

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050212.D
 Acq On : 10 Aug 2022 11:02
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 11:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 09:58:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	32592	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11418	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	11308	1.029	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	113738	9.112	ug/l	97
3) Chloromethane	1.517	50	129589	10.151	ug/l	99
4) Vinyl Chloride	1.601	62	124301	10.679	ug/l	99
5) Bromomethane	1.855	94	36385	5.994	ug/l	98
6) Chloroethane	1.932	64	72447	11.114	ug/l	100
7) Trichlorofluoromethane	2.134	101	135592	9.720	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	73538	10.032	ug/l	97
9) 1,1-Dichloroethene	2.575	96	81822	11.072	ug/l	92
10) Iodomethane	2.716	142	73177	7.807	ug/l	94
11) Allyl Chloride	2.919	41	116791	9.268	ug/l	97
12) Acrylonitrile	3.330	53	44902	22.727	ug/l	97
13) Acetone	2.658	43	79217	50.814	ug/l	90
14) Carbon Disulfide	2.787	76	290796	11.952	ug/l	100
15) Methylene Chloride	3.041	84	103270	11.159	ug/l	89
16) trans-1,2-Dichloroethene	3.350	96	92464	11.915	ug/l	92
17) 1,1-Dichloroethane	3.867	63	171304	10.675	ug/l	100
18) 2-Butanone	4.726	43	136284	51.287	ug/l	98
19) Cyclohexane	5.385	56	132234m	8.622	ug/l	
20) Methylcyclohexane	6.764	83	130565	8.636	ug/l	99
21) 2,2-Dichloropropane	4.665	77	120657	9.188	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	103611	10.826	ug/l	96
23) Diethyl Ether	2.375	59	69493	11.039	ug/l	99
24) tert-Butyl Alcohol	3.253	59	56095m	78.101	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	217692	10.535	ug/l	95
26) Bromochloromethane	4.973	128	47051	11.677	ug/l	95
27) Chloroform	5.089	83	173594	10.993	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	140308	10.075	ug/l	100
29) 1,1-Dichloropropene	5.526	75	123344	9.917	ug/l	99
30) Carbon Tetrachloride	5.523	117	115076	9.813	ug/l	97
31) Isopropyl Ether	3.996	45	251708	9.146	ug/l	96
32) Ethyl-t-butyl ether	4.504	59	234762	9.012	ug/l	98
33) Tert-Amyl methyl ether	5.941	73	209911	9.268	ug/l	98
34) Propionitrile	4.803	54	48550	63.718	ug/l #	1
35) Benzene	5.774	78	393139	11.094	ug/l	99
36) 1,2-Dichloroethane	5.793	62	108827	10.800	ug/l	100
37) Trichloroethene	6.542	130	91986	10.270	ug/l	100
38) 1,2-Dichloropropane	6.790	63	104357	11.123	ug/l	100
39) Methacrylonitrile	4.980	41	32116	9.838	ug/l	92
40) Methyl acrylate	4.851	55	63954	12.509	ug/l #	96
41) Tetrahydrofuran	5.070	42	34806	18.036	ug/l	94
42) 1-Chlorobutane	5.459	56	173109	9.926	ug/l	94
43) Dibromomethane	6.919	93	53988	11.548	ug/l	97
44) Bromodichloromethane	7.108	83	127756	11.402	ug/l	98

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Manual Integrations
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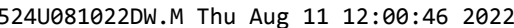
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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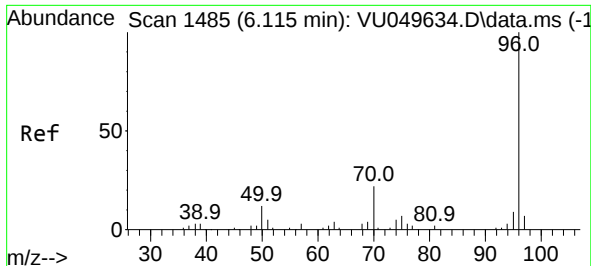
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	319732	50.393	ug/l	96
46) t-1,4-Dichloro-2-butene	10.835	75	44064m	21.341	ug/l	
47) Methyl methacrylate	6.964	69	104280	22.122	ug/l	91
48) Ethyl methacrylate	8.333	69	96540	10.208	ug/l	91
49) Toluene	7.970	92	233842	10.805	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	117099	10.820	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	135433	10.559	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	76026	11.784	ug/l	98
53) 1,3-Dichloropropane	8.575	76	130267	11.249	ug/l	100
54) 2-Hexanone	8.687	43	226626	51.430	ug/l	97
55) Dibromochloromethane	8.809	129	85149	11.554	ug/l	99
56) 1,2-Dibromoethane	8.925	107	72269	11.567	ug/l	99
58) Tetrachloroethene	8.552	164	77485	10.404	ug/l	98
59) Chlorobenzene	9.446	112	242977	10.732	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	89921	11.166	ug/l	98
61) Pentachloroethane	11.426	117	72780	11.771	ug/l	96
62) Hexachloroethane	12.475	117	62678	10.121	ug/l	98
63) Ethyl Benzene	9.571	91	429616	10.543	ug/l	99
64) m/p-Xylenes	9.693	106	335630	22.265	ug/l	98
65) o-Xylene	10.102	106	158352	10.688	ug/l	99
66) Styrene	10.115	104	266485	11.196	ug/l	98
67) Bromoform	10.291	173	49650	11.806	ug/l	98
69) Isopropylbenzene	10.484	105	402572	10.174	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	102609	12.242	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	72691m	10.475	ug/l	
72) Bromobenzene	10.783	156	99441	11.152	ug/l	99
73) n-propylbenzene	10.906	120	105661	10.581	ug/l	100
74) 2-Chlorotoluene	10.986	126	99229	11.145	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	354206	10.708	ug/l	99
76) 4-Chlorotoluene	11.099	126	102175	11.442	ug/l	89
77) tert-Butylbenzene	11.420	119	333744	10.246	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	358434	10.793	ug/l	99
79) sec-Butylbenzene	11.645	105	425004	9.948	ug/l	99
80) Nitrobenzene	13.208	77	22117	64.502	ug/l	100
81) p-Isopropyltoluene	11.793	119	342187	9.874	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	188651	10.937	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	184486	10.599	ug/l	99
84) n-Butylbenzene	12.208	91	285987	8.861	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	182655	10.930	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	16363	11.194	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	106789	9.473	ug/l	99
88) Hexachlorobutadiene	14.021	225	60499	10.530	ug/l	100
89) Naphthalene	14.086	128	230091	9.734	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	110788	10.292	ug/l	99

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

Manual Integrations

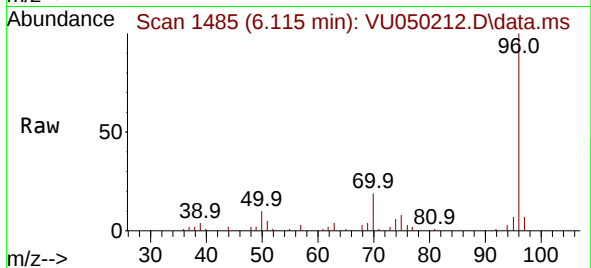
Quant Time: Aug 10 11:42:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 09:58:18 2022
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

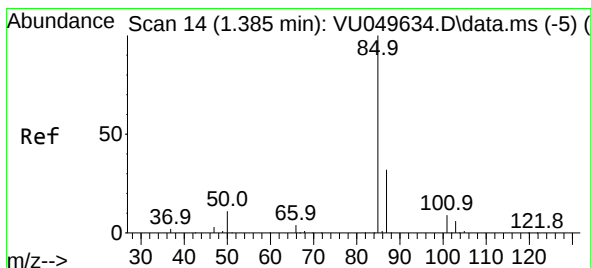
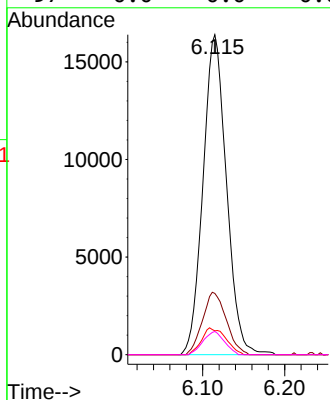
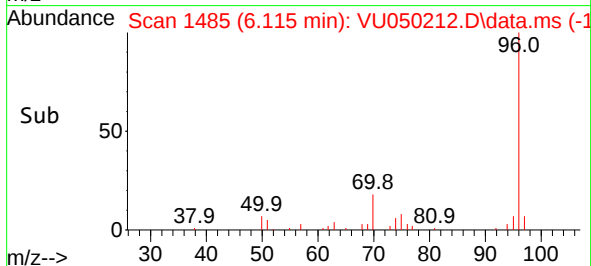
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 32592
Ion Ratio Lower Upper
96 100
70 19.8 16.7 25.1
95 8.6 7.4 11.0
97 0.0 0.0 0.0

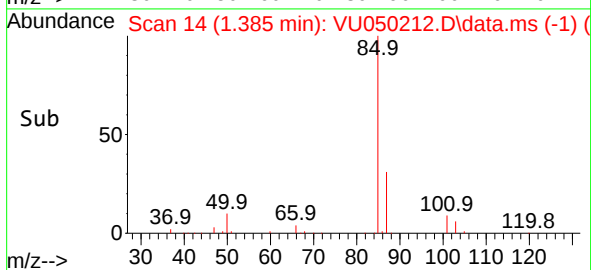
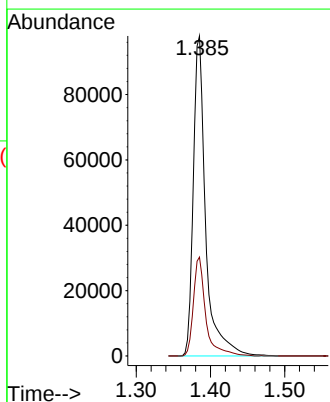
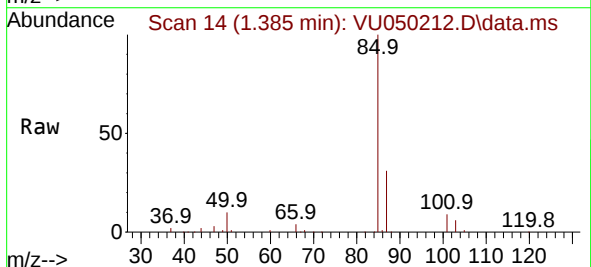
Manual Integrations
APPROVED

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



#2
Dichlorodifluoromethane
Concen: 9.112 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion: 85 Resp: 113738
Ion Ratio Lower Upper
85 100
87 30.9 16.3 48.8





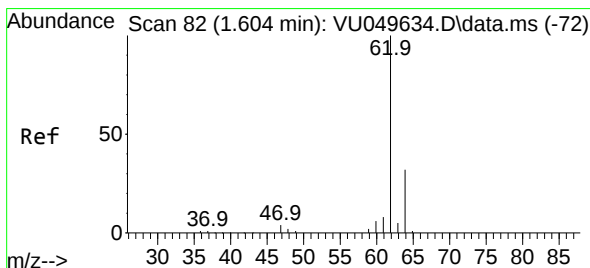
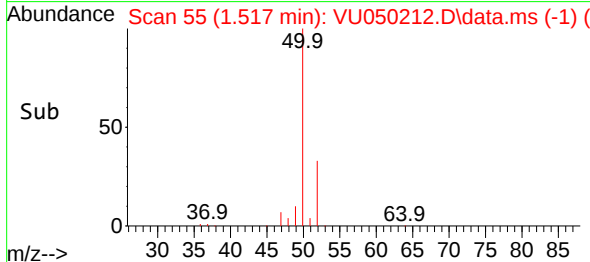
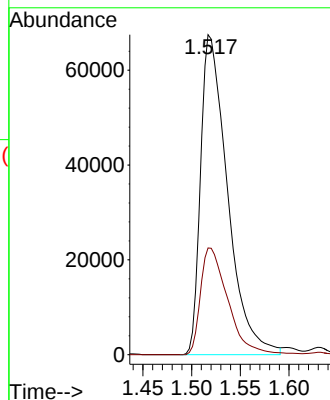
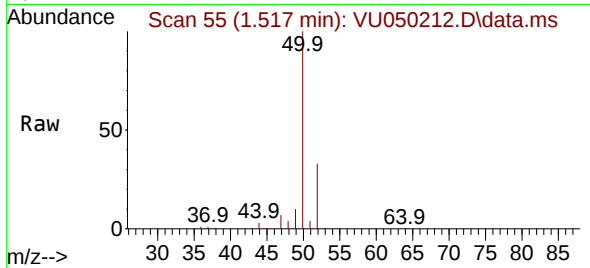
#3
Chloromethane
Concen: 10.151 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.010 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 50 Resp: 129589
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1

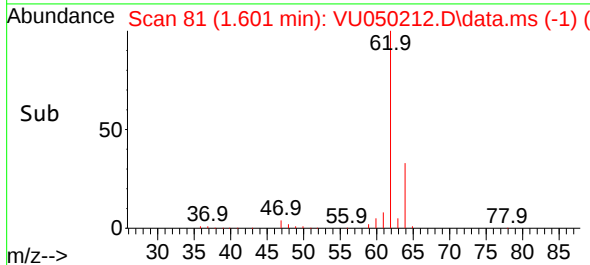
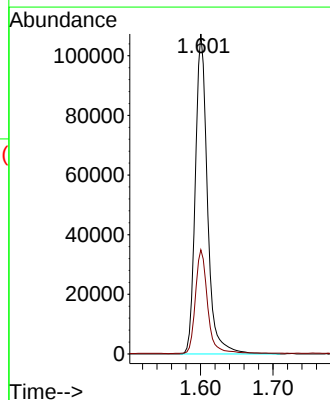
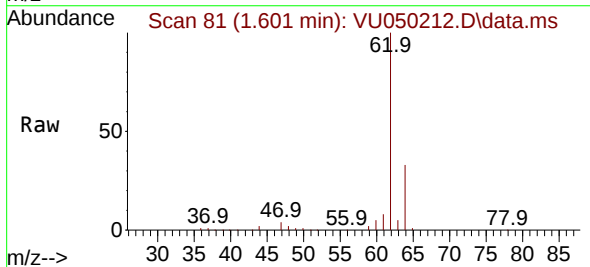
Manual Integrations
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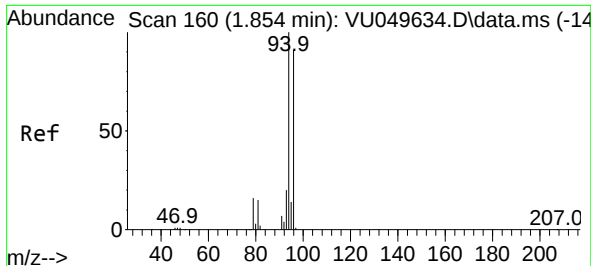
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 10.679 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

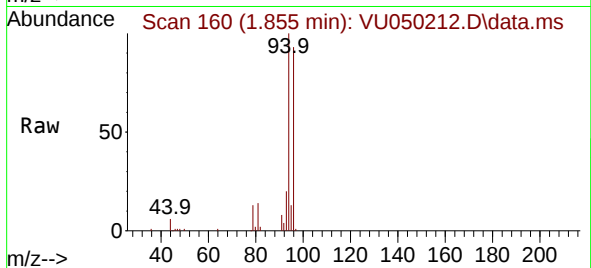
Tgt Ion: 62 Resp: 124301
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3





#5
Bromomethane
Concen: 5.994 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

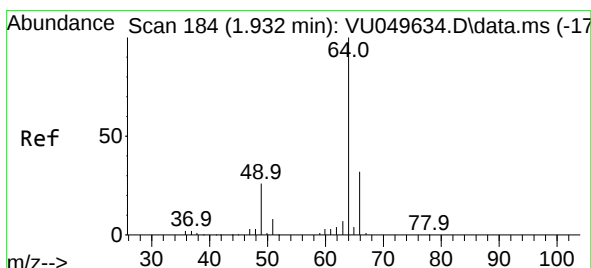
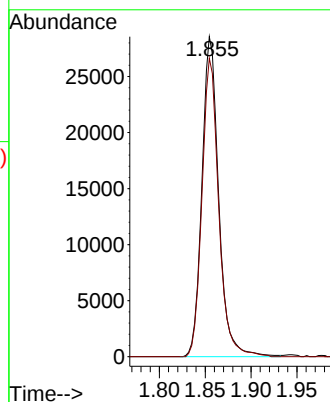
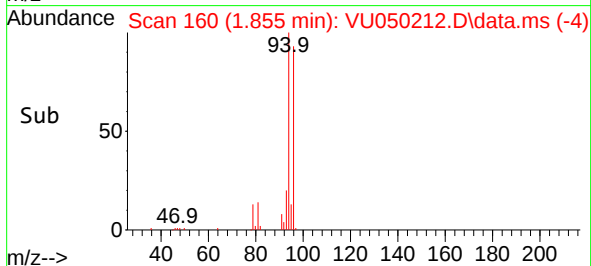
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



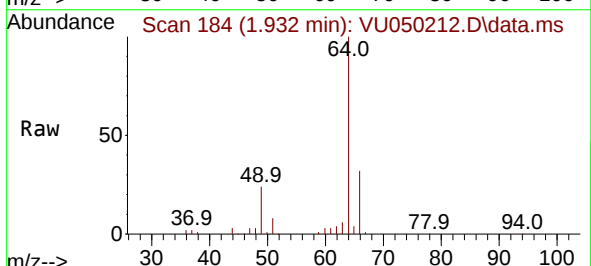
Tgt Ion: 94 Resp: 3638
Ion Ratio Lower Upper
94 100
96 93.2 73.0 109.6

Manual Integrations
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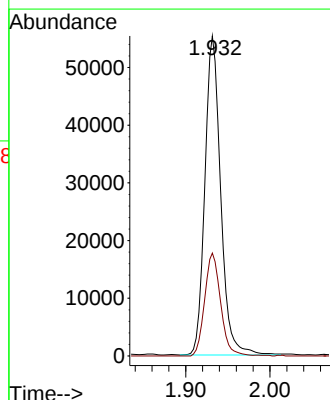
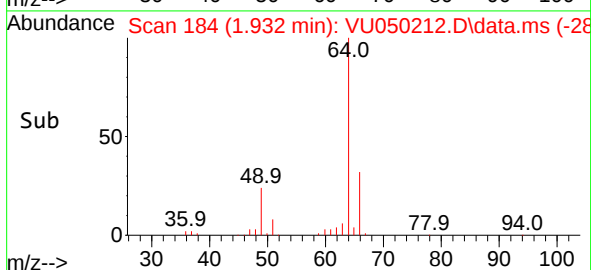
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Supervised By :Mahesh Dadoda 08/11/2022

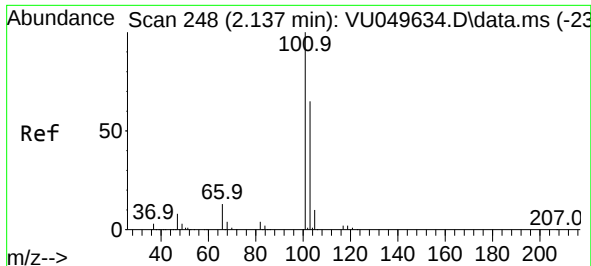


#6
Chloroethane
Concen: 11.114 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



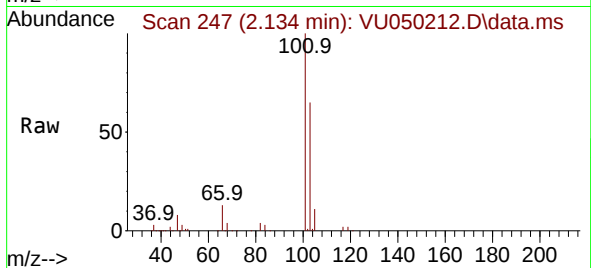
Tgt Ion: 64 Resp: 72447
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 9.720 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

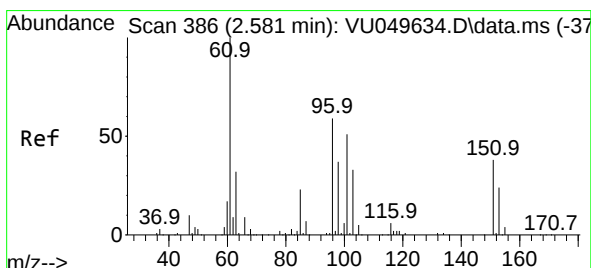
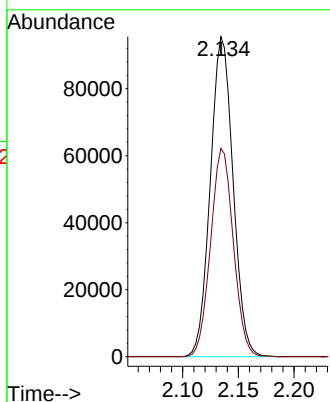
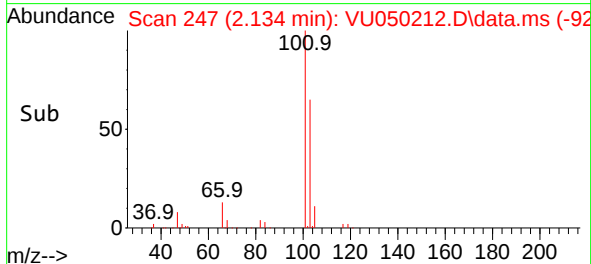
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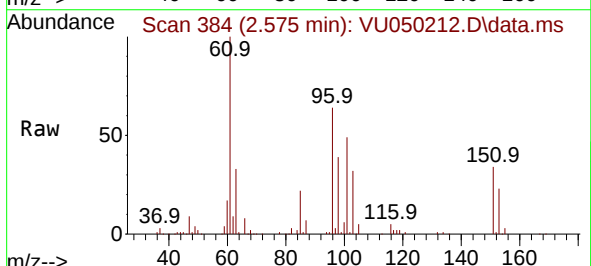
Tgt Ion:101 Resp: 135592
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

Manual Integrations
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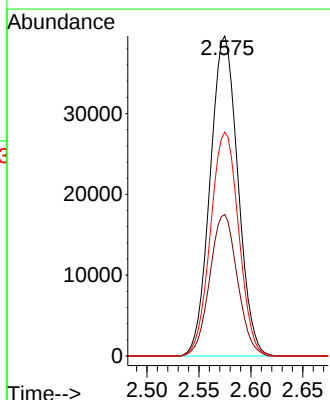
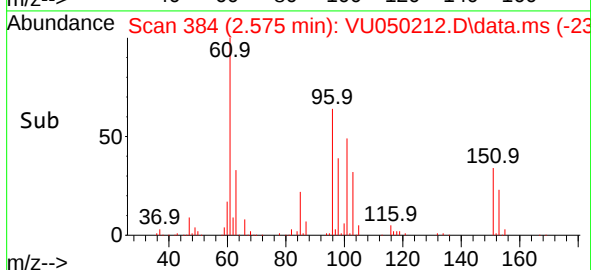
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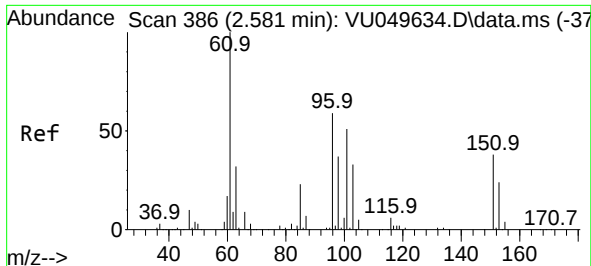


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.032 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU050212.D
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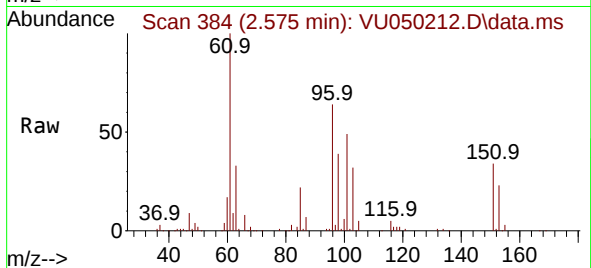
Tgt Ion:101 Resp: 73538
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.4 54.6
 151 71.2 59.1 88.7





#9
1,1-Dichloroethene
Concen: 11.072 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

