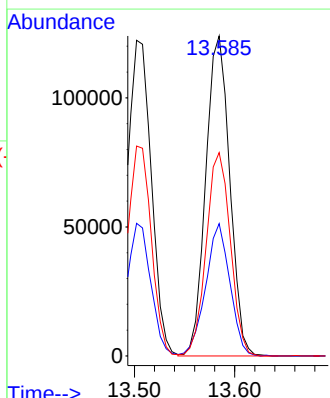
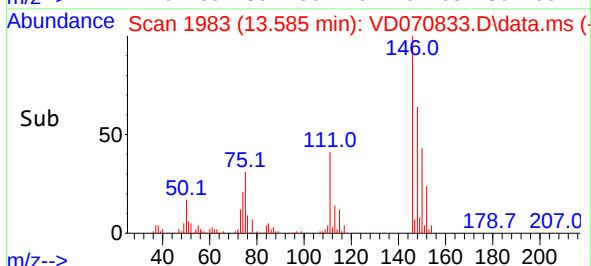
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

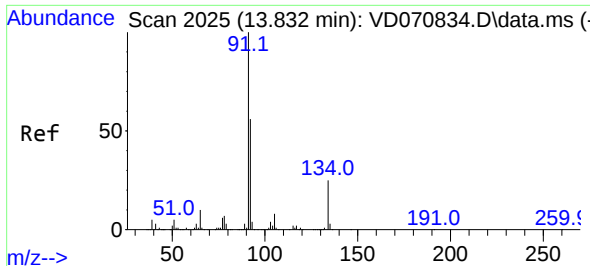


#88
1,4-Dichlorobenzene
Concen: 19.674 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



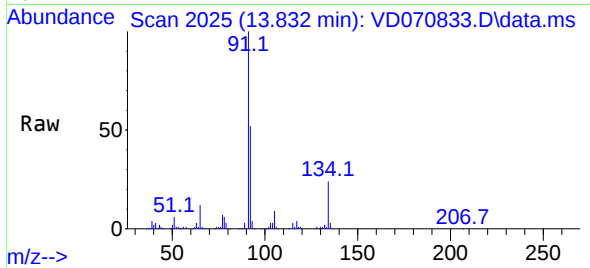
Tgt Ion:146 Resp: 206367
Ion Ratio Lower Upper
146 100
111 41.9 19.6 58.8
148 64.0 31.5 94.5





#89
n-Butylbenzene
Concen: 19.010 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

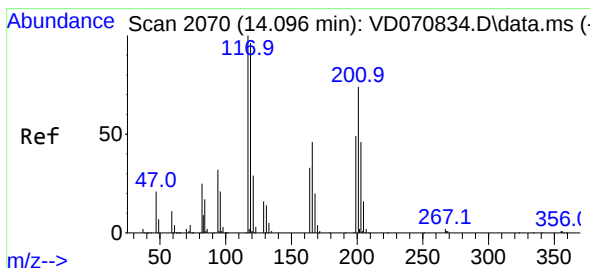
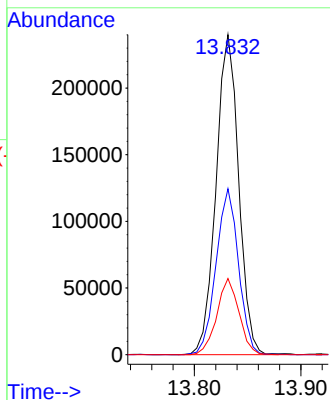
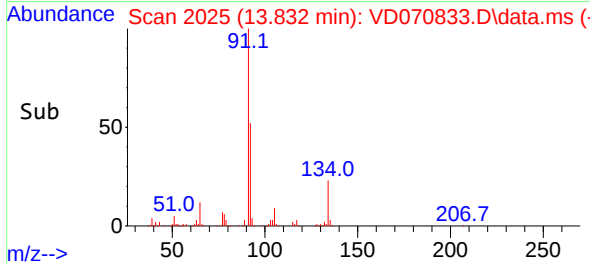
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



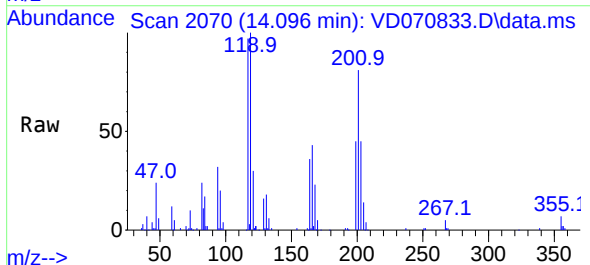
Tgt Ion: 91 Resp: 353590
Ion Ratio Lower Upper
91 100
92 51.5 27.3 81.9
134 23.3 12.3 36.9

