

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055800.D
 Acq On : 18 Oct 2023 15:55
 Operator : MD/SY
 Sample : VU1018WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 19 03:41:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 03:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	100581	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	38369	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	37277	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	77680	1.989	ug/l	100
3) Chloromethane	1.518	50	71400	2.139	ug/l	97
4) Vinyl Chloride	1.602	62	72729	2.126	ug/l	98
5) Bromomethane	1.856	94	43576	2.314	ug/l	98
6) Chloroethane	1.930	64	35192	2.124	ug/l	99
7) Trichlorofluoromethane	2.136	101	93610	2.075	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	61790	2.054	ug/l	95
9) 1,1-Dichloroethene	2.579	96	59660	2.127	ug/l	88
10) Iodomethane	2.718	142	81352	1.946	ug/l	97
11) Allyl Chloride	2.920	41	77499	2.125	ug/l	96
12) Acrylonitrile	3.325	53	22064	4.186	ug/l	98
13) Acetone	2.634	43	103476	9.201	ug/l	98
14) Carbon Disulfide	2.792	76	190296	2.078	ug/l	99
15) Methylene Chloride	3.042	84	80306	2.427	ug/l	91
16) trans-1,2-Dichloroethene	3.351	96	63249	2.127	ug/l	96
17) 1,1-Dichloroethane	3.866	63	119852	2.167	ug/l	99
18) 2-Butanone	4.711	43	109226	9.015	ug/l	96
19) Cyclohexane	5.386	56	96243m	2.040	ug/l	
20) Methylcyclohexane	6.759	83	98444	2.009	ug/l	98
21) 2,2-Dichloropropane	4.660	77	96943	2.082	ug/l	99
22) cis-1,2-Dichloroethene	4.666	96	67940	2.144	ug/l	97
23) Diethyl Ether	2.374	59	35304	2.105	ug/l	96
24) tert-Butyl Alcohol	3.213	59	36671m	21.319	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	130978	2.170	ug/l	98
26) Bromochloromethane	4.972	128	29621	2.205	ug/l	96
27) Chloroform	5.084	83	121303	2.138	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	111148	2.186	ug/l	95
29) 1,1-Dichloropropene	5.525	75	85352	2.119	ug/l	97
30) Carbon Tetrachloride	5.521	117	93232	2.100	ug/l	99
31) Isopropyl Ether	3.988	45	162339	2.185	ug/l	94
32) Ethyl-t-butyl ether	4.496	59	153760	2.144	ug/l	97
33) Tert-Amyl methyl ether	5.936	73	129179	2.102	ug/l	97
34) Propionitrile	4.788	54	20994	10.952	ug/l #	7
35) Benzene	5.772	78	264470	2.167	ug/l	98
36) 1,2-Dichloroethane	5.792	62	71625	2.162	ug/l	100
37) Trichloroethene	6.541	130	68481	2.157	ug/l	95
38) 1,2-Dichloropropane	6.788	63	70446	2.211	ug/l	98
39) Methacrylonitrile	4.978	41	15493	2.168	ug/l	92
40) Methyl acrylate	4.853	55	22686	2.011	ug/l #	96
41) Tetrahydrofuran	5.065	42	17021	4.203	ug/l	92
42) 1-Chlorobutane	5.454	56	112236	2.090	ug/l	97
43) Dibromomethane	6.917	93	32737	2.162	ug/l	99
44) Bromodichloromethane	7.103	83	86051	2.150	ug/l	96

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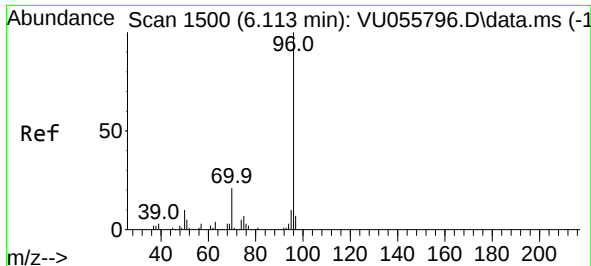
Manual Integrations
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Quant Time: Oct 19 03:41:43 2023
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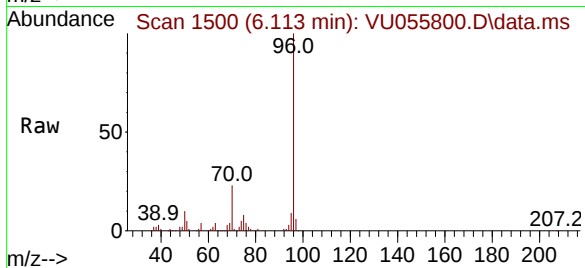
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	159562	10.187	ug/l	98
46) t-1,4-Dichloro-2-butene	10.830	75	25167m	4.039	ug/l	
47) Methyl methacrylate	6.959	69	53112	4.251	ug/l	95
48) Ethyl methacrylate	8.335	69	49022	2.127	ug/l	98
49) Toluene	7.968	92	153900	2.131	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	75049	2.119	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	92752	2.140	ug/l	97
52) 1,1,2-Trichloroethane	8.399	97	47441	2.193	ug/l	97
53) 1,3-Dichloropropane	8.573	76	80242	2.170	ug/l	100
54) 2-Hexanone	8.685	43	154215	8.788	ug/l	99
55) Dibromochloromethane	8.807	129	54862	2.101	ug/l	97
56) 1,2-Dibromoethane	8.923	107	43161	2.184	ug/l	97
58) Tetrachloroethene	8.550	164	69380	2.102	ug/l	94
59) Chlorobenzene	9.444	112	170152	2.133	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	59471	2.092	ug/l	98
61) Pentachloroethane	11.425	117	41674	2.166	ug/l	96
62) Hexachloroethane	12.473	117	40367	2.105	ug/l	97
63) Ethyl Benzene	9.570	91	283446	2.094	ug/l	100
64) m/p-Xylenes	9.692	106	218836	4.206	ug/l	97
65) o-Xylene	10.097	106	109031	2.136	ug/l	96
66) Styrene	10.113	104	172217	2.157	ug/l	97
67) Bromoform	10.287	173	30116	2.147	ug/l	98
69) Isopropylbenzene	10.483	105	277374	2.110	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	54792	2.166	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	41067m	1.959	ug/l	
72) Bromobenzene	10.778	156	65769	2.097	ug/l	96
73) n-propylbenzene	10.904	120	71336	2.092	ug/l	92
74) 2-Chlorotoluene	10.984	126	67177	2.132	ug/l	92
75) 1,3,5-Trimethylbenzene	11.084	105	240170	2.123	ug/l	97
76) 4-Chlorotoluene	11.097	126	69750	2.172	ug/l	97
77) tert-Butylbenzene	11.418	119	213594	2.103	ug/l	98
78) 1,2,4-Trimethylbenzene	11.467	105	232062	2.073	ug/l	99
79) sec-Butylbenzene	11.640	105	253179	1.988	ug/l	98
80) Nitrobenzene	13.219	77	5707	9.130	ug/l	95
81) p-Isopropyltoluene	11.791	119	200074	1.968	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	136464	2.132	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	134761	2.175	ug/l	99
84) n-Butylbenzene	12.206	91	164932	1.925	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	125953	2.153	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.997	75	7470	2.069	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	62526	1.991	ug/l	99
88) Hexachlorobutadiene	14.020	225	40977	1.856	ug/l	99
89) Naphthalene	14.087	128	89792	2.049	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	55026	2.037	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU055800.D
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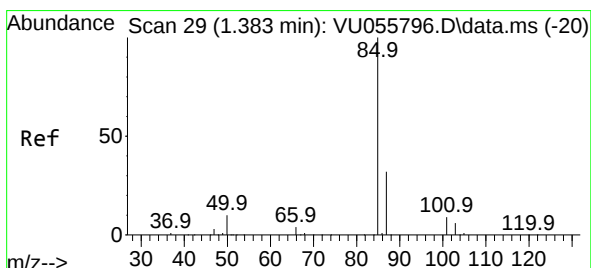
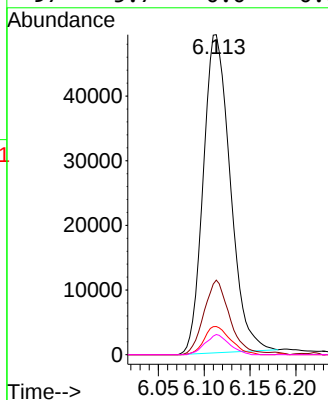
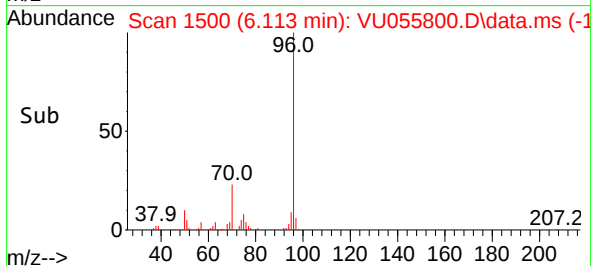
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion: 96 Resp: 10058
Ion Ratio Lower Upper
96 100
70 21.4 16.5 24.7
95 8.7 7.4 11.0
97 5.7 0.0 0.0#

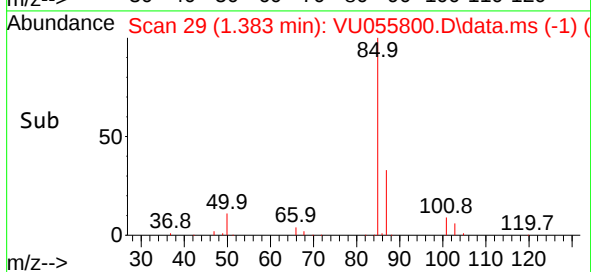
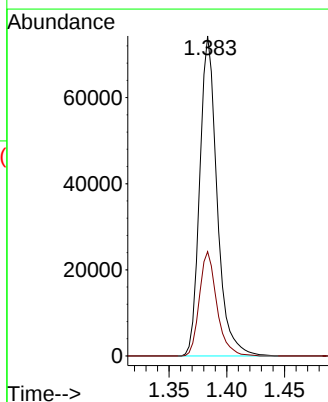
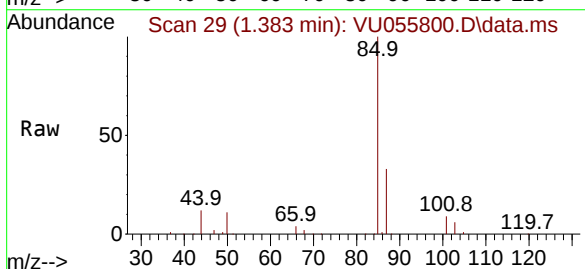
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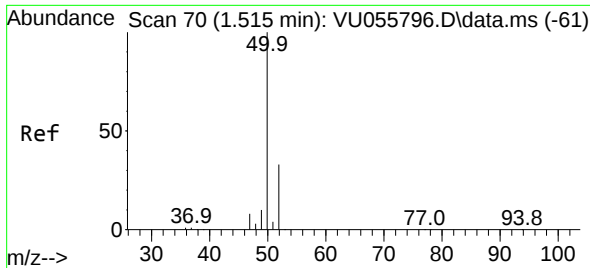
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#2
Dichlorodifluoromethane
Concen: 1.989 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

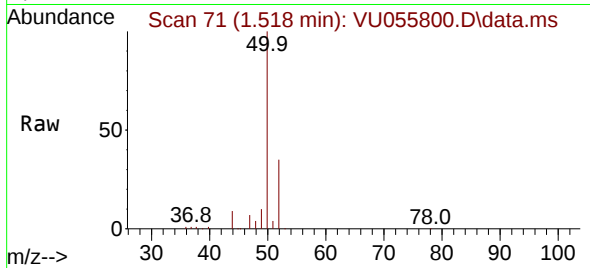
Tgt Ion: 85 Resp: 77680
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 2.139 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

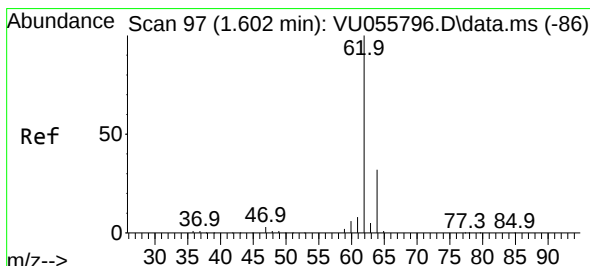
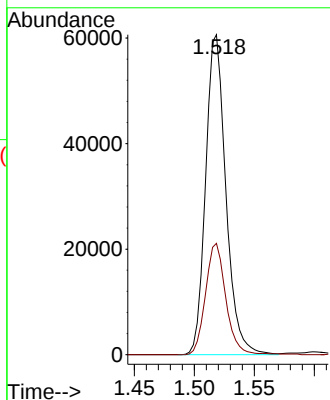
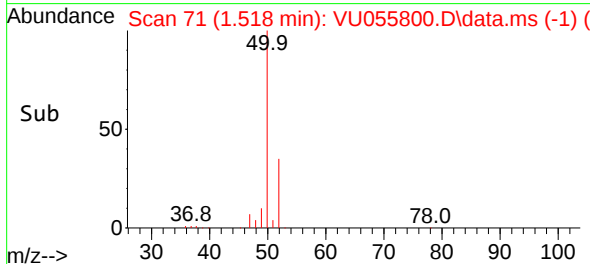
Instrument :
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ClientSampleId :
VU1018WBS01



Tgt Ion: 50 Resp: 71400
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0

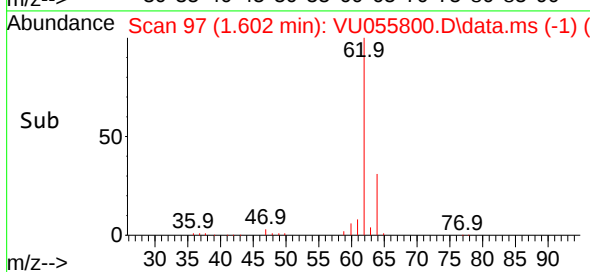
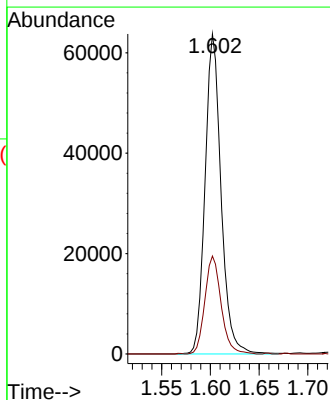
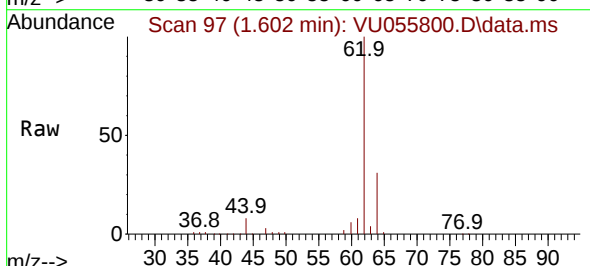
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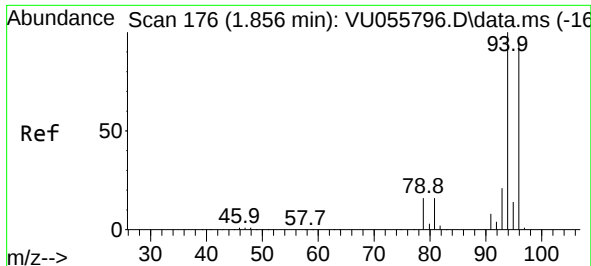
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#4
Vinyl Chloride
Concen: 2.126 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

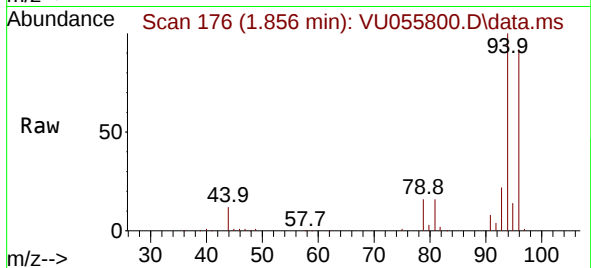
Tgt Ion: 62 Resp: 72729
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.2





#5
Bromomethane
Concen: 2.314 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

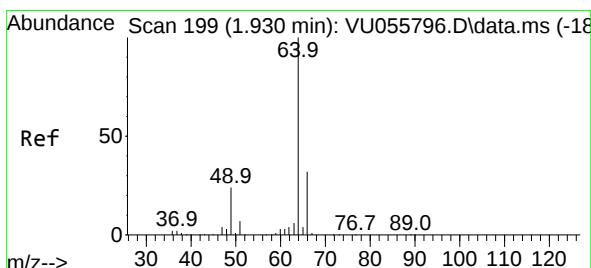
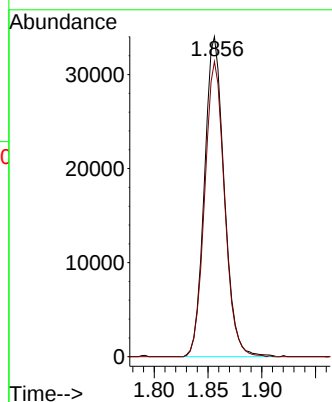
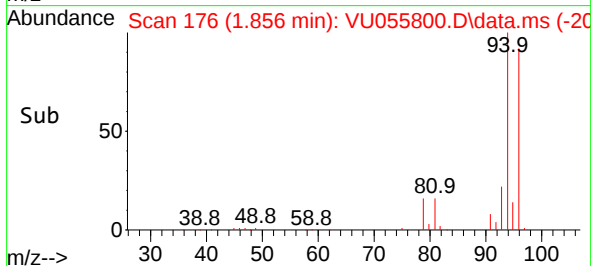
Instrument :
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ClientSampleId :
VU1018WBS01



Tgt Ion: 94 Resp: 43570
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2

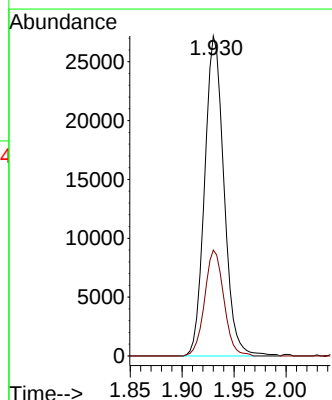
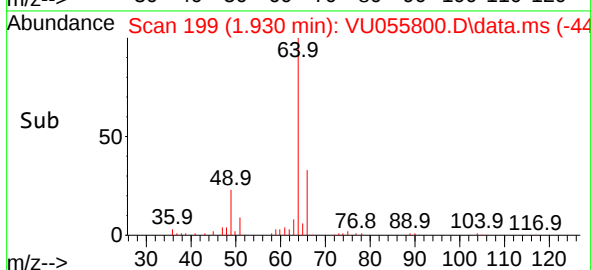
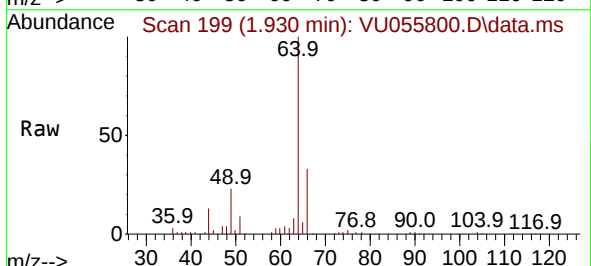
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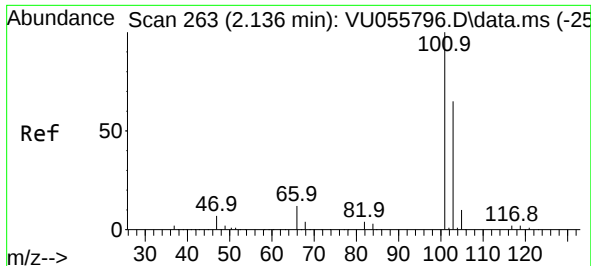
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 2.124 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

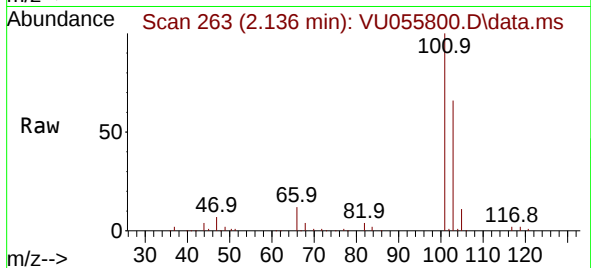
Tgt Ion: 64 Resp: 35192
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0





#7
Trichlorofluoromethane
Concen: 2.075 ug/l
RT: 2.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

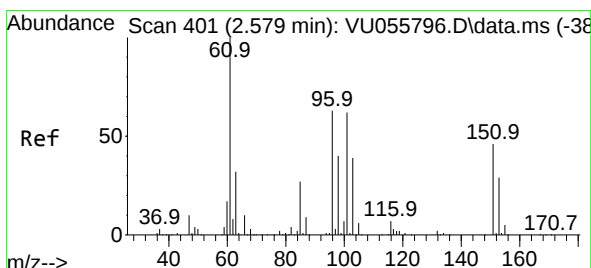
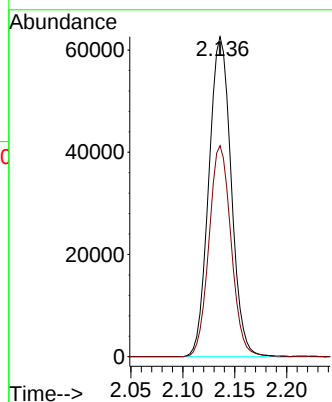
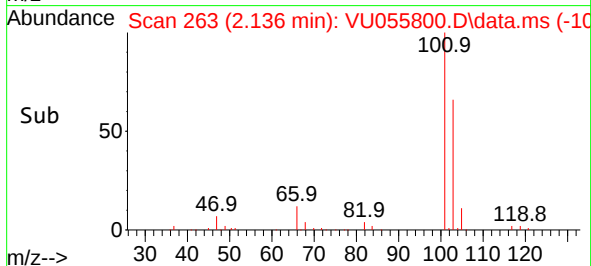
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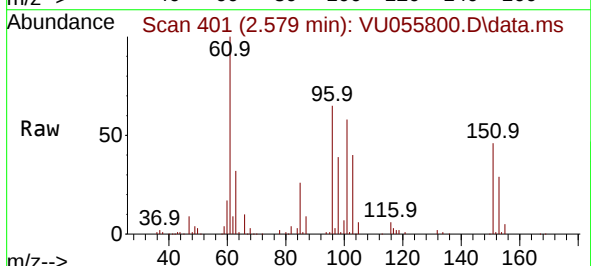
Tgt Ion:101 Resp: 93610
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

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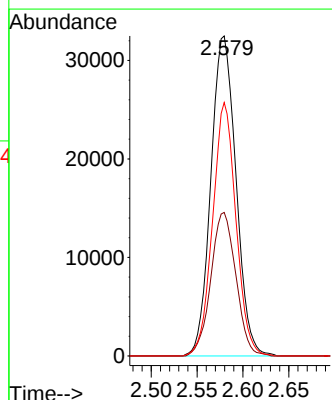
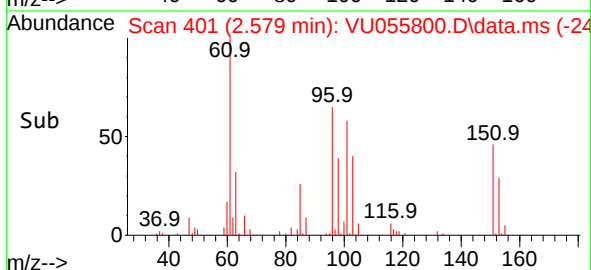
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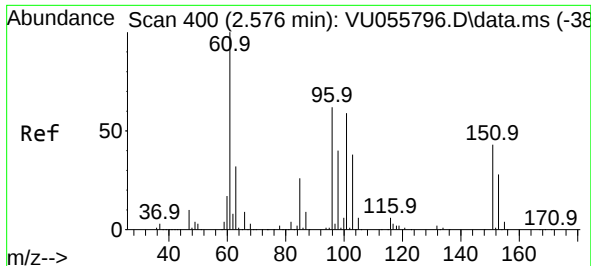


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.054 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion:101 Resp: 61790
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.0
151 73.7 54.0 81.0





#9

1,1-Dichloroethene

Concen: 2.127 ug/l

RT: 2.579 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion: 96 Resp: 59660

Ion Ratio Lower Upper

96 100

61 154.0 0.0 521.4

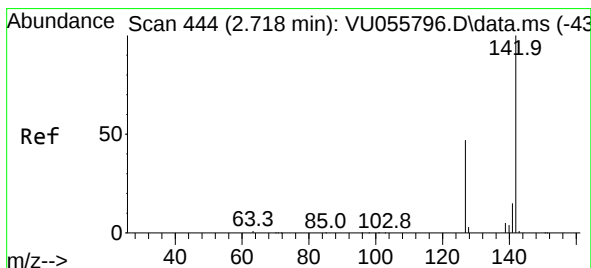
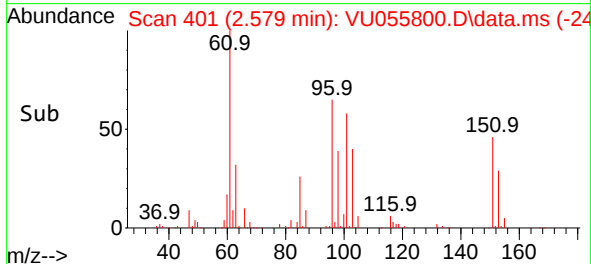
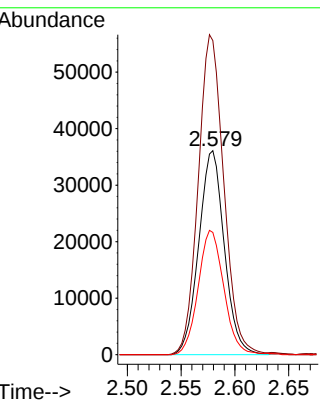
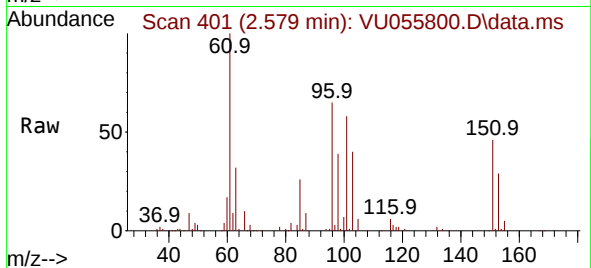
98 59.9 0.0 125.8

