

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
 Data File : VU055810.D
 Acq On : 19 Oct 2023 11:20
 Operator : MD/SY
 Sample : VU1019WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1019WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 20 01:37:13 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	71360	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	29208	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	28173	1.080	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	51744	1.867	ug/l	97
3) Chloromethane	1.515	50	33071	1.396	ug/l	96
4) Vinyl Chloride	1.599	62	34038	1.402	ug/l	100
5) Bromomethane	1.856	94	23980	1.795	ug/l	93
6) Chloroethane	1.930	64	17980	1.529	ug/l	100
7) Trichlorofluoromethane	2.132	101	56463	1.764	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	39904	1.870	ug/l	93
9) 1,1-Dichloroethene	2.576	96	35740	1.796	ug/l	91
10) Iodomethane	2.718	142	52759	1.779	ug/l	97
11) Allyl Chloride	2.920	41	45126	1.744	ug/l	100
12) Acrylonitrile	3.325	53	13727	3.670	ug/l	89
13) Acetone	2.641	43	62659	7.853	ug/l	97
14) Carbon Disulfide	2.788	76	121389	1.868	ug/l	99
15) Methylene Chloride	3.039	84	46069	1.962	ug/l	88
16) trans-1,2-Dichloroethene	3.351	96	41255	1.956	ug/l	91
17) 1,1-Dichloroethane	3.866	63	77547	1.977	ug/l	99
18) 2-Butanone	4.714	43	69421	8.076	ug/l	98
19) Cyclohexane	5.383	56	63587m	1.900	ug/l	
20) Methylcyclohexane	6.759	83	63113	1.815	ug/l	98
21) 2,2-Dichloropropane	4.660	77	62740	1.899	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	43046	1.914	ug/l	97
23) Diethyl Ether	2.370	59	16526	1.389	ug/l	88
24) tert-Butyl Alcohol	3.229	59	23492m	19.250	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	81556	1.904	ug/l	98
26) Bromochloromethane	4.968	128	18554	1.947	ug/l	93
27) Chloroform	5.084	83	79301	1.970	ug/l	95
28) 1,1,1-Trichloroethane	5.312	97	71355	1.978	ug/l	96
29) 1,1-Dichloropropene	5.525	75	55613	1.946	ug/l	99
30) Carbon Tetrachloride	5.521	117	64666	2.053	ug/l	97
31) Isopropyl Ether	3.985	45	92588	1.757	ug/l	98
32) Ethyl-t-butyl ether	4.496	59	93571	1.839	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	81801	1.876	ug/l	97
34) Propionitrile	4.801	54	12567	9.241	ug/l	# 11
35) Benzene	5.769	78	166723	1.926	ug/l	98
36) 1,2-Dichloroethane	5.792	62	43560	1.853	ug/l	# 95
37) Trichloroethene	6.541	130	43896	1.949	ug/l	96
38) 1,2-Dichloropropane	6.788	63	41742	1.846	ug/l	99
39) Methacrylonitrile	4.978	41	9382	1.850	ug/l	# 90
40) Methyl acrylate	4.859	55	14307	1.854	ug/l	# 93
41) Tetrahydrofuran	5.065	42	9344	3.252	ug/l	93
42) 1-Chlorobutane	5.454	56	71918	1.888	ug/l	96
43) Dibromomethane	6.917	93	22595	2.103	ug/l	98
44) Bromodichloromethane	7.103	83	54862	1.932	ug/l	98

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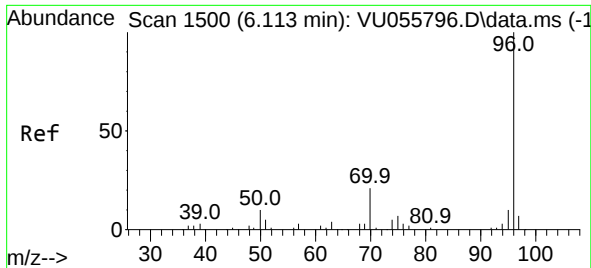
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 03:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	94201	8.477	ug/l	97
46) t-1,4-Dichloro-2-butene	10.830	75	15378m	3.479	ug/l	
47) Methyl methacrylate	6.959	69	32899	3.711	ug/l	95
48) Ethyl methacrylate	8.332	69	34338	2.107	ug/l	89
49) Toluene	7.968	92	105633	2.062	ug/l	95
50) t-1,3-Dichloropropene	8.209	75	45595	1.814	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	60780	1.976	ug/l	97
52) 1,1,2-Trichloroethane	8.399	97	30501	1.987	ug/l	97
53) 1,3-Dichloropropane	8.573	76	49053	1.870	ug/l	99
54) 2-Hexanone	8.685	43	91633	7.360	ug/l	98
55) Dibromochloromethane	8.807	129	35770	1.931	ug/l	100
56) 1,2-Dibromoethane	8.923	107	30761	2.194	ug/l	97
58) Tetrachloroethene	8.550	164	48908	2.088	ug/l	97
59) Chlorobenzene	9.444	112	109059	1.927	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	39509	1.959	ug/l	95
61) Pentachloroethane	11.425	117	26994	1.978	ug/l	93
62) Hexachloroethane	12.473	117	26496	1.972	ug/l	94
63) Ethyl Benzene	9.569	91	181012	1.885	ug/l	98
64) m/p-Xylenes	9.692	106	142183	3.852	ug/l	98
65) o-Xylene	10.100	106	73415	2.027	ug/l	96
66) Styrene	10.113	104	117589	2.076	ug/l	99
67) Bromoform	10.290	173	19131	1.923	ug/l	97
69) Isopropylbenzene	10.483	105	190518	2.043	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	34431	1.918	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	28198m	1.896	ug/l	
72) Bromobenzene	10.782	156	43605	1.960	ug/l	100
73) n-propylbenzene	10.904	120	45470	1.926	ug/l	93
74) 2-Chlorotoluene	10.984	126	44629	1.996	ug/l	100
75) 1,3,5-Trimethylbenzene	11.087	105	166030	2.080	ug/l	99
76) 4-Chlorotoluene	11.097	126	48791	2.142	ug/l	94
77) tert-Butylbenzene	11.418	119	140643	1.986	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	149006	1.918	ug/l	100
79) sec-Butylbenzene	11.640	105	162719	1.851	ug/l	99
80) Nitrobenzene	13.216	77	3904m	8.911	ug/l	
81) p-Isopropyltoluene	11.791	119	129976	1.849	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	91040	2.004	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	86801	1.975	ug/l	97
84) n-Butylbenzene	12.206	91	116233	1.916	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	87796	2.115	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.000	75	4662	1.820	ug/l	99
87) 1,2,4-Trichlorobenzene	13.839	180	44475	1.995	ug/l	98
88) Hexachlorobutadiene	14.019	225	31237	1.994	ug/l	98
89) Naphthalene	14.087	128	56606	1.896	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	35434	1.894	ug/l	97

(#) = 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: VU055810.D
Acq: 19 Oct 2023 11:20

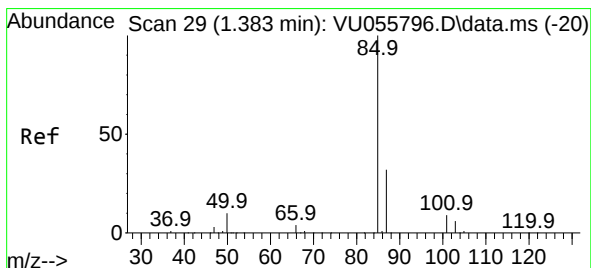
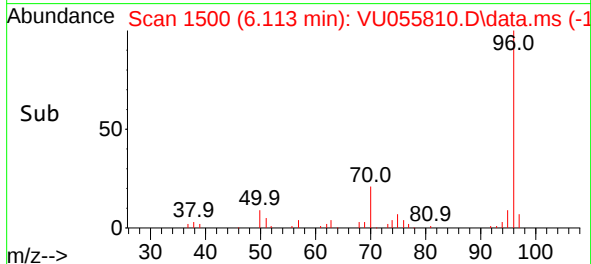
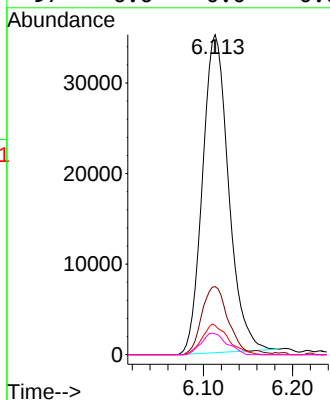
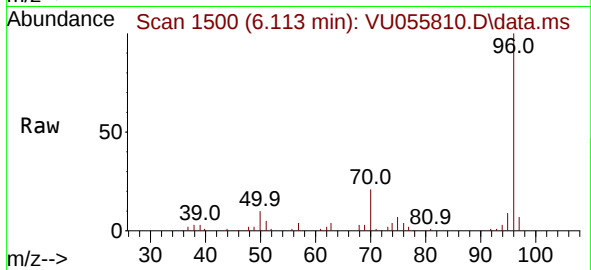
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 96 Resp: 71360

Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.5	24.7
95	9.6	7.4	11.0
97	6.6	0.0	0.0

Manual Integrations
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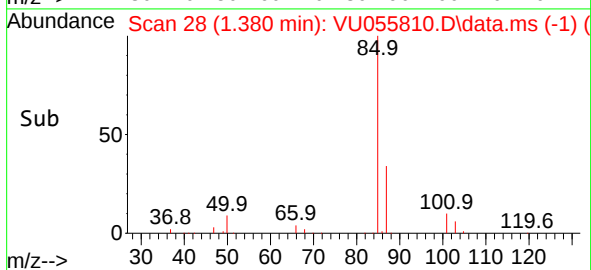
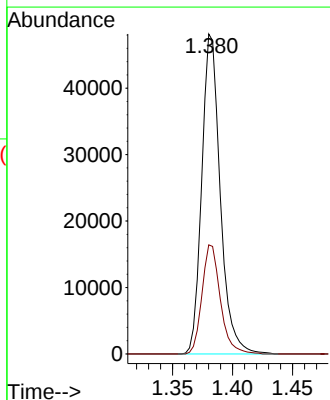
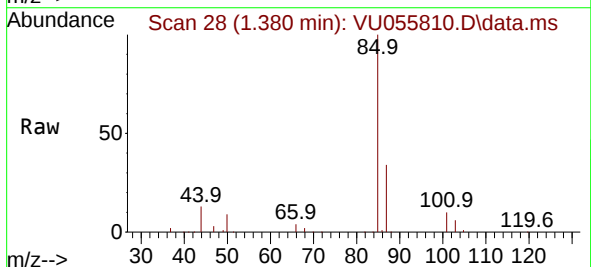
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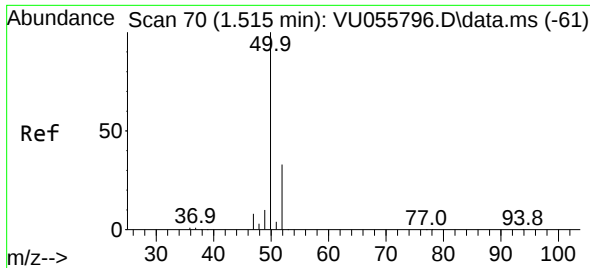


#2
Dichlorodifluoromethane
Concen: 1.867 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion: 85 Resp: 51744

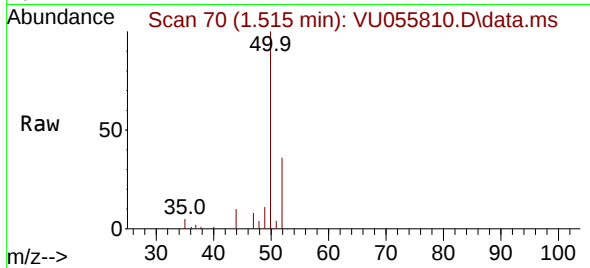
Ion	Ratio	Lower	Upper
85	100		
87	34.1	16.2	48.6





#3
Chloromethane
Concen: 1.396 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

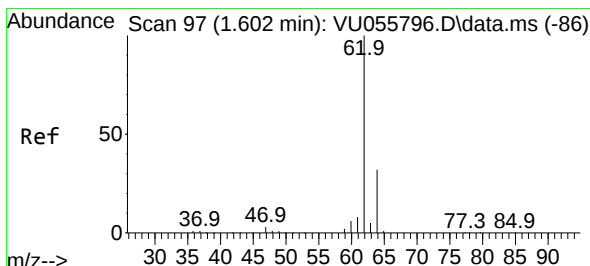
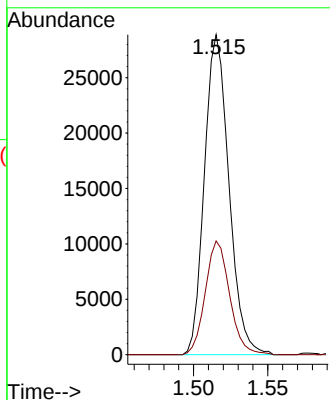
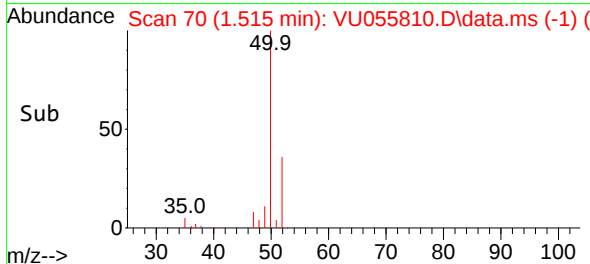
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



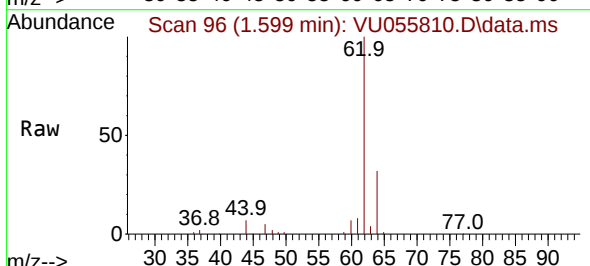
Tgt Ion: 50 Resp: 3307
Ion Ratio Lower Upper
50 100
52 35.6 26.6 40.0

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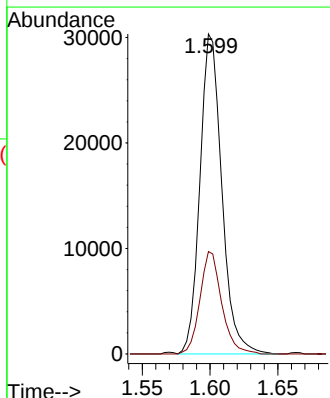
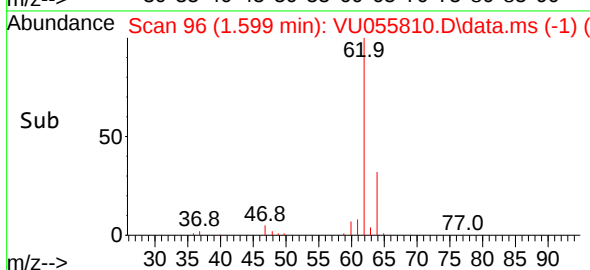
Reviewed By :John Carlone 10/20/2023
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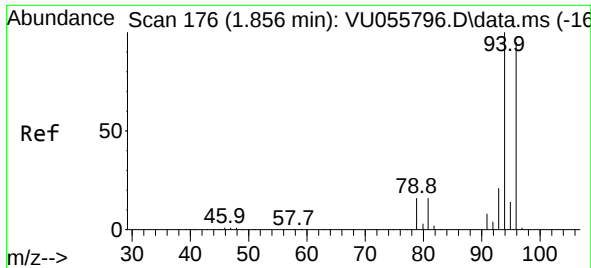


#4
Vinyl Chloride
Concen: 1.402 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion: 62 Resp: 34038
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2





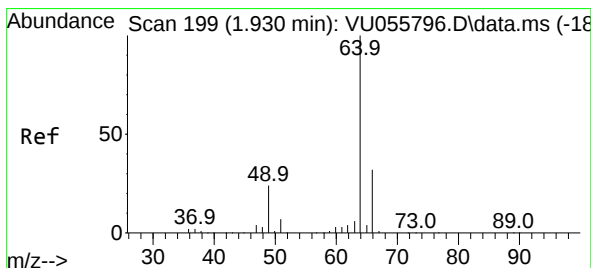
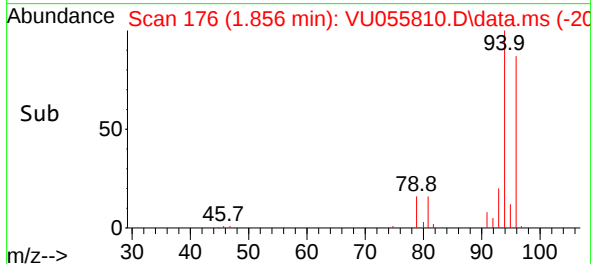
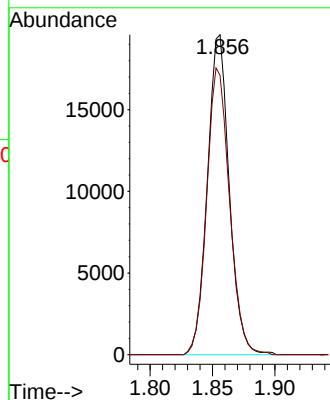
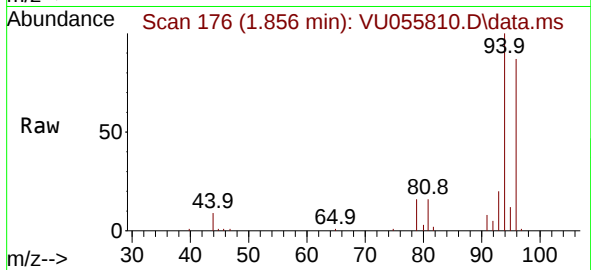
#5
Bromomethane
Concen: 1.795 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 94 Resp: 23980
Ion Ratio Lower Upper
94 100
96 87.3 75.4 113.2

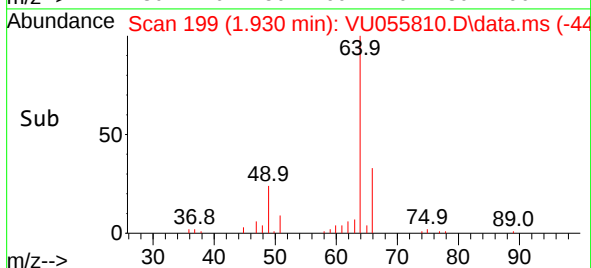
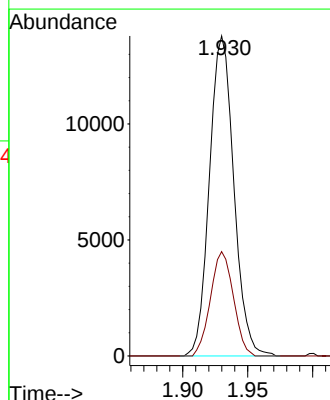
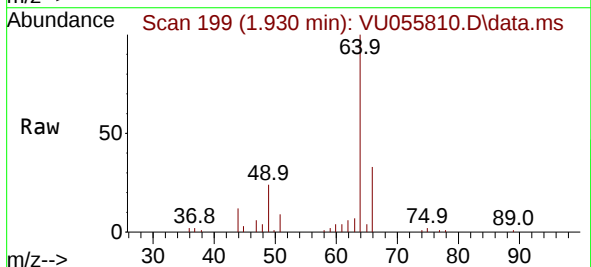
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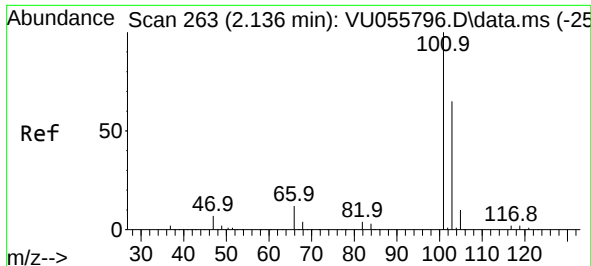
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#6
Chloroethane
Concen: 1.529 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion: 64 Resp: 17980
Ion Ratio Lower Upper
64 100
66 32.6 26.0 39.0





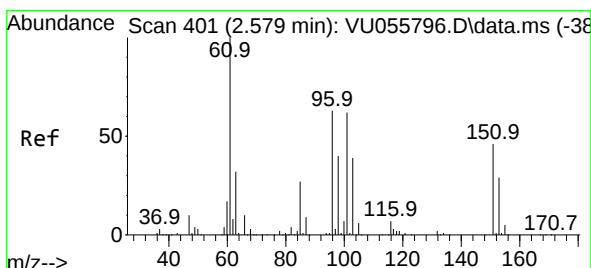
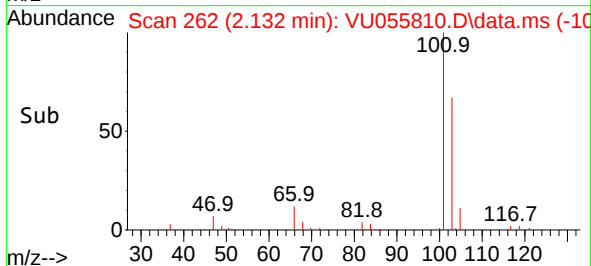
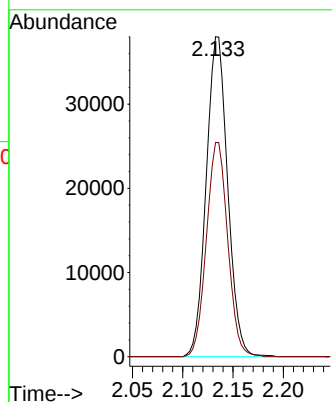
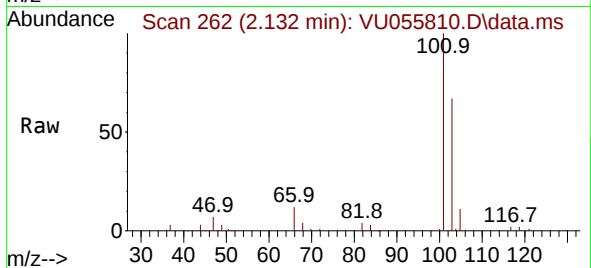
#7
 Trichlorofluoromethane
 Concen: 1.764 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.004 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:101 Resp: 5646
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.4 77.0

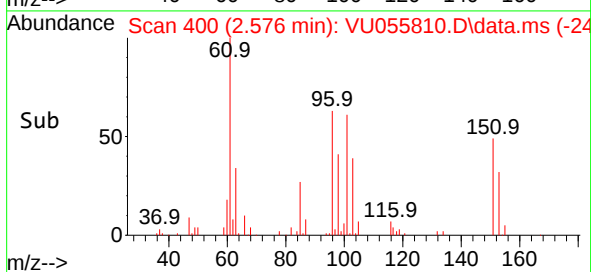
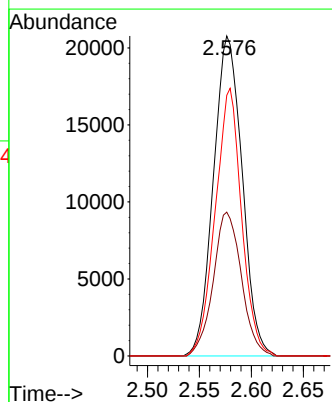
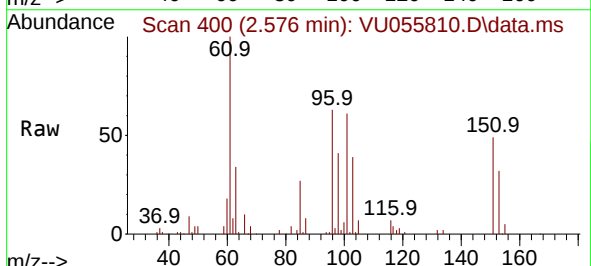
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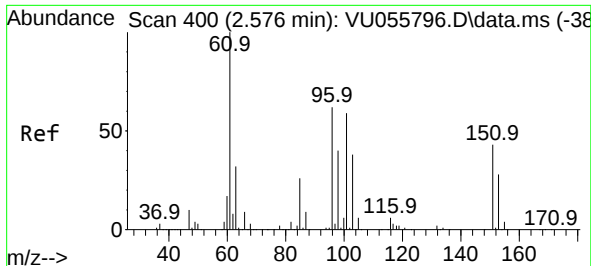
Reviewed By :John Carlone 10/20/2023
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.870 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20

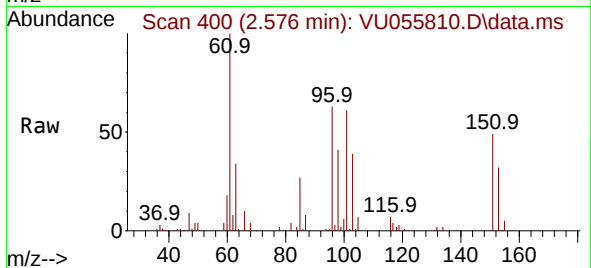
Tgt Ion:101 Resp: 39904
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.4 53.0
 151 76.9 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.796 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

