

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055234.D
 Acq On : 11 Sep 2023 14:12
 Operator : MD/SY
 Sample : VU0911WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 12 09:00:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 12 08:56:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	59122	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	21459	0.935	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	21156	0.946	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	38200	1.867	ug/l	98
3) Chloromethane	1.515	50	41242	1.927	ug/l	100
4) Vinyl Chloride	1.602	62	39729	1.773	ug/l	98
5) Bromomethane	1.850	94	36527	2.065	ug/l	98
6) Chloroethane	1.927	64	27027	1.904	ug/l	99
7) Trichlorofluoromethane	2.133	101	59149	1.900	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.580	101	29948	1.899	ug/l	97
9) 1,1-Dichloroethene	2.576	96	26663	1.848	ug/l	94
10) Iodomethane	2.718	142	31493	1.701	ug/l	96
11) Allyl Chloride	2.920	41	33412	1.853	ug/l	83
12) Acrylonitrile	3.326	53	9589	3.497	ug/l	# 87
13) Acetone	2.628	43	38174	8.032	ug/l	98
14) Carbon Disulfide	2.789	76	86667	1.854	ug/l	99
15) Methylene Chloride	3.039	84	38861	2.250	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	30578	1.778	ug/l	96
17) 1,1-Dichloroethane	3.866	63	58193	1.777	ug/l	99
18) 2-Butanone	4.708	43	45850	8.459	ug/l	97
19) Cyclohexane	5.387	56	43304	1.791	ug/l	87
20) Methylcyclohexane	6.763	83	54727	1.820	ug/l	99
21) 2,2-Dichloropropane	4.660	77	44269	1.678	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	35291	1.604	ug/l	95
23) Diethyl Ether	2.374	59	24109	2.051	ug/l	95
24) tert-Butyl Alcohol	3.184	59	20077m	21.980	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	65169	1.960	ug/l	99
26) Bromochloromethane	4.975	128	13649	1.704	ug/l	96
27) Chloroform	5.084	83	61829	1.785	ug/l	95
28) 1,1,1-Trichloroethane	5.313	97	51506	1.728	ug/l	96
29) 1,1-Dichloropropene	5.525	75	44295	1.791	ug/l	97
30) Carbon Tetrachloride	5.522	117	45339	1.750	ug/l	96
31) Isopropyl Ether	3.988	45	75830	1.763	ug/l	97
32) Ethyl-t-butyl ether	4.499	59	76504	1.840	ug/l	99
33) Tert-Amyl methyl ether	5.940	73	71861	1.962	ug/l	97
34) Propionitrile	4.789	54	10288m	10.488	ug/l	
35) Benzene	5.772	78	139120	1.904	ug/l	99
36) 1,2-Dichloroethane	5.792	62	40668	1.995	ug/l	# 90
37) Trichloroethene	6.541	130	39452	1.848	ug/l	93
38) 1,2-Dichloropropane	6.789	63	36693	1.914	ug/l	98
39) Methacrylonitrile	4.978	41	7776	1.988	ug/l	# 95
40) Methyl acrylate	4.863	55	11718	1.850	ug/l	# 94
41) Tetrahydrofuran	5.068	42	8746	4.030	ug/l	97
42) 1-Chlorobutane	5.457	56	59123	1.854	ug/l	99
43) Dibromomethane	6.917	93	17723	1.955	ug/l	95
44) Bromodichloromethane	7.104	83	44905	1.913	ug/l	99

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Instrument :
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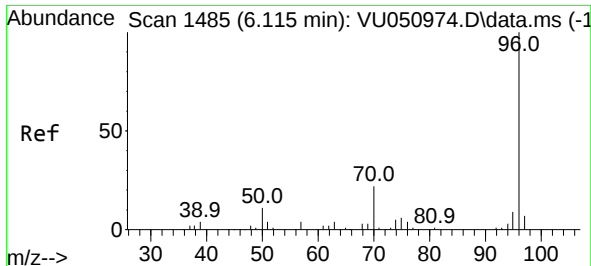
Manual Integrations
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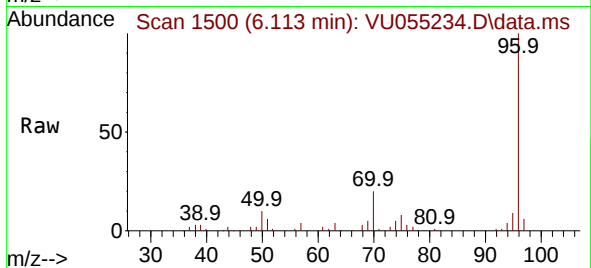
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	91095	10.594	ug/l	97
46) t-1,4-Dichloro-2-butene	10.833	75	11176m	3.478	ug/l	
47) Methyl methacrylate	6.962	69	28733	4.125	ug/l	97
48) Ethyl methacrylate	8.335	69	27413	2.026	ug/l	99
49) Toluene	7.969	92	84781	1.913	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	37778	1.912	ug/l	96
51) cis-1,3-Dichloropropene	7.608	75	46130	1.861	ug/l	97
52) 1,1,2-Trichloroethane	8.399	97	26084	2.039	ug/l	99
53) 1,3-Dichloropropane	8.573	76	44857	2.068	ug/l	99
54) 2-Hexanone	8.686	43	71631	8.695	ug/l	100
55) Dibromochloromethane	8.805	129	26031	1.806	ug/l	97
56) 1,2-Dibromoethane	8.923	107	23240	1.997	ug/l	96
58) Tetrachloroethene	8.554	164	42175	1.828	ug/l	92
59) Chlorobenzene	9.444	112	93265	1.879	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	29430	1.790	ug/l	99
61) Pentachloroethane	11.425	117	14406	1.880	ug/l #	80
62) Hexachloroethane	12.473	117	21381	1.702	ug/l	90
63) Ethyl Benzene	9.570	91	153418	1.828	ug/l	98
64) m/p-Xylenes	9.692	106	120487	3.705	ug/l	97
65) o-Xylene	10.100	106	58601	1.859	ug/l	98
66) Styrene	10.113	104	88612	1.799	ug/l	96
67) Bromoform	10.290	173	12914	1.771	ug/l	95
69) Isopropylbenzene	10.483	105	150885	1.830	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.779	83	26560	2.044	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	21968m	1.891	ug/l	
72) Bromobenzene	10.782	156	35630	1.880	ug/l	99
73) n-propylbenzene	10.904	120	40560	1.812	ug/l	98
74) 2-Chlorotoluene	10.984	126	36557	1.829	ug/l	98
75) 1,3,5-Trimethylbenzene	11.087	105	128887	1.817	ug/l	99
76) 4-Chlorotoluene	11.097	126	38335	1.868	ug/l	97
77) tert-Butylbenzene	11.419	119	114885	1.832	ug/l	95
78) 1,2,4-Trimethylbenzene	11.467	105	130955	1.822	ug/l	97
79) sec-Butylbenzene	11.644	105	165343	1.811	ug/l	98
80) Nitrobenzene	13.213	77	2660	8.558	ug/l	95
81) p-Isopropyltoluene	11.792	119	128207	1.739	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	73982	1.819	ug/l	99
83) 1,4-Dichlorobenzene	11.837	146	74377	1.867	ug/l	97
84) n-Butylbenzene	12.210	91	119992	1.791	ug/l	98
85) 1,2-Dichlorobenzene	12.213	146	71496	1.917	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.997	75	3875	1.803	ug/l	95
87) 1,2,4-Trichlorobenzene	13.840	180	40173	1.868	ug/l	99
88) Hexachlorobutadiene	14.020	225	24556	1.785	ug/l	96
89) Naphthalene	14.087	128	63356	2.063	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	34287	1.839	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

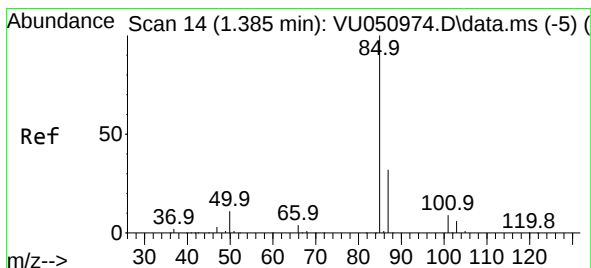
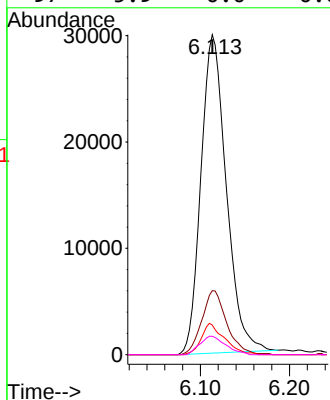
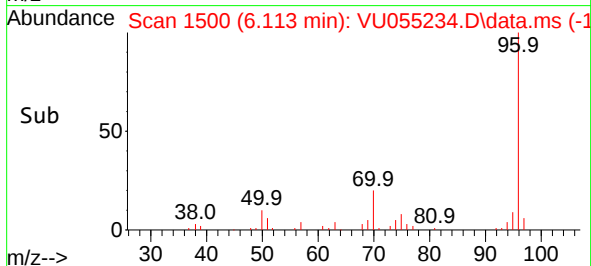
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



Tgt Ion: 96 Resp: 5912
Ion Ratio Lower Upper
96 100
70 19.8 16.5 24.7
95 9.0 7.4 11.0
97 5.9 0.0 0.0#

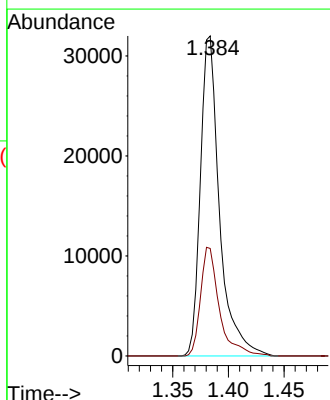
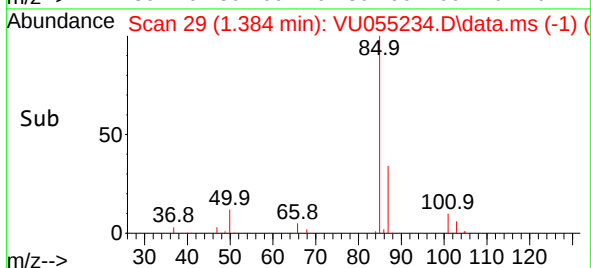
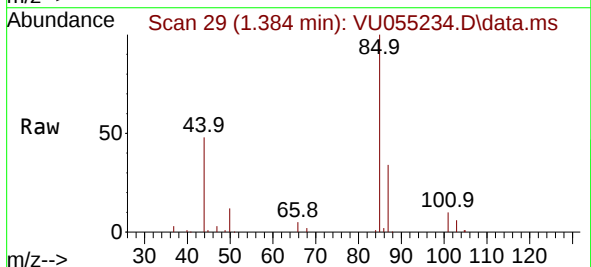
Manual Integrations
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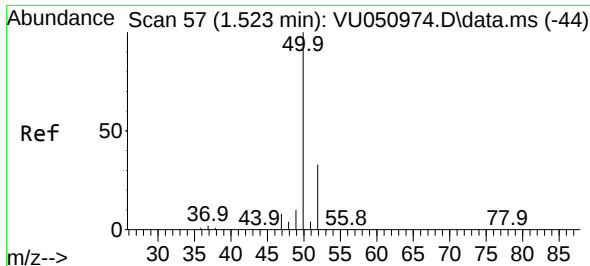
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#2
Dichlorodifluoromethane
Concen: 1.867 ug/l
RT: 1.384 min Scan# 29
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion: 85 Resp: 38200
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6





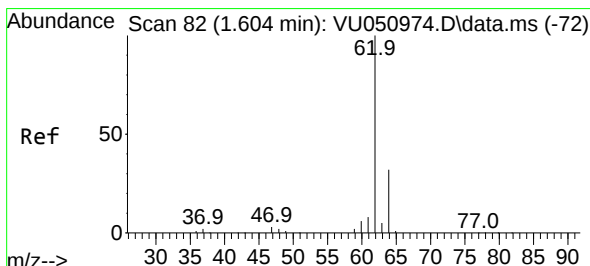
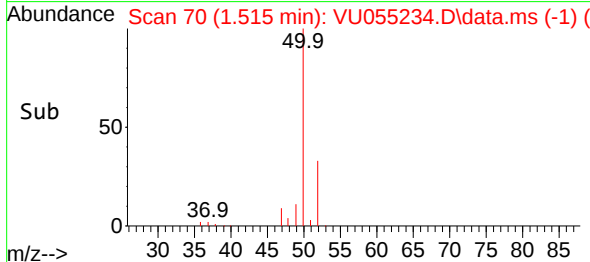
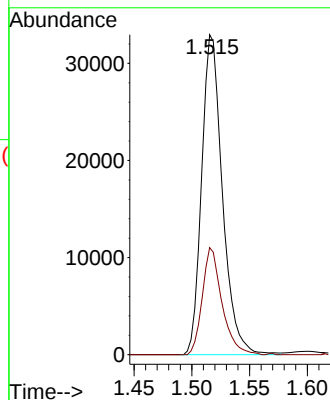
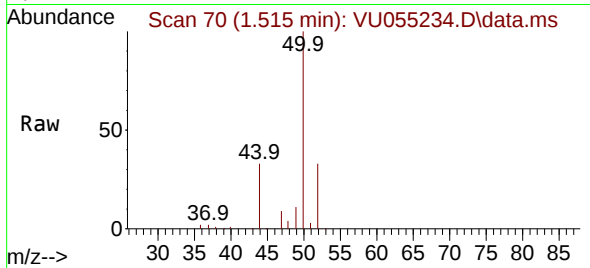
#3
Chloromethane
Concen: 1.927 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.008 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 50 Resp: 4124
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

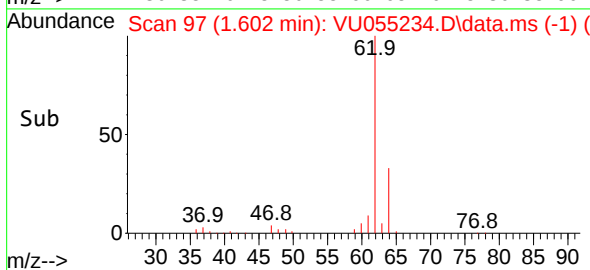
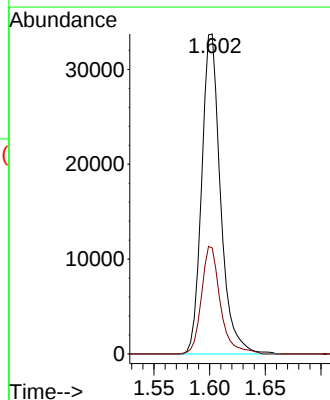
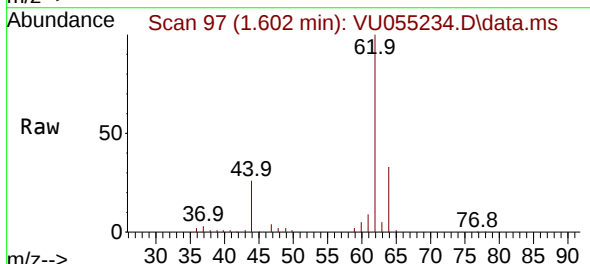
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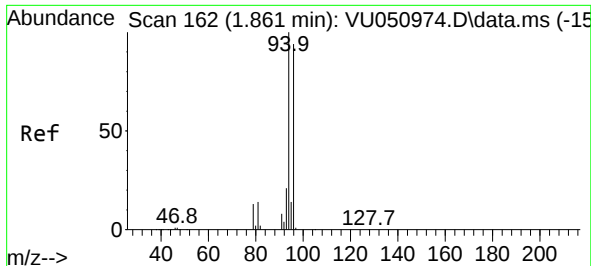
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#4
Vinyl Chloride
Concen: 1.773 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion: 62 Resp: 39729
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.2





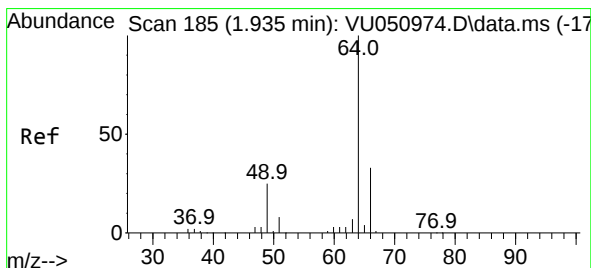
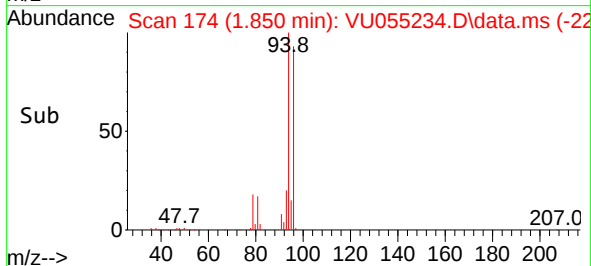
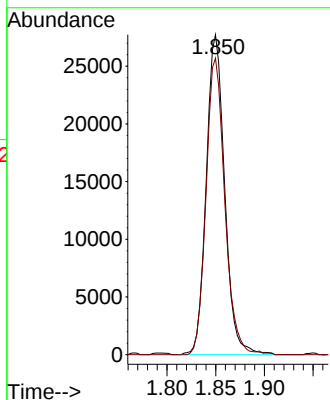
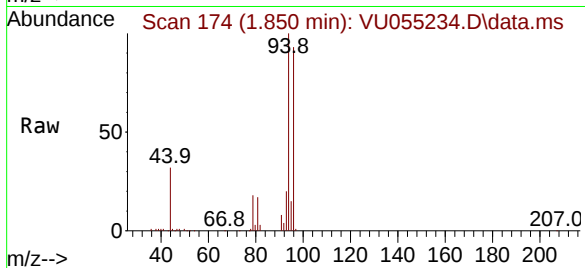
#5
Bromomethane
Concen: 2.065 ug/l
RT: 1.850 min Scan# 11
Delta R.T. -0.011 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 94 Resp: 3652
Ion Ratio Lower Upper
94 100
96 92.7 75.4 113.2

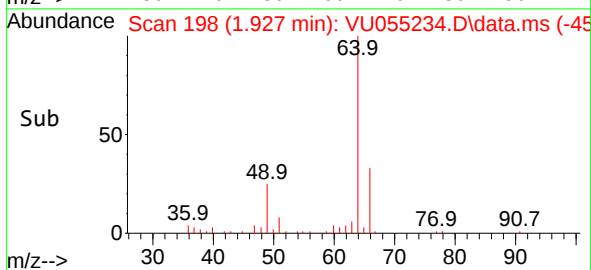
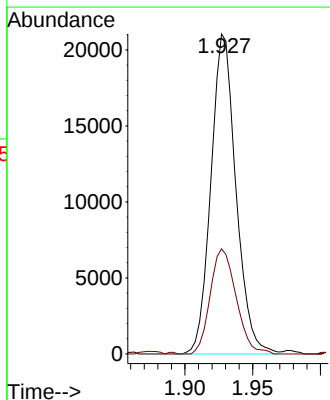
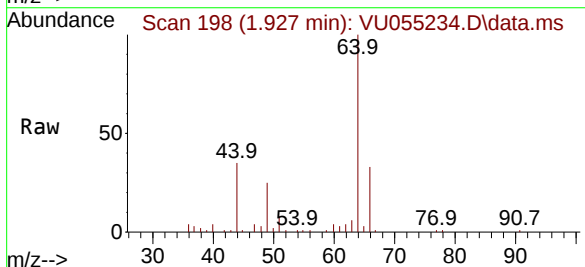
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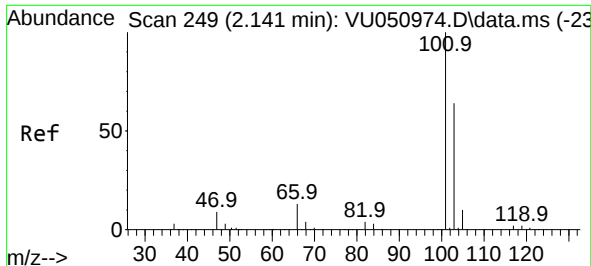
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#6
Chloroethane
Concen: 1.904 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.008 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

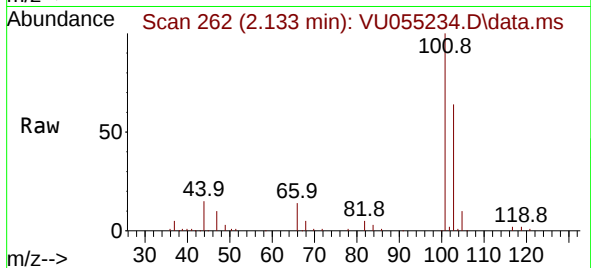
Tgt Ion: 64 Resp: 27027
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.900 ug/l
RT: 2.133 min Scan# 201
Delta R.T. -0.008 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

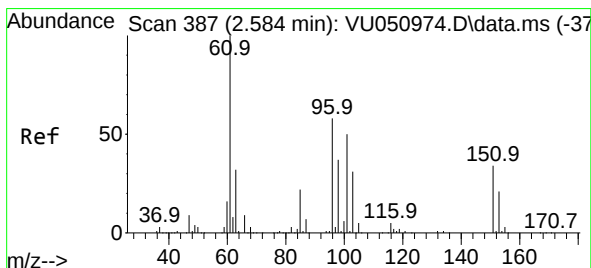
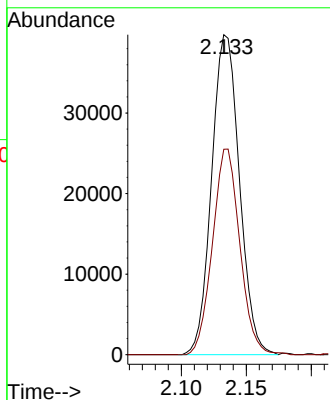
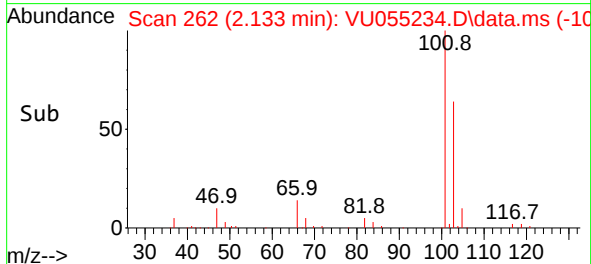
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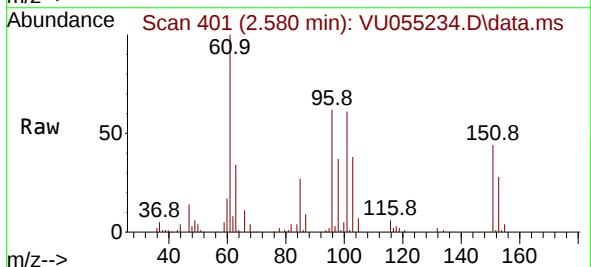
Tgt Ion:101 Resp: 59149
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

Manual Integrations
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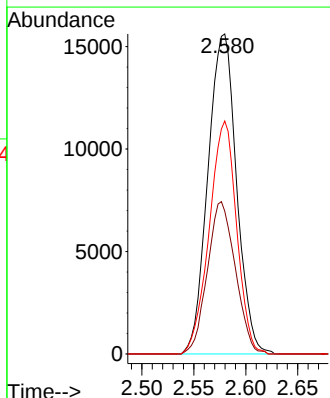
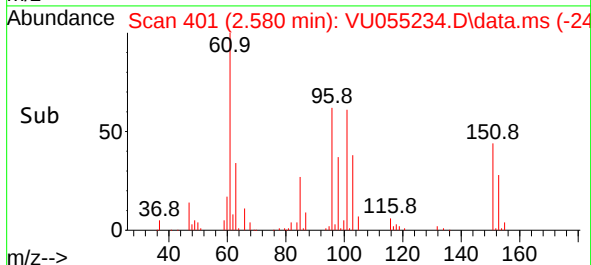
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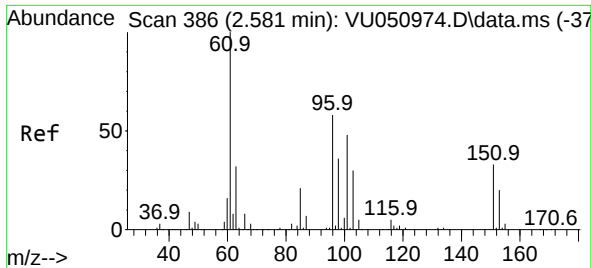


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.899 ug/l
RT: 2.580 min Scan# 401
Delta R.T. -0.004 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



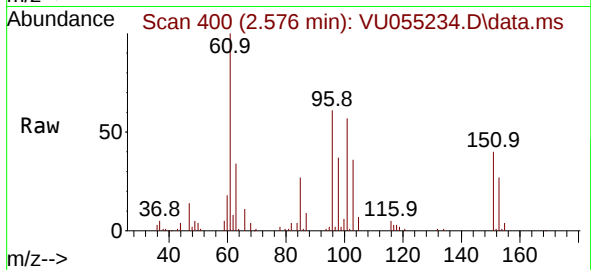
Tgt Ion:101 Resp: 29948
Ion Ratio Lower Upper
101 100
85 46.4 35.4 53.0
151 69.6 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.848 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

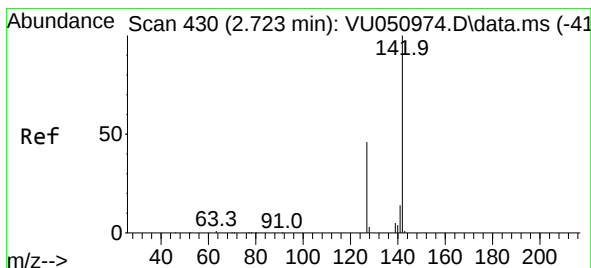
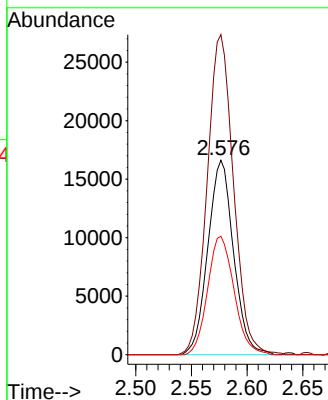
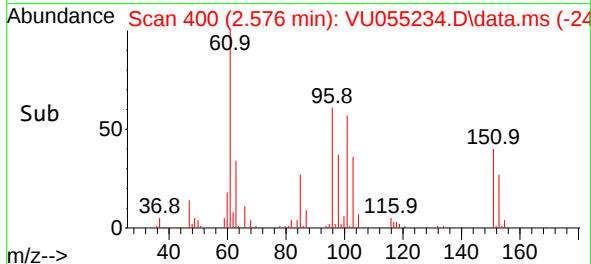
Instrument :
MSVOA_U
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VU0911WBSD01



