

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050214.D
 Acq On : 10 Aug 2022 12:23
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU081022

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 12:42:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 12:01:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	33371	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11591	1.013	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	11940	1.032	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	66179	5.505	ug/l	99
3) Chloromethane	1.517	50	104792	6.951	ug/l	99
4) Vinyl Chloride	1.601	62	102929	7.691	ug/l	98
5) Bromomethane	1.855	94	41787	10.370	ug/l	99
6) Chloroethane	1.932	64	65977	8.154	ug/l	99
7) Trichlorofluoromethane	2.134	101	120385	8.199	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	69247	8.878	ug/l	99
9) 1,1-Dichloroethene	2.578	96	76942	8.696	ug/l	92
10) Iodomethane	2.720	142	71750	9.723	ug/l	92
11) Allyl Chloride	2.922	41	120017	9.784	ug/l	95
12) Acrylonitrile	3.327	53	122701	52.286	ug/l	97
13) Acetone	2.658	43	81126	46.262	ug/l	92
14) Carbon Disulfide	2.790	76	261730	7.808	ug/l	100
15) Methylene Chloride	3.044	84	104185	7.861	ug/l	91
16) trans-1,2-Dichloroethene	3.353	96	91552	9.347	ug/l	92
17) 1,1-Dichloroethane	3.867	63	177378	9.592	ug/l	99
18) 2-Butanone	4.726	43	132760	46.763	ug/l	99
19) Cyclohexane	5.388	56	112493	9.099	ug/l	85
20) Methylcyclohexane	6.764	83	129558	10.669	ug/l	98
21) 2,2-Dichloropropane	4.665	77	126332	9.073	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	108345	9.810	ug/l	96
23) Diethyl Ether	2.376	59	71121	9.010	ug/l	99
24) tert-Butyl Alcohol	3.260	59	31603m	52.971	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	234441	10.322	ug/l	93
26) Bromochloromethane	4.977	128	206	0.040	ug/l #	1
27) Chloroform	5.089	83	179528	9.421	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	138049	9.205	ug/l	99
29) 1,1-Dichloropropene	5.527	75	119477	9.599	ug/l	98
30) Carbon Tetrachloride	5.527	117	115319	9.358	ug/l	98
31) Isopropyl Ether	3.993	45	292732	11.688	ug/l #	1
32) Ethyl-t-butyl ether	4.507	59	193m	0.008	ug/l	
34) Propionitrile	4.800	54	99638	117.130	ug/l #	42
35) Benzene	5.774	78	400589	9.711	ug/l	99
36) 1,2-Dichloroethane	5.797	62	114204	9.586	ug/l	98
37) Trichloroethene	6.543	130	94282	9.630	ug/l	100
38) 1,2-Dichloropropane	6.793	63	105880	9.374	ug/l	96
39) Methacrylonitrile	4.980	41	33108	11.256	ug/l	89
40) Methyl acrylate	4.848	55	76775	12.587	ug/l #	94
41) Tetrahydrofuran	5.067	42	96135	52.570	ug/l	95
42) 1-Chlorobutane	5.459	56	170606	9.824	ug/l	95
43) Dibromomethane	6.919	93	57587	9.845	ug/l	98
44) Bromodichloromethane	7.108	83	137322	9.999	ug/l	97
45) 4-Methyl-2-Pentanone	7.793	43	345092	53.170	ug/l	96

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.829	75	43457m	7.105	ug/l	
47) Methyl methacrylate	6.964	69	53375	10.508	ug/l	93
48) Ethyl methacrylate	8.337	69	106433	11.426	ug/l	91
49) Toluene	7.970	92	243309	10.435	ug/l	100
50) t-1,3-Dichloropropene	8.211	75	132265	10.999	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	154791	10.883	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	81966	9.823	ug/l	99
53) 1,3-Dichloropropane	8.578	76	138560	9.846	ug/l	99
54) 2-Hexanone	8.687	43	244675	53.433	ug/l	95
55) Dibromochloromethane	8.813	129	92027	9.924	ug/l	99
56) 1,2-Dibromoethane	8.925	107	79446	10.372	ug/l	99
58) Tetrachloroethene	8.555	164	79998	9.644	ug/l	98
59) Chlorobenzene	9.449	112	251118	10.145	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	94990	9.795	ug/l	97
61) Pentachloroethane	11.430	117	79595	10.114	ug/l	95
62) Hexachloroethane	12.478	117	64098	10.318	ug/l	98
63) Ethyl Benzene	9.571	91	448993	11.173	ug/l	100
64) m/p-Xylenes	9.694	106	349118	22.868	ug/l	100
65) o-Xylene	10.102	106	169367	11.358	ug/l	99
66) Styrene	10.115	104	285387	11.988	ug/l	98
67) Bromoform	10.292	173	55327	10.321	ug/l	99
69) Isopropylbenzene	10.485	105	428093	11.495	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	107964	9.618	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	71825m	8.715	ug/l	
72) Bromobenzene	10.784	156	106217	10.462	ug/l	99
73) n-propylbenzene	10.909	120	111255	12.030	ug/l	100
74) 2-Chlorotoluene	10.986	126	106623	11.231	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	377930	11.901	ug/l	99
76) 4-Chlorotoluene	11.099	126	107351	11.426	ug/l	91
77) tert-Butylbenzene	11.420	119	349725	11.103	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	378454	11.689	ug/l	99
79) sec-Butylbenzene	11.645	105	439217	11.479	ug/l	99
80) Nitrobenzene	13.211	77	5657	12.862	ug/l #	98
81) p-Isopropyltoluene	11.793	119	356064	11.740	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	206490	10.726	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	205225	10.974	ug/l	99
84) n-Butylbenzene	12.211	91	308467	11.697	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	201102	10.771	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	17279	10.030	ug/l	97
87) 1,2,4-Trichlorobenzene	13.841	180	128053	12.265	ug/l	99
88) Hexachlorobutadiene	14.021	225	64873	10.625	ug/l	99
89) Naphthalene	14.089	128	284605	13.209	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	125047	11.634	ug/l	99

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

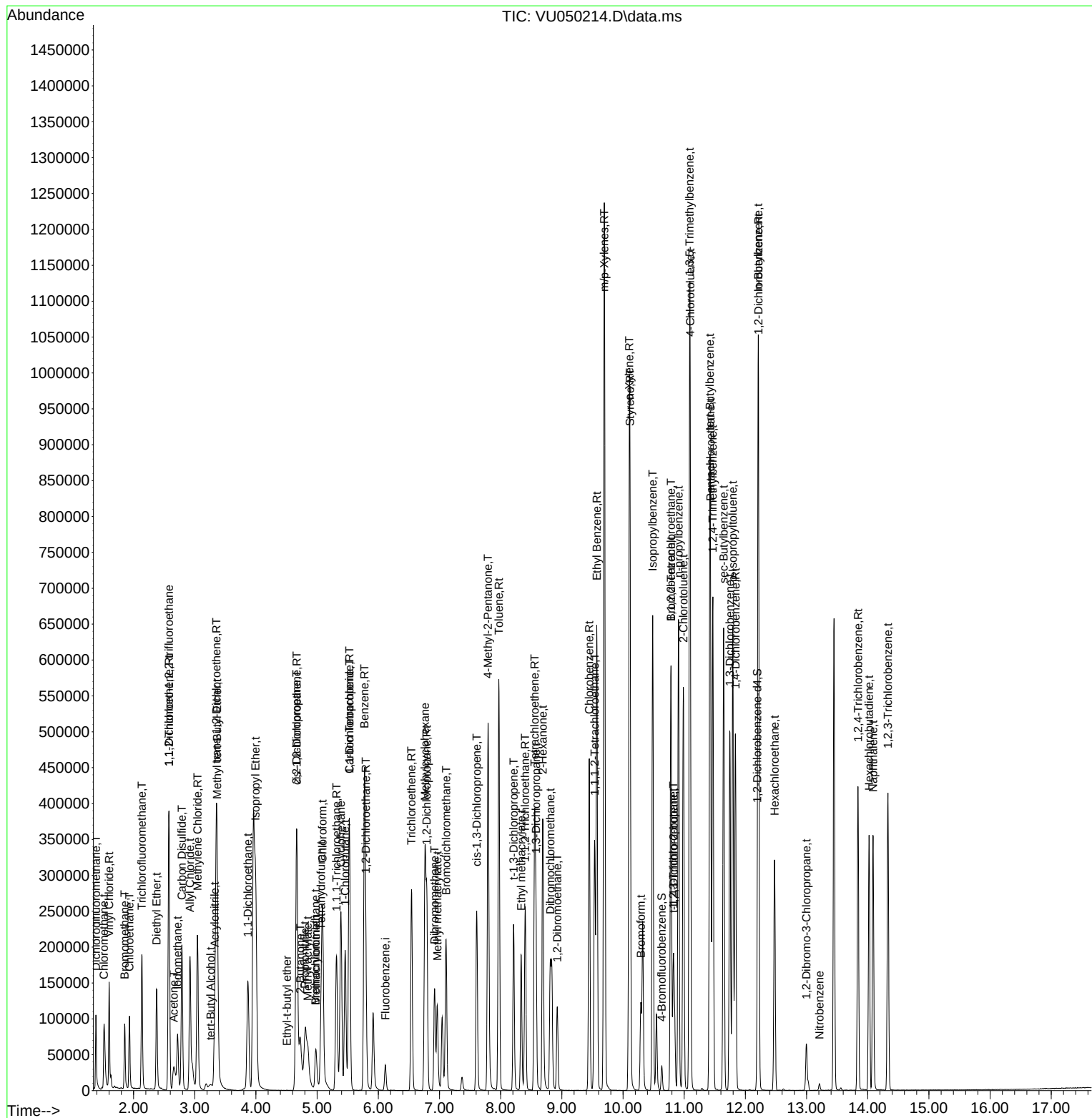
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
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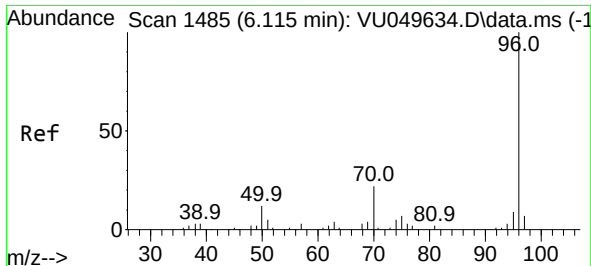
Instrument :
 MSVOA_U
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 ICSVU081022

Manual Integrations APPROVED

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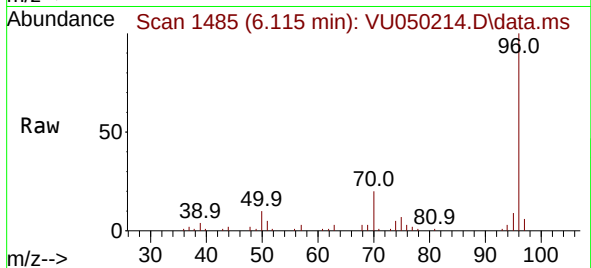
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

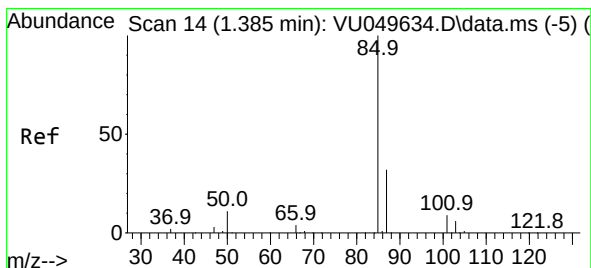
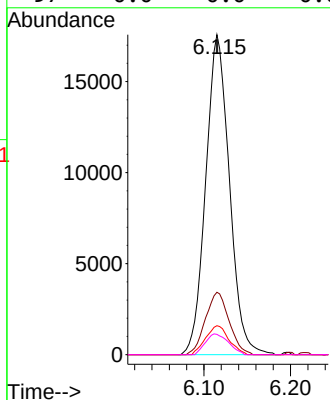
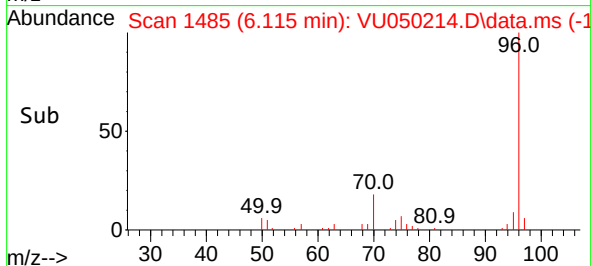
Instrument :
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ClientSampleId :
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Tgt Ion: 96 Resp: 3337
Ion Ratio Lower Upper
96 100
70 19.5 16.7 25.1
95 8.9 7.4 11.0
97 0.0 0.0 0.0

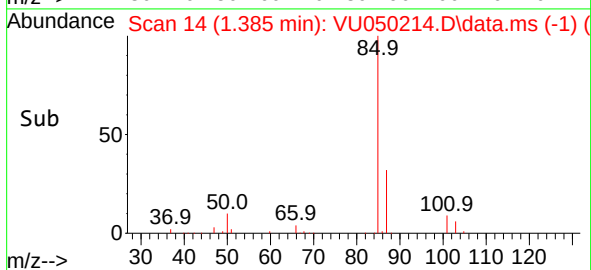
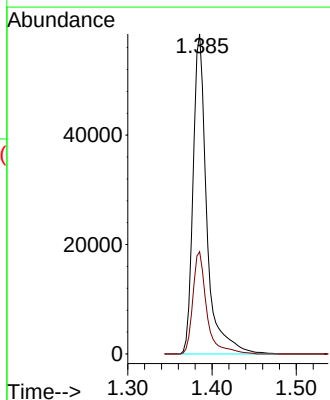
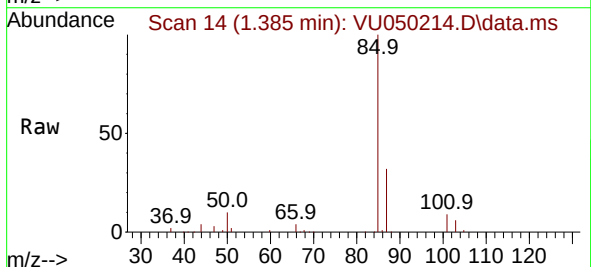
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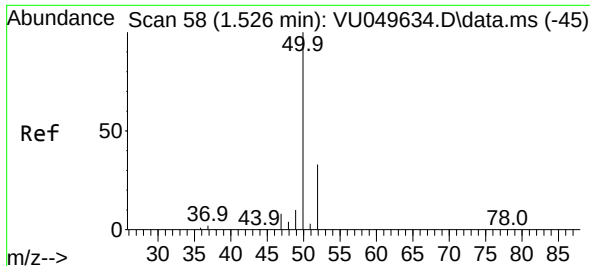
Reviewed By :John Carlone 08/11/2022
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#2
Dichlorodifluoromethane
Concen: 5.505 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

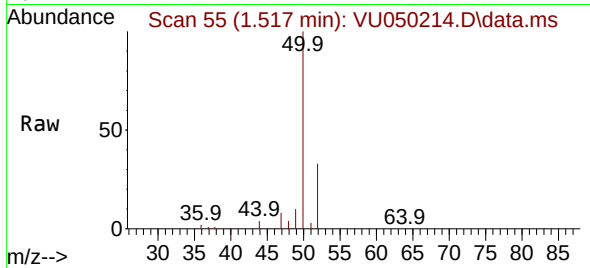
Tgt Ion: 85 Resp: 66179
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.8





#3
Chloromethane
Concen: 6.951 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.009 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

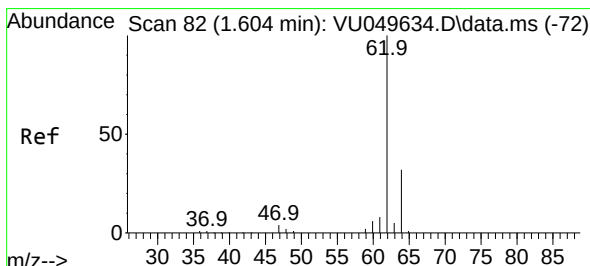
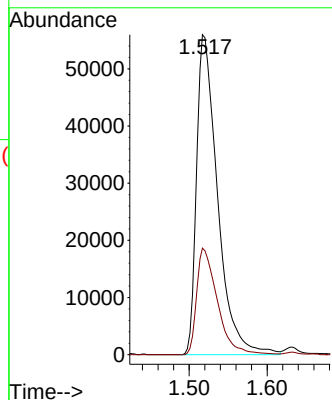
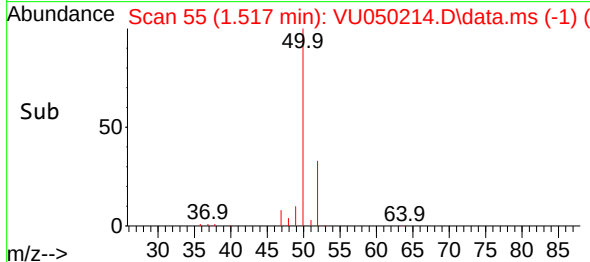
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 104792
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1

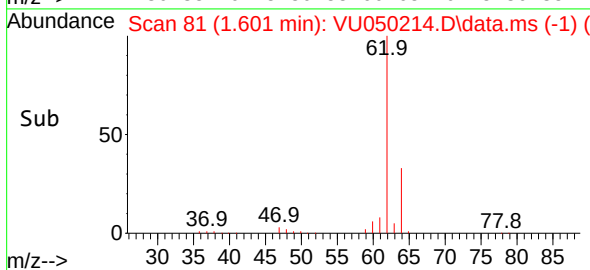
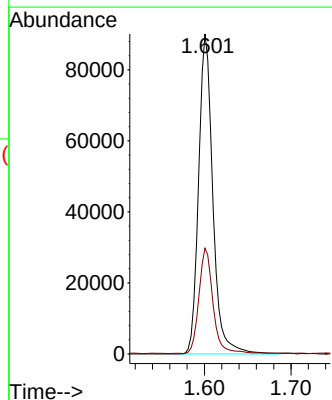
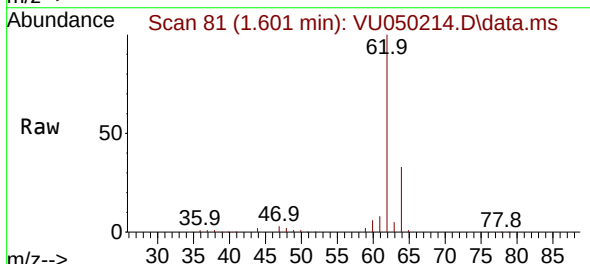
Manual Integrations
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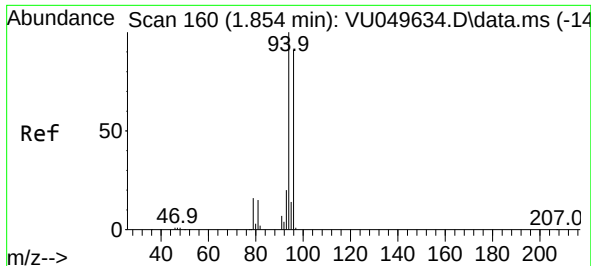
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 7.691 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

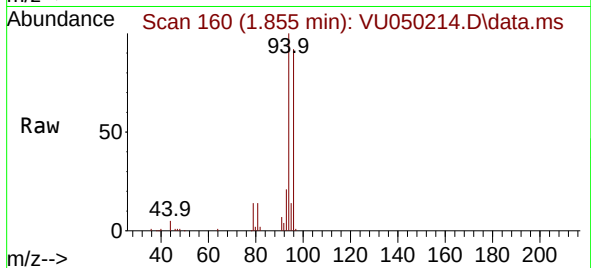
Tgt Ion: 62 Resp: 102929
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3





#5
Bromomethane
Concen: 10.370 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

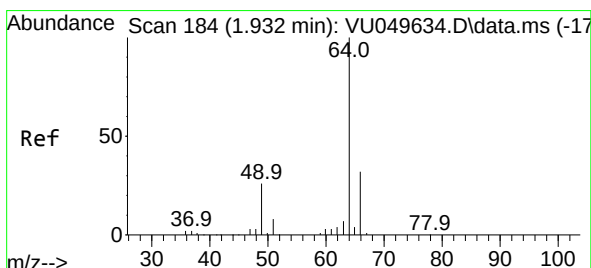
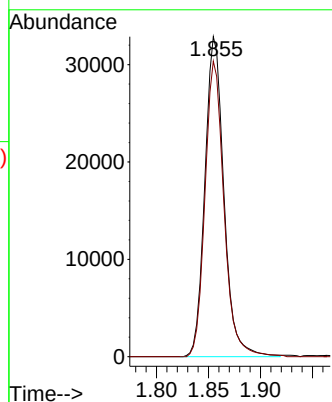
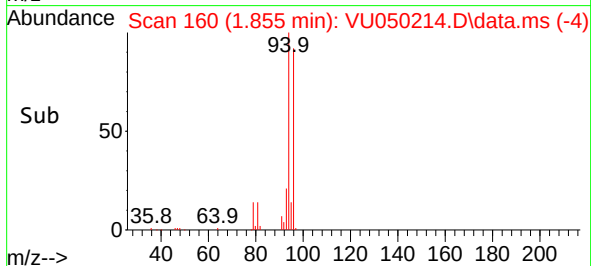
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 4178
Ion Ratio Lower Upper
94 100
96 92.3 73.0 109.6

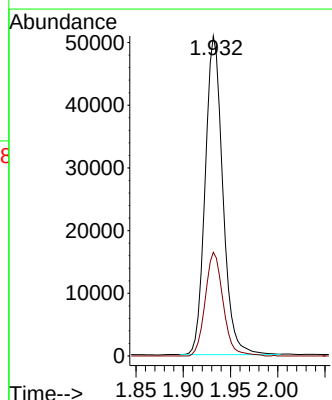
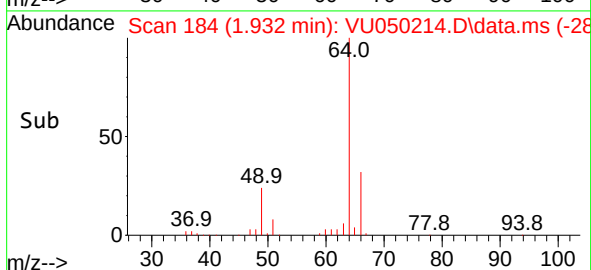
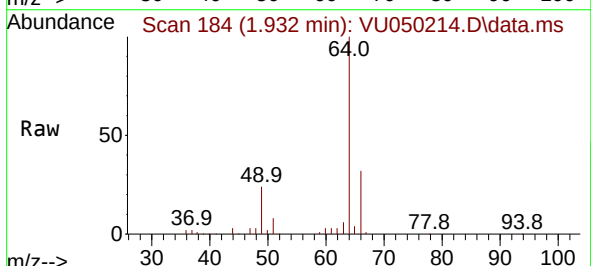
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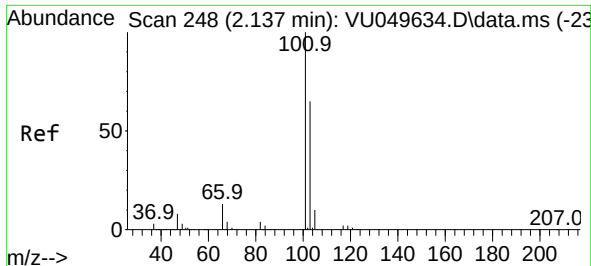
Reviewed By :John Carlone 08/11/2022
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#6
Chloroethane
Concen: 8.154 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

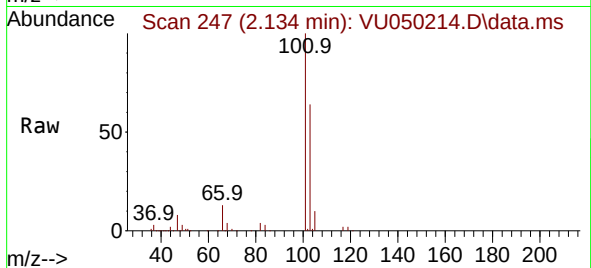
Tgt Ion: 64 Resp: 65977
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6





#7
Trichlorofluoromethane
Concen: 8.199 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

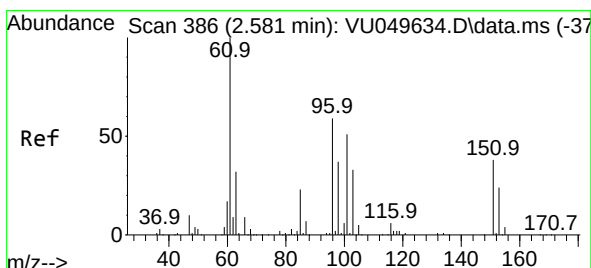
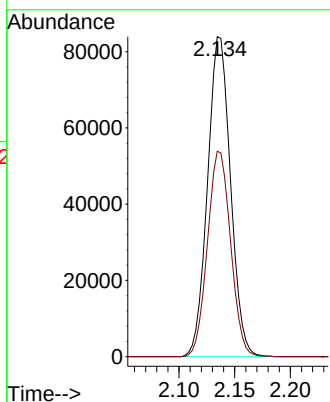
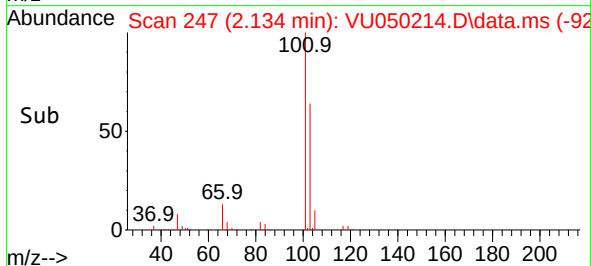
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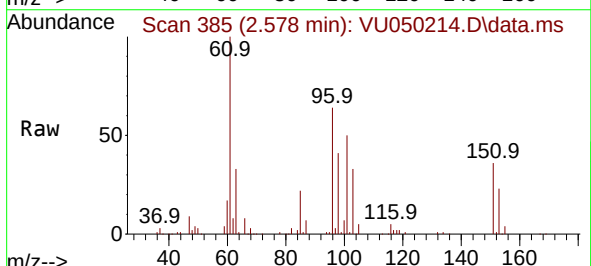
Tgt Ion:101 Resp: 120385
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