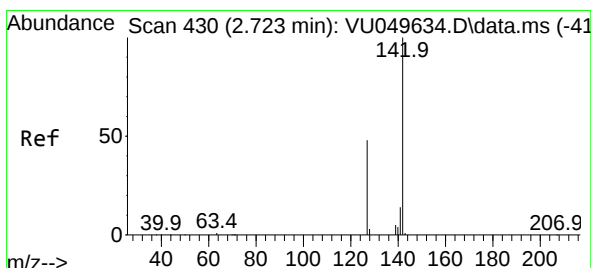
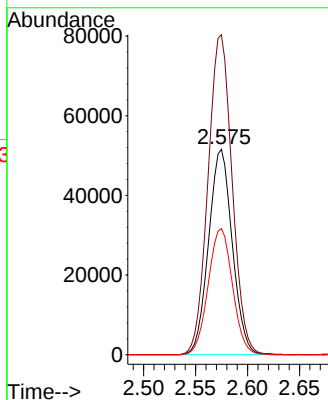
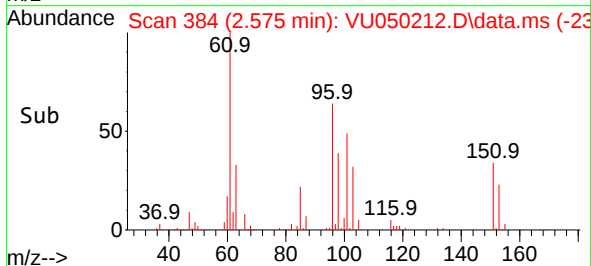
Instrument :
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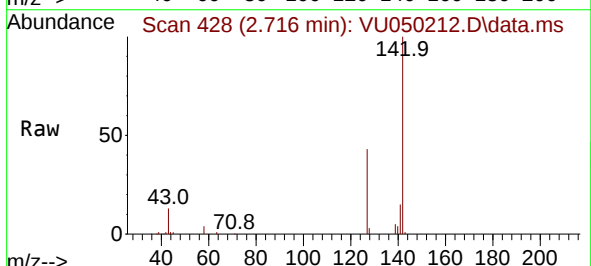
Tgt Ion: 96 Resp: 8182
Ion Ratio Lower Upper
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98 61.4 0.0 124.6

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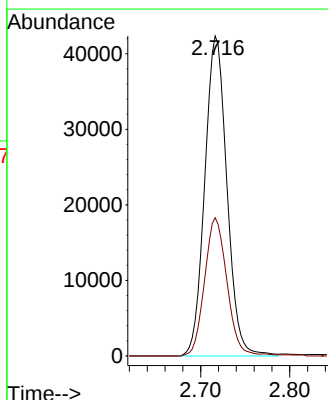
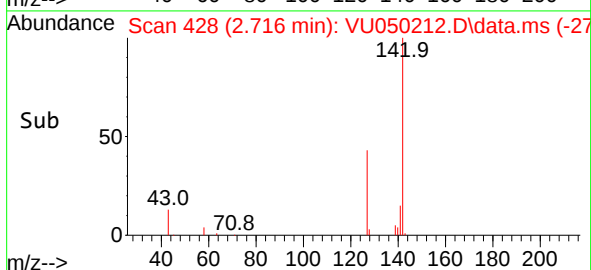
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

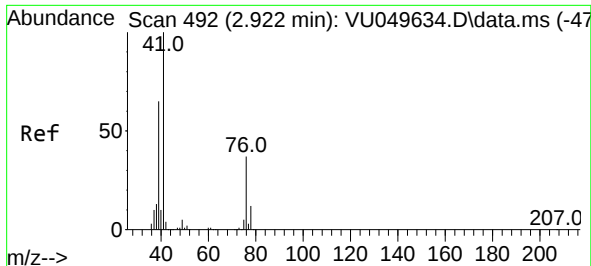


#10
Iodomethane
Concen: 7.807 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.006 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



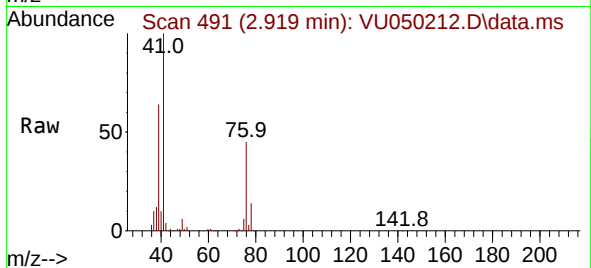
Tgt Ion:142 Resp: 73177
Ion Ratio Lower Upper
142 100
127 43.6 38.2 57.2





#11
 Allyl Chloride
 Concen: 9.268 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

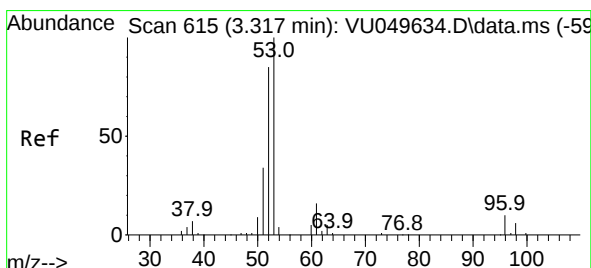
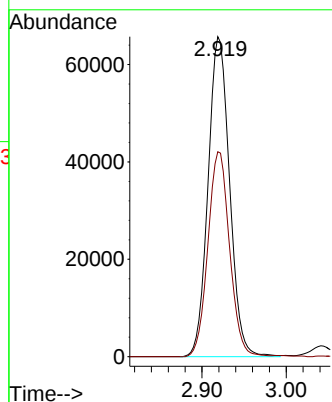
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 11679
 Ion Ratio Lower Upper
 41 100
 39 64.4 53.2 79.8

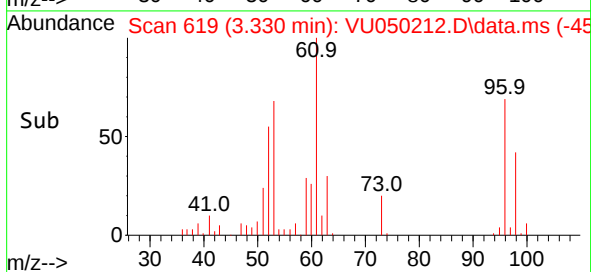
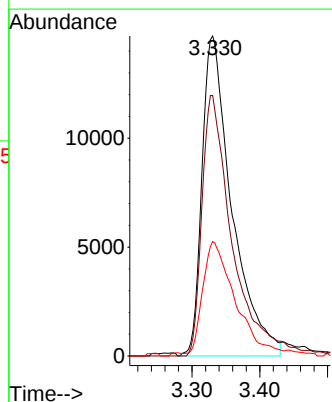
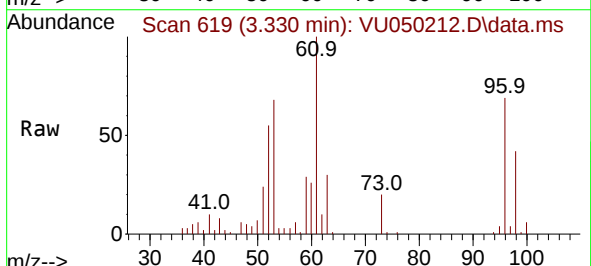
Manual Integrations
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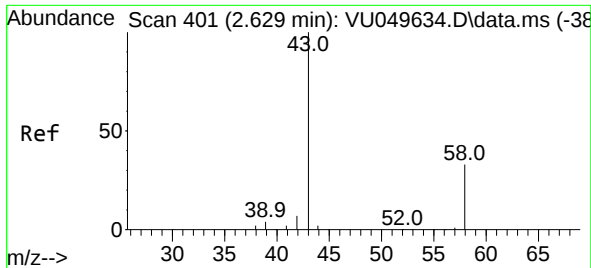
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#12
 Acrylonitrile
 Concen: 22.727 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

Tgt Ion: 53 Resp: 44902
 Ion Ratio Lower Upper
 53 100
 52 83.0 64.6 97.0
 51 36.8 30.7 46.1





#13

Acetone

Concen: 50.814 ug/l

RT: 2.658 min Scan# 41

Delta R.T. 0.029 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 7921

Ion Ratio Lower Upper

43 100

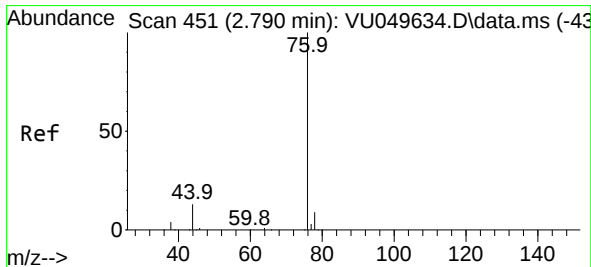
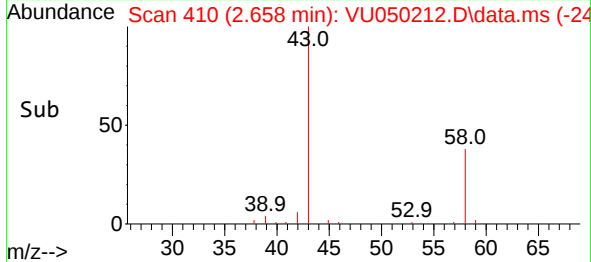
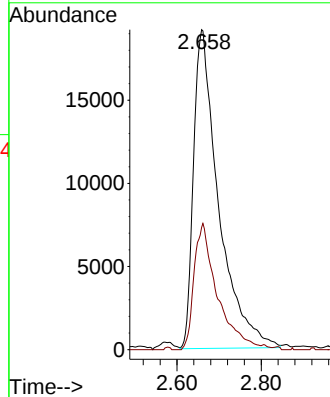
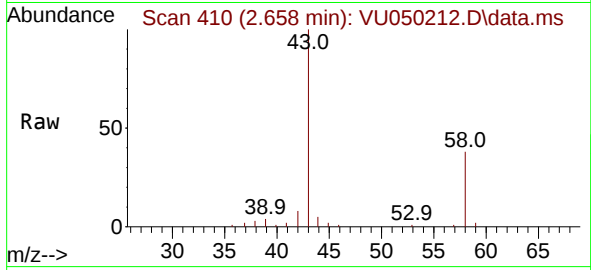
58 38.5 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#14

Carbon Disulfide

Concen: 11.952 ug/l

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050212.D

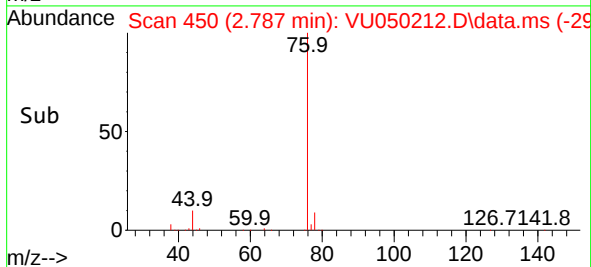
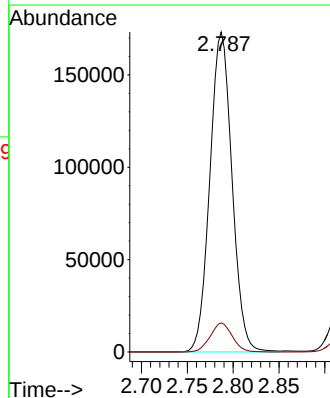
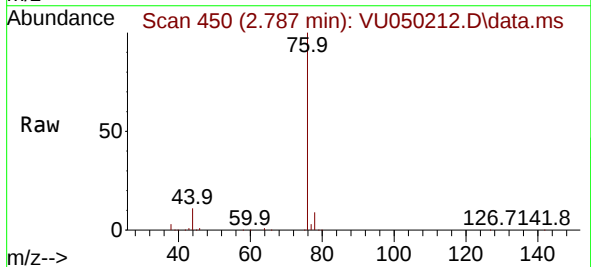
Acq: 10 Aug 2022 11:02

Tgt Ion: 76 Resp: 290796

Ion Ratio Lower Upper

76 100

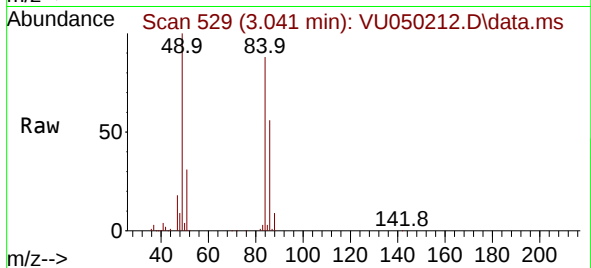
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 11.159 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

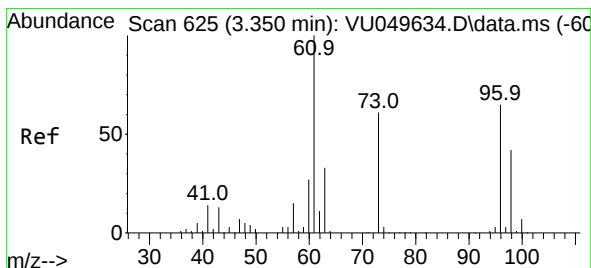
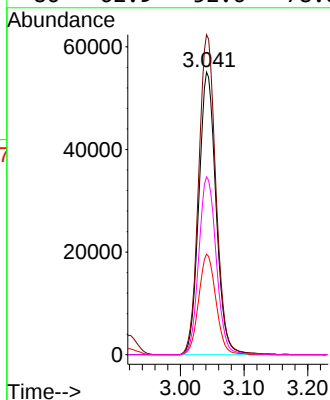
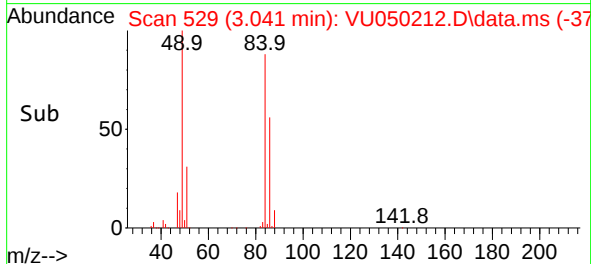
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 103270
Ion Ratio Lower Upper
84 100
49 113.2 104.6 157.0
51 35.6 0.0 81.4
86 62.9 52.6 78.8

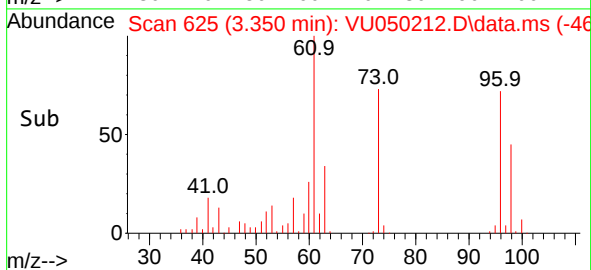
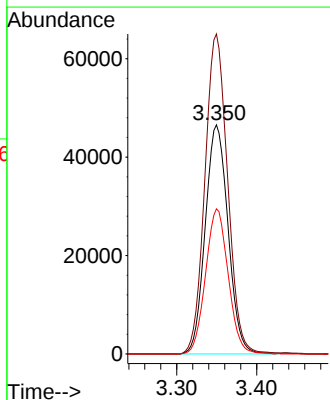
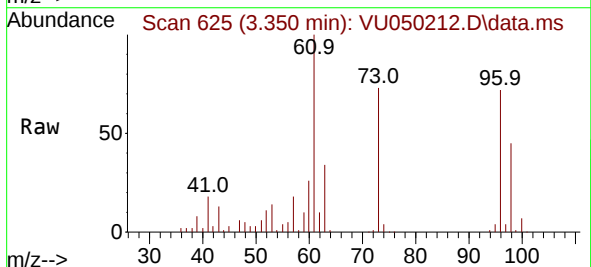
Manual Integrations
APPROVED

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



#16
trans-1,2-Dichloroethene
Concen: 11.915 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion: 96 Resp: 92464
Ion Ratio Lower Upper
96 100
61 139.6 123.4 185.0
98 63.4 51.6 77.4





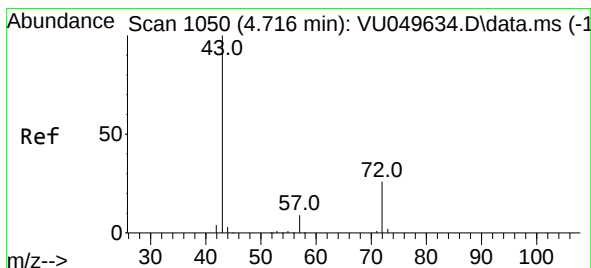
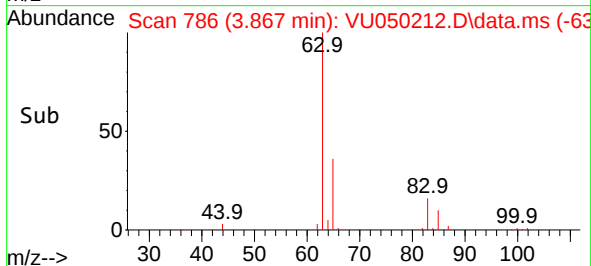
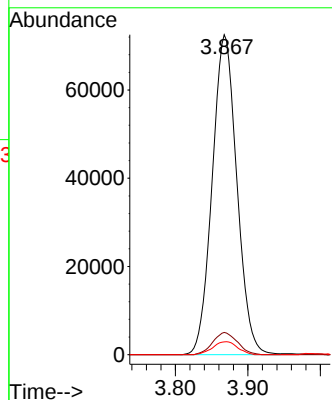
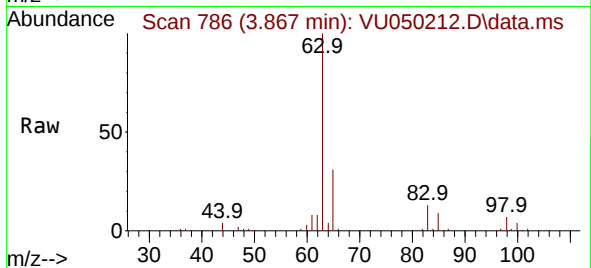
#17
1,1-Dichloroethane
Concen: 10.675 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 171304
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 4.0 2.0 6.0

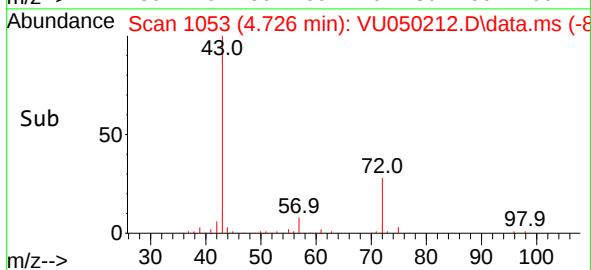
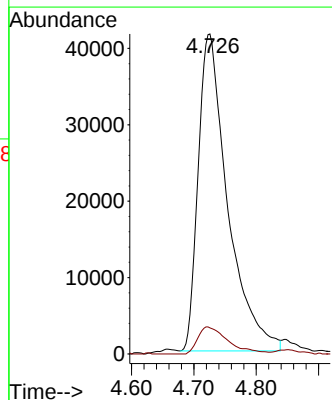
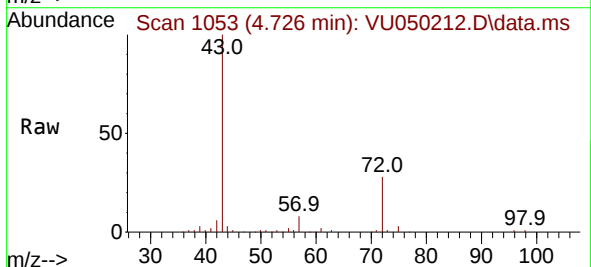
Manual Integrations
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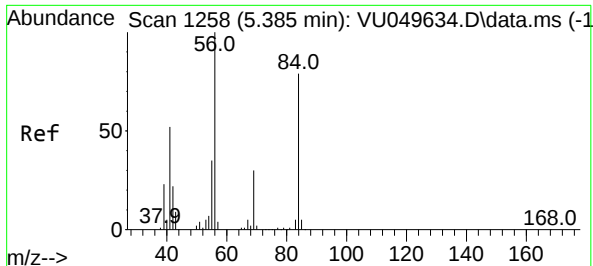
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 51.287 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion: 43 Resp: 136284
Ion Ratio Lower Upper
43 100
57 8.2 0.0 18.0





#19

Cyclohexane

Concen: 8.622 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050212.D

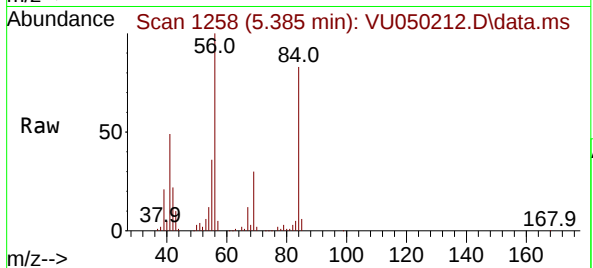
Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010



Tgt Ion: 56 Resp: 132234

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

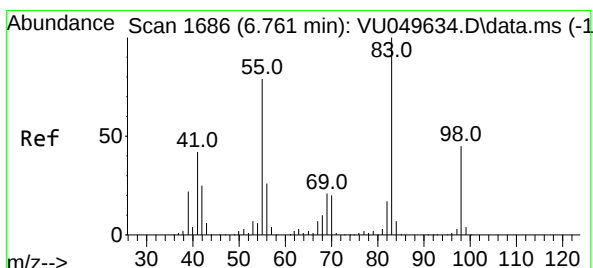
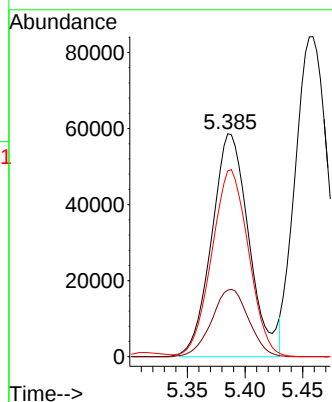
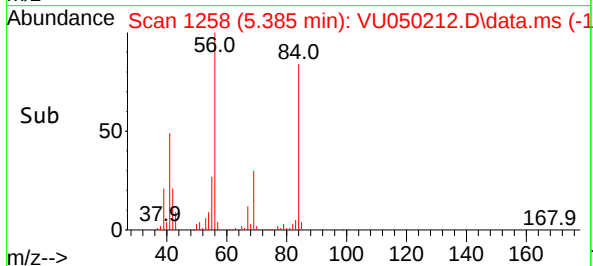
84 81.7 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 8.636 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

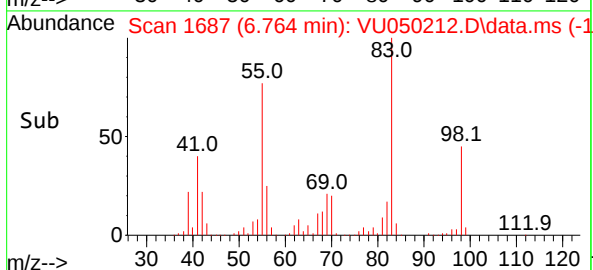
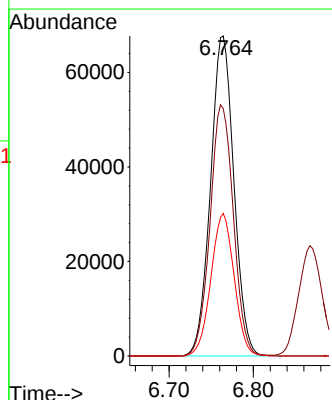
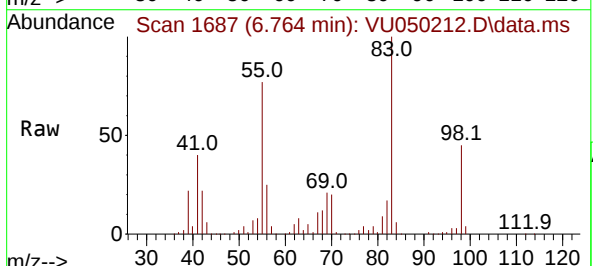
Tgt Ion: 83 Resp: 130565

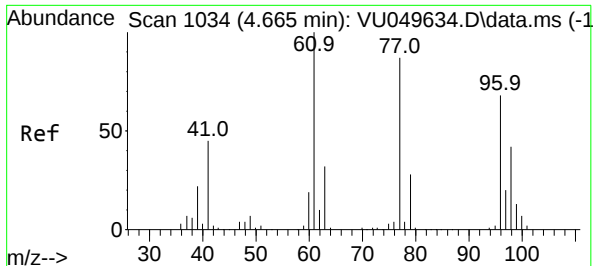
Ion Ratio Lower Upper

83 100

55 78.0 63.0 94.4

98 44.2 35.7 53.5





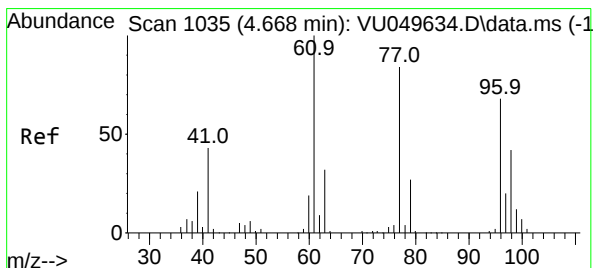
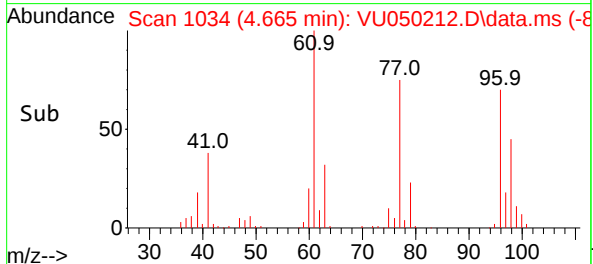
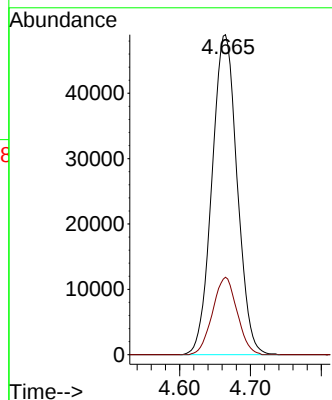
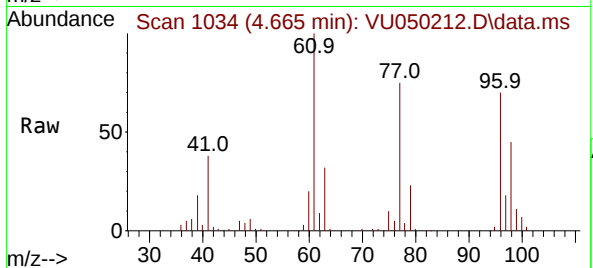
#21
2,2-Dichloropropane
Concen: 9.188 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 12065
Ion Ratio Lower Upper
77 100
97 23.6 18.5 27.7