Tgt Ion: 96 Resp: 2666
Ion Ratio Lower Upper
96 100
61 164.6 0.0 521.4
98 60.9 0.0 125.8

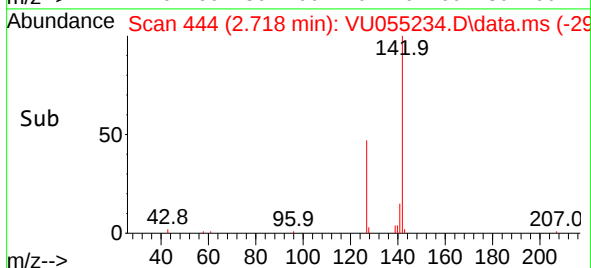
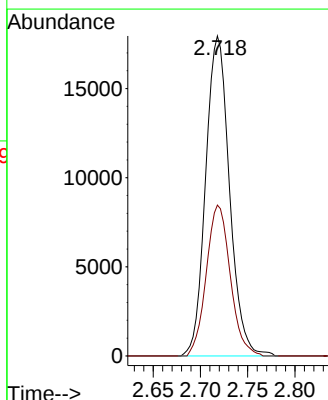
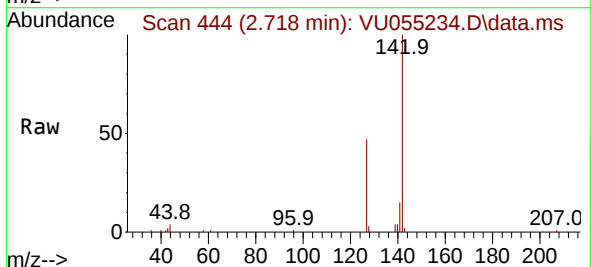
Manual Integrations
APPROVED

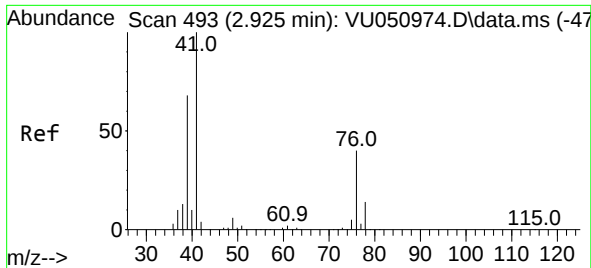
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Iodomethane
Concen: 1.701 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

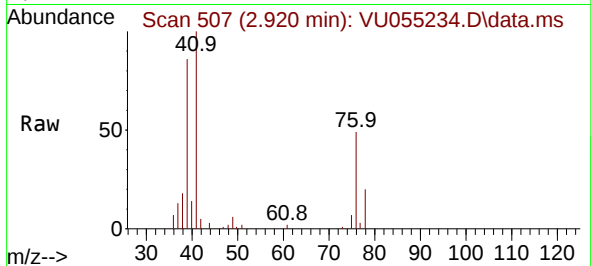
Tgt Ion:142 Resp: 31493
Ion Ratio Lower Upper
142 100
127 47.4 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.853 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. -0.005 min
 Lab File: VU055234.D
 Acq: 11 Sep 2023 14:12

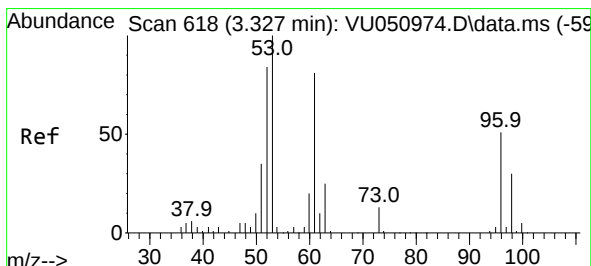
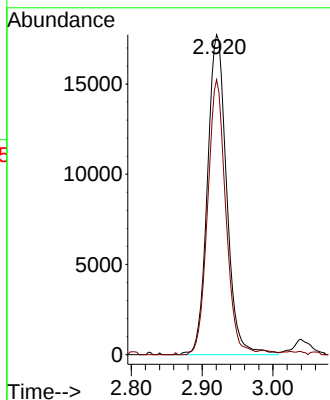
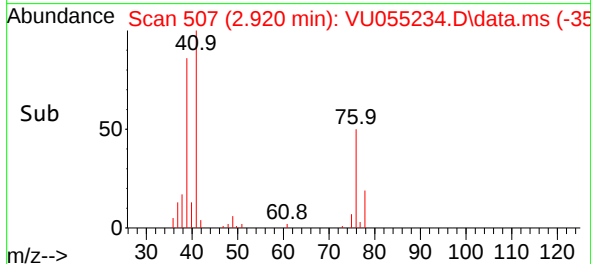
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01



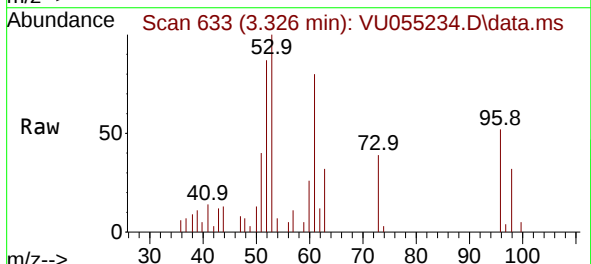
Tgt Ion: 41 Resp: 3341
 Ion Ratio Lower Upper
 41 100
 39 81.1 54.2 81.2

Manual Integrations
 APPROVED

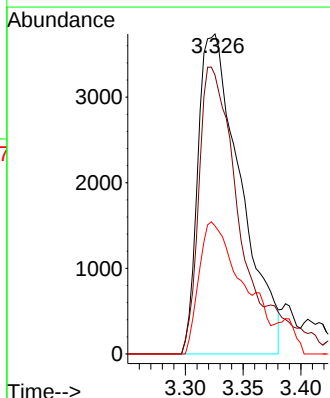
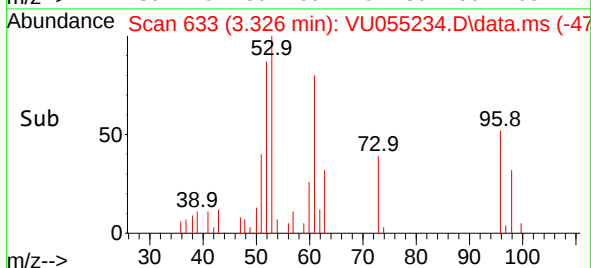
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023

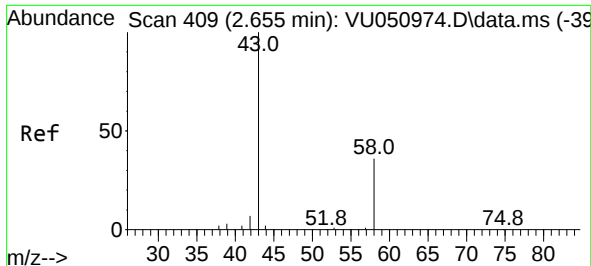


#12
 Acrylonitrile
 Concen: 3.497 ug/l
 RT: 3.326 min Scan# 633
 Delta R.T. -0.001 min
 Lab File: VU055234.D
 Acq: 11 Sep 2023 14:12



Tgt Ion: 53 Resp: 9589
 Ion Ratio Lower Upper
 53 100
 52 89.5 62.9 94.3
 51 43.0 27.8 41.6#





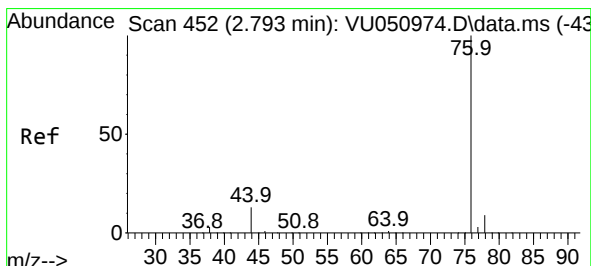
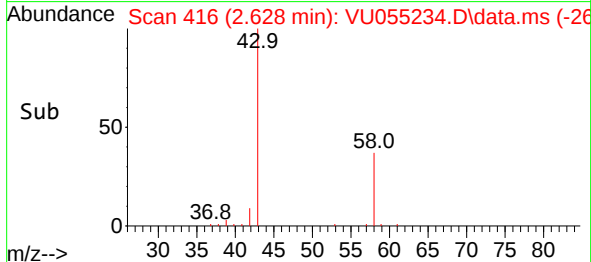
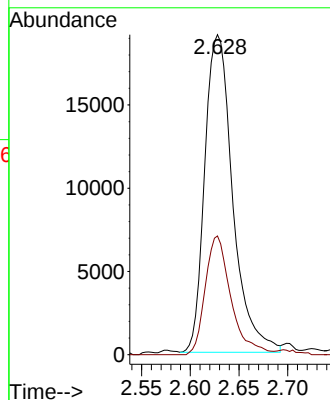
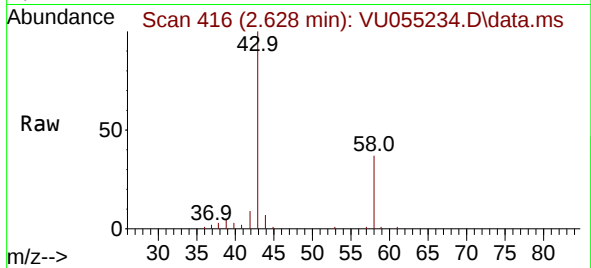
#13
Acetone
Concen: 8.032 ug/l
RT: 2.628 min Scan# 416
Delta R.T. -0.027 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 43 Resp: 38174
Ion Ratio Lower Upper
43 100
58 37.4 29.0 43.4

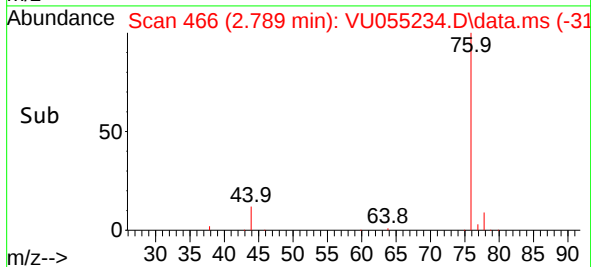
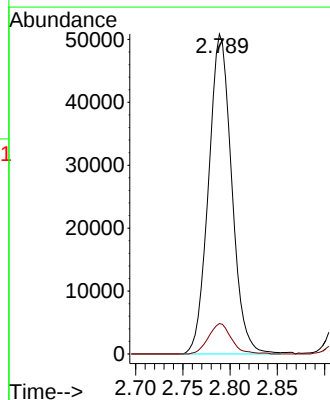
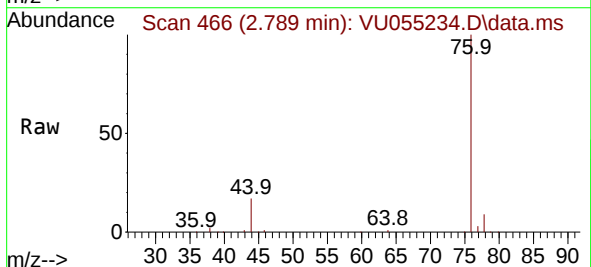
Manual Integrations
APPROVED

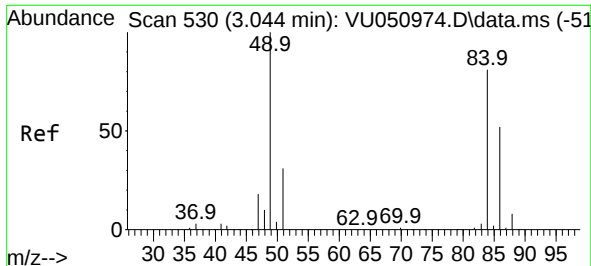
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#14
Carbon Disulfide
Concen: 1.854 ug/l
RT: 2.789 min Scan# 466
Delta R.T. -0.004 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

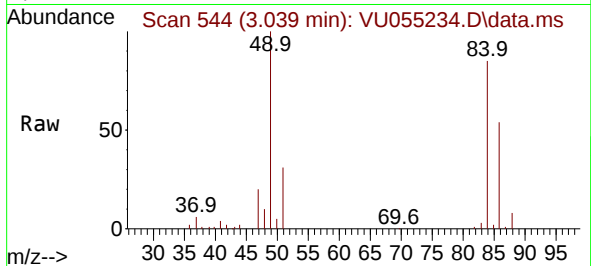
Tgt Ion: 76 Resp: 86667
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0





#15
Methylene Chloride
Concen: 2.250 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

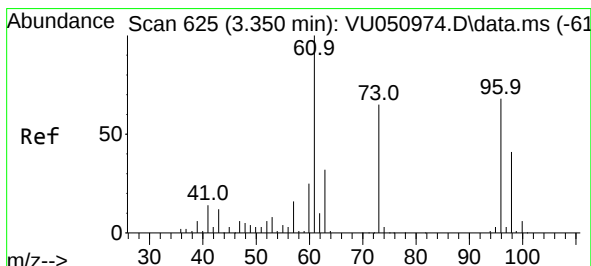
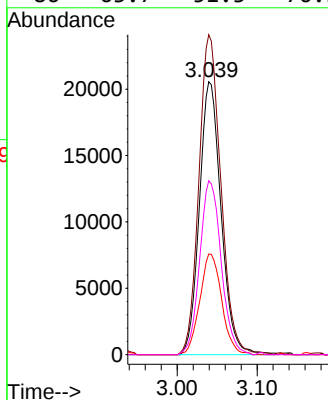
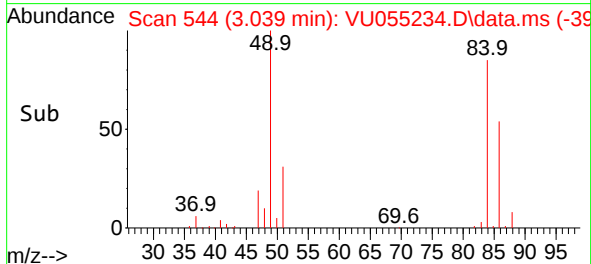
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



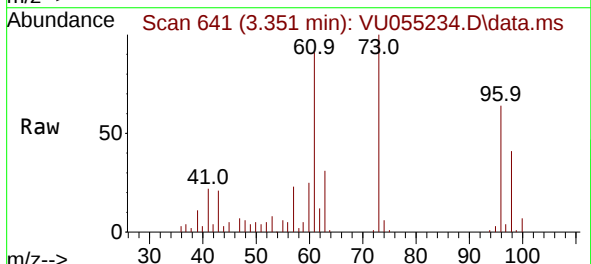
Tgt Ion: 84 Resp: 3886
Ion Ratio Lower Upper
84 100
49 117.2 98.9 148.3
51 36.9 0.0 75.4
86 63.7 51.3 76.9

Manual Integrations
APPROVED

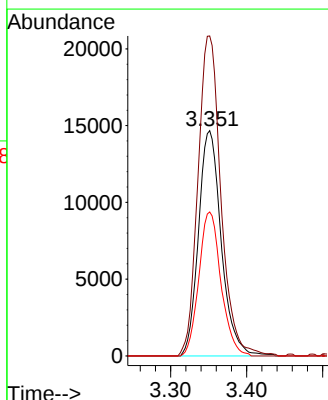
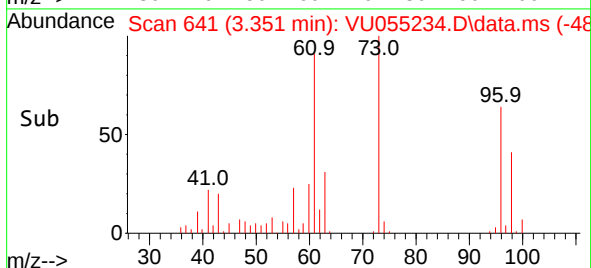
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

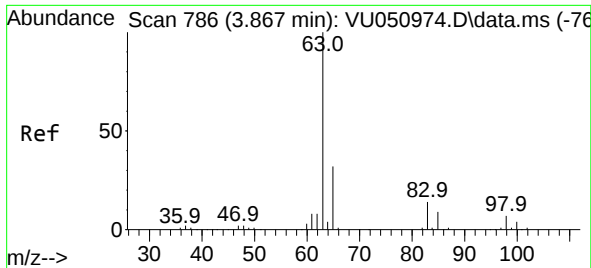


#16
trans-1,2-Dichloroethene
Concen: 1.778 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



Tgt Ion: 96 Resp: 30578
Ion Ratio Lower Upper
96 100
61 142.1 117.5 176.3
98 63.9 48.3 72.5





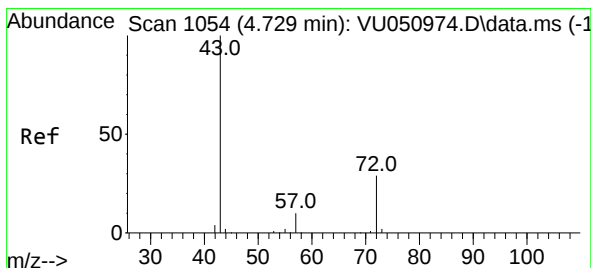
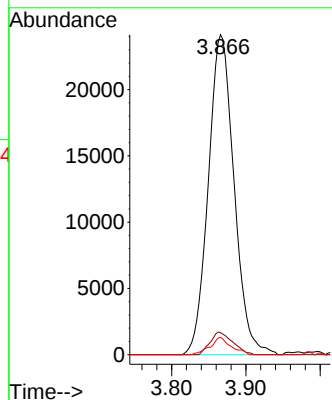
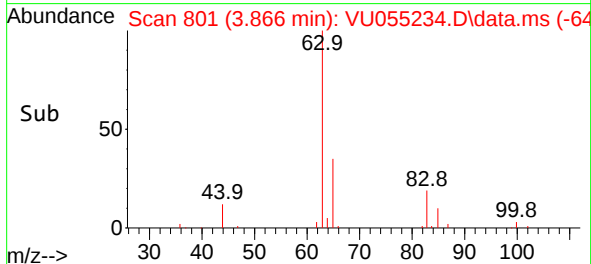
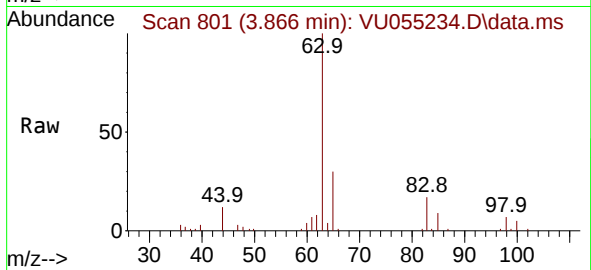
#17
1,1-Dichloroethane
Concen: 1.777 ug/l
RT: 3.866 min Scan# 801
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 63 Resp: 5819
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 5.4 2.2 6.6

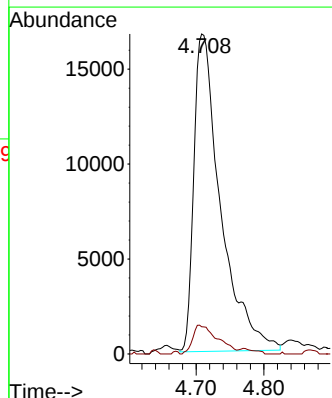
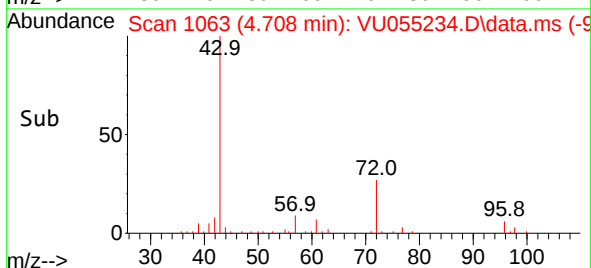
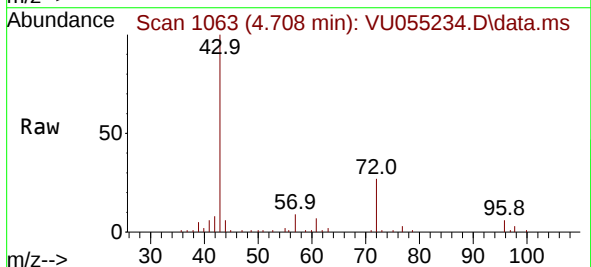
Manual Integrations
APPROVED

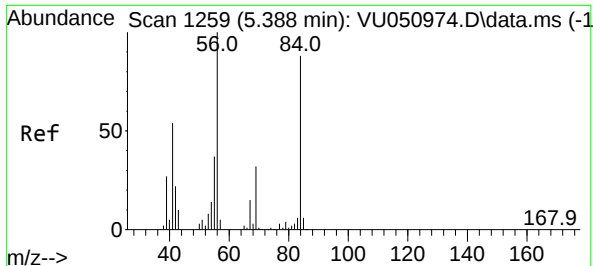
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#18
2-Butanone
Concen: 8.459 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.021 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion: 43 Resp: 45850
Ion Ratio Lower Upper
43 100
57 8.6 0.0 19.6





#19

Cyclohexane

Concen: 1.791 ug/l

RT: 5.387 min Scan# 11

Delta R.T. -0.001 min

Lab File: VU055234.D

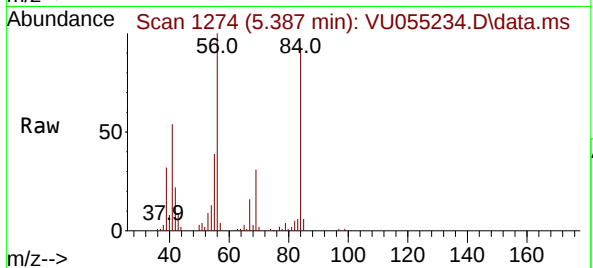
Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01



Tgt Ion: 56 Resp: 43304

Ion Ratio Lower Upper

56 100

69 35.7 24.6 37.0

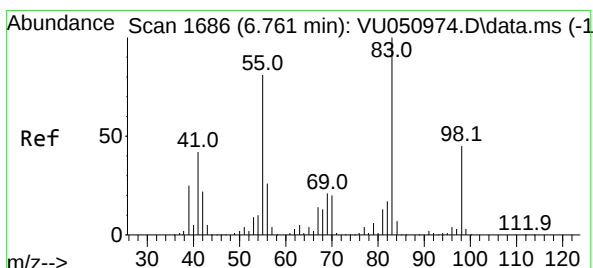
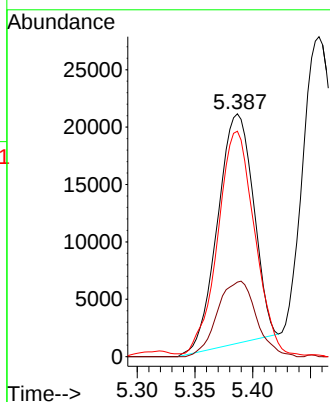
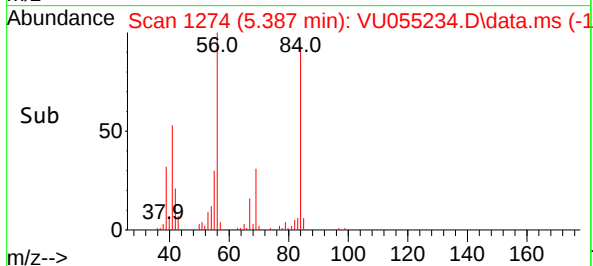
84 99.2 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#20

Methylcyclohexane

Concen: 1.820 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

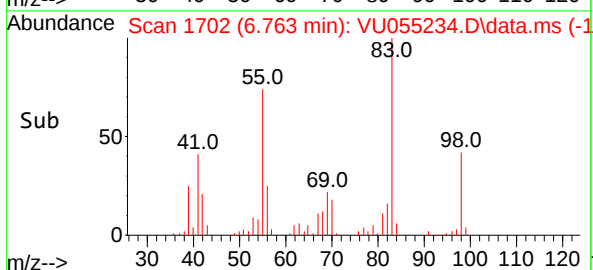
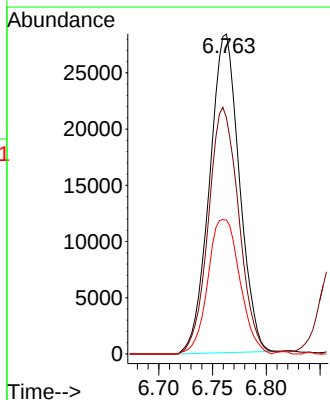
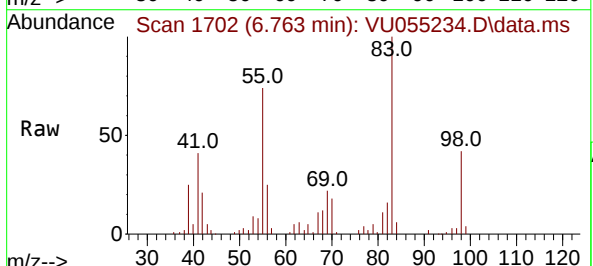
Tgt Ion: 83 Resp: 54727