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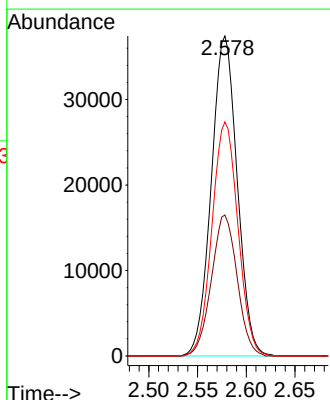
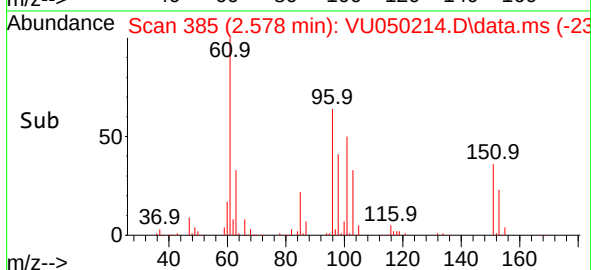
Reviewed By :John Carlone 08/11/2022
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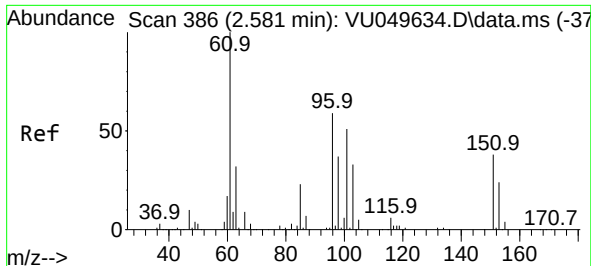


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.878 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



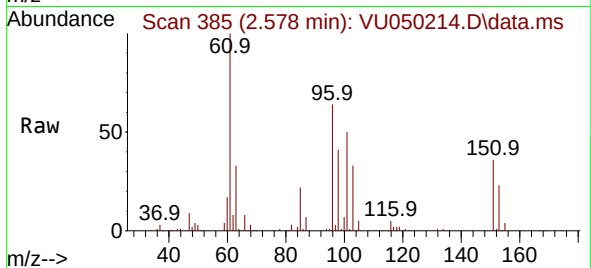
Tgt Ion:101 Resp: 69247
Ion Ratio Lower Upper
101 100
85 43.8 36.4 54.6
151 73.3 59.1 88.7





#9
1,1-Dichloroethene
Concen: 8.696 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

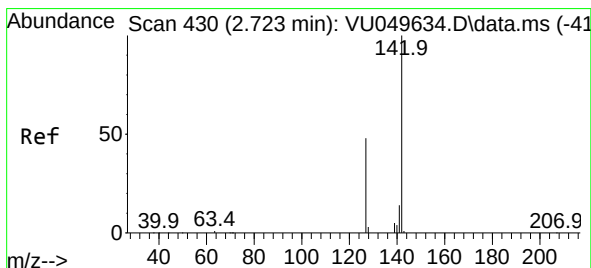
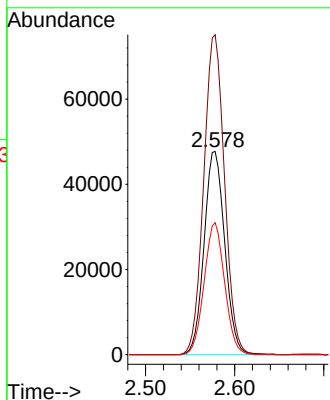
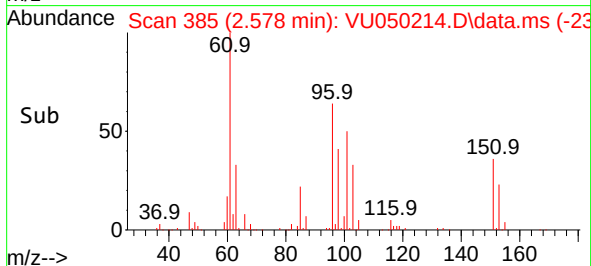
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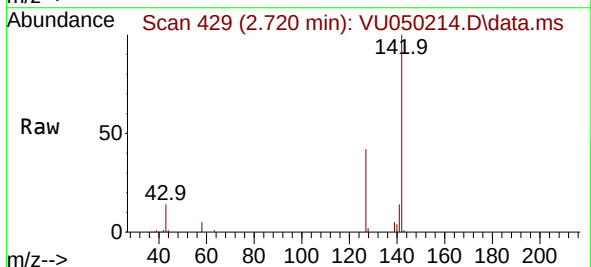
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Ion Ratio Lower Upper
96 100
61 157.5 0.0 510.6
98 65.0 0.0 124.6

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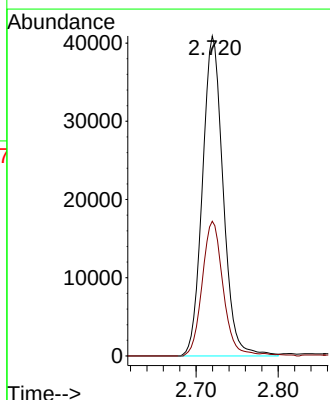
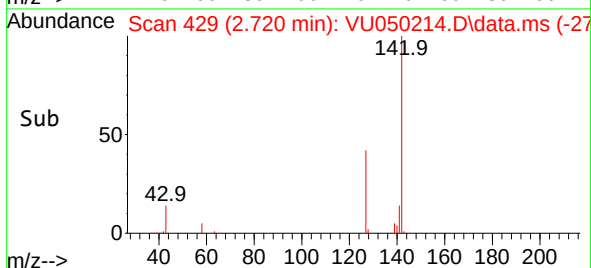
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

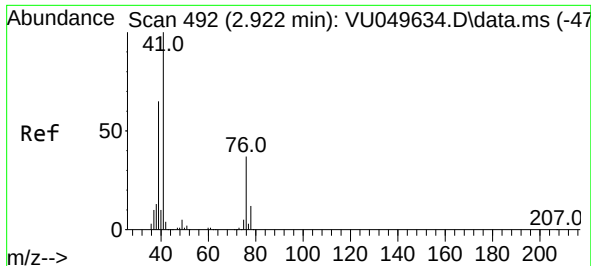


#10
Iodomethane
Concen: 9.723 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



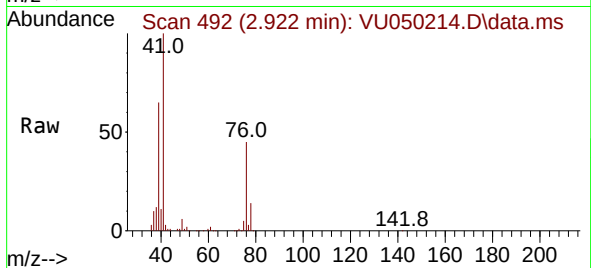
Tgt Ion:142 Resp: 71750
Ion Ratio Lower Upper
142 100
127 42.4 38.2 57.2





#11
 Allyl Chloride
 Concen: 9.784 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050214.D
 Acq: 10 Aug 2022 12:23

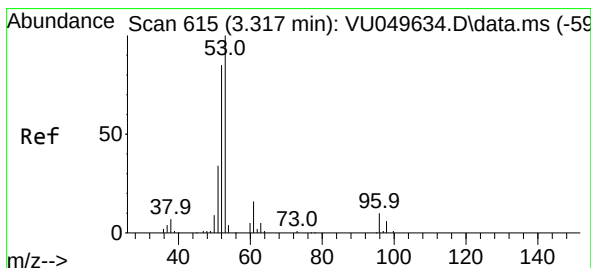
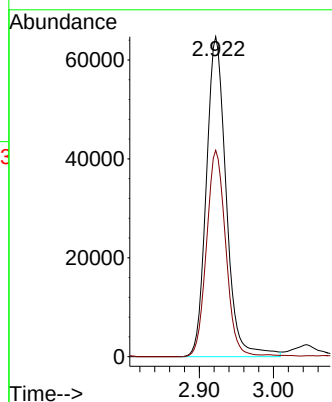
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU081022



Tgt Ion: 41 Resp: 120017
 Ion Ratio Lower Upper
 41 100
 39 62.3 53.2 79.8

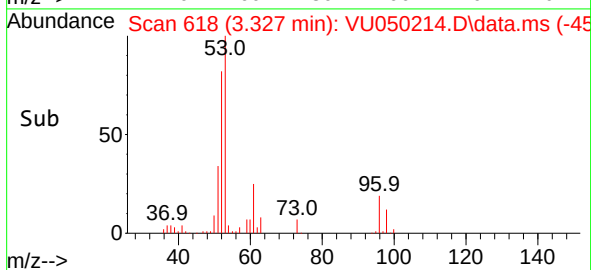
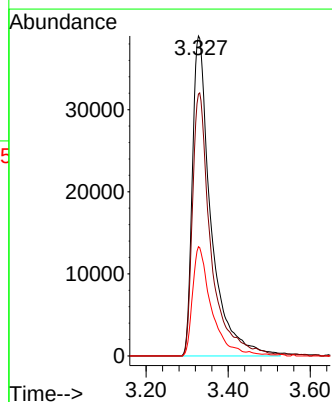
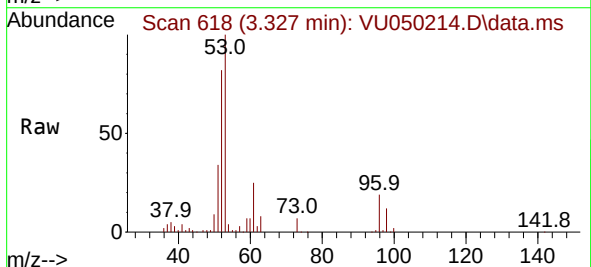
Manual Integrations
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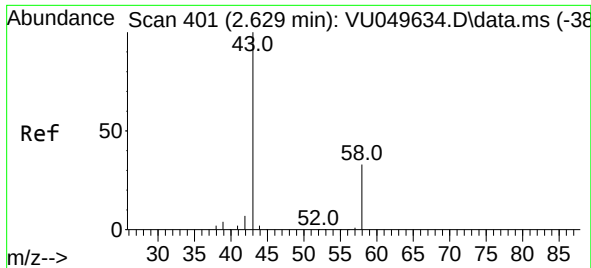
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#12
 Acrylonitrile
 Concen: 52.286 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VU050214.D
 Acq: 10 Aug 2022 12:23

Tgt Ion: 53 Resp: 122701
 Ion Ratio Lower Upper
 53 100
 52 79.5 64.6 97.0
 51 34.0 30.7 46.1





#13

Acetone

Concen: 46.262 ug/l

RT: 2.658 min Scan# 410

Delta R.T. 0.029 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

Tgt Ion: 43 Resp: 81120

Ion Ratio Lower Upper

43 100

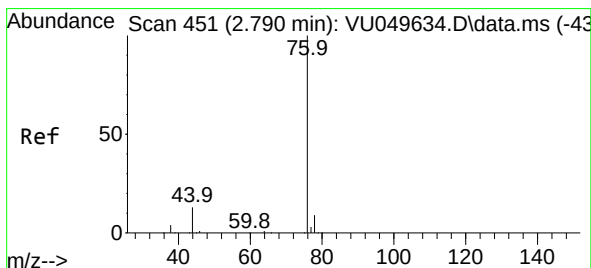
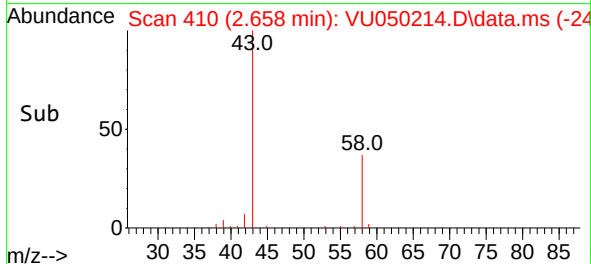
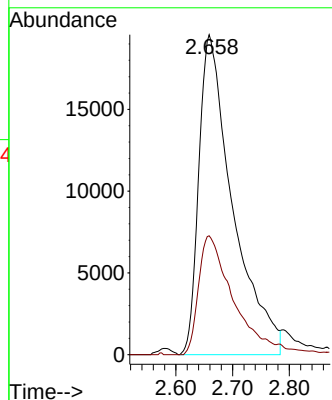
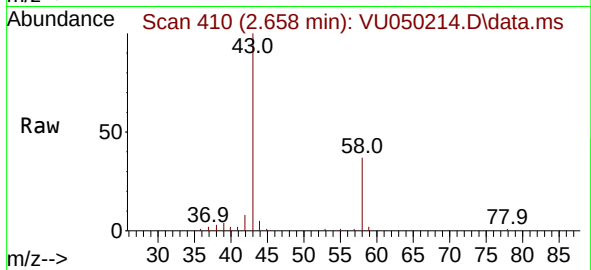
58 37.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#14

Carbon Disulfide

Concen: 7.808 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050214.D

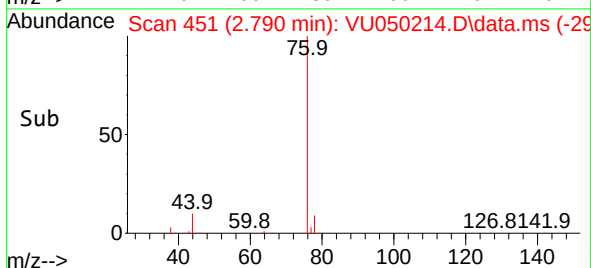
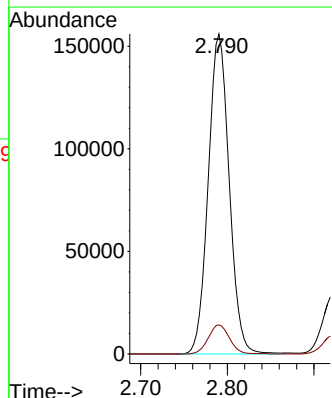
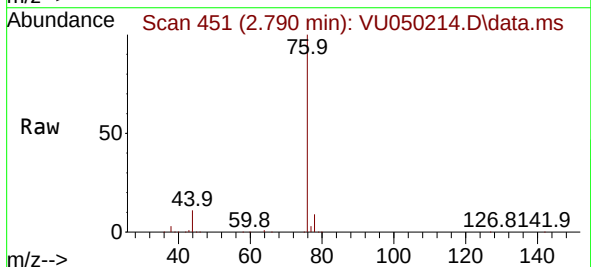
Acq: 10 Aug 2022 12:23

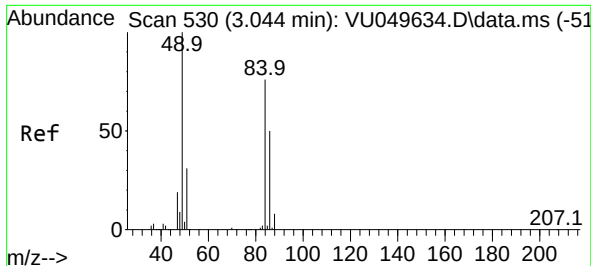
Tgt Ion: 76 Resp: 261730

Ion Ratio Lower Upper

76 100

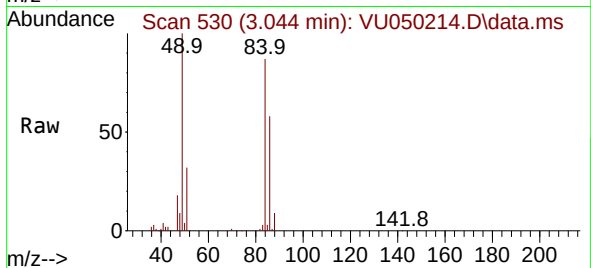
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 7.861 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

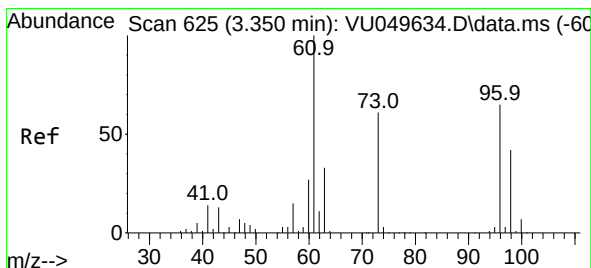
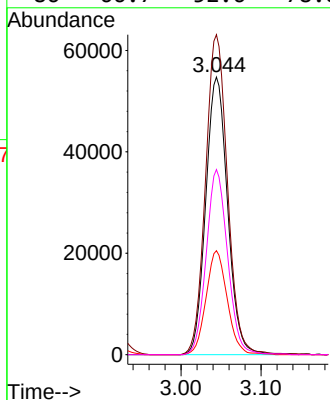
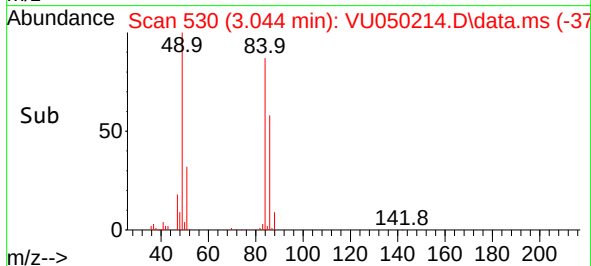
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 84 Resp: 10418
Ion Ratio Lower Upper
84 100
49 115.3 104.6 157.0
51 37.5 0.0 81.4
86 66.7 52.6 78.8

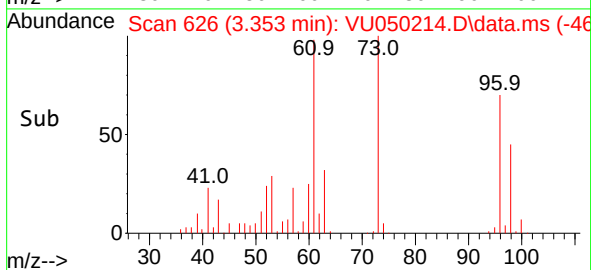
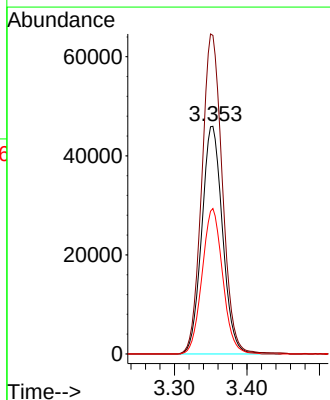
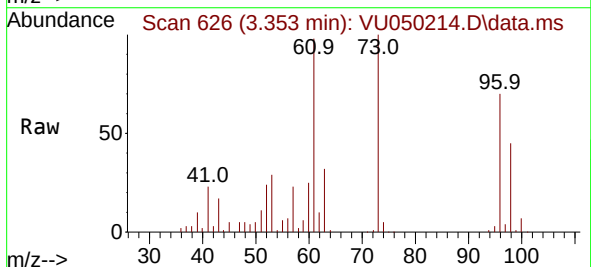
Manual Integrations
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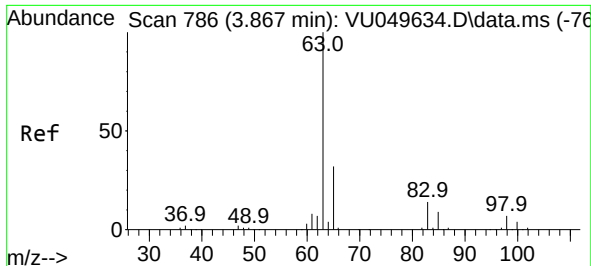
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
trans-1,2-Dichloroethene
Concen: 9.347 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

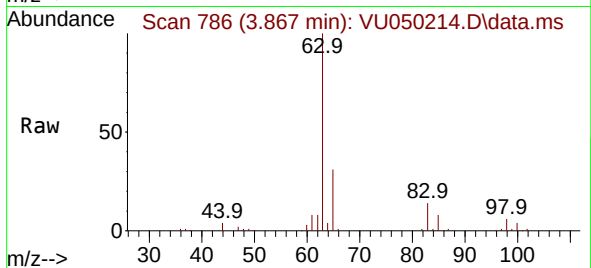
Tgt Ion: 96 Resp: 91552
Ion Ratio Lower Upper
96 100
61 140.0 123.4 185.0
98 63.9 51.6 77.4





#17
1,1-Dichloroethane
Concen: 9.592 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

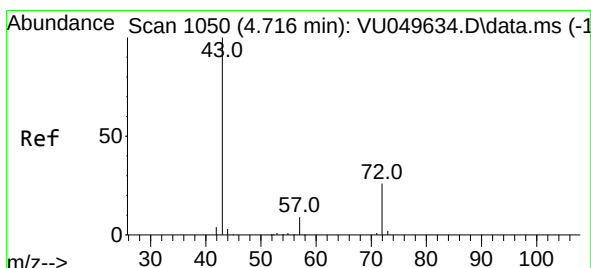
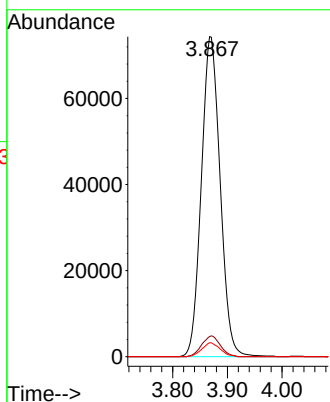
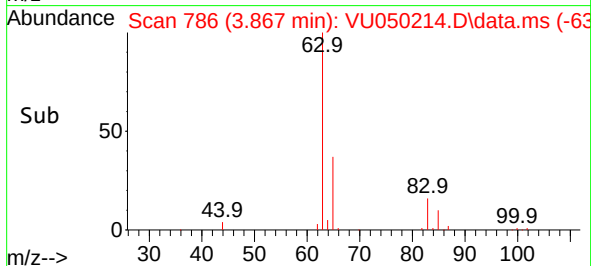
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



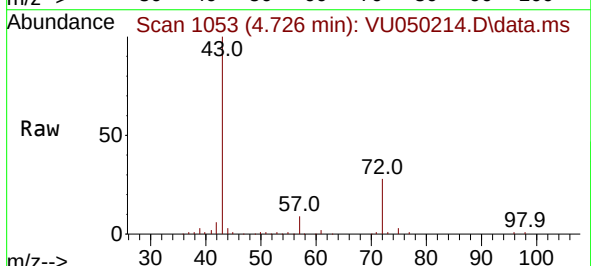
Tgt Ion: 63 Resp: 177378
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.2
100 4.4 2.0 6.0

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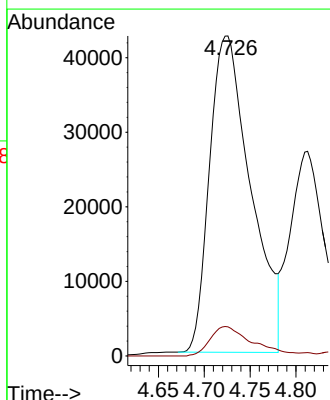
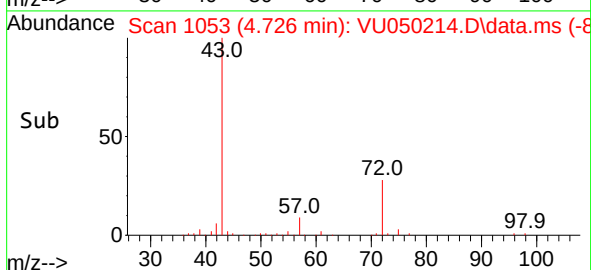
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

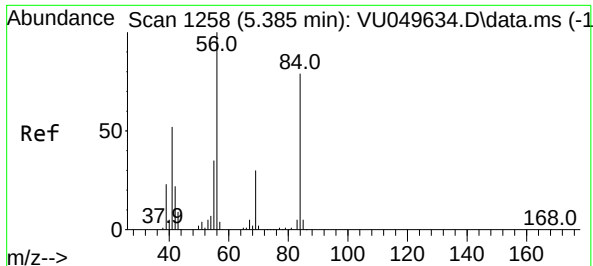


#18
2-Butanone
Concen: 46.763 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



Tgt Ion: 43 Resp: 132760
Ion Ratio Lower Upper
43 100
57 9.2 0.0 18.0





#19

Cyclohexane

Concen: 9.099 ug/l

RT: 5.388 min Scan# 11249

Delta R.T. 0.003 min

Lab File: VU050214.D

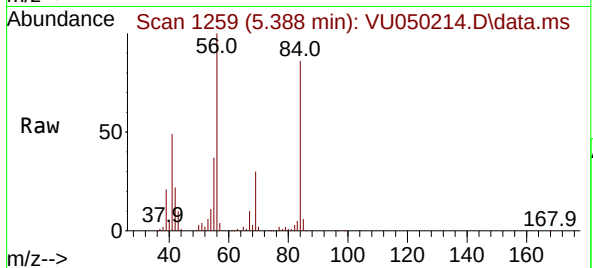
Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022



Tgt Ion: 56 Resp: 11249

Ion Ratio Lower Upper

56 100

69 34.7 24.2 36.4

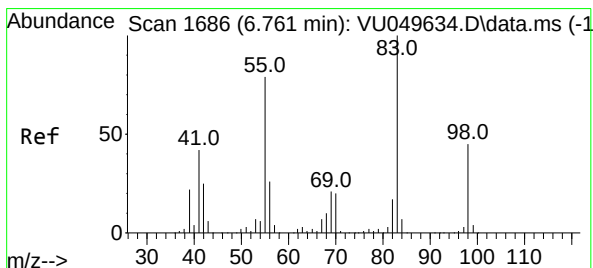
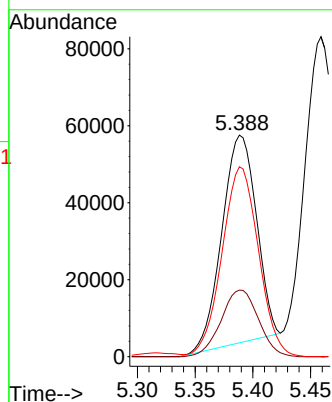
84 95.1 63.4 95.2

Manual Integrations

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Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 10.669 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

