

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050217.D
 Acq On : 10 Aug 2022 14:25
 Operator : SY/MD
 Sample : VU0810WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 16:27:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 15:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	30999	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9517	0.895	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	10226	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20964	1.877	ug/l	99
3) Chloromethane	1.517	50	27007	1.929	ug/l	99
4) Vinyl Chloride	1.601	62	24366	1.960	ug/l	97
5) Bromomethane	1.855	94	8895	2.376	ug/l	100
6) Chloroethane	1.932	64	14317	1.905	ug/l	99
7) Trichlorofluoromethane	2.134	101	25823	1.893	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	14048	1.939	ug/l	94
9) 1,1-Dichloroethene	2.575	96	15481	1.884	ug/l	99
10) Iodomethane	2.720	142	9113	1.329	ug/l	96
11) Allyl Chloride	2.922	41	21898	1.922	ug/l	99
12) Acrylonitrile	3.340	53	8163	3.745	ug/l	99
13) Acetone	2.665	43	16246	9.973	ug/l	99
14) Carbon Disulfide	2.790	76	58112	1.866	ug/l	99
15) Methylene Chloride	3.044	84	22168	1.801	ug/l	89
16) trans-1,2-Dichloroethene	3.350	96	18041	1.983	ug/l	90
17) 1,1-Dichloroethane	3.871	63	33828	1.969	ug/l	99
18) 2-Butanone	4.726	43	26527	10.059	ug/l	100
19) Cyclohexane	5.388	56	19654	1.711	ug/l	87
20) Methylcyclohexane	6.764	83	20586	1.825	ug/l	98
21) 2,2-Dichloropropane	4.665	77	22907	1.771	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	20254	1.974	ug/l	96
23) Diethyl Ether	2.376	59	14021	1.912	ug/l	98
24) tert-Butyl Alcohol	3.253	59	13239m	23.888	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	41046	1.945	ug/l	96
26) Bromochloromethane	4.977	128	9530	2.012	ug/l	95
27) Chloroform	5.089	83	34374	1.942	ug/l	96
28) 1,1,1-Trichloroethane	5.318	97	27377	1.965	ug/l	99
29) 1,1-Dichloropropene	5.527	75	22862	1.977	ug/l	98
30) Carbon Tetrachloride	5.527	117	21876	1.911	ug/l	95
31) Isopropyl Ether	3.996	45	46730	2.009	ug/l	93
32) Ethyl-t-butyl ether	4.504	59	43035	1.934	ug/l	98
33) Tert-Amyl methyl ether	5.945	73	37896	1.929	ug/l	98
34) Propionitrile	4.806	54	8254	8.854	ug/l #	67
35) Benzene	5.774	78	75643	1.974	ug/l	98
36) 1,2-Dichloroethane	5.797	62	21888	1.978	ug/l	98
37) Trichloroethene	6.543	130	18025	1.982	ug/l	98
38) 1,2-Dichloropropane	6.793	63	20922	1.994	ug/l	98
39) Methacrylonitrile	4.983	41	5717	1.959	ug/l	93
40) Methyl acrylate	4.855	55	11019	1.945	ug/l #	90
41) Tetrahydrofuran	5.080	42	6809	3.912	ug/l	93
42) 1-Chlorobutane	5.459	56	31907	1.978	ug/l	97
43) Dibromomethane	6.922	93	10776	1.983	ug/l	96
44) Bromodichloromethane	7.105	83	25248	1.979	ug/l	97

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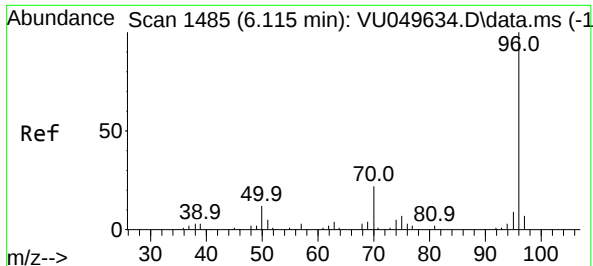
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	59188	9.817	ug/l	99
46) t-1,4-Dichloro-2-butene	10.825	75	15115m	6.339	ug/l	
47) Methyl methacrylate	6.964	69	18544	3.930	ug/l	92
48) Ethyl methacrylate	8.337	69	16228	1.875	ug/l	95
49) Toluene	7.970	92	42478	1.961	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	21059	1.885	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	25416	1.924	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	15036	1.940	ug/l	98
53) 1,3-Dichloropropane	8.578	76	25983	1.988	ug/l	98
54) 2-Hexanone	8.690	43	40399	9.498	ug/l	98
55) Dibromochloromethane	8.809	129	16439	1.908	ug/l	98
56) 1,2-Dibromoethane	8.925	107	13772	1.935	ug/l	97
58) Tetrachloroethene	8.555	164	15431	2.003	ug/l	98
59) Chlorobenzene	9.449	112	45395	1.974	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.536	131	17575	1.951	ug/l	98
61) Pentachloroethane	11.430	117	14710	2.012	ug/l	91
62) Hexachloroethane	12.475	117	10256	1.777	ug/l	99
63) Ethyl Benzene	9.571	91	70805	1.897	ug/l	100
64) m/p-Xylenes	9.694	106	54496	3.843	ug/l	96
65) o-Xylene	10.102	106	27134	1.959	ug/l	97
66) Styrene	10.115	104	42116	1.905	ug/l	98
67) Bromoform	10.292	173	9668	1.941	ug/l	98
69) Isopropylbenzene	10.485	105	65339	1.889	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	19836	1.902	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	15115m	1.974	ug/l	
72) Bromobenzene	10.784	156	18369	1.948	ug/l	98
73) n-propylbenzene	10.906	120	15470	1.801	ug/l	99
74) 2-Chlorotoluene	10.986	126	17234	1.954	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	55190	1.871	ug/l	98
76) 4-Chlorotoluene	11.099	126	17070	1.956	ug/l	88
77) tert-Butylbenzene	11.420	119	55220	1.887	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	56383	1.875	ug/l	99
79) sec-Butylbenzene	11.645	105	66403	1.868	ug/l	99
80) Nitrobenzene	13.211	77	3976	9.732	ug/l #	93
81) p-Isopropyltoluene	11.793	119	51582	1.831	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	34002	1.901	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	33681	1.939	ug/l	99
84) n-Butylbenzene	12.208	91	45060	1.839	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	33072	1.907	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	2852	1.782	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	18325	1.890	ug/l	98
88) Hexachlorobutadiene	14.021	225	10780	1.901	ug/l	97
89) Naphthalene	14.089	128	35541	1.776	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	18224	1.825	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

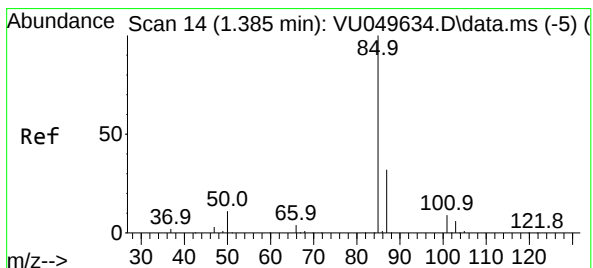
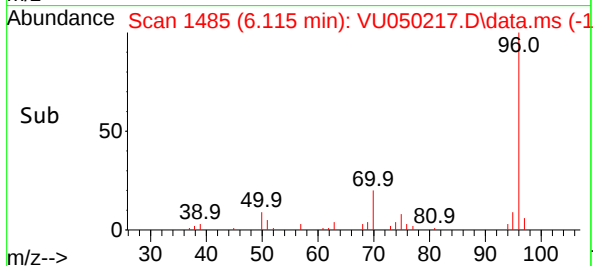
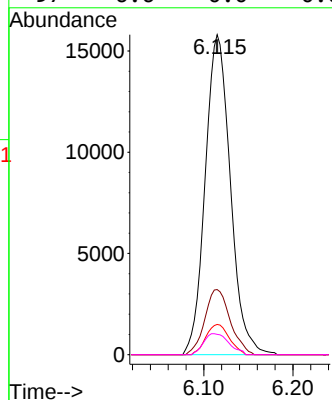
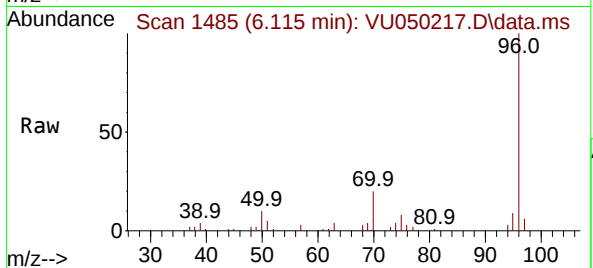
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 96 Resp: 30999

Ion	Ratio	Lower	Upper
96	100		
70	20.5	16.7	25.1
95	8.8	7.4	11.0
97	6.6	0.0	0.0

Manual Integrations
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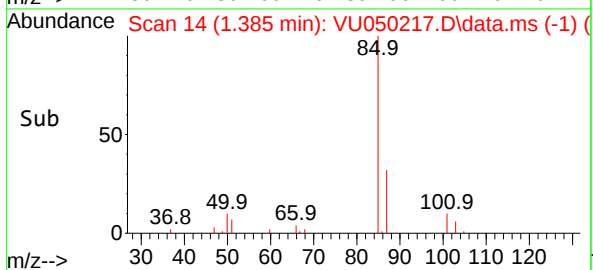
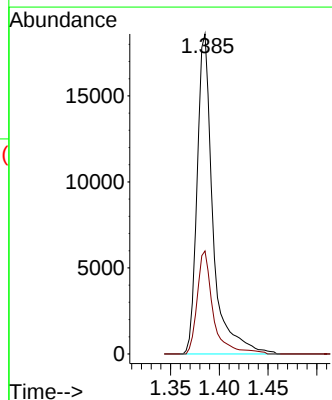
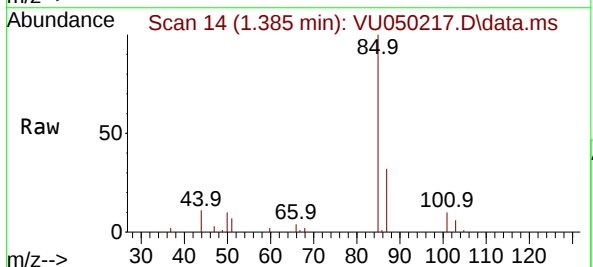
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 1.877 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 85 Resp: 20964

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.3	48.8





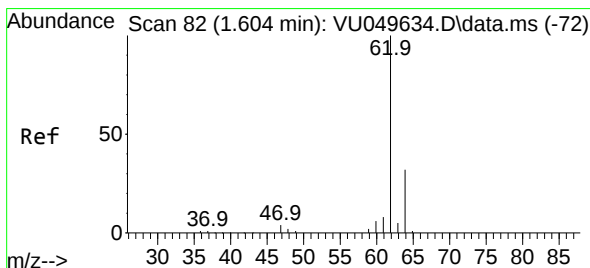
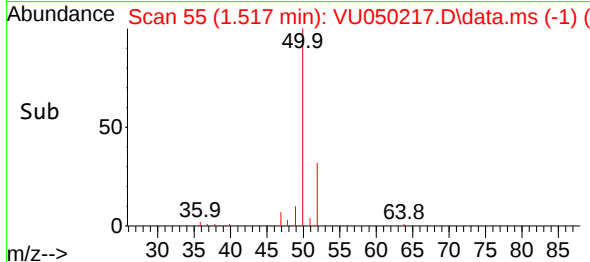
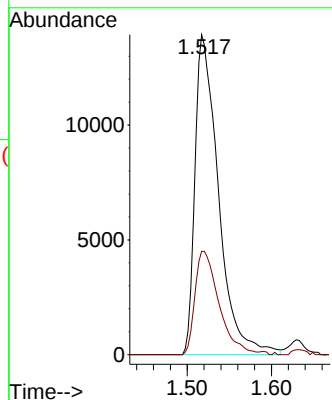
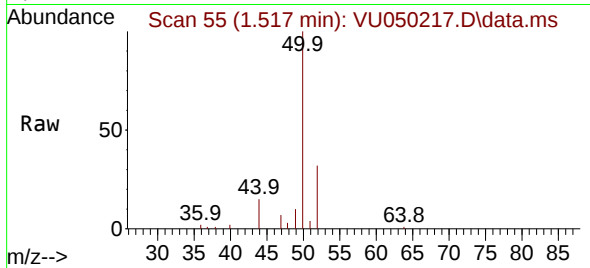
#3
Chloromethane
Concen: 1.929 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.009 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 50 Resp: 2700
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1

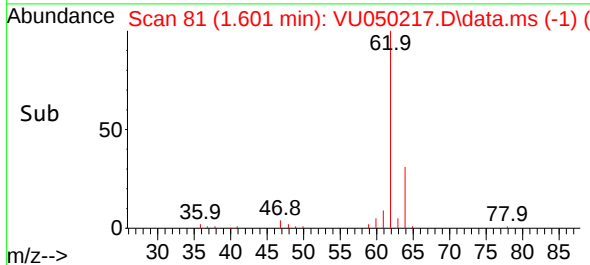
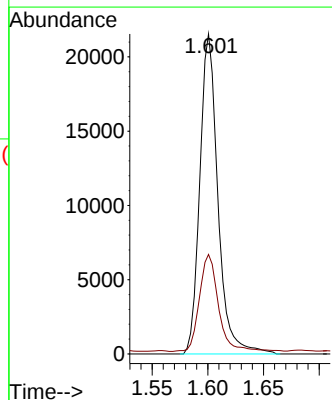
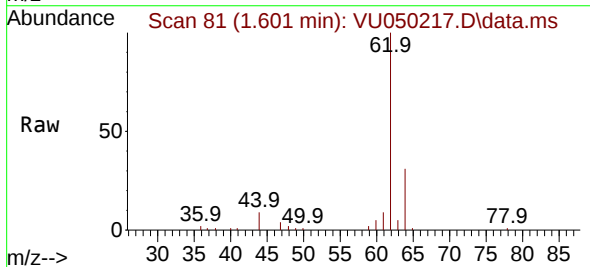
Manual Integrations
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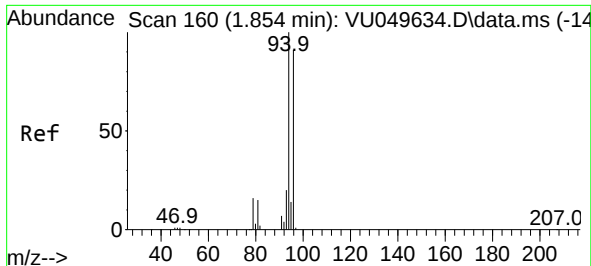
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 1.960 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

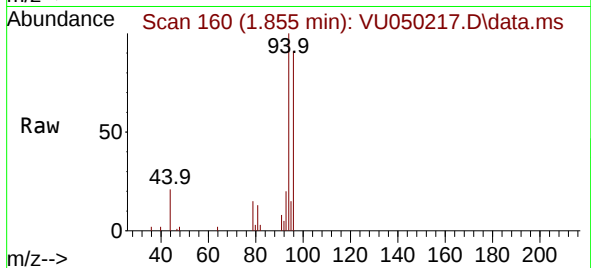
Tgt Ion: 62 Resp: 24366
Ion Ratio Lower Upper
62 100
64 30.1 25.5 38.3





#5
Bromomethane
Concen: 2.376 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

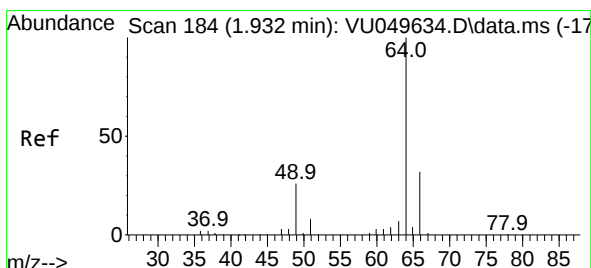
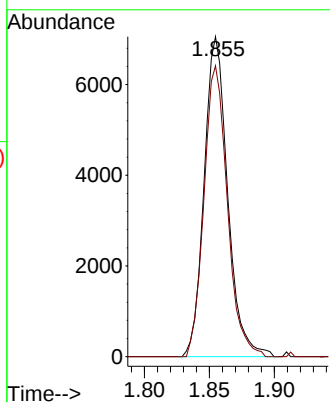
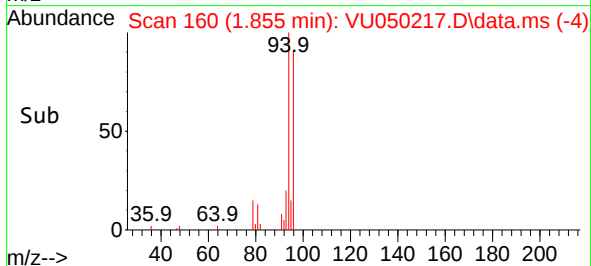
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



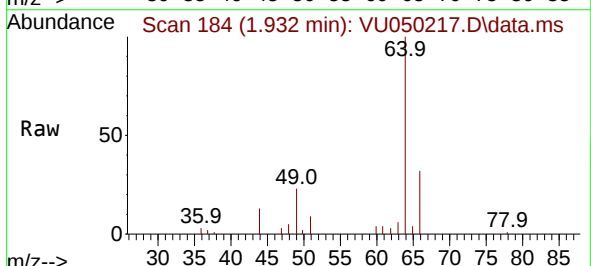
Tgt Ion: 94 Resp: 889
Ion Ratio Lower Upper
94 100
96 90.9 73.0 109.6

Manual Integrations
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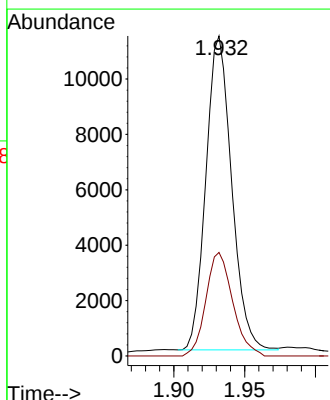
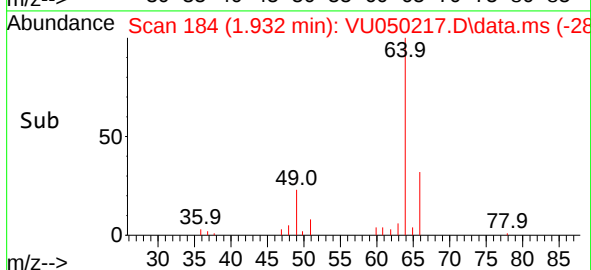
Reviewed By :John Carlone 08/11/2022
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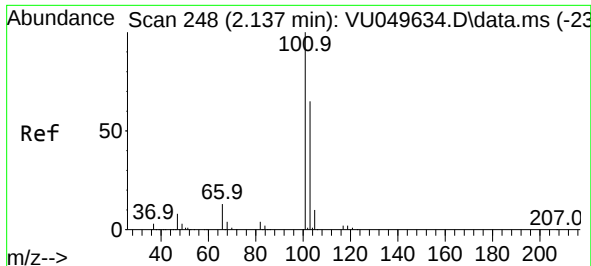


#6
Chloroethane
Concen: 1.905 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



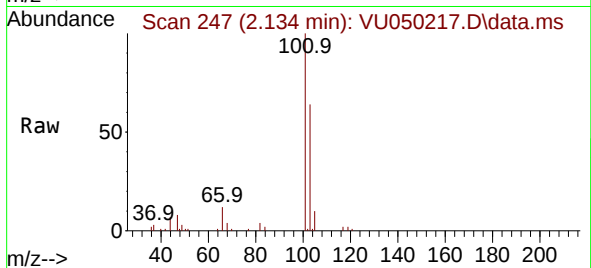
Tgt Ion: 64 Resp: 14317
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.6





#7
Trichlorofluoromethane
Concen: 1.893 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

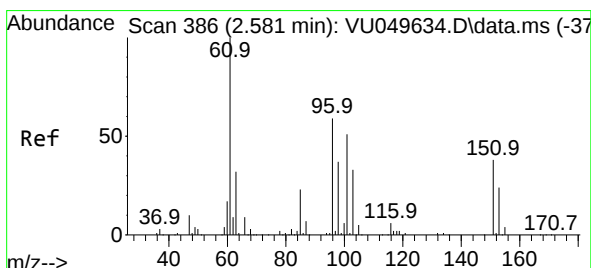
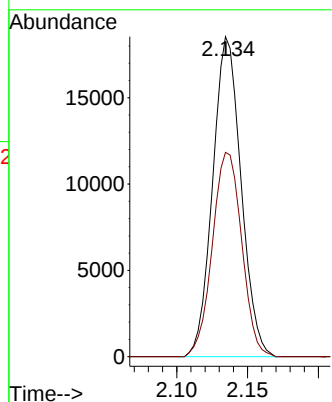
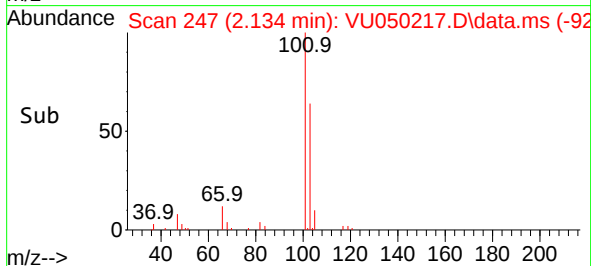
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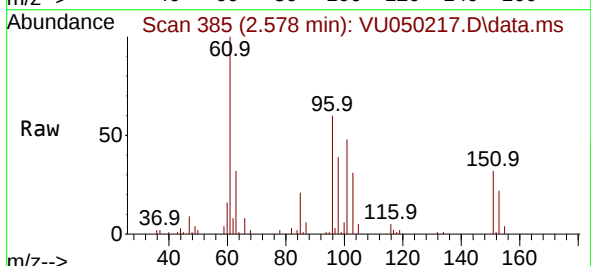
Tgt Ion:101 Resp: 2582
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

Manual Integrations
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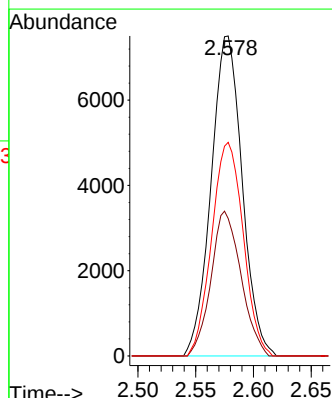
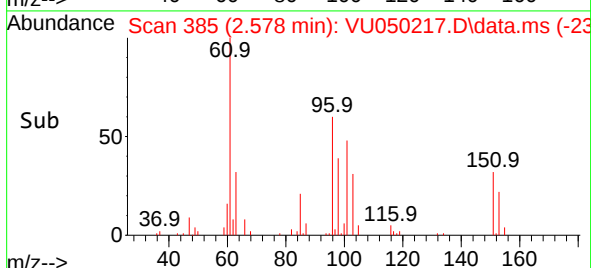
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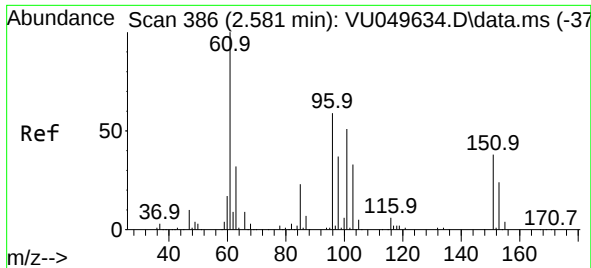


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.939 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



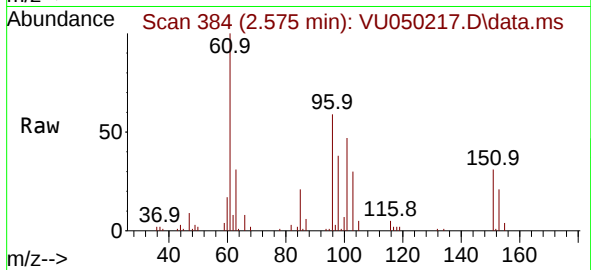
Tgt Ion:101 Resp: 14048
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 67.7 59.1 88.7





#9
1,1-Dichloroethene
Concen: 1.884 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

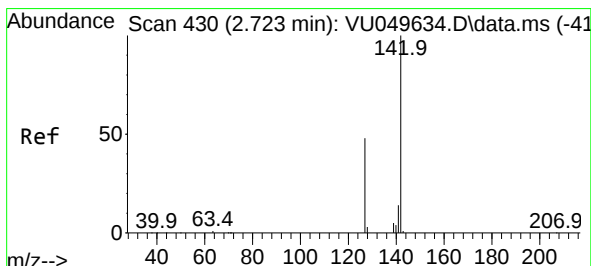
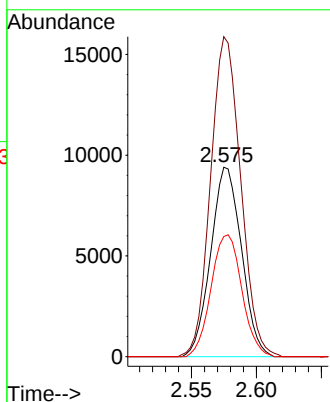
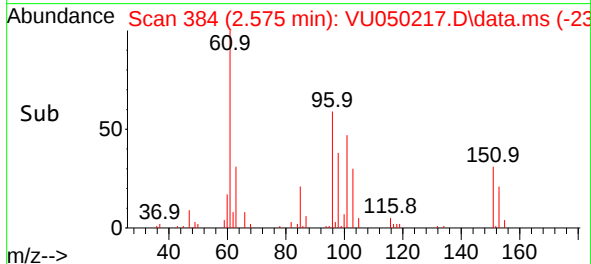
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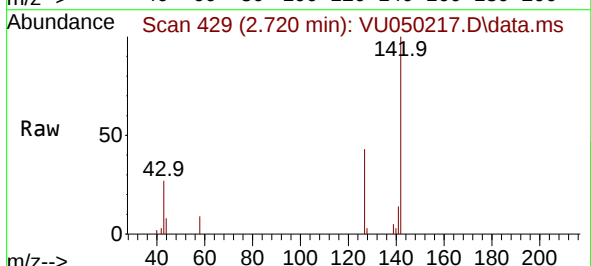
Tgt Ion: 96 Resp: 1548
Ion Ratio Lower Upper
96 100
61 168.9 0.0 510.6
98 63.5 0.0 124.6