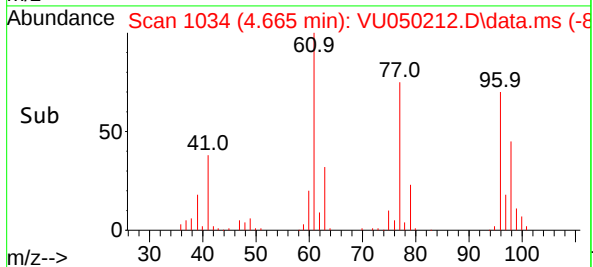
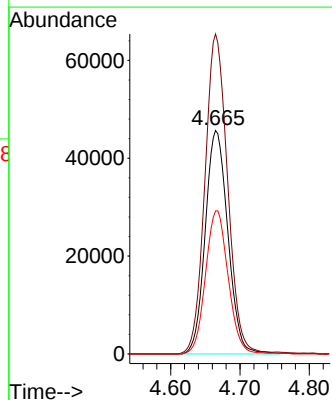
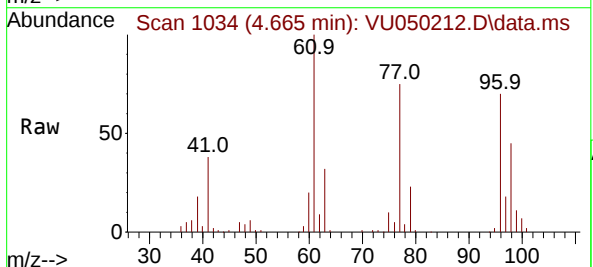
Manual Integrations
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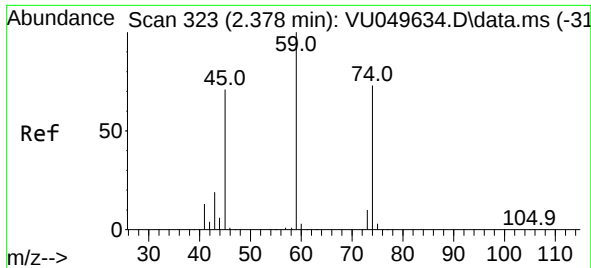
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#22
cis-1,2-Dichloroethene
Concen: 10.826 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

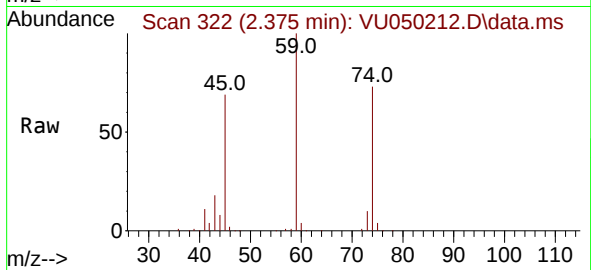
Tgt Ion: 96 Resp: 103611
Ion Ratio Lower Upper
96 100
61 143.1 0.0 375.8
98 64.0 31.6 95.0





#23
Diethyl Ether
Concen: 11.039 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

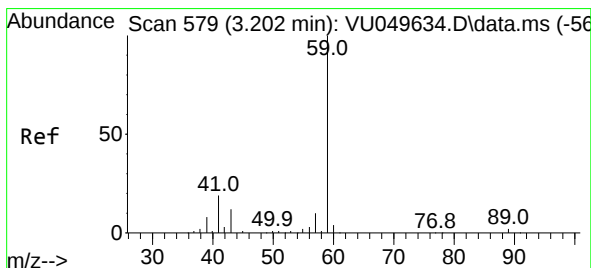
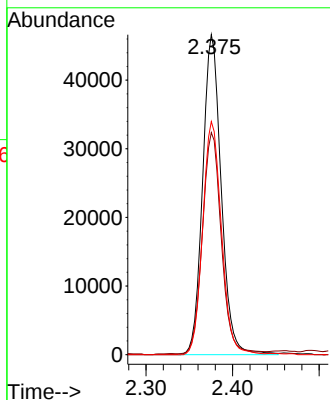
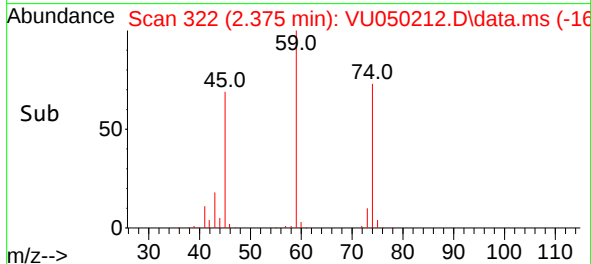
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 6949
Ion Ratio Lower Upper
59 100
45 70.0 56.0 84.0
74 73.5 57.6 86.4

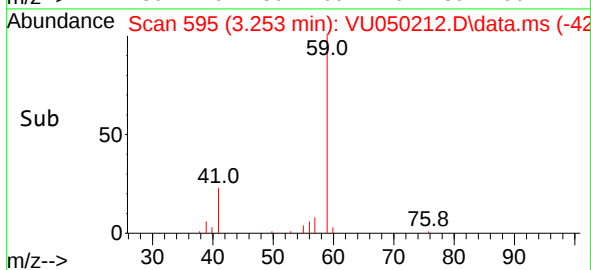
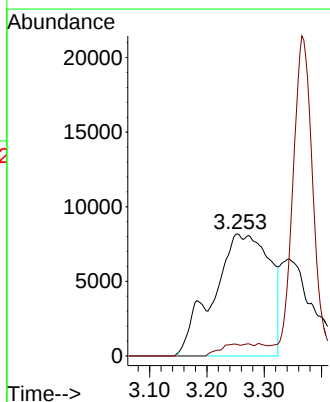
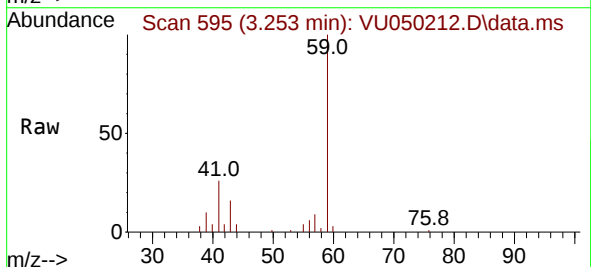
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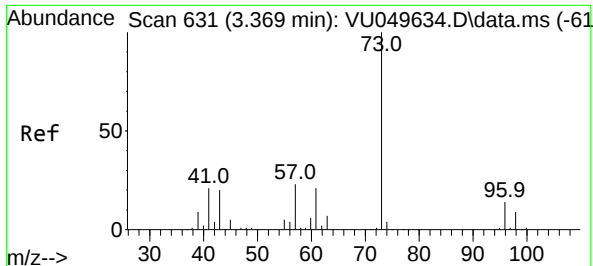
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 78.101 ug/l m
RT: 3.253 min Scan# 595
Delta R.T. 0.052 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

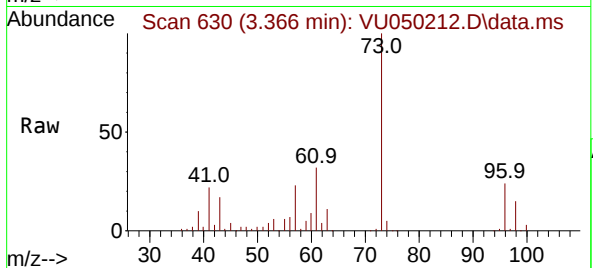
Tgt Ion: 59 Resp: 56095
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 10.535 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

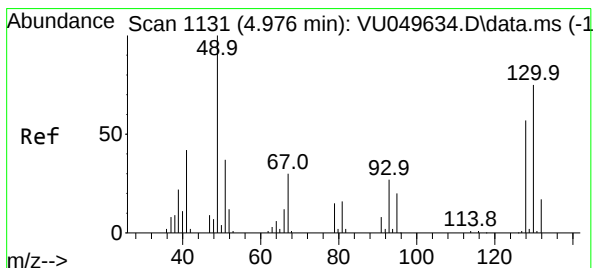
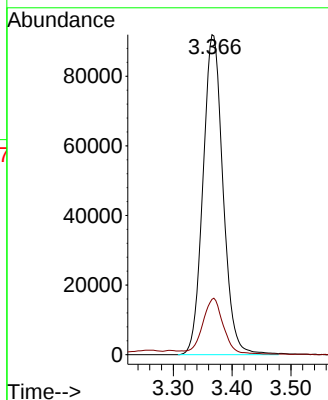
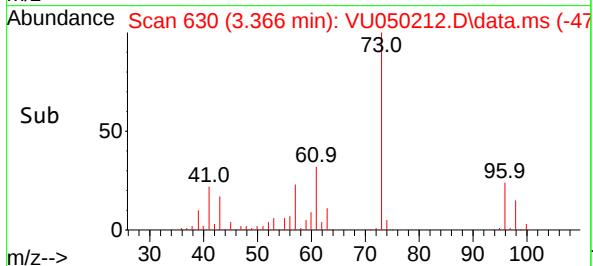
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 217692
Ion Ratio Lower Upper
73 100
43 17.8 15.9 23.9

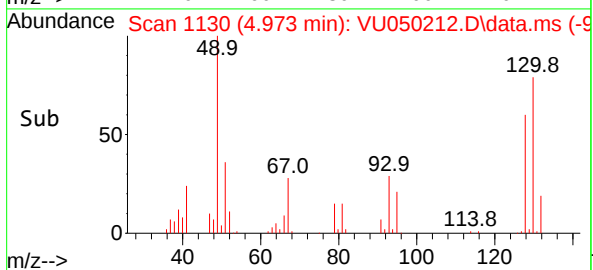
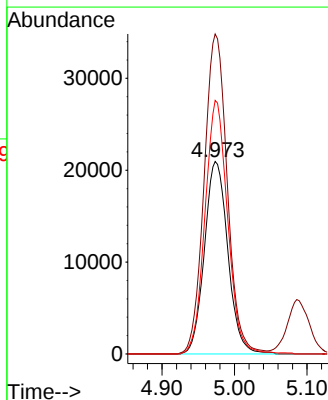
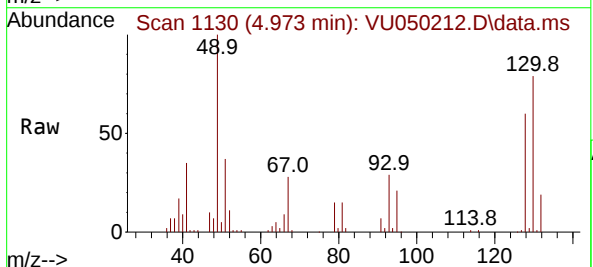
Manual Integrations
APPROVED

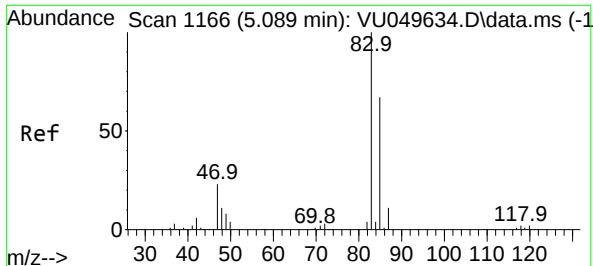
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 11.677 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion:128 Resp: 47051
Ion Ratio Lower Upper
128 100
49 164.2 0.0 349.2
130 127.4 103.0 154.6





#27

Chloroform

Concen: 10.993 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 173594

Ion Ratio Lower Upper

83 100

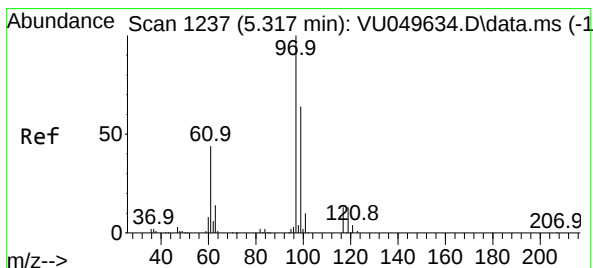
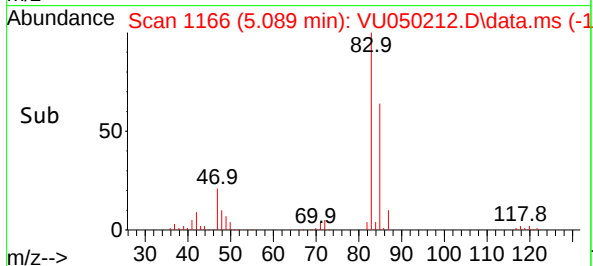
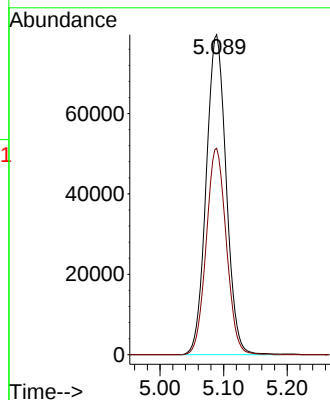
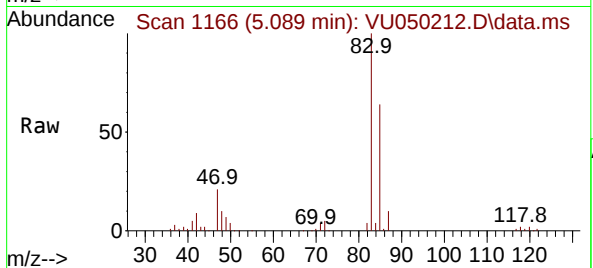
85 64.5 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

1,1,1-Trichloroethane

Concen: 10.075 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

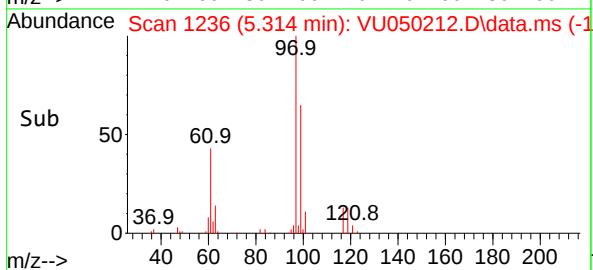
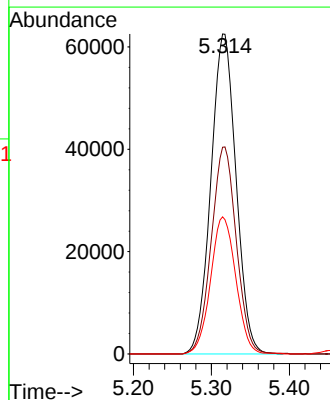
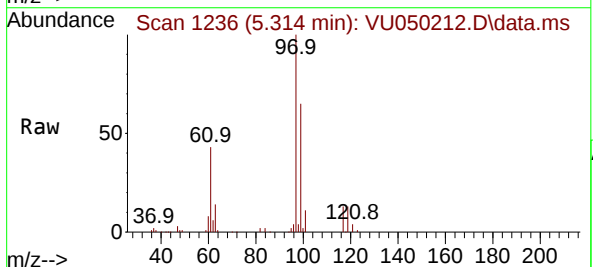
Tgt Ion: 97 Resp: 140308

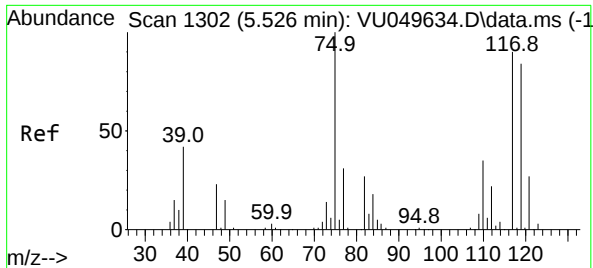
Ion Ratio Lower Upper

97 100

99 64.5 32.1 96.5

61 43.1 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.917 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 123344

Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

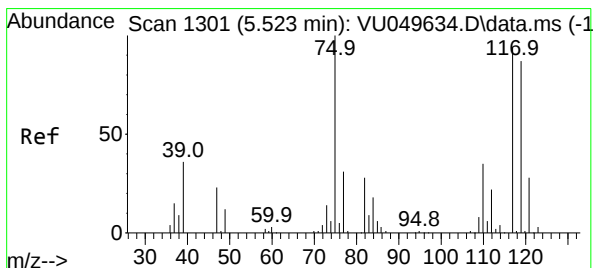
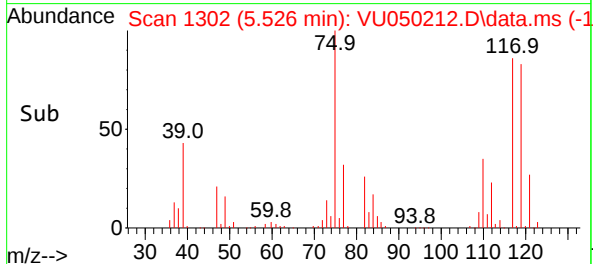
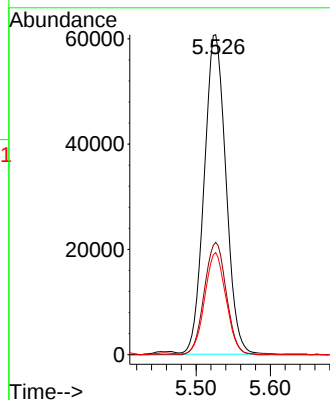
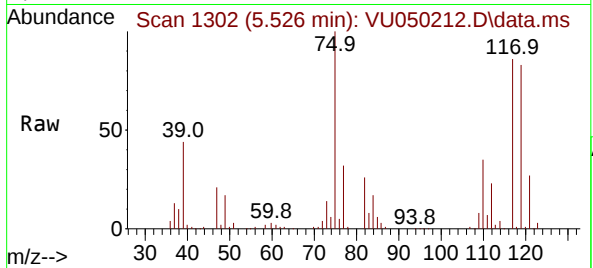
77 31.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 9.813 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

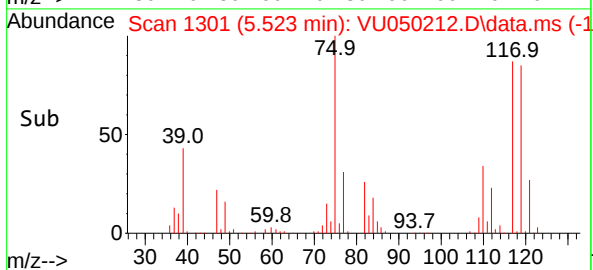
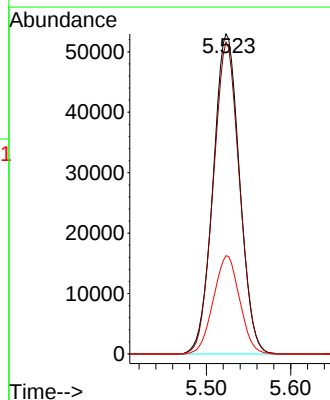
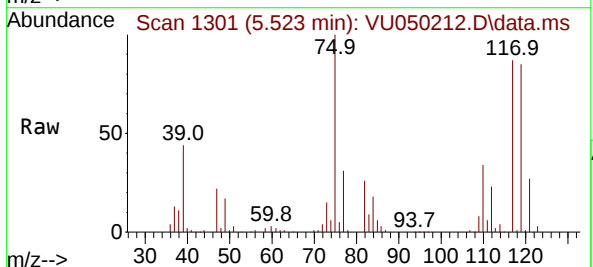
Tgt Ion:117 Resp: 115076

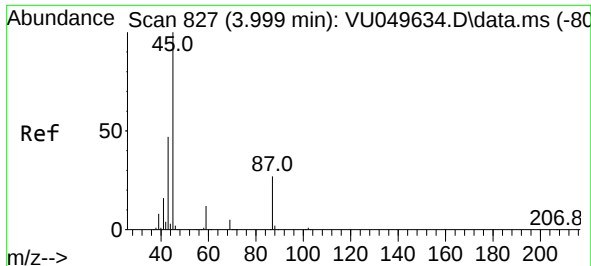
Ion Ratio Lower Upper

117 100

119 97.4 74.6 112.0

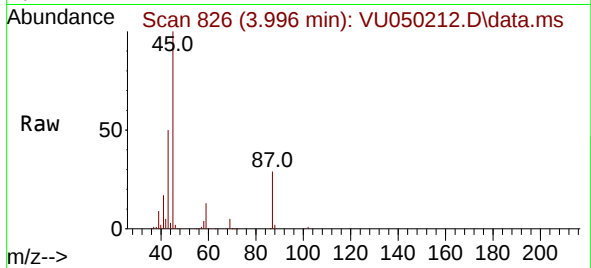
121 30.7 24.2 36.4





#31
Isopropyl Ether
Concen: 9.146 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

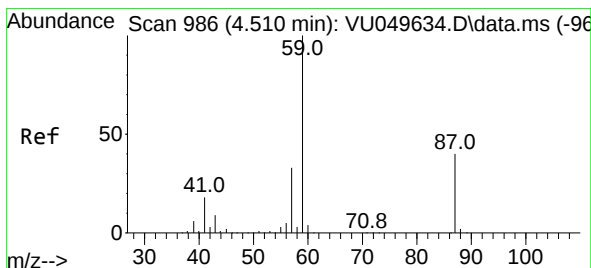
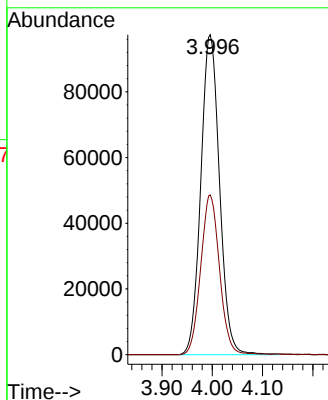
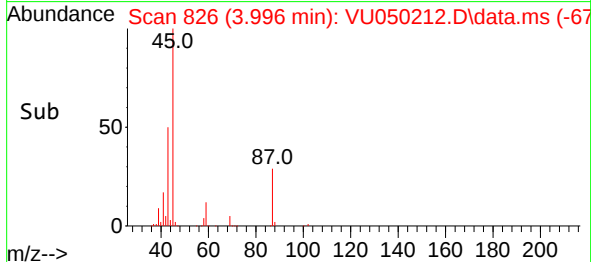
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



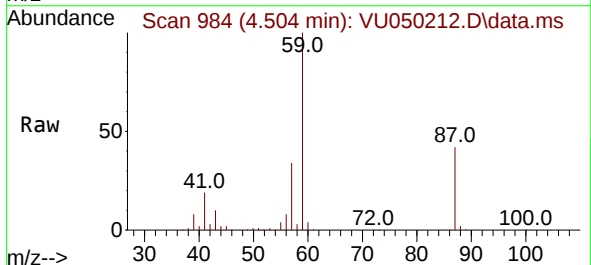
Tgt Ion: 45 Resp: 251708
Ion Ratio Lower Upper
45 100
43 50.2 23.8 71.2

Manual Integrations
APPROVED

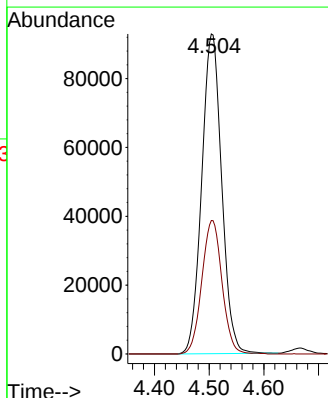
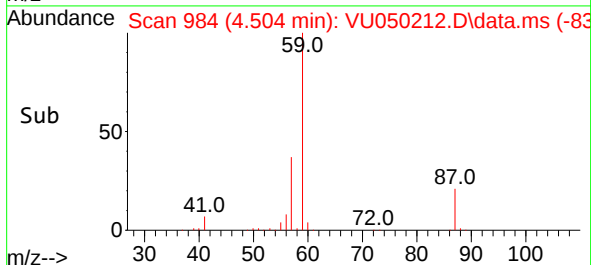
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
Ethyl-t-butyl ether
Concen: 9.012 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



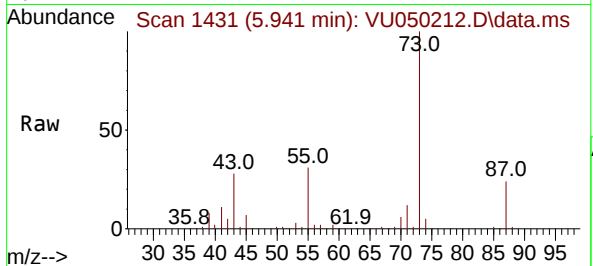
Tgt Ion: 59 Resp: 234762
Ion Ratio Lower Upper
59 100
87 41.8 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 9.268 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