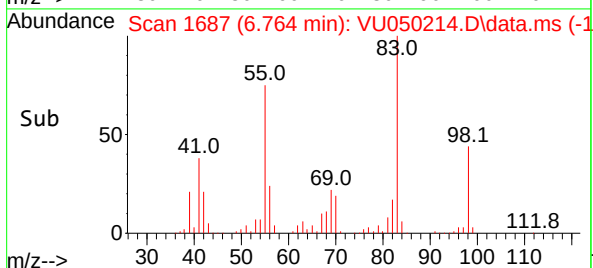
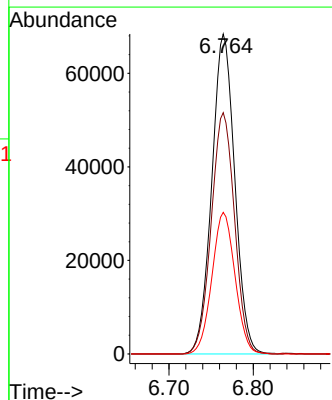
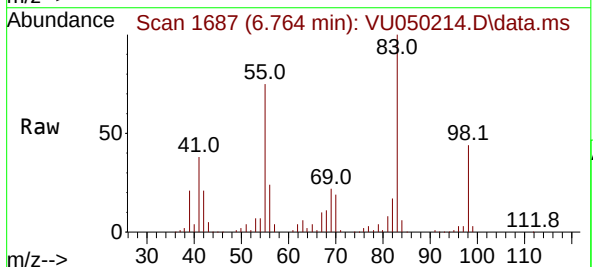
Tgt Ion: 83 Resp: 129558

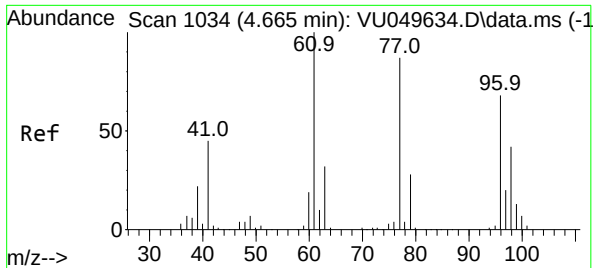
Ion Ratio Lower Upper

83 100

55 76.5 63.0 94.4

98 44.5 35.7 53.5





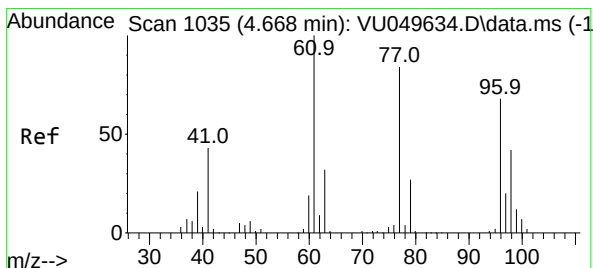
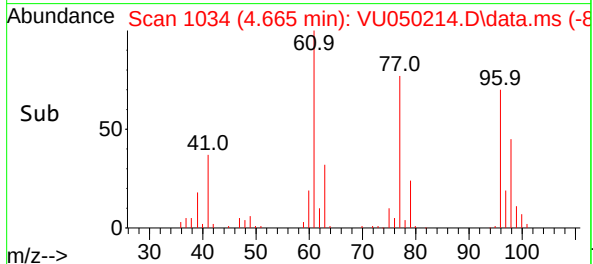
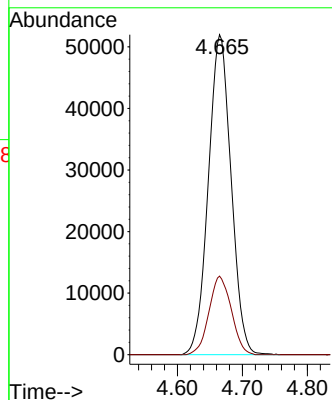
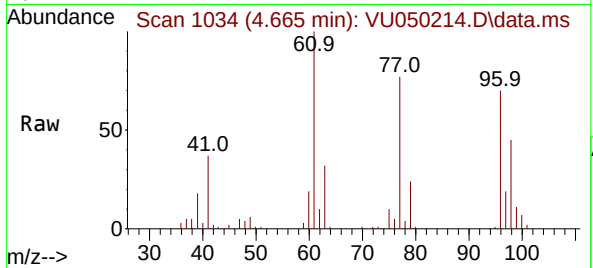
#21
2,2-Dichloropropane
Concen: 9.073 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022

Tgt Ion: 77 Resp: 12633
Ion Ratio Lower Upper
77 100
97 24.1 18.5 27.7

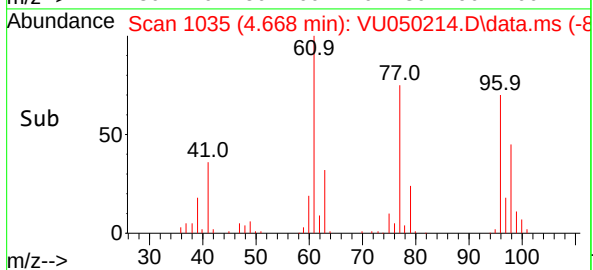
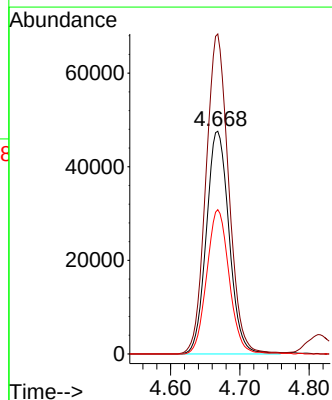
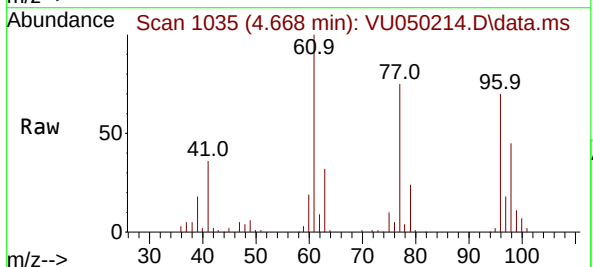
Manual Integrations
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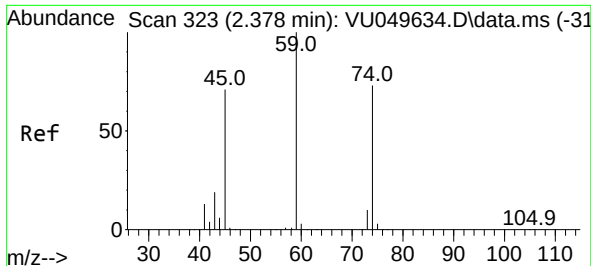
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#22
cis-1,2-Dichloroethene
Concen: 9.810 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

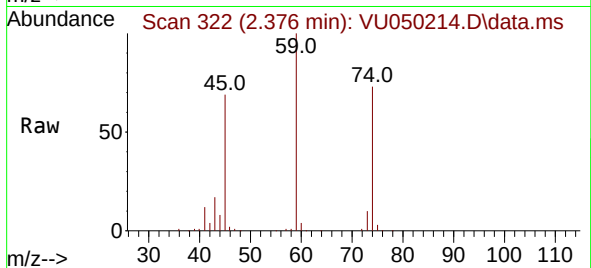
Tgt Ion: 96 Resp: 108345
Ion Ratio Lower Upper
96 100
61 143.8 0.0 375.8
98 63.8 31.6 95.0





#23
Diethyl Ether
Concen: 9.010 ug/l
RT: 2.376 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

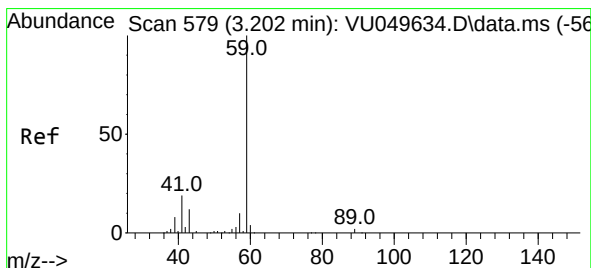
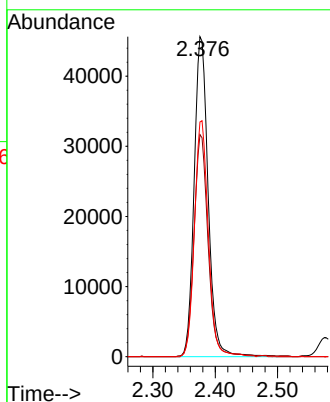
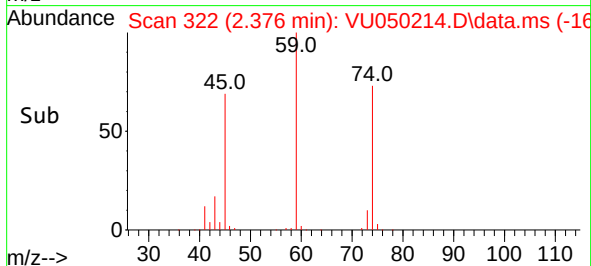
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 59 Resp: 7112
Ion Ratio Lower Upper
59 100
45 69.8 56.0 84.0
74 73.2 57.6 86.4

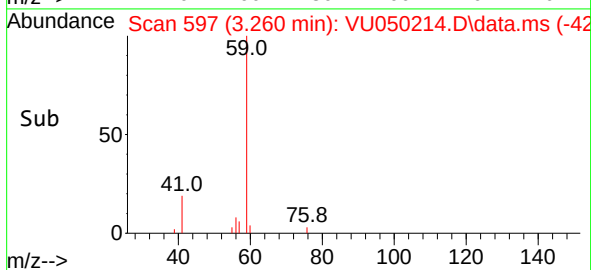
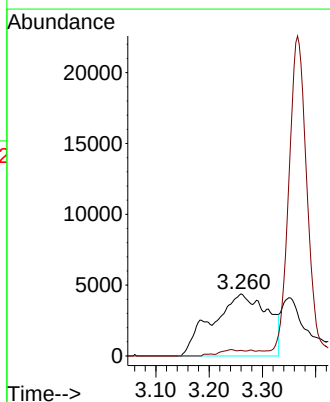
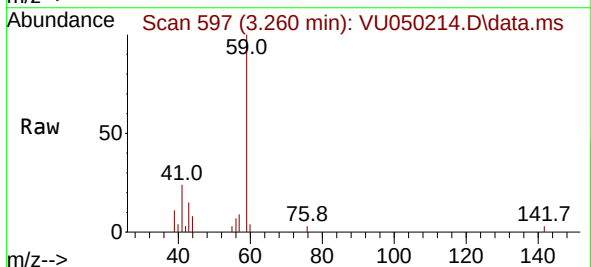
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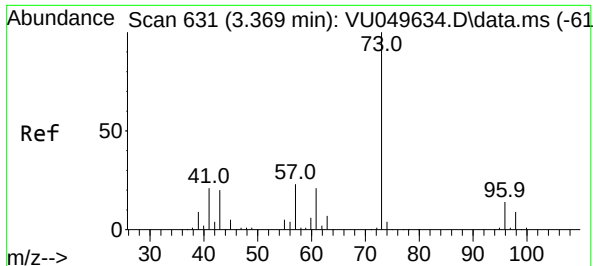
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 52.971 ug/l m
RT: 3.260 min Scan# 597
Delta R.T. 0.058 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion: 59 Resp: 31603
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





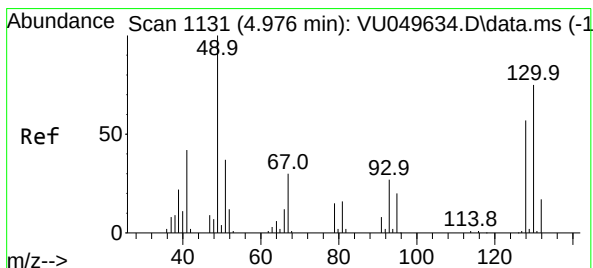
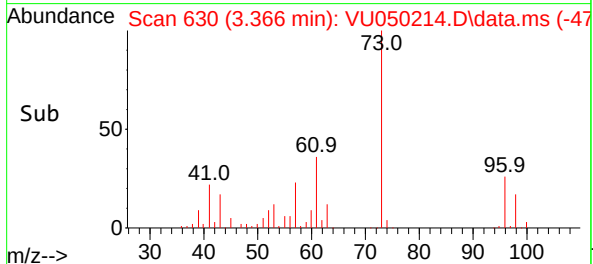
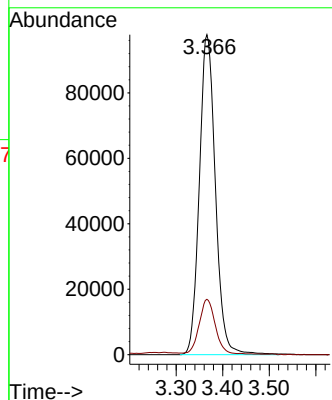
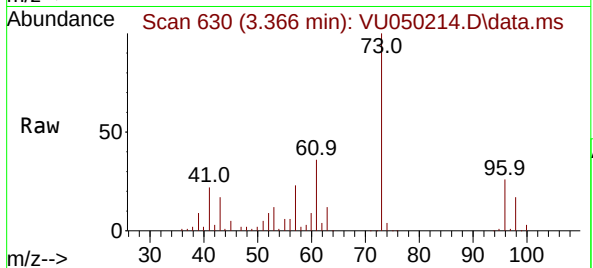
#25
Methyl tert-Butyl Ether
Concen: 10.322 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022

Tgt Ion: 73 Resp: 23444
Ion Ratio Lower Upper
73 100
43 16.6 15.9 23.9

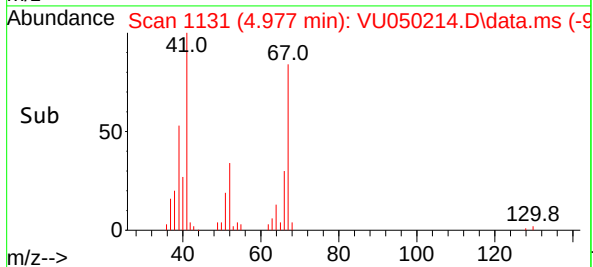
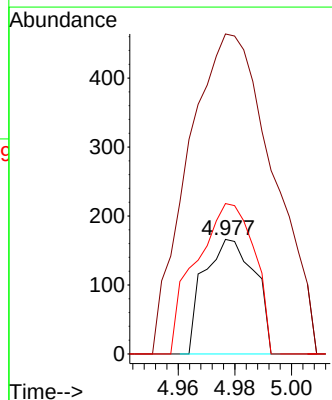
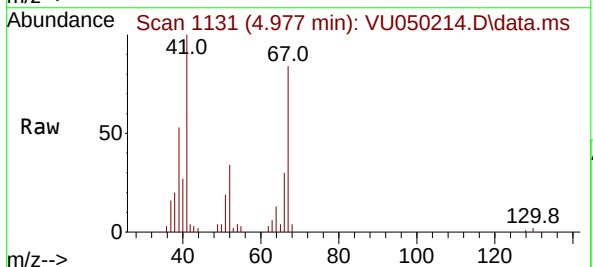
Manual Integrations
APPROVED

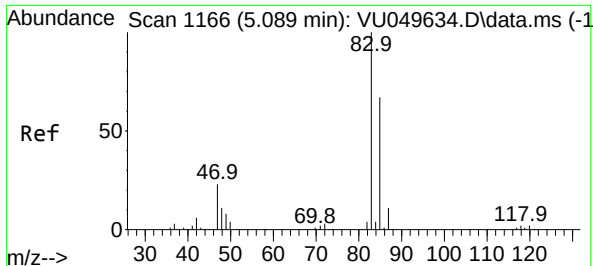
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 0.040 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion:128 Resp: 206
Ion Ratio Lower Upper
128 100
49 468.0 0.0 349.2#
130 151.5 103.0 154.6





#27

Chloroform

Concen: 9.421 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

Tgt Ion: 83 Resp: 179528

Ion Ratio Lower Upper

83 100

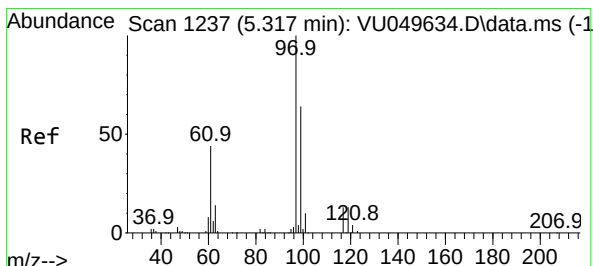
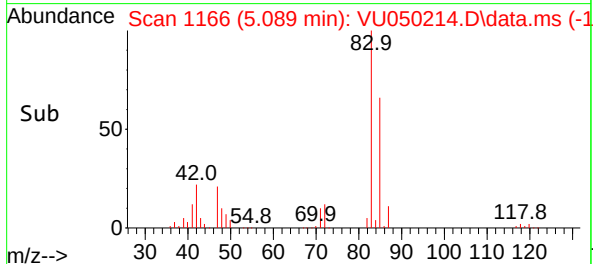
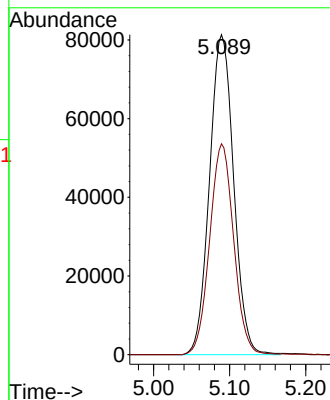
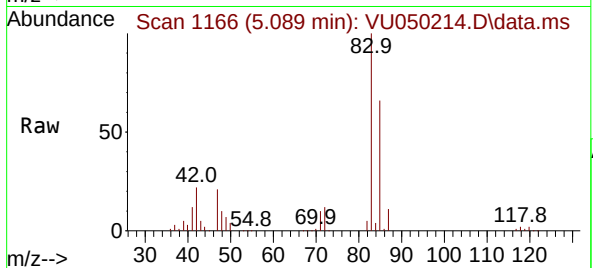
85 65.9 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

1,1,1-Trichloroethane

Concen: 9.205 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

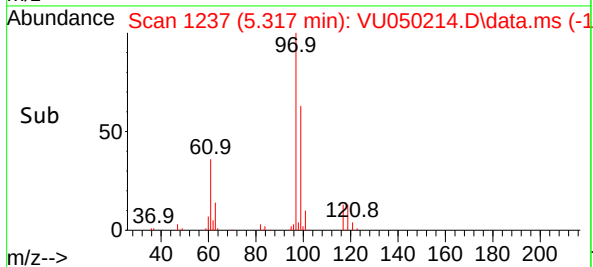
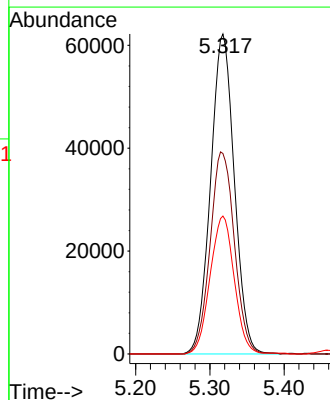
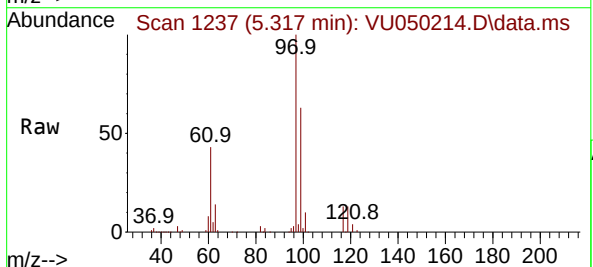
Tgt Ion: 97 Resp: 138049

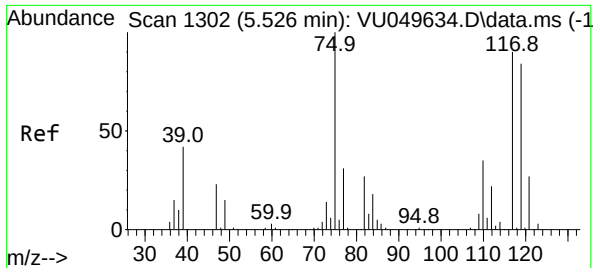
Ion Ratio Lower Upper

97 100

99 64.8 32.1 96.5

61 43.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.599 ug/l

RT: 5.527 min Scan# 11947

Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

Tgt Ion: 75 Resp: 11947

Ion Ratio Lower Upper

75 100

110 36.5 17.3 52.0

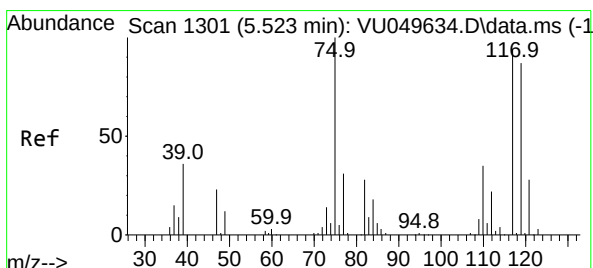
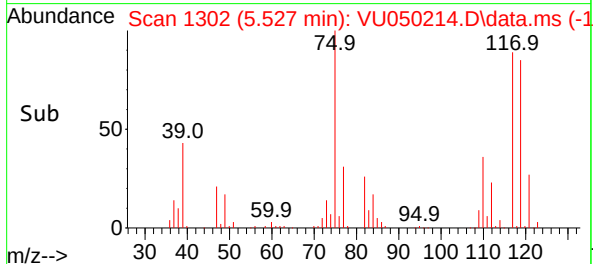
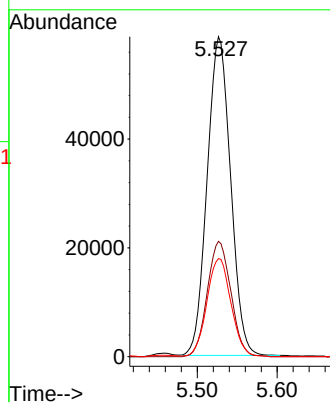
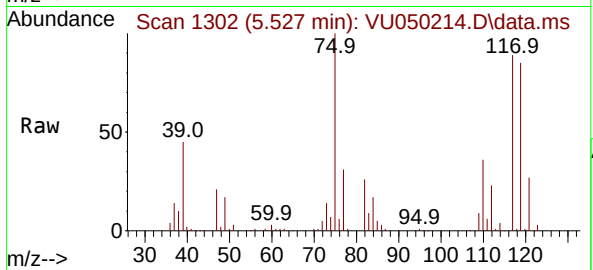
77 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 9.358 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

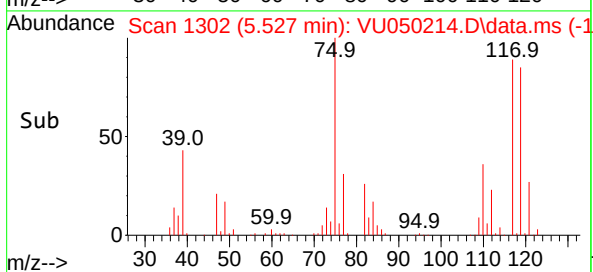
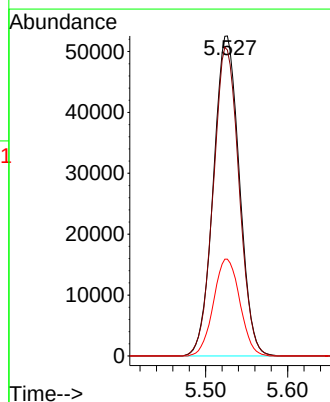
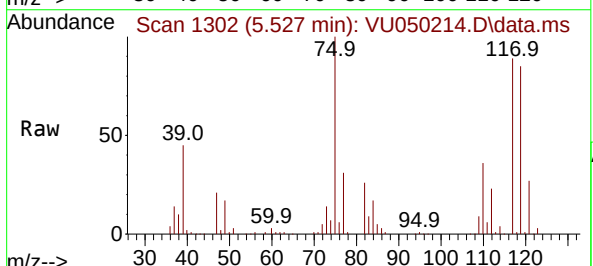
Tgt Ion:117 Resp: 115319

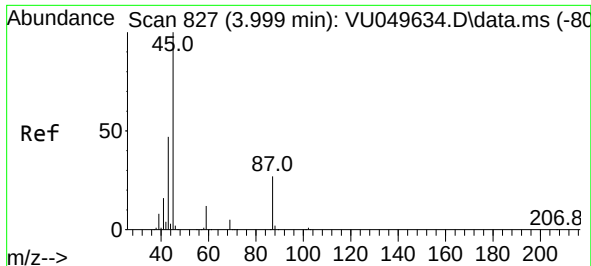
Ion Ratio Lower Upper

117 100

119 95.6 74.6 112.0

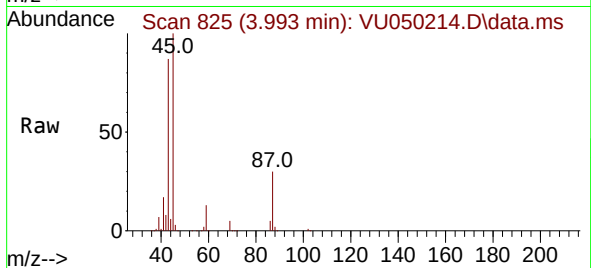
121 30.2 24.2 36.4





#31
Isopropyl Ether
Concen: 11.688 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

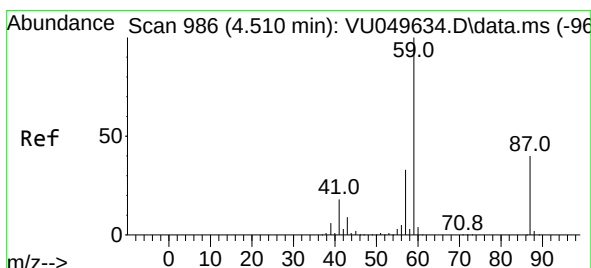
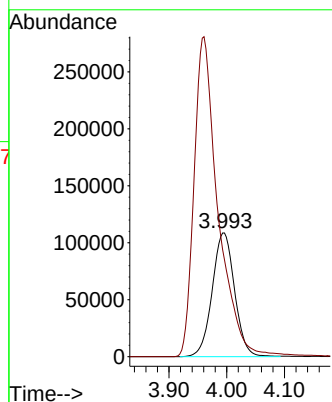
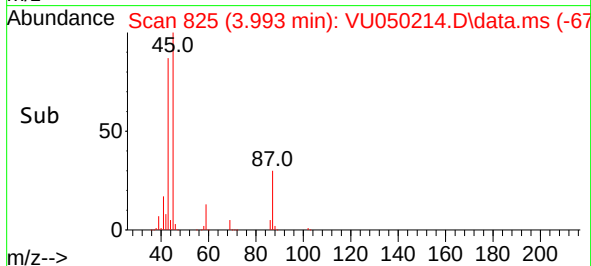
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 45 Resp: 29273
Ion Ratio Lower Upper
45 100
43 278.1 23.8 71.2

