

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070831.D
 Acq On : 26 Oct 2021 10:02
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 05:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:19:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	377774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	630101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	603609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21600	5.685	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.380%#		
35) Dibromofluoromethane	7.908	113	22185	5.340	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.680%#		
50) Toluene-d8	10.332	98	74825	4.787	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.580%#		
62) 4-Bromofluorobenzene	12.620	95	24666	4.783	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	22374	6.386	ug/l	95
3) Chloromethane	2.209	50	28270	5.701	ug/l	93
4) Vinyl Chloride	2.350	62	31680	5.775	ug/l	100
5) Bromomethane	2.768	94	25599	6.519	ug/l	96
6) Chloroethane	2.915	64	20063	5.920	ug/l	97
7) Trichlorofluoromethane	3.268	101	41733	6.177	ug/l	97
8) Diethyl Ether	3.703	74	9093	4.858	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	27671	6.355	ug/l	92
10) Methyl Iodide	4.297	142	12299	3.183	ug/l	92
11) Tert butyl alcohol	5.209	59	5894m	29.189	ug/l	
12) 1,1-Dichloroethene	4.067	96	20321	5.331	ug/l	88
13) Acrolein	3.915	56	4359	24.072	ug/l #	82
14) Allyl chloride	4.709	41	26504	4.439	ug/l	92
15) Acrylonitrile	5.414	53	21917	24.444	ug/l	96
16) Acetone	4.162	43	23809	26.935	ug/l #	84
17) Carbon Disulfide	4.409	76	75588	5.609	ug/l	100
18) Methyl Acetate	4.714	43	17754	5.859	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	36704	4.629	ug/l	100
20) Methylene Chloride	4.956	84	51660	8.456	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	23432	5.188	ug/l #	77
22) Diisopropyl ether	6.350	45	52539	4.243	ug/l #	83
23) Vinyl Acetate	6.303	43	113288	20.131	ug/l #	93
24) 1,1-Dichloroethane	6.250	63	46190	5.534	ug/l #	94
25) 2-Butanone	7.203	43	25653	23.578	ug/l #	86
26) 2,2-Dichloropropane	7.197	77	37793	5.676	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	23885	4.934	ug/l	98
28) Bromochloromethane	7.538	49	16648	5.087	ug/l	99
29) Tetrahydrofuran	7.550	42	14878	22.635	ug/l	99
30) Chloroform	7.703	83	48153	5.748	ug/l	97
31) Cyclohexane	7.973	56	42311	5.465	ug/l #	75
32) 1,1,1-Trichloroethane	7.897	97	40123	5.608	ug/l	96
36) 1,1-Dichloropropene	8.108	75	33486	5.079	ug/l	99
37) Ethyl Acetate	7.285	43	11591	4.729	ug/l #	93
38) Carbon Tetrachloride	8.085	117	36850	5.559	ug/l	98
39) Methylcyclohexane	9.350	83	35826	4.723	ug/l	95
40) Benzene	8.344	78	98832	5.156	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
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 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 05:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:19:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	5471	4.219	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	27464	5.628	ug/l	94
43) Isopropyl Acetate	8.450	43	21743	4.772	ug/l #	56
44) Trichloroethene	9.108	130	27454	5.544	ug/l	95
45) 1,2-Dichloropropane	9.379	63	26230	5.162	ug/l	99
46) Dibromomethane	9.467	93	13670	5.487	ug/l	92
47) Bromodichloromethane	9.655	83	35774	5.555	ug/l	96
48) Methyl methacrylate	9.450	41	9353	4.296	ug/l	89
49) 1,4-Dioxane	9.461	88	2650m	99.663	ug/l	
51) 4-Methyl-2-Pentanone	10.220	43	53352	22.330	ug/l	96
52) Toluene	10.397	92	51468	4.468	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	26159	4.660	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	34385	4.962	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	18967	5.368	ug/l	95
56) Ethyl methacrylate	10.655	69	15752	4.059	ug/l	91
57) 1,3-Dichloropropane	10.938	76	29202	4.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	39881	23.742	ug/l	97
59) 2-Hexanone	10.979	43	35838	21.012	ug/l	90
60) Dibromochloromethane	11.132	129	22982	5.421	ug/l	99
61) 1,2-Dibromoethane	11.238	107	17109	5.246	ug/l	96
64) Tetrachloroethene	10.873	164	22758	5.495	ug/l	95
65) Chlorobenzene	11.661	112	63247	5.107	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	23869	5.196	ug/l	97
67) Ethyl Benzene	11.738	91	98964	4.589	ug/l	100
68) m/p-Xylenes	11.844	106	72720	8.660	ug/l	98
69) o-Xylene	12.167	106	32943	4.332	ug/l	98
70) Styrene	12.191	104	56480	4.288	ug/l	98
71) Bromoform	12.349	173	11985	4.937	ug/l #	91
73) Isopropylbenzene	12.473	105	79989	4.116	ug/l	99
74) N-amyl acetate	12.279	43	18860	4.412	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	21797	5.496	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	16050m	5.595	ug/l	
77) Bromobenzene	12.755	156	23927	5.053	ug/l	93
78) n-propylbenzene	12.808	91	107445	4.307	ug/l	98
79) 2-Chlorotoluene	12.896	91	68009	4.695	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	68397	4.147	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	5356	4.901	ug/l	90
82) 4-Chlorotoluene	12.991	91	69010	4.584	ug/l	96
83) tert-Butylbenzene	13.214	119	59084	4.296	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	66612	4.096	ug/l	98
85) sec-Butylbenzene	13.390	105	96722	4.458	ug/l	97
86) p-Isopropyltoluene	13.502	119	72891	4.176	ug/l	95
87) 1,3-Dichlorobenzene	13.502	146	50827	5.198	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	52620	5.426	ug/l	94
89) n-Butylbenzene	13.832	91	78425	4.586	ug/l	93
90) Hexachloroethane	14.096	117	22967	5.864	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	42567	5.101	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3442	5.957	ug/l	88
93) 1,2,4-Trichlorobenzene	15.149	180	24024	4.983	ug/l	97
94) Hexachlorobutadiene	15.249	225	17450	5.493	ug/l	97
95) Naphthalene	15.385	128	35478	4.370	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	19737	4.711	ug/l	95

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 Data File : VD070831.D
 Acq On : 26 Oct 2021 10:02
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDICC005

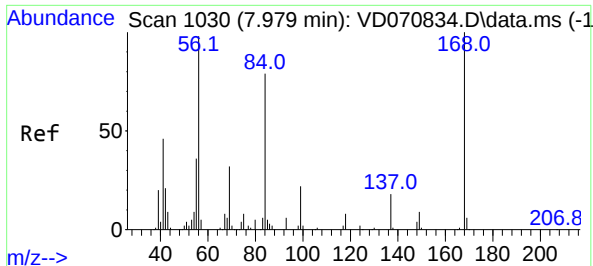
Manual Integrations
APPROVED

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

Quant Time: Oct 27 05:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:19:17 2021
 Response via : Initial Calibration

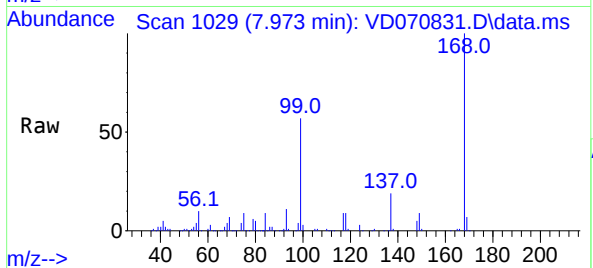
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

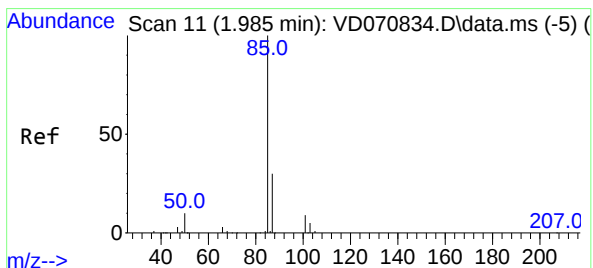
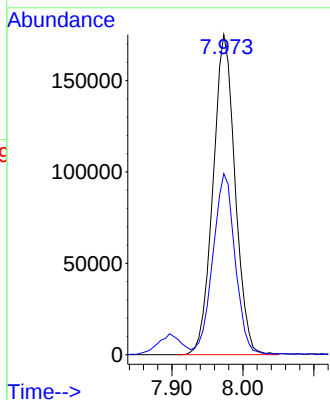
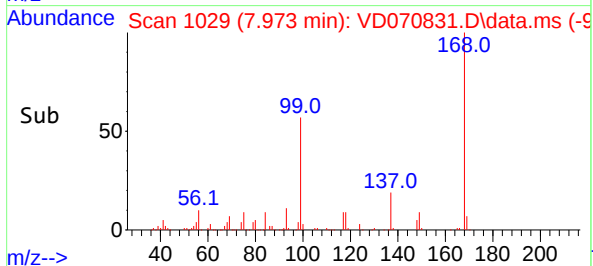
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 377774
Ion Ratio Lower Upper
168 100
99 56.3 46.6 69.8

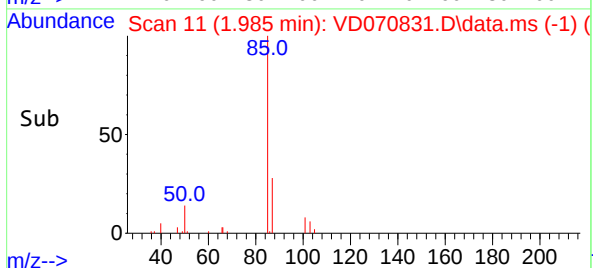
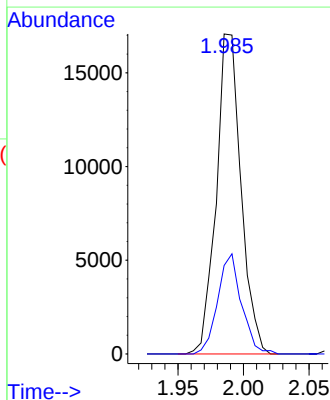
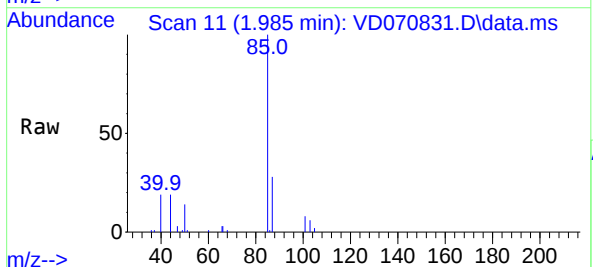
Manual Integrations
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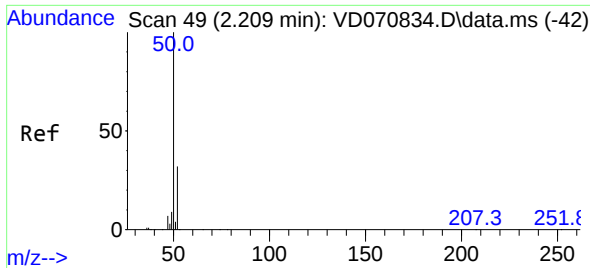
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#2
Dichlorodifluoromethane
Concen: 6.386 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

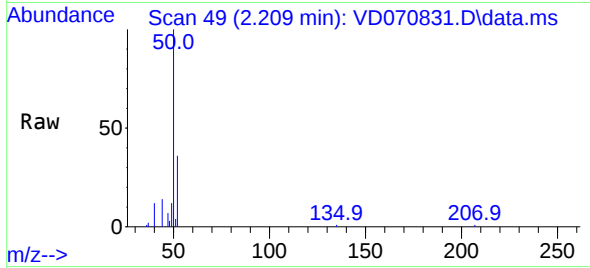
Tgt Ion: 85 Resp: 22374
Ion Ratio Lower Upper
85 100
87 27.6 15.2 45.6





#3
Chloromethane
Concen: 5.701 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

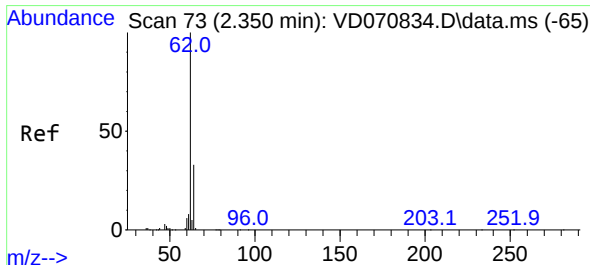
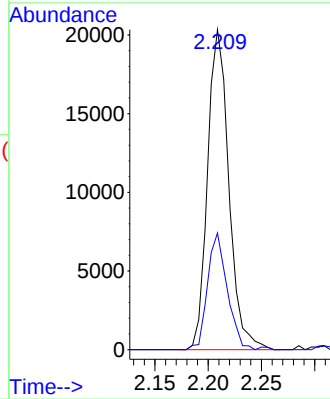
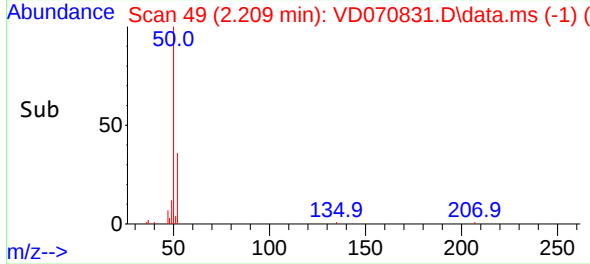
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



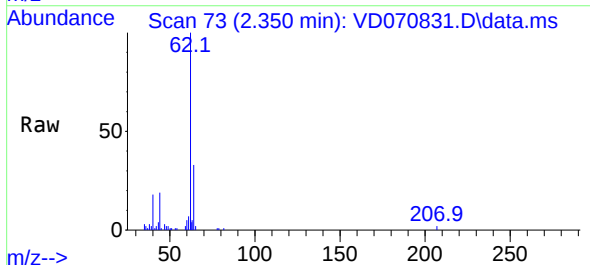
Tgt Ion: 50 Resp: 28270
Ion Ratio Lower Upper
50 100
52 36.4 25.8 38.8

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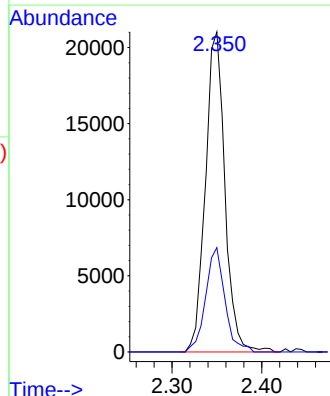
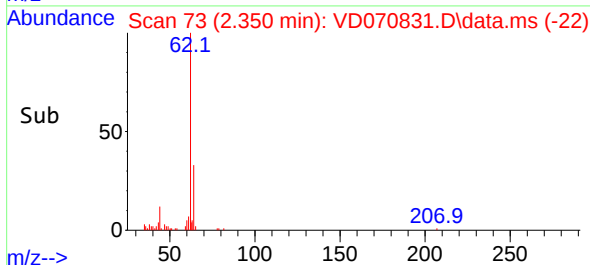
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

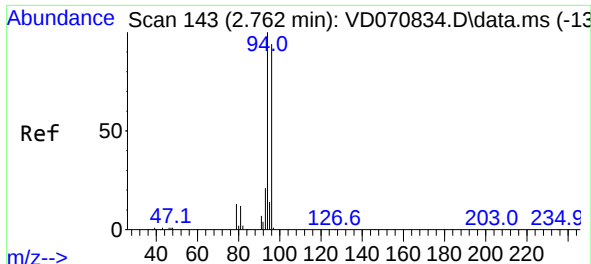


#4
Vinyl Chloride
Concen: 5.775 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



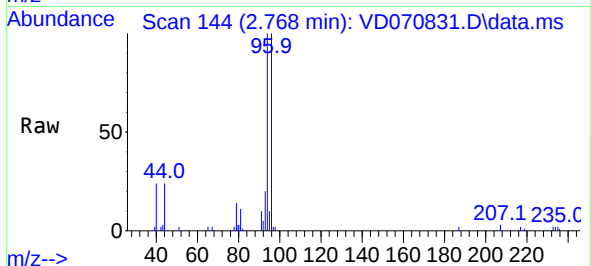
Tgt Ion: 62 Resp: 31680
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 6.519 ug/l
RT: 2.768 min Scan# 143
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

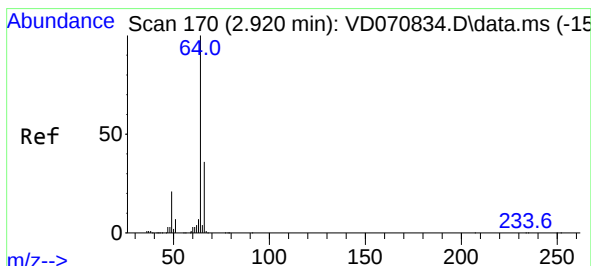
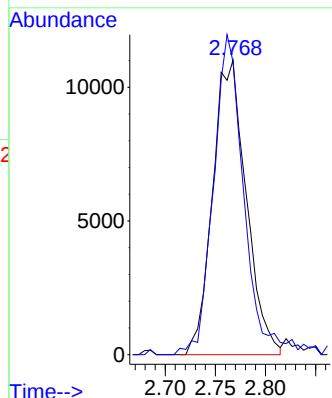
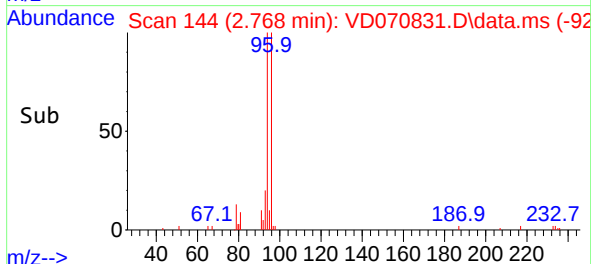
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



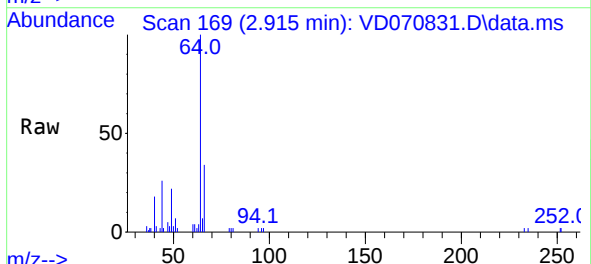
Tgt Ion: 94 Resp: 2559
Ion Ratio Lower Upper
94 100
96 97.3 74.8 112.2

Manual Integrations
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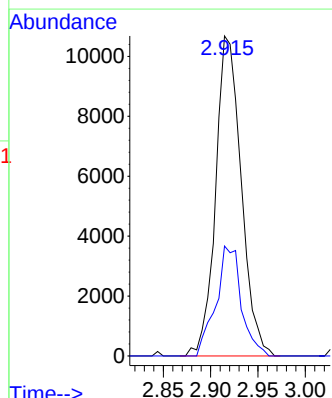
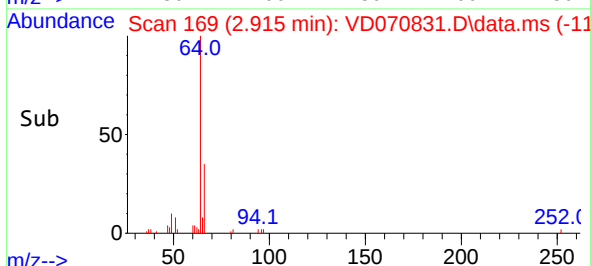
Reviewed By :Vimala Arumugam 10/27/2021
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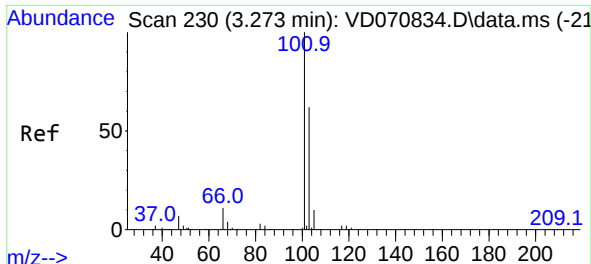


#6
Chloroethane
Concen: 5.920 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion: 64 Resp: 20063
Ion Ratio Lower Upper
64 100
66 34.4 29.0 43.4





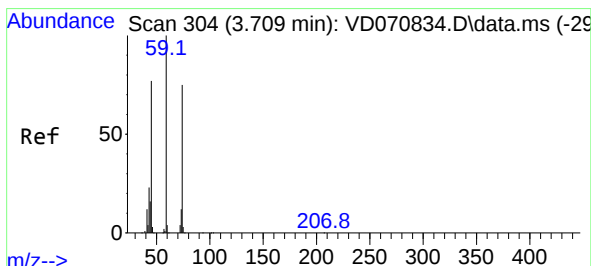
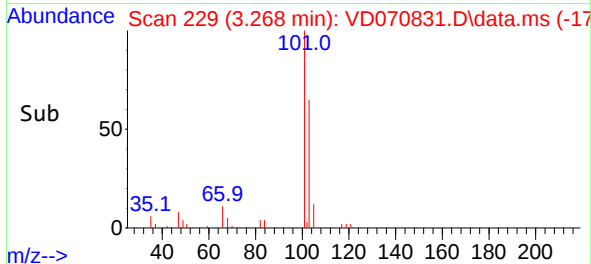
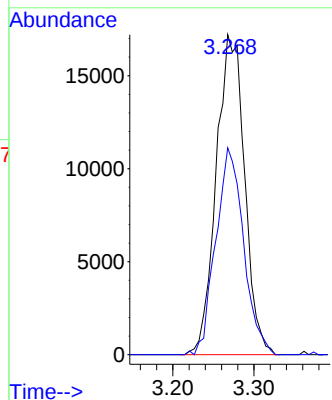
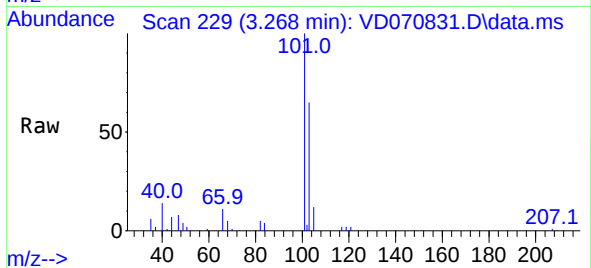
#7
Trichlorofluoromethane
Concen: 6.177 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 4173
Ion Ratio Lower Upper
101 100
103 64.6 49.7 74.5

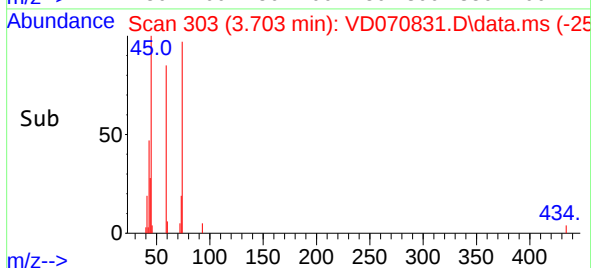
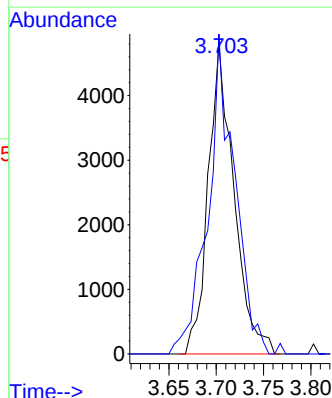
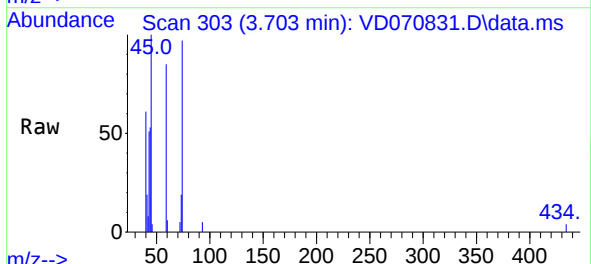
Manual Integrations
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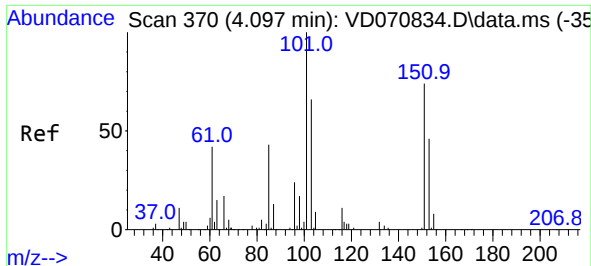
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#8
Diethyl Ether
Concen: 4.858 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Tgt Ion: 74 Resp: 9093
Ion Ratio Lower Upper
74 100
45 107.1 49.6 149.0





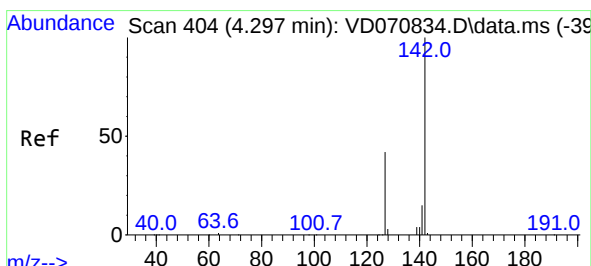
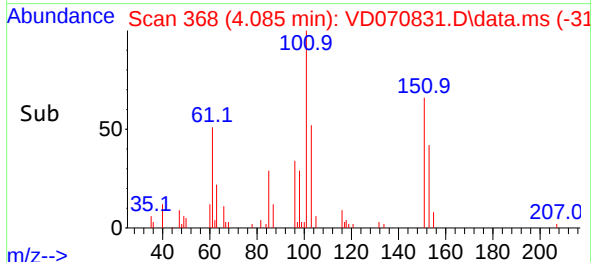
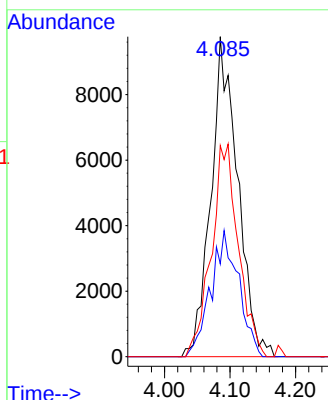
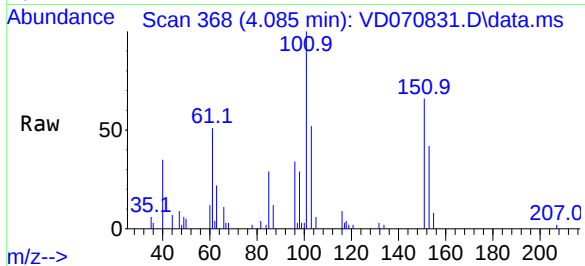
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.355 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2767
Ion Ratio Lower Upper
101 100
85 40.9 34.8 52.2
151 67.2 60.4 90.6

