

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055798.D
 Acq On : 18 Oct 2023 13:34
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU101823

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

Quant Time: Oct 19 03:41:12 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	6.110	96	103295	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.637	95	42979	1.055	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	37232	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	234192	5.838	ug/l	100
3) Chloromethane	1.518	50	262450	7.655	ug/l	98
4) Vinyl Chloride	1.602	62	276144	7.860	ug/l	98
5) Bromomethane	1.856	94	149830	7.748	ug/l	99
6) Chloroethane	1.927	64	111666	6.562	ug/l	99
7) Trichlorofluoromethane	2.117	101	281539	6.076	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	252824	8.185	ug/l	95
9) 1,1-Dichloroethene	2.560	96	250577	8.698	ug/l	93
10) Iodomethane	2.708	142	353652	8.237	ug/l	99
11) Allyl Chloride	2.911	41	372671	9.951	ug/l	93
12) Acrylonitrile	3.319	53	272708	50.373	ug/l	100
13) Acetone	2.647	43	292142	25.295	ug/l	99
14) Carbon Disulfide	2.776	76	740470	7.873	ug/l	99
15) Methylene Chloride	3.033	84	302236	8.894	ug/l	93
16) trans-1,2-Dichloroethene	3.342	96	281341	9.214	ug/l	93
17) 1,1-Dichloroethane	3.859	63	531569	9.361	ug/l	99
18) 2-Butanone	4.718	43	515746m	41.447	ug/l	
19) Cyclohexane	5.377	56	437669m	9.035	ug/l	
20) Methylcyclohexane	6.756	83	489961	9.735	ug/l	97
21) 2,2-Dichloropropane	4.653	77	453820	9.490	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	322346	9.904	ug/l	100
23) Diethyl Ether	2.367	59	143453	8.329	ug/l	94
24) tert-Butyl Alcohol	3.342	59	89426m	50.623	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	626772	10.109	ug/l	96
26) Bromochloromethane	4.965	128	122755	8.899	ug/l	95
27) Chloroform	5.081	83	544052	9.336	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	475795	9.110	ug/l	97
29) 1,1-Dichloropropene	5.518	75	397317	9.604	ug/l	99
30) Carbon Tetrachloride	5.515	117	411352	9.022	ug/l	100
31) Isopropyl Ether	3.988	45	805830	10.563	ug/l	# 1
34) Propionitrile	4.795	54	185132	94.044	ug/l	# 8
35) Benzene	5.766	78	1194529	9.532	ug/l	99
36) 1,2-Dichloroethane	5.788	62	315475	9.270	ug/l	99
37) Trichloroethene	6.538	130	297897	9.137	ug/l	99
38) 1,2-Dichloropropane	6.785	63	310965	9.502	ug/l	100
39) Methacrylonitrile	4.978	41	71854	9.789	ug/l	# 90
40) Methyl acrylate	4.846	55	148235	9.559	ug/l	# 94
41) Tetrahydrofuran	5.059	42	202581	48.704	ug/l	98
42) 1-Chlorobutane	5.451	56	545065	9.883	ug/l	99
43) Dibromomethane	6.917	93	155757	10.014	ug/l	99
44) Bromodichloromethane	7.103	83	407838	9.922	ug/l	98
45) 4-Methyl-2-Pentanone	7.820	43	783954	48.736	ug/l	97
46) t-1,4-Dichloro-2-butene	10.830	75	125397m	19.596	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.962	69	136275	10.621	ug/l	92
48) Ethyl methacrylate	8.338	69	278665	9.388	ug/l	95
49) Toluene	7.965	92	770713	10.392	ug/l	95
50) t-1,3-Dichloropropene	8.210	75	389709	10.714	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	466392	10.477	ug/l	95
52) 1,1,2-Trichloroethane	8.399	97	219888	9.898	ug/l	99
53) 1,3-Dichloropropane	8.576	76	378181	9.960	ug/l	99
54) 2-Hexanone	8.708	43	583606	32.385	ug/l	96
55) Dibromochloromethane	8.811	129	262092	9.774	ug/l	99
56) 1,2-Dibromoethane	8.923	107	207556	10.225	ug/l	98
58) Tetrachloroethene	8.550	164	293322	8.652	ug/l	95
59) Chlorobenzene	9.447	112	810376	9.893	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.534	131	294159	10.076	ug/l	98
61) Pentachloroethane	11.428	117	216719	10.969	ug/l	91
62) Hexachloroethane	12.476	117	228848	9.369	ug/l	99
63) Ethyl Benzene	9.570	91	1522134	10.950	ug/l	99
64) m/p-Xylenes	9.692	106	1175044	21.990	ug/l	98
65) o-Xylene	10.100	106	561421	10.707	ug/l	96
66) Styrene	10.116	104	931308	11.358	ug/l	97
67) Bromoform	10.296	173	147276	10.226	ug/l	98
69) Isopropylbenzene	10.483	105	1503971	11.142	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.788	83	251443	9.679	ug/l	97
71) 1,2,3-Trichloropropane	10.827	75	188867m	8.771	ug/l	
72) Bromobenzene	10.785	156	331236	10.284	ug/l	100
73) n-propylbenzene	10.907	120	394540	9.219	ug/l	98
74) 2-Chlorotoluene	10.988	126	347940	10.753	ug/l	96
75) 1,3,5-Trimethylbenzene	11.087	105	1309245	9.431	ug/l	98
76) 4-Chlorotoluene	11.100	126	345715	10.484	ug/l	90
77) tert-Butylbenzene	11.422	119	1182120	9.251	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	1261243	9.060	ug/l	99
79) sec-Butylbenzene	11.643	105	1523186	9.075	ug/l	99
80) Nitrobenzene	13.216	77	8479m	11.862	ug/l	
81) p-Isopropyltoluene	11.791	119	1219275	8.912	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	655482	9.970	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	641917	10.089	ug/l	97
84) n-Butylbenzene	12.206	91	989566	8.520	ug/l	98
85) 1,2-Dichlorobenzene	12.213	146	582031	9.687	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	38407	10.356	ug/l	99
87) 1,2,4-Trichlorobenzene	13.840	180	357978	8.994	ug/l	99
88) Hexachlorobutadiene	14.020	225	223861	9.874	ug/l	99
89) Naphthalene	14.084	128	558485	9.003	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	311651	9.035	ug/l	99

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

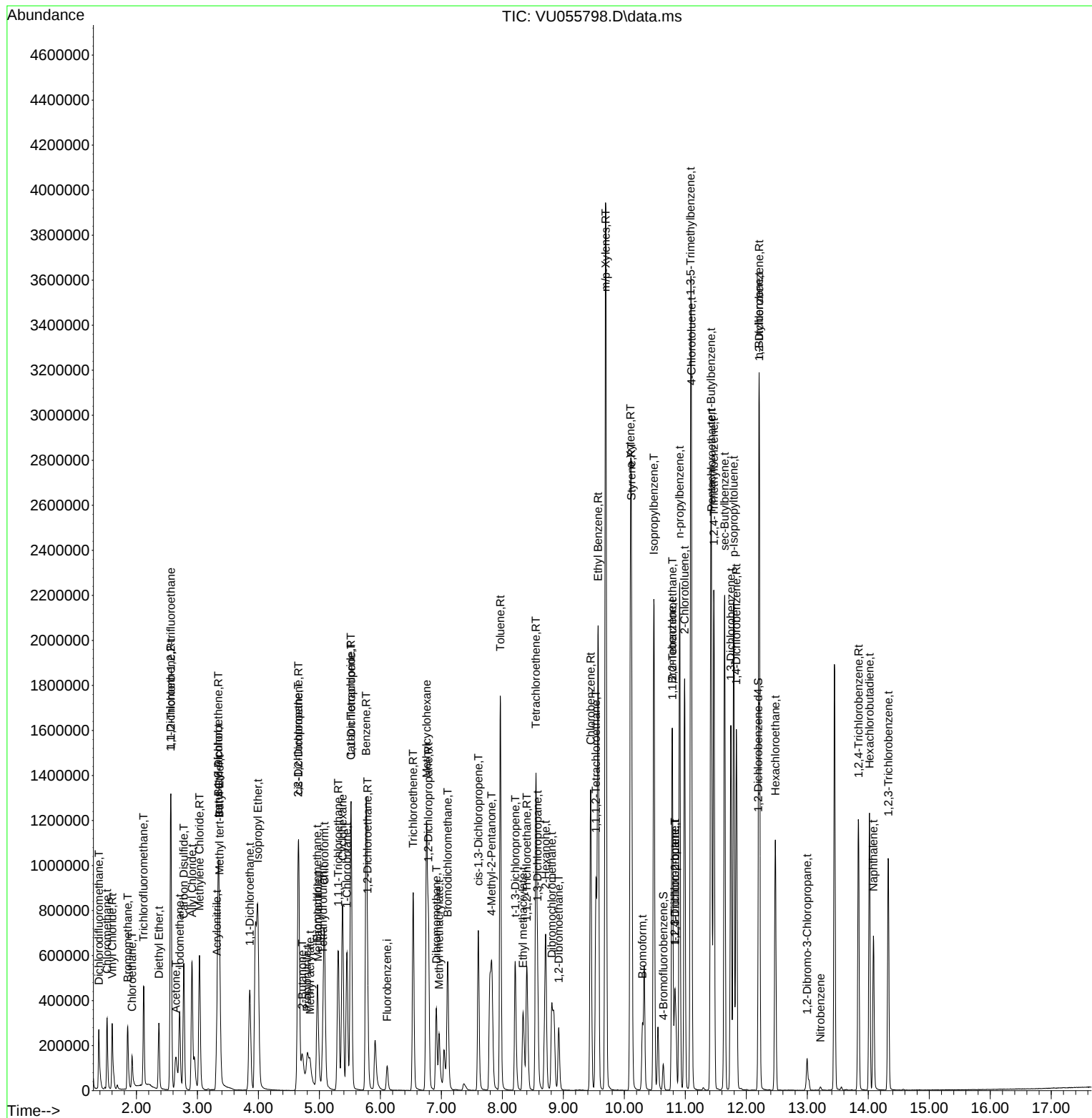
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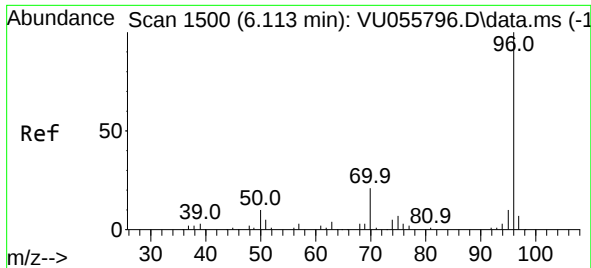
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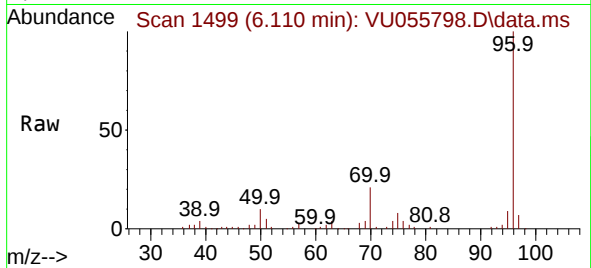
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU055798.D
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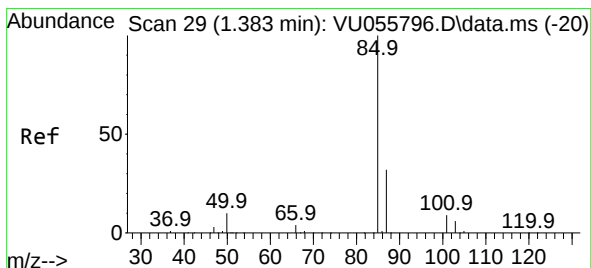
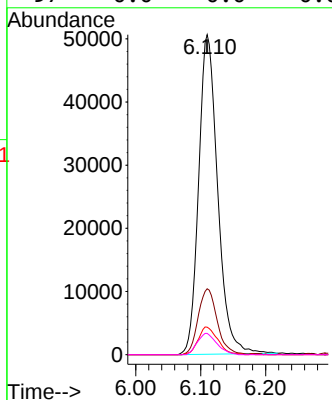
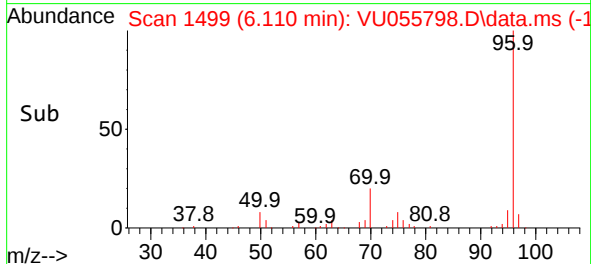
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion: 96 Resp: 103295
Ion Ratio Lower Upper
96 100
70 20.2 16.5 24.7
95 8.9 7.4 11.0
97 0.0 0.0 0.0

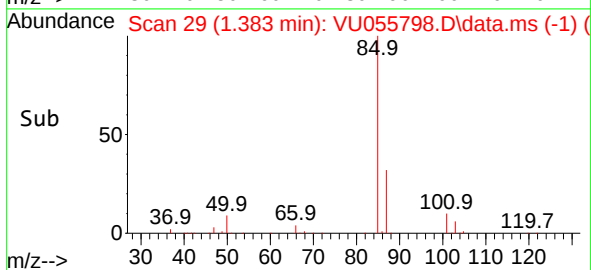
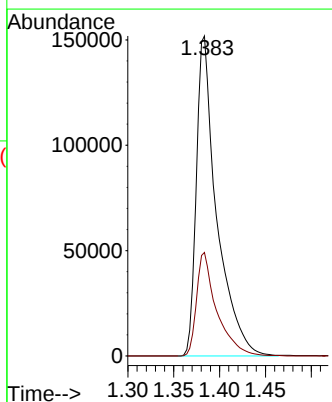
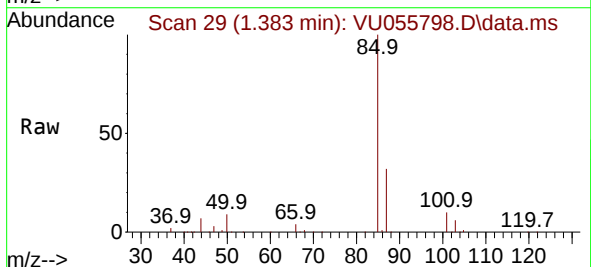
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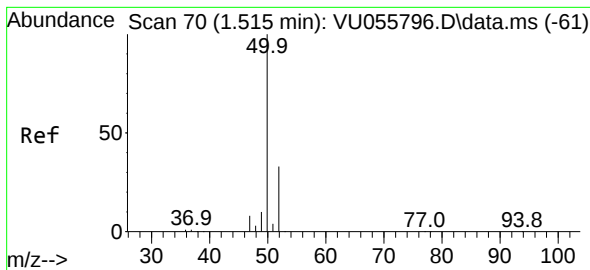
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#2
Dichlorodifluoromethane
Concen: 5.838 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion: 85 Resp: 234192
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3

Chloromethane

Concen: 7.655 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 50 Resp: 262450

Ion Ratio Lower Upper

50 100

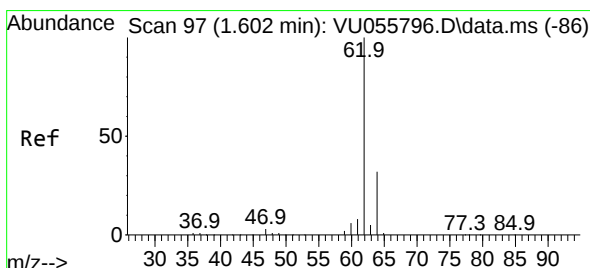
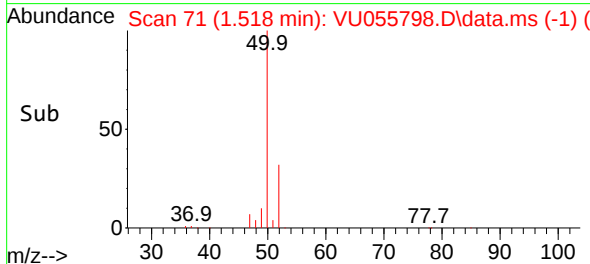
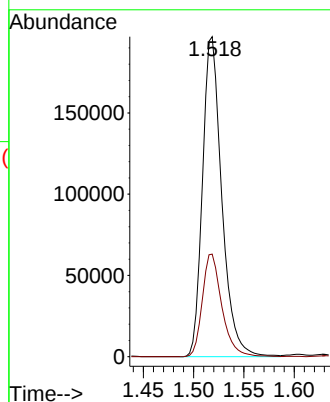
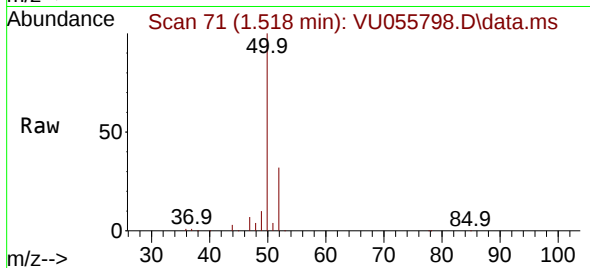
52 32.0 26.6 40.0

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#4

Vinyl Chloride

Concen: 7.860 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU055798.D

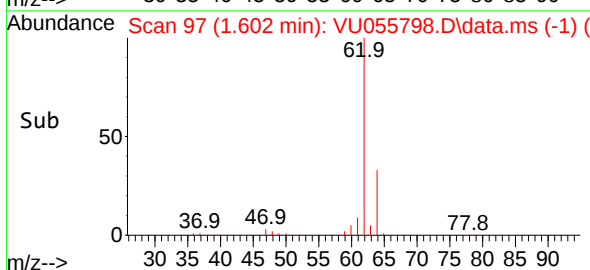
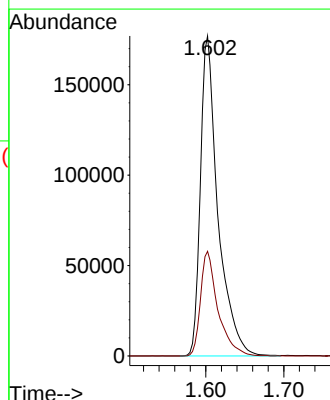
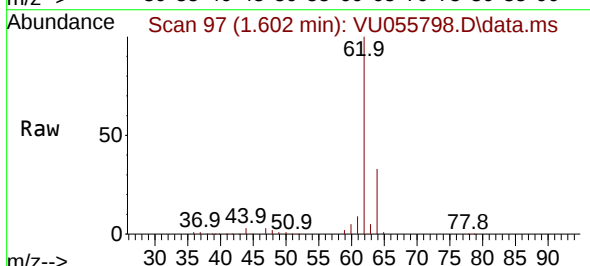
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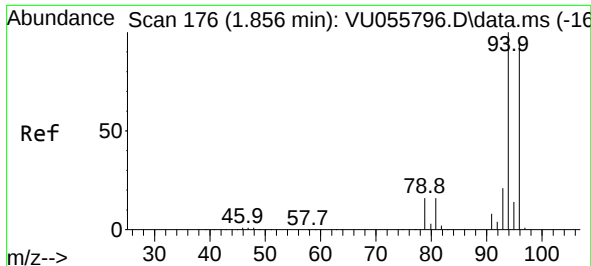
Tgt Ion: 62 Resp: 276144

Ion Ratio Lower Upper

62 100

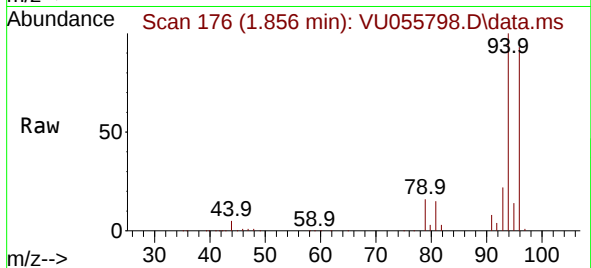
64 32.7 25.4 38.2





#5
Bromomethane
Concen: 7.748 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

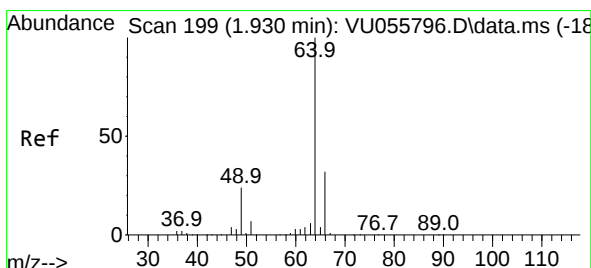
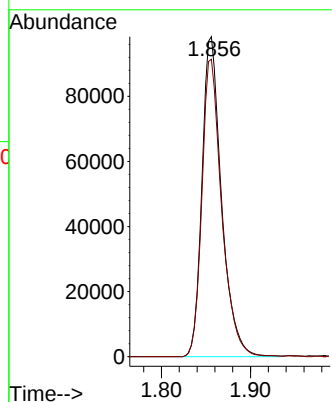
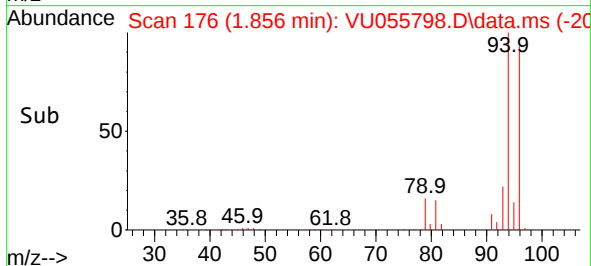
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 149830
Ion Ratio Lower Upper
94 100
96 92.9 75.4 113.2

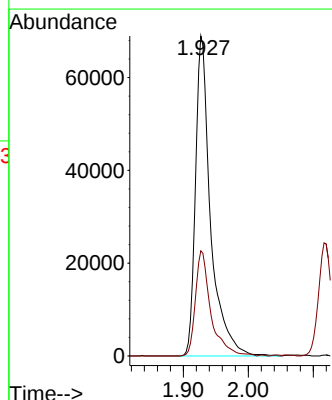
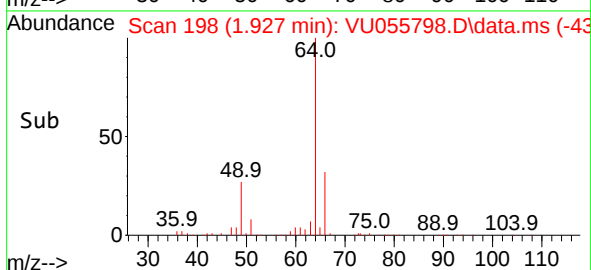
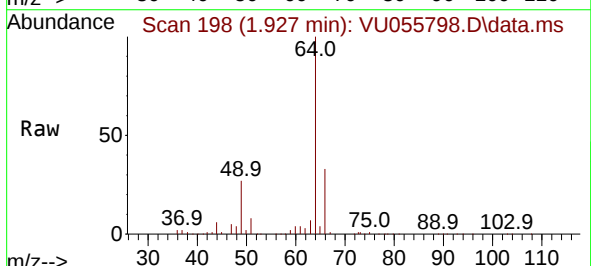
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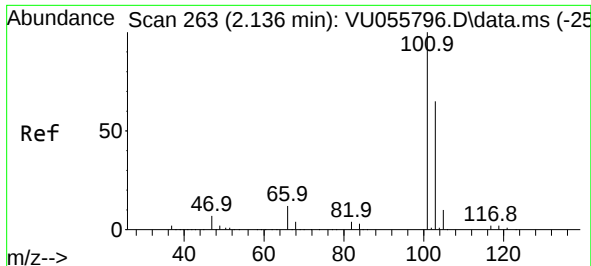
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 6.562 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

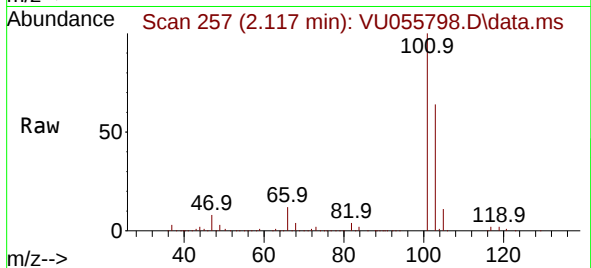
Tgt Ion: 64 Resp: 111666
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 6.076 ug/l
RT: 2.117 min Scan# 21
Delta R.T. -0.019 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

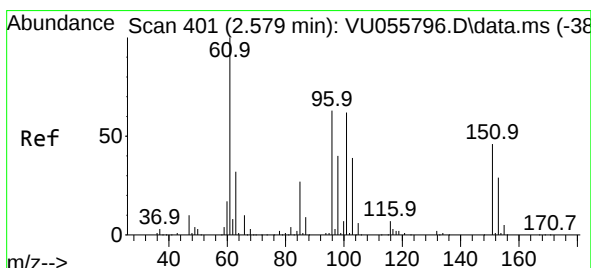
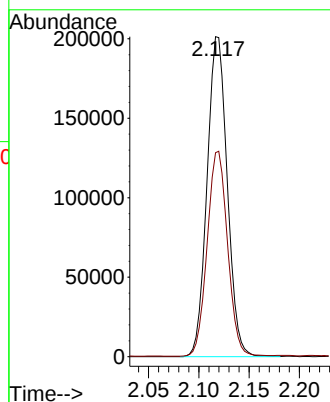
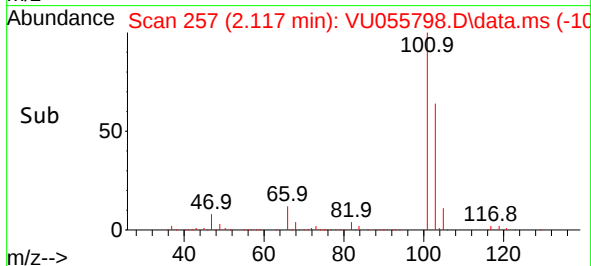
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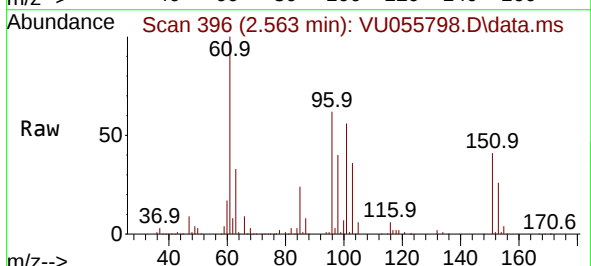
Tgt Ion:101 Resp: 281539
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