Manual Integrations
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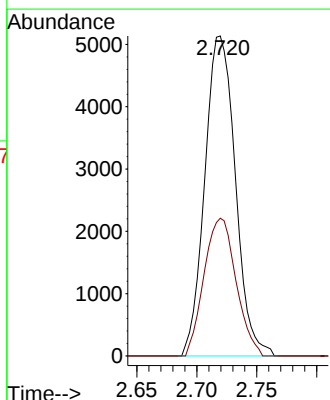
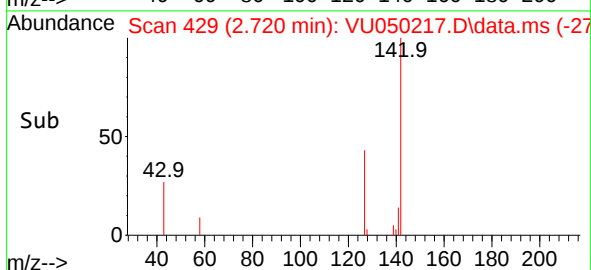
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Iodomethane
Concen: 1.329 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



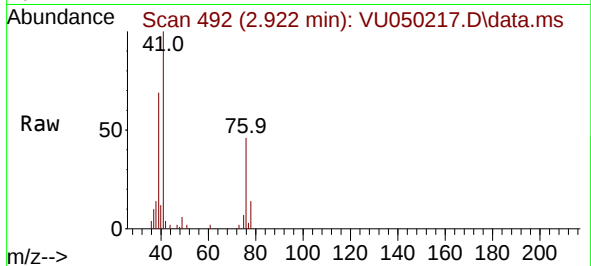
Tgt Ion:142 Resp: 9113
Ion Ratio Lower Upper
142 100
127 45.0 38.2 57.2





#11
 Allyl Chloride
 Concen: 1.922 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25

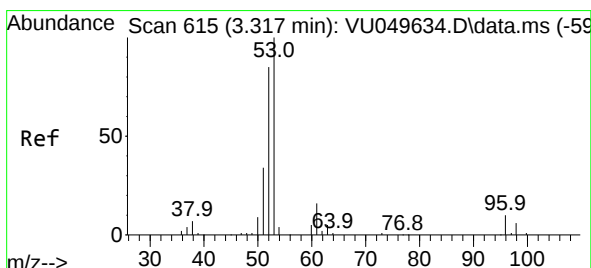
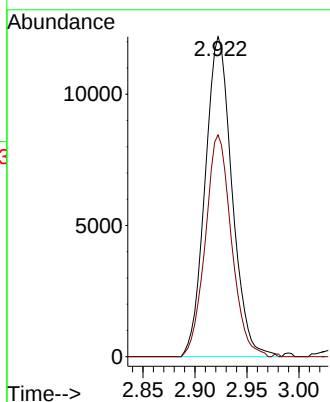
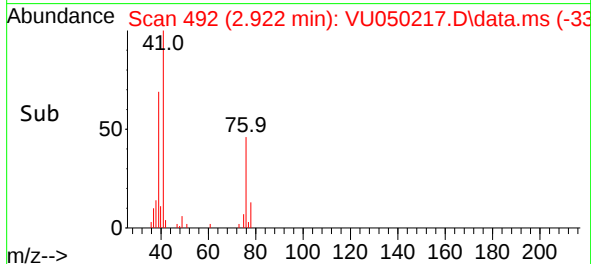
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBSD01



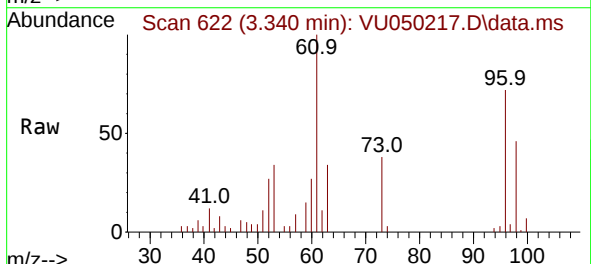
Tgt Ion: 41 Resp: 21898
 Ion Ratio Lower Upper
 41 100
 39 67.3 53.2 79.8

Manual Integrations
 APPROVED

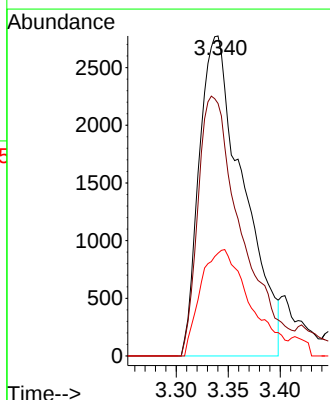
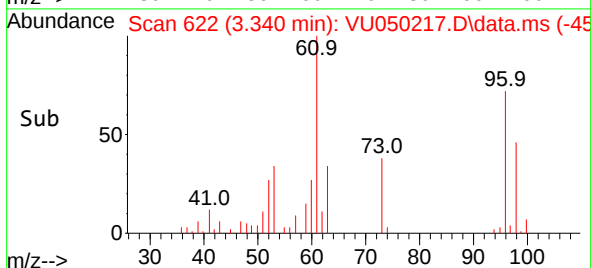
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

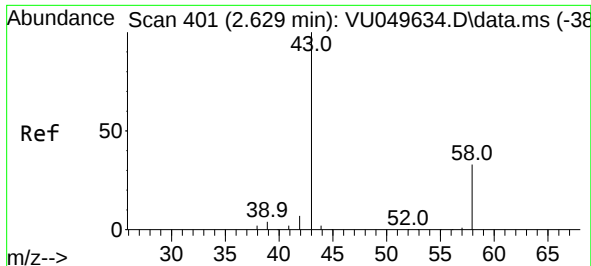


#12
 Acrylonitrile
 Concen: 3.745 ug/l
 RT: 3.340 min Scan# 622
 Delta R.T. 0.023 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25



Tgt Ion: 53 Resp: 8163
 Ion Ratio Lower Upper
 53 100
 52 81.1 64.6 97.0
 51 37.5 30.7 46.1





#13

Acetone

Concen: 9.973 ug/l

RT: 2.665 min Scan# 412

Delta R.T. 0.036 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

Tgt Ion: 43 Resp: 16240

Ion Ratio Lower Upper

43 100

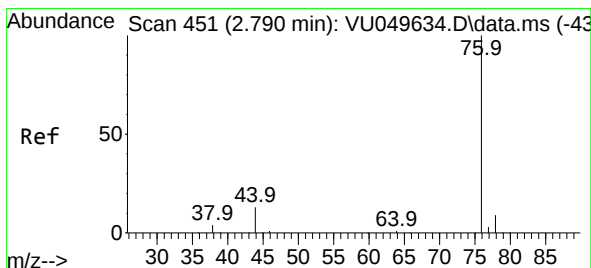
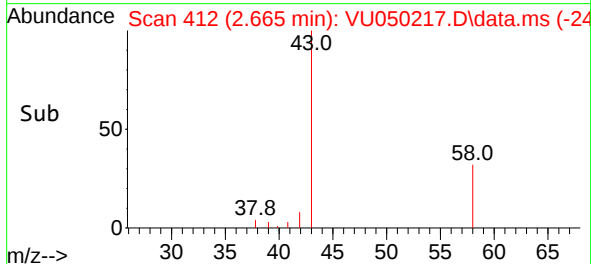
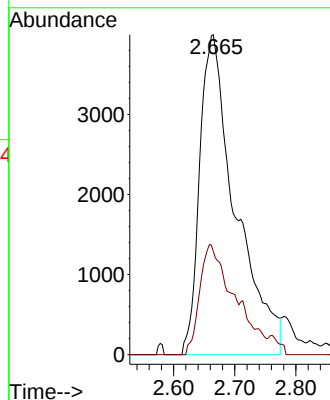
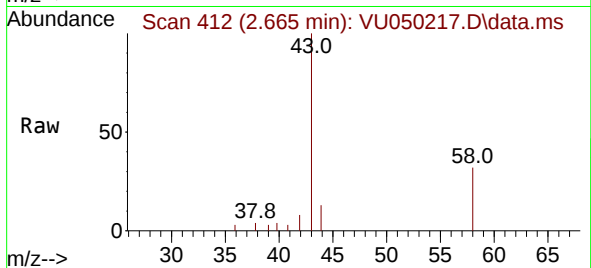
58 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#14

Carbon Disulfide

Concen: 1.866 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050217.D

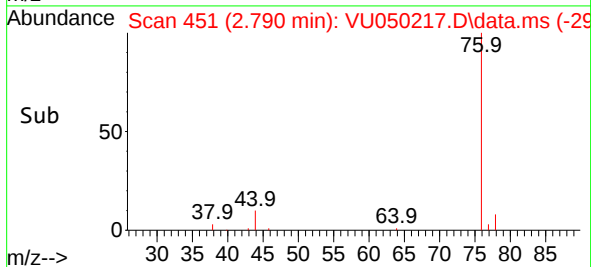
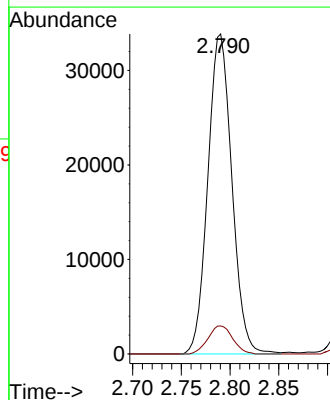
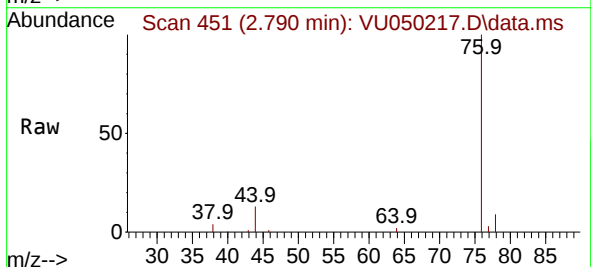
Acq: 10 Aug 2022 14:25

Tgt Ion: 76 Resp: 58112

Ion Ratio Lower Upper

76 100

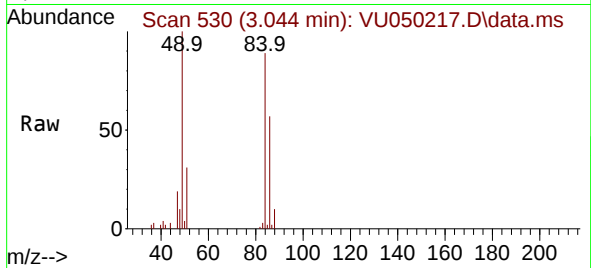
78 8.7 7.4 11.0





#15
Methylene Chloride
Concen: 1.801 ug/l
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

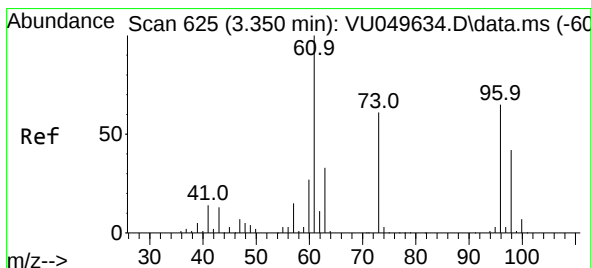
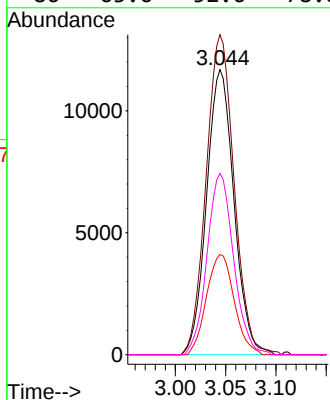
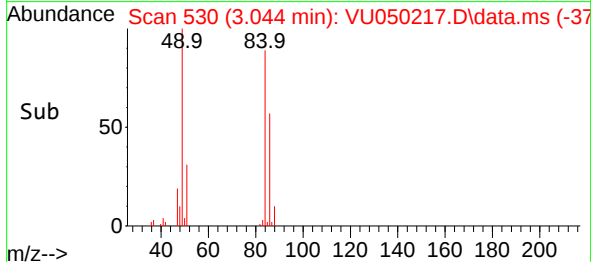
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



Tgt Ion: 84 Resp: 2216
Ion Ratio Lower Upper
84 100
49 112.3 104.6 157.0
51 35.2 0.0 81.4
86 63.6 52.6 78.8

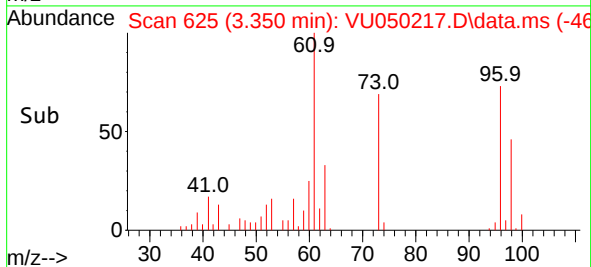
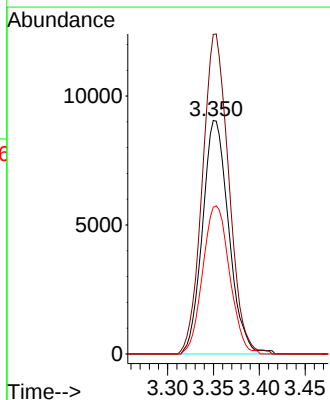
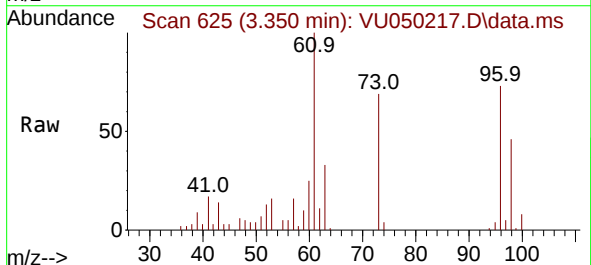
Manual Integrations
APPROVED

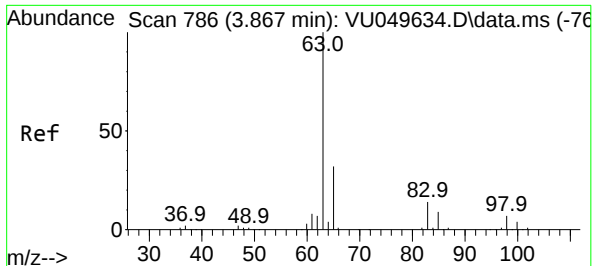
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
trans-1,2-Dichloroethene
Concen: 1.983 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 96 Resp: 18041
Ion Ratio Lower Upper
96 100
61 136.9 123.4 185.0
98 62.9 51.6 77.4





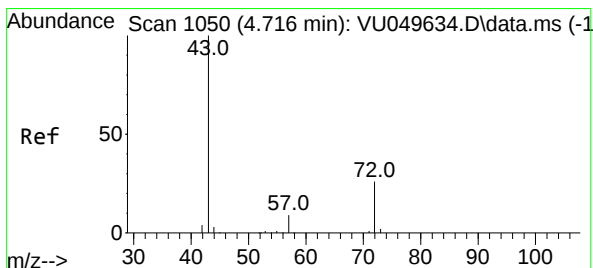
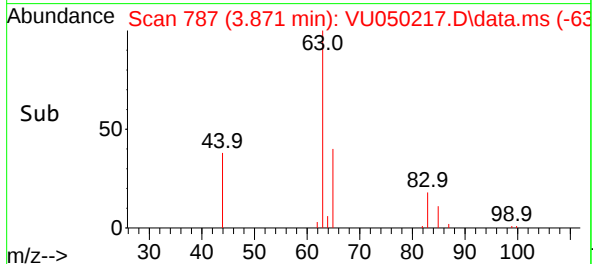
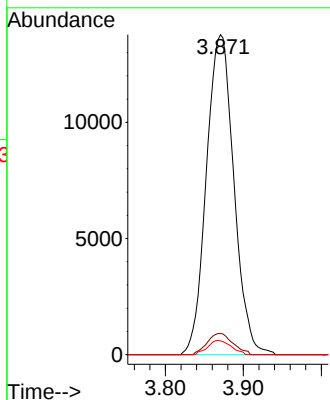
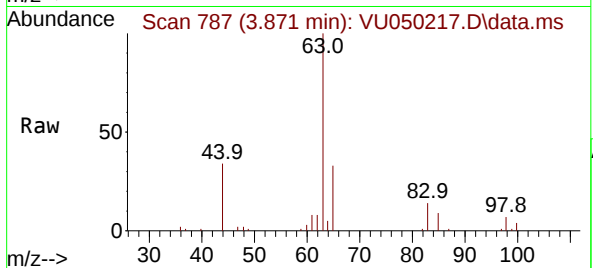
#17
1,1-Dichloroethane
Concen: 1.969 ug/l
RT: 3.871 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 63 Resp: 33828
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.2
100 4.3 2.0 6.0

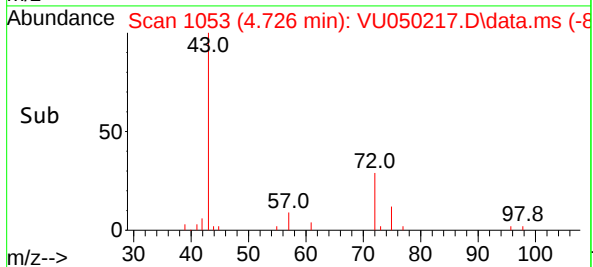
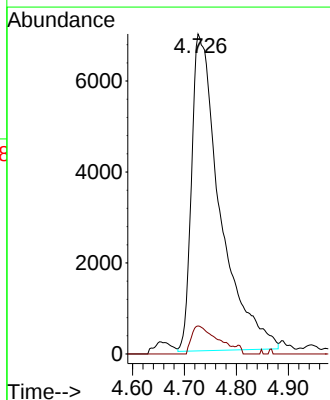
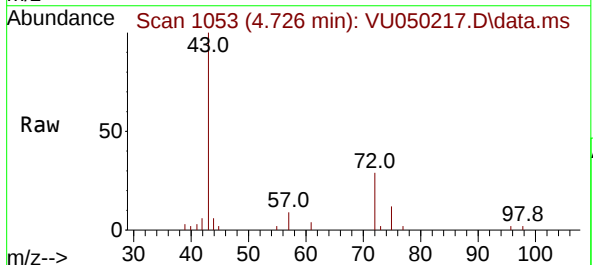
Manual Integrations
APPROVED

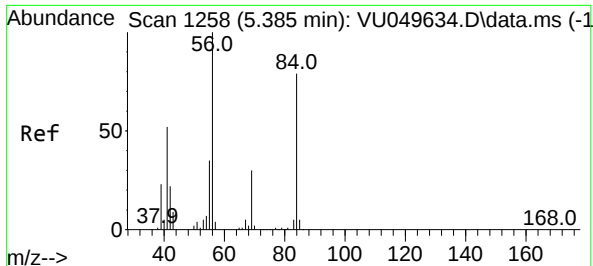
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 10.059 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 43 Resp: 26527
Ion Ratio Lower Upper
43 100
57 8.9 0.0 18.0





#19

Cyclohexane

Concen: 1.711 ug/l

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050217.D

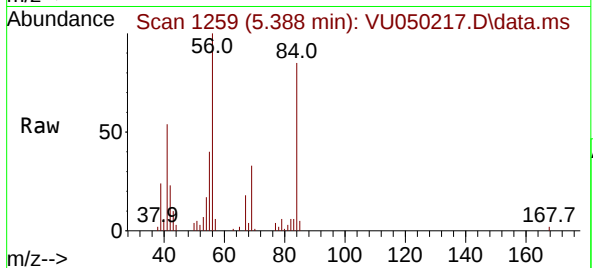
Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01



Tgt Ion: 56 Resp: 19654

Ion Ratio Lower Upper

56 100

69 34.3 24.2 36.4

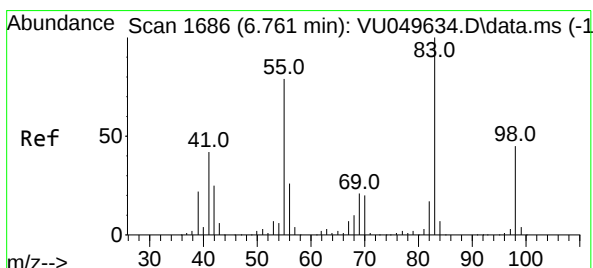
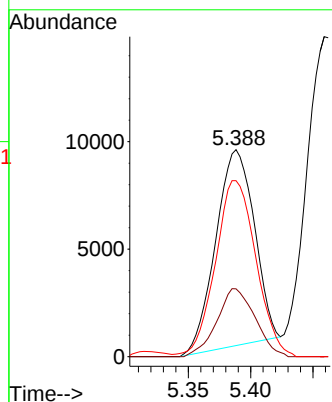
84 92.9 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 1.825 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

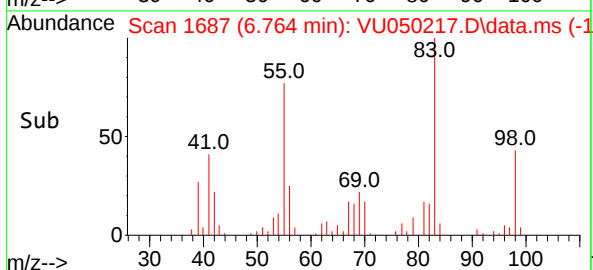
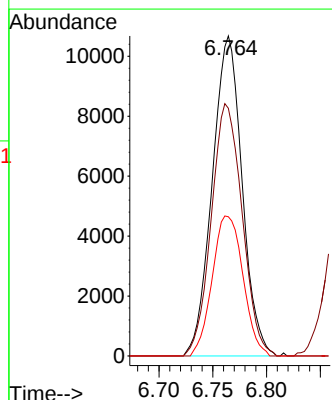
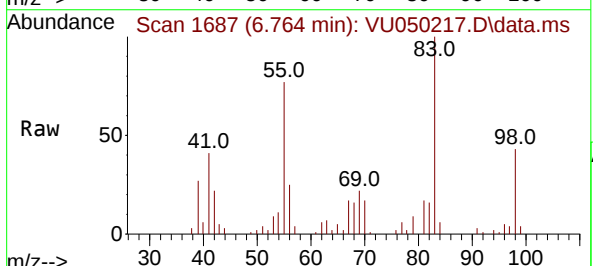
Tgt Ion: 83 Resp: 20586