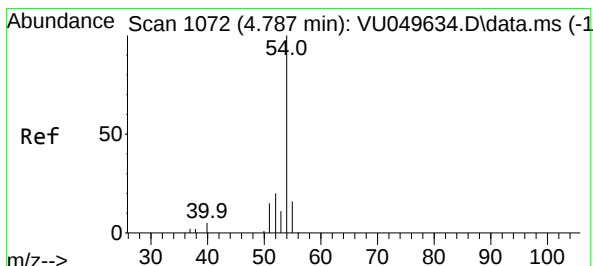
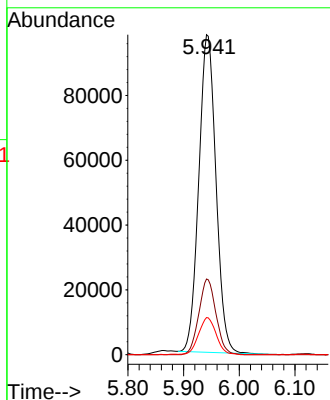
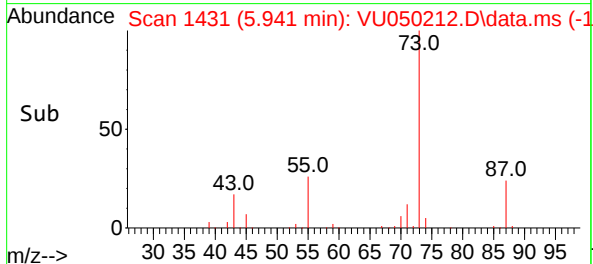
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 20991
Ion Ratio Lower Upper
73 100
87 23.8 19.7 29.5
71 11.8 9.0 13.4

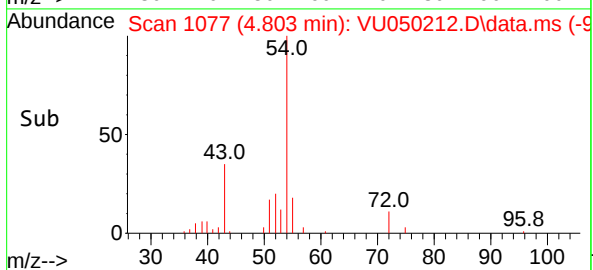
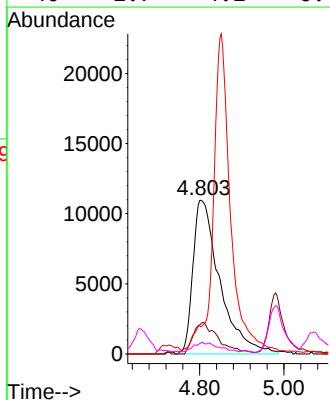
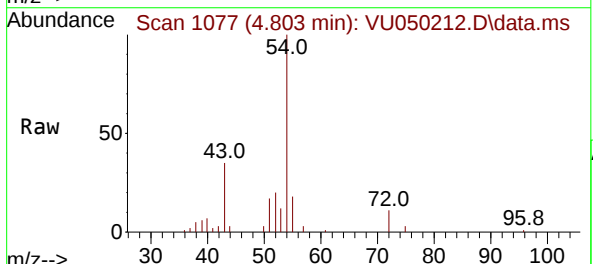
Manual Integrations
APPROVED

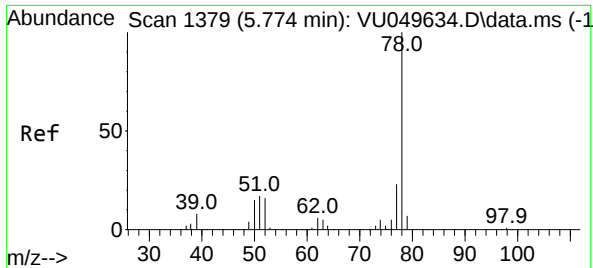
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#34
Propionitrile
Concen: 63.718 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion: 54 Resp: 48550
Ion Ratio Lower Upper
54 100
52 11.6 15.0 22.6#
55 131.7 12.6 19.0#
40 2.7 4.2 6.4#





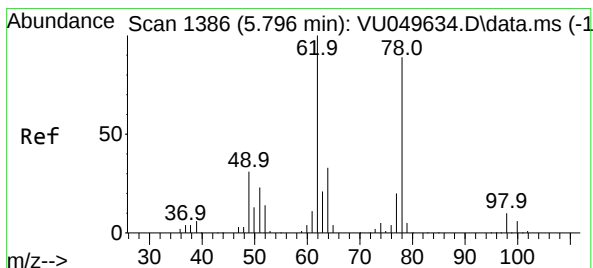
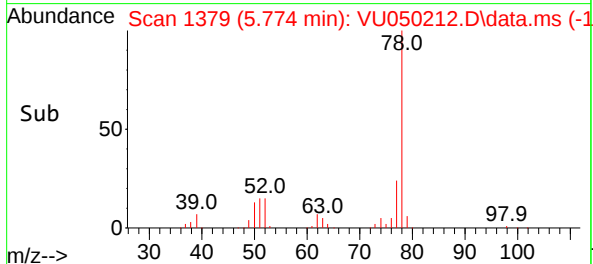
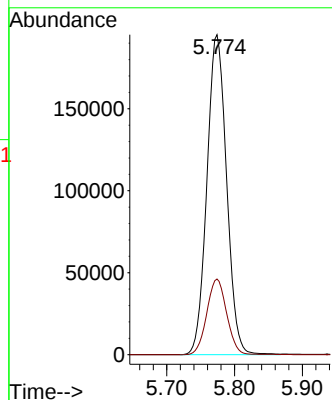
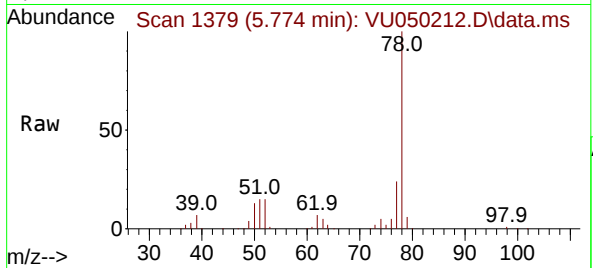
#35
Benzene
Concen: 11.094 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 393139
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

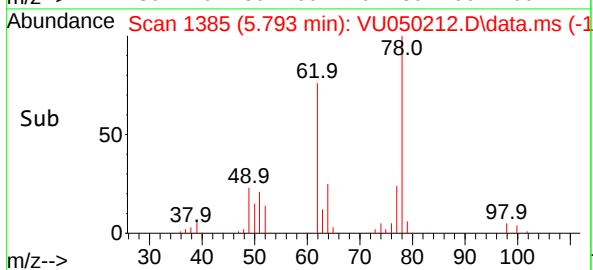
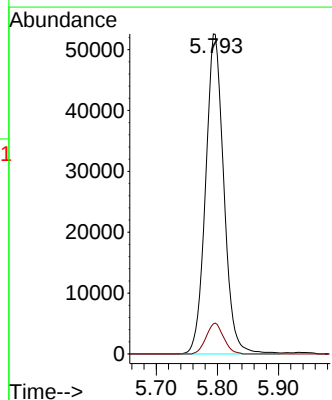
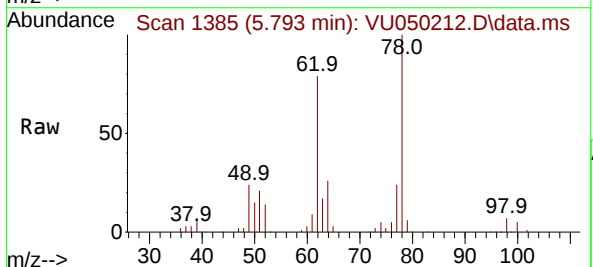
Manual Integrations
APPROVED

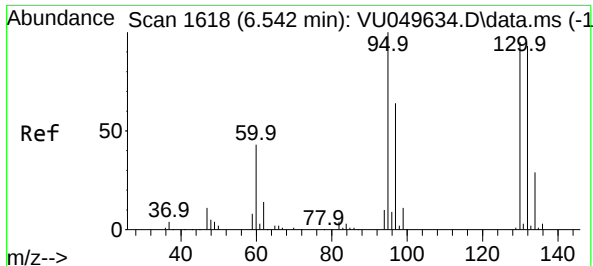
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 10.800 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

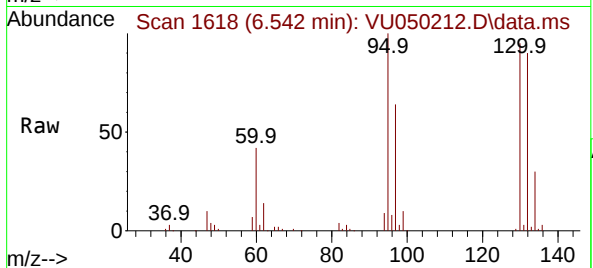
Tgt Ion: 62 Resp: 108827
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37
Trichloroethene
Concen: 10.270 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

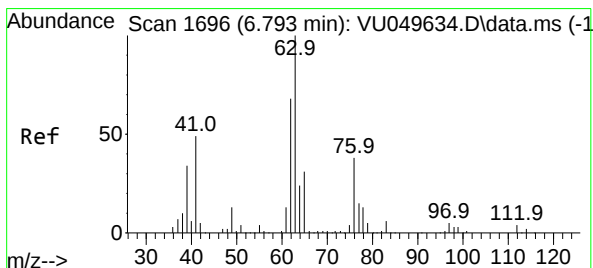
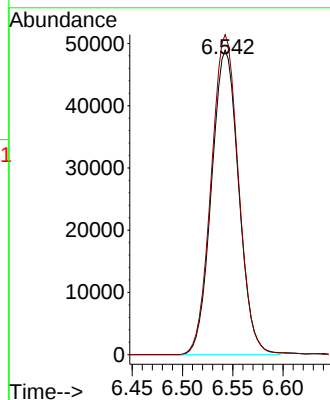
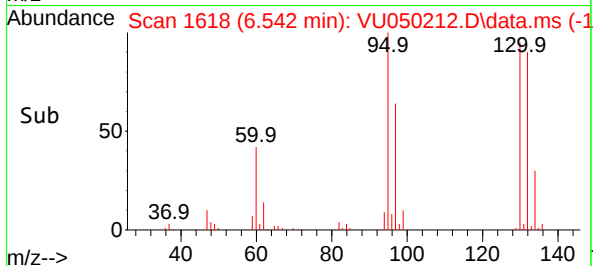
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



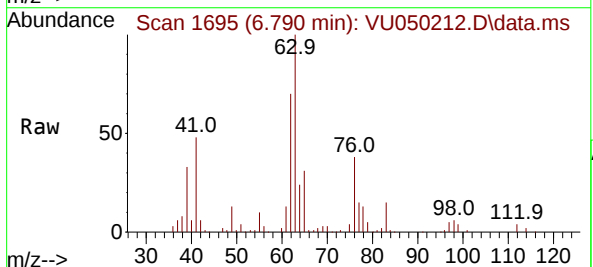
Tgt Ion:130 Resp: 91980
Ion Ratio Lower Upper
130 100
95 105.0 83.8 125.8

Manual Integrations
APPROVED

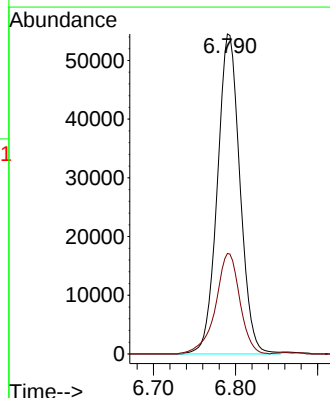
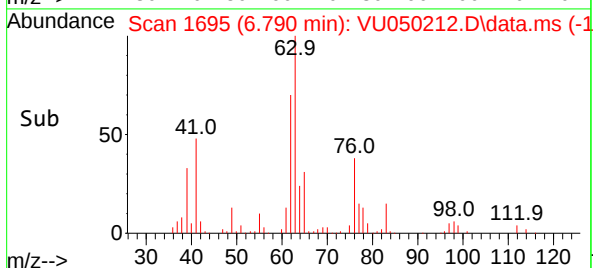
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

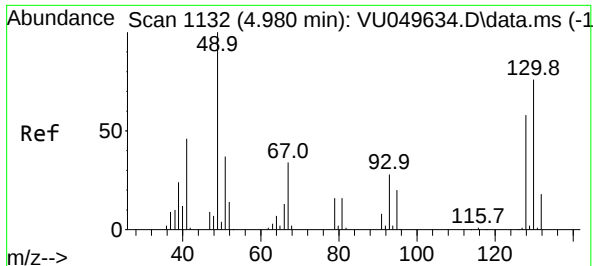


#38
1,2-Dichloropropane
Concen: 11.123 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



Tgt Ion: 63 Resp: 104357
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.4





#39

Methacrylonitrile

Concen: 9.838 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 32110

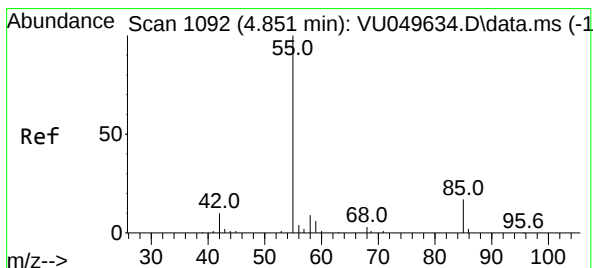
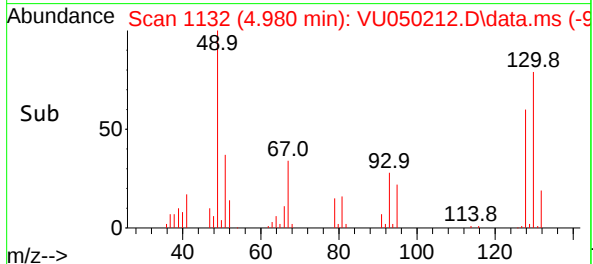
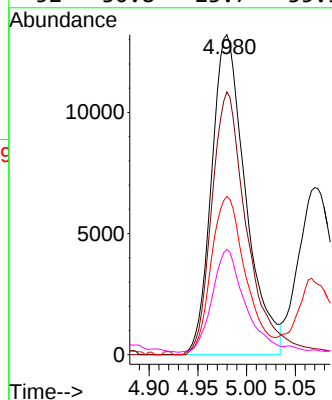
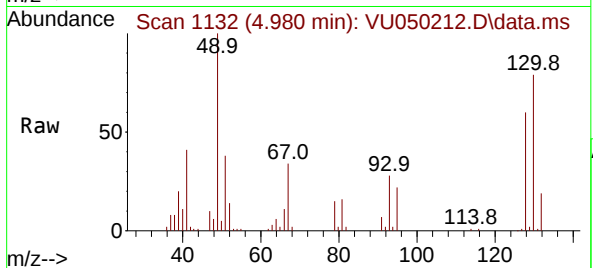
Ion	Ratio	Lower	Upper
41	100		
67	86.0	59.4	89.0
39	50.1	42.2	63.2
52	30.8	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 12.509 ug/l

RT: 4.851 min Scan# 1092

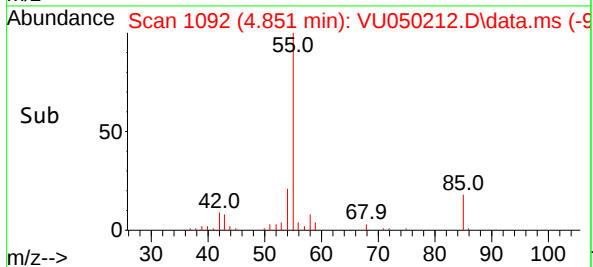
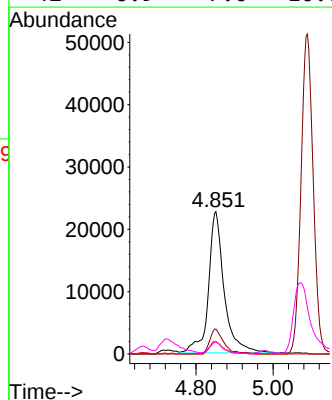
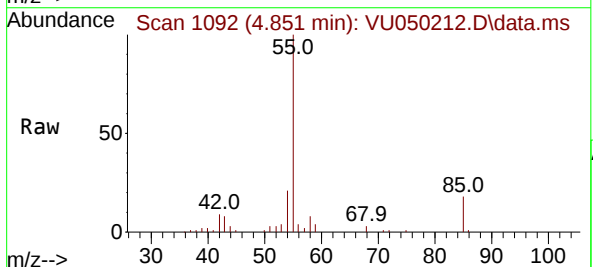
Delta R.T. 0.000 min

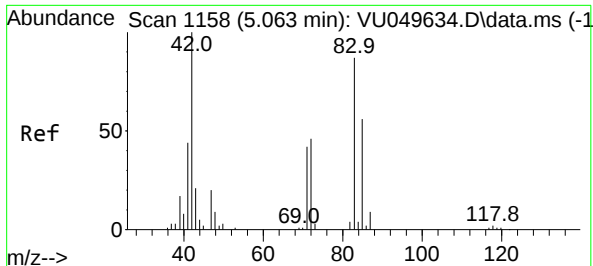
Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Tgt Ion: 55 Resp: 63954

Ion	Ratio	Lower	Upper
55	100		
85	15.4	13.5	20.3
58	7.3	7.0	10.4
42	6.9	7.0	10.6





#41

Tetrahydrofuran

Concen: 18.036 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.007 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

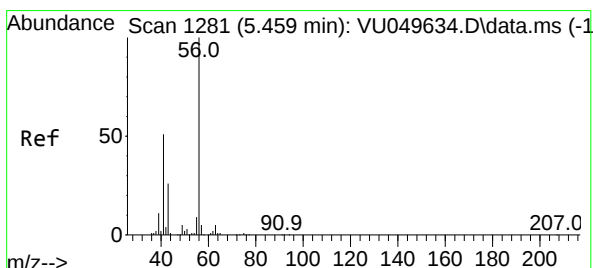
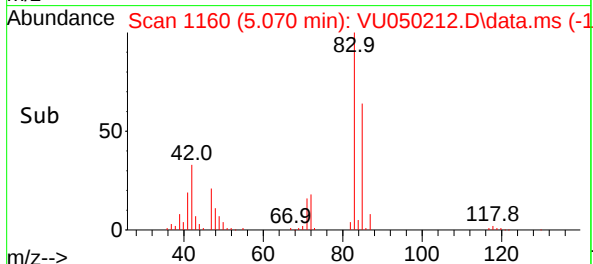
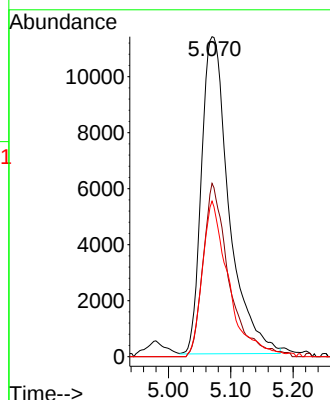
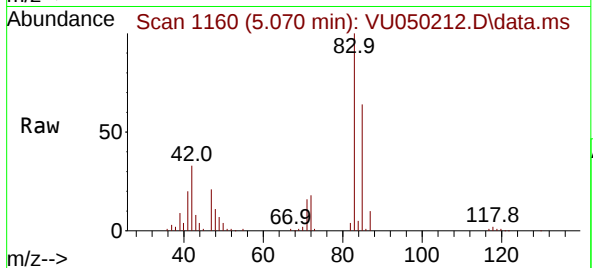
Tgt Ion:	42	Resp:	34800
Ion Ratio	Lower	Upper	
42	100		
72	51.5	38.9	58.3
71	46.9	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#42

1-Chlorobutane

Concen: 9.926 ug/l

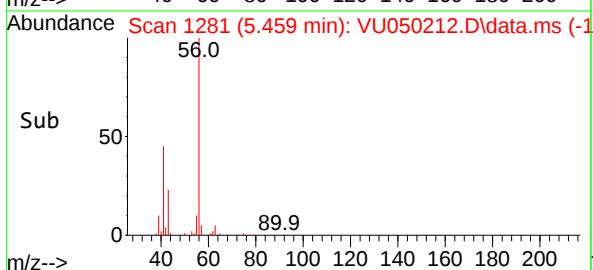
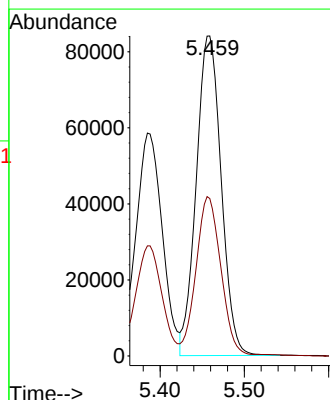
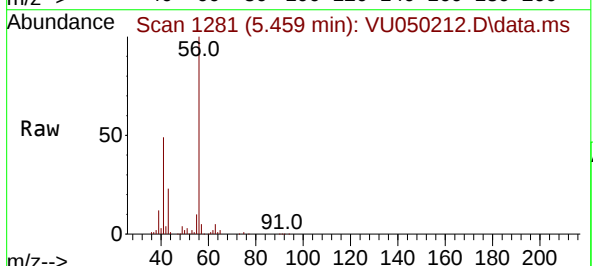
RT: 5.459 min Scan# 1281

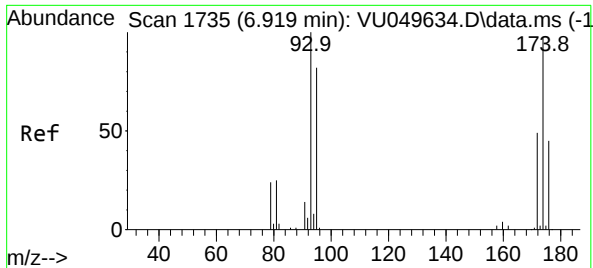
Delta R.T. 0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

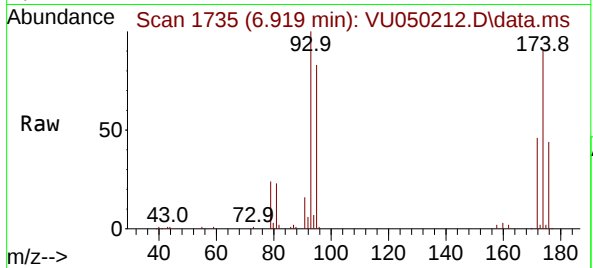
Tgt Ion:	56	Resp:	173109
Ion Ratio	Lower	Upper	
56	100		
41	48.8	26.4	79.2





#43
Dibromomethane
Concen: 11.548 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

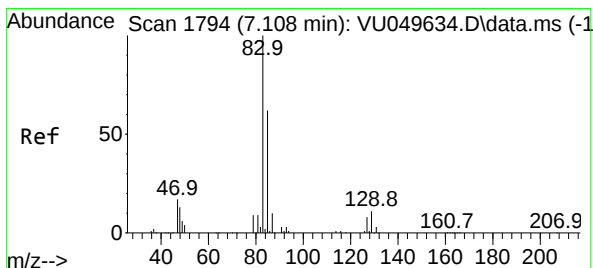
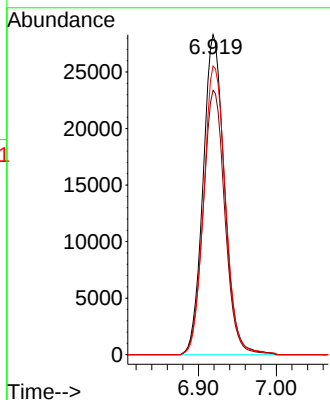
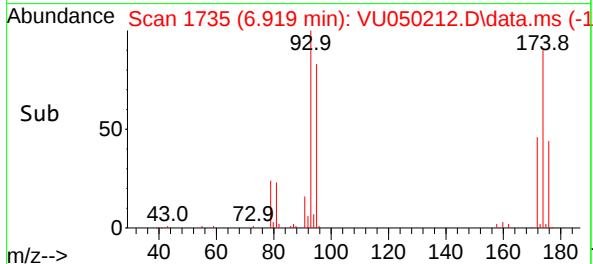
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



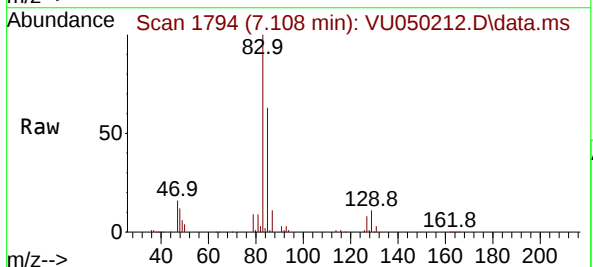
Tgt Ion: 93 Resp: 5398
Ion Ratio Lower Upper
93 100
95 83.9 65.0 97.6
174 91.8 76.3 114.5