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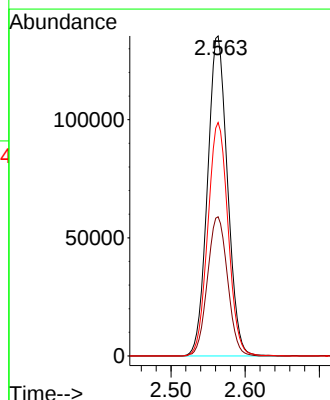
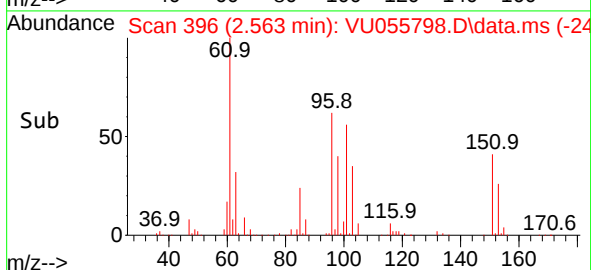
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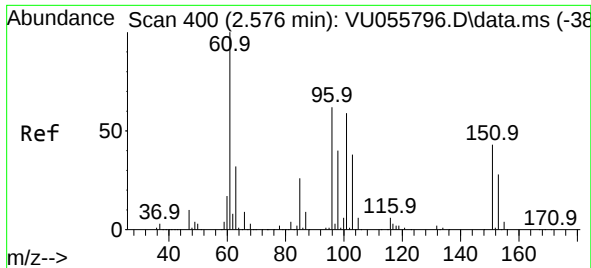


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.185 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.016 min
Lab File: VU055798.D
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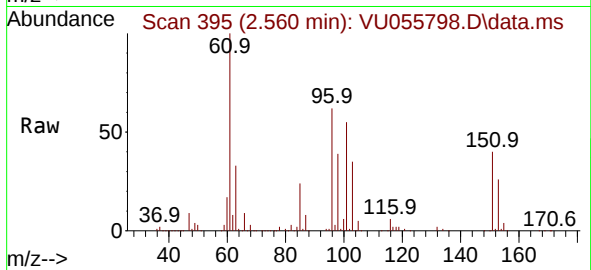
Tgt Ion:101 Resp: 252824
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 73.6 54.0 81.0





#9
1,1-Dichloroethene
Concen: 8.698 ug/l
RT: 2.560 min Scan# 395
Delta R.T. -0.016 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

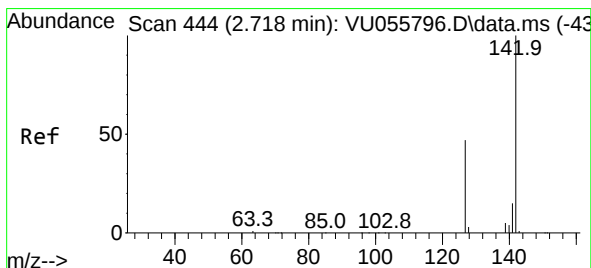
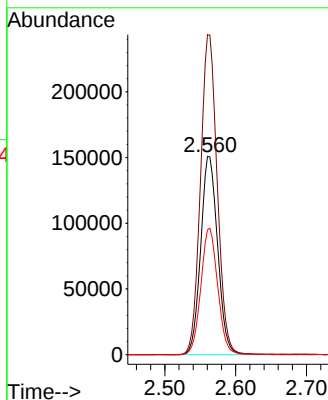
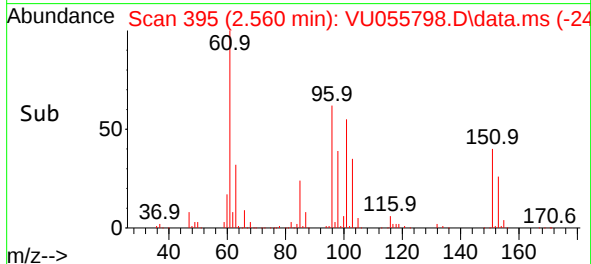
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ICVVU101823



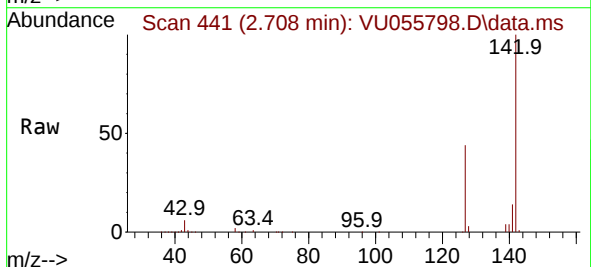
Tgt Ion: 96 Resp: 250572
Ion Ratio Lower Upper
96 100
61 161.4 0.0 521.4
98 62.9 0.0 125.8

Manual Integrations
APPROVED

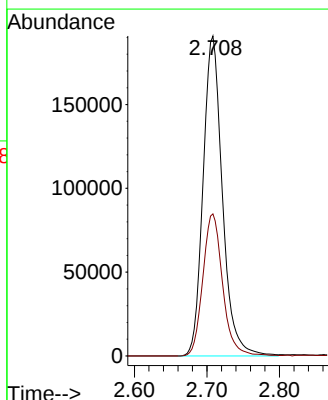
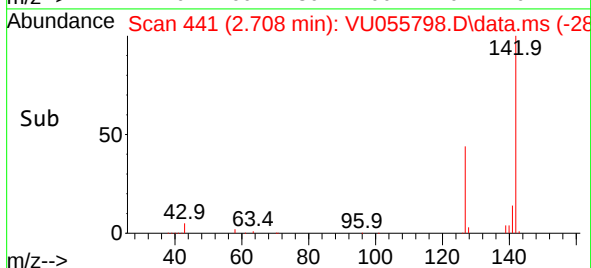
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

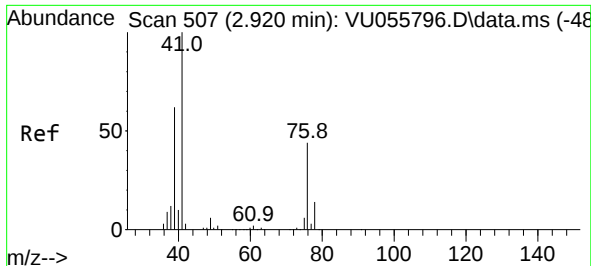


#10
Iodomethane
Concen: 8.237 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.010 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



Tgt Ion:142 Resp: 353652
Ion Ratio Lower Upper
142 100
127 45.6 35.9 53.9





#11

Allyl Chloride

Concen: 9.951 ug/l

RT: 2.911 min Scan# 507

Delta R.T. -0.009 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 41 Resp: 37267

Ion Ratio Lower Upper

41 100

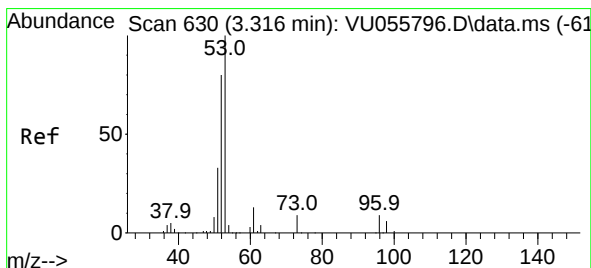
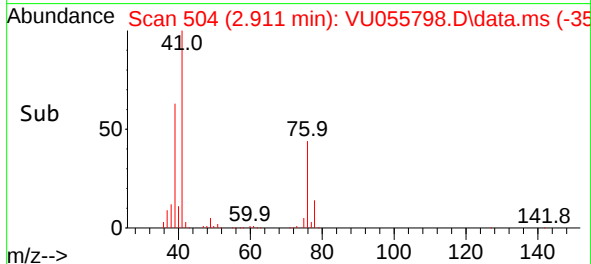
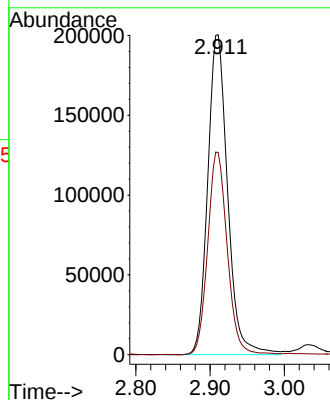
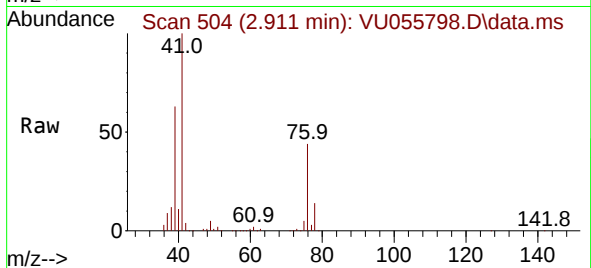
39 62.2 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#12

Acrylonitrile

Concen: 50.373 ug/l

RT: 3.319 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

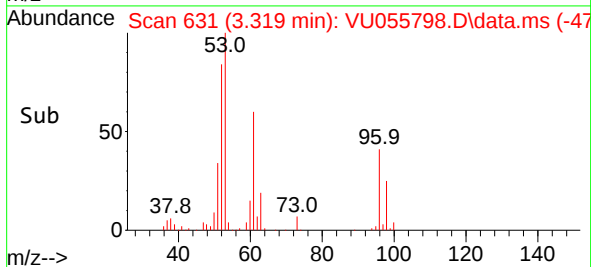
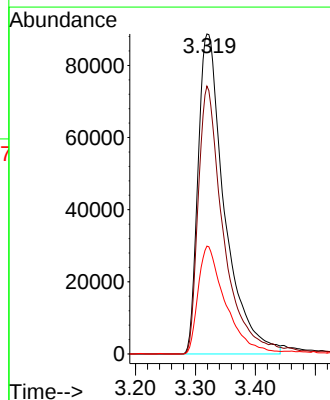
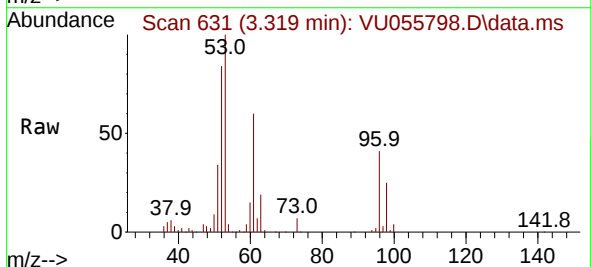
Tgt Ion: 53 Resp: 272708

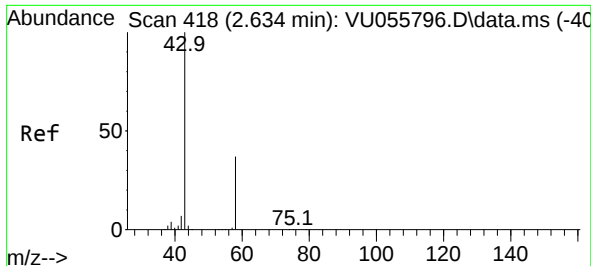
Ion Ratio Lower Upper

53 100

52 78.3 62.9 94.3

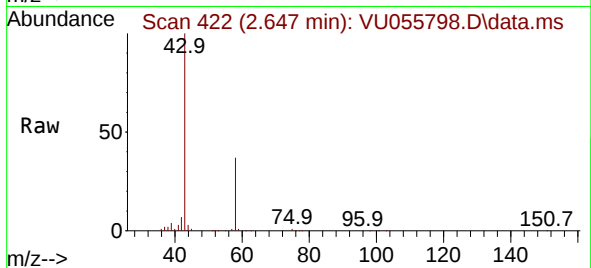
51 34.9 27.8 41.6





#13
Acetone
Concen: 25.295 ug/l
RT: 2.647 min Scan# 418
Delta R.T. 0.013 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

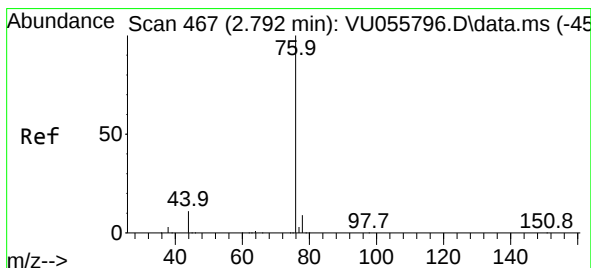
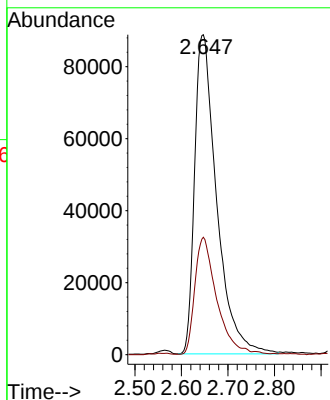
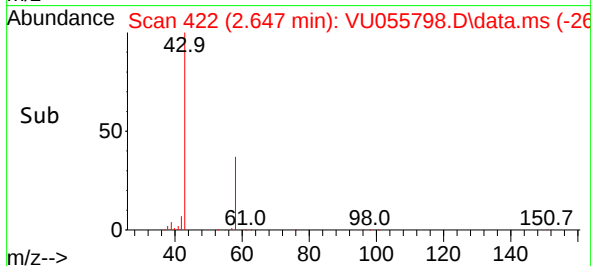
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion: 43 Resp: 29214
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.4

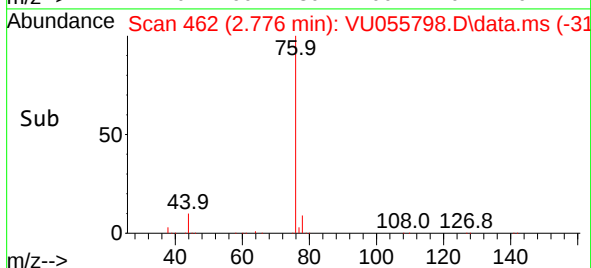
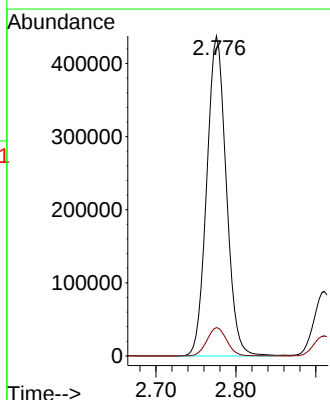
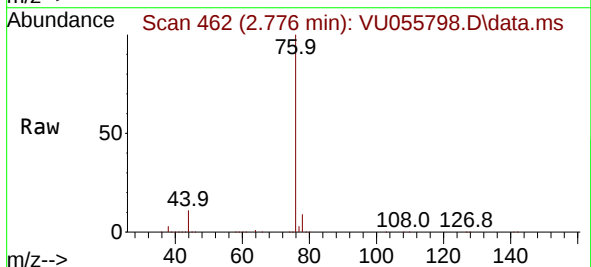
Manual Integrations
APPROVED

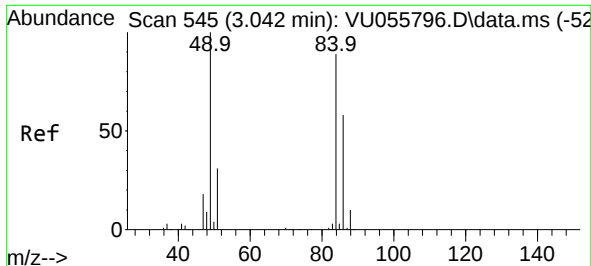
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#14
Carbon Disulfide
Concen: 7.873 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.016 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

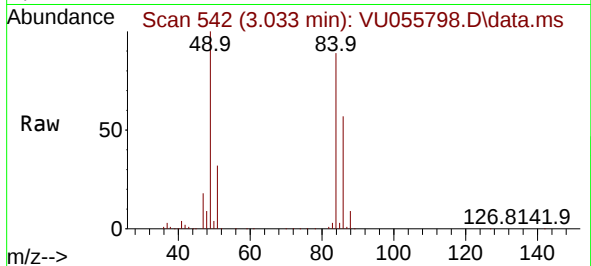
Tgt Ion: 76 Resp: 740470
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#15
Methylene Chloride
Concen: 8.894 ug/l
RT: 3.033 min Scan# 545
Delta R.T. -0.009 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

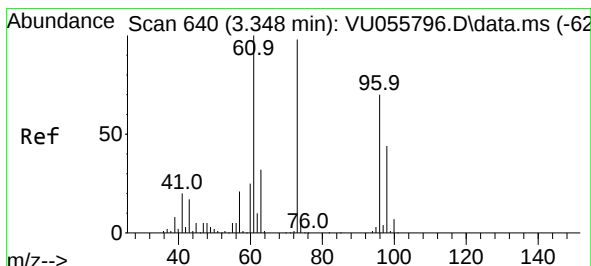
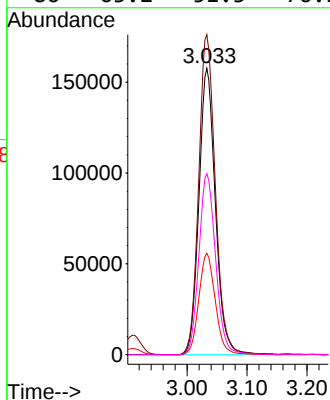
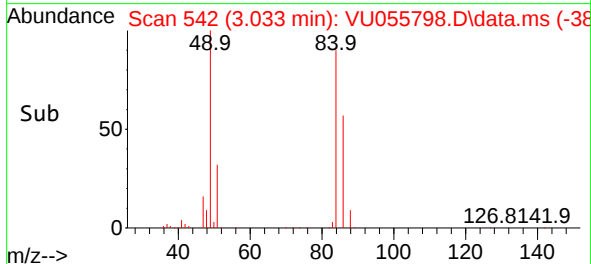
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion: 84 Resp: 302230
Ion Ratio Lower Upper
84 100
49 111.7 98.9 148.3
51 35.4 0.0 75.4
86 63.2 51.3 76.9

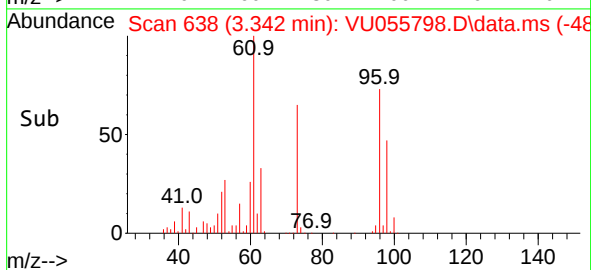
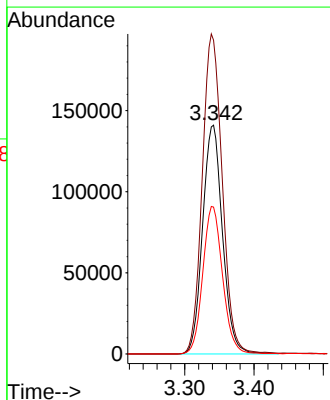
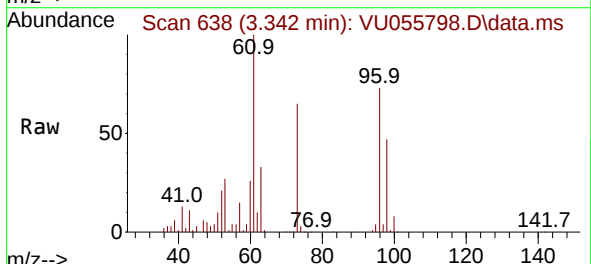
Manual Integrations
APPROVED

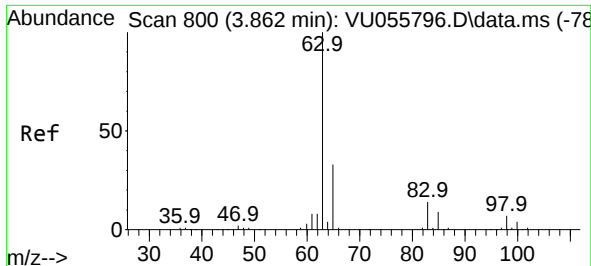
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#16
trans-1,2-Dichloroethene
Concen: 9.214 ug/l
RT: 3.342 min Scan# 638
Delta R.T. -0.006 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

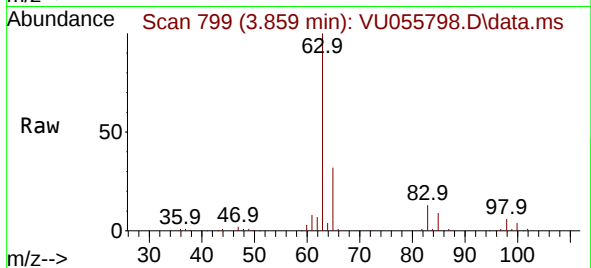
Tgt Ion: 96 Resp: 281341
Ion Ratio Lower Upper
96 100
61 137.1 117.5 176.3
98 64.2 48.3 72.5





#17
1,1-Dichloroethane
Concen: 9.361 ug/l
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

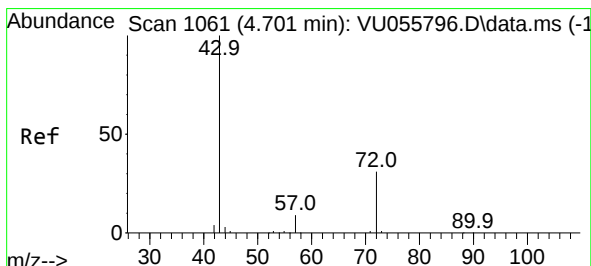
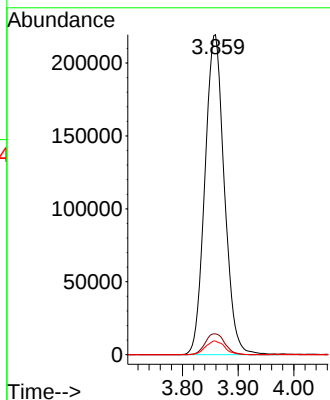
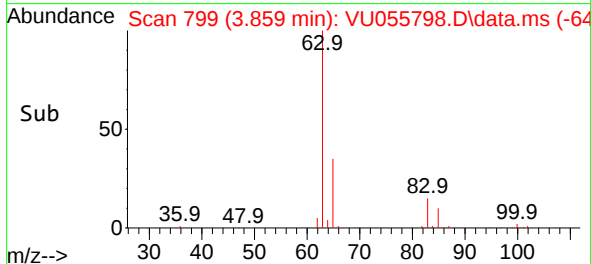
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



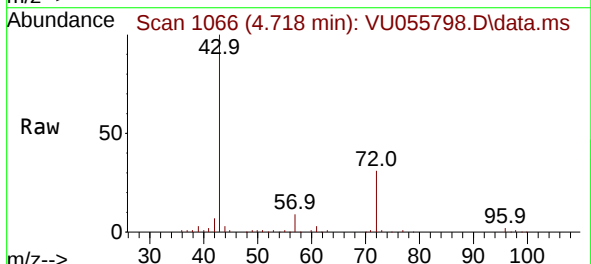
Tgt Ion: 63 Resp: 531569
Ion Ratio Lower Upper
63 100
98 6.5 3.4 10.1
100 4.3 2.2 6.6

Manual Integrations
APPROVED

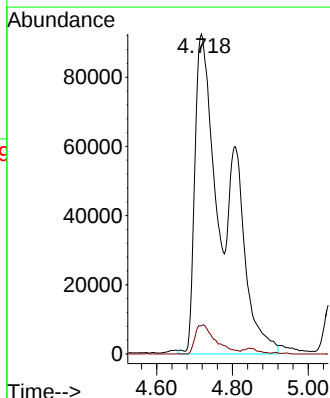
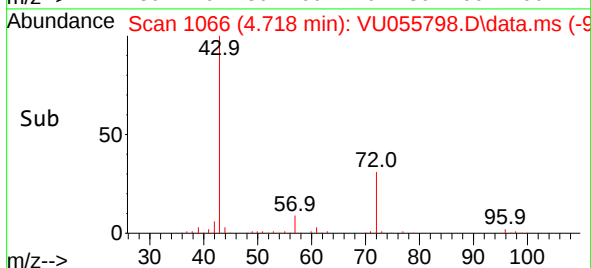
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

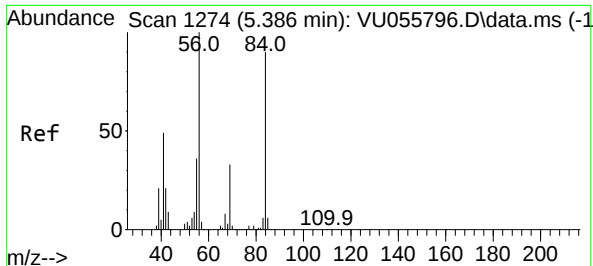


#18
2-Butanone
Concen: 41.447 ug/l m
RT: 4.718 min Scan# 1066
Delta R.T. 0.017 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



Tgt Ion: 43 Resp: 515746
Ion Ratio Lower Upper
43 100
57 8.8 0.0 19.6





#19

Cyclohexane

Concen: 9.035 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 56 Resp: 437669