Manual Integrations

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#10

Iodomethane

Concen: 1.946 ug/l

RT: 2.718 min Scan# 444

Delta R.T. -0.000 min

Lab File: VU055800.D

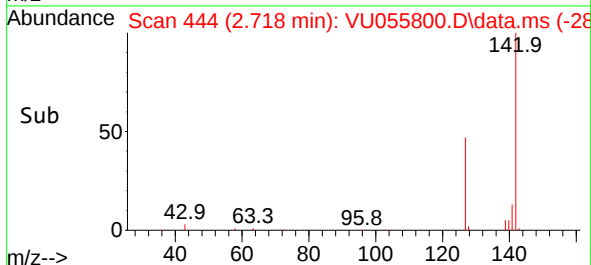
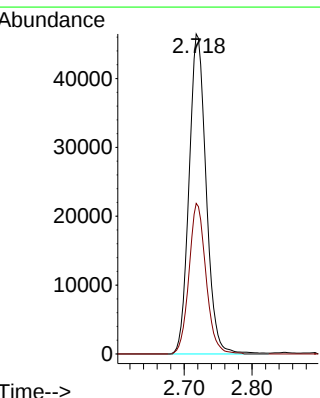
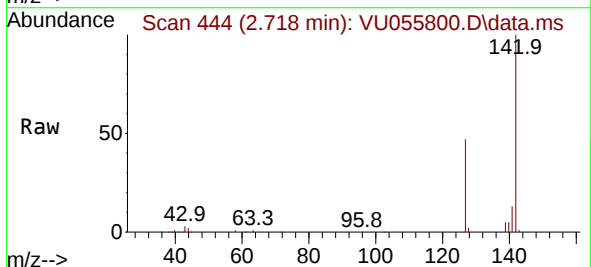
Acq: 18 Oct 2023 15:55

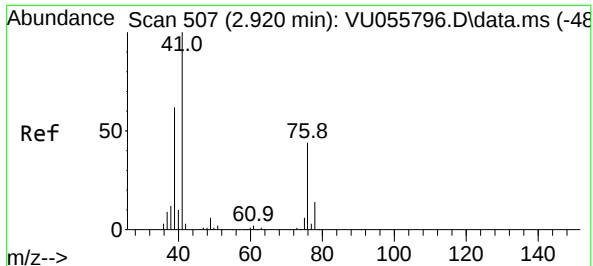
Tgt Ion:142 Resp: 81352

Ion Ratio Lower Upper

142 100

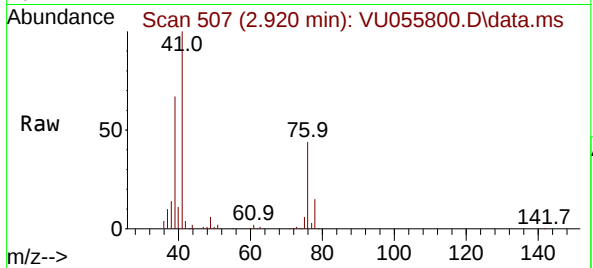
127 46.8 35.9 53.9





#11
 Allyl Chloride
 Concen: 2.125 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55

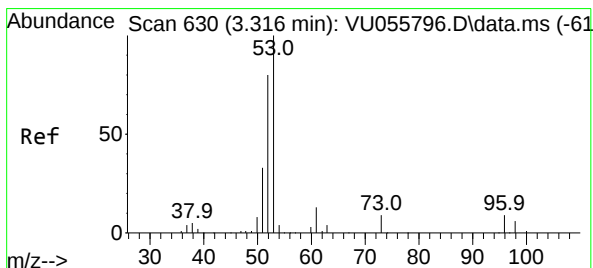
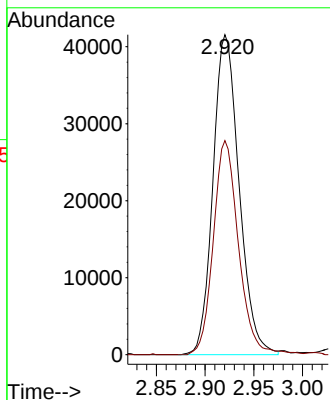
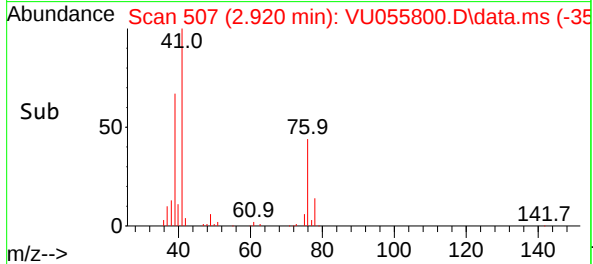
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBS01



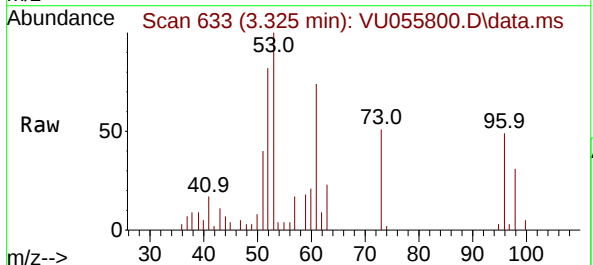
Tgt Ion: 41 Resp: 77499
 Ion Ratio Lower Upper
 41 100
 39 64.6 54.2 81.2

Manual Integrations
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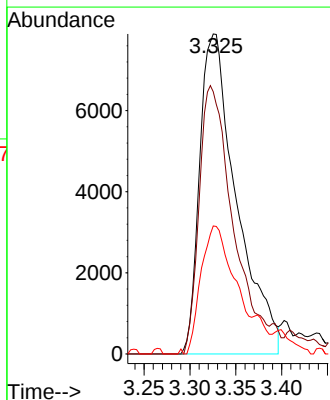
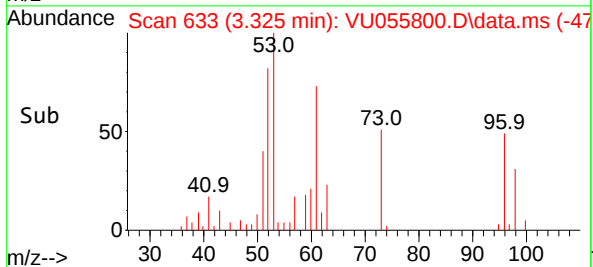
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023

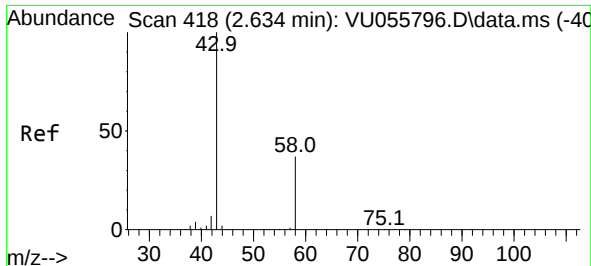


#12
 Acrylonitrile
 Concen: 4.186 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.009 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55



Tgt Ion: 53 Resp: 22064
 Ion Ratio Lower Upper
 53 100
 52 77.2 62.9 94.3
 51 36.5 27.8 41.6





#13

Acetone

Concen: 9.201 ug/l

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion: 43 Resp: 103470

Ion Ratio Lower Upper

43 100

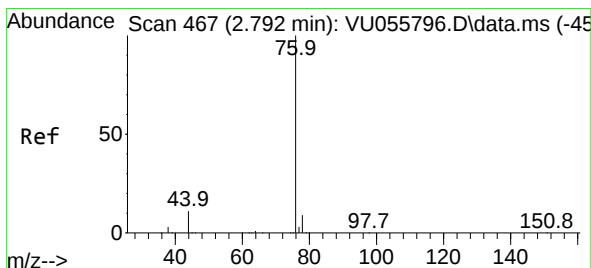
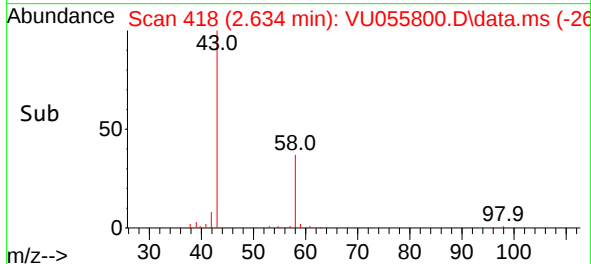
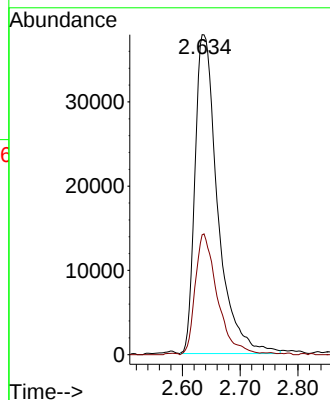
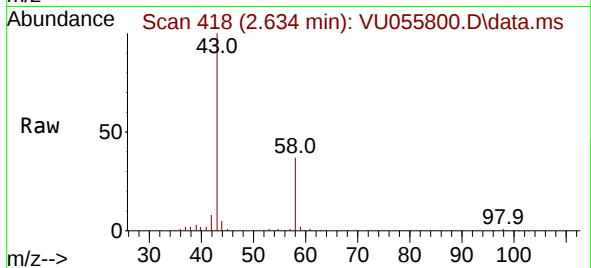
58 37.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#14

Carbon Disulfide

Concen: 2.078 ug/l

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055800.D

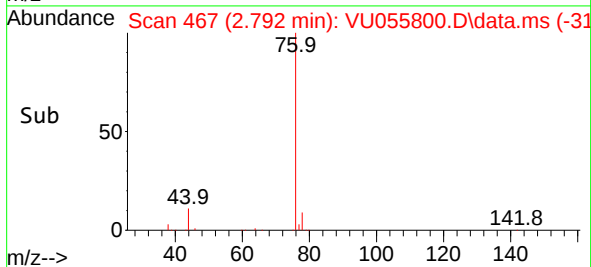
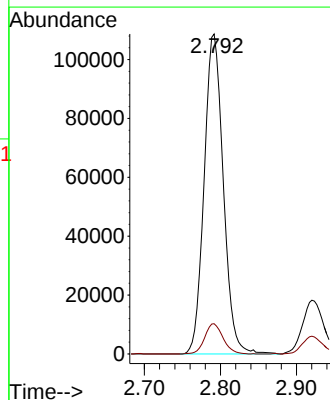
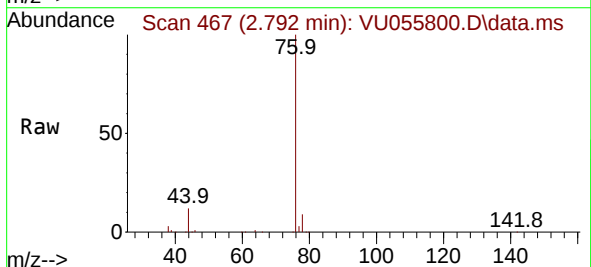
Acq: 18 Oct 2023 15:55

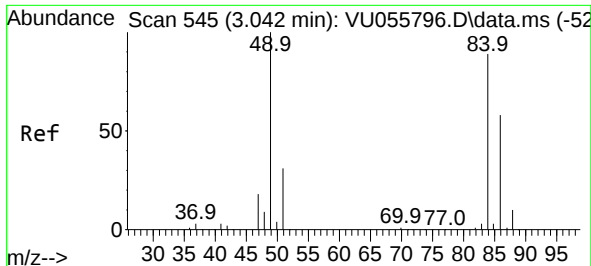
Tgt Ion: 76 Resp: 190296

Ion Ratio Lower Upper

76 100

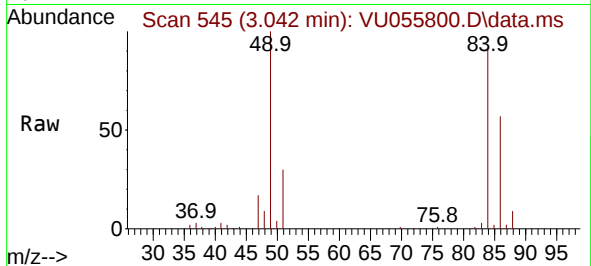
78 9.4 7.4 11.0





#15
Methylene Chloride
Concen: 2.427 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

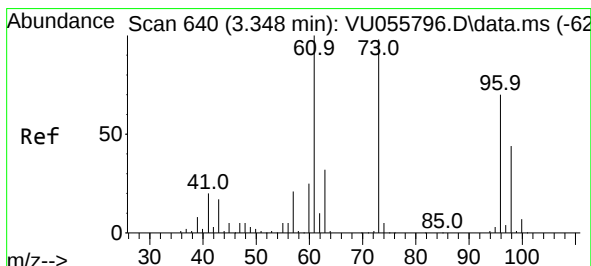
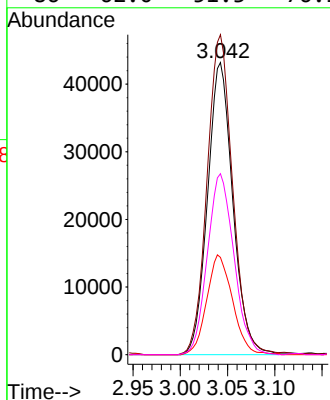
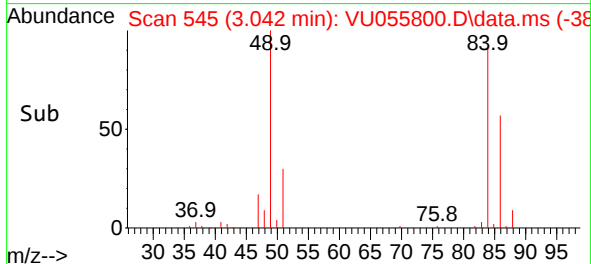
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



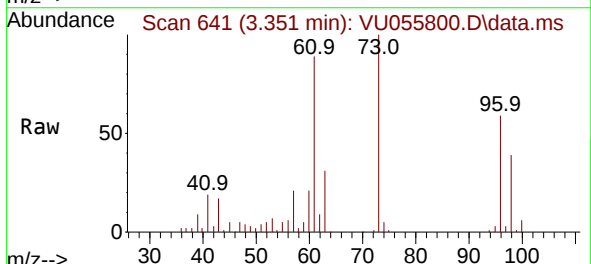
Tgt Ion: 84 Resp: 80300
Ion Ratio Lower Upper
84 100
49 109.5 98.9 148.3
51 33.3 0.0 75.4
86 62.0 51.3 76.9

Manual Integrations
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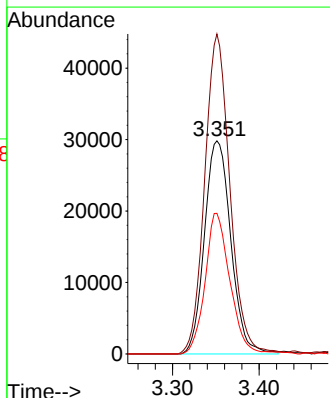
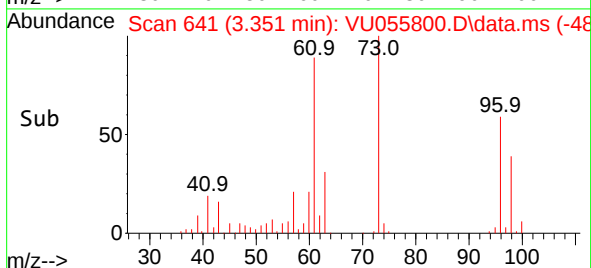
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

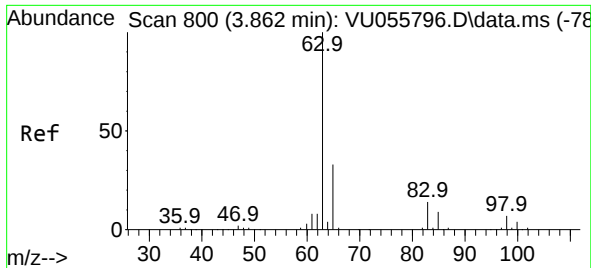


#16
trans-1,2-Dichloroethene
Concen: 2.127 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion: 96 Resp: 63249
Ion Ratio Lower Upper
96 100
61 150.2 117.5 176.3
98 66.0 48.3 72.5





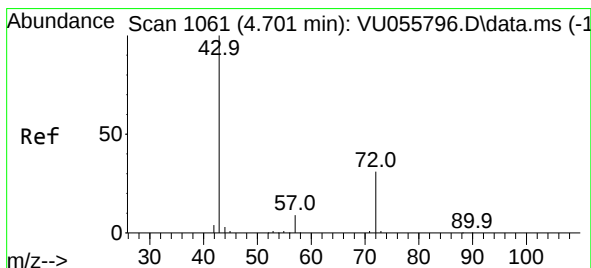
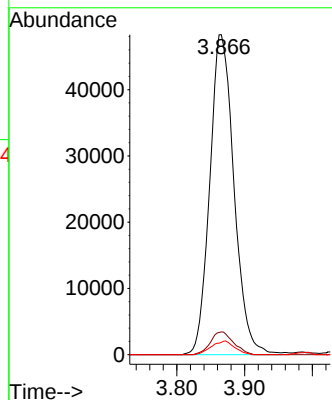
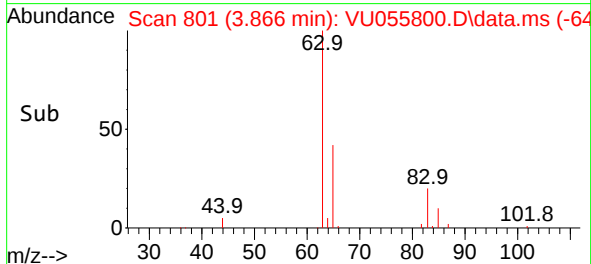
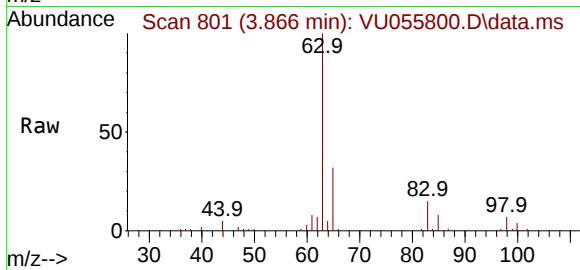
#17
 1,1-Dichloroethane
 Concen: 2.167 ug/l
 RT: 3.866 min Scan# 800
 Delta R.T. 0.004 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBS01

Tgt Ion: 63 Resp: 119852
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 3.8 2.2 6.6

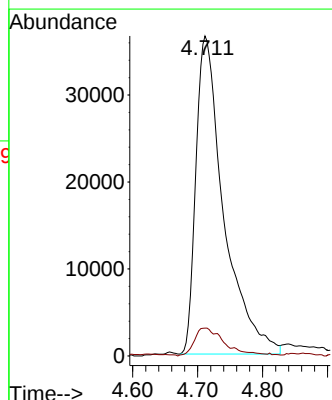
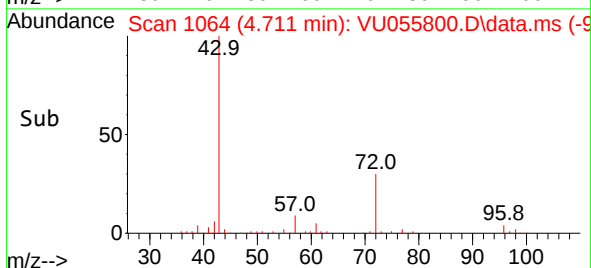
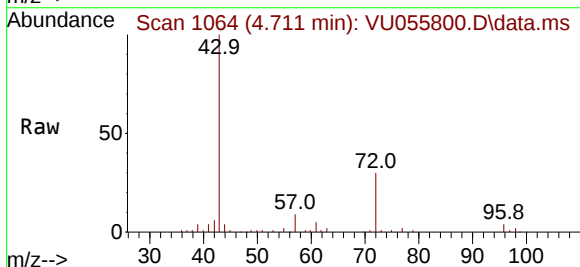
Manual Integrations
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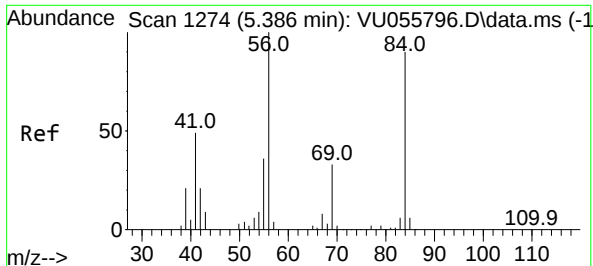
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#18
 2-Butanone
 Concen: 9.015 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.010 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55

Tgt Ion: 43 Resp: 109226
 Ion Ratio Lower Upper
 43 100
 57 8.5 0.0 19.6





#19

Cyclohexane

Concen: 2.040 ug/l m

RT: 5.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion: 56 Resp: 9624

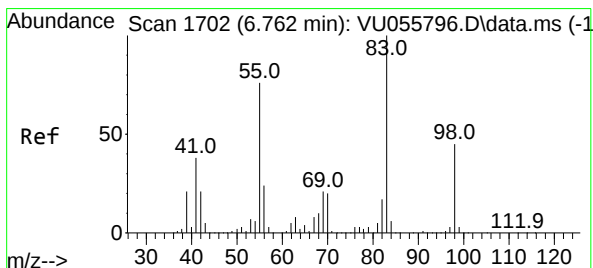
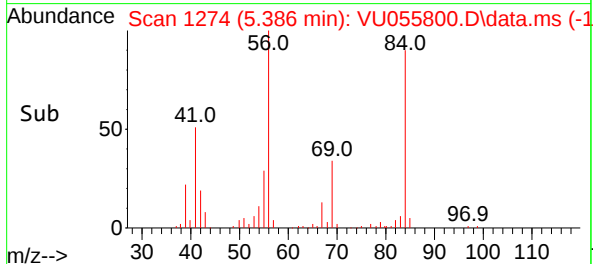
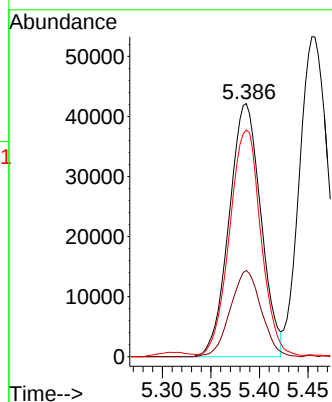
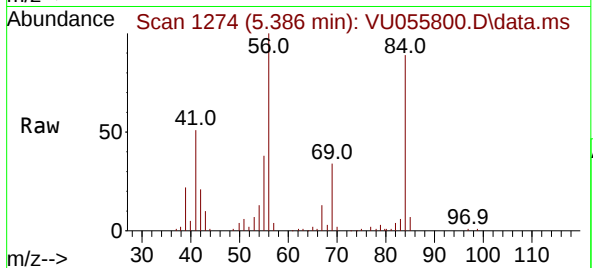
Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.6	37.0
84	86.7	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#20

Methylcyclohexane

Concen: 2.009 ug/l

RT: 6.759 min Scan# 1701

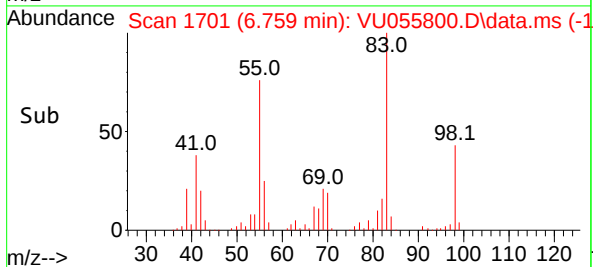
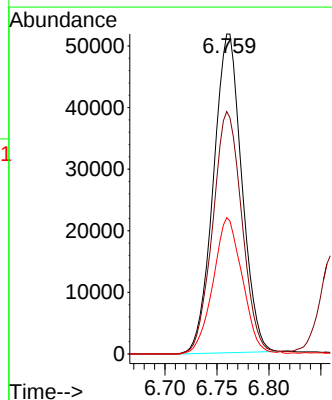
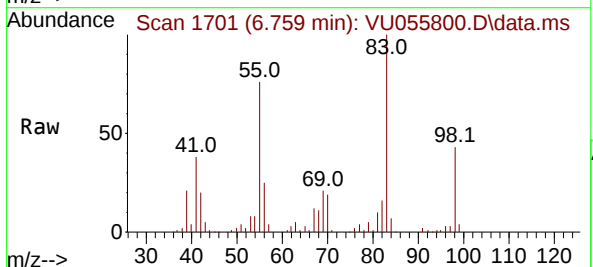
Delta R.T. -0.003 min

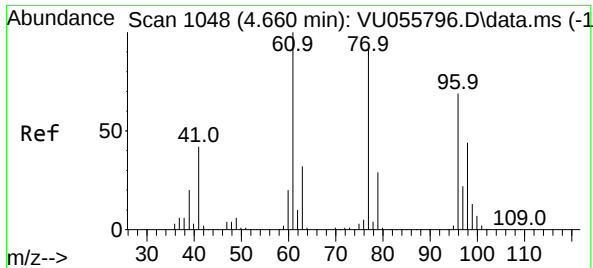
Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Tgt Ion: 83 Resp: 98444

Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.5	95.3
98	43.7	36.0	54.0





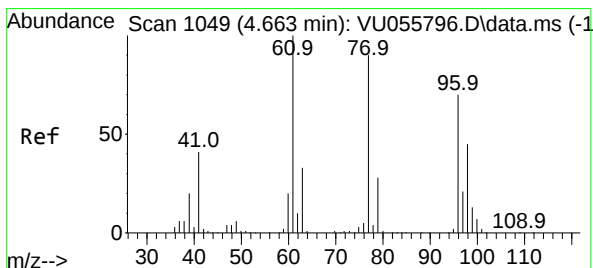
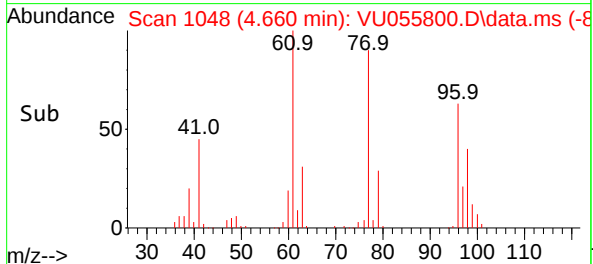
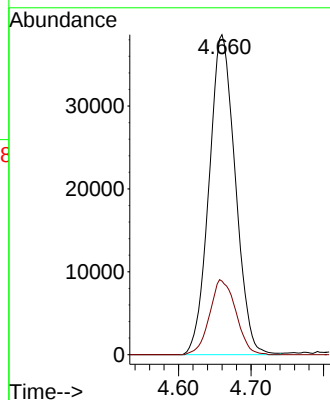
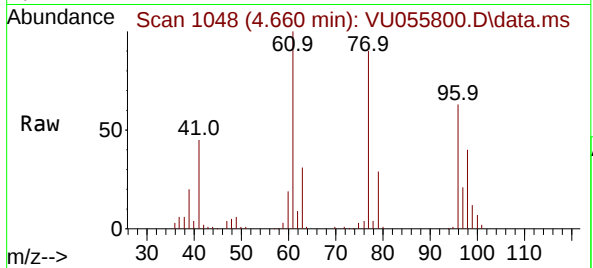
#21
2,2-Dichloropropane
Concen: 2.082 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 77 Resp: 9694
Ion Ratio Lower Upper
77 100
97 23.5 18.4 27.6

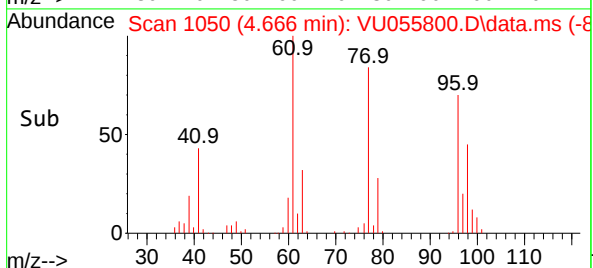
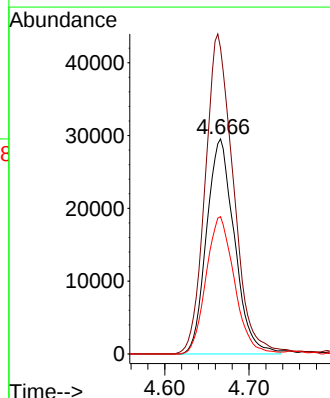
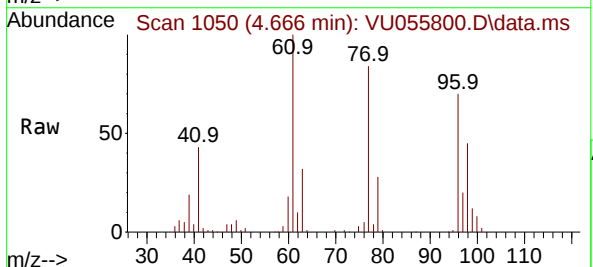
Manual Integrations
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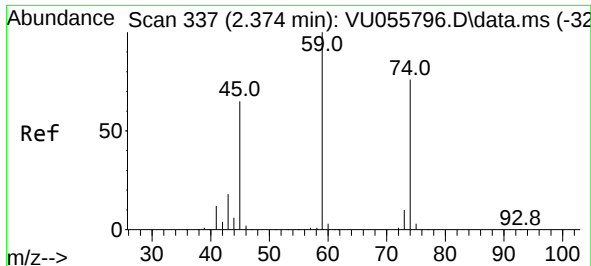
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
cis-1,2-Dichloroethene
Concen: 2.144 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

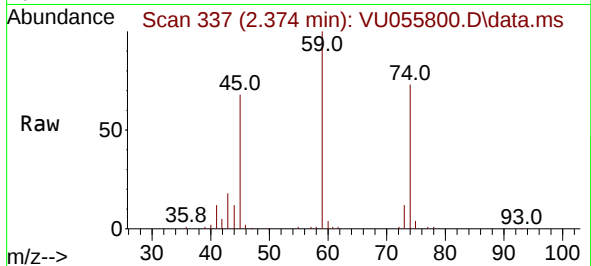
Tgt Ion: 96 Resp: 67940
Ion Ratio Lower Upper
96 100
61 151.5 0.0 365.8
98 64.9 32.0 96.0





#23
Diethyl Ether
Concen: 2.105 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

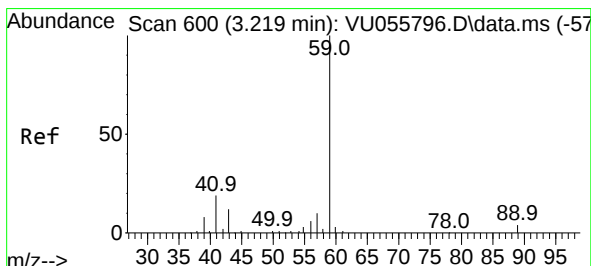
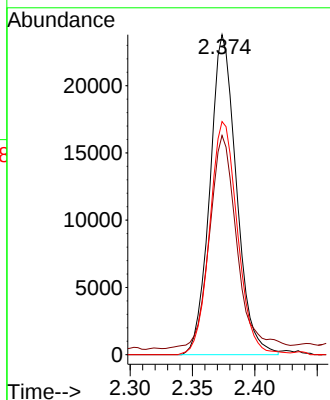
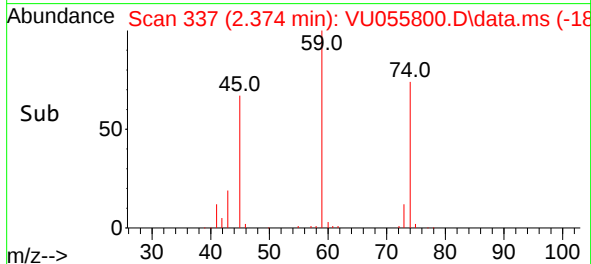
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion: 59 Resp: 35304
Ion Ratio Lower Upper
59 100
45 68.1 56.1 84.1
74 76.4 57.4 86.2

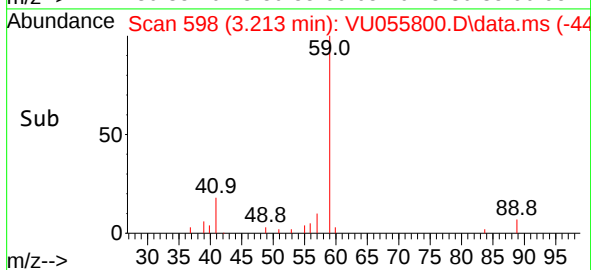
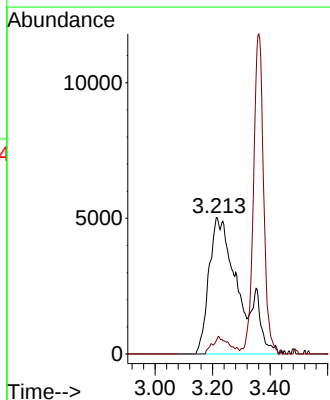
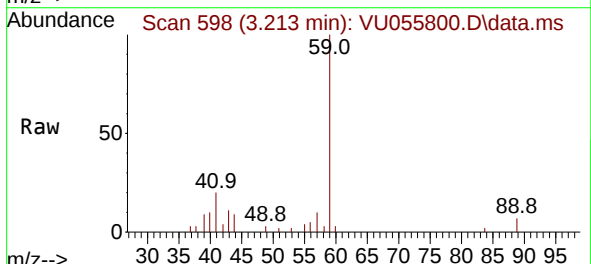
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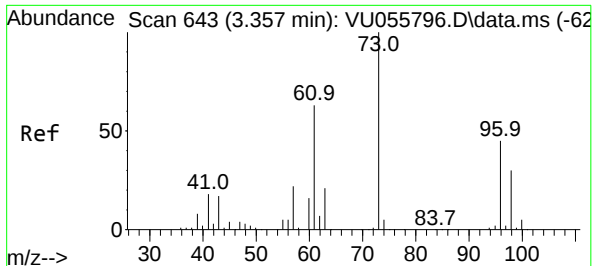
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#24
tert-Butyl Alcohol
Concen: 21.319 ug/l m
RT: 3.213 min Scan# 598
Delta R.T. -0.006 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

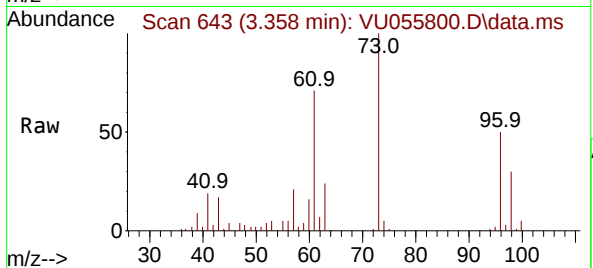
Tgt Ion: 59 Resp: 36671
Ion Ratio Lower Upper
59 100
57 3.6 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 2.170 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

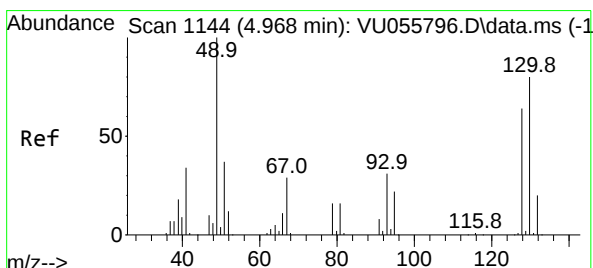
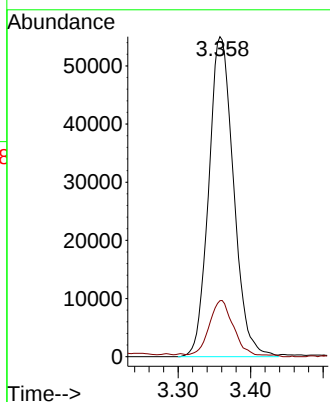
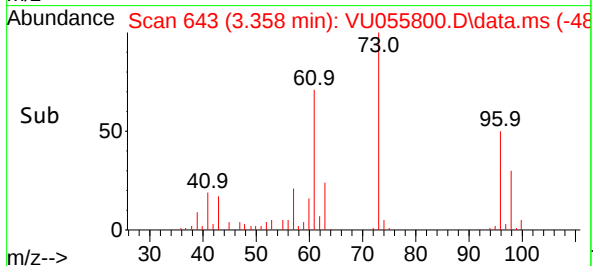
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



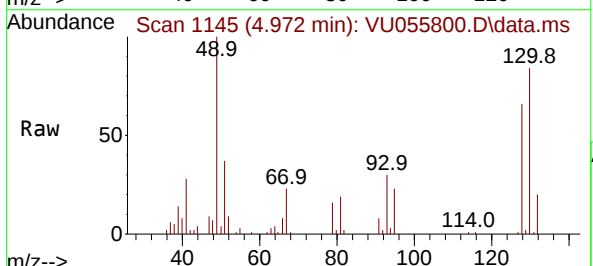
Tgt Ion: 73 Resp: 130978
Ion Ratio Lower Upper
73 100
43 17.7 15.0 22.6

Manual Integrations
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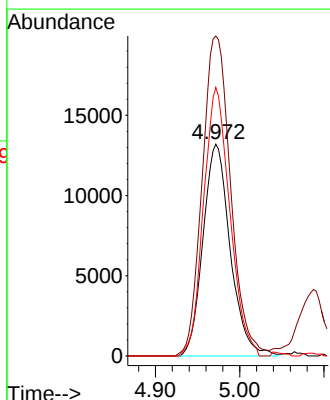
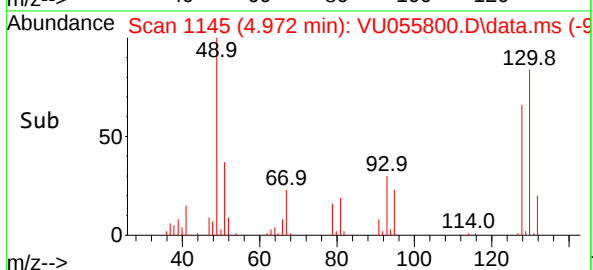
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

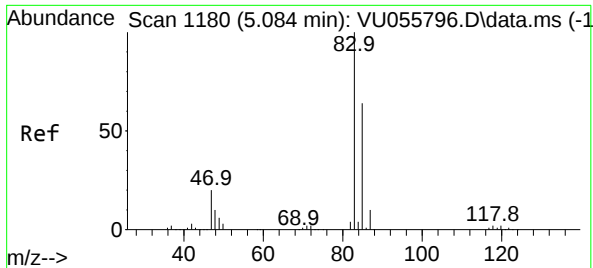


#26
Bromochloromethane
Concen: 2.205 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion:128 Resp: 29621
Ion Ratio Lower Upper
128 100
49 157.8 0.0 324.6
130 122.9 103.0 154.4





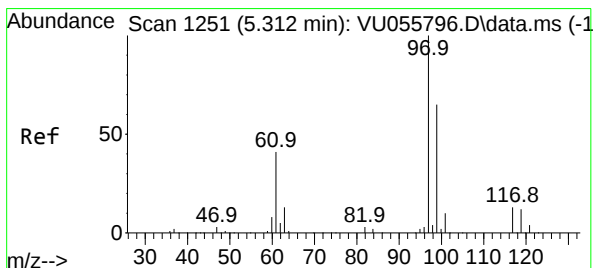
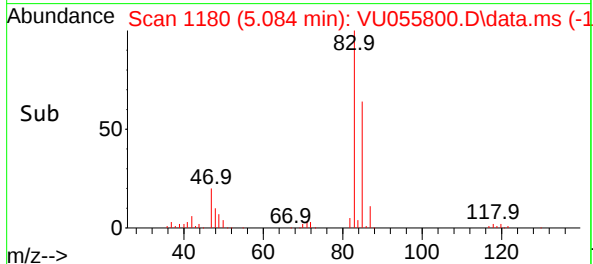
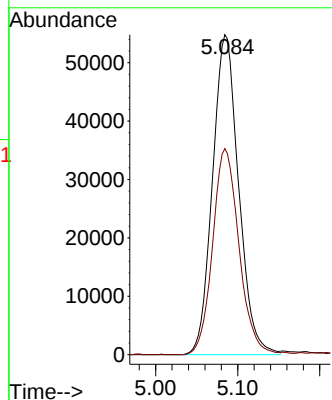
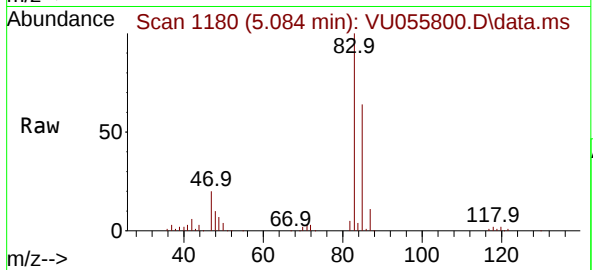
#27
Chloroform
Concen: 2.138 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 83 Resp: 12130
Ion Ratio Lower Upper
83 100
85 64.4 0.0 126.4

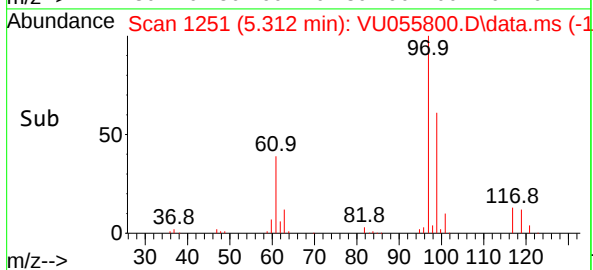
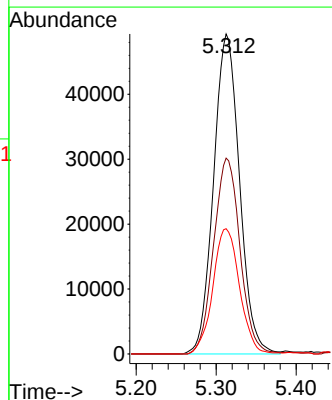
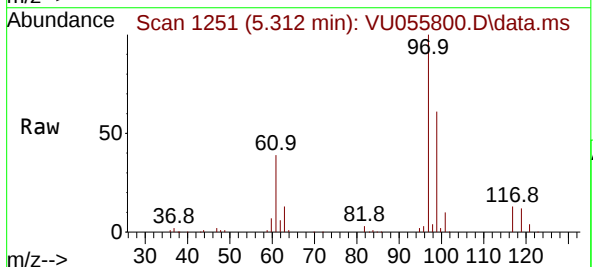
Manual Integrations
APPROVED

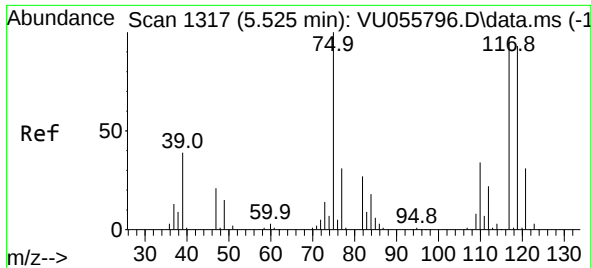
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#28
1,1,1-Trichloroethane
Concen: 2.186 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion: 97 Resp: 111148
Ion Ratio Lower Upper
97 100
99 62.2 32.0 96.2
61 40.3 22.9 68.5





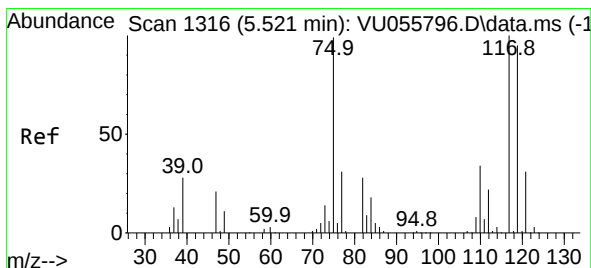
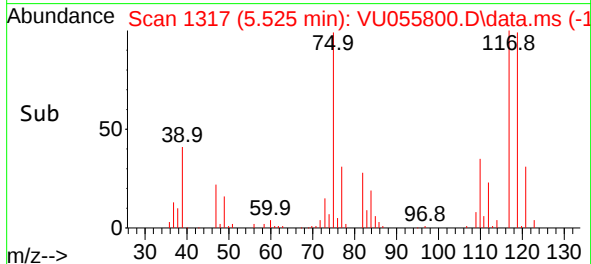
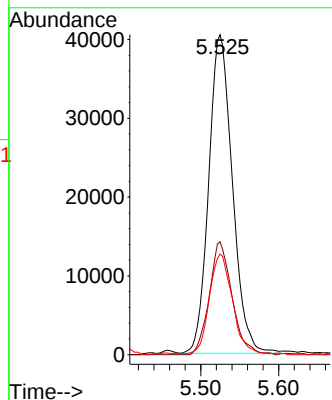
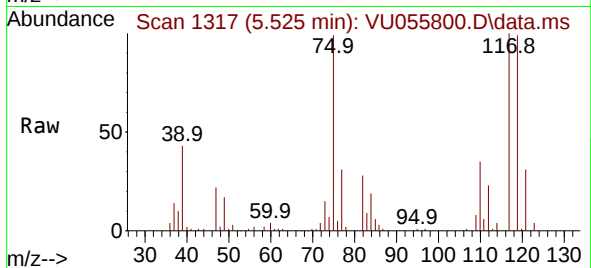
#29
1,1-Dichloropropene
Concen: 2.119 ug/l
RT: 5.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 75 Resp: 85352
Ion Ratio Lower Upper
75 100
110 34.0 18.0 54.0
77 30.0 24.7 37.1

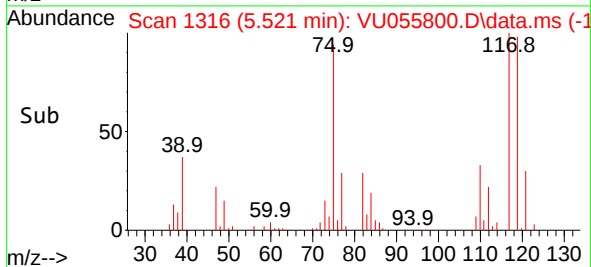
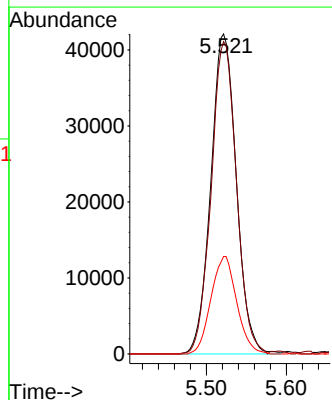
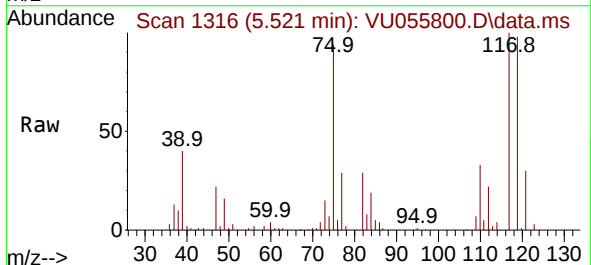
Manual Integrations
APPROVED

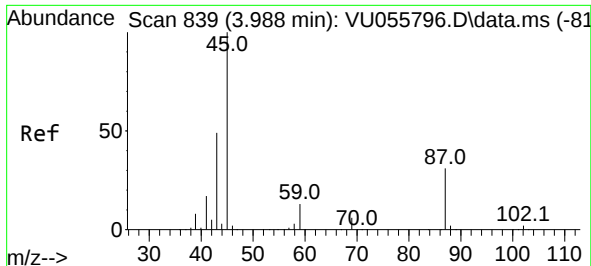
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#30
Carbon Tetrachloride
Concen: 2.100 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

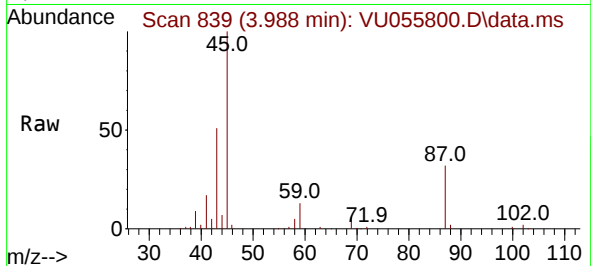
Tgt Ion:117 Resp: 93232
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0
121 30.4 24.0 36.0





#31
Isopropyl Ether
Concen: 2.185 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

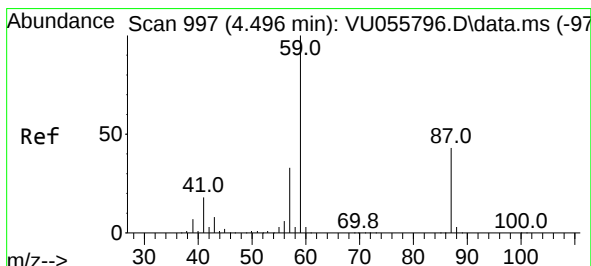
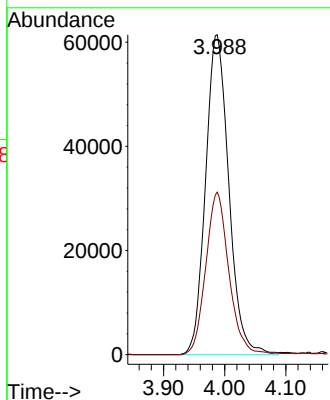
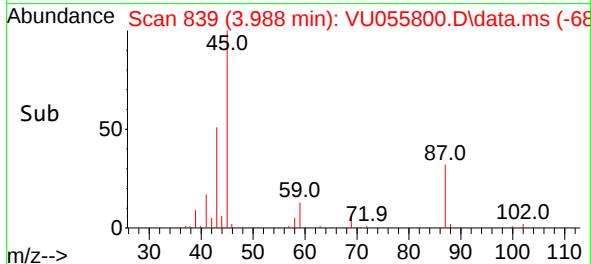
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



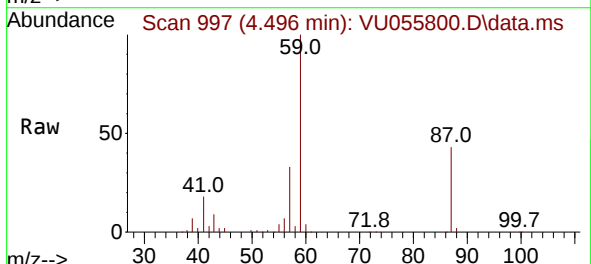
Tgt Ion: 45 Resp: 162339
Ion Ratio Lower Upper
45 100
43 50.5 27.5 82.5

Manual Integrations
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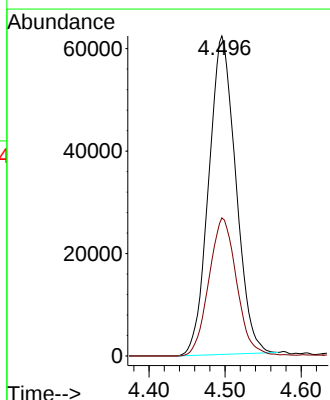
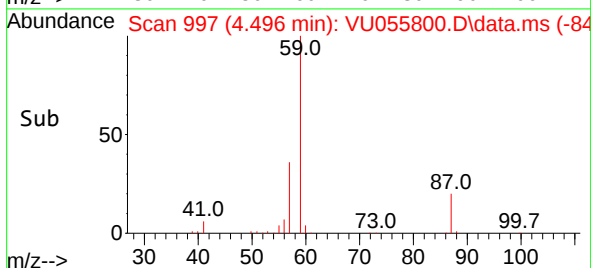
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