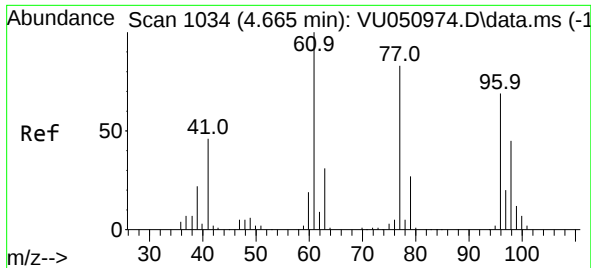
Ion Ratio Lower Upper

83 100

55 77.8 63.5 95.3

98 45.2 36.0 54.0





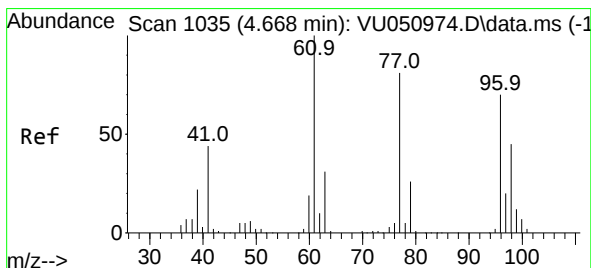
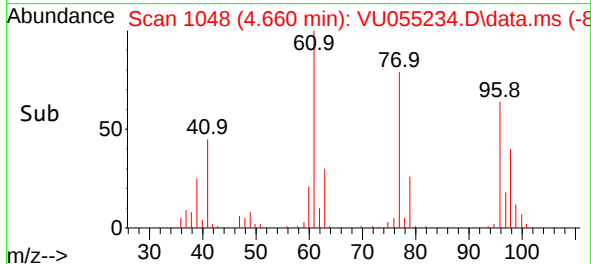
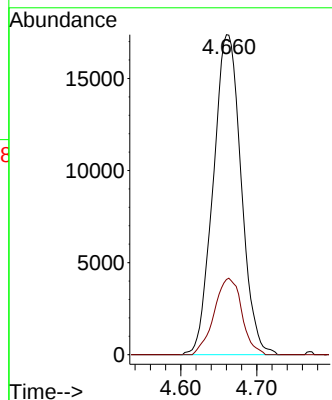
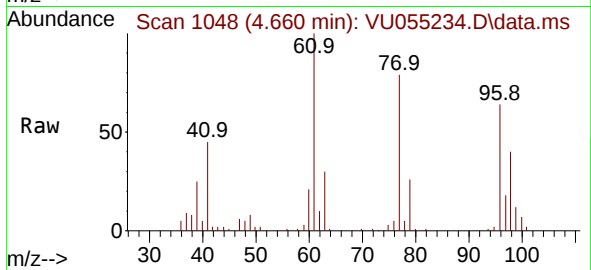
#21
2,2-Dichloropropane
Concen: 1.678 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 77 Resp: 44269
Ion Ratio Lower Upper
77 100
97 23.7 18.4 27.6

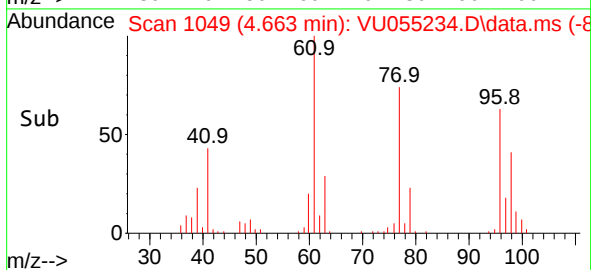
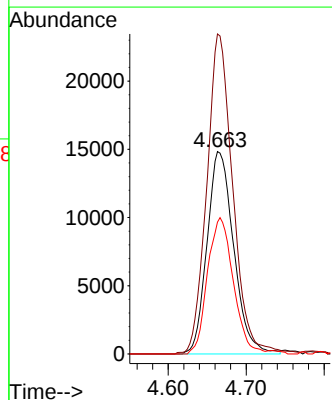
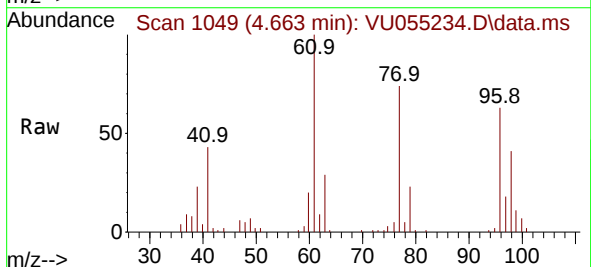
Manual Integrations
APPROVED

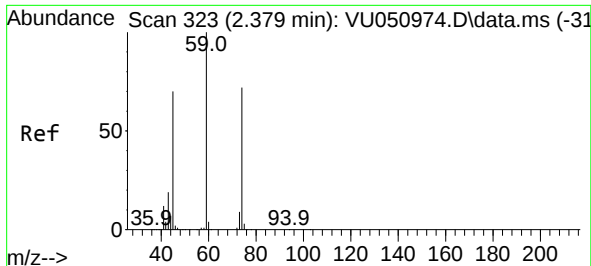
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
cis-1,2-Dichloroethene
Concen: 1.604 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion: 96 Resp: 35291
Ion Ratio Lower Upper
96 100
61 154.3 0.0 365.8
98 65.0 32.0 96.0





#23

Diethyl Ether

Concen: 2.051 ug/l

RT: 2.374 min Scan# 31

Delta R.T. -0.005 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

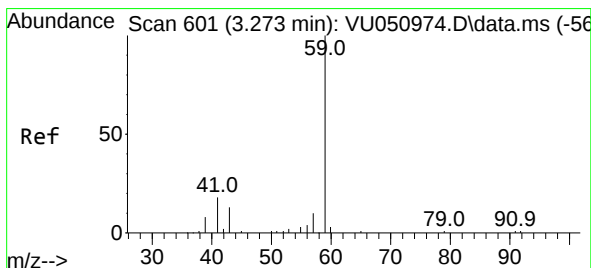
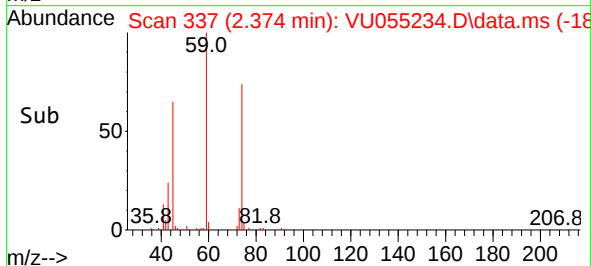
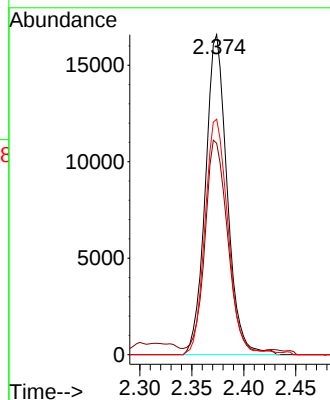
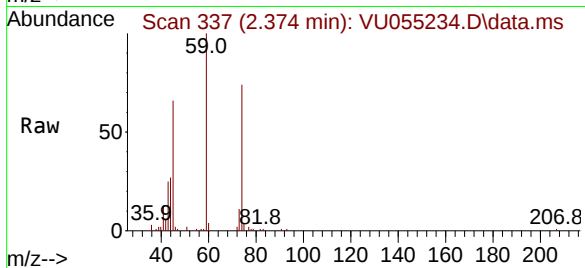
Tgt Ion:	59	Resp:	24109
Ion Ratio	Lower	Upper	
59	100		
45	68.1	56.1	84.1
74	78.1	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#24

tert-Butyl Alcohol

Concen: 21.980 ug/l m

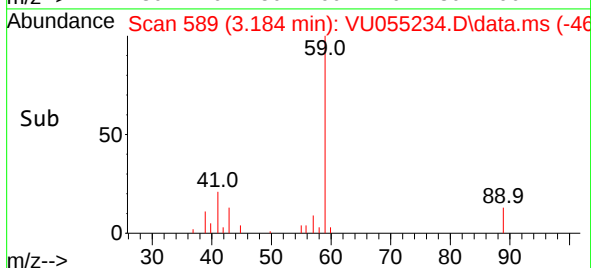
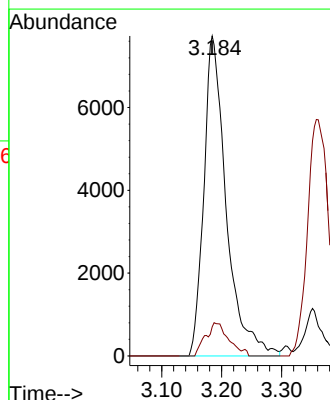
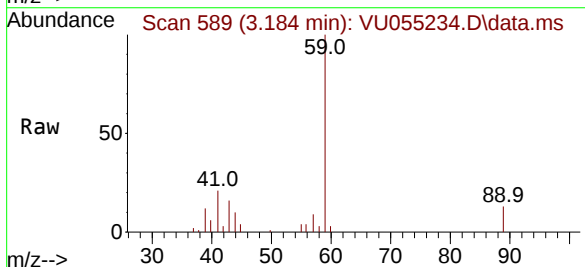
RT: 3.184 min Scan# 589

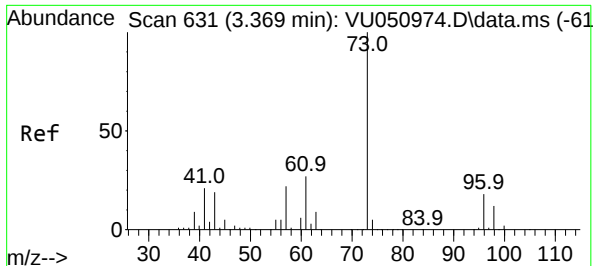
Delta R.T. -0.089 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

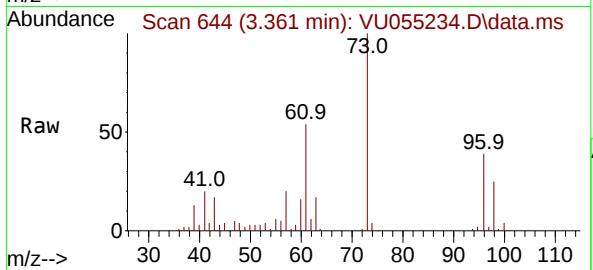
Tgt Ion:	59	Resp:	20077
Ion Ratio	Lower	Upper	
59	100		
57	70.1	105.6	158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.960 ug/l
RT: 3.361 min Scan# 64
Delta R.T. -0.008 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

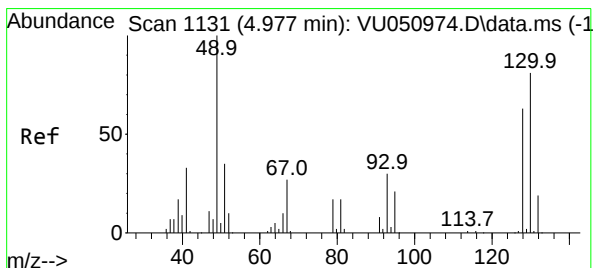
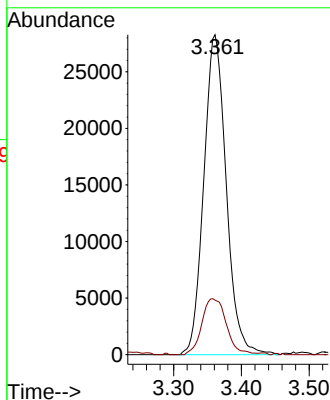
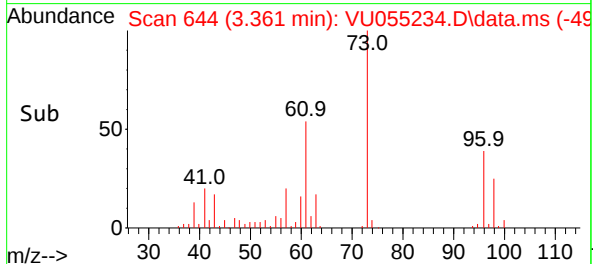
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



Tgt Ion: 73 Resp: 65169
Ion Ratio Lower Upper
73 100
43 19.1 15.0 22.6

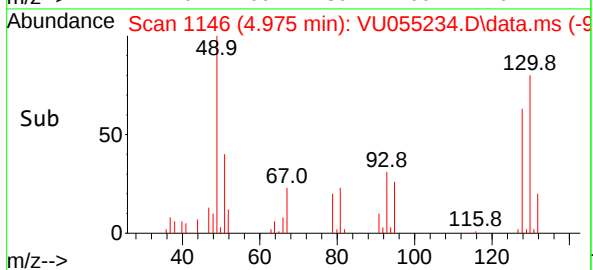
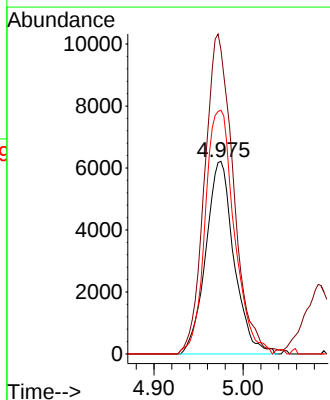
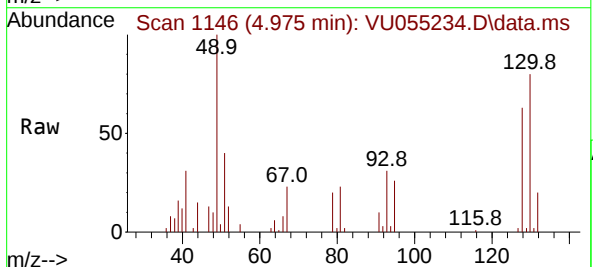
Manual Integrations
APPROVED

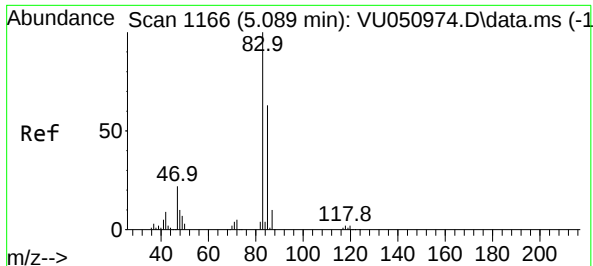
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#26
Bromochloromethane
Concen: 1.704 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:128 Resp: 13649
Ion Ratio Lower Upper
128 100
49 169.7 0.0 324.6
130 130.7 103.0 154.4





#27

Chloroform

Concen: 1.785 ug/l

RT: 5.084 min Scan# 1166

Delta R.T. -0.005 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 83 Resp: 61829

Ion Ratio Lower Upper

83 100

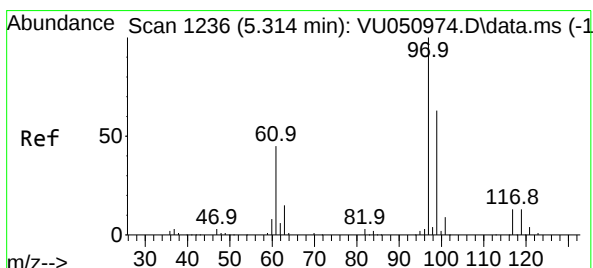
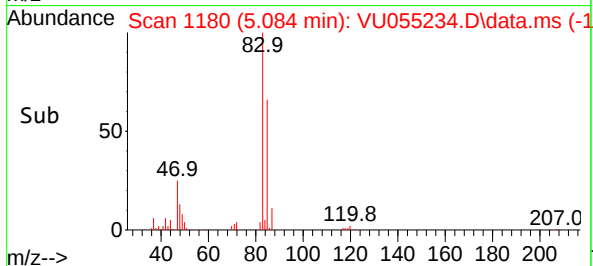
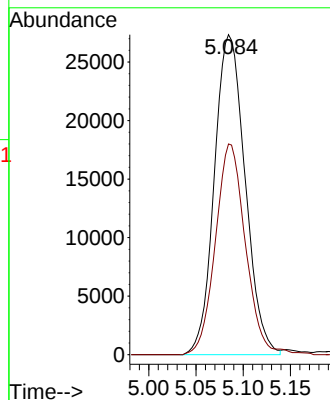
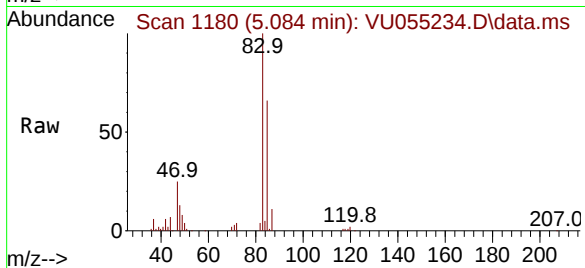
85 67.0 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#28

1,1,1-Trichloroethane

Concen: 1.728 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

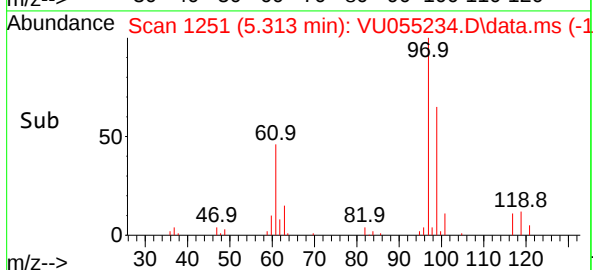
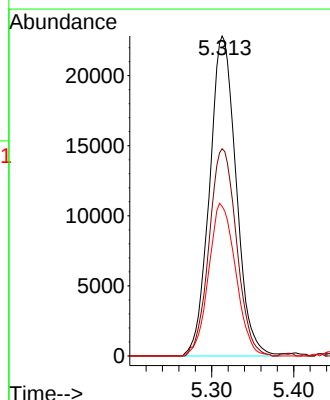
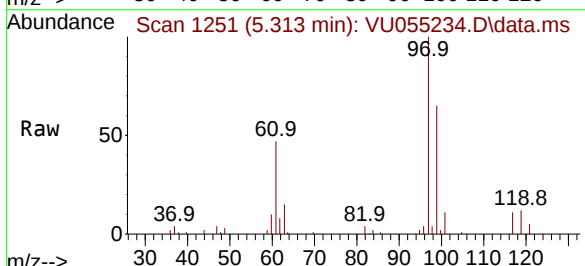
Tgt Ion: 97 Resp: 51506

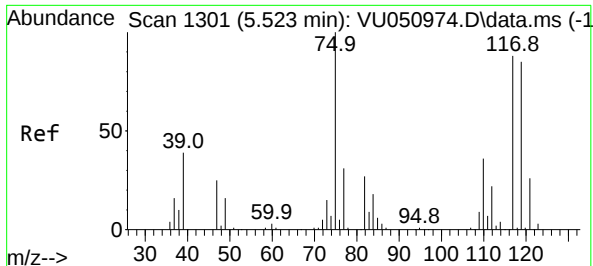
Ion Ratio Lower Upper

97 100

99 66.7 32.0 96.2

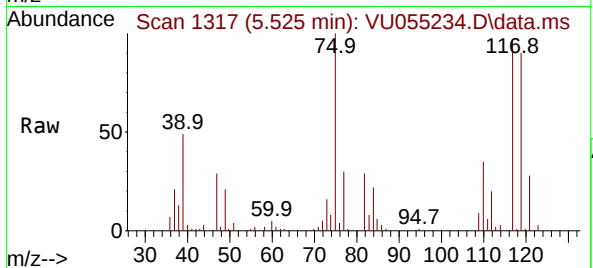
61 48.5 22.9 68.5





#29
1,1-Dichloropropene
Concen: 1.791 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

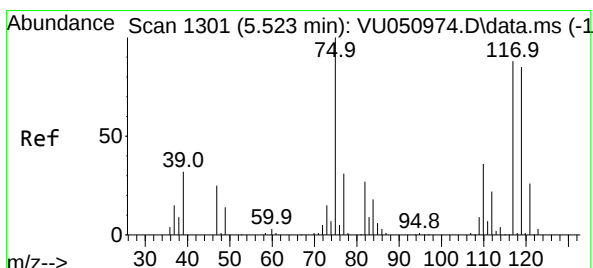
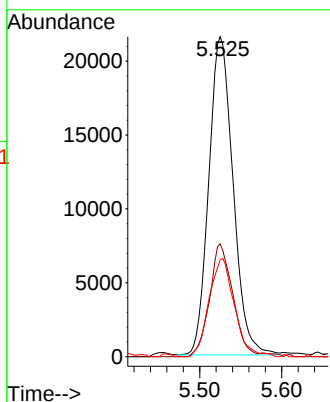
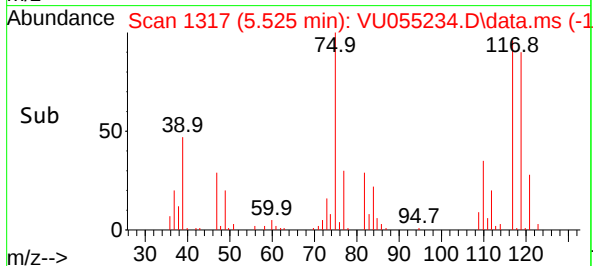
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



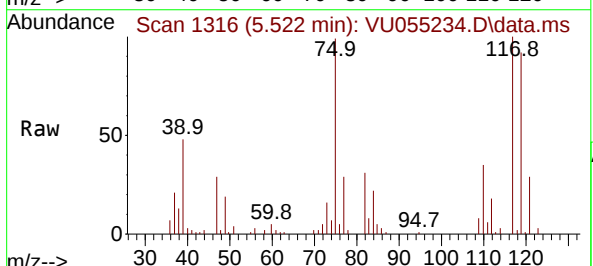
Tgt Ion: 75 Resp: 4429
Ion Ratio Lower Upper
75 100
110 33.8 18.0 54.0
77 32.1 24.7 37.1

Manual Integrations
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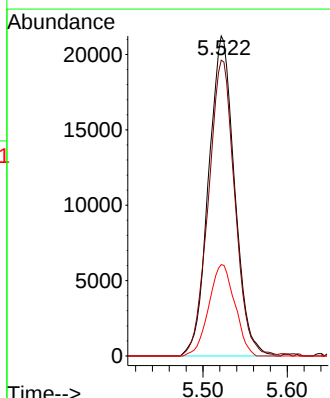
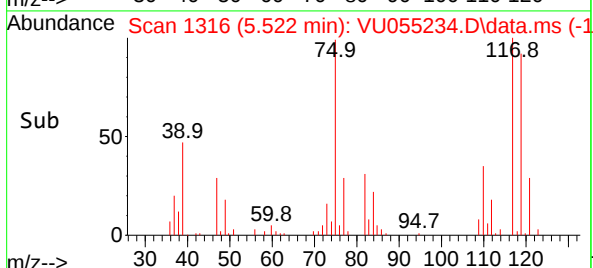
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

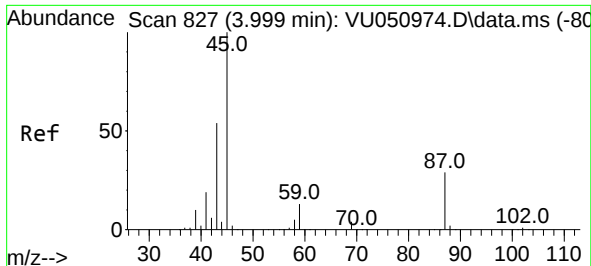


#30
Carbon Tetrachloride
Concen: 1.750 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



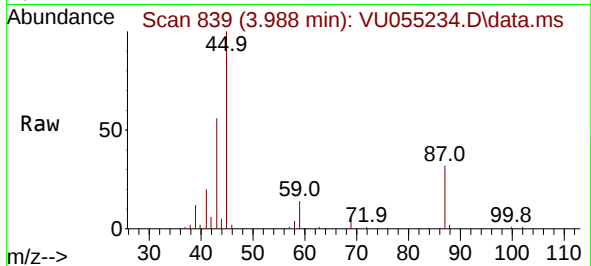
Tgt Ion:117 Resp: 45339
Ion Ratio Lower Upper
117 100
119 92.5 77.4 116.0
121 28.6 24.0 36.0





#31
Isopropyl Ether
Concen: 1.763 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.011 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

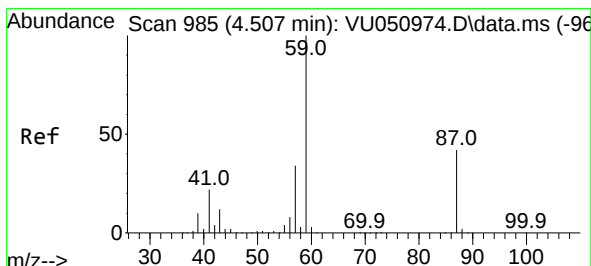
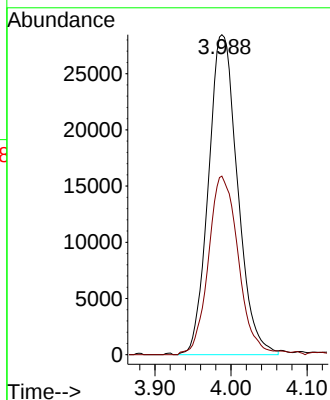
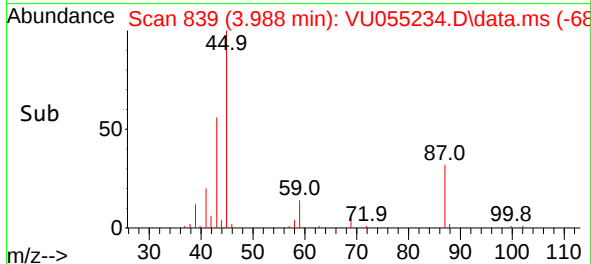
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



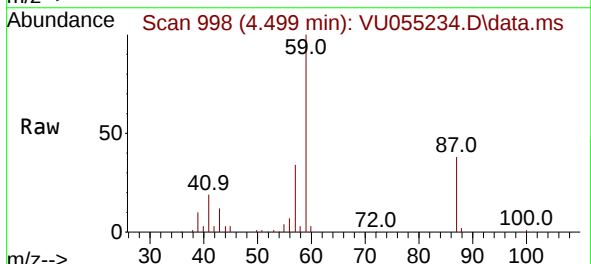
Tgt Ion: 45 Resp: 75830
Ion Ratio Lower Upper
45 100
43 57.4 27.5 82.5

Manual Integrations
APPROVED

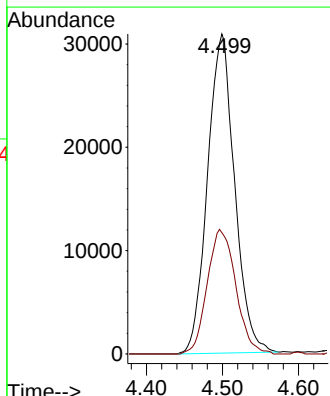
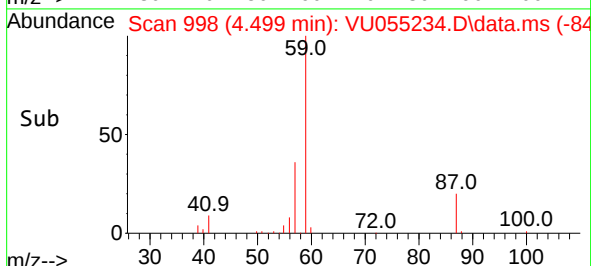
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