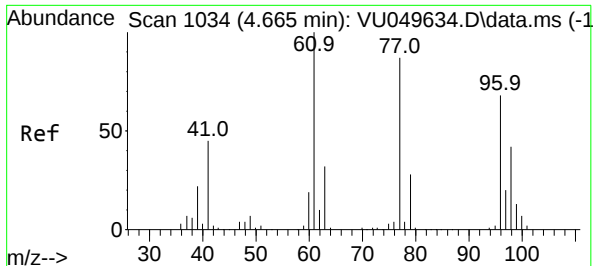
Ion Ratio Lower Upper

83 100

55 81.6 63.0 94.4

98 45.2 35.7 53.5





#21

2,2-Dichloropropane

Concen: 1.771 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

Tgt Ion: 77 Resp: 2290

Ion Ratio Lower Upper

77 100

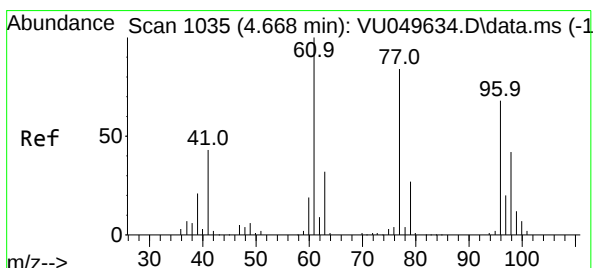
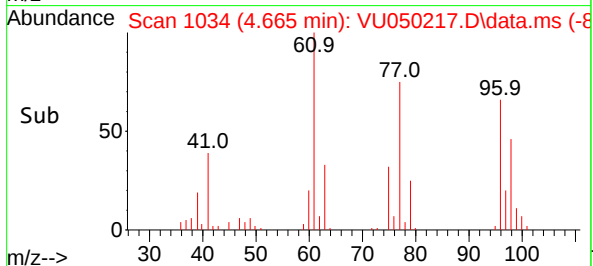
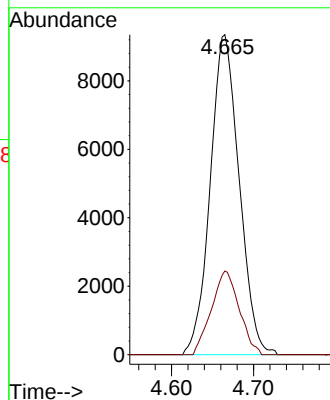
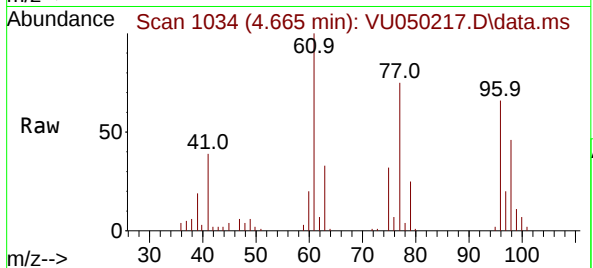
97 25.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#22

cis-1,2-Dichloroethene

Concen: 1.974 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

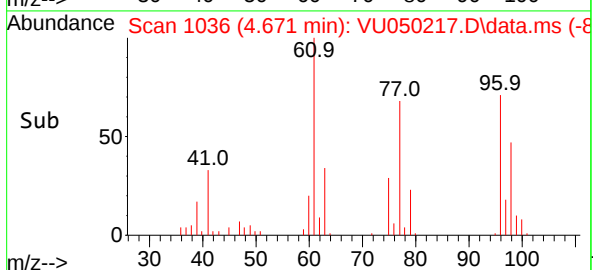
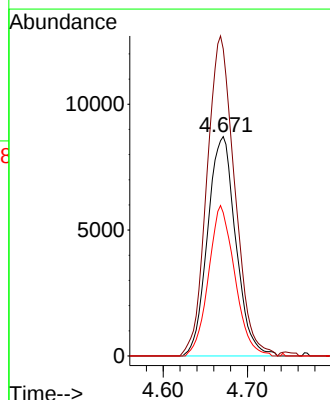
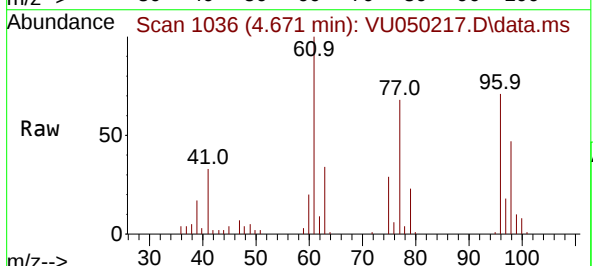
Tgt Ion: 96 Resp: 20254

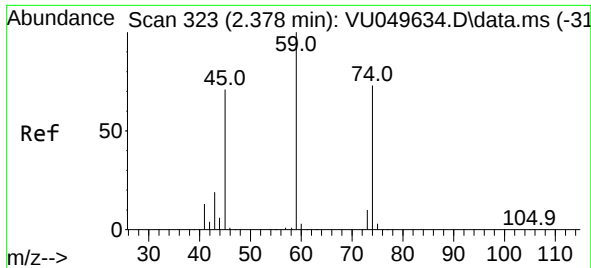
Ion Ratio Lower Upper

96 100

61 143.7 0.0 375.8

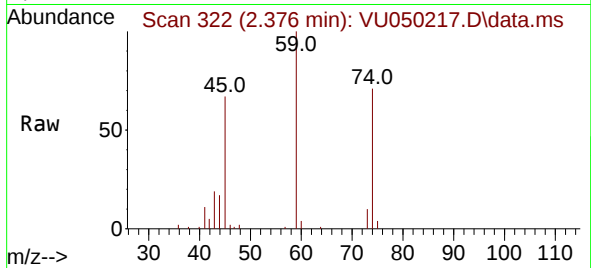
98 63.9 31.6 95.0





#23
Diethyl Ether
Concen: 1.912 ug/l
RT: 2.376 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

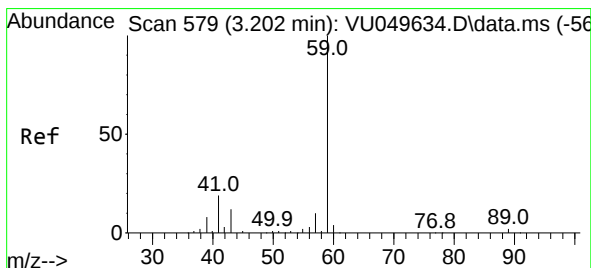
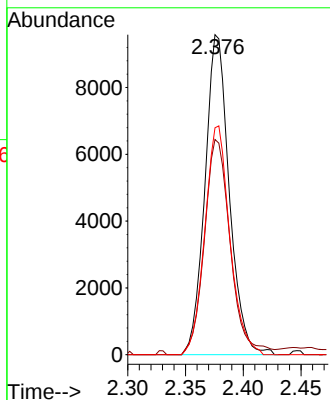
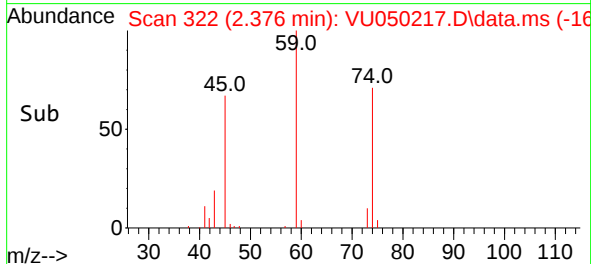
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



Tgt Ion: 59 Resp: 1402
Ion Ratio Lower Upper
59 100
45 71.8 56.0 84.0
74 73.6 57.6 86.4

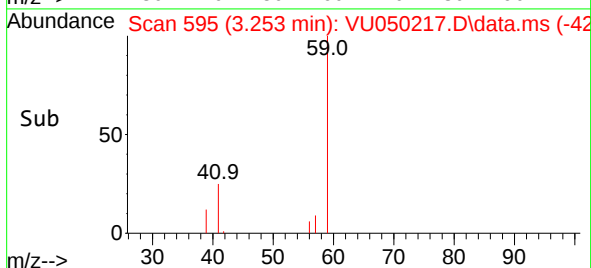
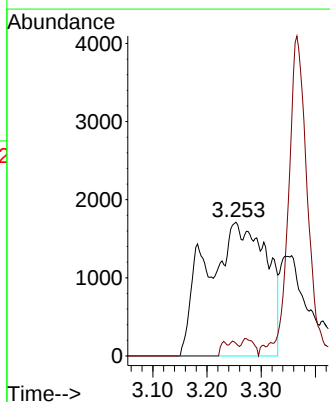
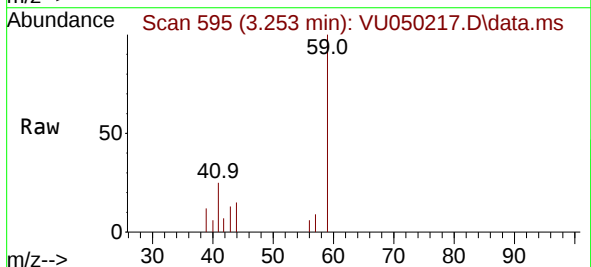
Manual Integrations
APPROVED

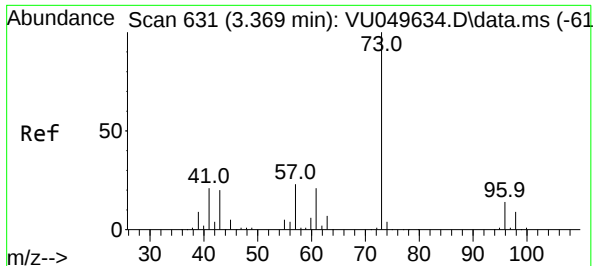
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 23.888 ug/l m
RT: 3.253 min Scan# 595
Delta R.T. 0.051 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 59 Resp: 13239
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





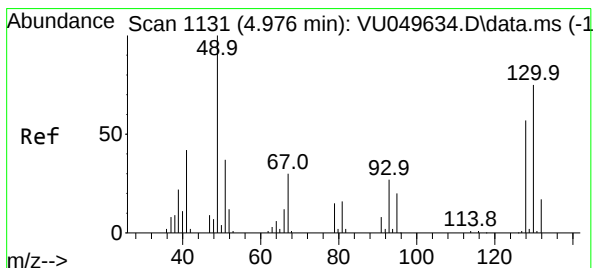
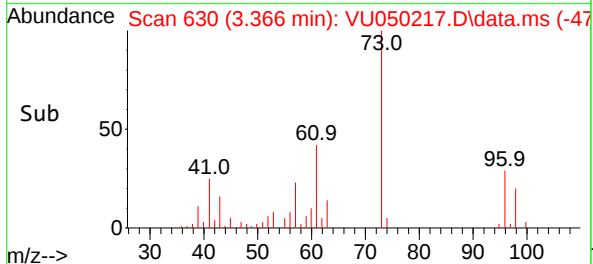
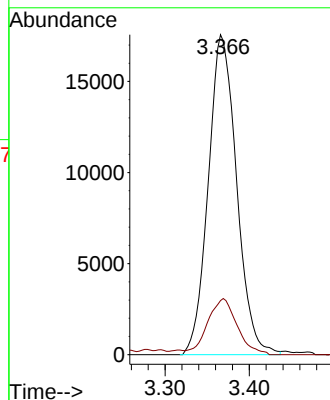
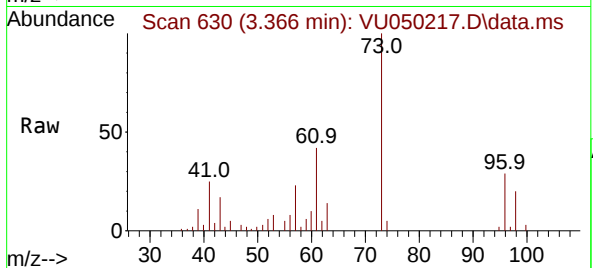
#25
Methyl tert-Butyl Ether
Concen: 1.945 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 73 Resp: 4104
Ion Ratio Lower Upper
73 100
43 18.3 15.9 23.9

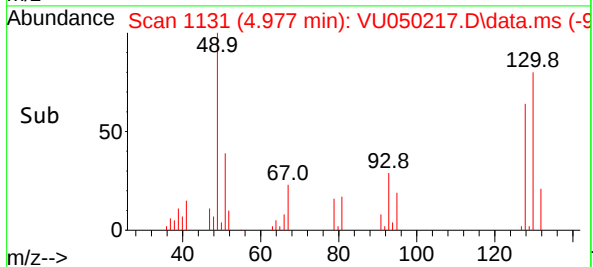
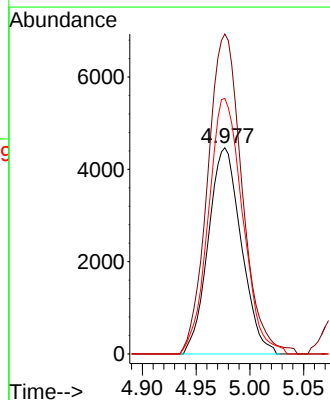
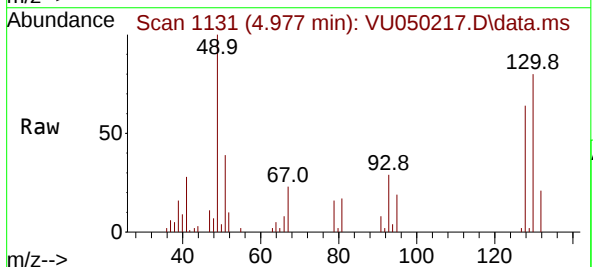
Manual Integrations
APPROVED

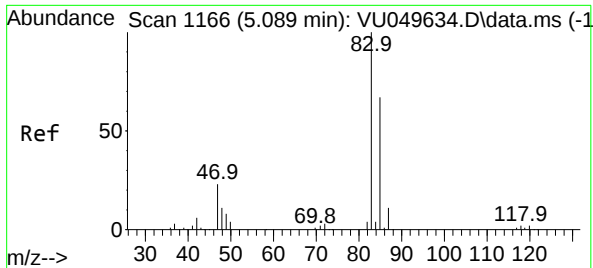
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 2.012 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion:128 Resp: 9530
Ion Ratio Lower Upper
128 100
49 162.1 0.0 349.2
130 128.6 103.0 154.6





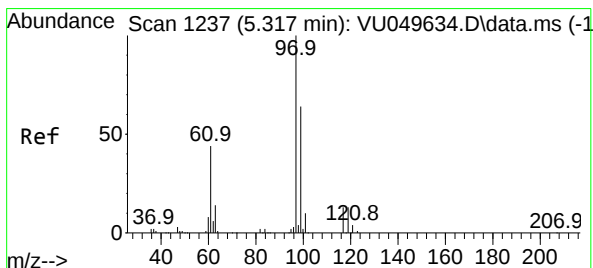
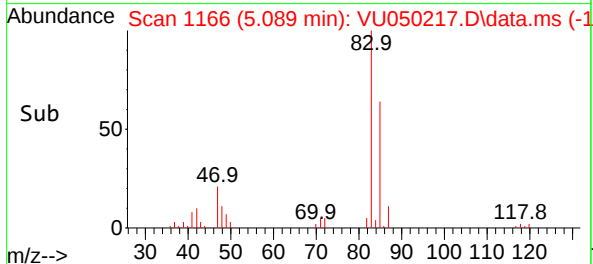
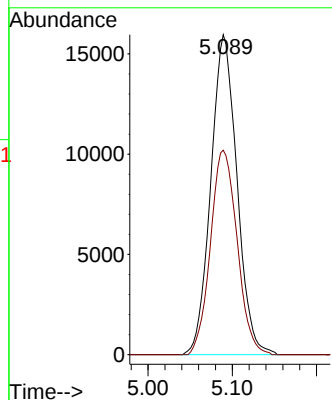
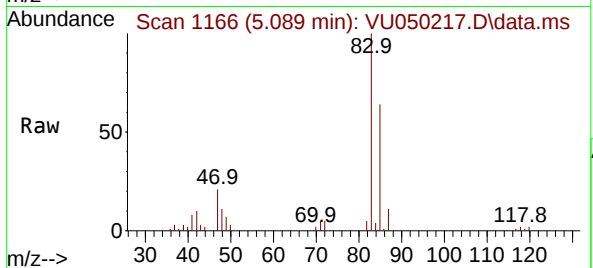
#27
Chloroform
Concen: 1.942 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 83 Resp: 34374
Ion Ratio Lower Upper
83 100
85 63.9 0.0 133.6

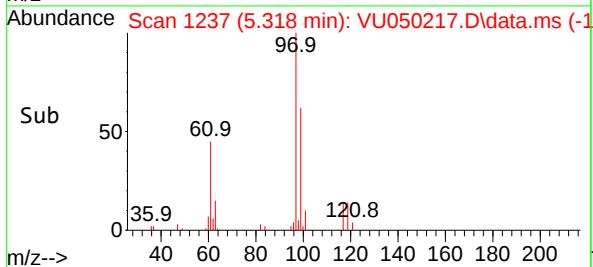
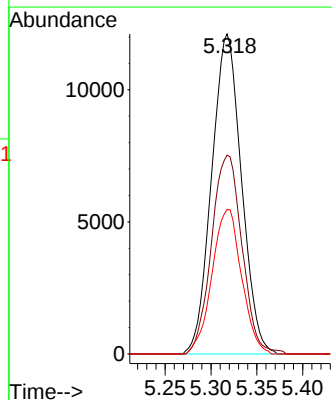
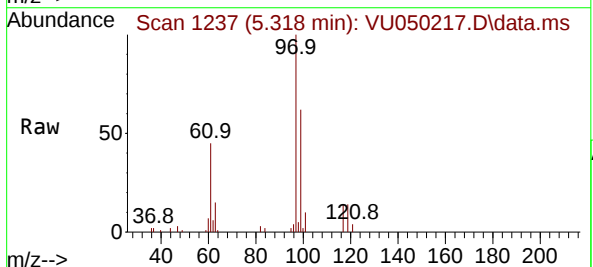
Manual Integrations
APPROVED

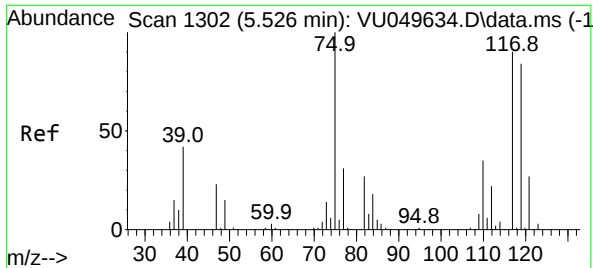
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#28
1,1,1-Trichloroethane
Concen: 1.965 ug/l
RT: 5.318 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 97 Resp: 27377
Ion Ratio Lower Upper
97 100
99 63.5 32.1 96.5
61 44.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.977 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

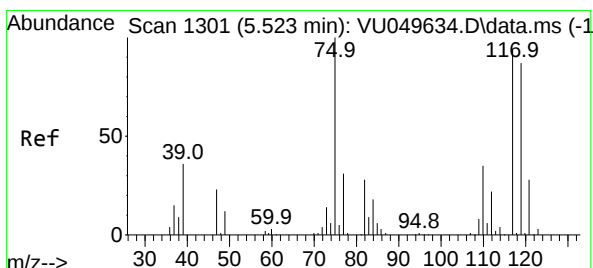
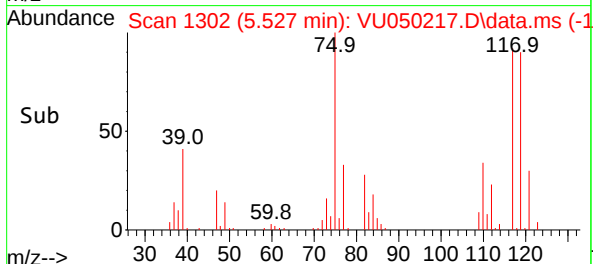
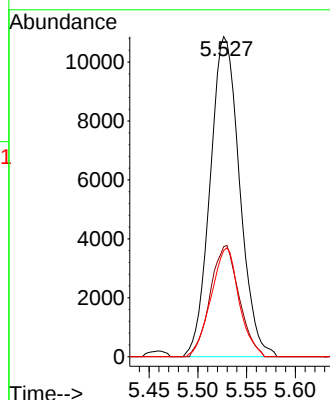
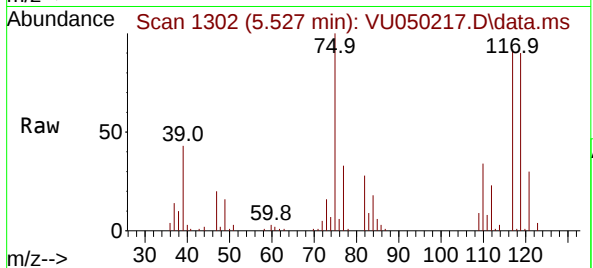
Tgt Ion:	75	Resp:	2286
Ion Ratio	Lower	Upper	
75	100		
110	33.9	17.3	52.0
77	32.3	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 1.911 ug/l

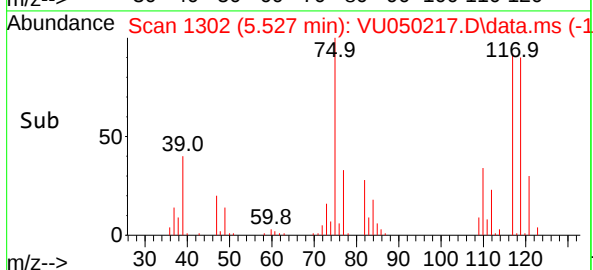
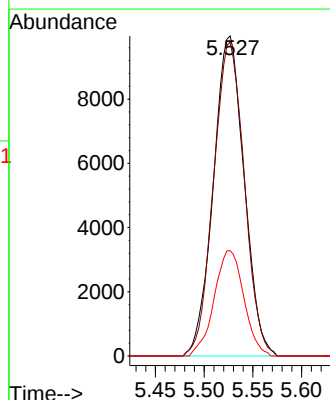
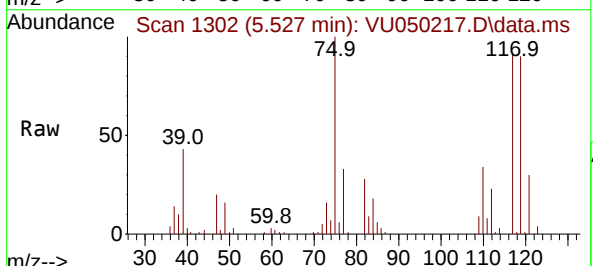
RT: 5.527 min Scan# 1302

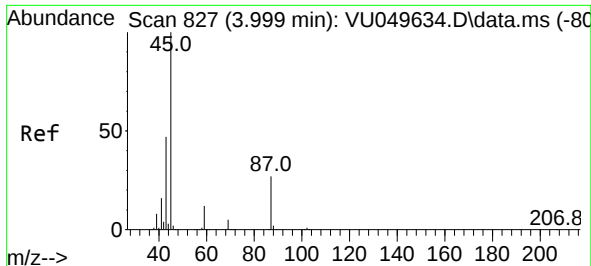
Delta R.T. 0.003 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Tgt Ion:	117	Resp:	21876
Ion Ratio	Lower	Upper	
117	100		
119	98.0	74.6	112.0
121	32.9	24.2	36.4





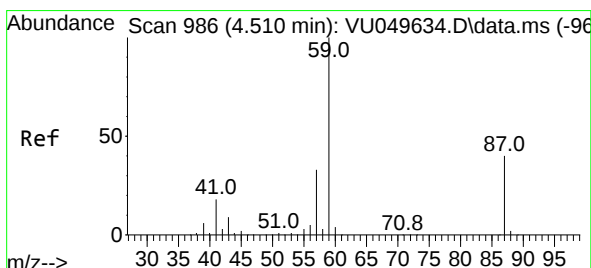
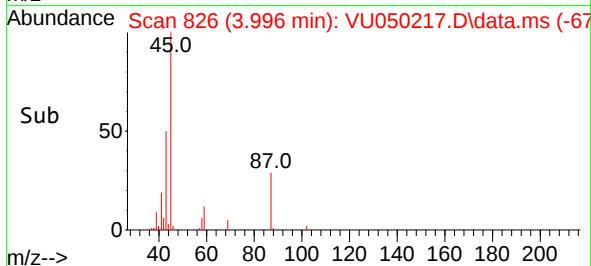
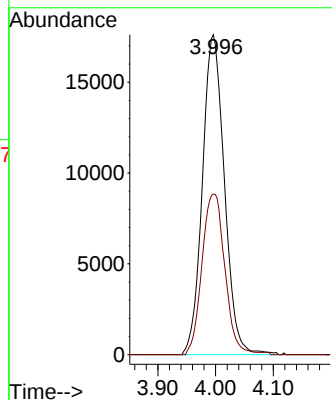
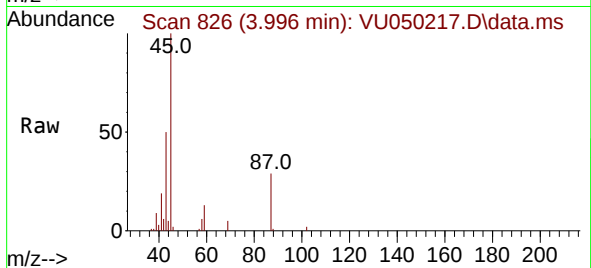
#31
Isopropyl Ether
Concen: 2.009 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 45 Resp: 46730
Ion Ratio Lower Upper
45 100
43 52.1 23.8 71.2

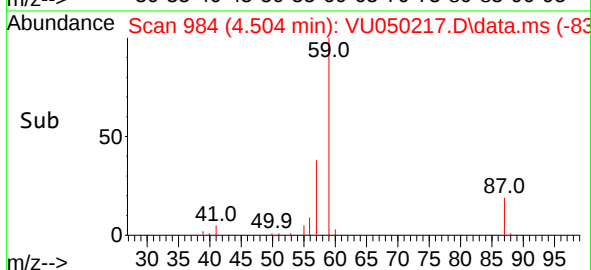
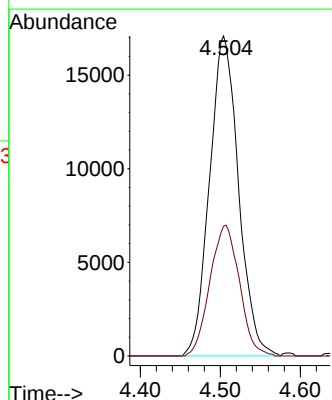
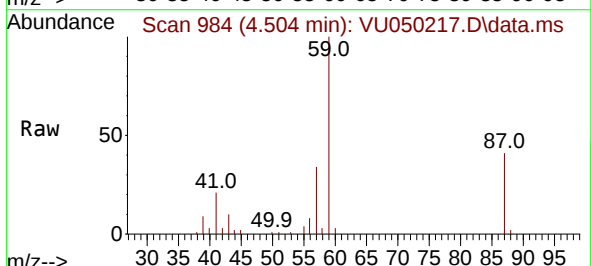
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
Ethyl-t-butyl ether
Concen: 1.934 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

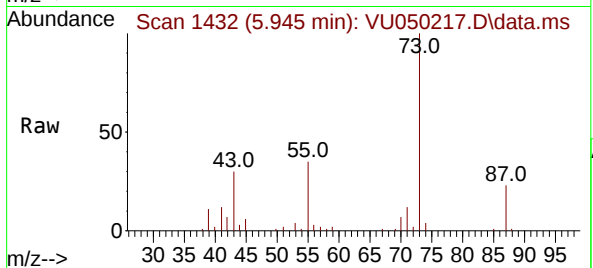
Tgt Ion: 59 Resp: 43035
Ion Ratio Lower Upper
59 100
87 41.6 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 1.929 ug/l
RT: 5.945 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