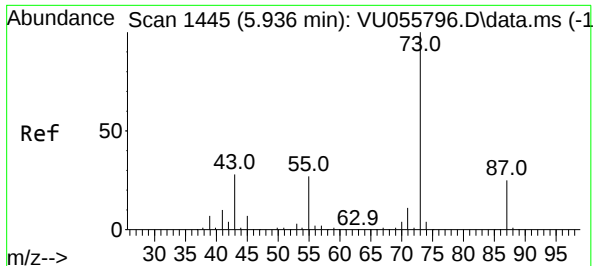


#32
Ethyl-t-butyl ether
Concen: 2.144 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion: 59 Resp: 153760
Ion Ratio Lower Upper
59 100
87 43.9 33.5 50.3





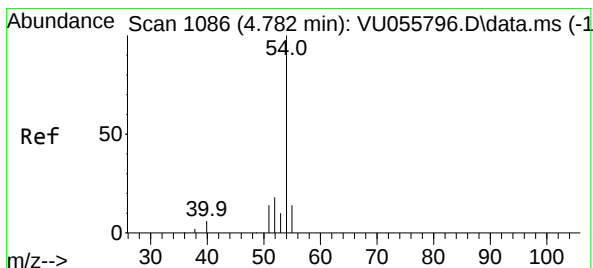
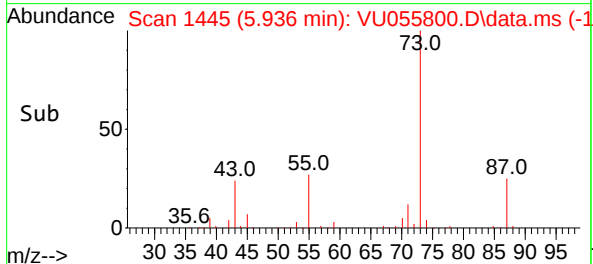
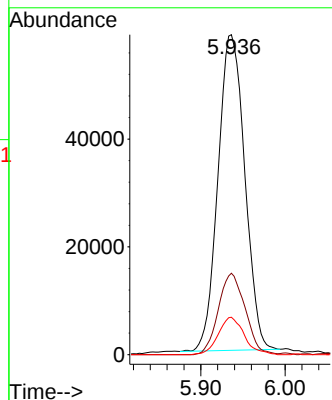
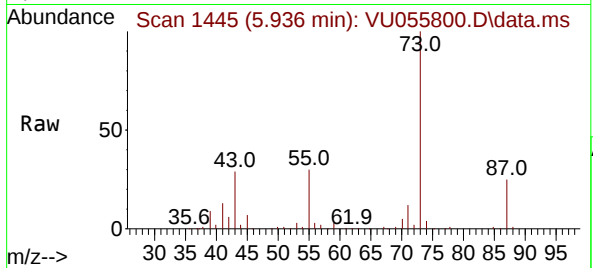
#33
Tert-Amyl methyl ether
Concen: 2.102 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 73 Resp: 129179
Ion Ratio Lower Upper
73 100
87 25.3 18.6 28.0
71 11.5 9.9 14.9

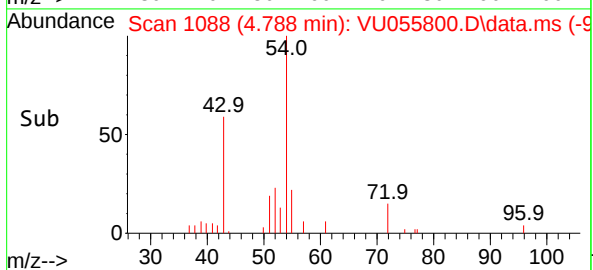
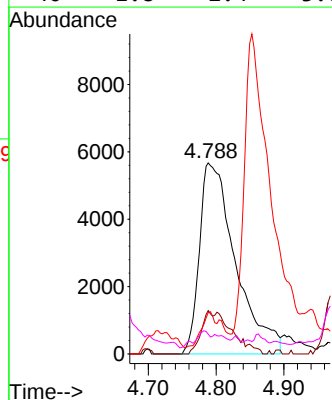
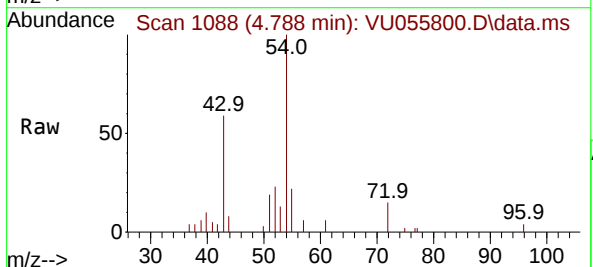
Manual Integrations
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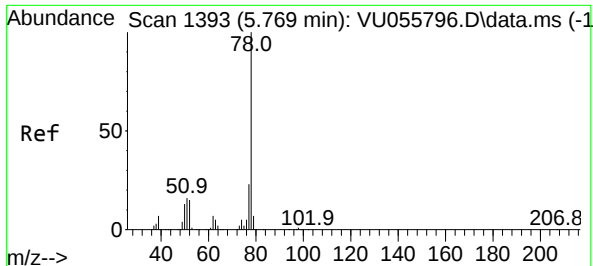
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#34
Propionitrile
Concen: 10.952 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

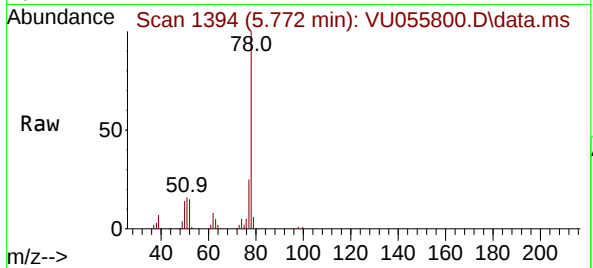
Tgt Ion: 54 Resp: 20994
Ion Ratio Lower Upper
54 100
52 7.2 17.4 26.0#
55 6.9 104.1 156.1#
40 1.8 2.4 3.6#





#35
Benzene
Concen: 2.167 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

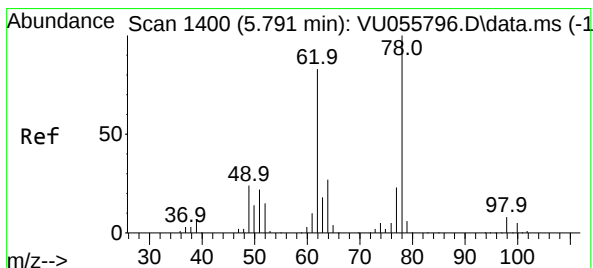
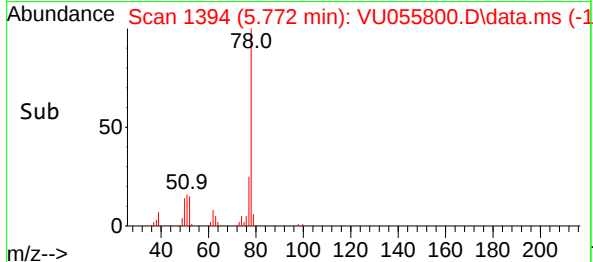
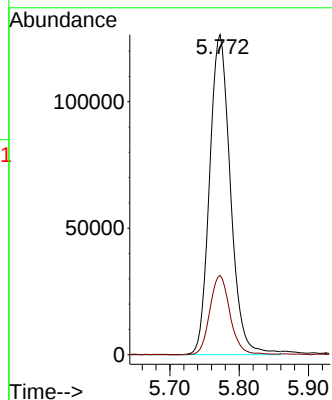
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion: 78 Resp: 264470
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3

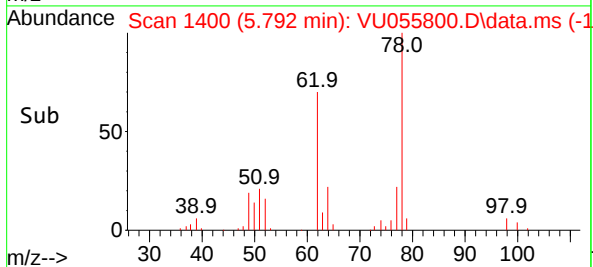
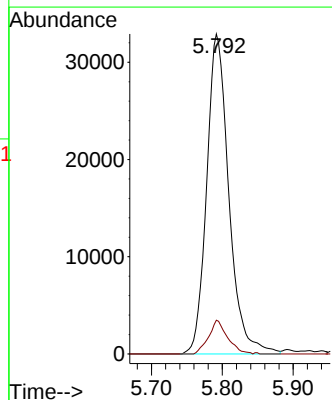
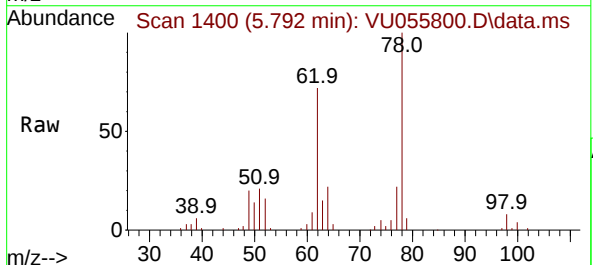
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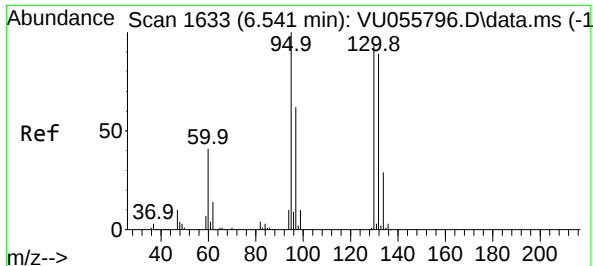
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#36
1,2-Dichloroethane
Concen: 2.162 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.001 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion: 62 Resp: 71625
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37

Trichloroethene

Concen: 2.157 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion:130 Resp: 6848

Ion Ratio Lower Upper

130 100

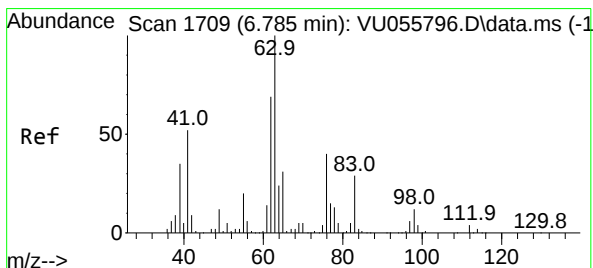
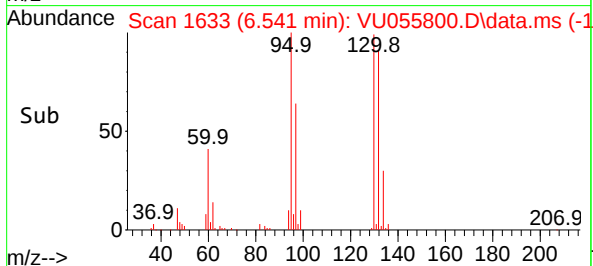
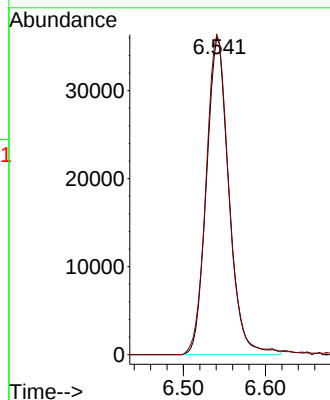
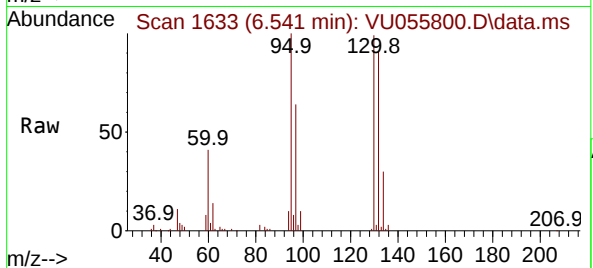
95 100.9 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

1,2-Dichloropropane

Concen: 2.211 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU055800.D

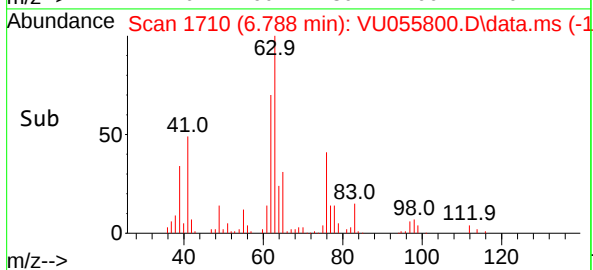
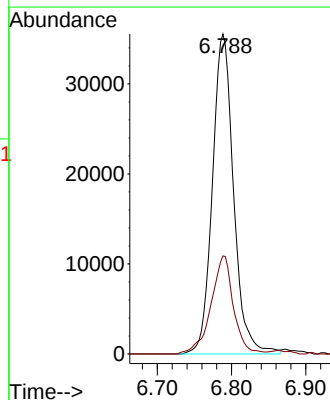
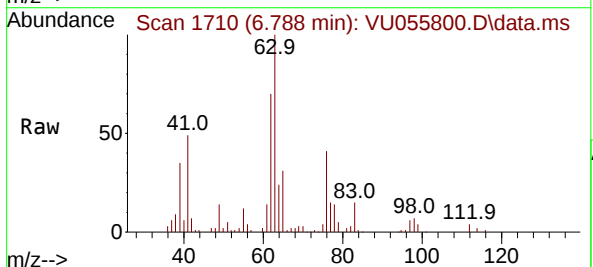
Acq: 18 Oct 2023 15:55

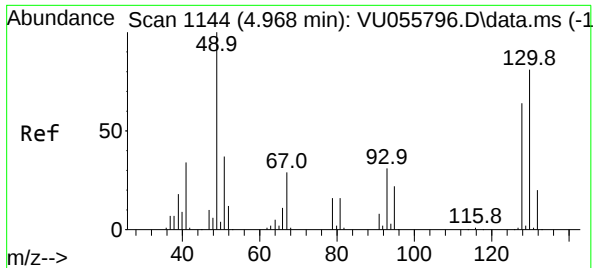
Tgt Ion: 63 Resp: 70446

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3





#39

Methacrylonitrile

Concen: 2.168 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion: 41 Resp: 1549

Ion Ratio Lower Upper

41 100

67 90.1 66.8 100.2

39 56.5 41.2 61.8

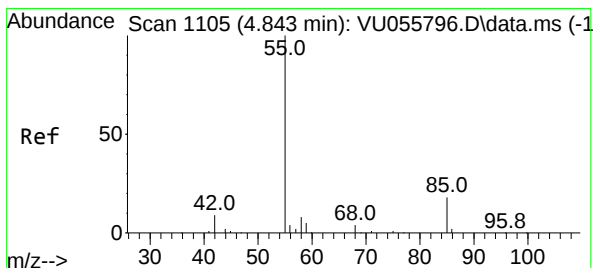
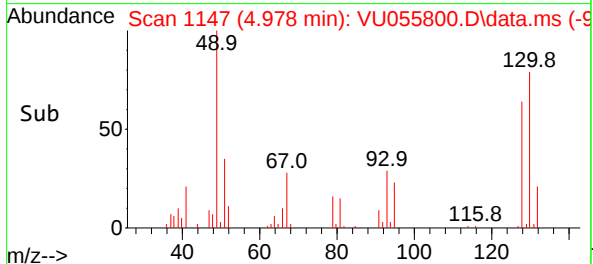
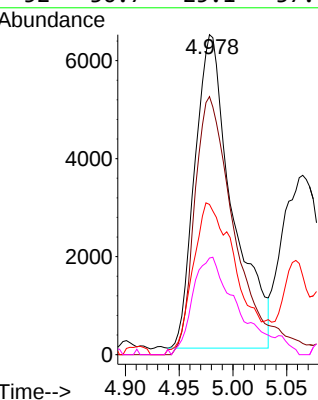
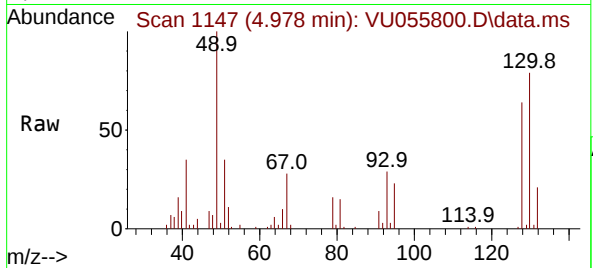
52 36.7 25.1 37.7

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#40

Methyl acrylate

Concen: 2.011 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.010 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Tgt Ion: 55 Resp: 22686

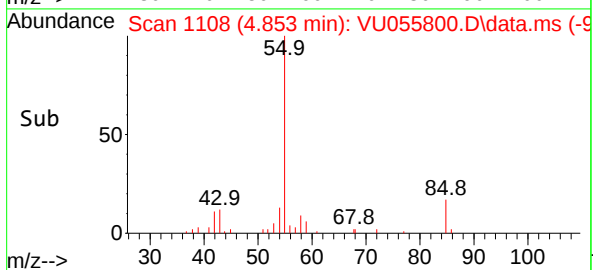
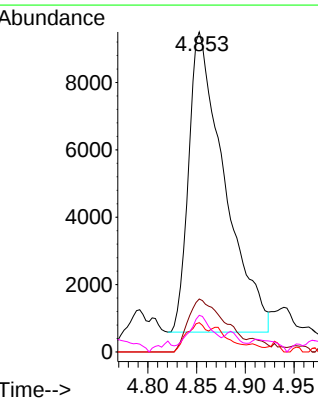
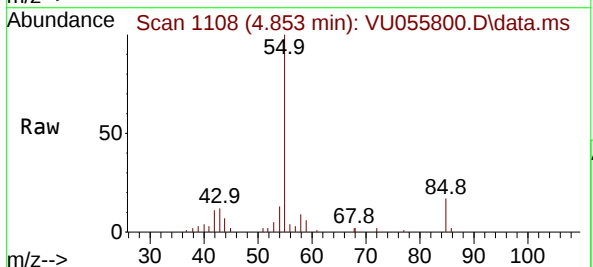
Ion Ratio Lower Upper

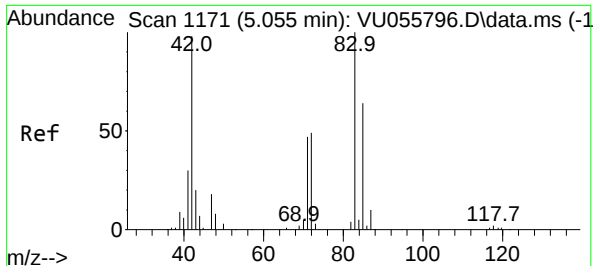
55 100

85 18.2 13.3 19.9

58 5.5 6.5 9.7#

42 7.5 5.9 8.9





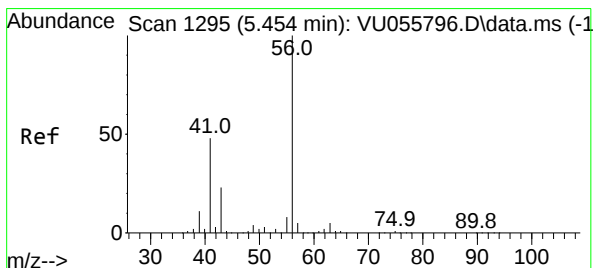
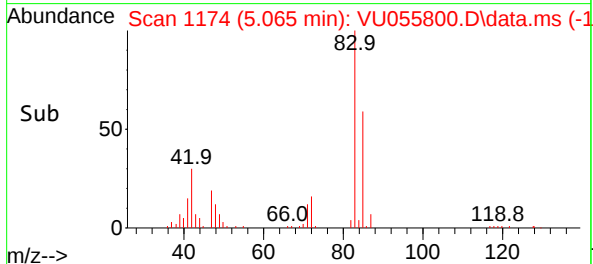
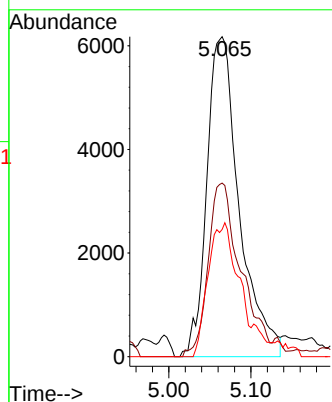
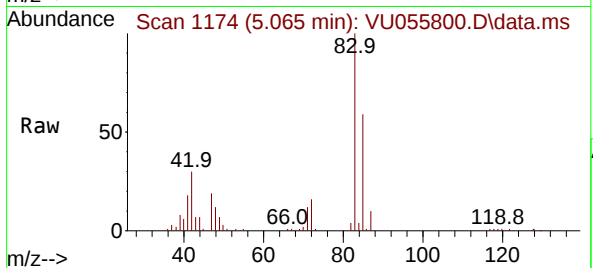
#41
Tetrahydrofuran
Concen: 4.203 ug/l
RT: 5.065 min Scan# 1171
Delta R.T. 0.010 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 42 Resp: 1702
Ion Ratio Lower Upper
42 100
72 54.7 40.9 61.3
71 38.6 36.9 55.3

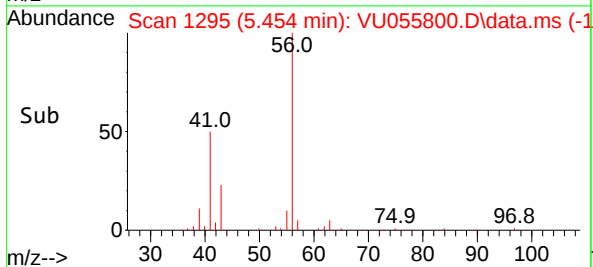
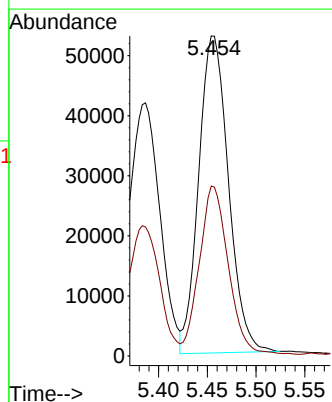
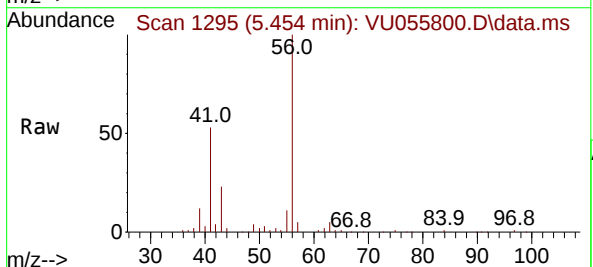
Manual Integrations
APPROVED

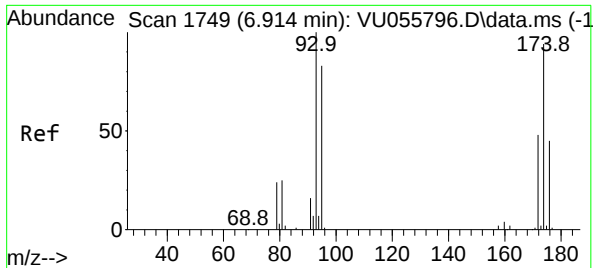
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#42
1-Chlorobutane
Concen: 2.090 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

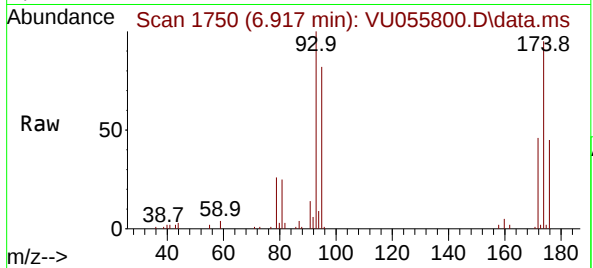
Tgt Ion: 56 Resp: 112236
Ion Ratio Lower Upper
56 100
41 52.2 25.2 75.6





#43
Dibromomethane
Concen: 2.162 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

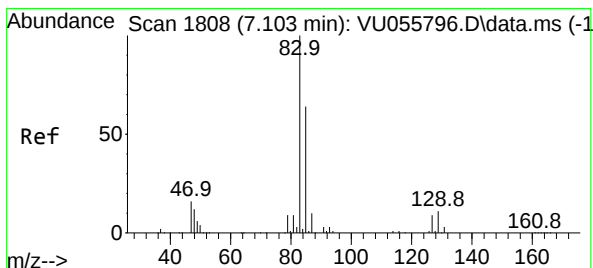
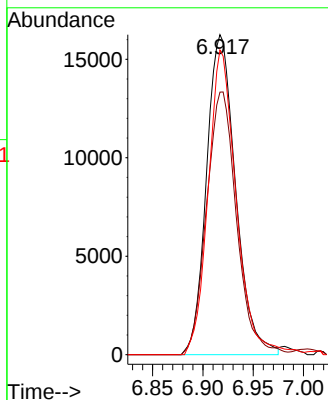
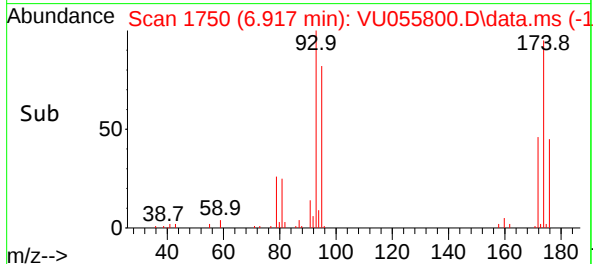
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