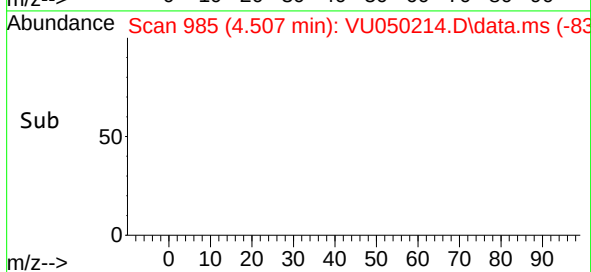
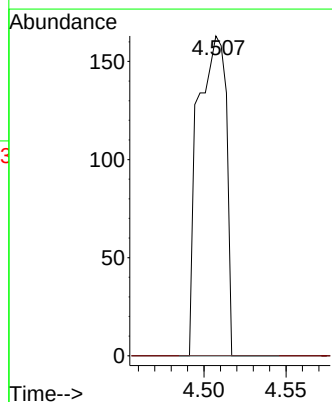
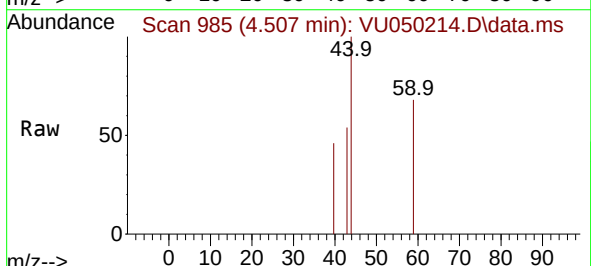
Manual Integrations
APPROVED

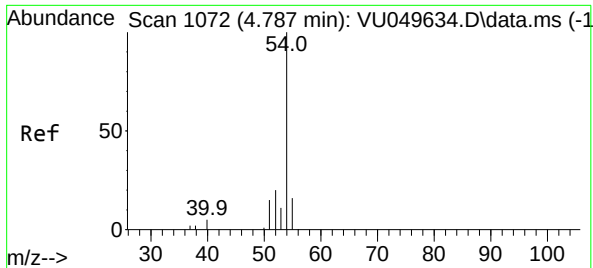
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
Ethyl-t-butyl ether
Concen: 0.008 ug/l m
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

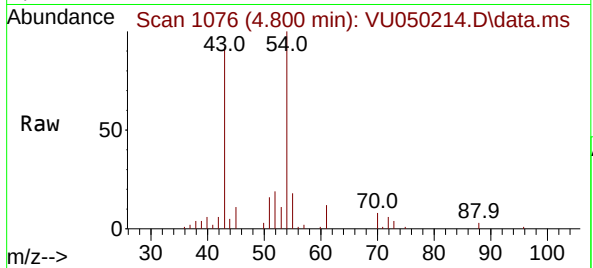
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7





#34
 Propionitrile
 Concen: 117.130 ug/l
 RT: 4.800 min Scan# 1076
 Delta R.T. 0.013 min
 Lab File: VU050214.D
 Acq: 10 Aug 2022 12:23

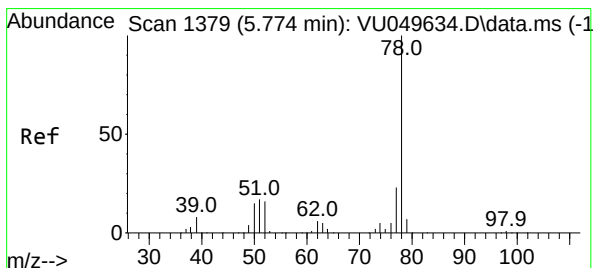
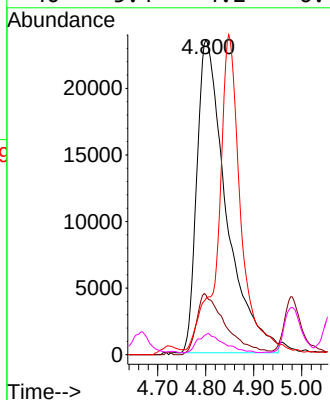
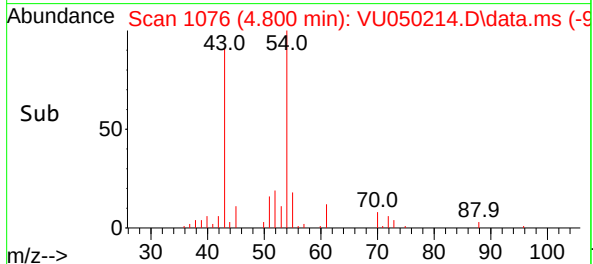
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU081022



Tgt Ion: 54 Resp: 99638
 Ion Ratio Lower Upper
 54 100
 52 19.5 15.0 22.6
 55 77.1 12.6 19.0
 40 5.4 4.2 6.4

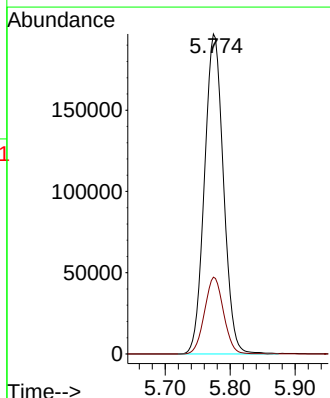
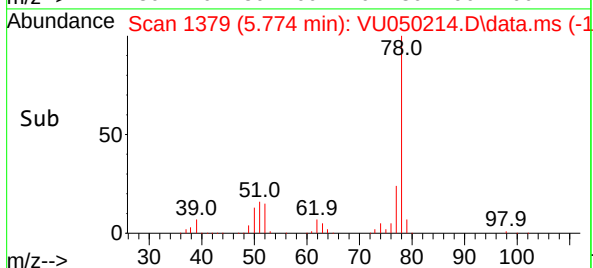
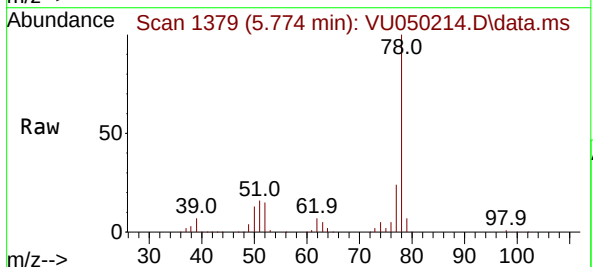
Manual Integrations
 APPROVED

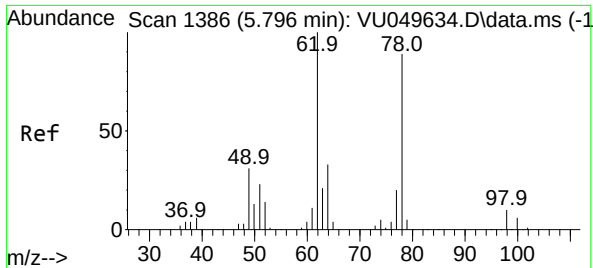
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#35
 Benzene
 Concen: 9.711 ug/l
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: VU050214.D
 Acq: 10 Aug 2022 12:23

Tgt Ion: 78 Resp: 400589
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.6 28.0





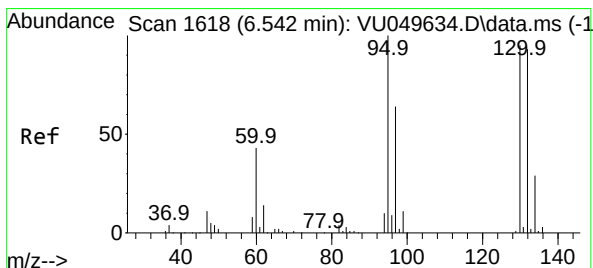
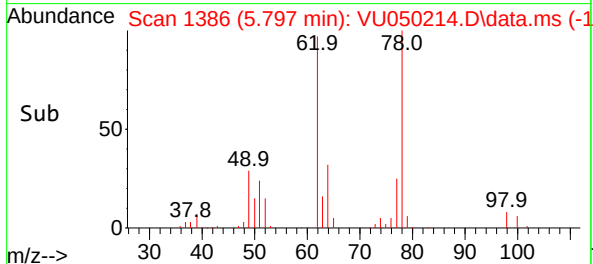
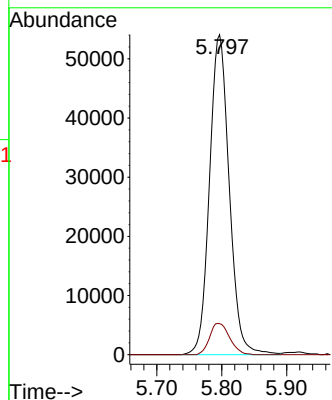
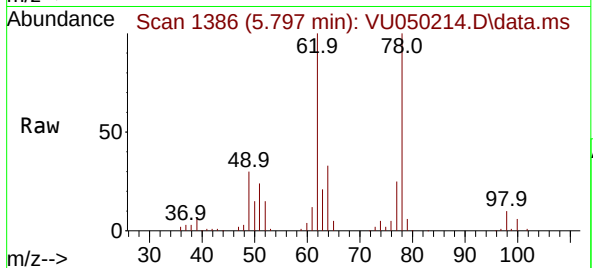
#36
1,2-Dichloroethane
Concen: 9.586 ug/l
RT: 5.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022

Tgt Ion: 62 Resp: 114204
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0

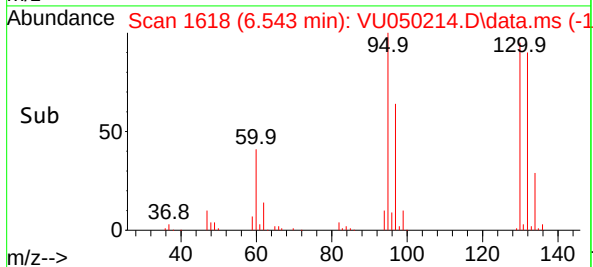
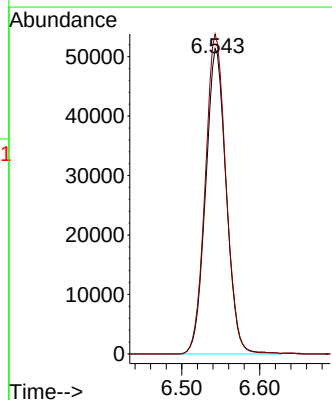
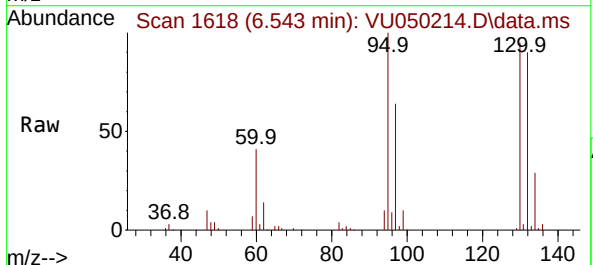
Manual Integrations
APPROVED

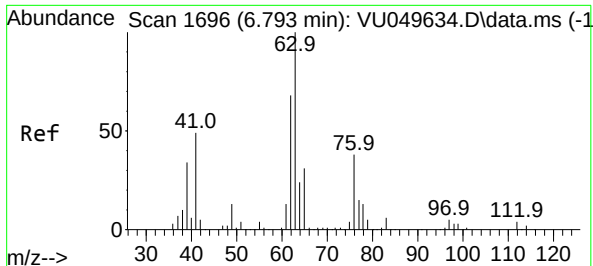
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#37
Trichloroethene
Concen: 9.630 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion:130 Resp: 94282
Ion Ratio Lower Upper
130 100
95 104.8 83.8 125.8





#38

1,2-Dichloropropane

Concen: 9.374 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

Tgt Ion: 63 Resp: 105880

Ion Ratio Lower Upper

63 100

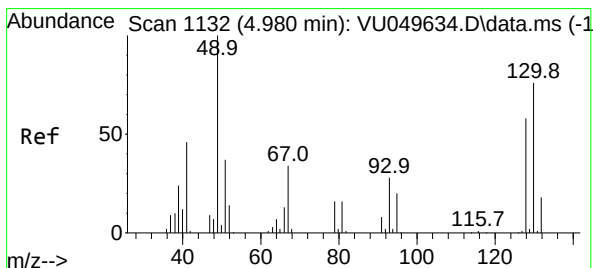
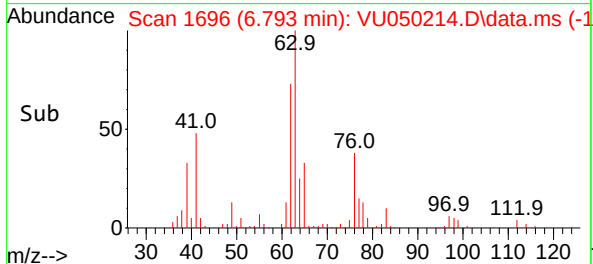
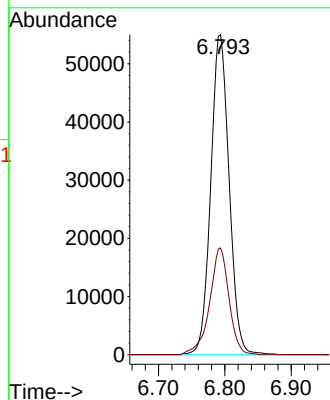
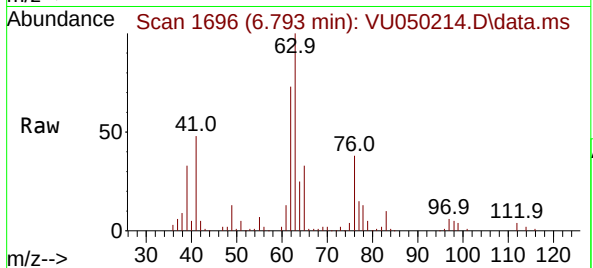
65 33.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#39

Methacrylonitrile

Concen: 11.256 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Tgt Ion: 41 Resp: 33108

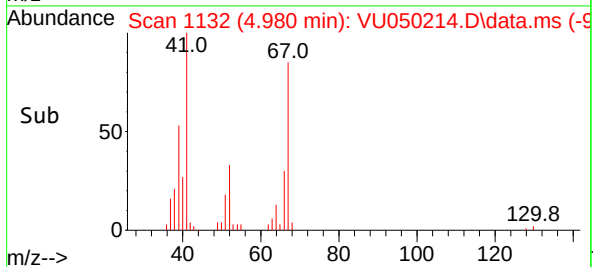
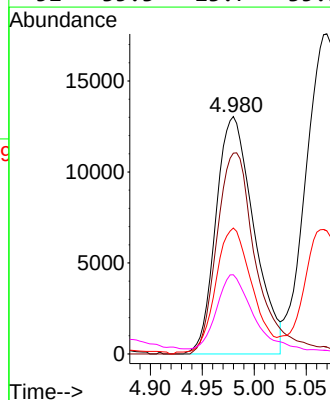
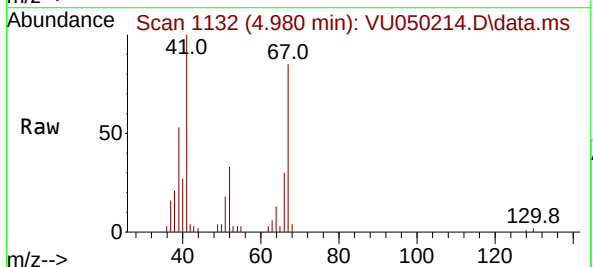
Ion Ratio Lower Upper

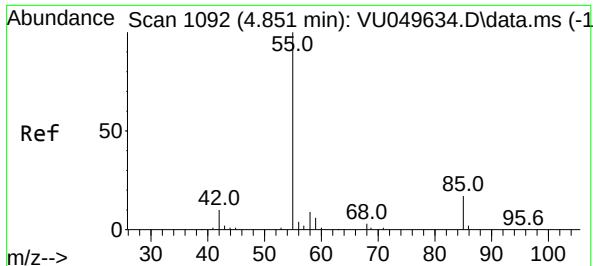
41 100

67 88.4 59.4 89.0

39 51.3 42.2 63.2

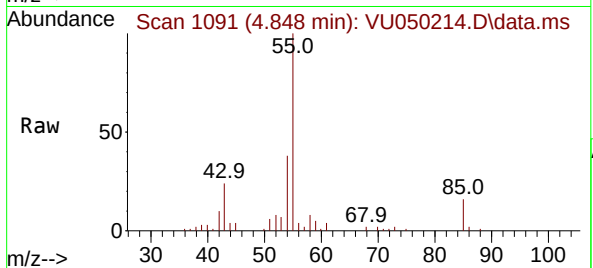
52 35.3 23.7 35.5





#40
Methyl acrylate
Concen: 12.587 ug/l
RT: 4.848 min Scan# 1091
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

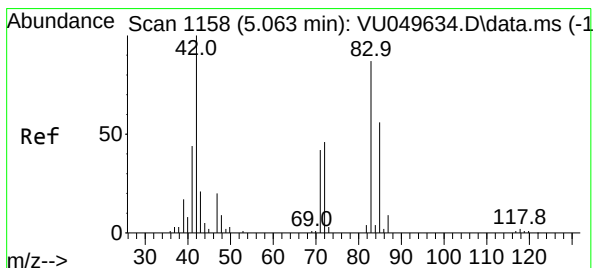
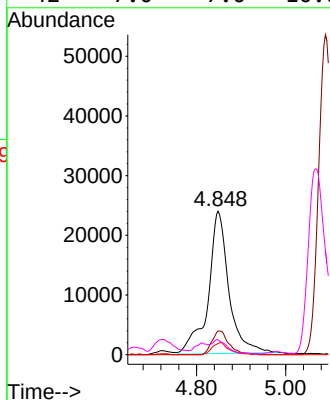
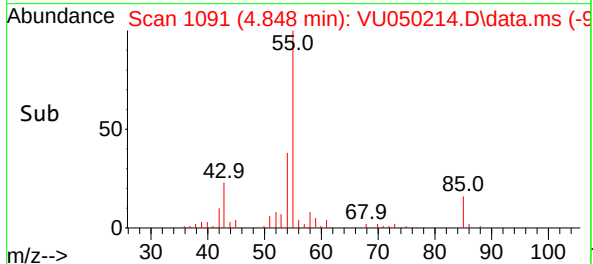
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion:	55	Resp:	7677
Ion Ratio	100	Lower	Upper
55	100		
85	13.8	13.5	20.3
58	6.8	7.0	10.4
42	7.0	7.0	10.6

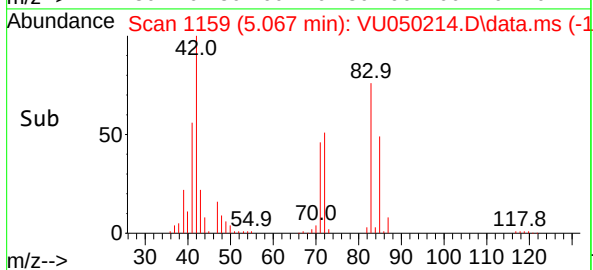
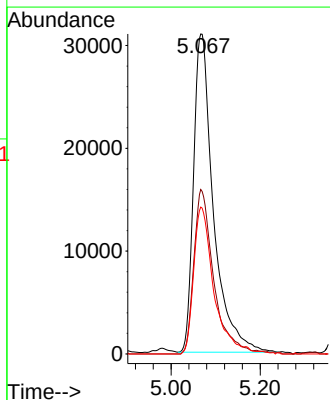
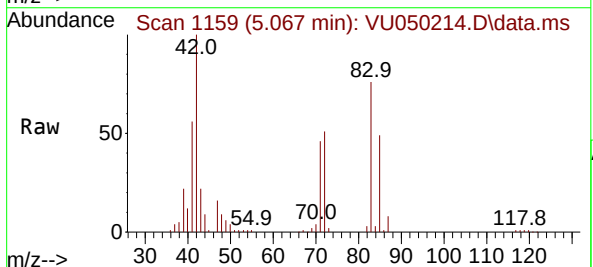
Manual Integrations
APPROVED

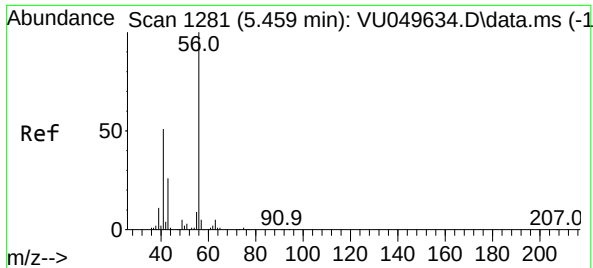
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#41
Tetrahydrofuran
Concen: 52.570 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.004 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

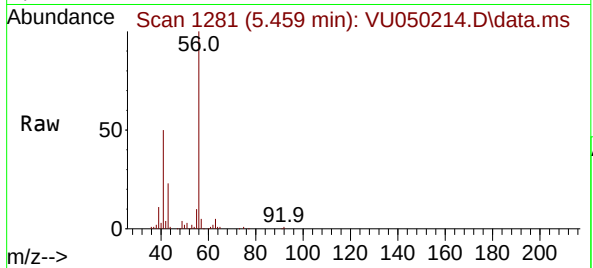
Tgt Ion:	42	Resp:	96135
Ion Ratio	100	Lower	Upper
42	100		
72	51.3	38.9	58.3
71	45.8	33.7	50.5





#42
1-Chlorobutane
Concen: 9.824 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

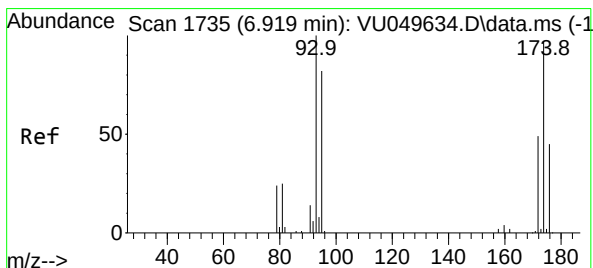
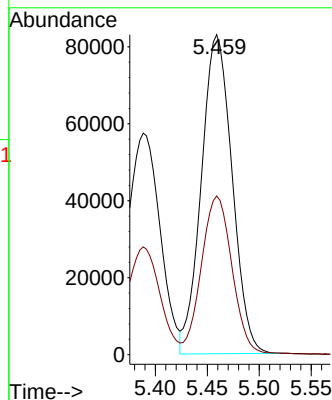
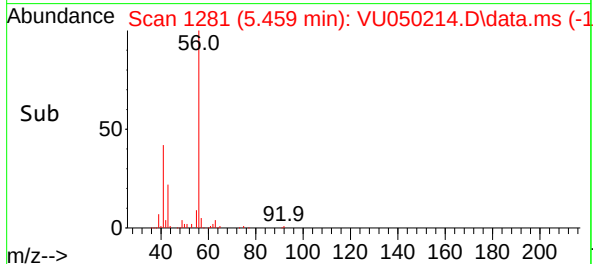
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 56 Resp: 170600
Ion Ratio Lower Upper
56 100
41 49.6 26.4 79.2

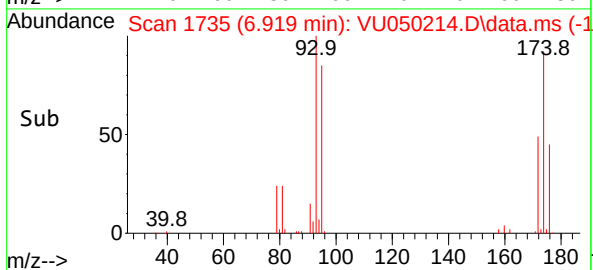
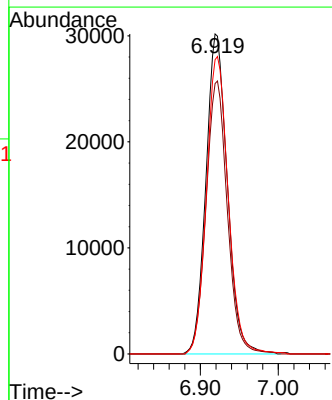
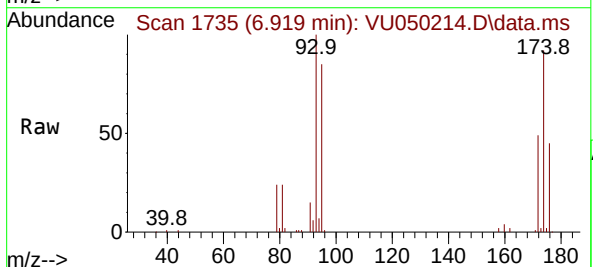
Manual Integrations
APPROVED

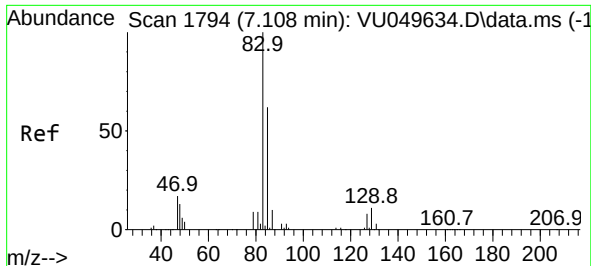
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#43
Dibromomethane
Concen: 9.845 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

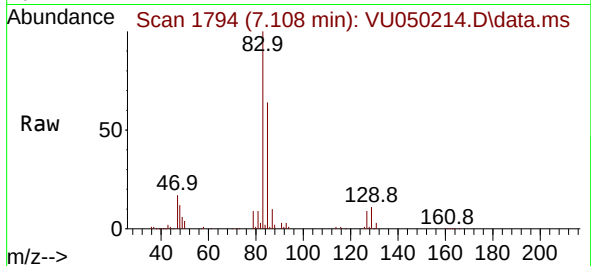
Tgt Ion: 93 Resp: 57587
Ion Ratio Lower Upper
93 100
95 84.8 65.0 97.6
174 94.7 76.3 114.5





