

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055794.D
 Acq On : 18 Oct 2023 10:26
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 02:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 02:09:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	91524	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	36117	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	36499	1.091	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	69826	1.965	ug/l	100
3) Chloromethane	1.518	50	60242	1.983	ug/l	99
4) Vinyl Chloride	1.602	62	60789	1.953	ug/l	97
5) Bromomethane	1.856	94	34174	1.994	ug/l	99
6) Chloroethane	1.930	64	31355	2.079	ug/l	97
7) Trichlorofluoromethane	2.136	101	82753	2.016	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	52969	1.935	ug/l	95
9) 1,1-Dichloroethene	2.576	96	49088	1.923	ug/l	94
10) Iodomethane	2.718	142	74871	1.956	ug/l	96
11) Allyl Chloride	2.920	41	63310	1.908	ug/l	98
12) Acrylonitrile	3.325	53	19713	4.110	ug/l	94
13) Acetone	2.637	43	105166	10.277	ug/l	99
14) Carbon Disulfide	2.792	76	161791	1.942	ug/l	100
15) Methylene Chloride	3.042	84	63292	2.102	ug/l	90
16) trans-1,2-Dichloroethene	3.351	96	53558	1.980	ug/l	93
17) 1,1-Dichloroethane	3.866	63	100120	1.990	ug/l	100
18) 2-Butanone	4.711	43	113653	10.308	ug/l	99
19) Cyclohexane	5.383	56	80721m	2.121	ug/l	
20) Methylcyclohexane	6.759	83	83217	1.866	ug/l	100
21) 2,2-Dichloropropane	4.660	77	83632	1.974	ug/l	100
22) cis-1,2-Dichloroethene	4.666	96	55941	1.940	ug/l	97
23) Diethyl Ether	2.374	59	30095	1.972	ug/l	97
24) tert-Butyl Alcohol	3.197	59	35676m	23.532	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	106230	1.934	ug/l	100
26) Bromochloromethane	4.972	128	24633	2.015	ug/l	99
27) Chloroform	5.084	83	102651	1.988	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	91662	1.981	ug/l	98
29) 1,1-Dichloropropene	5.525	75	70661	1.928	ug/l	99
30) Carbon Tetrachloride	5.518	117	81142	2.009	ug/l	98
31) Isopropyl Ether	3.988	45	128246	1.897	ug/l	97
32) Ethyl-t-butyl ether	4.496	59	125687	1.926	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	106086	1.897	ug/l	98
34) Propionitrile	4.792	54	17951	10.582	ug/l	# 10
35) Benzene	5.772	78	219903	1.980	ug/l	99
36) 1,2-Dichloroethane	5.792	62	60280	1.999	ug/l	99
37) Trichloroethene	6.541	130	56621	1.960	ug/l	99
38) 1,2-Dichloropropane	6.788	63	60027	2.070	ug/l	100
39) Methacrylonitrile	4.981	41	12252	1.932	ug/l	# 92
40) Methyl acrylate	4.853	55	17019	1.625	ug/l	# 88
41) Tetrahydrofuran	5.062	42	15305	4.203	ug/l	96
42) 1-Chlorobutane	5.454	56	93821	1.920	ug/l	97
43) Dibromomethane	6.917	93	28119	2.040	ug/l	96
44) Bromodichloromethane	7.103	83	73439	2.016	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

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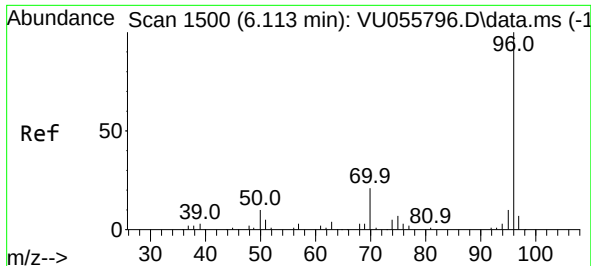
Manual Integrations
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 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 19 02:13:40 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	142970	10.031	ug/l	98
46) t-1,4-Dichloro-2-butene	10.830	75	21407m	4.363	ug/l	
47) Methyl methacrylate	6.959	69	43370	3.815	ug/l	96
48) Ethyl methacrylate	8.332	69	41115	1.905	ug/l	95
49) Toluene	7.968	92	128165	1.950	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	61085	1.895	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	75890	1.924	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	39283	1.996	ug/l	97
53) 1,3-Dichloropropane	8.573	76	67684	2.012	ug/l	97
54) 2-Hexanone	8.682	43	164638	10.311	ug/l	98
55) Dibromochloromethane	8.807	129	47867	2.015	ug/l	98
56) 1,2-Dibromoethane	8.920	107	36679	2.039	ug/l	97
58) Tetrachloroethene	8.550	164	62503	2.081	ug/l	98
59) Chlorobenzene	9.444	112	140899	1.941	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	50565	1.955	ug/l	99
61) Pentachloroethane	11.421	117	34040	1.944	ug/l	94
62) Hexachloroethane	12.470	117	34903	1.883	ug/l	99
63) Ethyl Benzene	9.566	91	235403	1.911	ug/l	100
64) m/p-Xylenes	9.692	106	186039	3.929	ug/l	98
65) o-Xylene	10.097	106	91081	1.961	ug/l	99
66) Styrene	10.113	104	140397	1.932	ug/l	96
67) Bromoform	10.290	173	25860	2.026	ug/l	97
69) Isopropylbenzene	10.483	105	229385	1.918	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	47623	2.069	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	35810m	1.936	ug/l	
72) Bromobenzene	10.778	156	55734	1.953	ug/l	96
73) n-propylbenzene	10.904	120	59746	1.939	ug/l	99
74) 2-Chlorotoluene	10.984	126	57399	2.002	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	201199	1.968	ug/l	98
76) 4-Chlorotoluene	11.097	126	58987	2.019	ug/l	94
77) tert-Butylbenzene	11.415	119	179010	1.910	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	194855	1.925	ug/l	98
79) sec-Butylbenzene	11.640	105	222049	1.877	ug/l	99
80) Nitrobenzene	13.219	77	6221m	9.772	ug/l	
81) p-Isopropyltoluene	11.791	119	173957	1.826	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	118567	2.035	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	116364	2.064	ug/l	97
84) n-Butylbenzene	12.206	91	149487	1.840	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	107274	2.015	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	6423	1.955	ug/l	97
87) 1,2,4-Trichlorobenzene	13.839	180	53760	1.861	ug/l	98
88) Hexachlorobutadiene	14.016	225	38572	1.920	ug/l	97
89) Naphthalene	14.087	128	73315	1.666	ug/l	100
90) 1,2,3-Trichlorobenzene	14.328	180	46115	1.860	ug/l	98

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



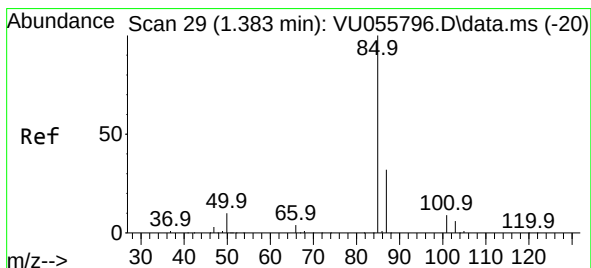
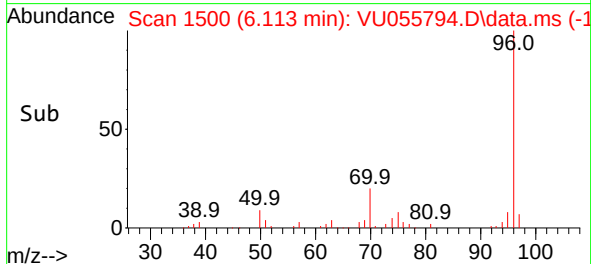
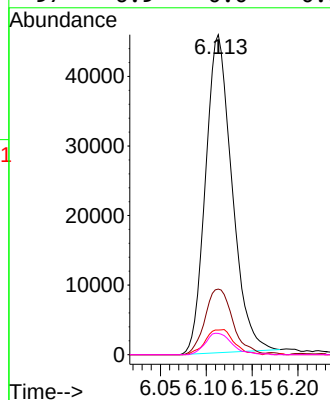
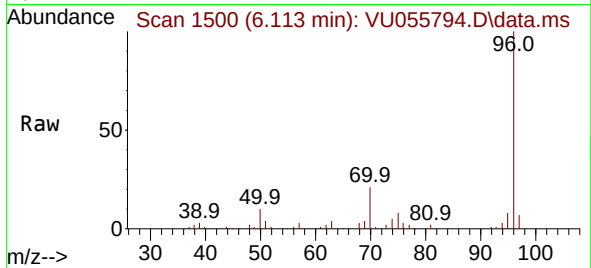
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 96 Resp: 91524
Ion Ratio Lower Upper
96 100
70 21.1 16.5 24.7
95 8.5 7.4 11.0
97 6.9 0.0 0.0#

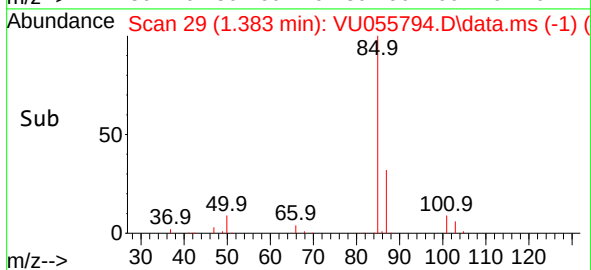
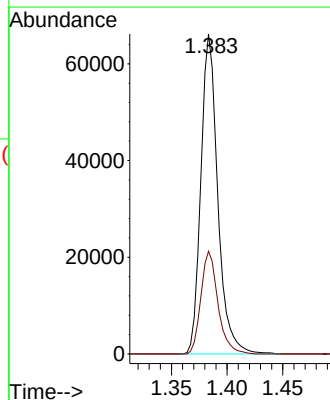
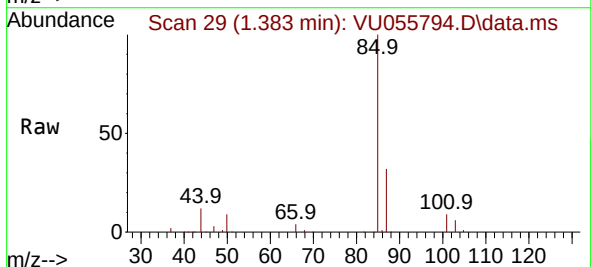
Manual Integrations
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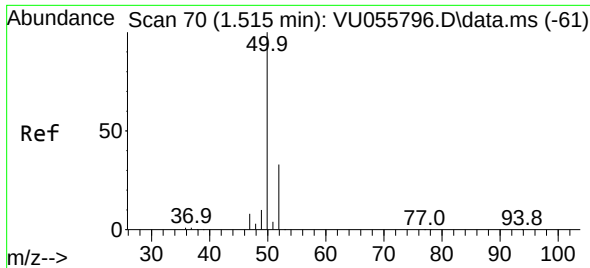
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#2
Dichlorodifluoromethane
Concen: 1.965 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 85 Resp: 69826
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





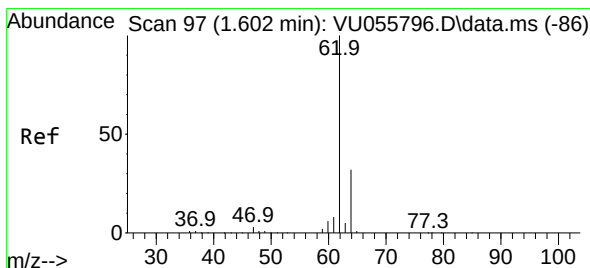
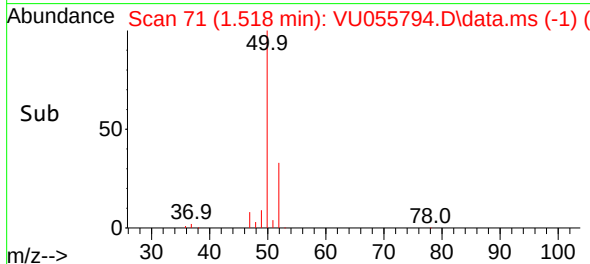
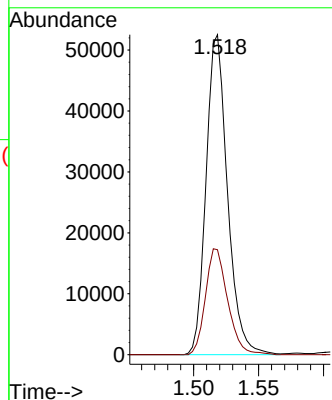
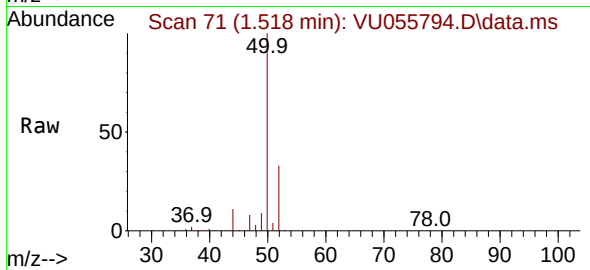
#3
Chloromethane
Concen: 1.983 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 50 Resp: 6024
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

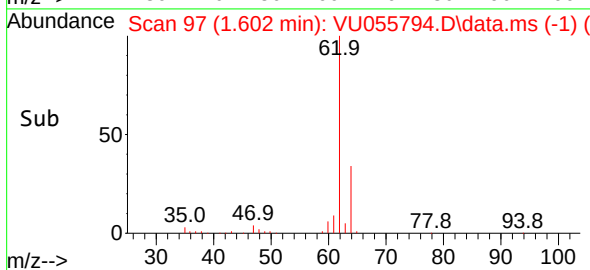
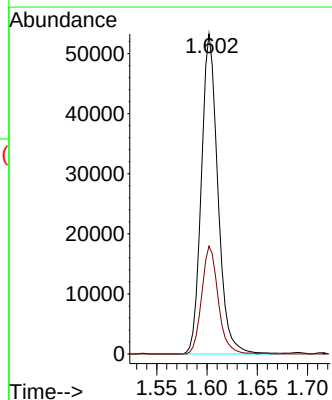
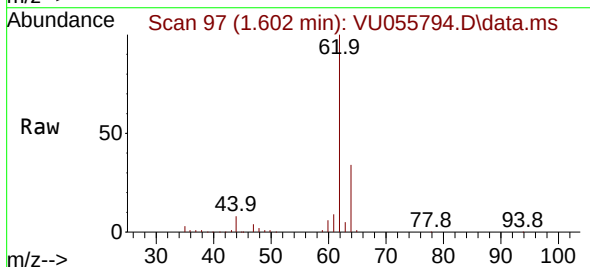
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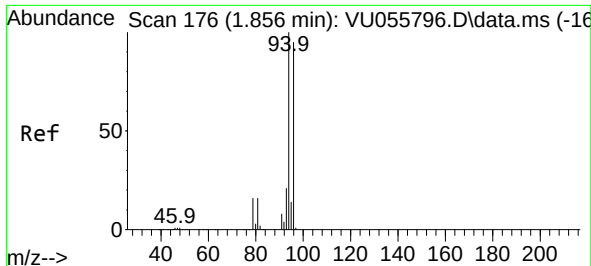
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#4
Vinyl Chloride
Concen: 1.953 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