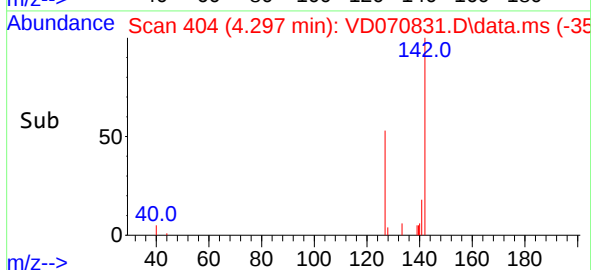
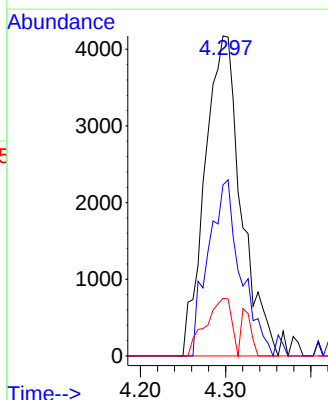
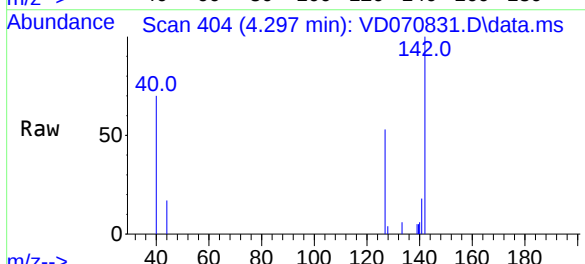
Manual Integrations
APPROVED

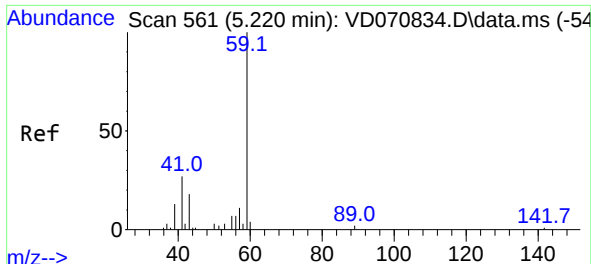
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#10
Methyl Iodide
Concen: 3.183 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

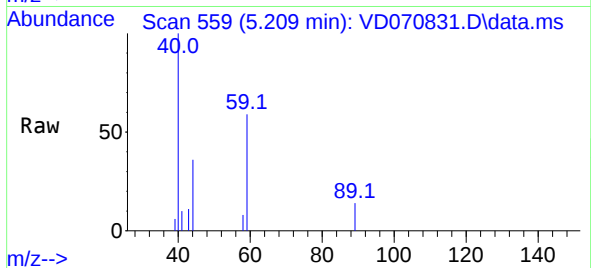
Tgt Ion:142 Resp: 12299
Ion Ratio Lower Upper
142 100
127 49.3 35.0 52.4
141 12.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 29.189 ug/l m
RT: 5.209 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

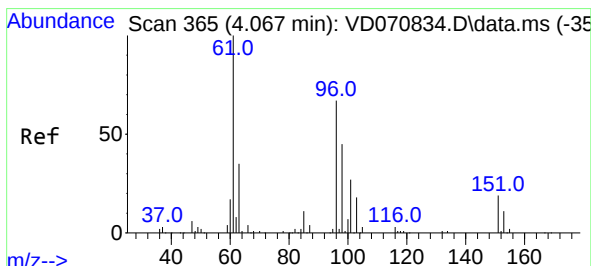
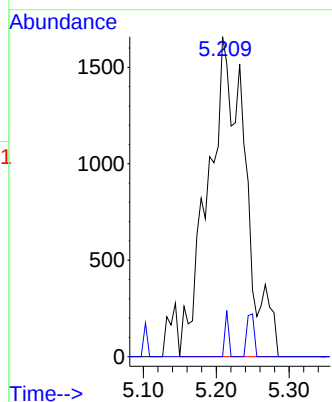
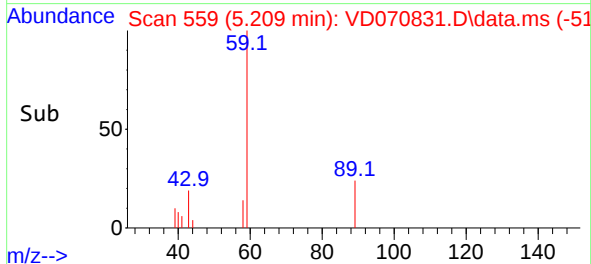
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 59 Resp: 5894
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4

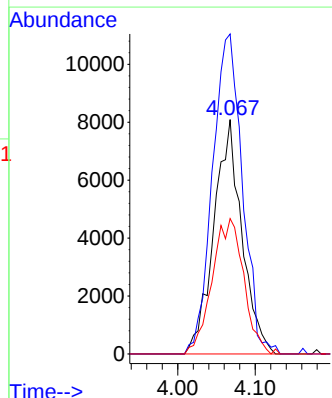
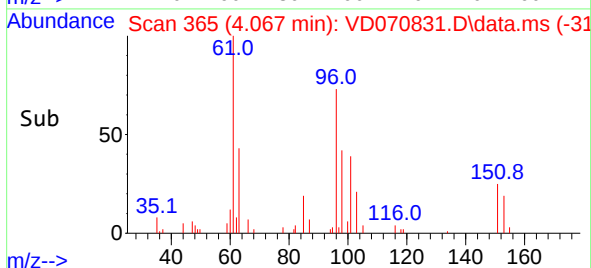
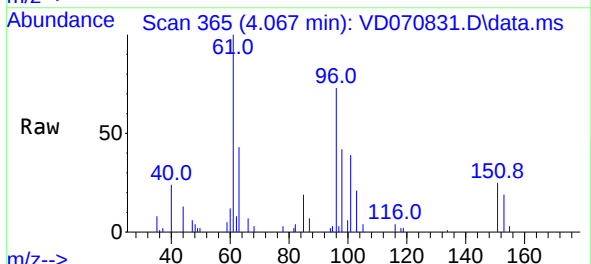
Manual Integrations
APPROVED

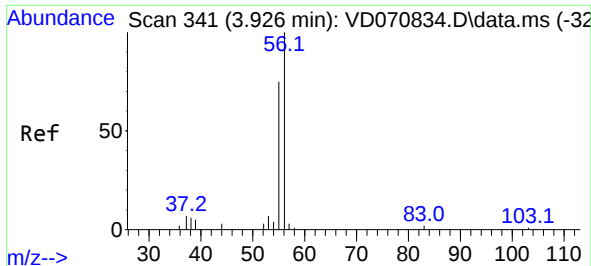
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#12
1,1-Dichloroethene
Concen: 5.331 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

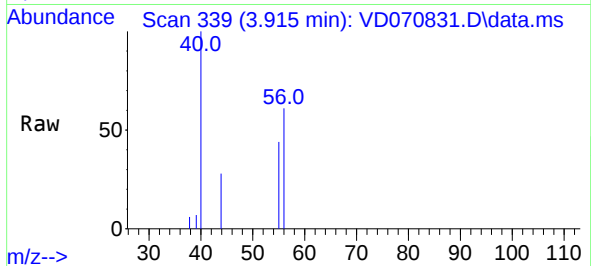
Tgt Ion: 96 Resp: 20321
Ion Ratio Lower Upper
96 100
61 136.5 120.3 180.5
98 57.7 54.4 81.6





#13
Acrolein
Concen: 24.072 ug/l
RT: 3.915 min Scan# 341
Delta R.T. -0.012 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

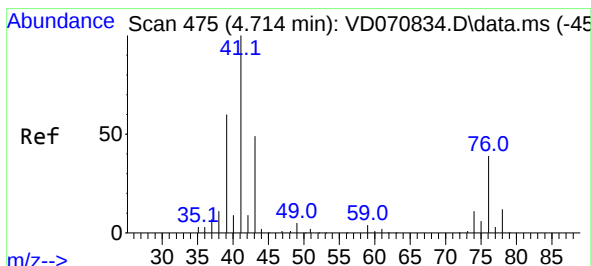
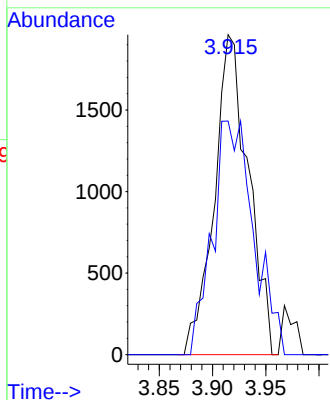
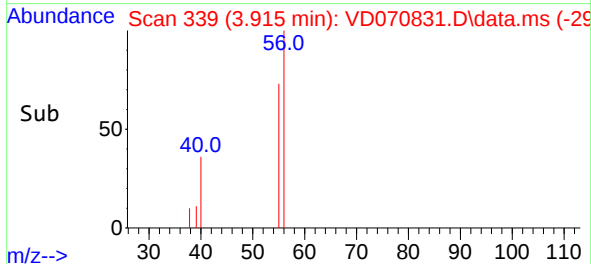
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 4359
Ion Ratio Lower Upper
56 100
55 88.2 58.6 87.8

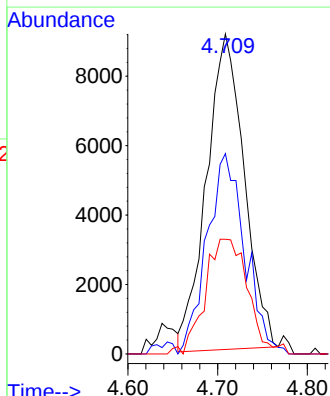
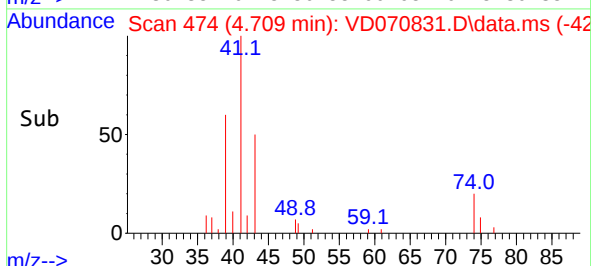
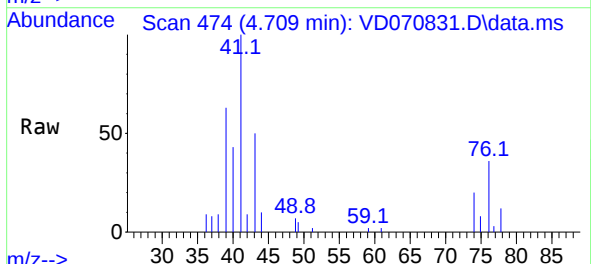
Manual Integrations
APPROVED

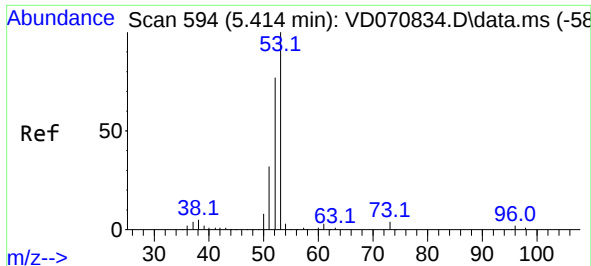
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#14
Allyl chloride
Concen: 4.439 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

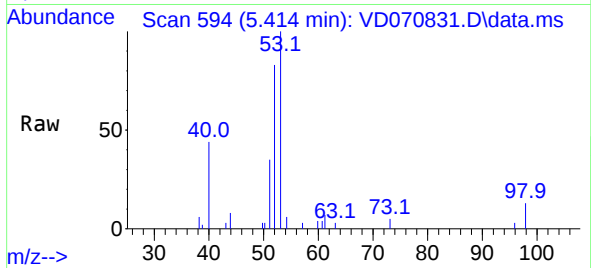
Tgt Ion: 41 Resp: 26504
Ion Ratio Lower Upper
41 100
39 63.9 45.6 68.4
76 41.4 30.2 45.4





#15
Acrylonitrile
Concen: 24.444 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

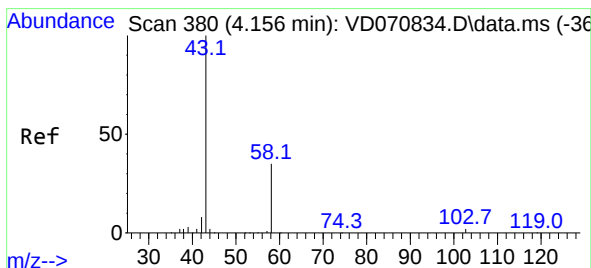
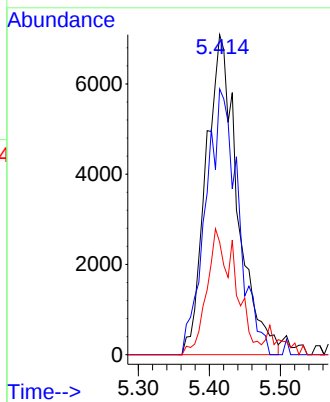
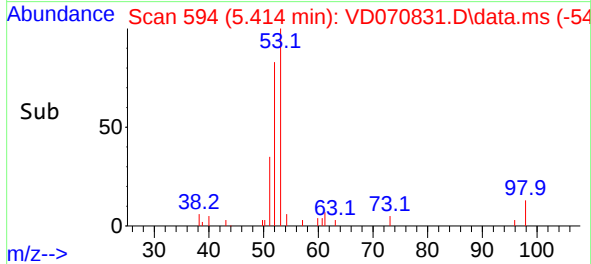
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 21917
Ion Ratio Lower Upper
53 100
52 85.3 63.8 95.8
51 35.6 28.5 42.7

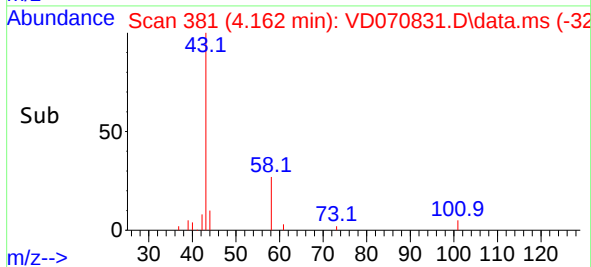
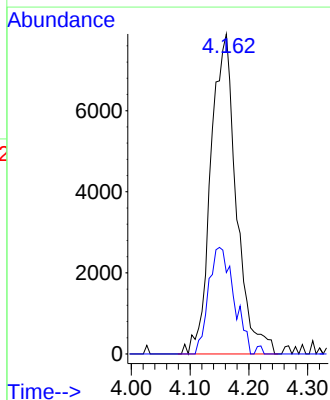
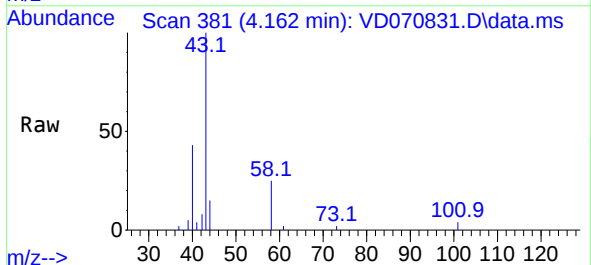
Manual Integrations
APPROVED

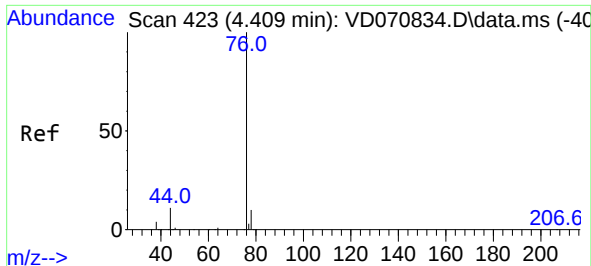
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#16
Acetone
Concen: 26.935 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

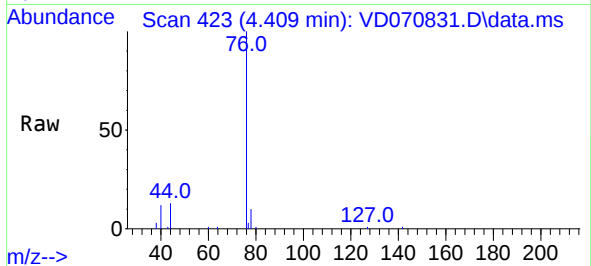
Tgt Ion: 43 Resp: 23809
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#





#17
Carbon Disulfide
Concen: 5.609 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

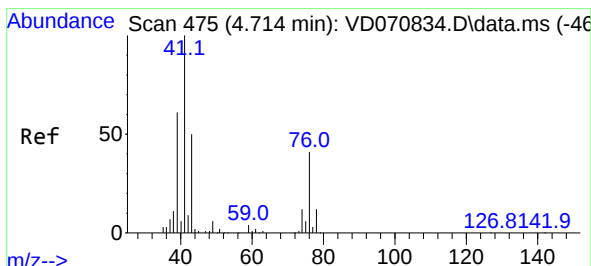
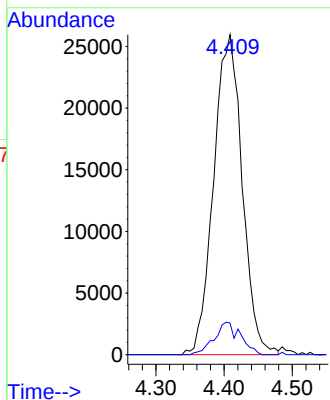
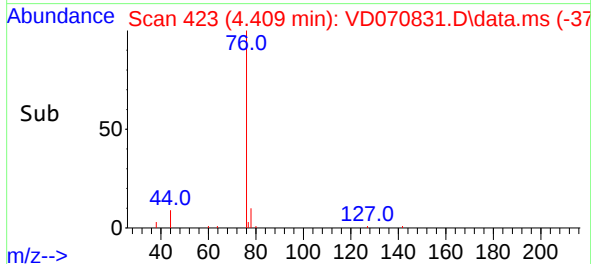
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



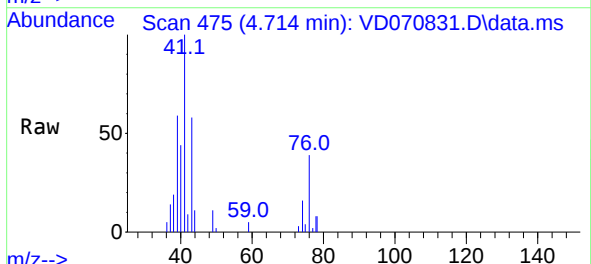
Tgt Ion: 76 Resp: 7558
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8

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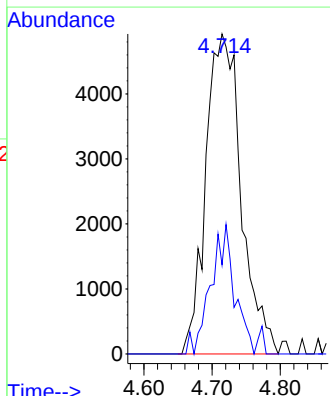
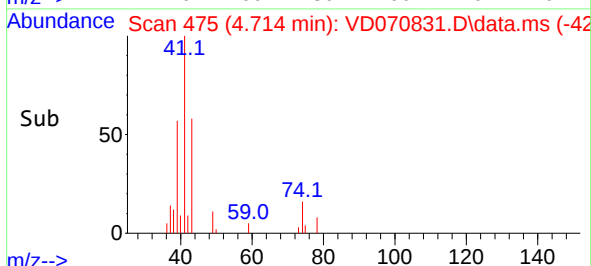
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

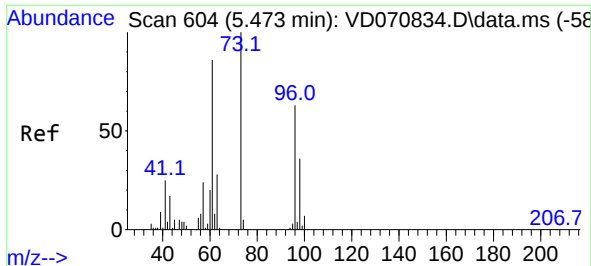


#18
Methyl Acetate
Concen: 5.859 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



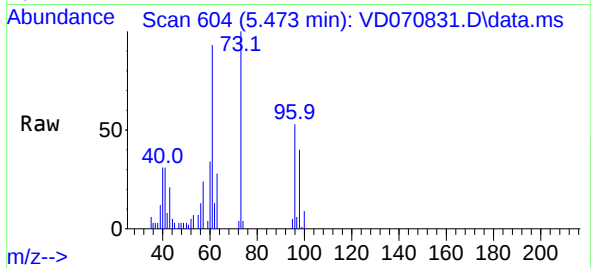
Tgt Ion: 43 Resp: 17754
Ion Ratio Lower Upper
43 100
74 27.2 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 4.629 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

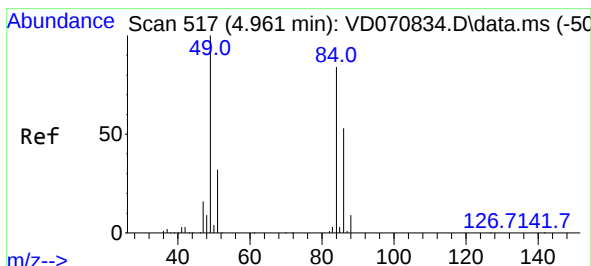
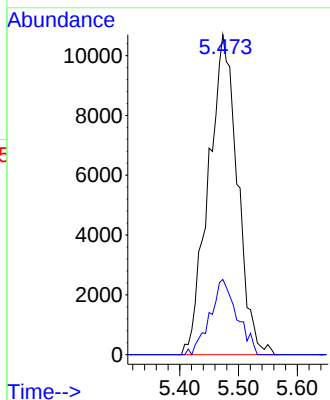
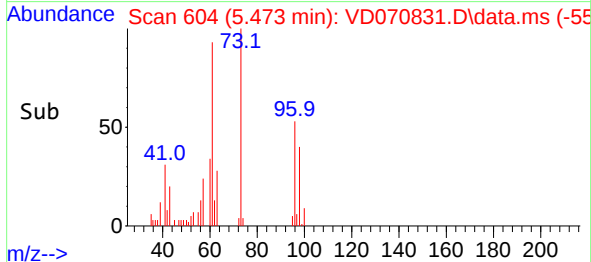
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



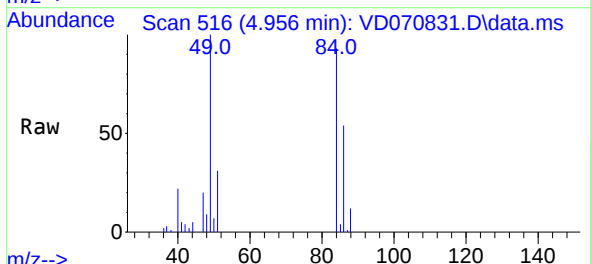
Tgt Ion: 73 Resp: 36704
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3

Manual Integrations
APPROVED

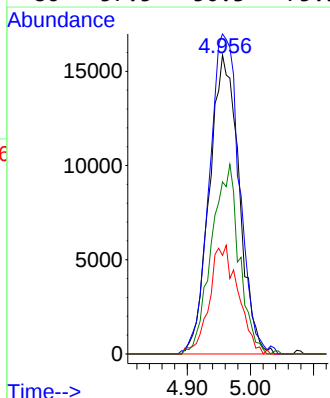
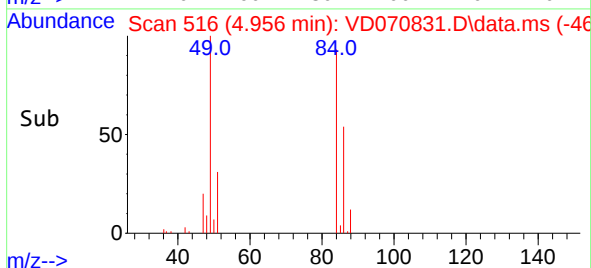
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

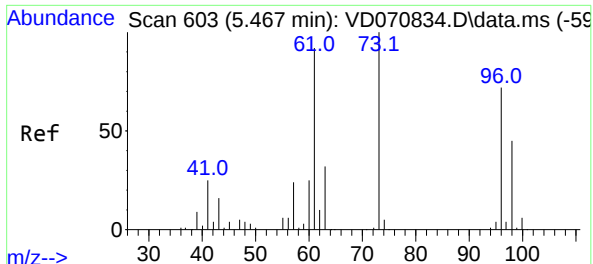


#20
Methylene Chloride
Concen: 8.456 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion: 84 Resp: 51660
Ion Ratio Lower Upper
84 100
49 107.0 95.8 143.6
51 33.0 30.9 46.3
86 57.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 5.188 ug/l

RT: 5.467 min Scan# 603

Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 2343

Ion Ratio Lower Upper

96 100

61 100.6 102.1 153.1

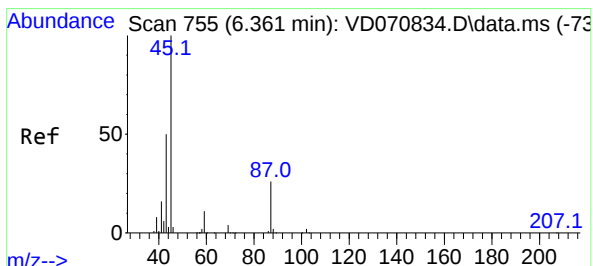
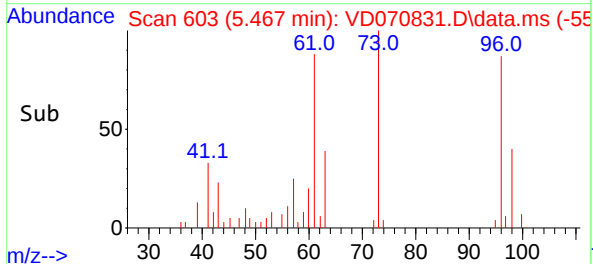
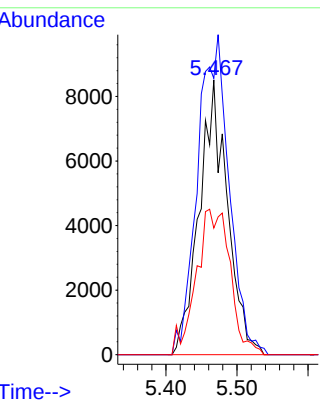
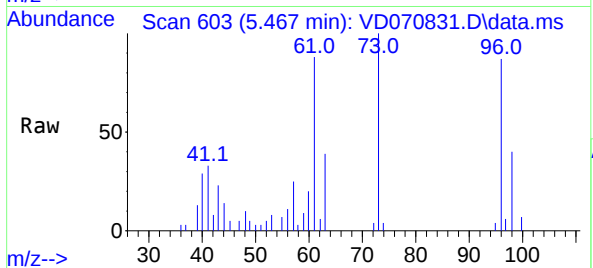
98 46.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#22

Diisopropyl ether

Concen: 4.243 ug/l

RT: 6.350 min Scan# 753

Delta R.T. -0.012 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Tgt Ion: 45 Resp: 52539

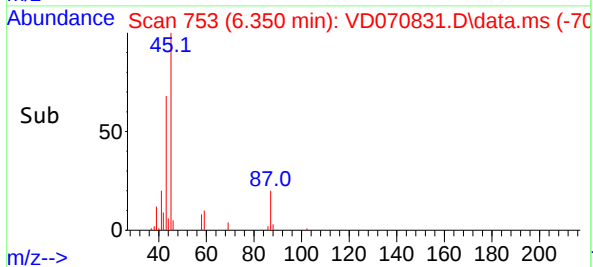
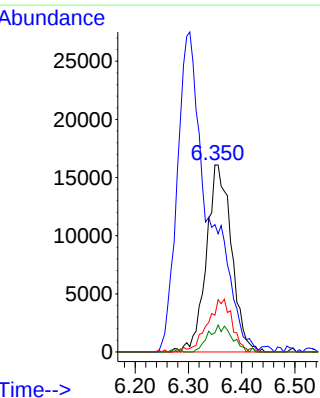
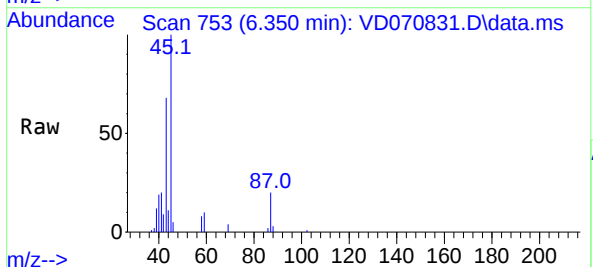
Ion Ratio Lower Upper