Ion Ratio Lower Upper

56 100

69 32.3 24.6 37.0

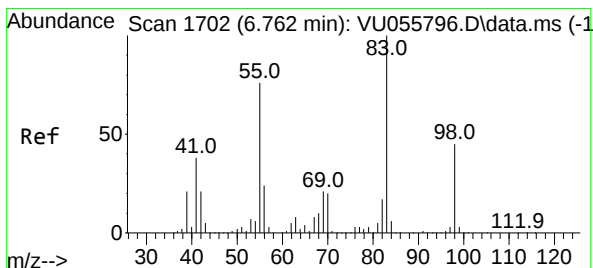
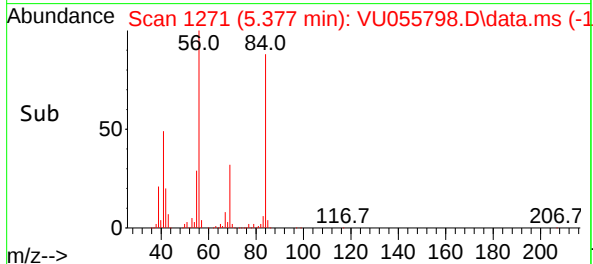
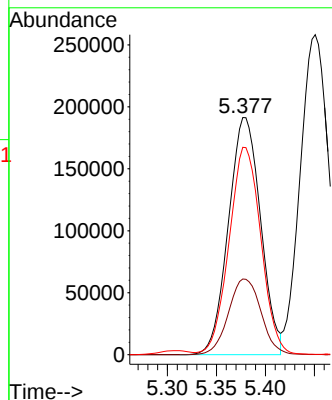
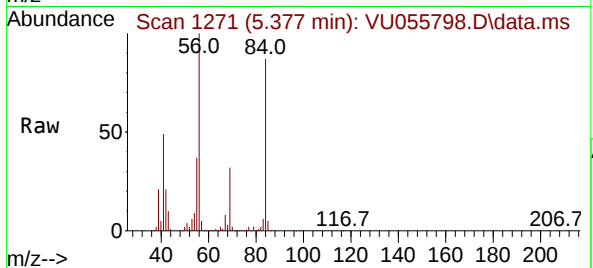
84 84.9 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#20

Methylcyclohexane

Concen: 9.735 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

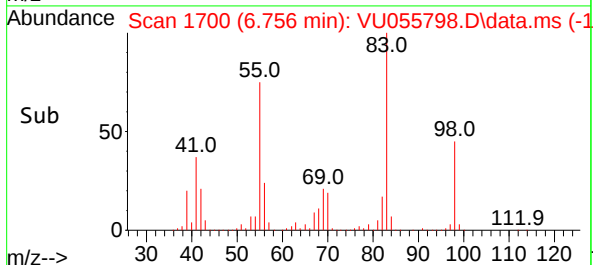
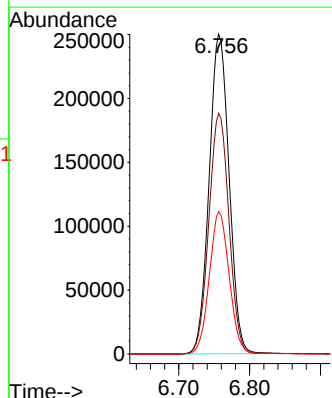
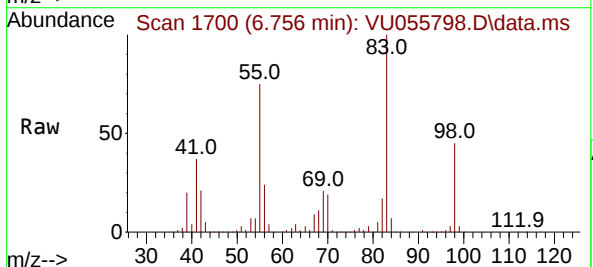
Tgt Ion: 83 Resp: 489961

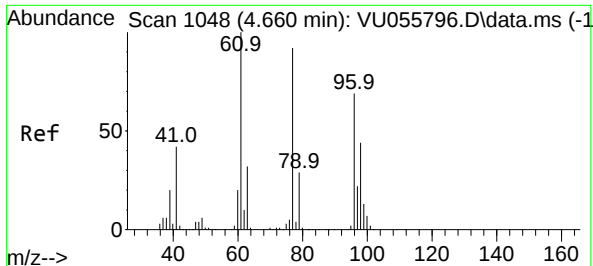
Ion Ratio Lower Upper

83 100

55 75.3 63.5 95.3

98 44.1 36.0 54.0





#21

2,2-Dichloropropane

Concen: 9.490 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. -0.007 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 77 Resp: 453820

Ion Ratio Lower Upper

77 100

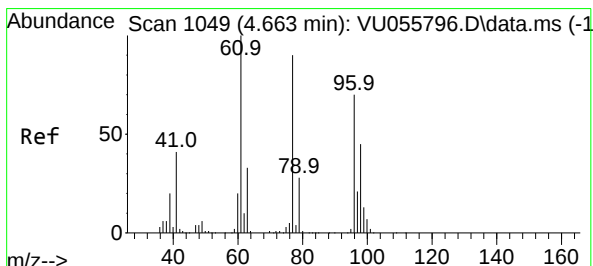
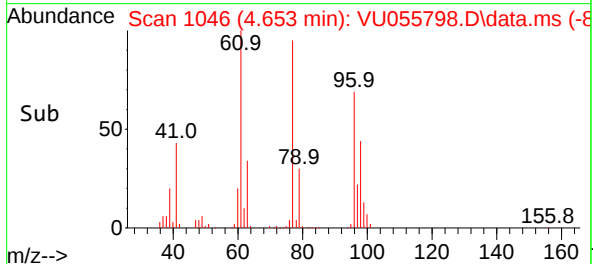
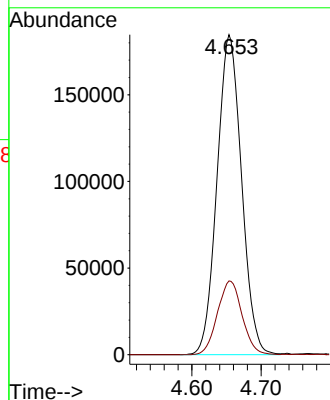
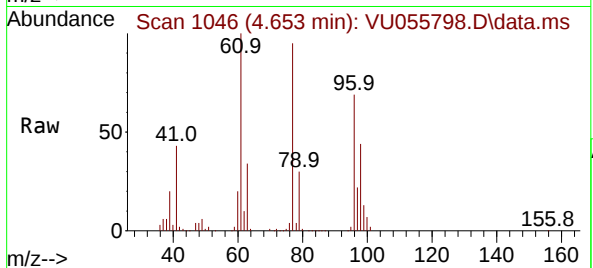
97 23.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#22

cis-1,2-Dichloroethene

Concen: 9.904 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. -0.006 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

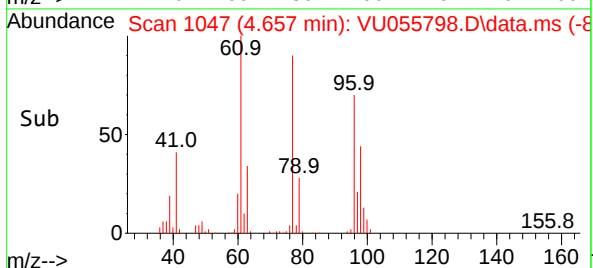
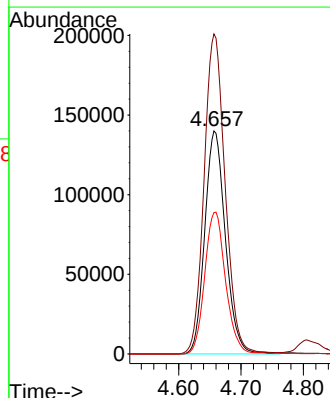
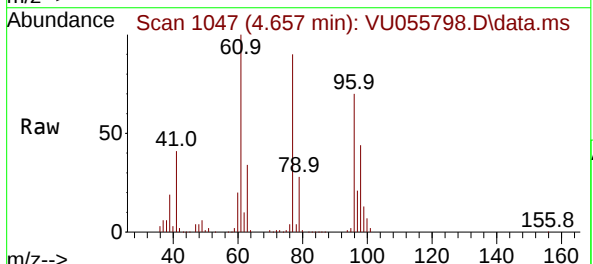
Tgt Ion: 96 Resp: 322346

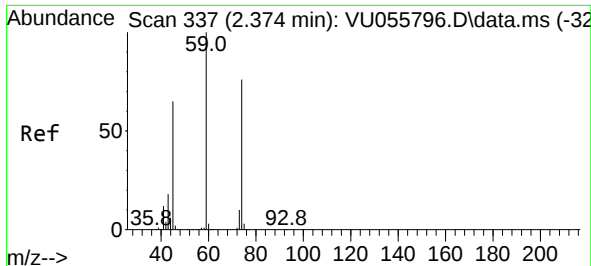
Ion Ratio Lower Upper

96 100

61 146.6 0.0 365.8

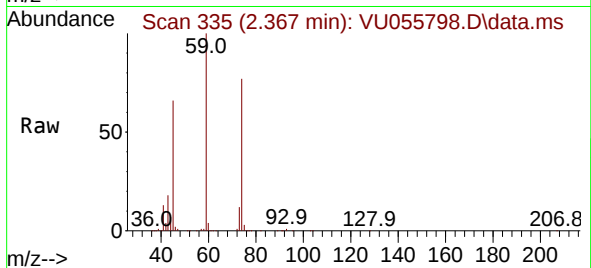
98 64.0 32.0 96.0





#23
Diethyl Ether
Concen: 8.329 ug/l
RT: 2.367 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

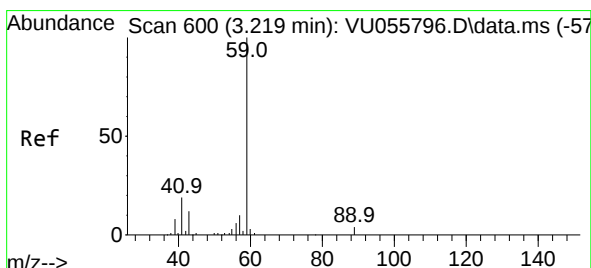
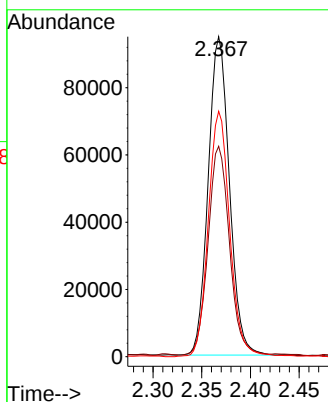
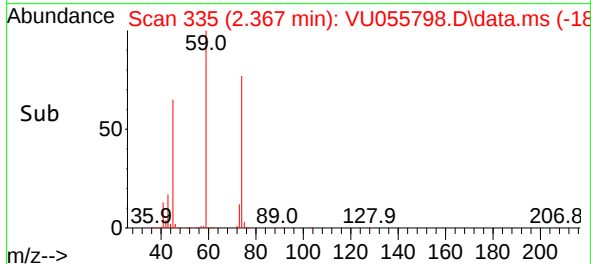
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion: 59 Resp: 14345
Ion Ratio Lower Upper
59 100
45 65.9 56.1 84.1
74 78.2 57.4 86.2

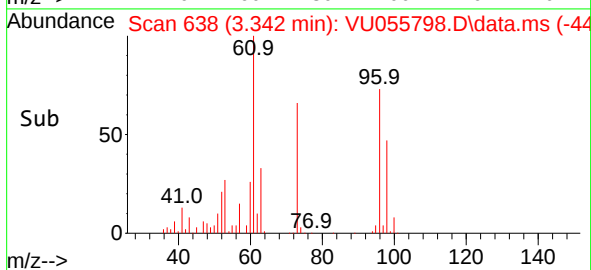
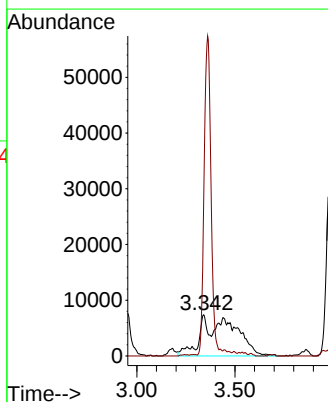
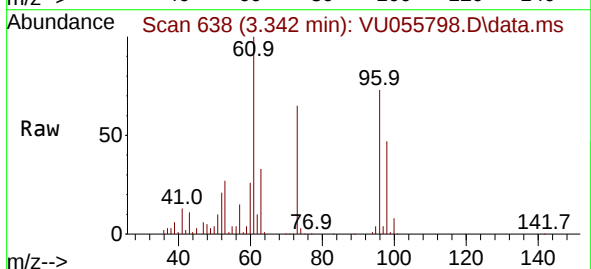
Manual Integrations
APPROVED

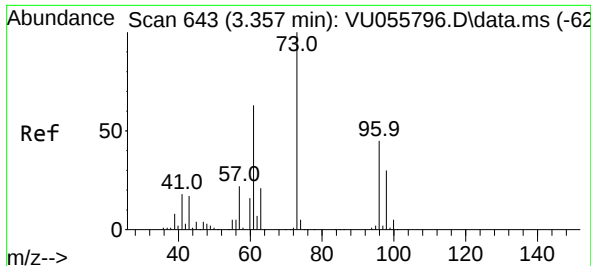
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#24
tert-Butyl Alcohol
Concen: 50.623 ug/l m
RT: 3.342 min Scan# 638
Delta R.T. 0.123 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion: 59 Resp: 89426
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





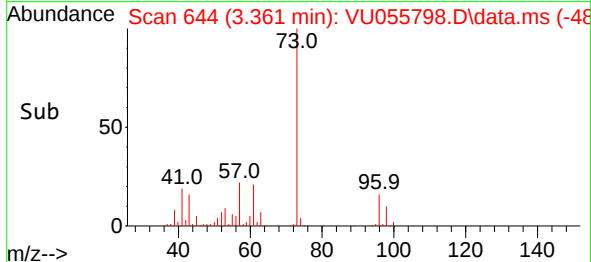
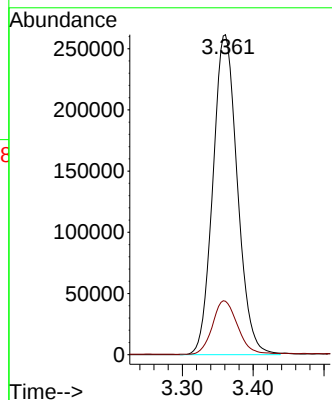
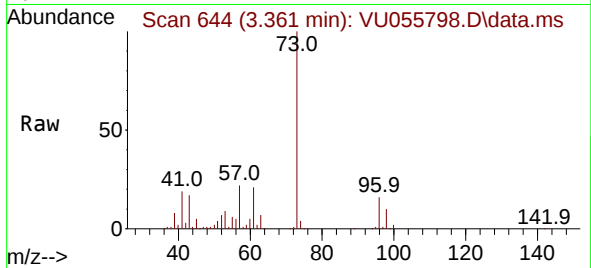
#25
Methyl tert-Butyl Ether
Concen: 10.109 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Tgt Ion: 73 Resp: 626772
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.6

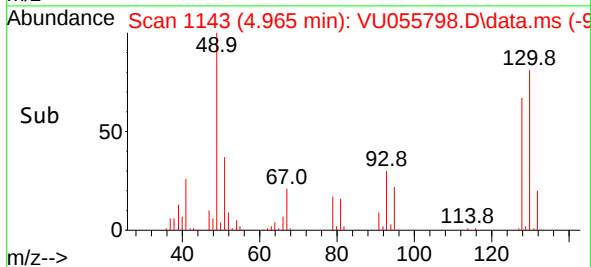
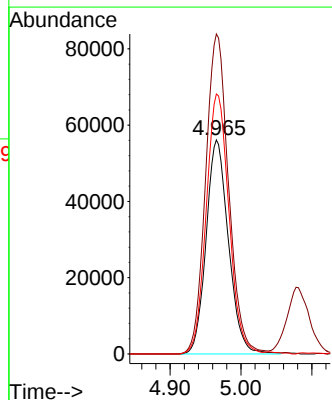
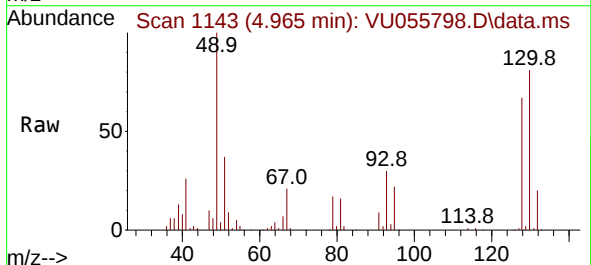
Manual Integrations
APPROVED

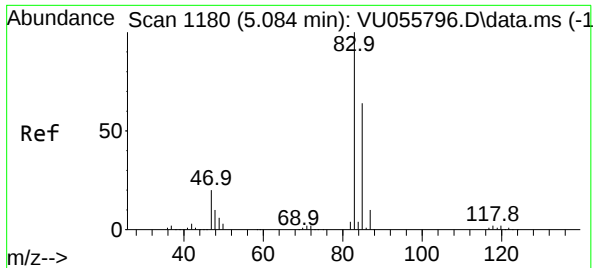
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#26
Bromochloromethane
Concen: 8.899 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion:128 Resp: 122755
Ion Ratio Lower Upper
128 100
49 153.8 0.0 324.6
130 123.8 103.0 154.4





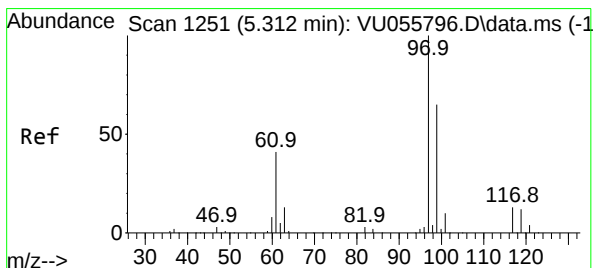
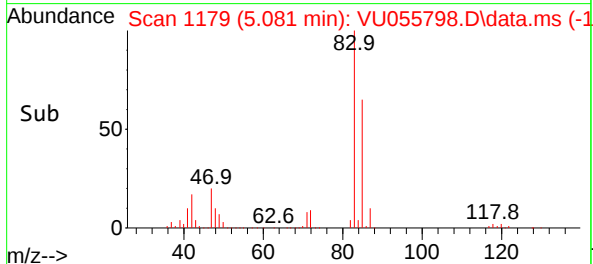
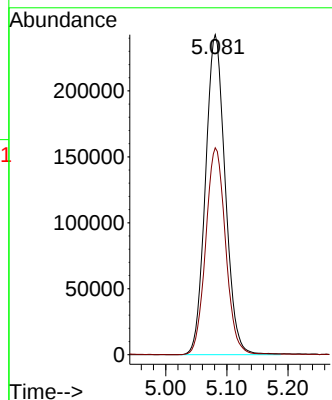
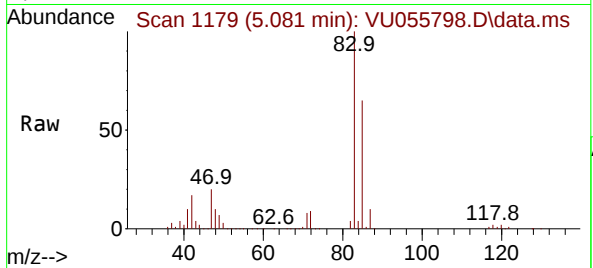
#27
Chloroform
Concen: 9.336 ug/l
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Tgt Ion: 83 Resp: 544052
Ion Ratio Lower Upper
83 100
85 64.6 0.0 126.4

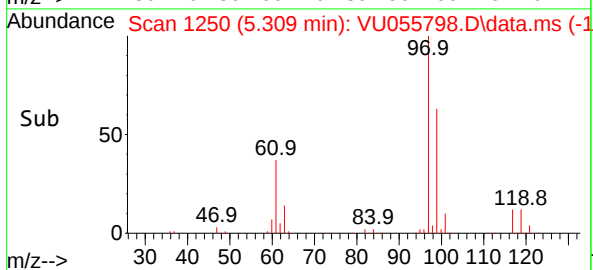
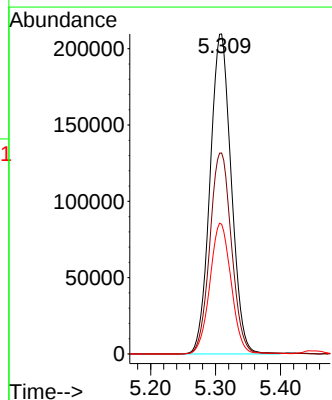
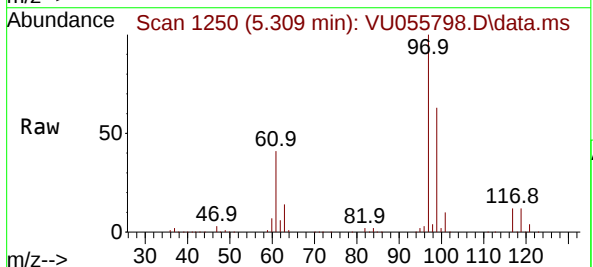
Manual Integrations
APPROVED

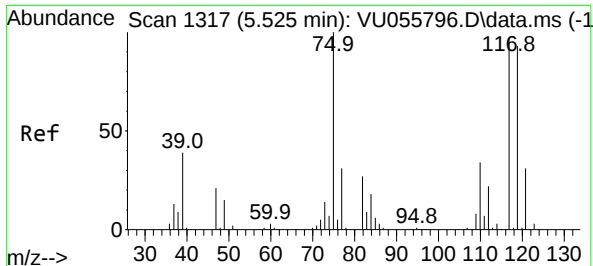
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#28
1,1,1-Trichloroethane
Concen: 9.110 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion: 97 Resp: 475795
Ion Ratio Lower Upper
97 100
99 64.3 32.0 96.2
61 40.8 22.9 68.5





#29

1,1-Dichloropropene

Concen: 9.604 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.007 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 75 Resp: 39731

Ion Ratio Lower Upper

75 100

110 35.6 18.0 54.0

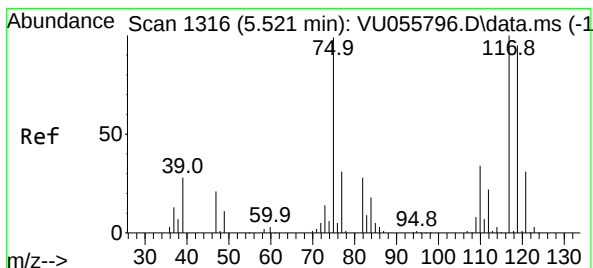
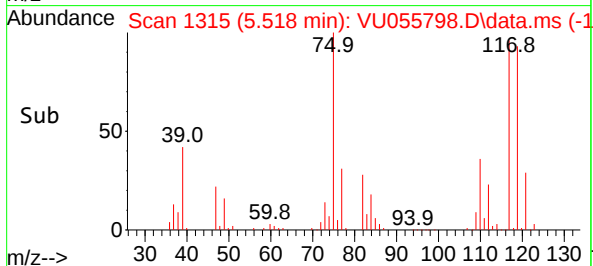
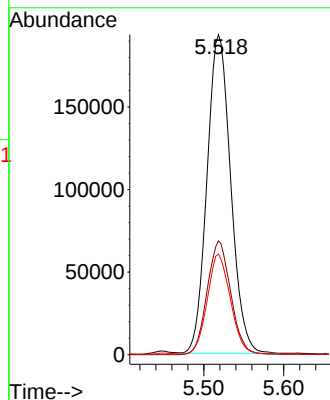
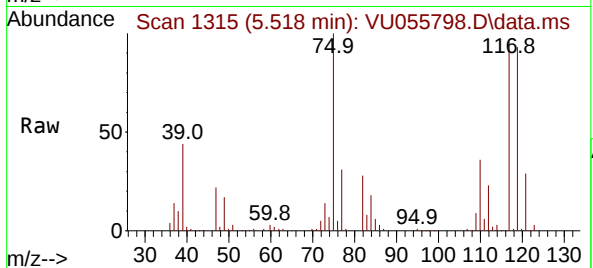
77 30.6 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#30

Carbon Tetrachloride

Concen: 9.022 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

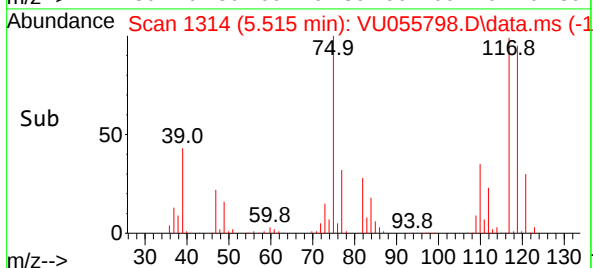
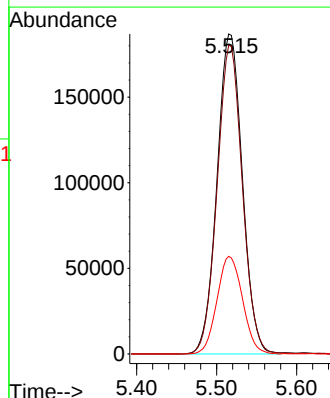
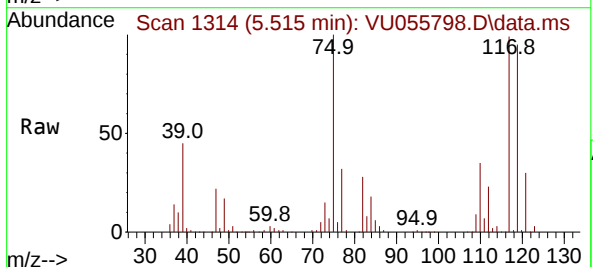
Tgt Ion:117 Resp: 411352

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

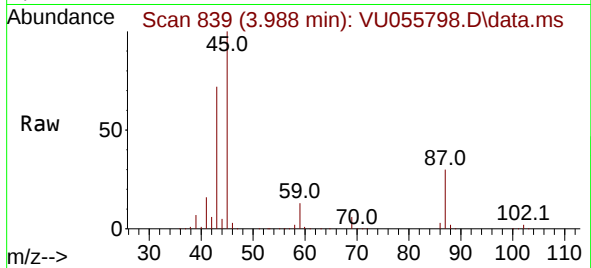
121 30.5 24.0 36.0





#31
Isopropyl Ether
Concen: 10.563 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