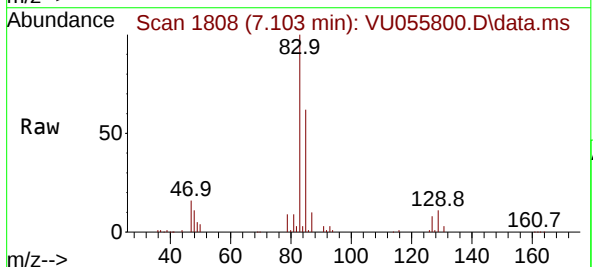
Tgt Ion: 93 Resp: 3273
Ion Ratio Lower Upper
93 100
95 84.6 67.0 100.6
174 92.0 73.8 110.6

Manual Integrations
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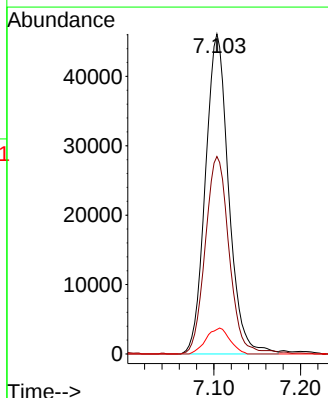
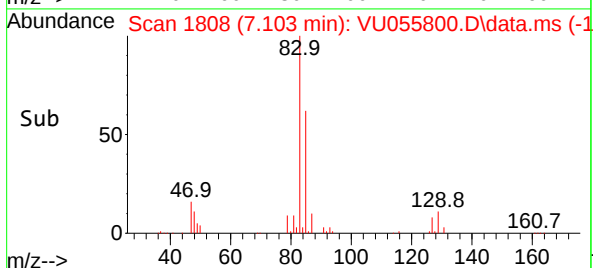
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

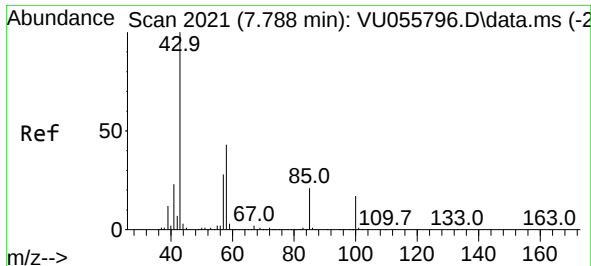


#44
Bromodichloromethane
Concen: 2.150 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion: 83 Resp: 86051
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 8.5 6.7 10.1





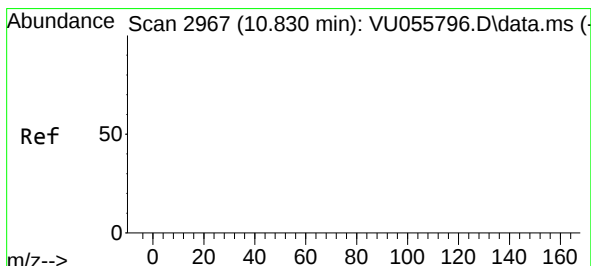
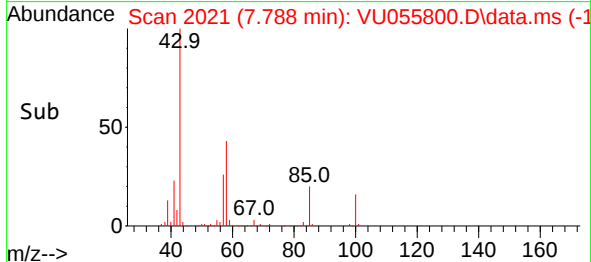
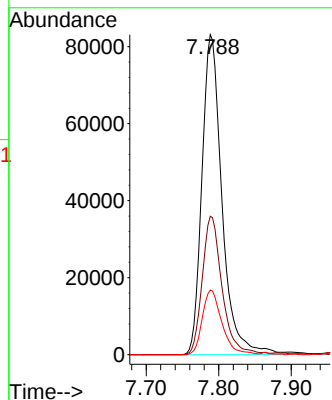
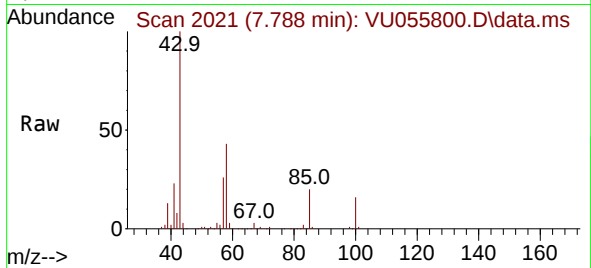
#45
4-Methyl-2-Pentanone
Concen: 10.187 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 43 Resp: 15956
Ion Ratio Lower Upper
43 100
58 42.9 20.9 62.8
85 19.7 14.6 21.8

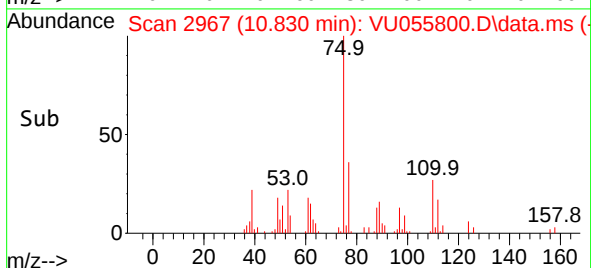
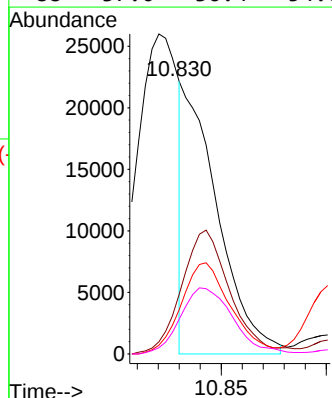
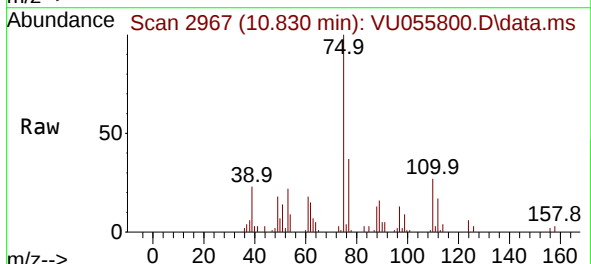
Manual Integrations
APPROVED

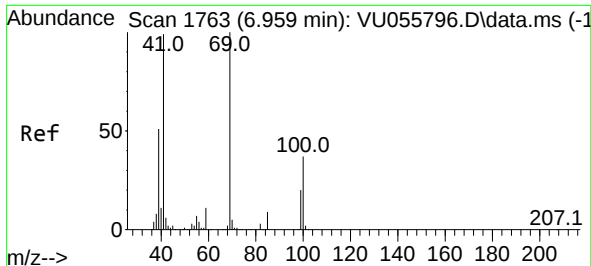
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#46
t-1,4-Dichloro-2-butene
Concen: 4.039 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

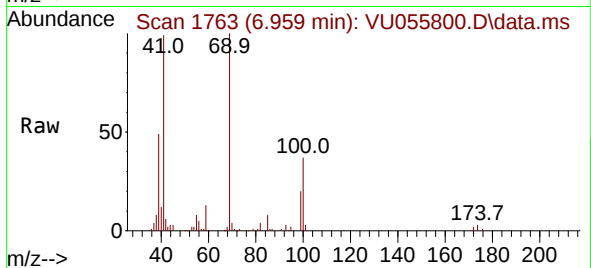
Tgt Ion: 75 Resp: 25167
Ion Ratio Lower Upper
75 100
53 64.7 73.3 109.9#
89 48.2 48.2 72.4#
88 37.0 36.4 54.6





#47
Methyl methacrylate
Concen: 4.251 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

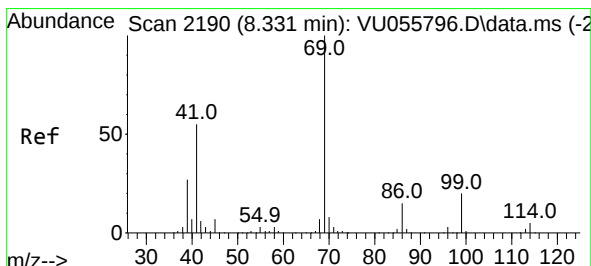
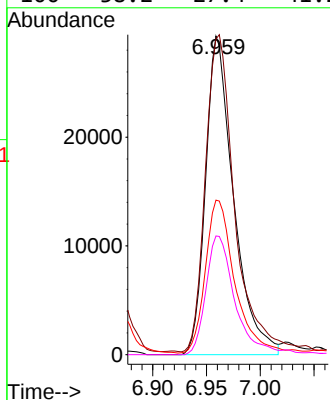
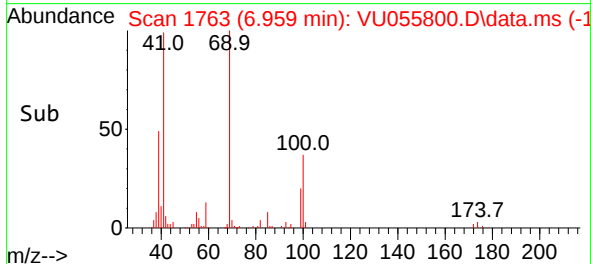
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion: 69 Resp: 5311
Ion Ratio Lower Upper
69 100
41 103.5 0.0 209.2
39 50.2 46.7 70.1
100 38.2 27.4 41.2

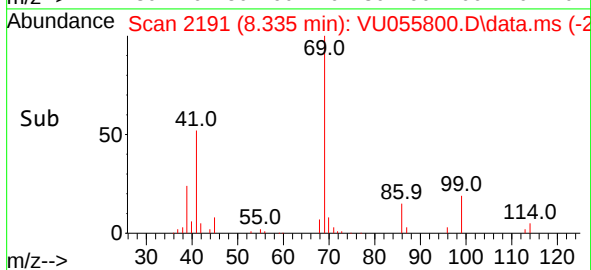
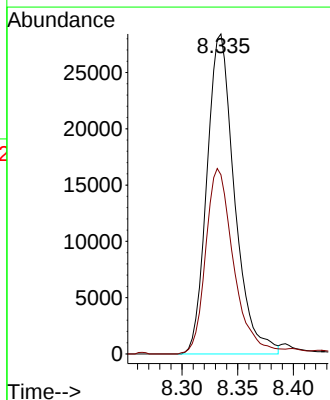
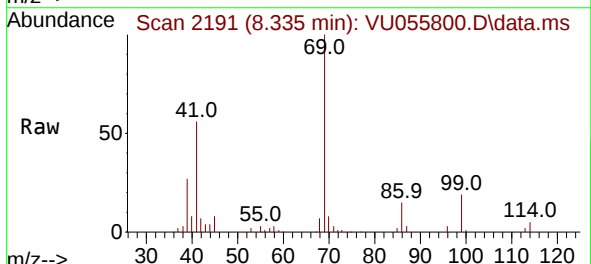
Manual Integrations
APPROVED

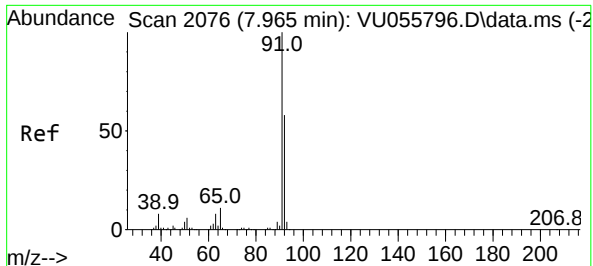
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#48
Ethyl methacrylate
Concen: 2.127 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.004 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

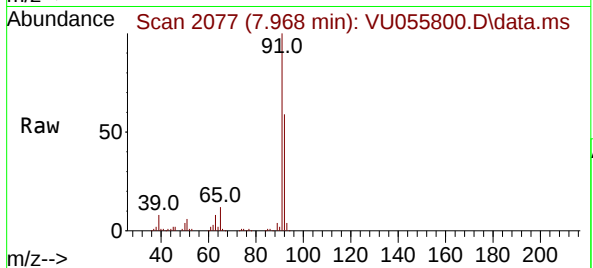
Tgt Ion: 69 Resp: 49022
Ion Ratio Lower Upper
69 100
41 58.8 30.3 90.8





#49
Toluene
Concen: 2.131 ug/l
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

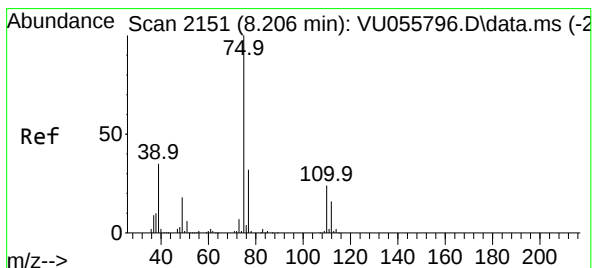
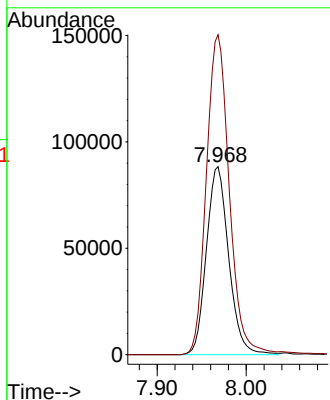
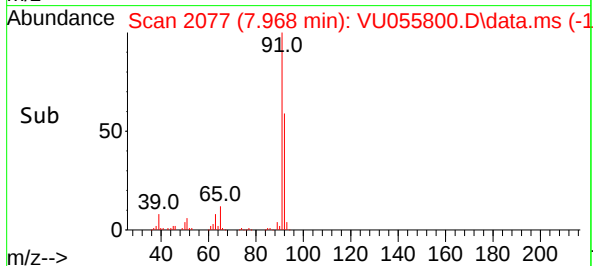
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



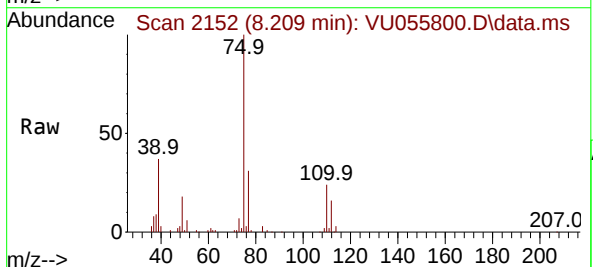
Tgt Ion: 92 Resp: 153900
Ion Ratio Lower Upper
92 100
91 175.9 143.0 214.6

Manual Integrations
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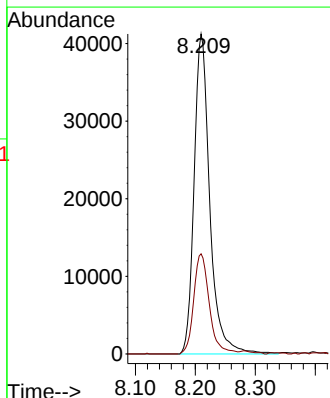
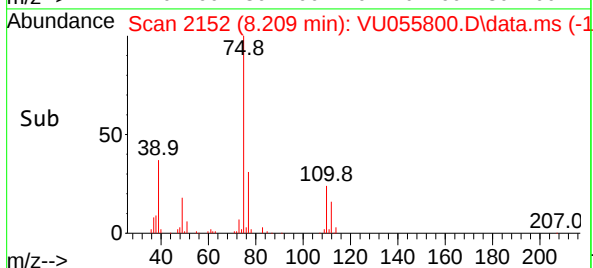
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

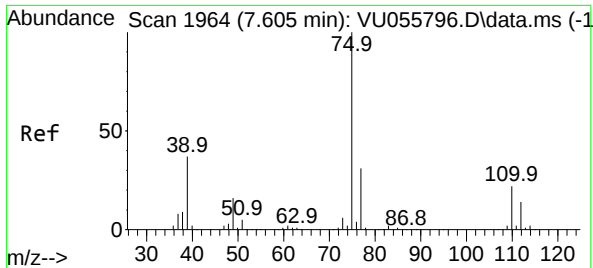


#50
t-1,3-Dichloropropene
Concen: 2.119 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion: 75 Resp: 75049
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9





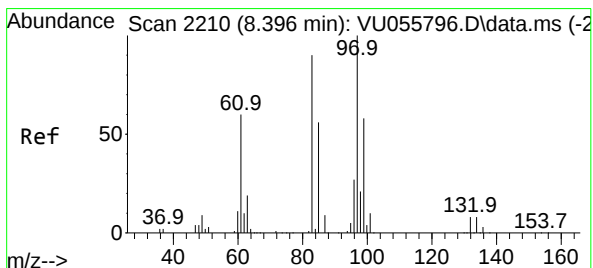
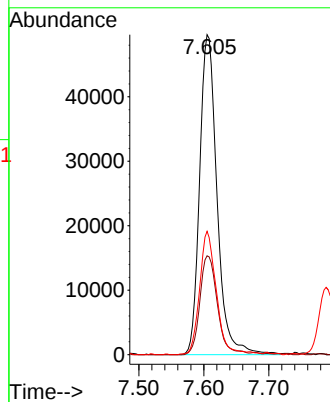
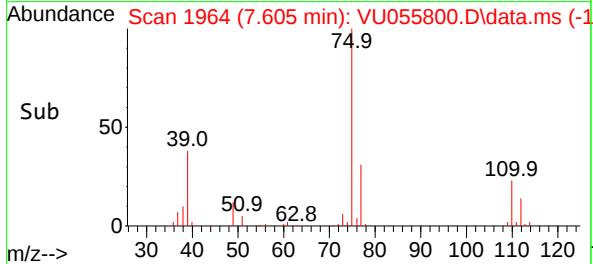
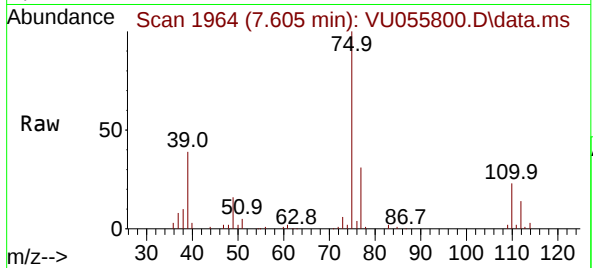
#51
 cis-1,3-Dichloropropene
 Concen: 2.140 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55

Instrument : MSVOA_U
 ClientSampleId : VU1018WBS01

Tgt Ion: 75 Resp: 92752
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5
 39 38.3 32.8 49.2

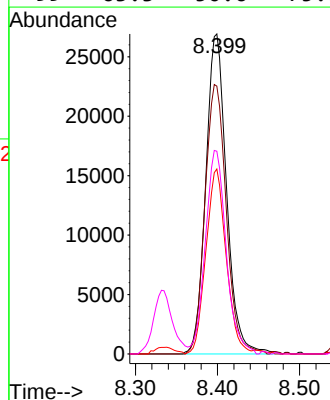
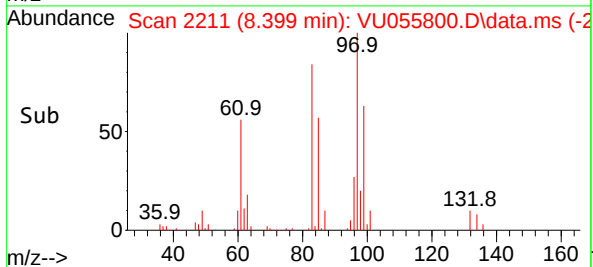
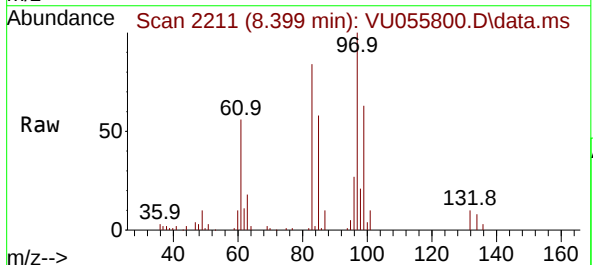
Manual Integrations
 APPROVED

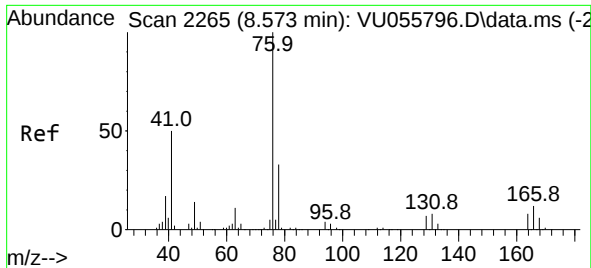
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.193 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55

Tgt Ion: 97 Resp: 47441
 Ion Ratio Lower Upper
 97 100
 83 83.7 71.8 107.8
 85 57.8 45.2 67.8
 99 63.3 50.6 75.8





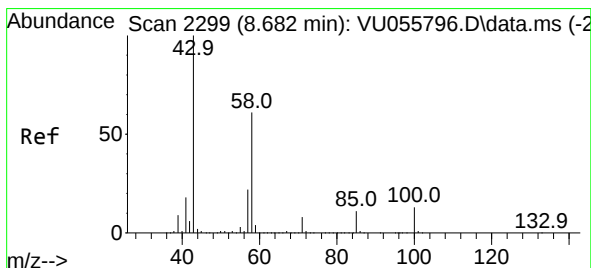
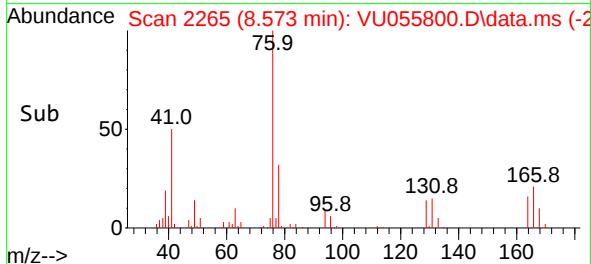
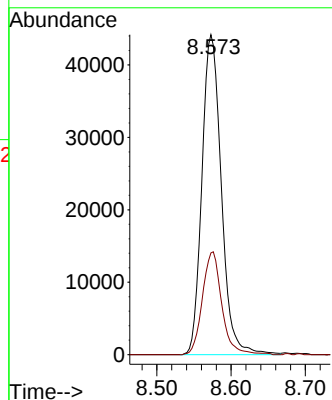
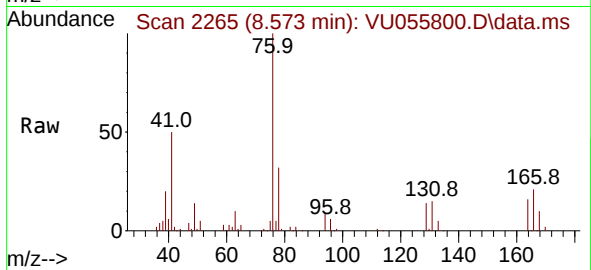
#53
1,3-Dichloropropane
Concen: 2.170 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 76 Resp: 8024
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

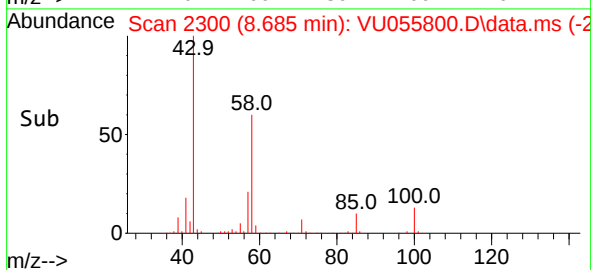
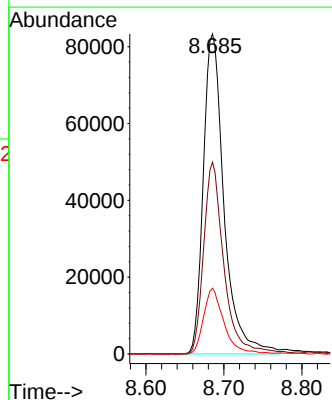
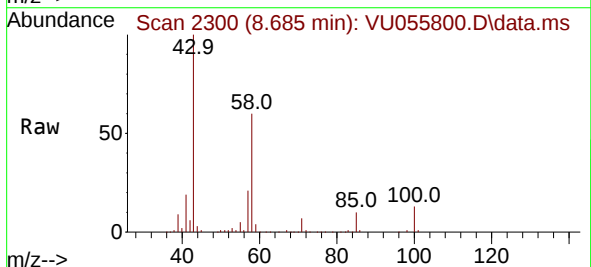
Manual Integrations
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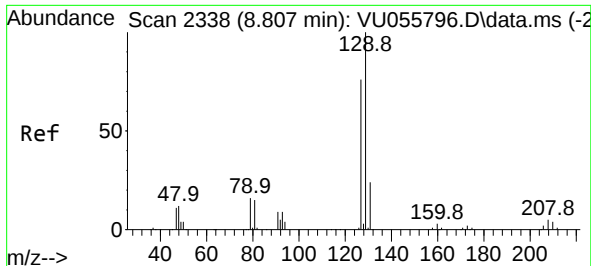
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#54
2-Hexanone
Concen: 8.788 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

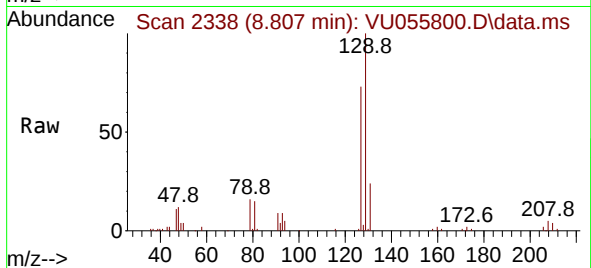
Tgt Ion: 43 Resp: 154215
Ion Ratio Lower Upper
43 100
58 58.4 38.2 78.2
57 20.1 0.0 39.1





#55
Dibromochloromethane
Concen: 2.101 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