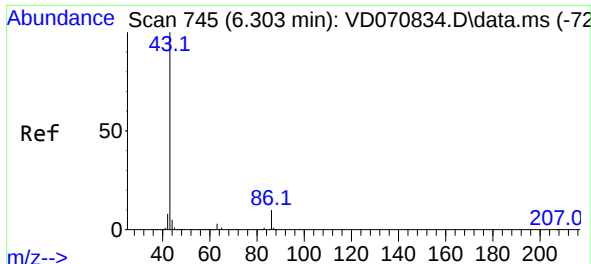
45 100

43 65.0 39.6 59.4#

87 19.7 21.2 31.8#

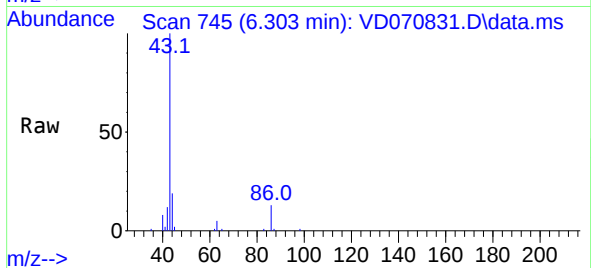
59 10.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 20.131 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD070831.D
 Acq: 26 Oct 2021 10:02

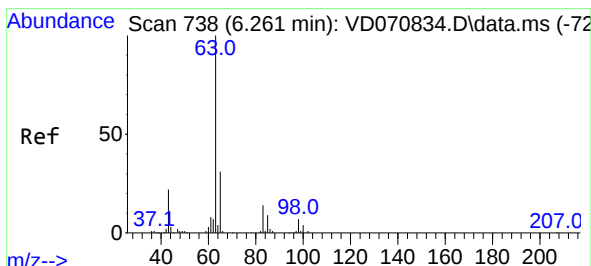
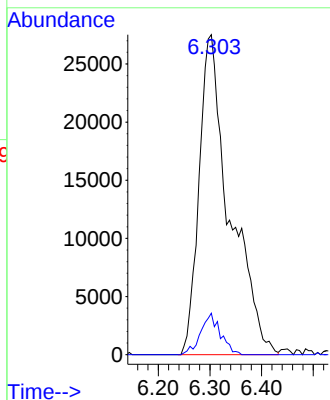
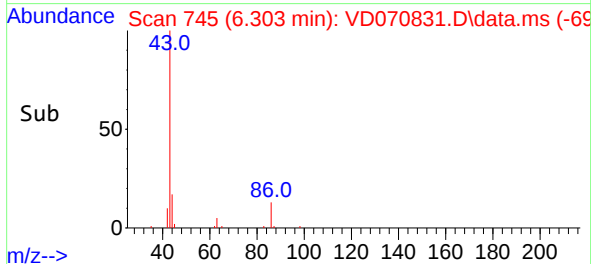
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



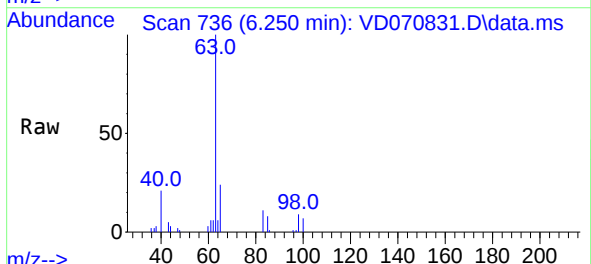
Tgt Ion: 43 Resp: 11328
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.2 12.4

Manual Integrations
 APPROVED

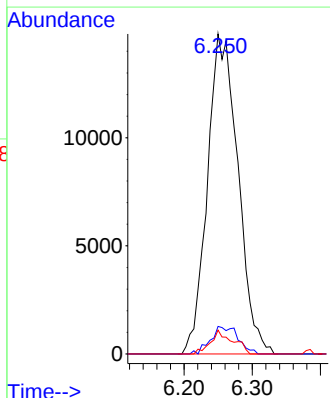
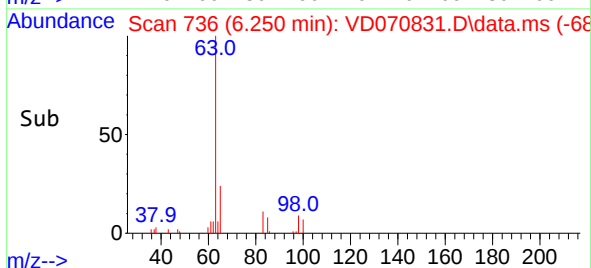
Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

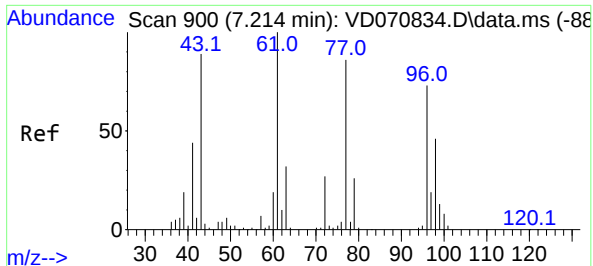


#24
 1,1-Dichloroethane
 Concen: 5.534 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.012 min
 Lab File: VD070831.D
 Acq: 26 Oct 2021 10:02



Tgt Ion: 63 Resp: 46190
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.6
 100 7.4 2.1 6.3





#25

2-Butanone

Concen: 23.578 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2565

Ion Ratio Lower Upper

43 100

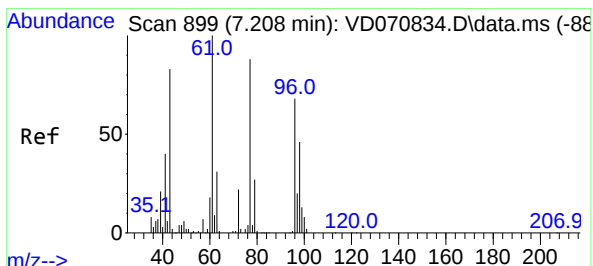
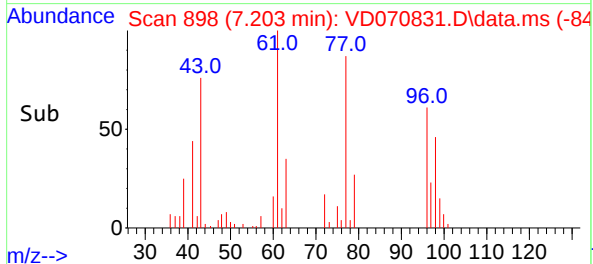
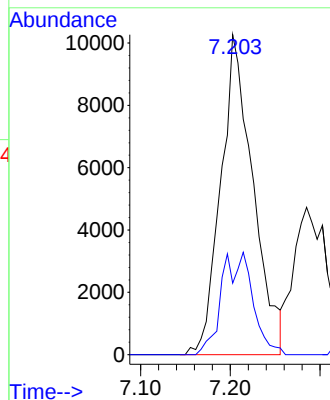
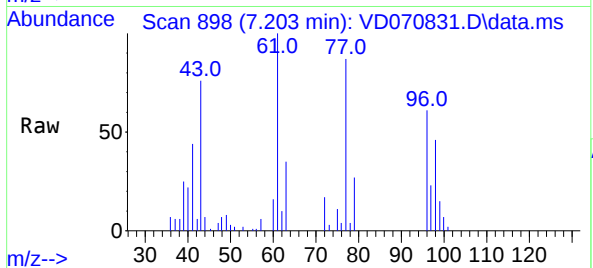
72 22.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#26

2,2-Dichloropropane

Concen: 5.676 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.012 min

Lab File: VD070831.D

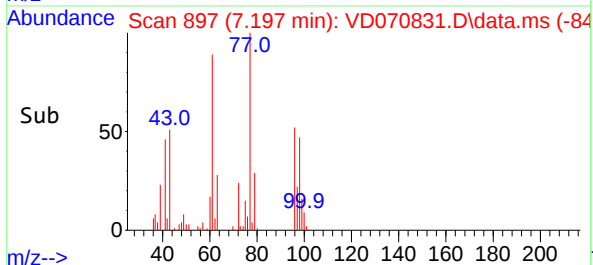
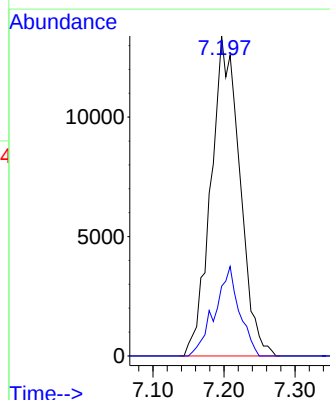
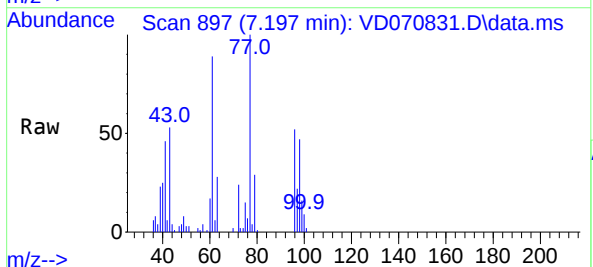
Acq: 26 Oct 2021 10:02

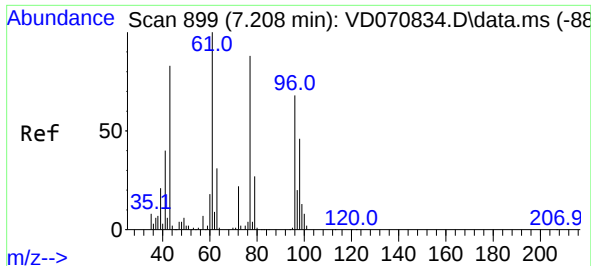
Tgt Ion: 77 Resp: 37793

Ion Ratio Lower Upper

77 100

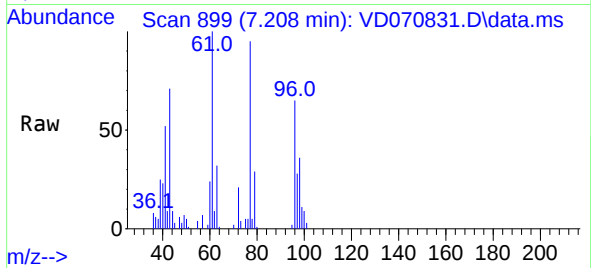
97 23.8 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 4.934 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

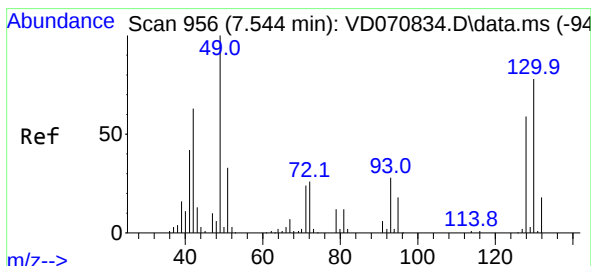
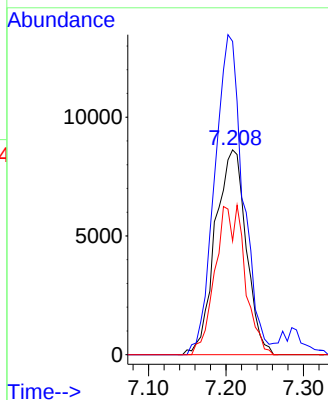
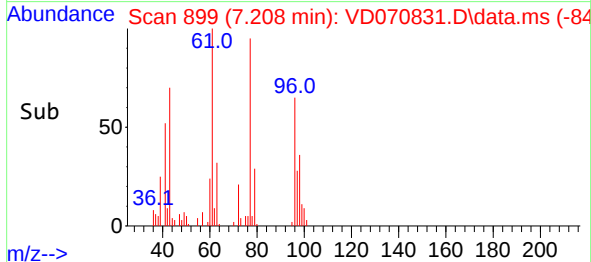
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 2388
Ion Ratio Lower Upper
96 100
61 144.4 0.0 288.6
98 70.0 0.0 129.2

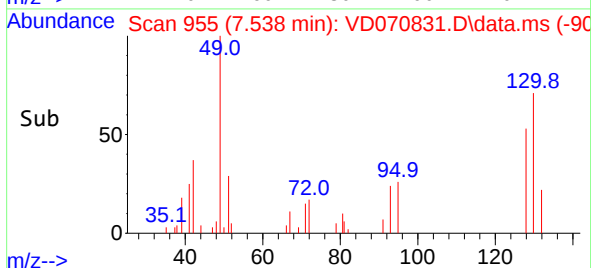
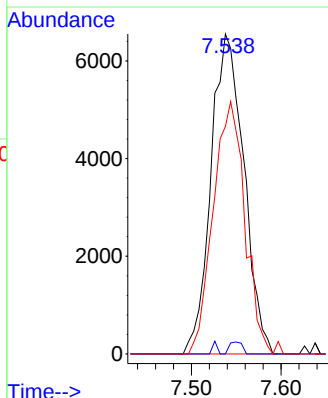
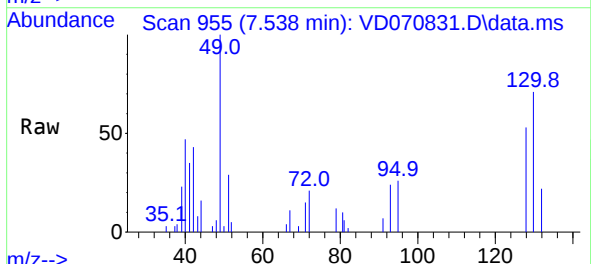
Manual Integrations
APPROVED

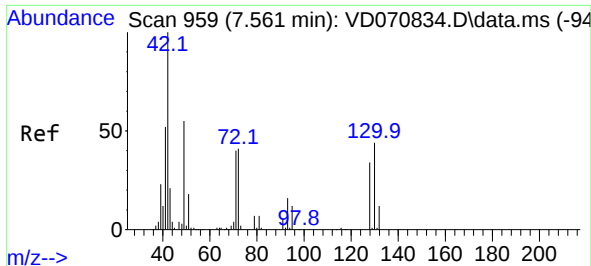
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#28
Bromochloromethane
Concen: 5.087 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

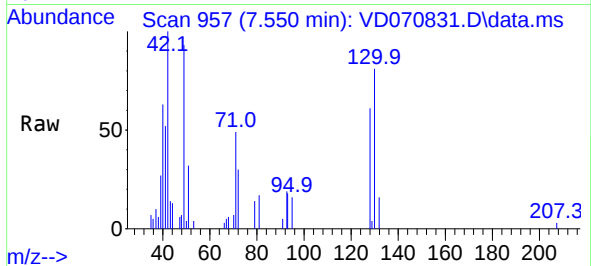
Tgt Ion: 49 Resp: 16648
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 75.7 60.2 90.2





#29
Tetrahydrofuran
Concen: 22.635 ug/l
RT: 7.550 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

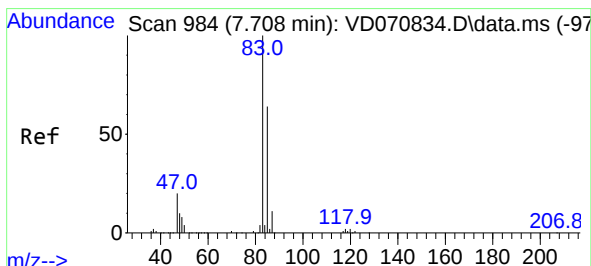
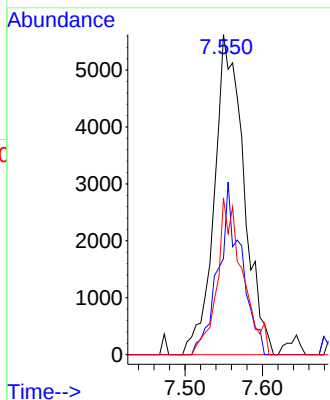
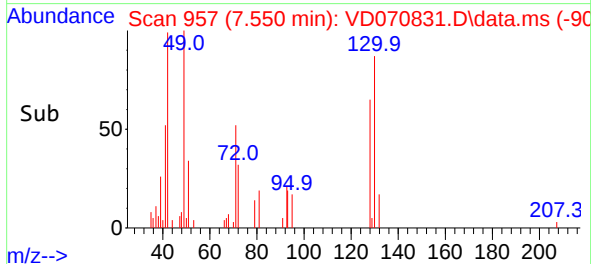
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 42 Resp: 14878
Ion Ratio Lower Upper
42 100
72 42.0 33.7 50.5
71 42.1 32.7 49.1

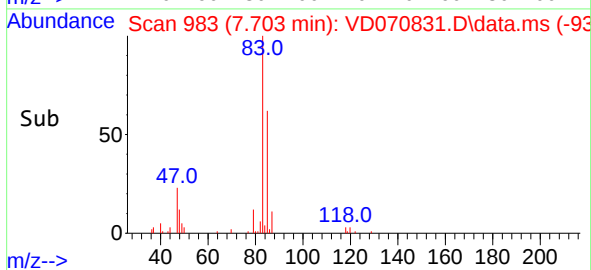
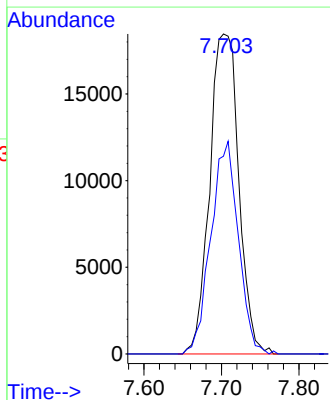
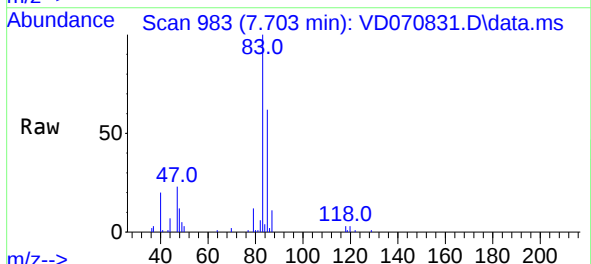
Manual Integrations
APPROVED

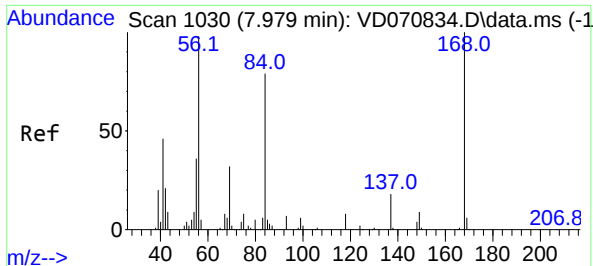
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Chloroform
Concen: 5.748 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

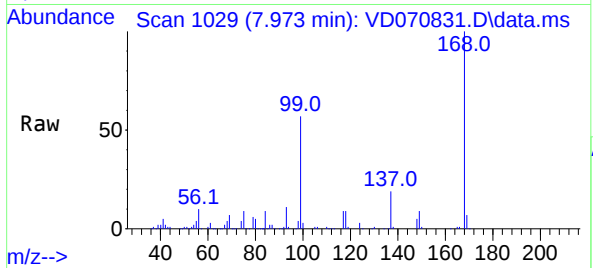
Tgt Ion: 83 Resp: 48153
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.6





#31
Cyclohexane
Concen: 5.465 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

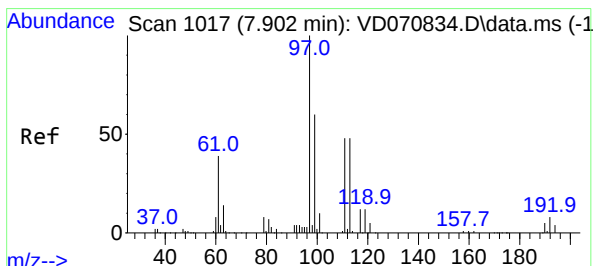
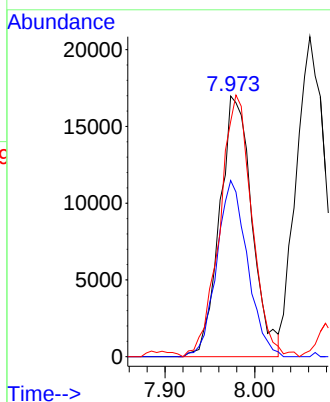
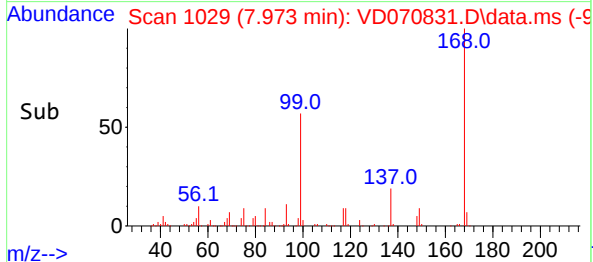
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



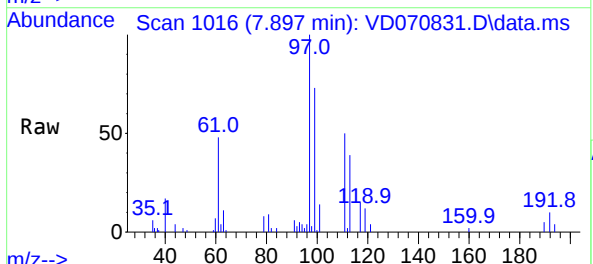
Tgt Ion: 56 Resp: 4231
Ion Ratio Lower Upper
56 100
69 67.6 25.9 38.9
84 89.2 64.3 96.5

Manual Integrations
APPROVED

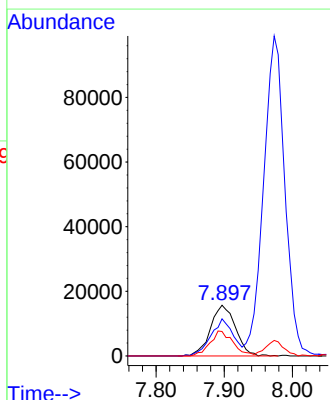
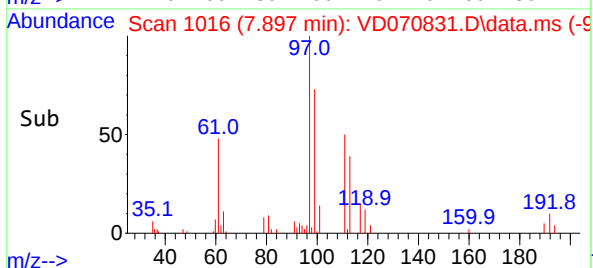
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

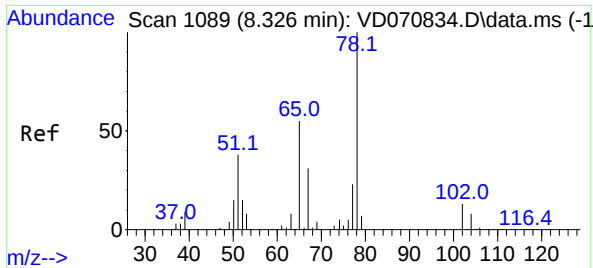


#32
1,1,1-Trichloroethane
Concen: 5.608 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion: 97 Resp: 40123
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 45.0 33.0 49.4





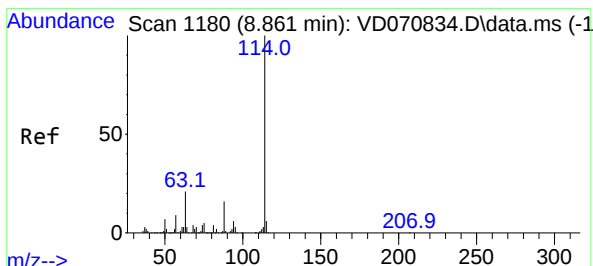
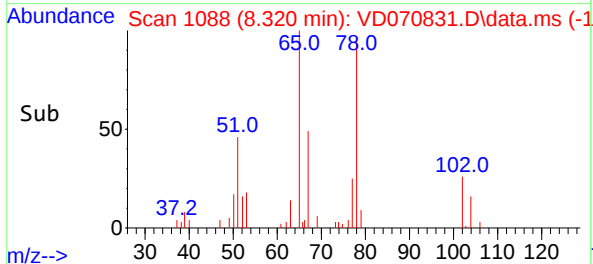
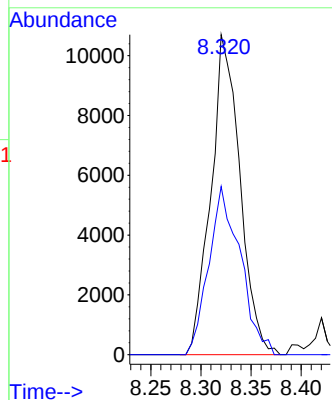
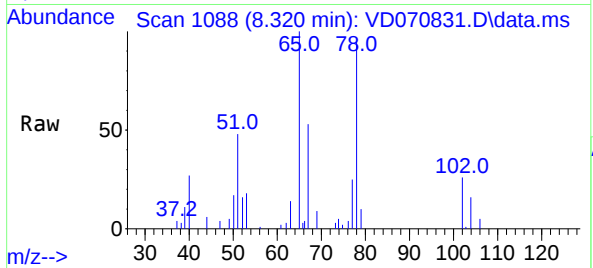
#33
1,2-Dichloroethane-d4
Concen: 5.685 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 21600
Ion Ratio Lower Upper
65 100
67 57.0 0.0 112.2

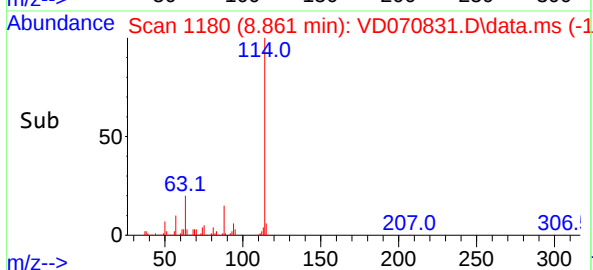
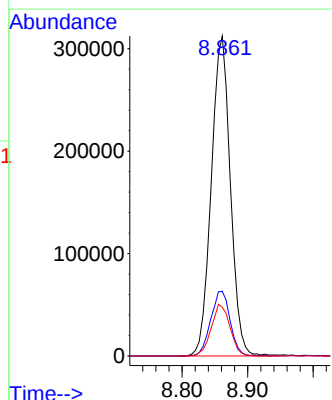
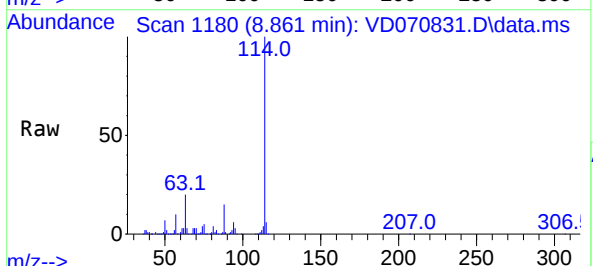
Manual Integrations
APPROVED

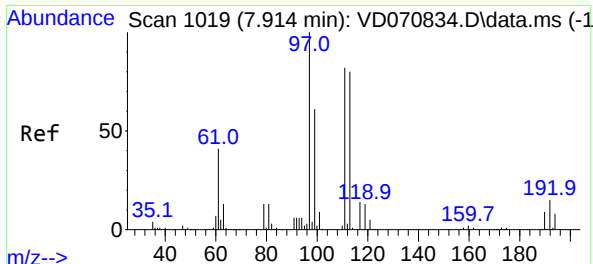
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