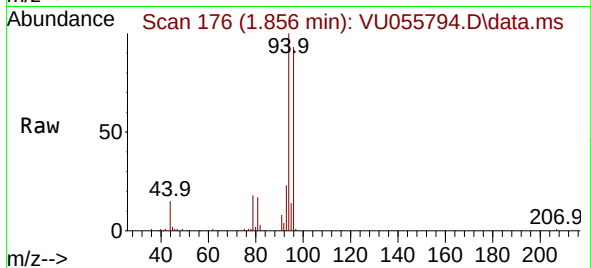
Tgt Ion: 62 Resp: 60789
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5
Bromomethane
Concen: 1.994 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

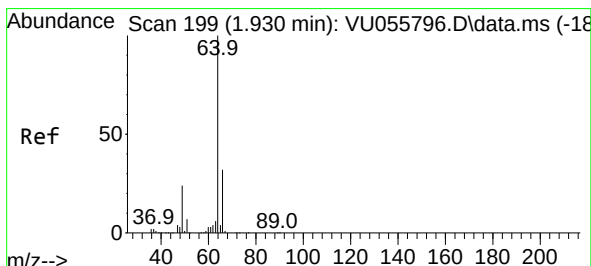
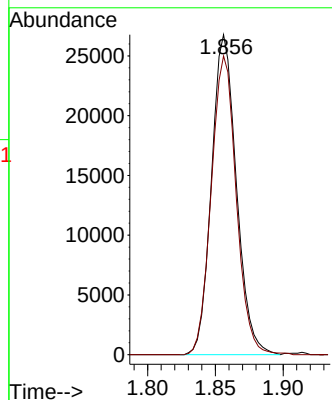
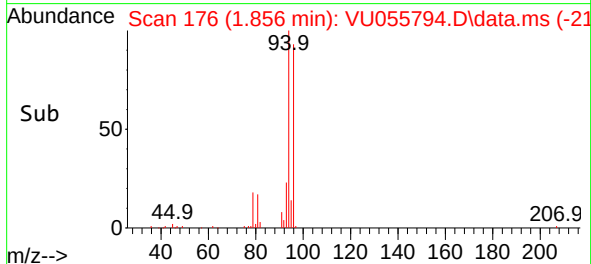
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 94 Resp: 34174
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2

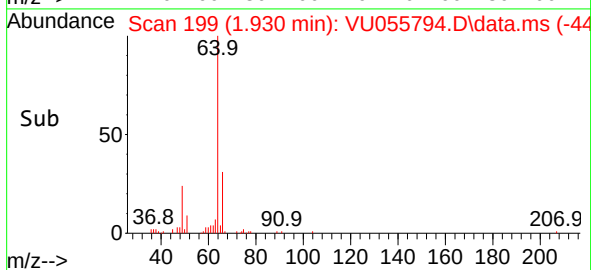
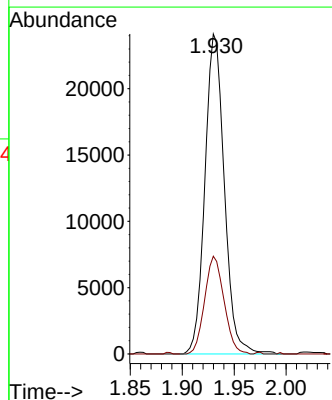
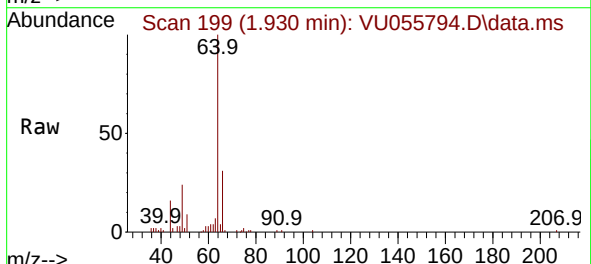
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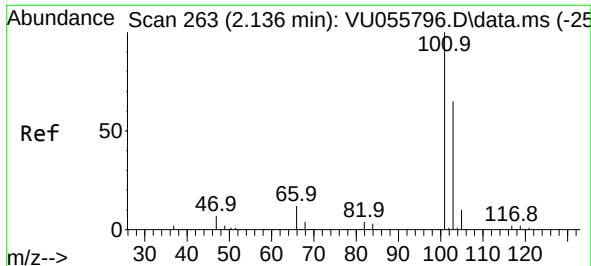
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#6
Chloroethane
Concen: 2.079 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 64 Resp: 31355
Ion Ratio Lower Upper
64 100
66 30.6 26.0 39.0





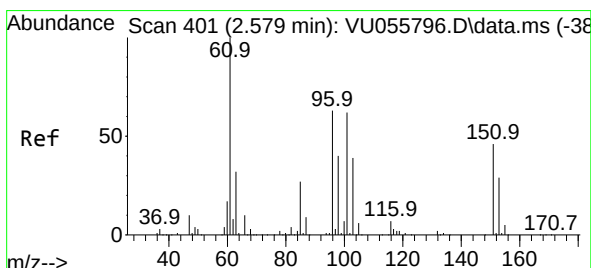
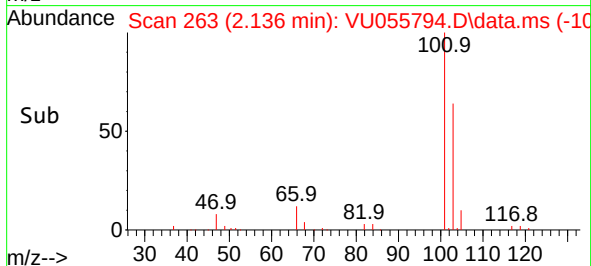
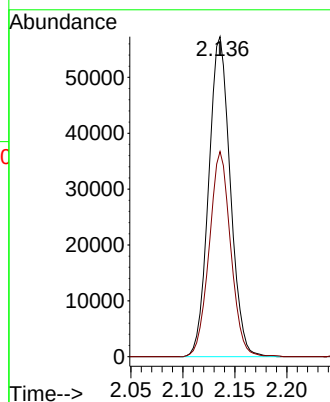
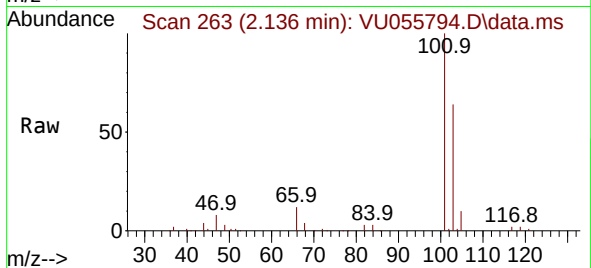
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Trichlorofluoromethane
Concen: 2.016 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 8275
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

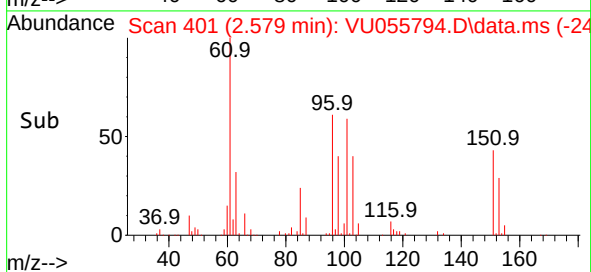
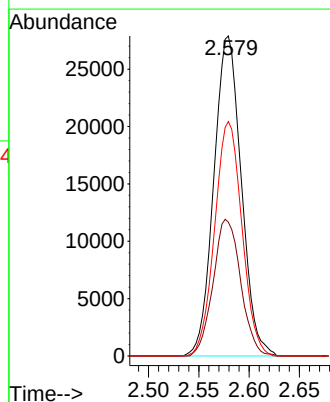
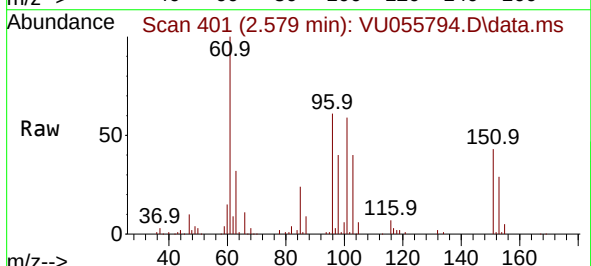
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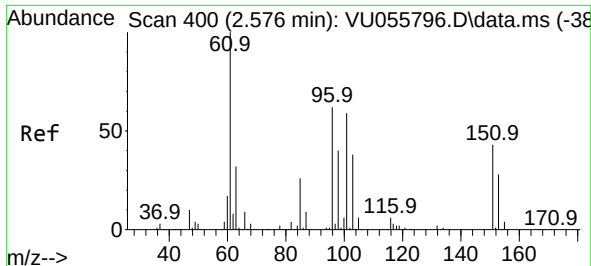
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.935 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion:101 Resp: 52969
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.0
151 72.7 54.0 81.0





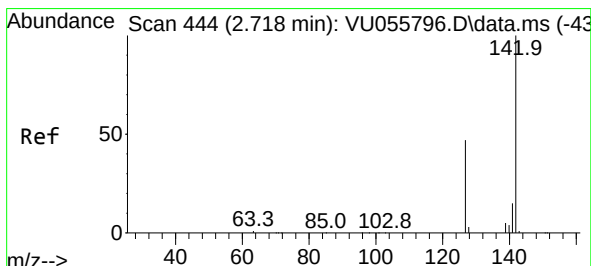
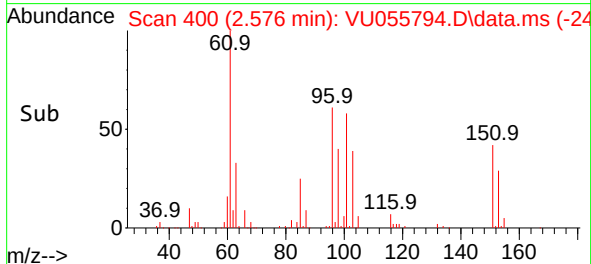
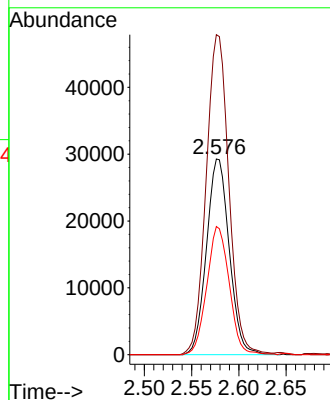
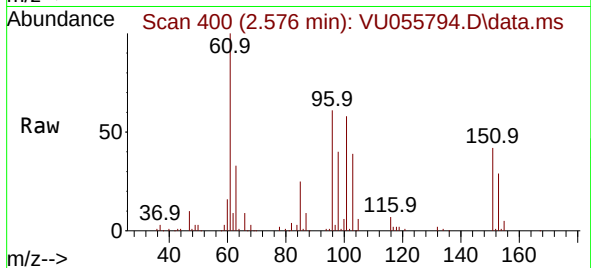
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1,1-Dichloroethene
Concen: 1.923 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 49088
Ion Ratio Lower Upper
96 100
61 163.5 0.0 521.4
98 65.5 0.0 125.8

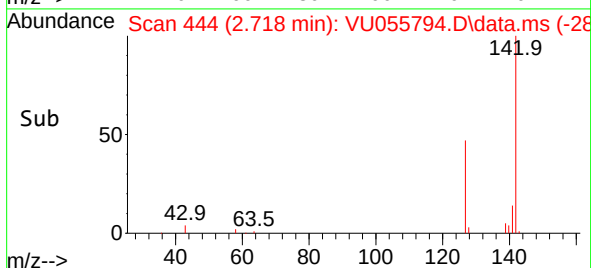
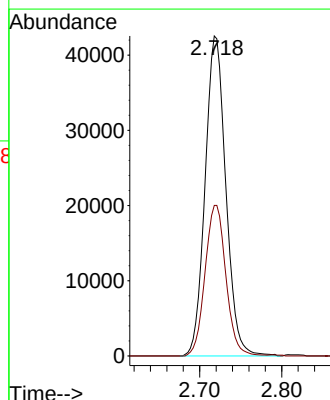
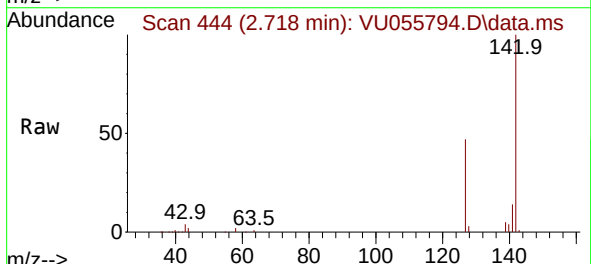
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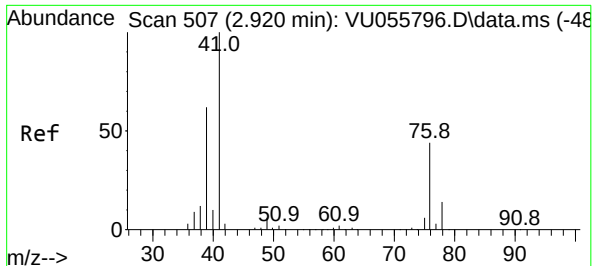
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#10
Iodomethane
Concen: 1.956 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion:142 Resp: 74871
Ion Ratio Lower Upper
142 100
127 47.4 35.9 53.9





#11

Allyl Chloride

Concen: 1.908 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 63310

Ion Ratio Lower Upper

41 100

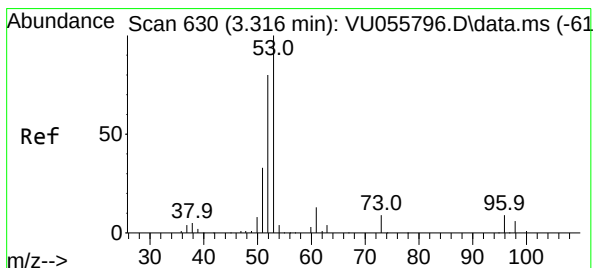
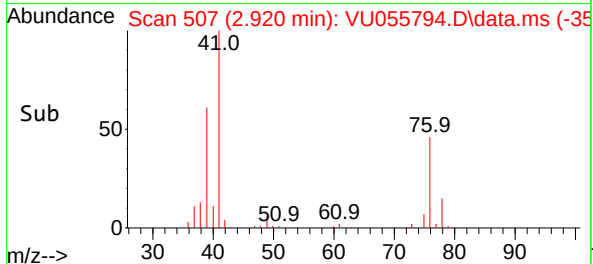
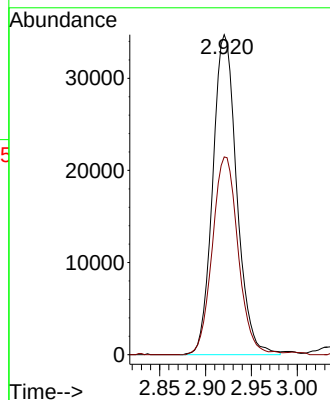
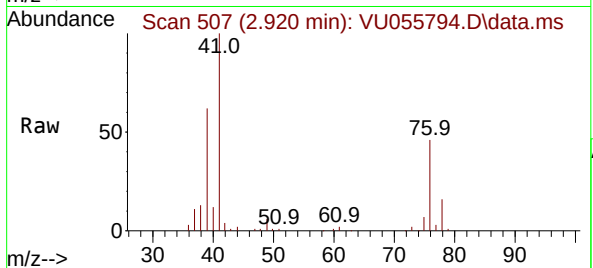
39 66.4 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#12