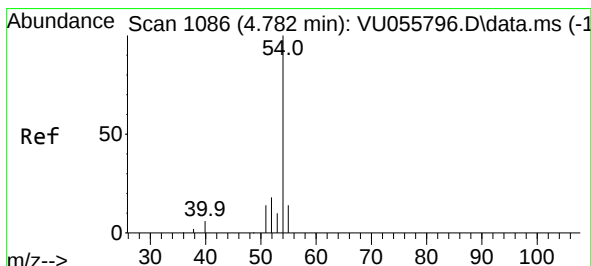
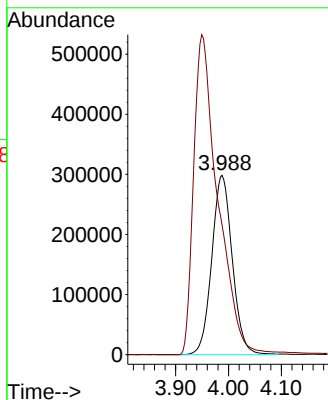
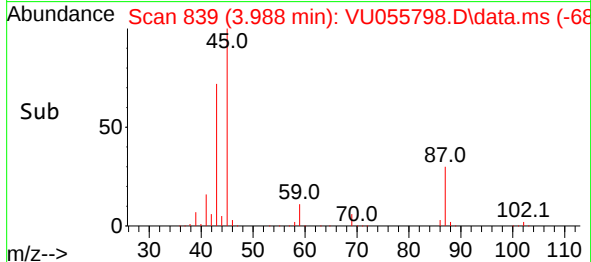
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



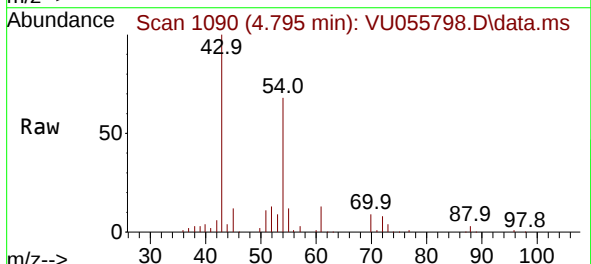
Tgt Ion: 45 Resp: 805830
Ion Ratio Lower Upper
45 100
43 210.2 27.5 82.5

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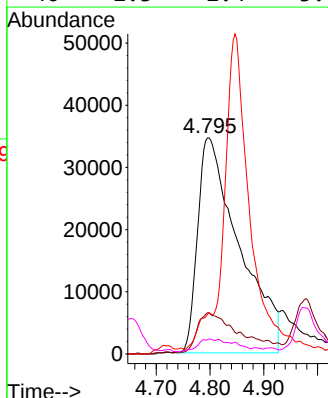
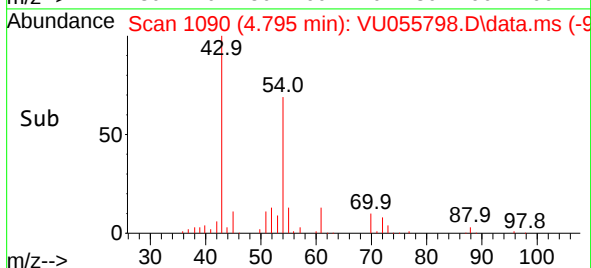
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

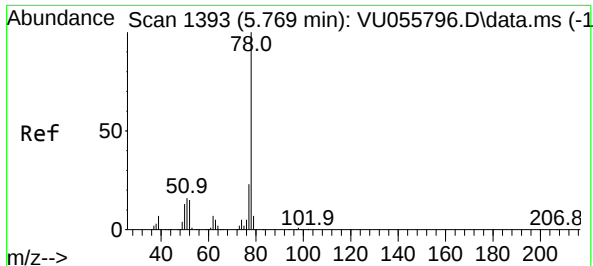


#34
Propionitrile
Concen: 94.044 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. 0.013 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



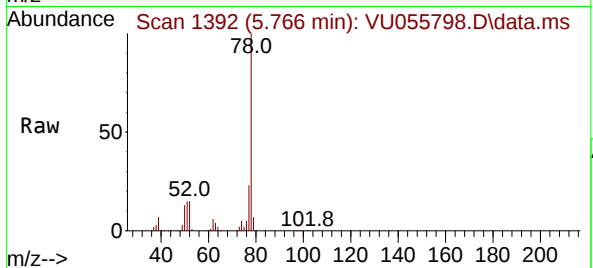
Tgt Ion: 54 Resp: 185132
Ion Ratio Lower Upper
54 100
52 13.3 17.4 26.0#
55 6.0 104.1 156.1#
40 2.3 2.4 3.6#





#35
Benzene
Concen: 9.532 ug/l
RT: 5.766 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

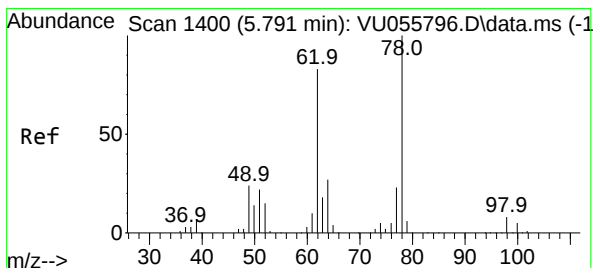
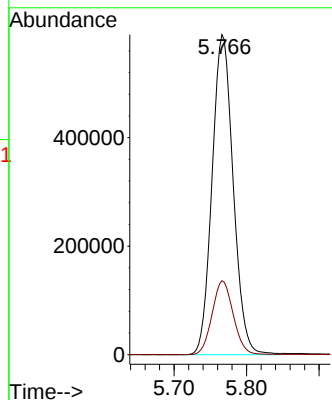
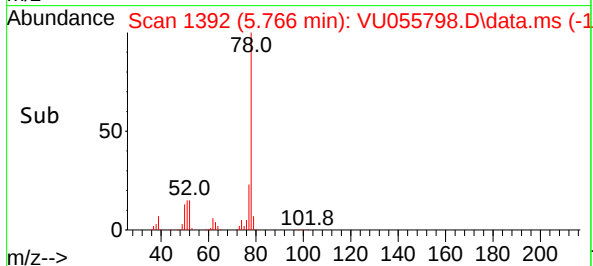
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



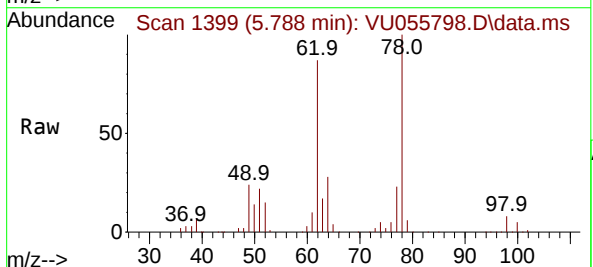
Tgt Ion: 78 Resp: 1194529
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

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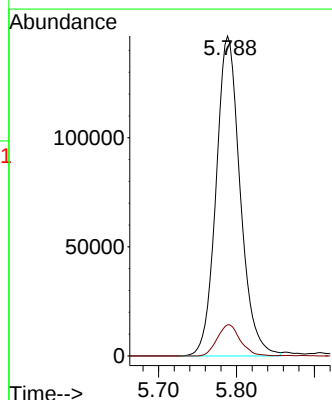
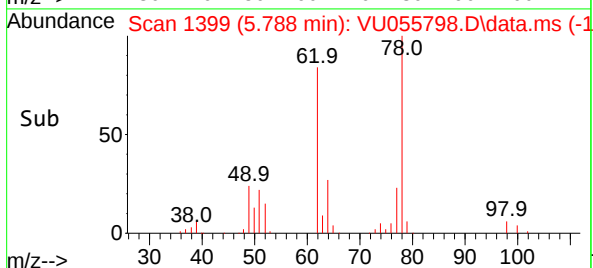
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

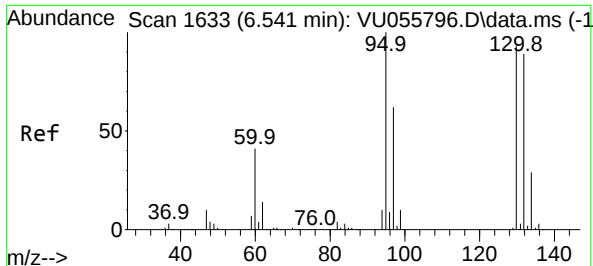


#36
1,2-Dichloroethane
Concen: 9.270 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



Tgt Ion: 62 Resp: 315475
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#37

Trichloroethene

Concen: 9.137 ug/l

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion:130 Resp: 29789

Ion Ratio Lower Upper

130 100

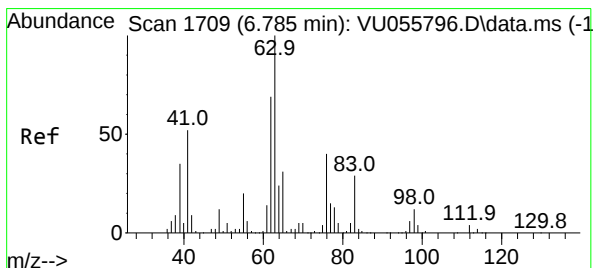
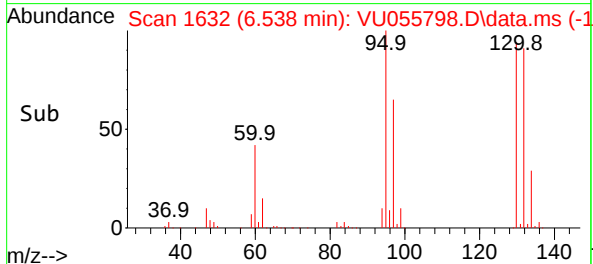
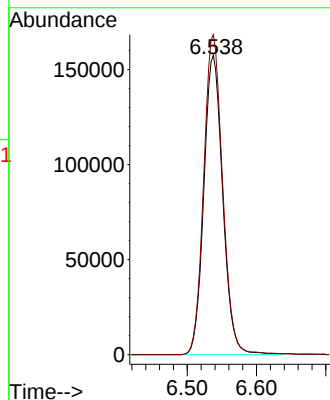
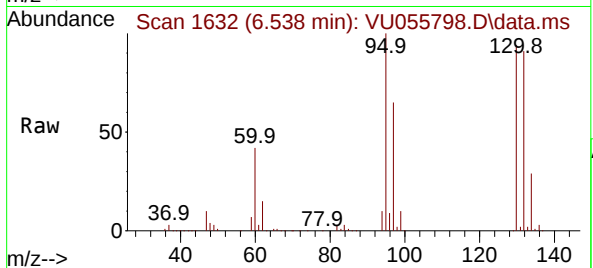
95 107.0 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#38

1,2-Dichloropropane

Concen: 9.502 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU055798.D

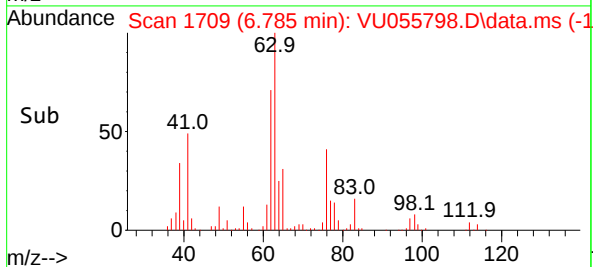
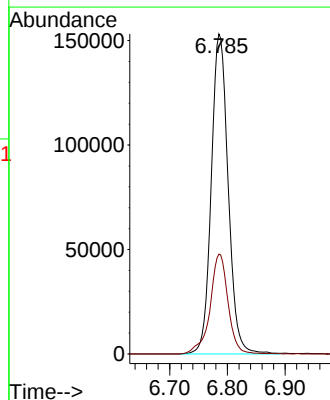
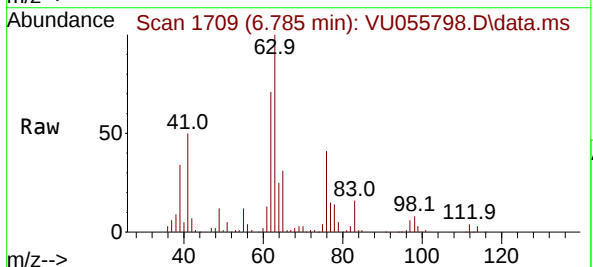
Acq: 18 Oct 2023 13:34

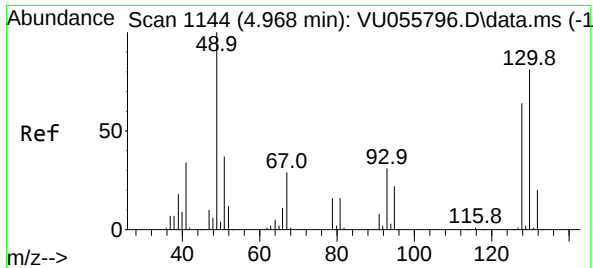
Tgt Ion: 63 Resp: 310965

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3





#39

Methacrylonitrile

Concen: 9.789 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 41 Resp: 71854

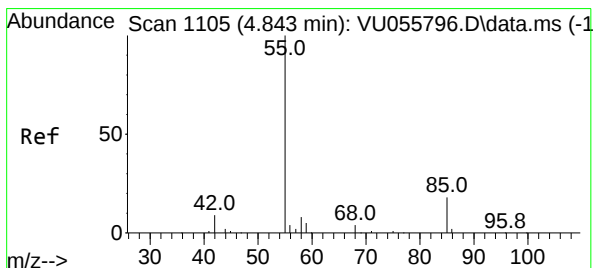
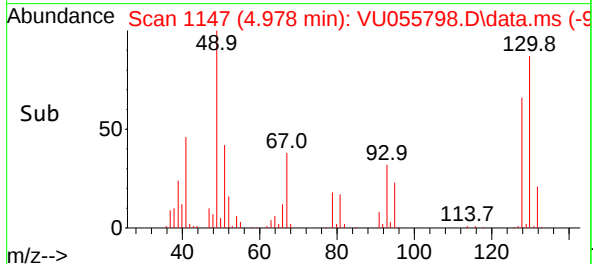
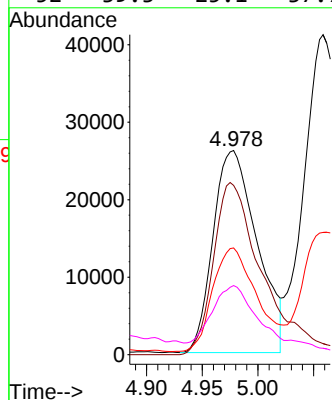
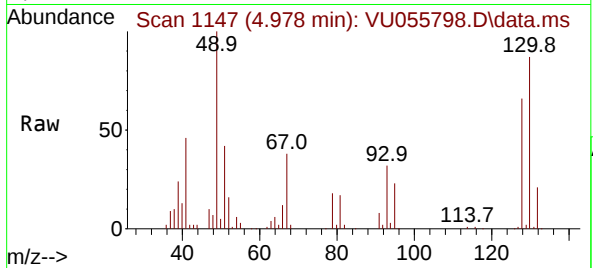
Ion	Ratio	Lower	Upper
41	100		
67	96.3	66.8	100.2
39	51.5	41.2	61.8
52	39.3	25.1	37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#40

Methyl acrylate

Concen: 9.559 ug/l

RT: 4.846 min Scan# 1106

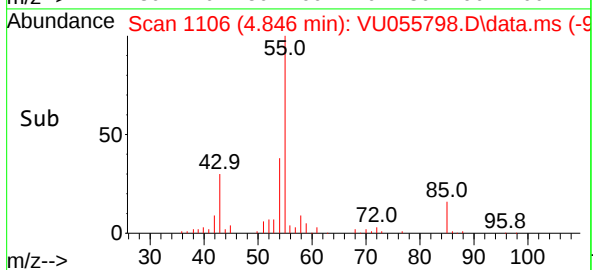
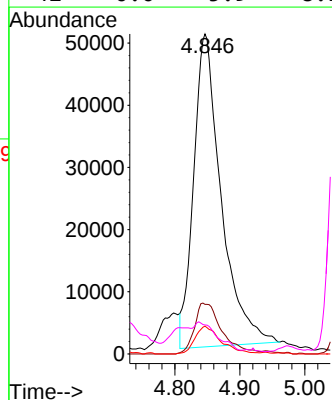
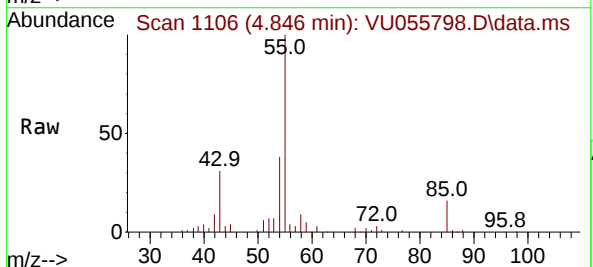
Delta R.T. 0.003 min

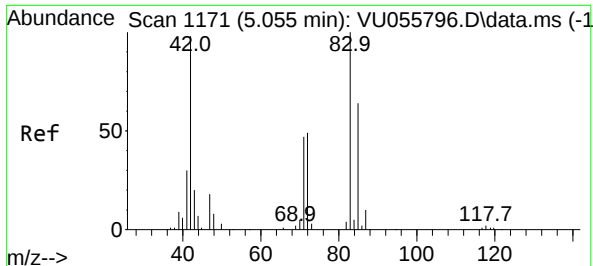
Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Tgt Ion: 55 Resp: 148235

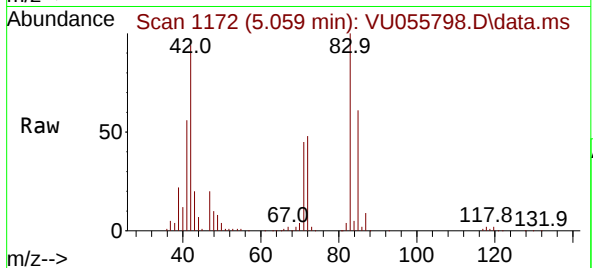
Ion	Ratio	Lower	Upper
55	100		
85	16.2	13.3	19.9
58	8.4	6.5	9.7
42	0.0	5.9	8.9#





#41
Tetrahydrofuran
Concen: 48.704 ug/l
RT: 5.059 min Scan# 1171
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

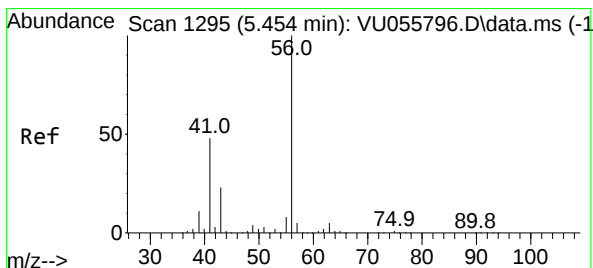
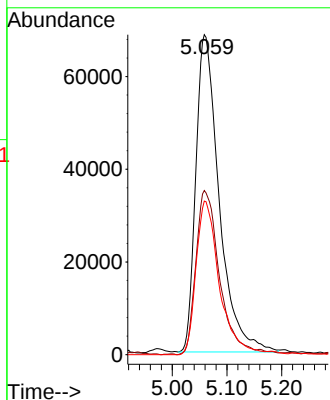
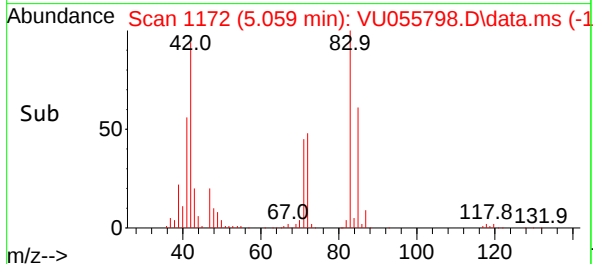
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



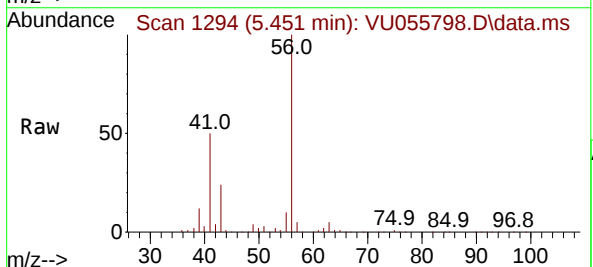
Tgt Ion: 42 Resp: 20258
Ion Ratio Lower Upper
42 100
72 51.9 40.9 61.3
71 48.3 36.9 55.3

Manual Integrations
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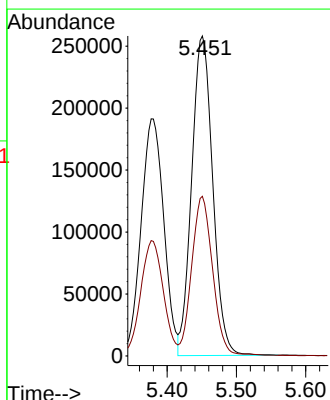
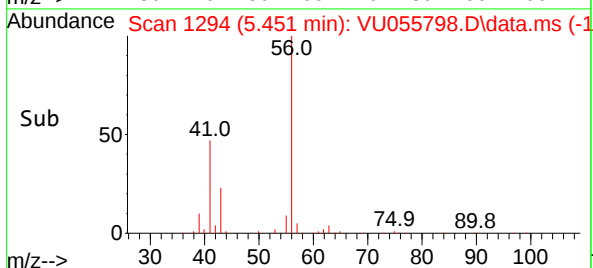
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

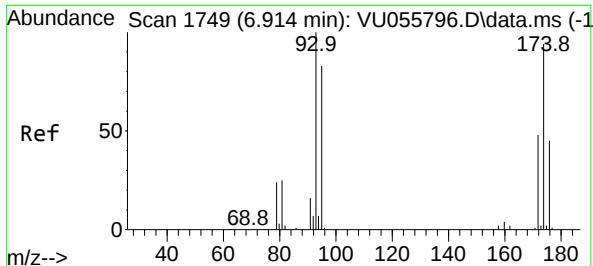


#42
1-Chlorobutane
Concen: 9.883 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. -0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



Tgt Ion: 56 Resp: 545065
Ion Ratio Lower Upper
56 100
41 49.7 25.2 75.6





#43

Dibromomethane

Concen: 10.014 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 93 Resp: 15575

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

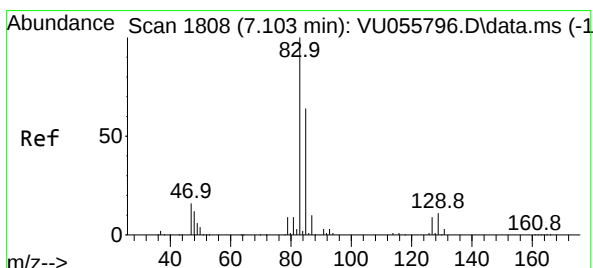
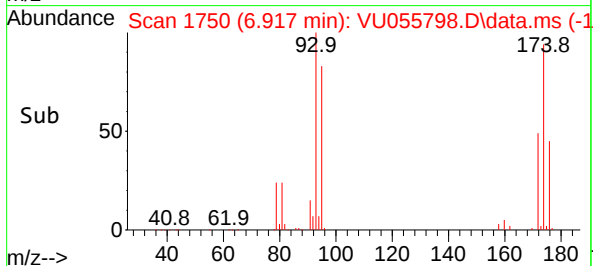
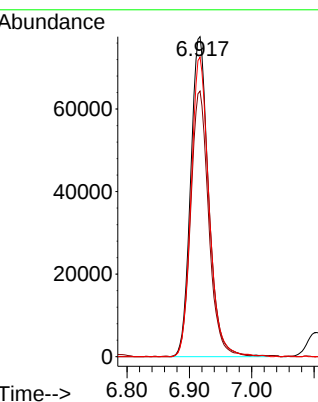
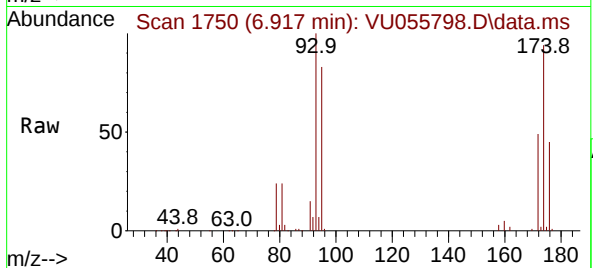
174 93.4 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#44

Bromodichloromethane

Concen: 9.922 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

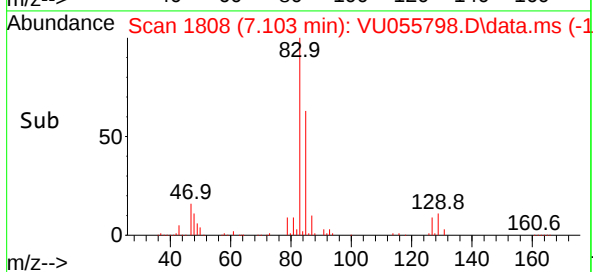
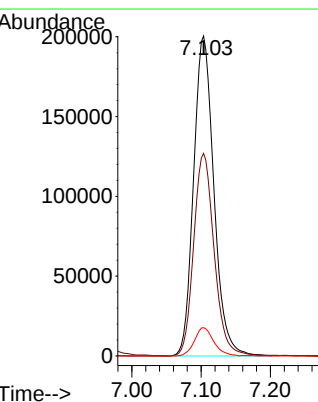
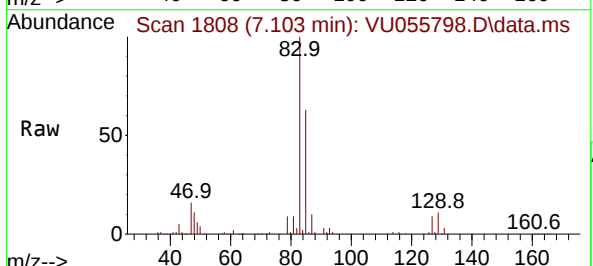
Tgt Ion: 83 Resp: 407838