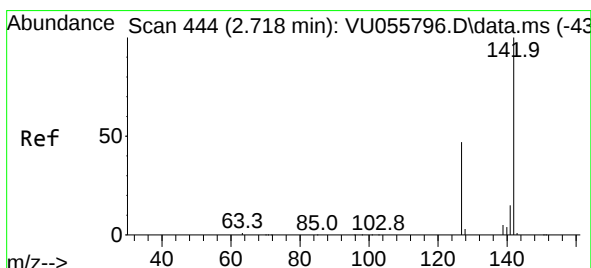
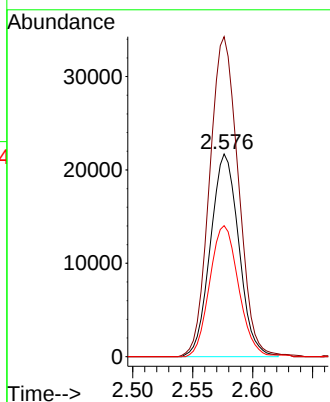
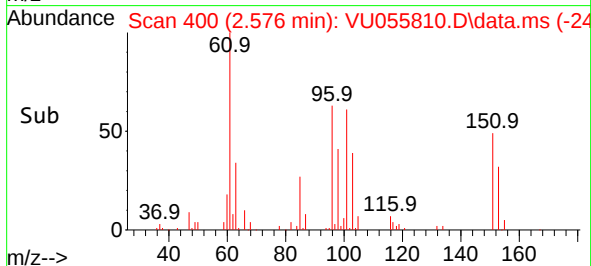
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



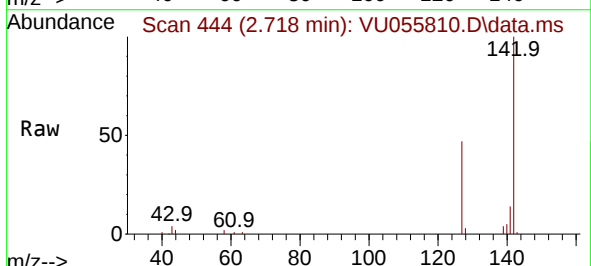
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Ion Ratio Lower Upper
96 100
61 157.8 0.0 521.4
98 64.7 0.0 125.8

Manual Integrations
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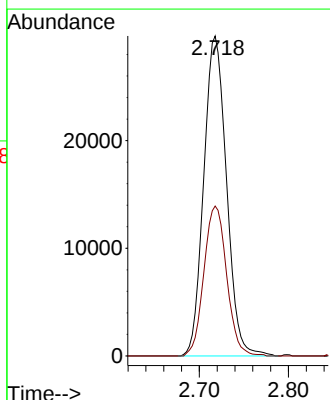
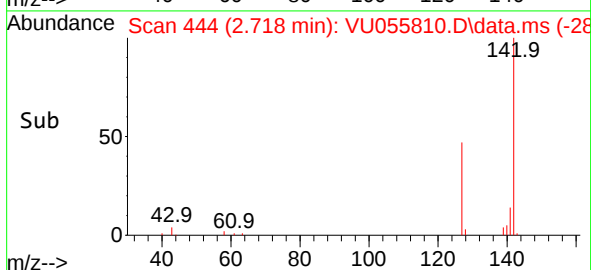
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

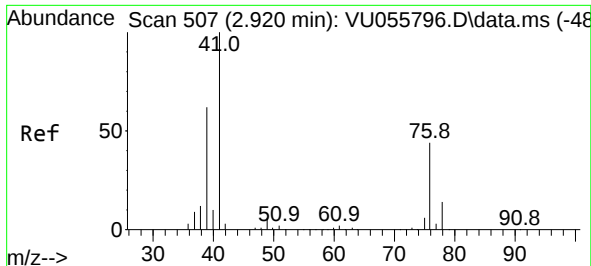


#10
Iodomethane
Concen: 1.779 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



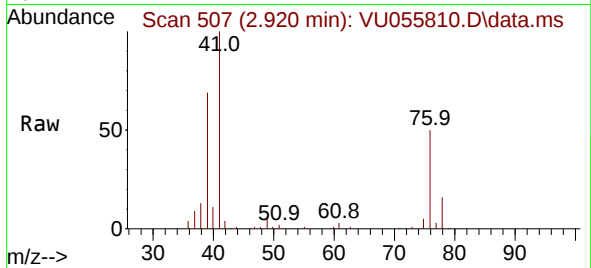
Tgt Ion:142 Resp: 52759
Ion Ratio Lower Upper
142 100
127 46.9 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.744 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20

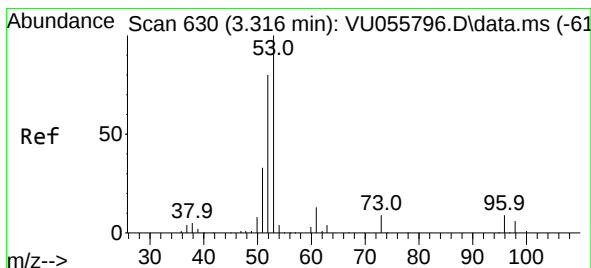
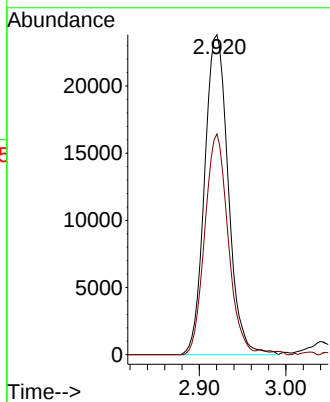
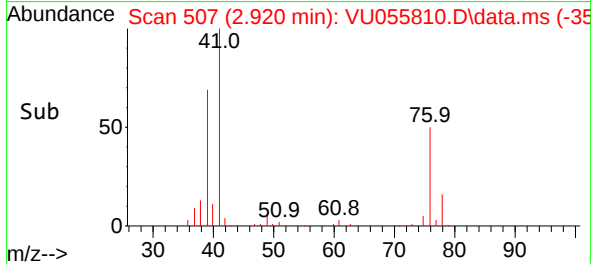
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1019WBS01



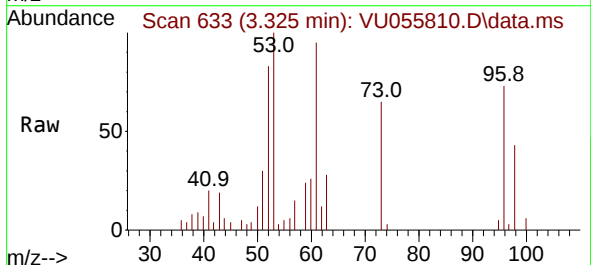
Tgt Ion: 41 Resp: 45120
 Ion Ratio Lower Upper
 41 100
 39 68.0 54.2 81.2

Manual Integrations
 APPROVED

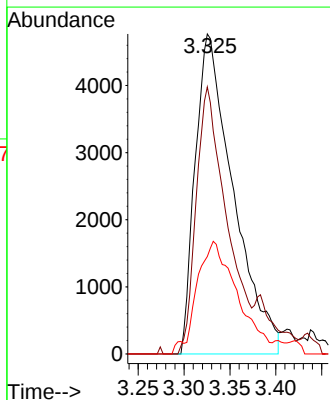
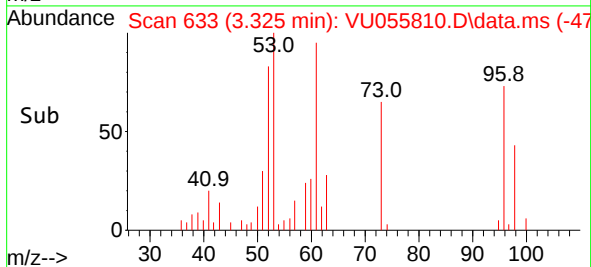
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023

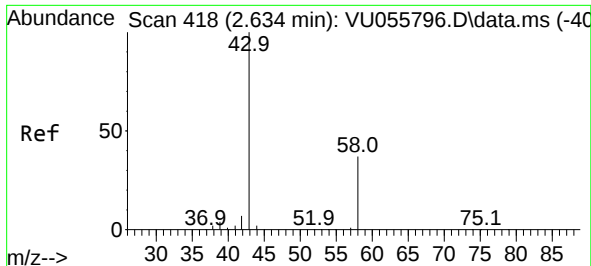


#12
 Acrylonitrile
 Concen: 3.670 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.009 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20



Tgt Ion: 53 Resp: 13727
 Ion Ratio Lower Upper
 53 100
 52 66.8 62.9 94.3
 51 37.5 27.8 41.6





#13

Acetone

Concen: 7.853 ug/l

RT: 2.641 min Scan# 418

Delta R.T. 0.007 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

Tgt Ion: 43 Resp: 6265

Ion Ratio Lower Upper

43 100

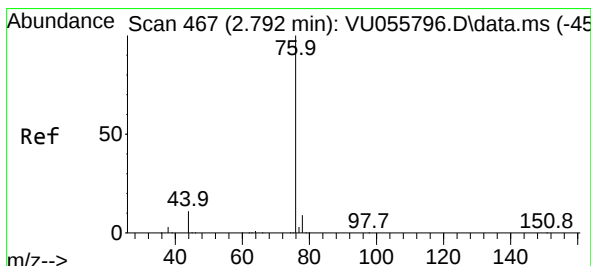
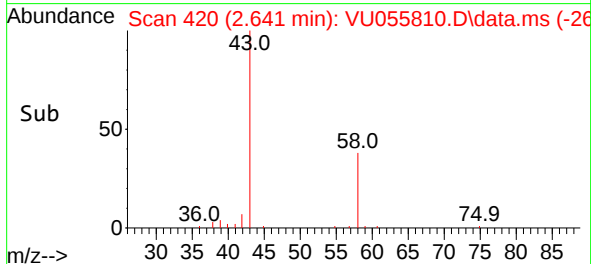
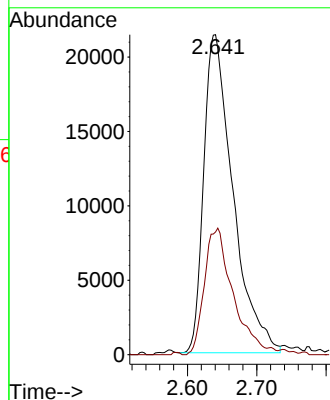
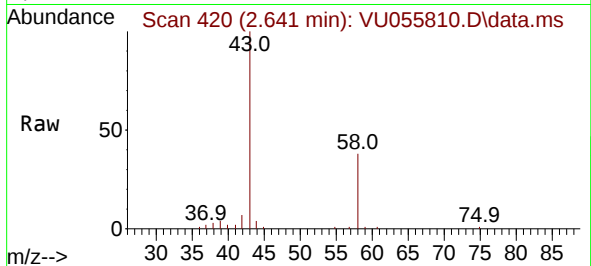
58 38.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#14

Carbon Disulfide

Concen: 1.868 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU055810.D

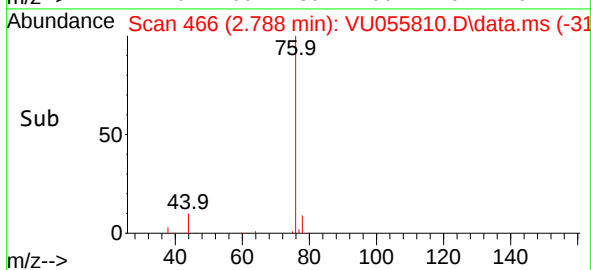
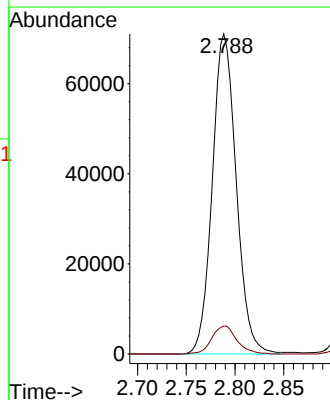
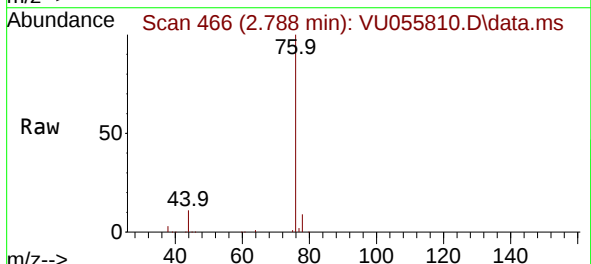
Acq: 19 Oct 2023 11:20

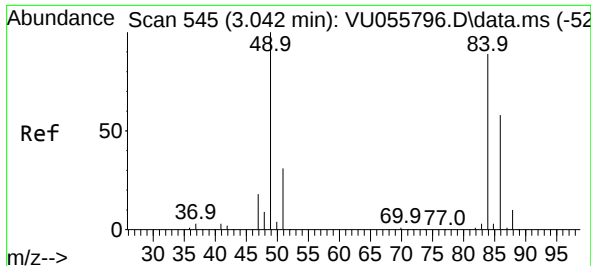
Tgt Ion: 76 Resp: 121389

Ion Ratio Lower Upper

76 100

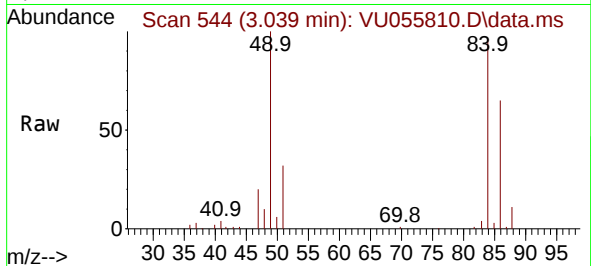
78 8.8 7.4 11.0





#15
Methylene Chloride
Concen: 1.962 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

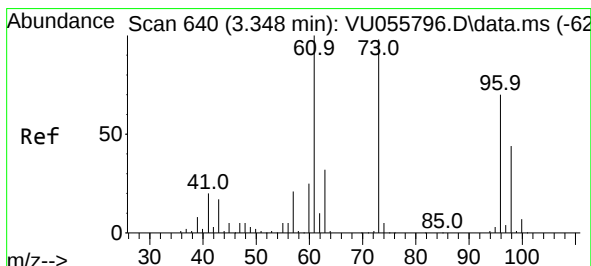
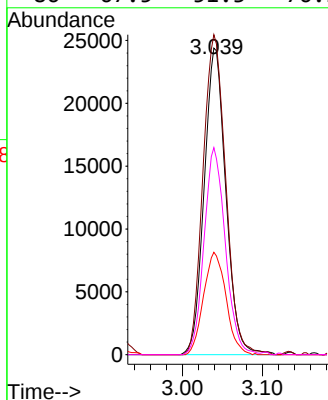
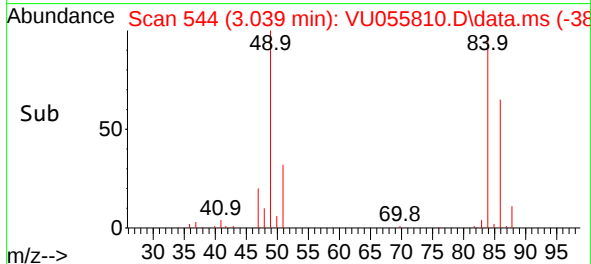
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



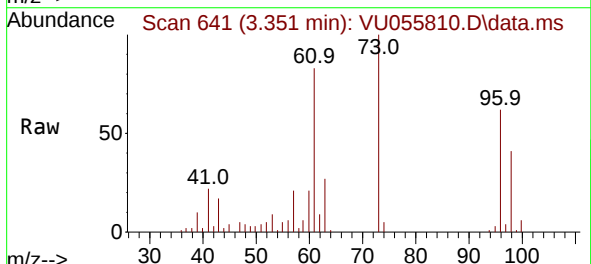
Tgt Ion: 84 Resp: 46069
Ion Ratio Lower Upper
84 100
49 104.4 98.9 148.3
51 33.4 0.0 75.4
86 67.5 51.3 76.9

Manual Integrations
APPROVED

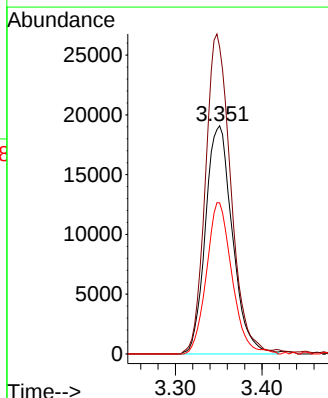
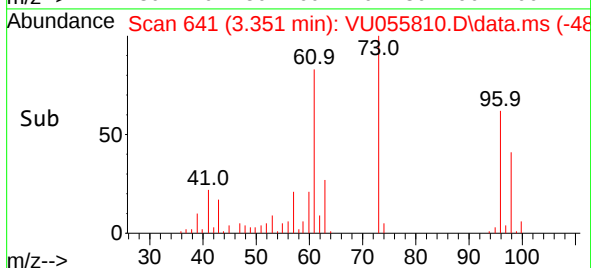
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

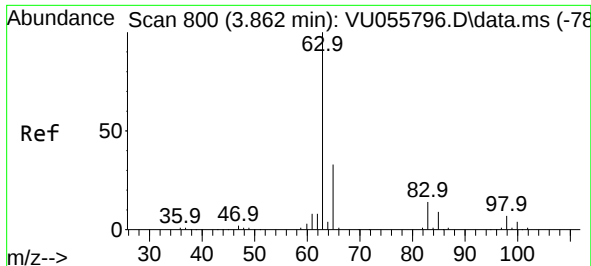


#16
trans-1,2-Dichloroethene
Concen: 1.956 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion: 96 Resp: 41255
Ion Ratio Lower Upper
96 100
61 134.5 117.5 176.3
98 66.3 48.3 72.5





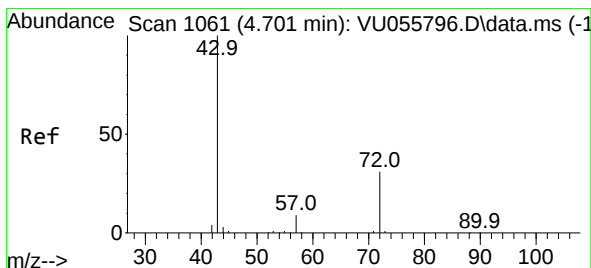
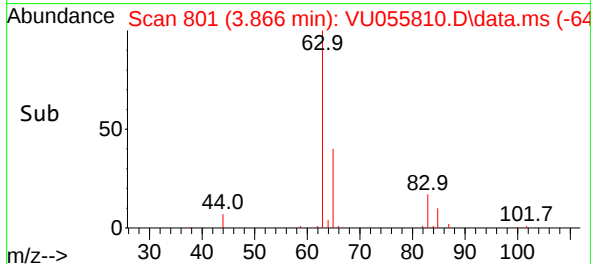
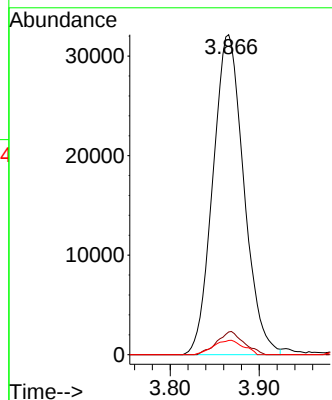
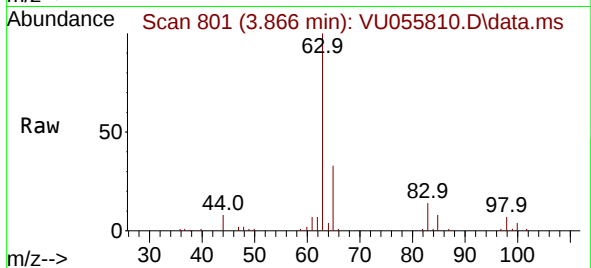
#17
1,1-Dichloroethane
Concen: 1.977 ug/l
RT: 3.866 min Scan# 800
Delta R.T. 0.004 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 63 Resp: 7754
Ion Ratio Lower Upper
63 100
98 7.1 3.4 10.1
100 4.5 2.2 6.6

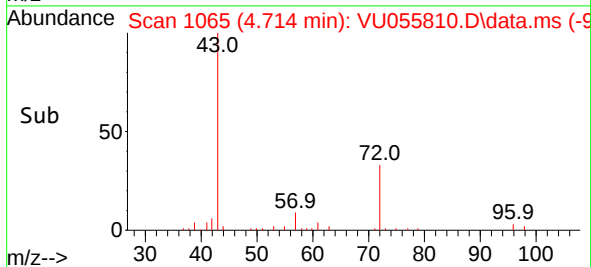
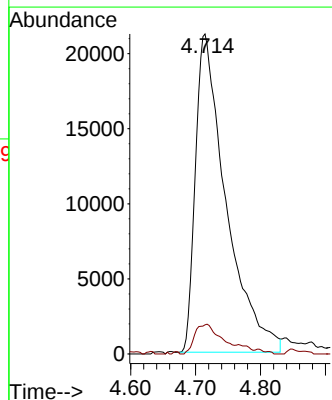
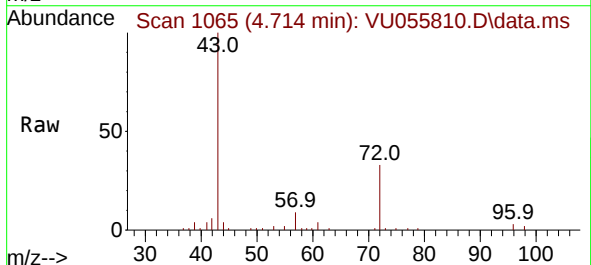
Manual Integrations
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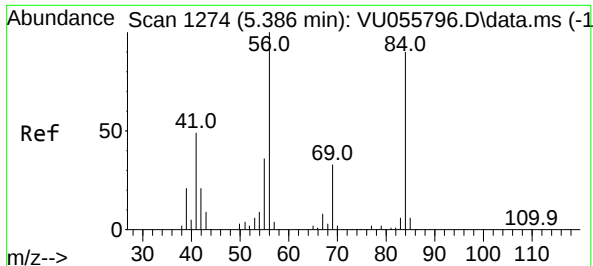
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
2-Butanone
Concen: 8.076 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion: 43 Resp: 69421
Ion Ratio Lower Upper
43 100
57 9.2 0.0 19.6





#19

Cyclohexane

Concen: 1.900 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

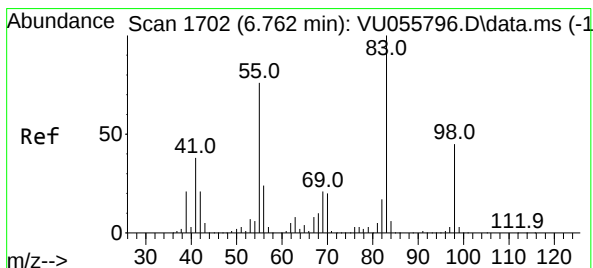
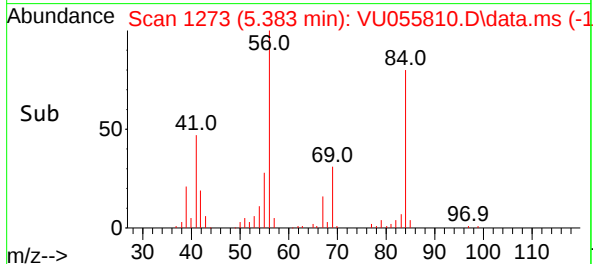
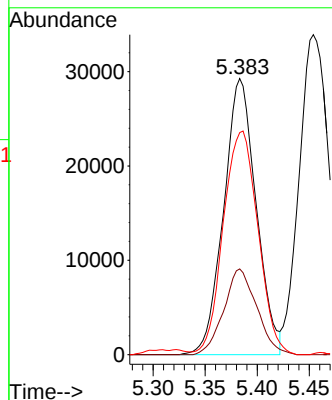
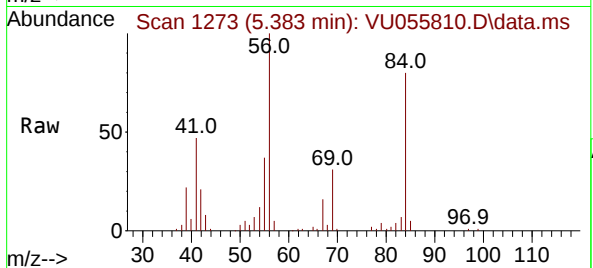
Tgt Ion:	56	Resp:	6358
Ion Ratio	Lower	Upper	
56	100		
69	31.5	24.6	37.0
84	85.1	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#20

Methylcyclohexane

Concen: 1.815 ug/l

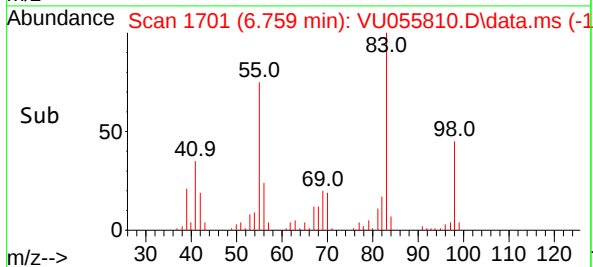
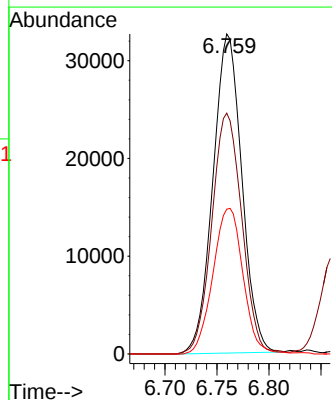
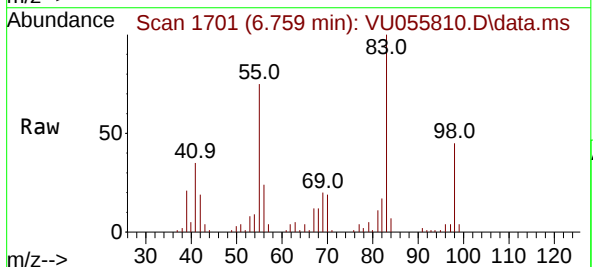
RT: 6.759 min Scan# 1701