#44
Bromodichloromethane
Concen: 9.999 ug/l
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

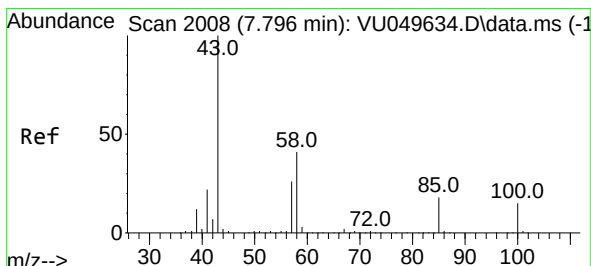
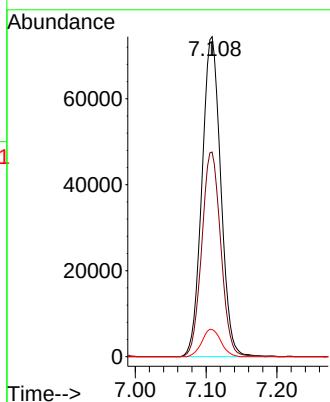
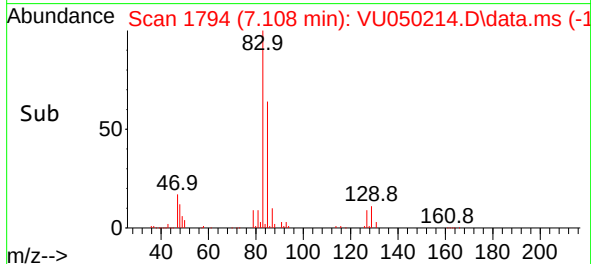
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



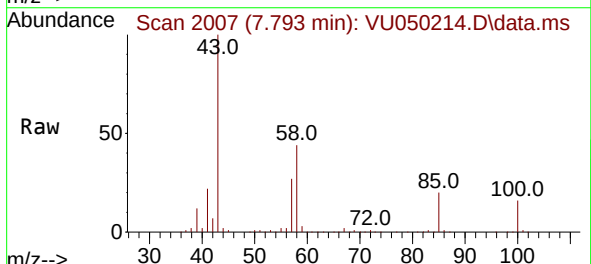
Tgt Ion: 83 Resp: 13732
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.0
127 8.5 6.6 10.0

Manual Integrations
APPROVED

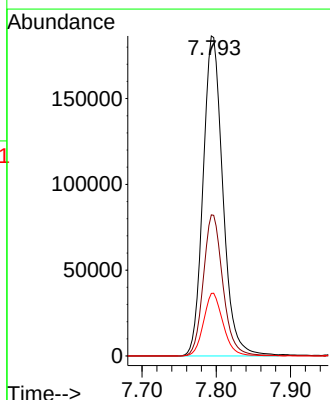
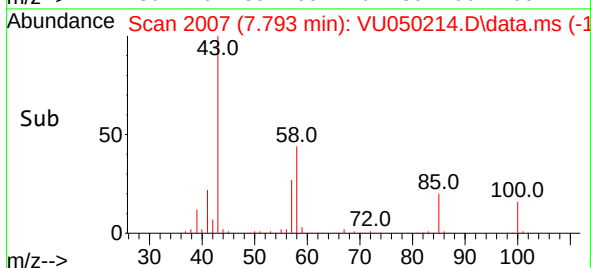
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

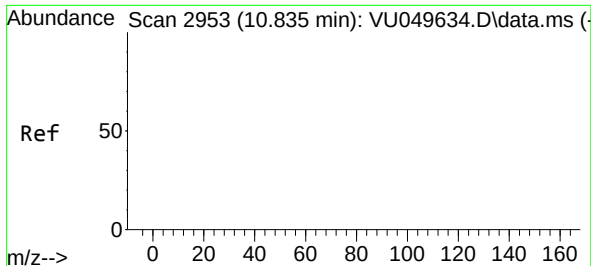


#45
4-Methyl-2-Pentanone
Concen: 53.170 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



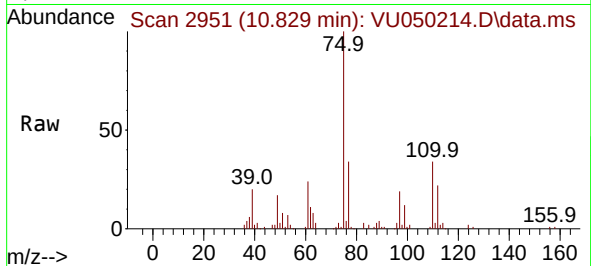
Tgt Ion: 43 Resp: 345092
Ion Ratio Lower Upper
43 100
58 43.7 20.3 61.0
85 19.4 14.6 21.8





#46
t-1,4-Dichloro-2-butene
Concen: 7.105 ug/l m
RT: 10.829 min Scan# 2953
Delta R.T. -0.006 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Instrument : MSVOA_U
ClientSampleId : VU050214.D
ICVVU081022

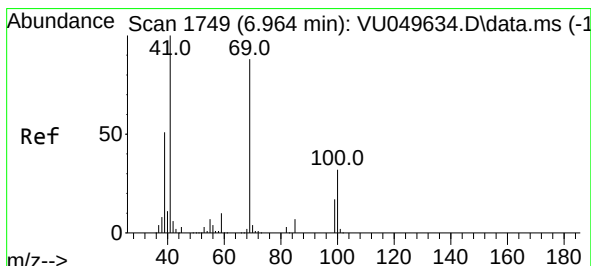
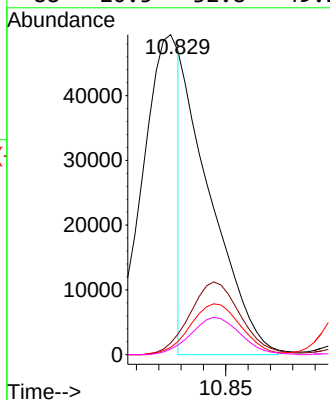
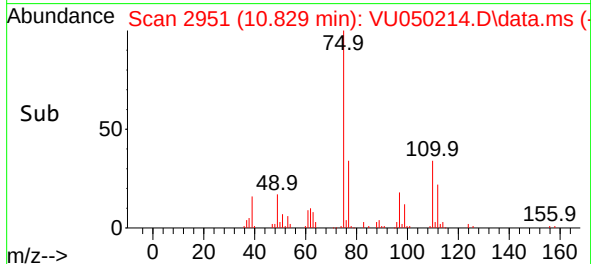


Tgt Ion: 75 Resp: 4345

Ion	Ratio	Lower	Upper
75	100		
53	41.1	64.4	96.6
89	28.9	44.2	66.2
88	20.5	32.8	49.2

Manual Integrations
APPROVED

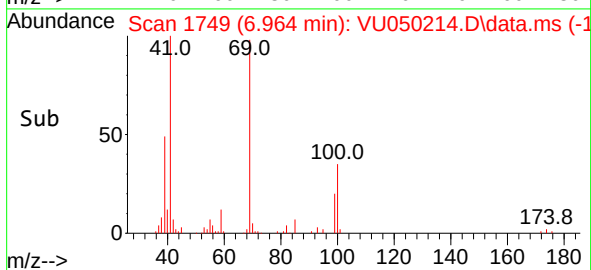
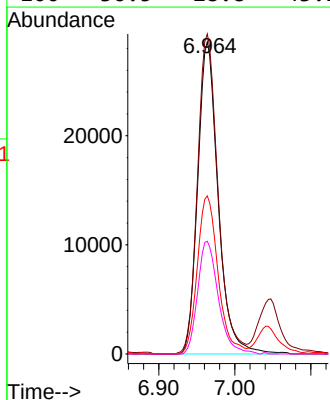
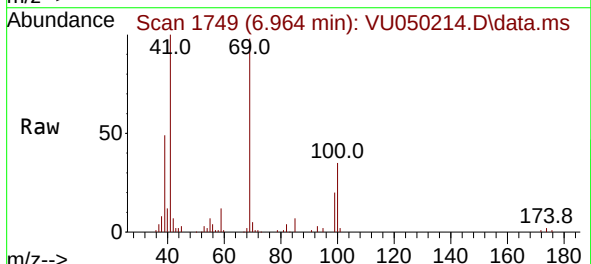
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

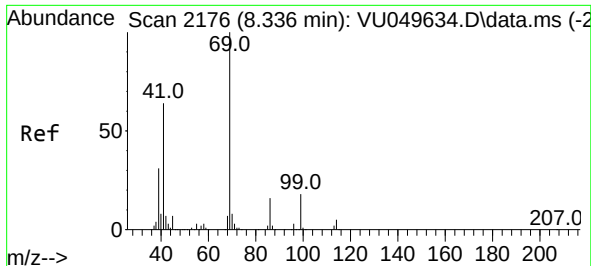


#47
Methyl methacrylate
Concen: 10.508 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion: 69 Resp: 53375

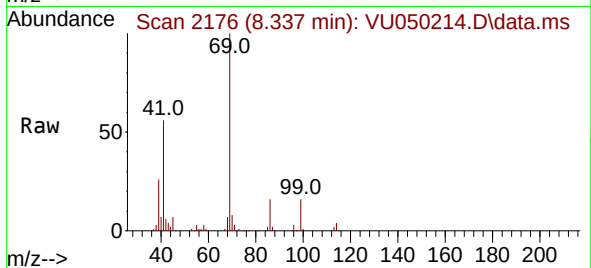
Ion	Ratio	Lower	Upper
69	100		
41	102.7	0.0	225.4
39	51.7	45.8	68.8
100	36.5	28.8	43.2





#48
Ethyl methacrylate
Concen: 11.426 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

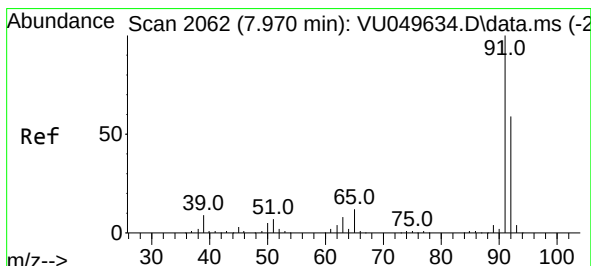
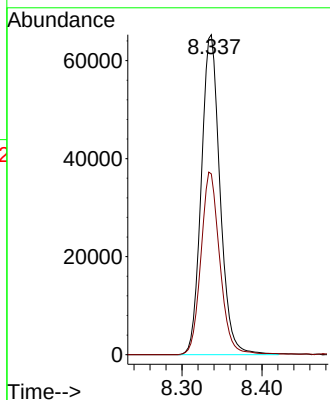
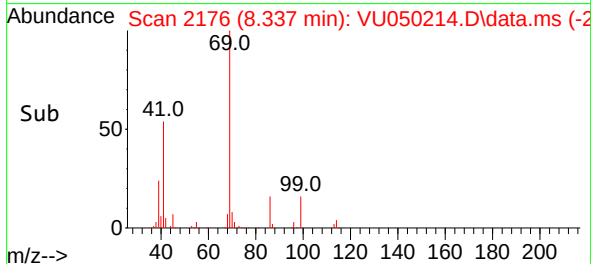
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 69 Resp: 106433
Ion Ratio Lower Upper
69 100
41 57.4 32.3 96.9

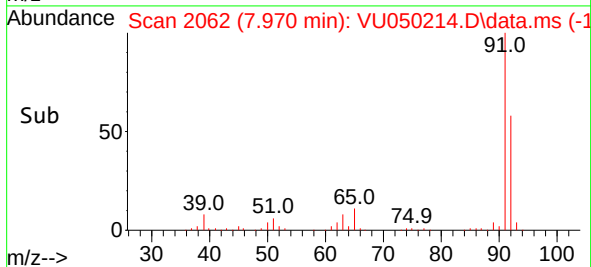
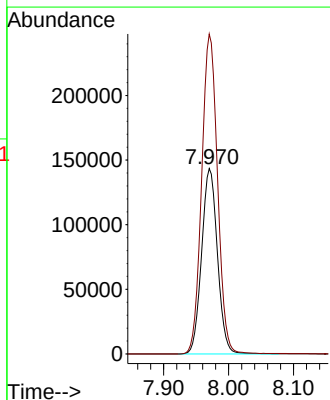
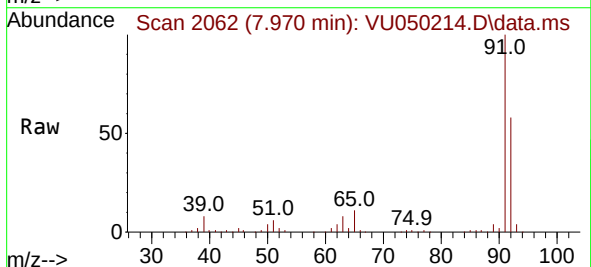
Manual Integrations
APPROVED

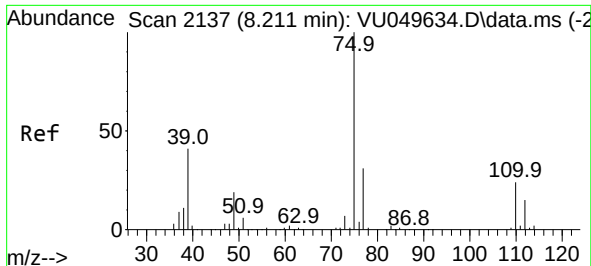
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#49
Toluene
Concen: 10.435 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion: 92 Resp: 243309
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8





#50

t-1,3-Dichloropropene

Concen: 10.999 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

Tgt Ion: 75 Resp: 13226

Ion Ratio Lower Upper

75 100

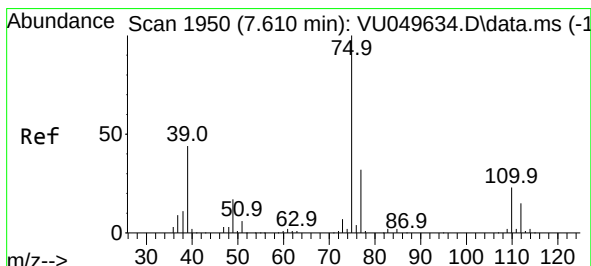
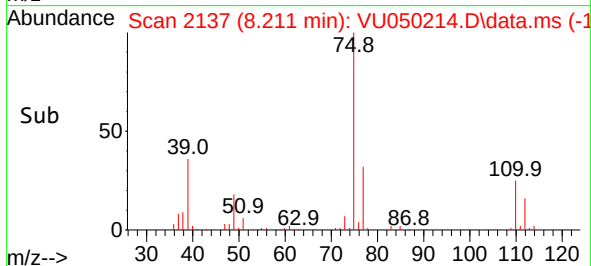
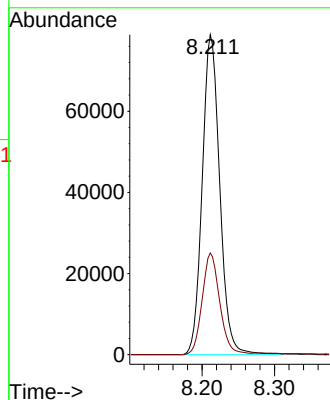
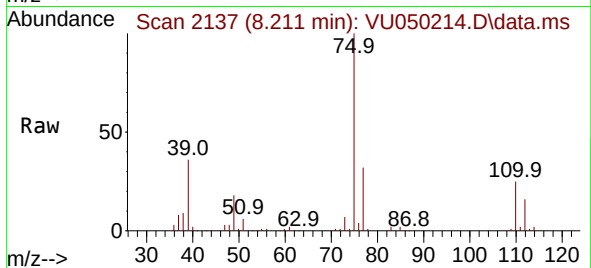
77 31.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#51

cis-1,3-Dichloropropene

Concen: 10.883 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

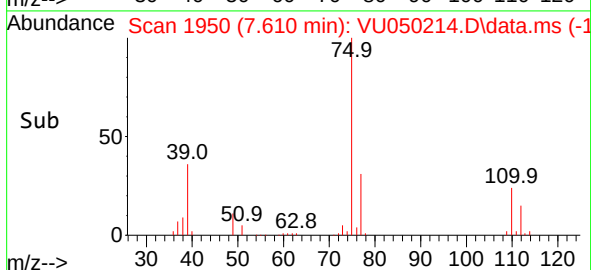
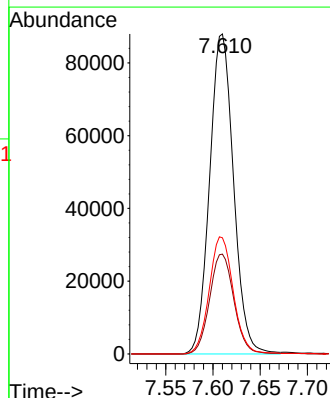
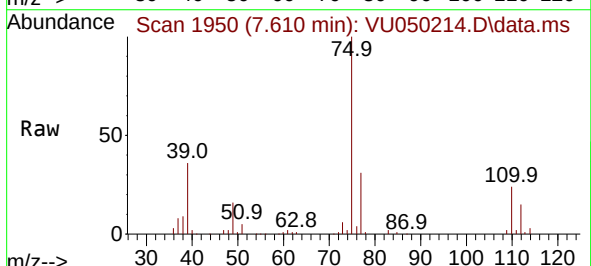
Tgt Ion: 75 Resp: 154791

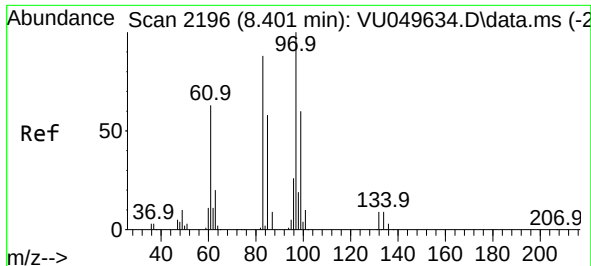
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 36.3 35.1 52.7





#52

1,1,2-Trichloroethane

Concen: 9.823 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

Tgt Ion: 97 Resp: 8196

Ion Ratio Lower Upper

97 100

83 89.6 70.6 106.0

85 56.9 46.2 69.4

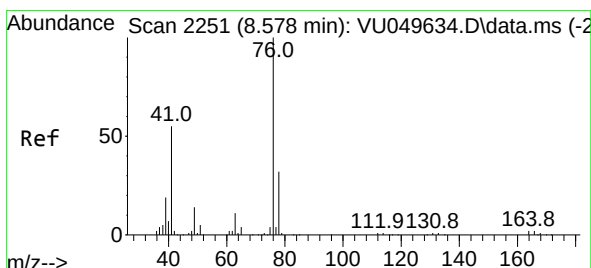
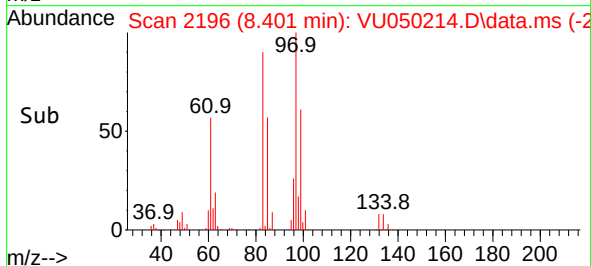
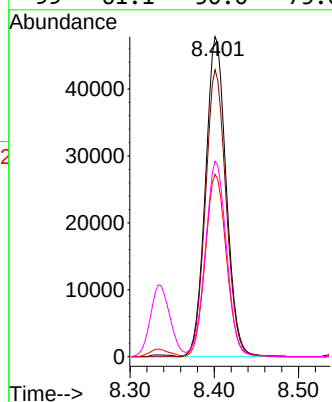
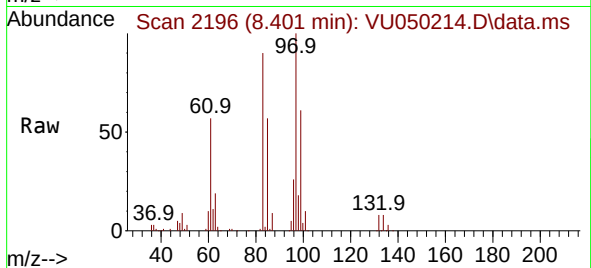
99 61.1 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#53

1,3-Dichloropropane

Concen: 9.846 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU050214.D

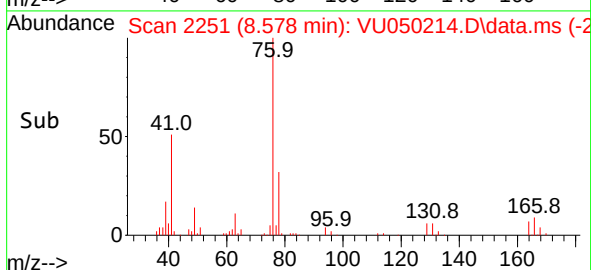
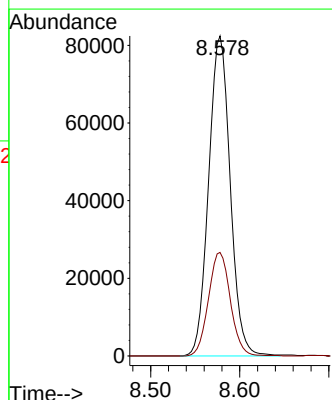
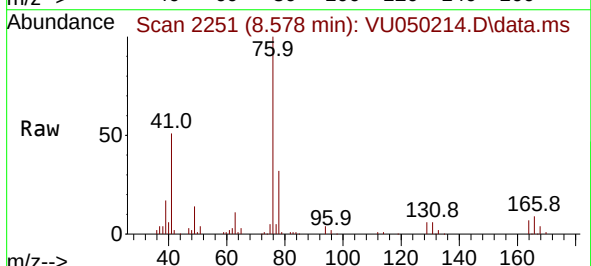
Acq: 10 Aug 2022 12:23

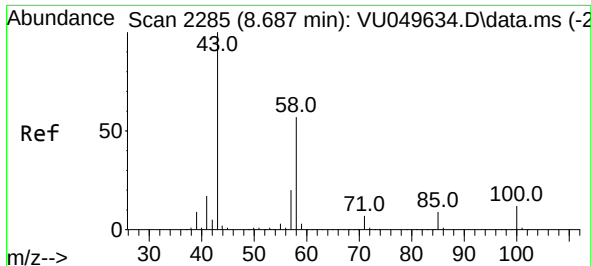
Tgt Ion: 76 Resp: 138560

Ion Ratio Lower Upper

76 100

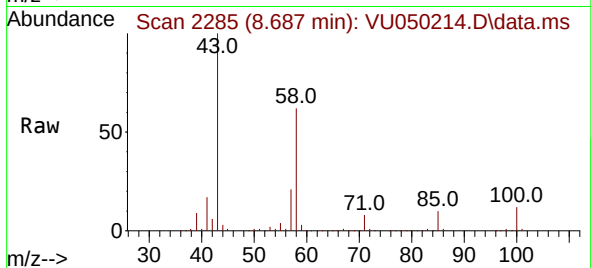
78 32.9 26.0 39.0





#54
2-Hexanone
Concen: 53.433 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

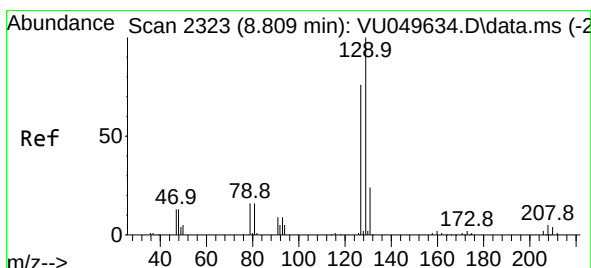
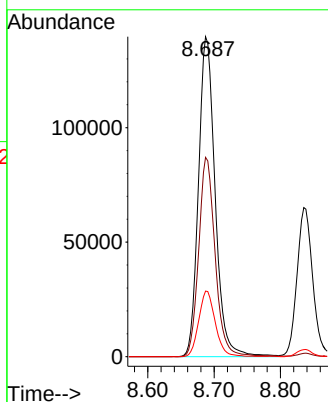
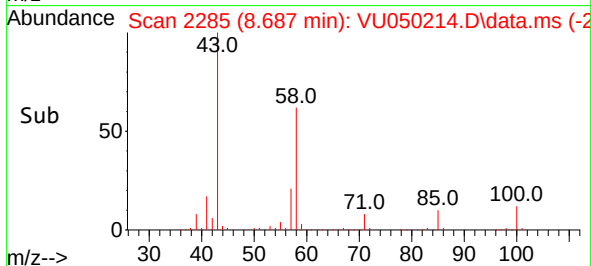
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 43 Resp: 244679
Ion Ratio Lower Upper
43 100
58 61.5 37.1 77.1
57 20.5 0.0 39.5

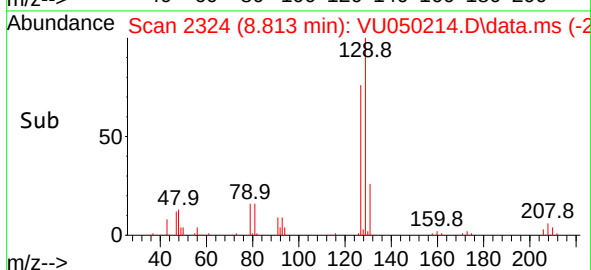
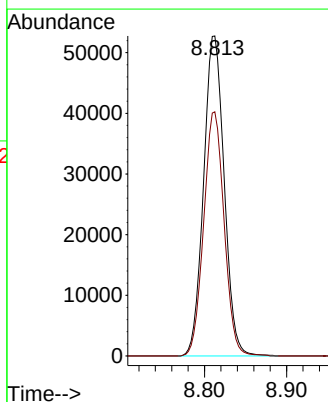
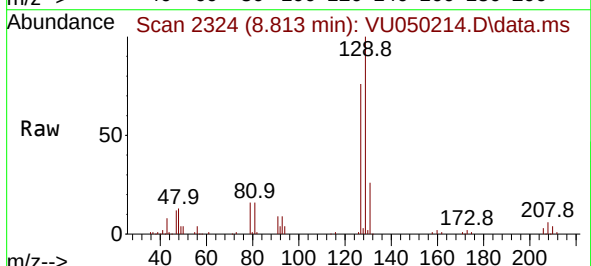
Manual Integrations
APPROVED