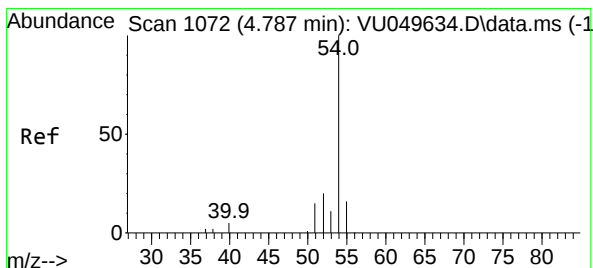
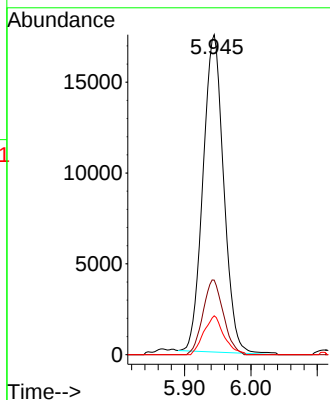
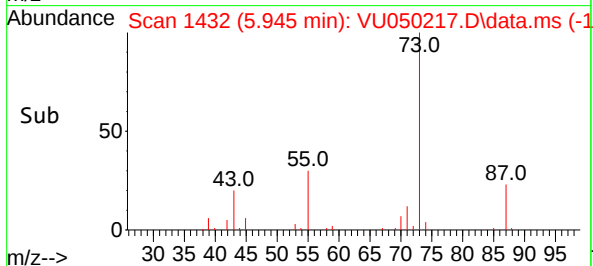
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



Tgt Ion: 73 Resp: 37890
Ion Ratio Lower Upper
73 100
87 23.3 19.7 29.5
71 11.9 9.0 13.4

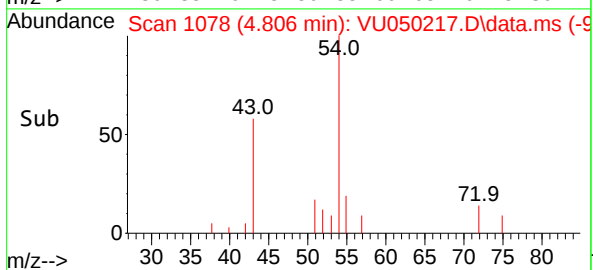
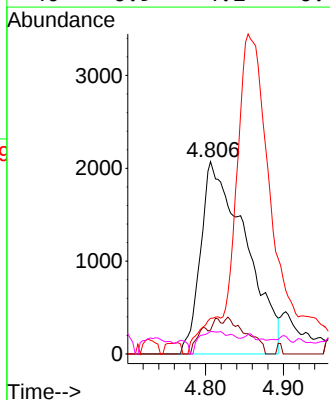
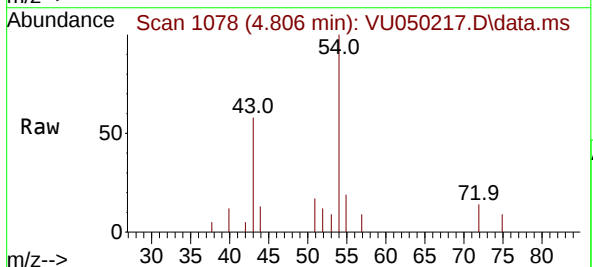
Manual Integrations
APPROVED

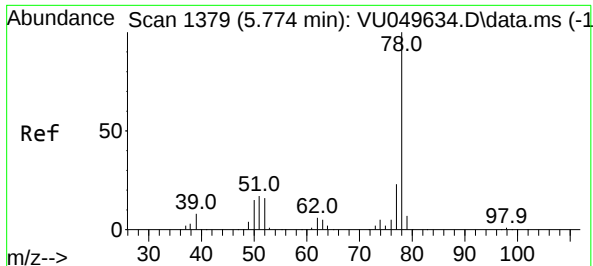
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#34
Propionitrile
Concen: 8.854 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.019 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion: 54 Resp: 8254
Ion Ratio Lower Upper
54 100
52 1.6 15.0 22.6#
55 0.0 12.6 19.0#
40 6.9 4.2 6.4#





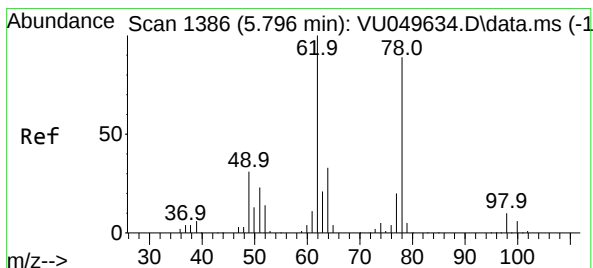
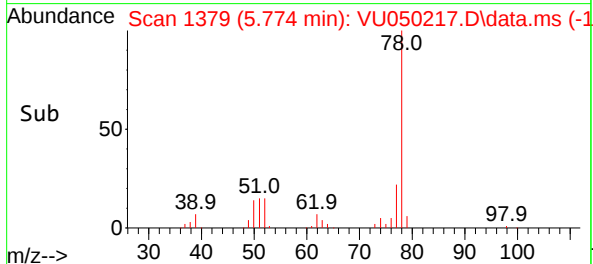
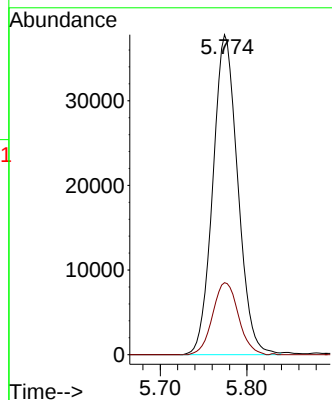
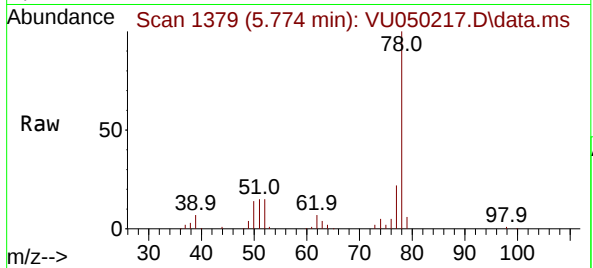
#35
Benzene
Concen: 1.974 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 78 Resp: 7564
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0

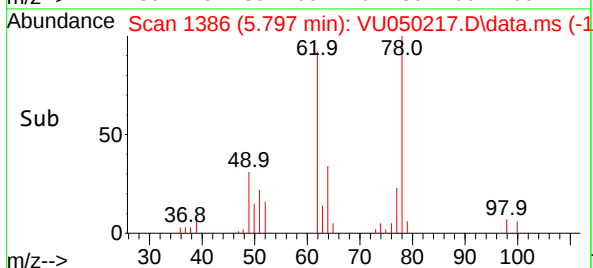
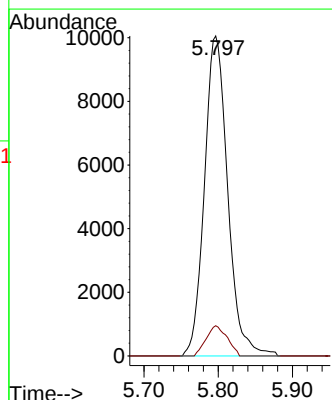
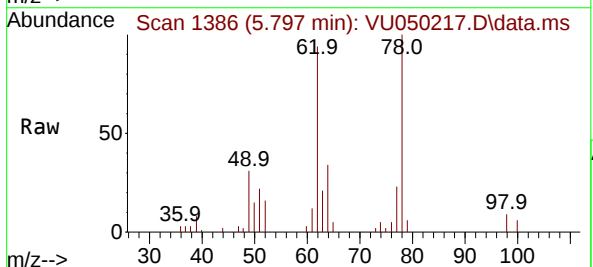
Manual Integrations
APPROVED

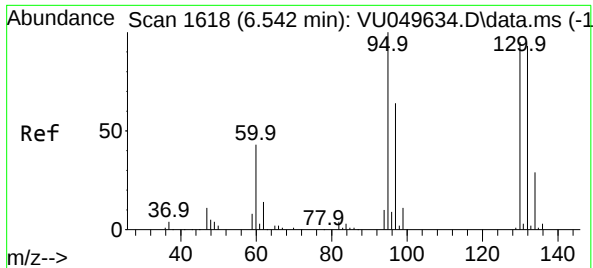
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 1.978 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

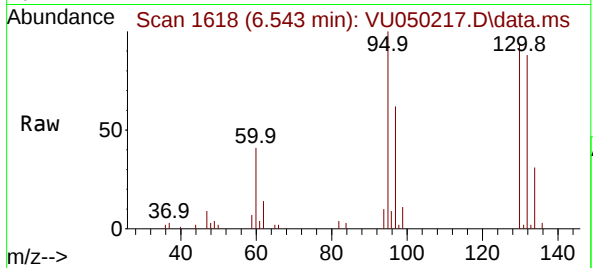
Tgt Ion: 62 Resp: 21888
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.0





#37
Trichloroethene
Concen: 1.982 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

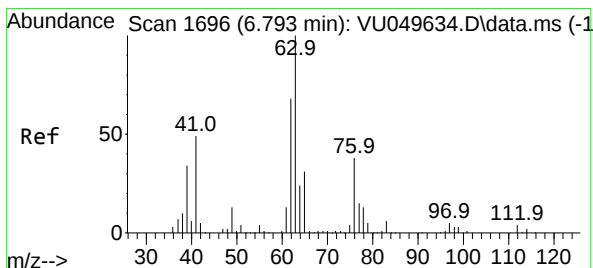
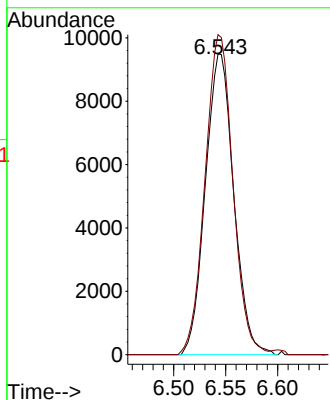
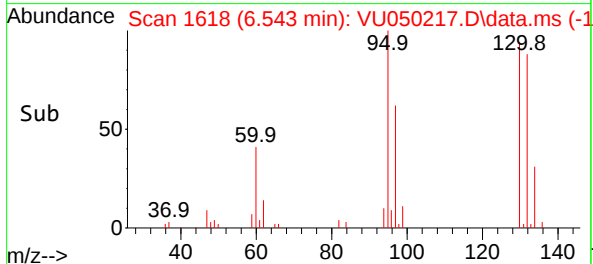
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



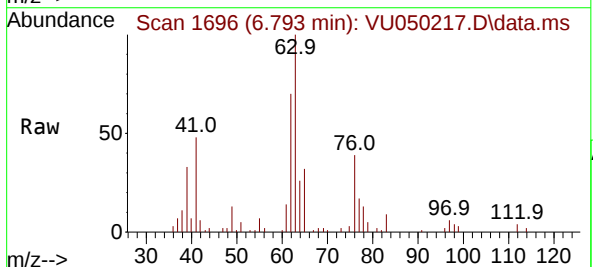
Tgt Ion:130 Resp: 1802
Ion Ratio Lower Upper
130 100
95 106.4 83.8 125.8

Manual Integrations
APPROVED

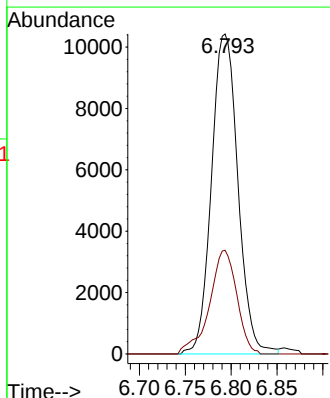
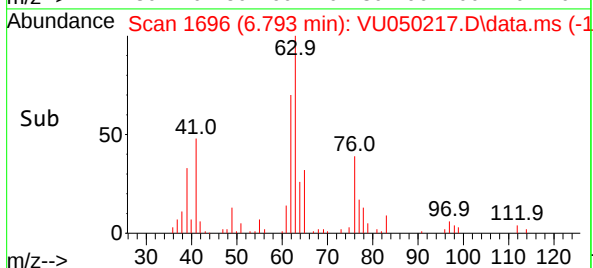
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

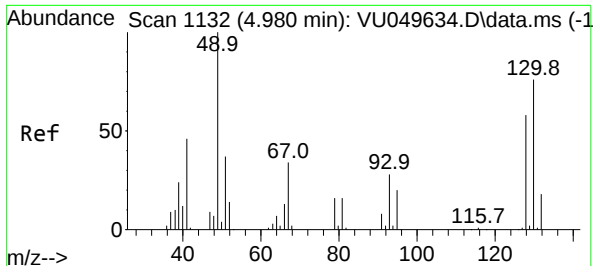


#38
1,2-Dichloropropane
Concen: 1.994 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



Tgt Ion: 63 Resp: 20922
Ion Ratio Lower Upper
63 100
65 32.4 25.0 37.4





#39

Methacrylonitrile

Concen: 1.959 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

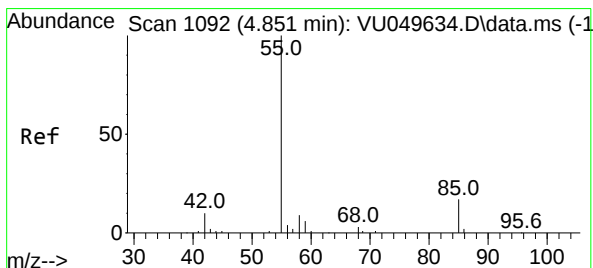
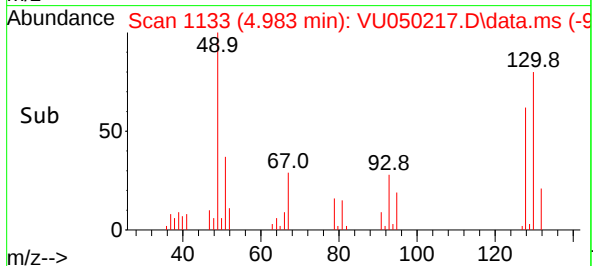
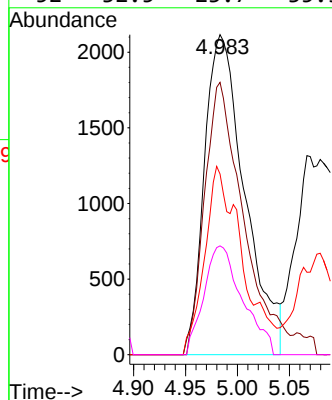
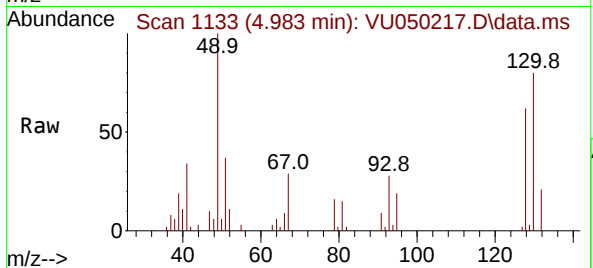
Tgt Ion: 41	Resp: 571
Ion Ratio	Lower Upper
41 100	
67 82.2	59.4 89.0
39 54.9	42.2 63.2
52 32.5	23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 1.945 ug/l

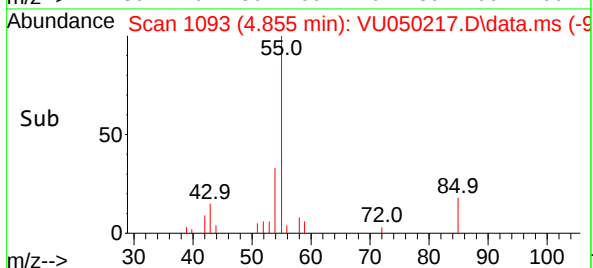
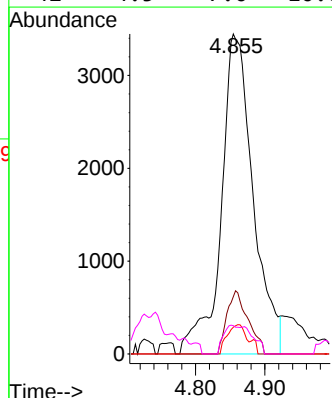
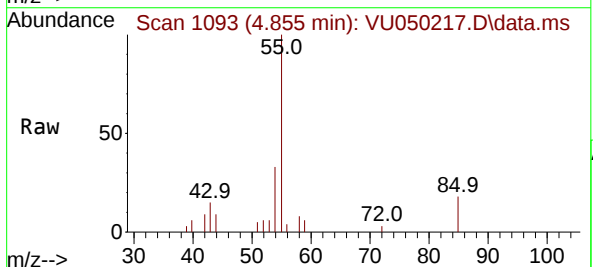
RT: 4.855 min Scan# 1093

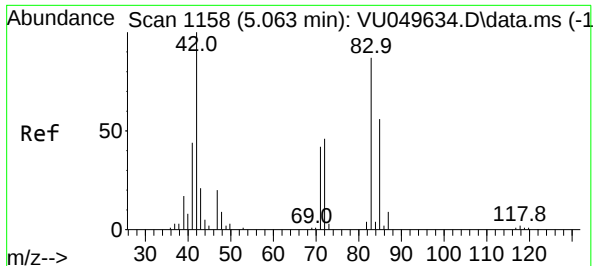
Delta R.T. 0.004 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Tgt Ion: 55	Resp: 11019
Ion Ratio	Lower Upper
55 100	
85 13.2	13.5 20.3#
58 5.2	7.0 10.4#
42 4.5	7.0 10.6#





#41

Tetrahydrofuran

Concen: 3.912 ug/l

RT: 5.080 min Scan# 1158

Delta R.T. 0.017 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

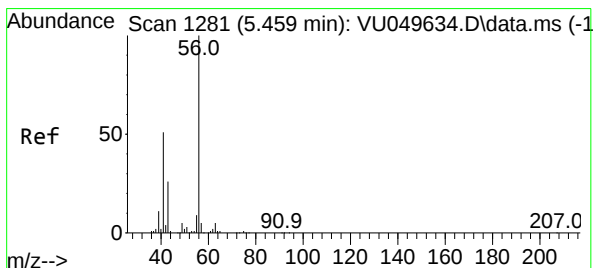
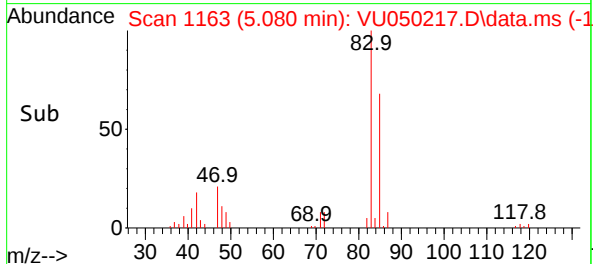
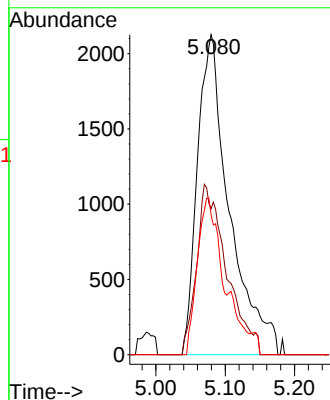
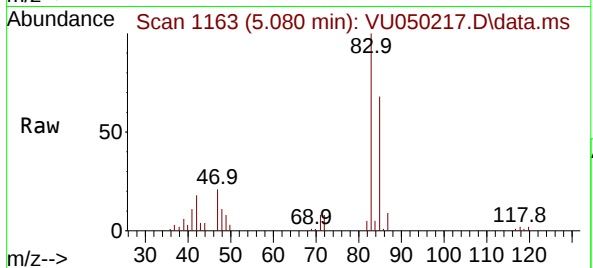
Tgt Ion:	42	Resp:	6809
Ion Ratio	Lower	Upper	
42	100		
72	50.0	38.9	58.3
71	33.9	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#42

1-Chlorobutane

Concen: 1.978 ug/l

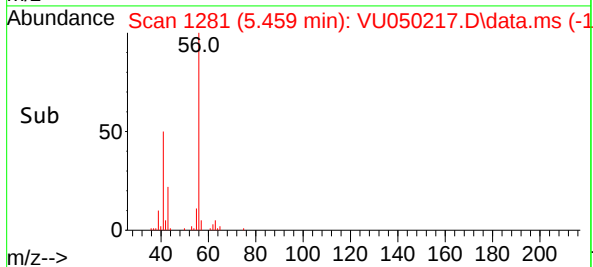
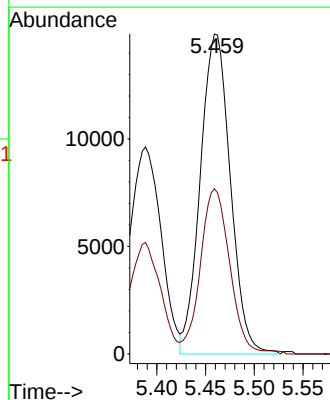
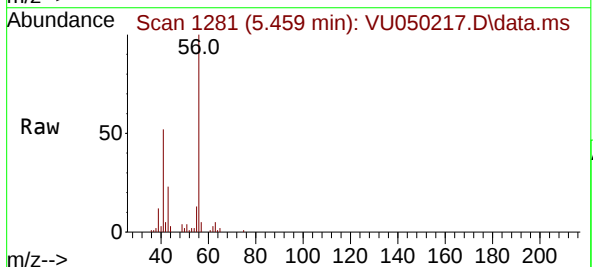
RT: 5.459 min Scan# 1281

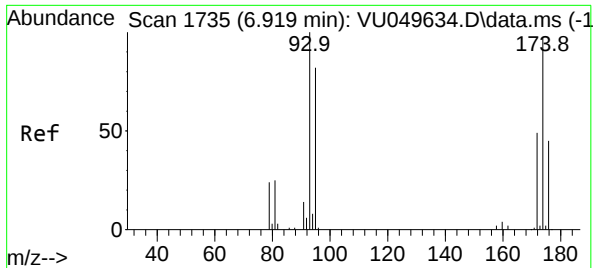
Delta R.T. 0.000 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

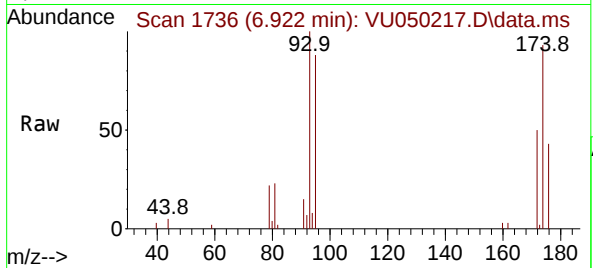
Tgt Ion:	56	Resp:	31907
Ion Ratio	Lower	Upper	
56	100		
41	50.6	26.4	79.2





#43
Dibromomethane
Concen: 1.983 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

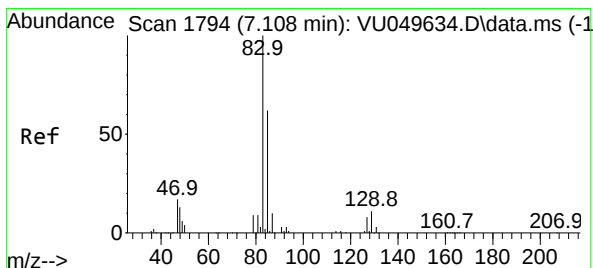
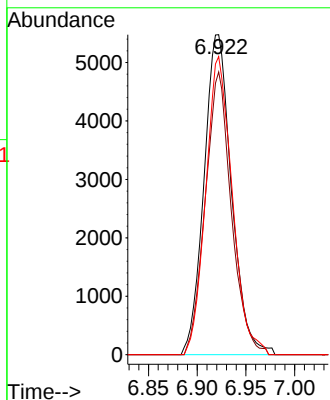
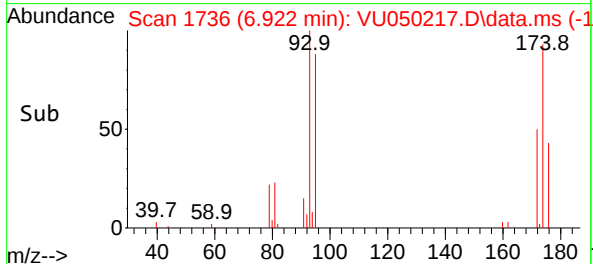
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



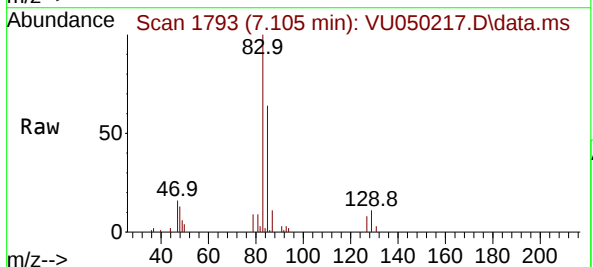
Tgt Ion: 93 Resp: 10770
Ion Ratio Lower Upper
93 100
95 83.4 65.0 97.6
174 89.7 76.3 114.5