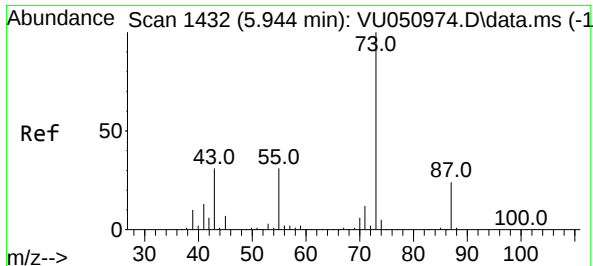


#32
Ethyl-t-butyl ether
Concen: 1.840 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.008 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



Tgt Ion: 59 Resp: 76504
Ion Ratio Lower Upper
59 100
87 41.2 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 1.962 ug/l

RT: 5.940 min Scan# 1432

Delta R.T. -0.004 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 73 Resp: 7186

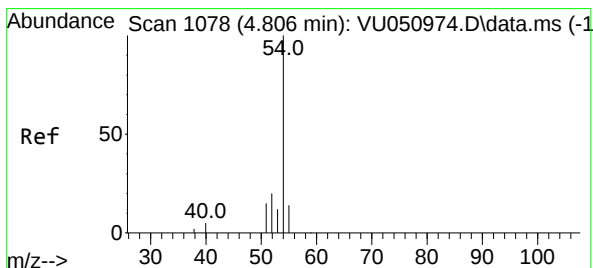
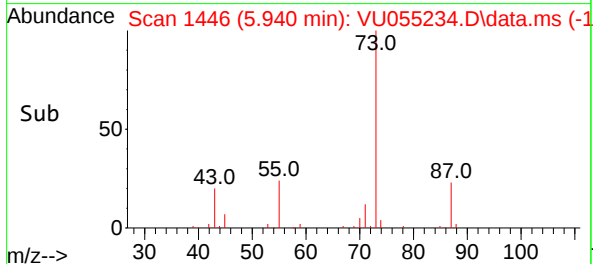
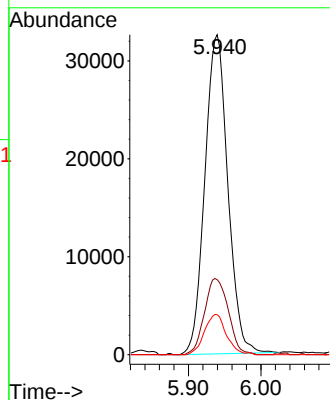
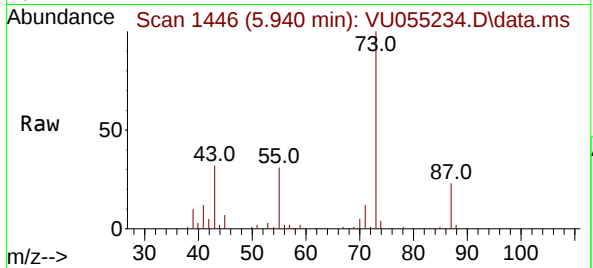
Ion	Ratio	Lower	Upper
73	100		
87	24.6	18.6	28.0
71	11.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#34

Propionitrile

Concen: 10.488 ug/l m

RT: 4.789 min Scan# 1088

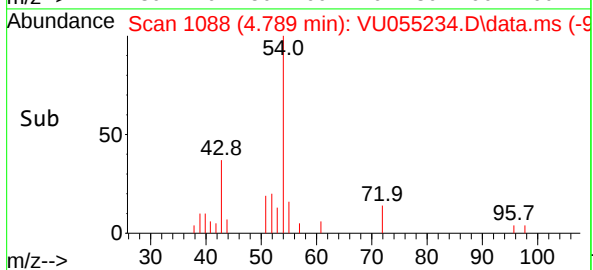
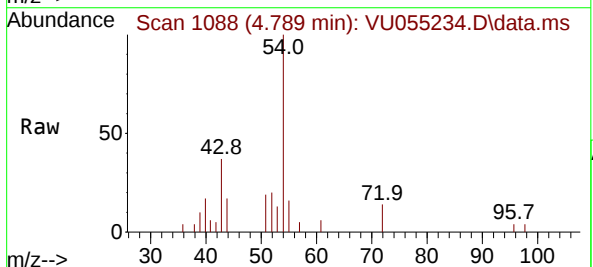
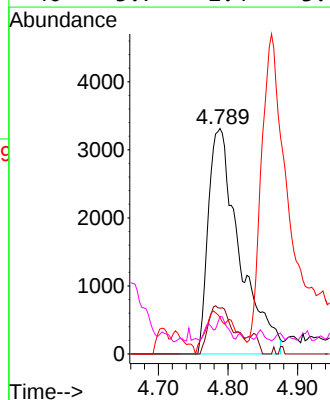
Delta R.T. -0.017 min

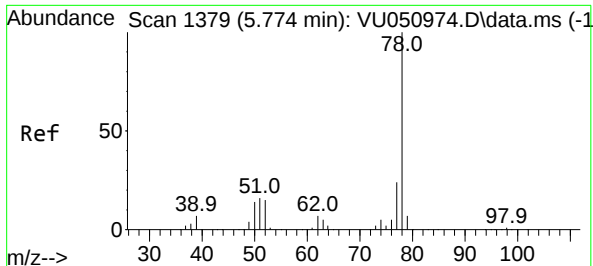
Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Tgt Ion: 54 Resp: 10288

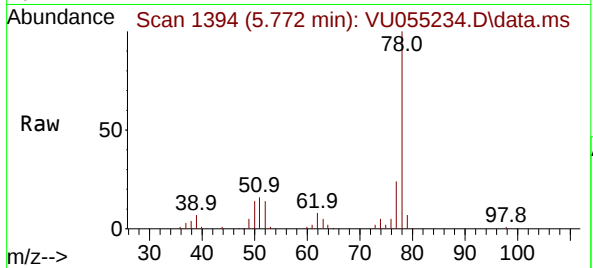
Ion	Ratio	Lower	Upper
54	100		
52	16.8	17.4	26.0#
55	10.6	104.1	156.1#
40	3.7	2.4	3.6#





#35
Benzene
Concen: 1.904 ug/l
RT: 5.772 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

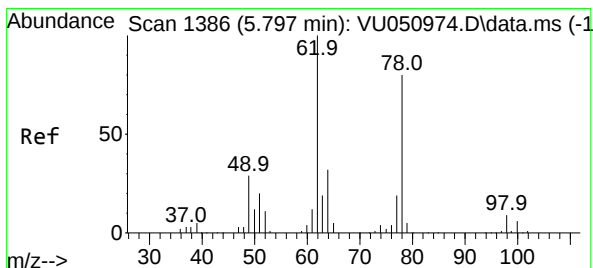
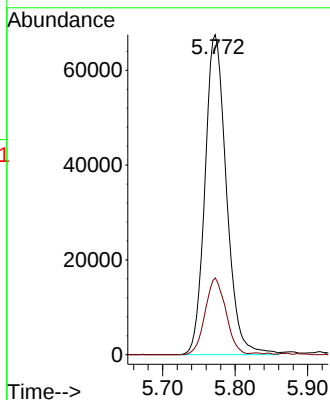
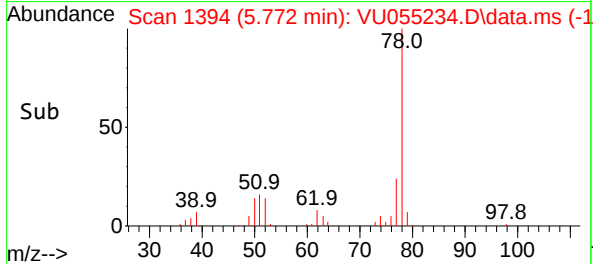
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



Tgt Ion: 78 Resp: 139120
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

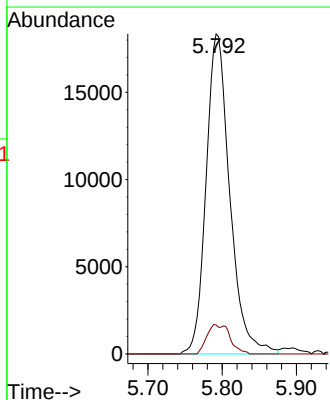
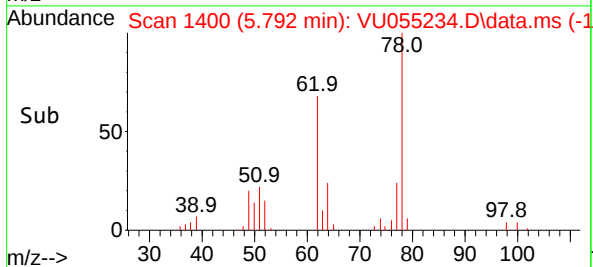
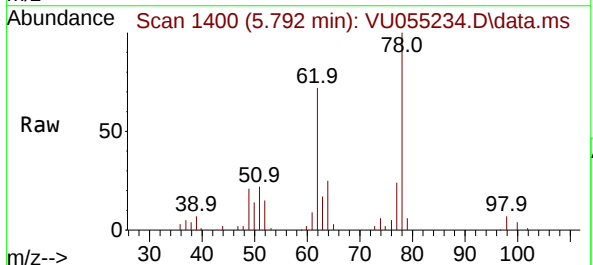
Manual Integrations
APPROVED

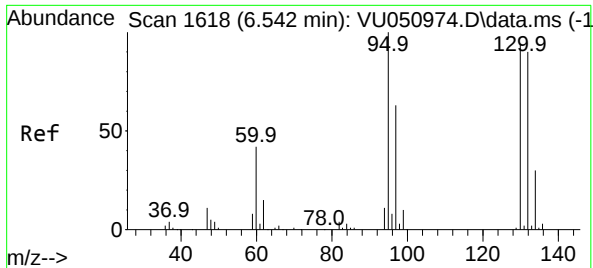
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#36
1,2-Dichloroethane
Concen: 1.995 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion: 62 Resp: 40668
Ion Ratio Lower Upper
62 100
98 5.4 7.3 10.9#





#37

Trichloroethene

Concen: 1.848 ug/l

RT: 6.541 min Scan# 1710

Delta R.T. -0.001 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion:130 Resp: 3945

Ion Ratio Lower Upper

130 100

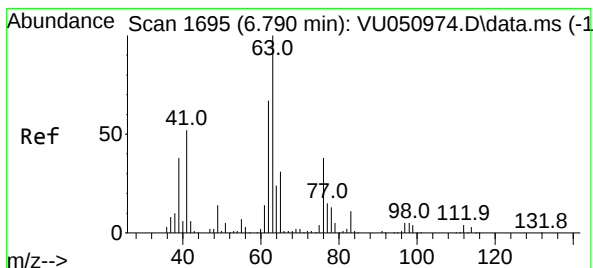
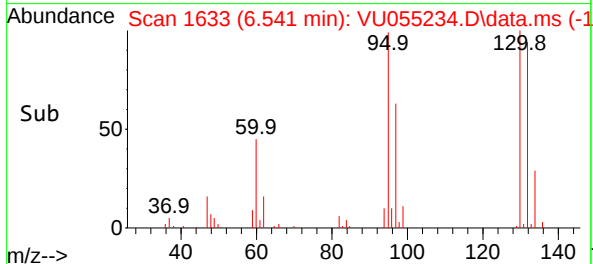
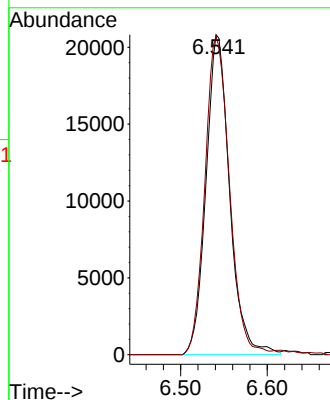
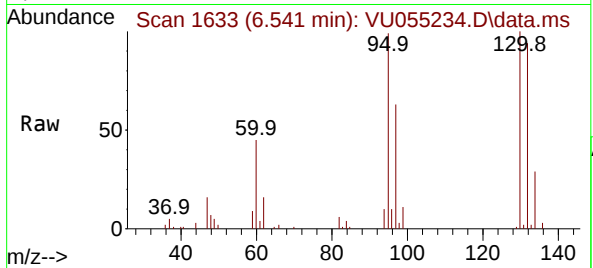
95 99.5 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#38

1,2-Dichloropropane

Concen: 1.914 ug/l

RT: 6.789 min Scan# 1710

Delta R.T. -0.002 min

Lab File: VU055234.D

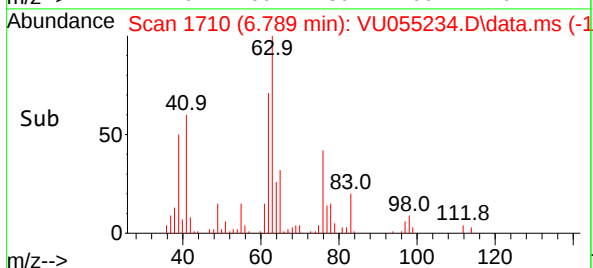
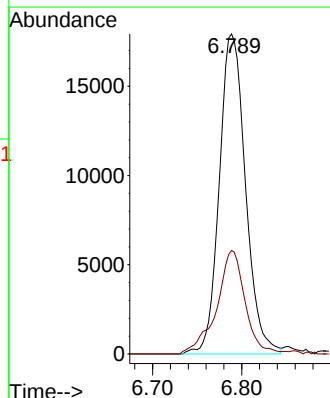
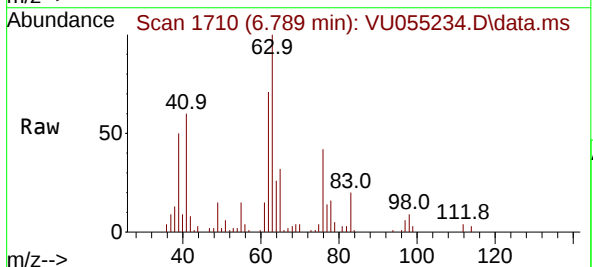
Acq: 11 Sep 2023 14:12

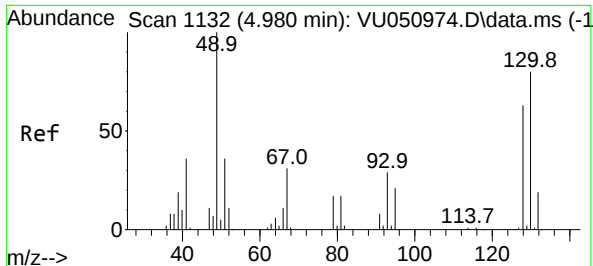
Tgt Ion: 63 Resp: 36693

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3





#39

Methacrylonitrile

Concen: 1.988 ug/l

RT: 4.978 min Scan# 1117

Delta R.T. -0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

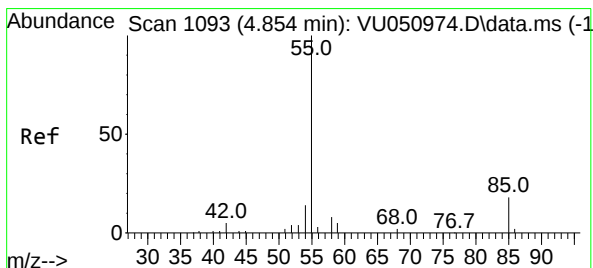
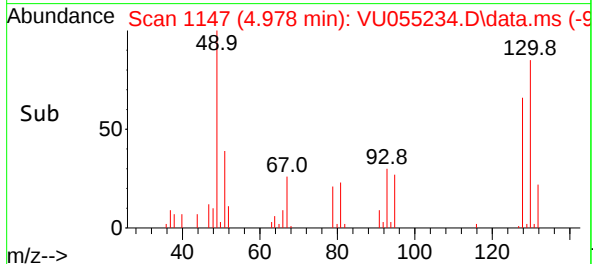
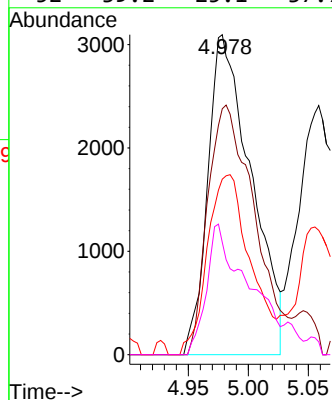
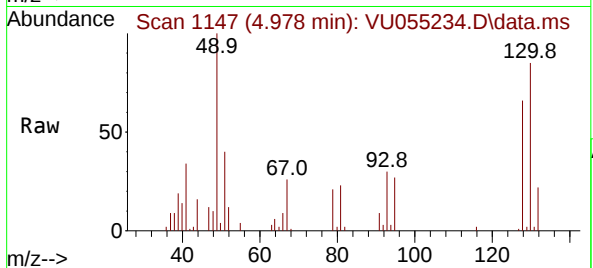
Tgt Ion:	41	Resp:	777
Ion	Ratio	Lower	Upper
41	100		
67	84.9	66.8	100.2
39	55.7	41.2	61.8
52	39.2	25.1	37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Methyl acrylate

Concen: 1.850 ug/l

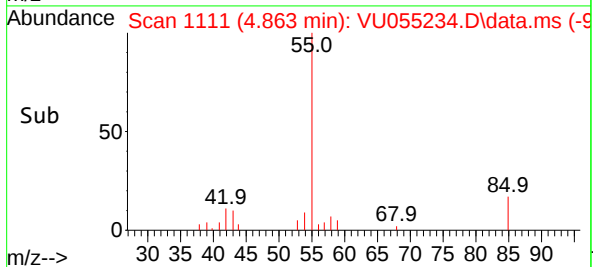
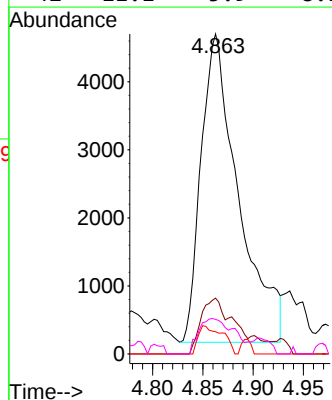
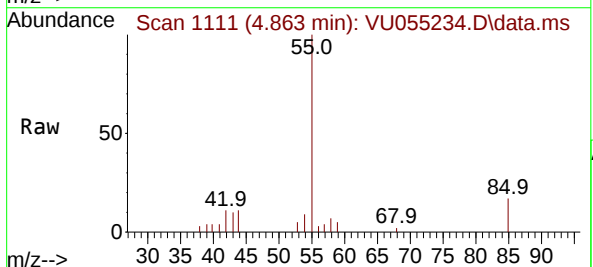
RT: 4.863 min Scan# 1111

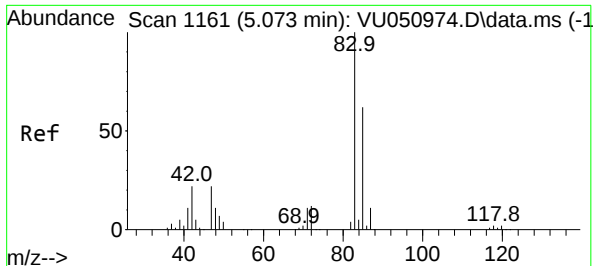
Delta R.T. 0.009 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Tgt Ion:	55	Resp:	11718
Ion	Ratio	Lower	Upper
55	100		
85	15.2	13.3	19.9
58	5.9	6.5	9.7#
42	11.1	5.9	8.9#





#41

Tetrahydrofuran

Concen: 4.030 ug/l

RT: 5.068 min Scan# 1161

Delta R.T. -0.005 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 42 Resp: 8740

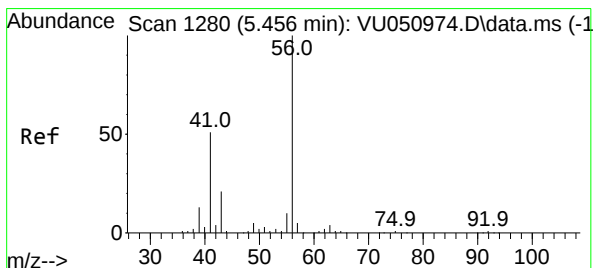
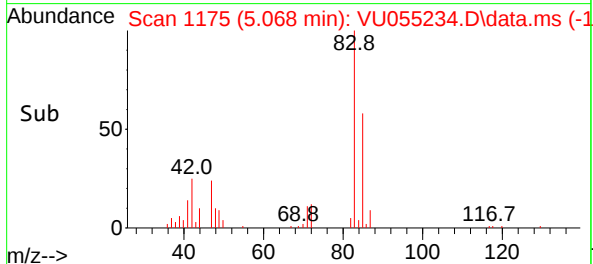
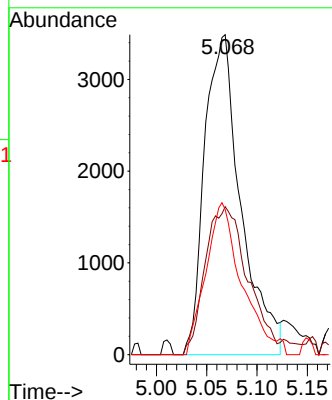
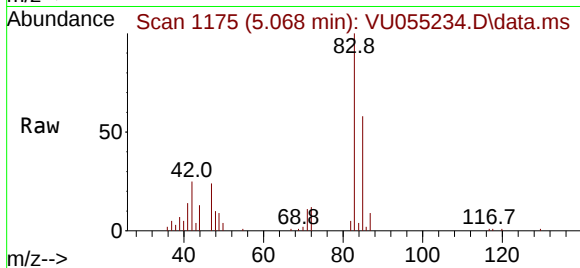
Ion	Ratio	Lower	Upper
42	100		
72	54.4	40.9	61.3
71	47.4	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#42

1-Chlorobutane

Concen: 1.854 ug/l

RT: 5.457 min Scan# 1296

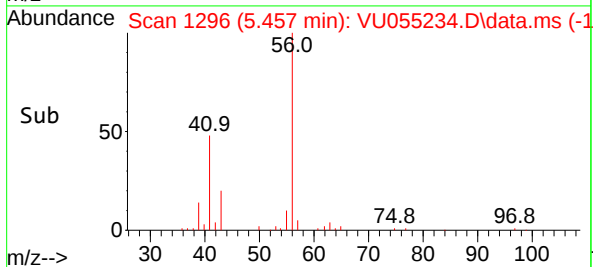
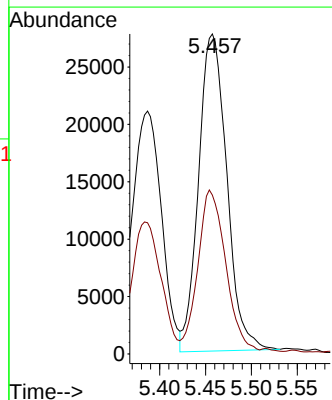
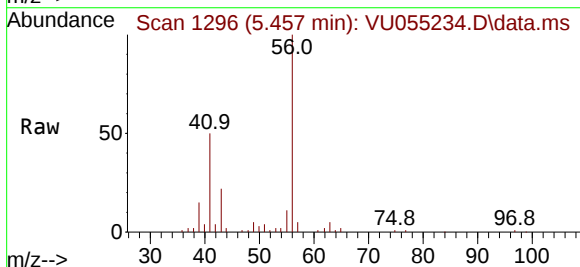
Delta R.T. 0.001 min

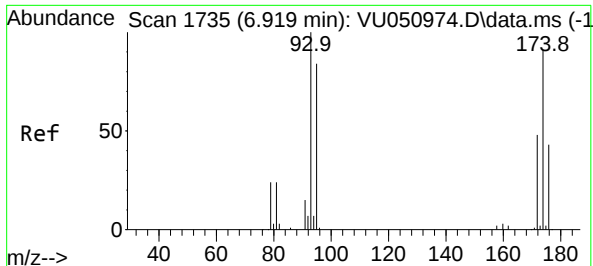
Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Tgt Ion: 56 Resp: 59123

Ion	Ratio	Lower	Upper
56	100		
41	49.5	25.2	75.6





#43

Dibromomethane

Concen: 1.955 ug/l

RT: 6.917 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU055234.D

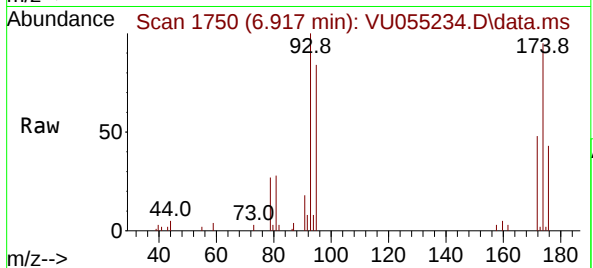
Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01



Tgt Ion: 93 Resp: 1772

Ion Ratio Lower Upper

93 100

95 87.2 67.0 100.6

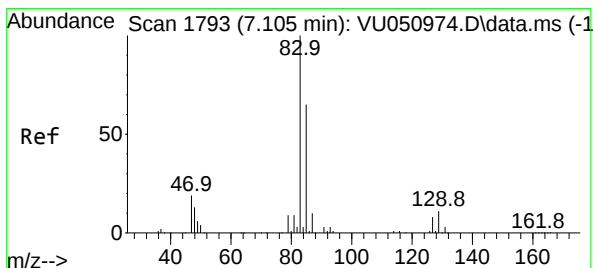
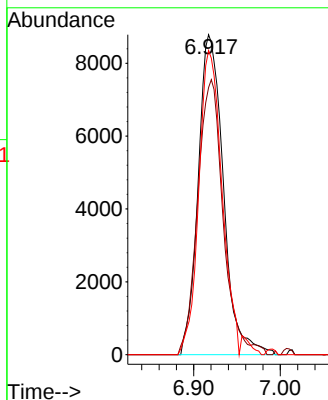
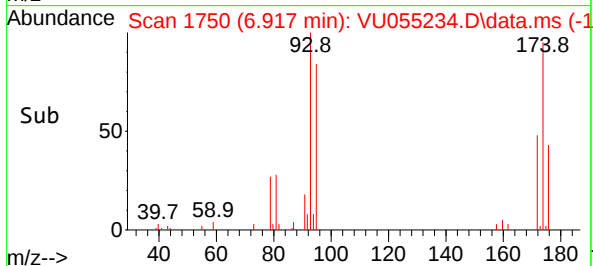
174 87.1 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#44