Manual Integrations
APPROVED

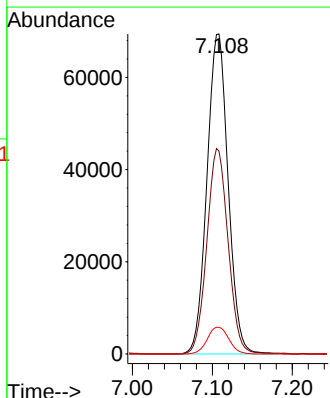
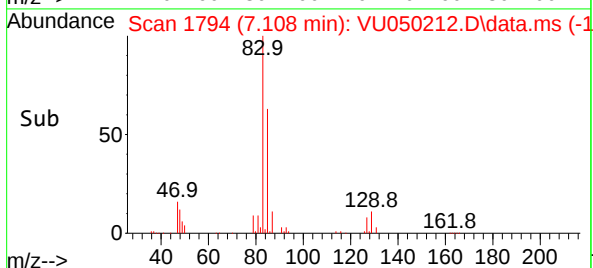
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#44
Bromodichloromethane
Concen: 11.402 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



Tgt Ion: 83 Resp: 127756
Ion Ratio Lower Upper
83 100
85 63.4 49.4 74.0
127 8.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 50.393 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 31973

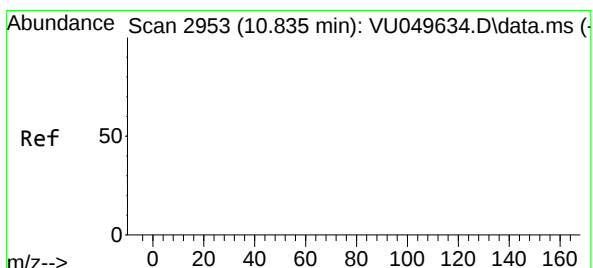
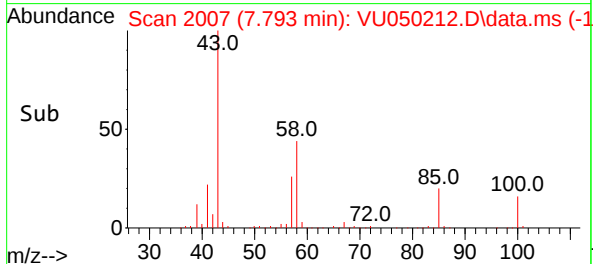
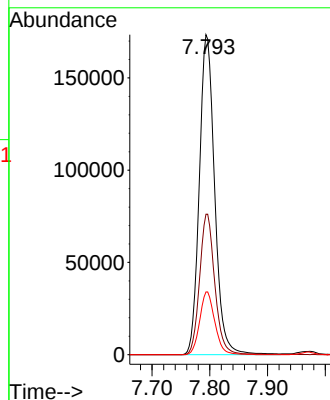
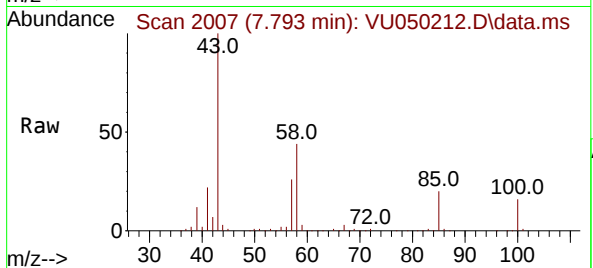
Ion	Ratio	Lower	Upper
43	100		
58	43.5	20.3	61.0
85	19.3	14.6	21.8

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: 21.341 ug/l m

RT: 10.835 min Scan# 2953

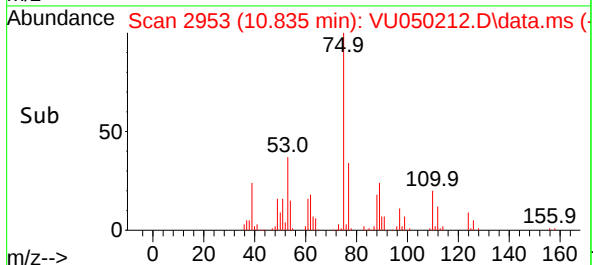
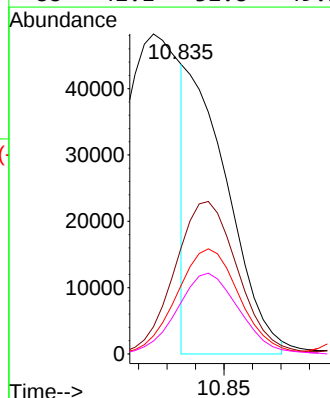
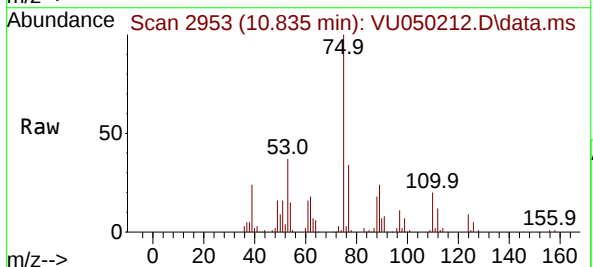
Delta R.T. 0.000 min

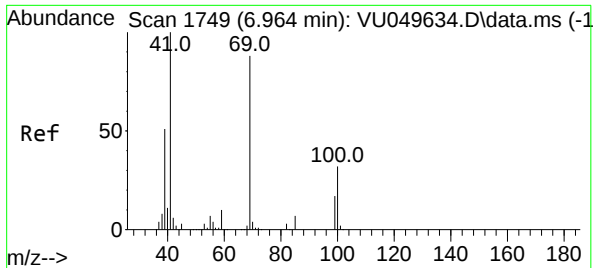
Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Tgt Ion: 75 Resp: 44064

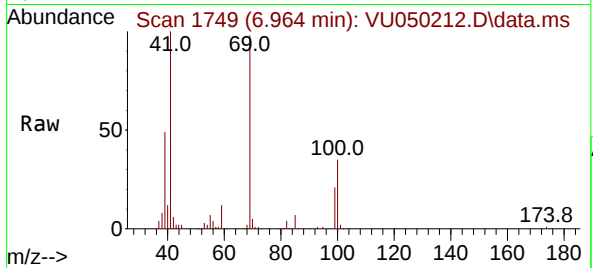
Ion	Ratio	Lower	Upper
75	100		
53	80.9	64.4	96.6
89	55.7	44.2	66.2
88	42.1	32.8	49.2





#47
Methyl methacrylate
Concen: 22.122 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

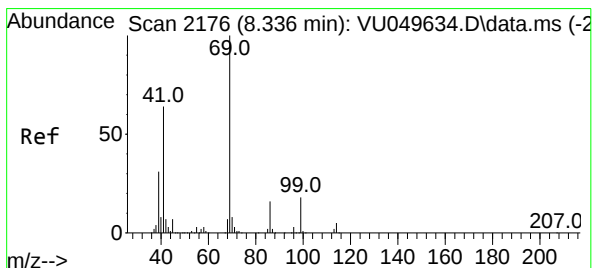
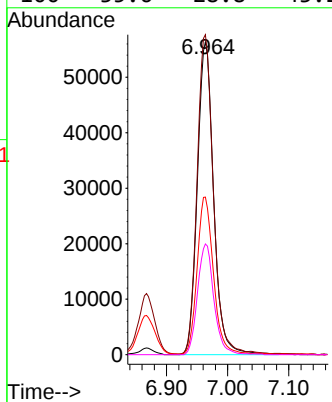
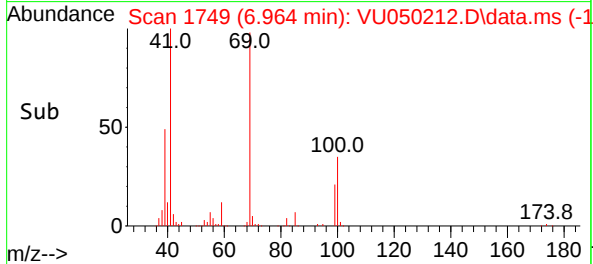
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 104280
Ion Ratio Lower Upper
69 100
41 101.2 0.0 225.4
39 50.2 45.8 68.8
100 35.6 28.8 43.2

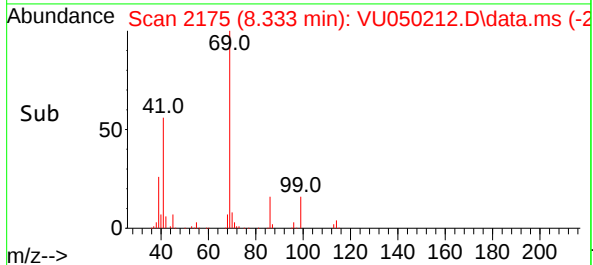
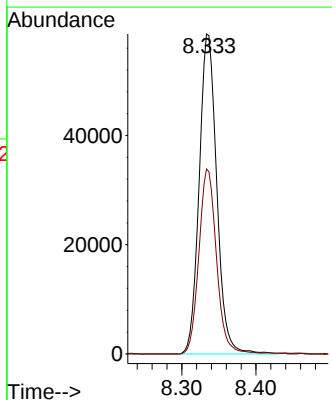
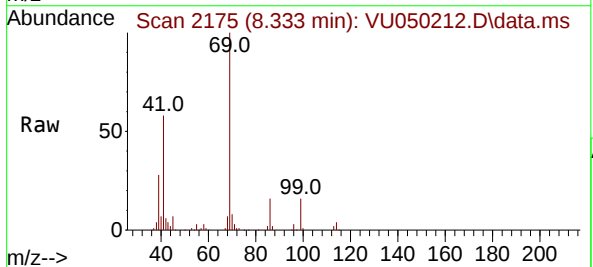
Manual Integrations
APPROVED

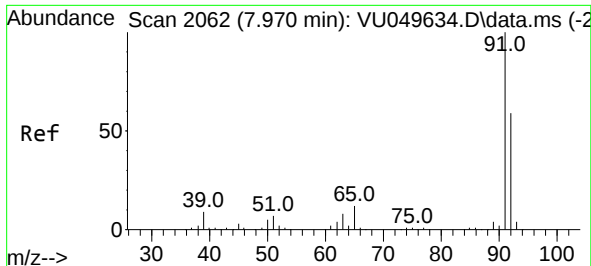
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#48
Ethyl methacrylate
Concen: 10.208 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

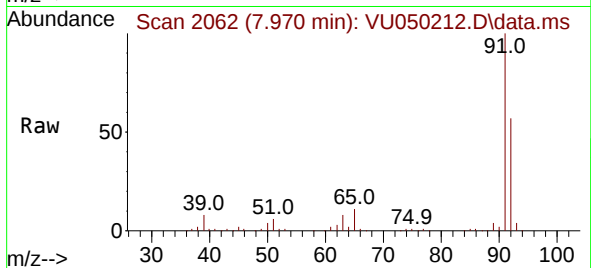
Tgt Ion: 69 Resp: 96540
Ion Ratio Lower Upper
69 100
41 57.8 32.3 96.9





#49
Toluene
Concen: 10.805 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

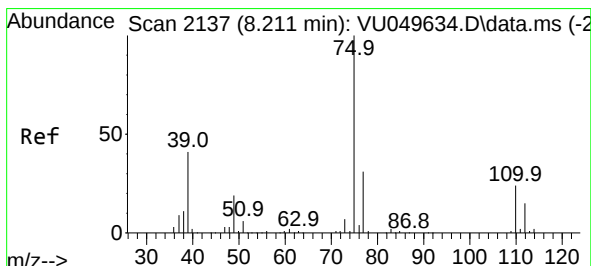
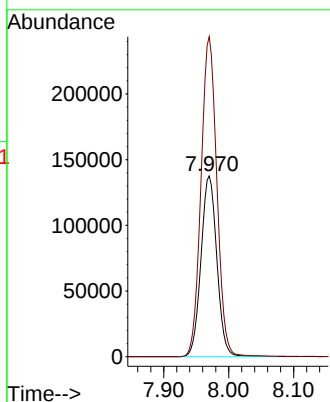
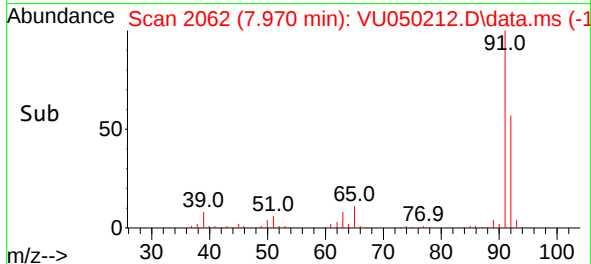
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 23384
Ion Ratio Lower Upper
92 100
91 176.9 138.6 207.8

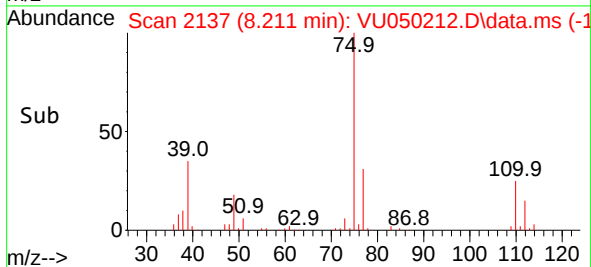
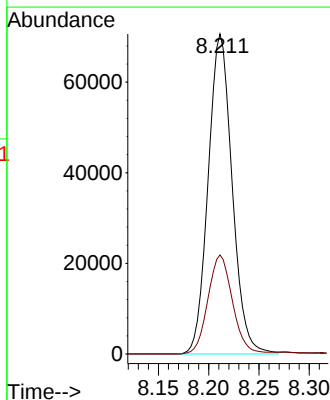
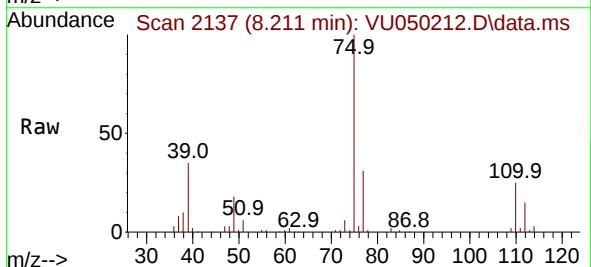
Manual Integrations
APPROVED

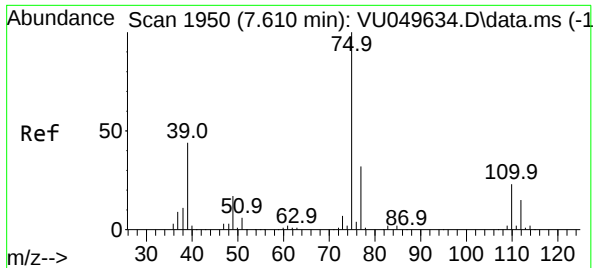
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#50
t-1,3-Dichloropropene
Concen: 10.820 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

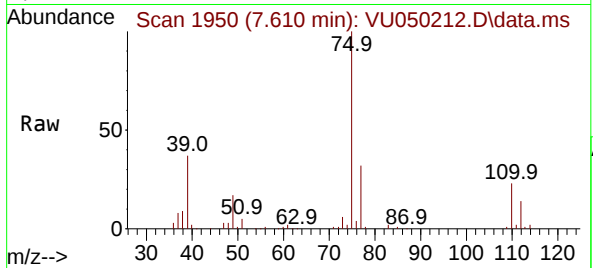
Tgt Ion: 75 Resp: 117099
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 10.559 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

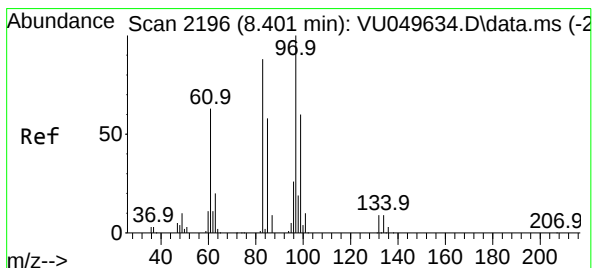
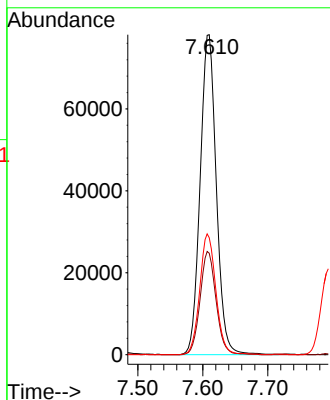
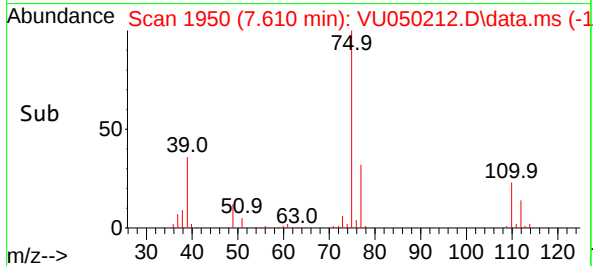
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 75 Resp: 13543
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 36.6 35.1 52.7

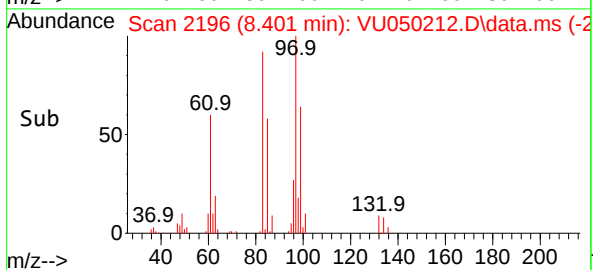
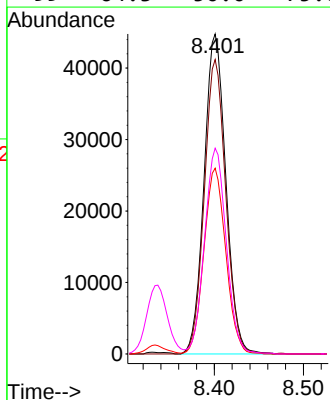
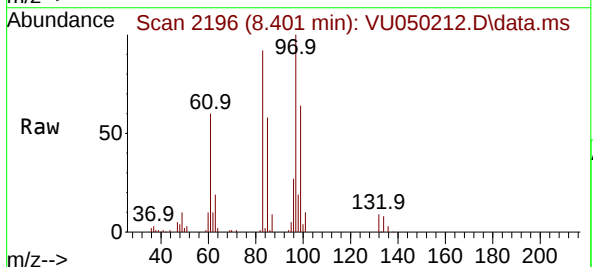
Manual Integrations
 APPROVED

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



#52
 1,1,2-Trichloroethane
 Concen: 11.784 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

Tgt Ion: 97 Resp: 76026
 Ion Ratio Lower Upper
 97 100
 83 92.0 70.6 106.0
 85 58.0 46.2 69.4
 99 64.3 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.249 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 13026

Ion Ratio Lower Upper

76 100

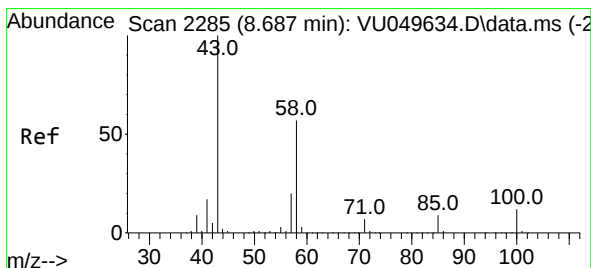
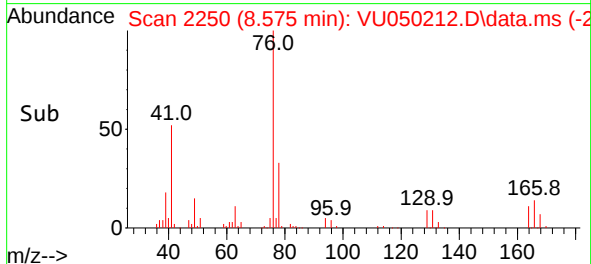
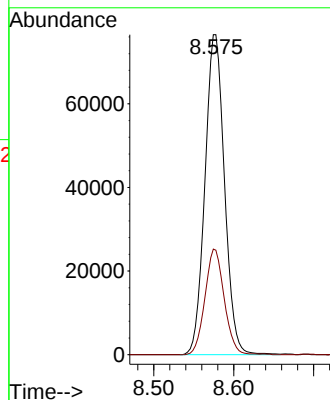
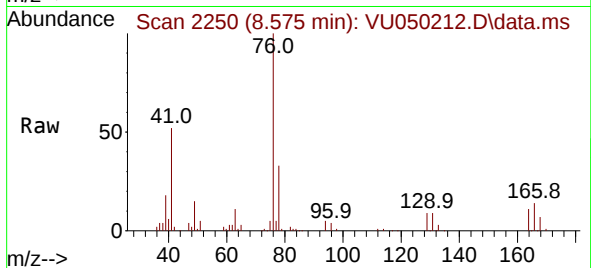
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 51.430 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

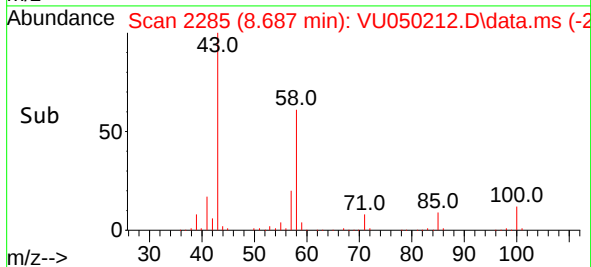
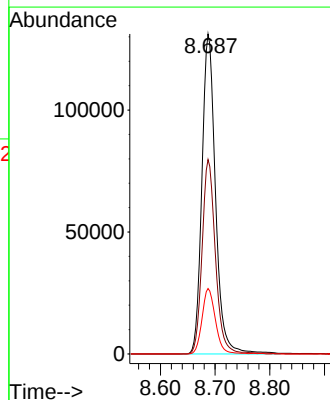
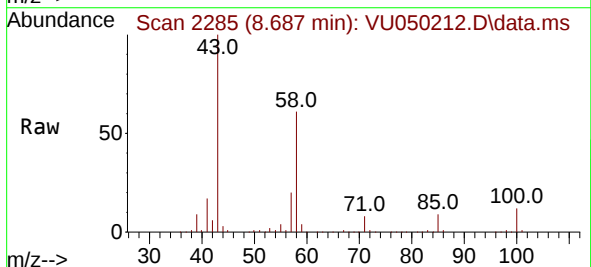
Tgt Ion: 43 Resp: 226626

Ion Ratio Lower Upper

43 100

58 59.7 37.1 77.1

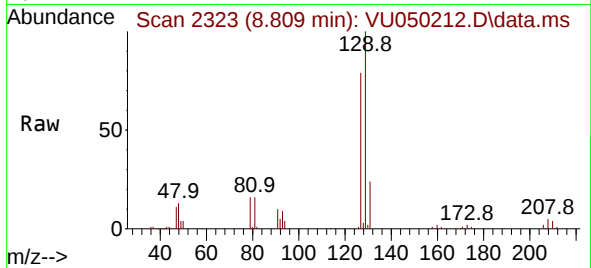
57 20.1 0.0 39.5





#55
Dibromochloromethane
Concen: 11.554 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

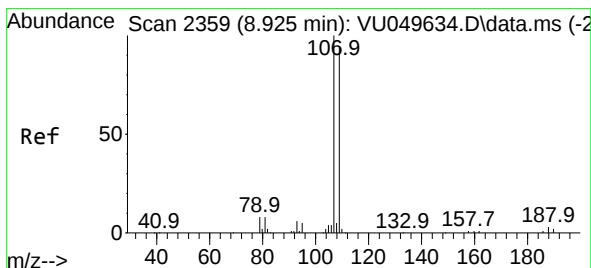
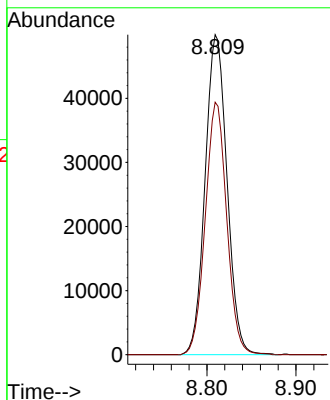
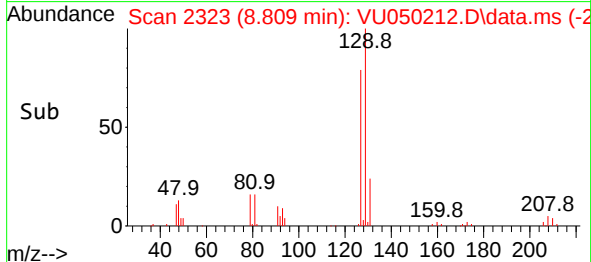
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



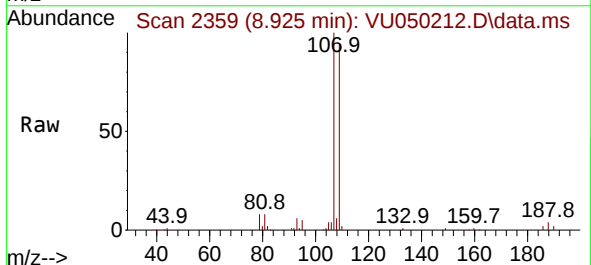
Tgt Ion:129 Resp: 85149
Ion Ratio Lower Upper
129 100
127 77.3 61.2 91.8