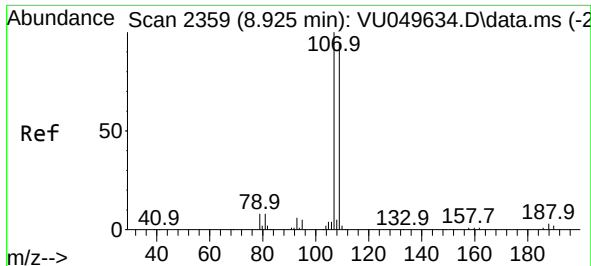
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#55
Dibromochloromethane
Concen: 9.924 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.004 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

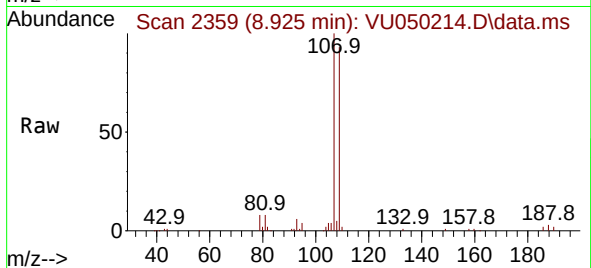
Tgt Ion:129 Resp: 92027
Ion Ratio Lower Upper
129 100
127 75.6 61.2 91.8





#56
1,2-Dibromoethane
Concen: 10.372 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

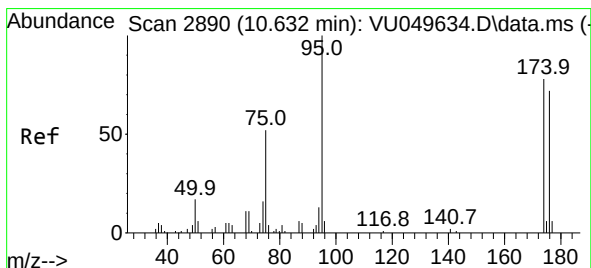
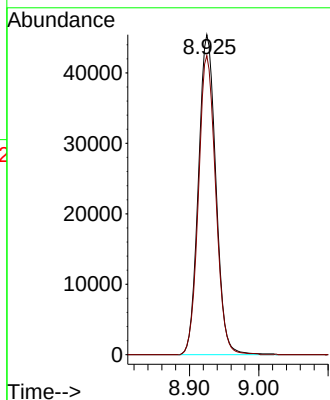
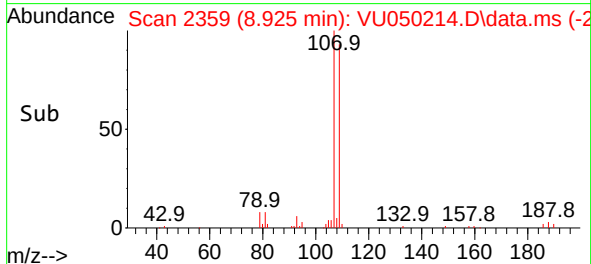
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



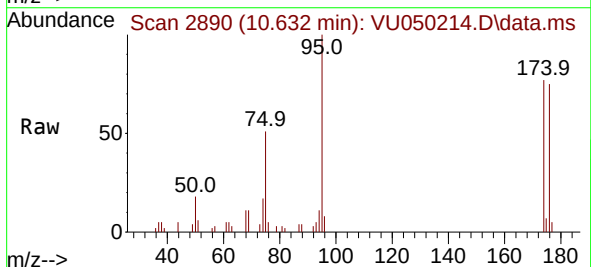
Tgt Ion:107 Resp: 7944
Ion Ratio Lower Upper
107 100
109 92.5 0.0 187.2

Manual Integrations
APPROVED

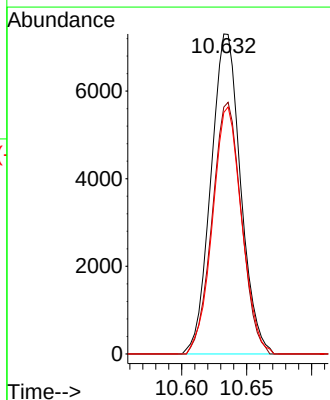
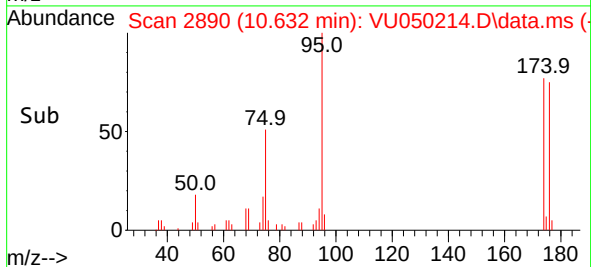
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

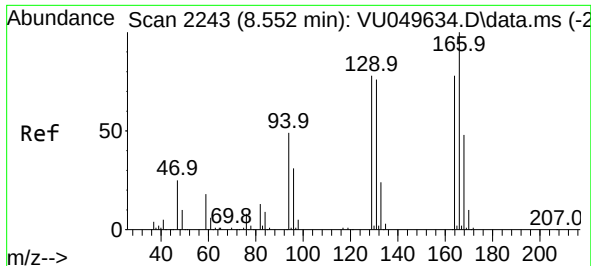


#57
4-Bromofluorobenzene
Concen: 1.013 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



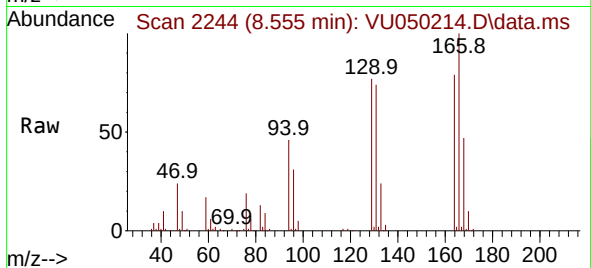
Tgt Ion: 95 Resp: 11591
Ion Ratio Lower Upper
95 100
174 77.3 62.4 93.6
176 75.9 56.2 84.2





#58
Tetrachloroethene
Concen: 9.644 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

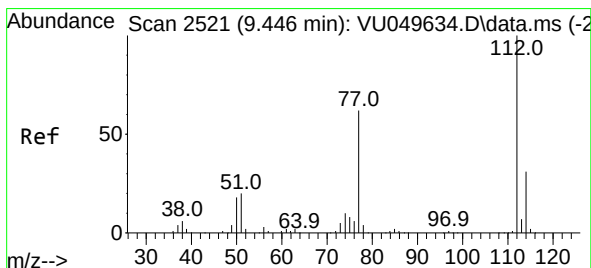
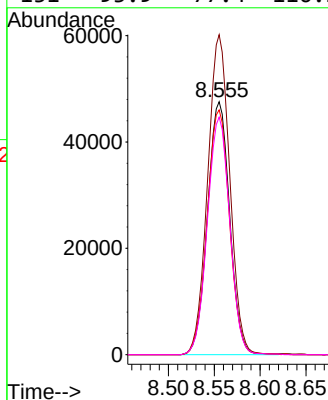
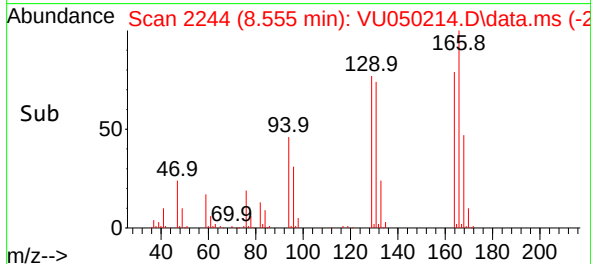
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion:164 Resp: 79998
Ion Ratio Lower Upper
164 100
166 126.5 102.4 153.6
129 96.8 79.5 119.3
131 93.9 77.4 116.2

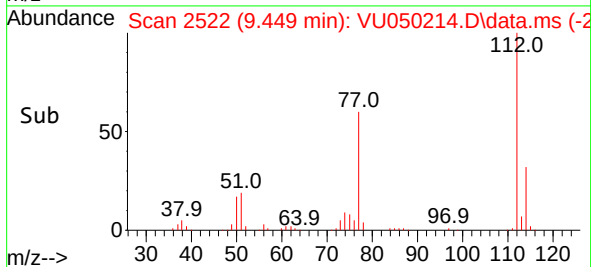
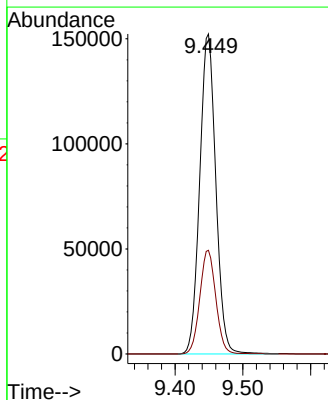
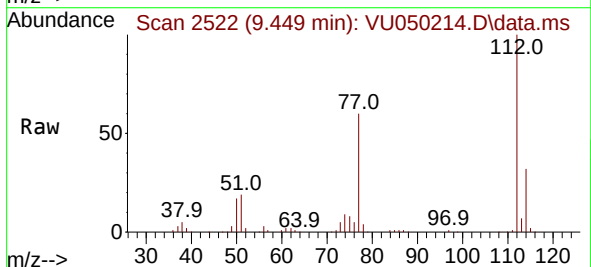
Manual Integrations
APPROVED

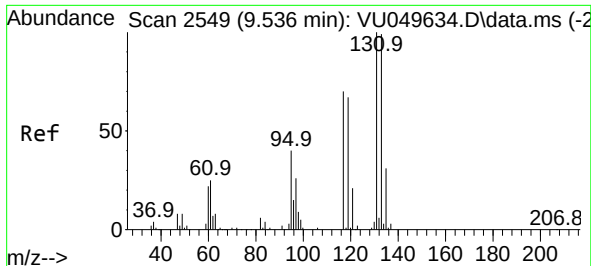
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#59
Chlorobenzene
Concen: 10.145 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

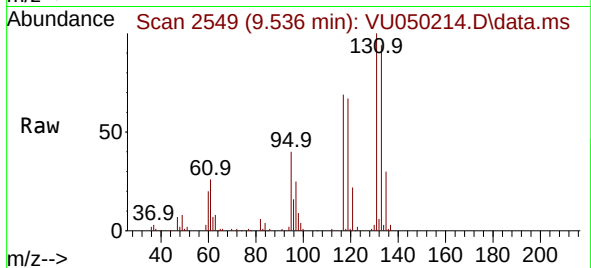
Tgt Ion:112 Resp: 251118
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3





#60
1,1,1,2-Tetrachloroethane
Concen: 9.795 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

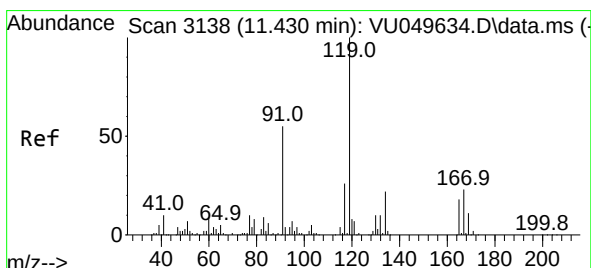
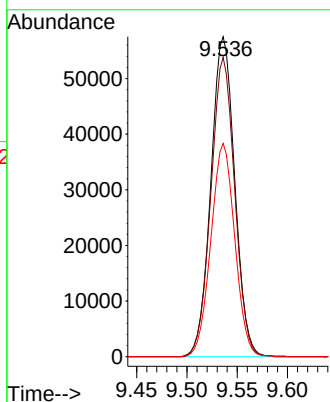
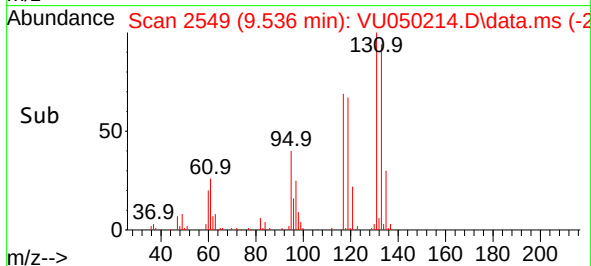
Instrument : MSVOA_U
ClientSampleId : VU050214.D
ICVVU081022



Tgt Ion:131 Resp: 94990
Ion Ratio Lower Upper
131 100
133 93.4 78.3 117.5
119 66.8 53.2 79.8

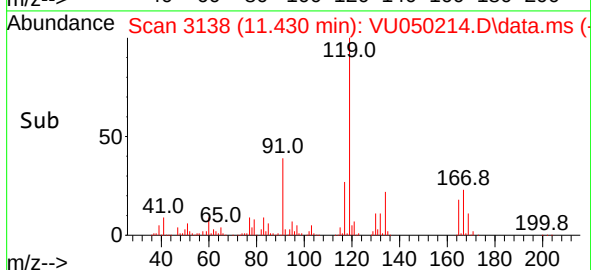
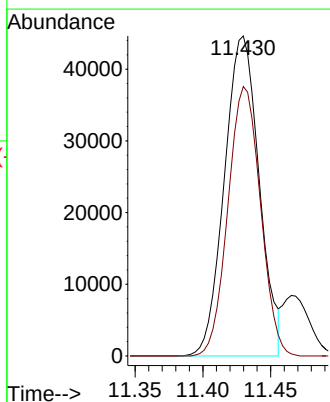
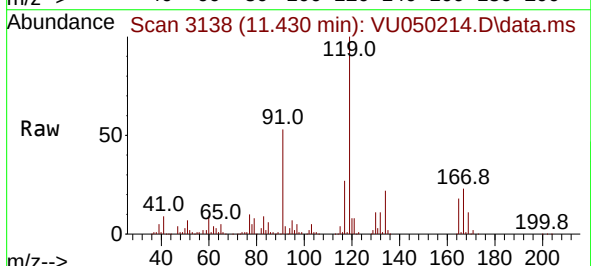
Manual Integrations
APPROVED

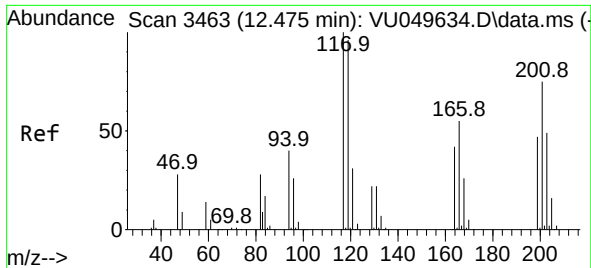
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#61
Pentachloroethane
Concen: 10.114 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

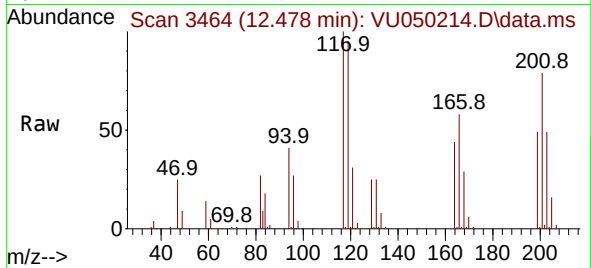
Tgt Ion:117 Resp: 79595
Ion Ratio Lower Upper
117 100
167 78.7 66.2 99.4





#62
Hexachloroethane
Concen: 10.318 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

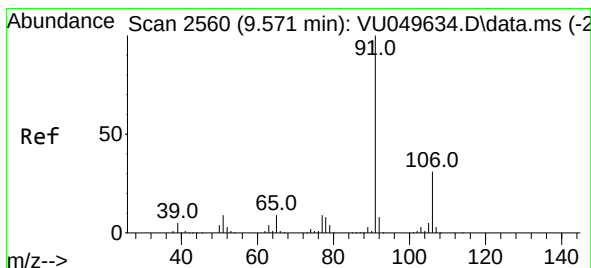
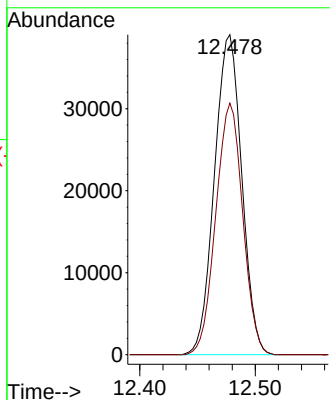
Instrument : MSVOA_U
ClientSampleId : VU050214.D
ICVVU081022



Tgt Ion: 117 Resp: 64098
Ion Ratio Lower Upper
117 100
201 77.6 61.0 91.4

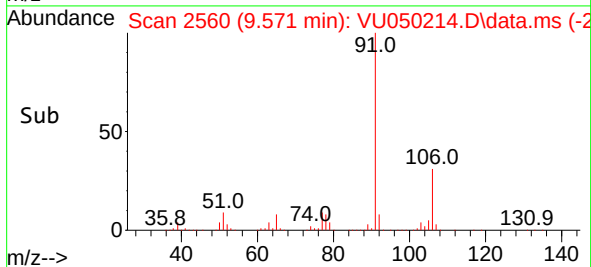
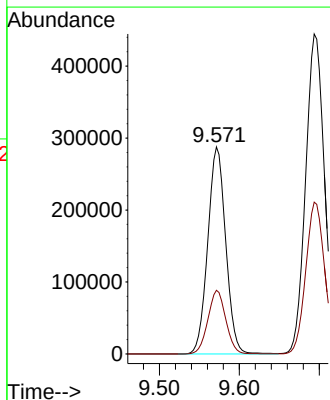
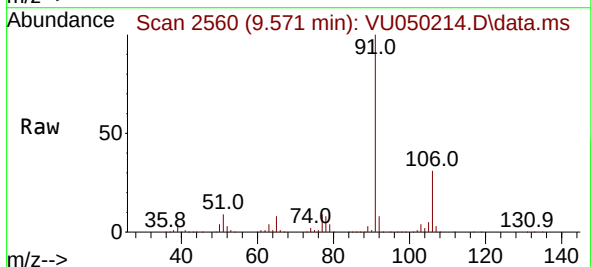
Manual Integrations
APPROVED

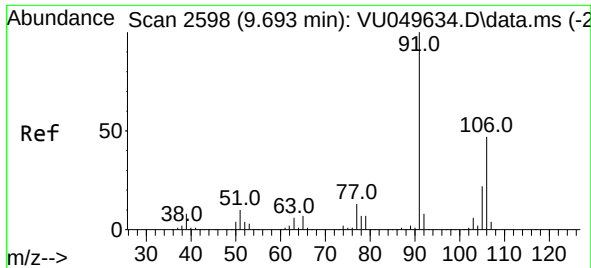
Reviewed By : John Carlone 08/11/2022
Supervised By : Mahesh Dadoda 08/11/2022



#63
Ethyl Benzene
Concen: 11.173 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion: 91 Resp: 448993
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





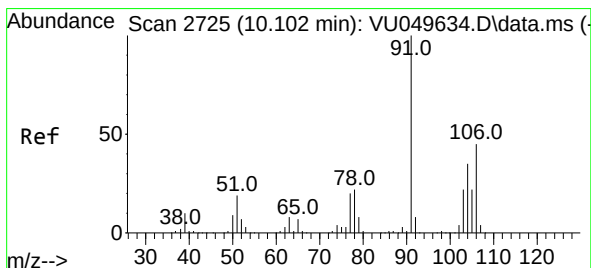
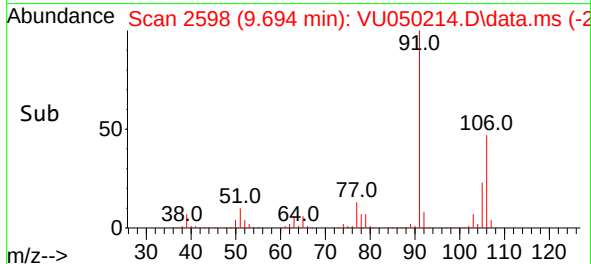
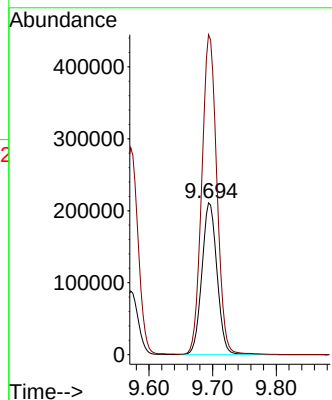
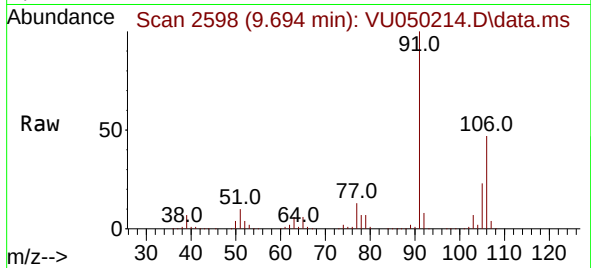
#64
m/p-Xylenes
Concen: 22.868 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022

Tgt Ion:106 Resp: 349118
Ion Ratio Lower Upper
106 100
91 209.8 167.8 251.6

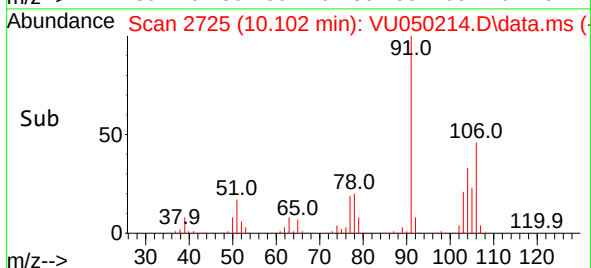
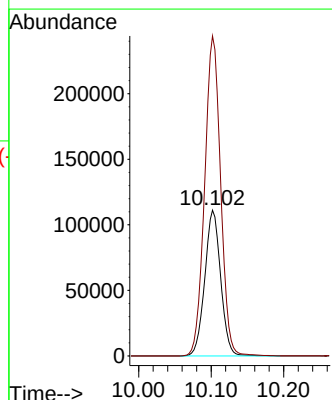
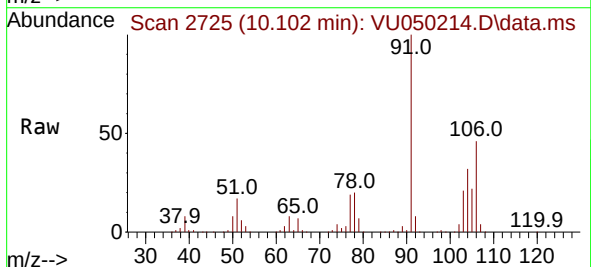
Manual Integrations
APPROVED

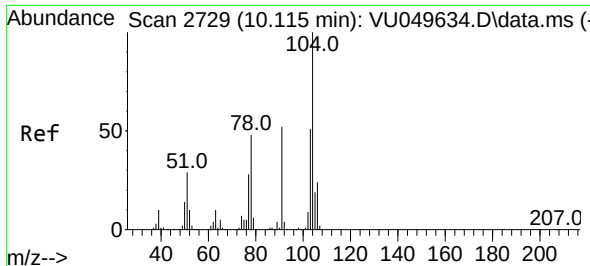
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#65
o-Xylene
Concen: 11.358 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

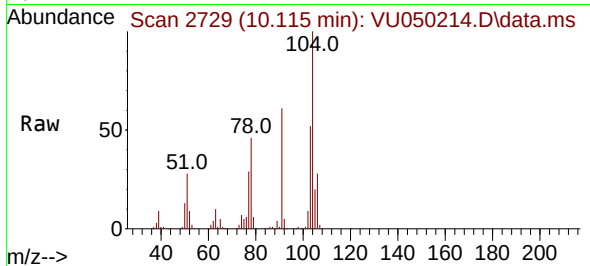
Tgt Ion:106 Resp: 169367
Ion Ratio Lower Upper
106 100
91 221.2 111.1 333.2





#66
Styrene
Concen: 11.988 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

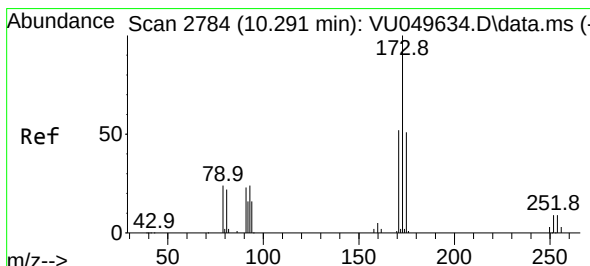
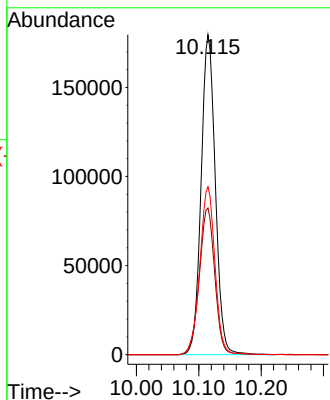
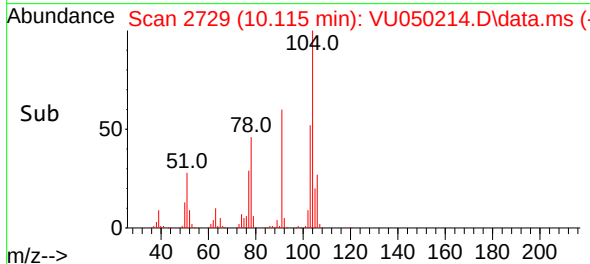
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion:104 Resp: 28538
Ion Ratio Lower Upper
104 100
78 49.9 42.1 63.1
103 55.8 44.5 66.7

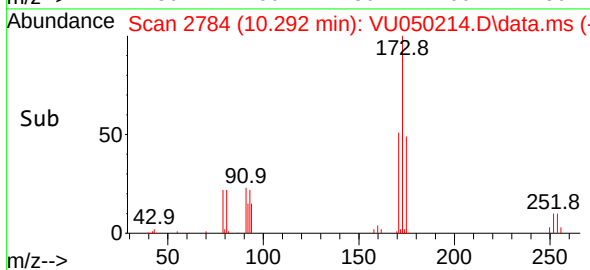
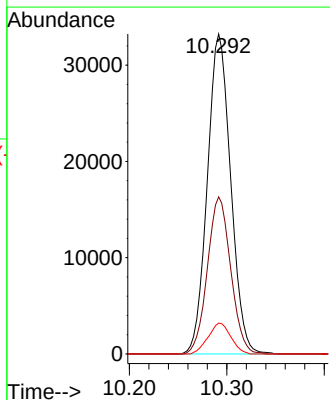
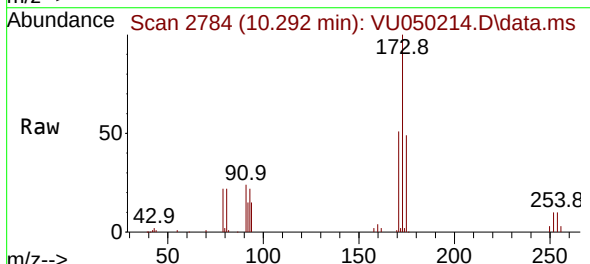
Manual Integrations
APPROVED