Manual Integrations
APPROVED

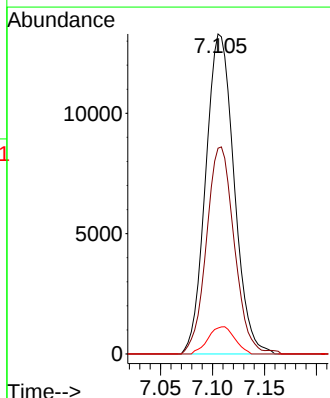
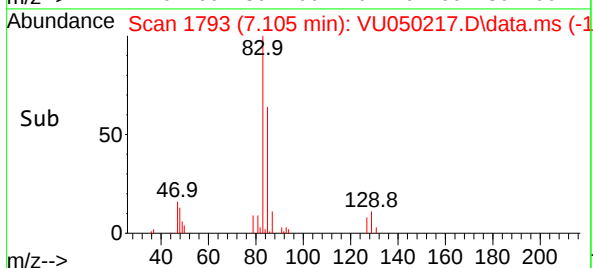
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#44
Bromodichloromethane
Concen: 1.979 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



Tgt Ion: 83 Resp: 25248
Ion Ratio Lower Upper
83 100
85 64.3 49.4 74.0
127 8.1 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.817 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.001 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

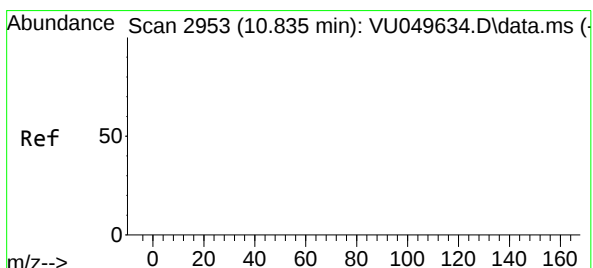
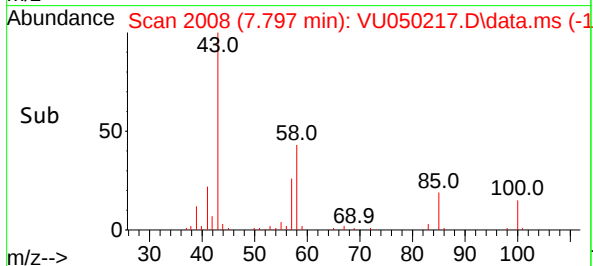
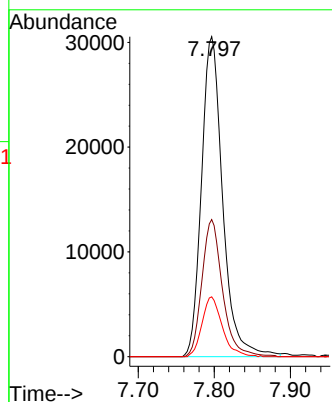
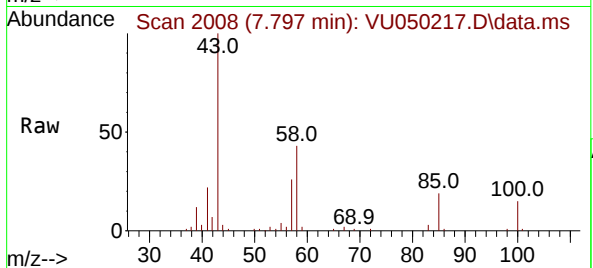
Tgt Ion:	43	Resp:	5918
Ion Ratio	Lower	Upper	
43	100		
58	41.7	20.3	61.0
85	17.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

t-1,4-Dichloro-2-butene

Concen: 6.339 ug/l m

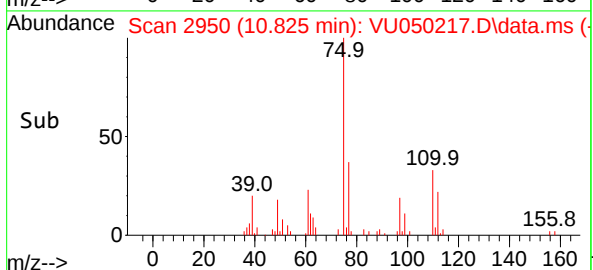
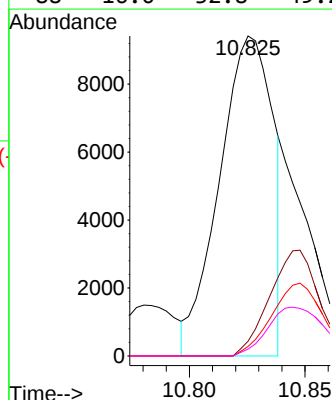
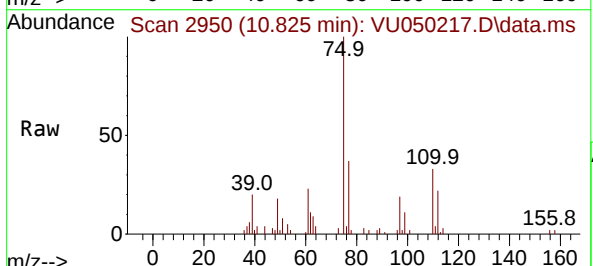
RT: 10.825 min Scan# 2950

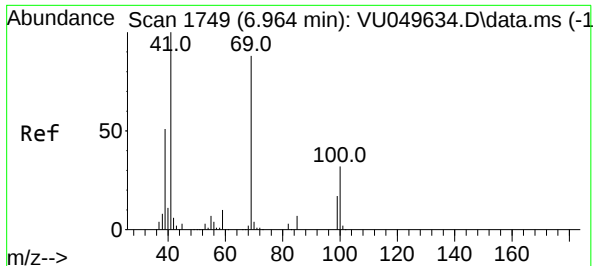
Delta R.T. -0.010 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Tgt Ion:	75	Resp:	15115
Ion Ratio	Lower	Upper	
75	100		
53	31.8	64.4	96.6#
89	22.0	44.2	66.2#
88	16.0	32.8	49.2#





#47

Methyl methacrylate

Concen: 3.930 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU050217.D

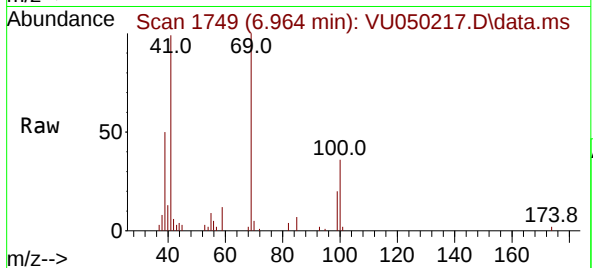
Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01



Tgt Ion: 69 Resp: 1854

Ion Ratio Lower Upper

69 100

41 101.9 0.0 225.4

39 51.3 45.8 68.8

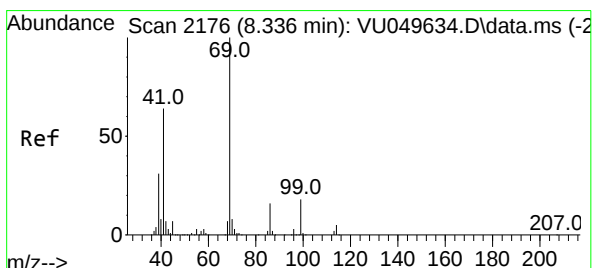
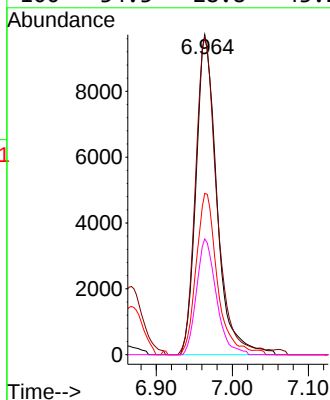
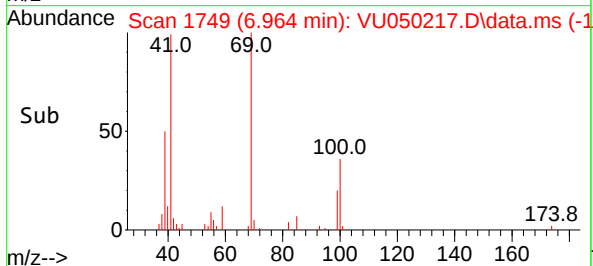
100 34.3 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#48

Ethyl methacrylate

Concen: 1.875 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.001 min

Lab File: VU050217.D

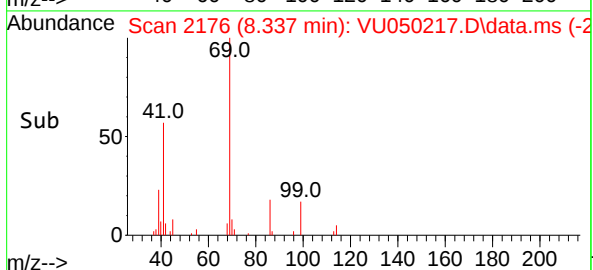
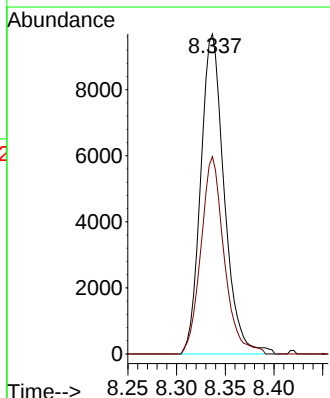
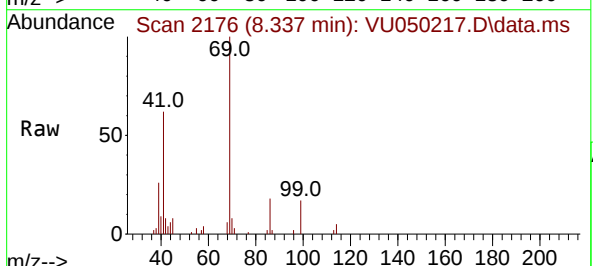
Acq: 10 Aug 2022 14:25

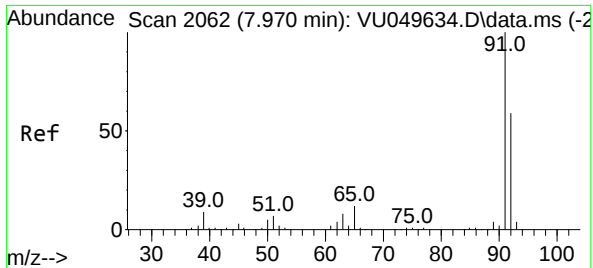
Tgt Ion: 69 Resp: 16228

Ion Ratio Lower Upper

69 100

41 60.9 32.3 96.9





#49

Toluene

Concen: 1.961 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

Tgt Ion: 92 Resp: 42478

Ion Ratio Lower Upper

92 100

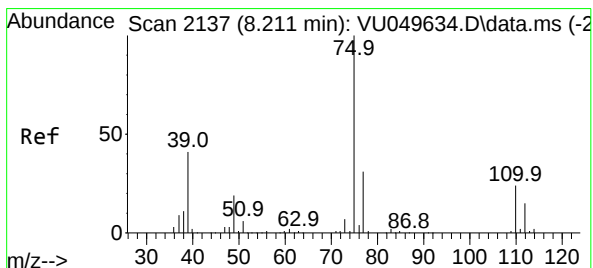
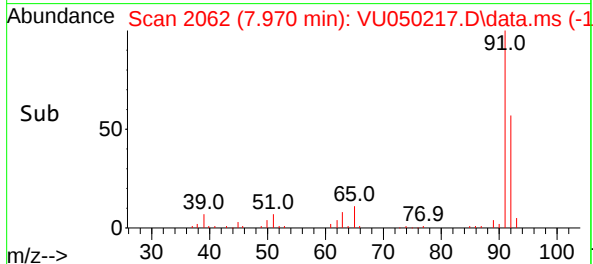
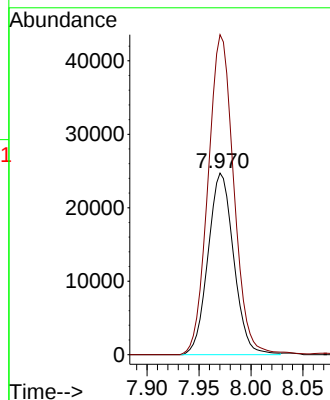
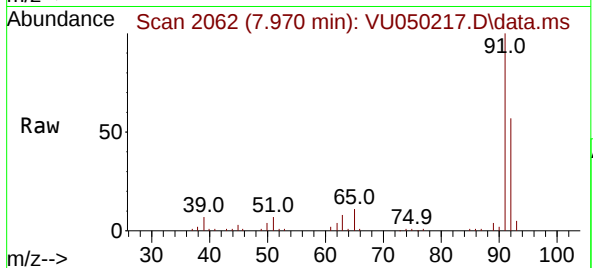
91 177.2 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#50

t-1,3-Dichloropropene

Concen: 1.885 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050217.D

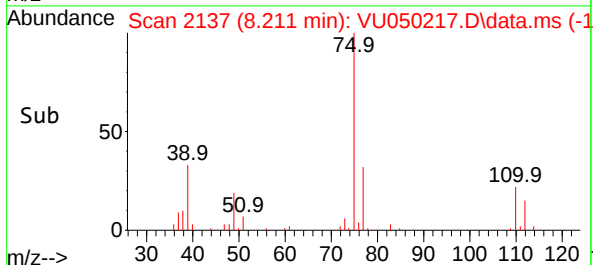
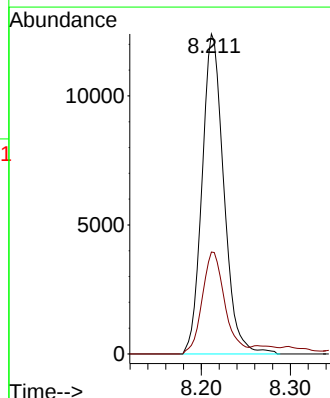
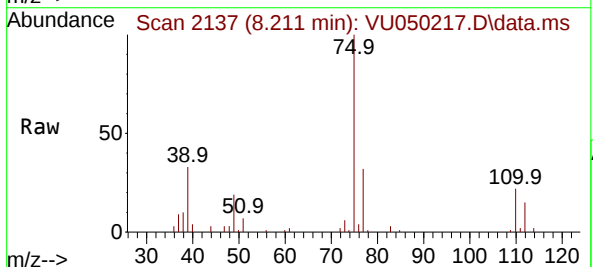
Acq: 10 Aug 2022 14:25

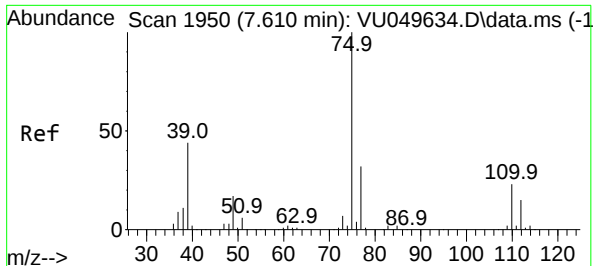
Tgt Ion: 75 Resp: 21059

Ion Ratio Lower Upper

75 100

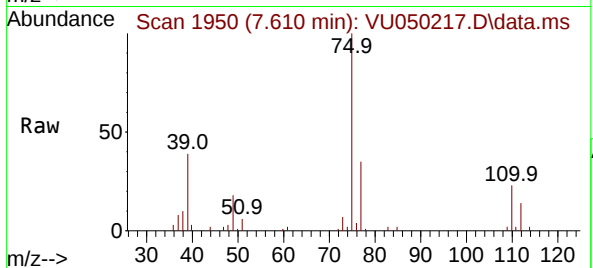
77 31.8 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 1.924 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25

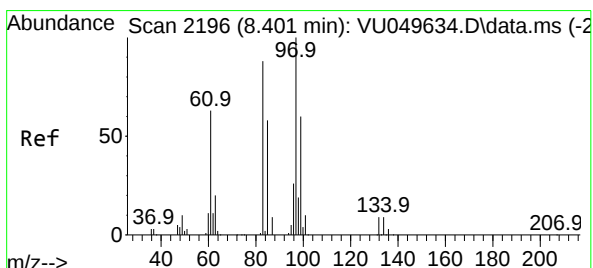
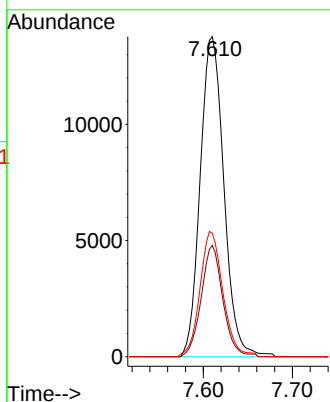
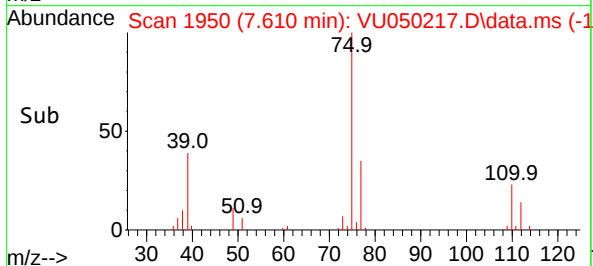
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBSD01



Tgt Ion: 75 Resp: 25410
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.4 38.0
 39 38.6 35.1 52.7

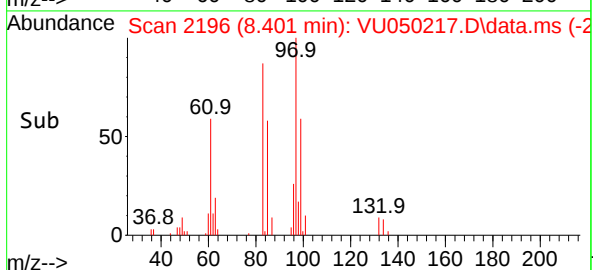
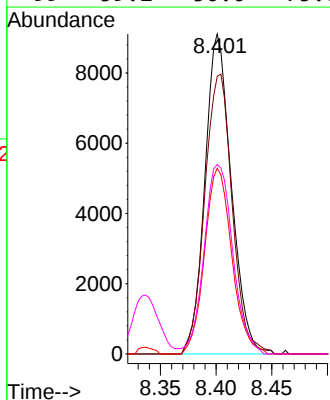
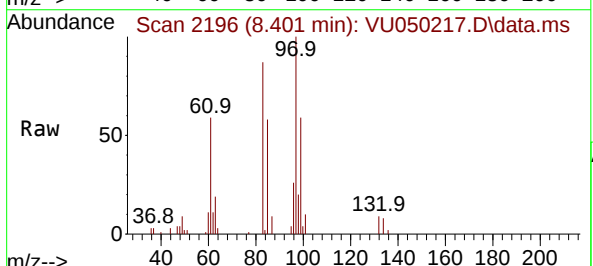
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#52
 1,1,2-Trichloroethane
 Concen: 1.940 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25

Tgt Ion: 97 Resp: 15036
 Ion Ratio Lower Upper
 97 100
 83 86.7 70.6 106.0
 85 58.1 46.2 69.4
 99 59.2 50.0 75.0





#53

1,3-Dichloropropane

Concen: 1.988 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBSD01

Tgt Ion: 76 Resp: 2598

Ion Ratio Lower Upper

76 100

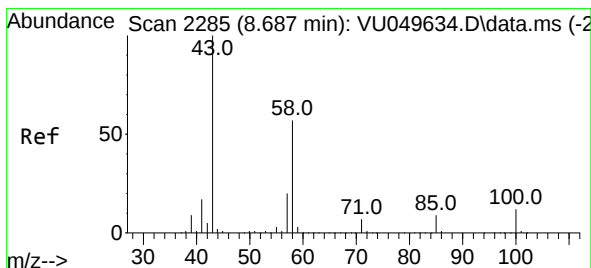
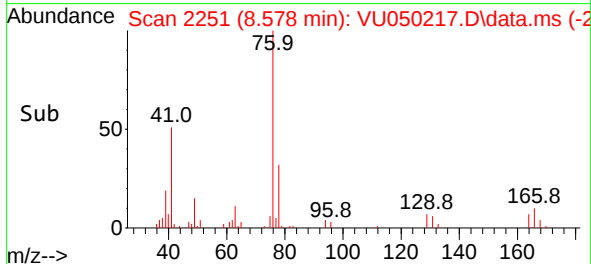
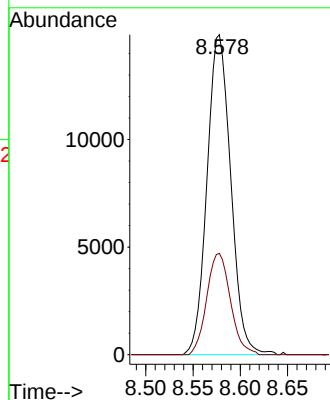
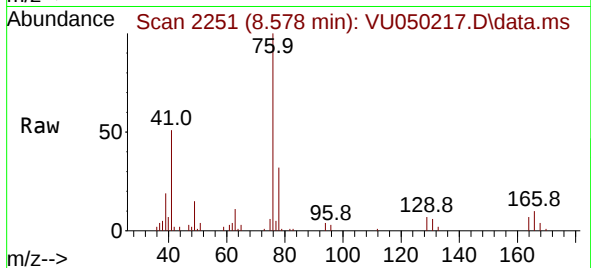
78 31.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 9.498 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU050217.D

Acq: 10 Aug 2022 14:25

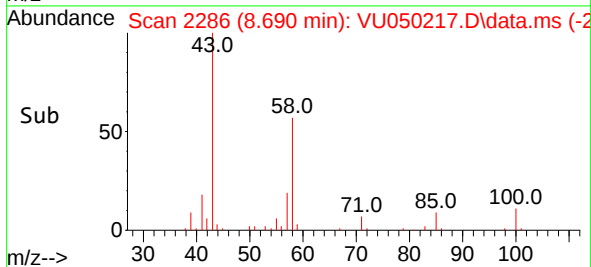
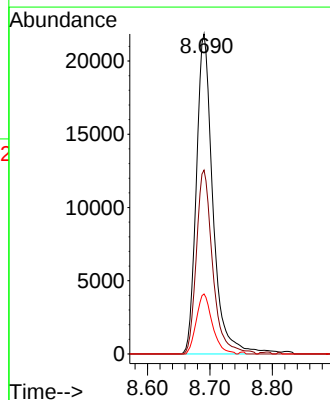
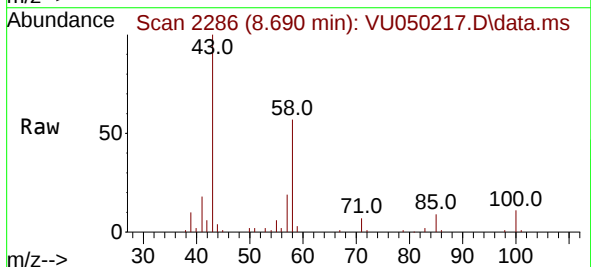
Tgt Ion: 43 Resp: 40399

Ion Ratio Lower Upper

43 100

58 56.3 37.1 77.1

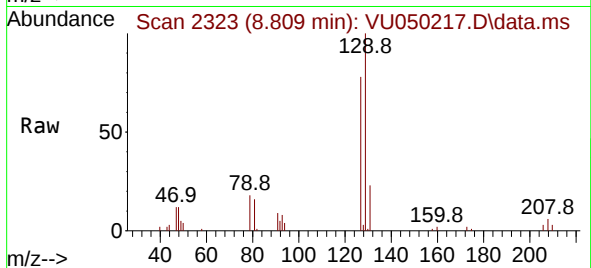
57 18.1 0.0 39.5





#55
 Dibromochloromethane
 Concen: 1.908 ug/l
 RT: 8.809 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25

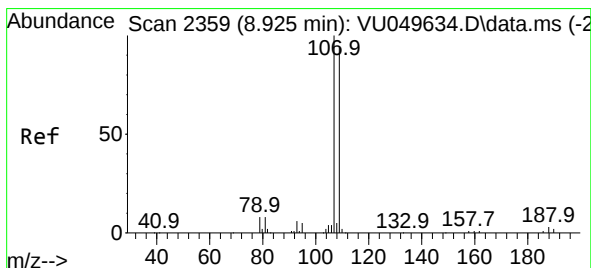
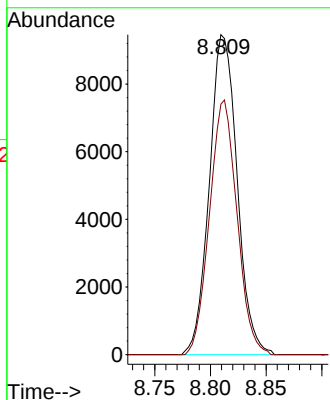
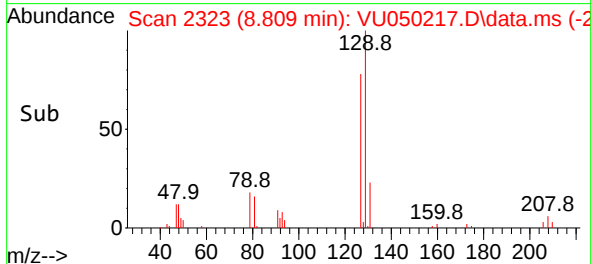
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBSD01