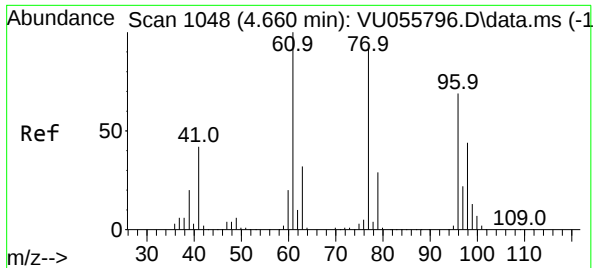
Delta R.T. -0.003 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Tgt Ion:	83	Resp:	63113
Ion Ratio	Lower	Upper	
83	100		
55	77.5	63.5	95.3
98	47.0	36.0	54.0





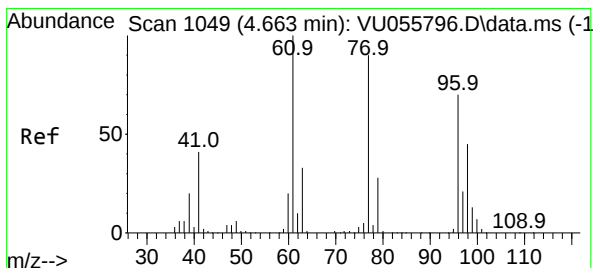
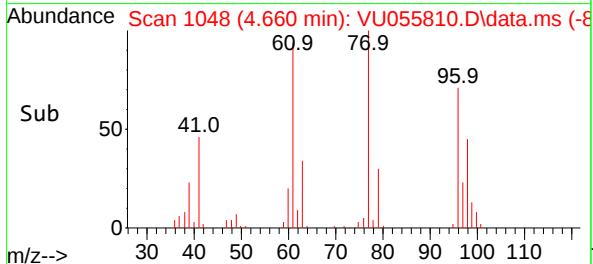
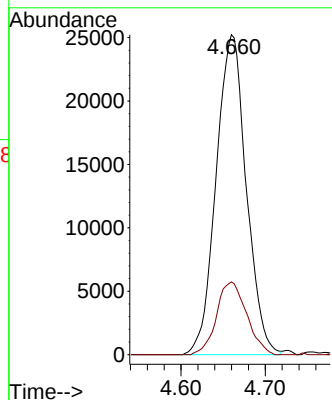
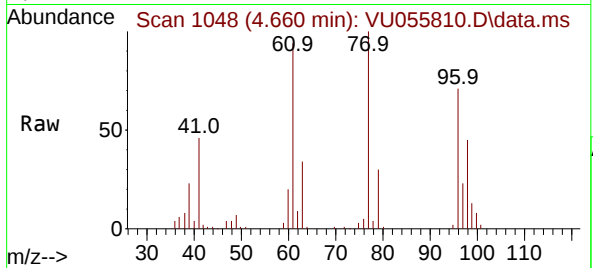
#21
2,2-Dichloropropane
Concen: 1.899 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 77 Resp: 62740
Ion Ratio Lower Upper
77 100
97 22.7 18.4 27.6

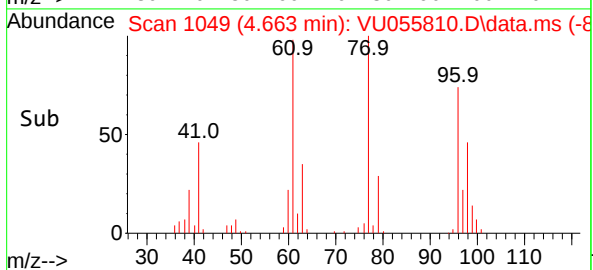
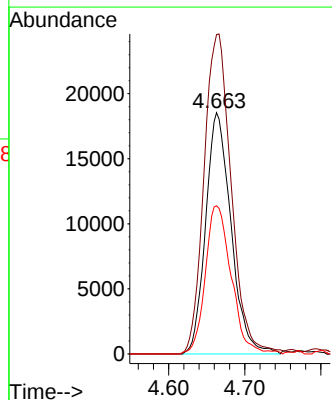
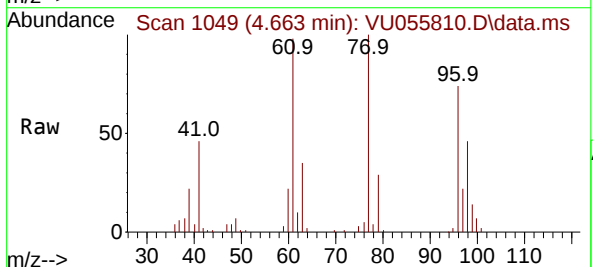
Manual Integrations
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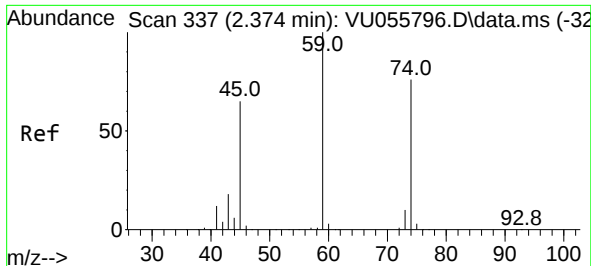
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#22
cis-1,2-Dichloroethene
Concen: 1.914 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion: 96 Resp: 43046
Ion Ratio Lower Upper
96 100
61 141.9 0.0 365.8
98 62.1 32.0 96.0





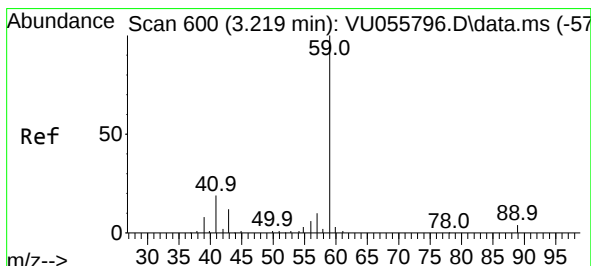
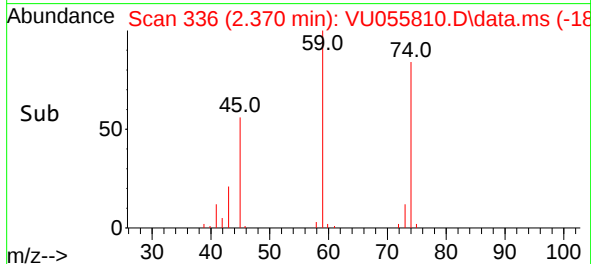
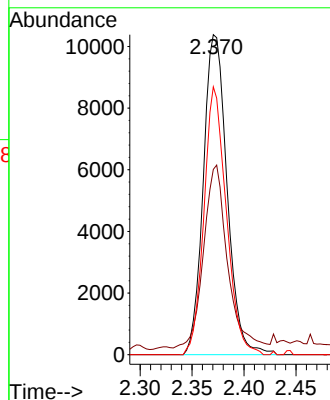
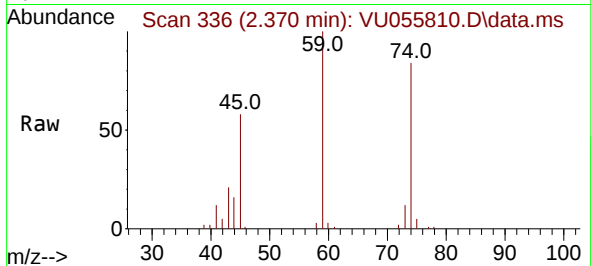
#23
Diethyl Ether
Concen: 1.389 ug/l
RT: 2.370 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 59 Resp: 16520
Ion Ratio Lower Upper
59 100
45 56.9 56.1 84.1
74 78.8 57.4 86.2

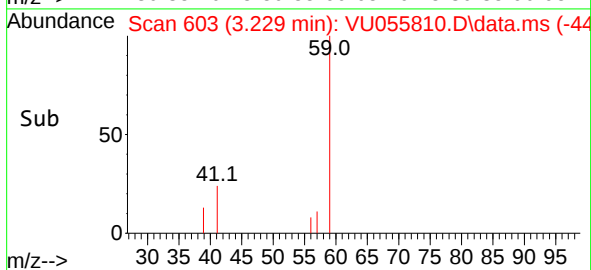
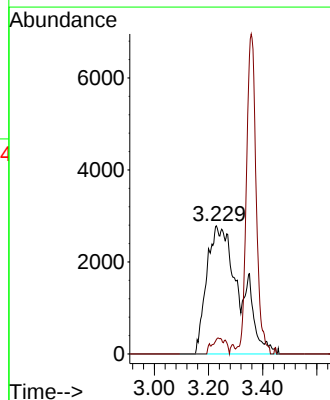
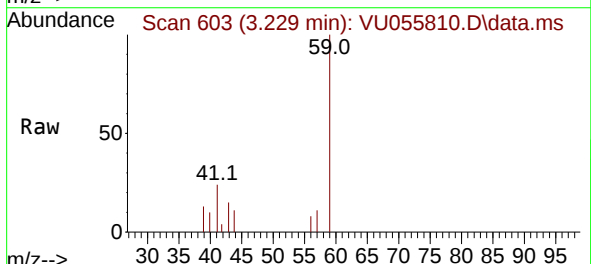
Manual Integrations
APPROVED

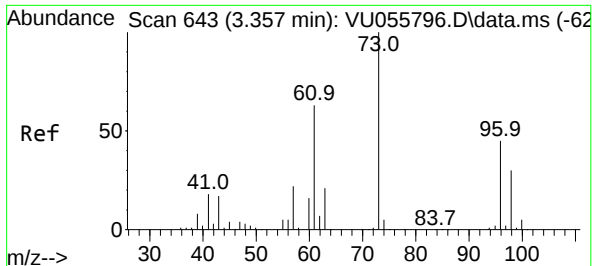
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#24
tert-Butyl Alcohol
Concen: 19.250 ug/l m
RT: 3.229 min Scan# 603
Delta R.T. 0.010 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

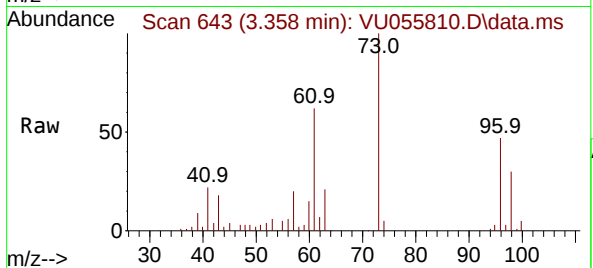
Tgt Ion: 59 Resp: 23492
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.904 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

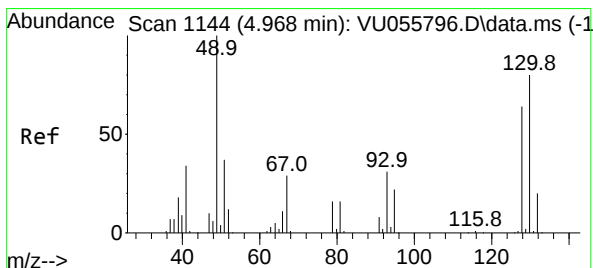
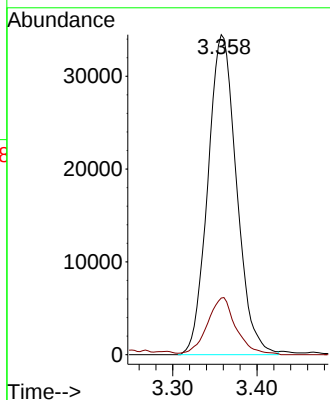
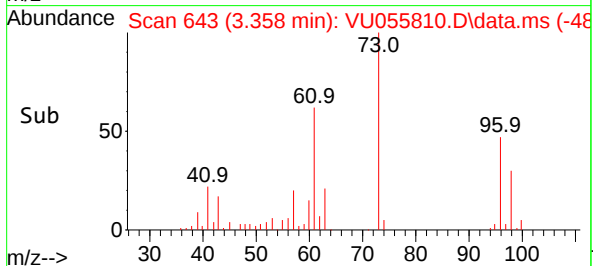
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



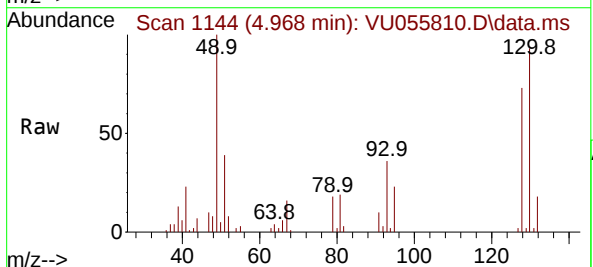
Tgt Ion: 73 Resp: 81550
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.6

Manual Integrations
APPROVED

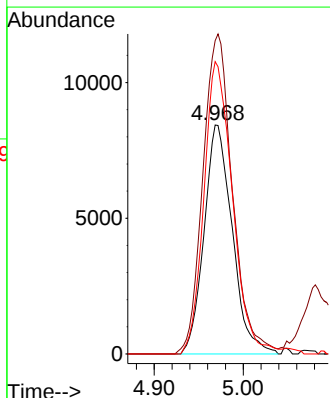
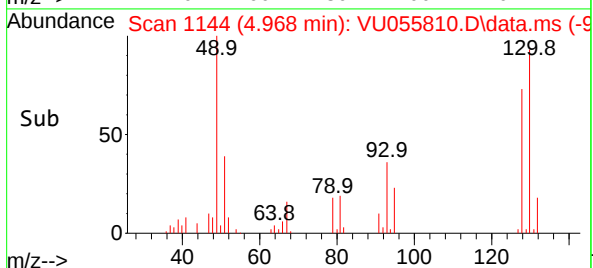
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

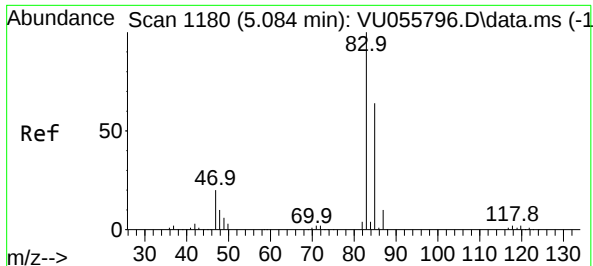


#26
Bromochloromethane
Concen: 1.947 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion:128 Resp: 18554
Ion Ratio Lower Upper
128 100
49 146.4 0.0 324.6
130 129.8 103.0 154.4





#27

Chloroform

Concen: 1.970 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

Tgt Ion: 83 Resp: 7930

Ion Ratio Lower Upper

83 100

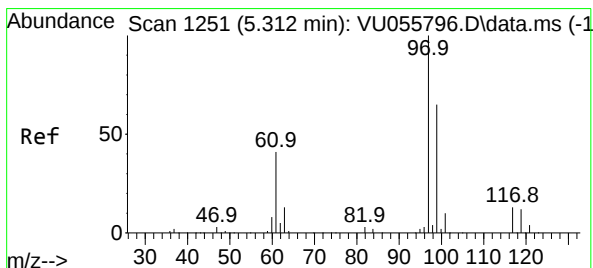
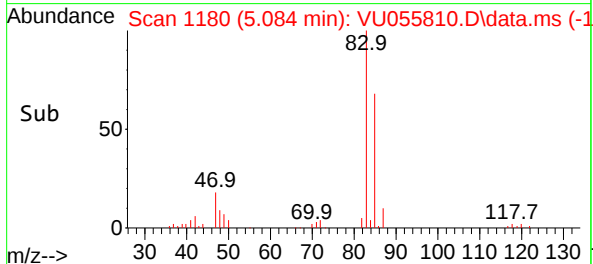
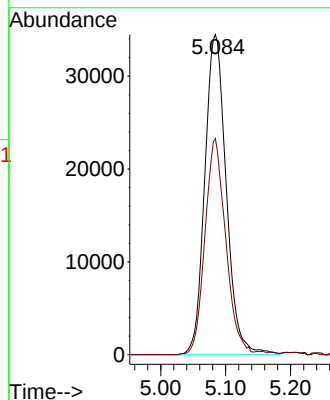
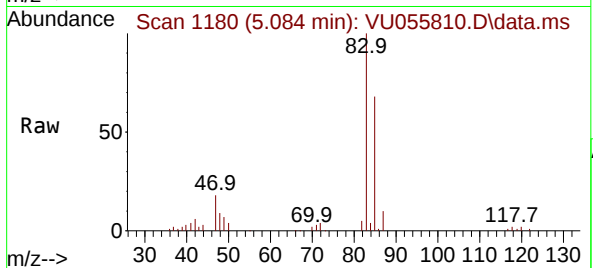
85 67.2 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#28

1,1,1-Trichloroethane

Concen: 1.978 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

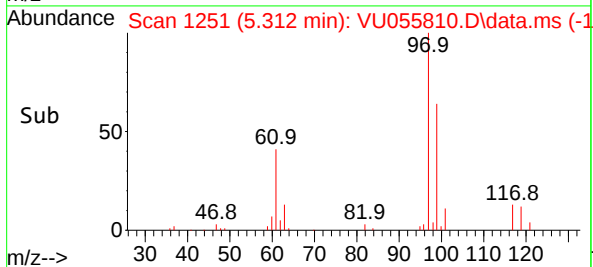
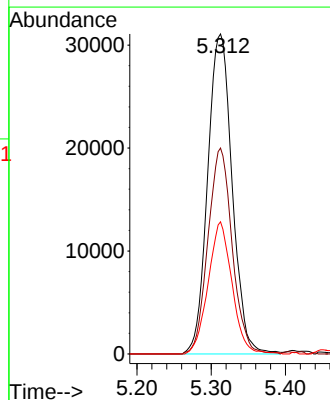
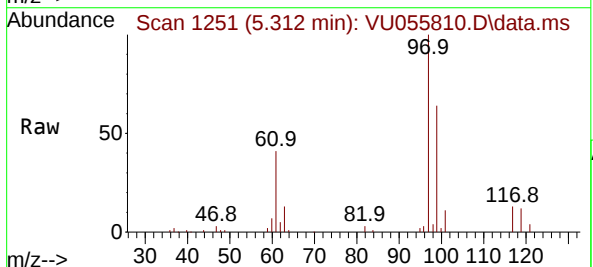
Tgt Ion: 97 Resp: 71355

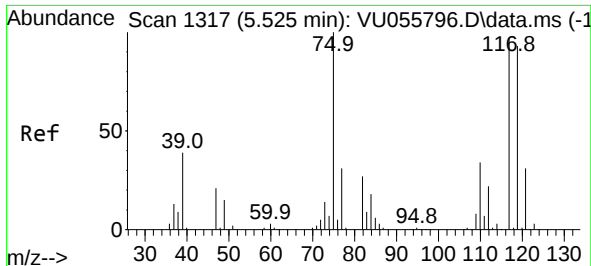
Ion Ratio Lower Upper

97 100

99 63.4 32.0 96.2

61 40.2 22.9 68.5





#29

1,1-Dichloropropene

Concen: 1.946 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

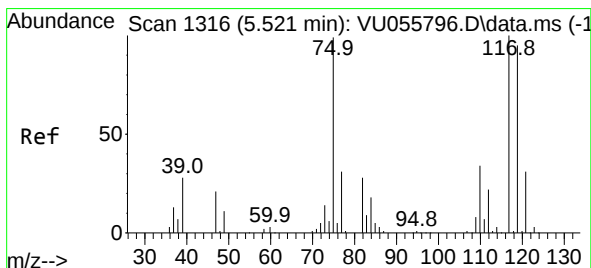
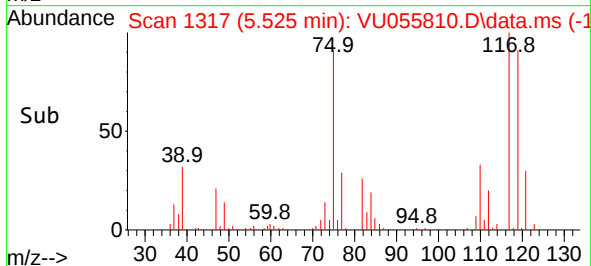
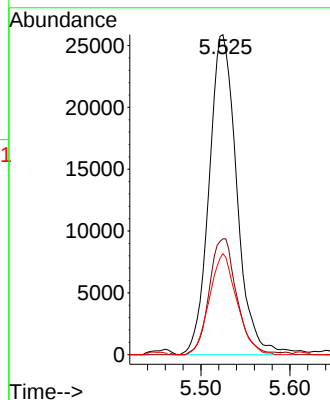
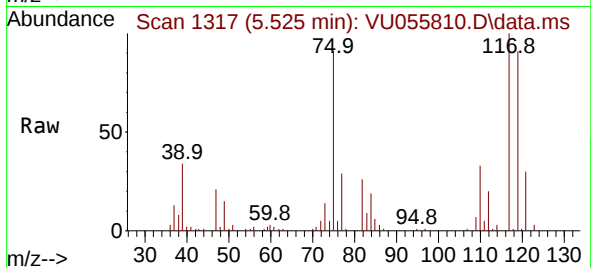
Tgt Ion:	75	Resp:	5561
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.0	54.0
77	31.5	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Carbon Tetrachloride

Concen: 2.053 ug/l

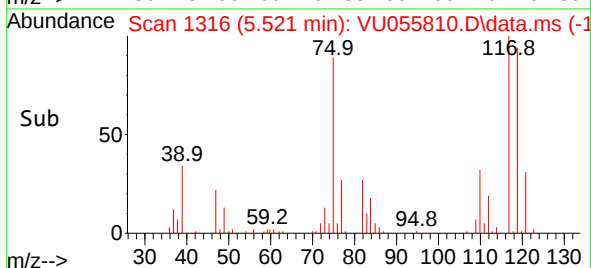
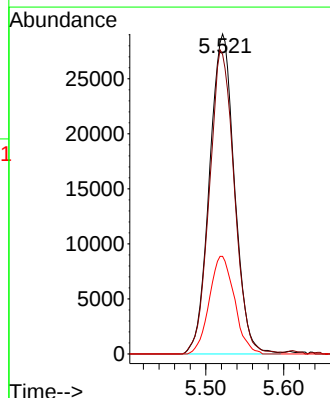
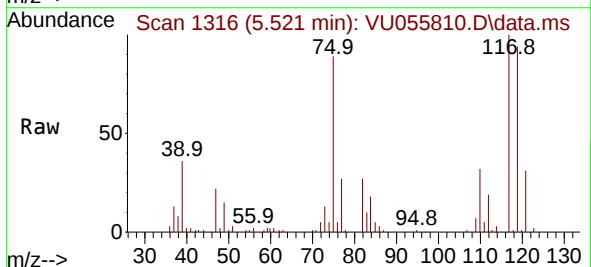
RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Tgt Ion:	117	Resp:	64666
Ion Ratio	Lower	Upper	
117	100		
119	93.6	77.4	116.0
121	30.5	24.0	36.0





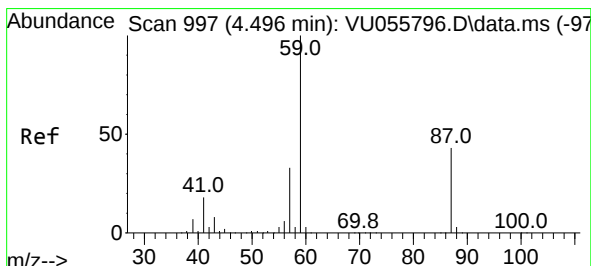
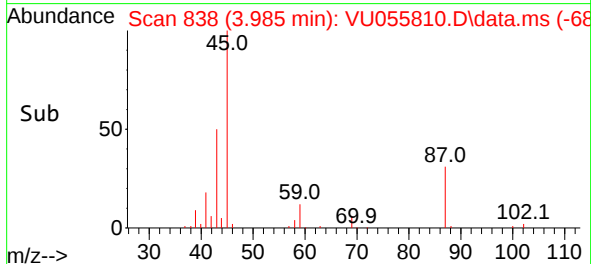
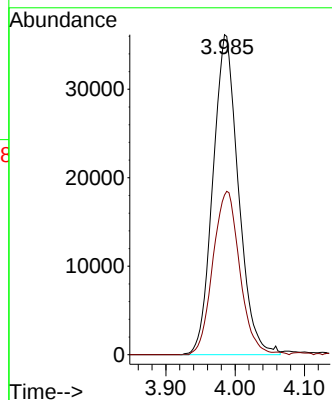
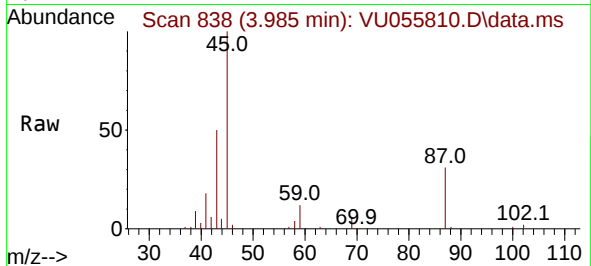
#31
Isopropyl Ether
Concen: 1.757 ug/l
RT: 3.985 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 45 Resp: 9258
Ion Ratio Lower Upper
45 100
43 53.5 27.5 82.5

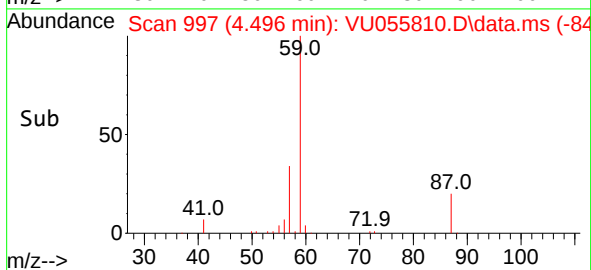
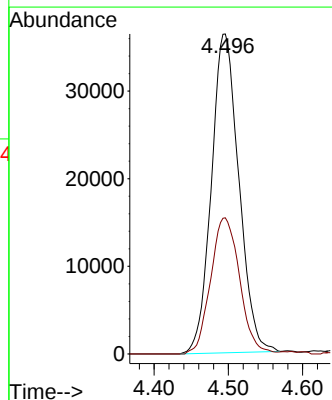
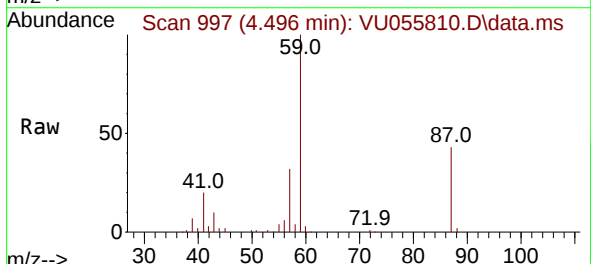
Manual Integrations
APPROVED