Manual Integrations
APPROVED

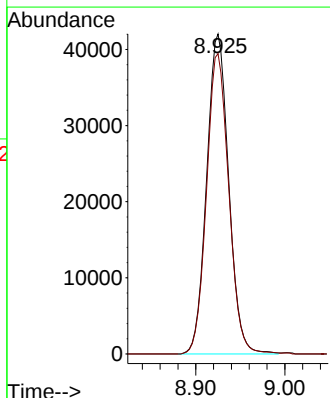
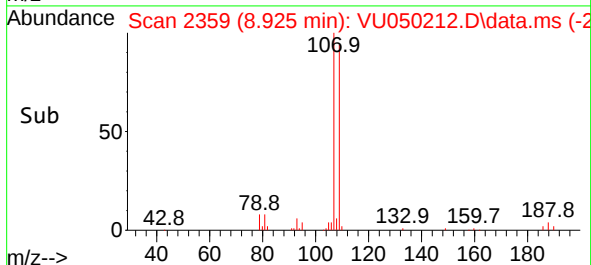
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

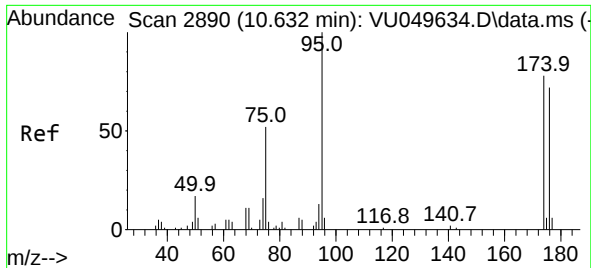


#56
1,2-Dibromoethane
Concen: 11.567 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



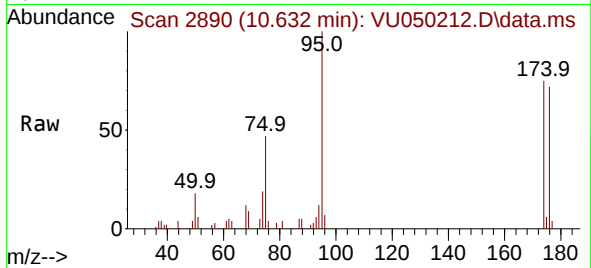
Tgt Ion:107 Resp: 72269
Ion Ratio Lower Upper
107 100
109 94.6 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.956 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

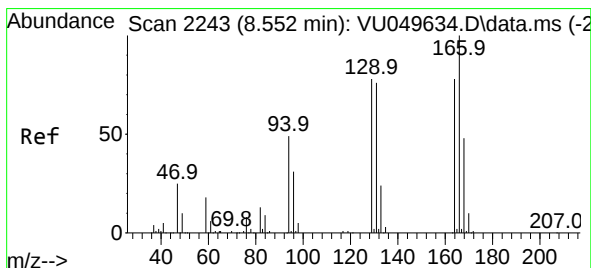
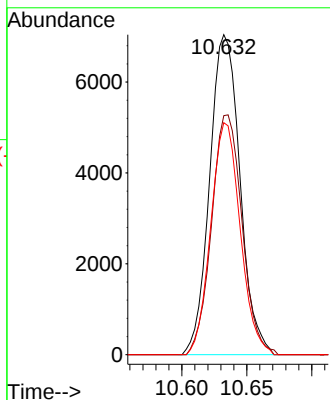
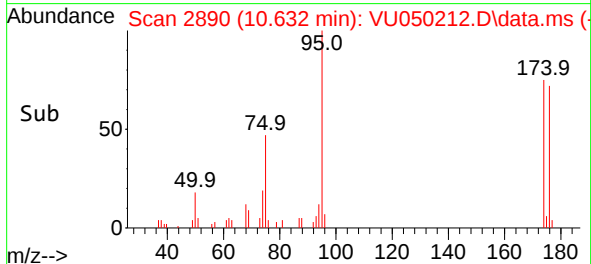
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 11418
Ion Ratio Lower Upper
95 100
174 75.2 62.4 93.6
176 70.4 56.2 84.2

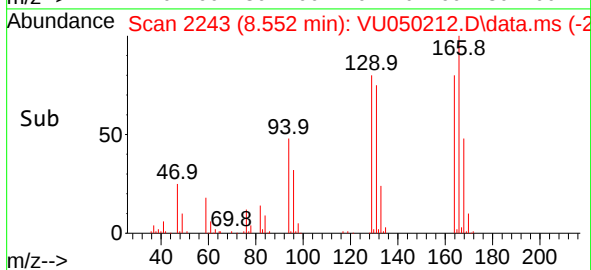
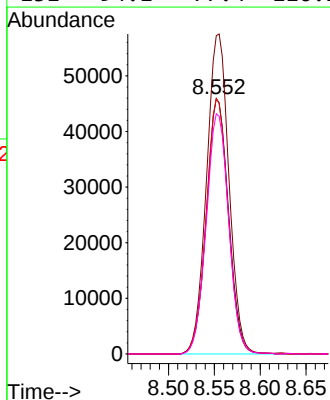
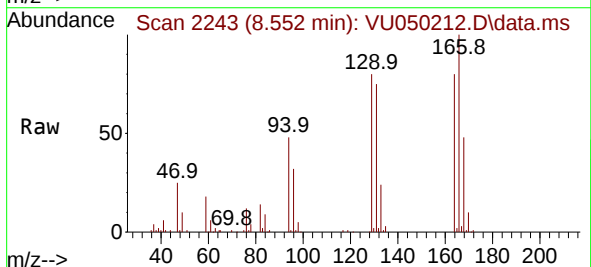
Manual Integrations
APPROVED

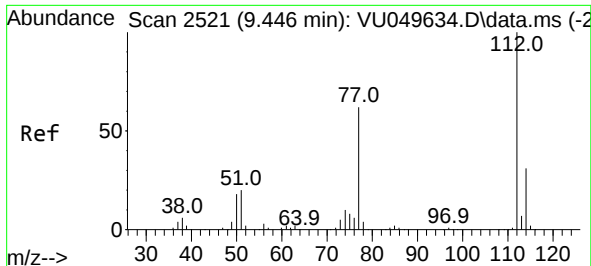
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#58
Tetrachloroethene
Concen: 10.404 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

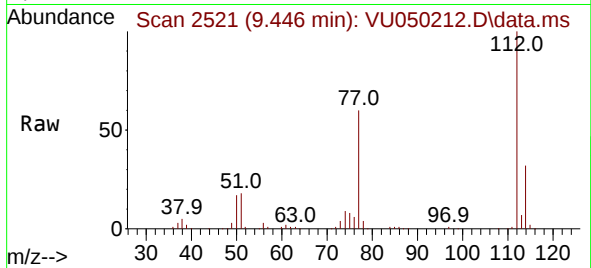
Tgt Ion:164 Resp: 77485
Ion Ratio Lower Upper
164 100
166 124.6 102.4 153.6
129 100.0 79.5 119.3
131 94.1 77.4 116.2





#59
Chlorobenzene
Concen: 10.732 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

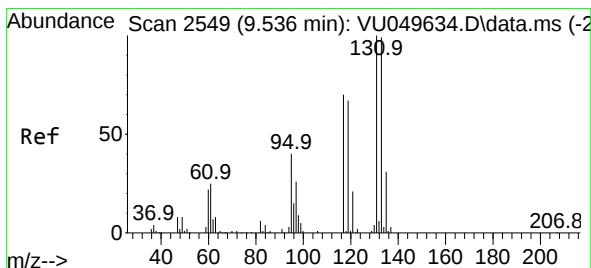
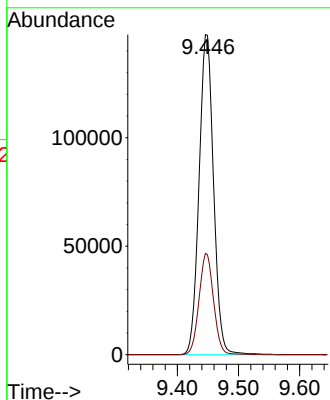
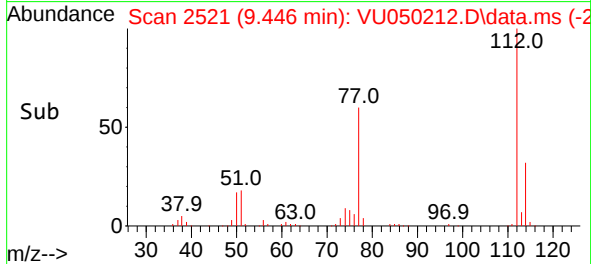
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



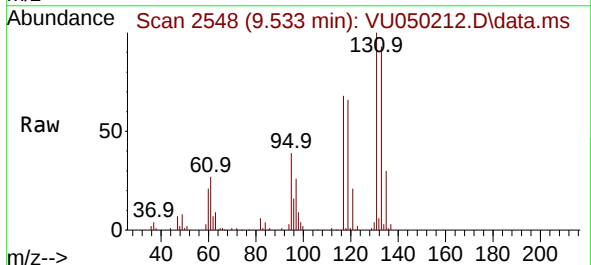
Tgt Ion:112 Resp: 24297
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3

Manual Integrations
APPROVED

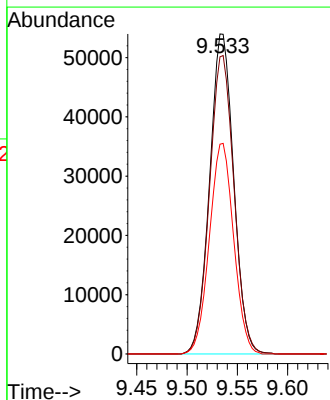
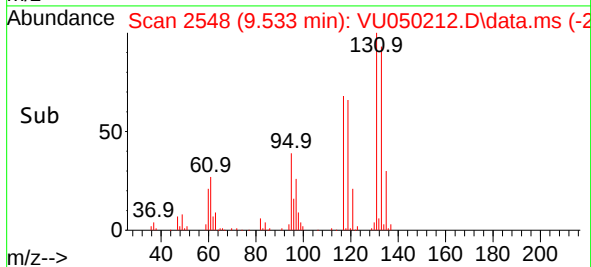
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

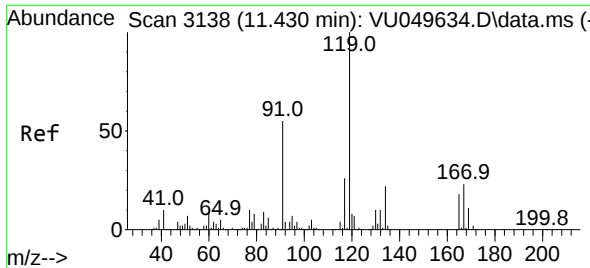


#60
1,1,1,2-Tetrachloroethane
Concen: 11.166 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



Tgt Ion:131 Resp: 89921
Ion Ratio Lower Upper
131 100
133 94.8 78.3 117.5
119 66.2 53.2 79.8





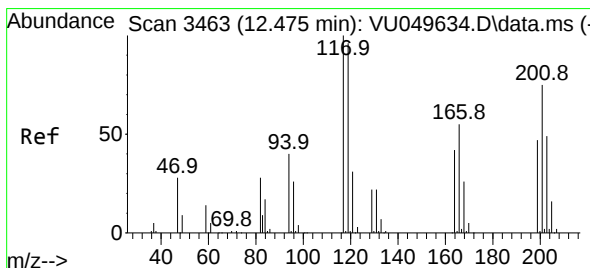
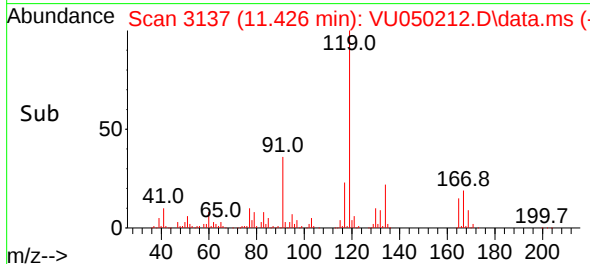
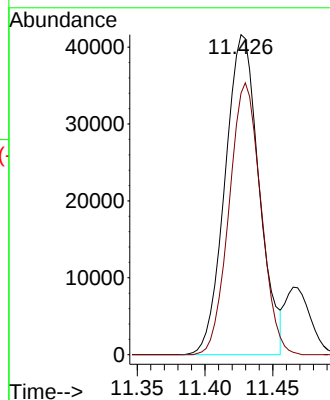
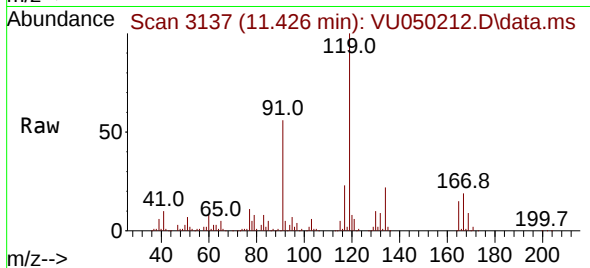
#61
Pentachloroethane
Concen: 11.771 ug/l
RT: 11.426 min Scan# 3138
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 72780
Ion Ratio Lower Upper
117 100
167 79.1 66.2 99.4

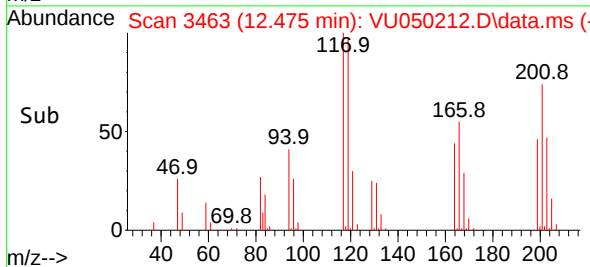
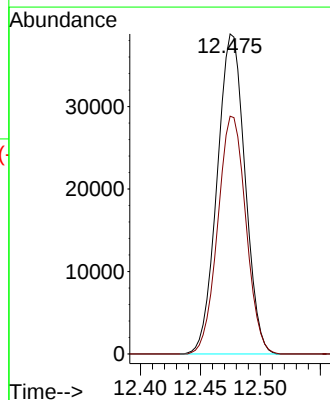
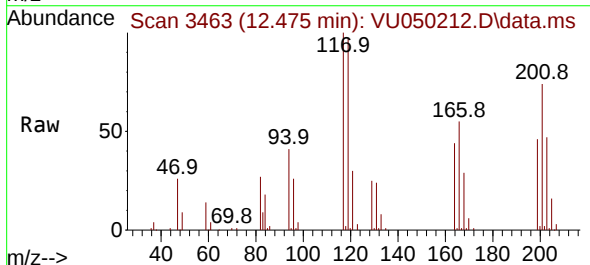
Manual Integrations
APPROVED

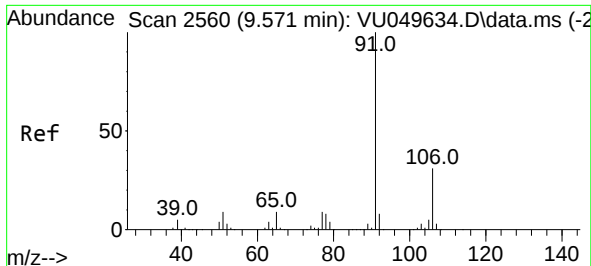
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#62
Hexachloroethane
Concen: 10.121 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

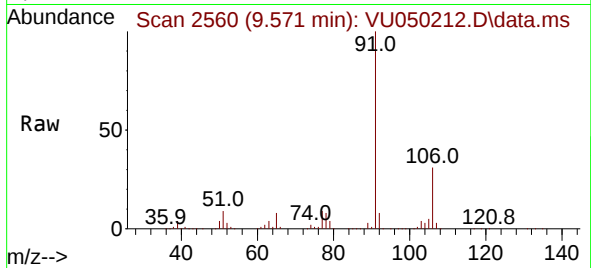
Tgt Ion:117 Resp: 62678
Ion Ratio Lower Upper
117 100
201 74.9 61.0 91.4





#63
Ethyl Benzene
Concen: 10.543 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

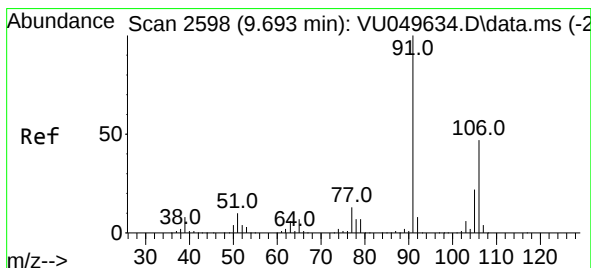
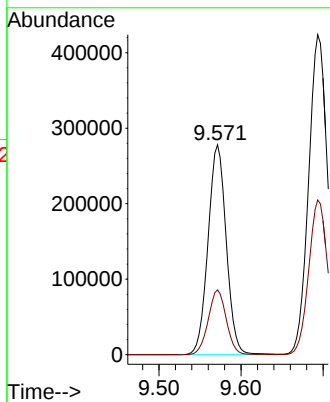
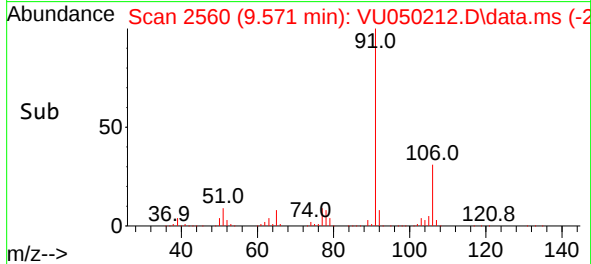
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



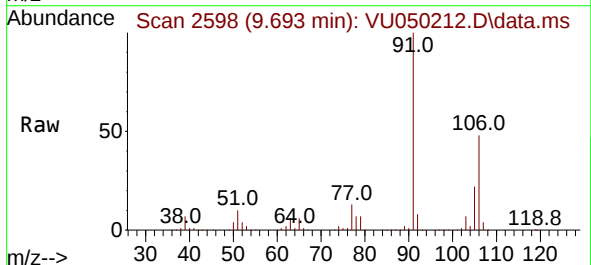
Tgt Ion: 91 Resp: 429610
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

Manual Integrations
APPROVED

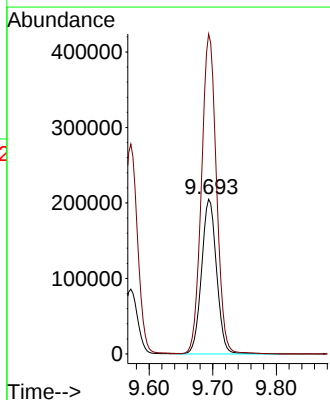
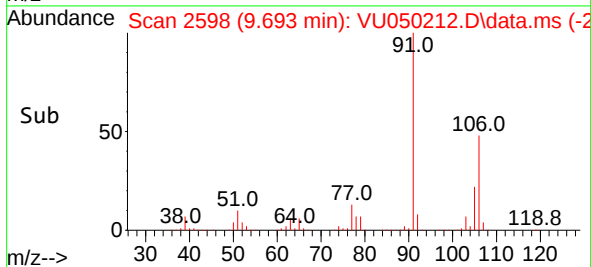
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

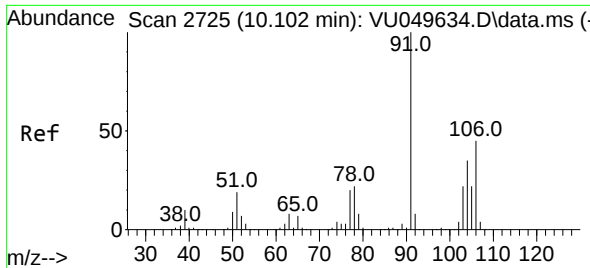


#64
m/p-Xylenes
Concen: 22.265 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



Tgt Ion:106 Resp: 335630
Ion Ratio Lower Upper
106 100
91 206.3 167.8 251.6





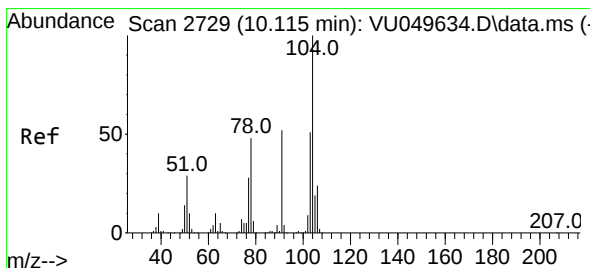
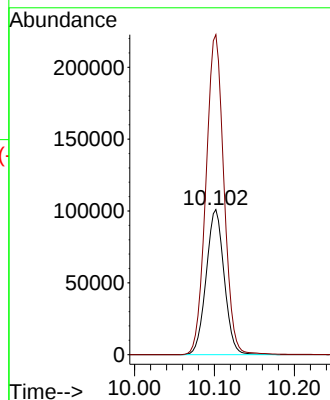
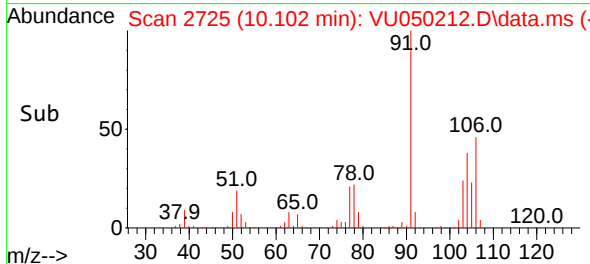
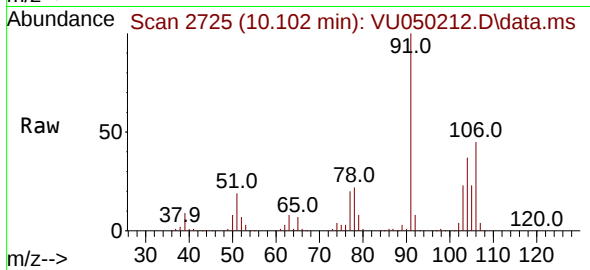
#65
o-Xylene
Concen: 10.688 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 158352
Ion Ratio Lower Upper
106 100
91 220.1 111.1 333.2

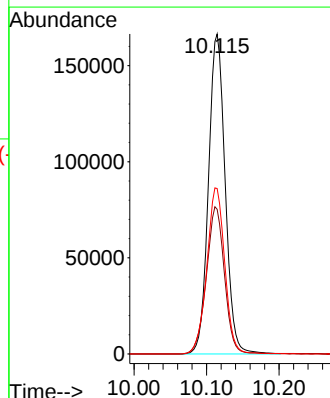
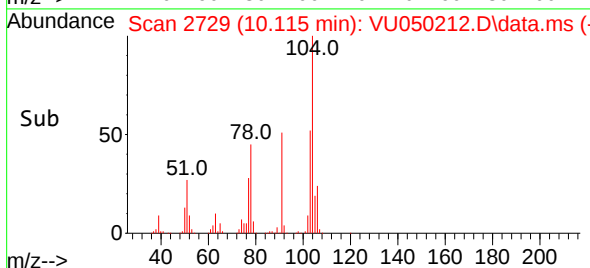
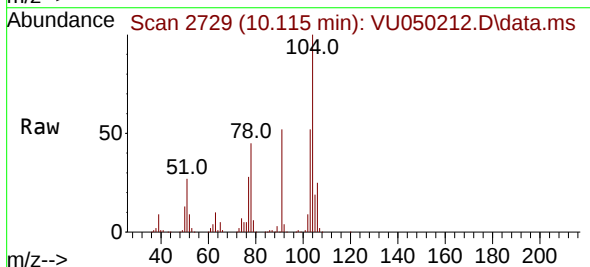
Manual Integrations
APPROVED

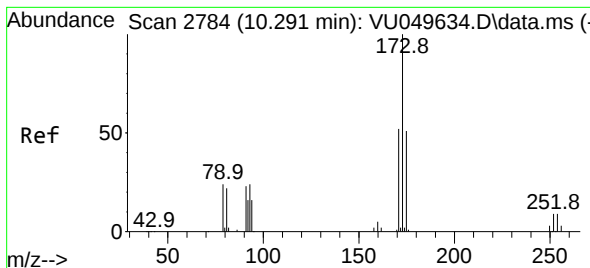
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 11.196 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion:104 Resp: 266485
Ion Ratio Lower Upper
104 100
78 49.6 42.1 63.1
103 55.9 44.5 66.7