Tgt Ion:129 Resp: 16439
 Ion Ratio Lower Upper
 129 100
 127 78.6 61.2 91.8

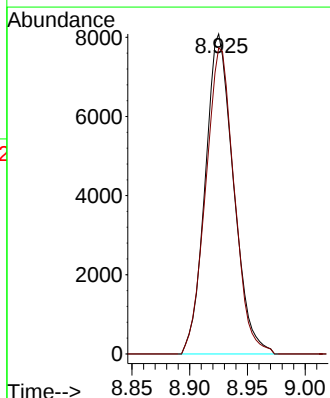
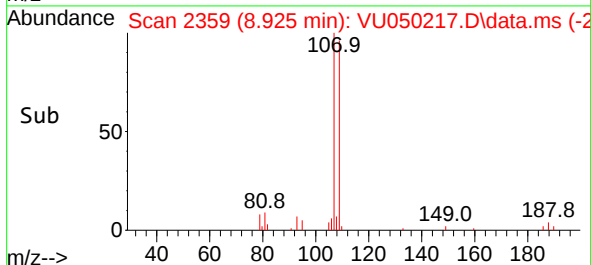
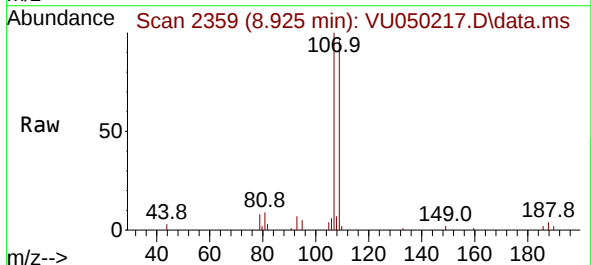
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#56
 1,2-Dibromoethane
 Concen: 1.935 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.000 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25

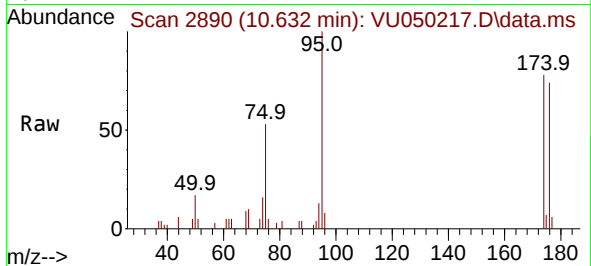
Tgt Ion:107 Resp: 13772
 Ion Ratio Lower Upper
 107 100
 109 96.3 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.895 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

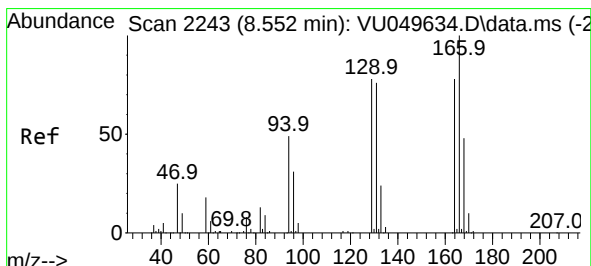
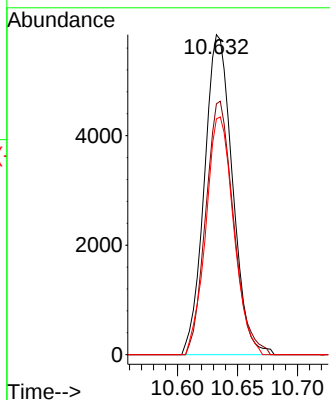
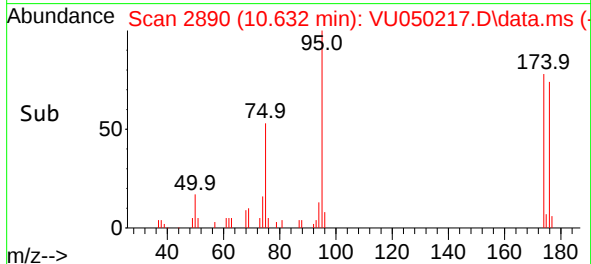
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



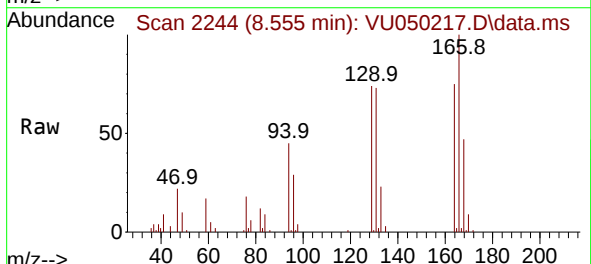
Tgt Ion: 95 Resp: 951
Ion Ratio Lower Upper
95 100
174 78.5 62.4 93.6
176 73.5 56.2 84.2

Manual Integrations
APPROVED

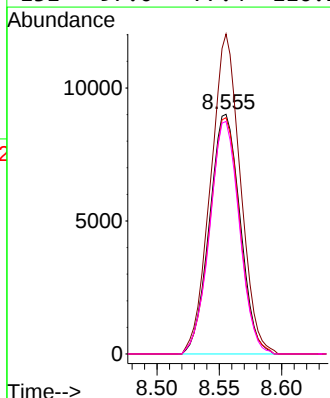
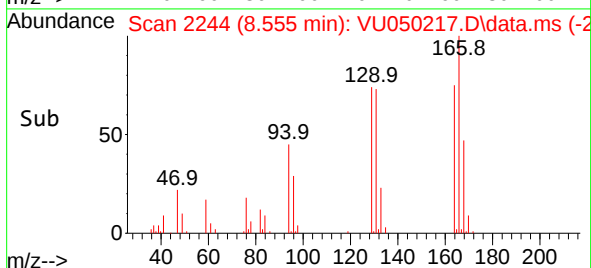
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

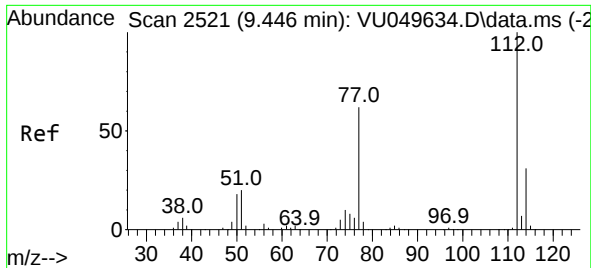


#58
Tetrachloroethene
Concen: 2.003 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



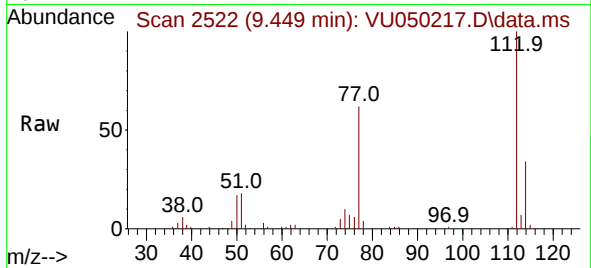
Tgt Ion:164 Resp: 15431
Ion Ratio Lower Upper
164 100
166 133.5 102.4 153.6
129 98.6 79.5 119.3
131 97.0 77.4 116.2





#59
Chlorobenzene
Concen: 1.974 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

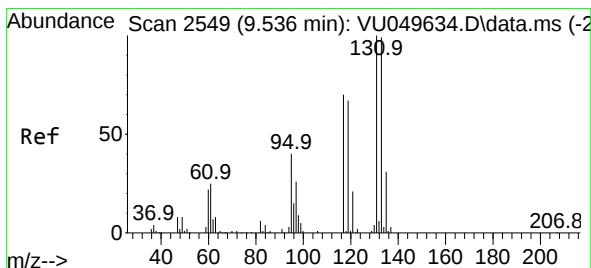
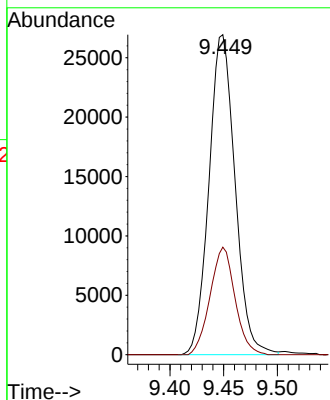
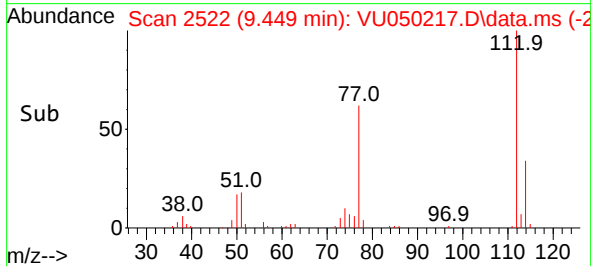
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



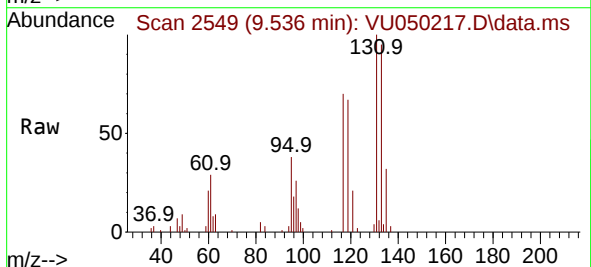
Tgt Ion:112 Resp: 4539
Ion Ratio Lower Upper
112 100
114 33.6 24.9 37.3

Manual Integrations
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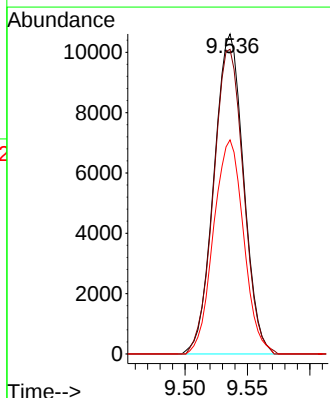
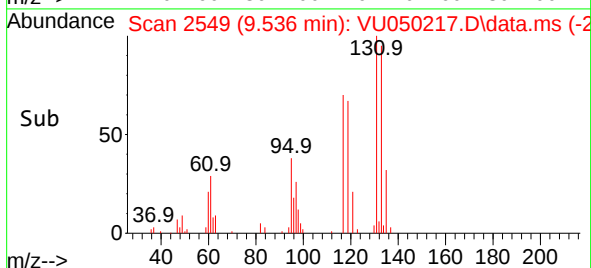
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

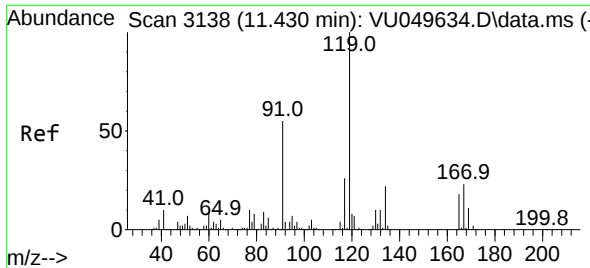


#60
1,1,1,2-Tetrachloroethane
Concen: 1.951 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



Tgt Ion:131 Resp: 17575
Ion Ratio Lower Upper
131 100
133 96.6 78.3 117.5
119 67.9 53.2 79.8





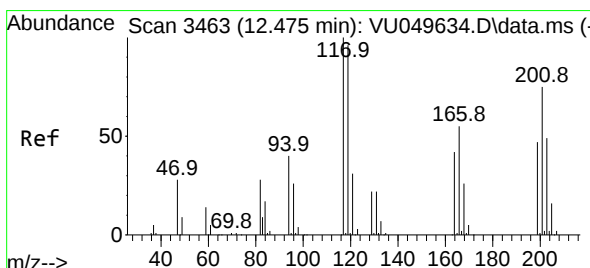
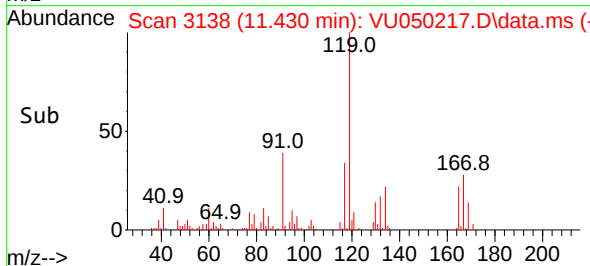
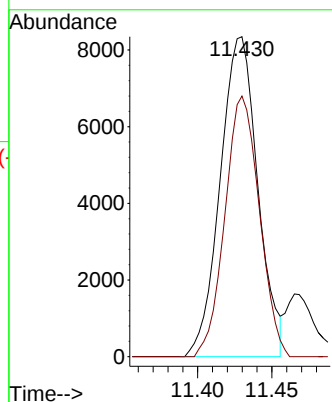
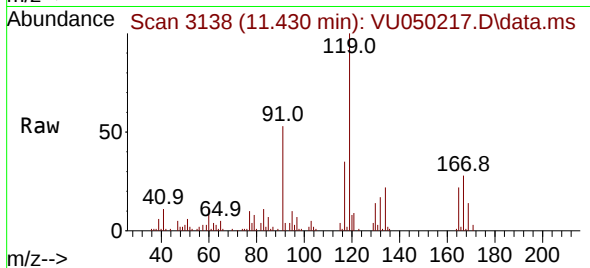
#61
Pentachloroethane
Concen: 2.012 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion:117 Resp: 14710
Ion Ratio Lower Upper
117 100
167 74.6 66.2 99.4

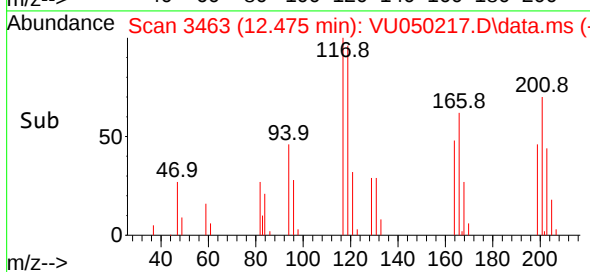
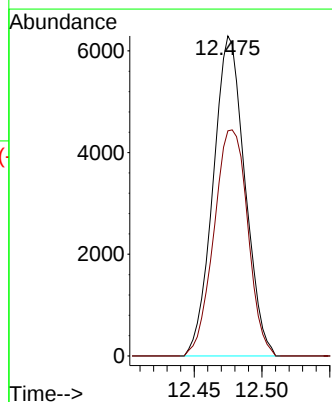
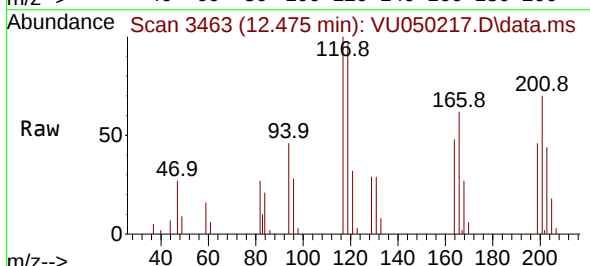
Manual Integrations
APPROVED

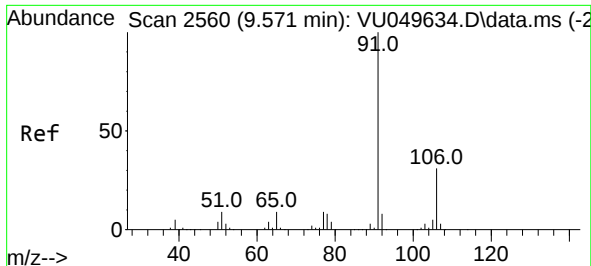
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#62
Hexachloroethane
Concen: 1.777 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion:117 Resp: 10256
Ion Ratio Lower Upper
117 100
201 75.2 61.0 91.4





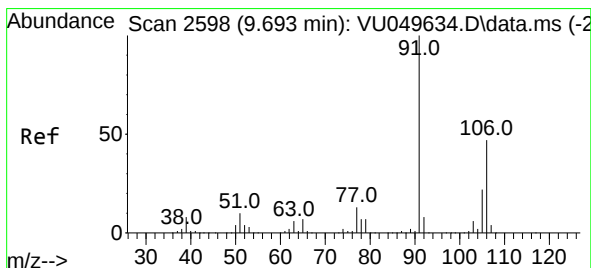
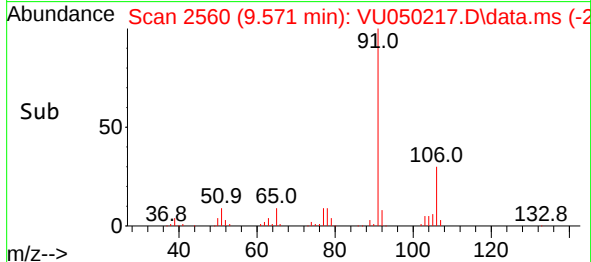
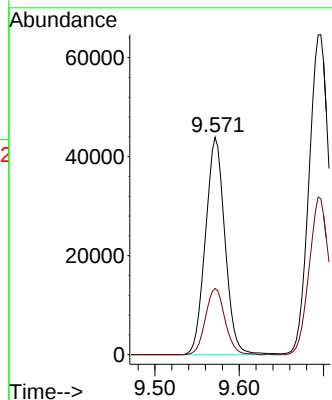
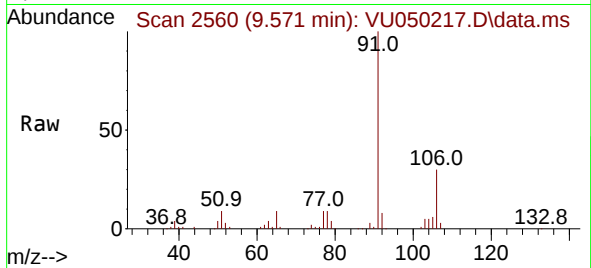
#63
Ethyl Benzene
Concen: 1.897 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion: 91 Resp: 70809
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

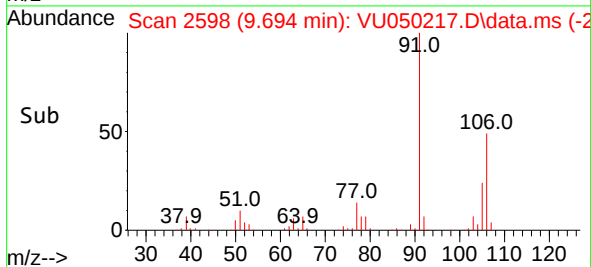
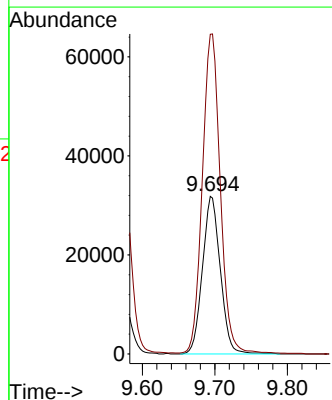
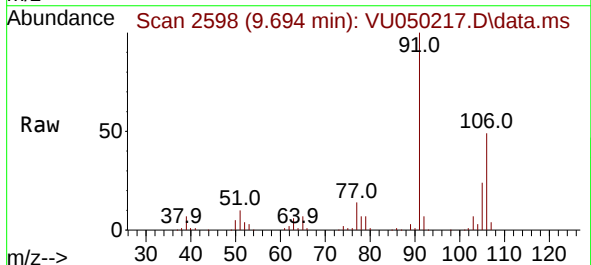
Manual Integrations
APPROVED

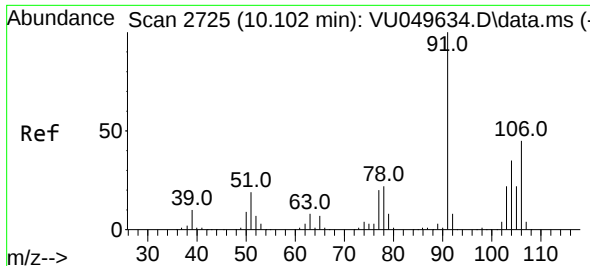
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#64
m/p-Xylenes
Concen: 3.843 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion:106 Resp: 54496
Ion Ratio Lower Upper
106 100
91 203.9 167.8 251.6





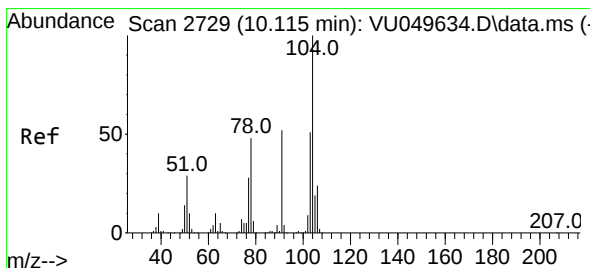
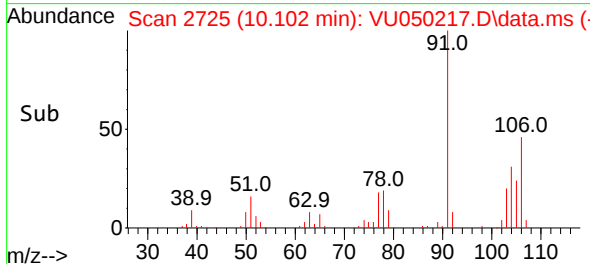
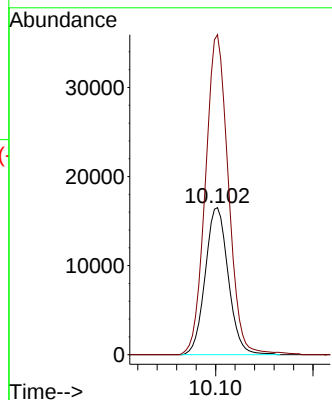
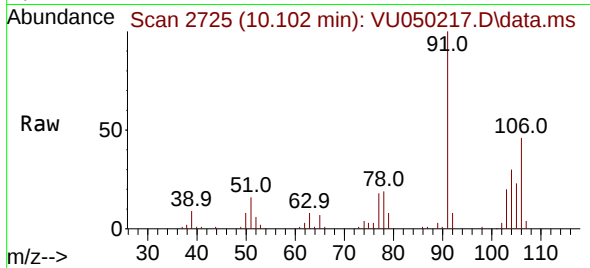
#65
o-Xylene
Concen: 1.959 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion:106 Resp: 27134
Ion Ratio Lower Upper
106 100
91 217.5 111.1 333.2

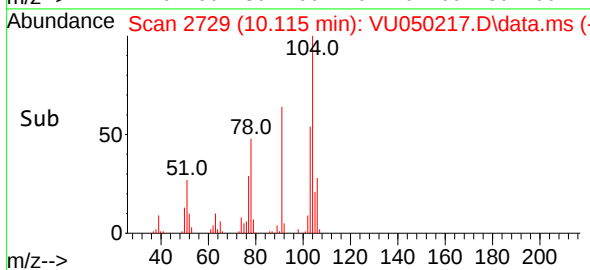
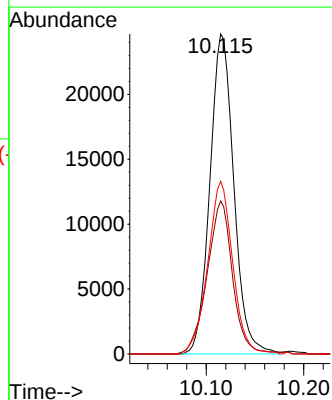
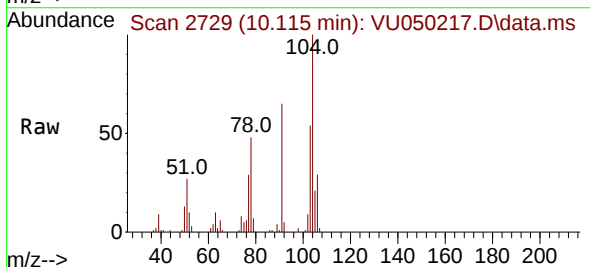
Manual Integrations
APPROVED

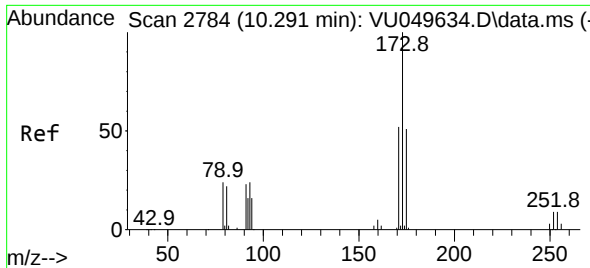
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 1.905 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

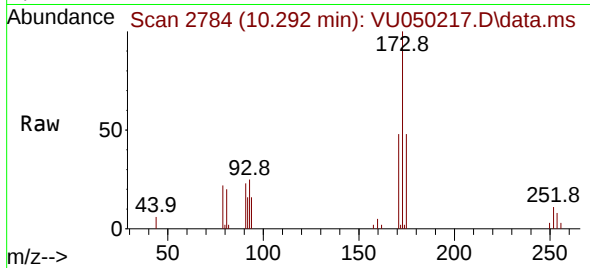
Tgt Ion:104 Resp: 42116
Ion Ratio Lower Upper
104 100
78 50.5 42.1 63.1
103 56.1 44.5 66.7





#67
Bromoform
Concen: 1.941 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

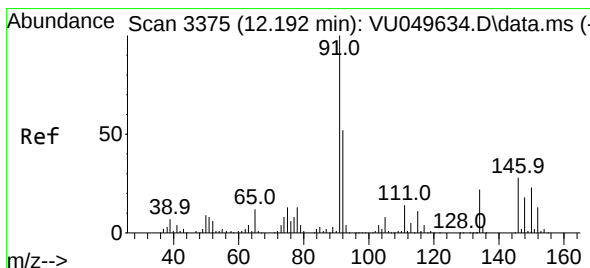
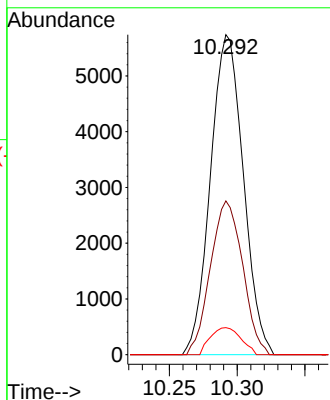
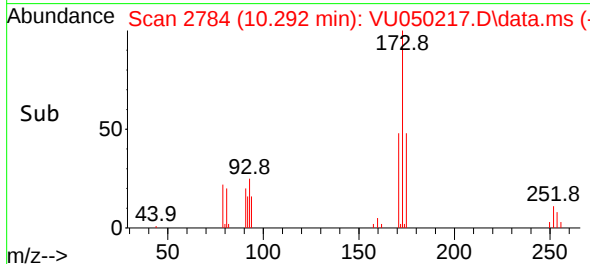
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