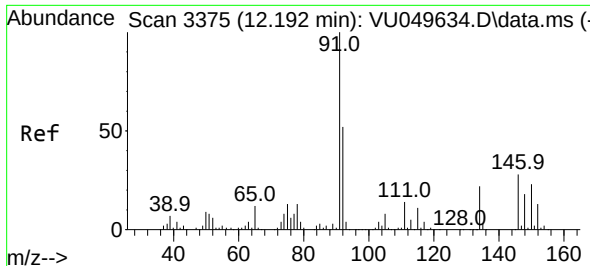
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#67
Bromoform
Concen: 10.321 ug/l
RT: 10.292 min Scan# 2784
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

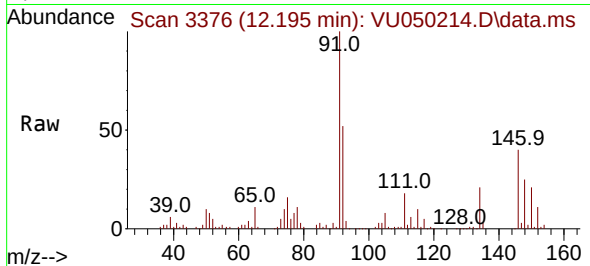
Tgt Ion:173 Resp: 55327
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
254 9.4 7.7 11.5





#68
1,2-Dichlorobenzene-d4
Concen: 1.032 ug/l
RT: 12.195 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

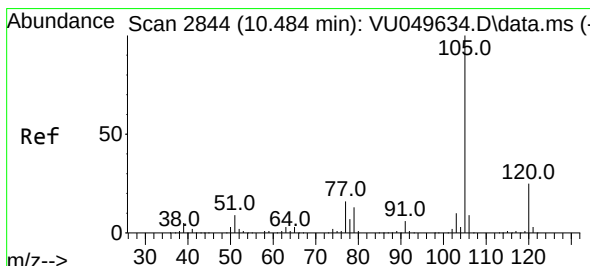
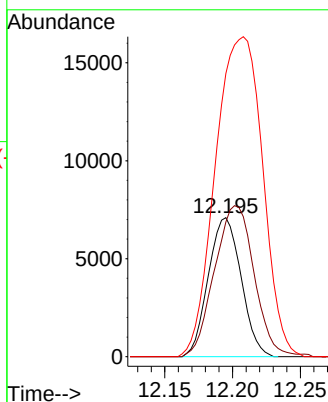
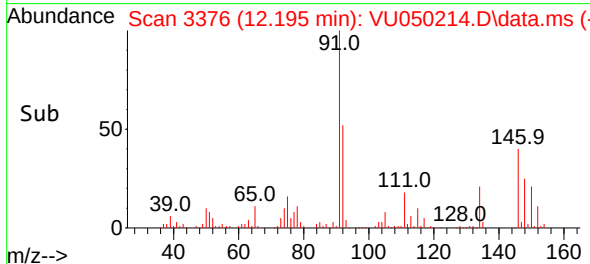
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



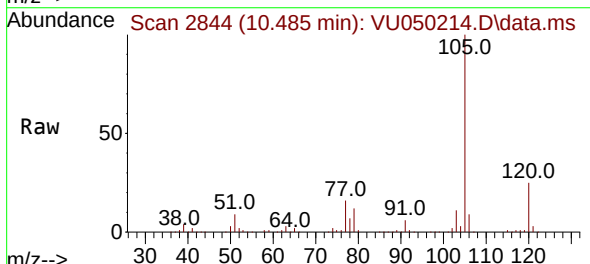
Tgt Ion:152 Resp: 11940
Ion Ratio Lower Upper
152 100
115 131.5 0.0 254.6
150 331.6 0.0 623.6

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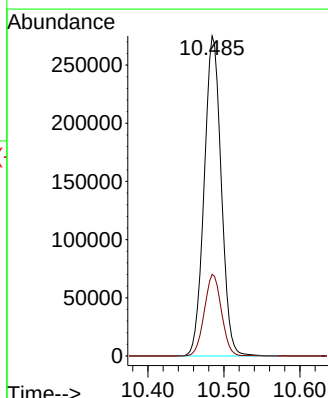
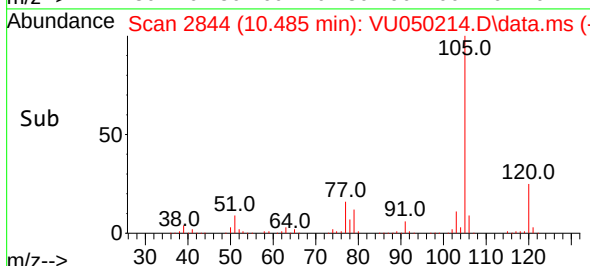
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

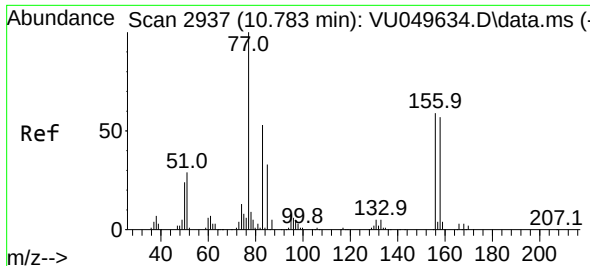


#69
Isopropylbenzene
Concen: 11.495 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



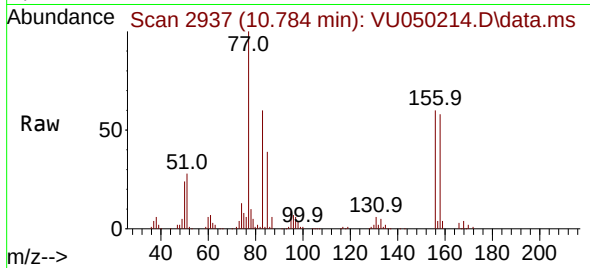
Tgt Ion:105 Resp: 428093
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8





#70
1,1,2,2-Tetrachloroethane
Concen: 9.618 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

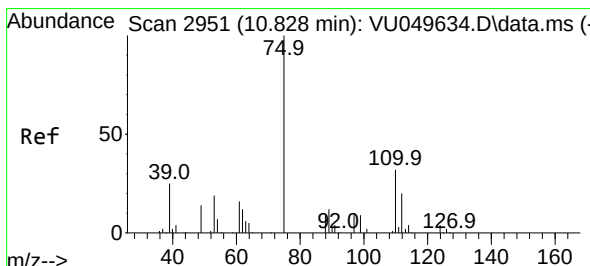
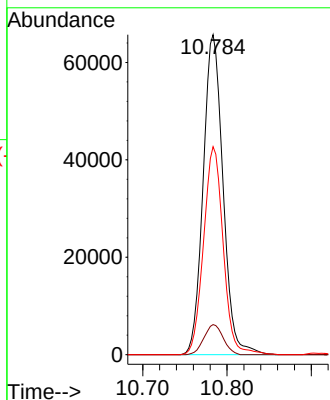
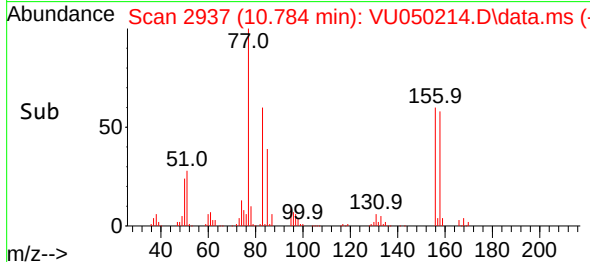
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



Tgt Ion: 83 Resp: 107964
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 64.3 51.2 76.8

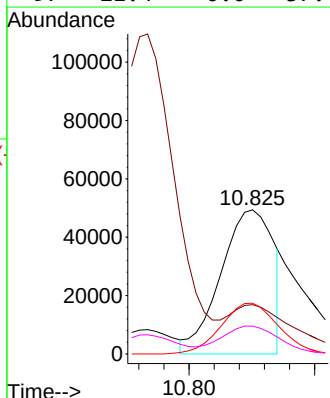
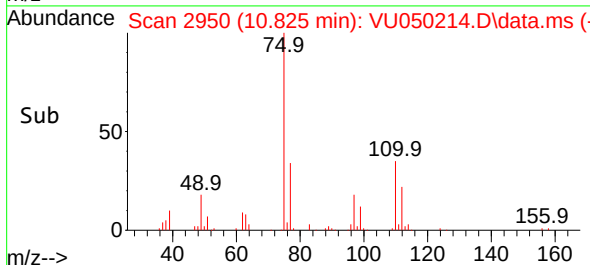
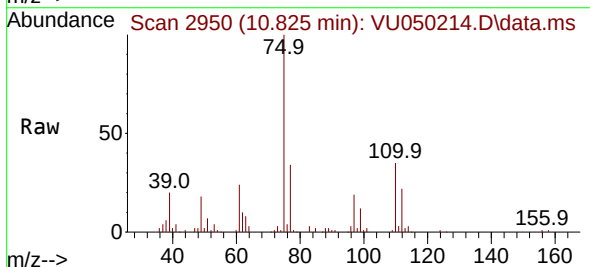
Manual Integrations
APPROVED

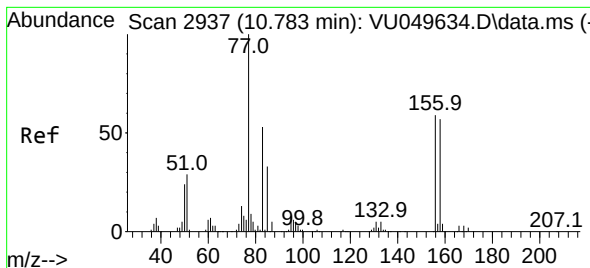
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#71
1,2,3-Trichloropropane
Concen: 8.715 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Tgt Ion: 75 Resp: 71825
Ion Ratio Lower Upper
75 100
77 41.6 0.0 112.4
110 38.5 0.0 70.6
97 21.4 0.0 37.4





#72

Bromobenzene

Concen: 10.462 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.001 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022

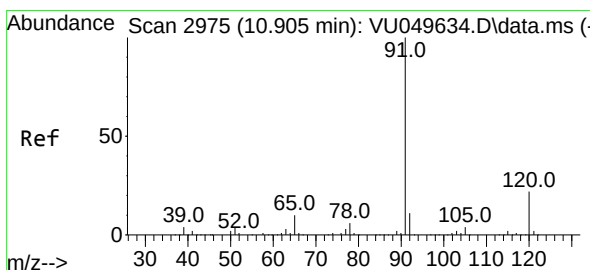
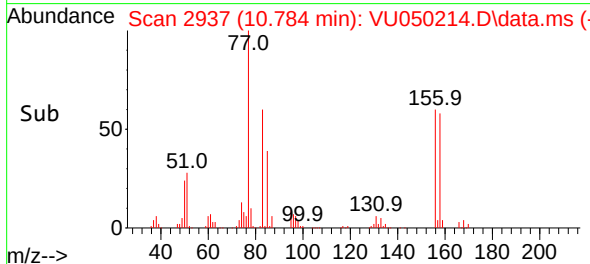
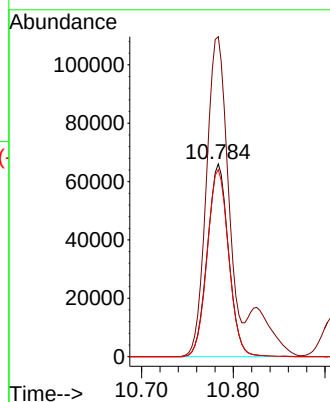
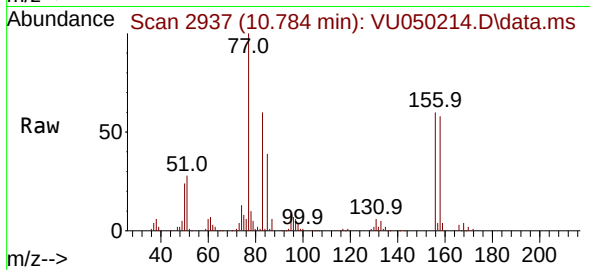
Tgt Ion:	156	Resp:	10621
Ion Ratio	Lower	Upper	
156	100		
77	171.0	0.0	344.4
158	98.1	0.0	192.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#73

n-propylbenzene

Concen: 12.030 ug/l

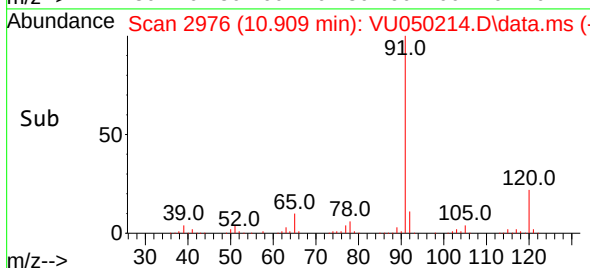
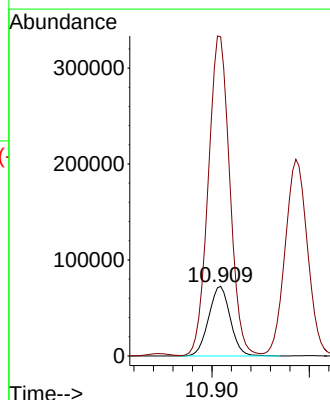
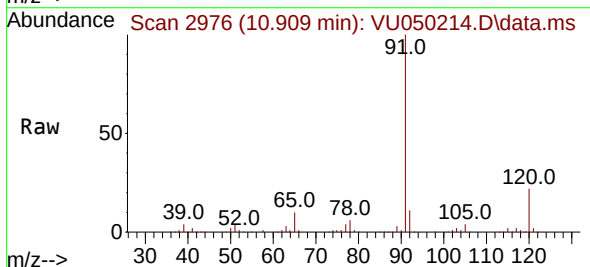
RT: 10.909 min Scan# 2976

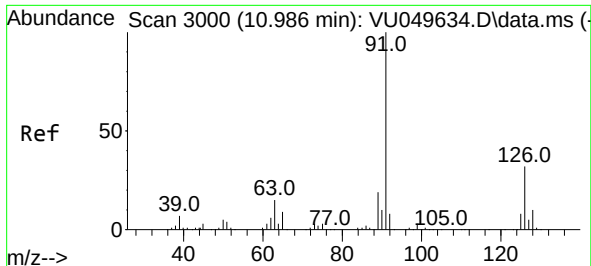
Delta R.T. 0.004 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

Tgt Ion:	120	Resp:	111255
Ion Ratio	Lower	Upper	
120	100		
91	459.2	367.8	551.6





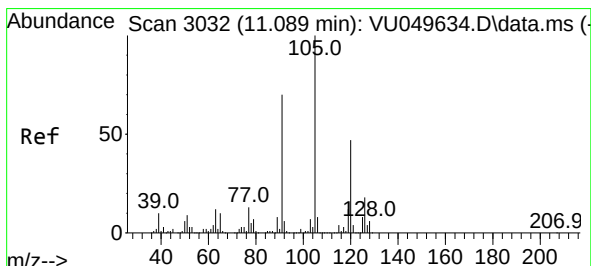
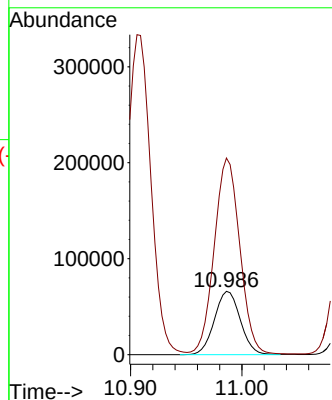
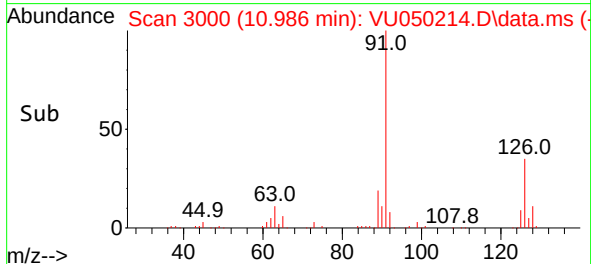
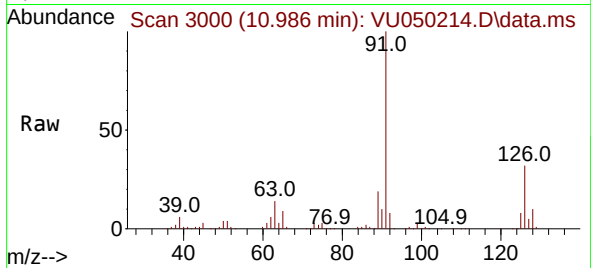
#74
2-Chlorotoluene
Concen: 11.231 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022

Tgt Ion:126 Resp: 106623
Ion Ratio Lower Upper
126 100
91 306.1 0.0 620.6

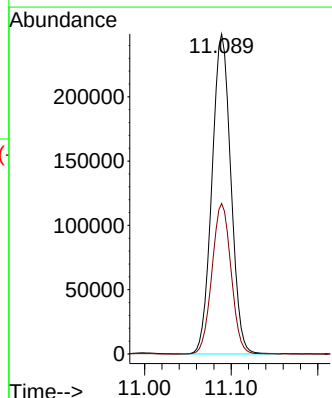
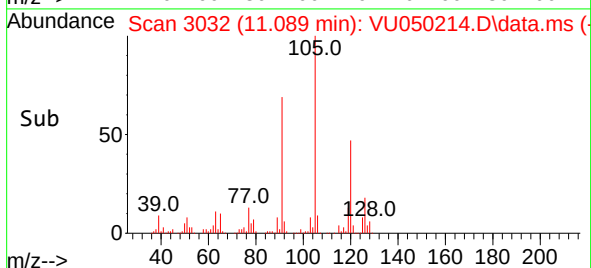
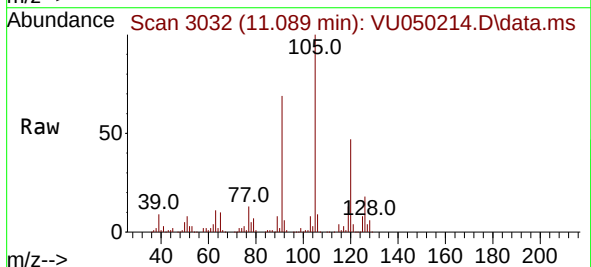
Manual Integrations
APPROVED

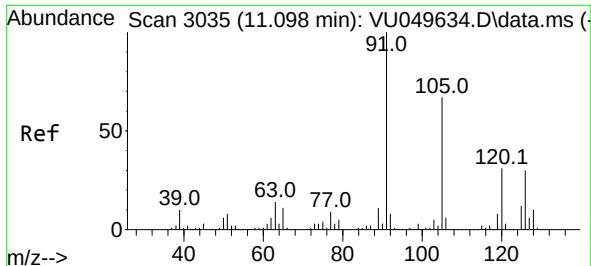
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#75
1,3,5-Trimethylbenzene
Concen: 11.901 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

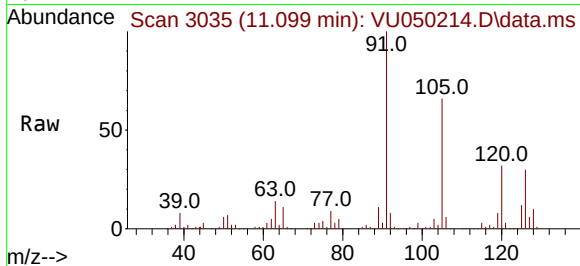
Tgt Ion:105 Resp: 377930
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4





#76
4-Chlorotoluene
Concen: 11.426 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

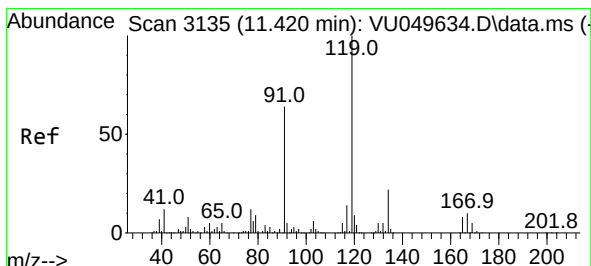
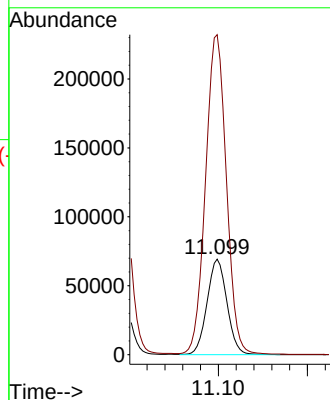
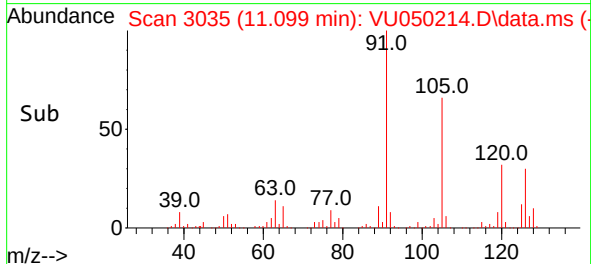
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



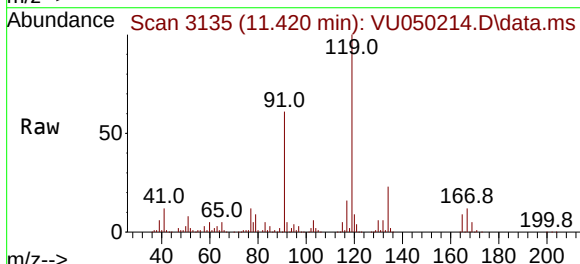
Tgt Ion:126 Resp: 10735
Ion Ratio Lower Upper
126 100
91 349.0 0.0 738.8

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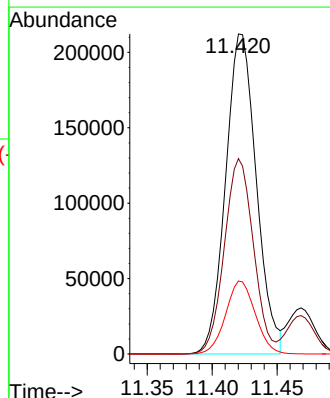
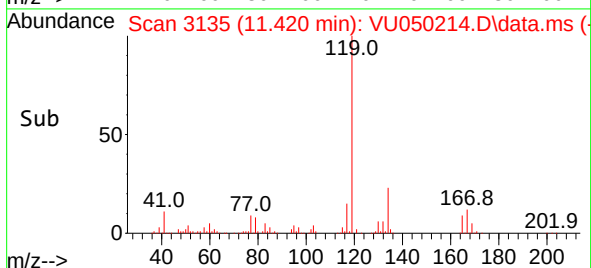
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

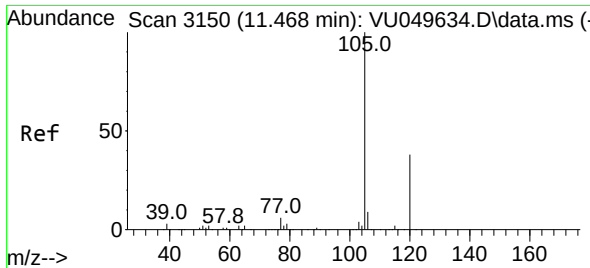


#77
tert-Butylbenzene
Concen: 11.103 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



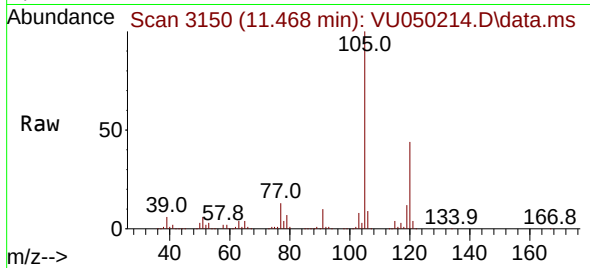
Tgt Ion:119 Resp: 349725
Ion Ratio Lower Upper
119 100
91 57.8 30.4 91.3
134 22.0 17.8 26.6





#78
1,2,4-Trimethylbenzene
Concen: 11.689 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

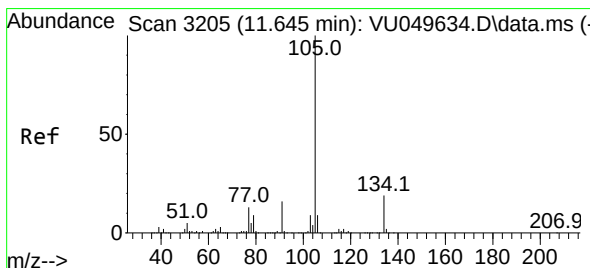
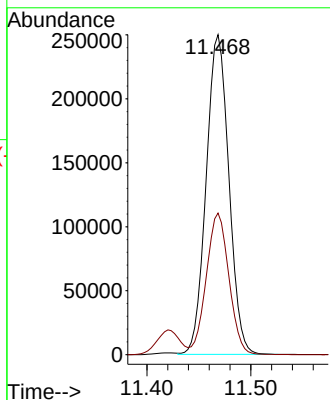
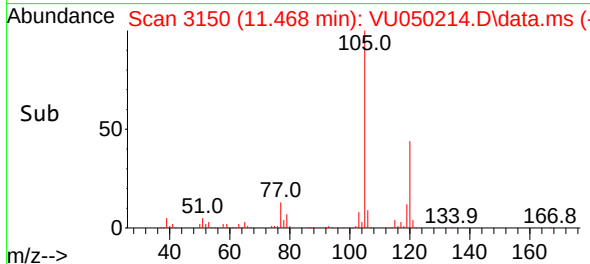
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