Acrylonitrile

Concen: 4.110 ug/l

RT: 3.325 min Scan# 633

Delta R.T. 0.009 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

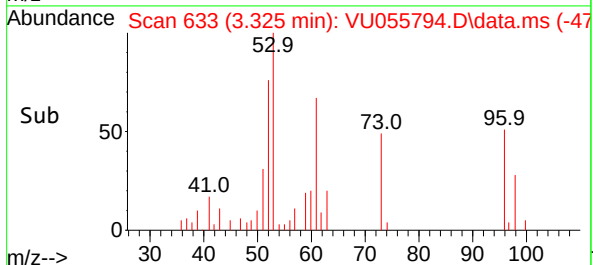
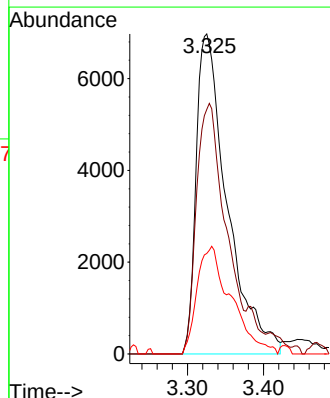
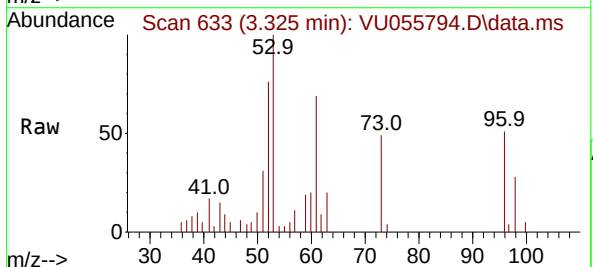
Tgt Ion: 53 Resp: 19713

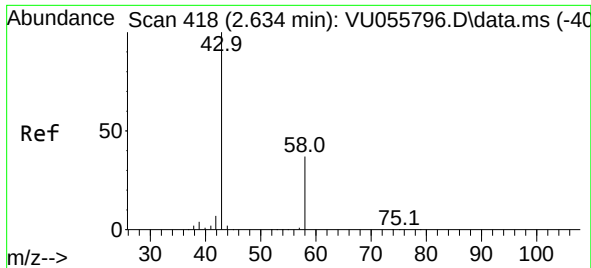
Ion Ratio Lower Upper

53 100

52 72.9 62.9 94.3

51 37.0 27.8 41.6





#13

Acetone

Concen: 10.277 ug/l

RT: 2.637 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 105160

Ion Ratio Lower Upper

43 100

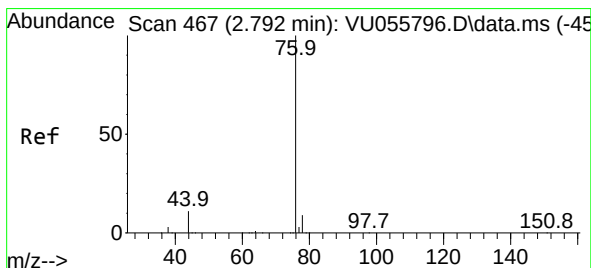
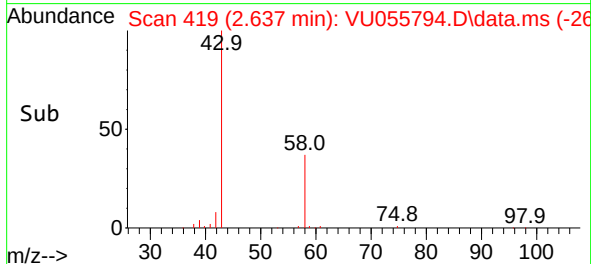
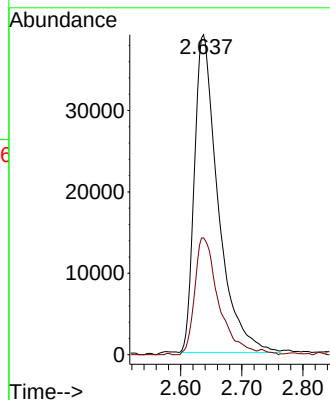
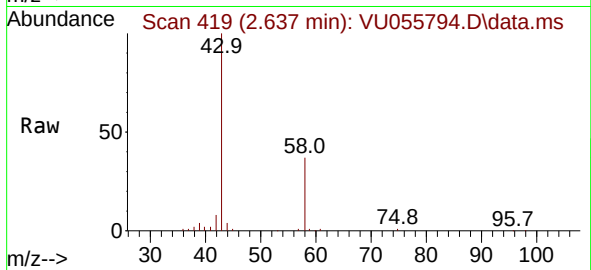
58 36.8 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#14

Carbon Disulfide

Concen: 1.942 ug/l

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055794.D

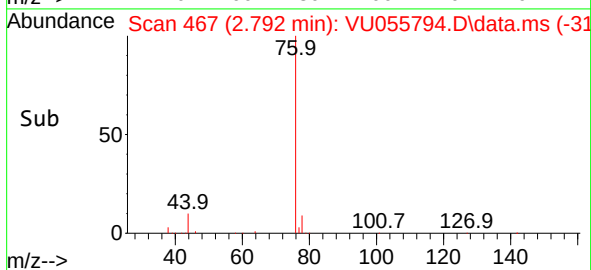
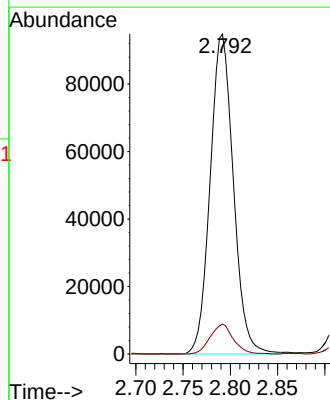
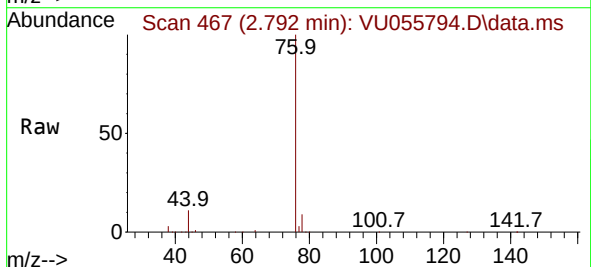
Acq: 18 Oct 2023 10:26

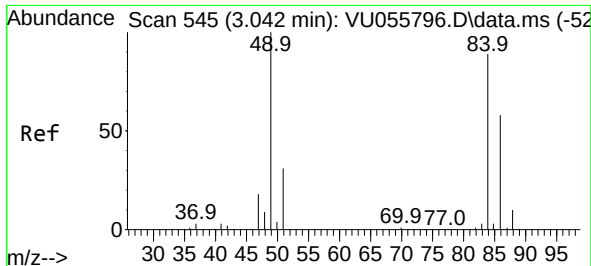
Tgt Ion: 76 Resp: 161791

Ion Ratio Lower Upper

76 100

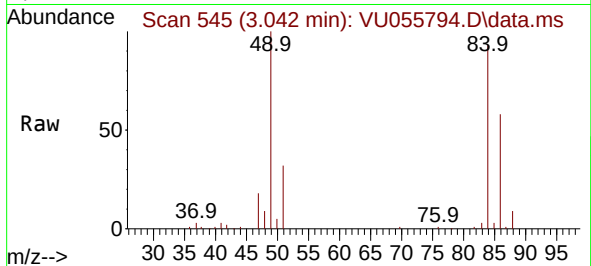
78 9.3 7.4 11.0





#15
Methylene Chloride
Concen: 2.102 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

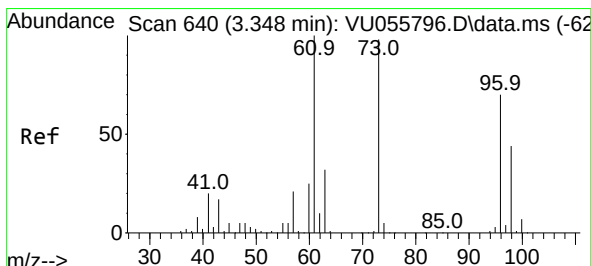
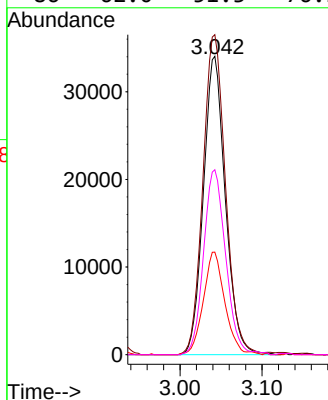
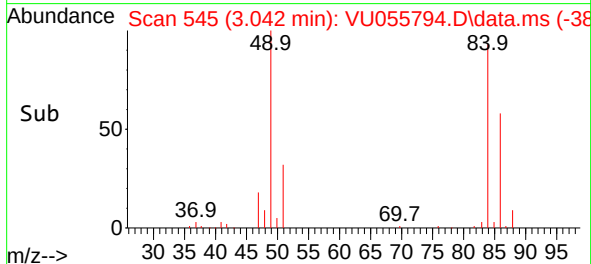
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 84 Resp: 63292
Ion Ratio Lower Upper
84 100
49 107.2 98.9 148.3
51 34.4 0.0 75.4
86 62.0 51.3 76.9

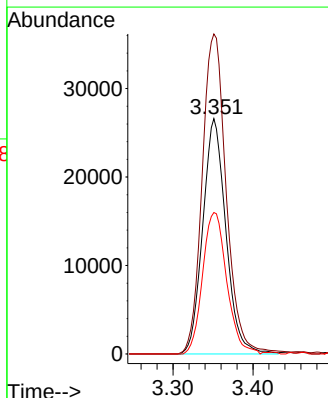
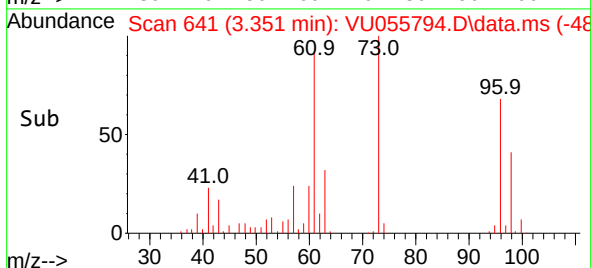
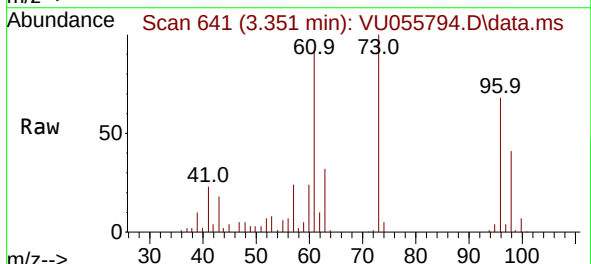
Manual Integrations
APPROVED

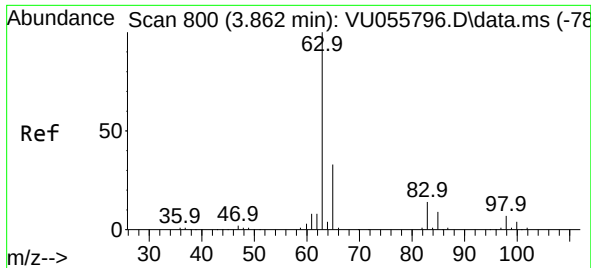
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
trans-1,2-Dichloroethene
Concen: 1.980 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 96 Resp: 53558
Ion Ratio Lower Upper
96 100
61 135.9 117.5 176.3
98 62.1 48.3 72.5





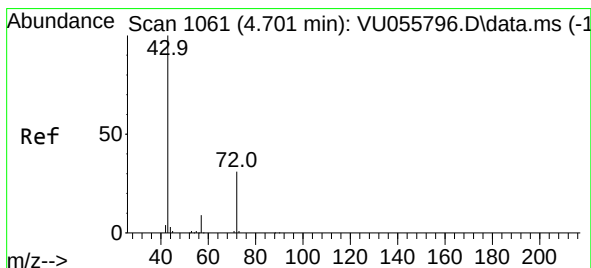
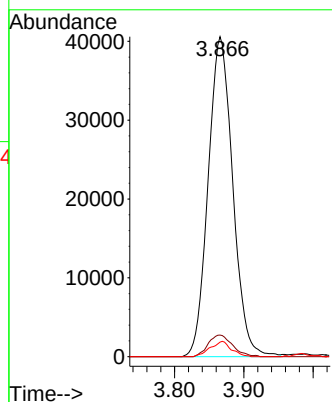
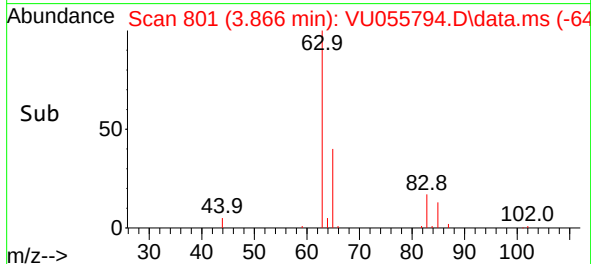
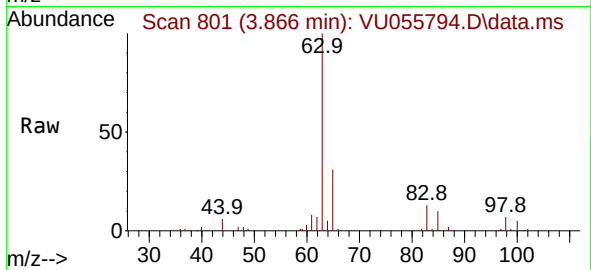
#17
1,1-Dichloroethane
Concen: 1.990 ug/l
RT: 3.866 min Scan# 800
Delta R.T. 0.004 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC002

Tgt Ion: 63 Resp: 100120
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.1
100 4.5 2.2 6.6