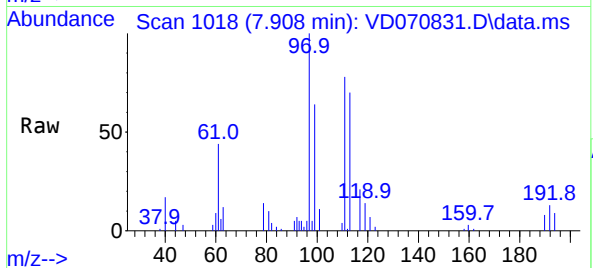
Tgt Ion:114 Resp: 630101
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.8
88 15.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 5.340 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

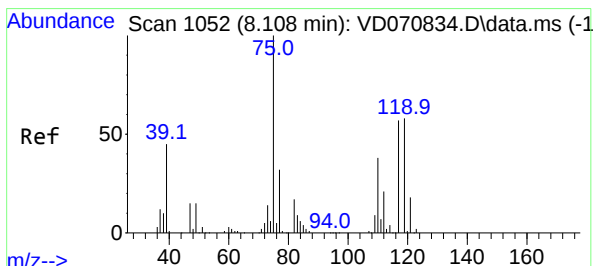
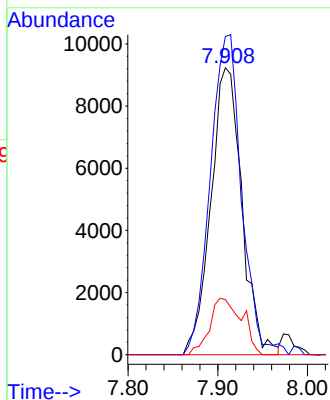
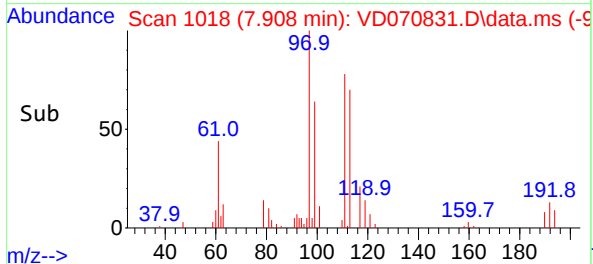
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



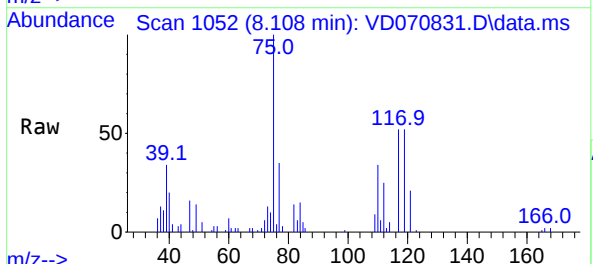
Tgt Ion: 113 Resp: 2218
Ion Ratio Lower Upper
113 100
111 112.0 82.0 123.0
192 20.5 15.2 22.8

Manual Integrations
APPROVED

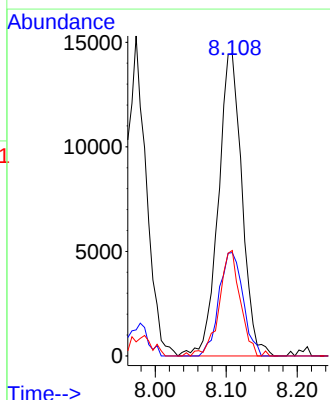
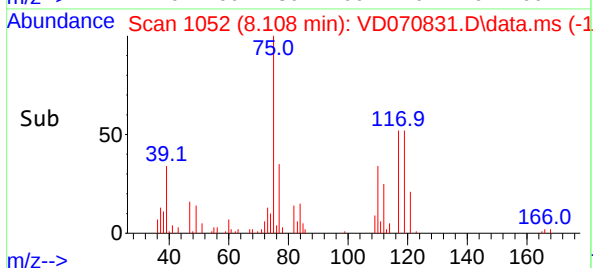
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

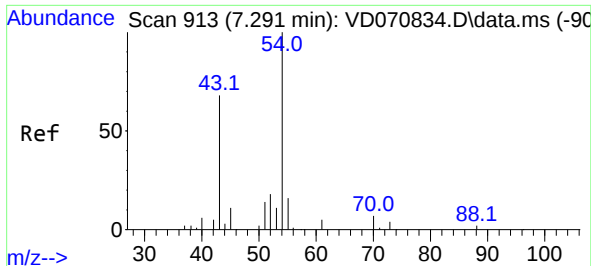


#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



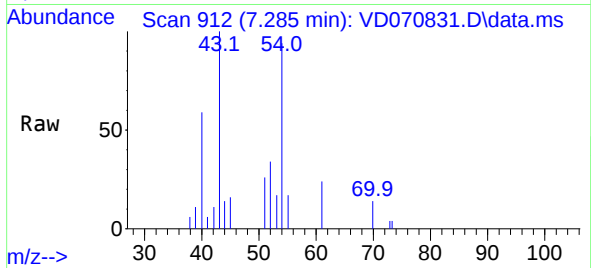
Tgt Ion: 75 Resp: 33486
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.4
77 30.9 24.8 37.2





#37
Ethyl Acetate
Concen: 4.729 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

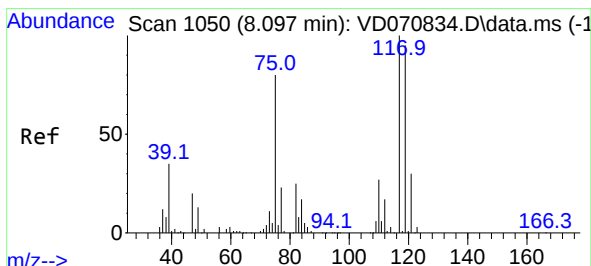
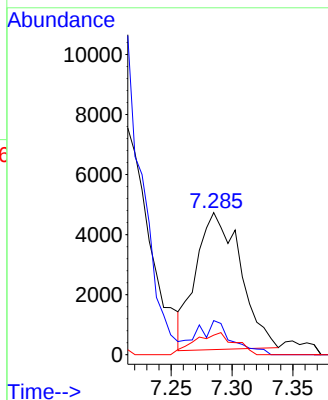
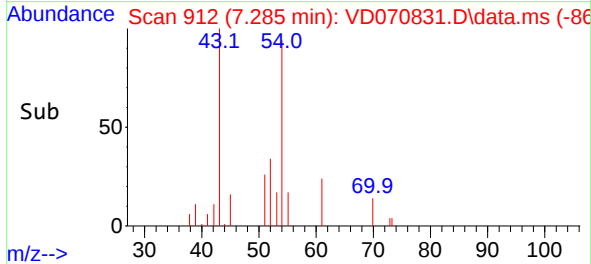
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
61 18.4 13.0 19.6
70 14.4 8.7 13.1

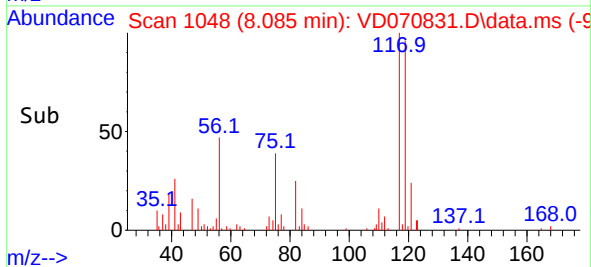
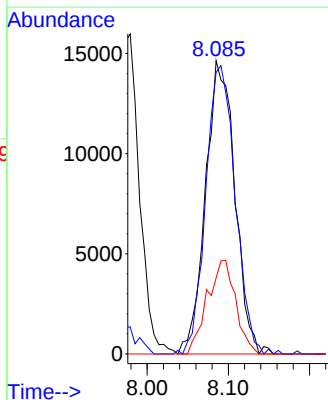
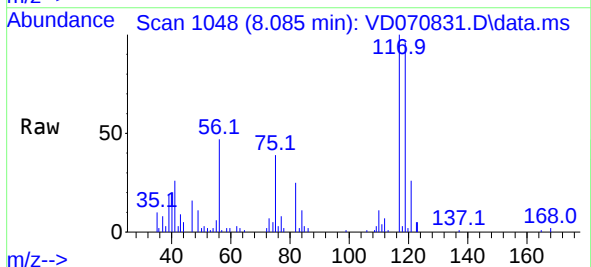
Manual Integrations
APPROVED

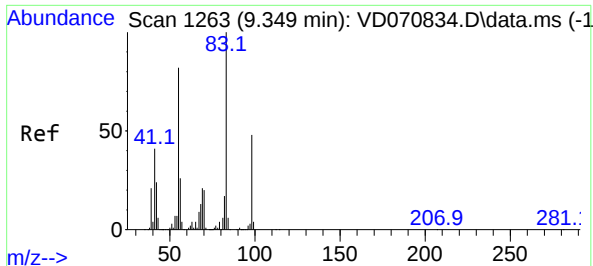
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.012 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Tgt Ion:117 Resp: 36850
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 25.9 23.6 35.4





#39

Methylcyclohexane

Concen: 4.723 ug/l

RT: 9.350 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD070831.D

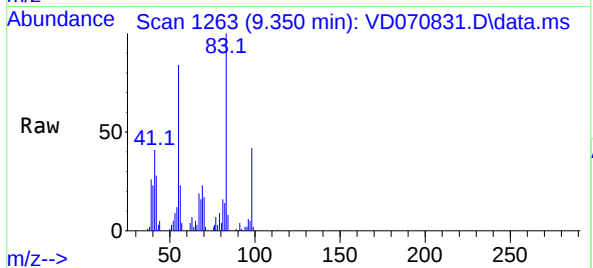
Acq: 26 Oct 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005



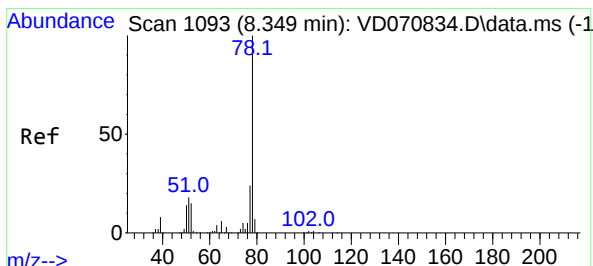
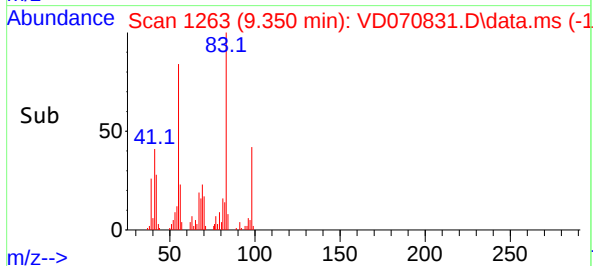
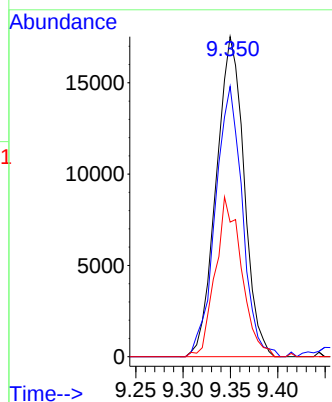
Tgt Ion: 83 Resp: 35820

Ion	Ratio	Lower	Upper
83	100		
55	84.4	65.8	98.8
98	42.1	38.7	58.1

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 5.156 ug/l

RT: 8.344 min Scan# 1092

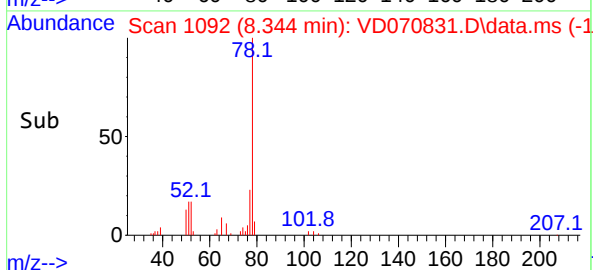
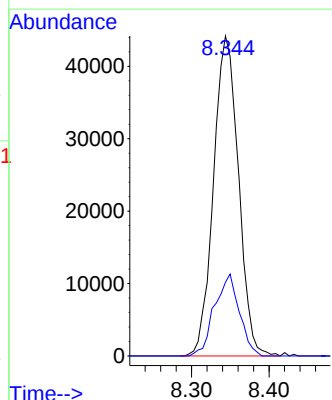
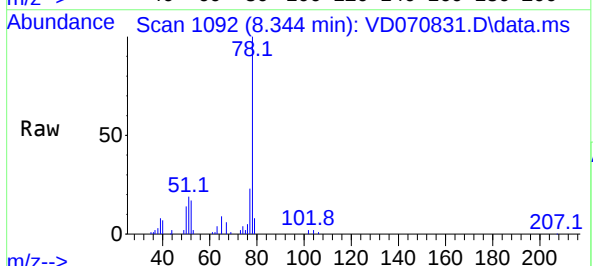
Delta R.T. -0.006 min

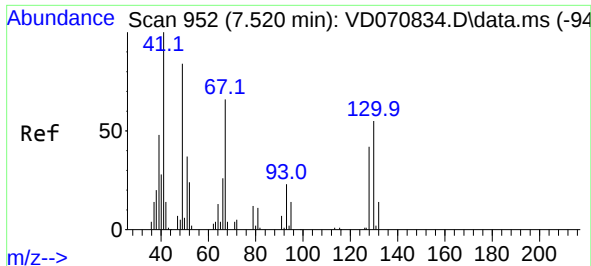
Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Tgt Ion: 78 Resp: 98832

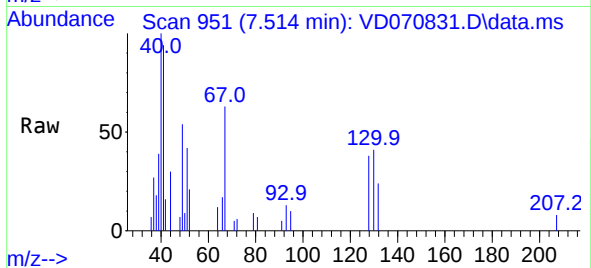
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41
Methacrylonitrile
Concen: 4.219 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

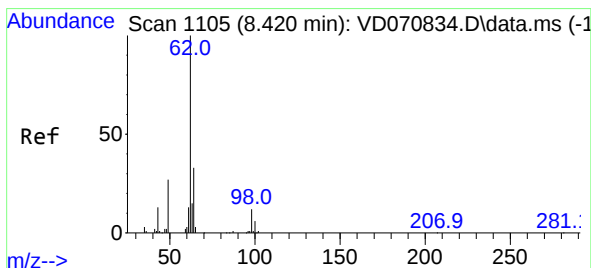
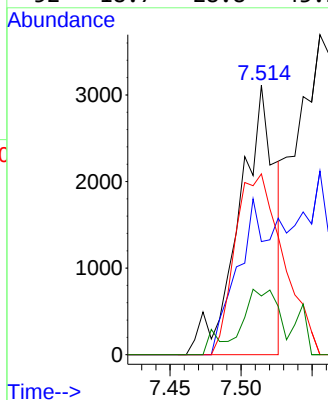
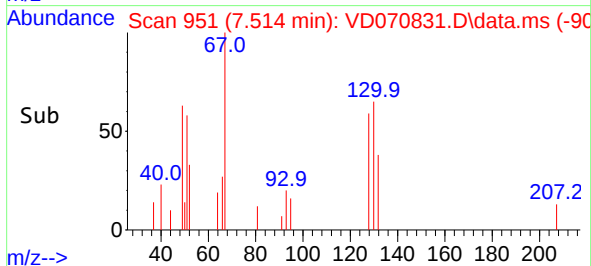
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 547
Ion Ratio Lower Upper
41 100
39 49.0 60.2 90.4
67 90.0 74.8 112.2
52 18.7 28.8 43.2#

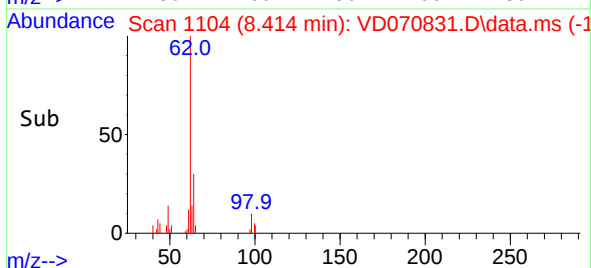
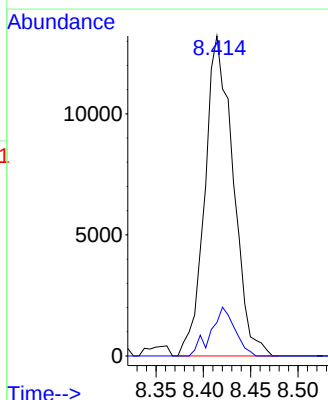
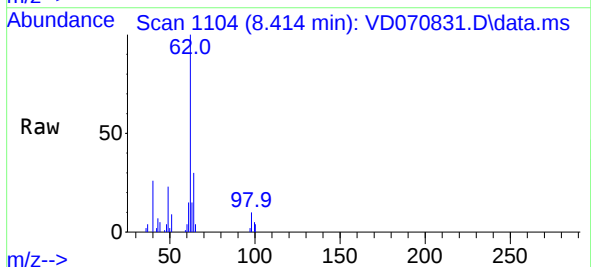
Manual Integrations
APPROVED

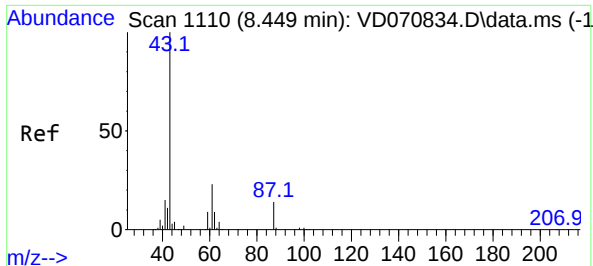
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#42
1,2-Dichloroethane
Concen: 5.628 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

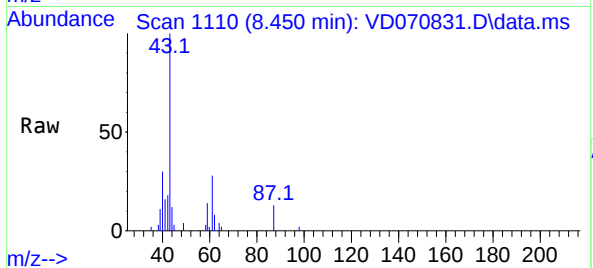
Tgt Ion: 62 Resp: 27464
Ion Ratio Lower Upper
62 100
98 13.0 0.0 21.8





#43
Isopropyl Acetate
Concen: 4.772 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

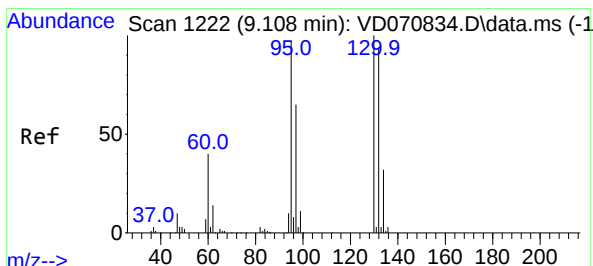
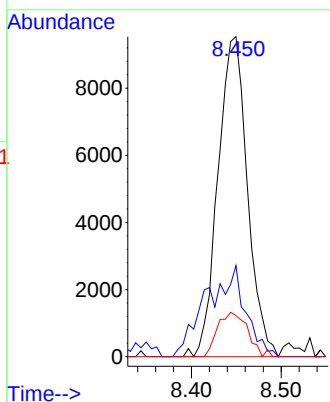
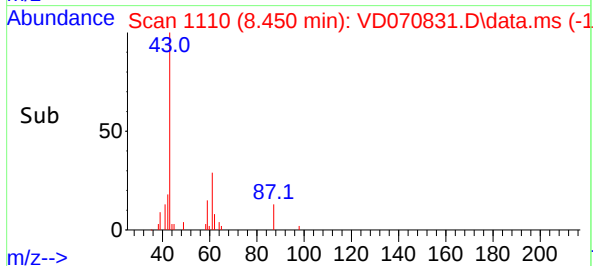
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4
87 14.2 10.7 16.1

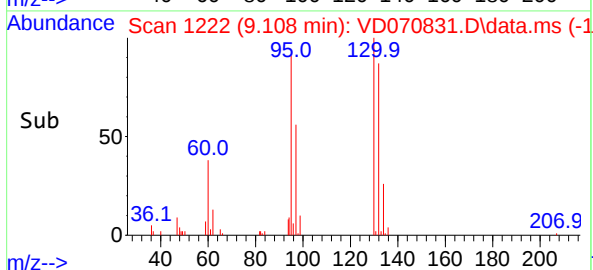
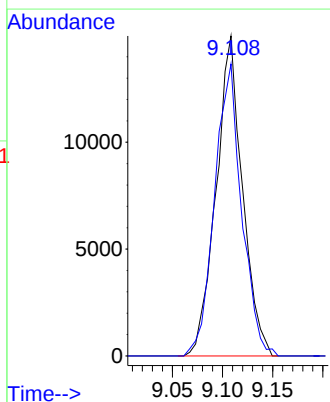
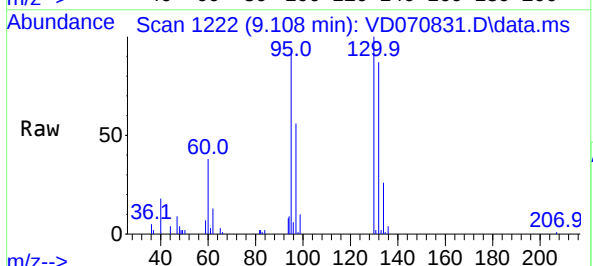
Manual Integrations
APPROVED

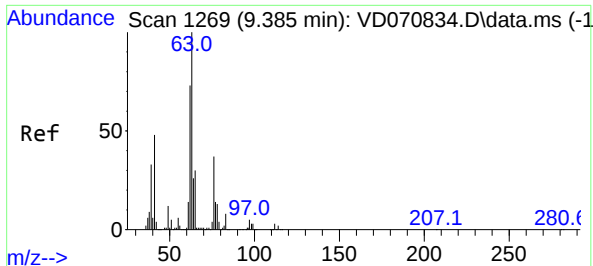
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#44
Trichloroethene
Concen: 5.544 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

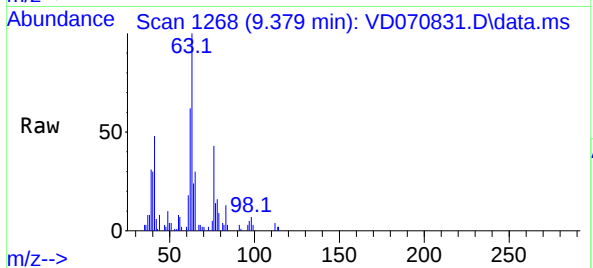
Tgt Ion:130 Resp: 27454
Ion Ratio Lower Upper
130 100
95 91.2 0.0 193.2





#45
1,2-Dichloropropane
Concen: 5.162 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

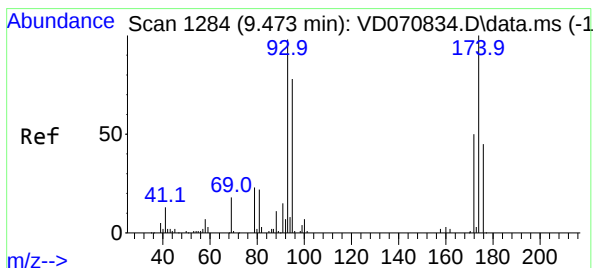
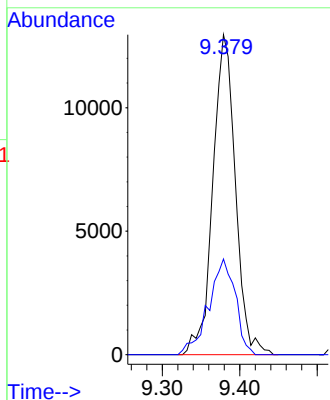
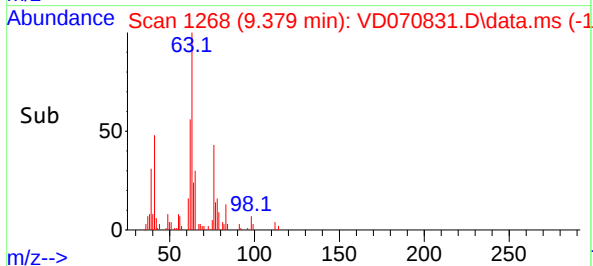
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



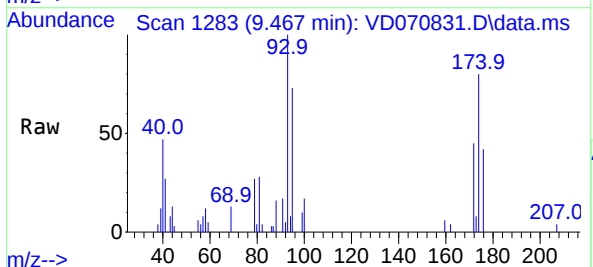
Tgt Ion: 63 Resp: 26230
Ion Ratio Lower Upper
63 100
65 29.9 24.2 36.2

Manual Integrations
APPROVED

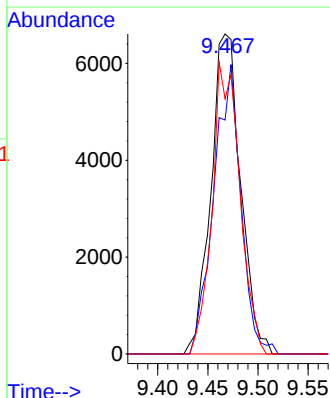
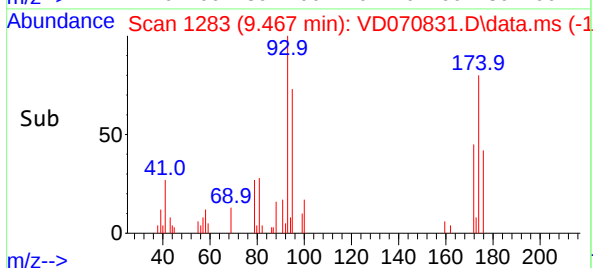
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

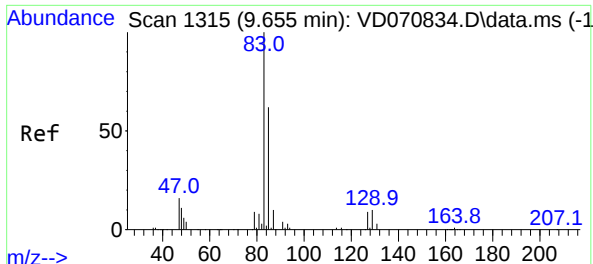


#46
Dibromomethane
Concen: 5.487 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



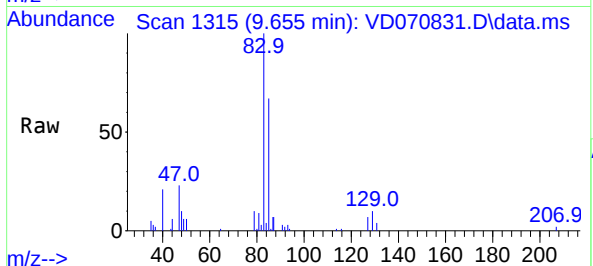
Tgt Ion: 93 Resp: 13670
Ion Ratio Lower Upper
93 100
95 82.1 66.1 99.1
174 84.4 78.6 117.8