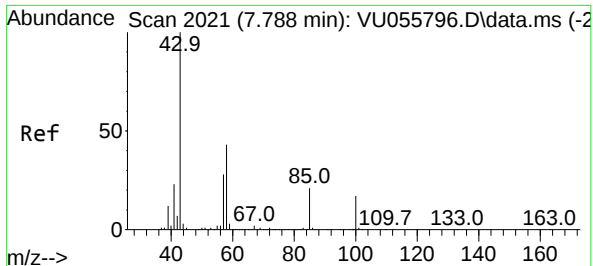
Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 9.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 48.736 ug/l

RT: 7.820 min Scan# 2021

Delta R.T. 0.032 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

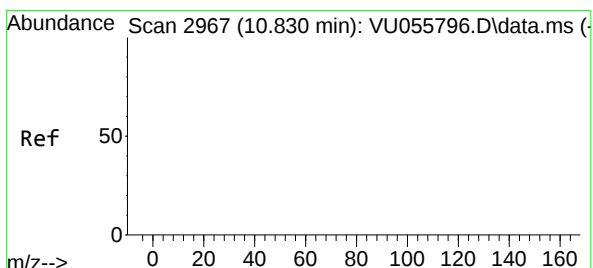
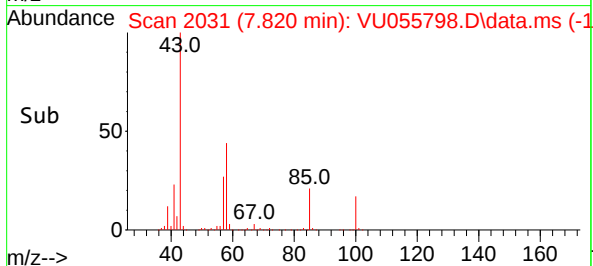
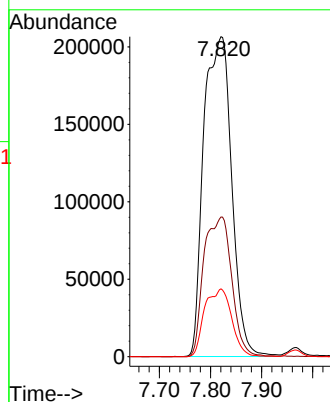
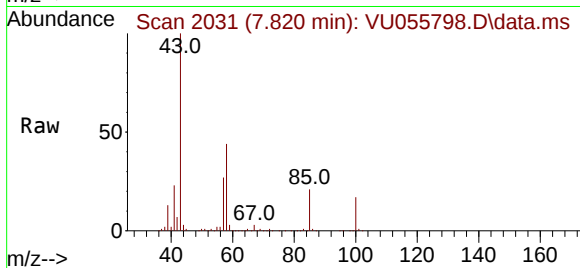
Tgt Ion: 43 Resp: 783954
 Ion Ratio Lower Upper
 43 100
 58 43.5 20.9 62.8
 85 20.6 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#46

t-1,4-Dichloro-2-butene

Concen: 19.596 ug/l m

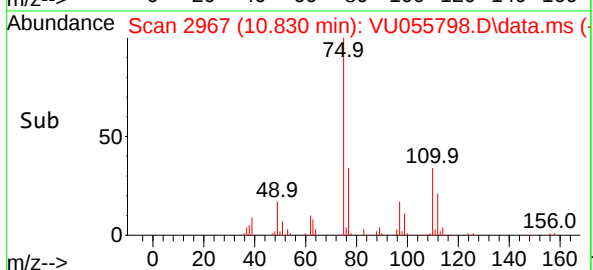
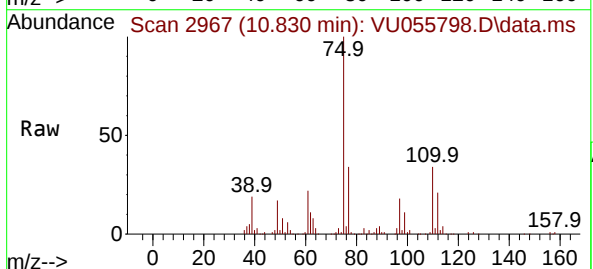
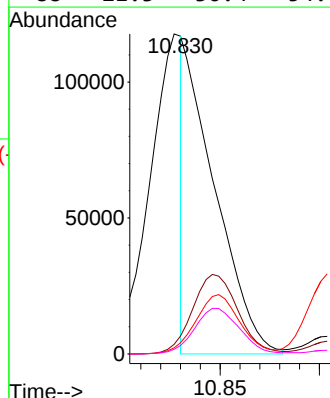
RT: 10.830 min Scan# 2967

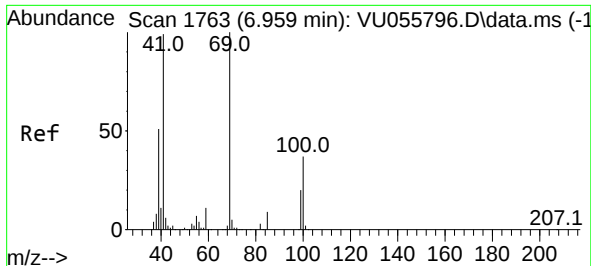
Delta R.T. 0.000 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Tgt Ion: 75 Resp: 125397
 Ion Ratio Lower Upper
 75 100
 53 37.2 73.3 109.9#
 89 27.2 48.2 72.4#
 88 21.3 36.4 54.6#





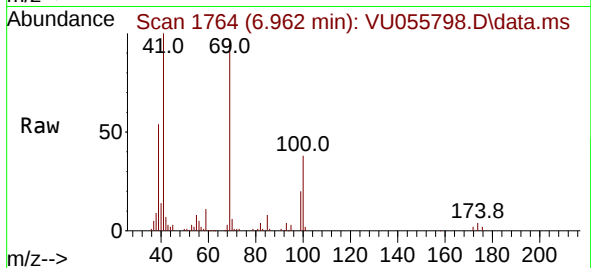
#47
Methyl methacrylate
Concen: 10.621 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823



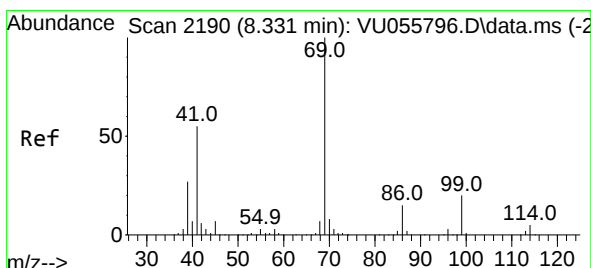
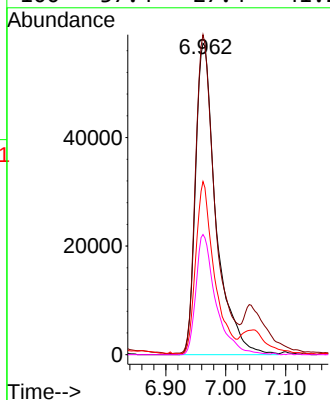
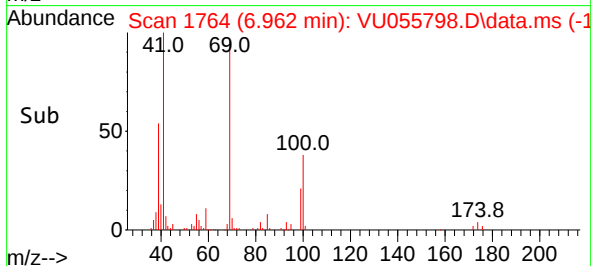
Tgt Ion: 69 Resp: 136275
Ion Ratio Lower Upper
69 100
41 97.4 0.0 209.2
39 49.7 46.7 70.1
100 37.4 27.4 41.2

Manual Integrations

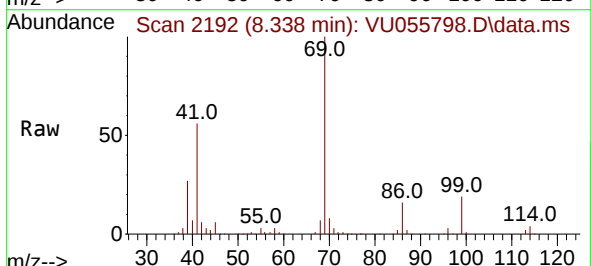
APPROVED

Reviewed By :John Carlone 10/19/2023

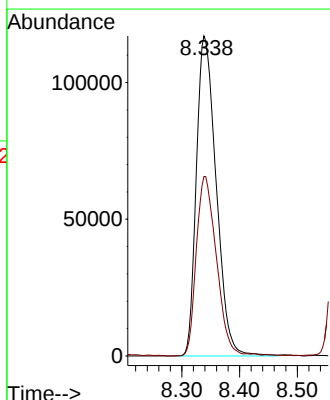
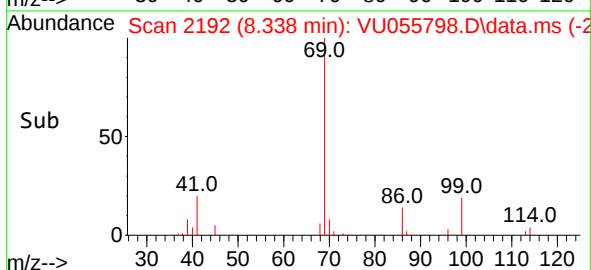
Supervised By :Semsettin Yesilyurt 10/24/2023

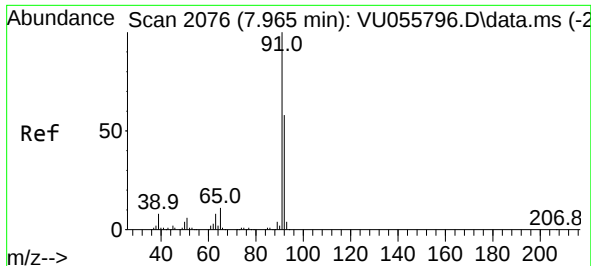


#48
Ethyl methacrylate
Concen: 9.388 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.007 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



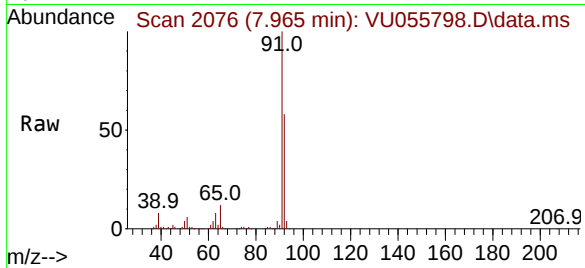
Tgt Ion: 69 Resp: 278665
Ion Ratio Lower Upper
69 100
41 56.9 30.3 90.8





#49
Toluene
Concen: 10.392 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

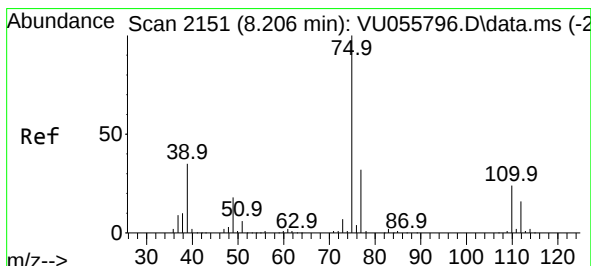
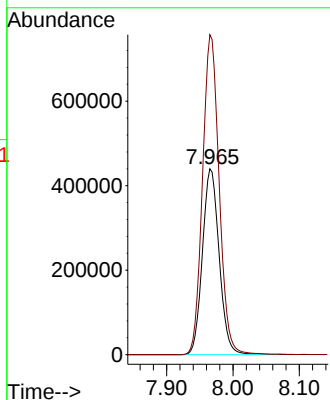
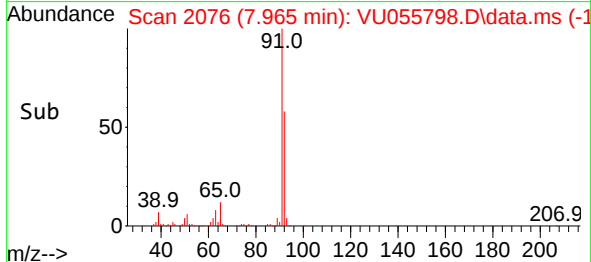
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion: 92 Resp: 770711
Ion Ratio Lower Upper
92 100
91 171.5 143.0 214.6

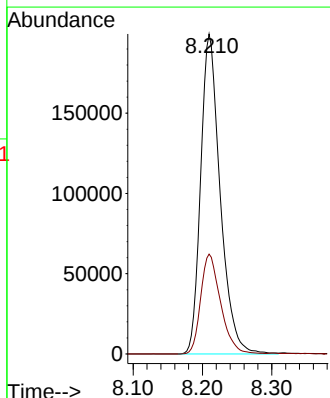
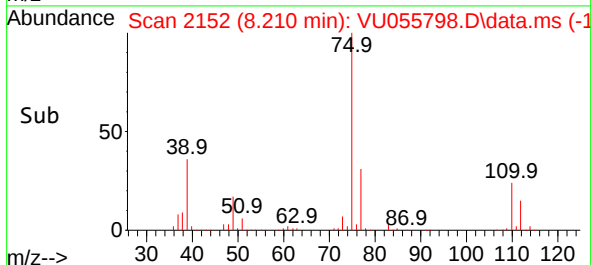
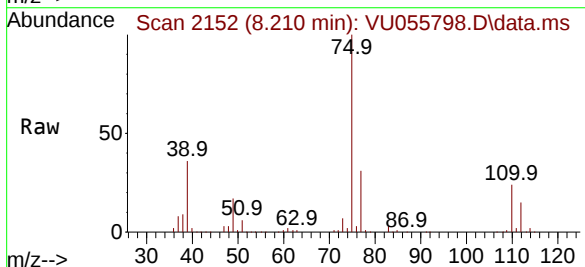
Manual Integrations
APPROVED

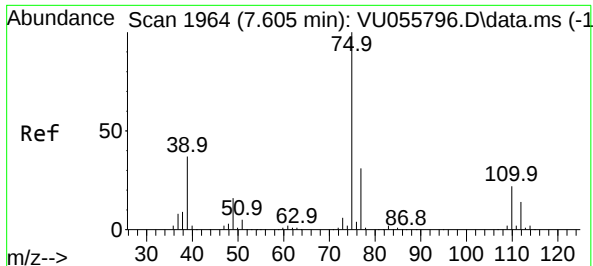
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#50
t-1,3-Dichloropropene
Concen: 10.714 ug/l
RT: 8.210 min Scan# 2152
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

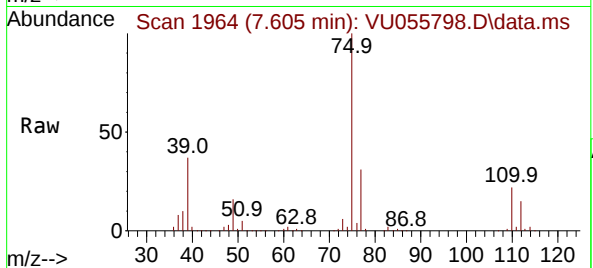
Tgt Ion: 75 Resp: 389709
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.477 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055798.D
 Acq: 18 Oct 2023 13:34

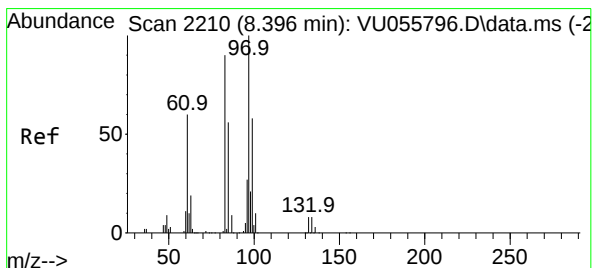
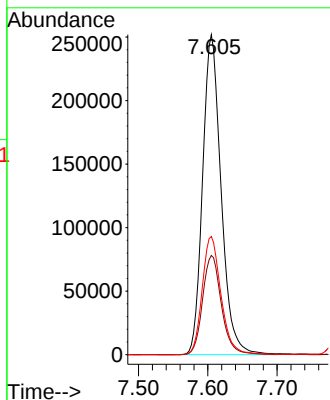
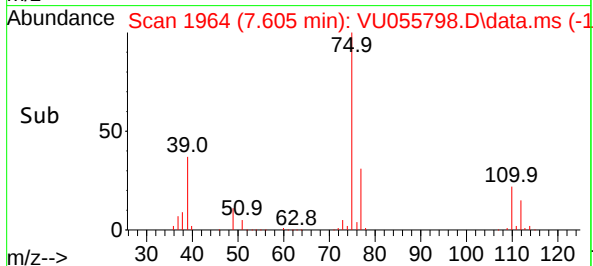
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101823



Tgt Ion: 75 Resp: 466392
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5
 39 36.9 32.8 49.2

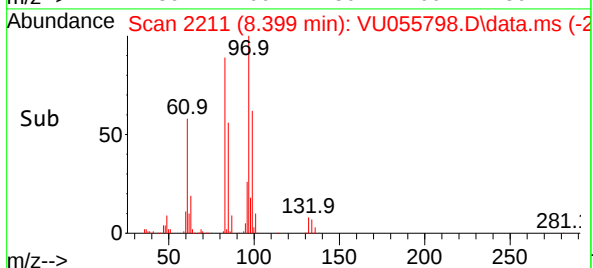
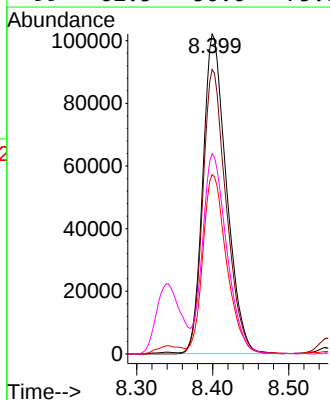
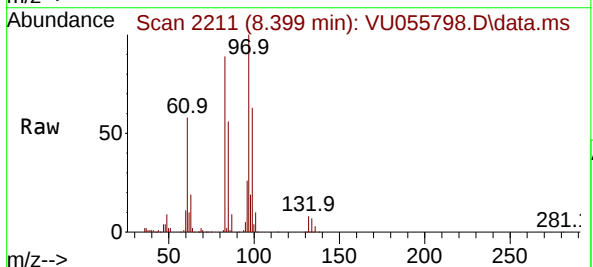
Manual Integrations
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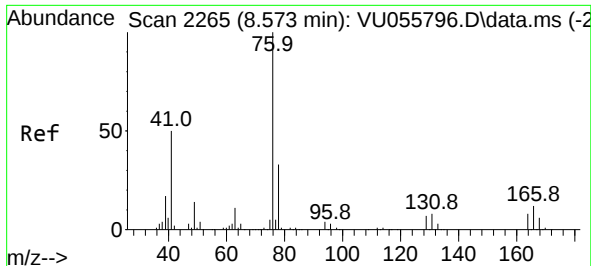
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.898 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU055798.D
 Acq: 18 Oct 2023 13:34

Tgt Ion: 97 Resp: 219888
 Ion Ratio Lower Upper
 97 100
 83 88.9 71.8 107.8
 85 55.9 45.2 67.8
 99 62.5 50.6 75.8





#53

1,3-Dichloropropane

Concen: 9.960 ug/l

RT: 8.576 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 76 Resp: 37818

Ion Ratio Lower Upper

76 100

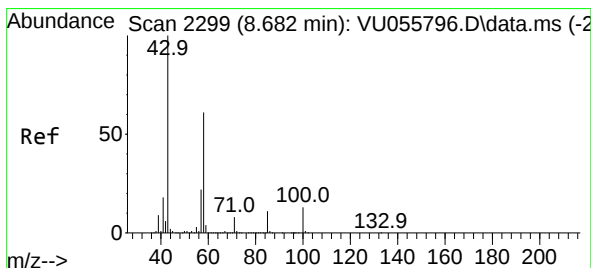
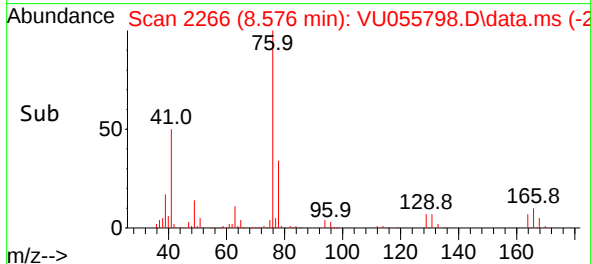
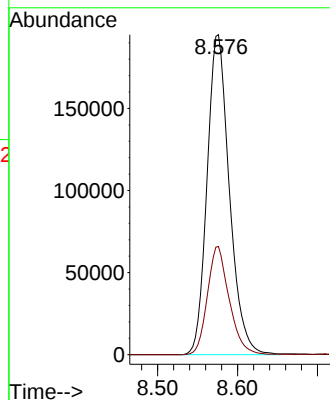
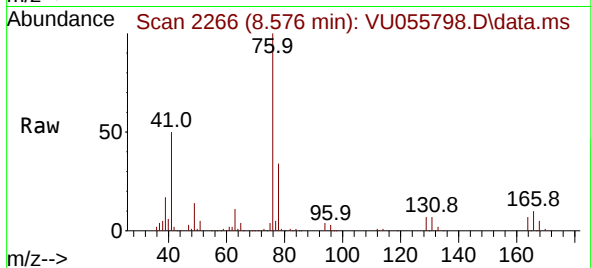
78 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#54

2-Hexanone

Concen: 32.385 ug/l

RT: 8.708 min Scan# 2307

Delta R.T. 0.026 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

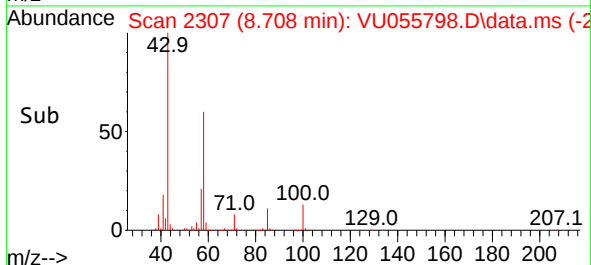
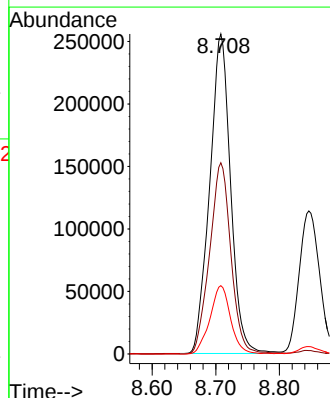
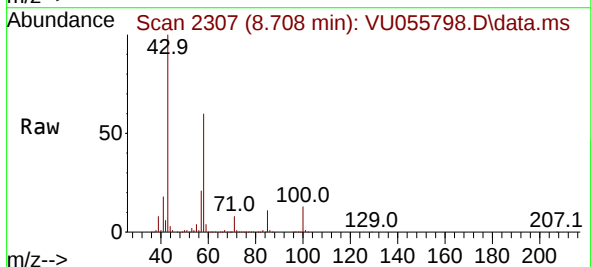
Tgt Ion: 43 Resp: 583606

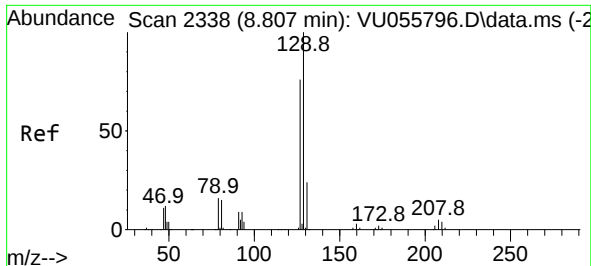
Ion Ratio Lower Upper

43 100

58 61.0 38.2 78.2

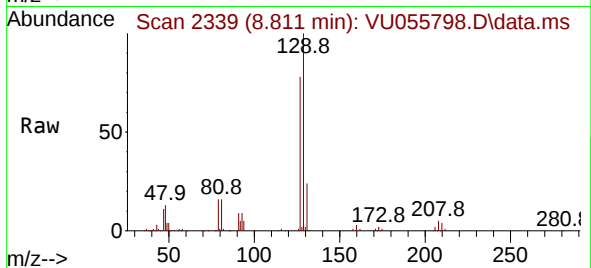
57 21.1 0.0 39.1





#55
Dibromochloromethane
Concen: 9.774 ug/l
RT: 8.811 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

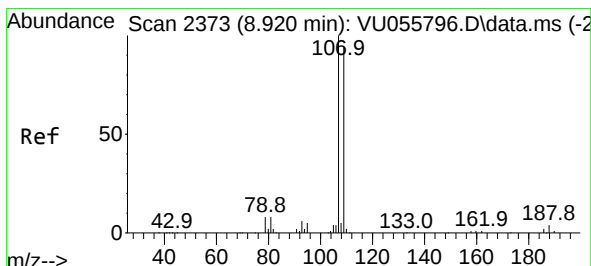
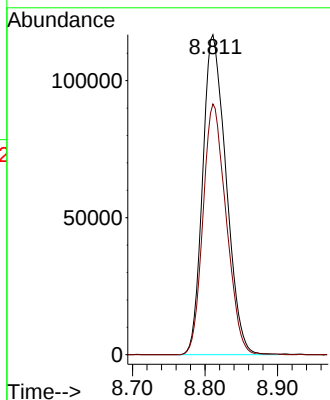
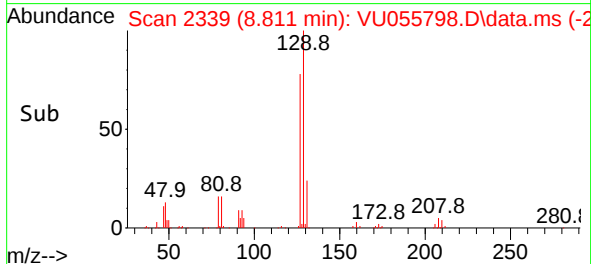
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion:129 Resp: 262092
Ion Ratio Lower Upper
129 100
127 77.4 61.4 92.0