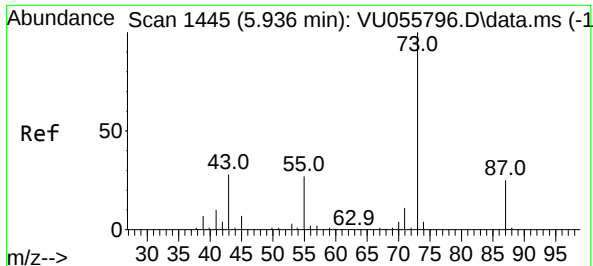
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#32
Ethyl-t-butyl ether
Concen: 1.839 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

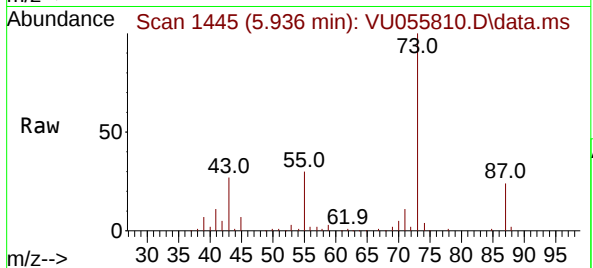
Tgt Ion: 59 Resp: 93571
Ion Ratio Lower Upper
59 100
87 44.3 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.876 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

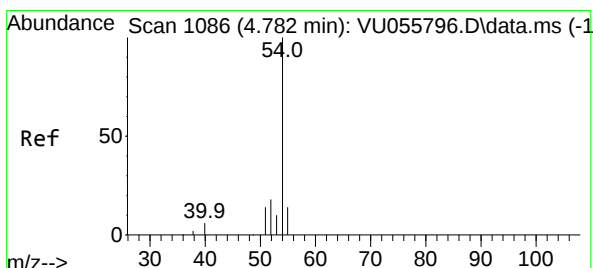
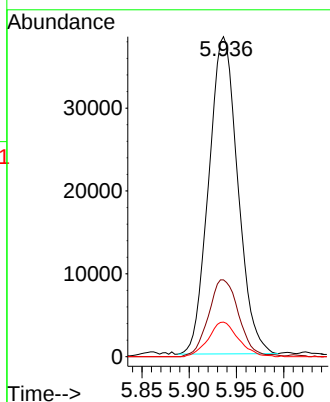
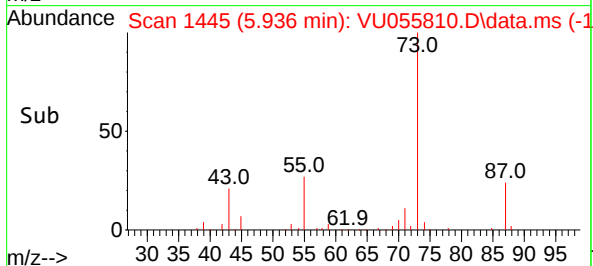
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



Tgt Ion: 73 Resp: 8180
Ion Ratio Lower Upper
73 100
87 24.9 18.6 28.0
71 11.3 9.9 14.9

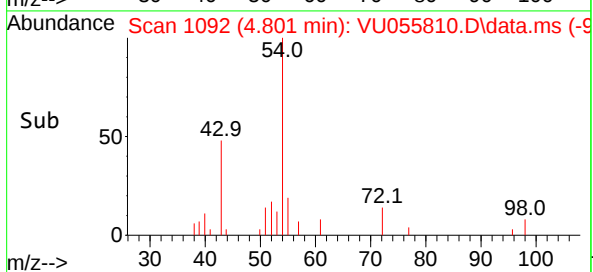
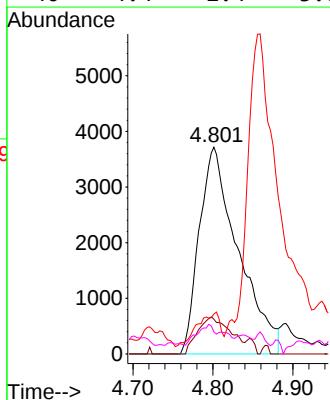
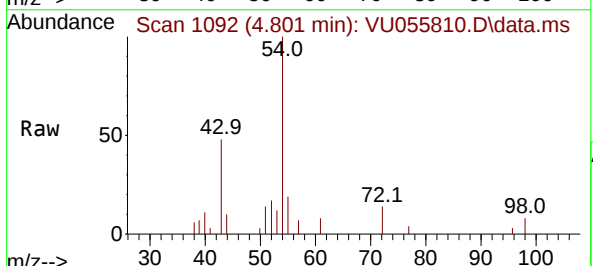
Manual Integrations
APPROVED

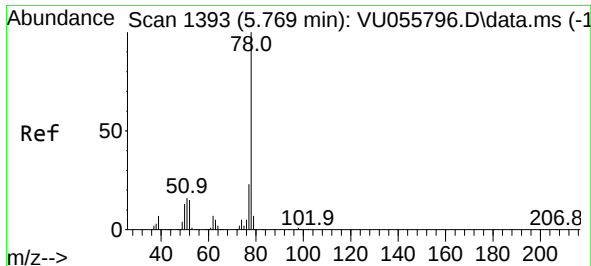
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#34
Propionitrile
Concen: 9.241 ug/l
RT: 4.801 min Scan# 1092
Delta R.T. 0.019 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

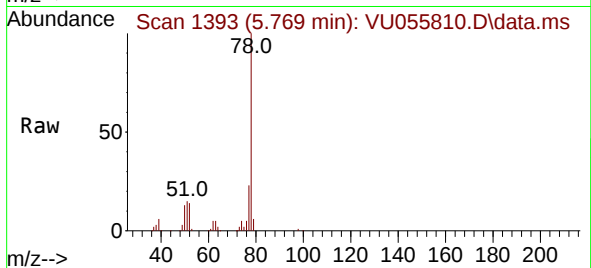
Tgt Ion: 54 Resp: 12567
Ion Ratio Lower Upper
54 100
52 15.1 17.4 26.0#
55 9.2 104.1 156.1#
40 4.4 2.4 3.6#





#35
Benzene
Concen: 1.926 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

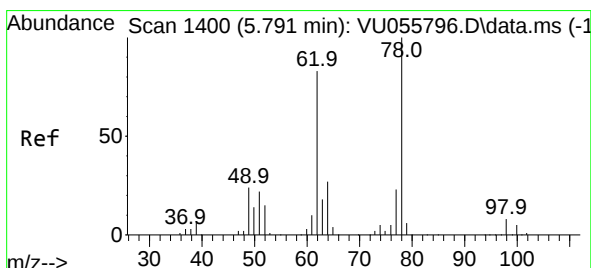
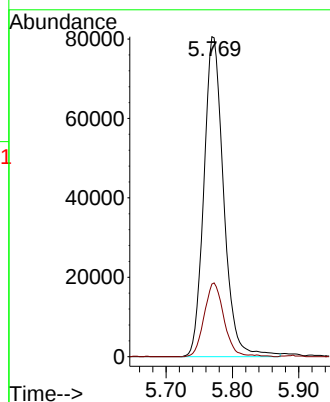
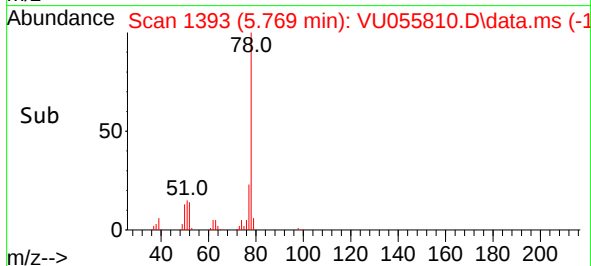
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



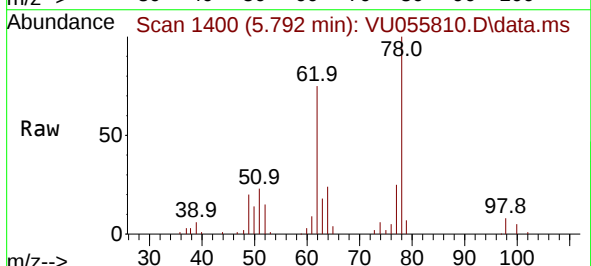
Tgt Ion: 78 Resp: 16672
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3

Manual Integrations
APPROVED

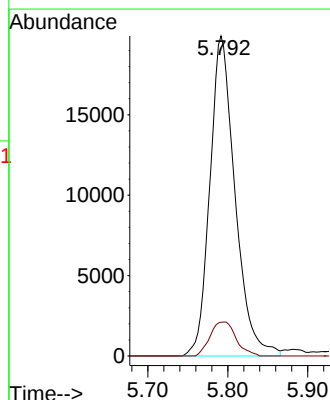
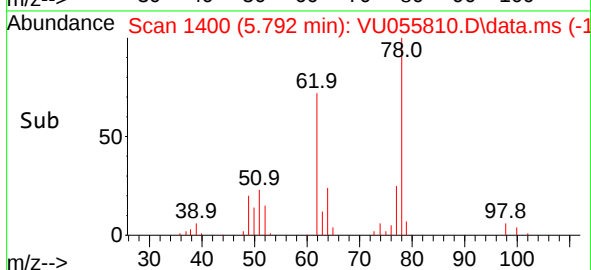
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

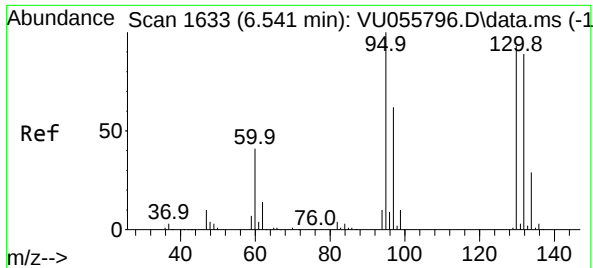


#36
1,2-Dichloroethane
Concen: 1.853 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.001 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



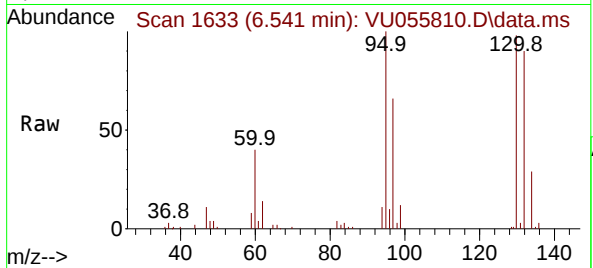
Tgt Ion: 62 Resp: 43560
Ion Ratio Lower Upper
62 100
98 11.0 7.3 10.9#





#37
Trichloroethene
Concen: 1.949 ug/l
RT: 6.541 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

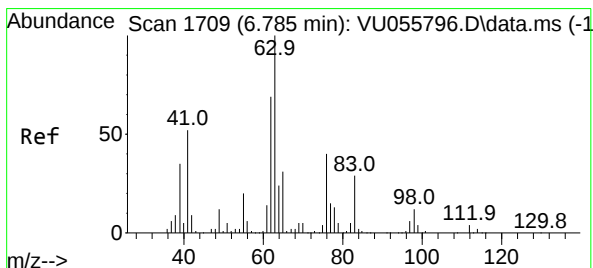
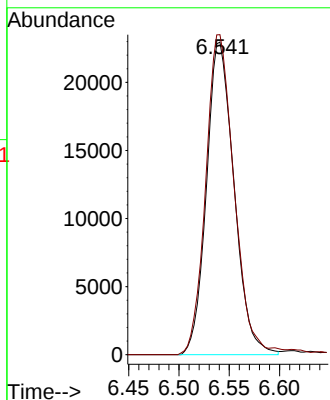
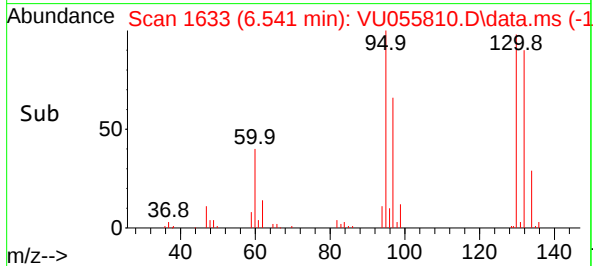
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



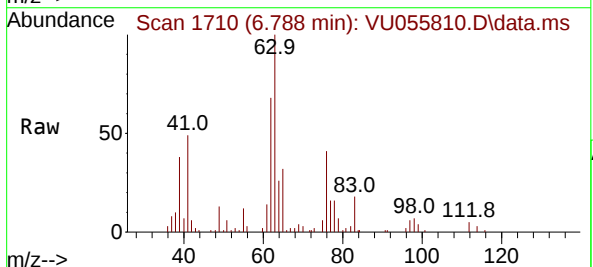
Tgt Ion:130 Resp: 43890
Ion Ratio Lower Upper
130 100
95 102.4 85.0 127.6

Manual Integrations
APPROVED

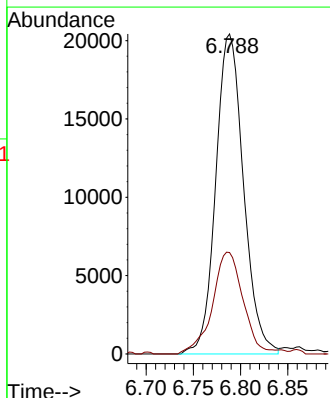
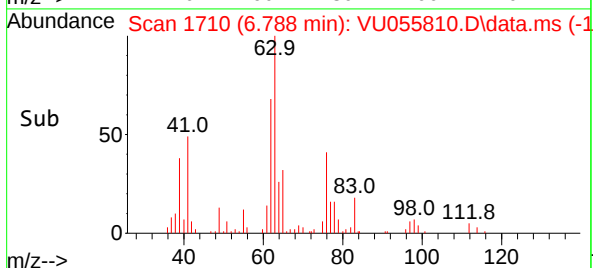
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

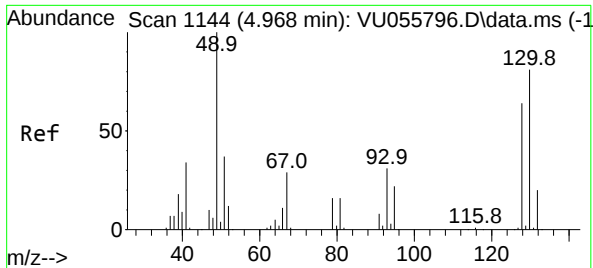


#38
1,2-Dichloropropane
Concen: 1.846 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion: 63 Resp: 41742
Ion Ratio Lower Upper
63 100
65 31.7 24.9 37.3





#39

Methacrylonitrile

Concen: 1.850 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. 0.010 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

Tgt Ion: 41 Resp: 938

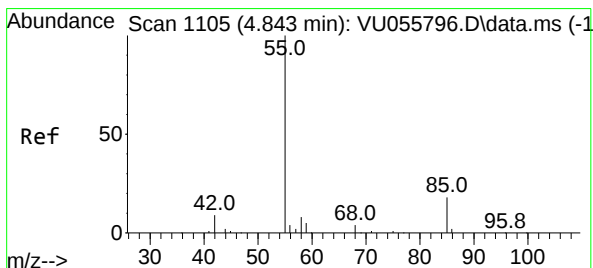
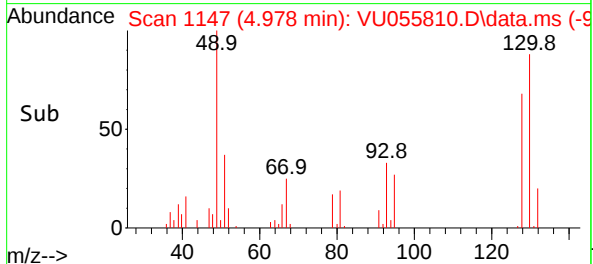
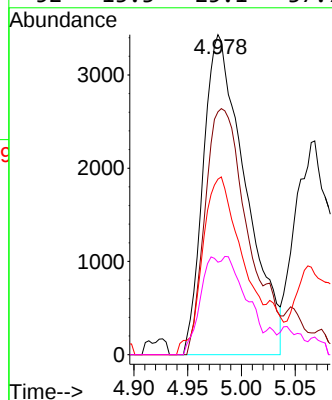
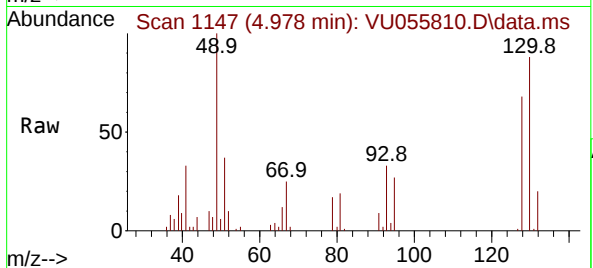
Ion	Ratio	Lower	Upper
41	100		
67	78.3	66.8	100.2
39	53.3	41.2	61.8
52	13.3	25.1	37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Methyl acrylate

Concen: 1.854 ug/l

RT: 4.859 min Scan# 1110

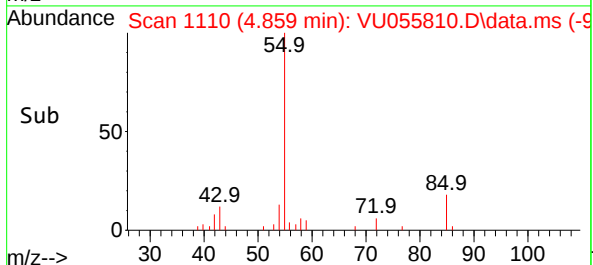
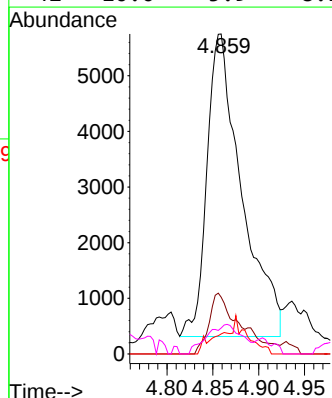
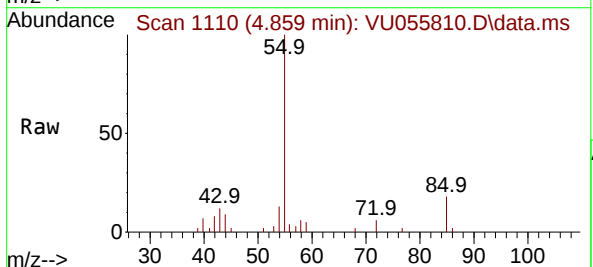
Delta R.T. 0.016 min

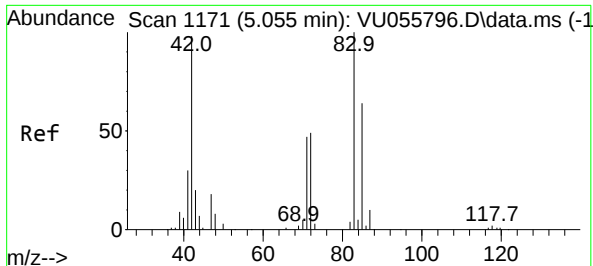
Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Tgt Ion: 55 Resp: 14307

Ion	Ratio	Lower	Upper
55	100		
85	18.4	13.3	19.9
58	3.3	6.5	9.7#
42	10.0	5.9	8.9#





#41

Tetrahydrofuran

Concen: 3.252 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.010 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

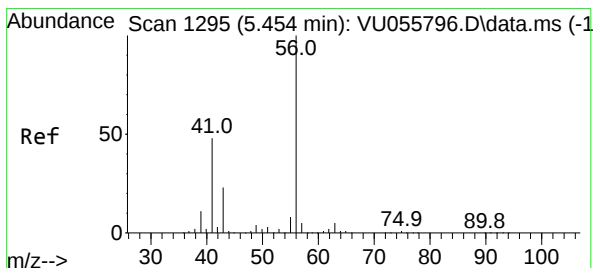
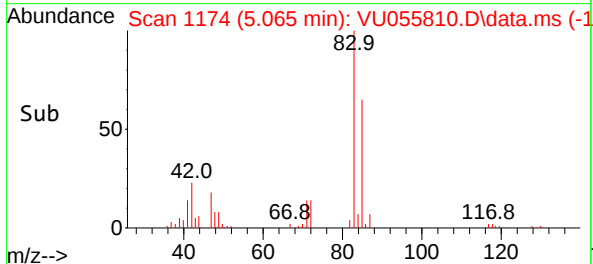
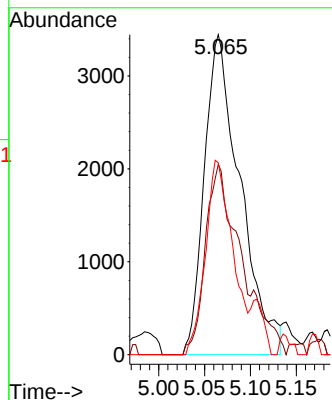
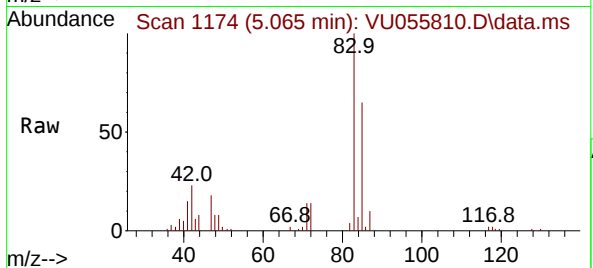
Tgt Ion:	42	Resp:	934
Ion Ratio	Lower	Upper	
42	100		
72	59.8	40.9	61.3
71	45.8	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#42

1-Chlorobutane

Concen: 1.888 ug/l

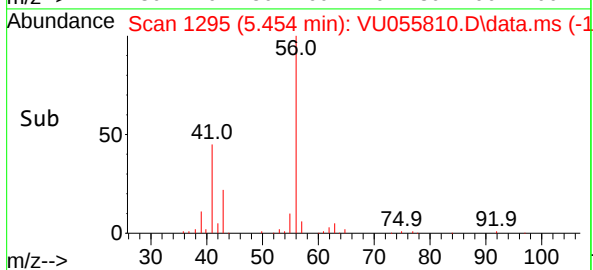
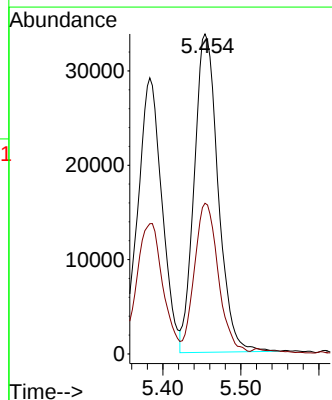
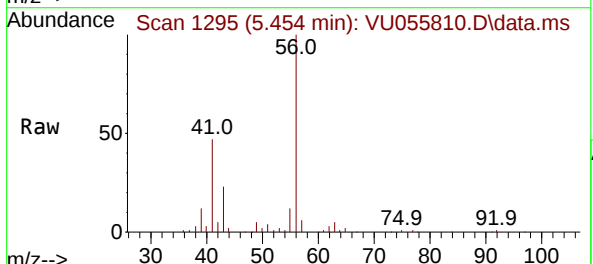
RT: 5.454 min Scan# 1295

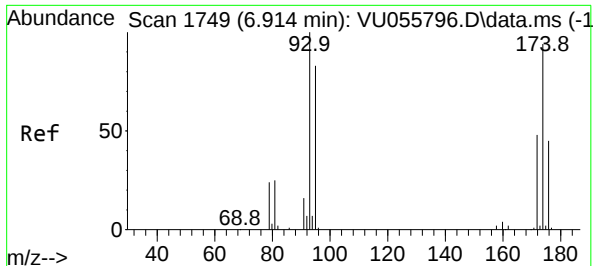
Delta R.T. -0.000 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Tgt Ion:	56	Resp:	71918
Ion Ratio	Lower	Upper	
56	100		
41	47.5	25.2	75.6





#43

Dibromomethane

Concen: 2.103 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

Tgt Ion: 93 Resp: 2259

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

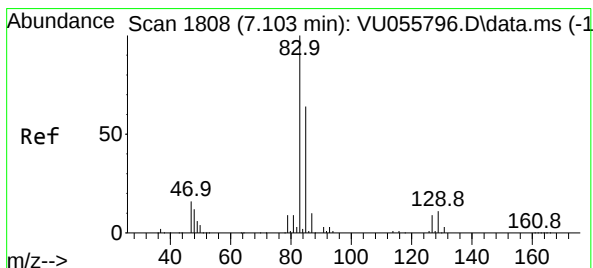
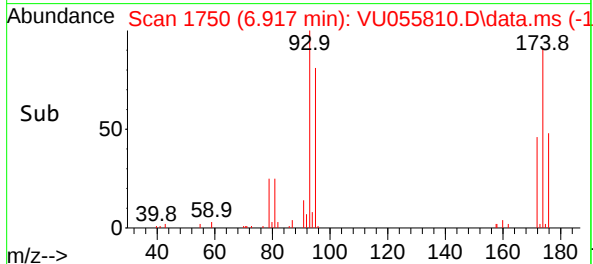
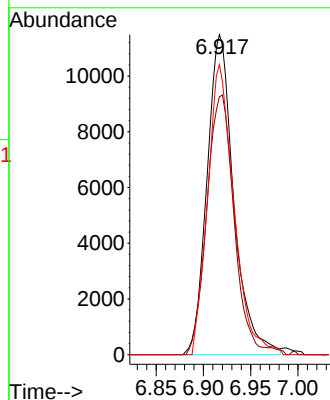
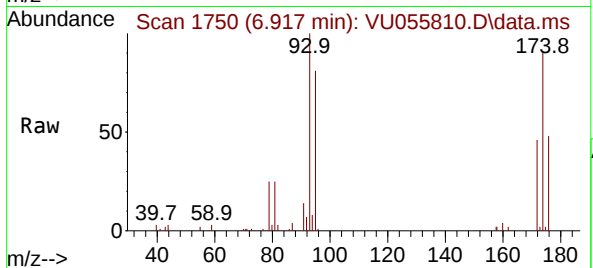
174 89.2 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#44