Manual Integrations
APPROVED

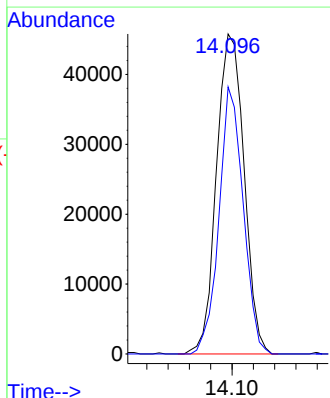
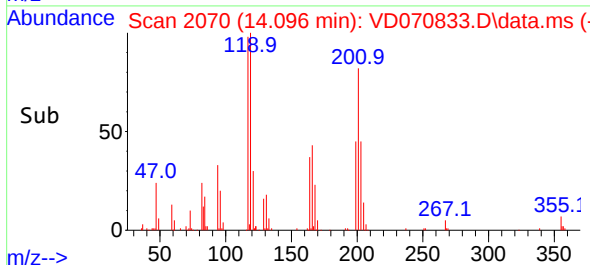
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

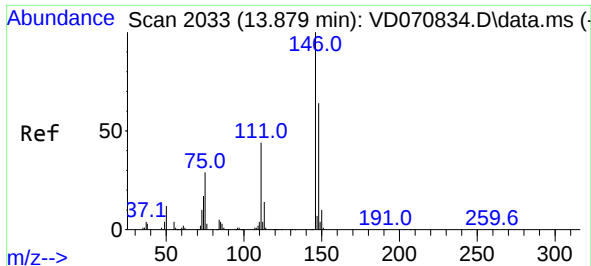


#90
Hexachloroethane
Concen: 19.687 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion:117 Resp: 82298
Ion Ratio Lower Upper
117 100
201 73.3 36.0 108.1





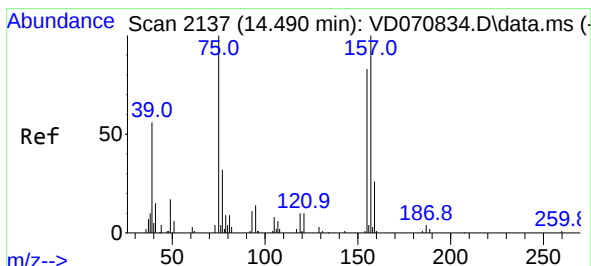
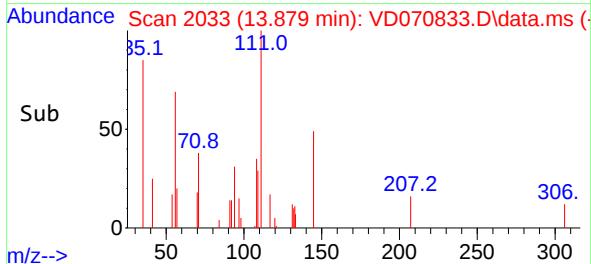
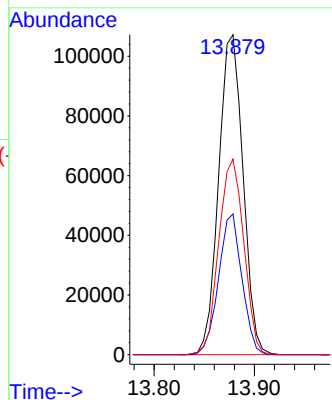
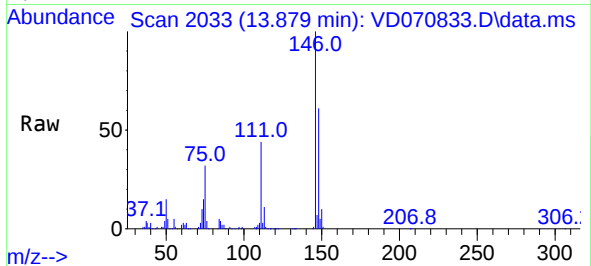
#91
1,2-Dichlorobenzene
Concen: 19.971 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 181040
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.2
148 62.7 31.7 95.1