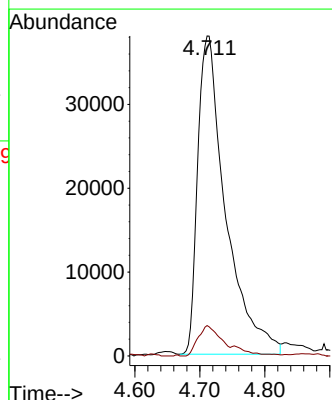
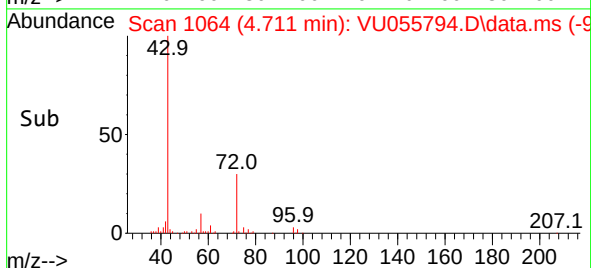
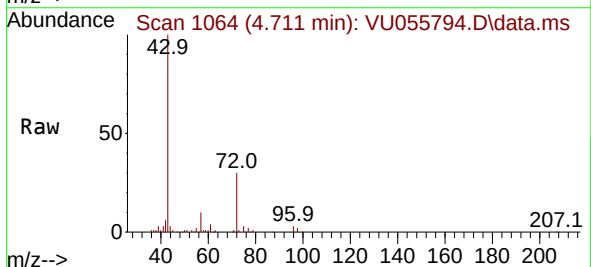
Manual Integrations
APPROVED

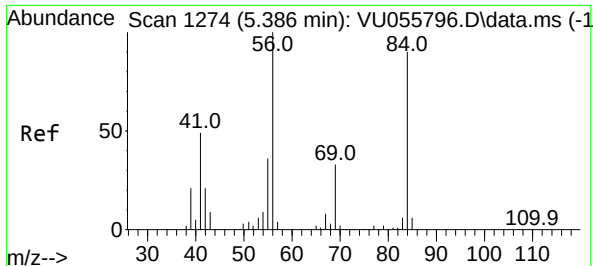
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#18
2-Butanone
Concen: 10.308 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 43 Resp: 113653
Ion Ratio Lower Upper
43 100
57 9.6 0.0 19.6





#19

Cyclohexane

Concen: 2.121 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 56 Resp: 8072

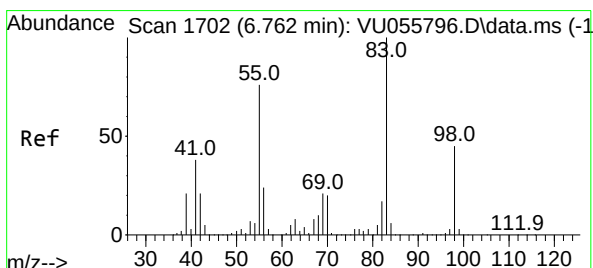
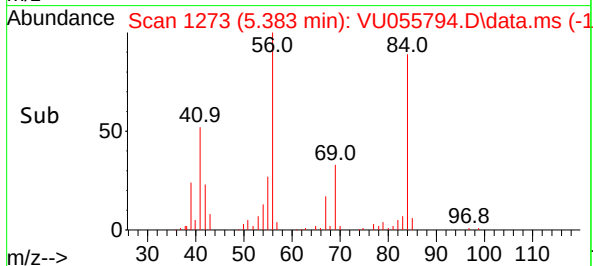
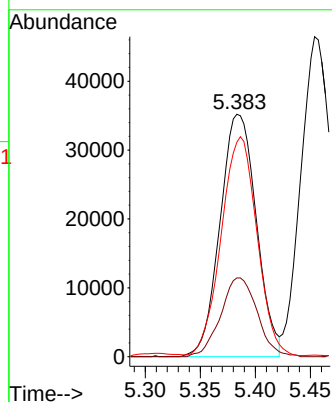
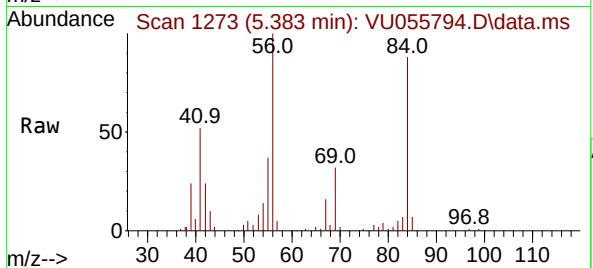
Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.6	37.0
84	88.3	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#20

Methylcyclohexane

Concen: 1.866 ug/l

RT: 6.759 min Scan# 1701

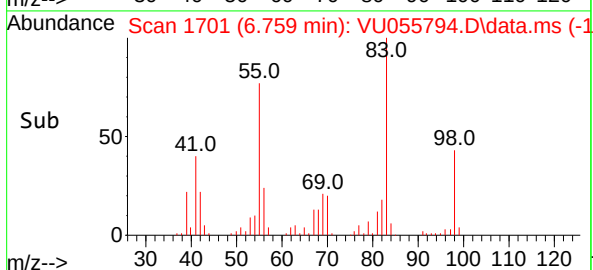
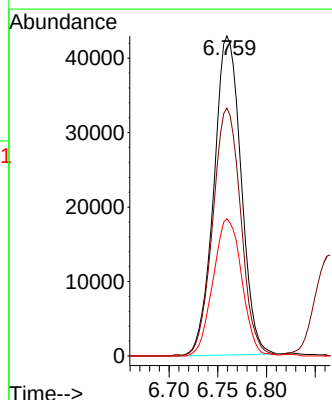
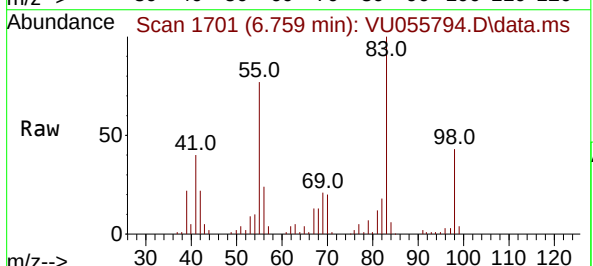
Delta R.T. -0.003 min

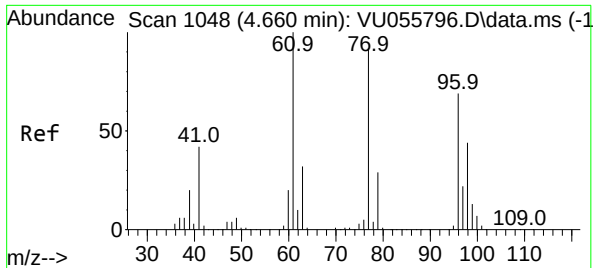
Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Tgt Ion: 83 Resp: 83217

Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.5	95.3
98	44.8	36.0	54.0





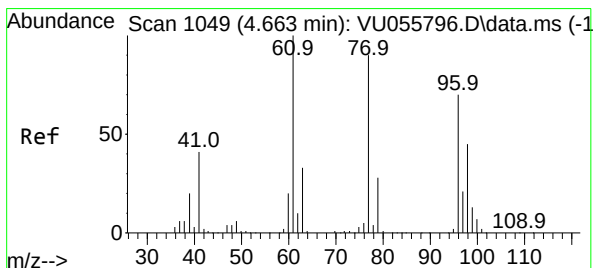
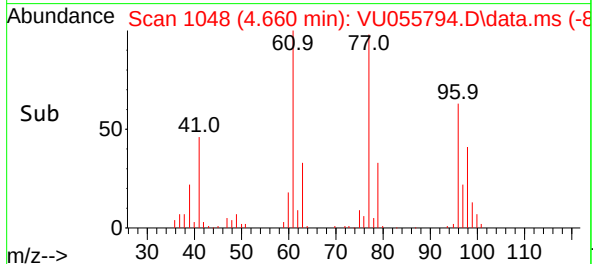
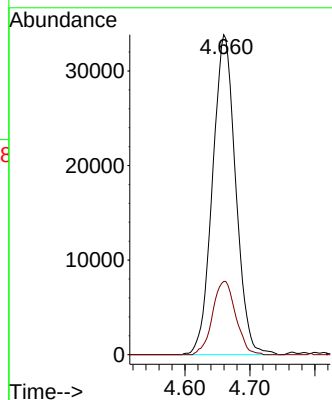
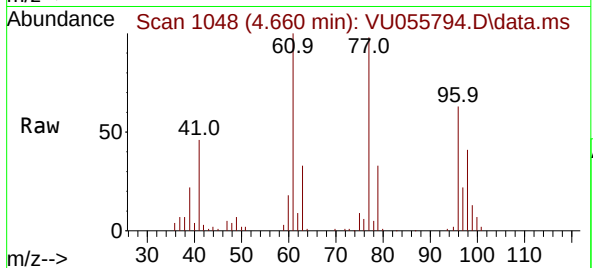
#21
2,2-Dichloropropane
Concen: 1.974 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 77 Resp: 83632
Ion Ratio Lower Upper
77 100
97 22.9 18.4 27.6

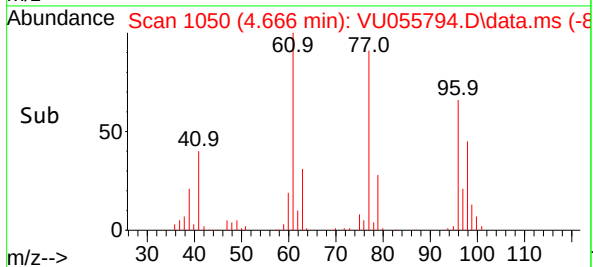
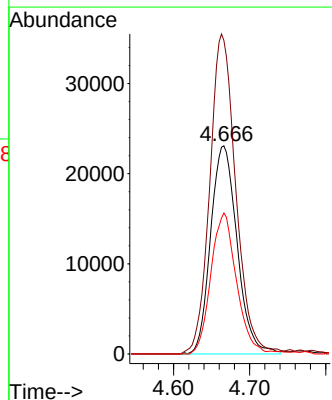
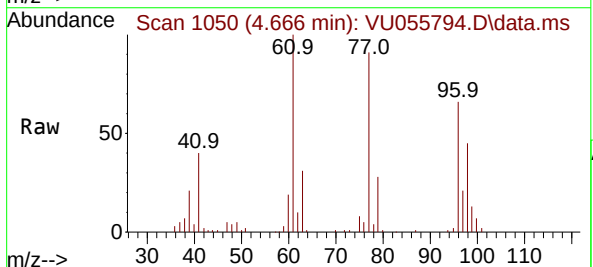
Manual Integrations
APPROVED

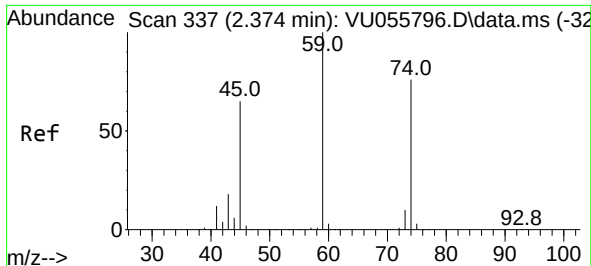
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
cis-1,2-Dichloroethene
Concen: 1.940 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 96 Resp: 55941
Ion Ratio Lower Upper
96 100
61 150.6 0.0 365.8
98 65.1 32.0 96.0





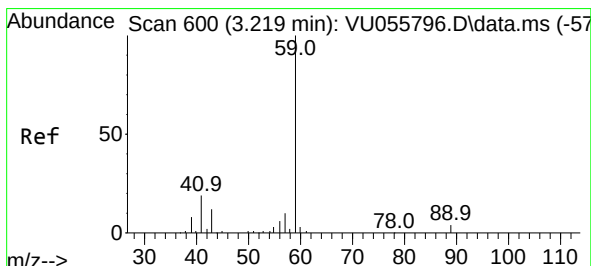
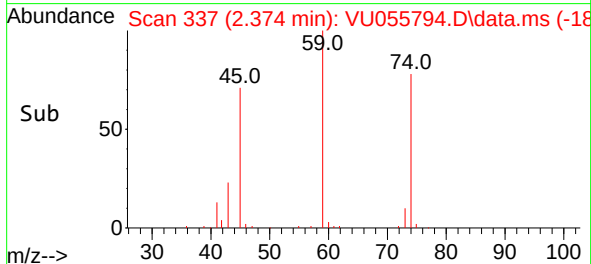
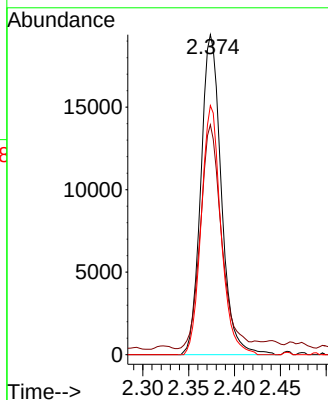
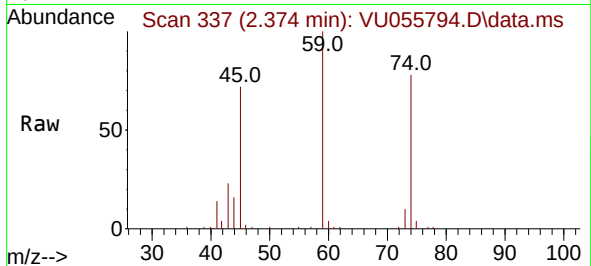
#23
Diethyl Ether
Concen: 1.972 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 3009
Ion Ratio Lower Upper
59 100
45 71.7 56.1 84.1
74 74.8 57.4 86.2

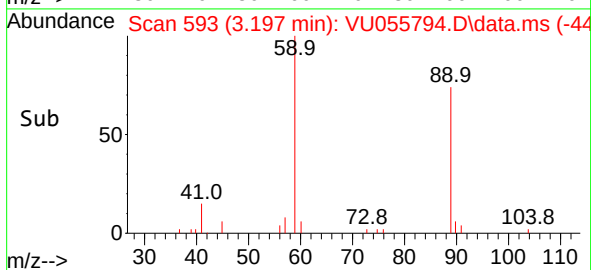
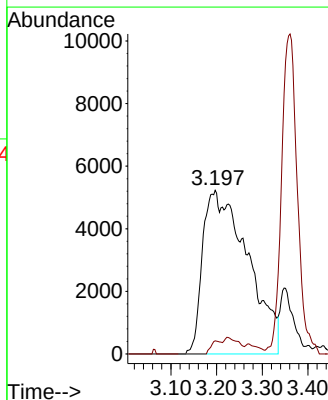
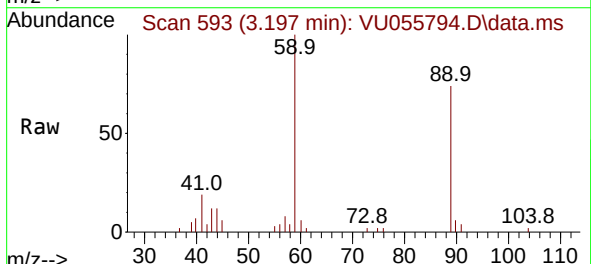
Manual Integrations
APPROVED