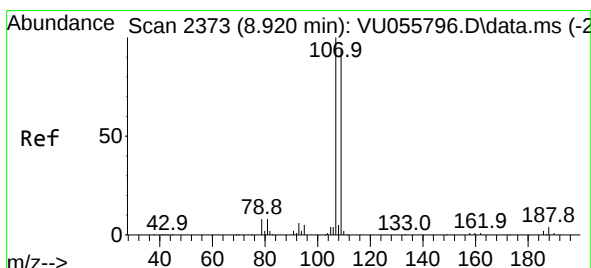
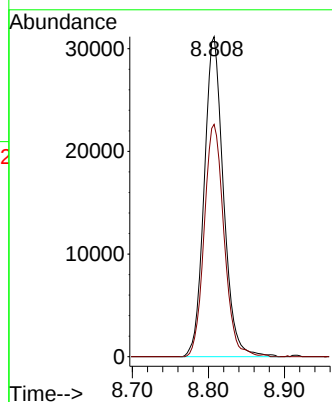
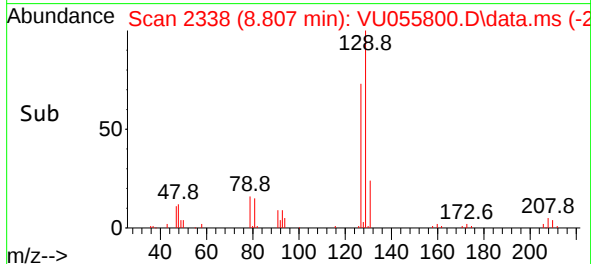
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion:129 Resp: 54862
Ion Ratio Lower Upper
129 100
127 74.4 61.4 92.0

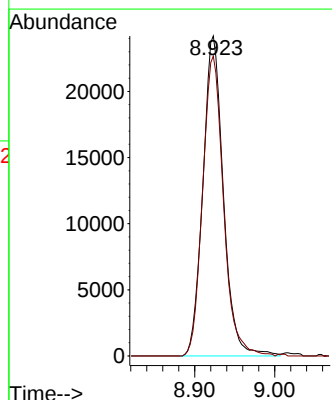
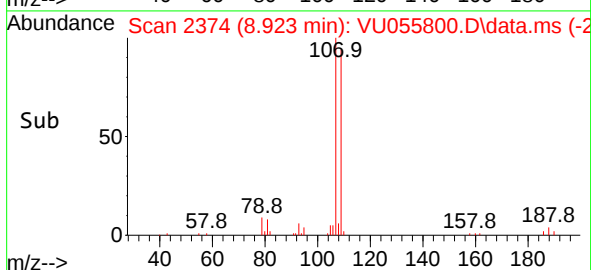
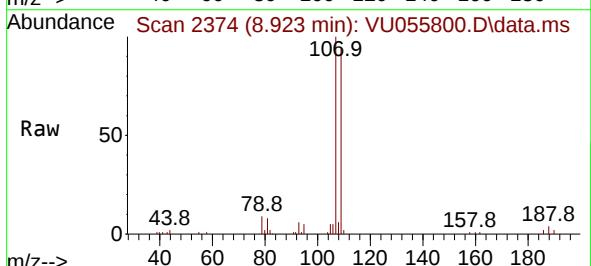
Manual Integrations
APPROVED

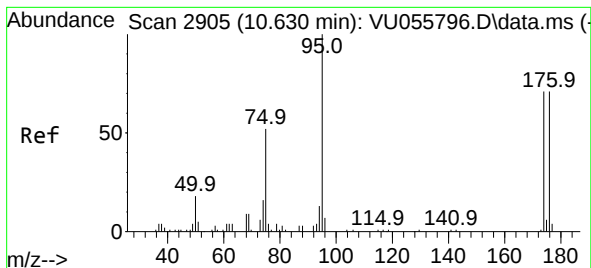
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#56
1,2-Dibromoethane
Concen: 2.184 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

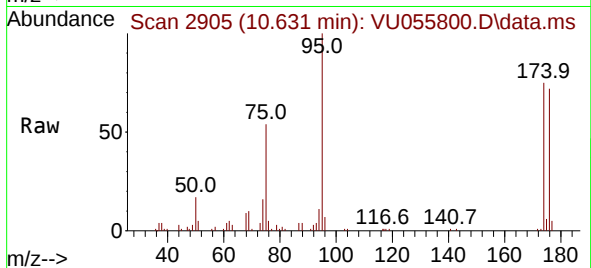
Tgt Ion:107 Resp: 43161
Ion Ratio Lower Upper
107 100
109 95.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.967 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

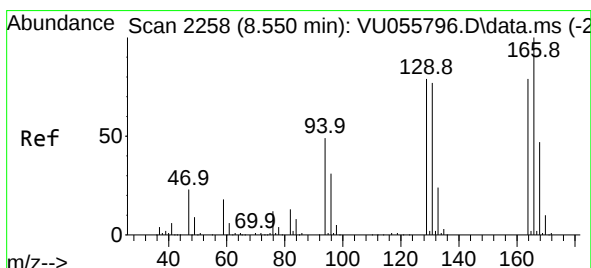
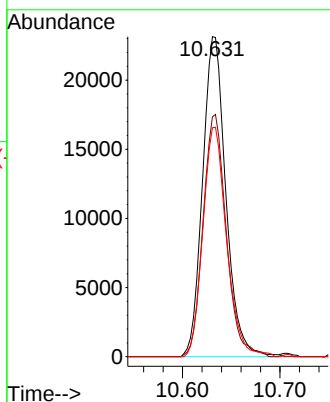
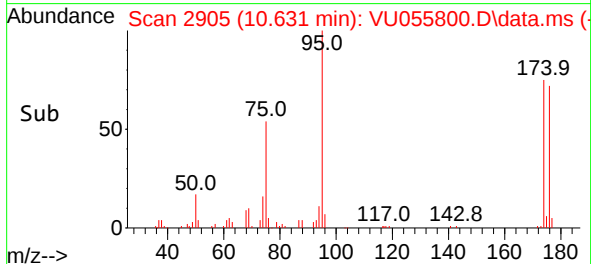
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion: 95 Resp: 38369
Ion Ratio Lower Upper
95 100
174 75.1 63.3 94.9
176 73.0 59.3 88.9

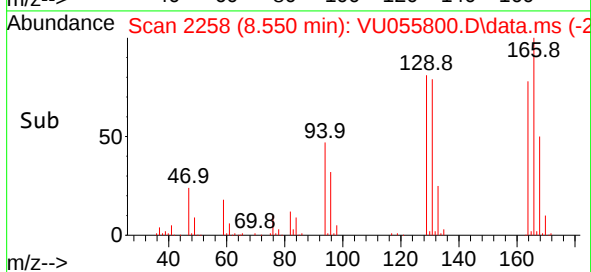
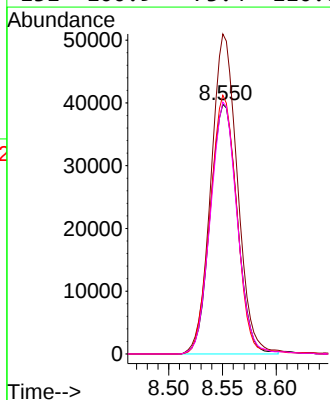
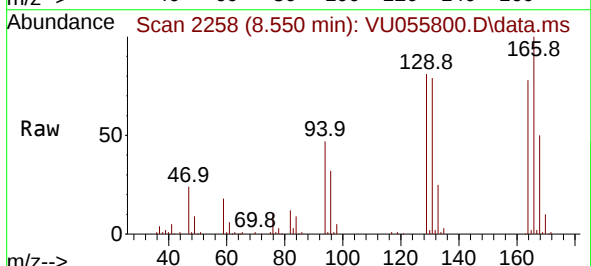
Manual Integrations
APPROVED

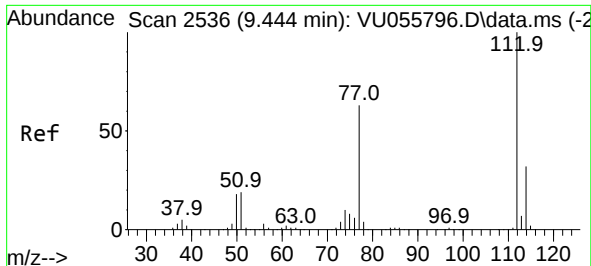
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#58
Tetrachloroethene
Concen: 2.102 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion:164 Resp: 69380
Ion Ratio Lower Upper
164 100
166 128.2 99.6 149.4
129 103.7 78.6 117.8
131 100.9 73.4 110.0





#59

Chlorobenzene

Concen: 2.133 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion:112 Resp: 17015

Ion Ratio Lower Upper

112 100

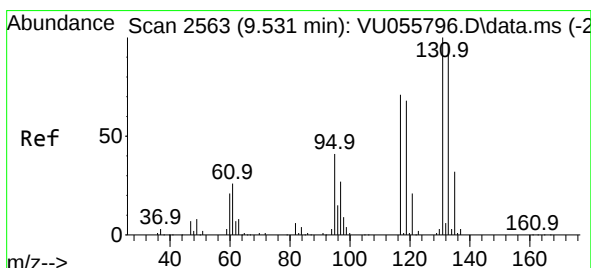
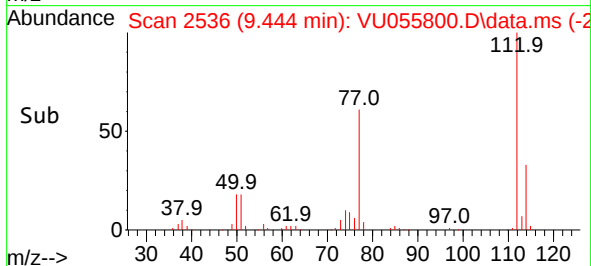
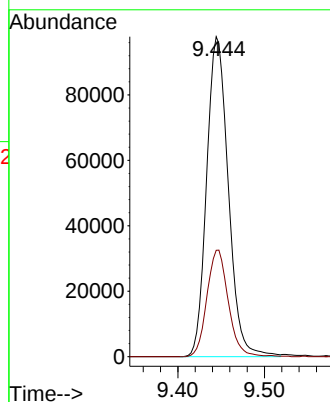
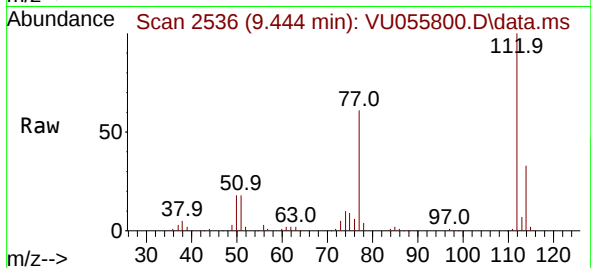
114 33.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 2.092 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. -0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

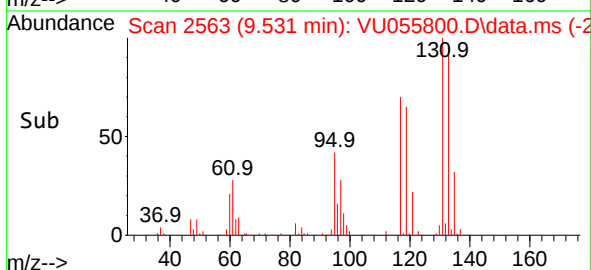
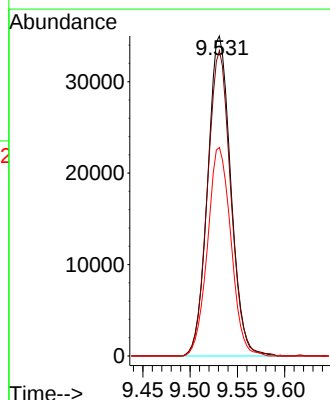
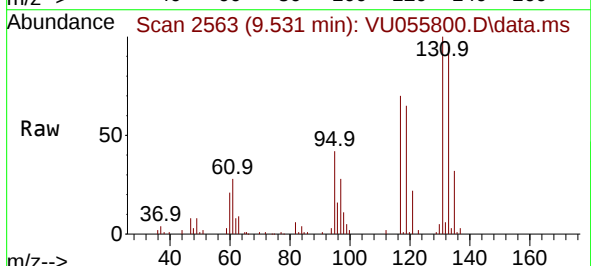
Tgt Ion:131 Resp: 59471

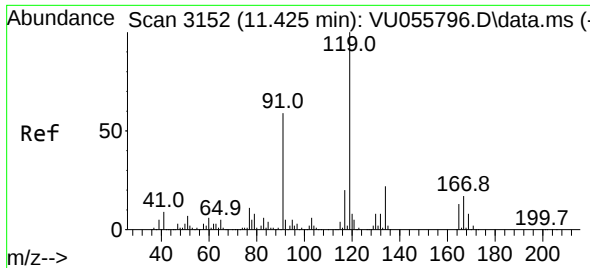
Ion Ratio Lower Upper

131 100

133 96.0 77.8 116.6

119 66.1 55.2 82.8





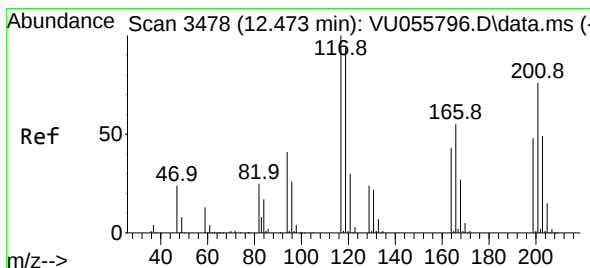
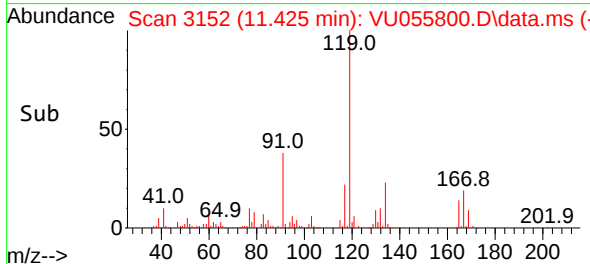
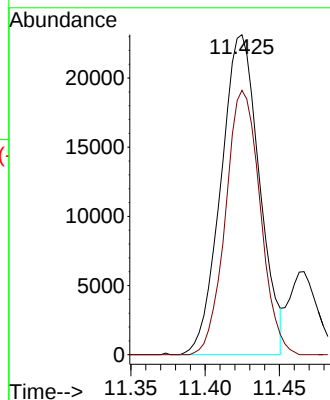
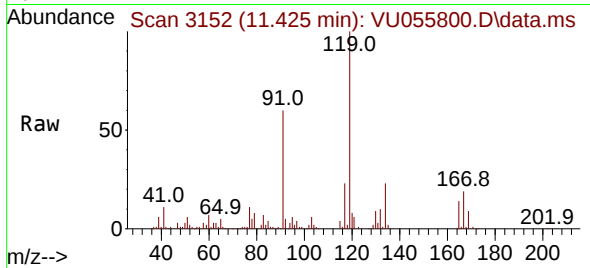
#61
Pentachloroethane
Concen: 2.166 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion:117 Resp: 41674
Ion Ratio Lower Upper
117 100
167 74.3 56.7 85.1

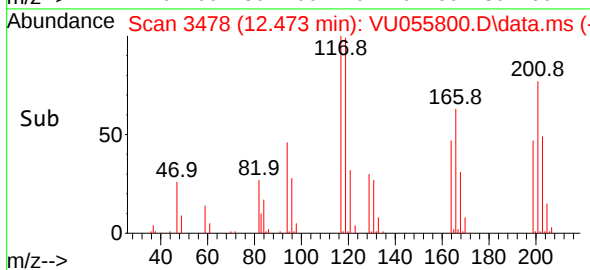
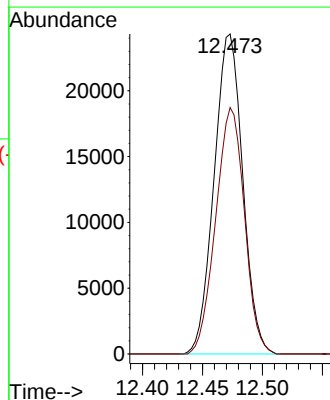
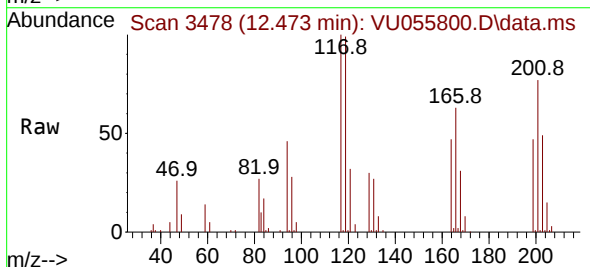
Manual Integrations
APPROVED

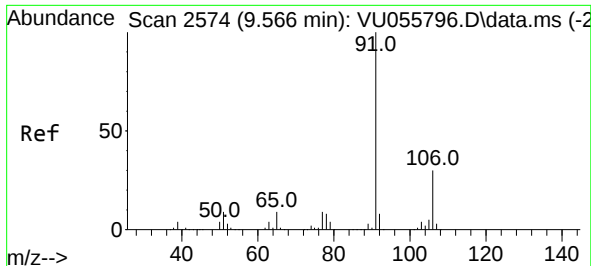
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#62
Hexachloroethane
Concen: 2.105 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion:117 Resp: 40367
Ion Ratio Lower Upper
117 100
201 77.2 59.6 89.4





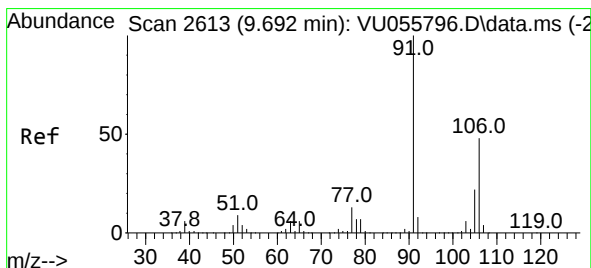
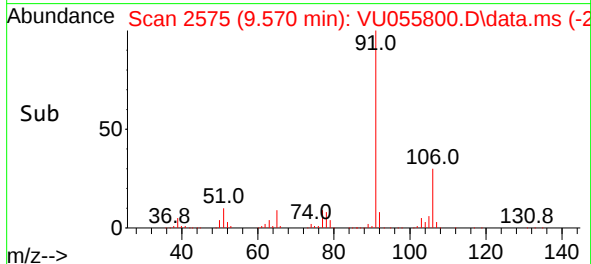
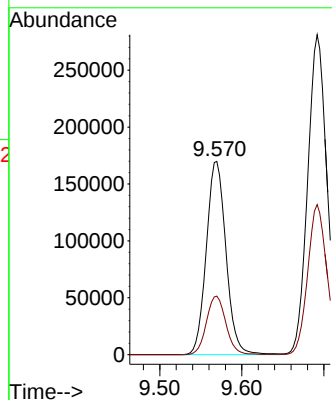
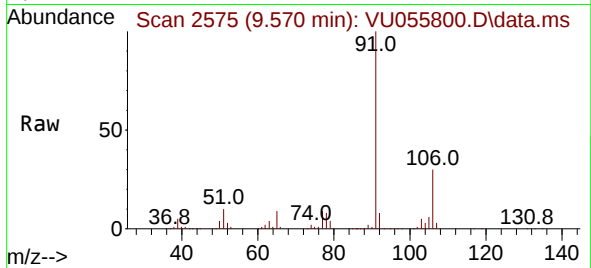
#63
Ethyl Benzene
Concen: 2.094 ug/l
RT: 9.570 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion: 91 Resp: 283440
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

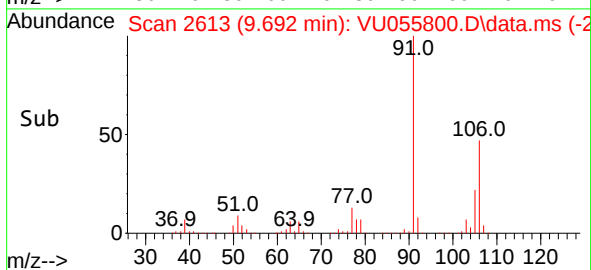
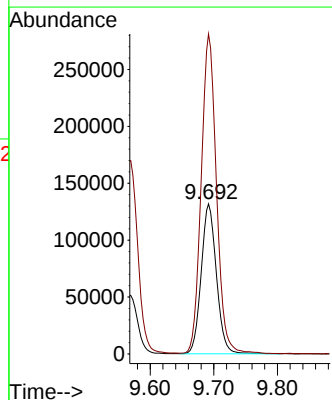
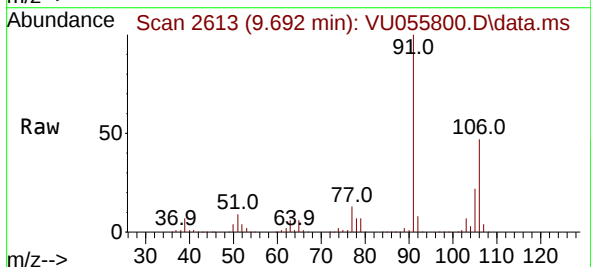
Manual Integrations
APPROVED

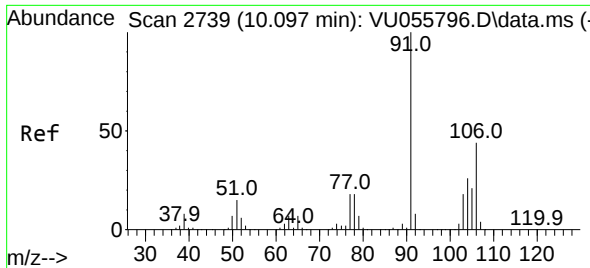
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#64
m/p-Xylenes
Concen: 4.206 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion:106 Resp: 218836
Ion Ratio Lower Upper
106 100
91 213.7 167.3 250.9





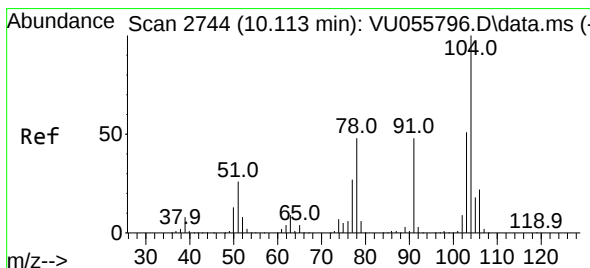
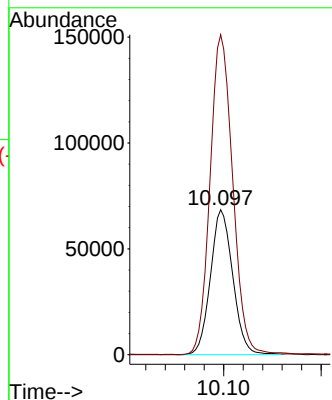
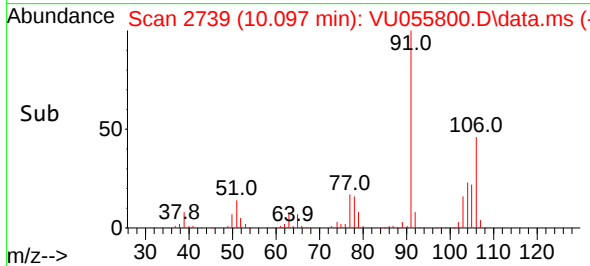
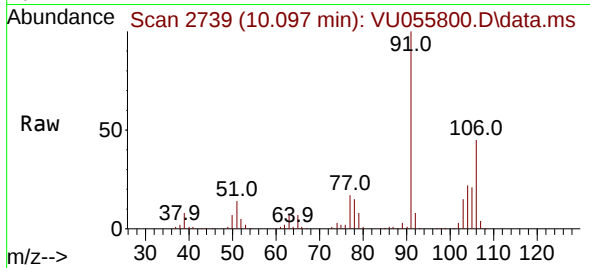
#65
o-Xylene
Concen: 2.136 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion:106 Resp: 10903
Ion Ratio Lower Upper
106 100
91 224.7 109.3 327.9

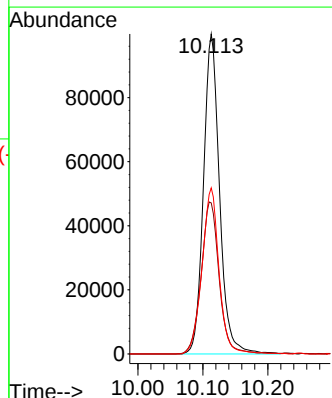
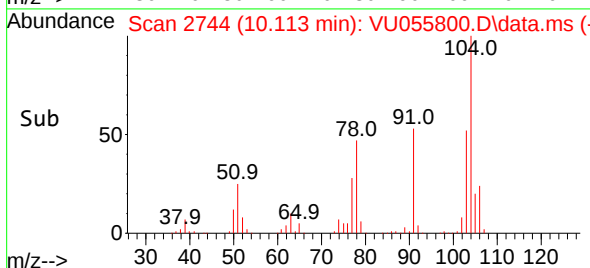
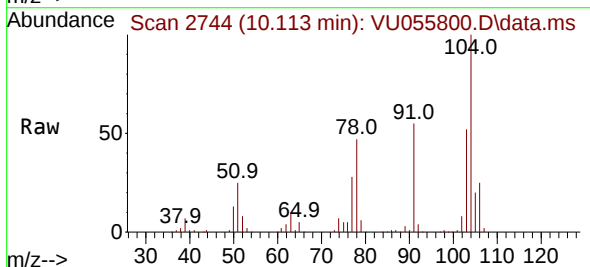
Manual Integrations
APPROVED

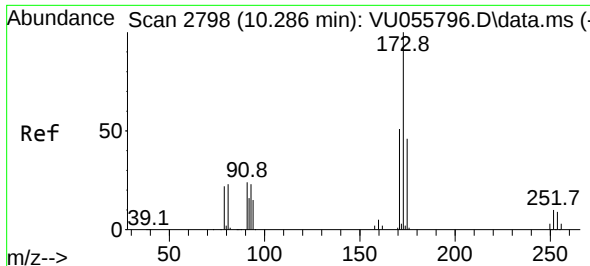
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
Styrene
Concen: 2.157 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

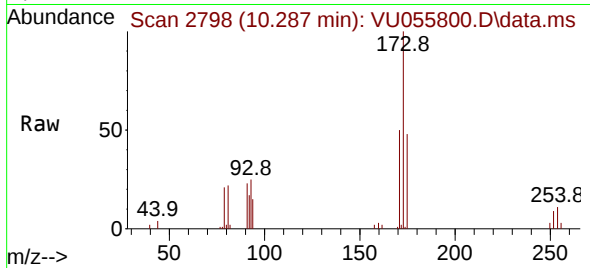
Tgt Ion:104 Resp: 172217
Ion Ratio Lower Upper
104 100
78 52.9 39.7 59.5
103 54.9 44.8 67.2