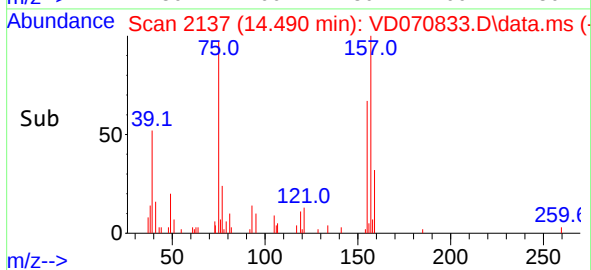
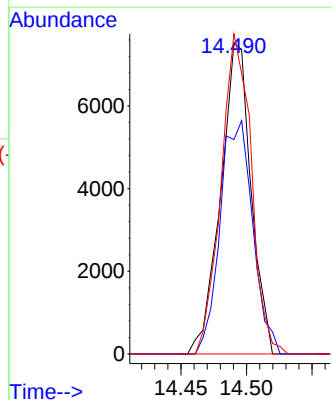
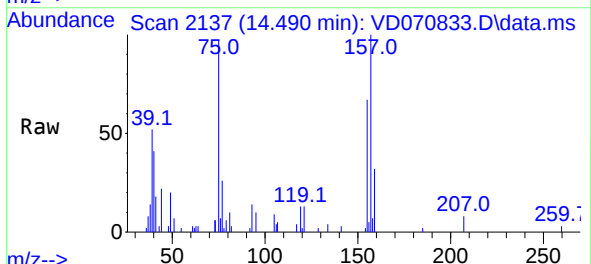
Manual Integrations
APPROVED

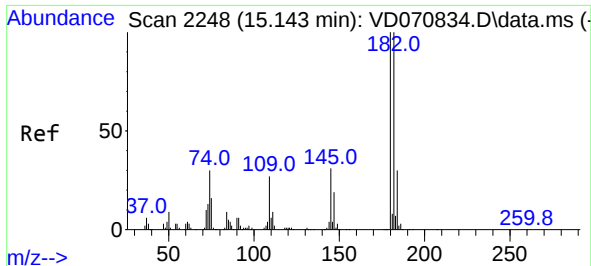
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.139 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Tgt Ion: 75 Resp: 12109
Ion Ratio Lower Upper
75 100
155 80.6 40.0 120.0
157 102.2 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 18.642 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

Instrument :

MSVOA_D

ClientSampleId :

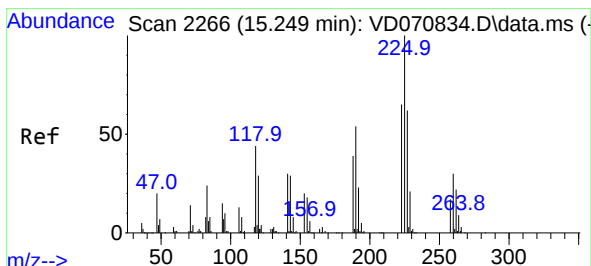
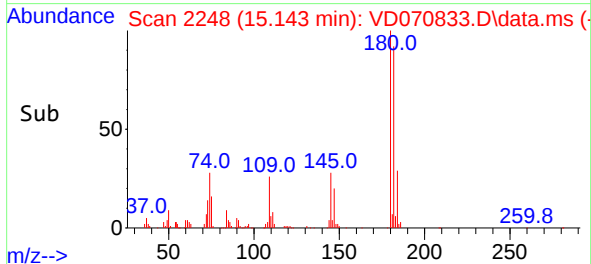
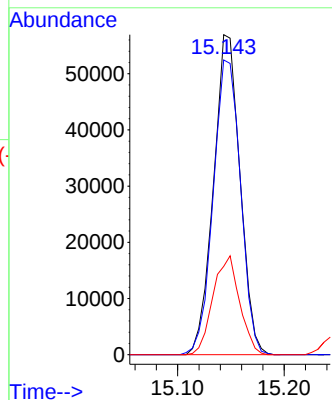
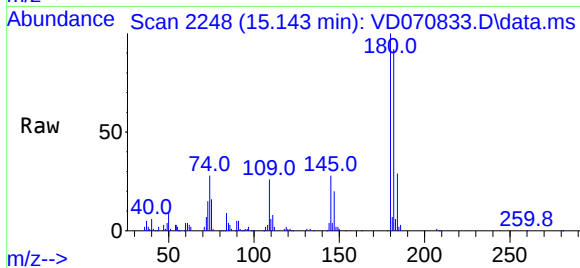
VSTDICC020

Tgt Ion:180 Resp: 9831
Ion Ratio Lower Upper
180 100
182 94.7 48.2 144.6
145 31.0 15.4 46.2