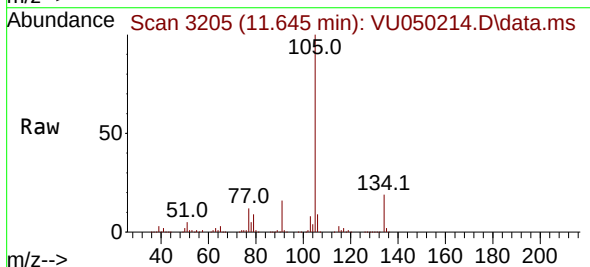
Tgt Ion:105 Resp: 378454
Ion Ratio Lower Upper
105 100
120 44.3 21.6 65.0

Manual Integrations
APPROVED

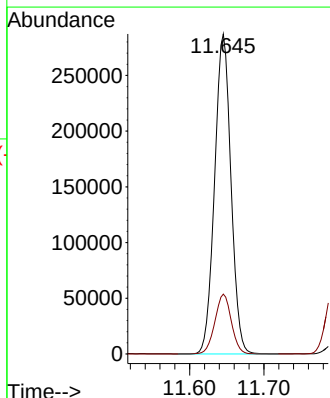
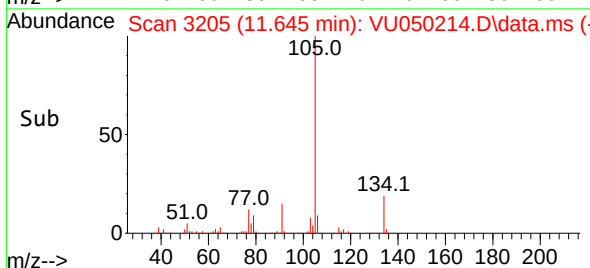
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

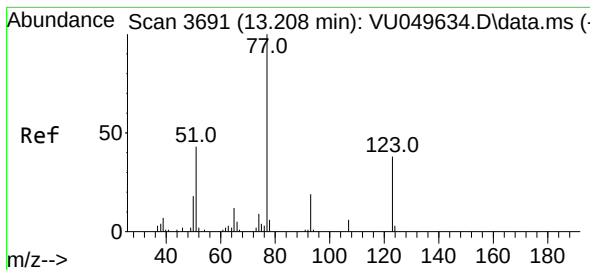


#79
sec-Butylbenzene
Concen: 11.479 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



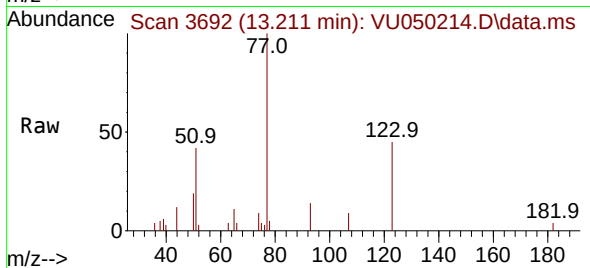
Tgt Ion:105 Resp: 439217
Ion Ratio Lower Upper
105 100
134 18.8 15.4 23.0





#80
Nitrobenzene
Concen: 12.862 ug/l
RT: 13.211 min Scan# 3692
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

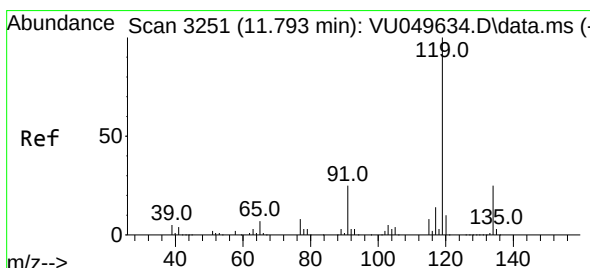
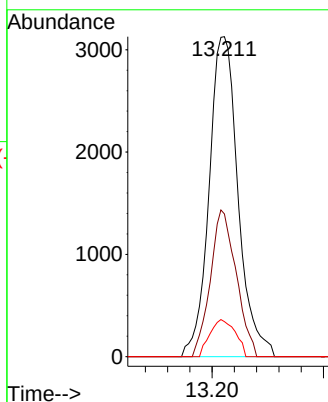
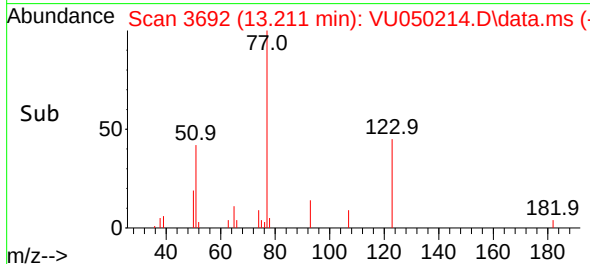
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



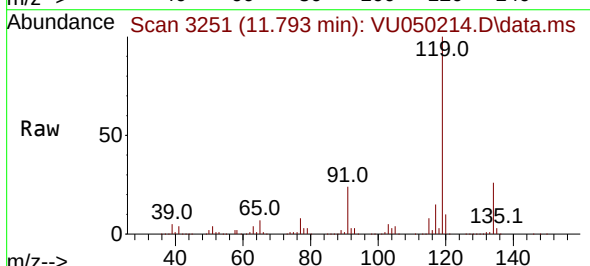
Tgt Ion: 77 Resp: 565
Ion Ratio Lower Upper
77 100
123 40.8 18.1 64.3
65 10.2 10.8 13.8

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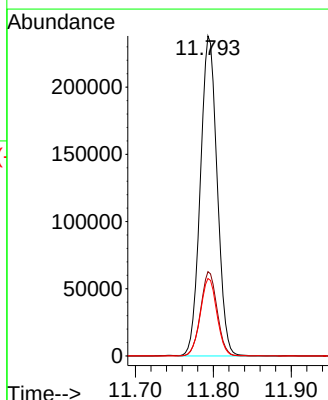
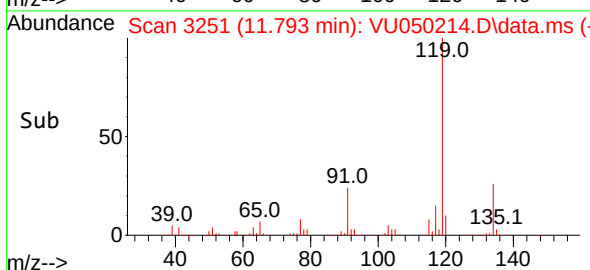
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

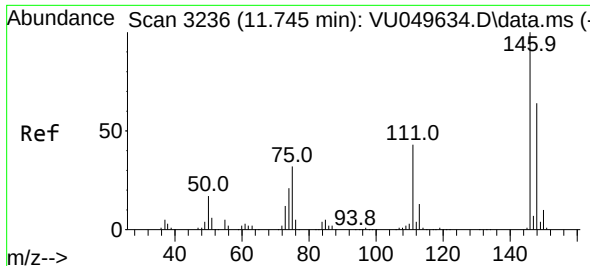


#81
p-Isopropyltoluene
Concen: 11.740 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



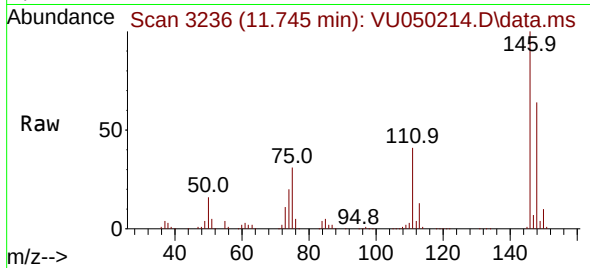
Tgt Ion:119 Resp: 356064
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 23.8 19.8 29.6





#82
1,3-Dichlorobenzene
Concen: 10.726 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

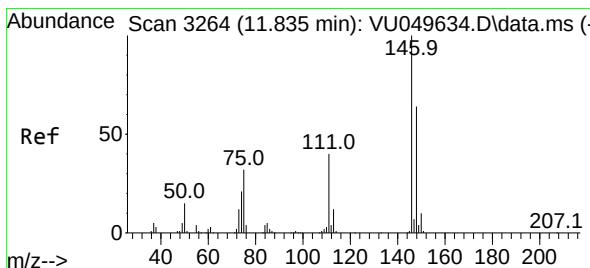
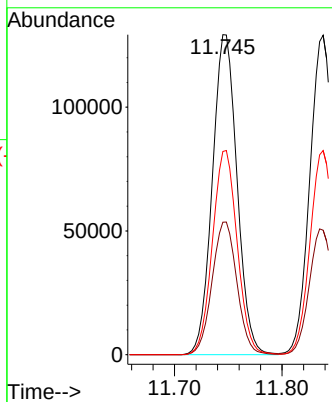
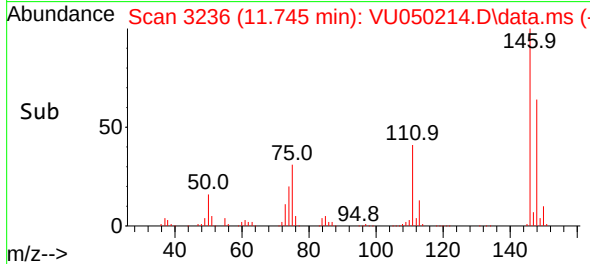
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



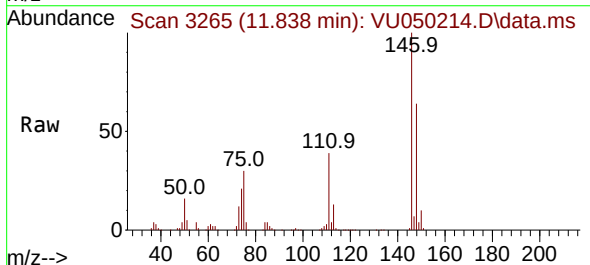
Tgt Ion:146 Resp: 206490
Ion Ratio Lower Upper
146 100
111 41.7 33.4 50.2
148 63.9 51.2 76.8

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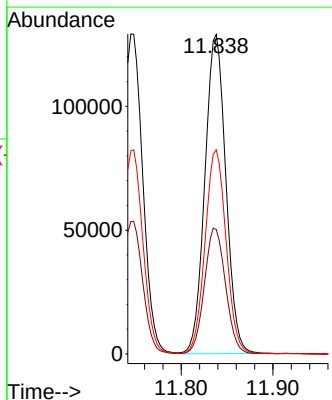
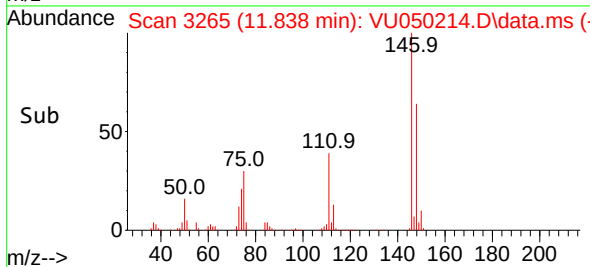
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

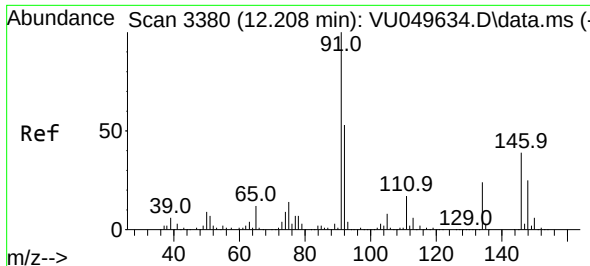


#83
1,4-Dichlorobenzene
Concen: 10.974 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



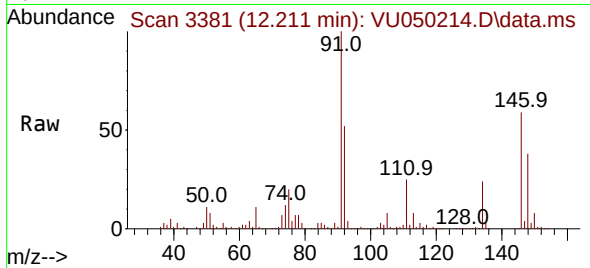
Tgt Ion:146 Resp: 205225
Ion Ratio Lower Upper
146 100
111 39.6 32.6 49.0
148 64.0 51.6 77.4





#84
n-Butylbenzene
Concen: 11.697 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

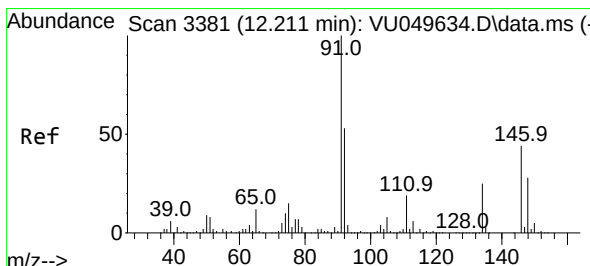
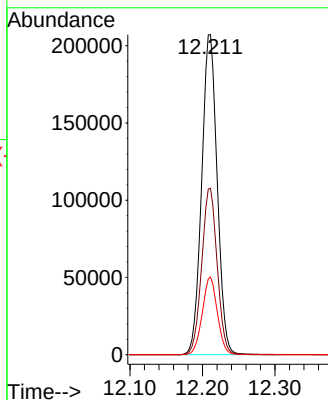
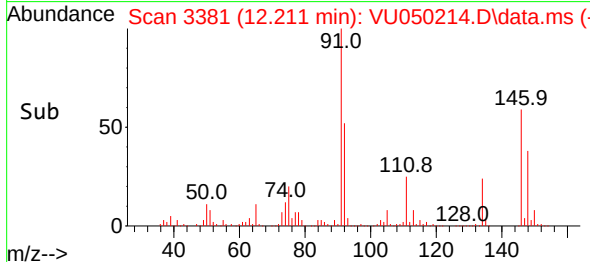
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



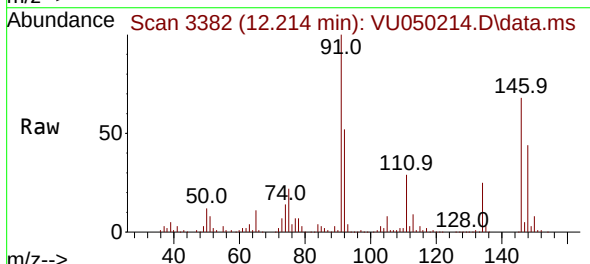
Tgt Ion: 91 Resp: 30846
Ion Ratio Lower Upper
91 100
92 51.7 42.3 63.5
134 23.5 19.6 29.4

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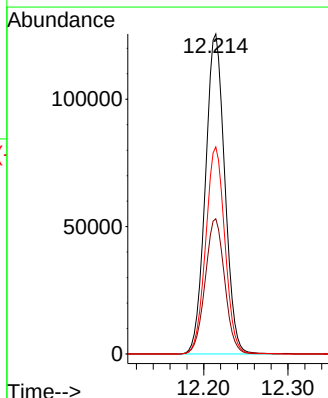
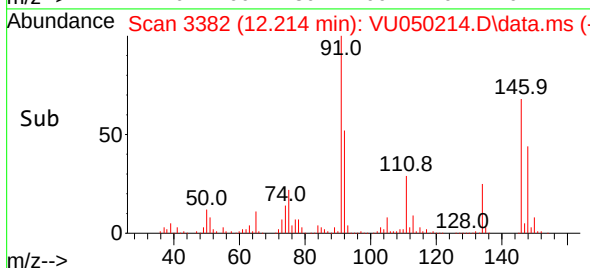
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

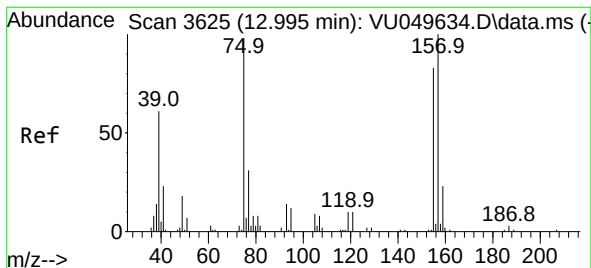


#85
1,2-Dichlorobenzene
Concen: 10.771 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



Tgt Ion:146 Resp: 201102
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.1
148 64.1 32.1 96.3





#86

1,2-Dibromo-3-Chloropropane

Concen: 10.030 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.001 min

Lab File: VU050214.D

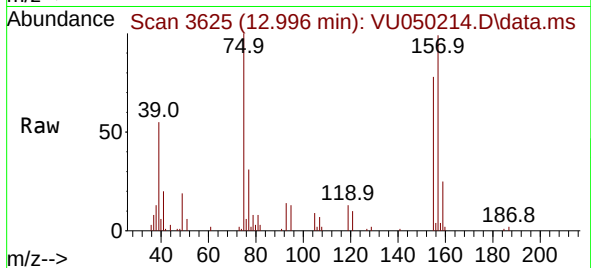
Acq: 10 Aug 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

ICVVU081022



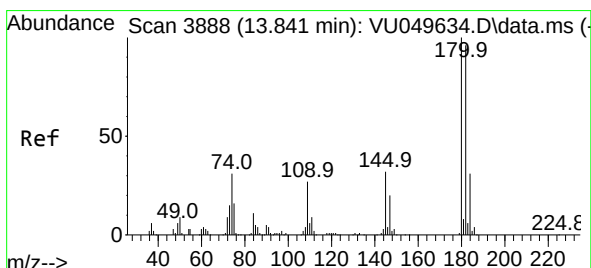
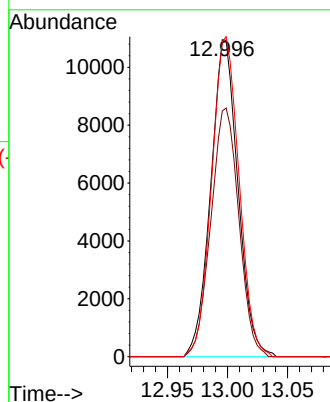
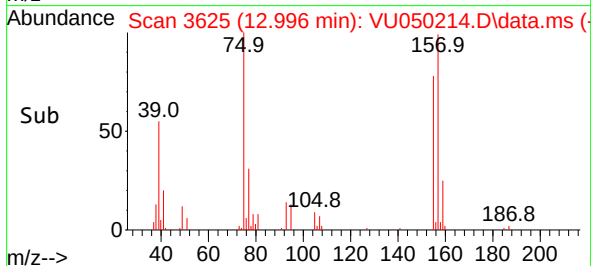
Tgt Ion:	75	Resp:	17279
Ion Ratio	Lower	Upper	
75	100		
155	80.4	66.8	100.2
157	101.7	83.8	125.8

Manual Integrations

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Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#87

1,2,4-Trichlorobenzene

Concen: 12.265 ug/l

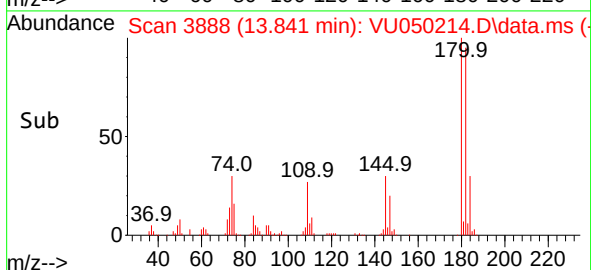
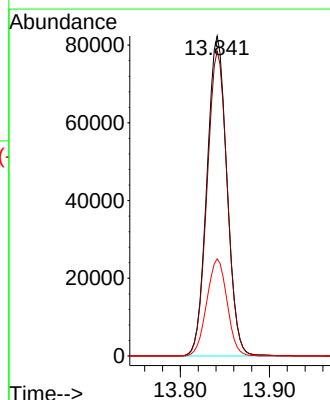
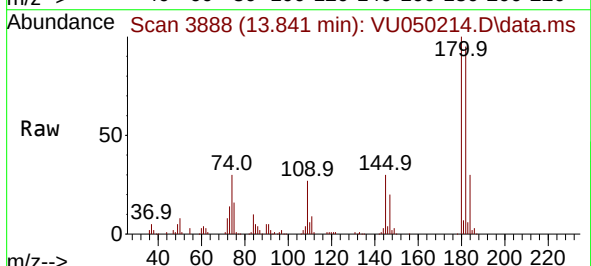
RT: 13.841 min Scan# 3888

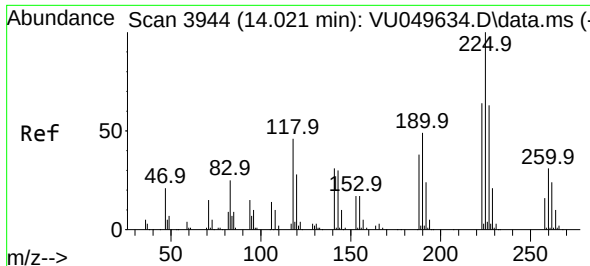
Delta R.T. 0.000 min

Lab File: VU050214.D

Acq: 10 Aug 2022 12:23

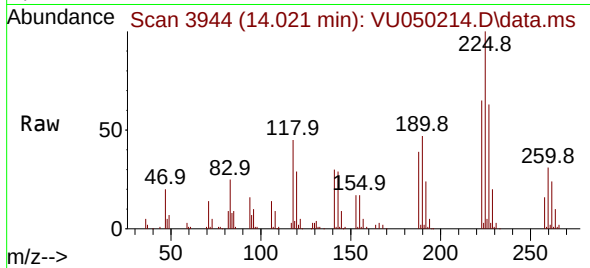
Tgt Ion:	180	Resp:	128053
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.0	115.6
145	30.9	25.7	38.5





#88
Hexachlorobutadiene
Concen: 10.625 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23

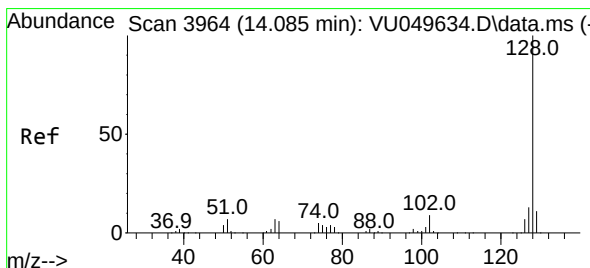
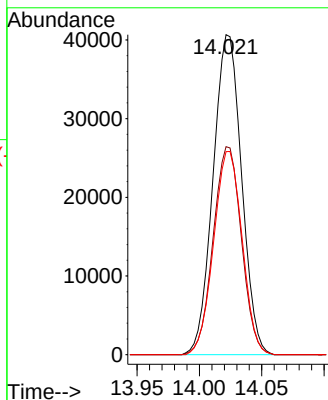
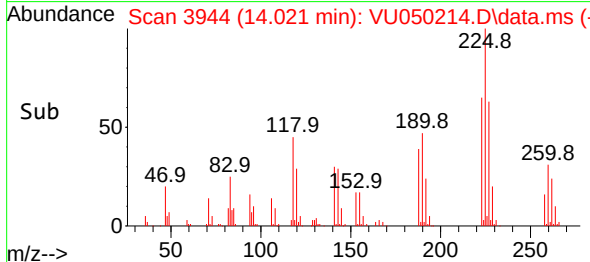
Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022



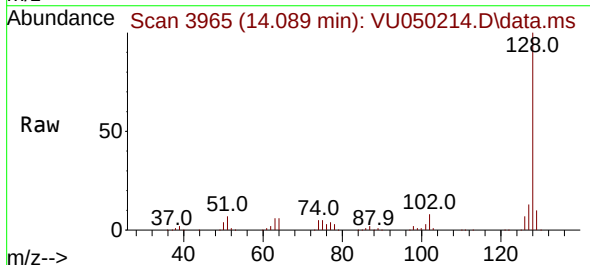
Tgt Ion:225 Resp: 6487
Ion Ratio Lower Upper
225 100
223 64.3 50.6 76.0
227 63.4 50.7 76.1

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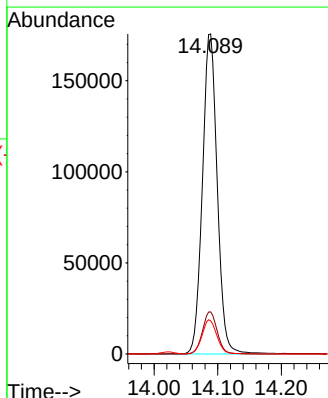
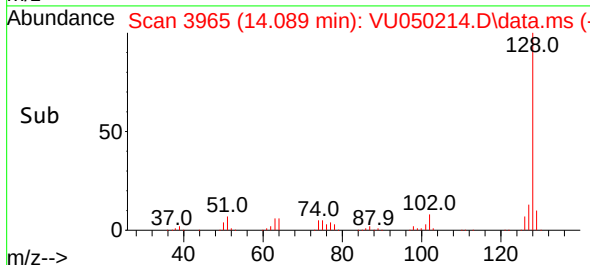
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

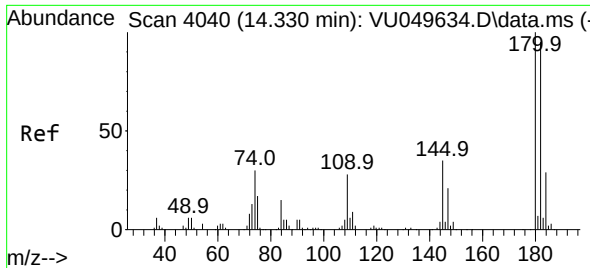


#89
Naphthalene
Concen: 13.209 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.004 min
Lab File: VU050214.D
Acq: 10 Aug 2022 12:23



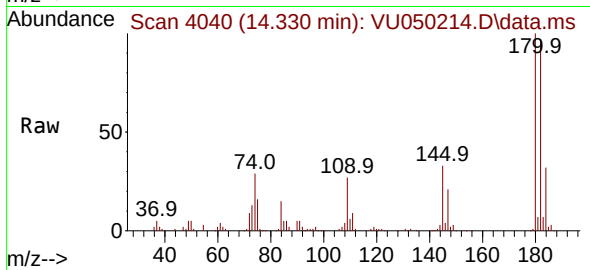
Tgt Ion:128 Resp: 284605
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.7 8.6 12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 11.634 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU050214.D
 Acq: 10 Aug 2022 12:23

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU081022



Tgt Ion:180 Resp: 12504
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.6 114.8
 145 33.4 27.3 40.9

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 Supervised By :Mahesh Dadoda 08/11/2022