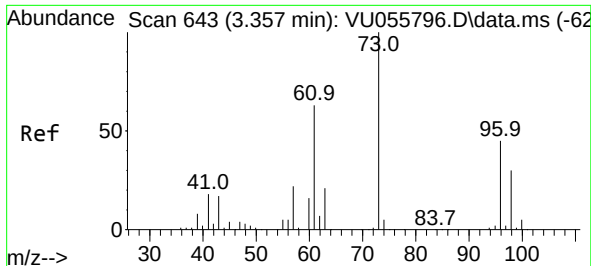
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#24
tert-Butyl Alcohol
Concen: 23.532 ug/l m
RT: 3.197 min Scan# 593
Delta R.T. -0.022 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

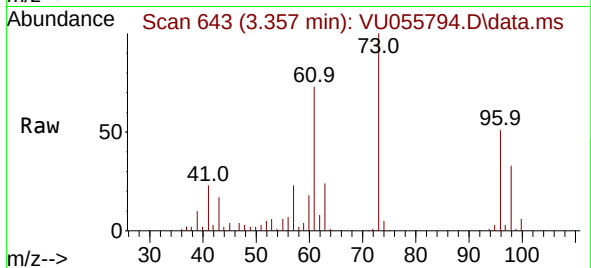
Tgt Ion: 59 Resp: 35676
Ion Ratio Lower Upper
59 100
57 3.3 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.934 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

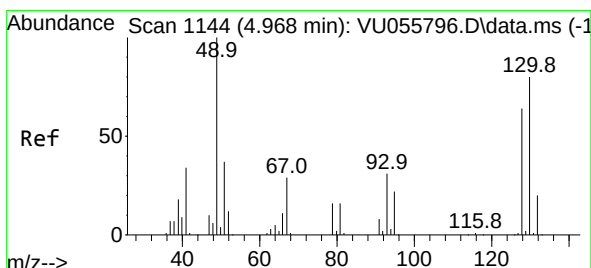
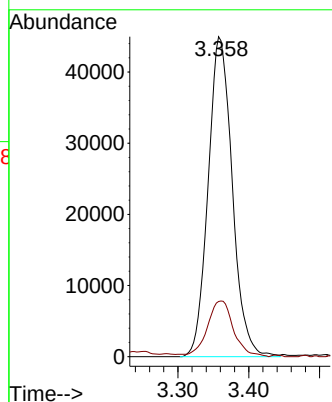
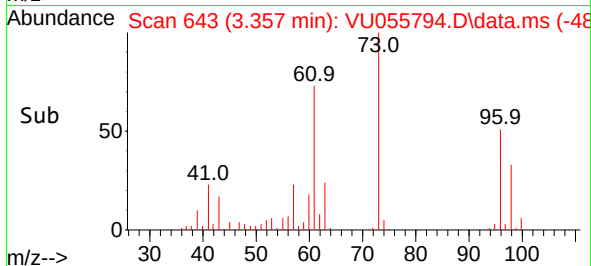
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



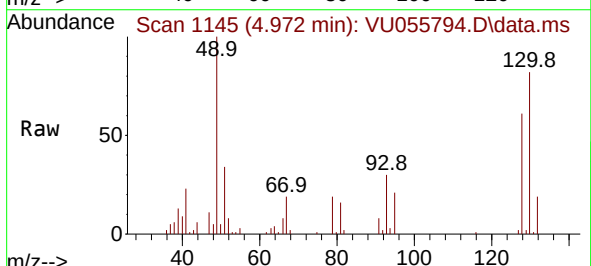
Tgt Ion: 73 Resp: 106230
Ion Ratio Lower Upper
73 100
43 18.9 15.0 22.6

Manual Integrations
APPROVED

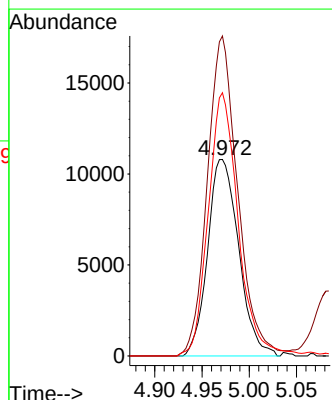
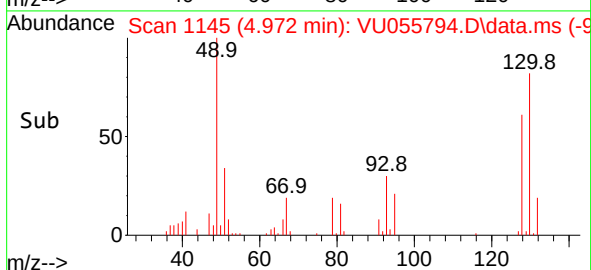
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

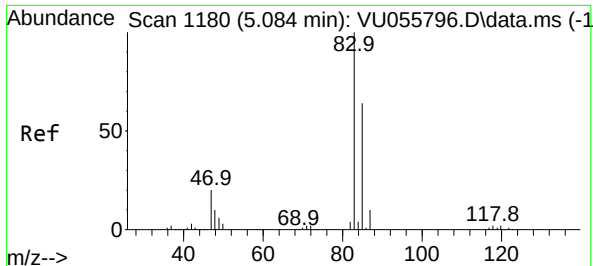


#26
Bromochloromethane
Concen: 2.015 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



Tgt Ion:128 Resp: 24633
Ion Ratio Lower Upper
128 100
49 159.2 0.0 324.6
130 129.2 103.0 154.4





#27

Chloroform

Concen: 1.988 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 10265

Ion Ratio Lower Upper

83 100

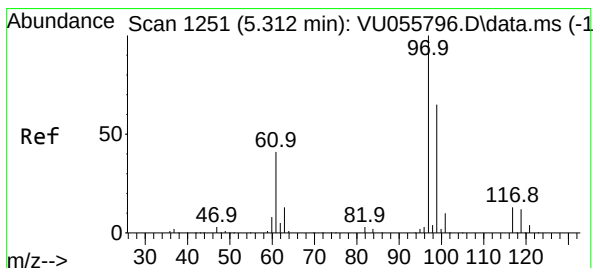
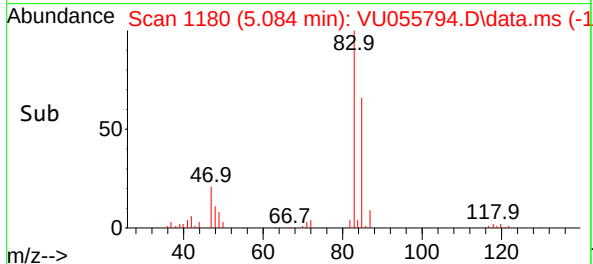
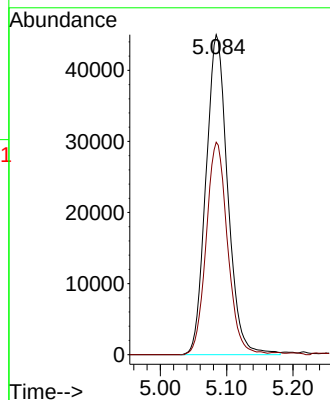
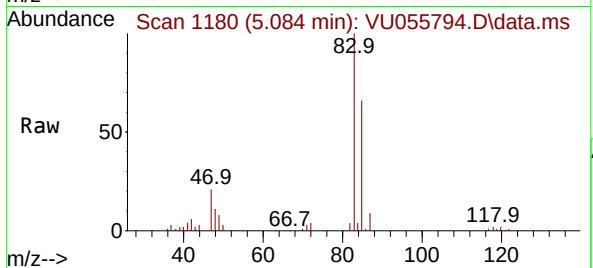
85 66.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#28

1,1,1-Trichloroethane

Concen: 1.981 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

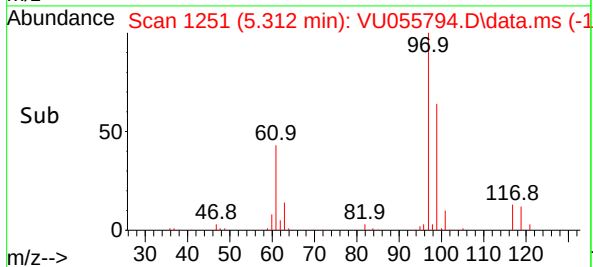
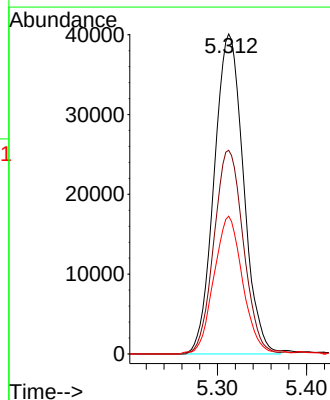
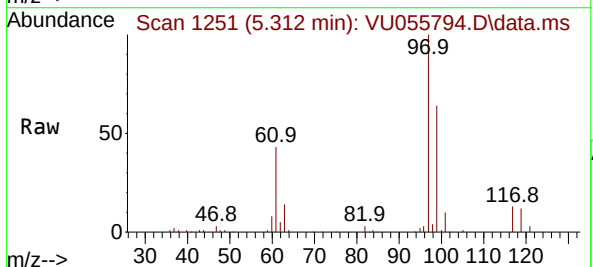
Tgt Ion: 97 Resp: 91662

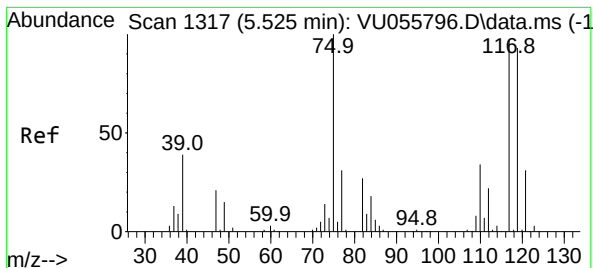
Ion Ratio Lower Upper

97 100

99 63.9 32.0 96.2

61 42.0 22.9 68.5





#29

1,1-Dichloropropene

Concen: 1.928 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 7066

Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

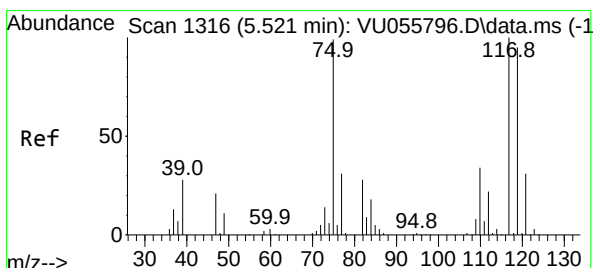
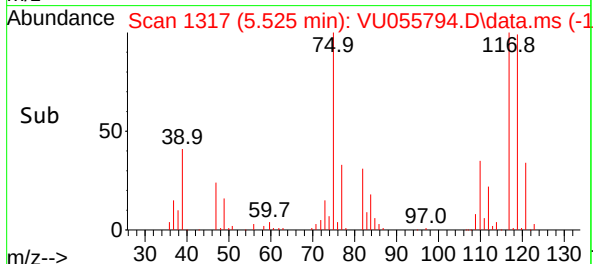
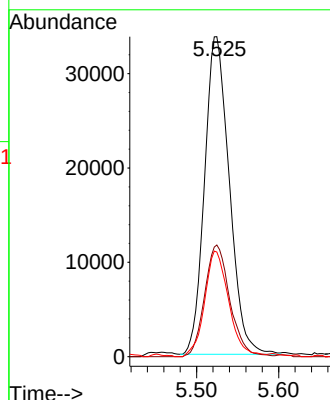
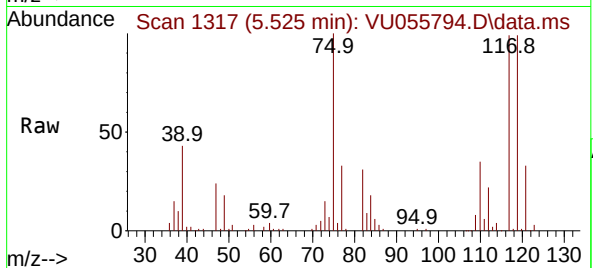
77 32.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#30

Carbon Tetrachloride

Concen: 2.009 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

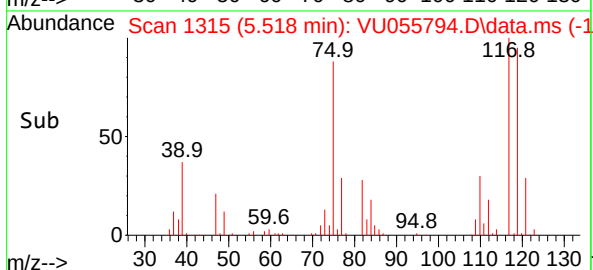
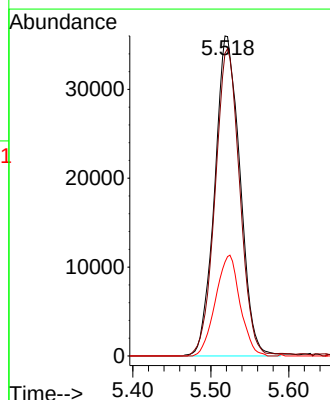
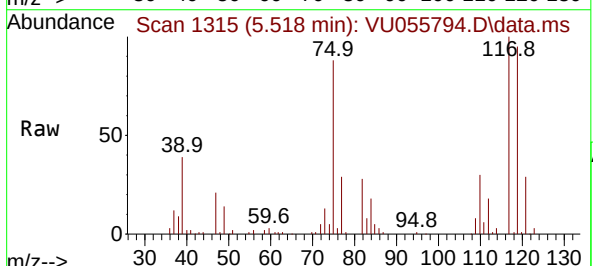
Tgt Ion:117 Resp: 81142

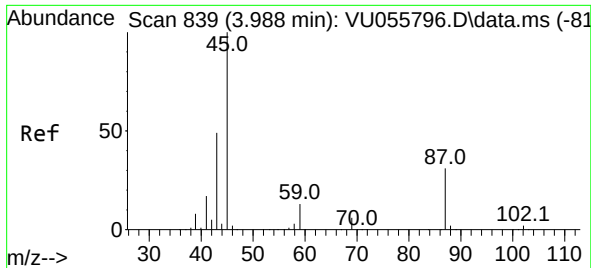
Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.0