Bromodichloromethane

Concen: 1.913 ug/l

RT: 7.104 min Scan# 1808

Delta R.T. -0.001 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

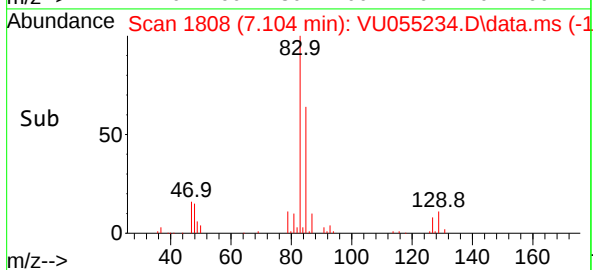
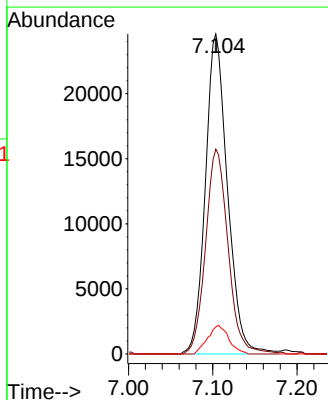
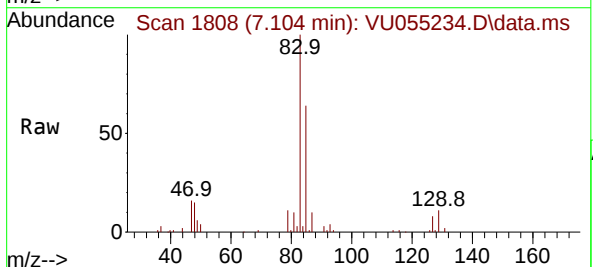
Tgt Ion: 83 Resp: 44905

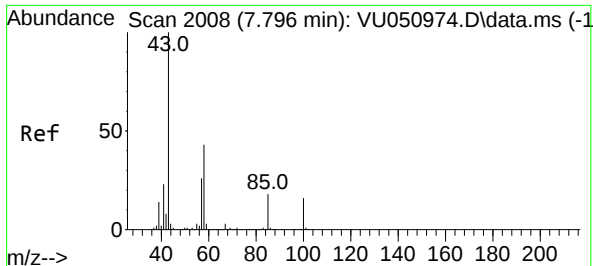
Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

127 8.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.594 ug/l

RT: 7.788 min Scan# 2008

Delta R.T. -0.008 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

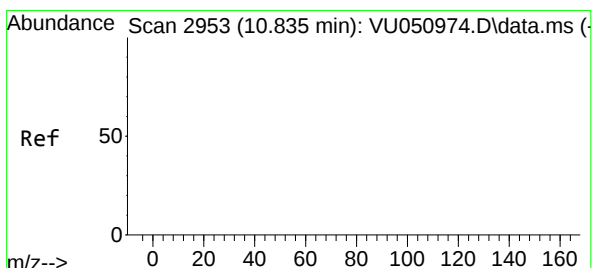
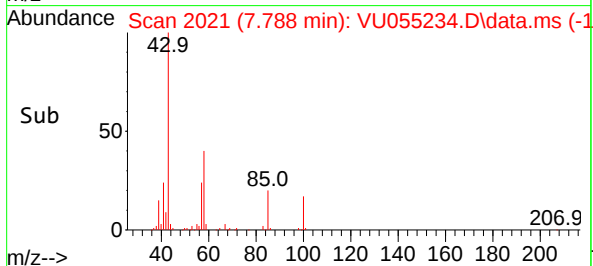
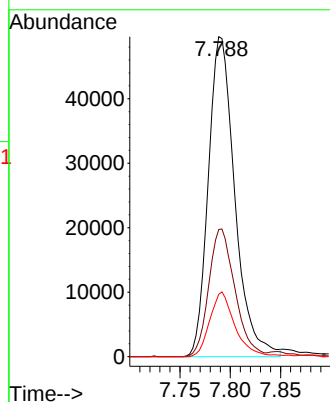
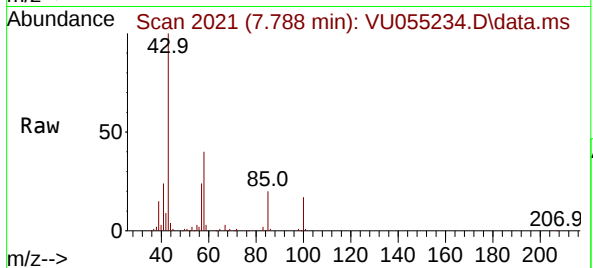
Tgt Ion:	43	Resp:	9109
Ion	Ratio	Lower	Upper
43	100		
58	39.5	20.9	62.8
85	19.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

t-1,4-Dichloro-2-butene

Concen: 3.478 ug/l m

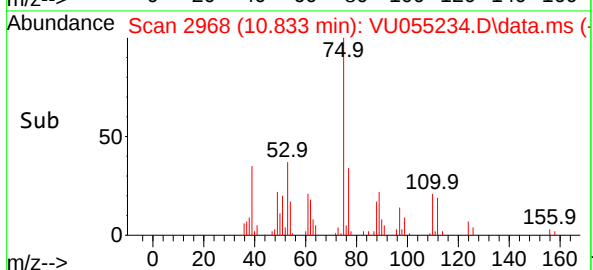
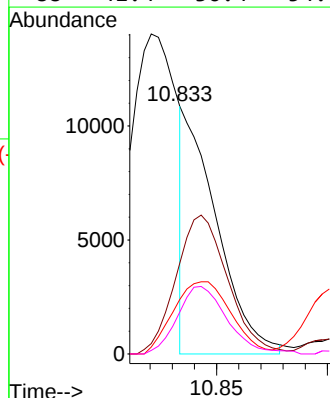
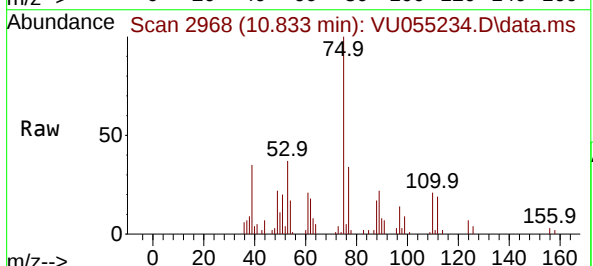
RT: 10.833 min Scan# 2968

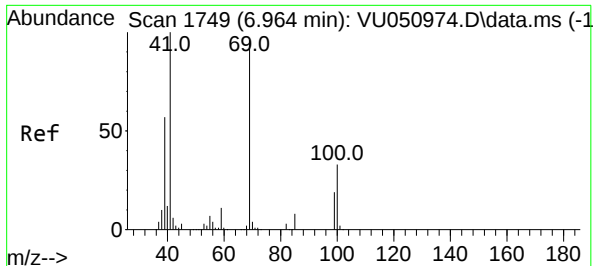
Delta R.T. -0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Tgt Ion:	75	Resp:	11176
Ion	Ratio	Lower	Upper
75	100		
53	88.4	73.3	109.9
89	51.2	48.2	72.4
88	41.4	36.4	54.6





#47

Methyl methacrylate

Concen: 4.125 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. -0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 69 Resp: 2873

Ion Ratio Lower Upper

69 100

41 103.6 0.0 209.2

39 63.9 46.7 70.1

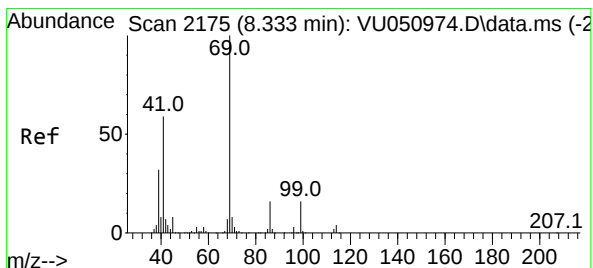
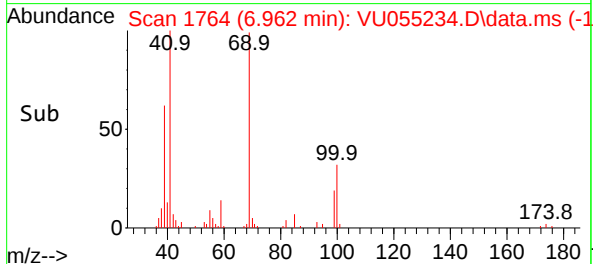
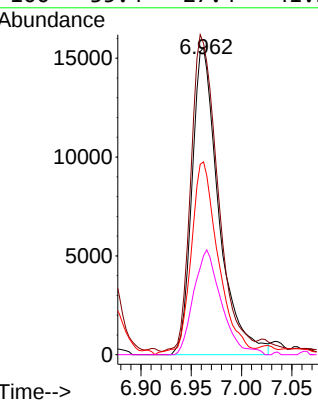
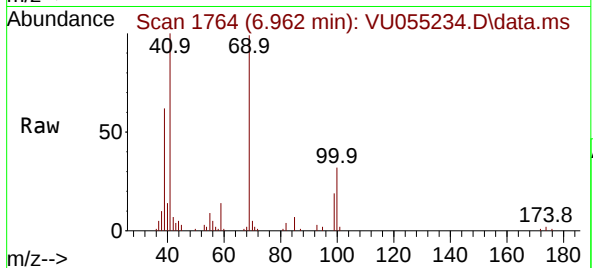
100 35.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#48

Ethyl methacrylate

Concen: 2.026 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.002 min

Lab File: VU055234.D

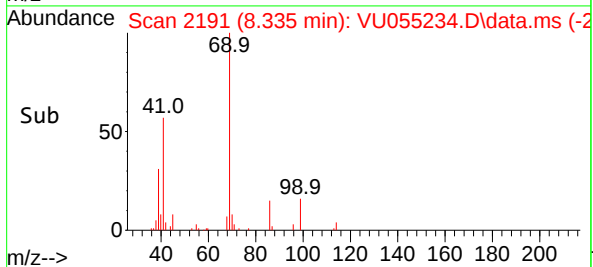
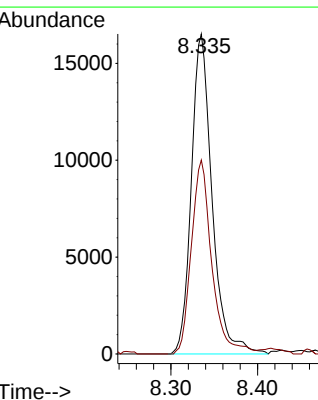
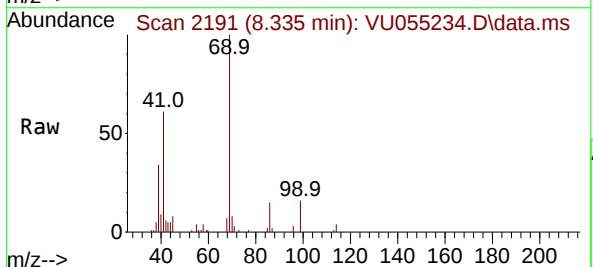
Acq: 11 Sep 2023 14:12

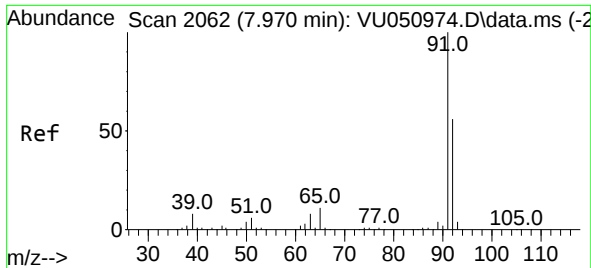
Tgt Ion: 69 Resp: 27413

Ion Ratio Lower Upper

69 100

41 59.8 30.3 90.8





#49

Toluene

Concen: 1.913 ug/l

RT: 7.969 min Scan# 2062

Delta R.T. -0.001 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 92 Resp: 8478

Ion Ratio Lower Upper

92 100

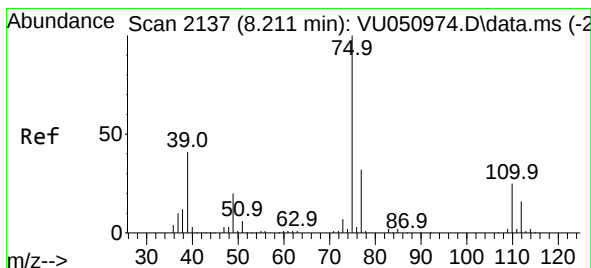
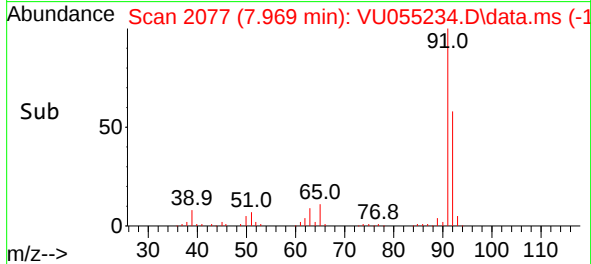
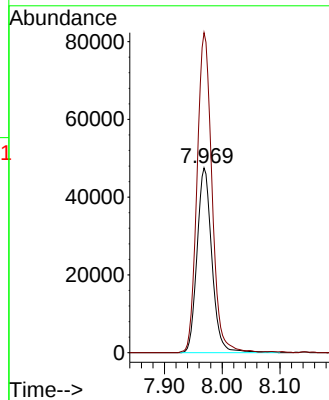
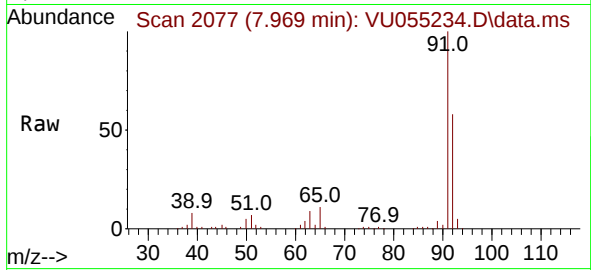
91 174.0 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#50

t-1,3-Dichloropropene

Concen: 1.912 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. -0.001 min

Lab File: VU055234.D

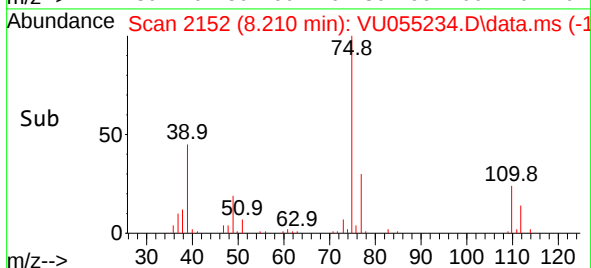
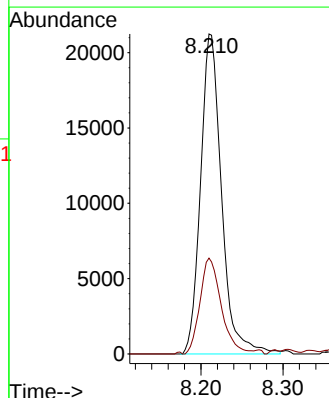
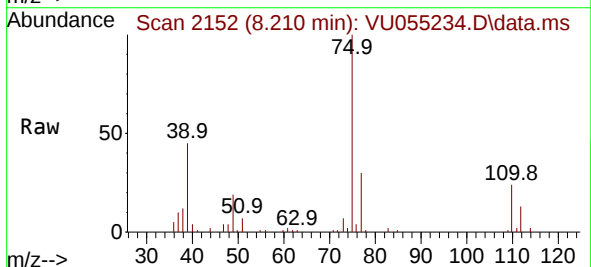
Acq: 11 Sep 2023 14:12

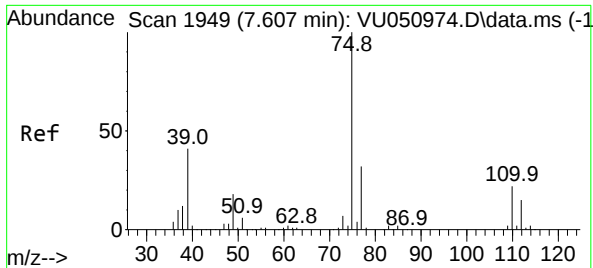
Tgt Ion: 75 Resp: 37778

Ion Ratio Lower Upper

75 100

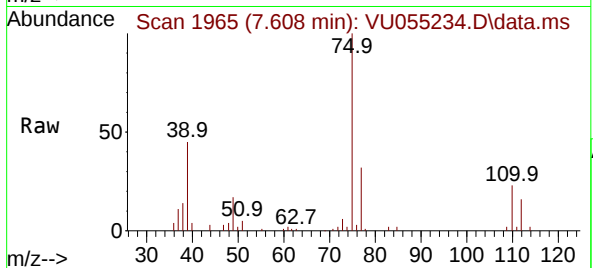
77 29.3 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.861 ug/l
 RT: 7.608 min Scan# 1949
 Delta R.T. 0.001 min
 Lab File: VU055234.D
 Acq: 11 Sep 2023 14:12

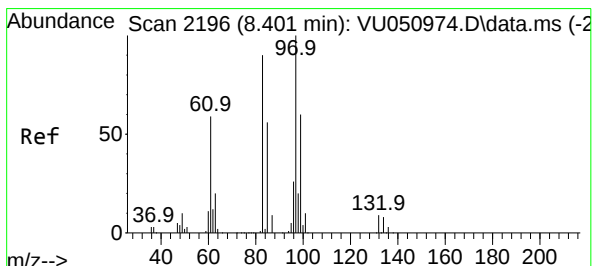
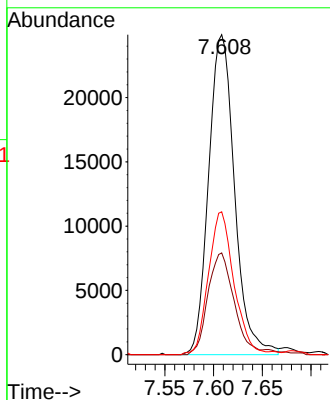
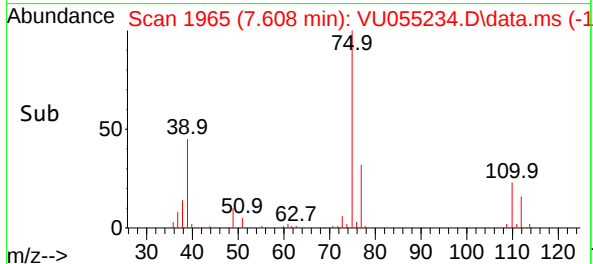
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01



Tgt Ion: 75 Resp: 46130
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 44.6 32.8 49.2

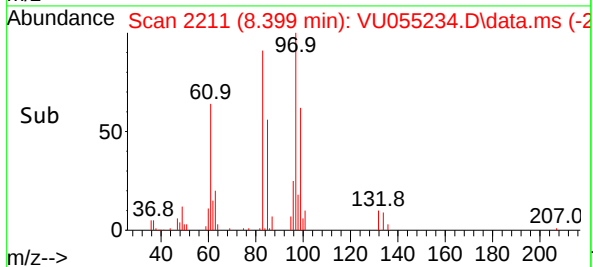
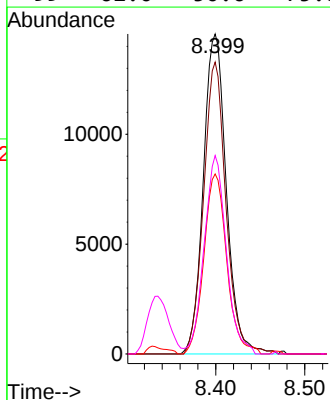
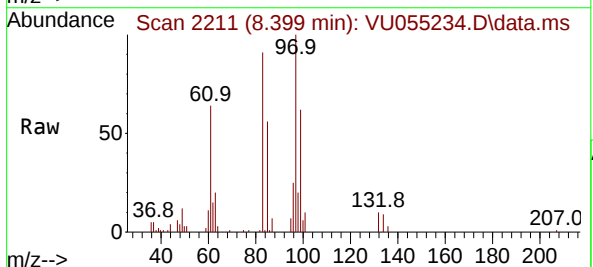
Manual Integrations
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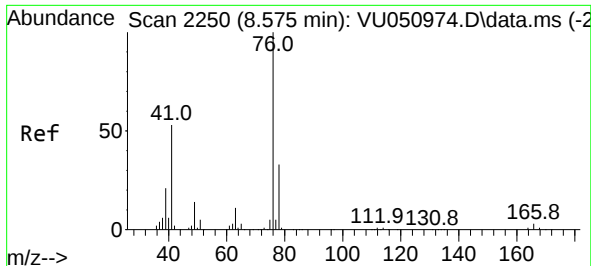
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.039 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. -0.002 min
 Lab File: VU055234.D
 Acq: 11 Sep 2023 14:12

Tgt Ion: 97 Resp: 26084
 Ion Ratio Lower Upper
 97 100
 83 91.2 71.8 107.8
 85 56.2 45.2 67.8
 99 62.0 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.068 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 76 Resp: 4485

Ion Ratio Lower Upper

76 100

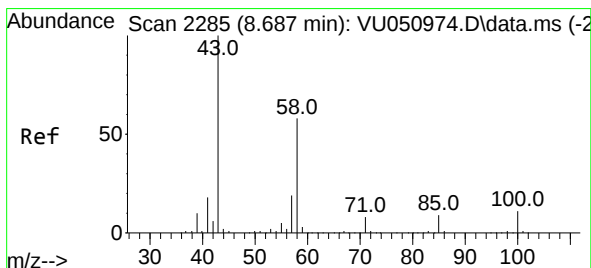
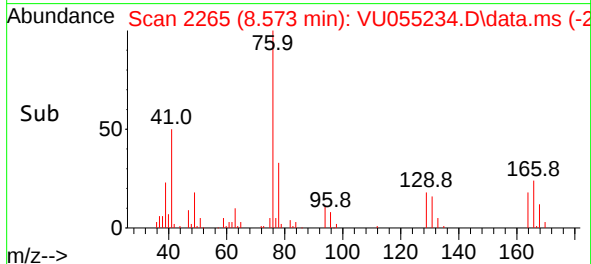
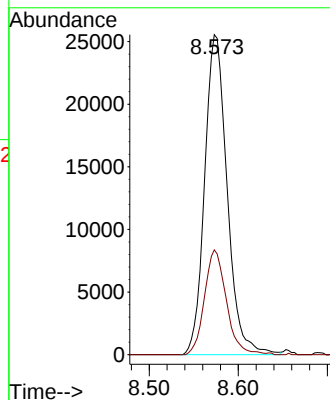
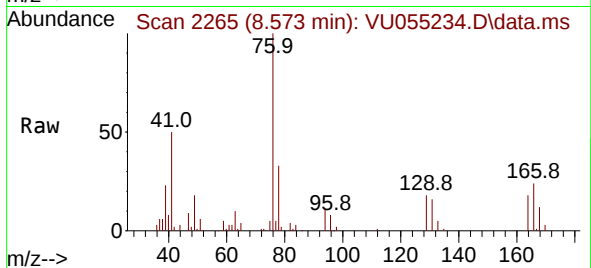
78 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#54

2-Hexanone

Concen: 8.695 ug/l

RT: 8.686 min Scan# 2300

Delta R.T. -0.001 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

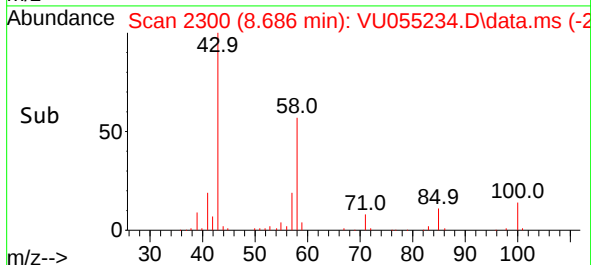
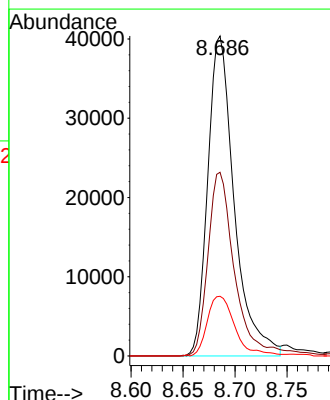
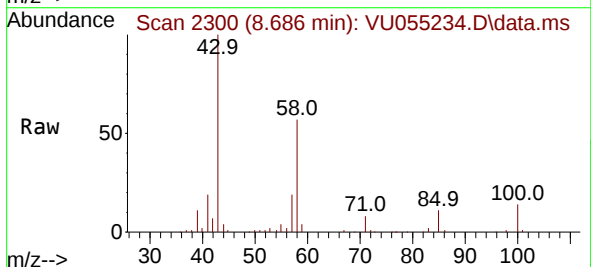
Tgt Ion: 43 Resp: 71631

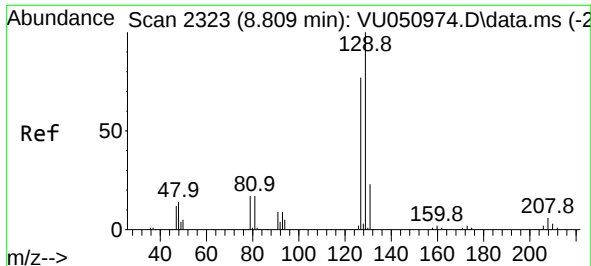
Ion Ratio Lower Upper

43 100

58 58.2 38.2 78.2

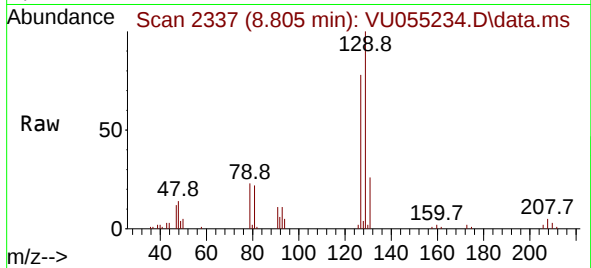
57 19.5 0.0 39.1





#55
Dibromochloromethane
Concen: 1.806 ug/l
RT: 8.805 min Scan# 2133
Delta R.T. -0.004 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