#67
Bromoform
Concen: 2.147 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

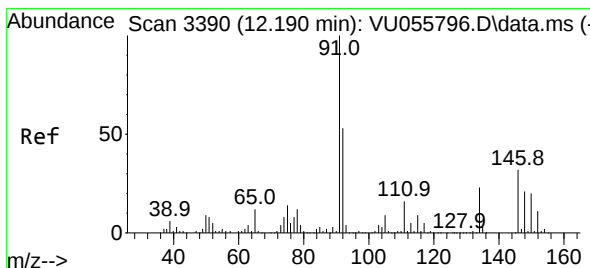
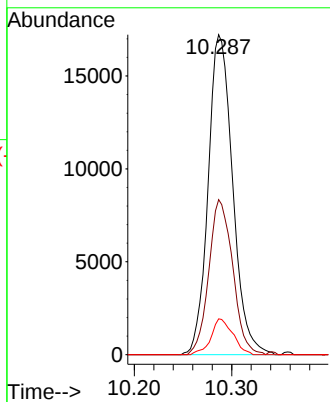
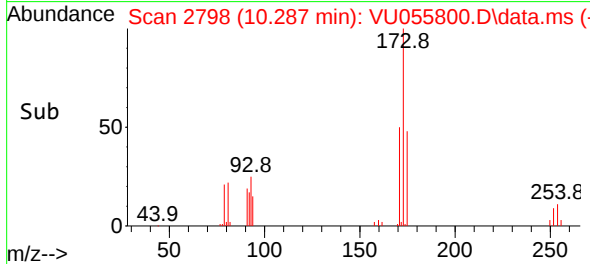
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



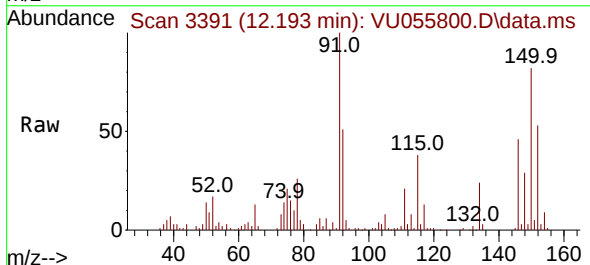
Tgt Ion:173 Resp: 30110
Ion Ratio Lower Upper
173 100
175 47.1 39.0 58.6
254 10.0 7.4 11.0

Manual Integrations
APPROVED

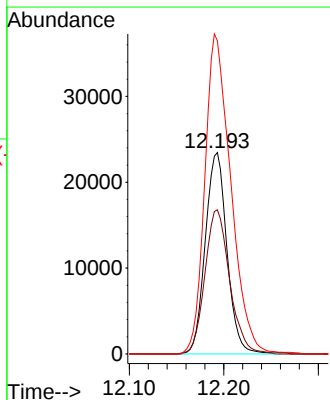
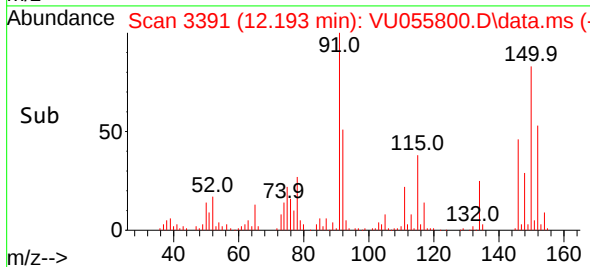
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

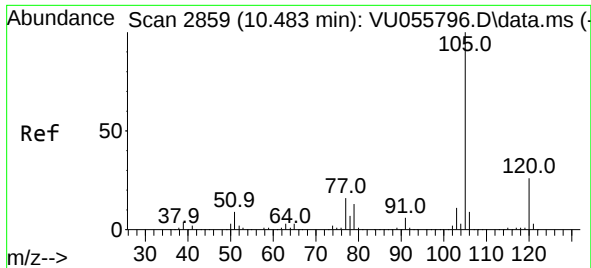


#68
1,2-Dichlorobenzene-d4
Concen: 1.014 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion:152 Resp: 37277
Ion Ratio Lower Upper
152 100
115 82.0 0.0 308.8
150 191.0 0.0 635.0





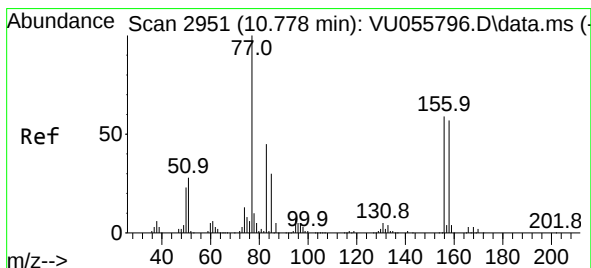
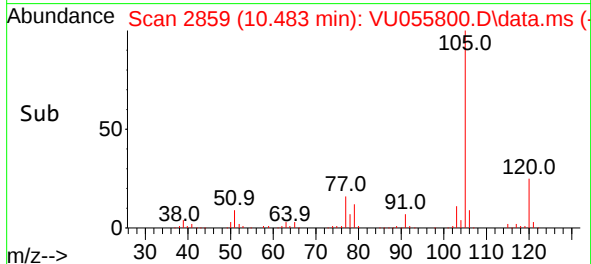
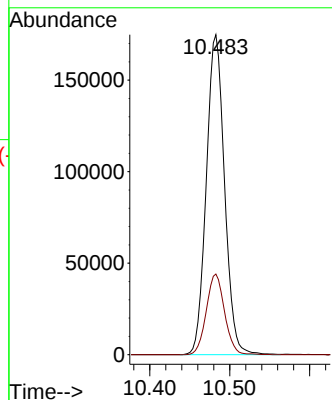
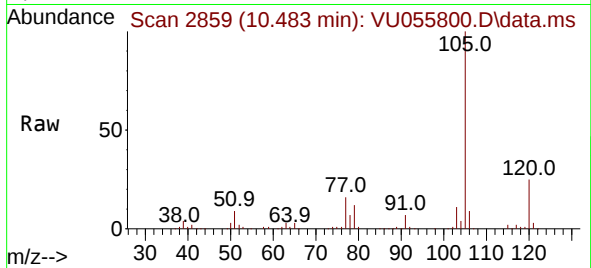
#69
Isopropylbenzene
Concen: 2.110 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion:105 Resp: 277374
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4

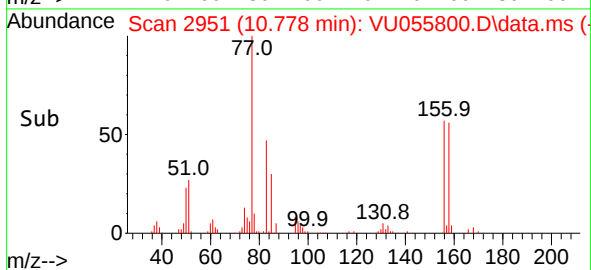
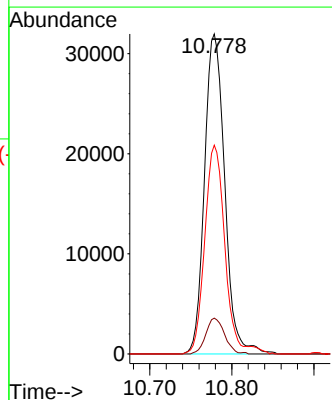
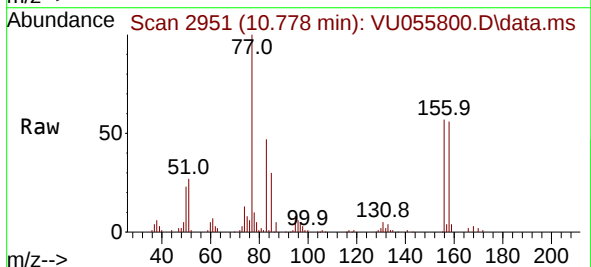
Manual Integrations
APPROVED

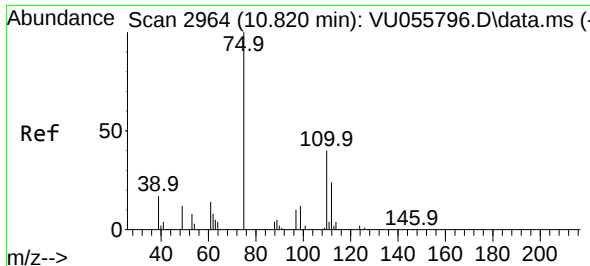
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 2.166 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

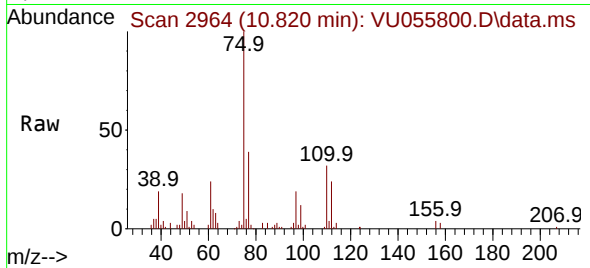
Tgt Ion: 83 Resp: 54792
Ion Ratio Lower Upper
83 100
131 10.4 7.2 10.8
85 65.2 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.959 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

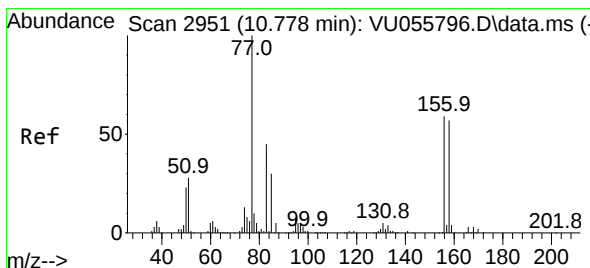
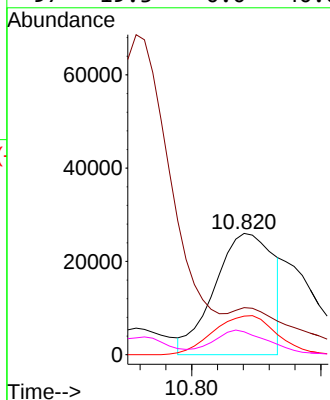
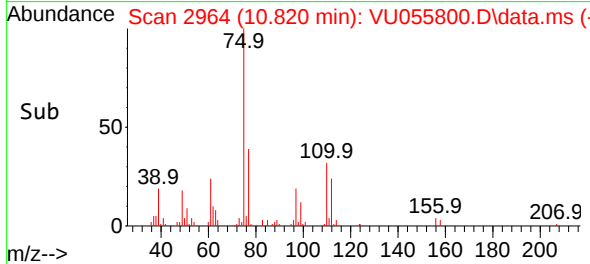
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



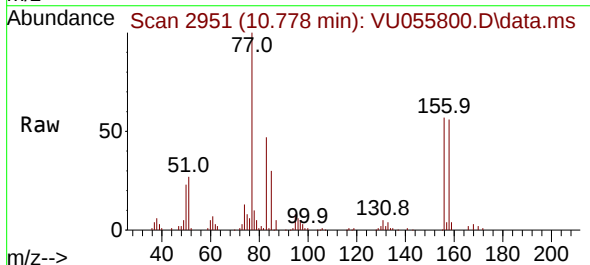
Tgt Ion:	75	Resp:	4106
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	35.0	0.0	74.6
97	19.3	0.0	40.0

Manual Integrations
APPROVED

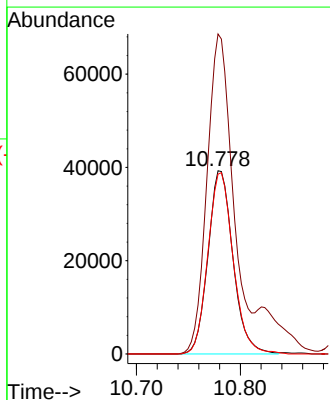
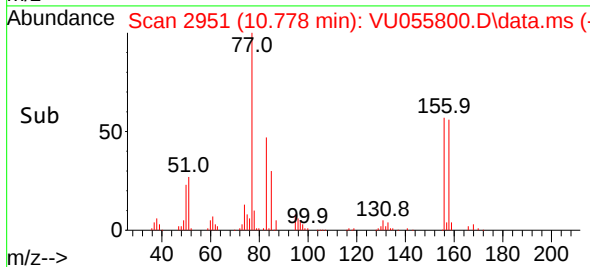
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

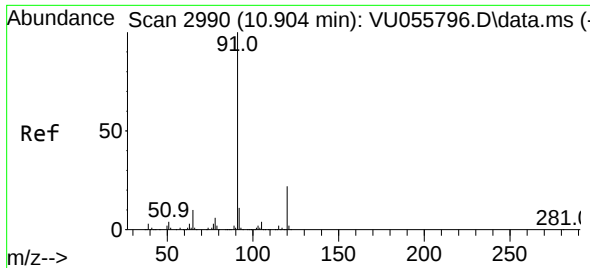


#72
Bromobenzene
Concen: 2.097 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



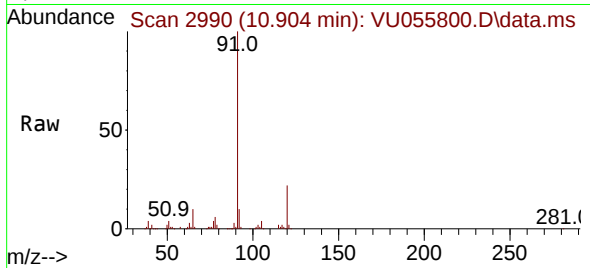
Tgt Ion:	156	Resp:	65769
Ion Ratio	Lower	Upper	
156	100		
77	178.2	0.0	343.0
158	100.2	0.0	194.8





#73
n-propylbenzene
Concen: 2.092 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

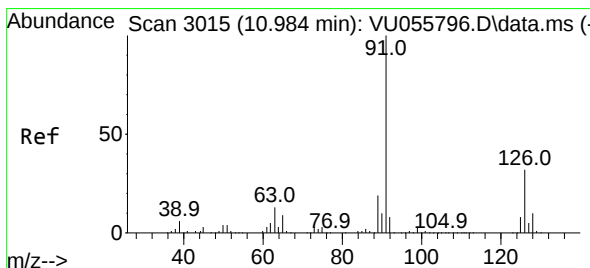
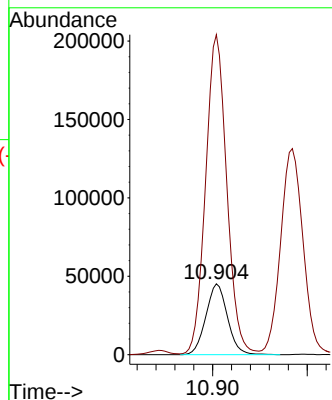
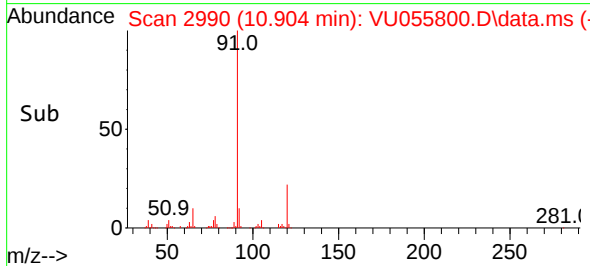
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion:120 Resp: 71330
Ion Ratio Lower Upper
120 100
91 441.7 369.8 554.6

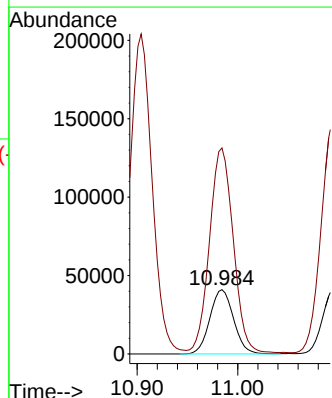
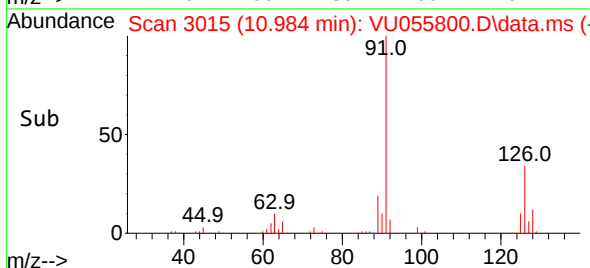
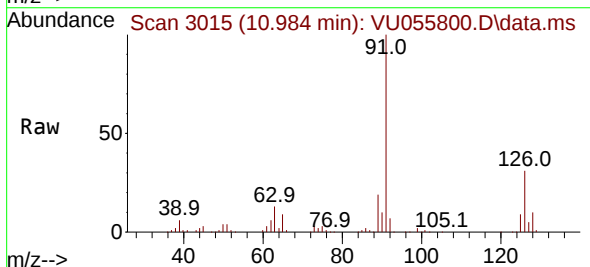
Manual Integrations
APPROVED

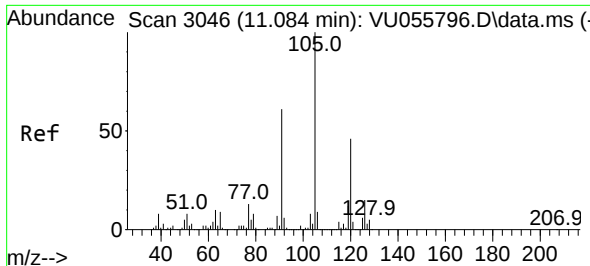
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#74
2-Chlorotoluene
Concen: 2.132 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

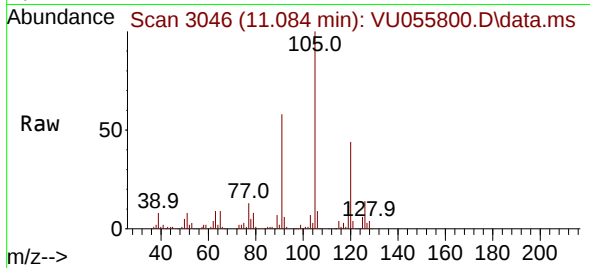
Tgt Ion:126 Resp: 67177
Ion Ratio Lower Upper
126 100
91 320.7 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 2.123 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

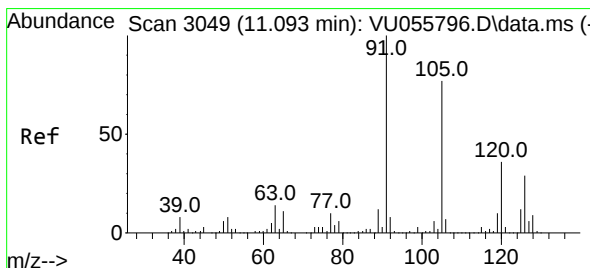
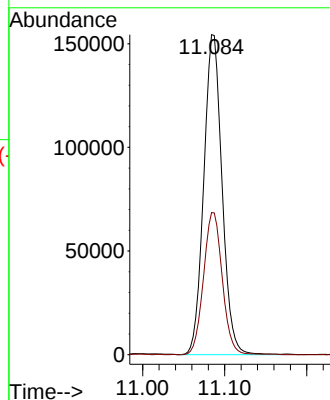
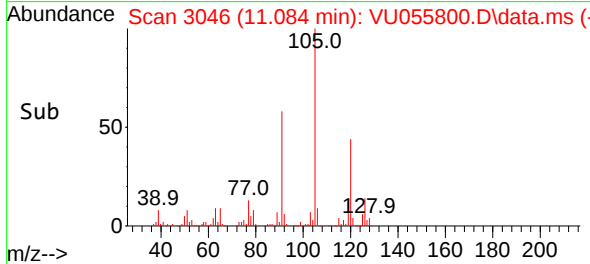
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



Tgt Ion:105 Resp: 240170
Ion Ratio Lower Upper
105 100
120 45.5 37.8 56.8

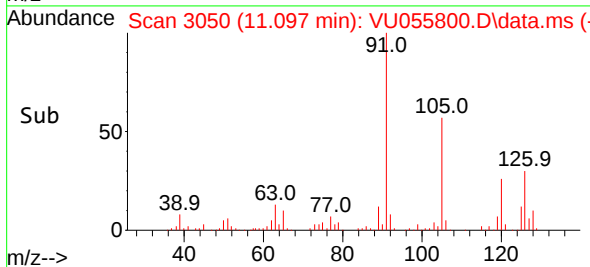
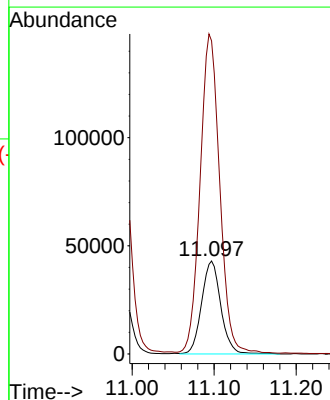
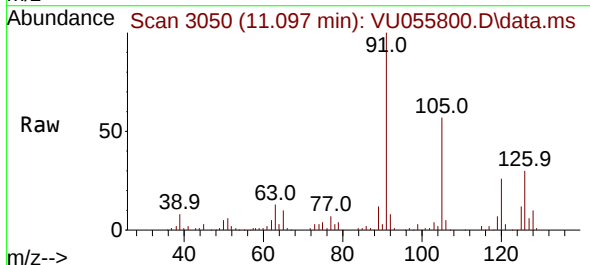
Manual Integrations
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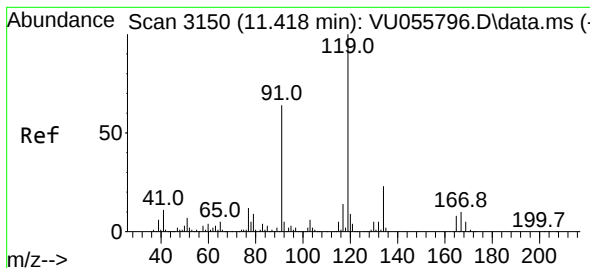
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#76
4-Chlorotoluene
Concen: 2.172 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion:126 Resp: 69750
Ion Ratio Lower Upper
126 100
91 349.9 0.0 686.2





#77

tert-Butylbenzene

Concen: 2.103 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

Tgt Ion:119 Resp: 213594

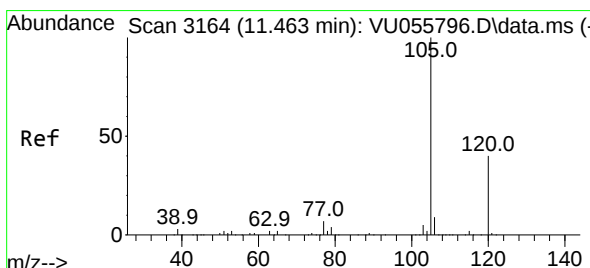
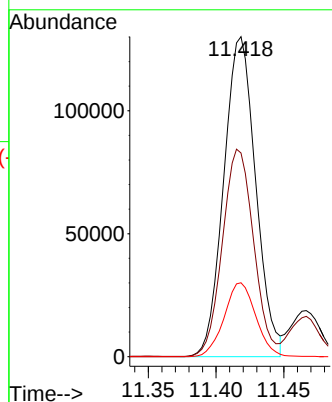
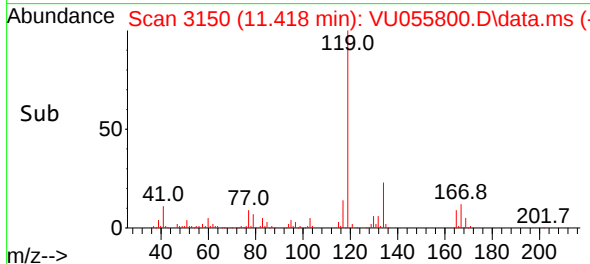
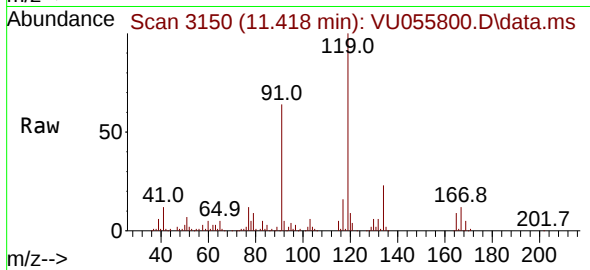
Ion	Ratio	Lower	Upper
119	100		
91	62.9	30.8	92.4
134	22.9	18.0	27.0

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#78

1,2,4-Trimethylbenzene

Concen: 2.073 ug/l

RT: 11.467 min Scan# 3165

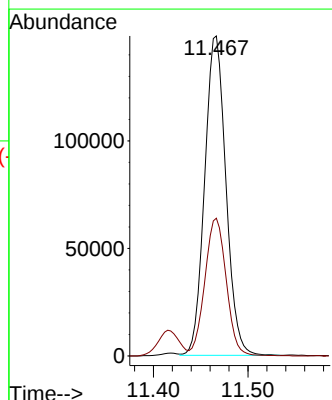
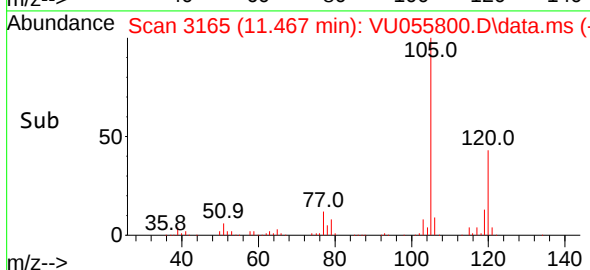
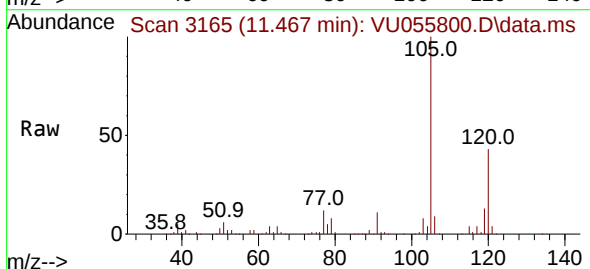
Delta R.T. 0.004 min