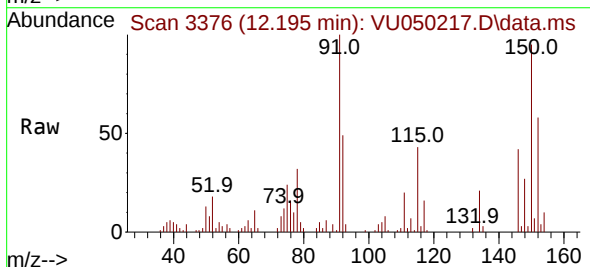
Tgt Ion:173 Resp: 966
Ion Ratio Lower Upper
173 100
175 47.1 38.4 57.6
254 7.9 7.7 11.5

Manual Integrations
APPROVED

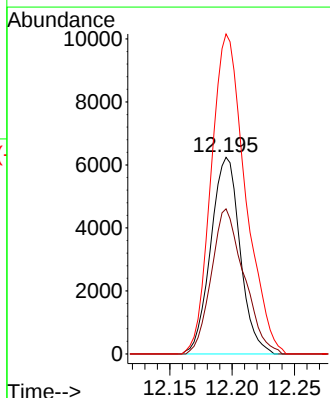
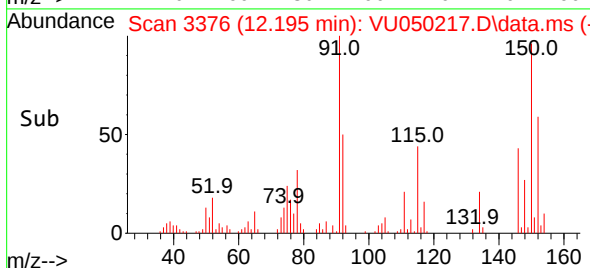
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

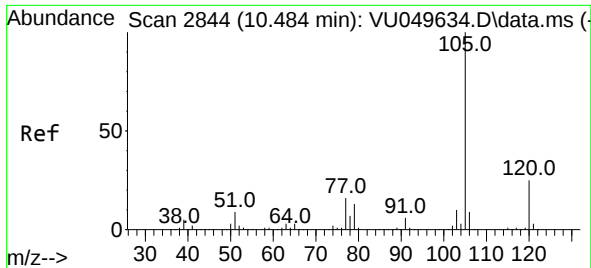


#68
1,2-Dichlorobenzene-d4
Concen: 0.951 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



Tgt Ion:152 Resp: 10226
Ion Ratio Lower Upper
152 100
115 82.1 0.0 254.6
150 189.6 0.0 623.6





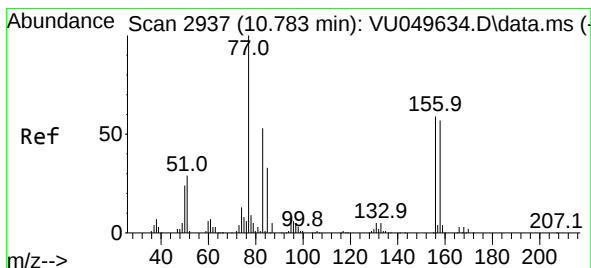
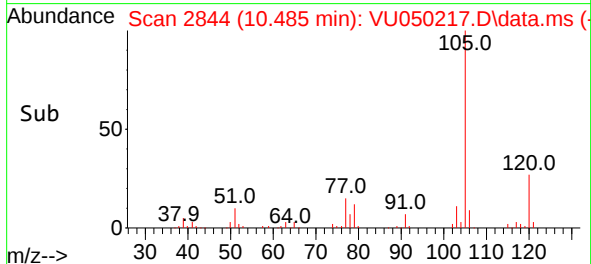
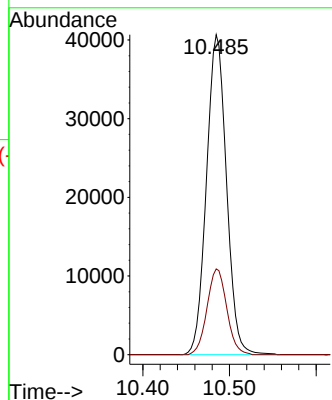
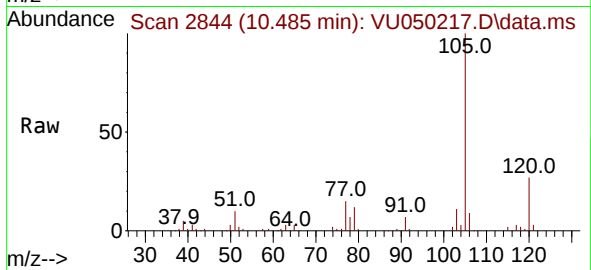
#69
Isopropylbenzene
Concen: 1.889 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion:105 Resp: 65339
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.8

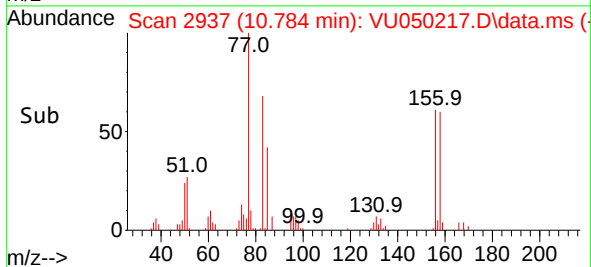
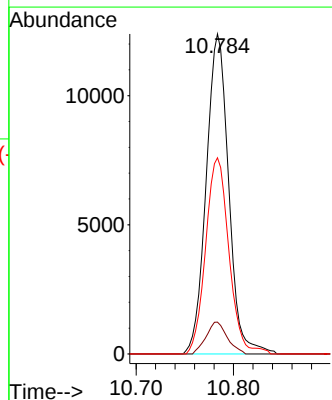
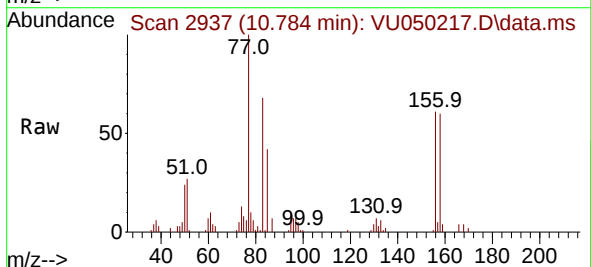
Manual Integrations
APPROVED

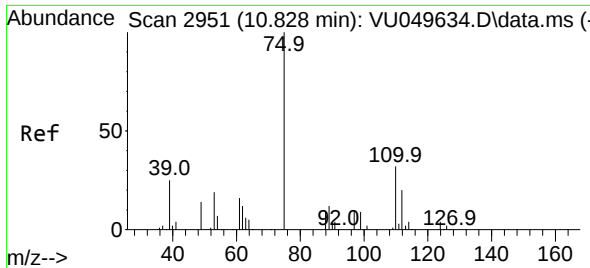
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.902 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

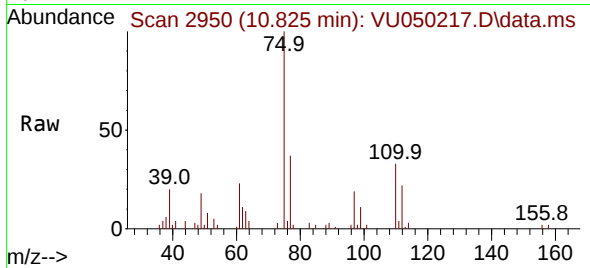
Tgt Ion: 83 Resp: 19836
Ion Ratio Lower Upper
83 100
131 9.4 7.7 11.5
85 63.6 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 1.974 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

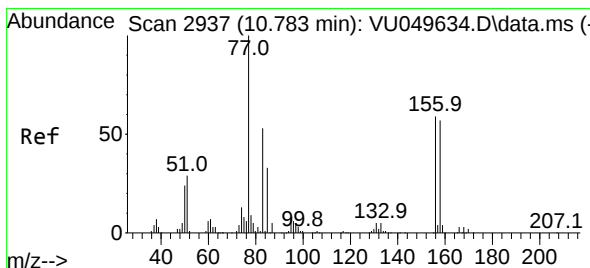
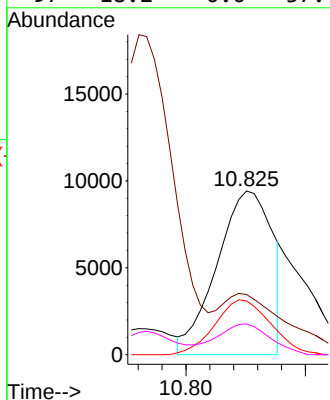
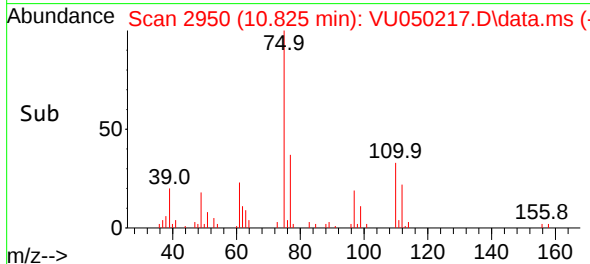
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



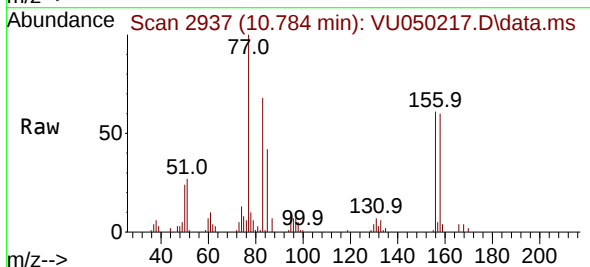
Tgt Ion:	75	Resp:	1511
Ion Ratio	Lower	Upper	
75	100		
77	43.8	0.0	112.4
110	34.0	0.0	70.6
97	18.2	0.0	37.4

Manual Integrations
APPROVED

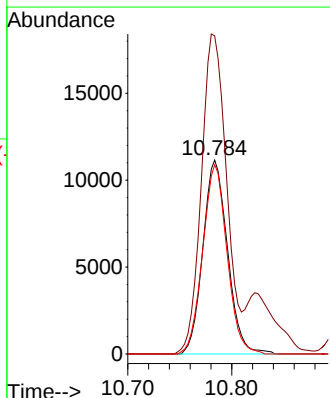
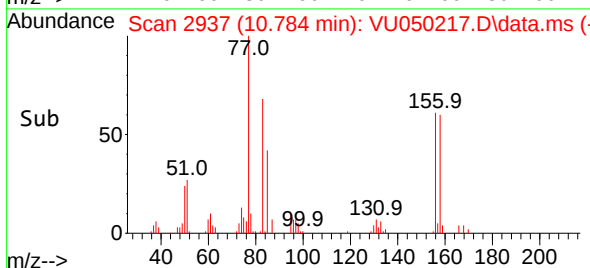
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

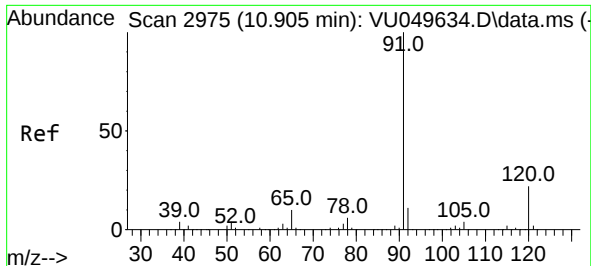


#72
Bromobenzene
Concen: 1.948 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



Tgt Ion:	156	Resp:	18369
Ion Ratio	Lower	Upper	
156	100		
77	167.8	0.0	344.4
158	96.4	0.0	192.2





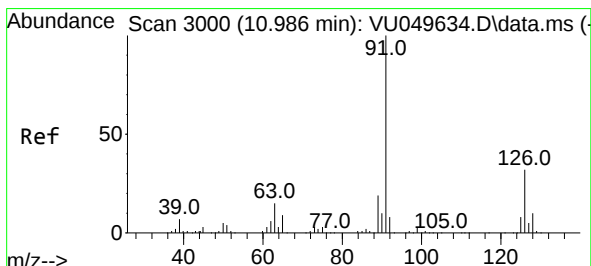
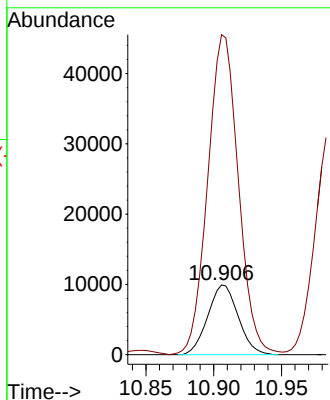
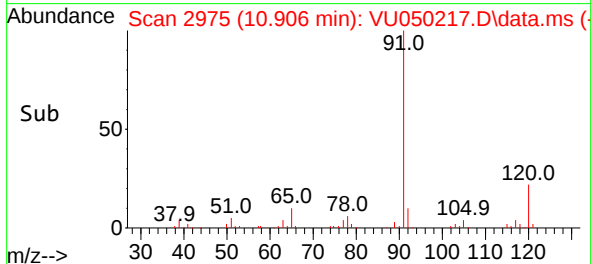
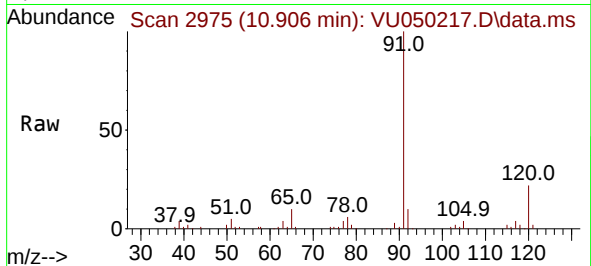
#73
n-propylbenzene
Concen: 1.801 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion:120 Resp: 15470
Ion Ratio Lower Upper
120 100
91 462.8 367.8 551.6

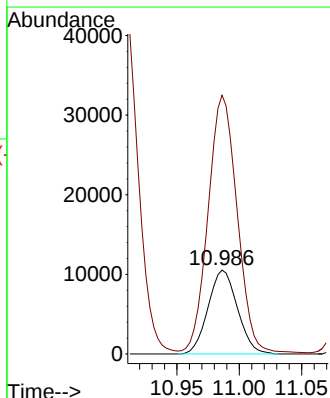
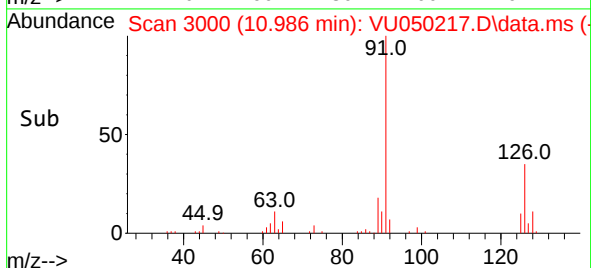
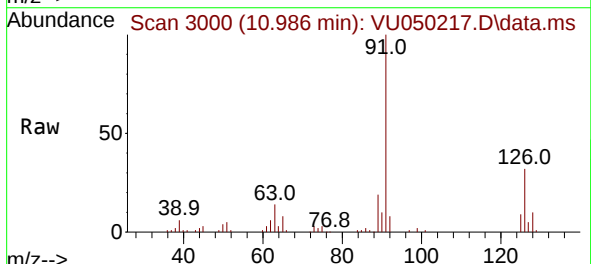
Manual Integrations
APPROVED

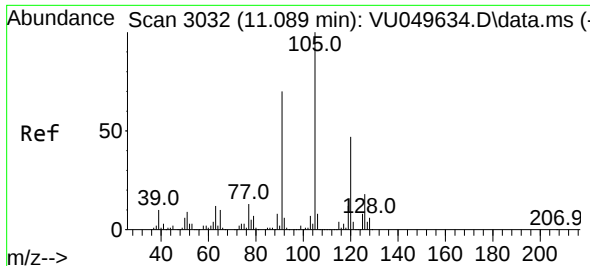
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 1.954 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

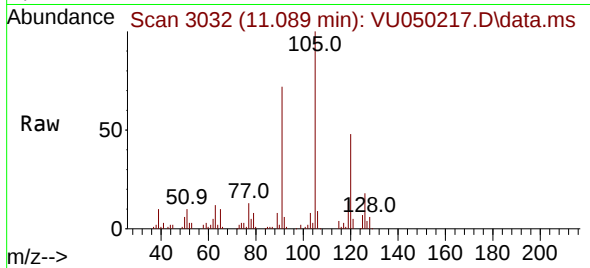
Tgt Ion:126 Resp: 17234
Ion Ratio Lower Upper
126 100
91 306.4 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 1.871 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

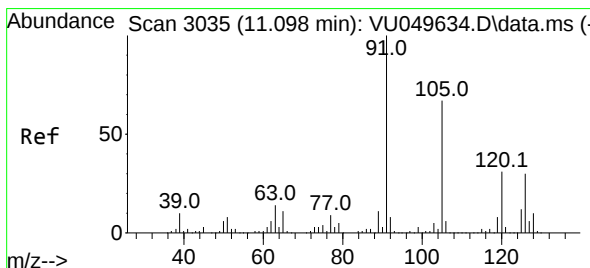
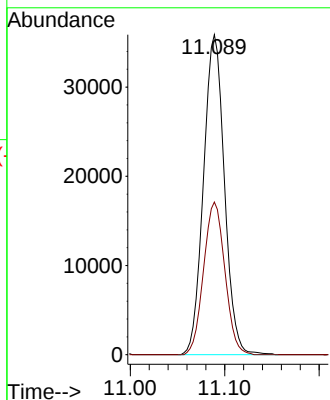
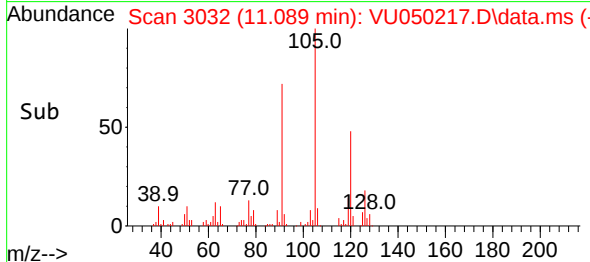
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



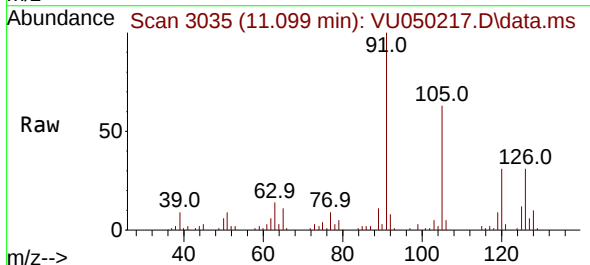
Tgt Ion:105 Resp: 55190
Ion Ratio Lower Upper
105 100
120 48.5 37.6 56.4

Manual Integrations
APPROVED

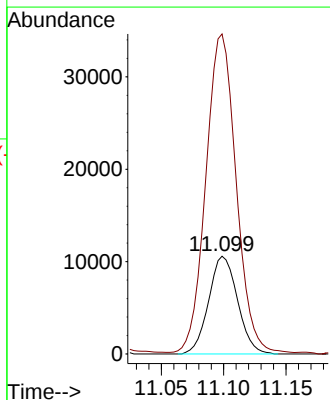
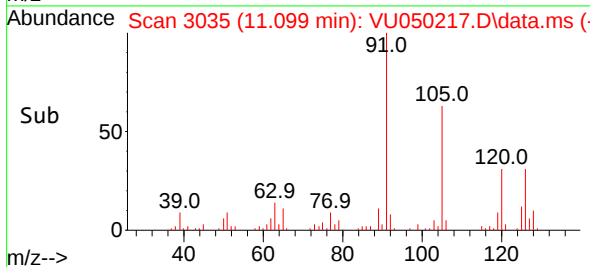
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

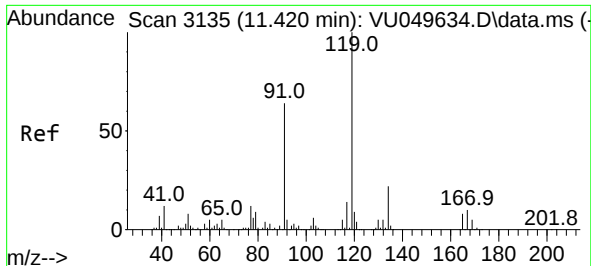


#76
4-Chlorotoluene
Concen: 1.956 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



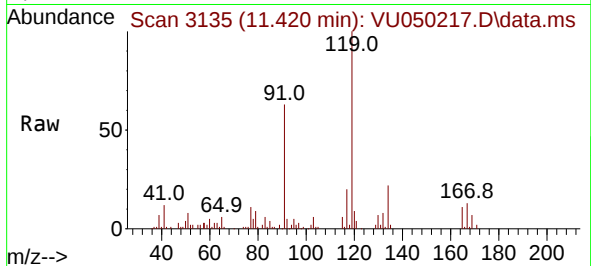
Tgt Ion:126 Resp: 17070
Ion Ratio Lower Upper
126 100
91 341.5 0.0 738.8





#77
tert-Butylbenzene
Concen: 1.887 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

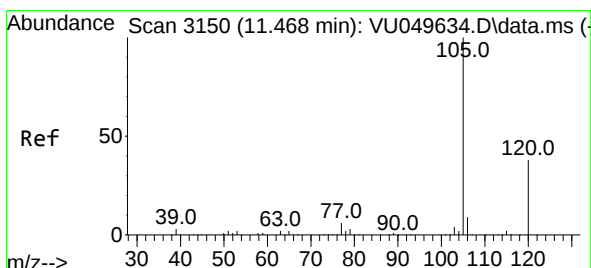
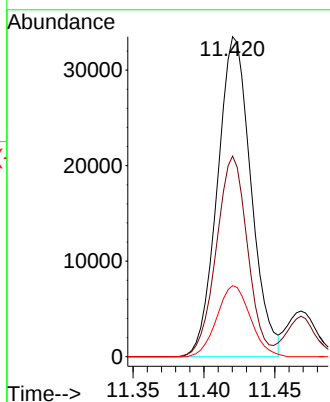
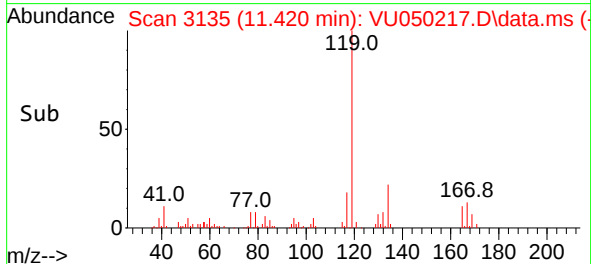
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



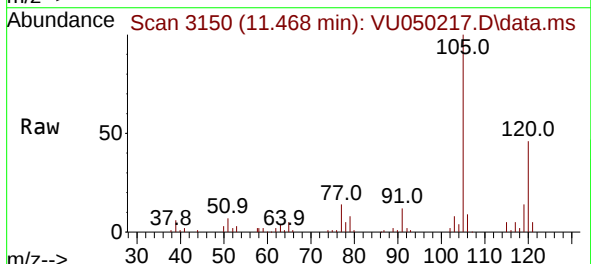
Tgt Ion:119 Resp: 55220
Ion Ratio Lower Upper
119 100
91 58.4 30.4 91.3
134 22.2 17.8 26.6

Manual Integrations
APPROVED

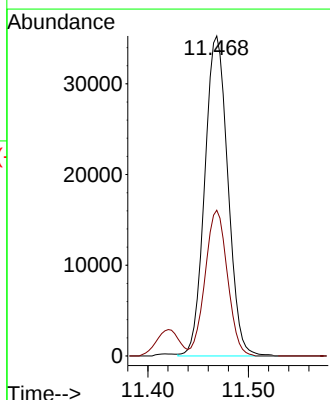
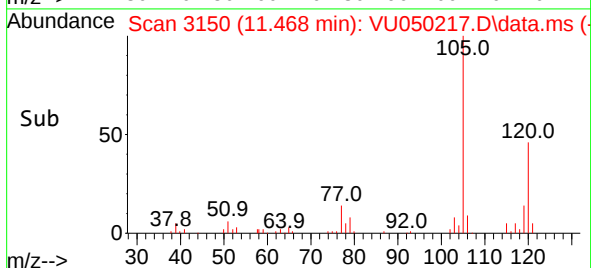
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

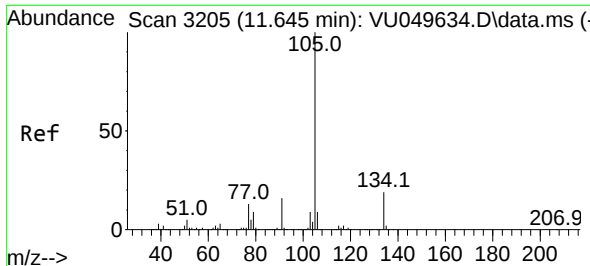


#78
1,2,4-Trimethylbenzene
Concen: 1.875 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