#67

Bromoform

Concen: 11.806 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

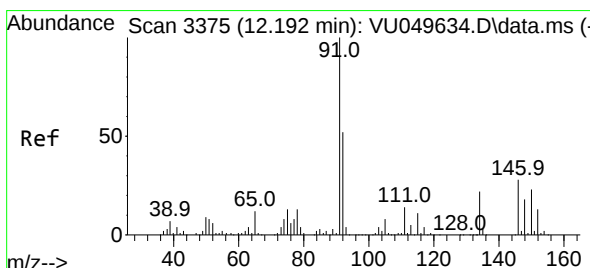
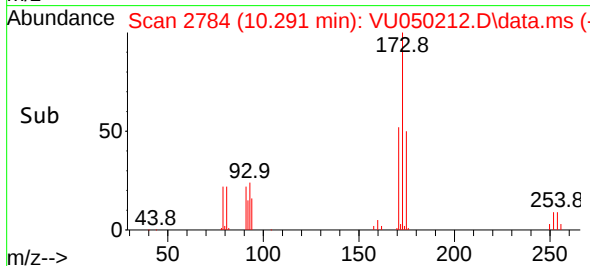
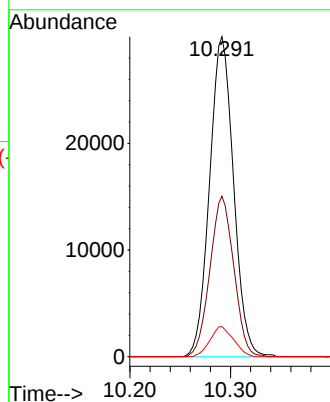
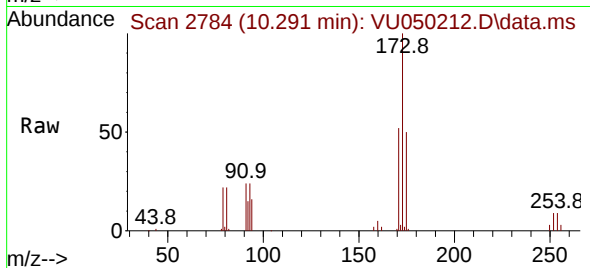
Tgt Ion:173	Resp:	49650
Ion Ratio	Lower	Upper
173	100	
175	49.8	38.4 57.6
254	9.2	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.029 ug/l

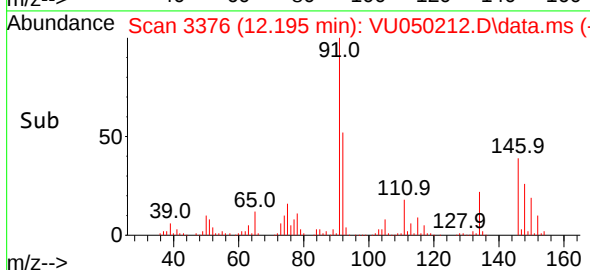
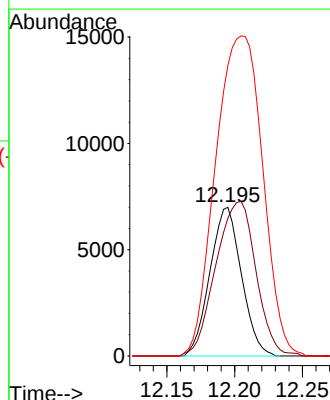
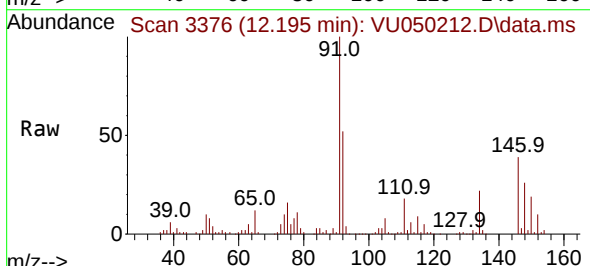
RT: 12.195 min Scan# 3376

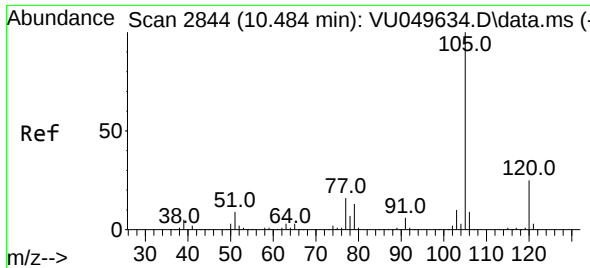
Delta R.T. 0.003 min

Lab File: VU050212.D

Acq: 10 Aug 2022 11:02

Tgt Ion:152	Resp:	11308
Ion Ratio	Lower	Upper
152	100	
115	132.5	0.0 254.6
150	321.8	0.0 623.6





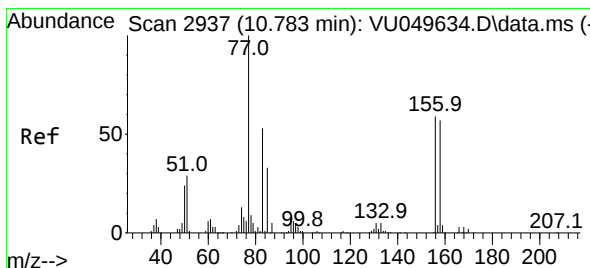
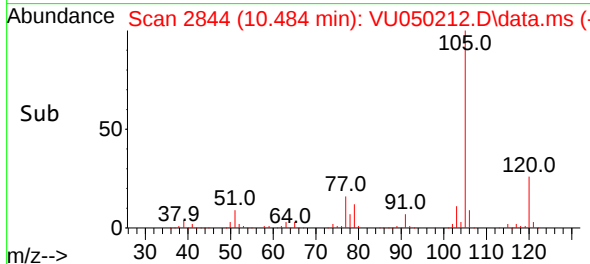
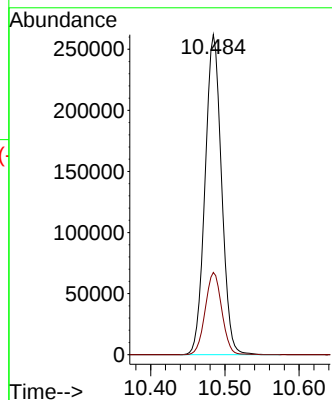
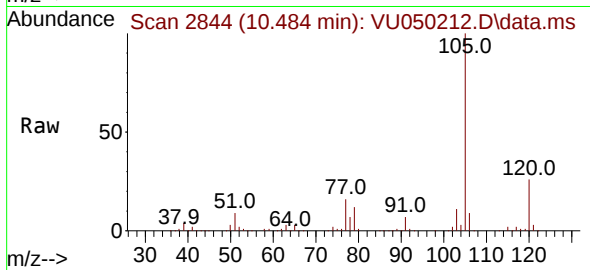
#69
Isopropylbenzene
Concen: 10.174 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 402572
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8

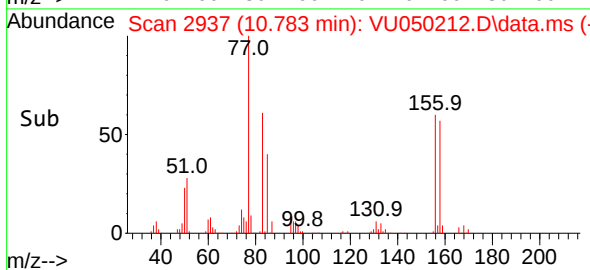
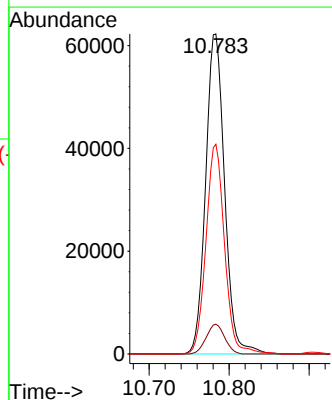
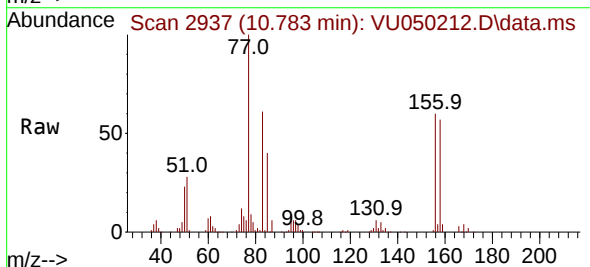
Manual Integrations
APPROVED

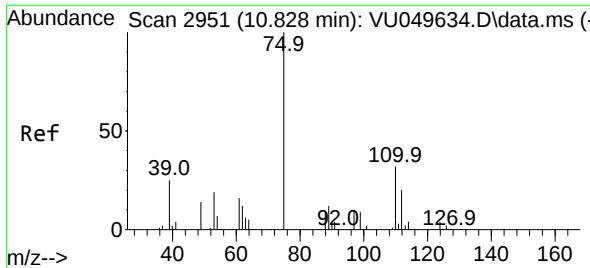
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 12.242 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

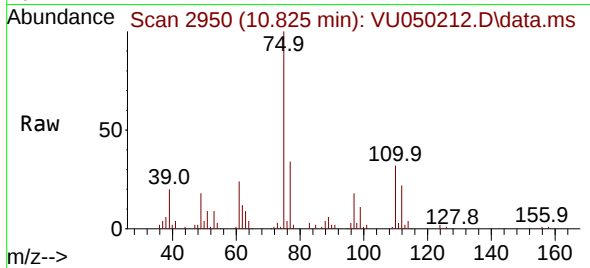
Tgt Ion: 83 Resp: 102609
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 64.3 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 10.475 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

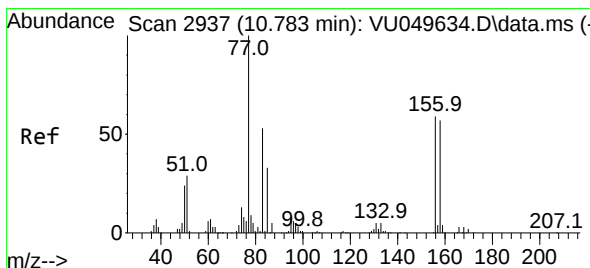
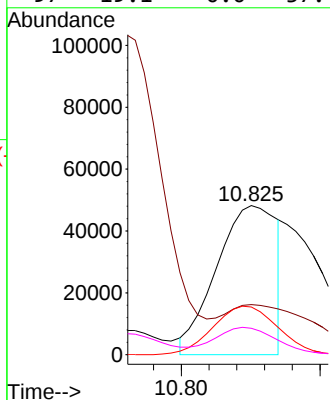
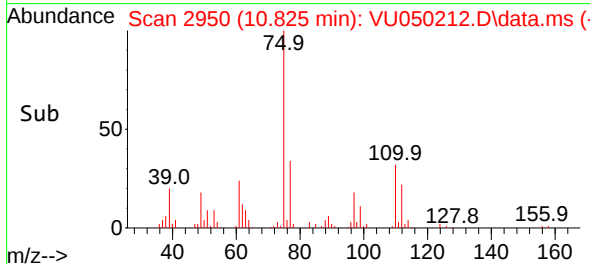
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



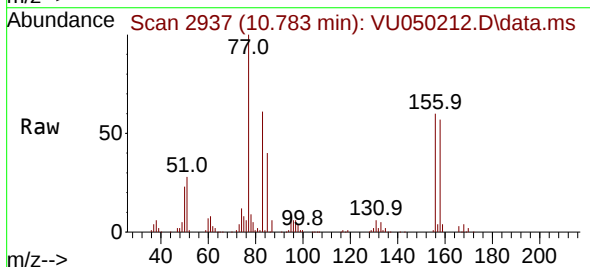
Tgt Ion: 75 Resp: 7269
Ion Ratio Lower Upper
75 100
77 48.9 0.0 112.4
110 35.3 0.0 70.6
97 19.1 0.0 37.4

Manual Integrations
APPROVED

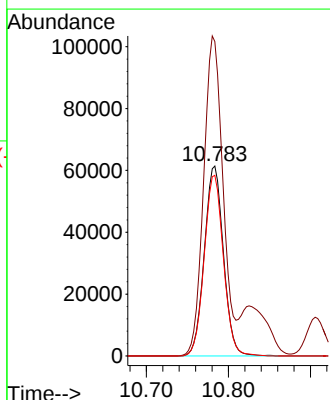
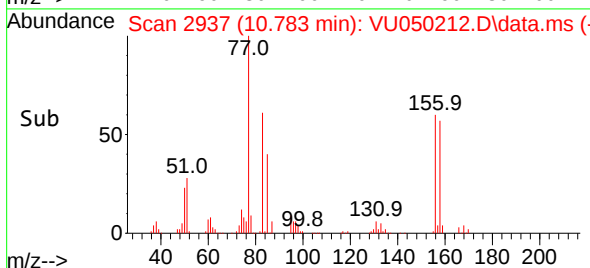
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

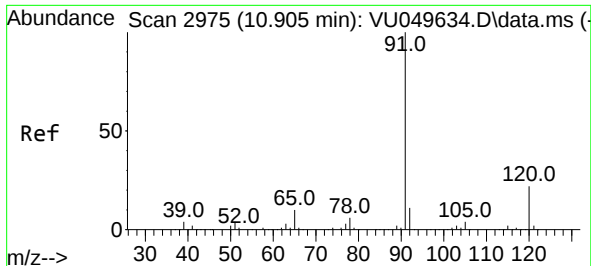


#72
Bromobenzene
Concen: 11.152 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



Tgt Ion:156 Resp: 99441
Ion Ratio Lower Upper
156 100
77 169.7 0.0 344.4
158 95.6 0.0 192.2





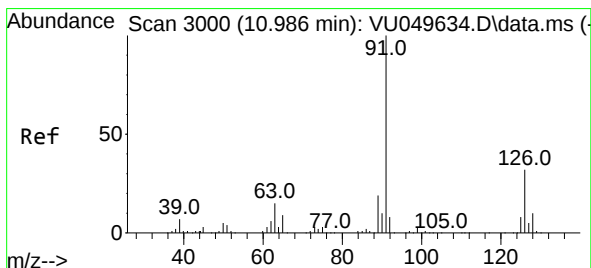
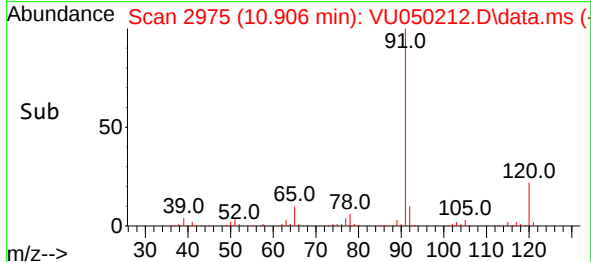
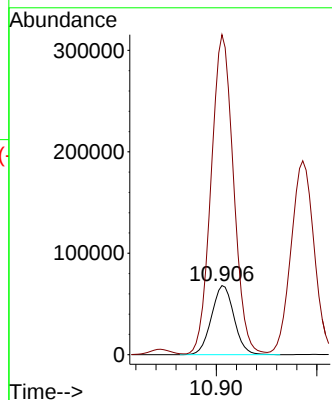
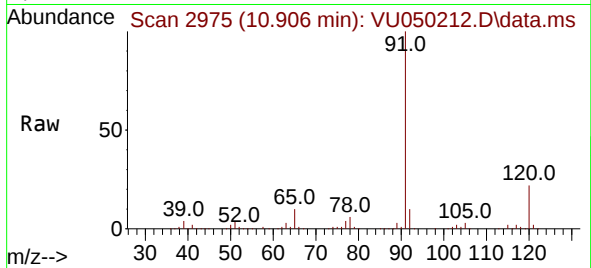
#73
n-propylbenzene
Concen: 10.581 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:120 Resp: 10566
Ion Ratio Lower Upper
120 100
91 460.2 367.8 551.6

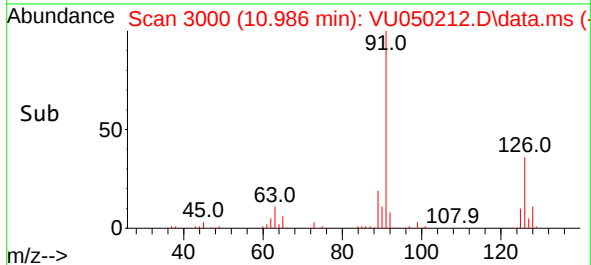
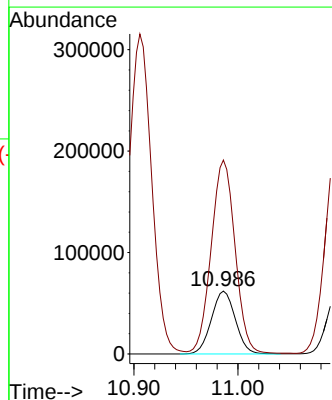
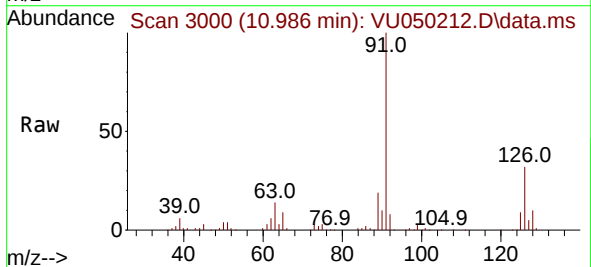
Manual Integrations
APPROVED

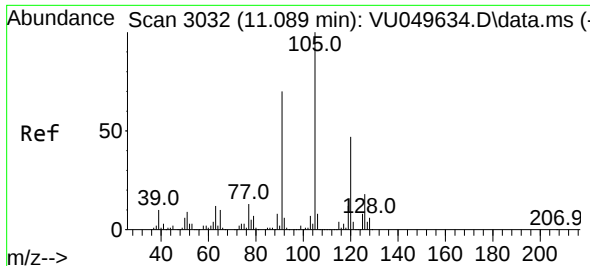
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 11.145 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

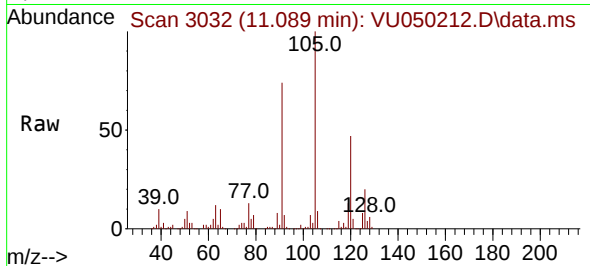
Tgt Ion:126 Resp: 99229
Ion Ratio Lower Upper
126 100
91 306.2 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 10.708 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

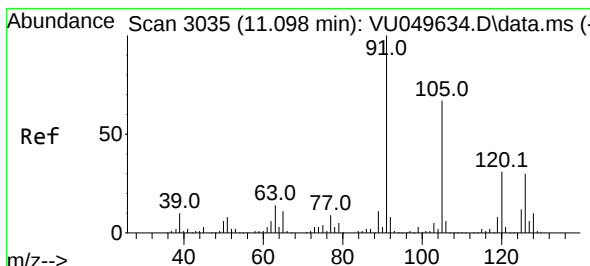
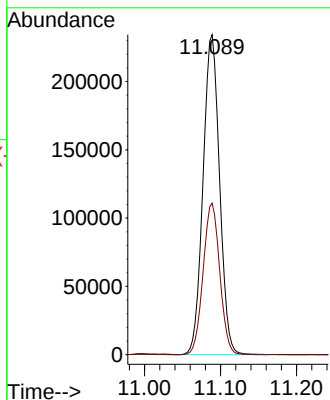
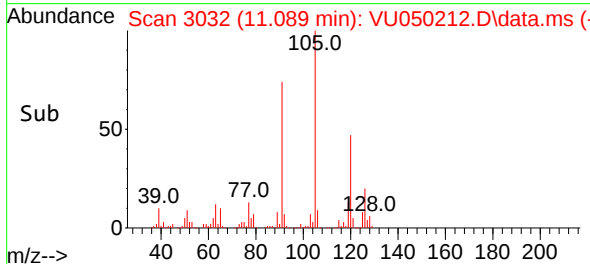
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



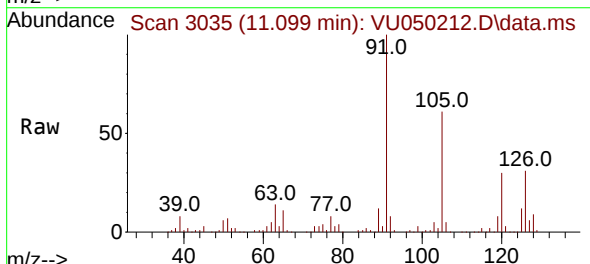
Tgt Ion:105 Resp: 354200
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4

Manual Integrations
APPROVED

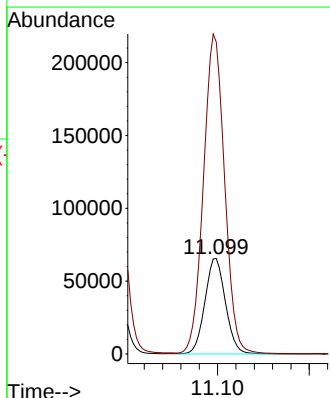
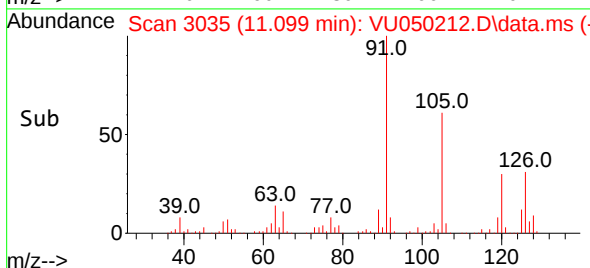
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

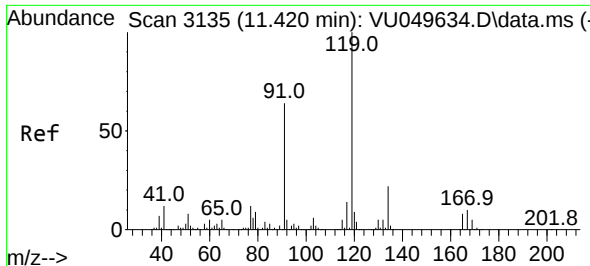


#76
4-Chlorotoluene
Concen: 11.442 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



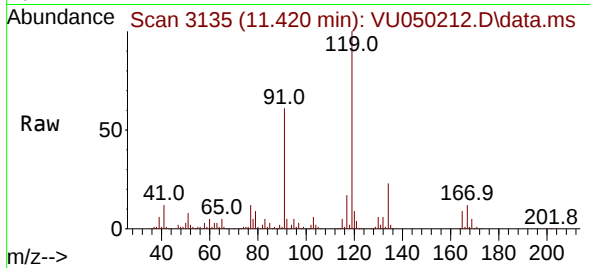
Tgt Ion:126 Resp: 102175
Ion Ratio Lower Upper
126 100
91 343.7 0.0 738.8





#77
 tert-Butylbenzene
 Concen: 10.246 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

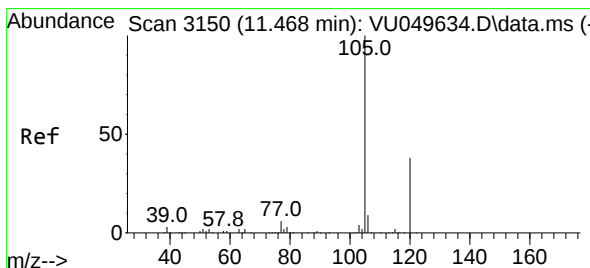
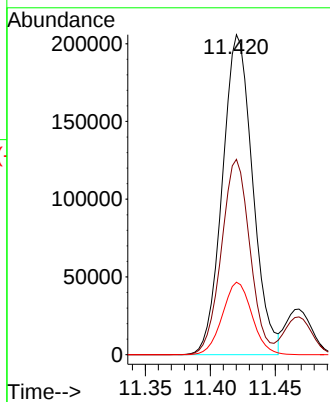
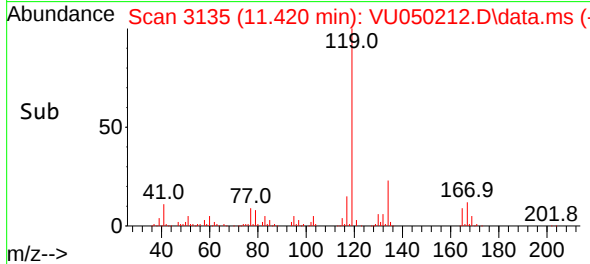
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion:119 Resp: 333744
 Ion Ratio Lower Upper
 119 100
 91 57.7 30.4 91.3
 134 22.1 17.8 26.6

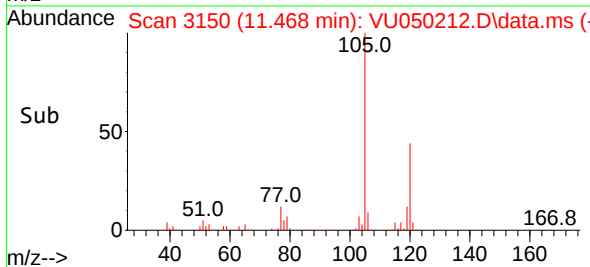
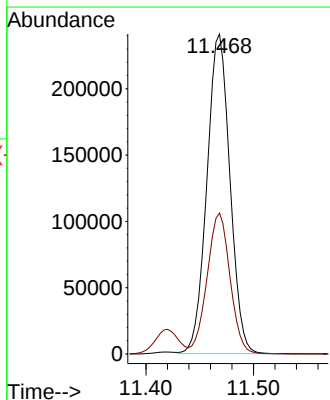
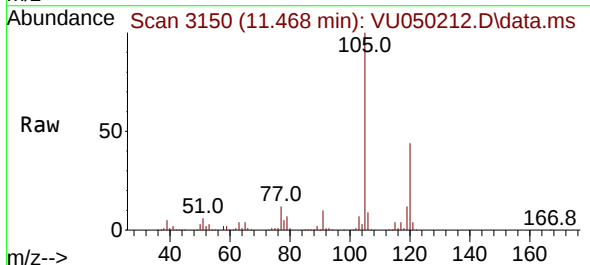
Manual Integrations
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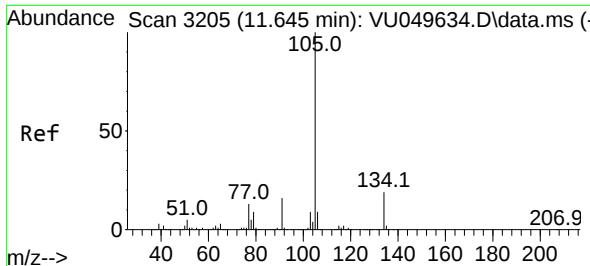
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#78
 1,2,4-Trimethylbenzene
 Concen: 10.793 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