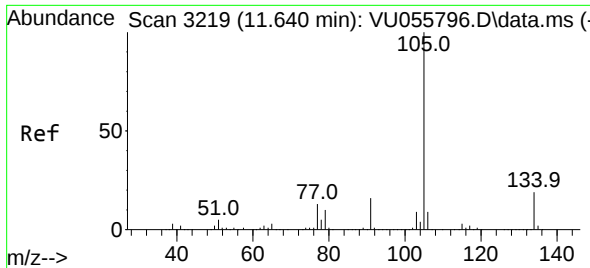
Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Tgt Ion:105 Resp: 232062

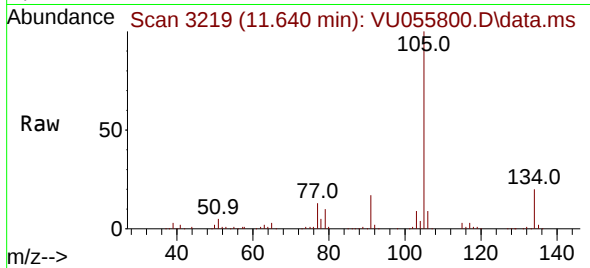
Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.9	65.8





#79
 sec-Butylbenzene
 Concen: 1.988 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55

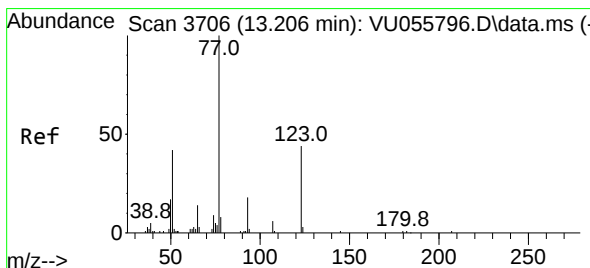
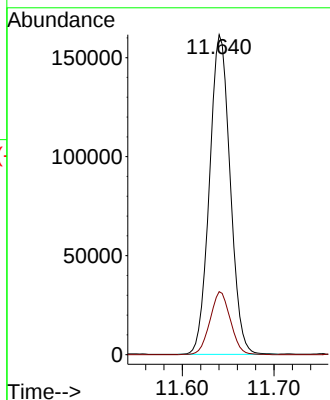
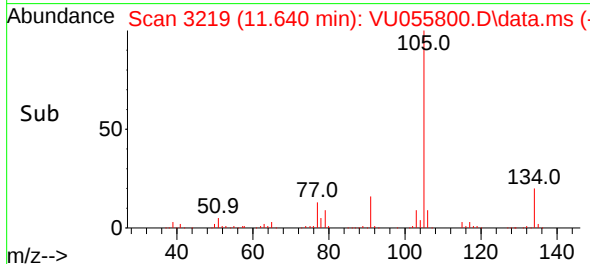
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBS01



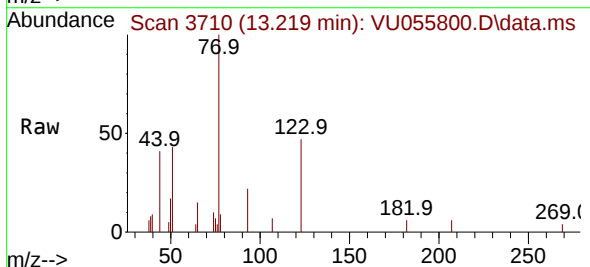
Tgt Ion:105 Resp: 253179
 Ion Ratio Lower Upper
 105 100
 134 19.5 14.9 22.3

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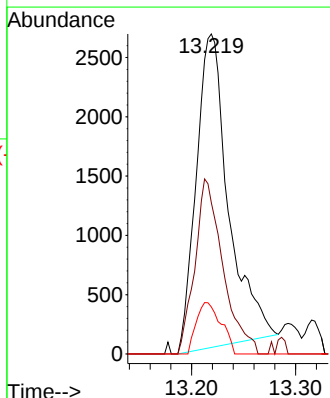
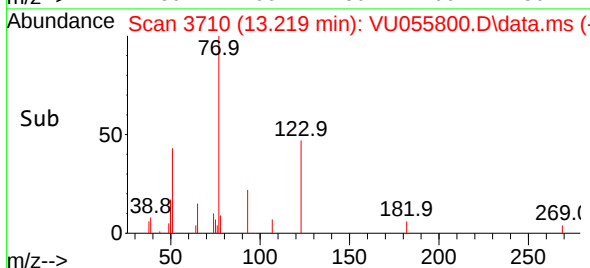
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023

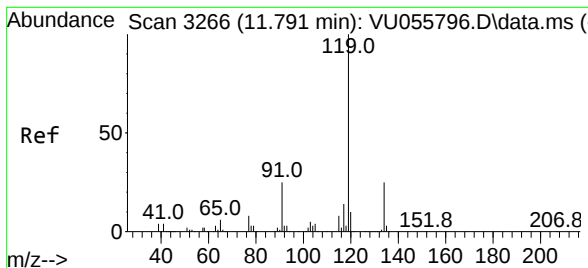


#80
 Nitrobenzene
 Concen: 9.130 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.013 min
 Lab File: VU055800.D
 Acq: 18 Oct 2023 15:55



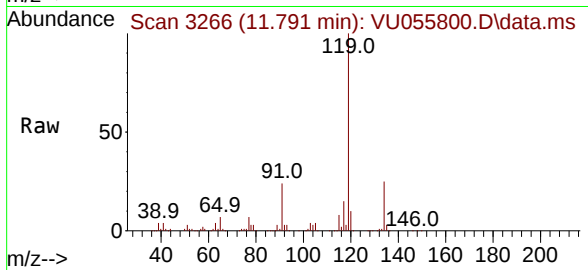
Tgt Ion: 77 Resp: 5707
 Ion Ratio Lower Upper
 77 100
 123 48.4 19.7 69.7
 65 12.6 11.5 14.7





#81
p-Isopropyltoluene
Concen: 1.968 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

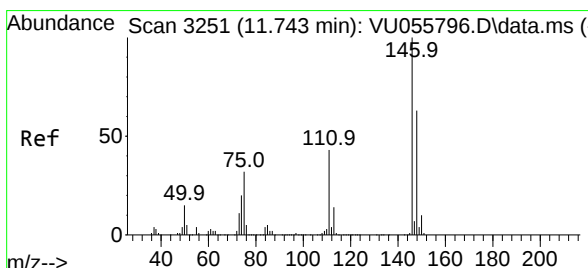
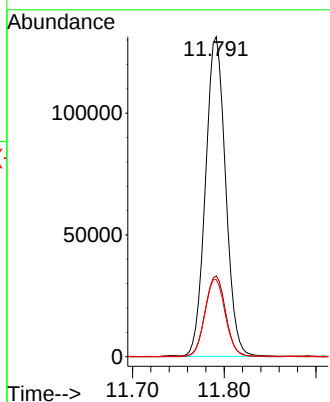
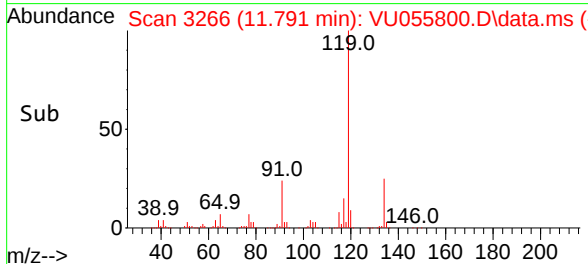
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01



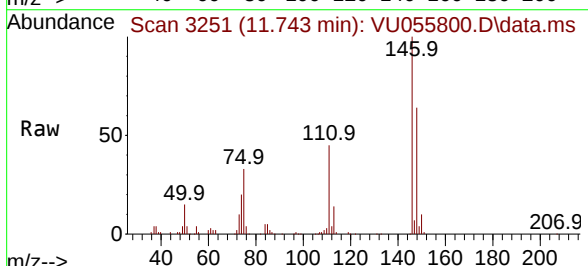
Tgt Ion:119 Resp: 200074
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.4
91 24.4 19.3 28.9

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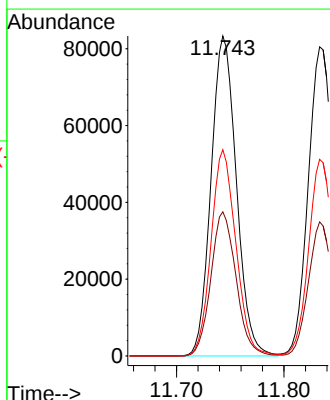
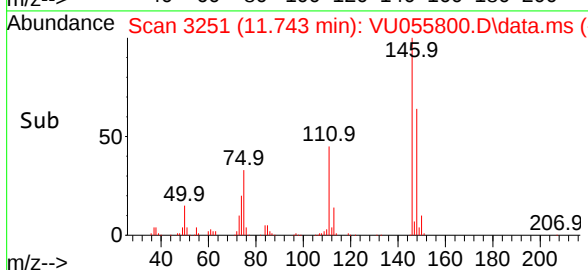
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

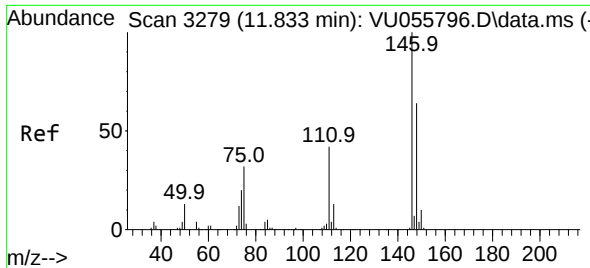


#82
1,3-Dichlorobenzene
Concen: 2.132 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55



Tgt Ion:146 Resp: 136464
Ion Ratio Lower Upper
146 100
111 44.8 32.6 49.0
148 63.3 51.0 76.4





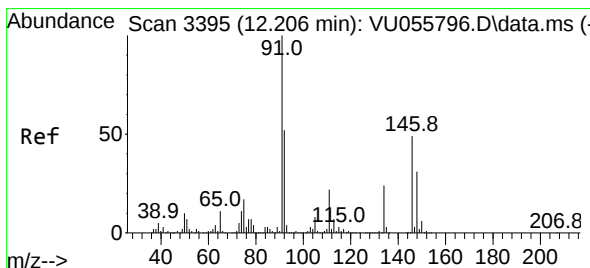
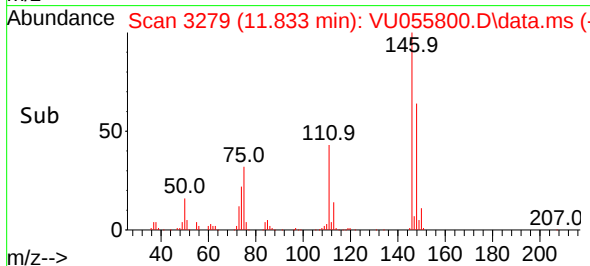
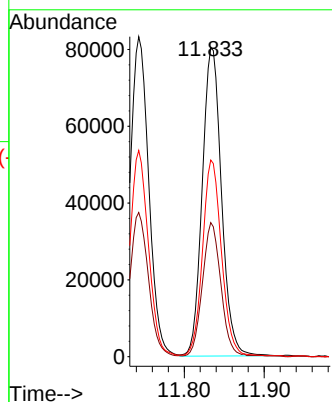
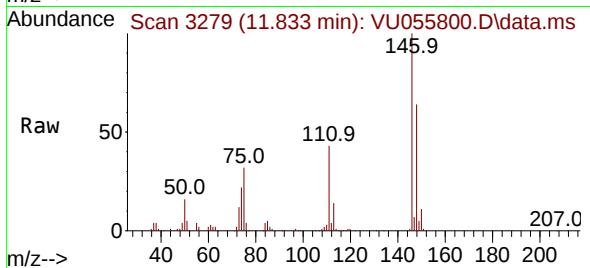
#83
1,4-Dichlorobenzene
Concen: 2.175 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion:146 Resp: 13476
Ion Ratio Lower Upper
146 100
111 41.0 31.6 47.4
148 62.3 50.3 75.5

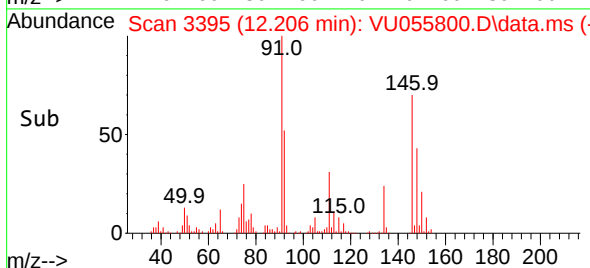
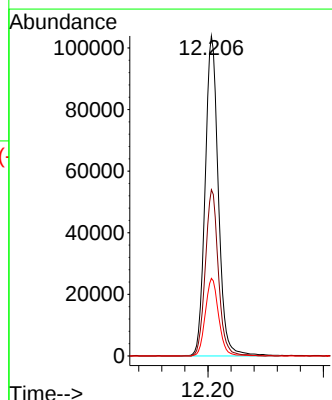
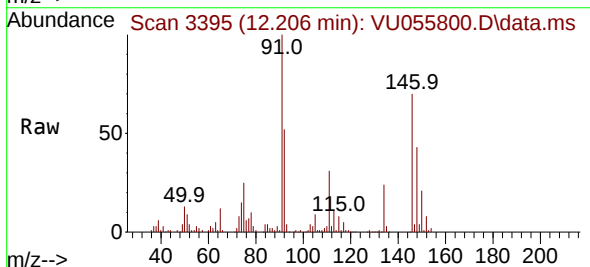
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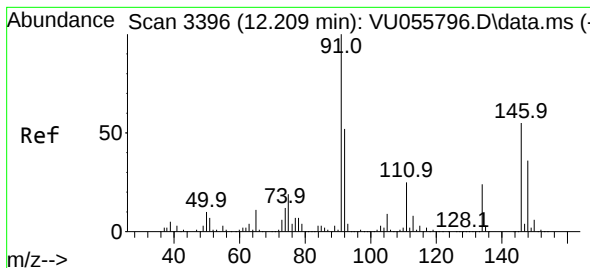
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#84
n-Butylbenzene
Concen: 1.925 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion: 91 Resp: 164932
Ion Ratio Lower Upper
91 100
92 51.2 40.8 61.2
134 24.4 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 2.153 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBS01

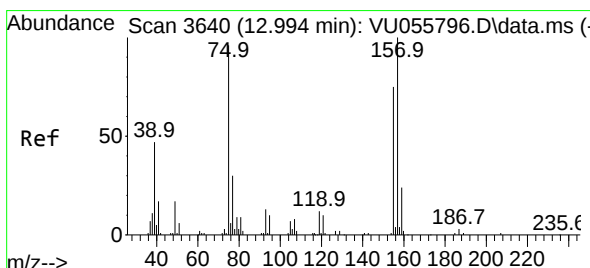
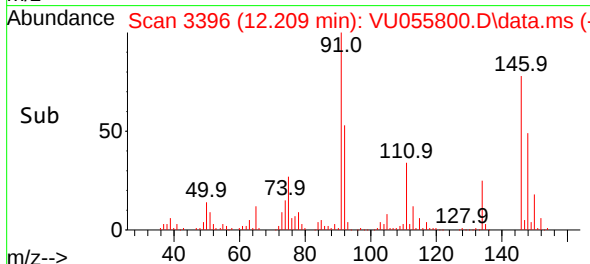
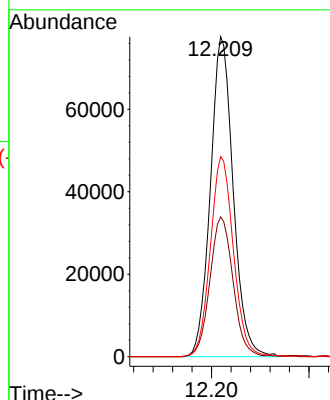
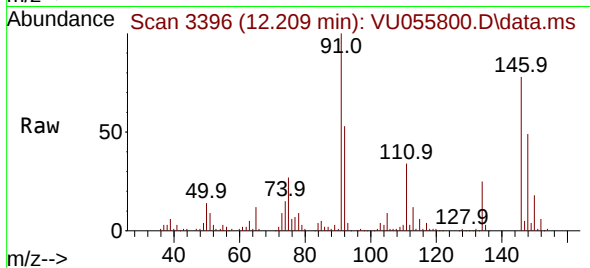
Tgt Ion:	146	Resp:	12595
Ion Ratio	Lower	Upper	
146	100		
111	44.3	21.6	64.6
148	63.5	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.069 ug/l

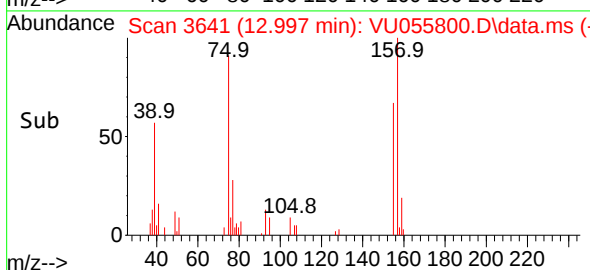
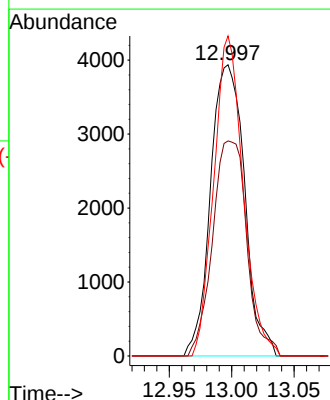
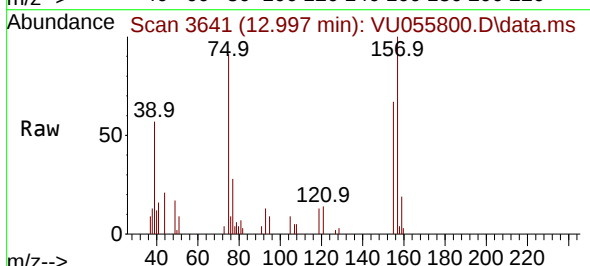
RT: 12.997 min Scan# 3641

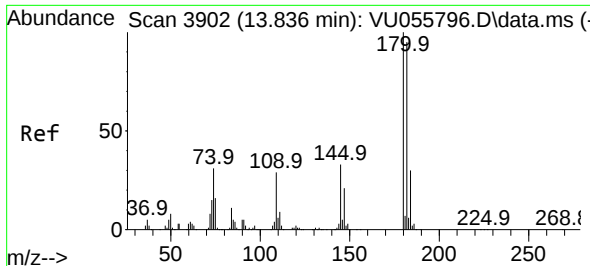
Delta R.T. 0.003 min

Lab File: VU055800.D

Acq: 18 Oct 2023 15:55

Tgt Ion:	75	Resp:	7470
Ion Ratio	Lower	Upper	
75	100		
155	74.3	61.8	92.8
157	95.0	80.2	120.4





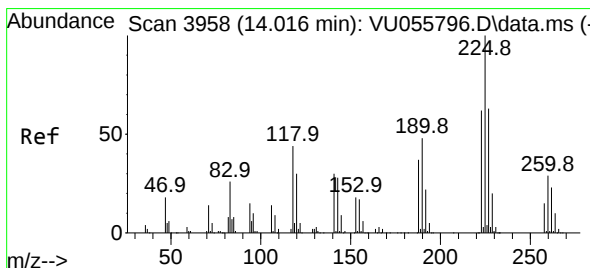
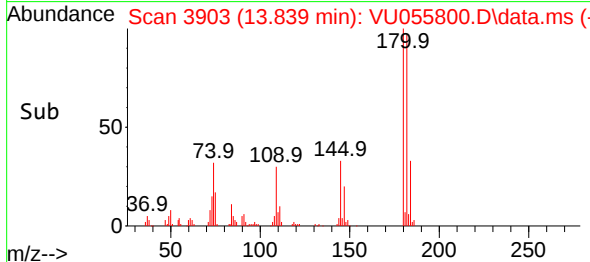
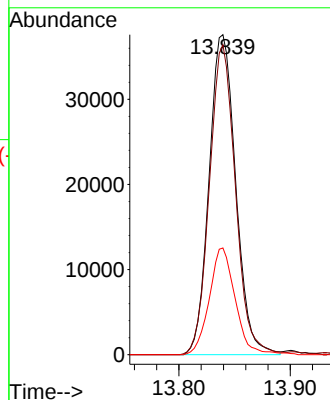
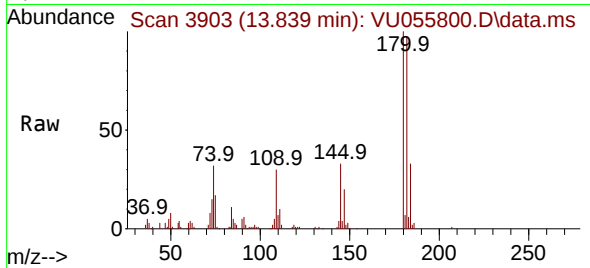
#87
1,2,4-Trichlorobenzene
Concen: 1.991 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion:180 Resp: 62520
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 32.5 23.9 35.9

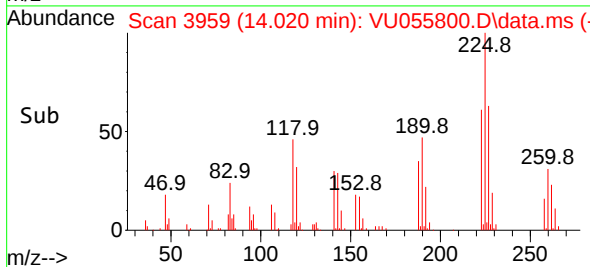
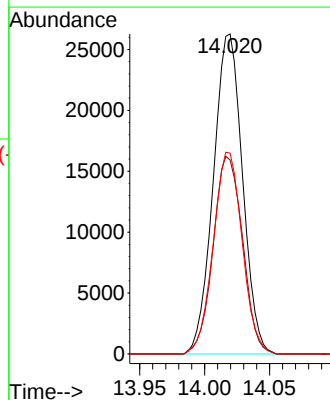
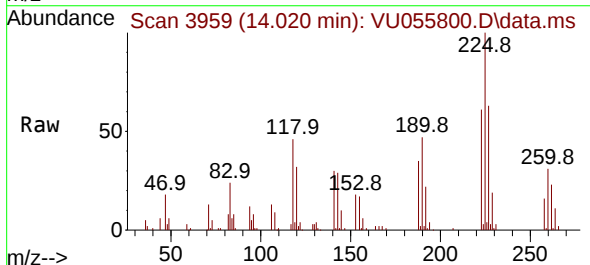
Manual Integrations
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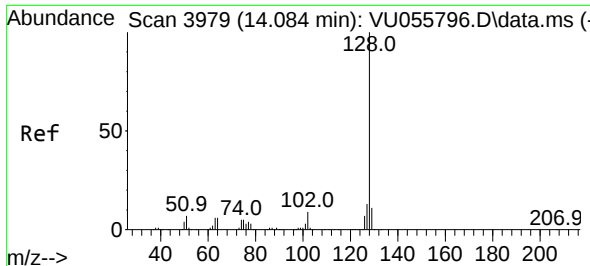
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#88
Hexachlorobutadiene
Concen: 1.856 ug/l
RT: 14.020 min Scan# 3959
Delta R.T. 0.004 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion:225 Resp: 40977
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 62.6 51.5 77.3





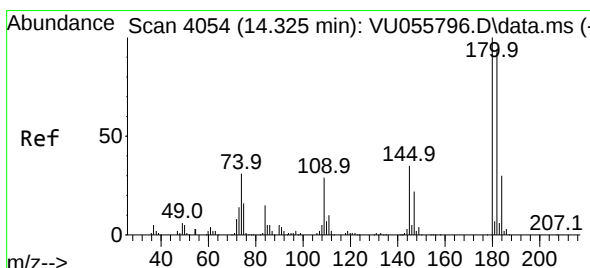
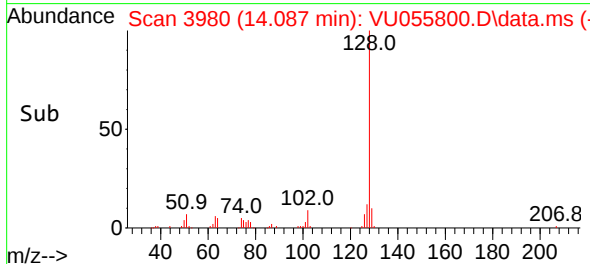
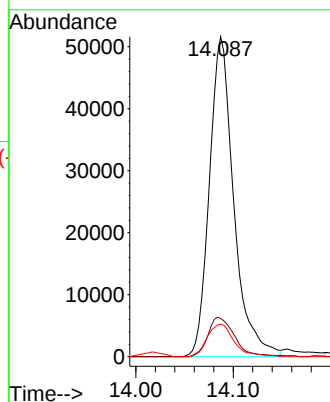
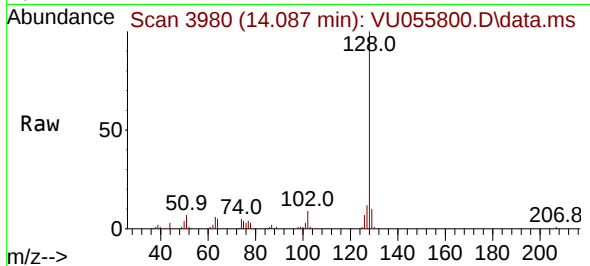
#89
Naphthalene
Concen: 2.049 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBS01

Tgt Ion:128 Resp: 89792
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#90
1,2,3-Trichlorobenzene
Concen: 2.037 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055800.D
Acq: 18 Oct 2023 15:55

Tgt Ion:180 Resp: 55026
Ion Ratio Lower Upper
180 100
182 93.4 75.7 113.5
145 33.8 26.1 39.1