Bromodichloromethane

Concen: 1.932 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

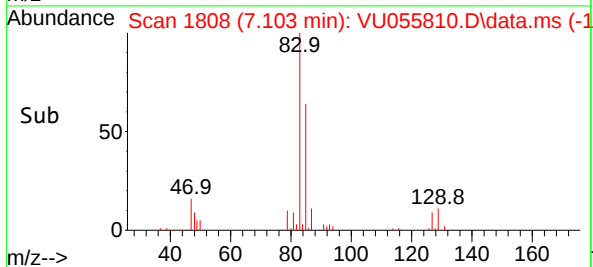
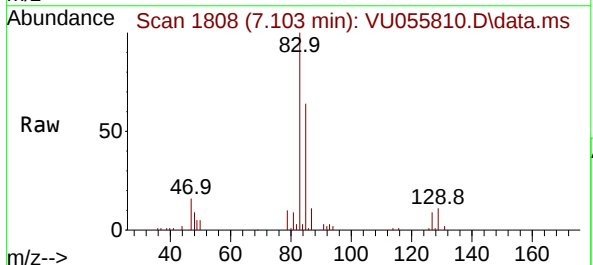
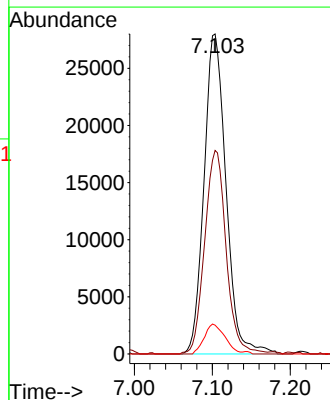
Tgt Ion: 83 Resp: 54862

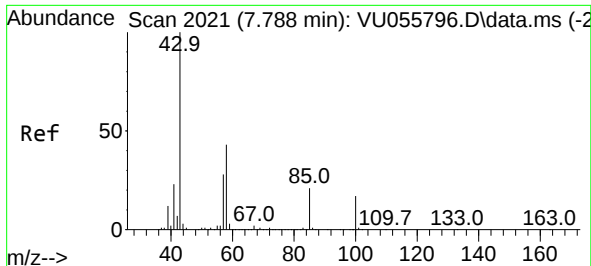
Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

127 9.0 6.7 10.1





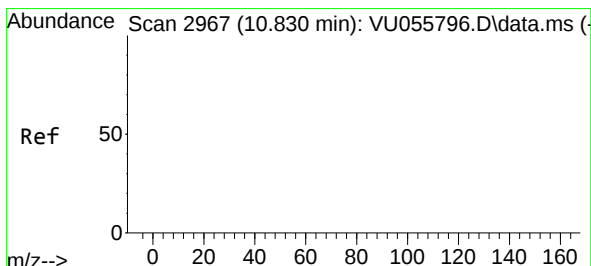
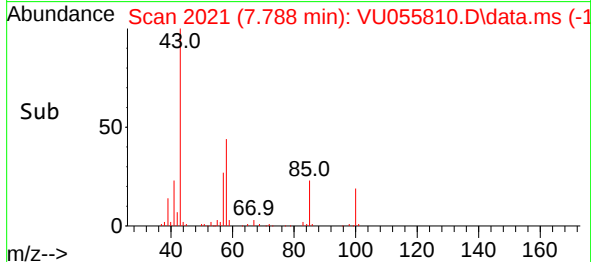
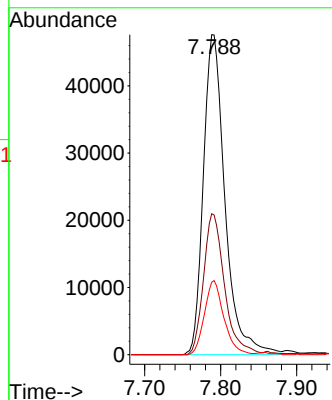
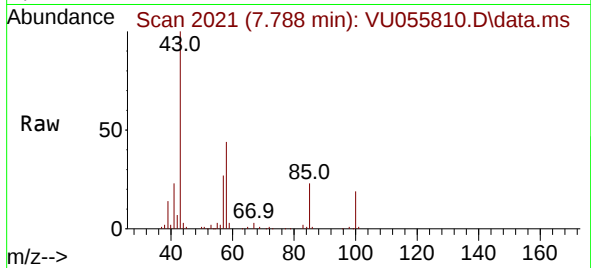
#45
4-Methyl-2-Pentanone
Concen: 8.477 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
58 42.7 20.9 62.8
85 20.9 14.6 21.8

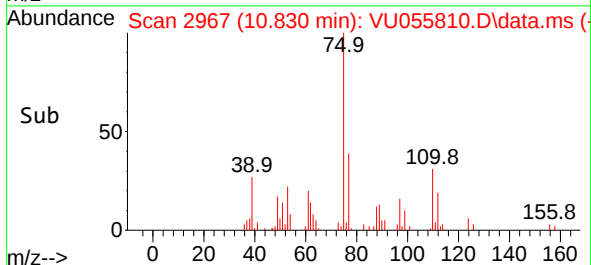
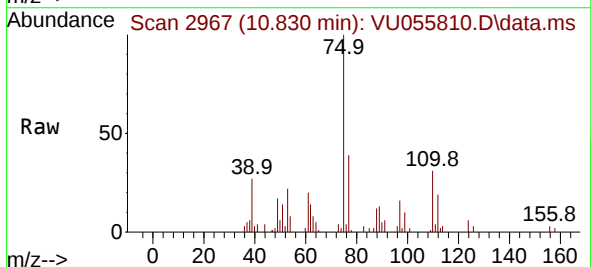
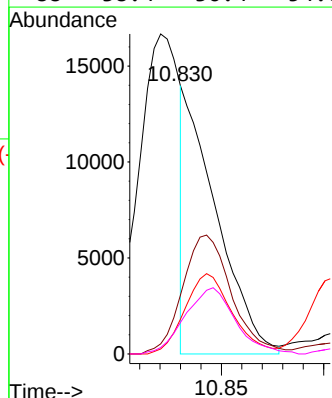
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#46
t-1,4-Dichloro-2-butene
Concen: 3.479 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

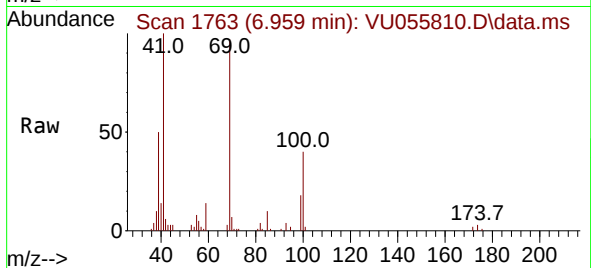
Tgt Ion: 75 Resp: 15378
Ion Ratio Lower Upper
75 100
53 67.0 73.3 109.9#
89 43.5 48.2 72.4#
88 38.4 36.4 54.6





#47
Methyl methacrylate
Concen: 3.711 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

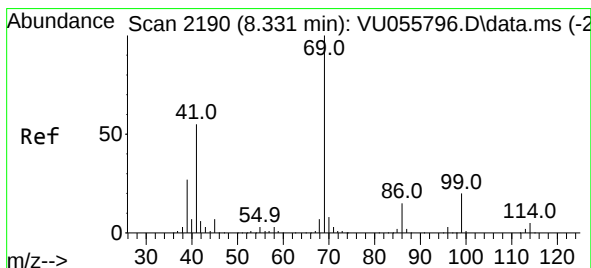
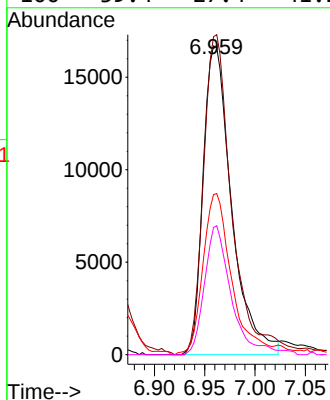
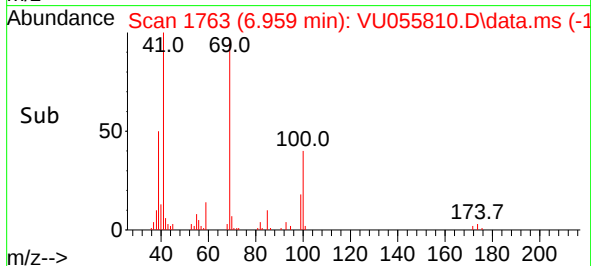
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



Tgt Ion: 69 Resp: 3289
Ion Ratio Lower Upper
69 100
41 103.3 0.0 209.2
39 52.2 46.7 70.1
100 39.4 27.4 41.2

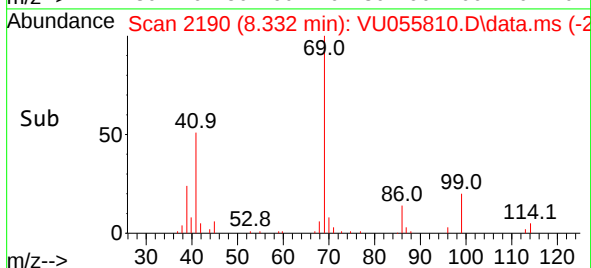
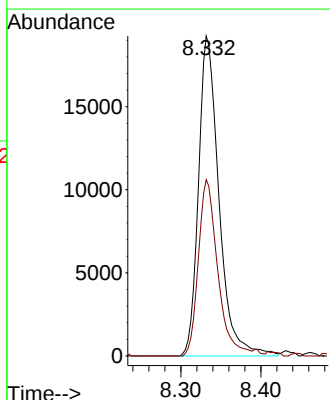
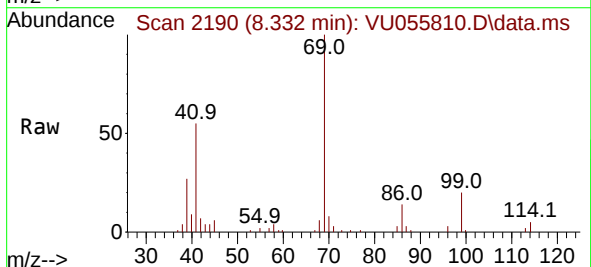
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Ethyl methacrylate
Concen: 2.107 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.001 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

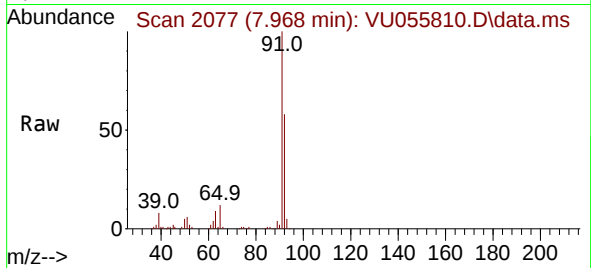
Tgt Ion: 69 Resp: 34338
Ion Ratio Lower Upper
69 100
41 52.0 30.3 90.8





#49
Toluene
Concen: 2.062 ug/l
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

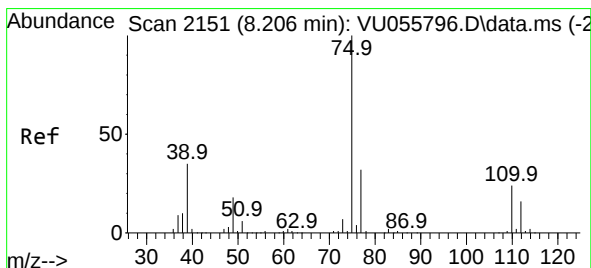
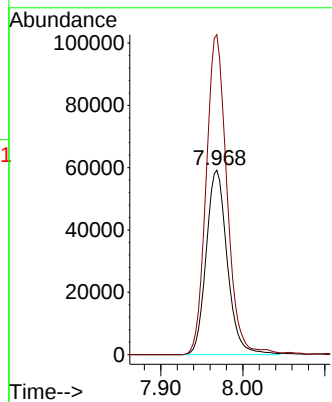
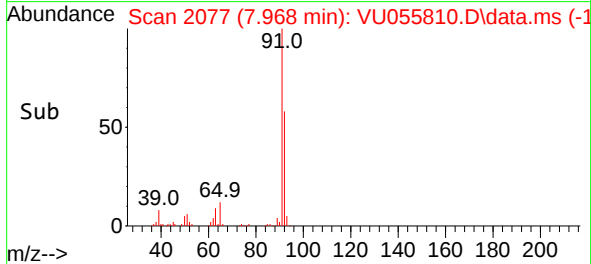
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



Tgt Ion: 92 Resp: 10563
Ion Ratio Lower Upper
92 100
91 171.5 143.0 214.6

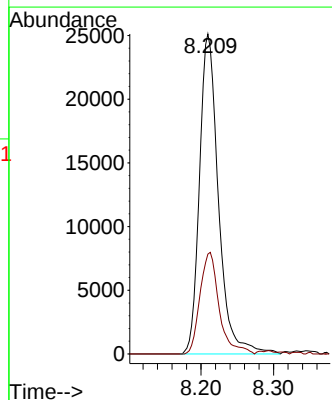
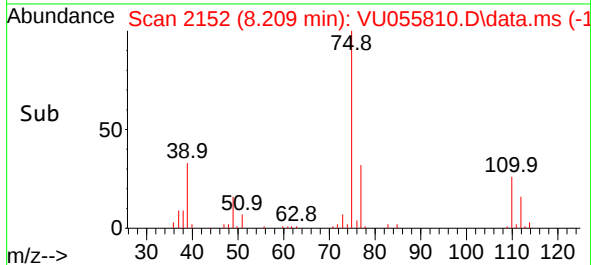
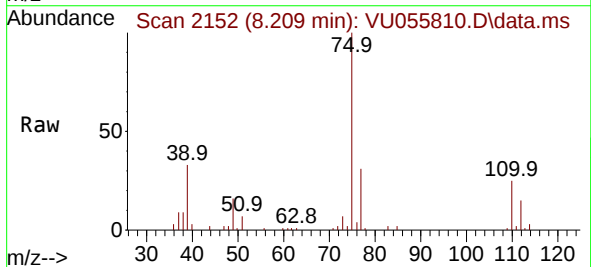
Manual Integrations
APPROVED

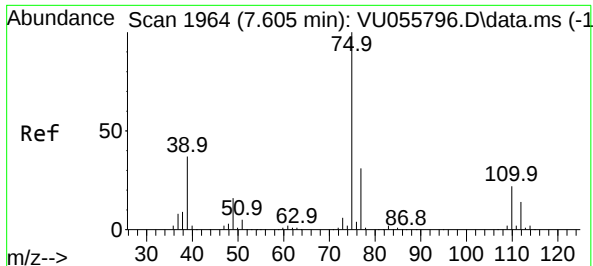
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#50
t-1,3-Dichloropropene
Concen: 1.814 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

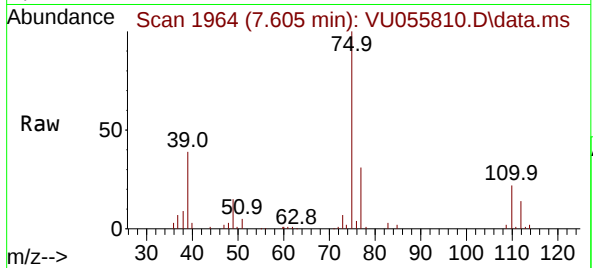
Tgt Ion: 75 Resp: 45595
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.976 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20

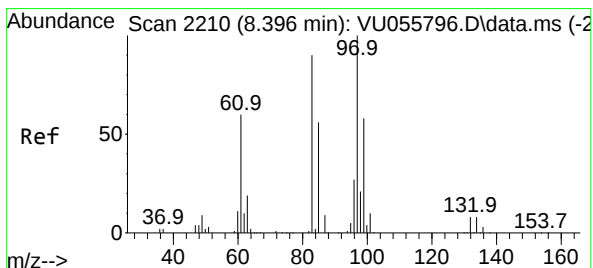
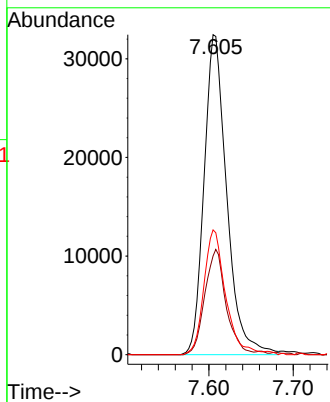
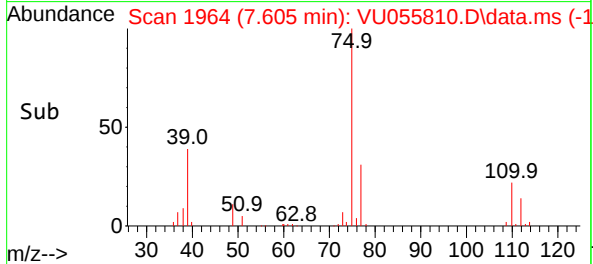
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1019WBS01



Tgt Ion: 75 Resp: 60780
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5
 39 39.0 32.8 49.2

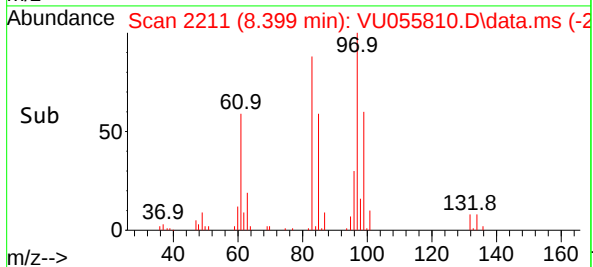
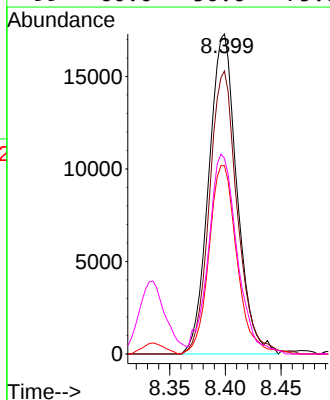
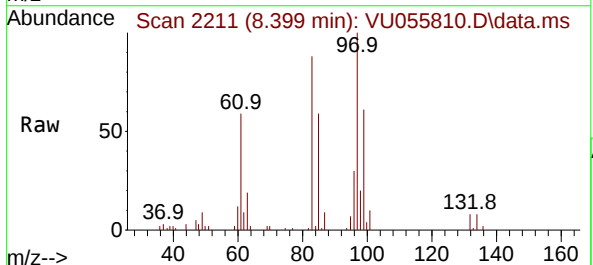
Manual Integrations
 APPROVED

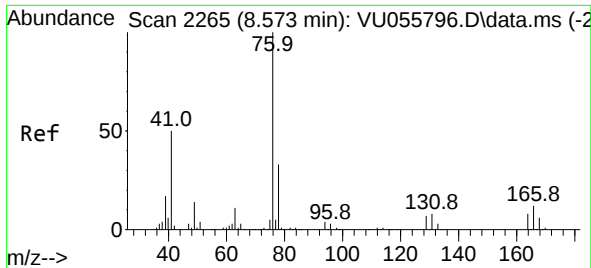
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.987 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20

Tgt Ion: 97 Resp: 30501
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.8 107.8
 85 58.8 45.2 67.8
 99 60.0 50.6 75.8





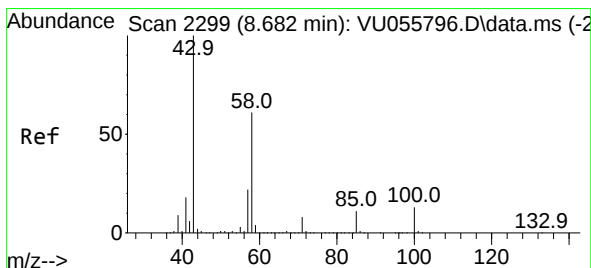
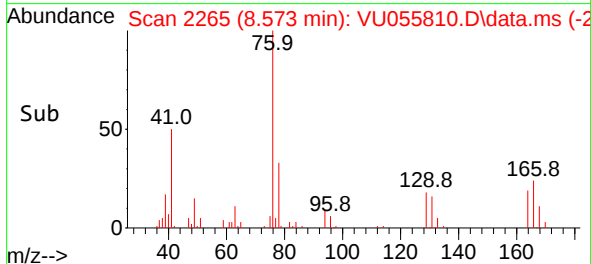
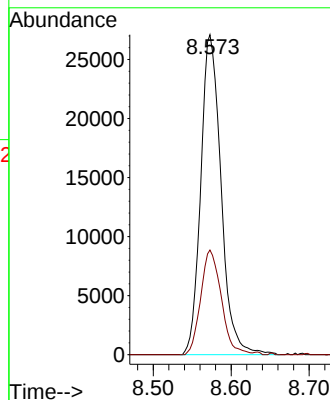
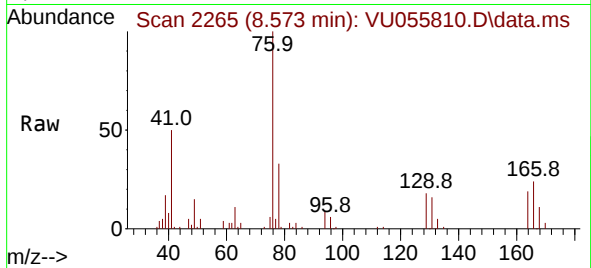
#53
1,3-Dichloropropane
Concen: 1.870 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument : MSVOA_U
ClientSampleId : VU1019WBS01

Tgt Ion: 76 Resp: 4905
Ion Ratio Lower Upper
76 100
78 33.1 25.9 38.9

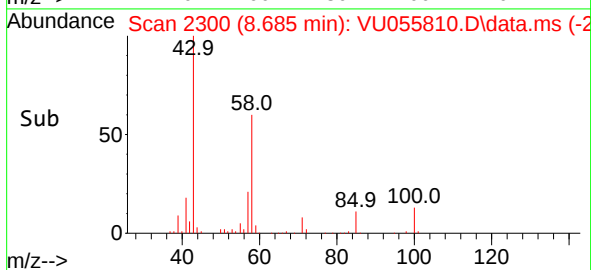
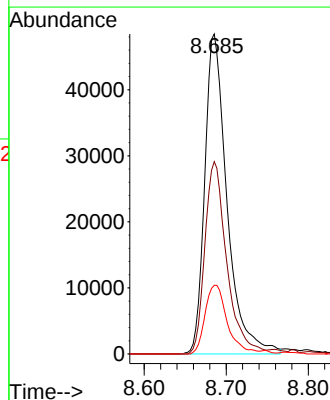
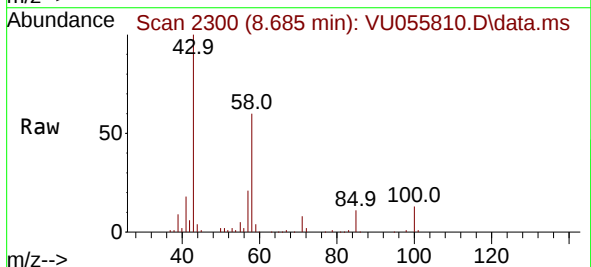
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#54
2-Hexanone
Concen: 7.360 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

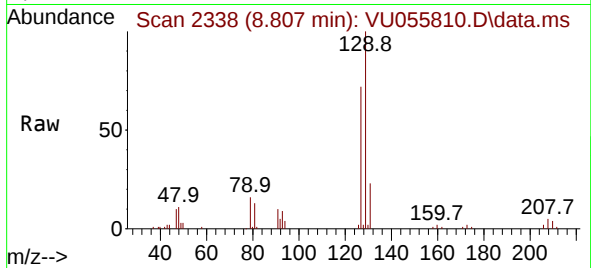
Tgt Ion: 43 Resp: 91633
Ion Ratio Lower Upper
43 100
58 58.8 38.2 78.2
57 21.4 0.0 39.1





#55
Dibromochloromethane
Concen: 1.931 ug/l
RT: 8.807 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

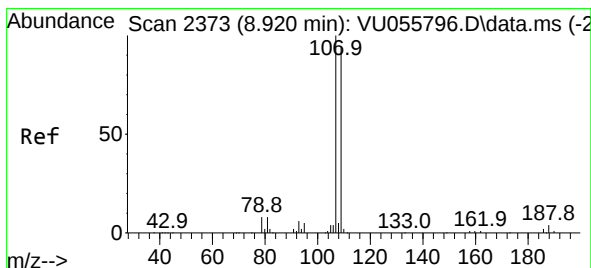
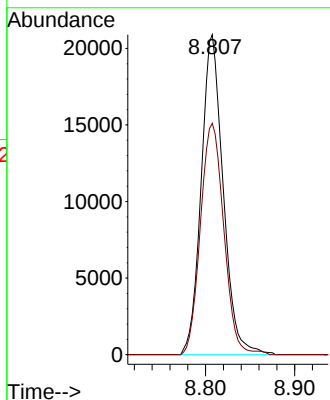
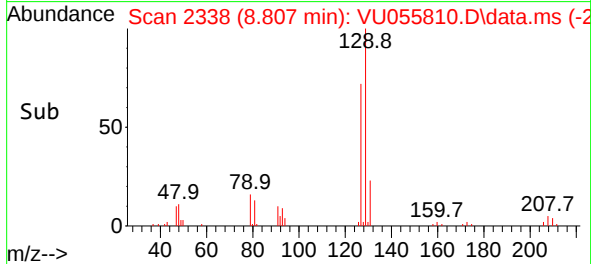
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