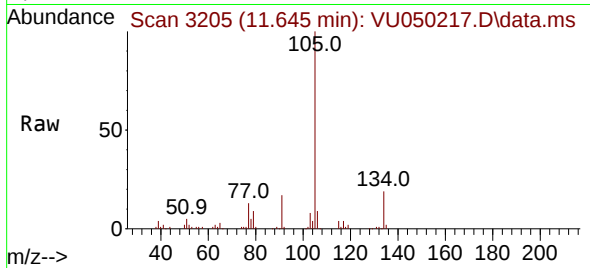
Tgt Ion:105 Resp: 56383
Ion Ratio Lower Upper
105 100
120 44.0 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 1.868 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25

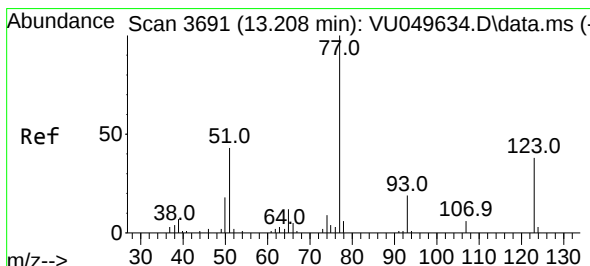
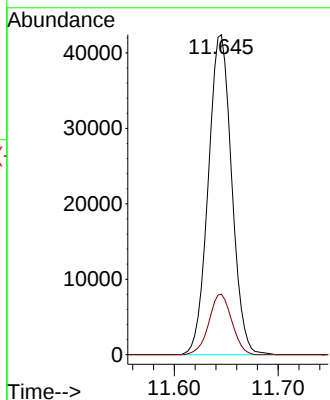
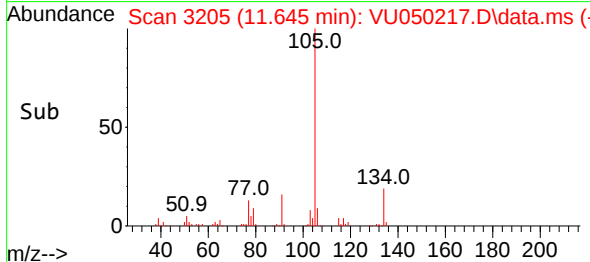
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBSD01



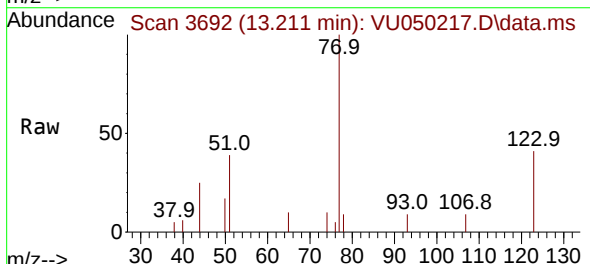
Tgt Ion:105 Resp: 6640
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.0

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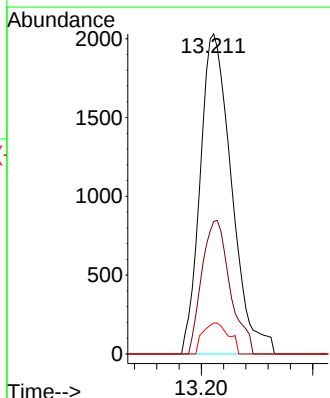
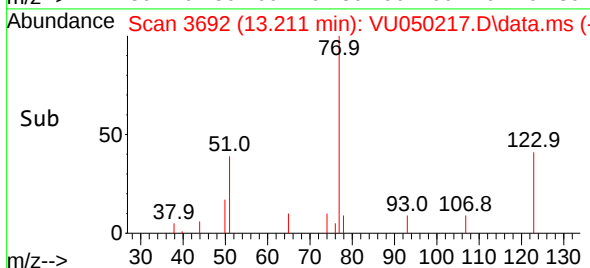
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

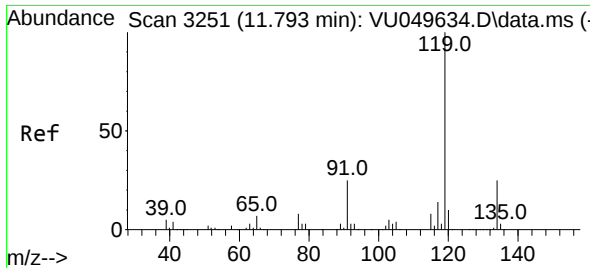


#80
 Nitrobenzene
 Concen: 9.732 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU050217.D
 Acq: 10 Aug 2022 14:25



Tgt Ion: 77 Resp: 3976
 Ion Ratio Lower Upper
 77 100
 123 37.4 18.1 64.3
 65 8.0 10.8 13.8#





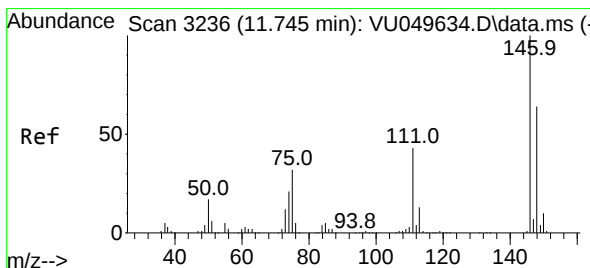
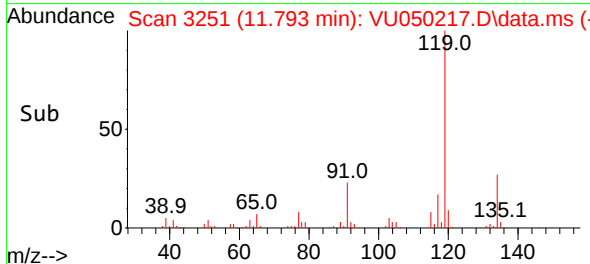
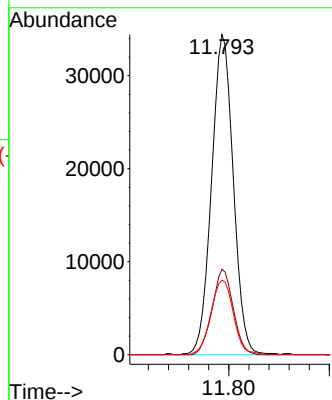
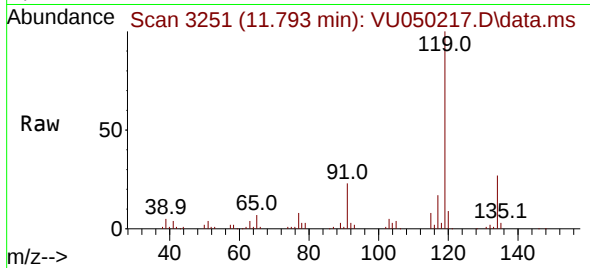
#81
p-Isopropyltoluene
Concen: 1.831 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion:119 Resp: 5158
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 24.1 19.8 29.6

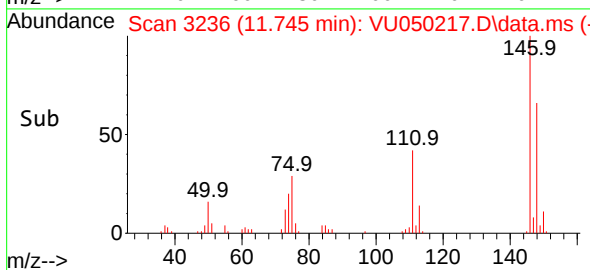
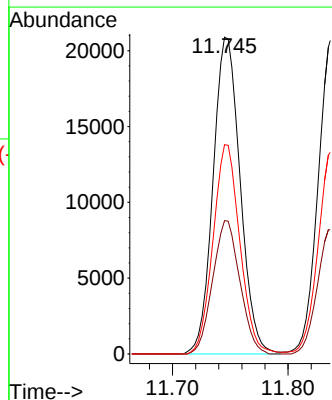
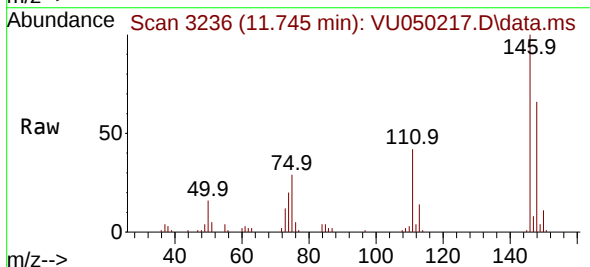
Manual Integrations
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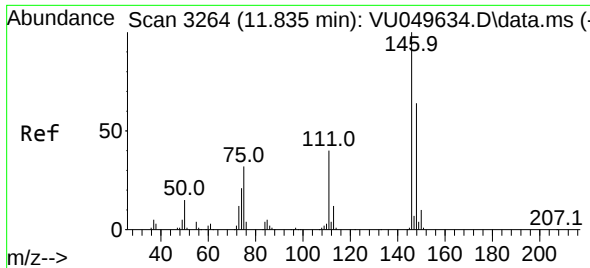
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
1,3-Dichlorobenzene
Concen: 1.901 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Tgt Ion:146 Resp: 34002
Ion Ratio Lower Upper
146 100
111 42.2 33.4 50.2
148 65.5 51.2 76.8





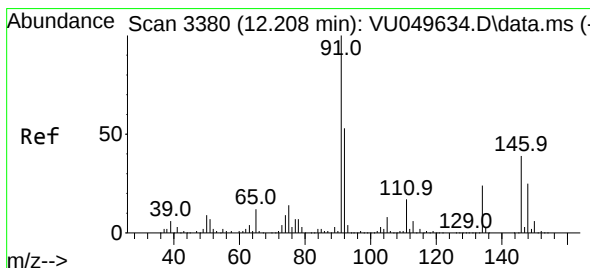
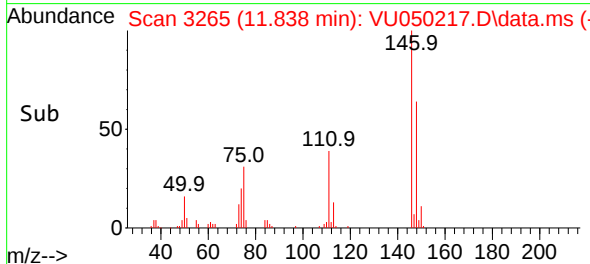
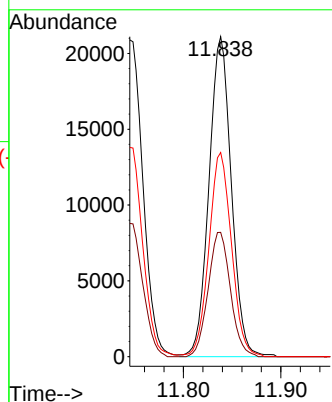
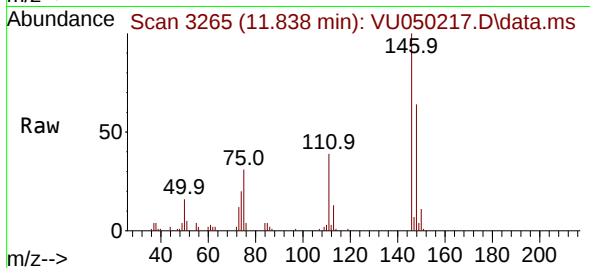
#83
1,4-Dichlorobenzene
Concen: 1.939 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Tgt Ion:146 Resp: 3368
Ion Ratio Lower Upper
146 100
111 38.7 32.6 49.0
148 64.6 51.6 77.4

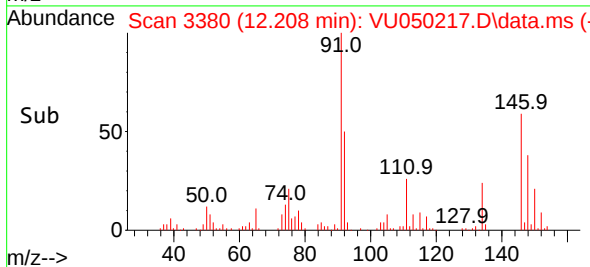
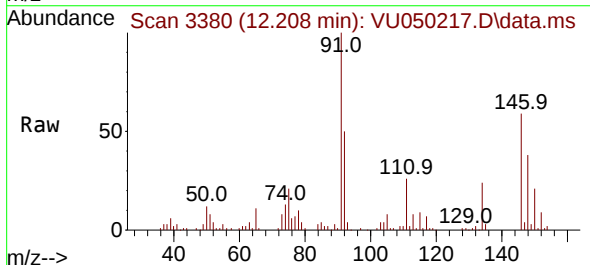
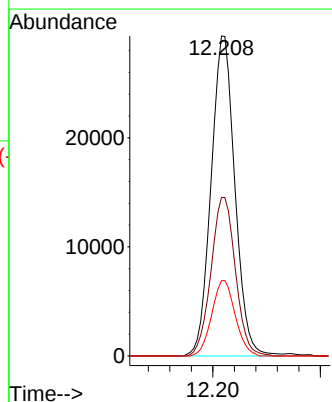
Manual Integrations
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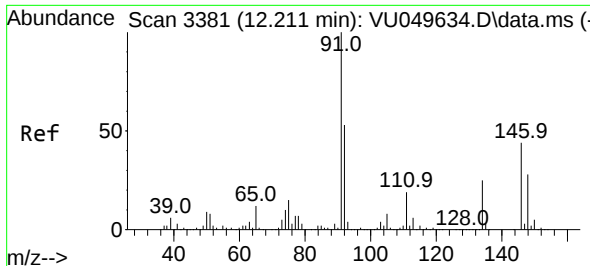
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#84
n-Butylbenzene
Concen: 1.839 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

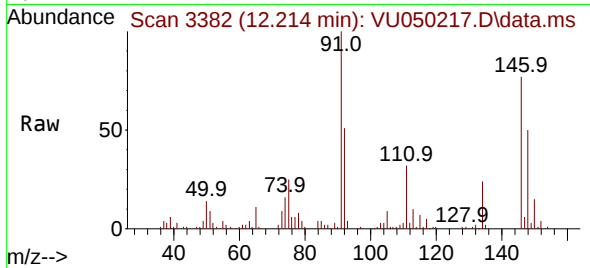
Tgt Ion: 91 Resp: 45060
Ion Ratio Lower Upper
91 100
92 50.8 42.3 63.5
134 23.2 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 1.907 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

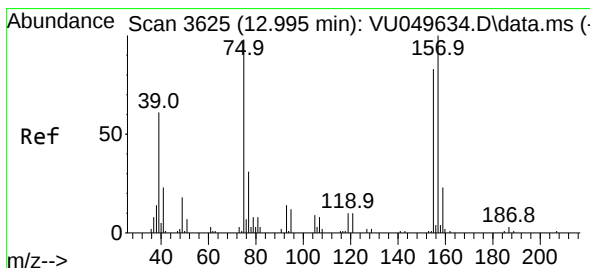
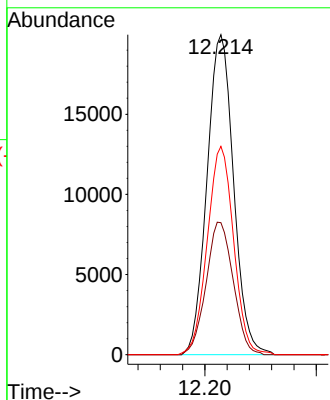
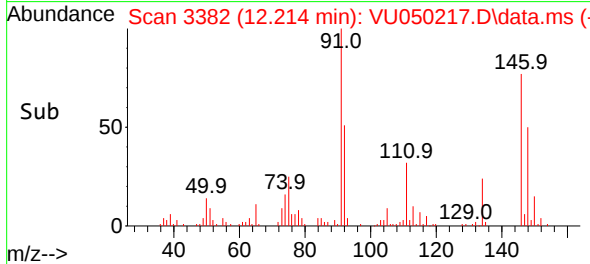
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



Tgt Ion:146 Resp: 33072
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 64.6 32.1 96.3

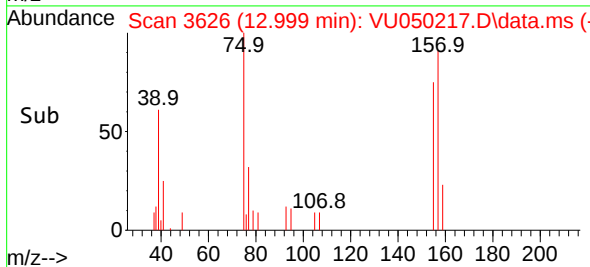
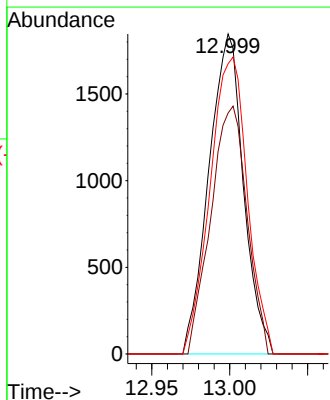
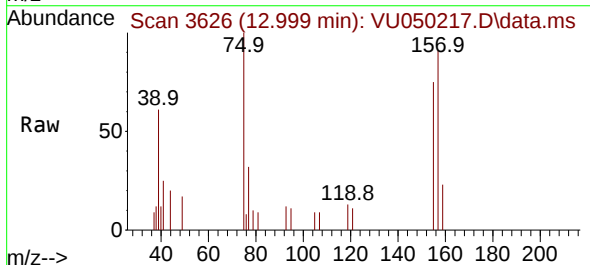
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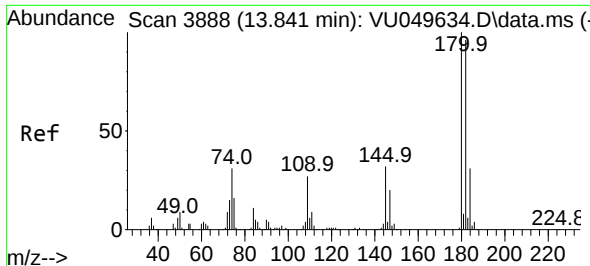
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.782 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.004 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

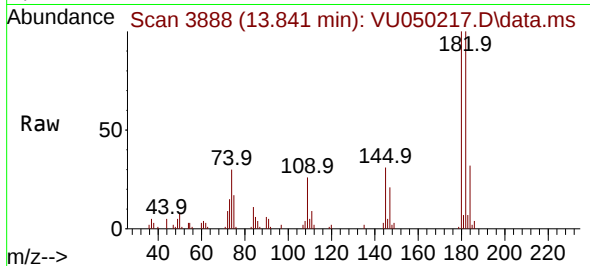
Tgt Ion: 75 Resp: 2852
Ion Ratio Lower Upper
75 100
155 81.1 66.8 100.2
157 100.1 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 1.890 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

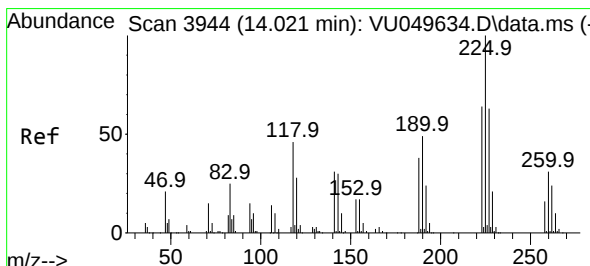
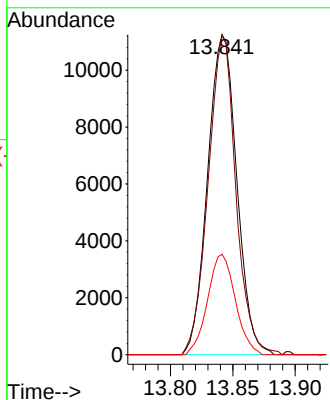
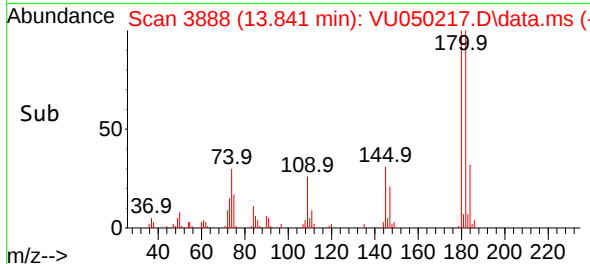
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



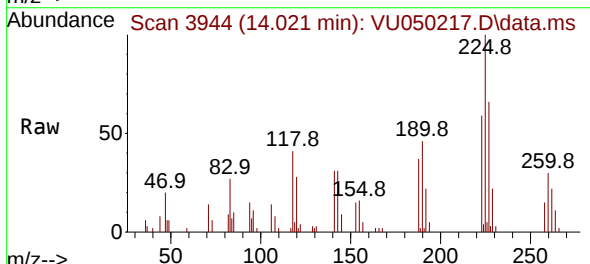
Tgt Ion:180 Resp: 1832
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.6
145 29.8 25.7 38.5

Manual Integrations
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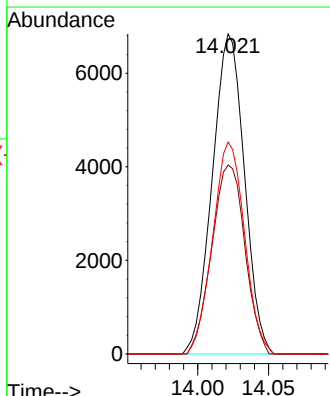
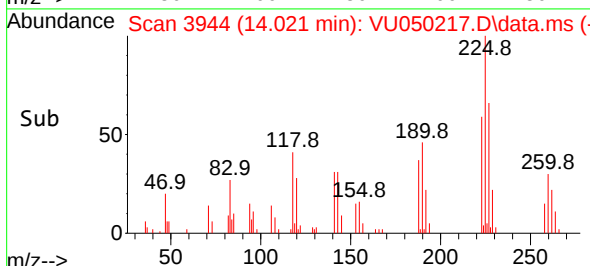
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

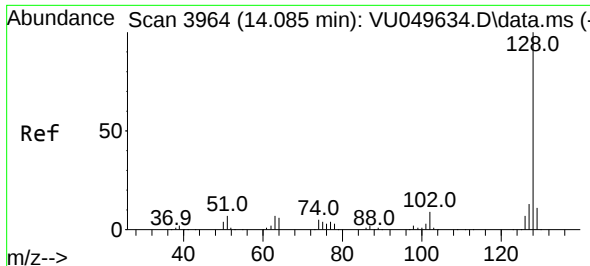


#88
Hexachlorobutadiene
Concen: 1.901 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



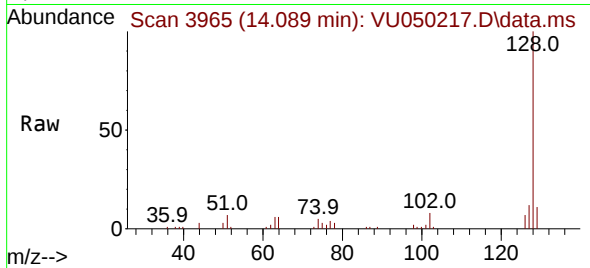
Tgt Ion:225 Resp: 10780
Ion Ratio Lower Upper
225 100
223 60.8 50.6 76.0
227 65.7 50.7 76.1





#89
Naphthalene
Concen: 1.776 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25

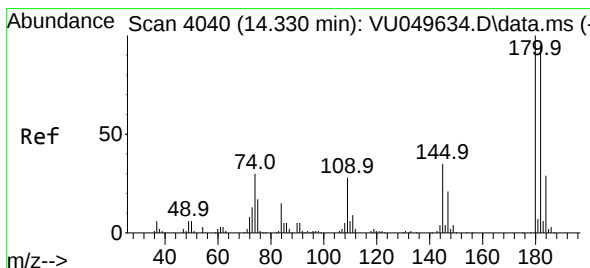
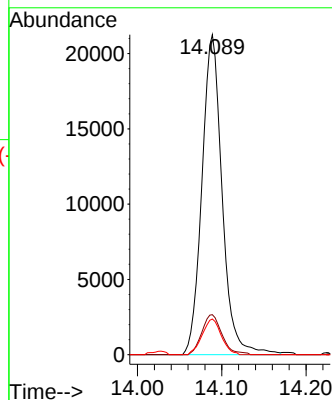
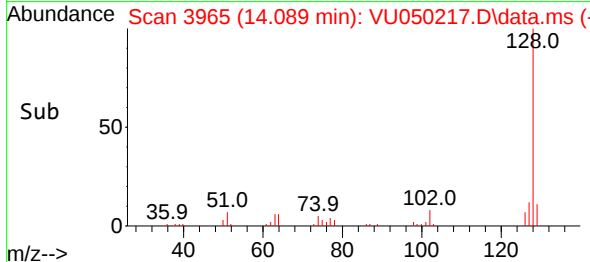
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01



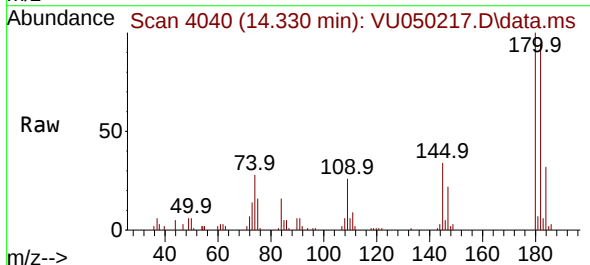
Tgt Ion:128 Resp: 3554
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.5 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.825 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050217.D
Acq: 10 Aug 2022 14:25



Tgt Ion:180 Resp: 18224
Ion Ratio Lower Upper
180 100
182 97.1 76.6 114.8
145 32.1 27.3 40.9