121 29.8 24.0 36.0





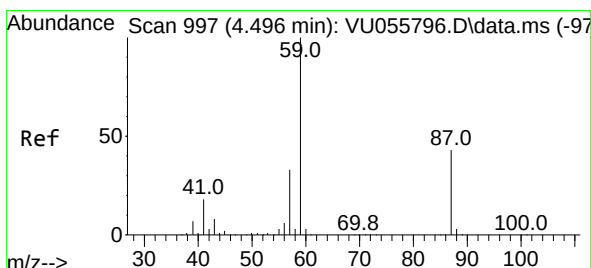
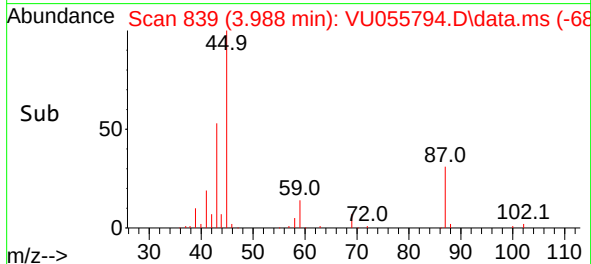
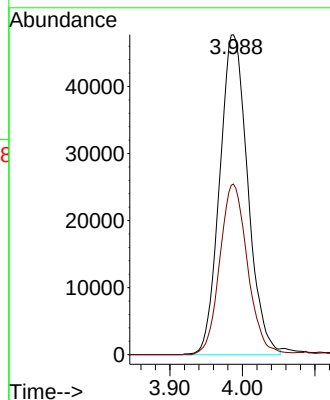
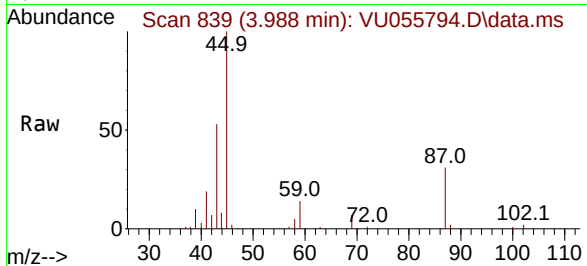
#31
Isopropyl Ether
Concen: 1.897 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 128240
Ion Ratio Lower Upper
45 100
43 52.8 27.5 82.5

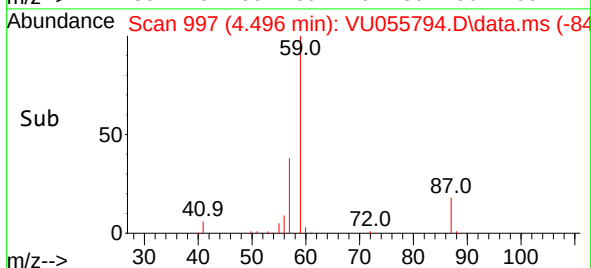
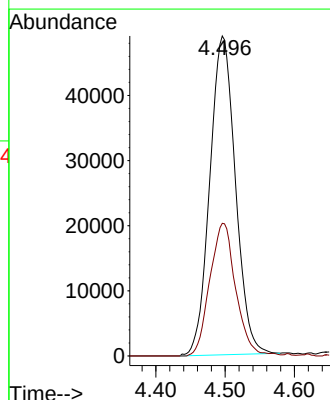
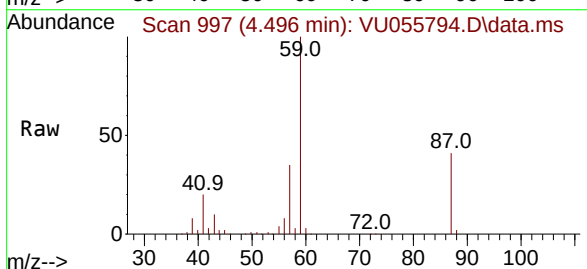
Manual Integrations
APPROVED

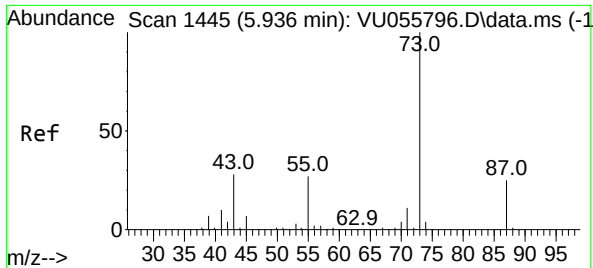
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#32
Ethyl-t-butyl ether
Concen: 1.926 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

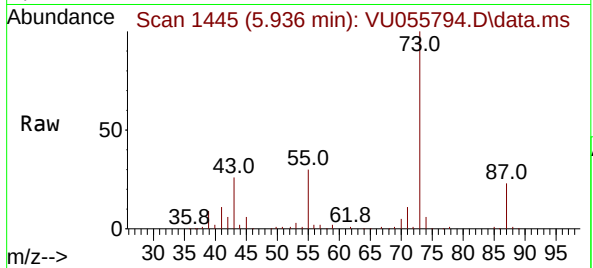
Tgt Ion: 59 Resp: 125687
Ion Ratio Lower Upper
59 100
87 41.6 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.897 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

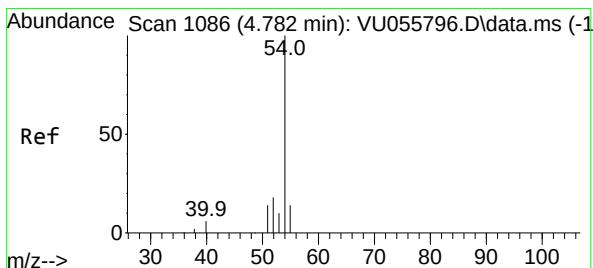
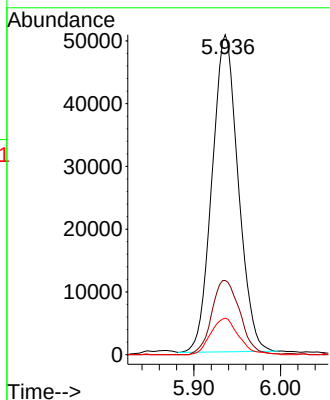
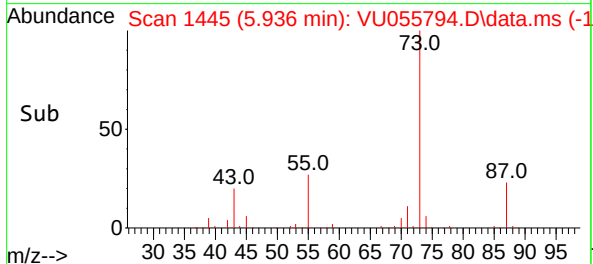
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 73 Resp: 106080
Ion Ratio Lower Upper
73 100
87 24.9 18.6 28.0
71 12.3 9.9 14.9

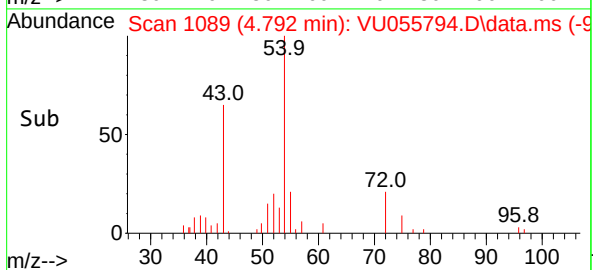
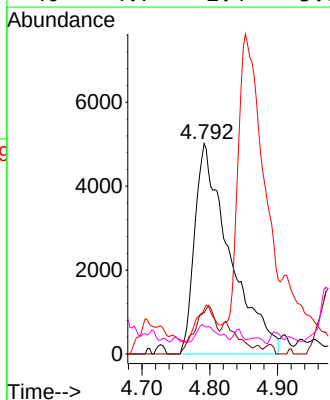
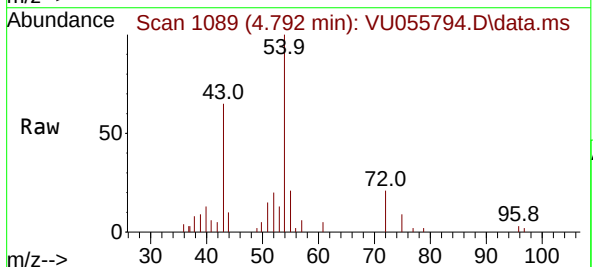
Manual Integrations
APPROVED

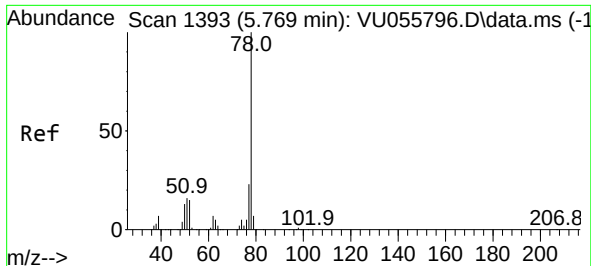
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#34
Propionitrile
Concen: 10.582 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. 0.010 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

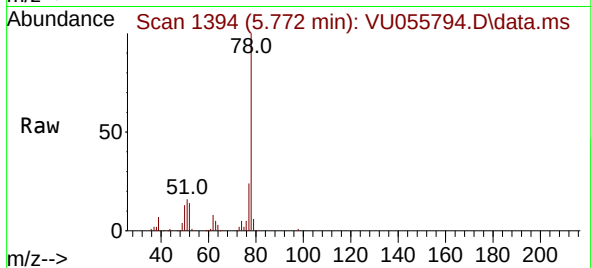
Tgt Ion: 54 Resp: 17951
Ion Ratio Lower Upper
54 100
52 13.2 17.4 26.0#
55 9.2 104.1 156.1#
40 4.7 2.4 3.6#





#35
Benzene
Concen: 1.980 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

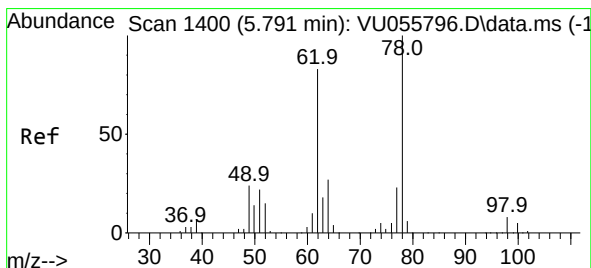
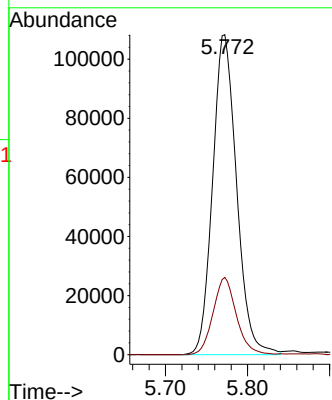
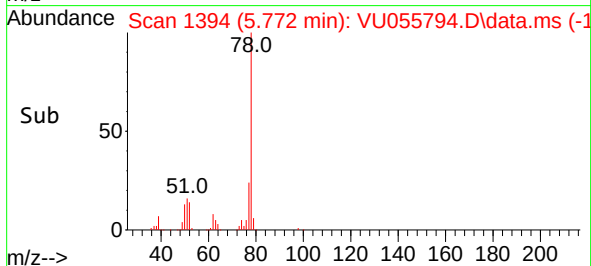
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 78 Resp: 21990
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

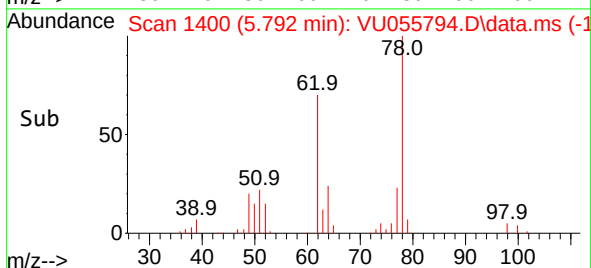
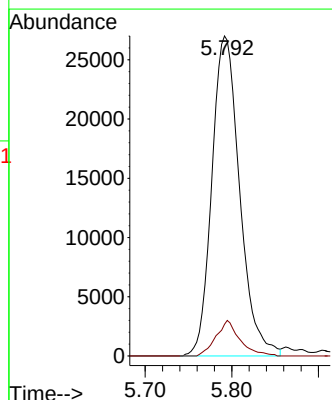
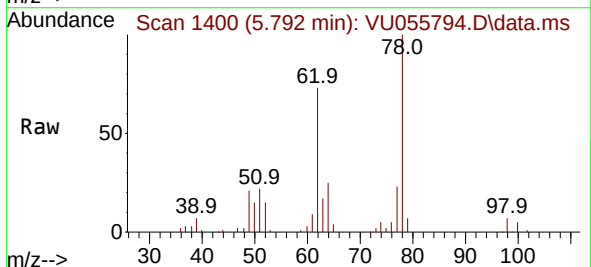
Manual Integrations
APPROVED

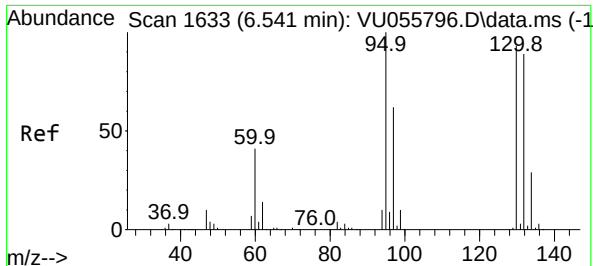
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#36
1,2-Dichloroethane
Concen: 1.999 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 62 Resp: 60280
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37

Trichloroethene

Concen: 1.960 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:130 Resp: 5662

Ion Ratio Lower Upper

130 100

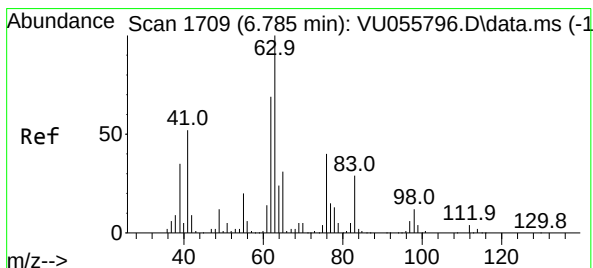
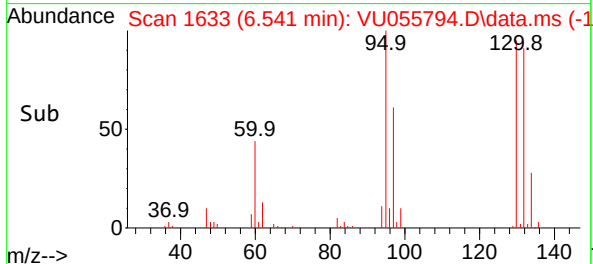
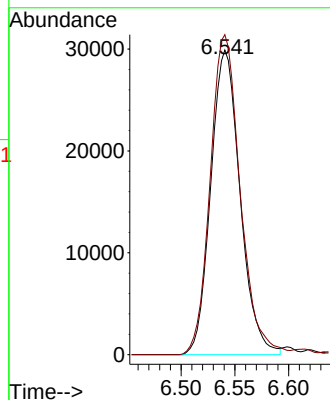
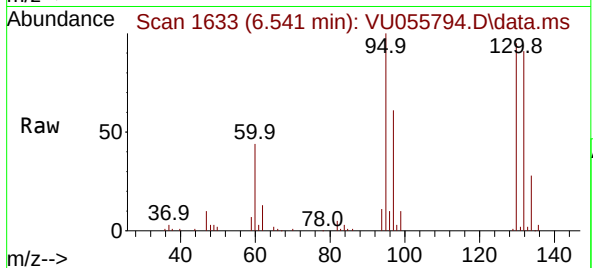
95 105.1 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