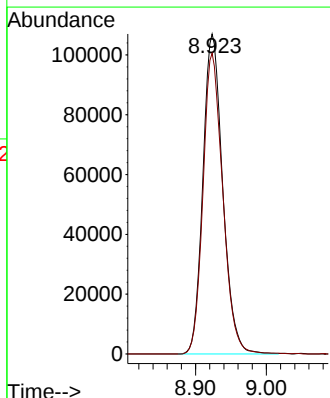
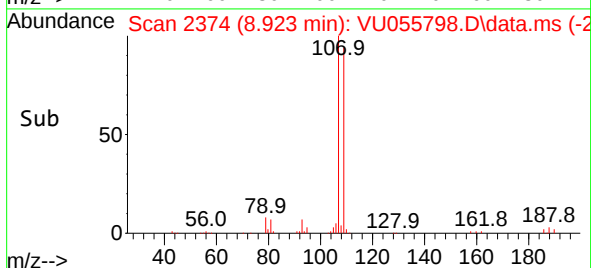
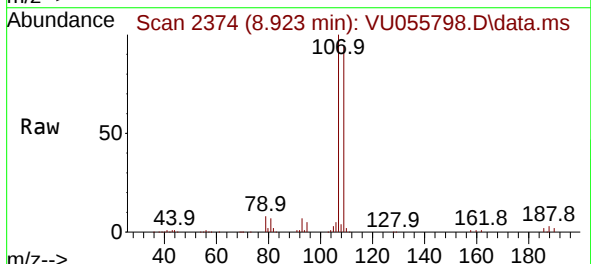
Manual Integrations
APPROVED

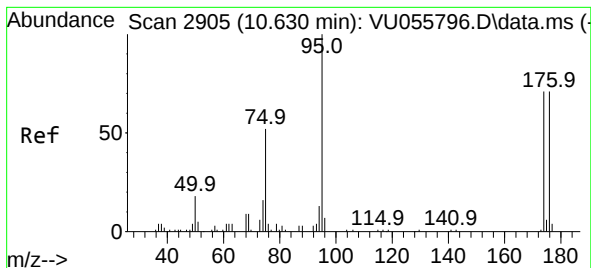
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#56
1,2-Dibromoethane
Concen: 10.225 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

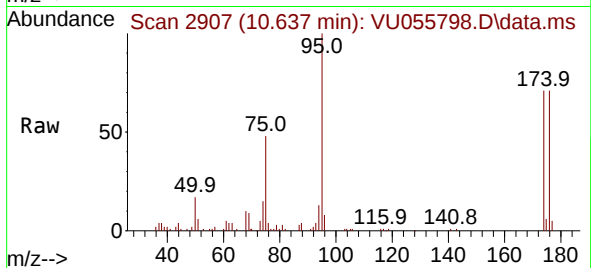
Tgt Ion:107 Resp: 207556
Ion Ratio Lower Upper
107 100
109 93.8 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.055 ug/l
RT: 10.637 min Scan# 2905
Delta R.T. 0.007 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

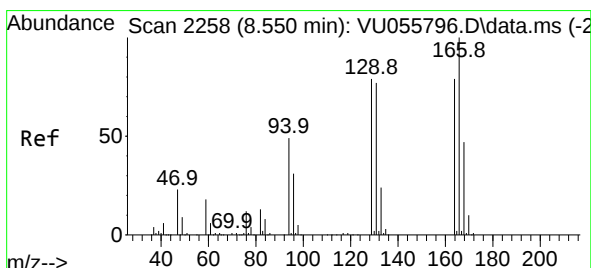
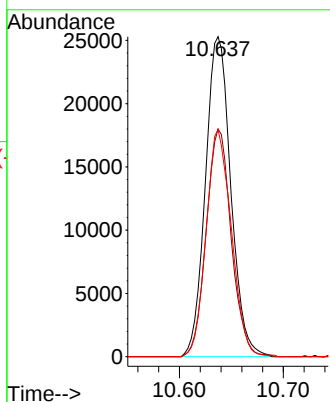
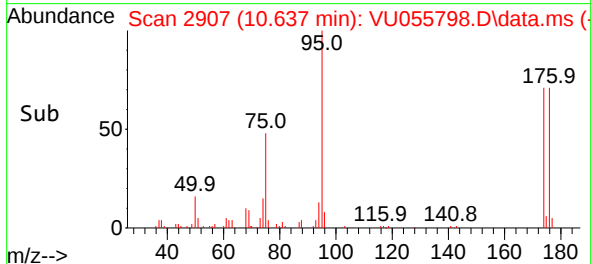
Instrument : MSVOA_U
ClientSampleId : ICVVU101823



Tgt Ion: 95 Resp: 42979
Ion Ratio Lower Upper
95 100
174 69.9 63.3 94.9
176 70.4 59.3 88.9

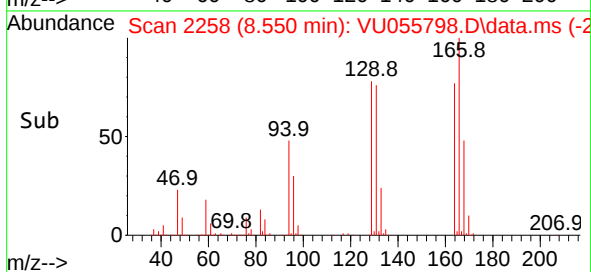
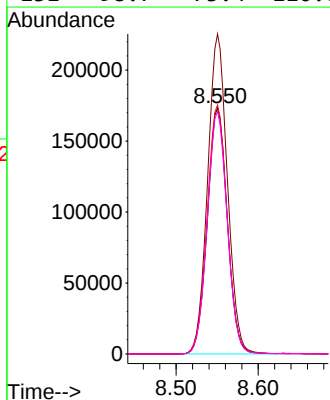
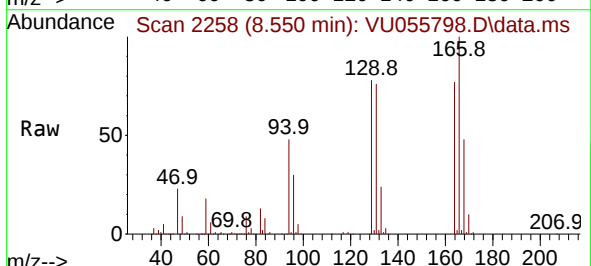
Manual Integrations
APPROVED

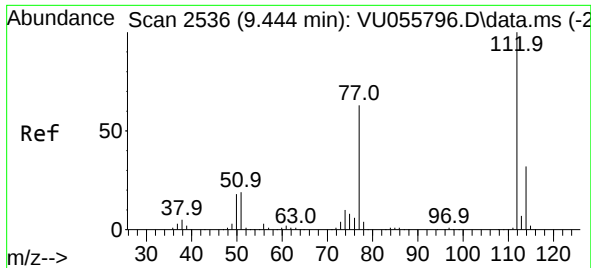
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#58
Tetrachloroethene
Concen: 8.652 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

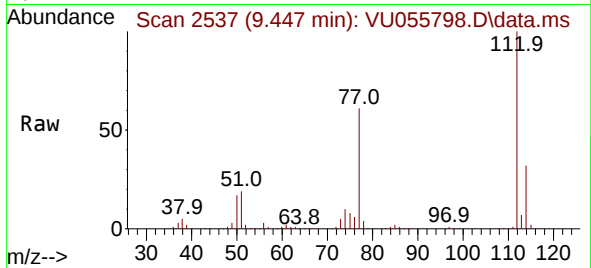
Tgt Ion:164 Resp: 293322
Ion Ratio Lower Upper
164 100
166 130.0 99.6 149.4
129 101.2 78.6 117.8
131 98.7 73.4 110.0





#59
Chlorobenzene
Concen: 9.893 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

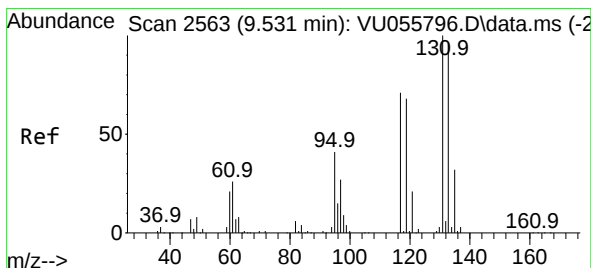
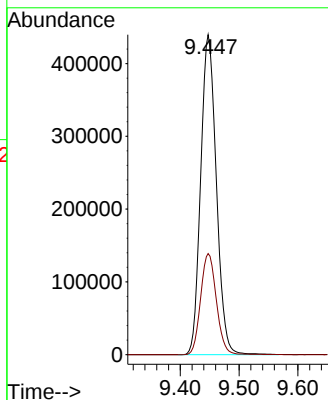
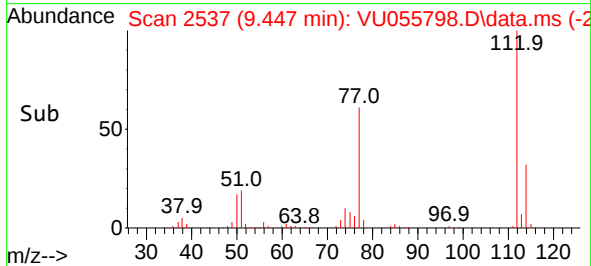
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion:112 Resp: 810370
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

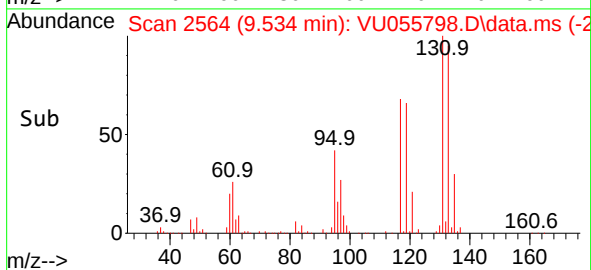
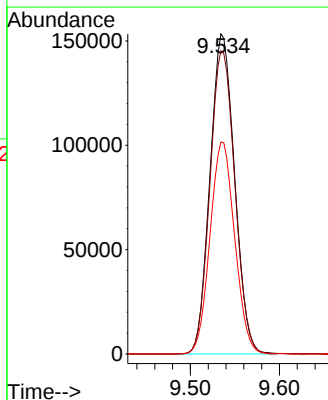
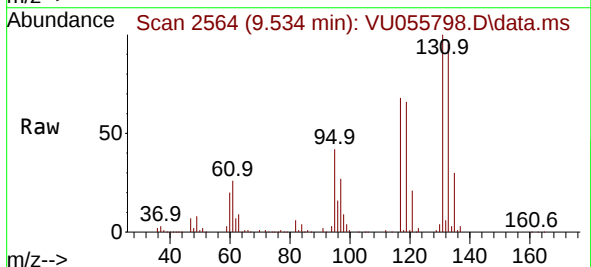
Manual Integrations
APPROVED

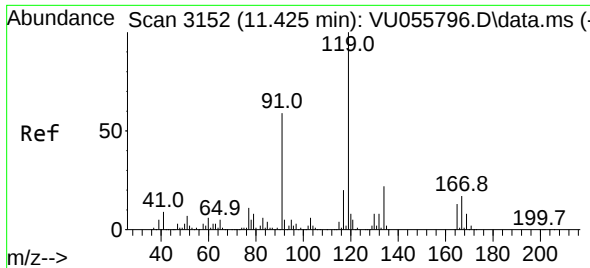
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.076 ug/l
RT: 9.534 min Scan# 2564
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion:131 Resp: 294159
Ion Ratio Lower Upper
131 100
133 96.3 77.8 116.6
119 66.5 55.2 82.8





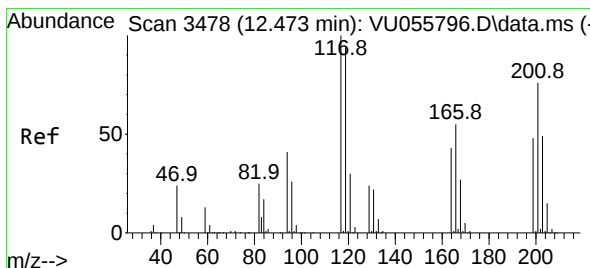
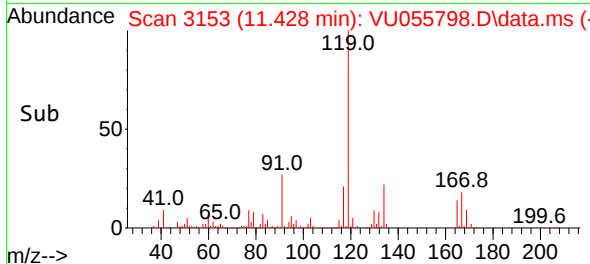
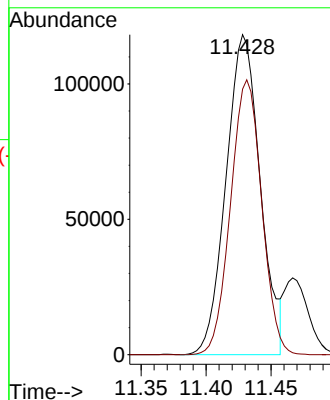
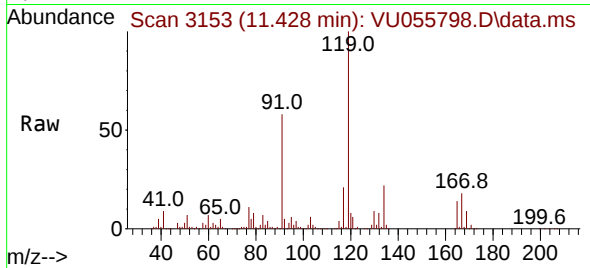
#61
Pentachloroethane
Concen: 10.969 ug/l
RT: 11.428 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Tgt Ion:117 Resp: 216719
Ion Ratio Lower Upper
117 100
167 78.1 56.7 85.1

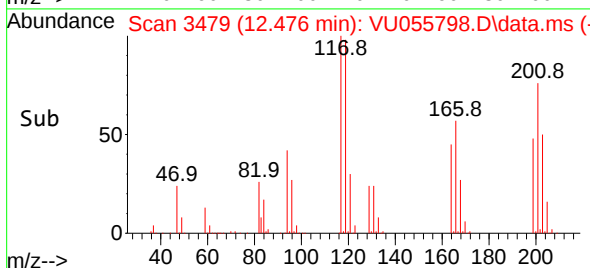
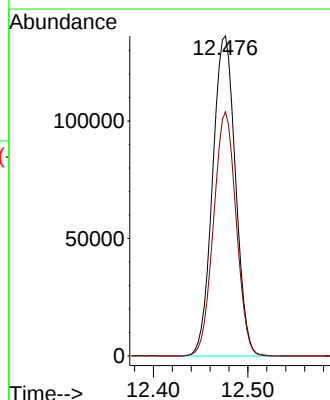
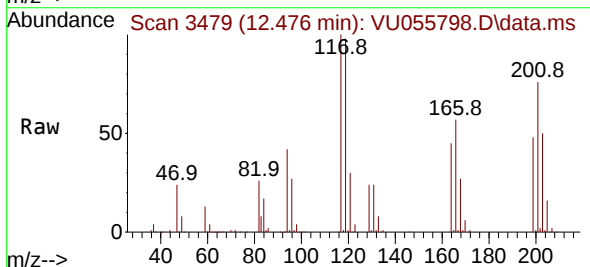
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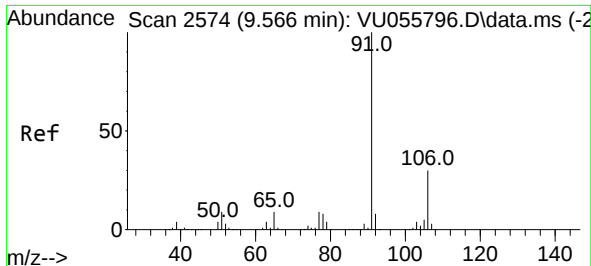
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#62
Hexachloroethane
Concen: 9.369 ug/l
RT: 12.476 min Scan# 3479
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion:117 Resp: 228848
Ion Ratio Lower Upper
117 100
201 75.3 59.6 89.4





#63

Ethyl Benzene

Concen: 10.950 ug/l

RT: 9.570 min Scan# 2574

Delta R.T. 0.004 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 91 Resp: 1522134

Ion Ratio Lower Upper

91 100

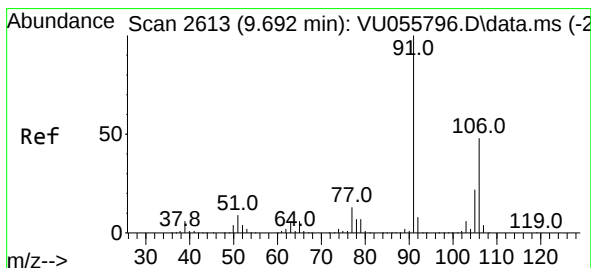
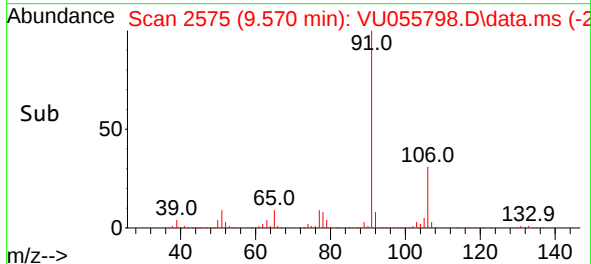
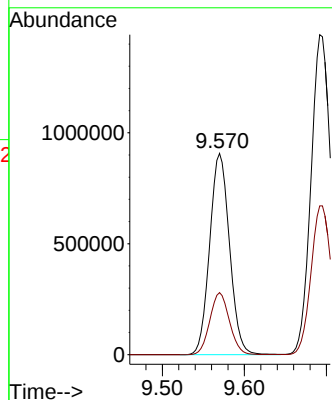
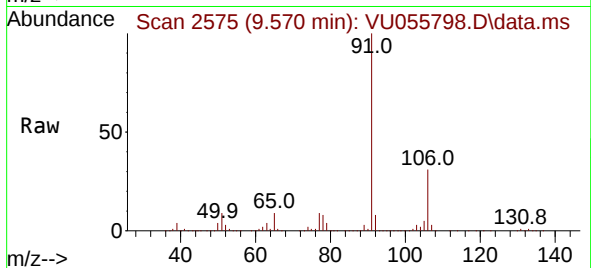
106 30.8 24.2 36.2

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#64

m/p-Xylenes

Concen: 21.990 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU055798.D

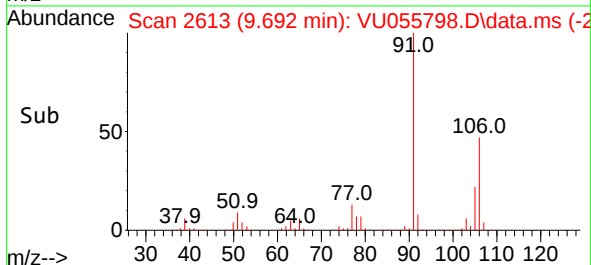
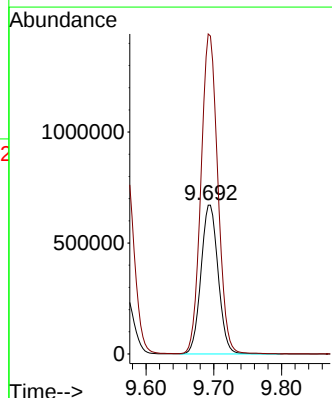
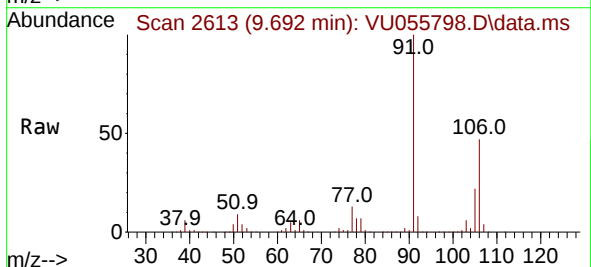
Acq: 18 Oct 2023 13:34

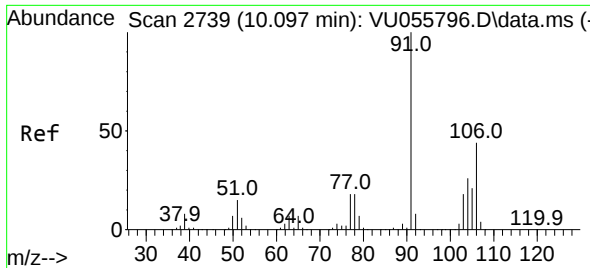
Tgt Ion:106 Resp: 1175044

Ion Ratio Lower Upper

106 100

91 211.8 167.3 250.9





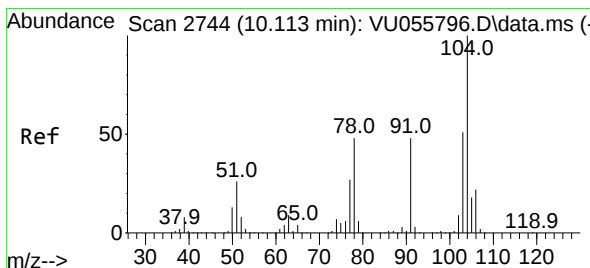
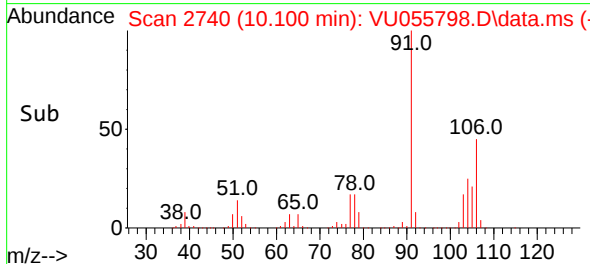
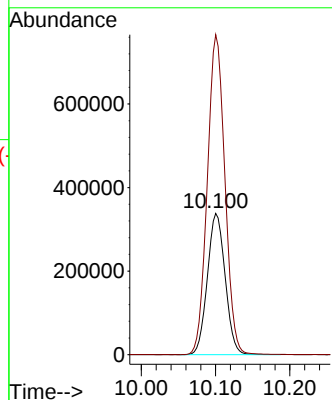
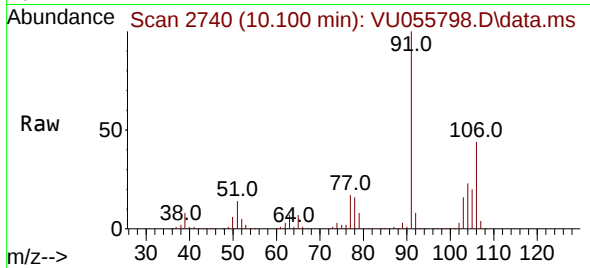
#65
o-Xylene
Concen: 10.707 ug/l
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Tgt Ion:106 Resp: 56142
Ion Ratio Lower Upper
106 100
91 224.4 109.3 327.9

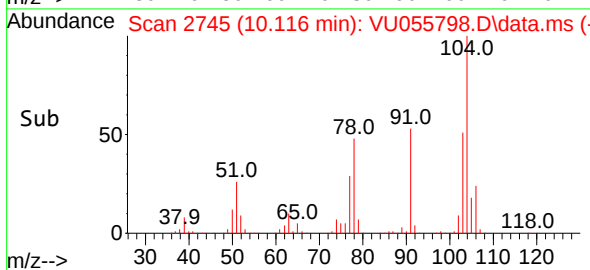
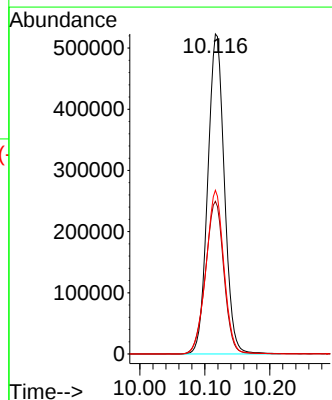
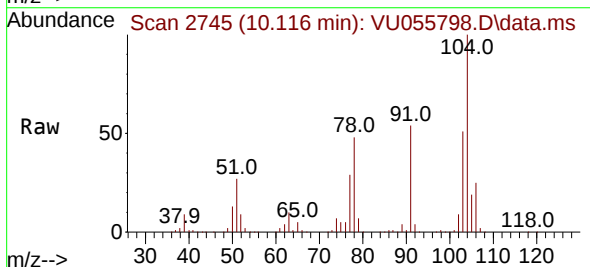
Manual Integrations
APPROVED

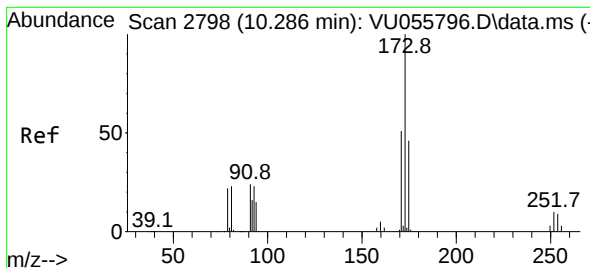
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#66
Styrene
Concen: 11.358 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion:104 Resp: 931308
Ion Ratio Lower Upper
104 100
78 52.7 39.7 59.5
103 55.2 44.8 67.2