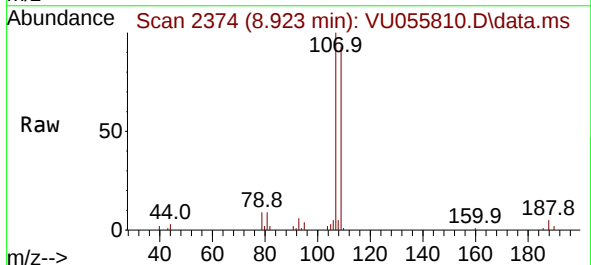
Tgt Ion:129 Resp: 35770
Ion Ratio Lower Upper
129 100
127 76.8 61.4 92.0

Manual Integrations
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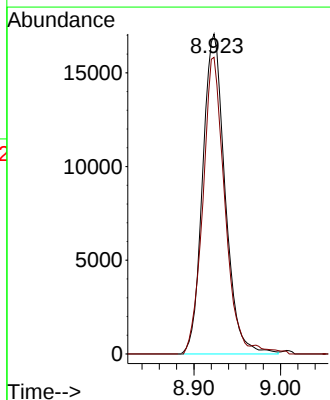
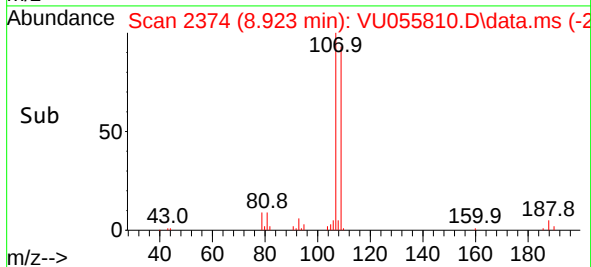
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

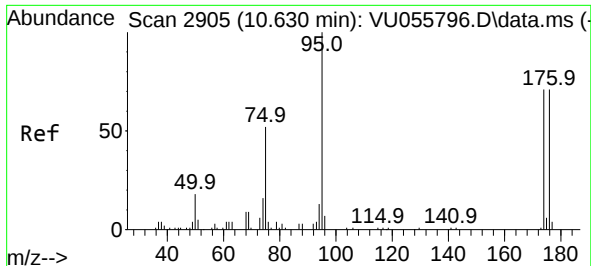


#56
1,2-Dibromoethane
Concen: 2.194 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



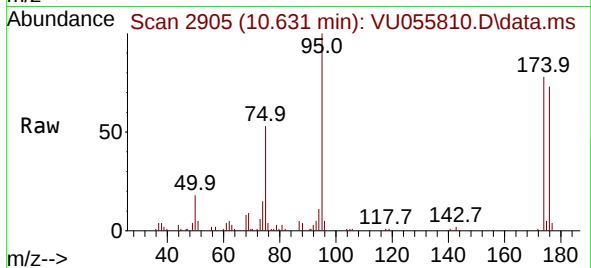
Tgt Ion:107 Resp: 30761
Ion Ratio Lower Upper
107 100
109 89.2 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.038 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

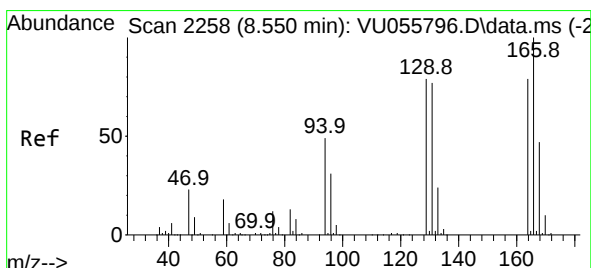
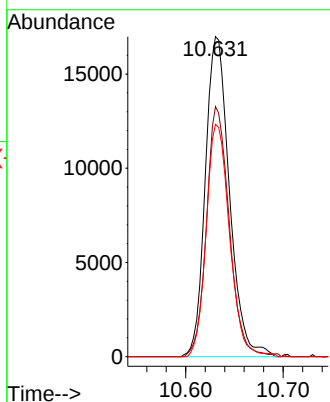
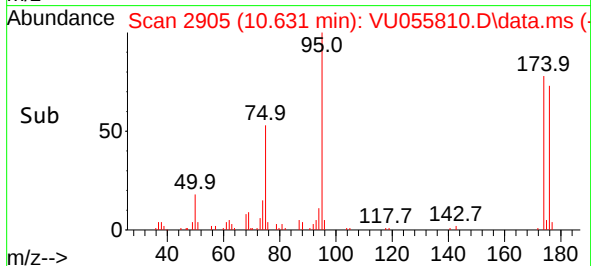
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



Tgt Ion: 95 Resp: 29208
Ion Ratio Lower Upper
95 100
174 73.5 63.3 94.9
176 70.3 59.3 88.9

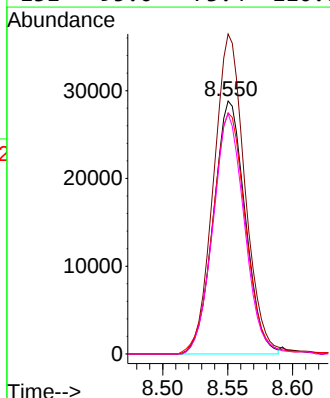
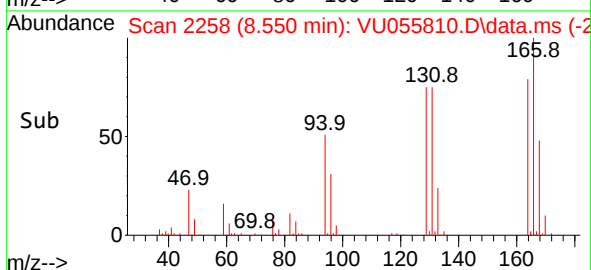
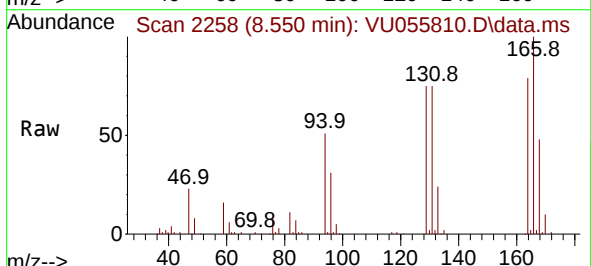
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#58
Tetrachloroethene
Concen: 2.088 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion:164 Resp: 48908
Ion Ratio Lower Upper
164 100
166 126.5 99.6 149.4
129 95.3 78.6 117.8
131 95.0 73.4 110.0





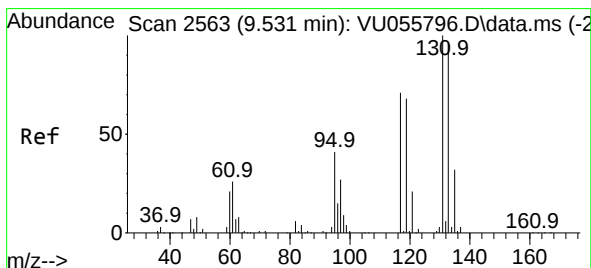
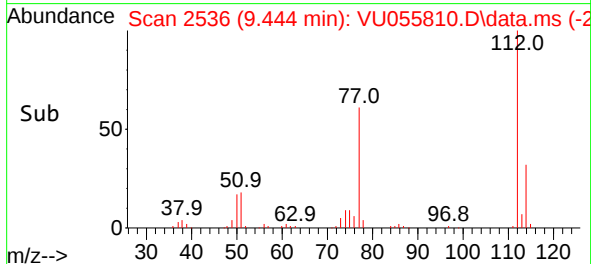
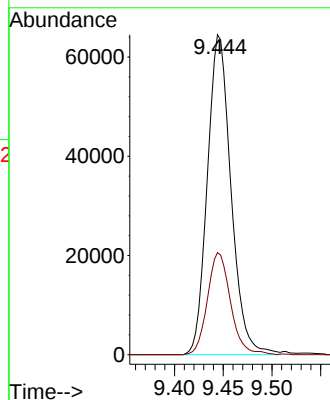
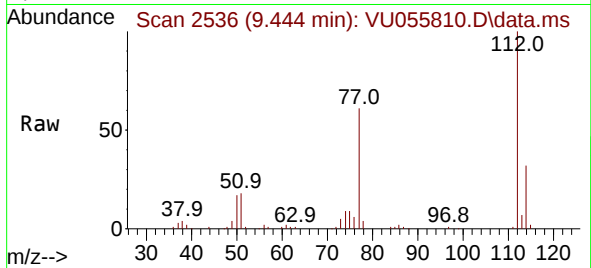
#59
Chlorobenzene
Concen: 1.927 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion:112 Resp: 10905
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

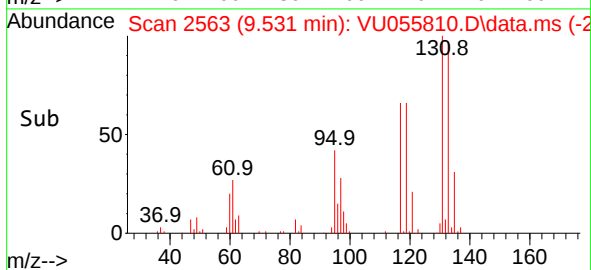
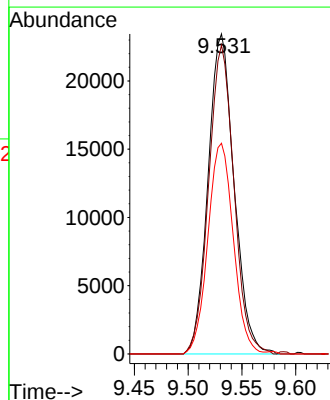
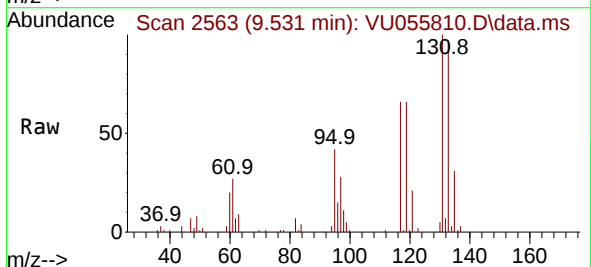
Manual Integrations
APPROVED

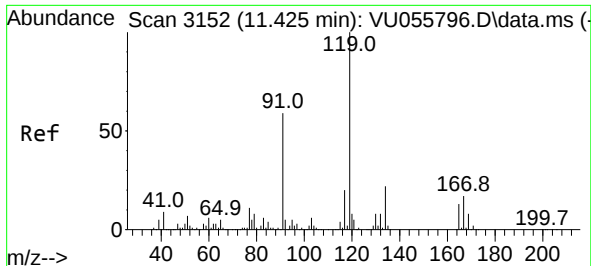
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.959 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion:131 Resp: 39509
Ion Ratio Lower Upper
131 100
133 93.6 77.8 116.6
119 64.3 55.2 82.8





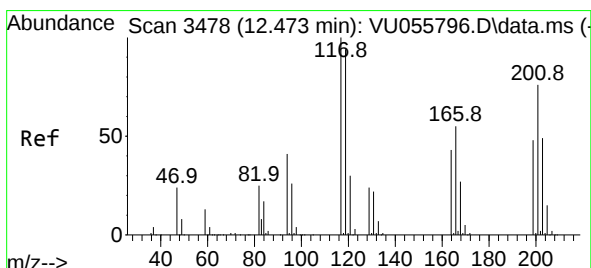
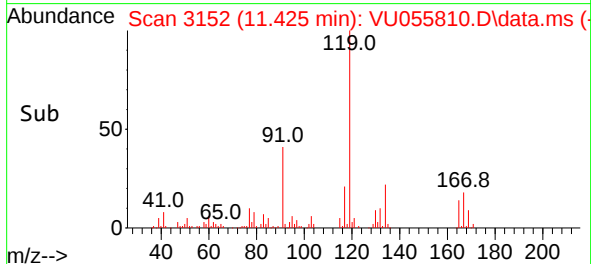
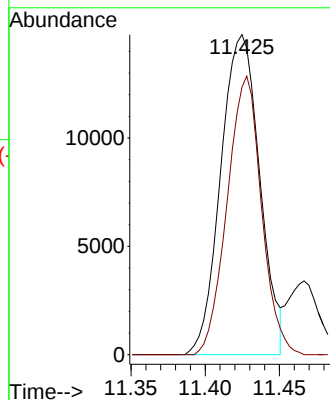
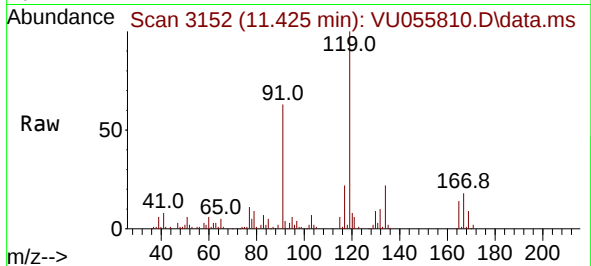
#61
Pentachloroethane
Concen: 1.978 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion:117 Resp: 26994
Ion Ratio Lower Upper
117 100
167 76.5 56.7 85.1

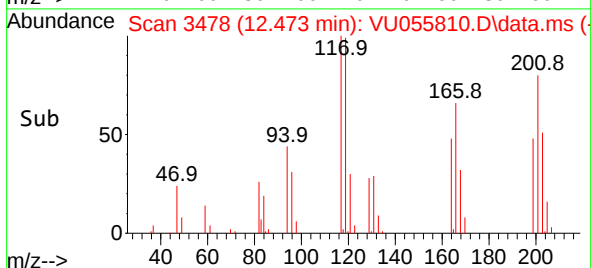
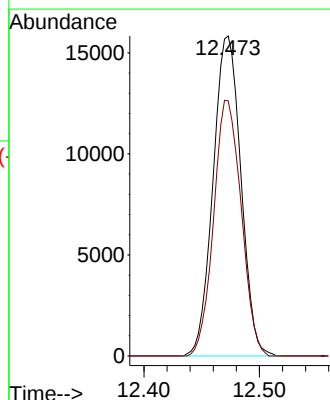
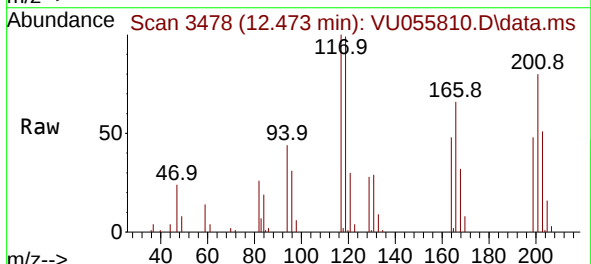
Manual Integrations
APPROVED

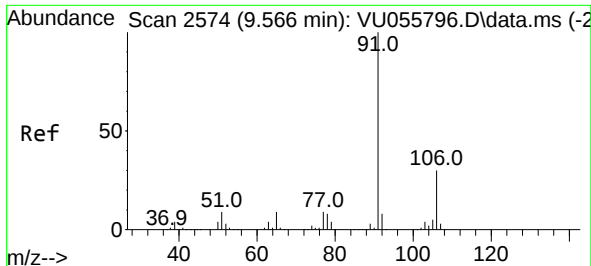
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
Hexachloroethane
Concen: 1.972 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion:117 Resp: 26496
Ion Ratio Lower Upper
117 100
201 79.2 59.6 89.4





#63

Ethyl Benzene

Concen: 1.885 ug/l

RT: 9.569 min Scan# 2101

Delta R.T. 0.003 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

Tgt Ion: 91 Resp: 18101

Ion Ratio Lower Upper

91 100

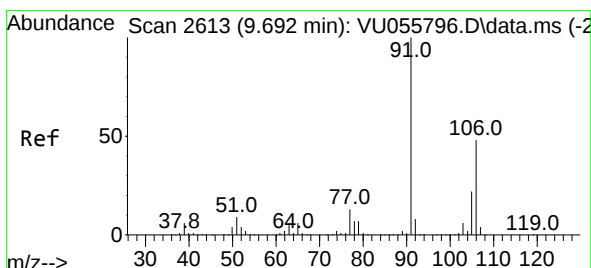
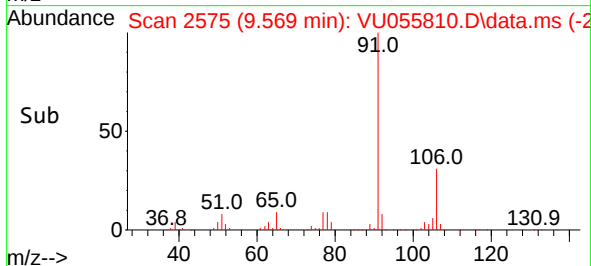
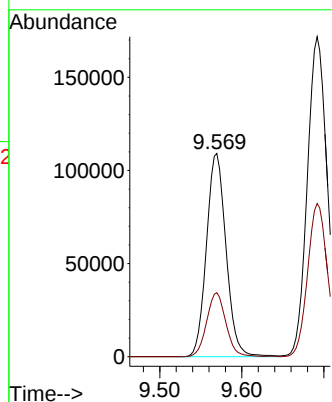
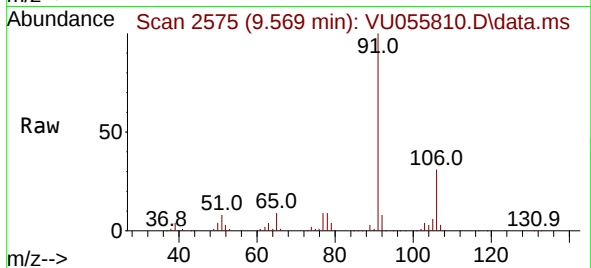
106 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#64

m/p-Xylenes

Concen: 3.852 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU055810.D

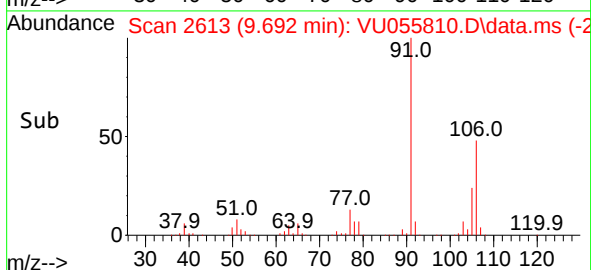
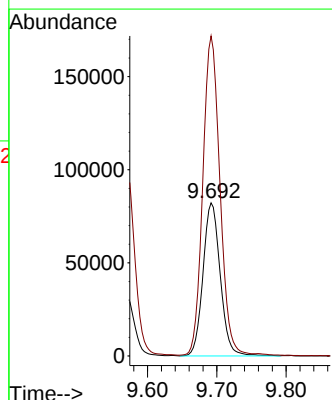
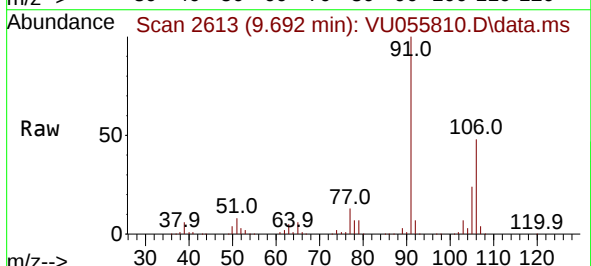
Acq: 19 Oct 2023 11:20

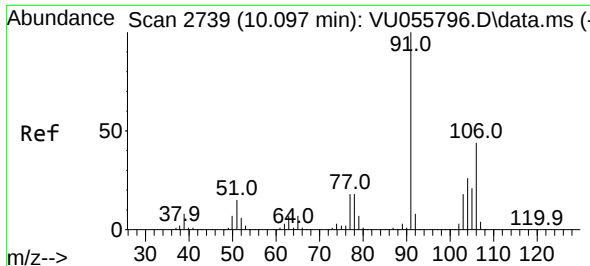
Tgt Ion:106 Resp: 142183

Ion Ratio Lower Upper

106 100

91 206.3 167.3 250.9





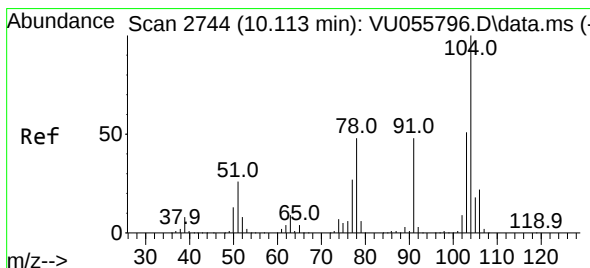
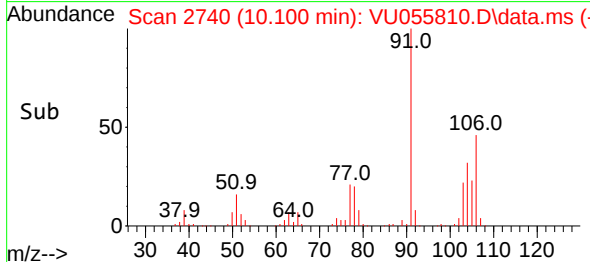
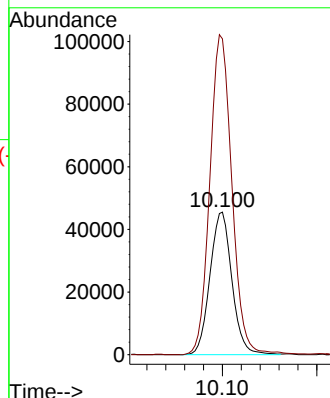
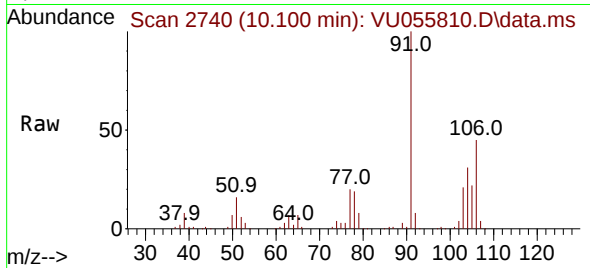
#65
o-Xylene
Concen: 2.027 ug/l
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion:106 Resp: 7341
Ion Ratio Lower Upper
106 100
91 225.7 109.3 327.9

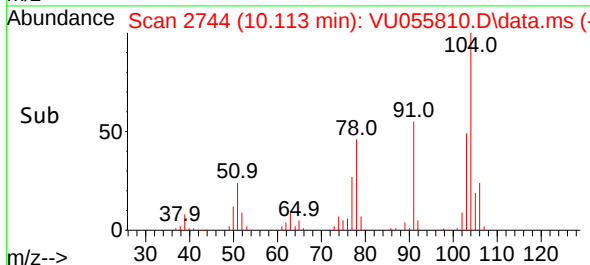
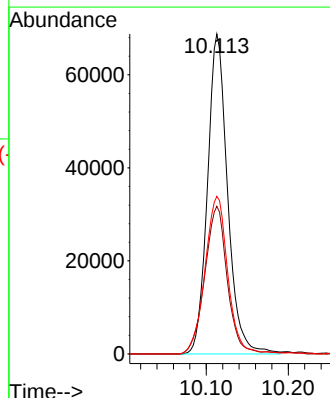
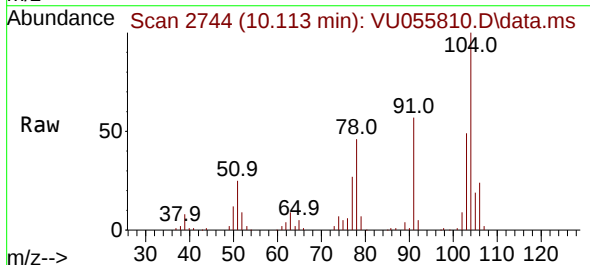
Manual Integrations
APPROVED

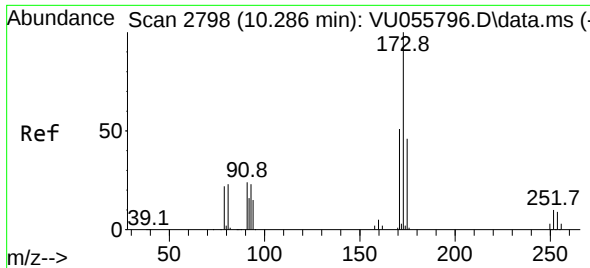
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
Styrene
Concen: 2.076 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion:104 Resp: 117589
Ion Ratio Lower Upper
104 100
78 51.2 39.7 59.5
103 55.8 44.8 67.2