1,2-Dichloropropane

Concen: 2.070 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU055794.D

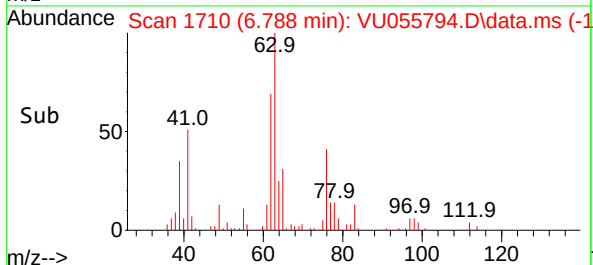
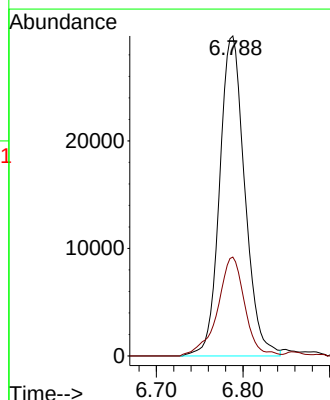
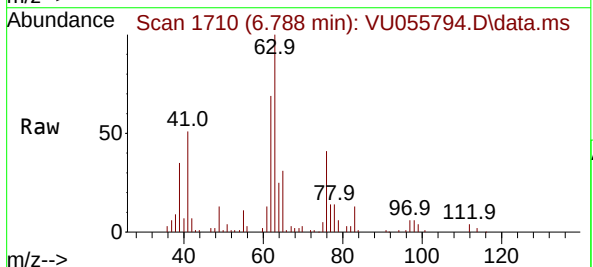
Acq: 18 Oct 2023 10:26

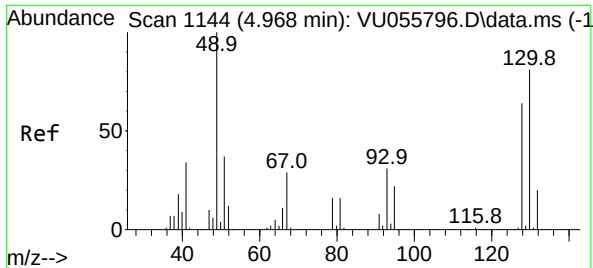
Tgt Ion: 63 Resp: 60027

Ion Ratio Lower Upper

63 100

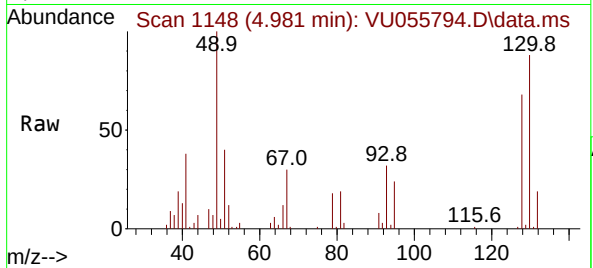
65 30.9 24.9 37.3





#39
Methacrylonitrile
Concen: 1.932 ug/l
RT: 4.981 min Scan# 1148
Delta R.T. 0.013 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

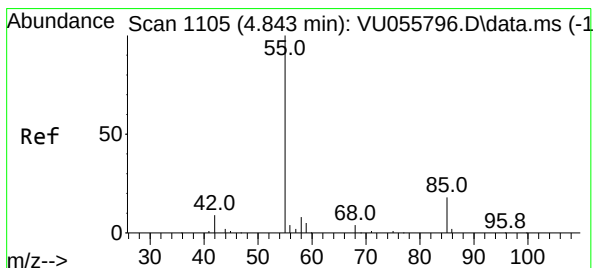
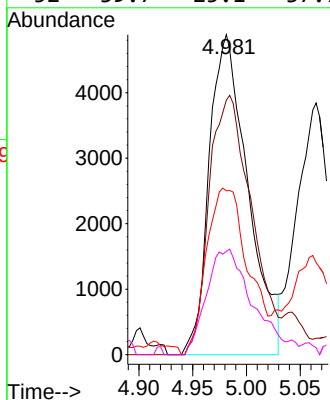
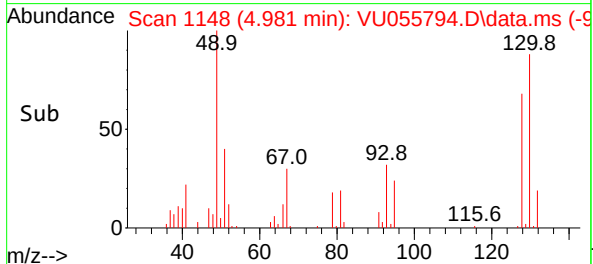
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



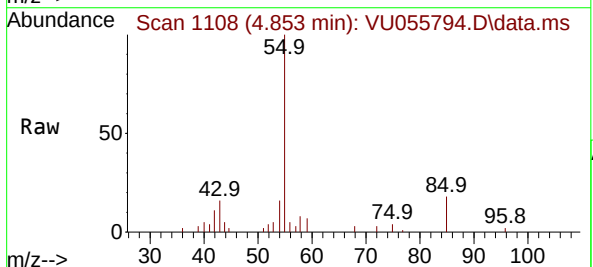
Tgt Ion: 41 Resp: 1225
Ion Ratio Lower Upper
41 100
67 89.3 66.8 100.2
39 56.7 41.2 61.8
52 39.7 25.1 37.7#

Manual Integrations
APPROVED

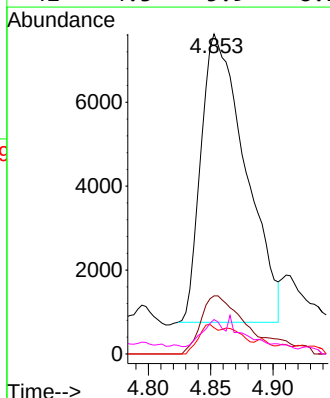
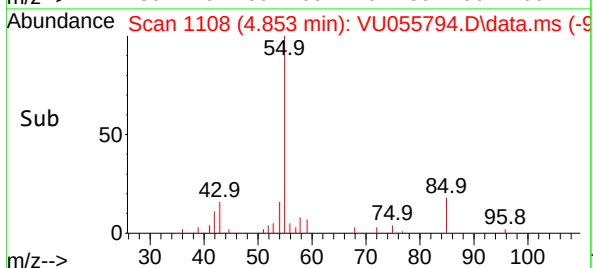
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

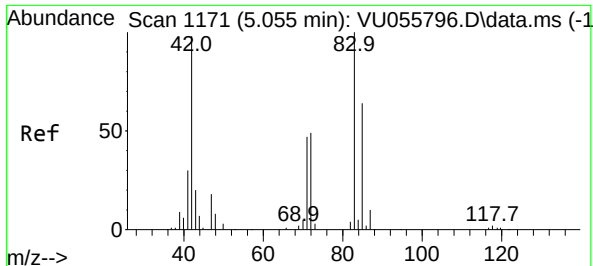


#40
Methyl acrylate
Concen: 1.625 ug/l
RT: 4.853 min Scan# 1108
Delta R.T. 0.010 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



Tgt Ion: 55 Resp: 17019
Ion Ratio Lower Upper
55 100
85 22.3 13.3 19.9#
58 4.3 6.5 9.7#
42 4.3 5.9 8.9#





#41

Tetrahydrofuran

Concen: 4.203 ug/l

RT: 5.062 min Scan# 1171

Delta R.T. 0.007 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

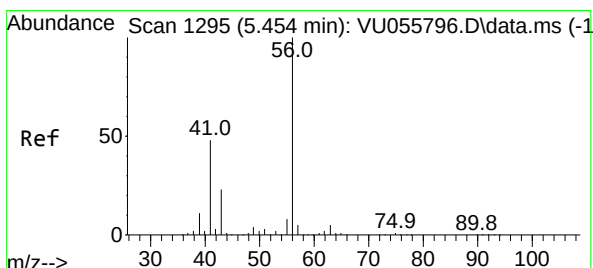
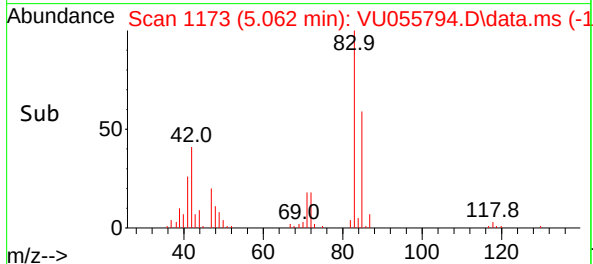
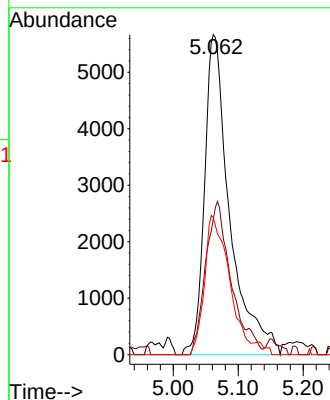
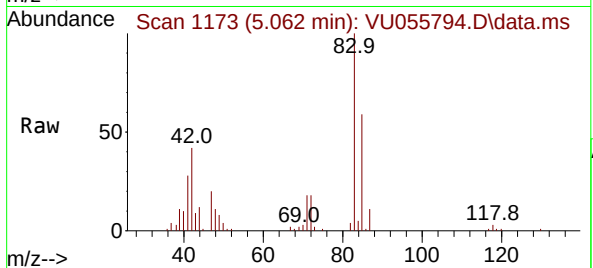
Tgt Ion:	42	Resp:	1530
Ion Ratio	Lower	Upper	
42	100		
72	48.7	40.9	61.3
71	42.6	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#42

1-Chlorobutane

Concen: 1.920 ug/l

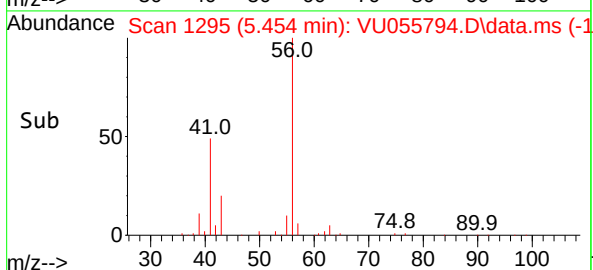
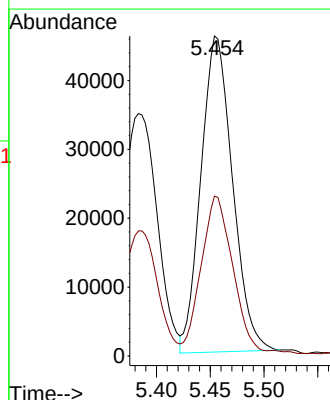
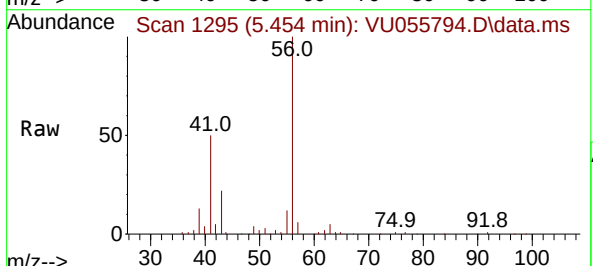
RT: 5.454 min Scan# 1295

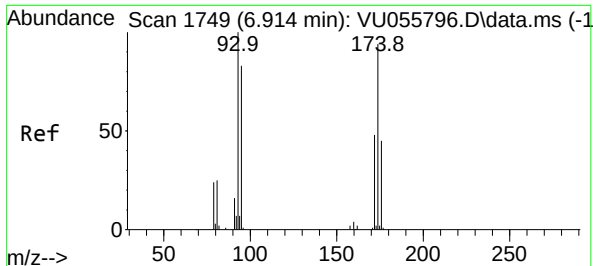
Delta R.T. -0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

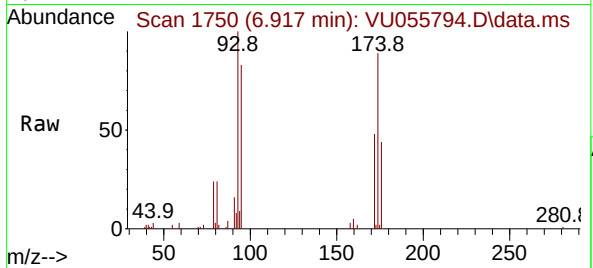
Tgt Ion:	56	Resp:	93821
Ion Ratio	Lower	Upper	
56	100		
41	48.3	25.2	75.6





#43
Dibromomethane
Concen: 2.040 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

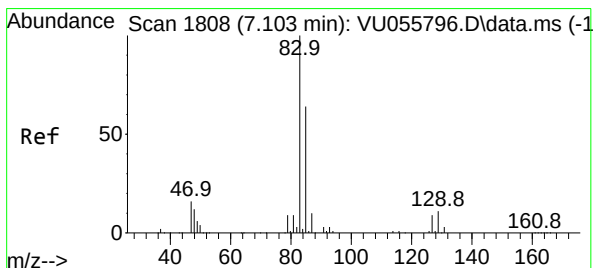
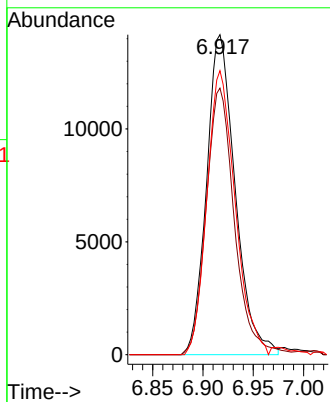
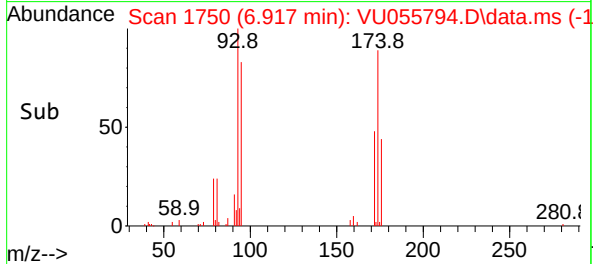
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 93	Resp: 28119
Ion Ratio	Lower Upper
93	100
95	81.8 67.0 100.6
174	87.2 73.8 110.6

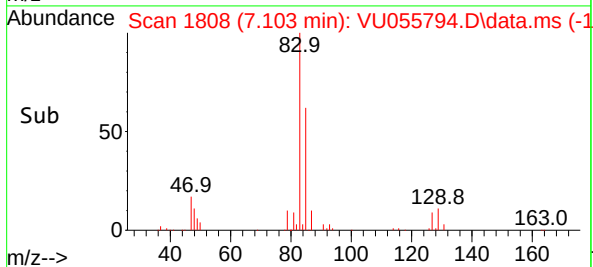
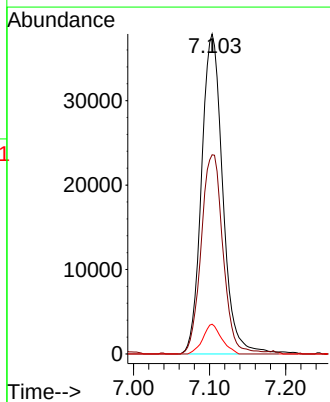
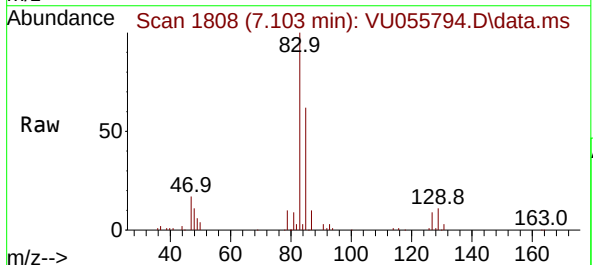
Manual Integrations
APPROVED