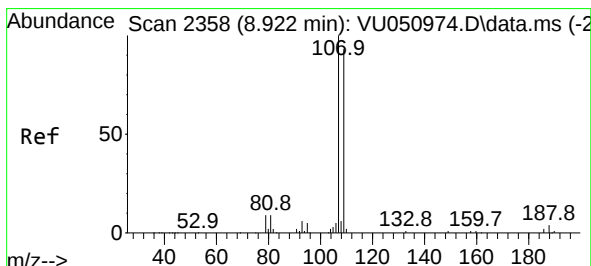
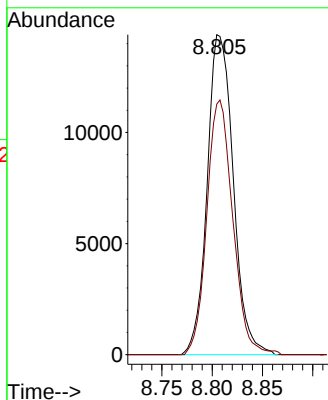
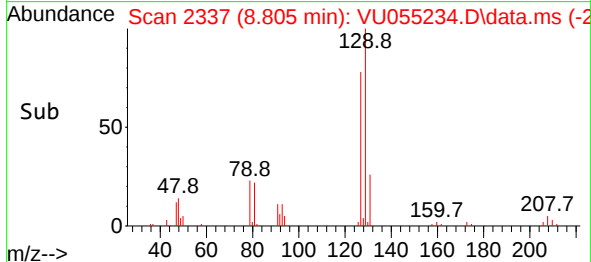
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



Tgt Ion:129 Resp: 2603
Ion Ratio Lower Upper
129 100
127 79.1 61.4 92.0

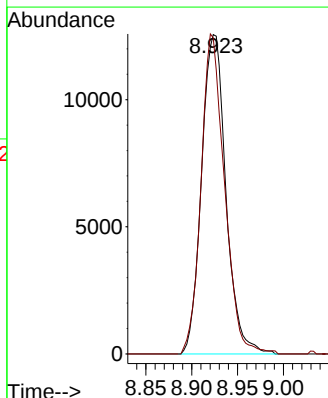
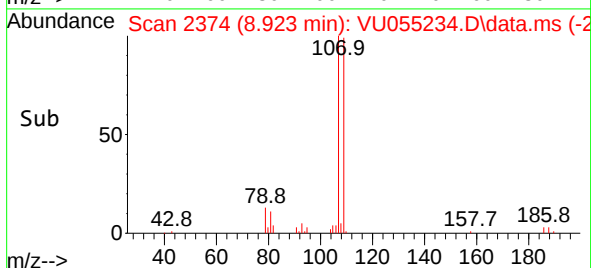
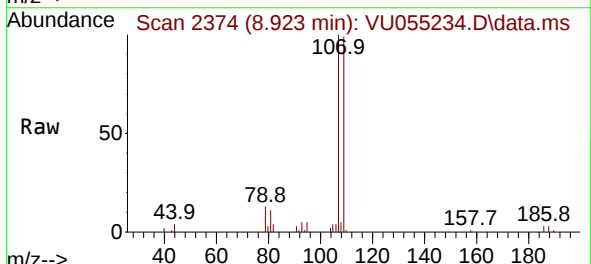
Manual Integrations
APPROVED

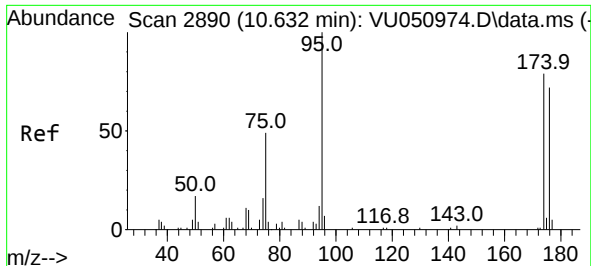
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#56
1,2-Dibromoethane
Concen: 1.997 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

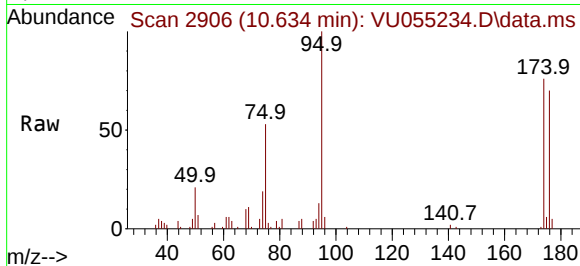
Tgt Ion:107 Resp: 23240
Ion Ratio Lower Upper
107 100
109 96.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.935 ug/l
RT: 10.634 min Scan# 2145
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

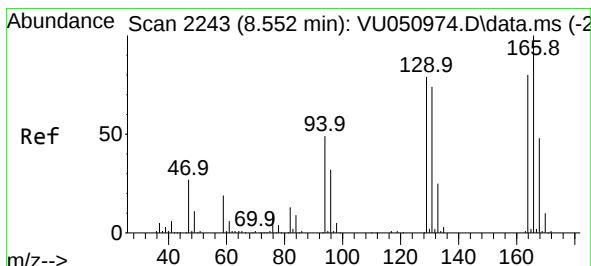
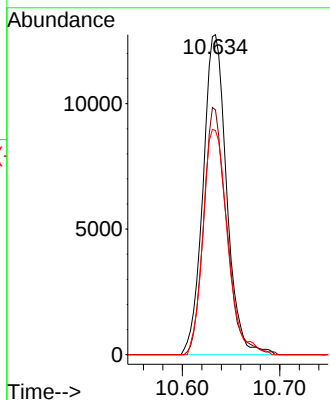
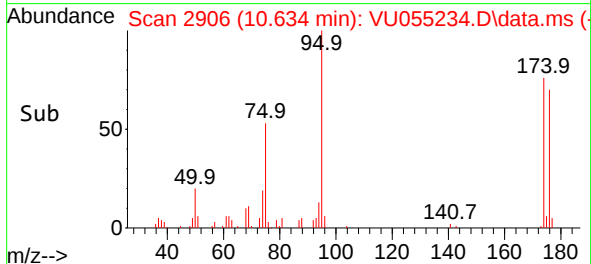
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



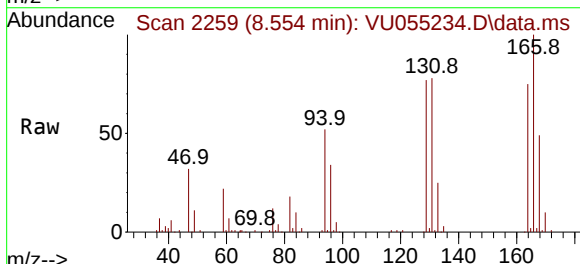
Tgt Ion: 95 Resp: 2145
Ion Ratio Lower Upper
95 100
174 75.0 63.3 94.9
176 73.2 59.3 88.9

Manual Integrations
APPROVED

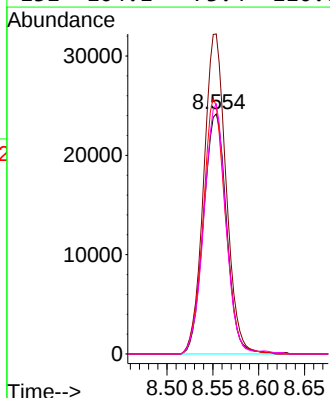
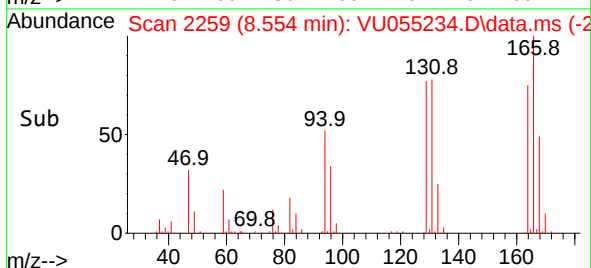
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

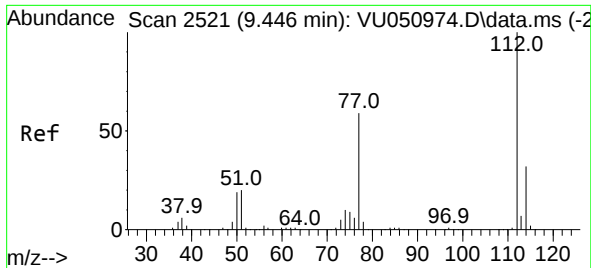


#58
Tetrachloroethene
Concen: 1.828 ug/l
RT: 8.554 min Scan# 2259
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



Tgt Ion:164 Resp: 42175
Ion Ratio Lower Upper
164 100
166 133.3 99.6 149.4
129 103.2 78.6 117.8
131 104.1 73.4 110.0





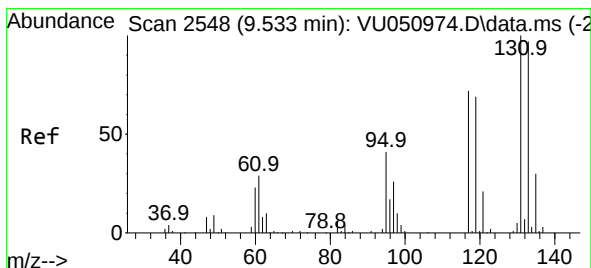
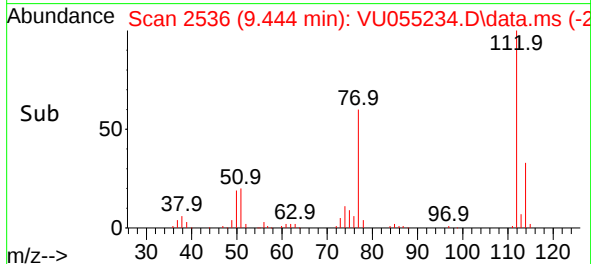
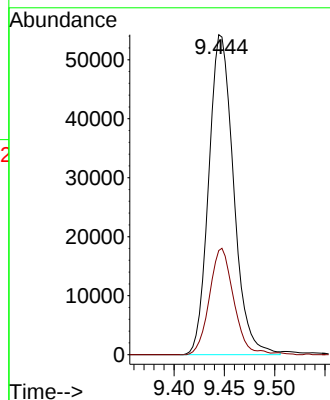
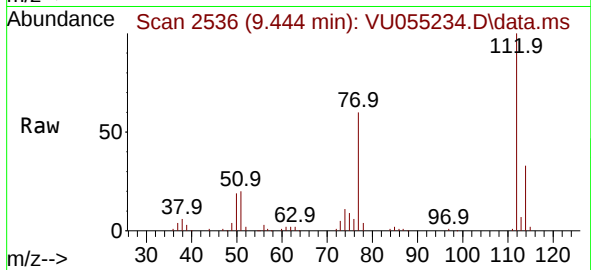
#59
Chlorobenzene
Concen: 1.879 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument : MSVOA_U
ClientSampleId : VU0911WBSD01

Tgt Ion:112 Resp: 9326
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

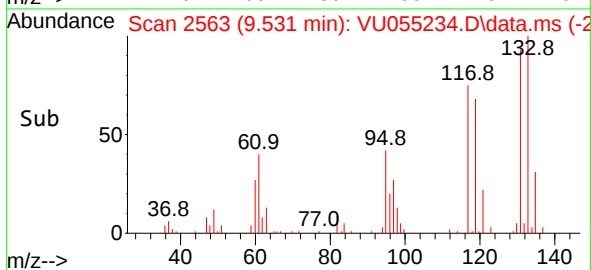
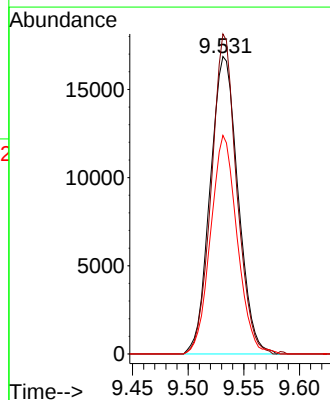
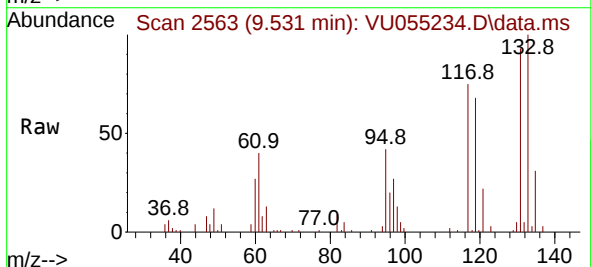
Manual Integrations
APPROVED

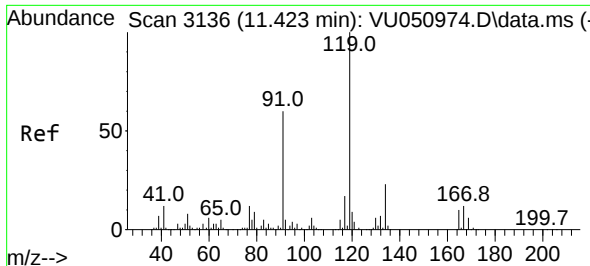
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.790 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:131 Resp: 29430
Ion Ratio Lower Upper
131 100
133 97.4 77.8 116.6
119 69.9 55.2 82.8





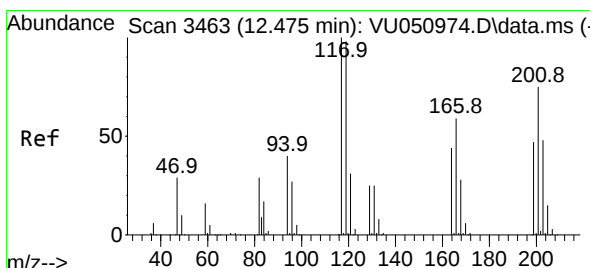
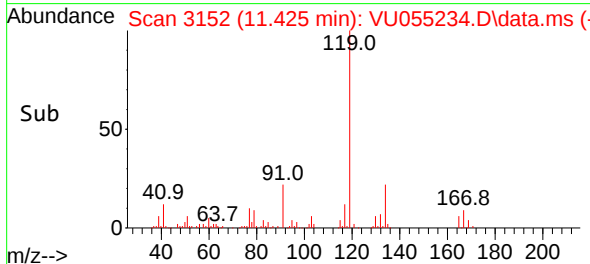
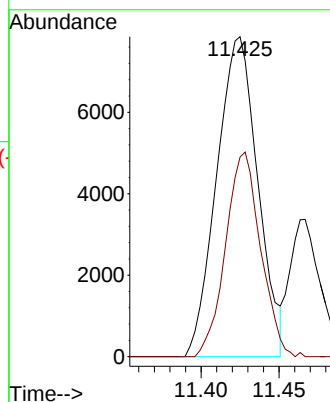
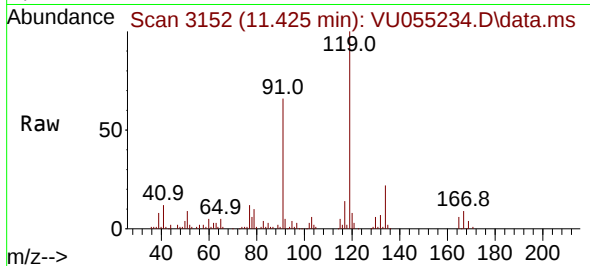
#61
Pentachloroethane
Concen: 1.880 ug/l
RT: 11.425 min Scan# 3136
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion:117 Resp: 14400
Ion Ratio Lower Upper
117 100
167 54.4 56.7 85.1

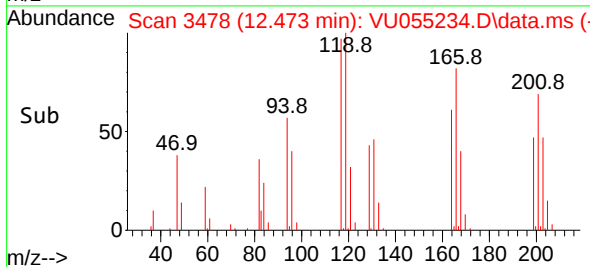
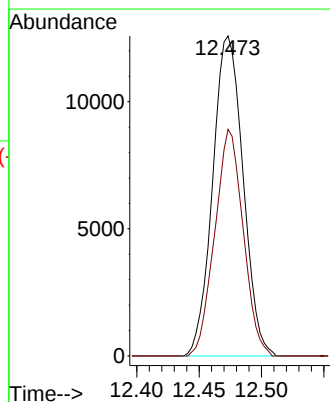
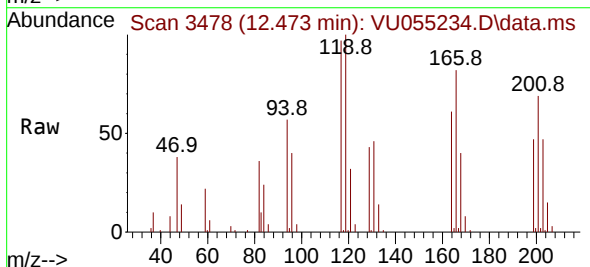
Manual Integrations
APPROVED

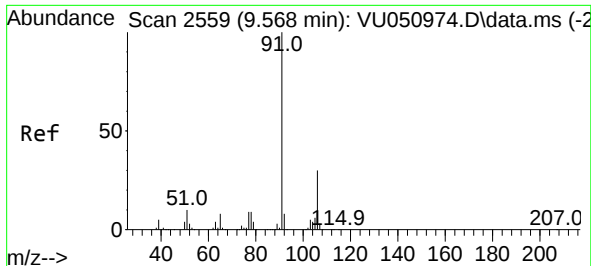
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
Hexachloroethane
Concen: 1.702 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:117 Resp: 21381
Ion Ratio Lower Upper
117 100
201 66.1 59.6 89.4





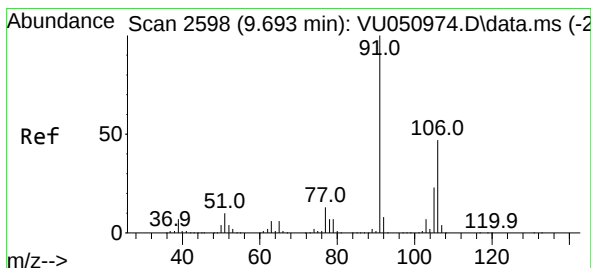
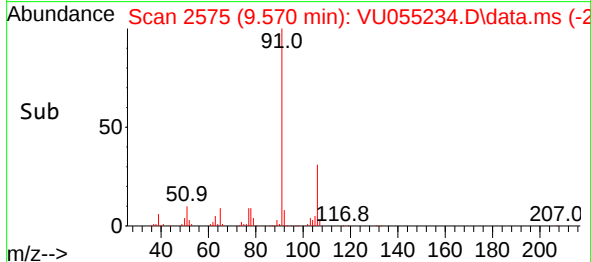
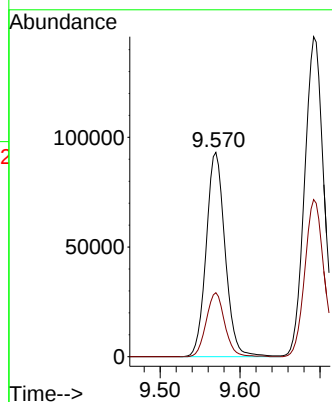
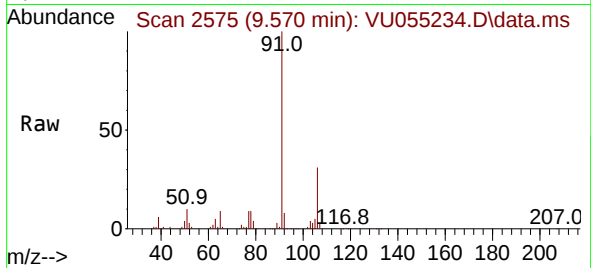
#63
Ethyl Benzene
Concen: 1.828 ug/l
RT: 9.570 min Scan# 2153
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 91 Resp: 153418
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2

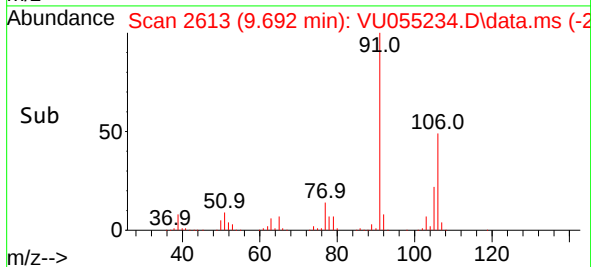
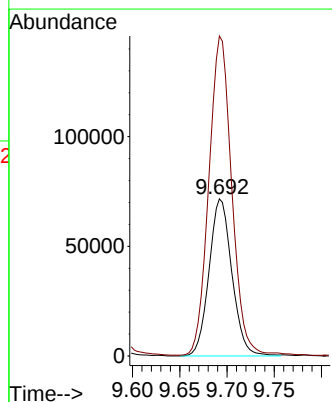
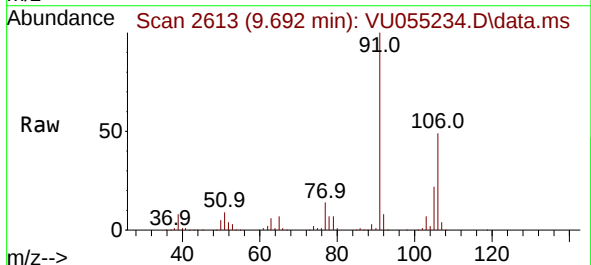
Manual Integrations
APPROVED

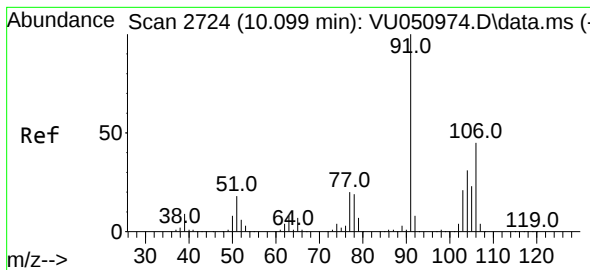
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
m/p-Xylenes
Concen: 3.705 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:106 Resp: 120487
Ion Ratio Lower Upper
106 100
91 204.7 167.3 250.9





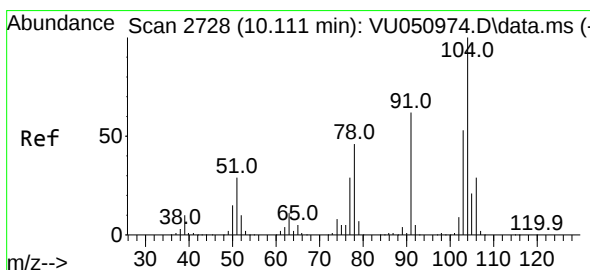
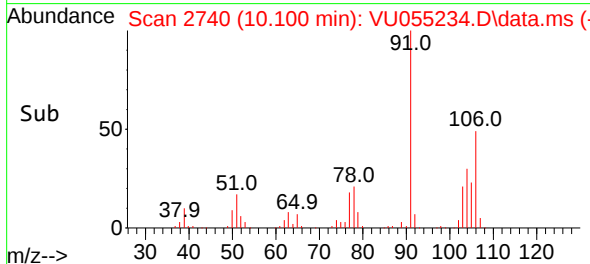
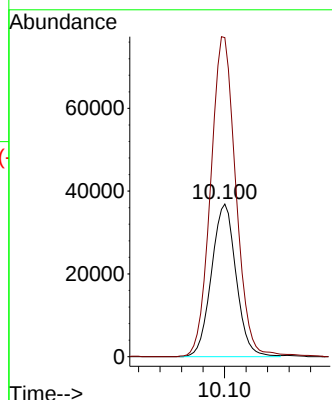
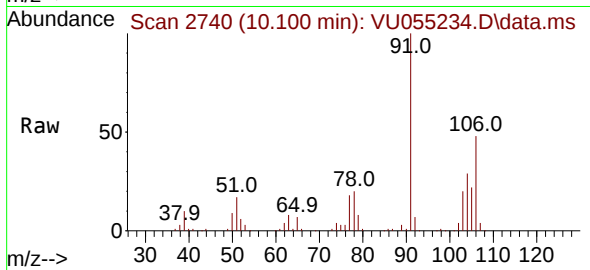
#65
o-Xylene
Concen: 1.859 ug/l
RT: 10.100 min Scan# 2710
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion:106 Resp: 5860
Ion Ratio Lower Upper
106 100
91 215.6 109.3 327.9

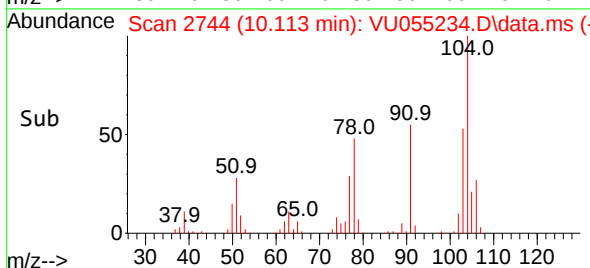
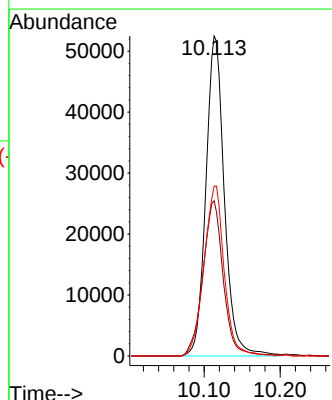
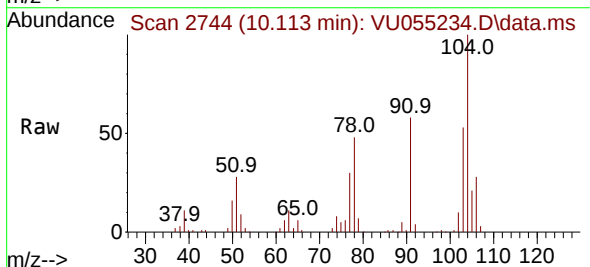
Manual Integrations
APPROVED

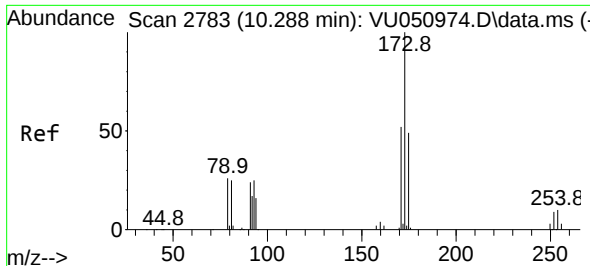
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
Styrene
Concen: 1.799 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