#47
Bromodichloromethane
Concen: 5.555 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

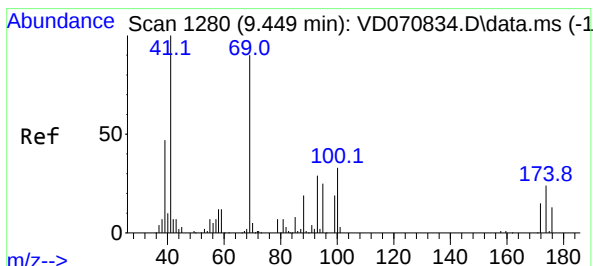
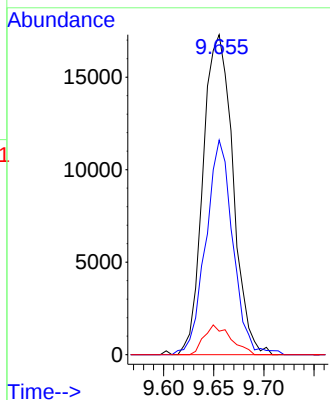
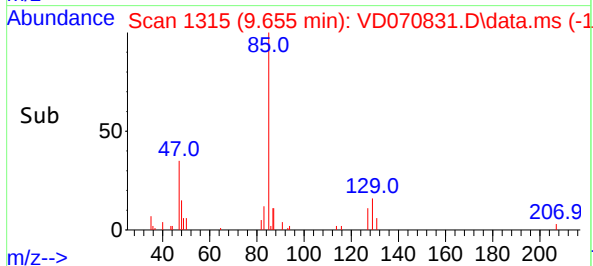
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



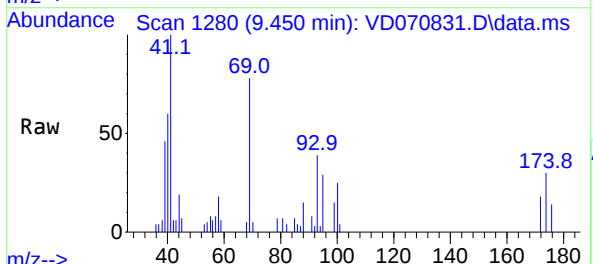
Tgt Ion: 83 Resp: 35774
Ion Ratio Lower Upper
83 100
85 65.9 50.0 75.0
127 7.3 7.3 10.9

Manual Integrations
APPROVED

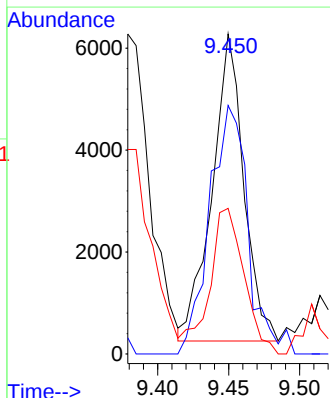
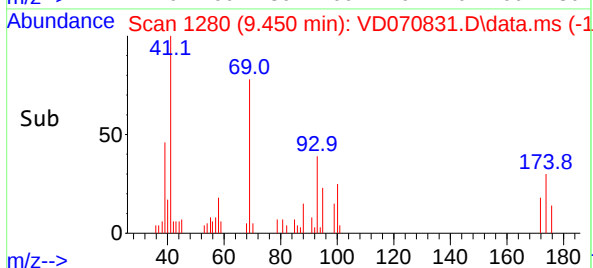
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

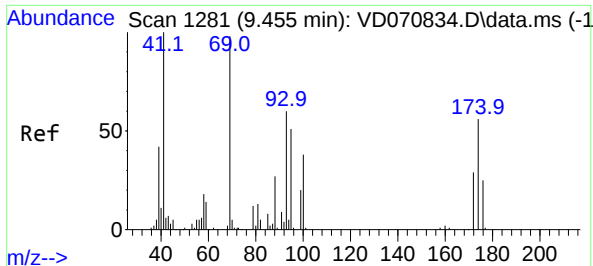


#48
Methyl methacrylate
Concen: 4.296 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



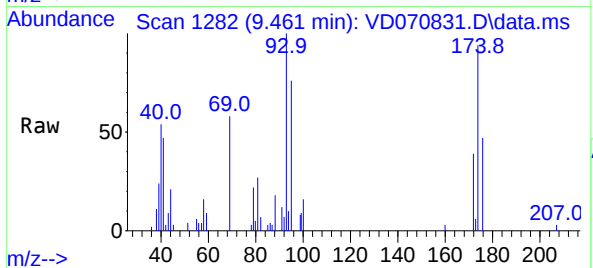
Tgt Ion: 41 Resp: 9353
Ion Ratio Lower Upper
41 100
69 98.3 69.8 104.6
39 50.0 35.6 53.4





#49
1,4-Dioxane
Concen: 99.663 ug/l m
RT: 9.461 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

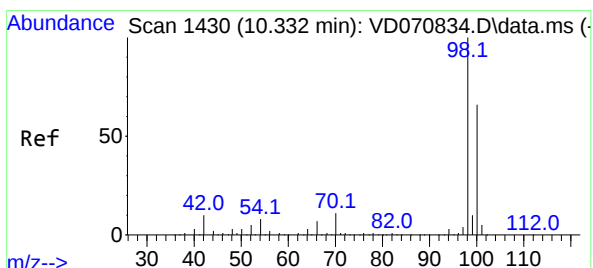
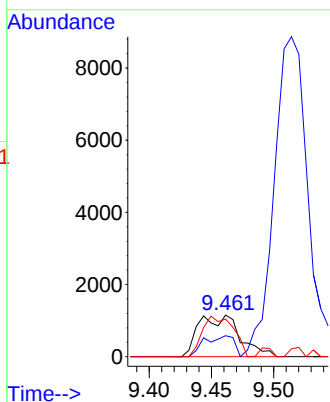
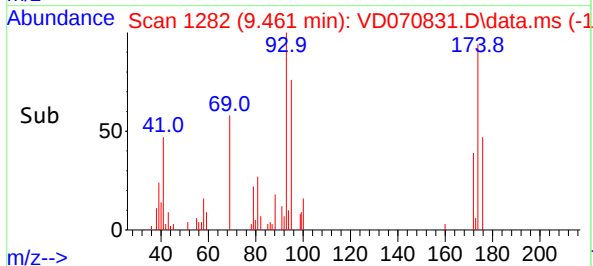
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



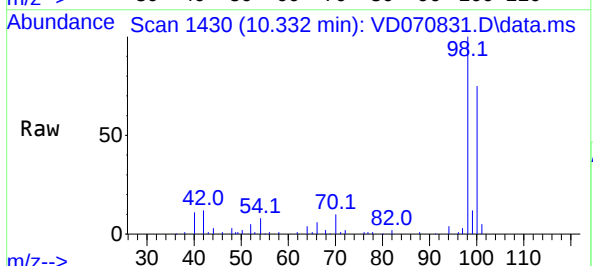
Tgt Ion: 88 Resp: 2650
Ion Ratio Lower Upper
88 100
43 36.0 28.9 43.3
58 74.0 56.3 84.5

Manual Integrations
APPROVED

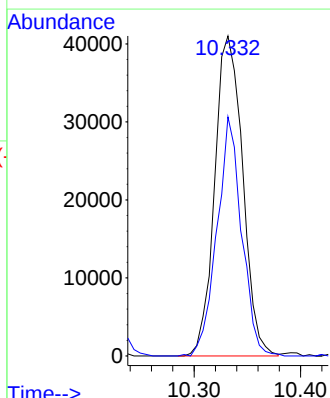
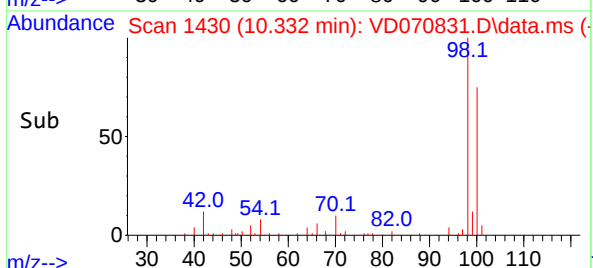
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

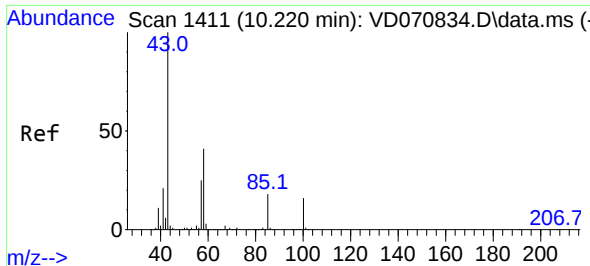


#50
Toluene-d8
Concen: 4.787 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



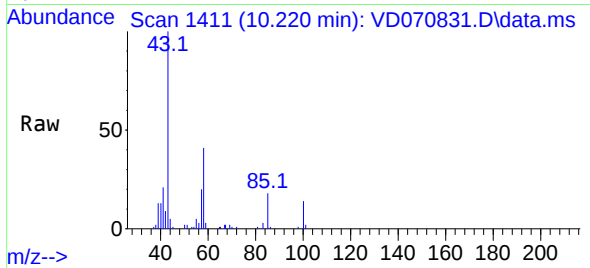
Tgt Ion: 98 Resp: 74825
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 22.330 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

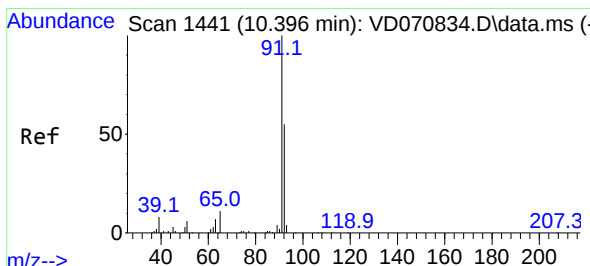
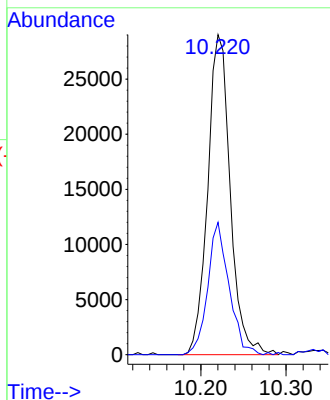
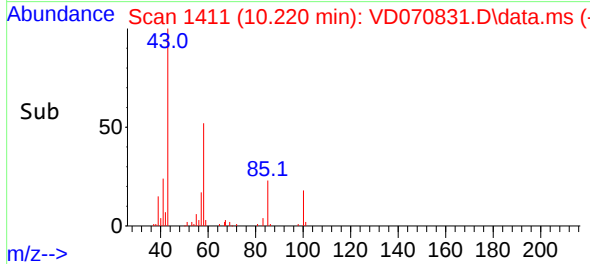
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



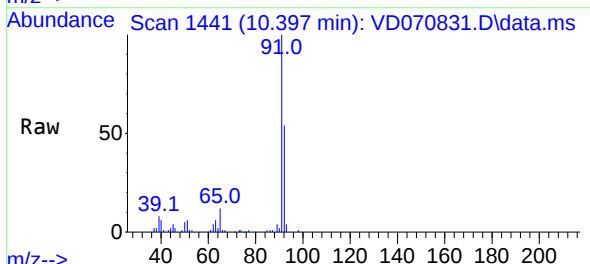
Tgt Ion: 43 Resp: 53352
Ion Ratio Lower Upper
43 100
58 39.2 33.1 49.7

Manual Integrations
APPROVED

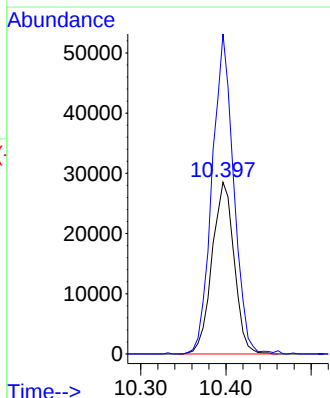
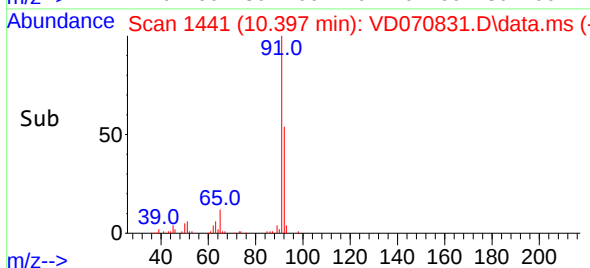
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

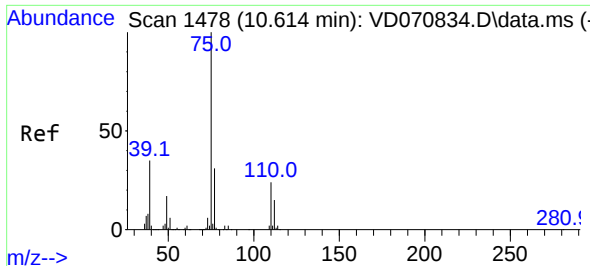


#52
Toluene
Concen: 4.468 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



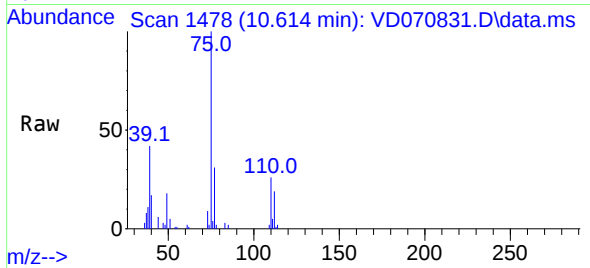
Tgt Ion: 92 Resp: 51468
Ion Ratio Lower Upper
92 100
91 182.1 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 4.660 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

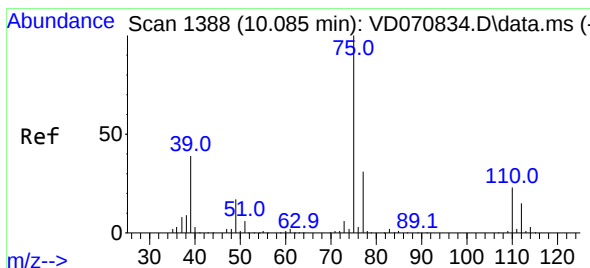
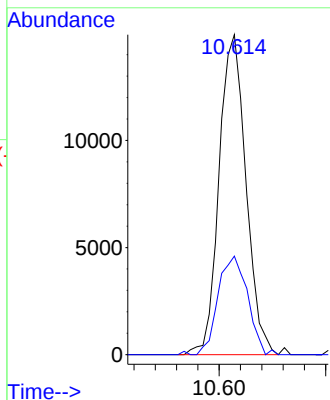
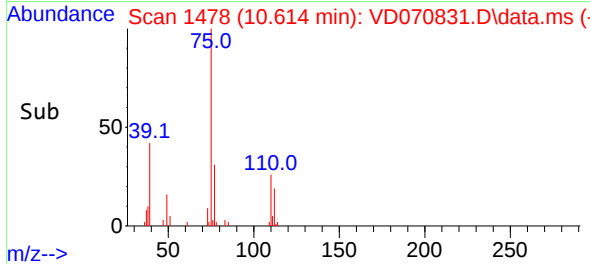
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



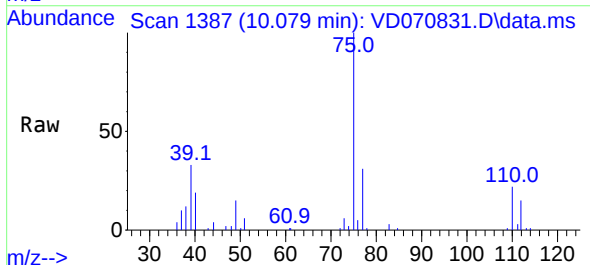
Tgt Ion: 75 Resp: 26159
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

Manual Integrations
APPROVED

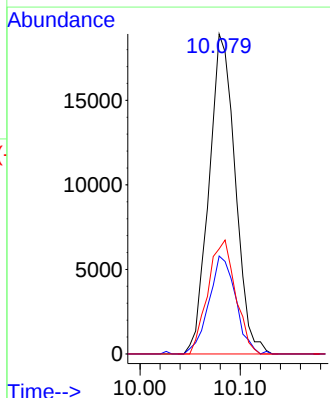
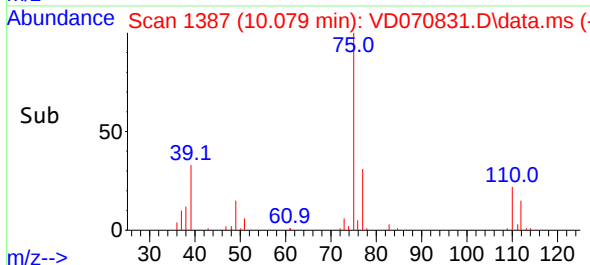
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

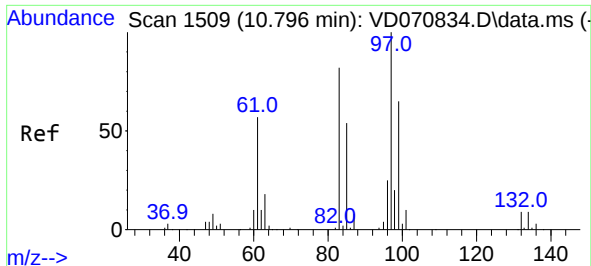


#54
cis-1,3-Dichloropropene
Concen: 4.962 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



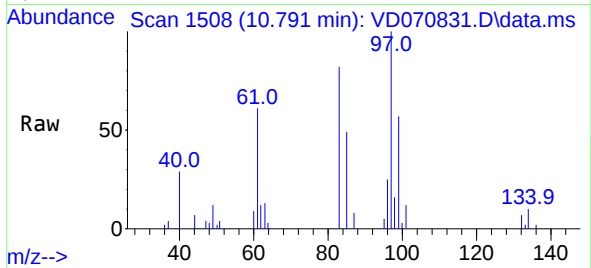
Tgt Ion: 75 Resp: 34385
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 32.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 5.368 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

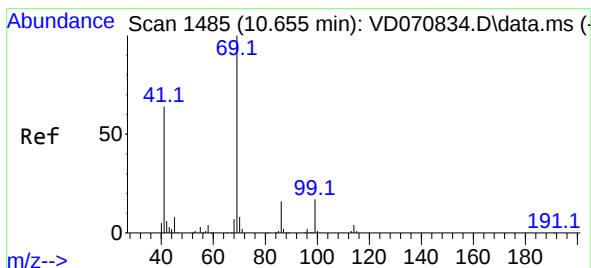
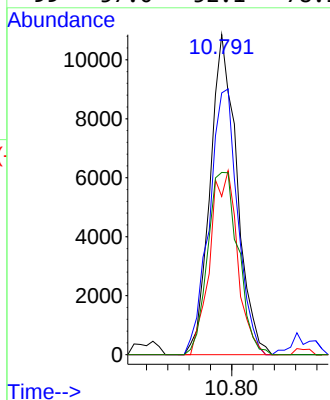
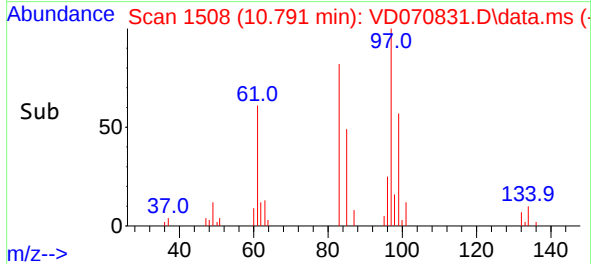
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



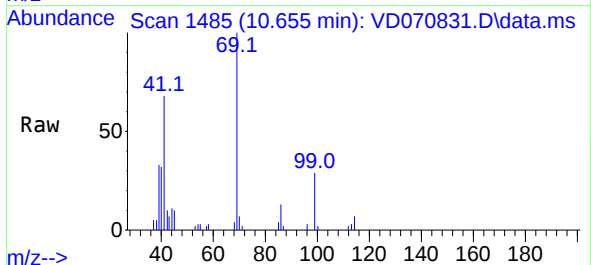
Tgt Ion: 97	Resp: 1896
Ion Ratio	Lower Upper
97 100	
83 81.8	65.2 97.8
85 49.4	43.4 65.0
99 57.0	52.1 78.1

Manual Integrations
APPROVED

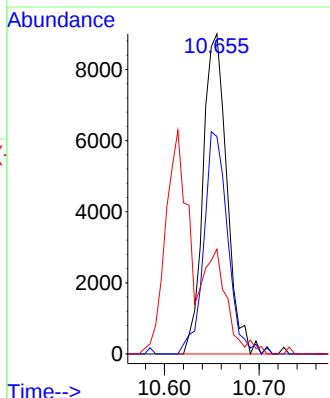
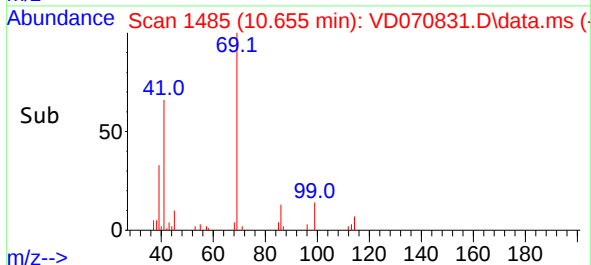
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

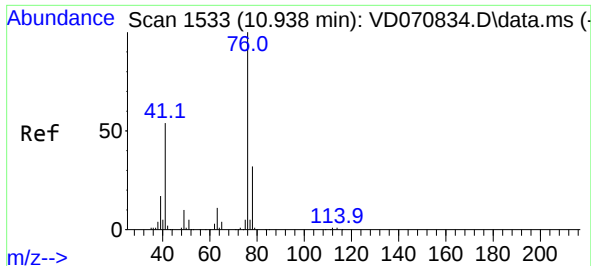


#56
Ethyl methacrylate
Concen: 4.059 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion: 69	Resp: 15752
Ion Ratio	Lower Upper
69 100	
41 69.5	50.2 75.2
39 29.6	19.8 29.8





#57

1,3-Dichloropropane

Concen: 4.905 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD070831.D

Acq: 26 Oct 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2920

Ion Ratio Lower Upper

76 100

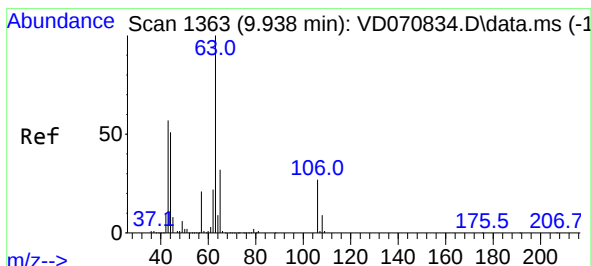
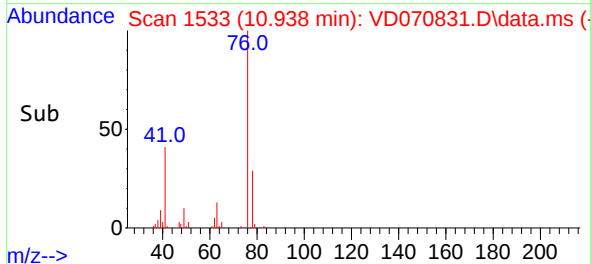
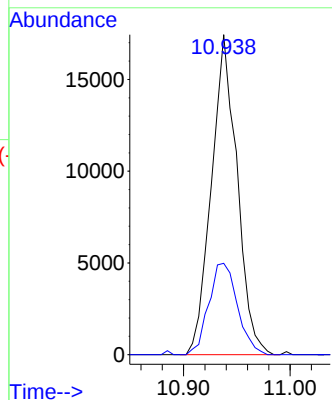
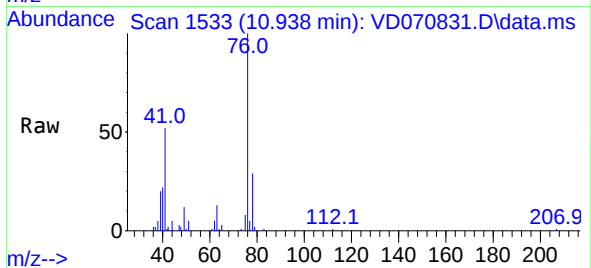
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#58

2-Chloroethyl Vinyl ether

Concen: 23.742 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD070831.D

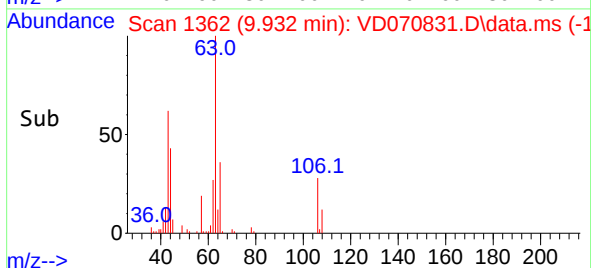
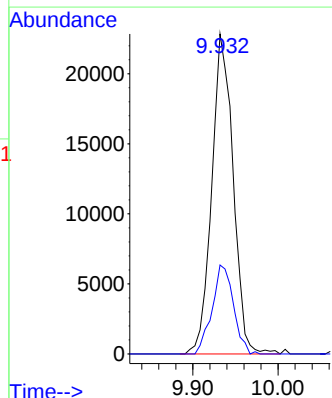
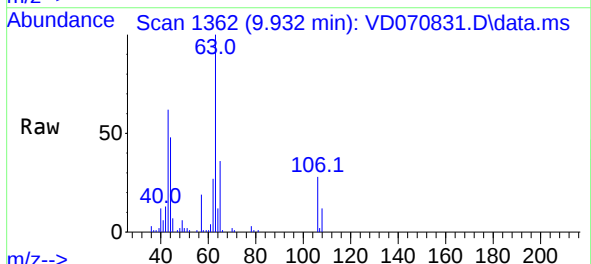
Acq: 26 Oct 2021 10:02

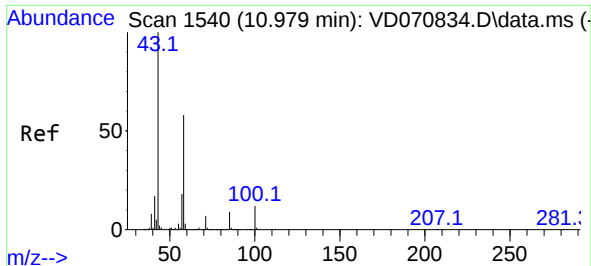
Tgt Ion: 63 Resp: 39881

Ion Ratio Lower Upper

63 100

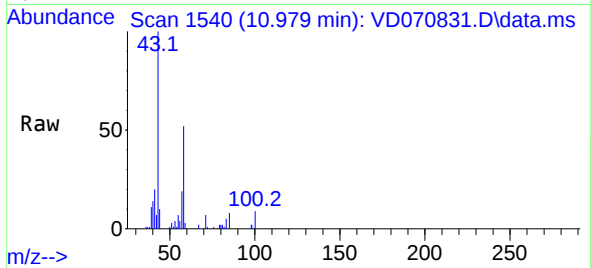
106 27.7 21.0 31.4





#59
2-Hexanone
Concen: 21.012 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