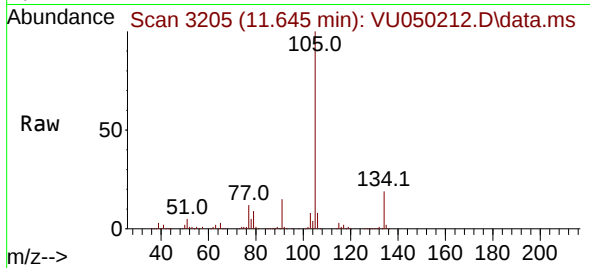
Tgt Ion:105 Resp: 358434
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 9.948 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

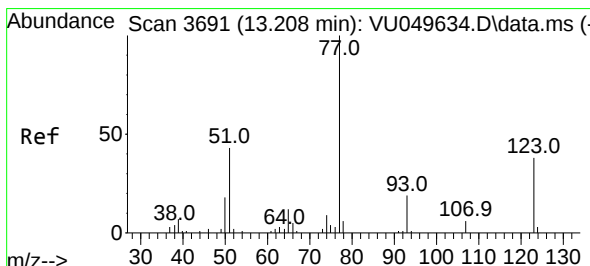
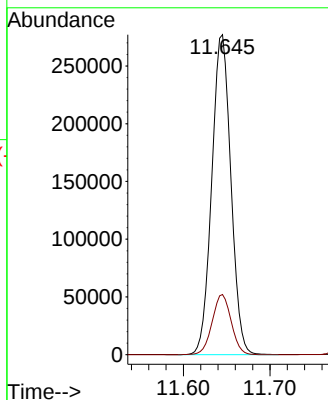
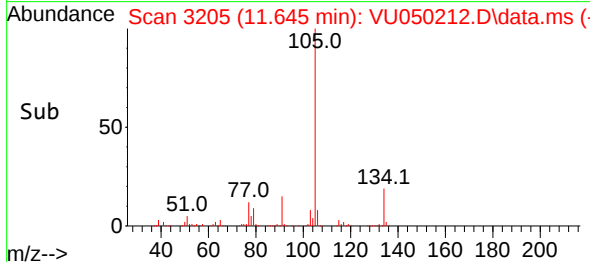
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



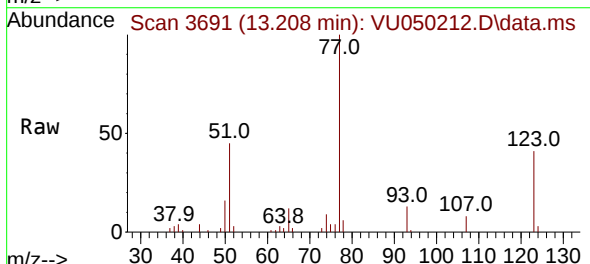
Tgt Ion:105 Resp: 425004
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.0

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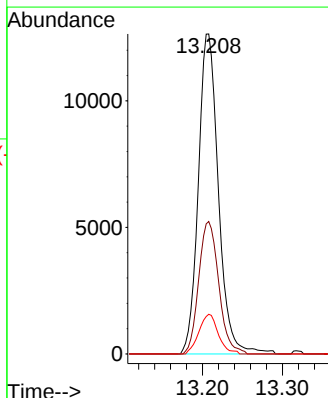
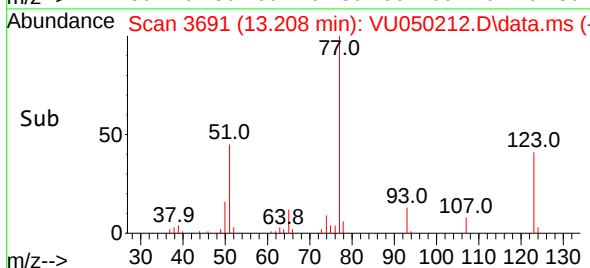
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

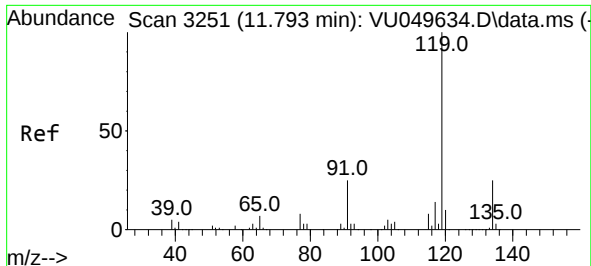


#80
 Nitrobenzene
 Concen: 64.502 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02



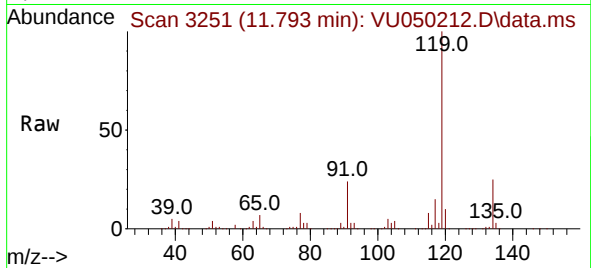
Tgt Ion: 77 Resp: 22117
 Ion Ratio Lower Upper
 77 100
 123 41.2 18.1 64.3
 65 12.0 10.8 13.8





#81
p-Isopropyltoluene
Concen: 9.874 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

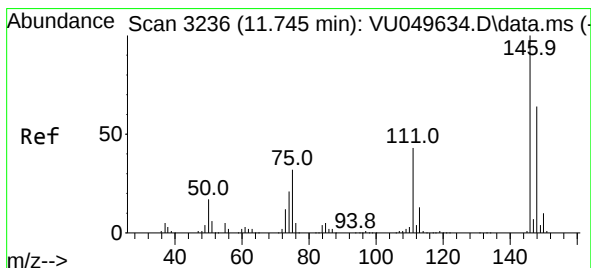
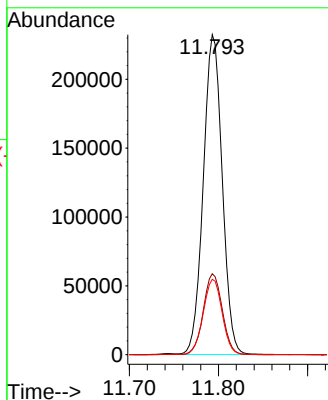
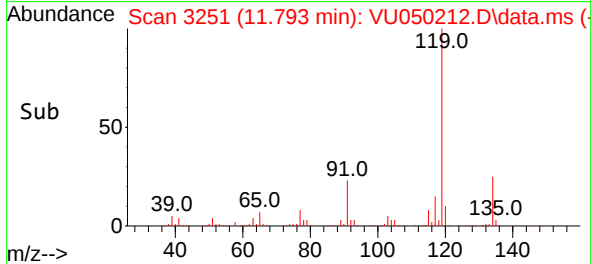
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



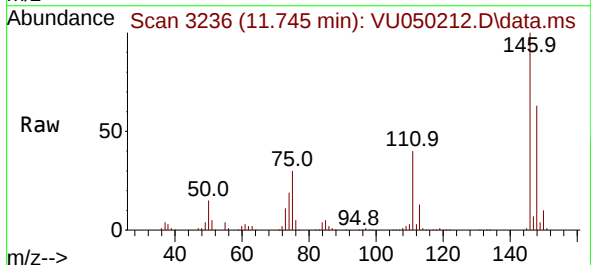
Tgt Ion:119 Resp: 34218
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 23.7 19.8 29.6

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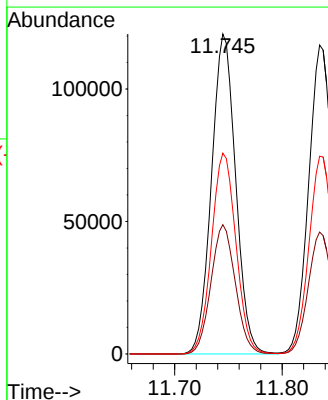
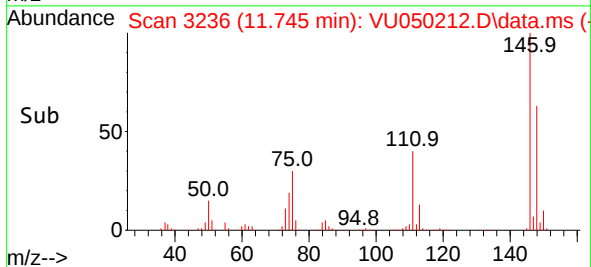
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

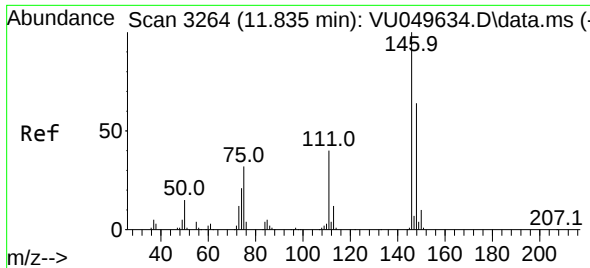


#82
1,3-Dichlorobenzene
Concen: 10.937 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



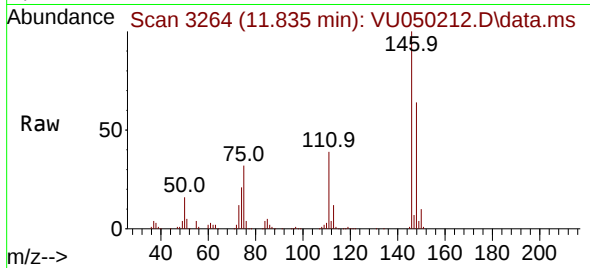
Tgt Ion:146 Resp: 188651
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.2
148 63.6 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 10.599 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

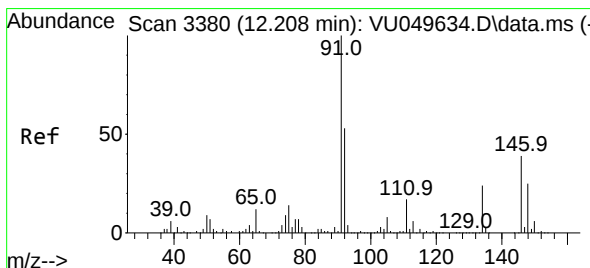
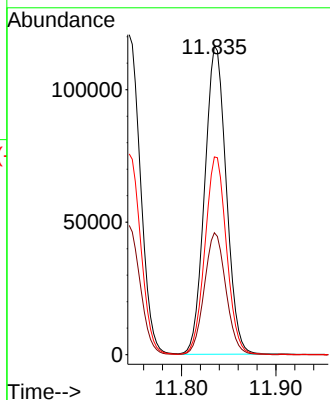
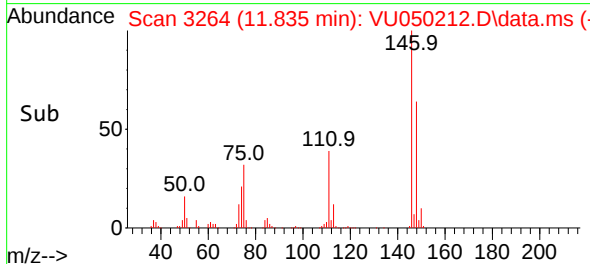
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



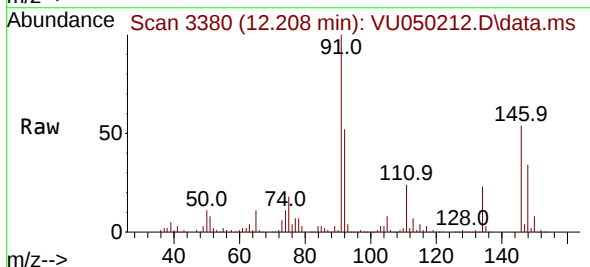
Tgt Ion:146 Resp: 184480
Ion Ratio Lower Upper
146 100
111 39.6 32.6 49.0
148 64.5 51.6 77.4

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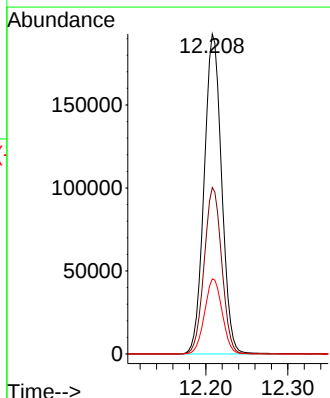
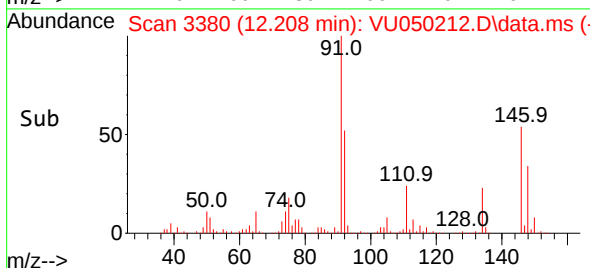
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

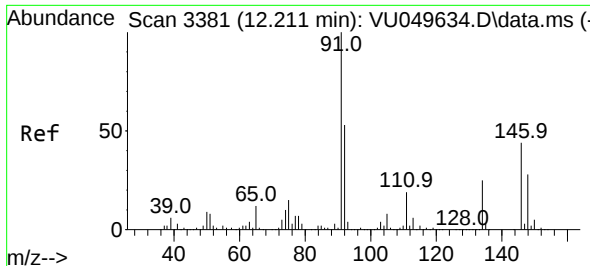


#84
n-Butylbenzene
Concen: 8.861 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



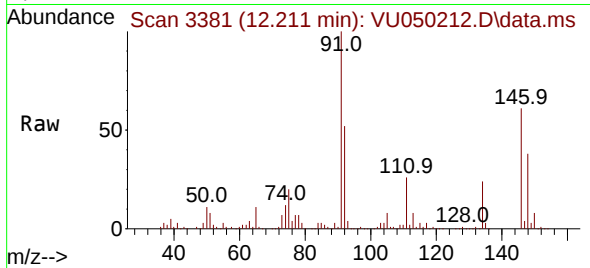
Tgt Ion: 91 Resp: 285987
Ion Ratio Lower Upper
91 100
92 52.1 42.3 63.5
134 23.6 19.6 29.4





#85
 1,2-Dichlorobenzene
 Concen: 10.930 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

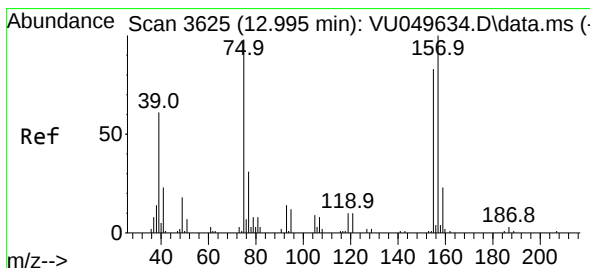
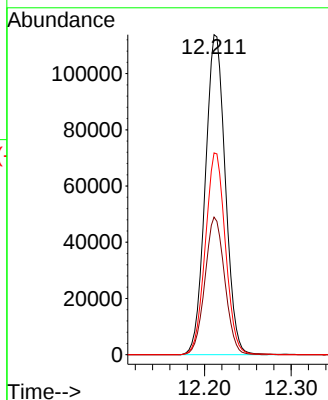
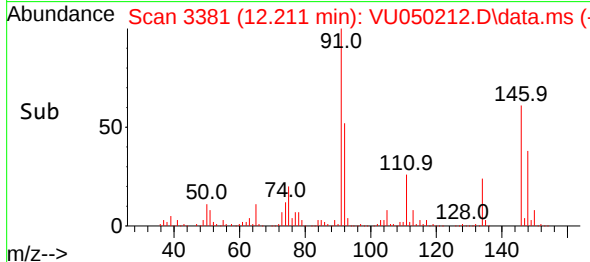
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion:146 Resp: 18265
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.1 66.1
 148 63.4 32.1 96.3

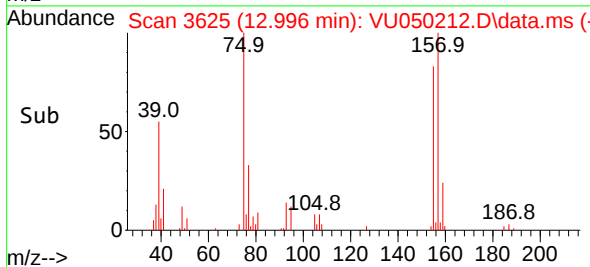
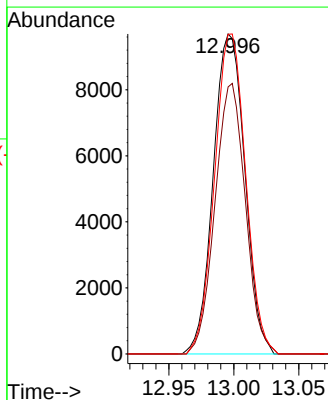
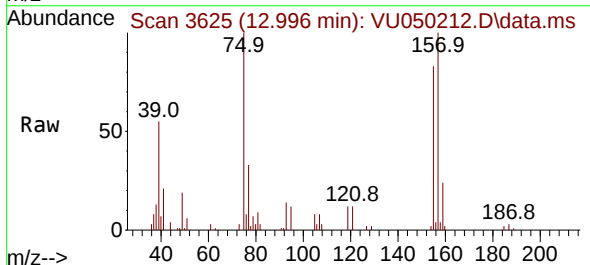
Manual Integrations
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Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.194 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU050212.D
 Acq: 10 Aug 2022 11:02

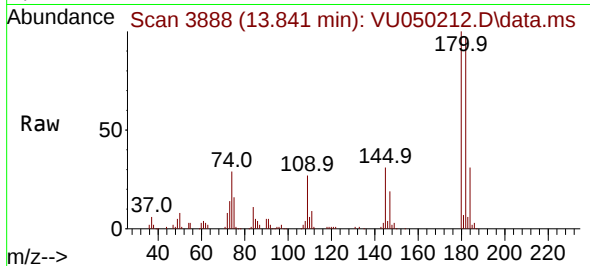
Tgt Ion: 75 Resp: 16363
 Ion Ratio Lower Upper
 75 100
 155 81.4 66.8 100.2
 157 98.5 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 9.473 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

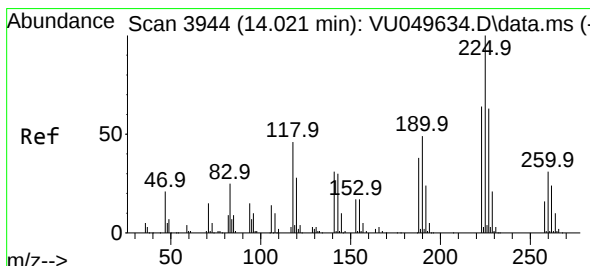
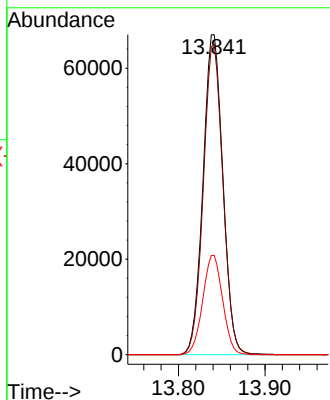
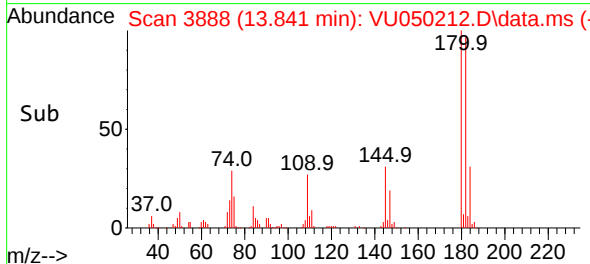
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



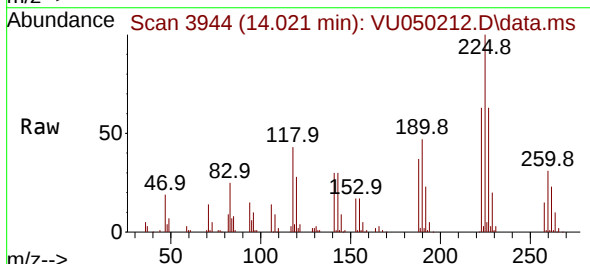
Tgt Ion:180 Resp: 106789
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
145 31.1 25.7 38.5

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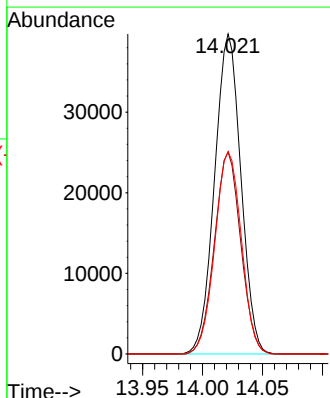
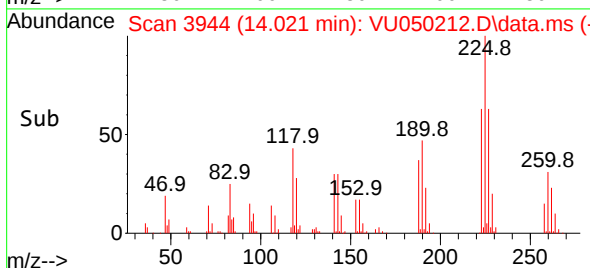
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

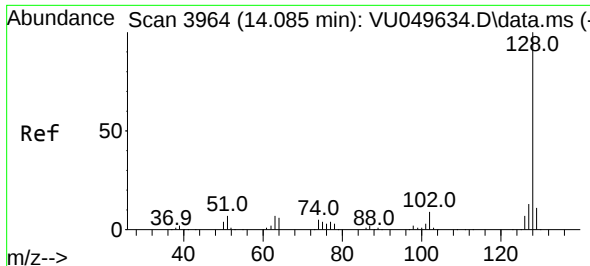


#88
Hexachlorobutadiene
Concen: 10.530 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02



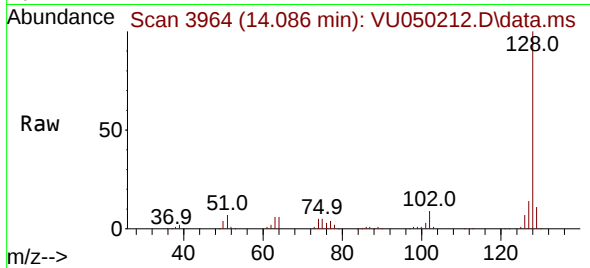
Tgt Ion:225 Resp: 60499
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.7 50.7 76.1





#89
Naphthalene
Concen: 9.734 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

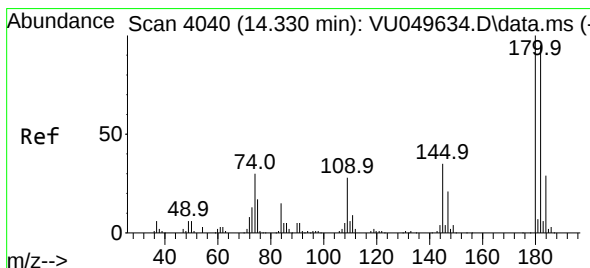
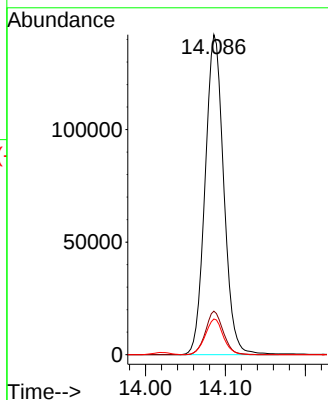
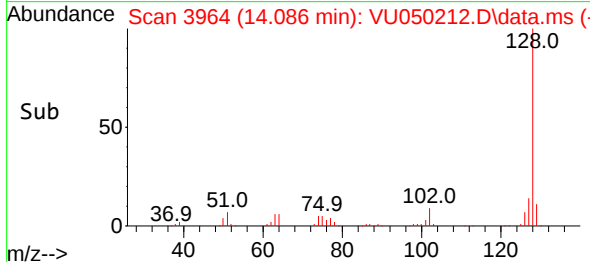
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 230091
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 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: 10.292 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050212.D
Acq: 10 Aug 2022 11:02

Tgt Ion:180 Resp: 110788
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 32.6 27.3 40.9