#67

Bromoform

Concen: 10.226 ug/l

RT: 10.296 min Scan# 2801

Delta R.T. 0.010 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

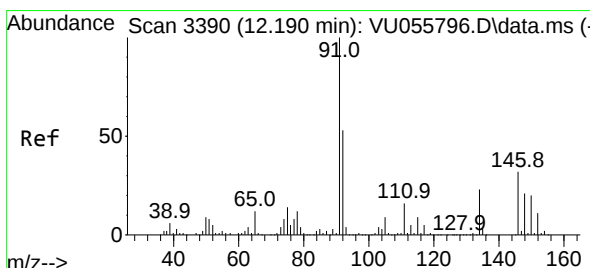
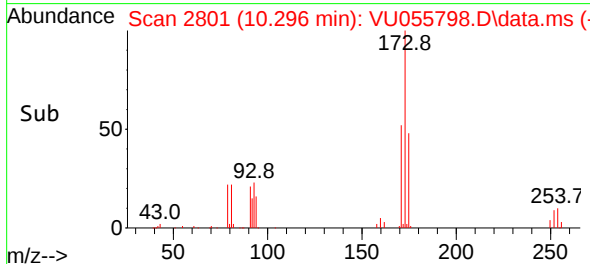
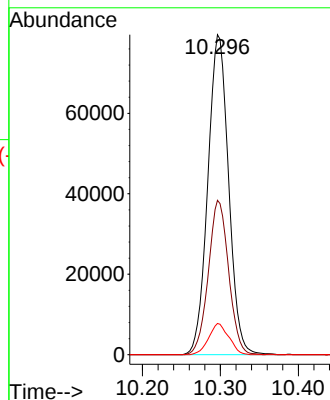
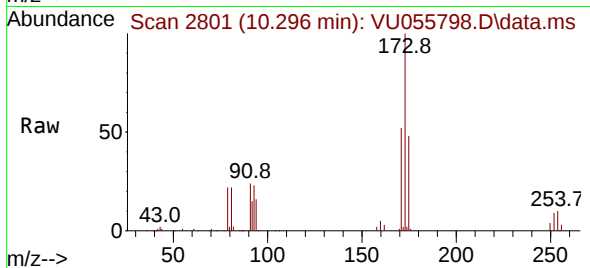
Tgt Ion:173 Resp: 147270
 Ion Ratio Lower Upper
 173 100
 175 47.2 39.0 58.6
 254 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.986 ug/l

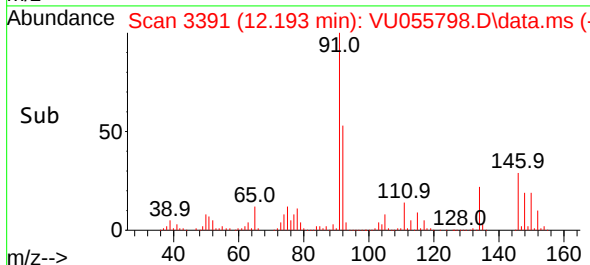
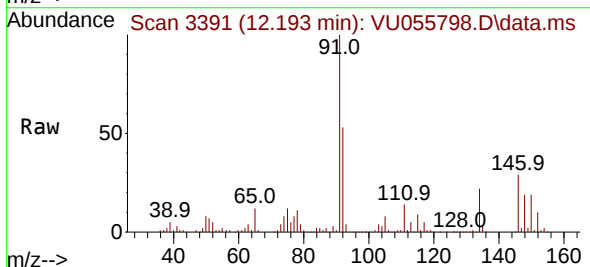
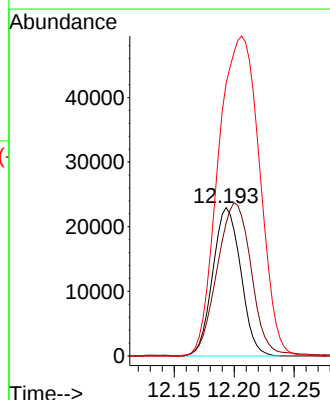
RT: 12.193 min Scan# 3391

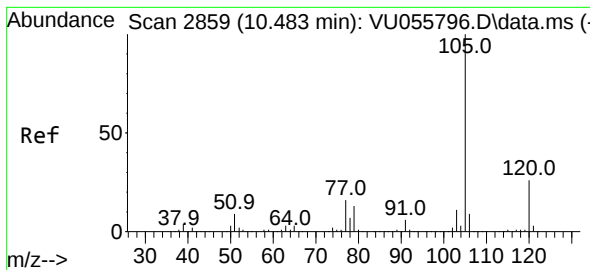
Delta R.T. 0.003 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Tgt Ion:152 Resp: 37232
 Ion Ratio Lower Upper
 152 100
 115 126.8 0.0 308.8
 150 317.3 0.0 635.0





#69

Isopropylbenzene

Concen: 11.142 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion:105 Resp: 150397

Ion Ratio Lower Upper

105 100

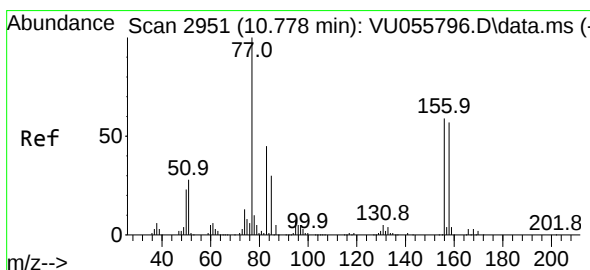
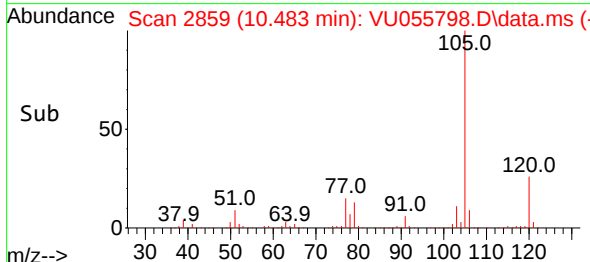
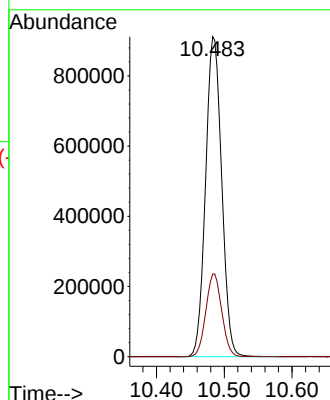
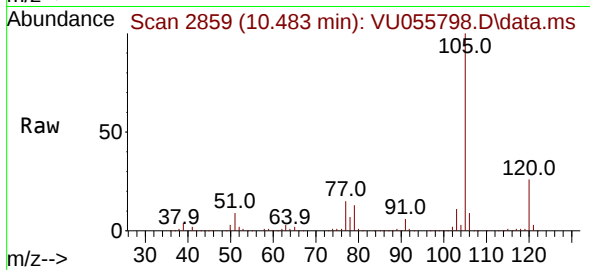
120 25.6 12.8 38.4

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 9.679 ug/l

RT: 10.788 min Scan# 2954

Delta R.T. 0.010 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

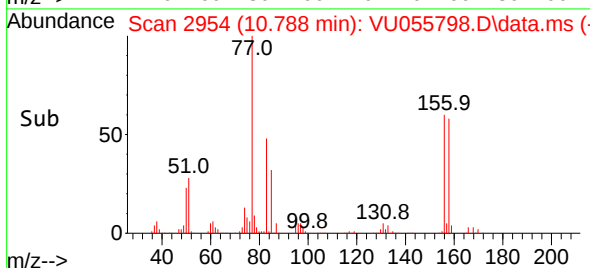
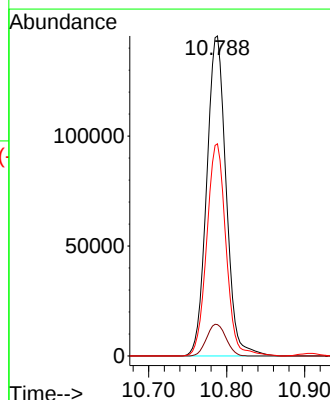
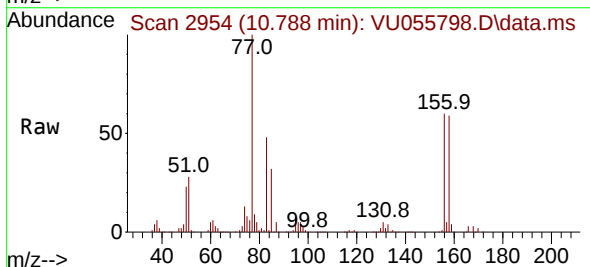
Tgt Ion: 83 Resp: 251443

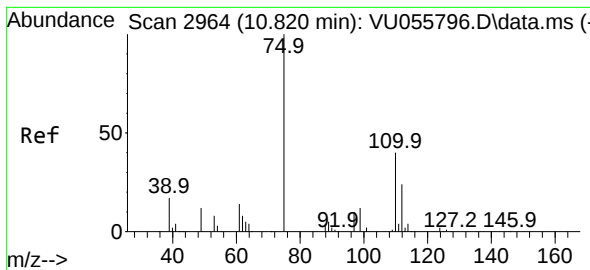
Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

85 65.9 50.5 75.7





#71

1,2,3-Trichloropropane

Concen: 8.771 ug/l m

RT: 10.827 min Scan# 2964

Delta R.T. 0.007 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion: 75 Resp: 18886

Ion Ratio Lower Upper

75 100

77 0.0 0.0 116.4

110 36.3 0.0 74.6

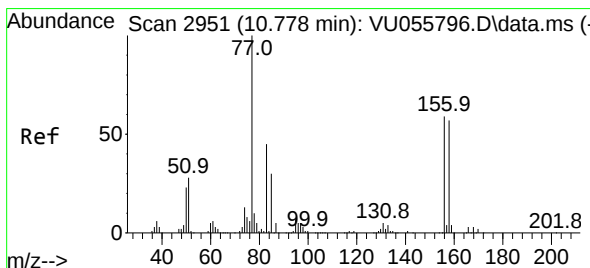
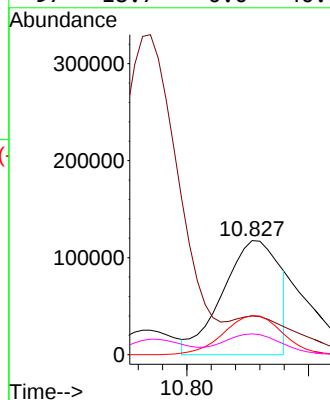
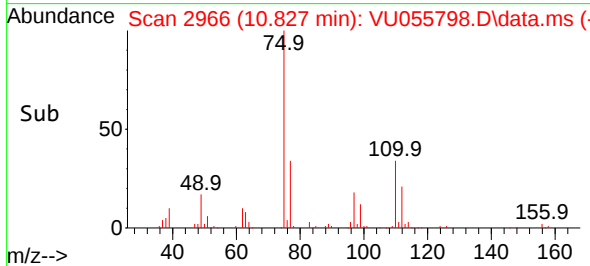
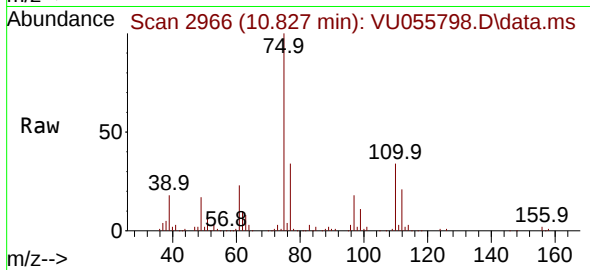
97 18.7 0.0 40.0

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#72

Bromobenzene

Concen: 10.284 ug/l

RT: 10.785 min Scan# 2953

Delta R.T. 0.007 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

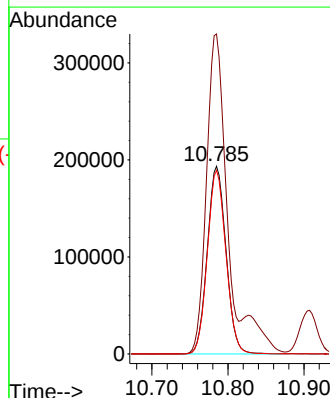
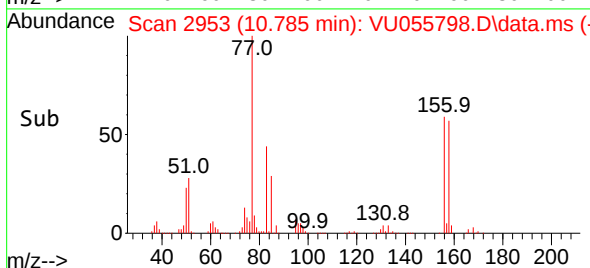
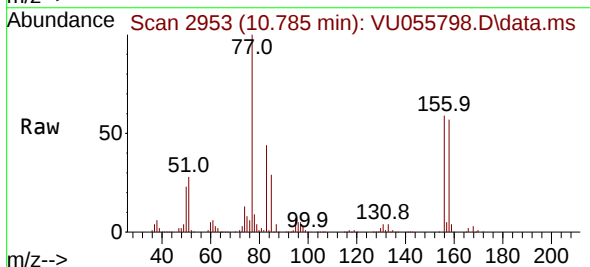
Tgt Ion:156 Resp: 331236

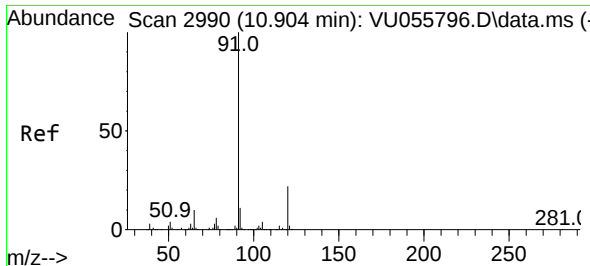
Ion Ratio Lower Upper

156 100

77 171.4 0.0 343.0

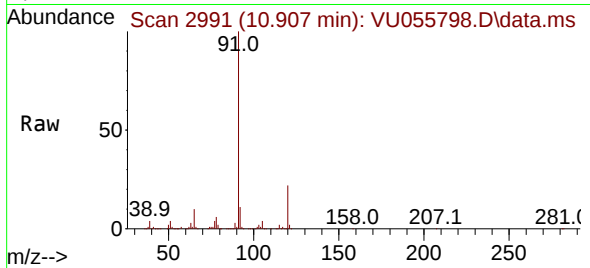
158 97.1 0.0 194.8





#73
n-propylbenzene
Concen: 9.219 ug/l
RT: 10.907 min Scan# 2991
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

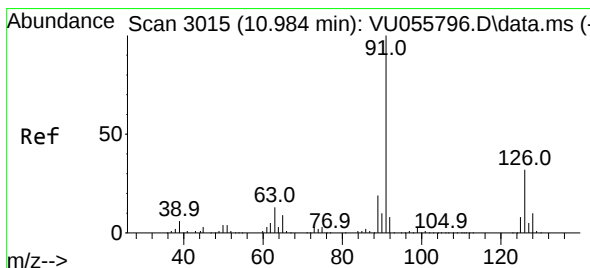
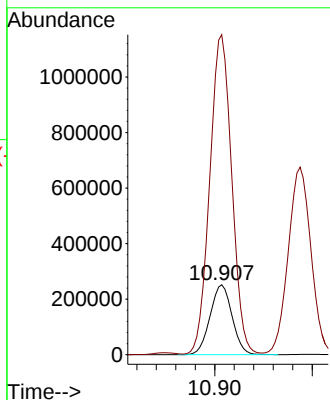
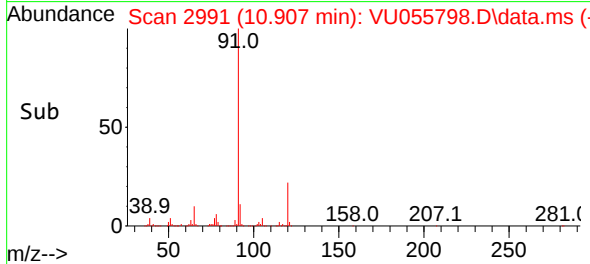
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



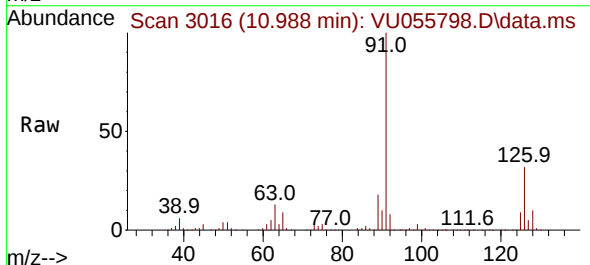
Tgt Ion:120 Resp: 394540
Ion Ratio Lower Upper
120 100
91 456.3 369.8 554.6

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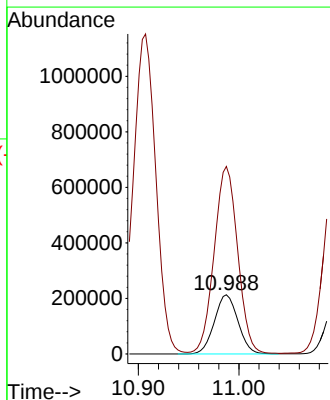
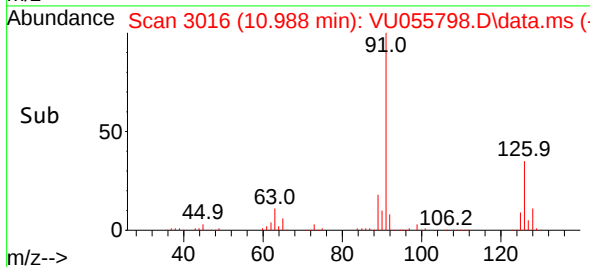
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

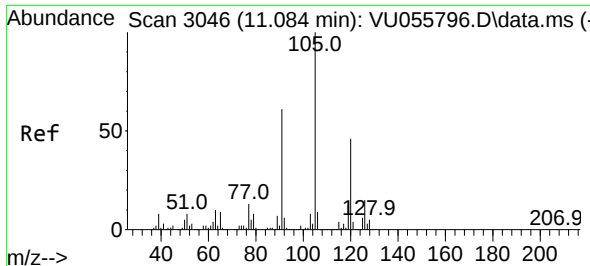


#74
2-Chlorotoluene
Concen: 10.753 ug/l
RT: 10.988 min Scan# 3016
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



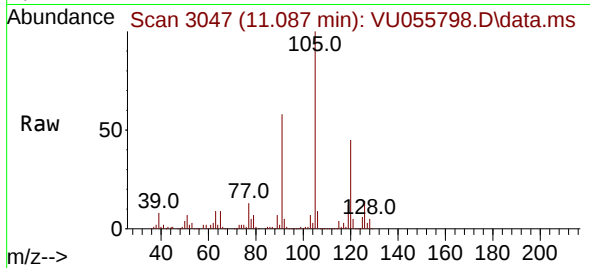
Tgt Ion:126 Resp: 347940
Ion Ratio Lower Upper
126 100
91 313.8 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 9.431 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

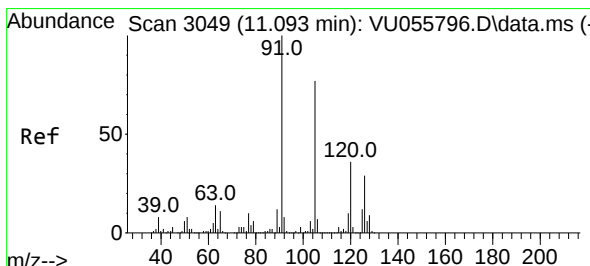
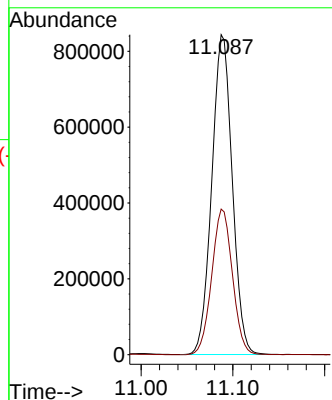
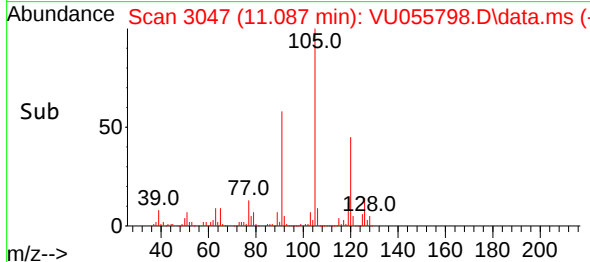
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion:105 Resp: 130924
Ion Ratio Lower Upper
105 100
120 46.0 37.8 56.8

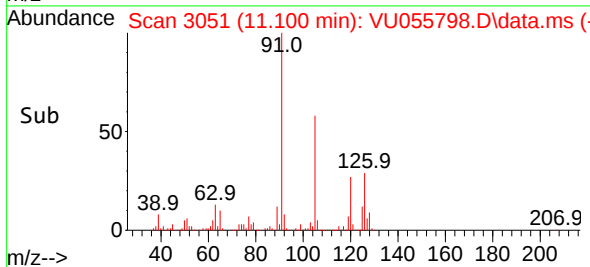
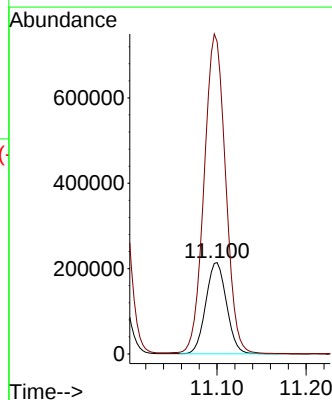
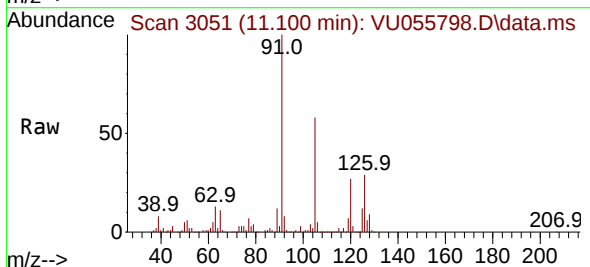
Manual Integrations
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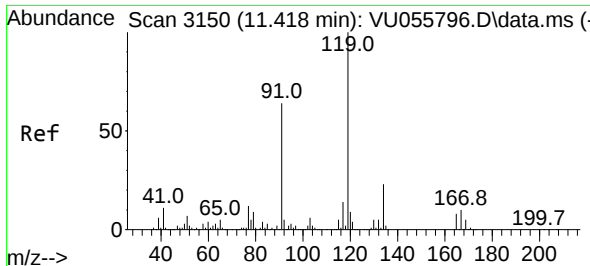
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#76
4-Chlorotoluene
Concen: 10.484 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

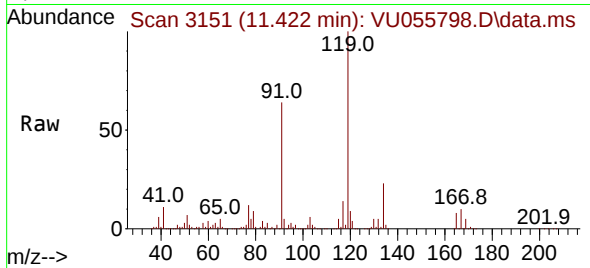
Tgt Ion:126 Resp: 345715
Ion Ratio Lower Upper
126 100
91 363.7 0.0 686.2





#77
tert-Butylbenzene
Concen: 9.251 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

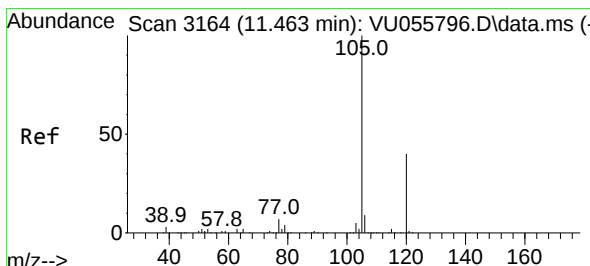
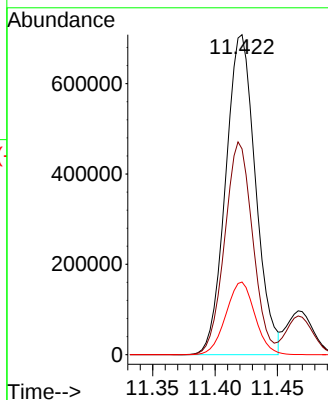
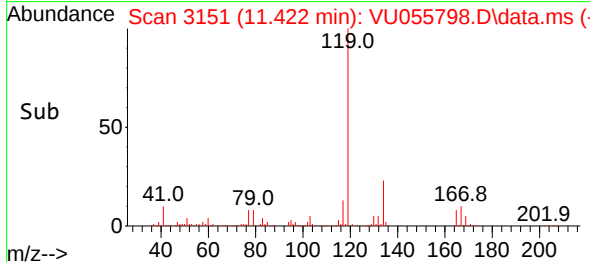
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



Tgt Ion:119 Resp: 1182120
Ion Ratio Lower Upper
119 100
91 62.4 30.8 92.4
134 22.1 18.0 27.0

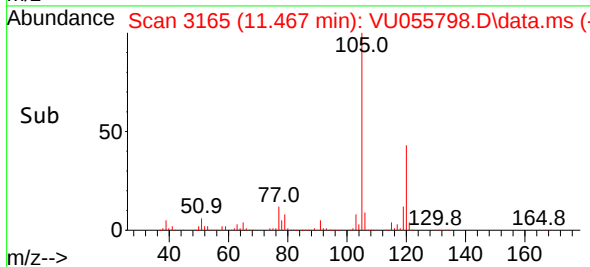
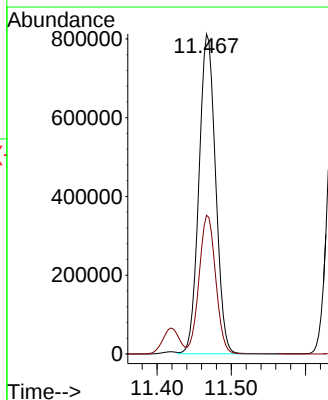
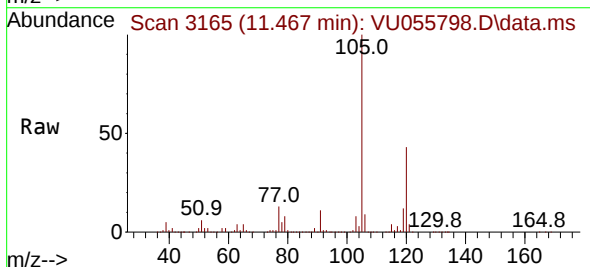
Manual Integrations
APPROVED