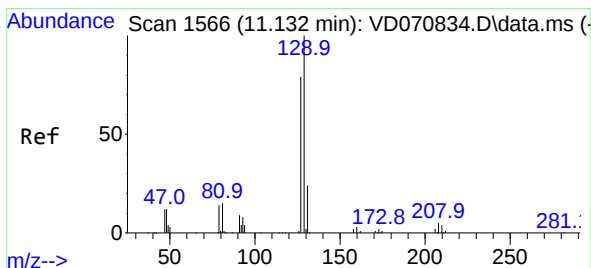
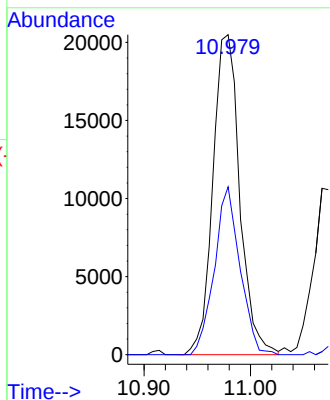
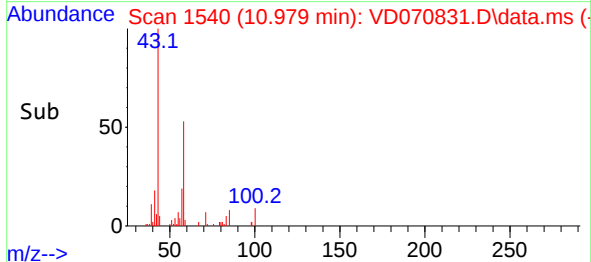
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



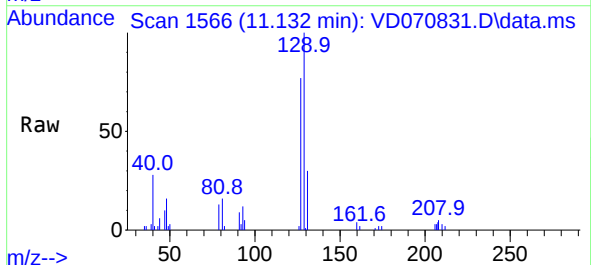
Tgt Ion: 43 Resp: 35838
Ion Ratio Lower Upper
43 100
58 50.0 28.7 86.1

Manual Integrations
APPROVED

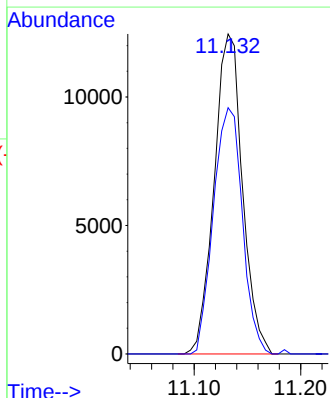
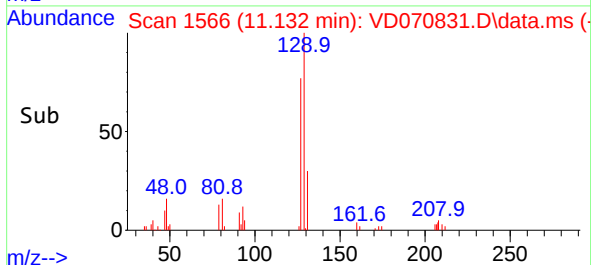
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

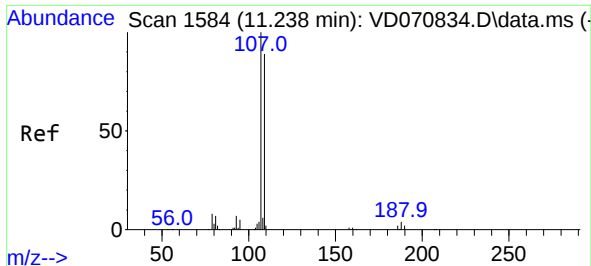


#60
Dibromochloromethane
Concen: 5.421 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



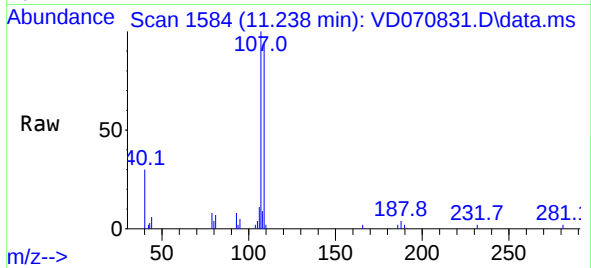
Tgt Ion:129 Resp: 22982
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 5.246 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

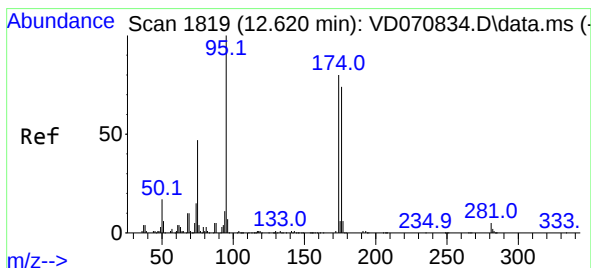
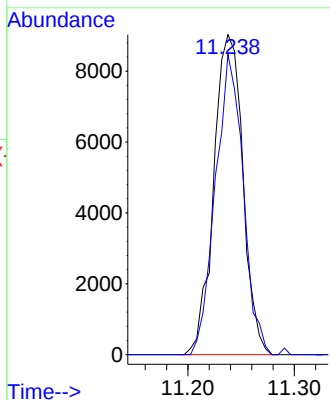
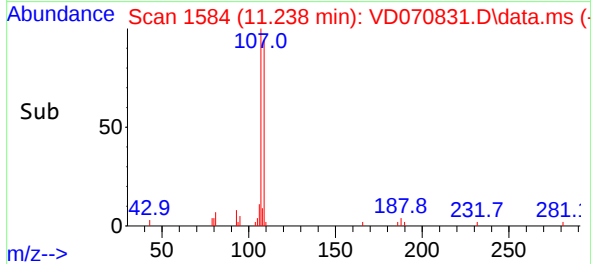
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



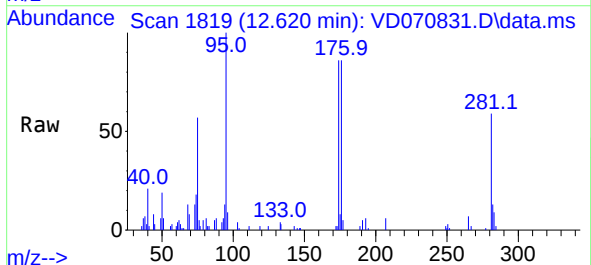
Tgt Ion:107 Resp: 17109
Ion Ratio Lower Upper
107 100
109 89.5 74.6 112.0

Manual Integrations
APPROVED

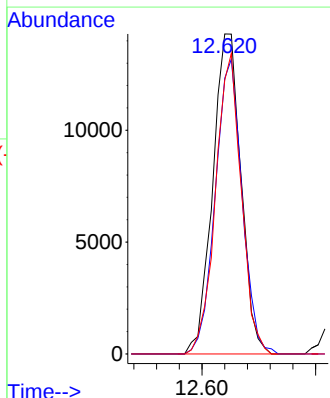
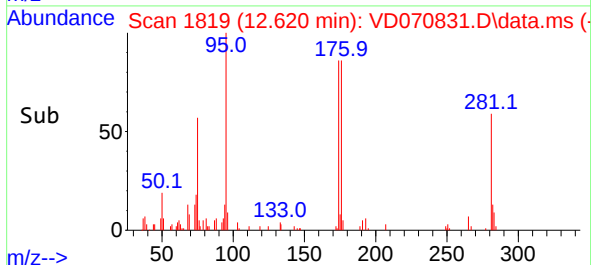
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

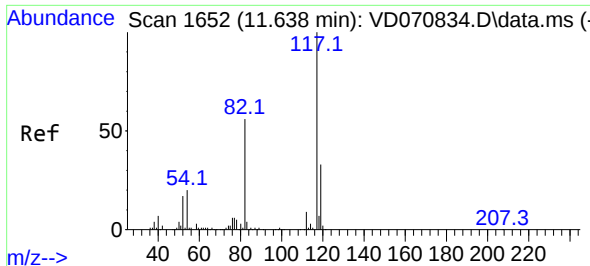


#62
4-Bromofluorobenzene
Concen: 4.783 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



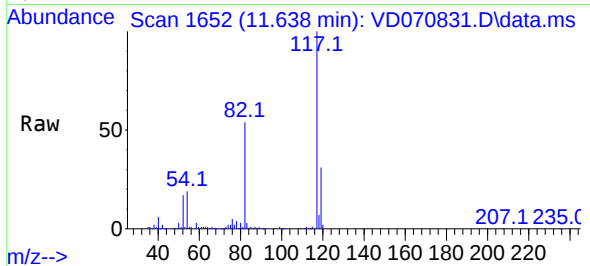
Tgt Ion: 95 Resp: 24666
Ion Ratio Lower Upper
95 100
174 87.4 0.0 159.4
176 85.5 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

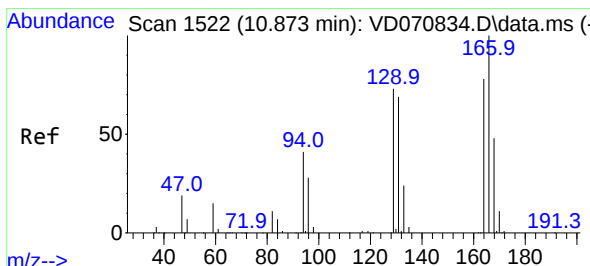
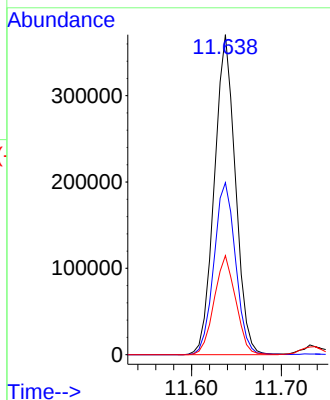
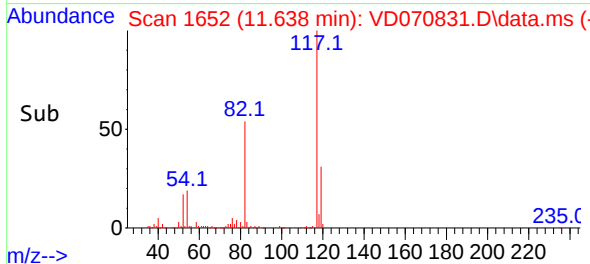
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



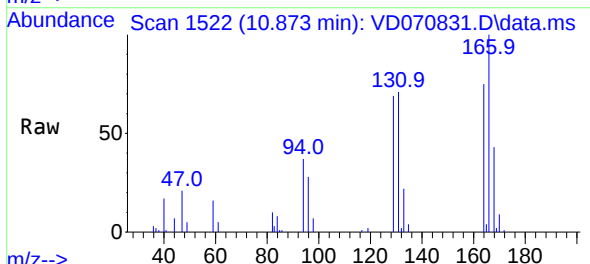
Tgt Ion:117 Resp: 603609
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 30.9 26.2 39.4

Manual Integrations
APPROVED

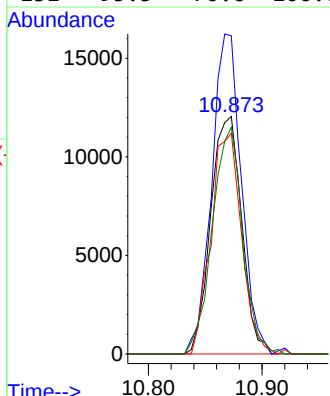
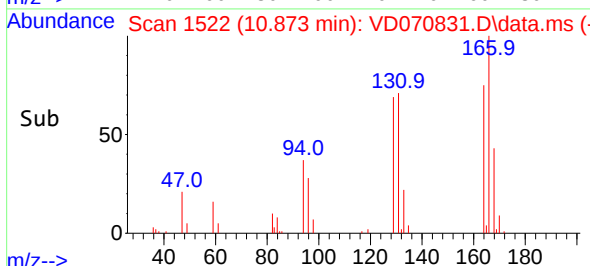
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

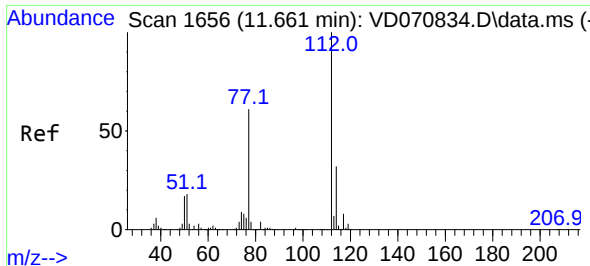


#64
Tetrachloroethene
Concen: 5.495 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



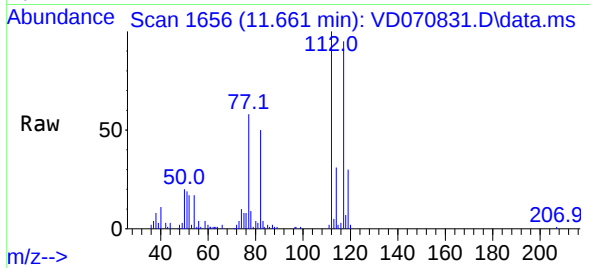
Tgt Ion:164 Resp: 22758
Ion Ratio Lower Upper
164 100
166 134.0 102.6 153.8
129 92.9 75.4 113.0
131 95.5 70.6 106.0





#65
Chlorobenzene
Concen: 5.107 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

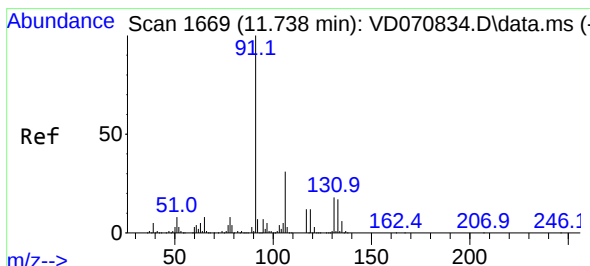
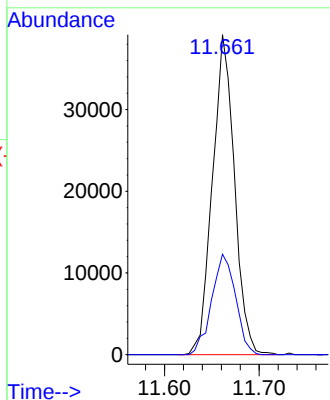
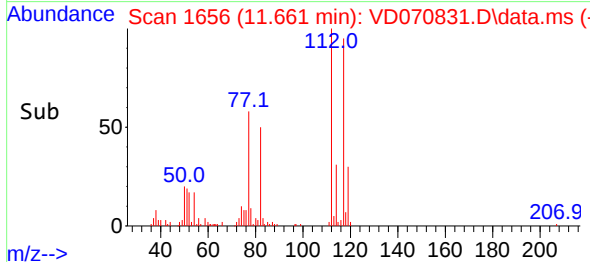
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



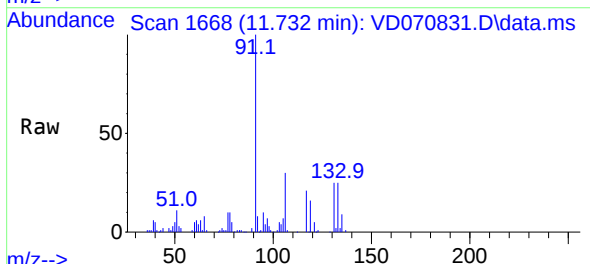
Tgt Ion:112 Resp: 6324
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

Manual Integrations
APPROVED

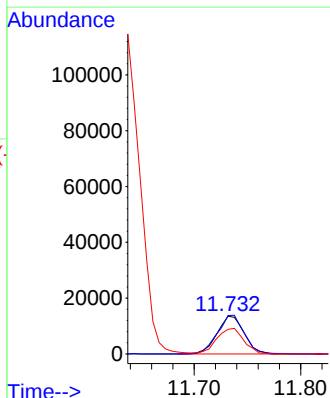
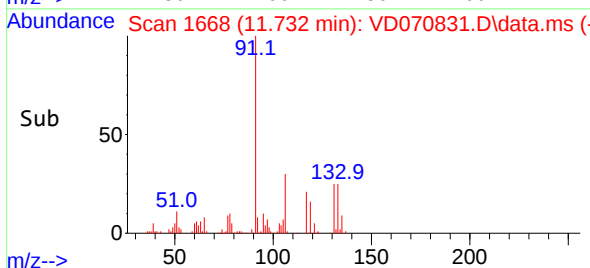
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

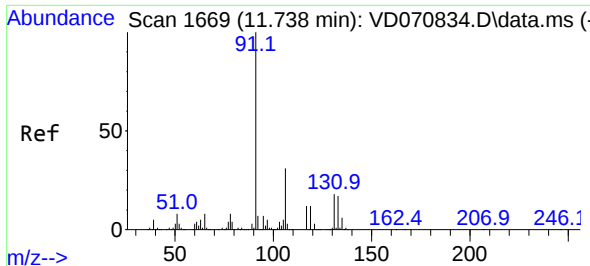


#66
1,1,1,2-Tetrachloroethane
Concen: 5.196 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



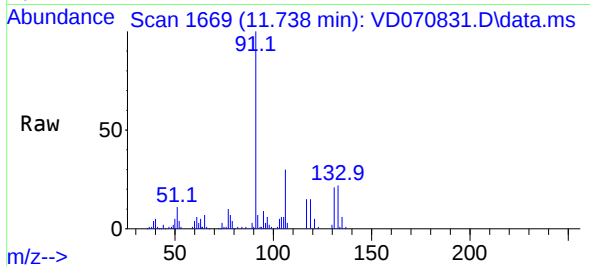
Tgt Ion:131 Resp: 23869
Ion Ratio Lower Upper
131 100
133 101.2 48.0 144.0
119 67.5 33.5 100.4





#67
Ethyl Benzene
Concen: 4.589 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

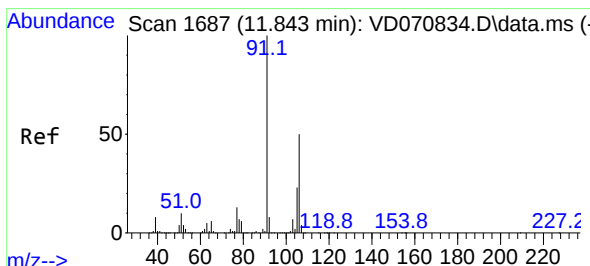
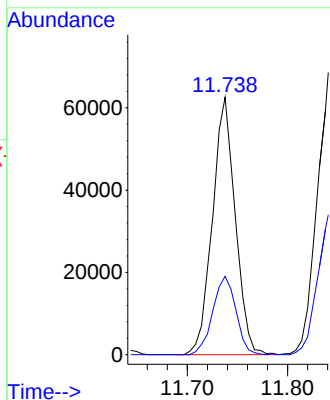
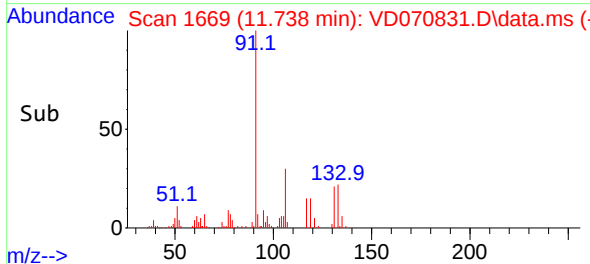
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



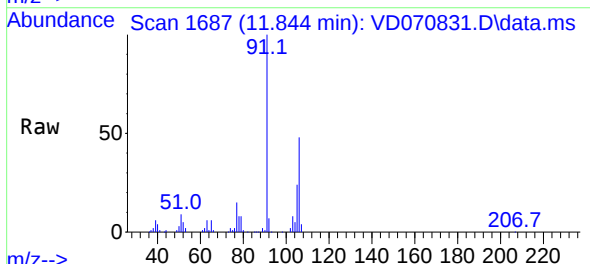
Tgt Ion: 91 Resp: 98964
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

Manual Integrations
APPROVED

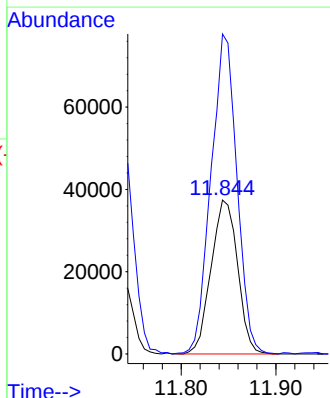
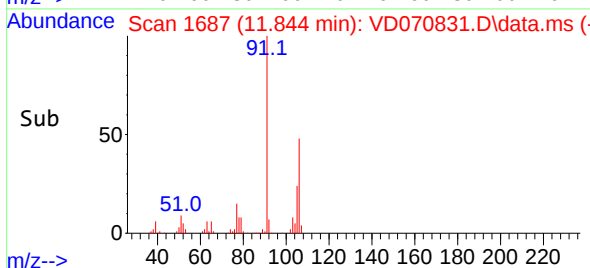
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

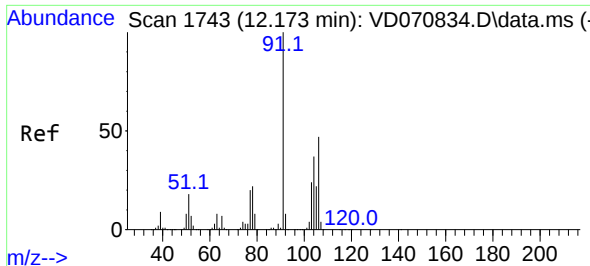


#68
m/p-Xylenes
Concen: 8.660 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion:106 Resp: 72720
Ion Ratio Lower Upper
106 100
91 203.5 160.1 240.1





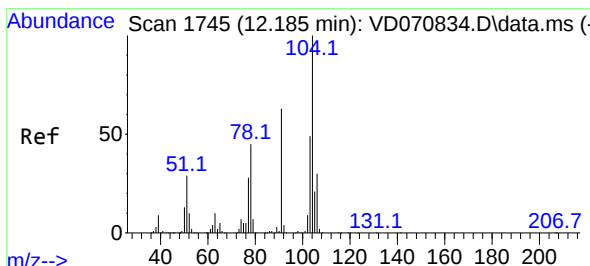
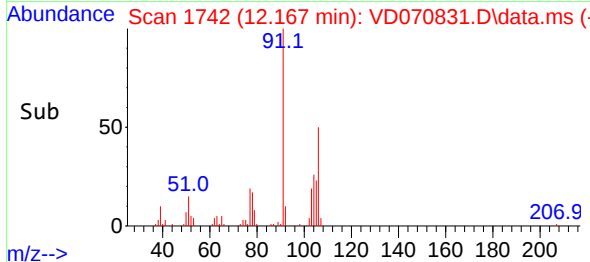
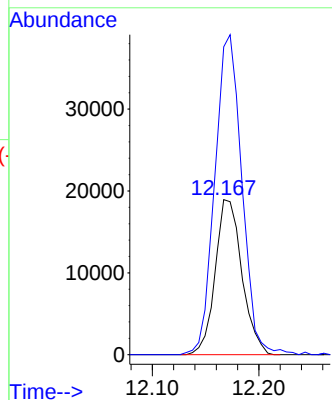
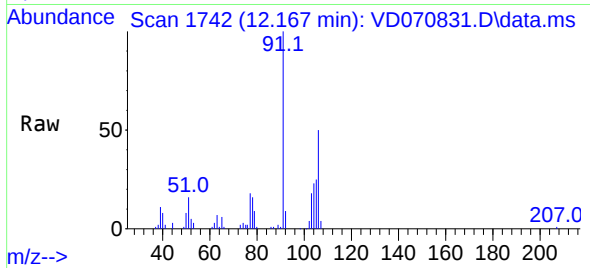
#69
o-Xylene
Concen: 4.332 ug/l
RT: 12.167 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3294
Ion Ratio Lower Upper
106 100
91 209.5 106.3 319.0

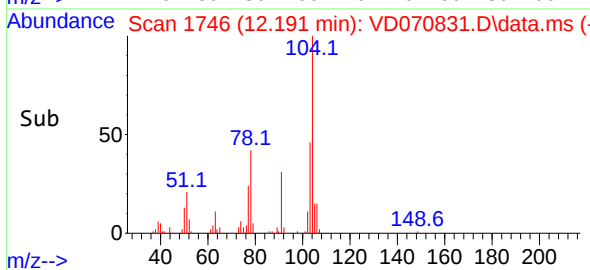
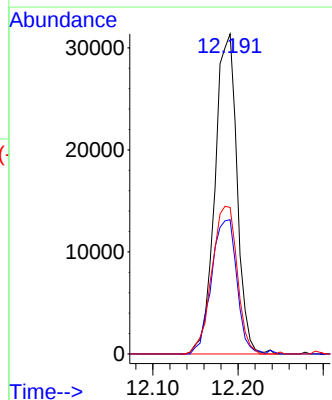
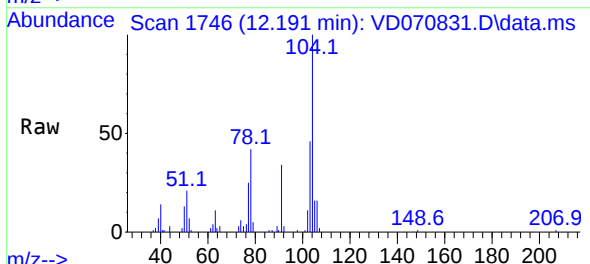
Manual Integrations
APPROVED

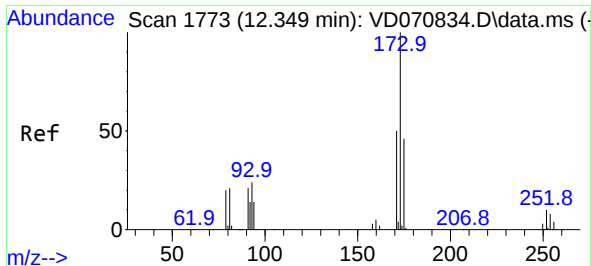
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#70
Styrene
Concen: 4.288 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

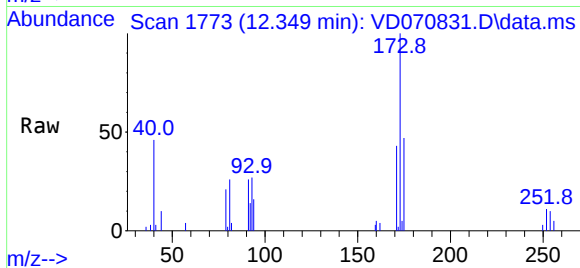
Tgt Ion:104 Resp: 56480
Ion Ratio Lower Upper
104 100
78 48.0 39.4 59.0
103 52.8 43.4 65.0





#71
Bromoform
Concen: 4.937 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

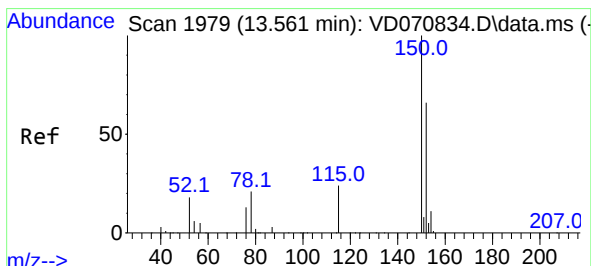
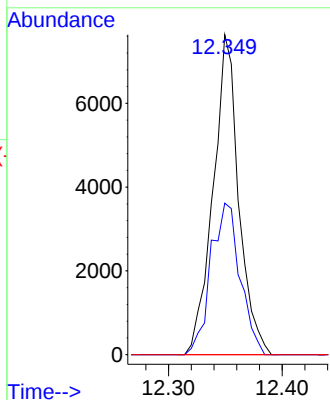
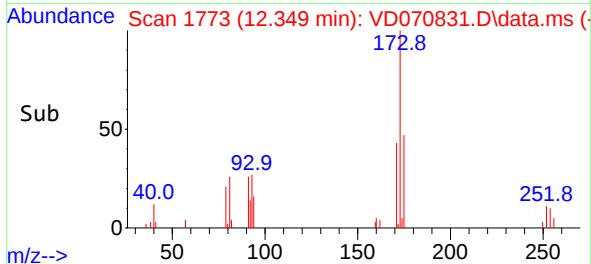
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