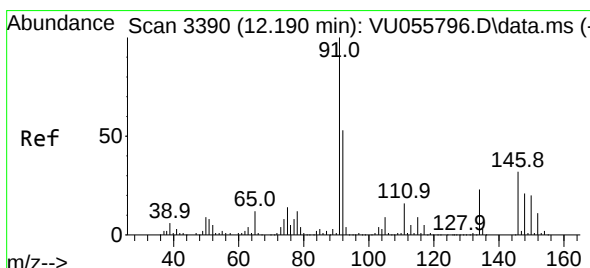
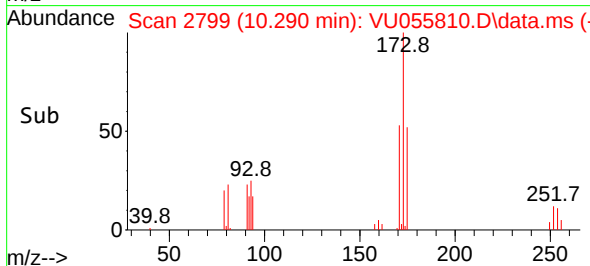
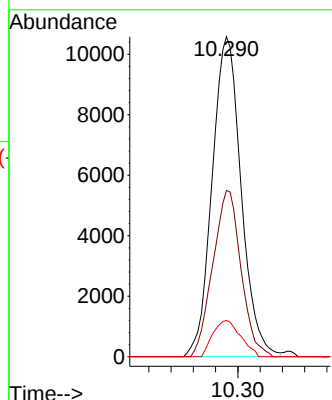
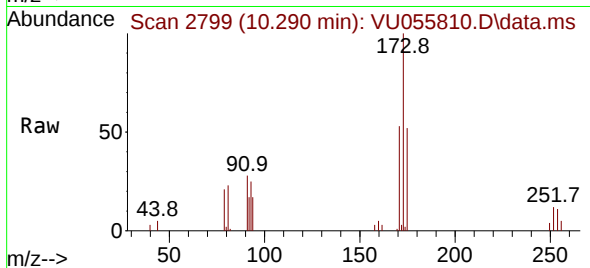
#67
Bromoform
Concen: 1.923 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion:173 Resp: 1913
Ion Ratio Lower Upper
173 100
175 50.4 39.0 58.6
254 10.8 7.4 11.0

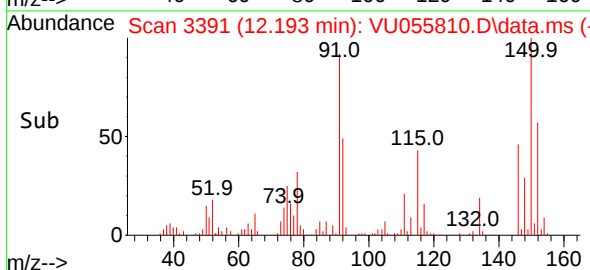
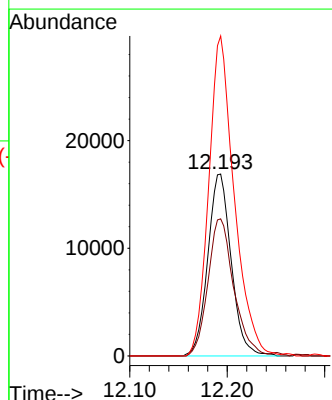
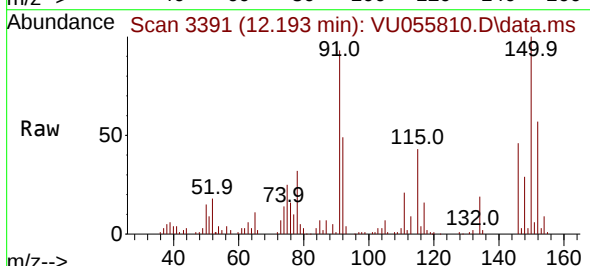
Manual Integrations
APPROVED

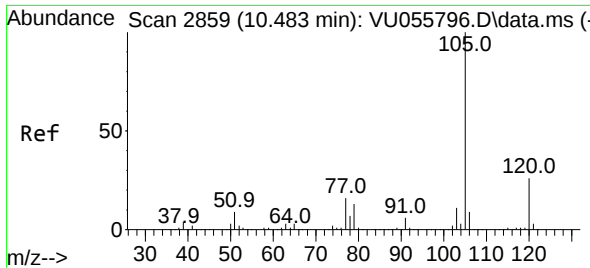
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.080 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Tgt Ion:152 Resp: 28173
Ion Ratio Lower Upper
152 100
115 83.0 0.0 308.8
150 191.1 0.0 635.0





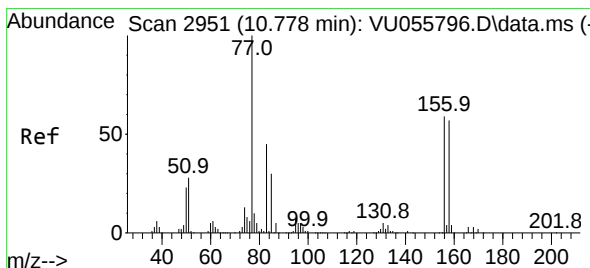
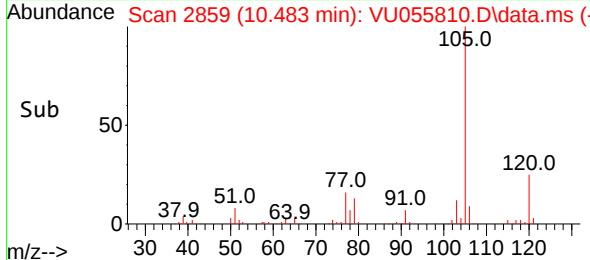
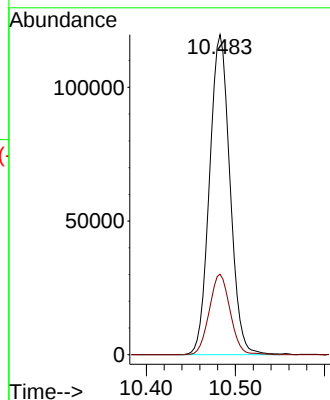
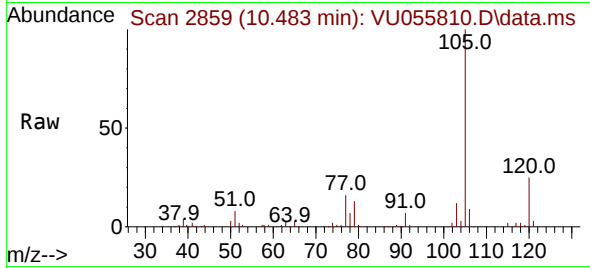
#69
Isopropylbenzene
Concen: 2.043 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion:105 Resp: 190518
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

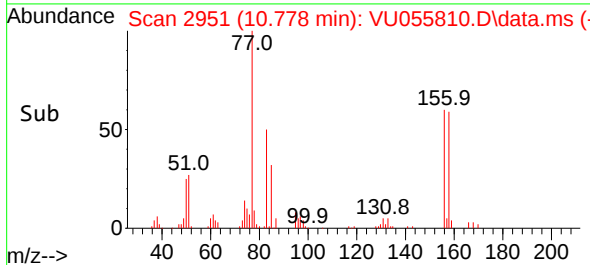
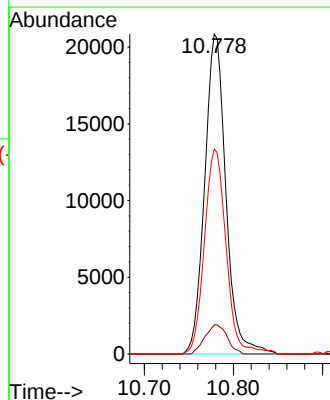
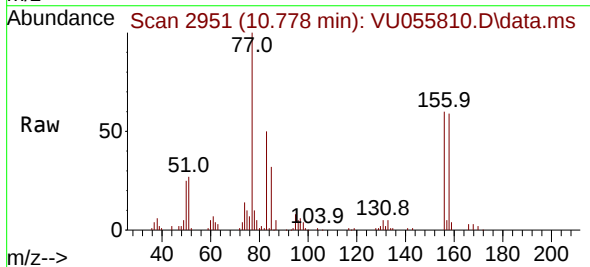
Manual Integrations
APPROVED

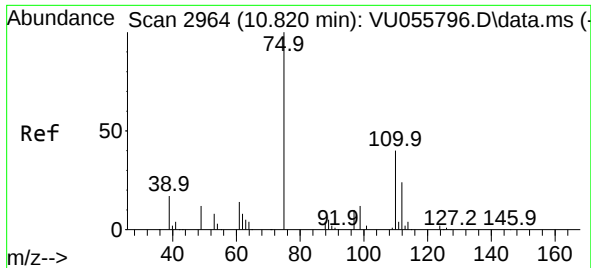
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.918 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

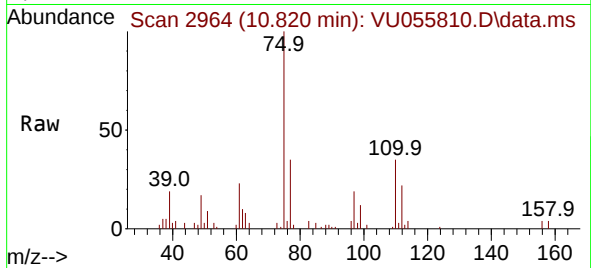
Tgt Ion: 83 Resp: 34431
Ion Ratio Lower Upper
83 100
131 9.6 7.2 10.8
85 65.5 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.896 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

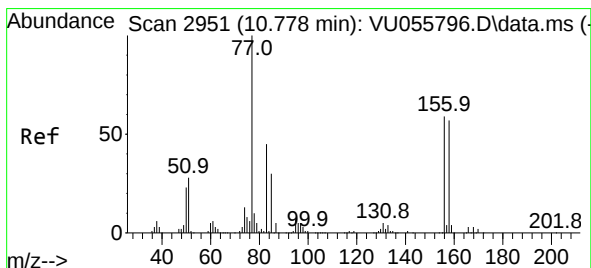
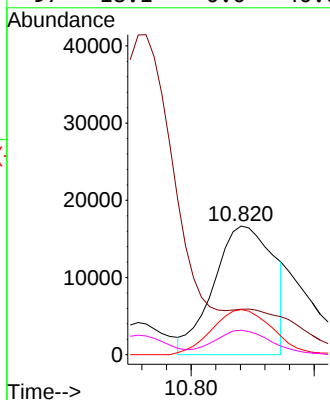
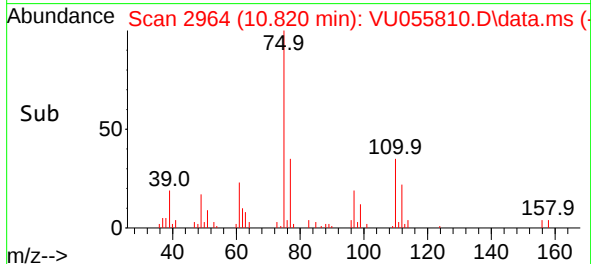
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



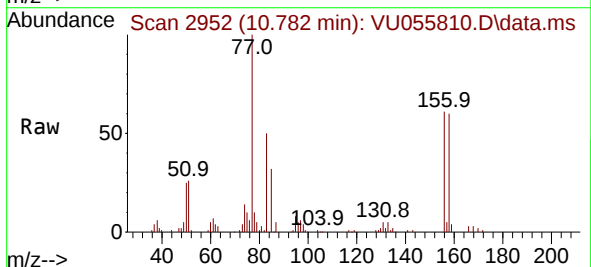
Tgt Ion:	75	Resp:	28198
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	35.6	0.0	74.6
97	18.1	0.0	40.0

Manual Integrations
APPROVED

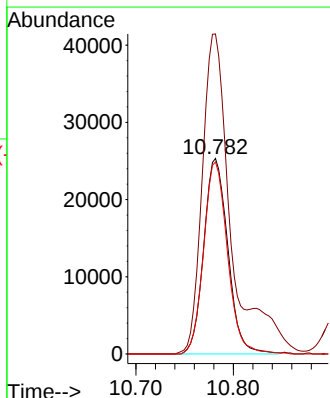
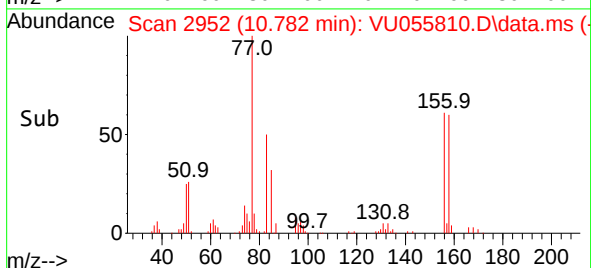
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

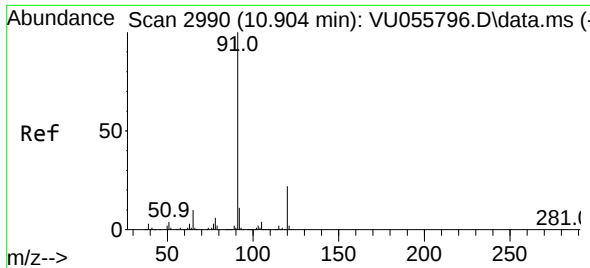


#72
Bromobenzene
Concen: 1.960 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



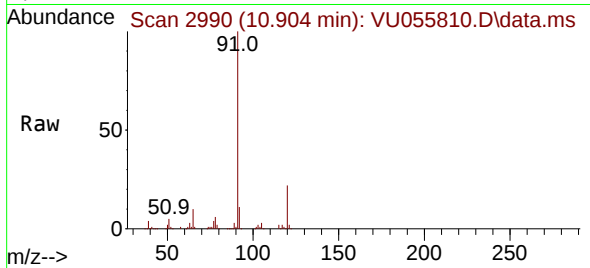
Tgt Ion:	156	Resp:	43605
Ion Ratio	Lower	Upper	
156	100		
77	170.6	0.0	343.0
158	97.3	0.0	194.8





#73
n-propylbenzene
Concen: 1.926 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

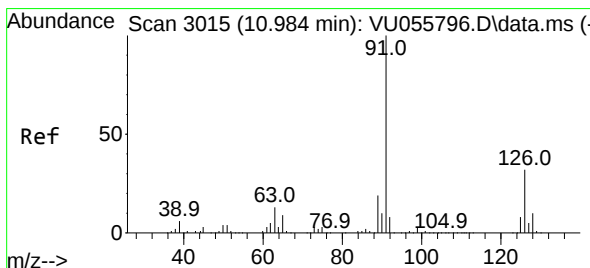
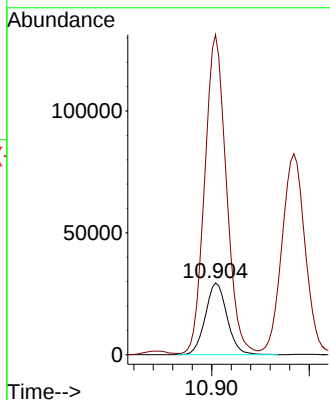
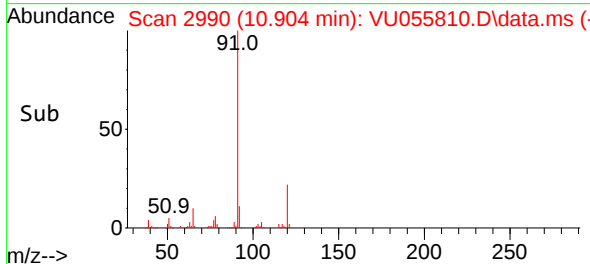
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



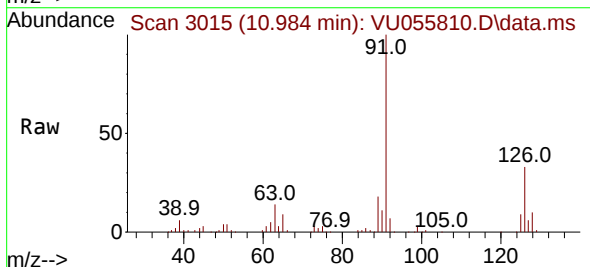
Tgt Ion:120 Resp: 45470
Ion Ratio Lower Upper
120 100
91 442.8 369.8 554.6

Manual Integrations
APPROVED

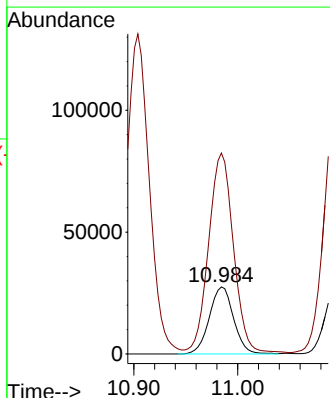
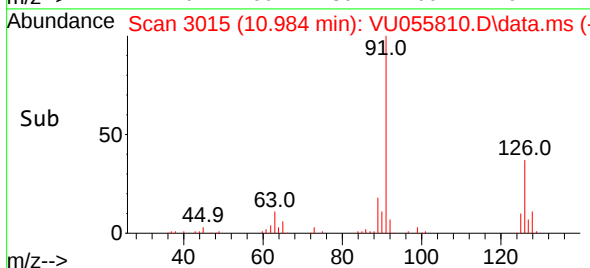
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

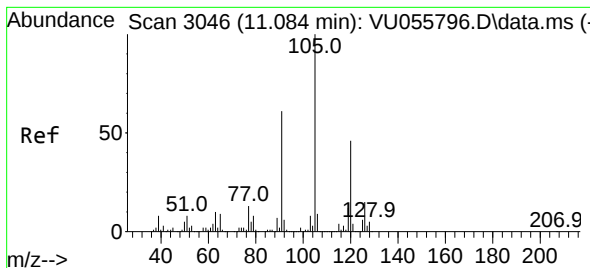


#74
2-Chlorotoluene
Concen: 1.996 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion:126 Resp: 44629
Ion Ratio Lower Upper
126 100
91 304.7 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 2.080 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055810.D

Acq: 19 Oct 2023 11:20

Instrument :

MSVOA_U

ClientSampleId :

VU1019WBS01

Tgt Ion:105 Resp: 166030

Ion Ratio Lower Upper

105 100

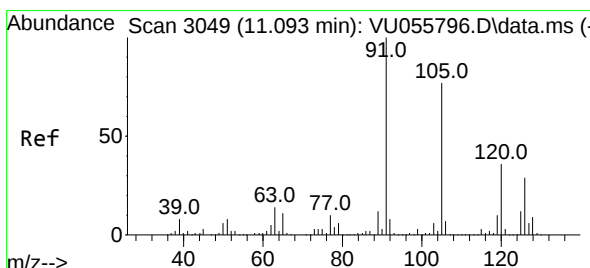
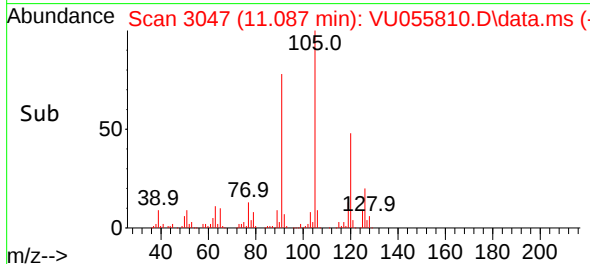
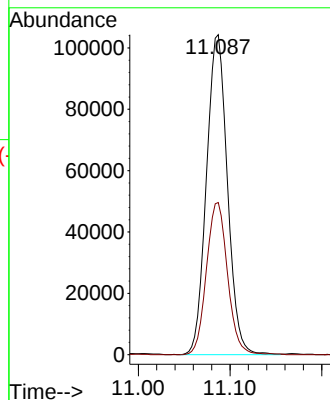
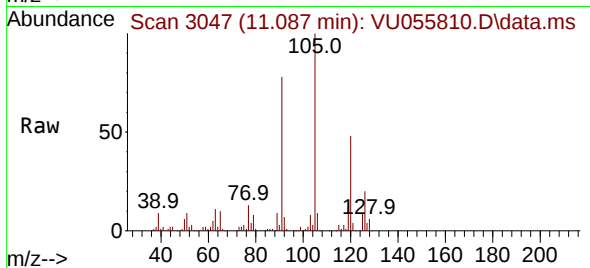
120 47.8 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#76

4-Chlorotoluene

Concen: 2.142 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU055810.D

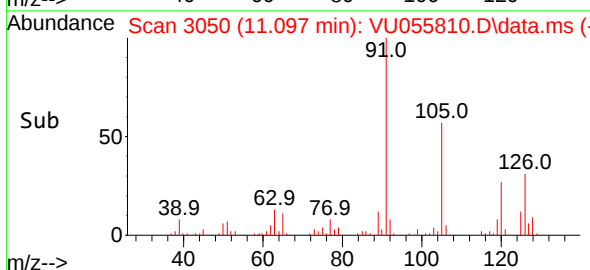
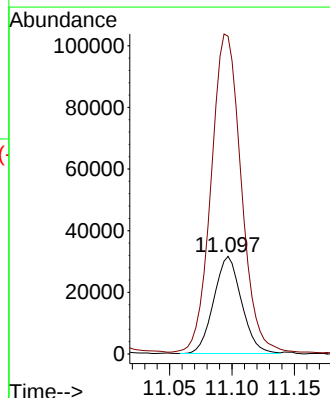
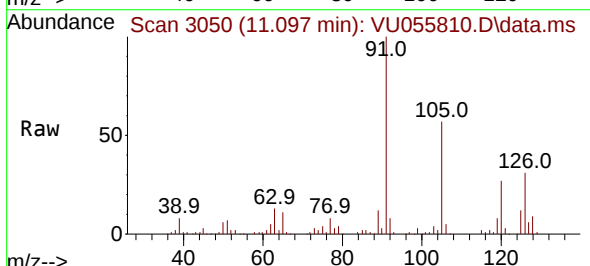
Acq: 19 Oct 2023 11:20

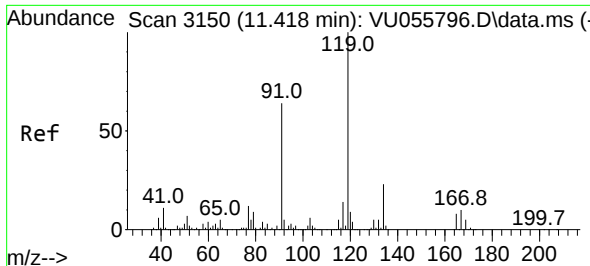
Tgt Ion:126 Resp: 48791

Ion Ratio Lower Upper

126 100

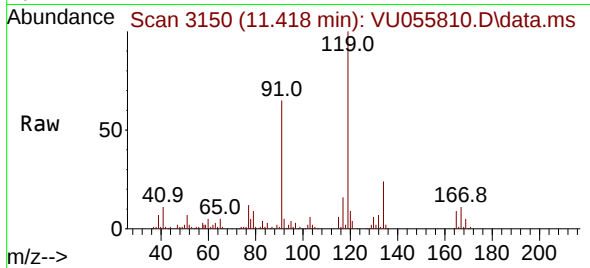
91 357.0 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.986 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

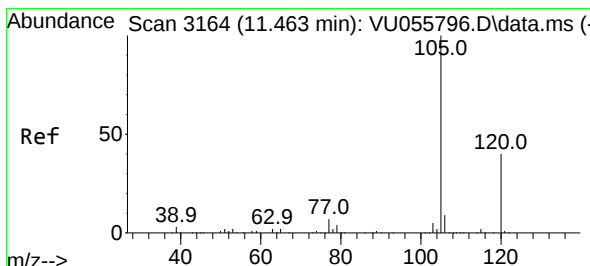
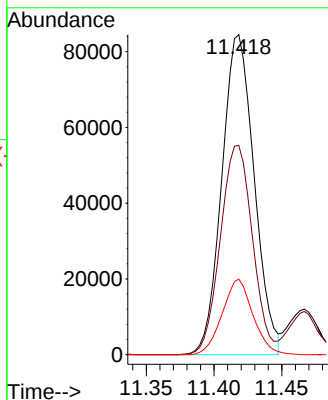
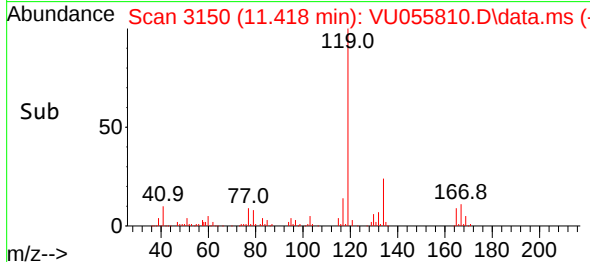
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



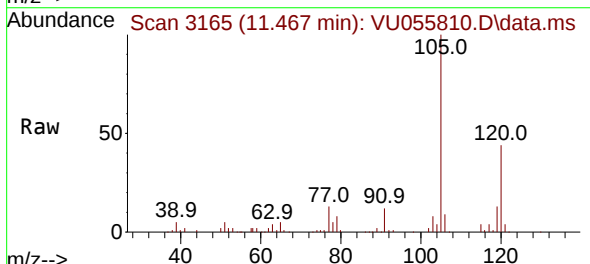
Tgt Ion:119 Resp: 14064
Ion Ratio Lower Upper
119 100
91 64.8 30.8 92.4
134 22.4 18.0 27.0

Manual Integrations
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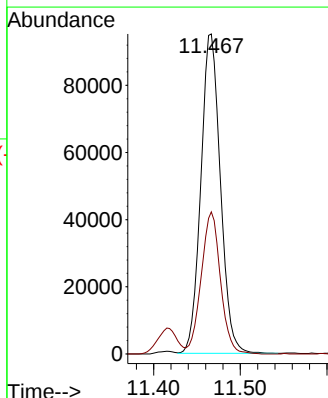
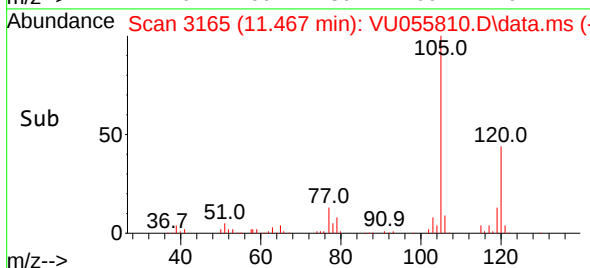
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

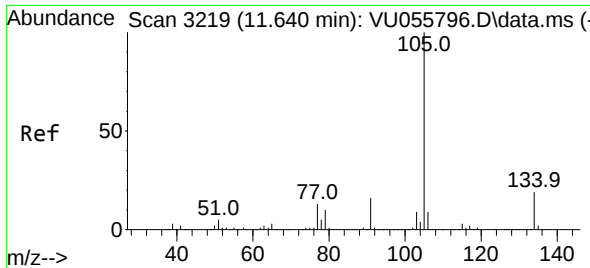


#78
1,2,4-Trimethylbenzene
Concen: 1.918 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