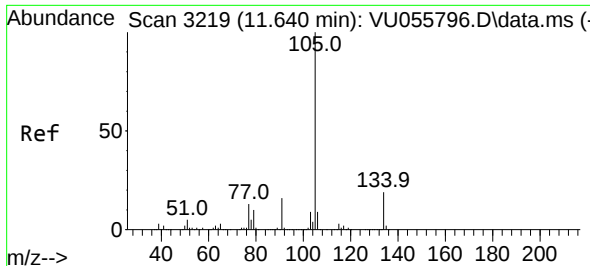
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#78
1,2,4-Trimethylbenzene
Concen: 9.060 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion:105 Resp: 1261243
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





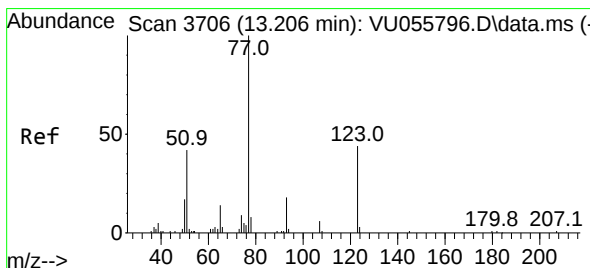
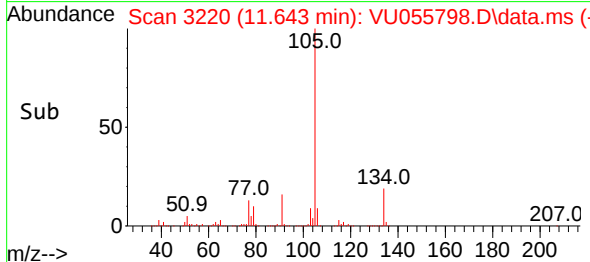
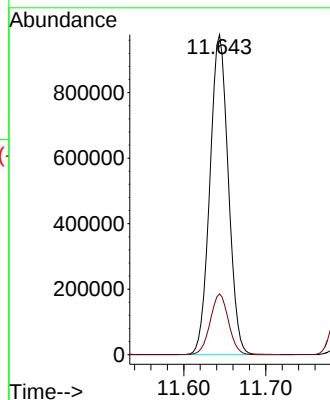
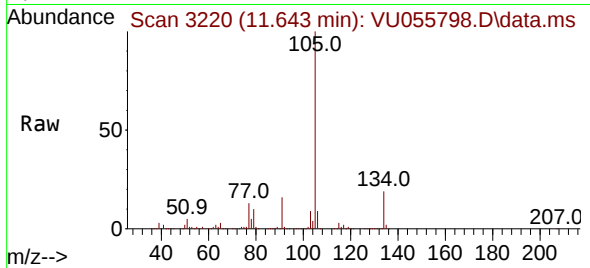
#79
 sec-Butylbenzene
 Concen: 9.075 ug/l
 RT: 11.643 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU055798.D
 Acq: 18 Oct 2023 13:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101823

Tgt Ion:105 Resp: 152318
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3

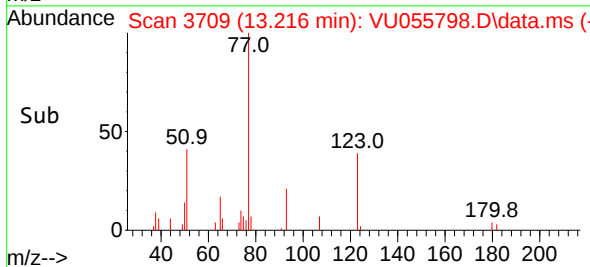
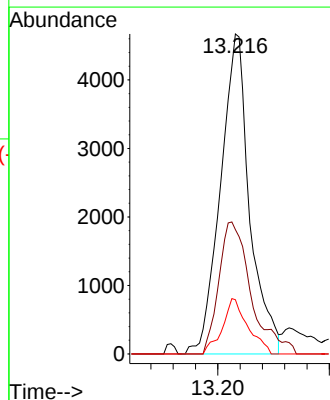
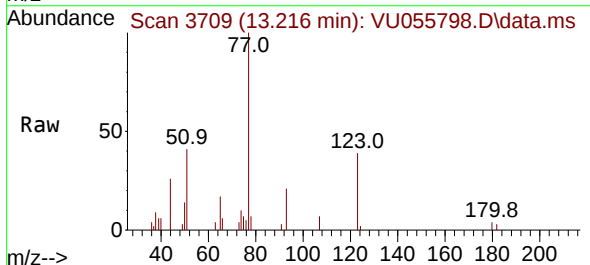
Manual Integrations
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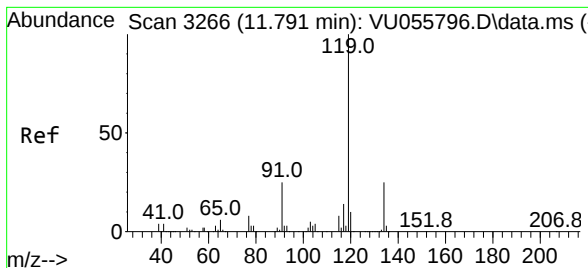
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#80
 Nitrobenzene
 Concen: 11.862 ug/l m
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU055798.D
 Acq: 18 Oct 2023 13:34

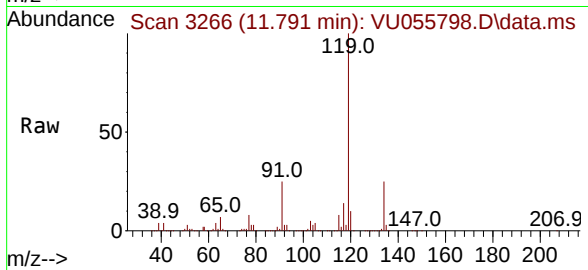
Tgt Ion: 77 Resp: 8479
 Ion Ratio Lower Upper
 77 100
 123 45.5 19.7 69.7
 65 15.1 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 8.912 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

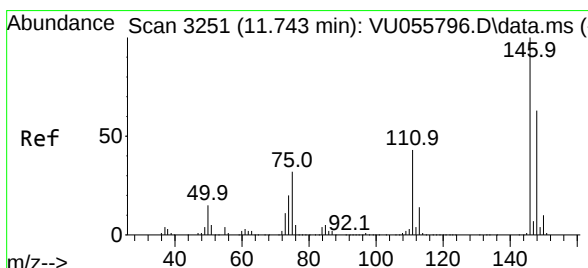
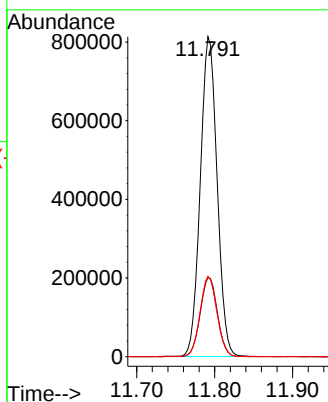
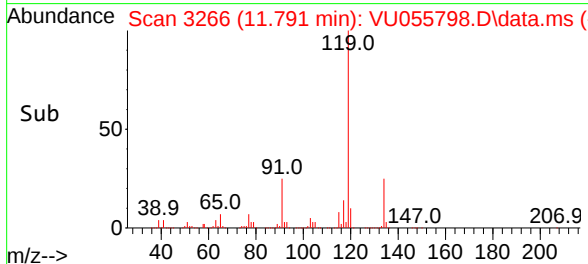
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



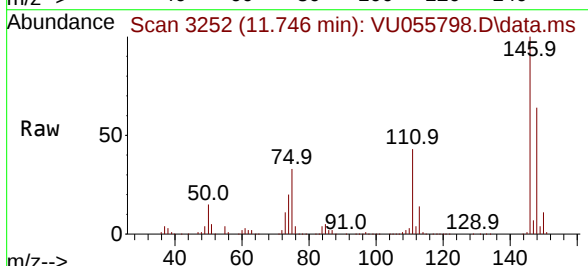
Tgt Ion:119 Resp: 121927
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.1 19.3 28.9

Manual Integrations
APPROVED

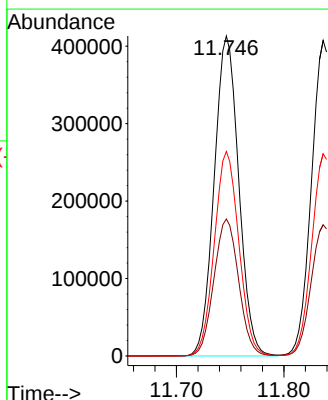
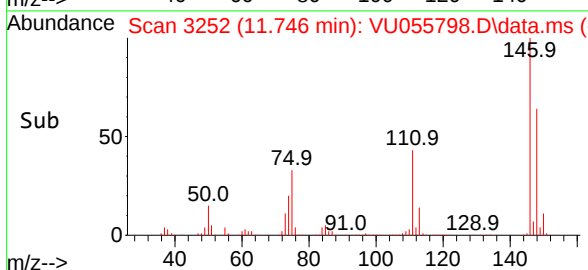
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

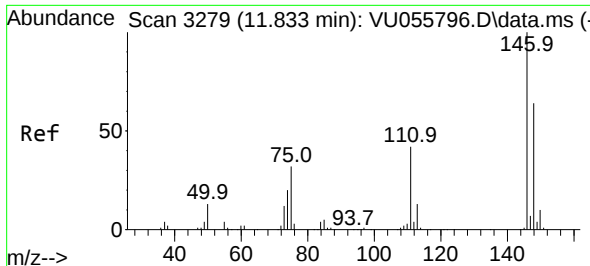


#82
1,3-Dichlorobenzene
Concen: 9.970 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



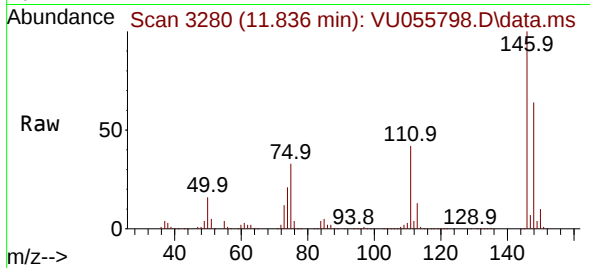
Tgt Ion:146 Resp: 655482
Ion Ratio Lower Upper
146 100
111 43.1 32.6 49.0
148 64.0 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.089 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

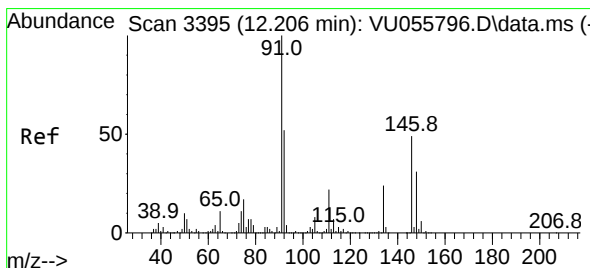
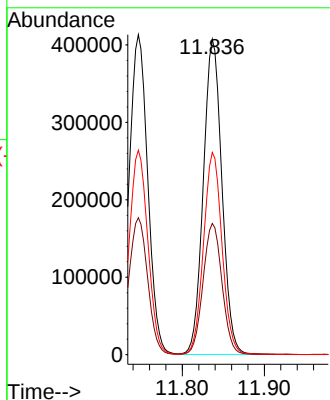
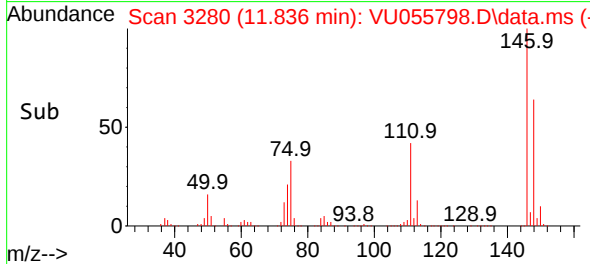
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823



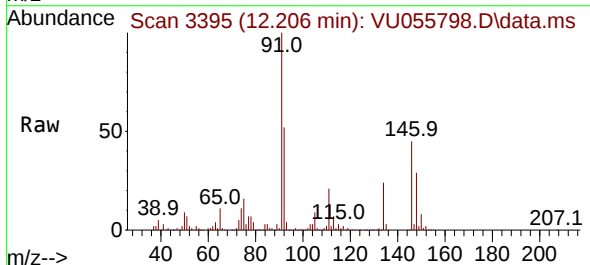
Tgt Ion:146 Resp: 641917
Ion Ratio Lower Upper
146 100
111 42.4 31.6 47.4
148 63.9 50.3 75.5

Manual Integrations
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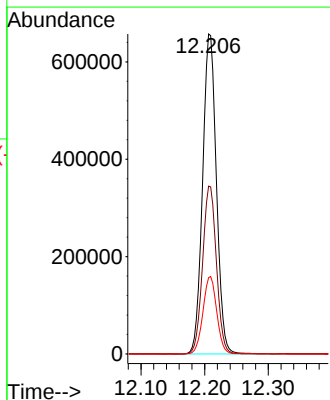
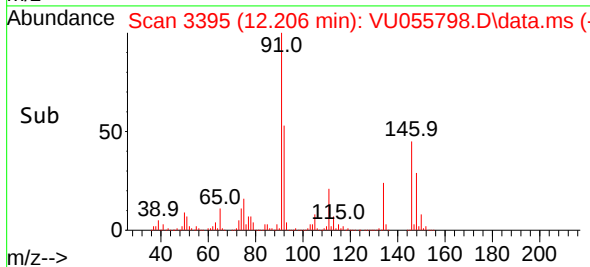
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

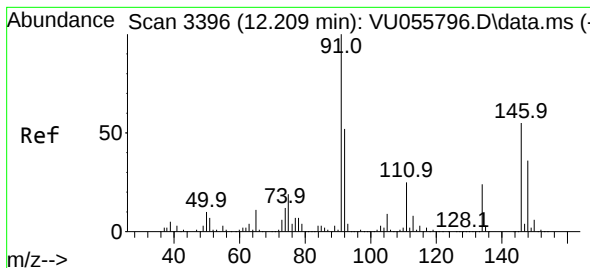


#84
n-Butylbenzene
Concen: 8.520 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34



Tgt Ion: 91 Resp: 989566
Ion Ratio Lower Upper
91 100
92 52.7 40.8 61.2
134 24.2 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 9.687 ug/l

RT: 12.213 min Scan# 3396

Delta R.T. 0.004 min

Lab File: VU055798.D

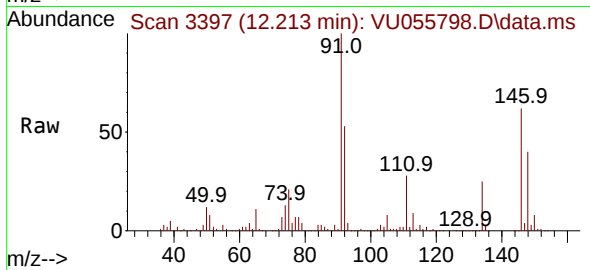
Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823



Tgt Ion:146 Resp: 58203

Ion Ratio Lower Upper

146 100

111 45.6 21.6 64.6

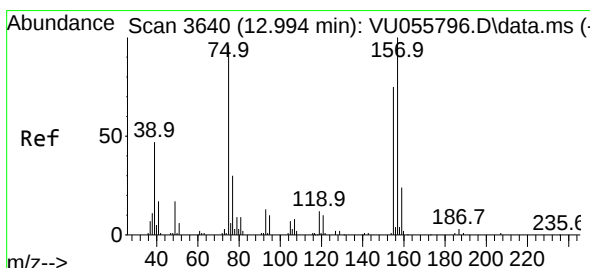
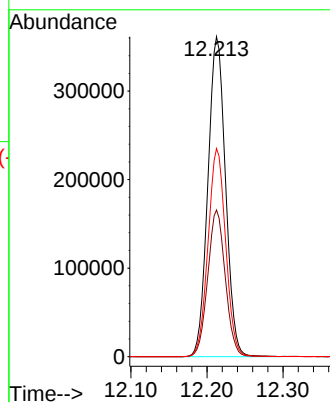
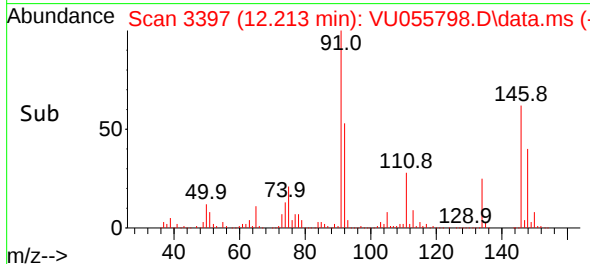
148 65.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.356 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

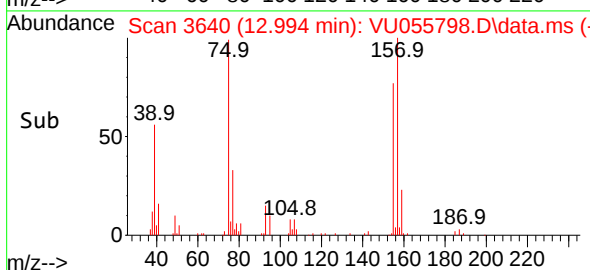
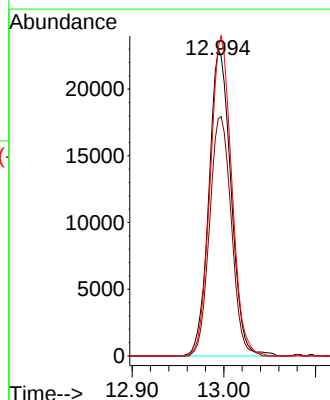
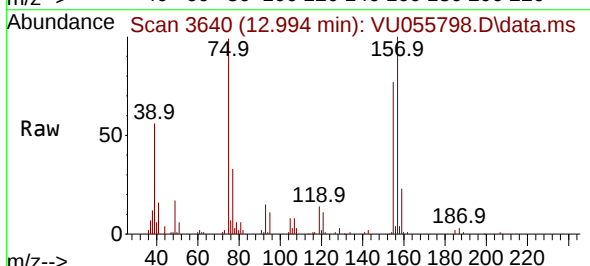
Tgt Ion: 75 Resp: 38407

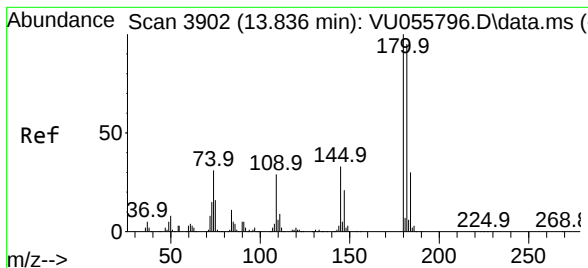
Ion Ratio Lower Upper

75 100

155 76.7 61.8 92.8

157 101.9 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 8.994 ug/l

RT: 13.840 min Scan# 3902

Delta R.T. 0.004 min

Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101823

Tgt Ion:180 Resp: 357978

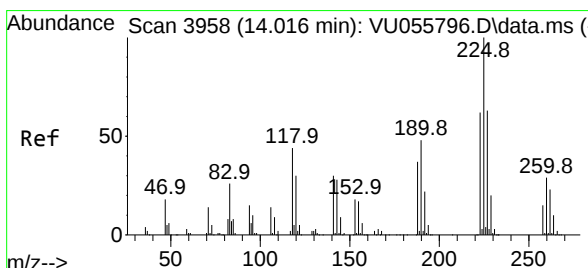
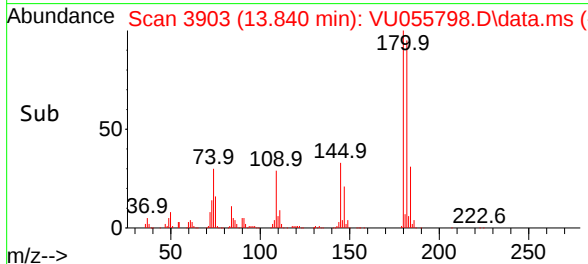
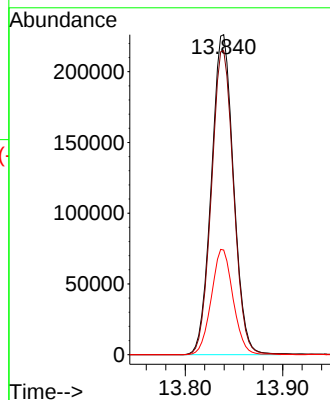
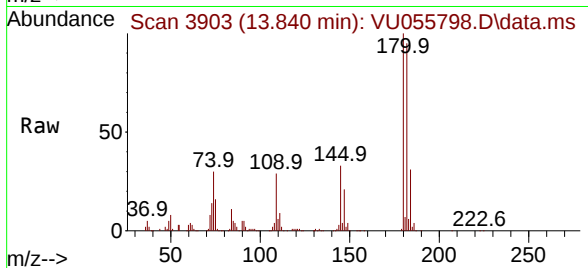
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	32.3	23.9	35.9

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#88

Hexachlorobutadiene

Concen: 9.874 ug/l

RT: 14.020 min Scan# 3959

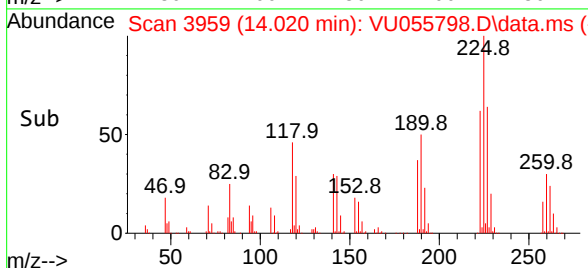
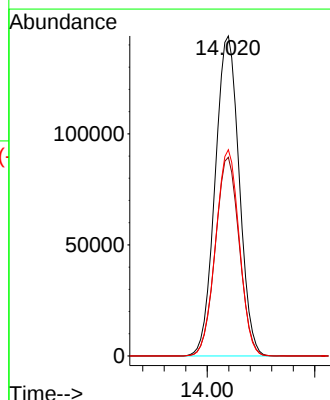
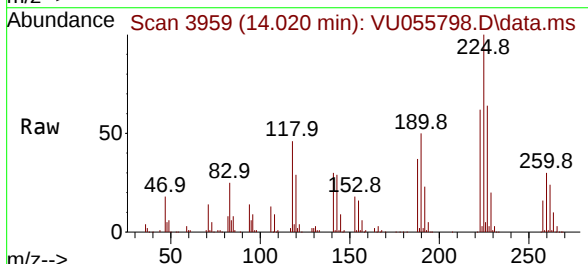
Delta R.T. 0.004 min

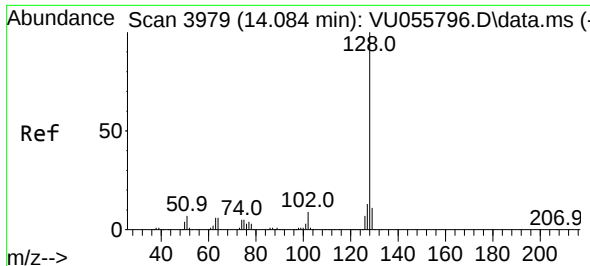
Lab File: VU055798.D

Acq: 18 Oct 2023 13:34

Tgt Ion:225 Resp: 223861

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.4
227	63.5	51.5	77.3





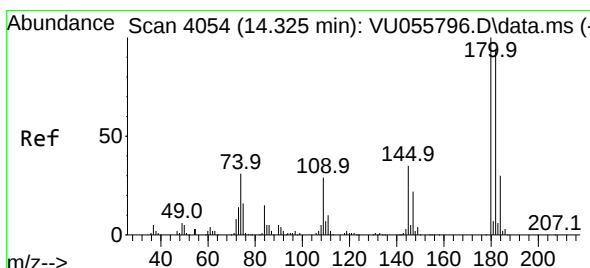
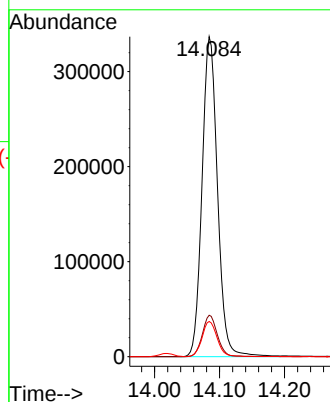
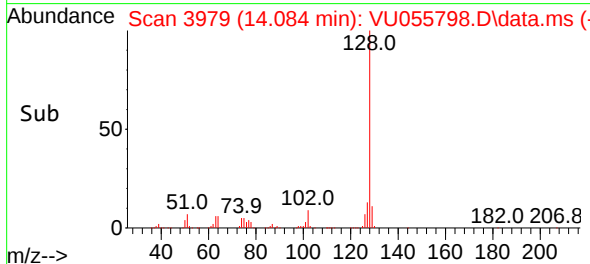
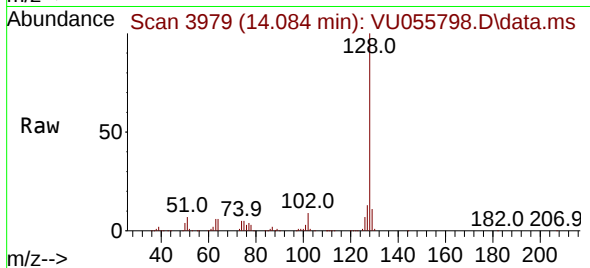
#89
Naphthalene
Concen: 9.003 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Tgt Ion:128 Resp: 55848
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.8 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#90
1,2,3-Trichlorobenzene
Concen: 9.035 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055798.D
Acq: 18 Oct 2023 13:34

Tgt Ion:180 Resp: 311651
Ion Ratio Lower Upper
180 100
182 94.0 75.7 113.5
145 34.8 26.1 39.1