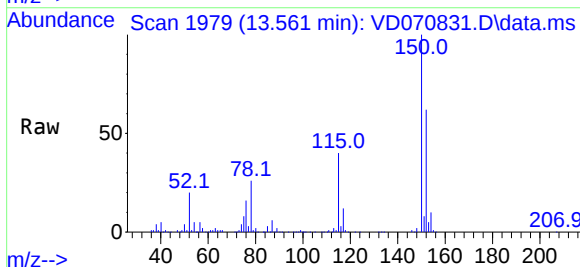
Tgt Ion:173 Resp: 11985
Ion Ratio Lower Upper
173 100
175 54.0 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

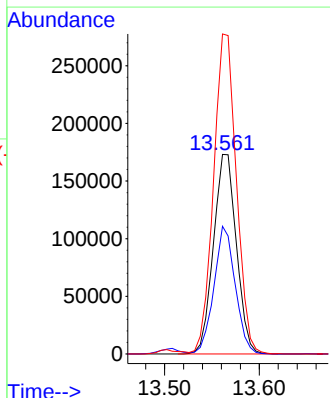
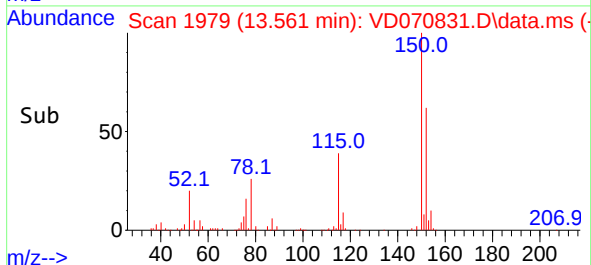
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

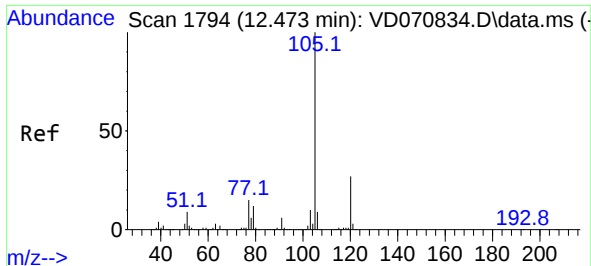


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



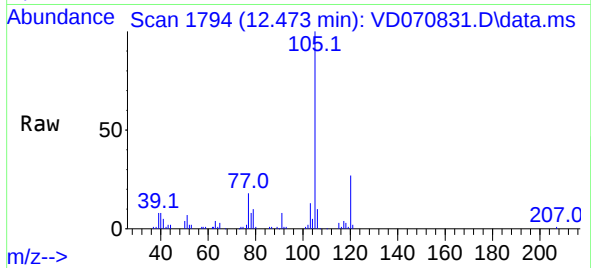
Tgt Ion:152 Resp: 291385
Ion Ratio Lower Upper
152 100
115 59.5 29.8 89.3
150 159.6 0.0 349.2





#73
Isopropylbenzene
Concen: 4.116 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

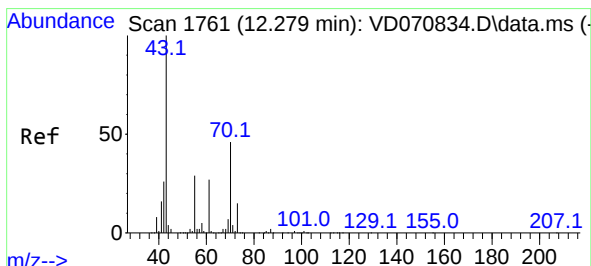
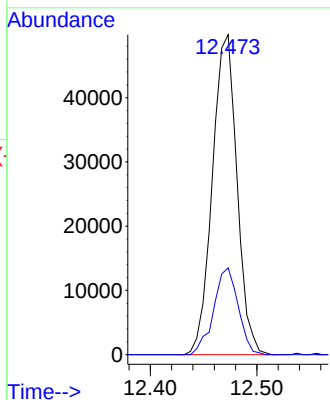
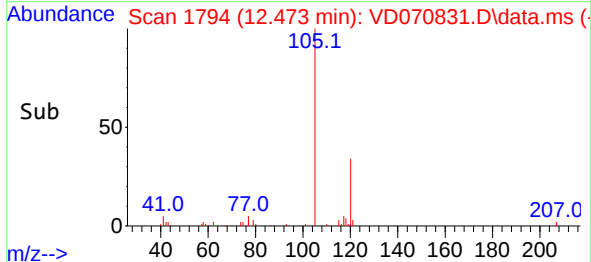
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



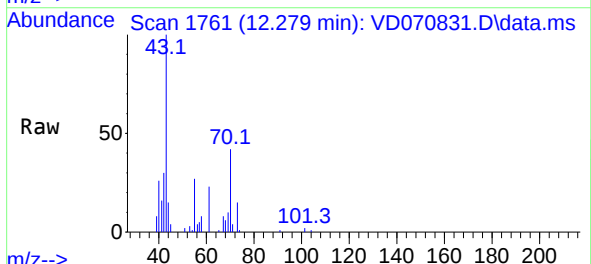
Tgt Ion:105 Resp: 79989
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5

Manual Integrations
APPROVED

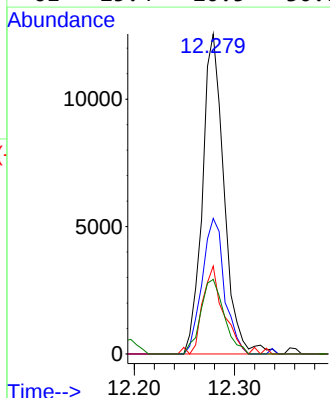
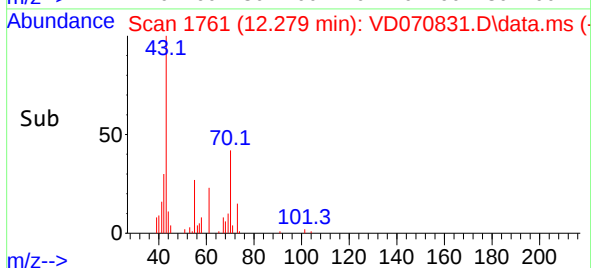
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

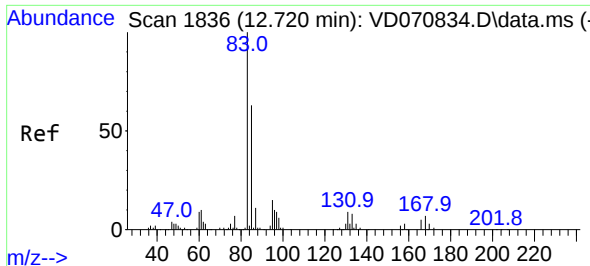


#74
N-ethyl acetate
Concen: 4.412 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



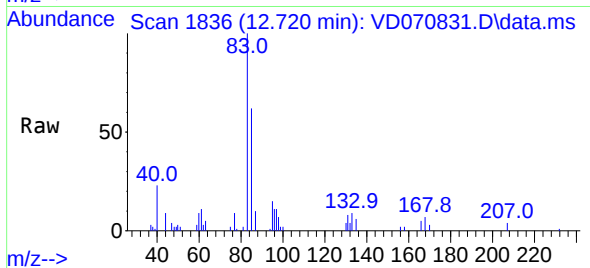
Tgt Ion: 43 Resp: 18860
Ion Ratio Lower Upper
43 100
70 43.7 36.6 55.0
55 26.5 22.5 33.7
61 25.4 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.496 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

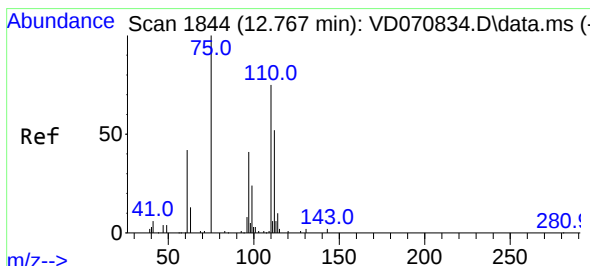
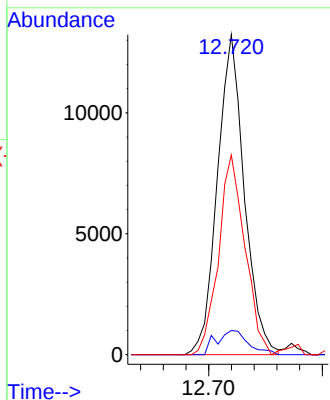
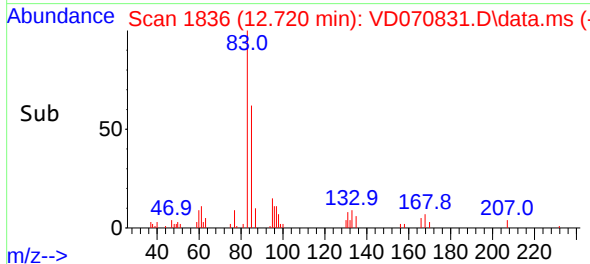
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



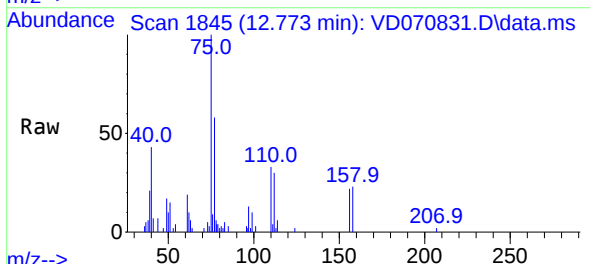
Tgt Ion: 83 Resp: 2179
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.7
85 61.3 32.0 96.2

Manual Integrations
APPROVED

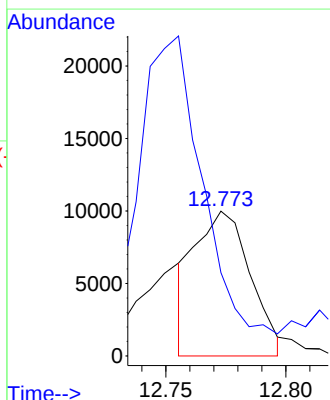
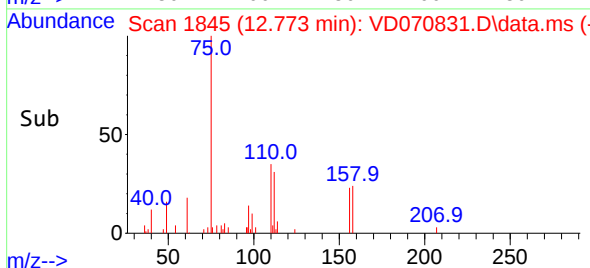
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

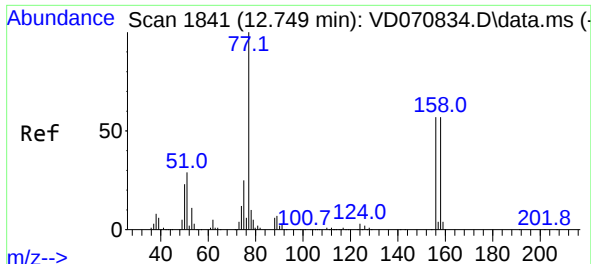


#76
1,2,3-Trichloropropane
Concen: 5.595 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



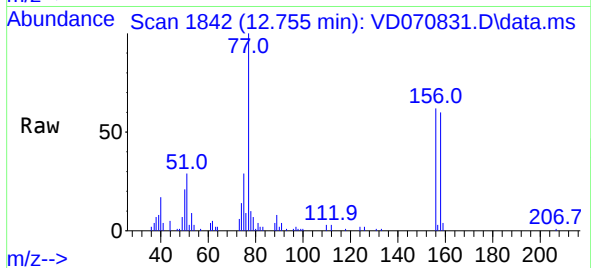
Tgt Ion: 75 Resp: 16050
Ion Ratio Lower Upper
75 100
77 272.7 158.4 475.3





#77
Bromobenzene
Concen: 5.053 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

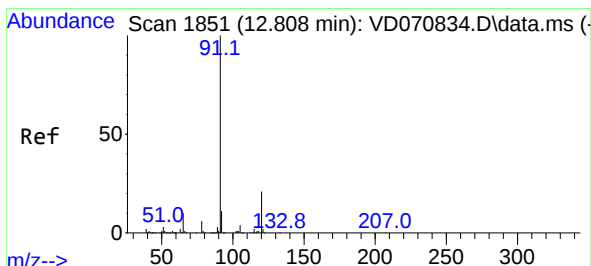
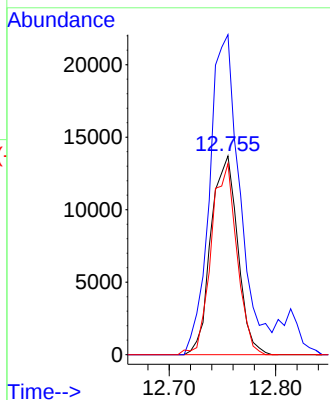
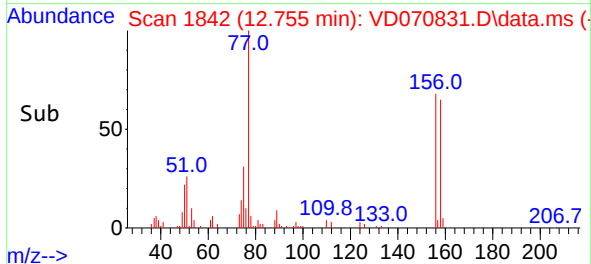
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



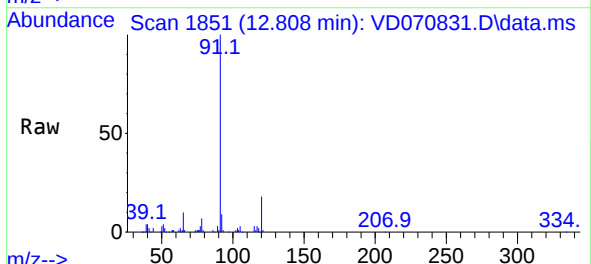
Tgt Ion:156 Resp: 2392
Ion Ratio Lower Upper
156 100
77 182.9 96.6 289.8
158 91.9 49.1 147.4

Manual Integrations
APPROVED

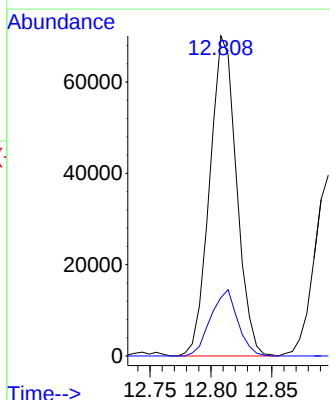
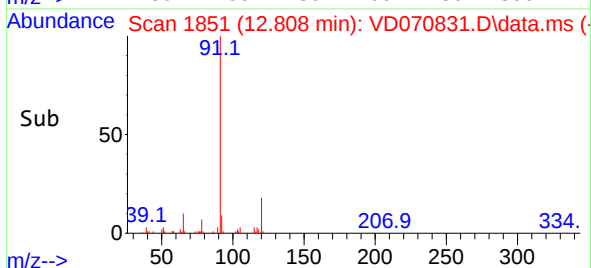
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

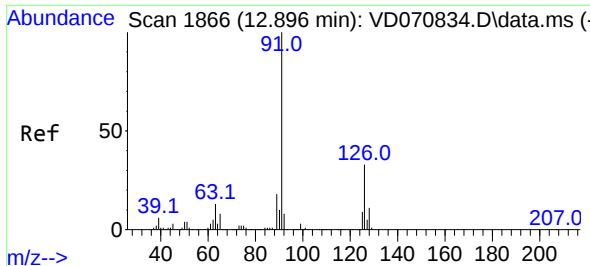


#78
n-propylbenzene
Concen: 4.307 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion: 91 Resp: 107445
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.9





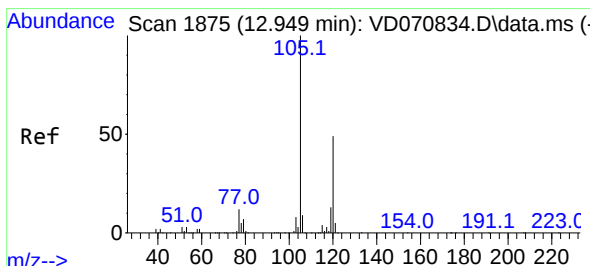
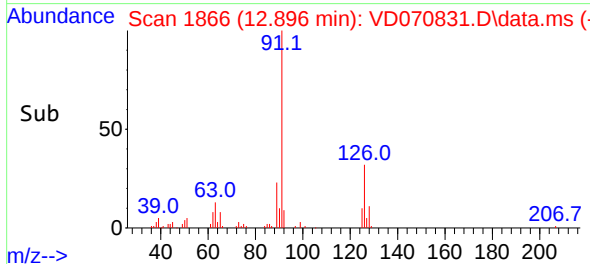
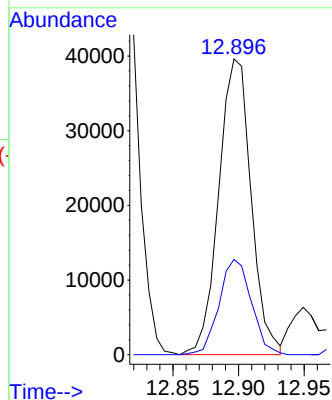
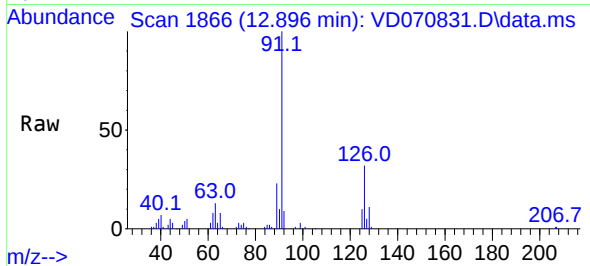
#79
2-Chlorotoluene
Concen: 4.695 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 68009
Ion Ratio Lower Upper
91 100
126 32.0 16.6 49.7

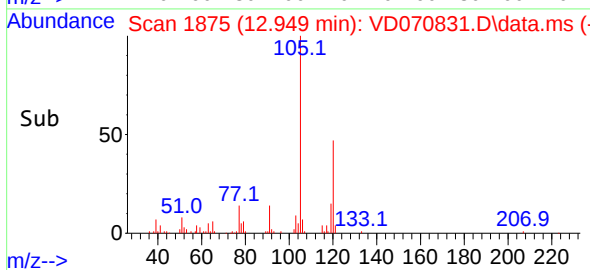
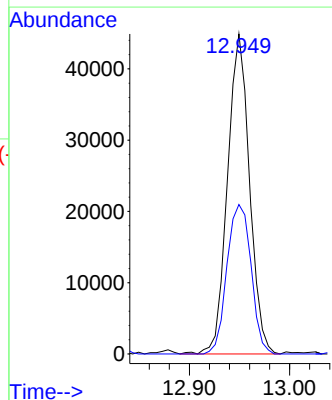
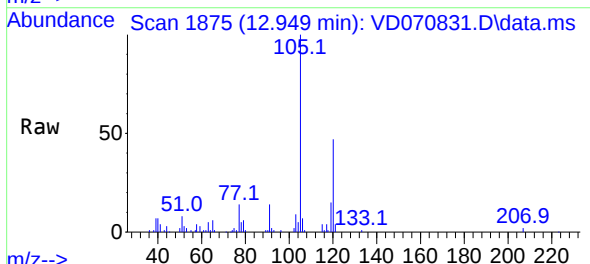
Manual Integrations
APPROVED

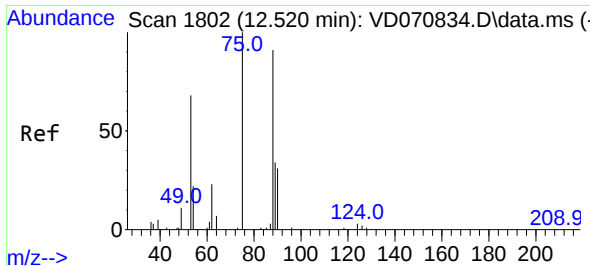
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#80
1,3,5-Trimethylbenzene
Concen: 4.147 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

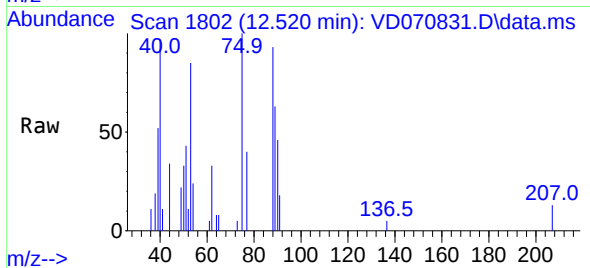
Tgt Ion:105 Resp: 68397
Ion Ratio Lower Upper
105 100
120 51.0 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.901 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

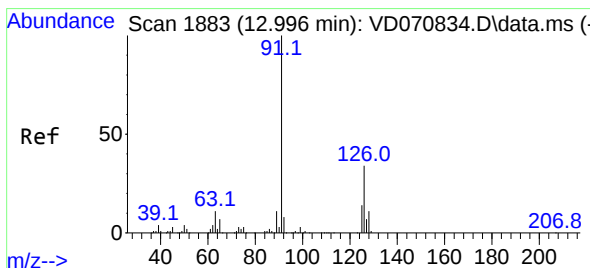
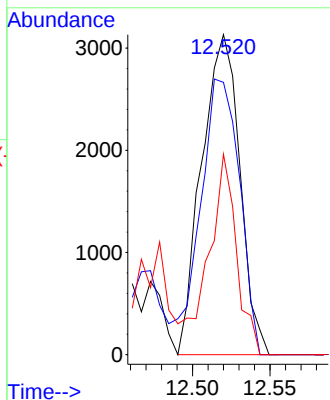
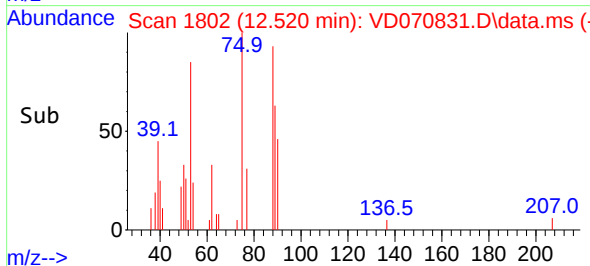
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



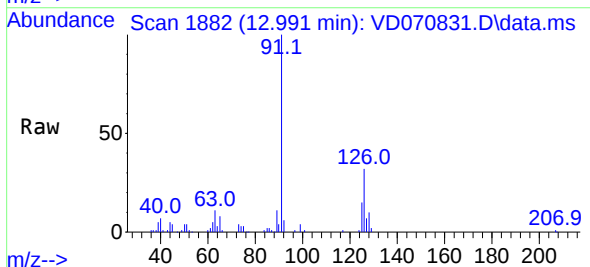
Tgt Ion: 75 Resp: 5350
Ion Ratio Lower Upper
75 100
53 89.1 62.6 94.0
89 45.9 34.5 51.7

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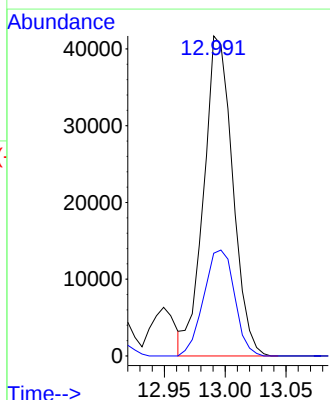
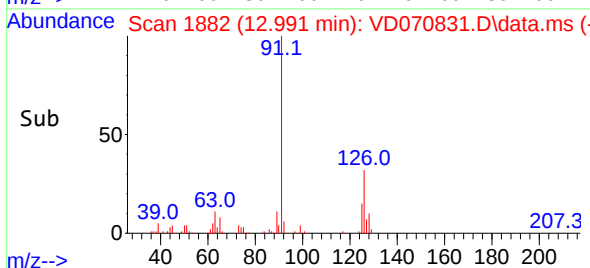
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

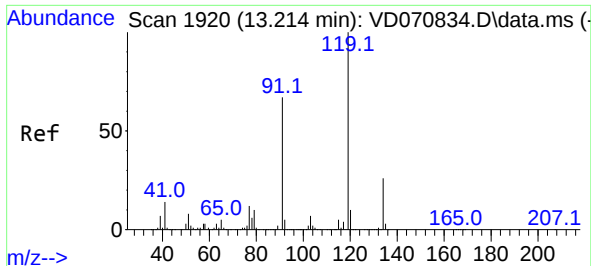


#82
4-Chlorotoluene
Concen: 4.584 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



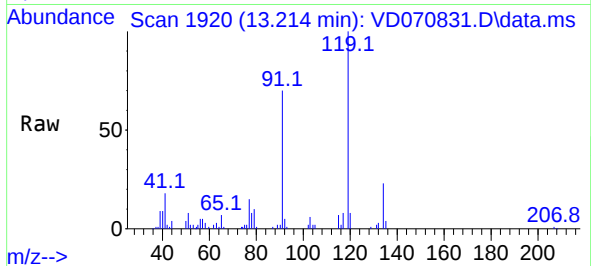
Tgt Ion: 91 Resp: 69010
Ion Ratio Lower Upper
91 100
126 35.2 16.4 49.1





#83
tert-Butylbenzene
Concen: 4.296 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

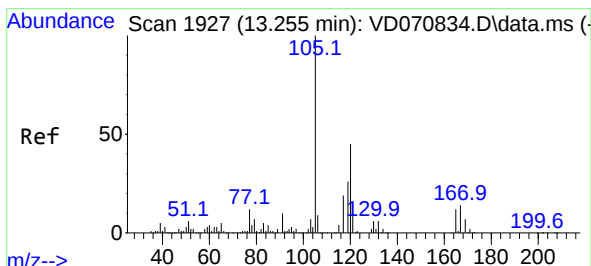
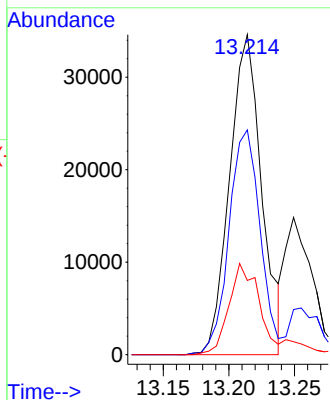
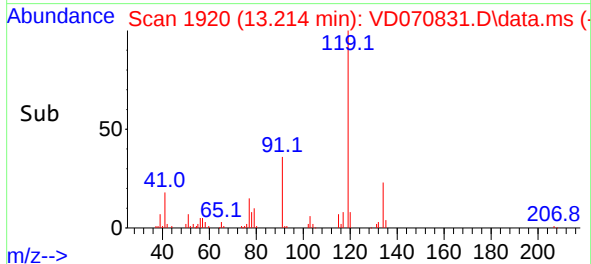
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



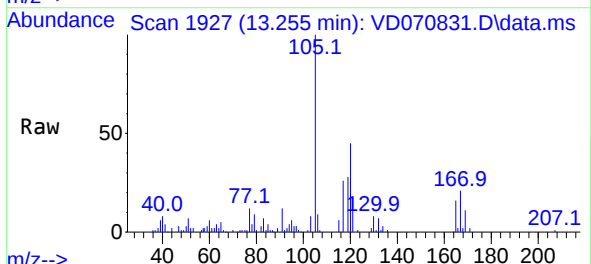
Tgt Ion:119 Resp: 59084
Ion Ratio Lower Upper
119 100
91 68.0 32.5 97.5
134 26.6 13.2 39.6