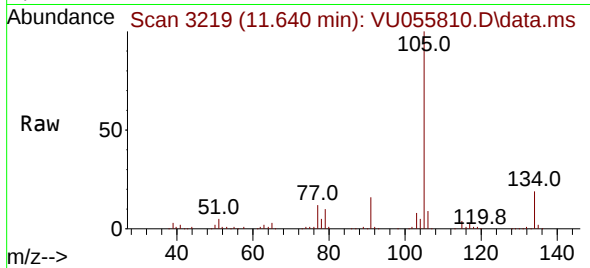
Tgt Ion:105 Resp: 149006
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.851 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20

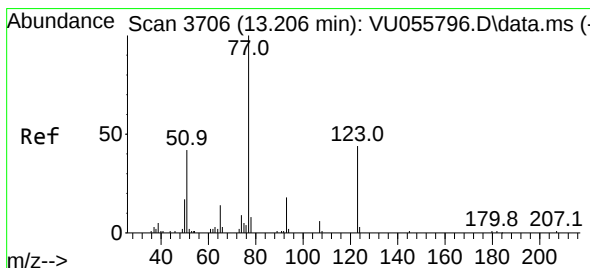
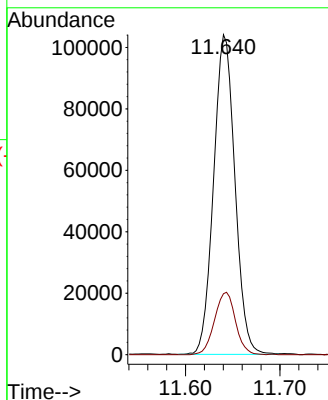
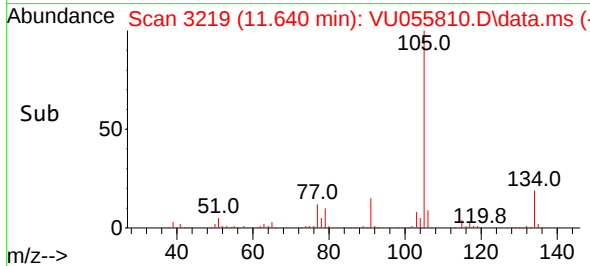
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1019WBS01



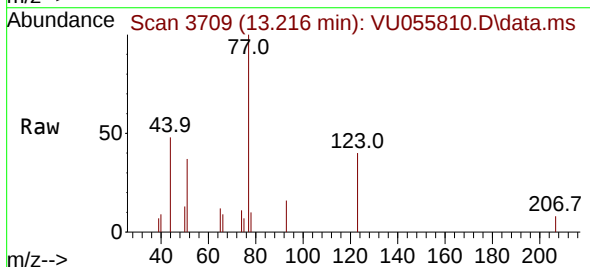
Tgt Ion:105 Resp: 162719
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.9 22.3

Manual Integrations
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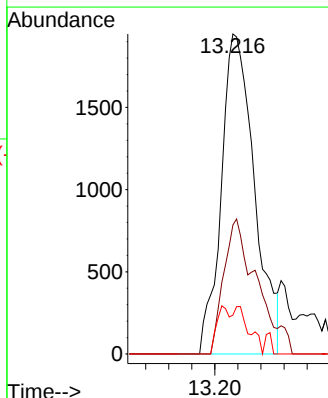
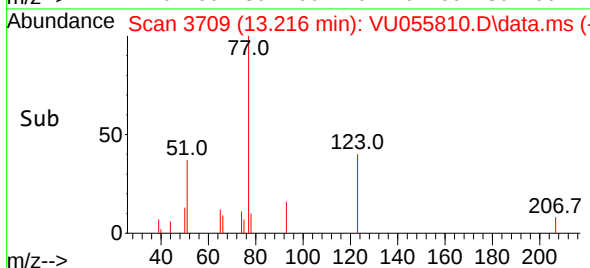
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023

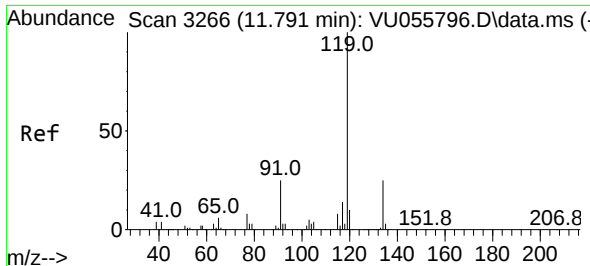


#80
 Nitrobenzene
 Concen: 8.911 ug/l m
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU055810.D
 Acq: 19 Oct 2023 11:20



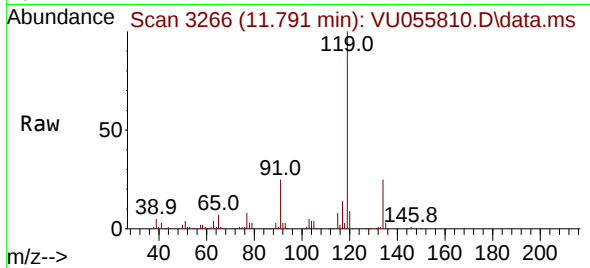
Tgt Ion: 77 Resp: 3904
 Ion Ratio Lower Upper
 77 100
 123 42.1 19.7 69.7
 65 5.6 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 1.849 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

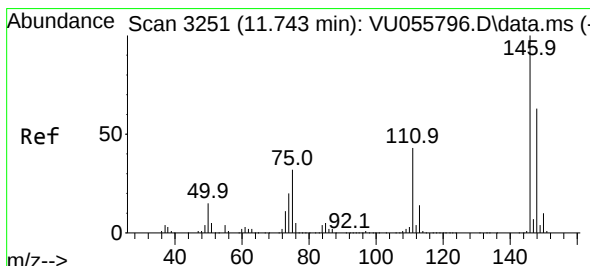
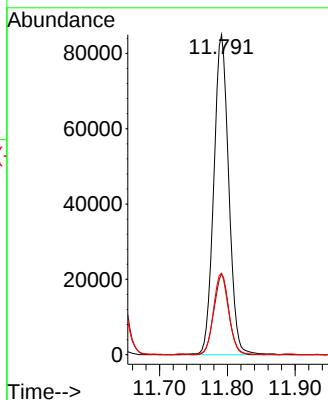
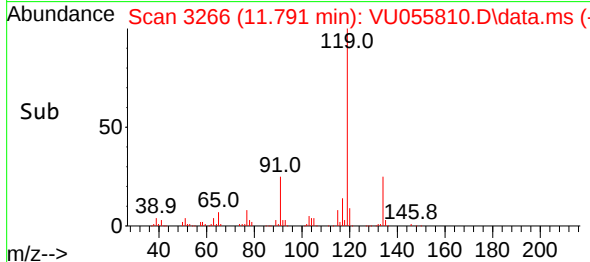
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



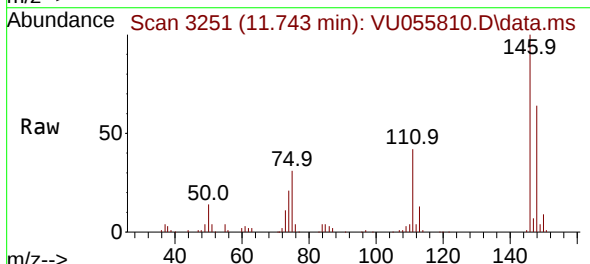
Tgt Ion:119 Resp: 129970
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 25.7 19.3 28.9

Manual Integrations
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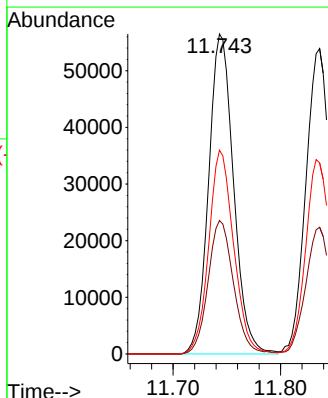
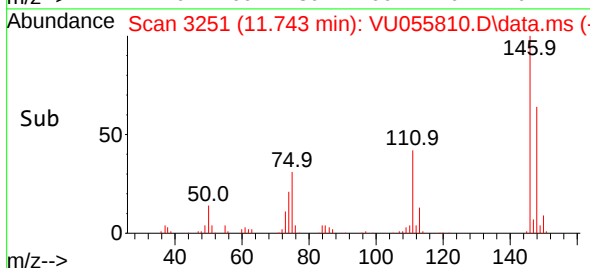
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

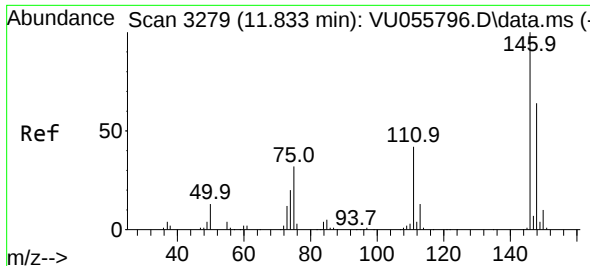


#82
1,3-Dichlorobenzene
Concen: 2.004 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



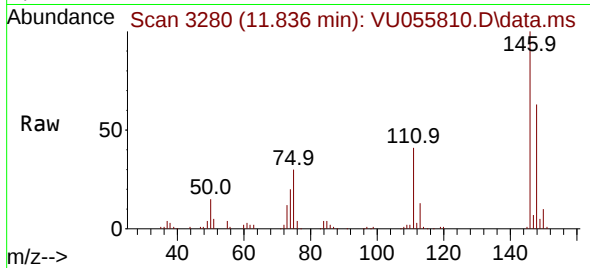
Tgt Ion:146 Resp: 91040
Ion Ratio Lower Upper
146 100
111 42.5 32.6 49.0
148 63.8 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.975 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

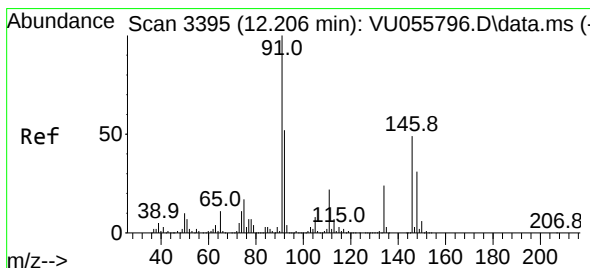
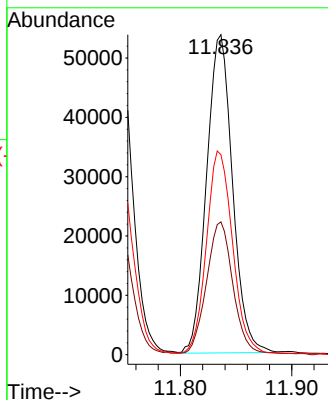
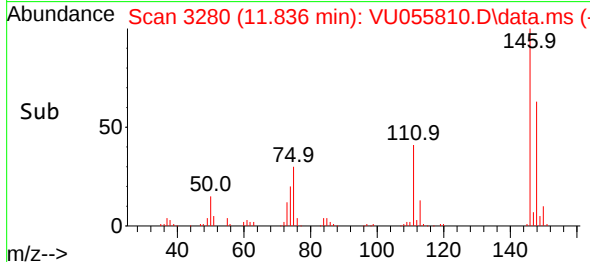
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



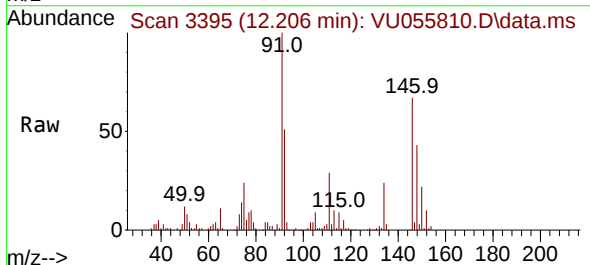
Tgt Ion:146 Resp: 8680
Ion Ratio Lower Upper
146 100
111 42.2 31.6 47.4
148 64.4 50.3 75.5

Manual Integrations
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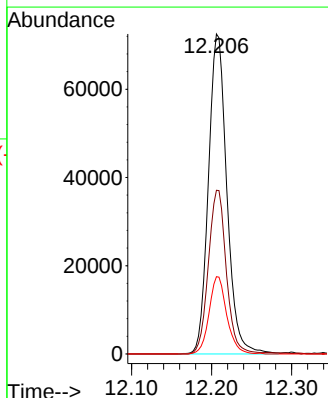
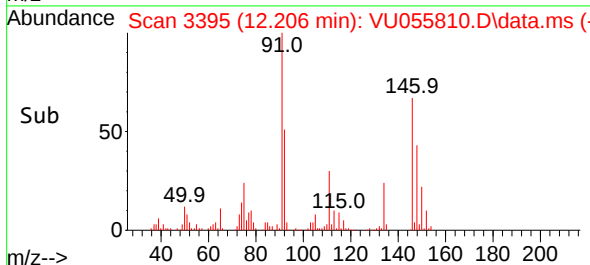
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

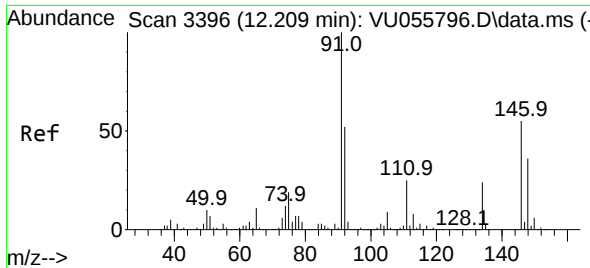


#84
n-Butylbenzene
Concen: 1.916 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



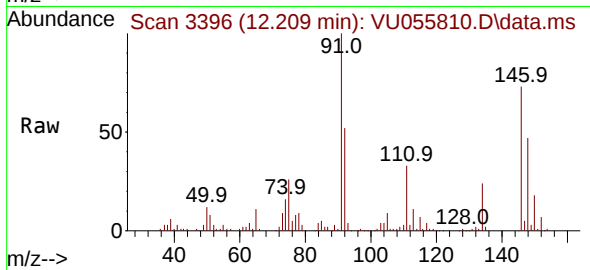
Tgt Ion: 91 Resp: 116233
Ion Ratio Lower Upper
91 100
92 49.9 40.8 61.2
134 23.2 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 2.115 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

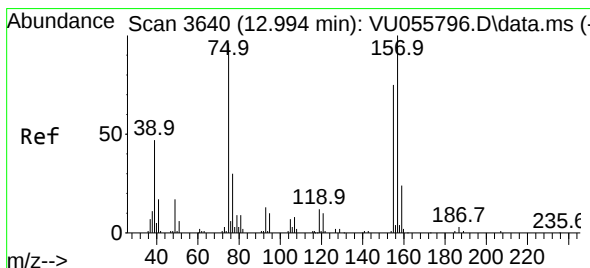
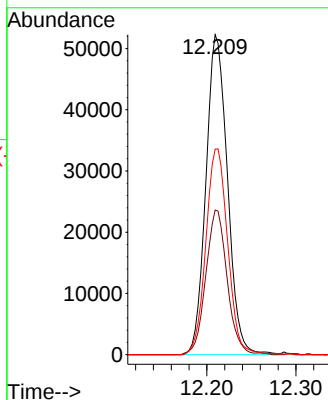
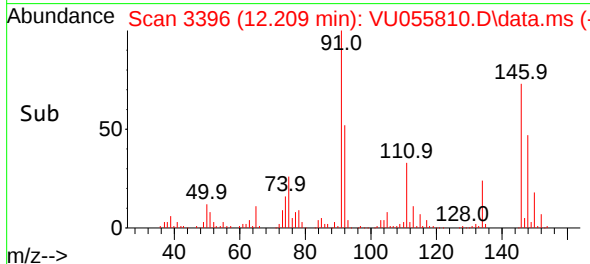
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



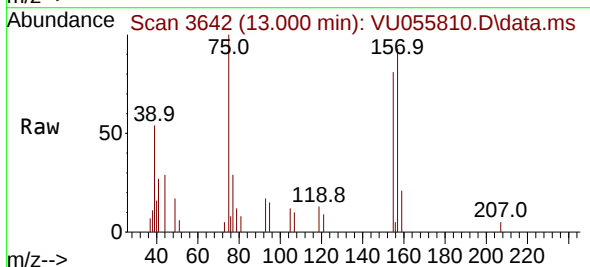
Tgt Ion:146 Resp: 87790
Ion Ratio Lower Upper
146 100
111 44.6 21.6 64.6
148 65.2 32.1 96.5

Manual Integrations
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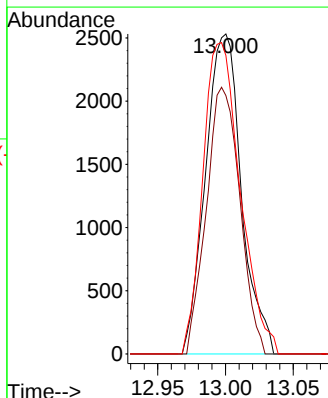
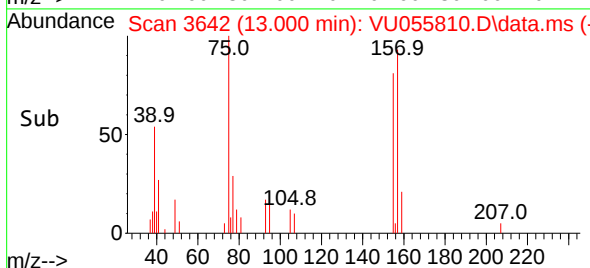
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

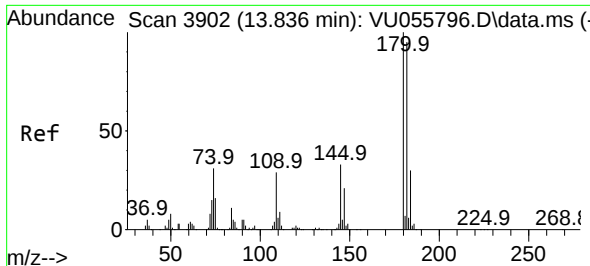


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.820 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.006 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion: 75 Resp: 4662
Ion Ratio Lower Upper
75 100
155 77.8 61.8 92.8
157 101.6 80.2 120.4





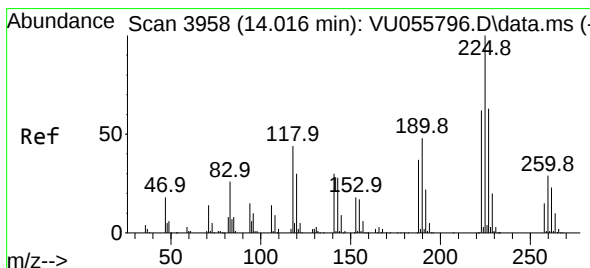
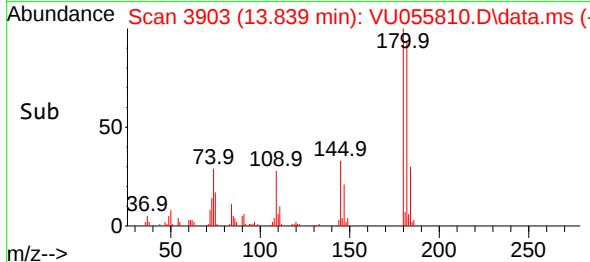
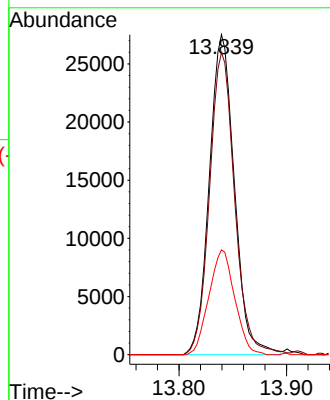
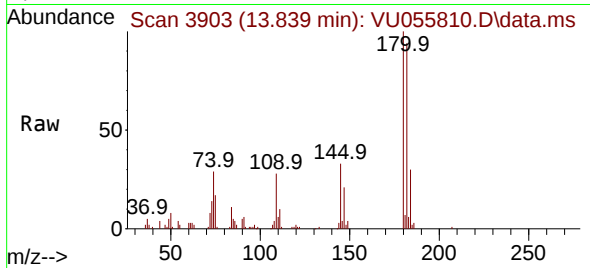
#87
1,2,4-Trichlorobenzene
Concen: 1.995 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01

Tgt Ion:180 Resp: 4447
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 33.7 23.9 35.9

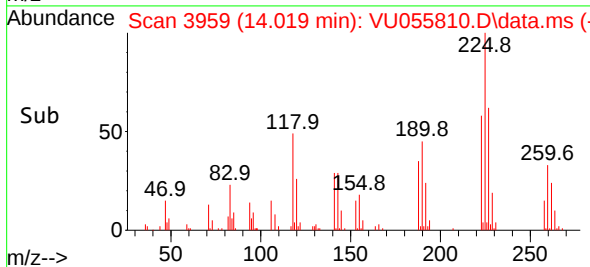
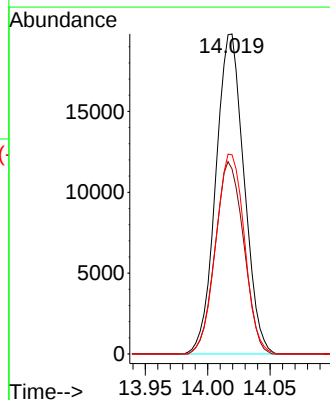
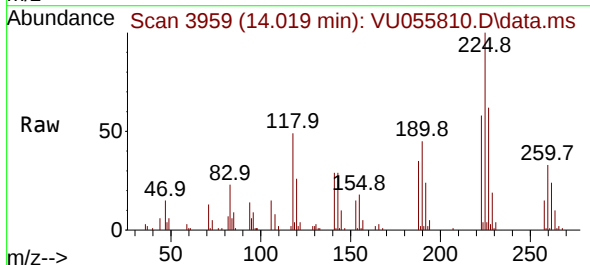
Manual Integrations
APPROVED

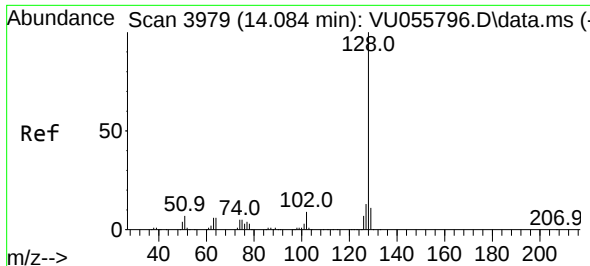
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#88
Hexachlorobutadiene
Concen: 1.994 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

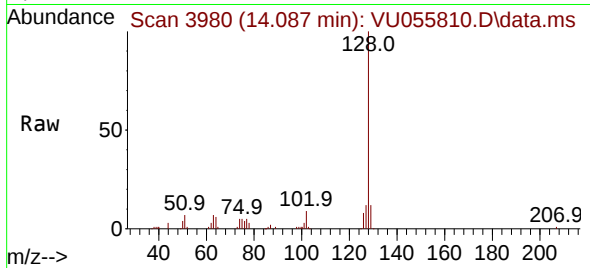
Tgt Ion:225 Resp: 31237
Ion Ratio Lower Upper
225 100
223 60.7 50.2 75.4
227 63.5 51.5 77.3





#89
Naphthalene
Concen: 1.896 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20

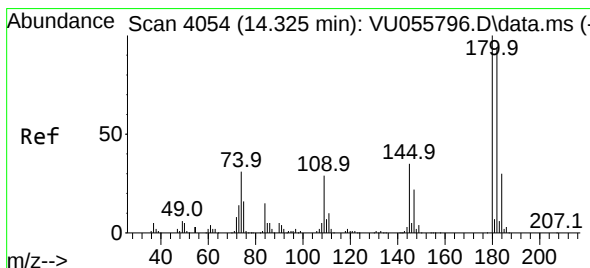
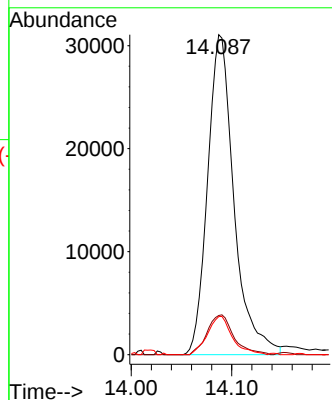
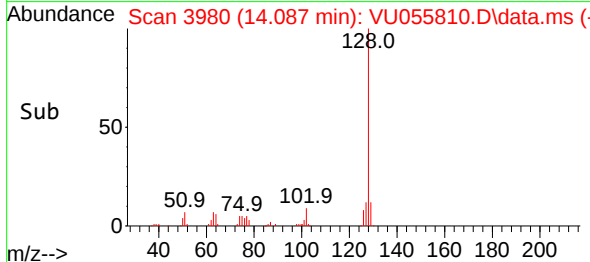
Instrument :
MSVOA_U
ClientSampleId :
VU1019WBS01



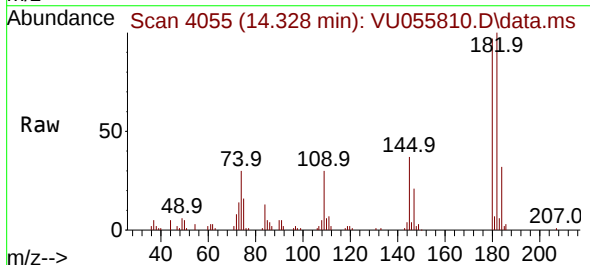
Tgt Ion:128 Resp: 56600
Ion Ratio Lower Upper
128 100
127 12.6 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.894 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055810.D
Acq: 19 Oct 2023 11:20



Tgt Ion:180 Resp: 35434
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 35.7 26.1 39.1