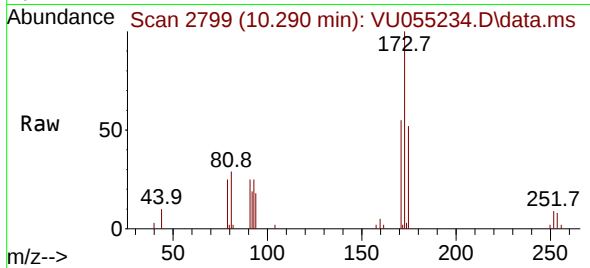
Tgt Ion:104 Resp: 88612
Ion Ratio Lower Upper
104 100
78 53.2 39.7 59.5
103 58.0 44.8 67.2





#67
Bromoform
Concen: 1.771 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

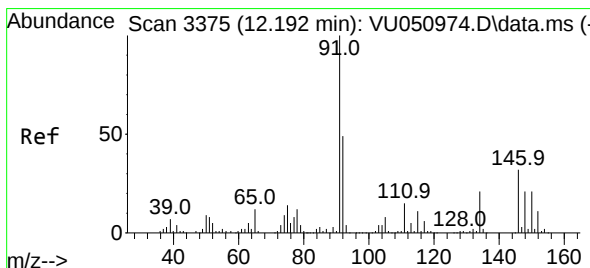
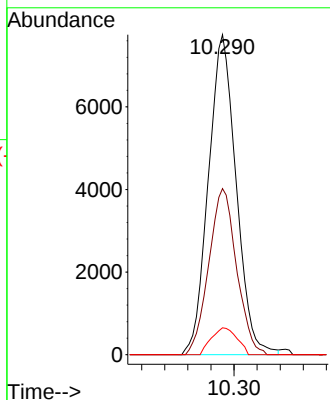
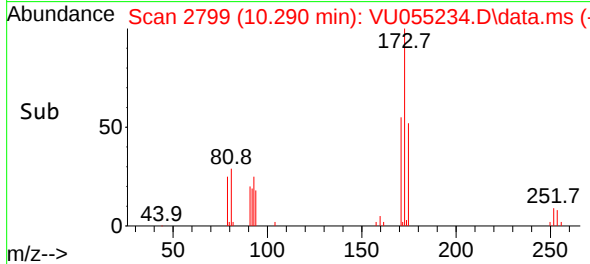
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



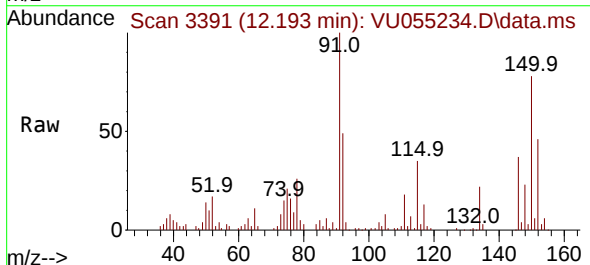
Tgt Ion:173 Resp: 12914
Ion Ratio Lower Upper
173 100
175 52.0 39.0 58.6
254 7.7 7.4 11.0

Manual Integrations
APPROVED

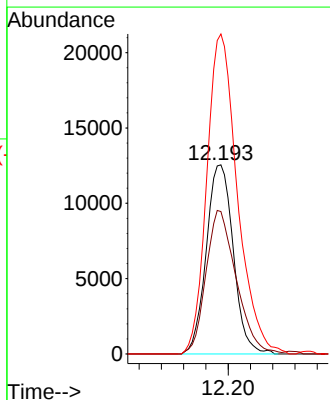
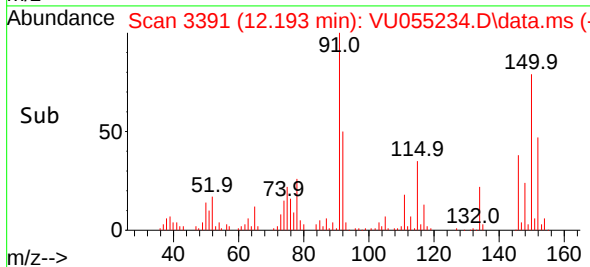
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

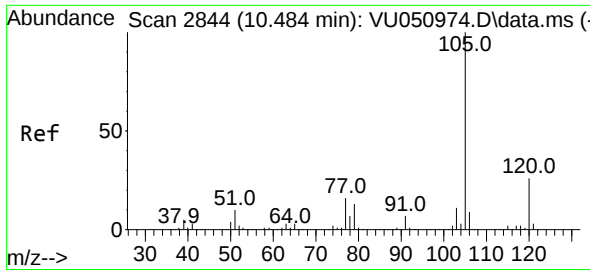


#68
1,2-Dichlorobenzene-d4
Concen: 0.946 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



Tgt Ion:152 Resp: 21156
Ion Ratio Lower Upper
152 100
115 84.9 0.0 308.8
150 191.2 0.0 635.0





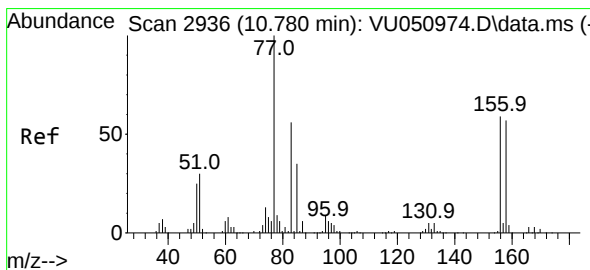
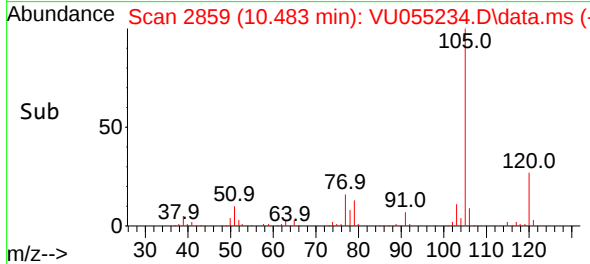
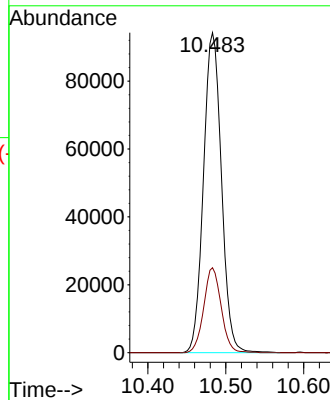
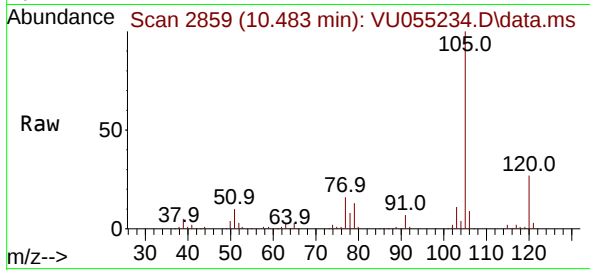
#69
Isopropylbenzene
Concen: 1.830 ug/l
RT: 10.483 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion:105 Resp: 15088
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

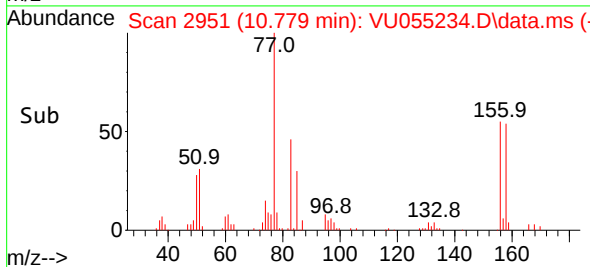
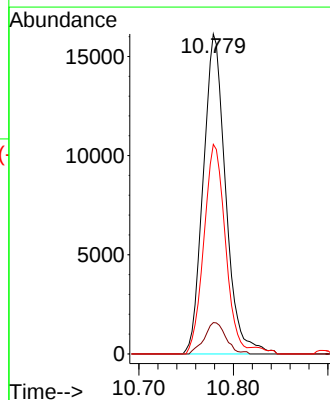
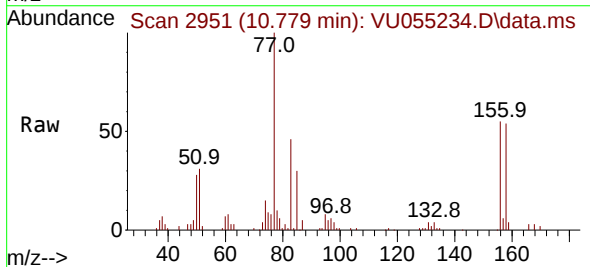
Manual Integrations
APPROVED

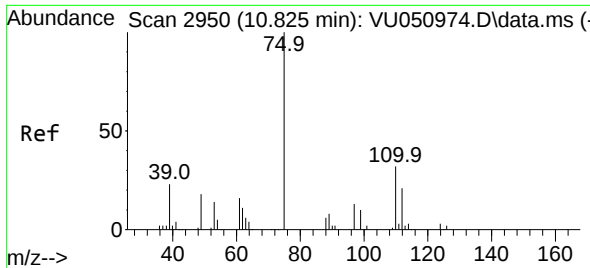
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 2.044 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

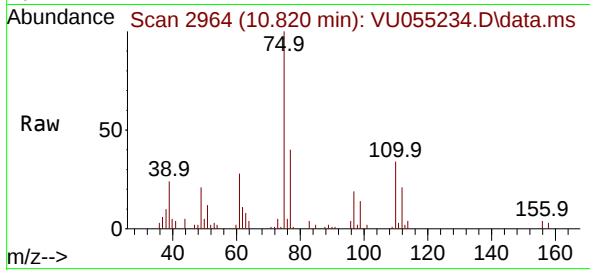
Tgt Ion: 83 Resp: 26560
Ion Ratio Lower Upper
83 100
131 9.5 7.2 10.8
85 62.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.891 ug/l m
RT: 10.820 min Scan# 2950
Delta R.T. -0.005 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

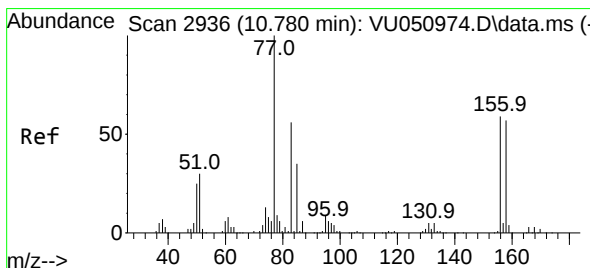
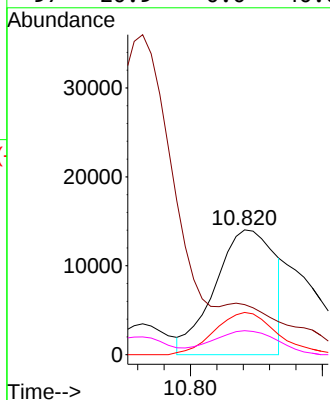
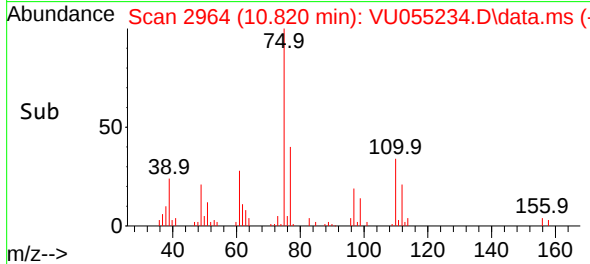
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



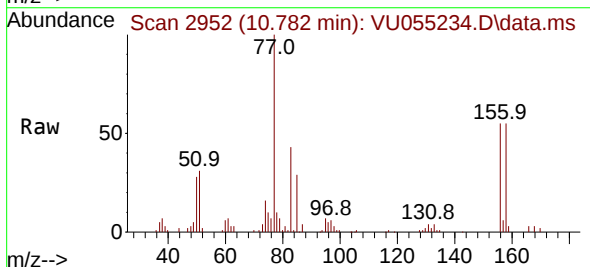
Tgt Ion: 75 Resp: 21968
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 35.6 0.0 74.6
97 20.9 0.0 40.0

Manual Integrations
APPROVED

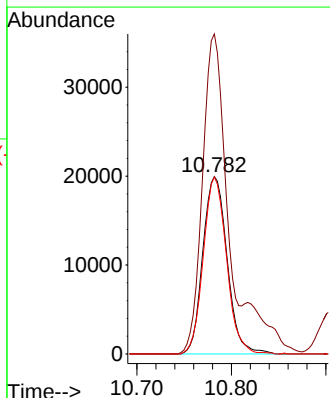
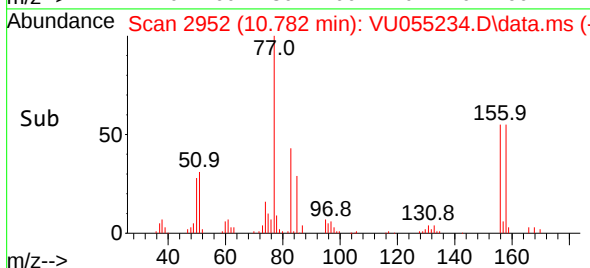
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

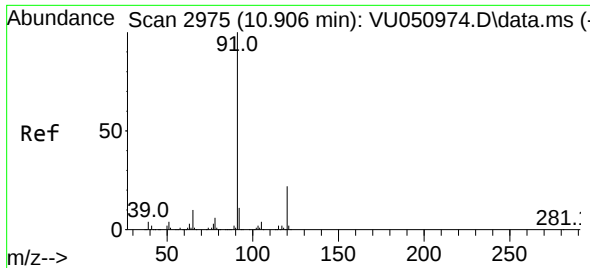


#72
Bromobenzene
Concen: 1.880 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



Tgt Ion:156 Resp: 35630
Ion Ratio Lower Upper
156 100
77 172.4 0.0 343.0
158 95.6 0.0 194.8





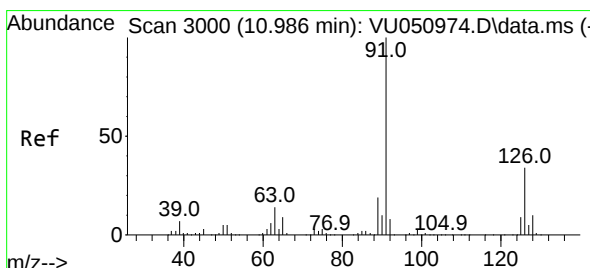
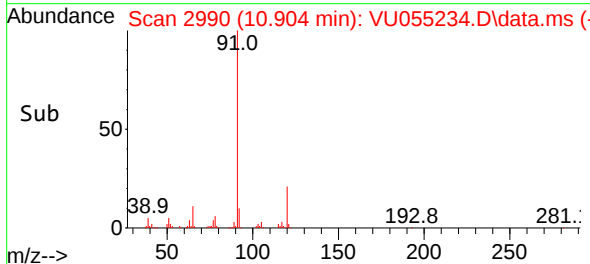
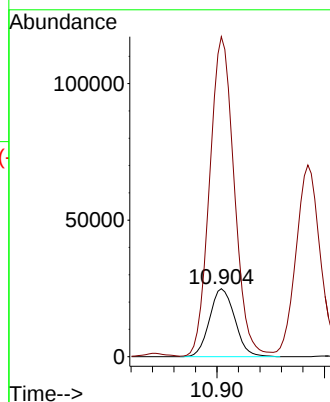
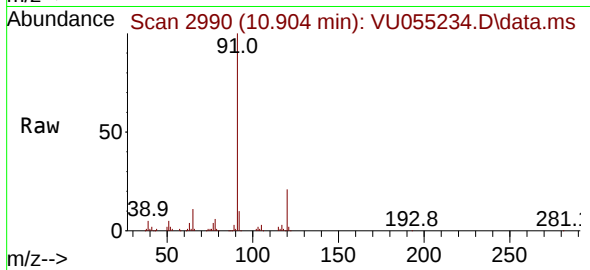
#73
n-propylbenzene
Concen: 1.812 ug/l
RT: 10.904 min Scan# 2975
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion:120 Resp: 40560
Ion Ratio Lower Upper
120 100
91 457.8 369.8 554.6

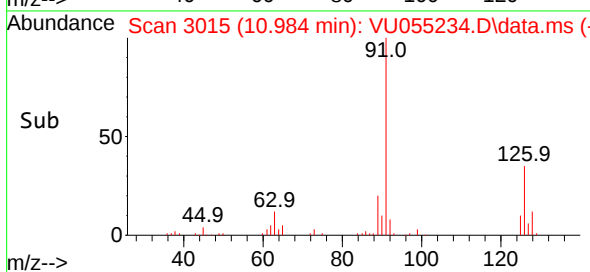
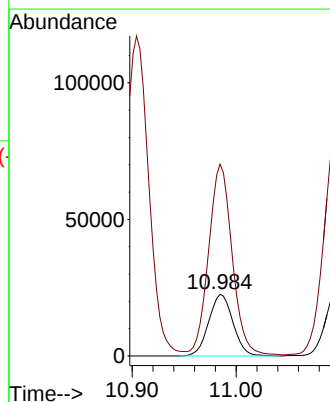
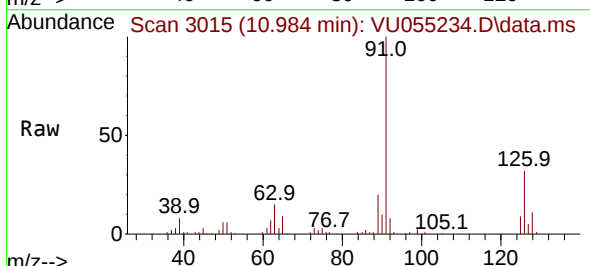
Manual Integrations
APPROVED

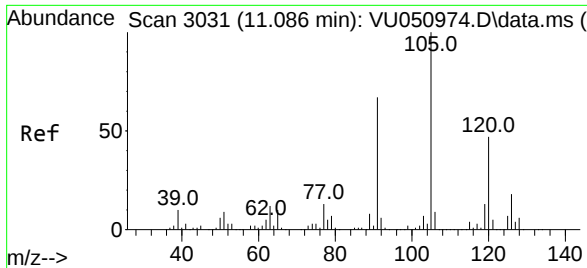
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#74
2-Chlorotoluene
Concen: 1.829 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:126 Resp: 36557
Ion Ratio Lower Upper
126 100
91 301.8 0.0 610.0





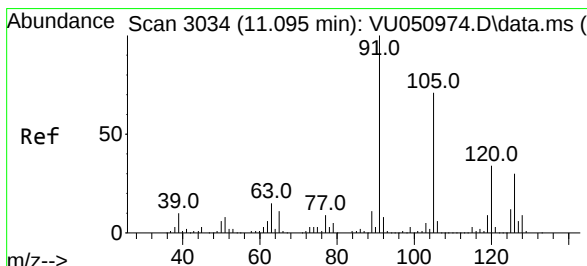
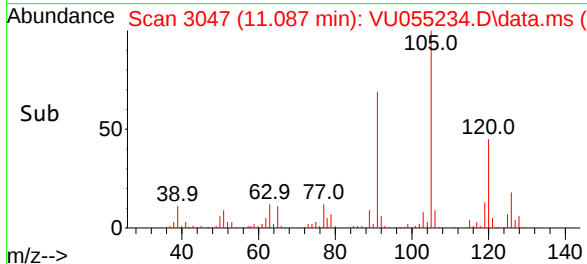
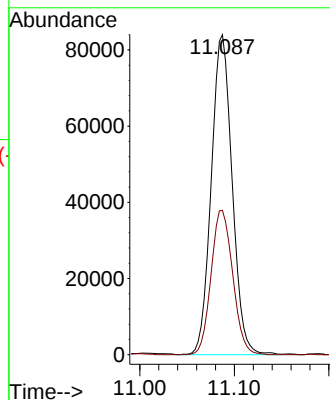
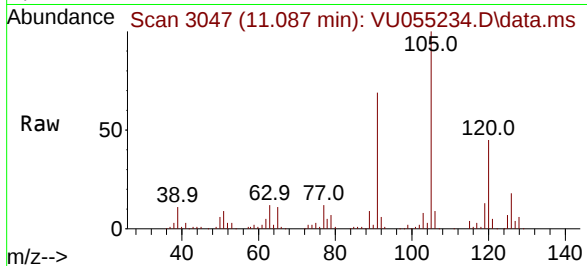
#75
1,3,5-Trimethylbenzene
Concen: 1.817 ug/l
RT: 11.087 min Scan# 3031
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion:105 Resp: 12888
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

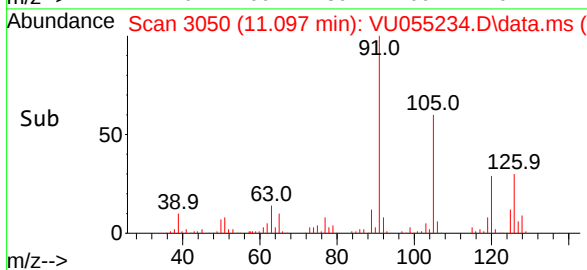
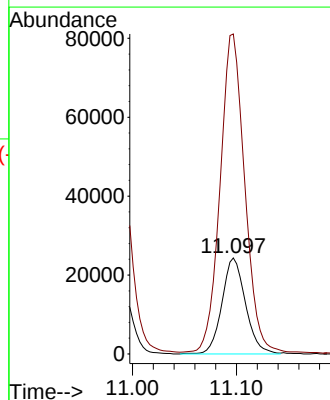
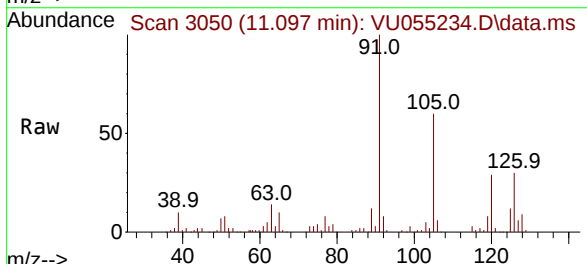
Manual Integrations
APPROVED

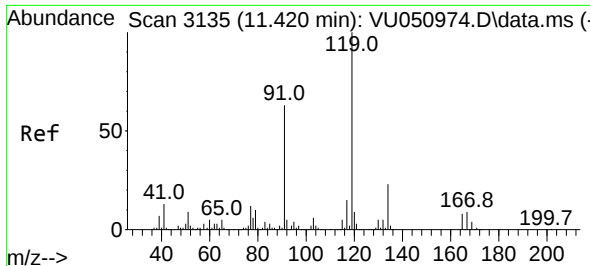
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#76
4-Chlorotoluene
Concen: 1.868 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

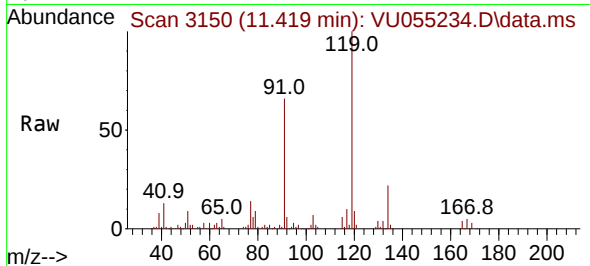
Tgt Ion:126 Resp: 38335
Ion Ratio Lower Upper
126 100
91 349.0 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.832 ug/l
RT: 11.419 min Scan# 3115
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

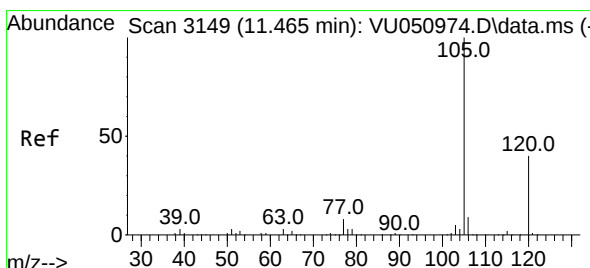
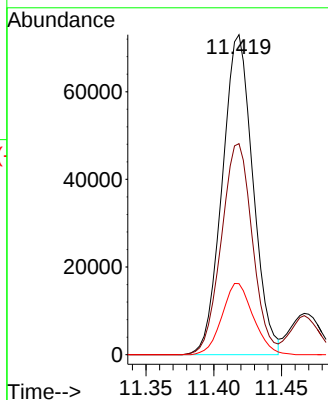
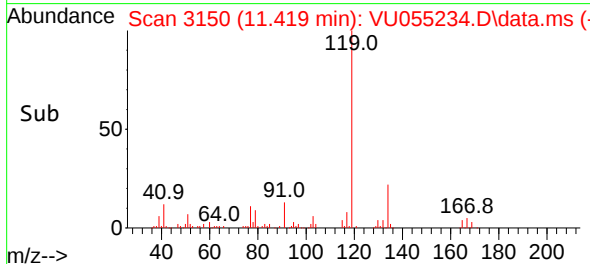
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



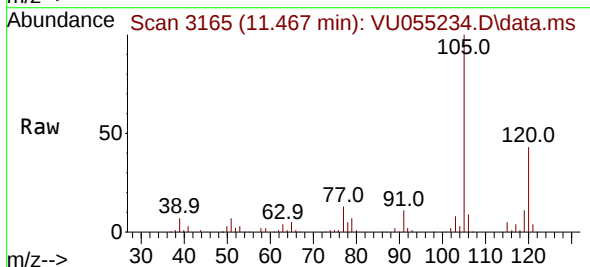
Tgt Ion:119 Resp: 11488
Ion Ratio Lower Upper
119 100
91 67.0 30.8 92.4
134 22.7 18.0 27.0

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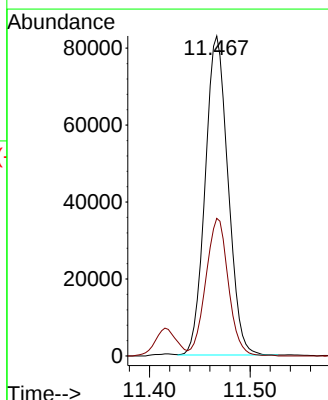
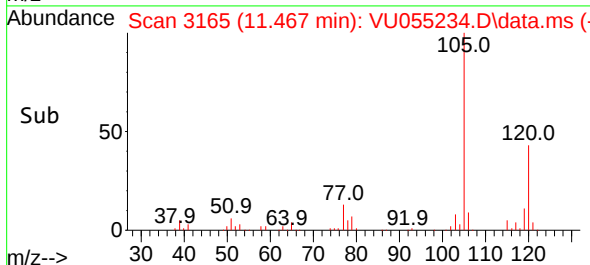
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