Manual Integrations

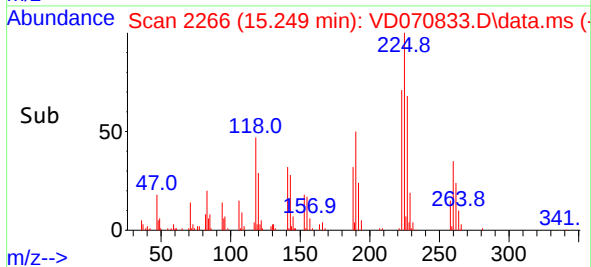
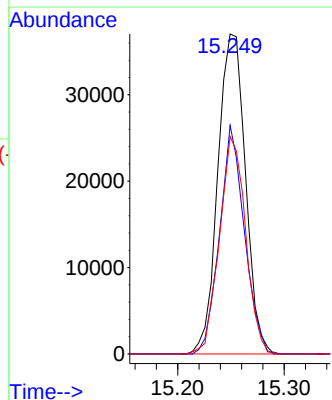
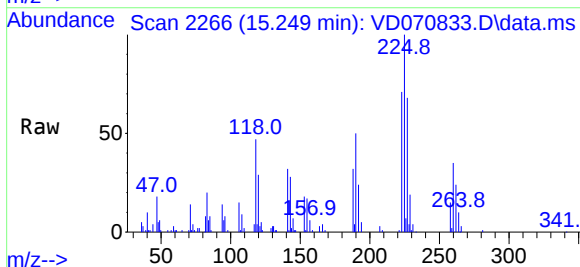
APPROVED

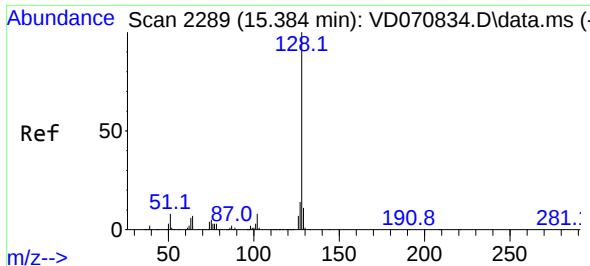
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#94
Hexachlorobutadiene
Concen: 19.393 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

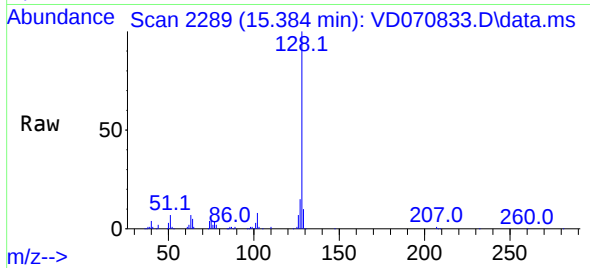
Tgt Ion:225 Resp: 66630
Ion Ratio Lower Upper
225 100
223 64.2 31.8 95.3
227 64.3 31.6 94.8





#95
Naphthalene
Concen: 18.311 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26

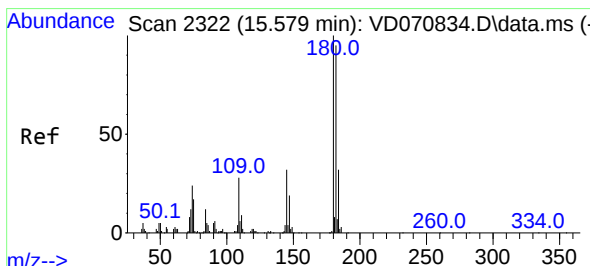
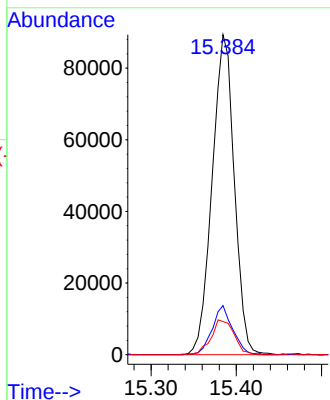
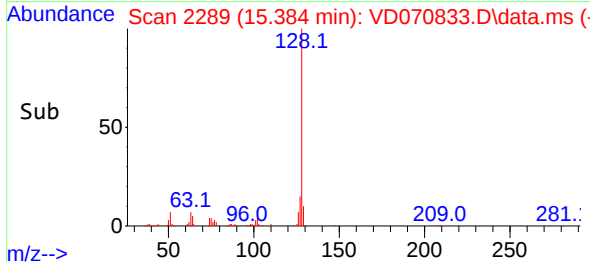
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



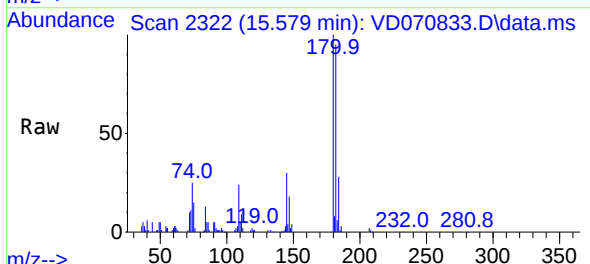
Tgt Ion:128 Resp: 161195
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.632 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070833.D
Acq: 26 Oct 2021 11:26



Tgt Ion:180 Resp: 89495
Ion Ratio Lower Upper
180 100
182 92.4 46.7 140.1
145 32.5 15.9 47.6