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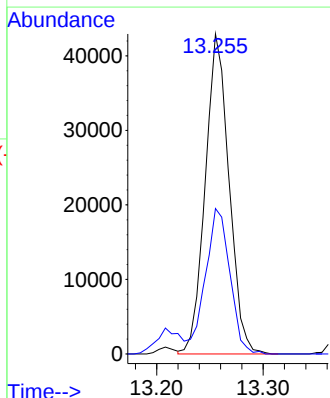
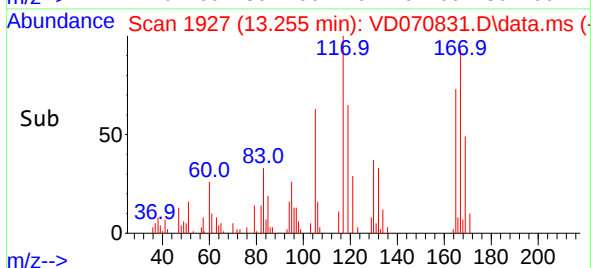
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

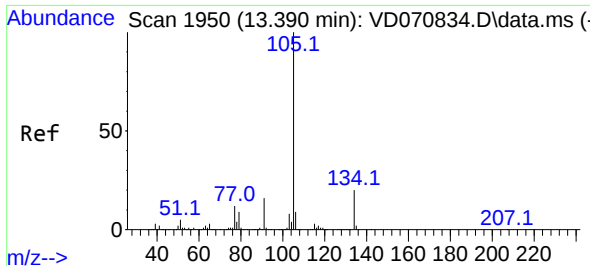


#84
1,2,4-Trimethylbenzene
Concen: 4.096 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



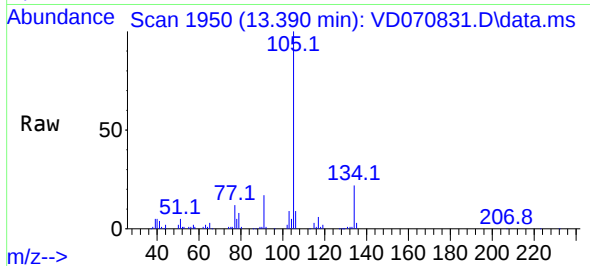
Tgt Ion:105 Resp: 66612
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 4.458 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070831.D
 Acq: 26 Oct 2021 10:02

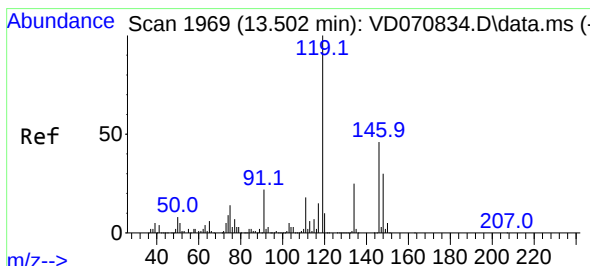
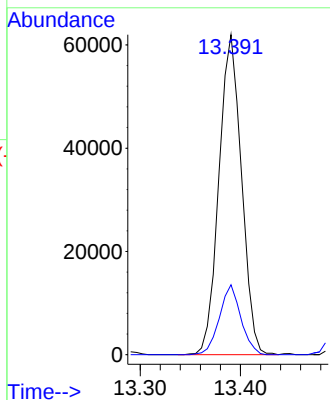
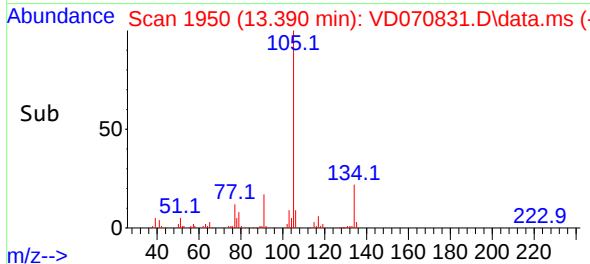
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



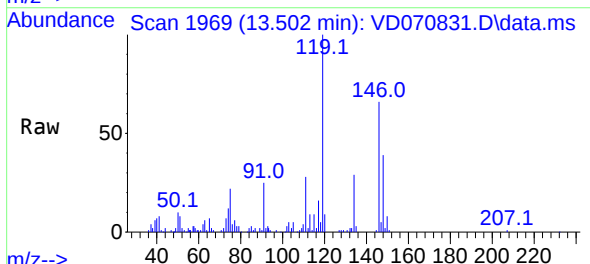
Tgt Ion:105 Resp: 9672
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.7 28.9

Manual Integrations
 APPROVED

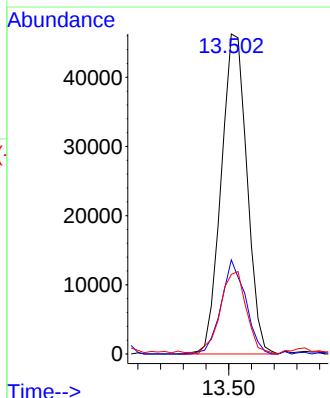
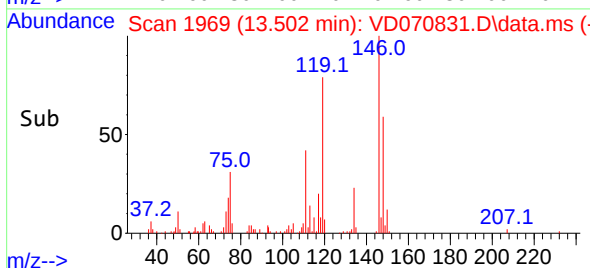
Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

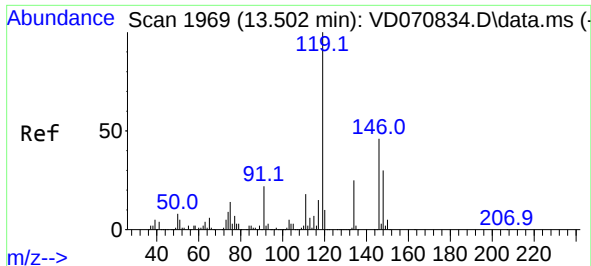


#86
 p-Isopropyltoluene
 Concen: 4.176 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070831.D
 Acq: 26 Oct 2021 10:02



Tgt Ion:119 Resp: 72891
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 38.9
 91 26.2 11.4 34.2





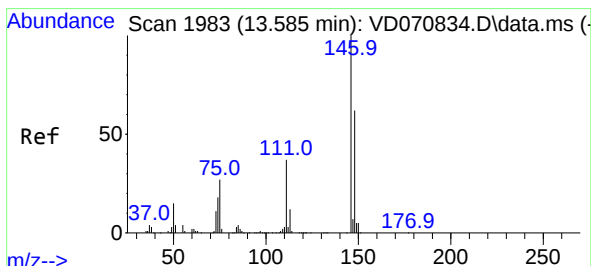
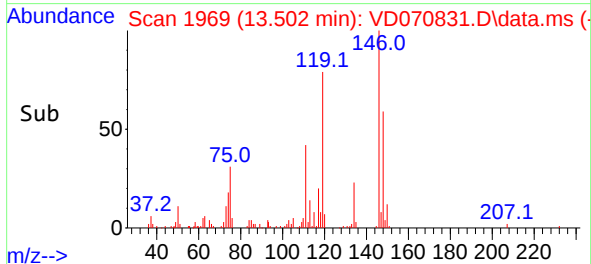
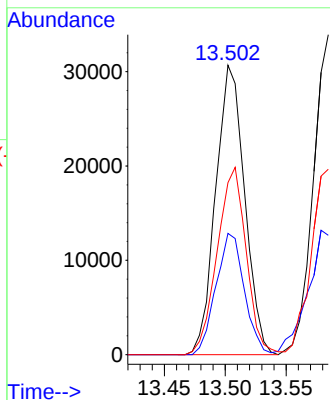
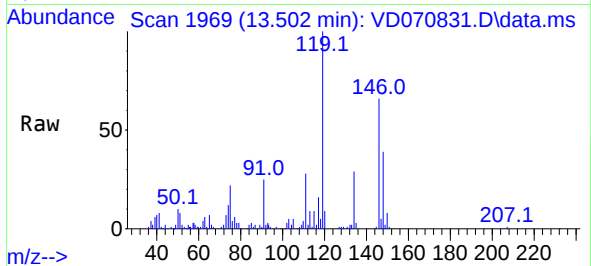
#87
1,3-Dichlorobenzene
Concen: 5.198 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5082
Ion Ratio Lower Upper
146 100
111 41.0 19.8 59.4
148 65.0 32.1 96.3

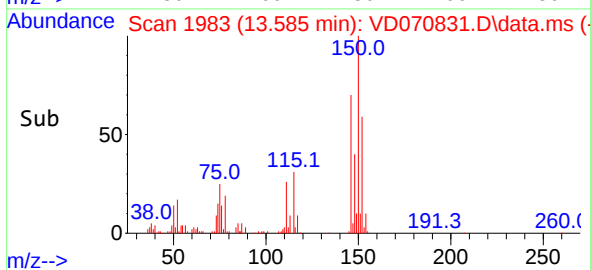
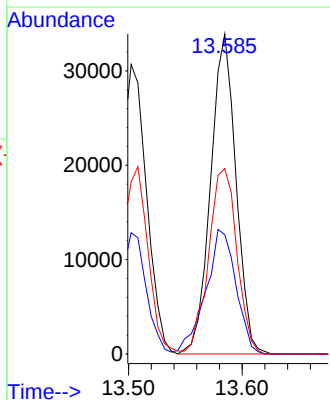
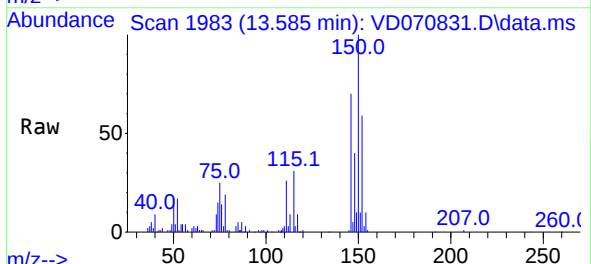
Manual Integrations
APPROVED

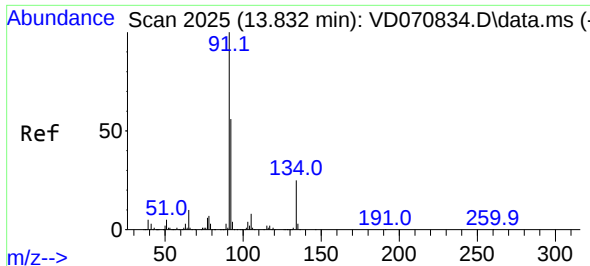
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#88
1,4-Dichlorobenzene
Concen: 5.426 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Tgt Ion:146 Resp: 52620
Ion Ratio Lower Upper
146 100
111 46.5 19.6 58.8
148 64.7 31.5 94.5





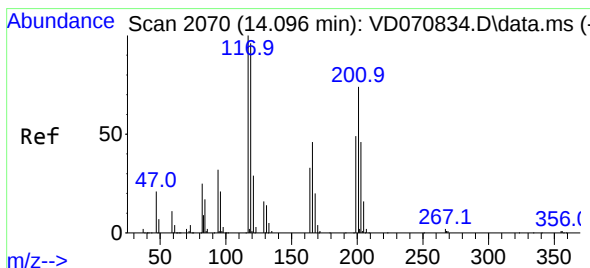
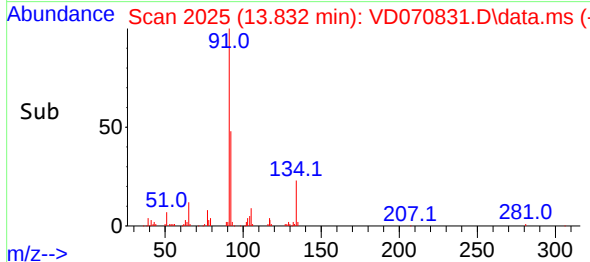
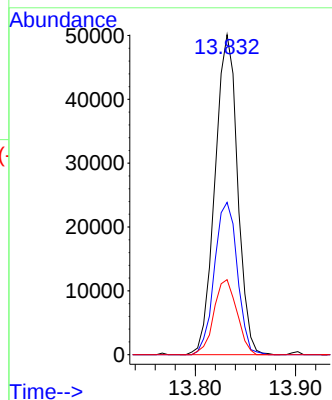
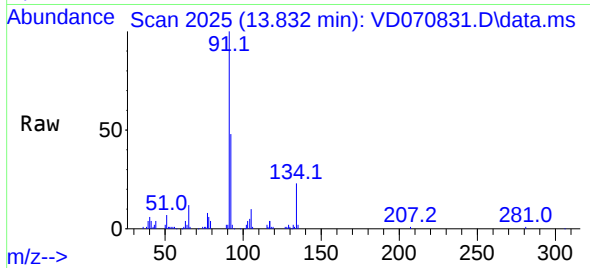
#89
n-Butylbenzene
Concen: 4.586 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 78425
Ion Ratio Lower Upper
91 100
92 48.2 27.3 81.9
134 23.9 12.3 36.9

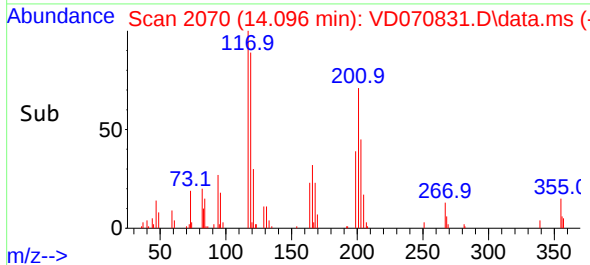
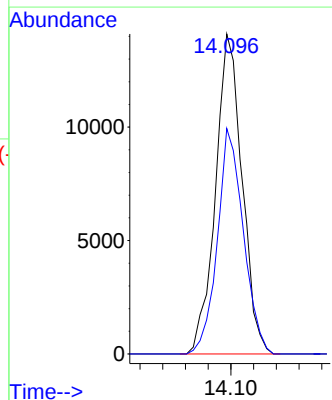
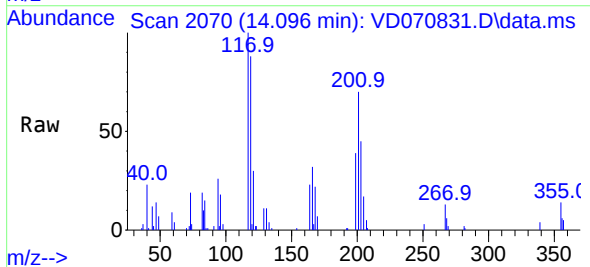
Manual Integrations
APPROVED

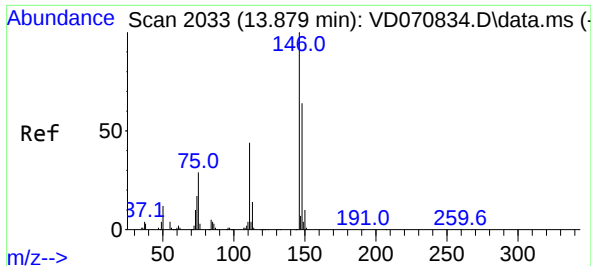
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#90
Hexachloroethane
Concen: 5.864 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Tgt Ion:117 Resp: 22967
Ion Ratio Lower Upper
117 100
201 68.8 36.0 108.1





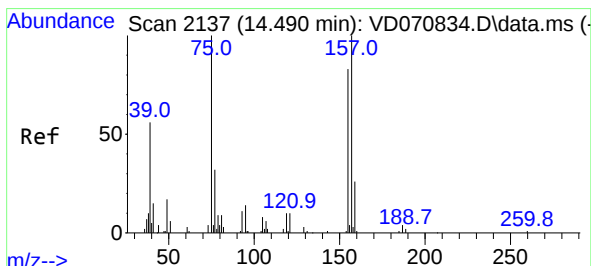
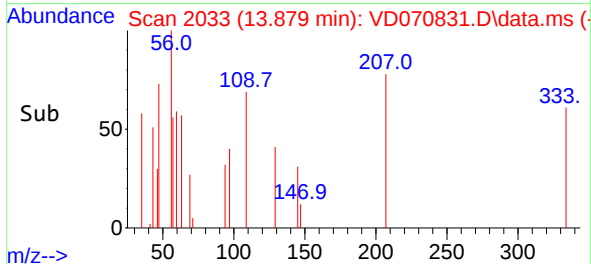
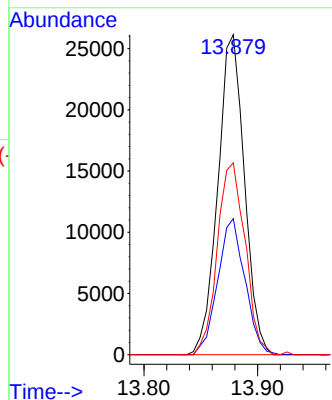
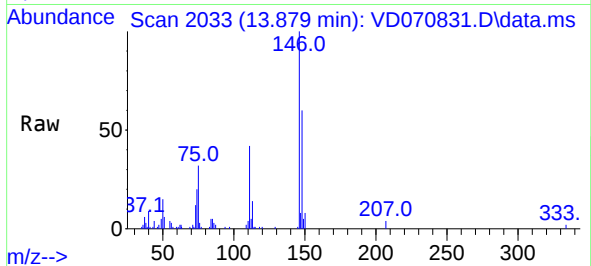
#91
1,2-Dichlorobenzene
Concen: 5.101 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 4256
Ion Ratio Lower Upper
146 100
111 43.5 20.8 62.2
148 62.6 31.7 95.1

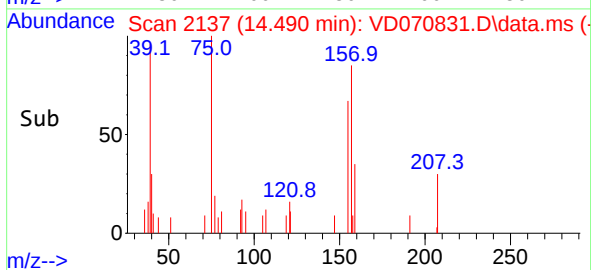
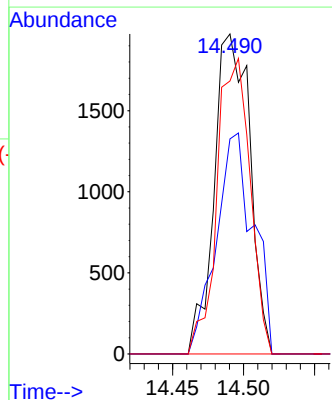
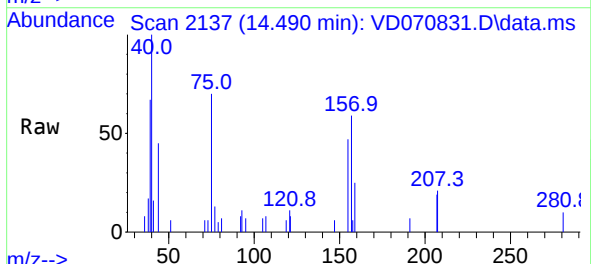
Manual Integrations
APPROVED

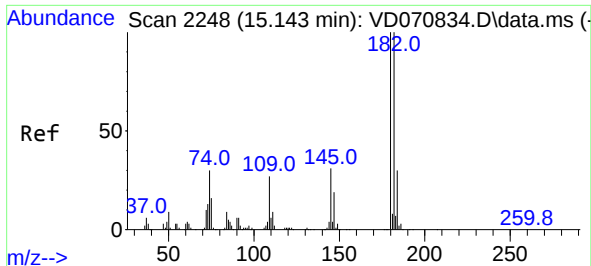
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.957 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Tgt Ion: 75 Resp: 3442
Ion Ratio Lower Upper
75 100
155 71.6 40.0 120.0
157 85.8 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 4.983 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

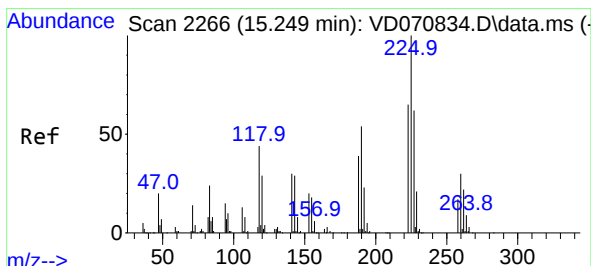
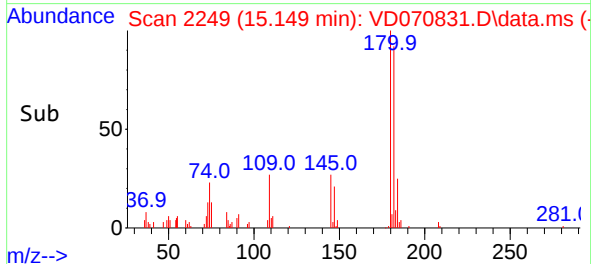
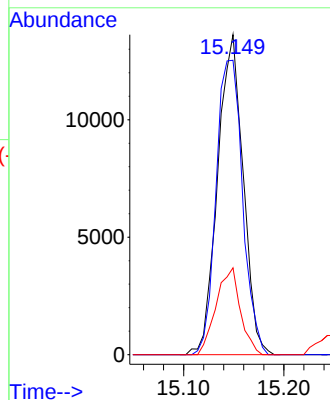
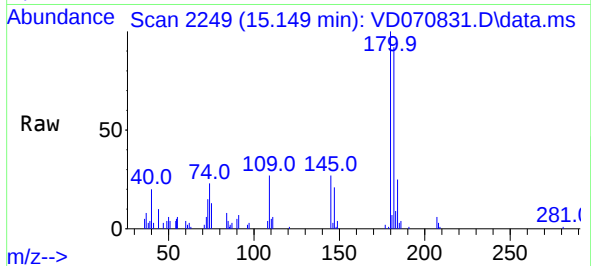
VSTDICC005

Tgt Ion:180 Resp: 24024
Ion Ratio Lower Upper
180 100
182 95.6 48.2 144.6
145 25.8 15.4 46.2

Manual Integrations

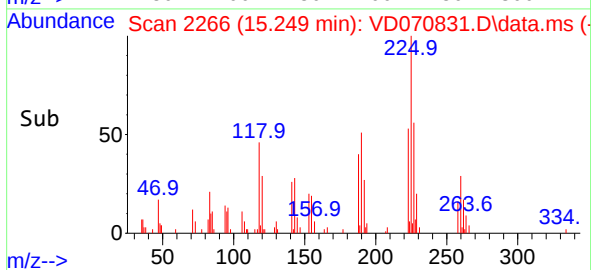
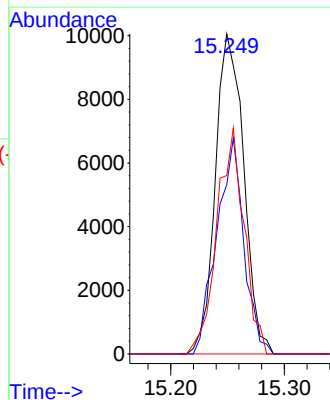
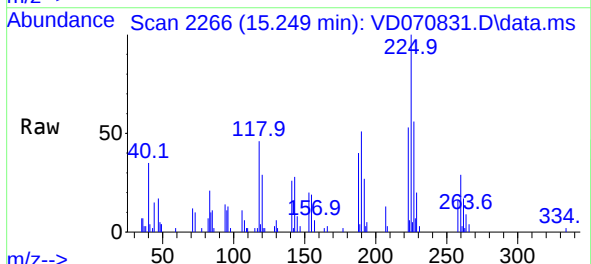
APPROVED

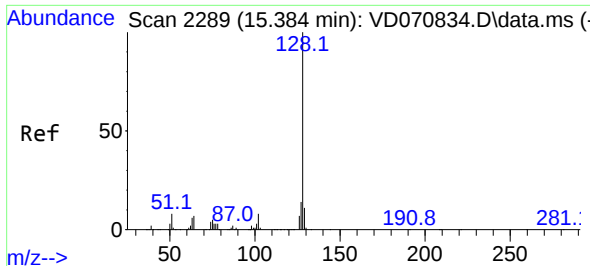
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#94
Hexachlorobutadiene
Concen: 5.493 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

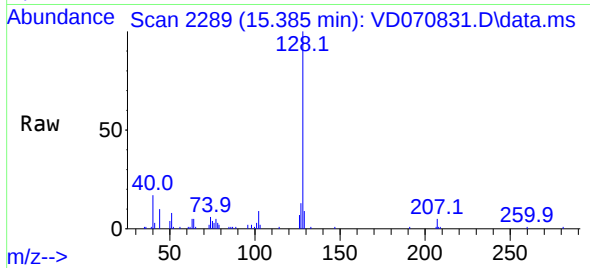
Tgt Ion:225 Resp: 17450
Ion Ratio Lower Upper
225 100
223 64.2 31.8 95.3
227 67.7 31.6 94.8





#95
Naphthalene
Concen: 4.370 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02

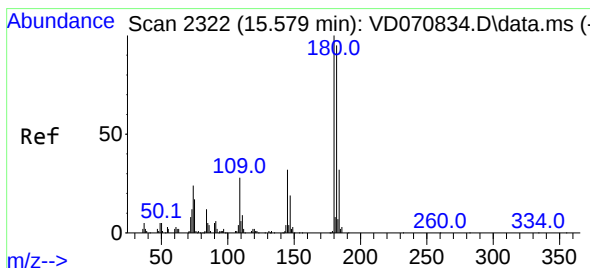
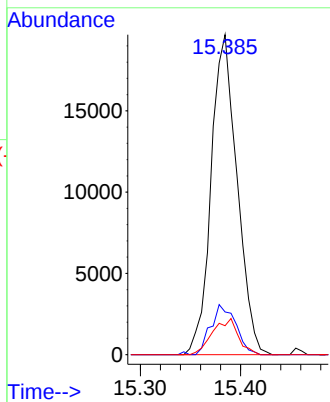
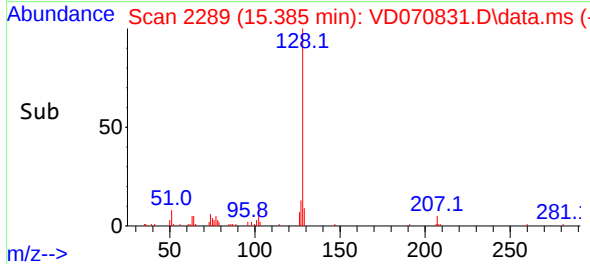
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



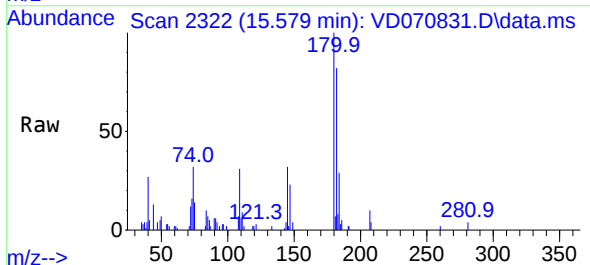
Tgt Ion:128 Resp: 35478
Ion Ratio Lower Upper
128 100
127 15.0 10.7 16.1
129 11.2 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 4.711 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070831.D
Acq: 26 Oct 2021 10:02



Tgt Ion:180 Resp: 19737
Ion Ratio Lower Upper
180 100
182 96.9 46.7 140.1
145 37.3 15.9 47.6