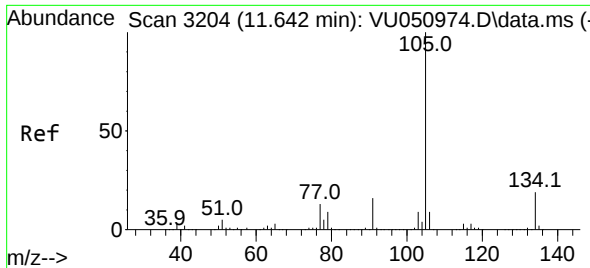


#78
1,2,4-Trimethylbenzene
Concen: 1.822 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12



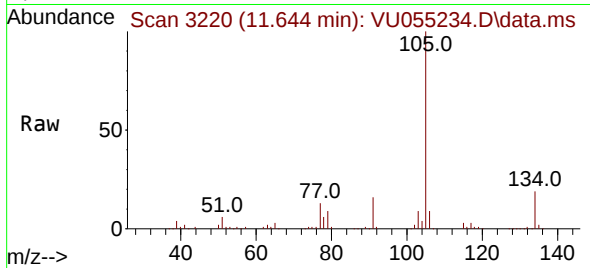
Tgt Ion:105 Resp: 130955
Ion Ratio Lower Upper
105 100
120 42.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.811 ug/l
 RT: 11.644 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VU055234.D
 Acq: 11 Sep 2023 14:12

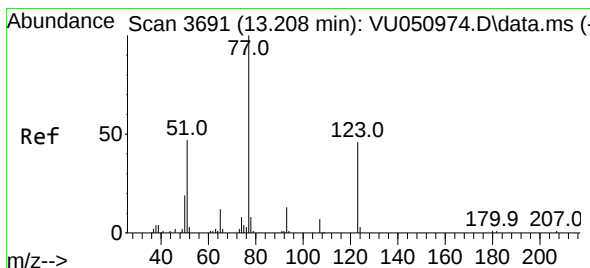
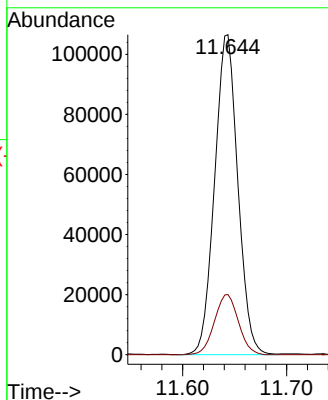
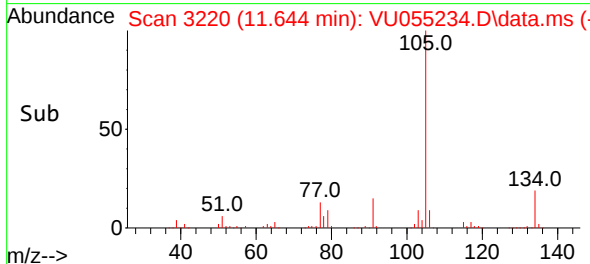
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01



Tgt Ion:105 Resp: 16534
 Ion Ratio Lower Upper
 105 100
 134 19.4 14.9 22.3

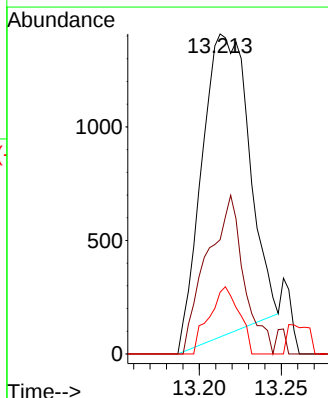
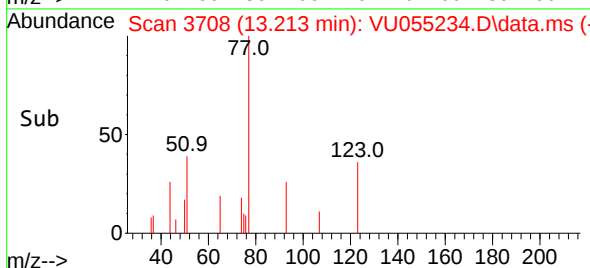
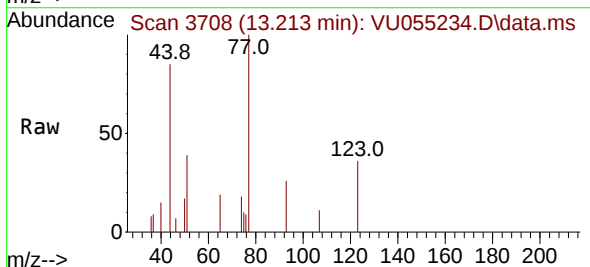
Manual Integrations
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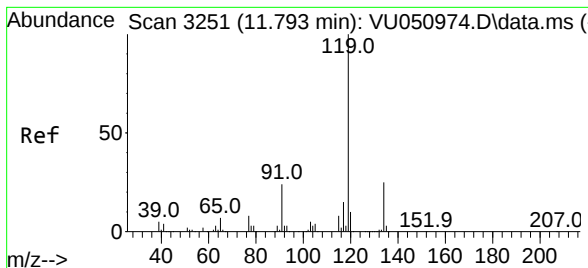
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#80
 Nitrobenzene
 Concen: 8.558 ug/l
 RT: 13.213 min Scan# 3708
 Delta R.T. 0.005 min
 Lab File: VU055234.D
 Acq: 11 Sep 2023 14:12

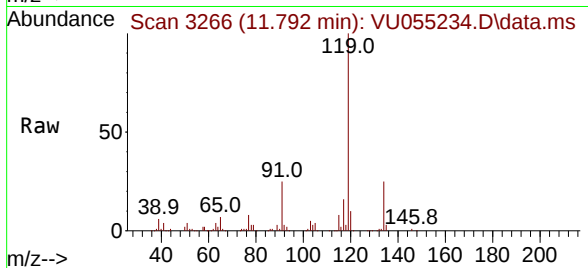
Tgt Ion: 77 Resp: 2660
 Ion Ratio Lower Upper
 77 100
 123 41.0 19.7 69.7
 65 14.1 11.5 14.7





#81
p-Isopropyltoluene
Concen: 1.739 ug/l
RT: 11.792 min Scan# 31
Delta R.T. -0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

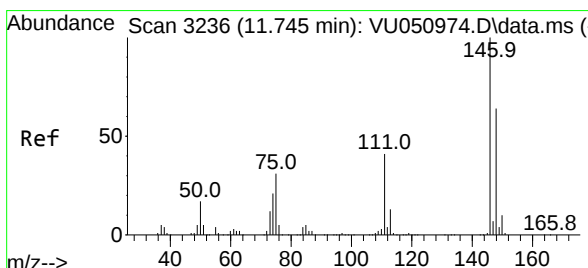
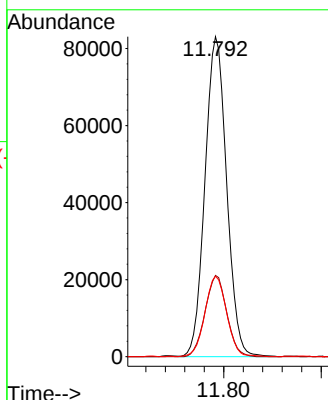
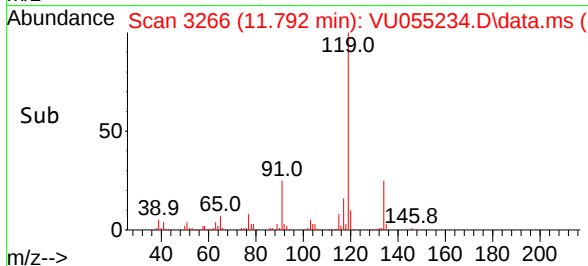
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



Tgt Ion:119 Resp: 12820
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.4
91 25.2 19.3 28.9

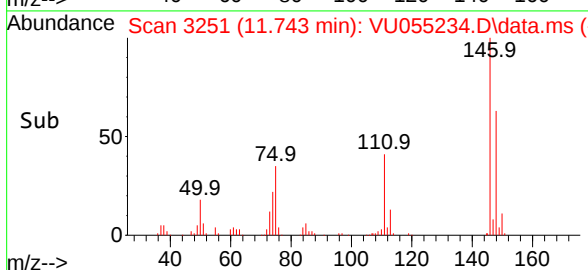
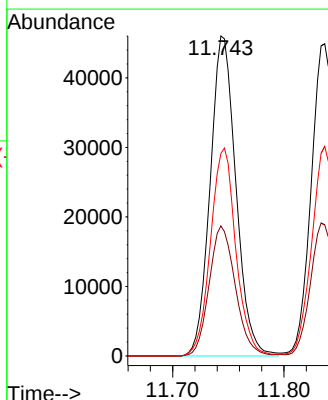
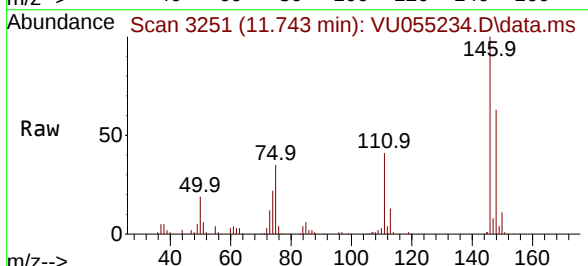
Manual Integrations
APPROVED

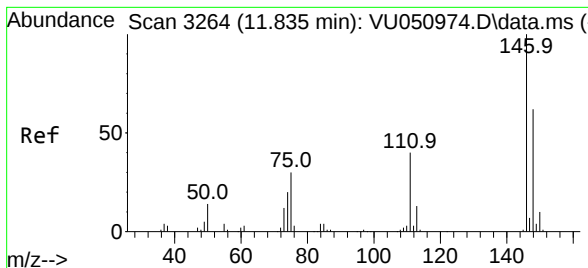
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#82
1,3-Dichlorobenzene
Concen: 1.819 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.002 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:146 Resp: 73982
Ion Ratio Lower Upper
146 100
111 41.3 32.6 49.0
148 64.2 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 1.867 ug/l

RT: 11.837 min Scan# 31

Delta R.T. 0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

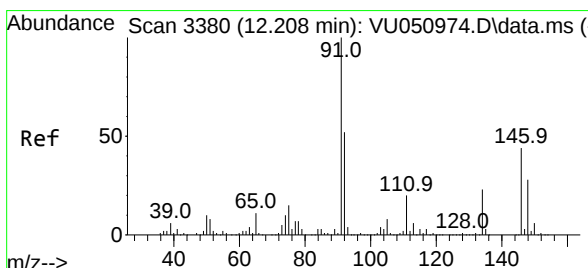
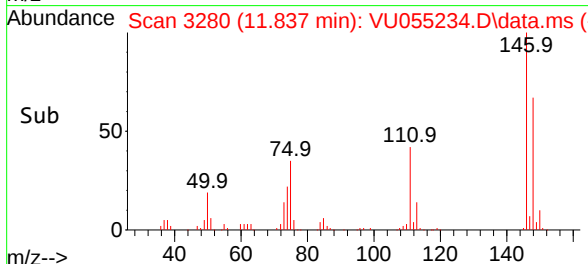
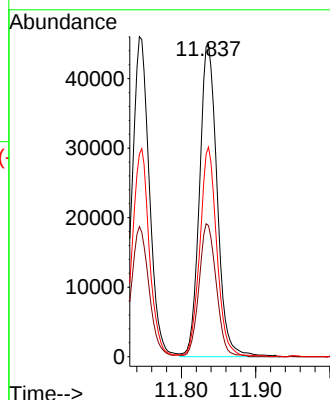
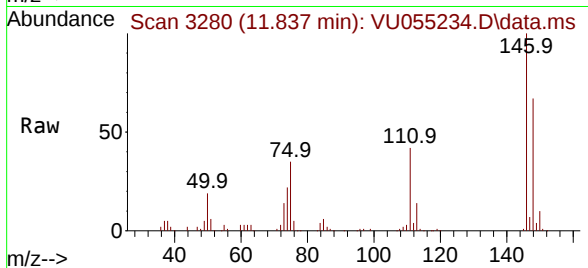
Tgt Ion:	146	Resp:	7437
Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.6	47.4
148	64.8	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#84

n-Butylbenzene

Concen: 1.791 ug/l

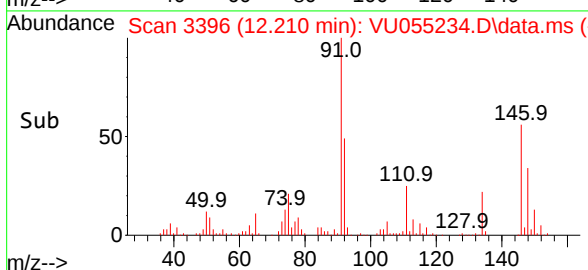
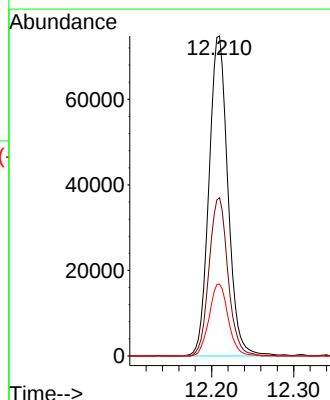
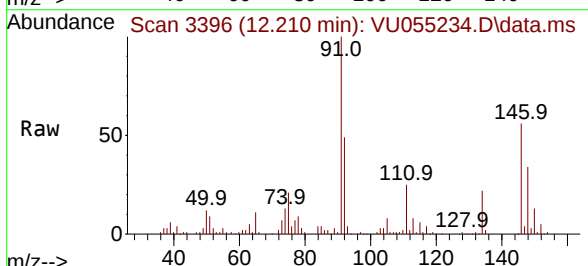
RT: 12.210 min Scan# 3396

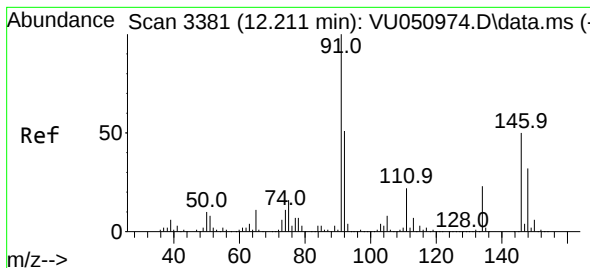
Delta R.T. 0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Tgt Ion:	91	Resp:	119992
Ion	Ratio	Lower	Upper
91	100		
92	49.5	40.8	61.2
134	22.6	18.4	27.6





#85

1,2-Dichlorobenzene

Concen: 1.917 ug/l

RT: 12.213 min Scan# 31

Delta R.T. 0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

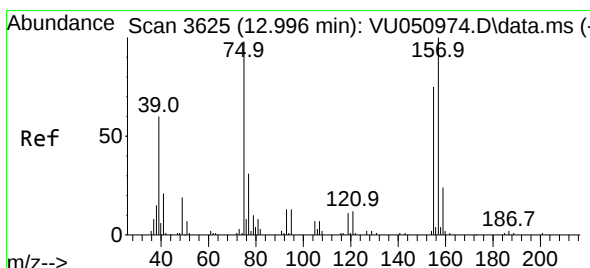
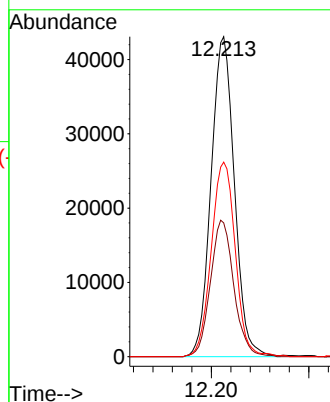
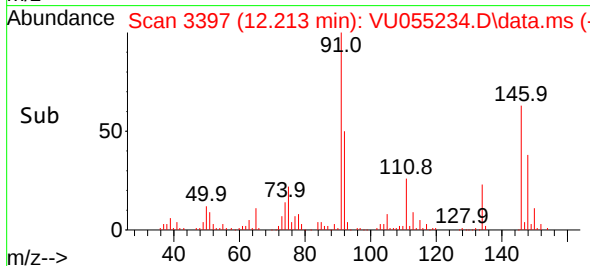
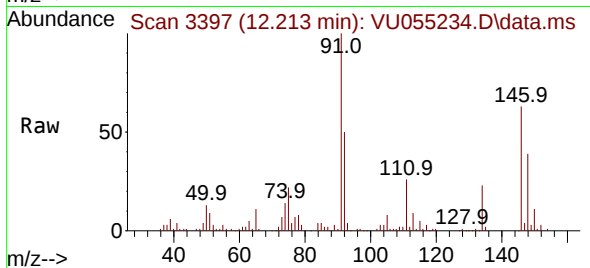
Tgt Ion:	146	Resp:	71490
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.6	64.6
148	62.8	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.803 ug/l

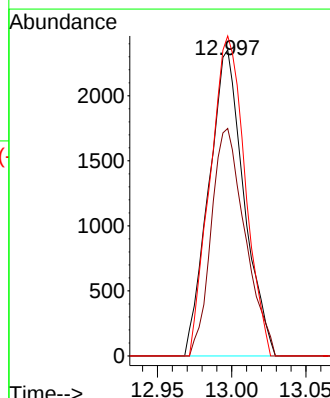
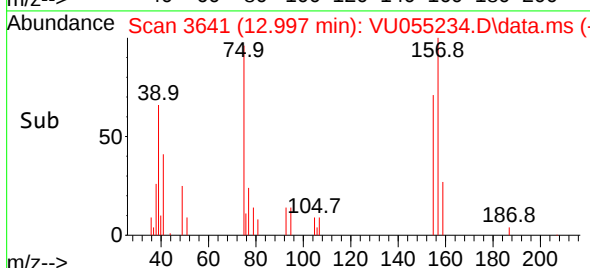
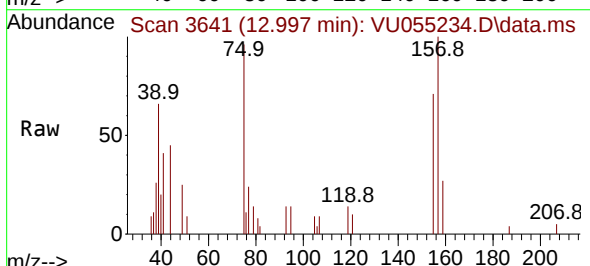
RT: 12.997 min Scan# 3641

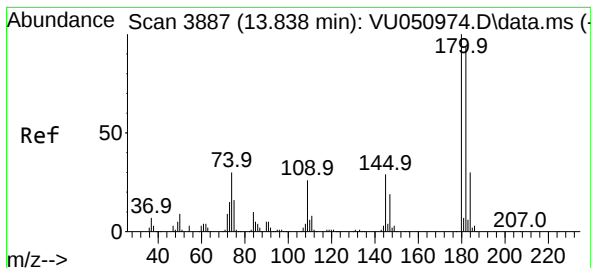
Delta R.T. 0.001 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Tgt Ion:	75	Resp:	3875
Ion Ratio	Lower	Upper	
75	100		
155	71.6	61.8	92.8
157	103.4	80.2	120.4





#87

1,2,4-Trichlorobenzene

Concen: 1.868 ug/l

RT: 13.840 min Scan# 3903

Delta R.T. 0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

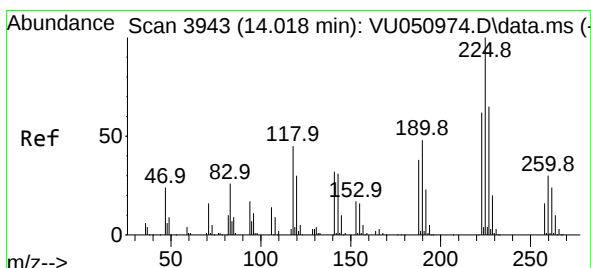
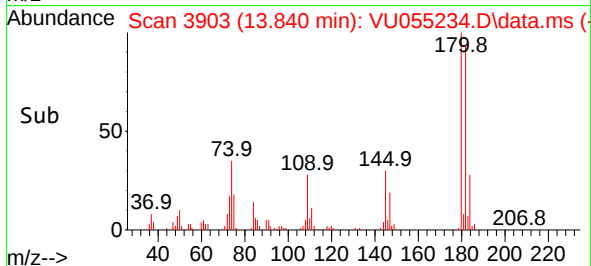
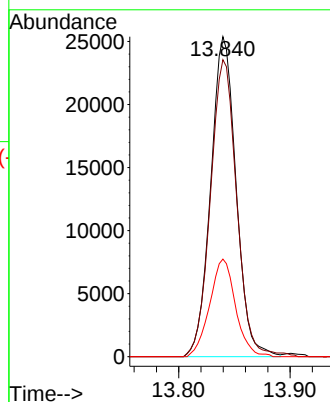
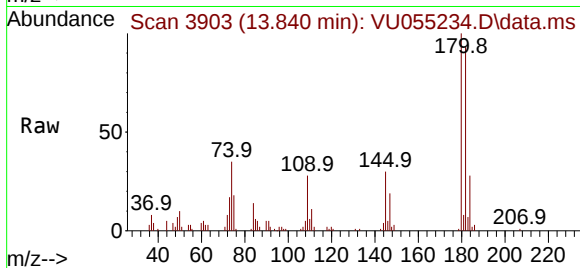
Tgt Ion:	180	Resp:	4017
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.8	113.6
145	31.1	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

Hexachlorobutadiene

Concen: 1.785 ug/l

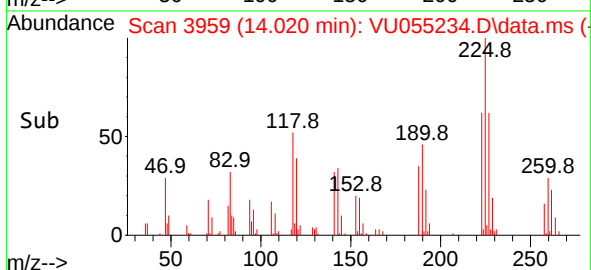
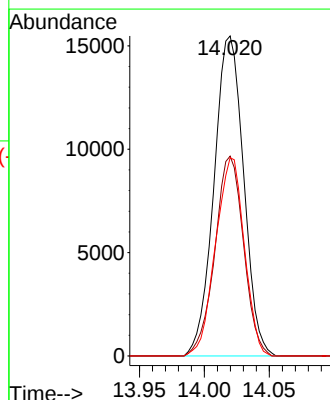
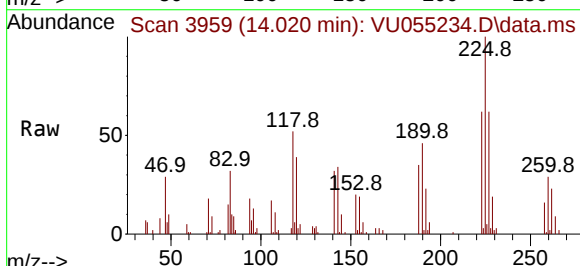
RT: 14.020 min Scan# 3959

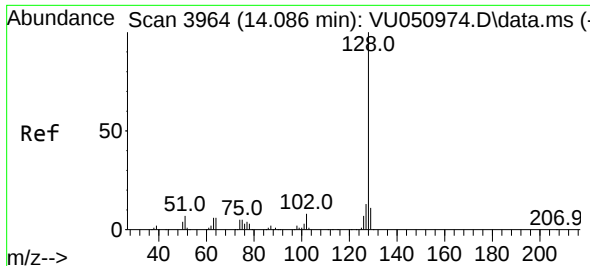
Delta R.T. 0.002 min

Lab File: VU055234.D

Acq: 11 Sep 2023 14:12

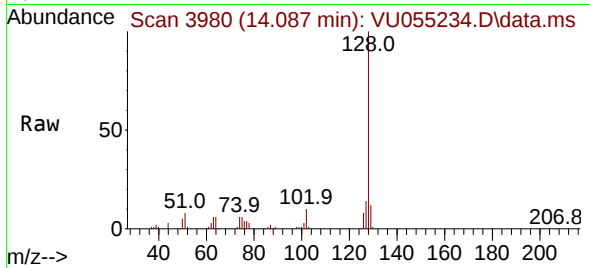
Tgt Ion:	225	Resp:	24556
Ion Ratio	Lower	Upper	
225	100		
223	60.4	50.2	75.4
227	59.9	51.5	77.3





#89
Naphthalene
Concen: 2.063 ug/l
RT: 14.087 min Scan# 3964
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

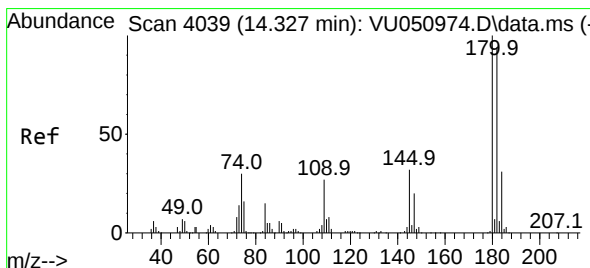
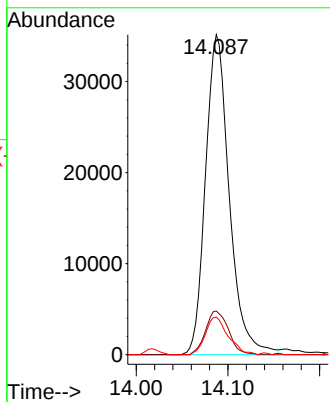
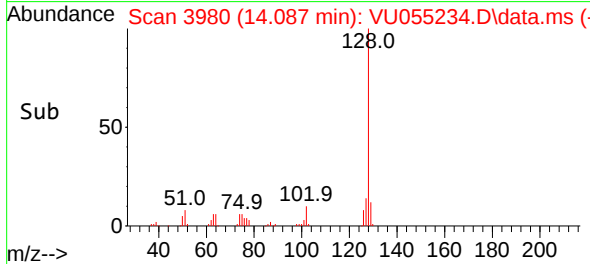
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01



Tgt Ion:128 Resp: 63350
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 11.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.839 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.001 min
Lab File: VU055234.D
Acq: 11 Sep 2023 14:12

Tgt Ion:180 Resp: 34287
Ion Ratio Lower Upper
180 100
182 95.9 75.7 113.5
145 34.9 26.1 39.1