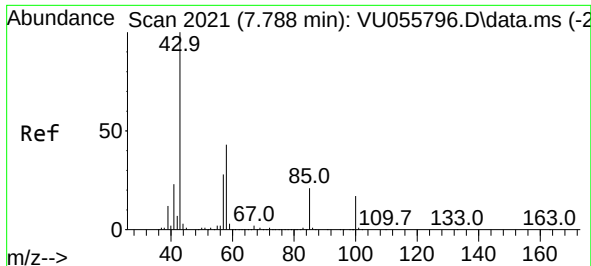
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#44
Bromodichloromethane
Concen: 2.016 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 83	Resp: 73439
Ion Ratio	Lower Upper
83	100
85	62.3 51.9 77.9
127	9.3 6.7 10.1





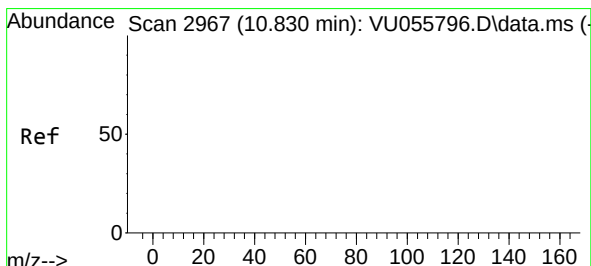
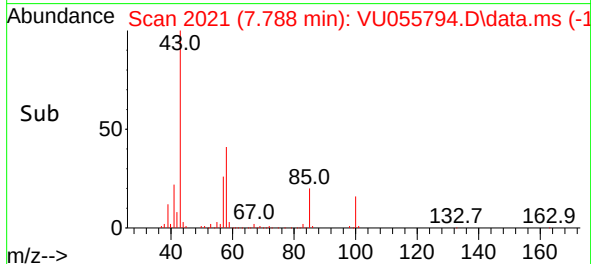
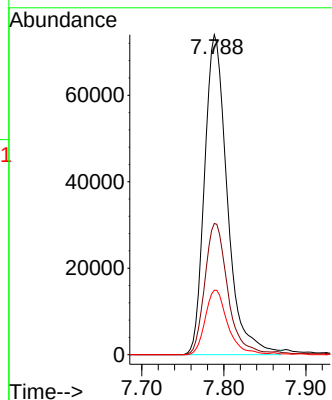
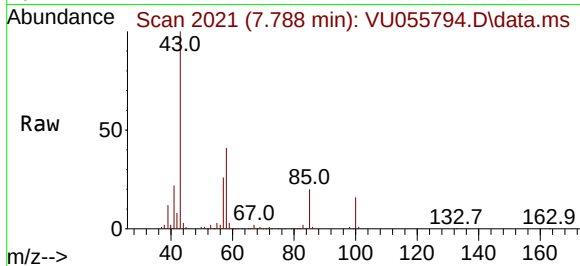
#45
4-Methyl-2-Pentanone
Concen: 10.031 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 142970
Ion Ratio Lower Upper
43 100
58 41.5 20.9 62.8
85 19.8 14.6 21.8

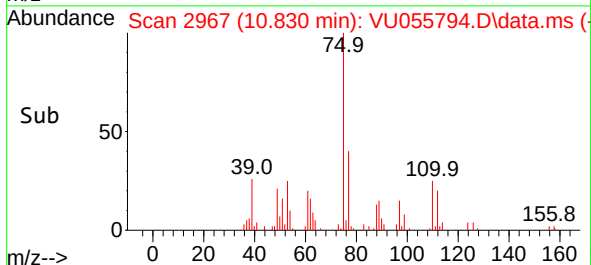
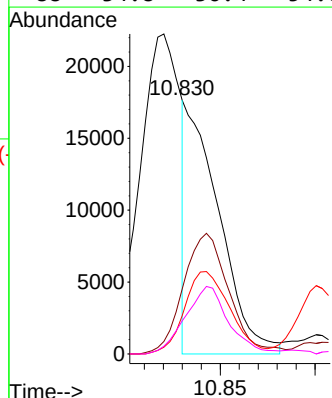
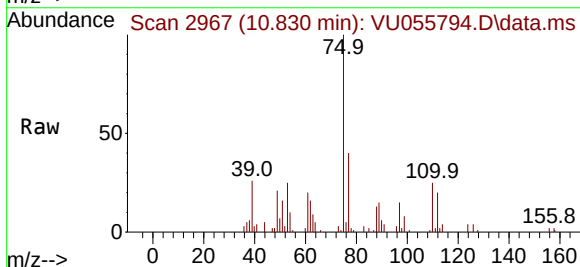
Manual Integrations
APPROVED

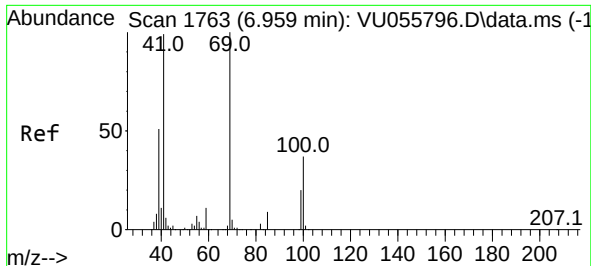
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#46
t-1,4-Dichloro-2-butene
Concen: 4.363 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion: 75 Resp: 21407
Ion Ratio Lower Upper
75 100
53 65.4 73.3 109.9#
89 44.6 48.2 72.4#
88 34.8 36.4 54.6#





#47

Methyl methacrylate

Concen: 3.815 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. -0.000 min

Lab File: VU055794.D

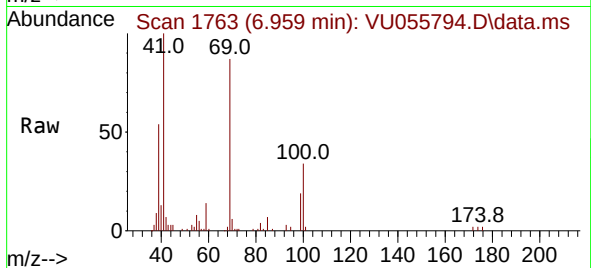
Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002



Tgt Ion: 69 Resp: 43370

Ion Ratio Lower Upper

69 100

41 108.5 0.0 209.2

39 55.3 46.7 70.1

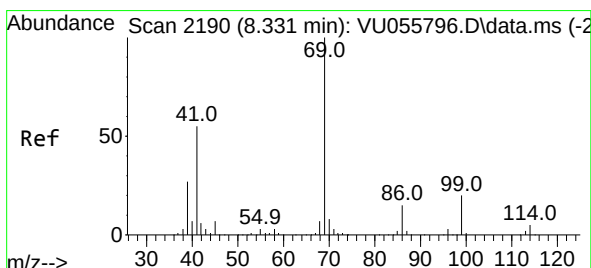
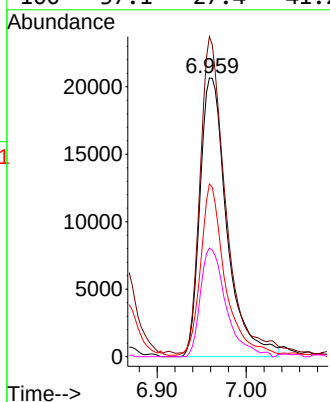
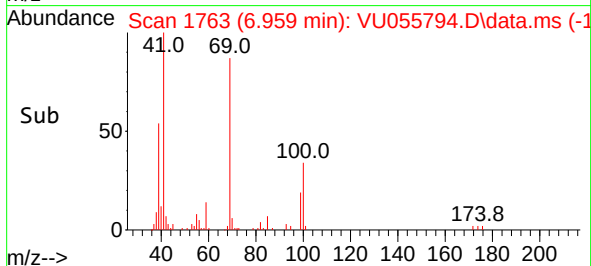
100 37.1 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#48

Ethyl methacrylate

Concen: 1.905 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.001 min

Lab File: VU055794.D

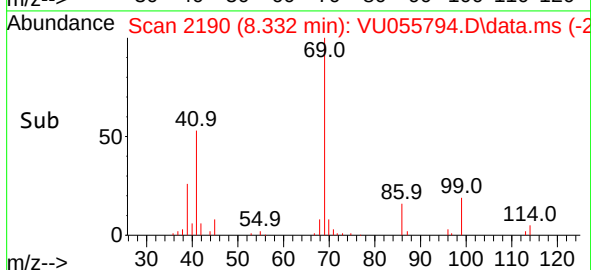
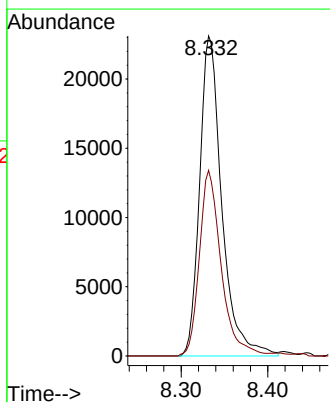
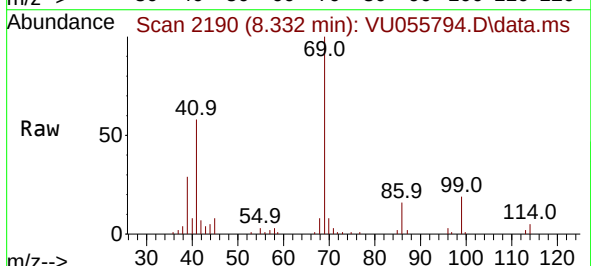
Acq: 18 Oct 2023 10:26

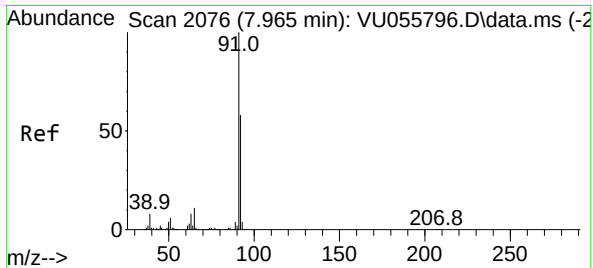
Tgt Ion: 69 Resp: 41115

Ion Ratio Lower Upper

69 100

41 56.9 30.3 90.8





#49

Toluene

Concen: 1.950 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 92 Resp: 12816

Ion Ratio Lower Upper

92 100

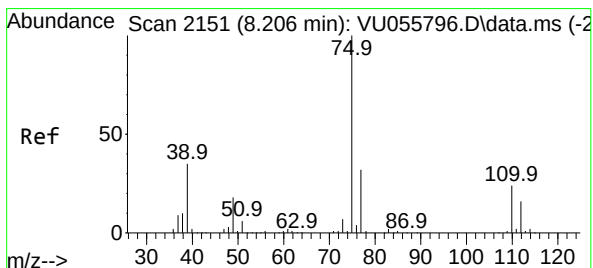
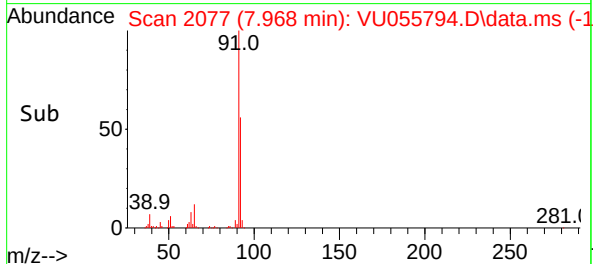
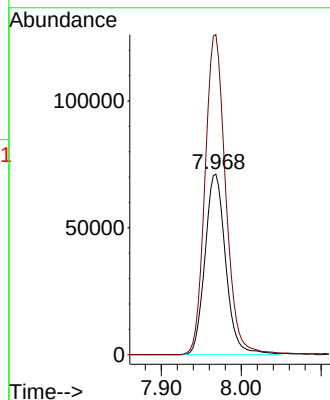
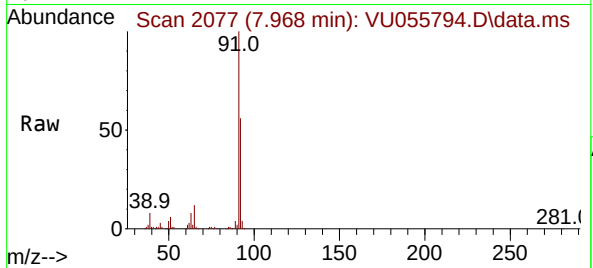
91 178.0 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#50

t-1,3-Dichloropropene

Concen: 1.895 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055794.D

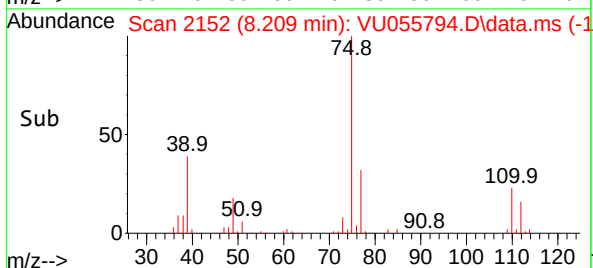
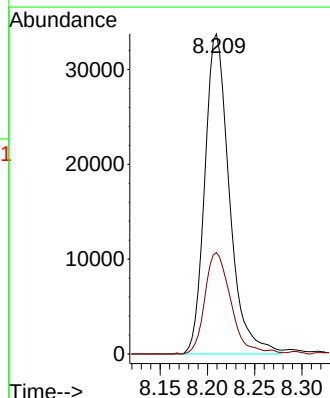
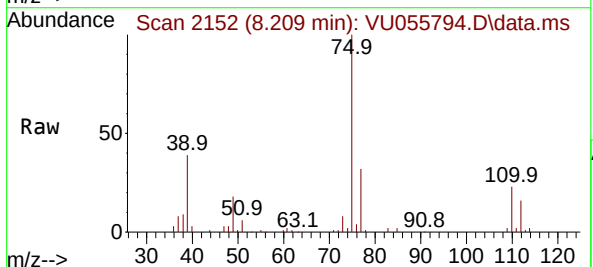
Acq: 18 Oct 2023 10:26

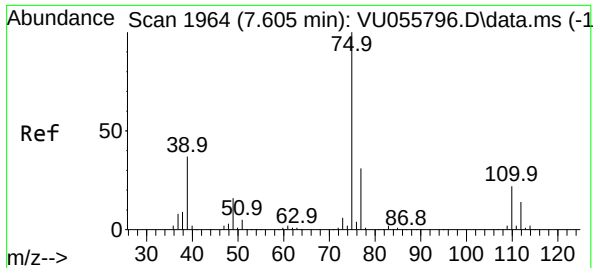
Tgt Ion: 75 Resp: 61085

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.924 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055794.D
 Acq: 18 Oct 2023 10:26

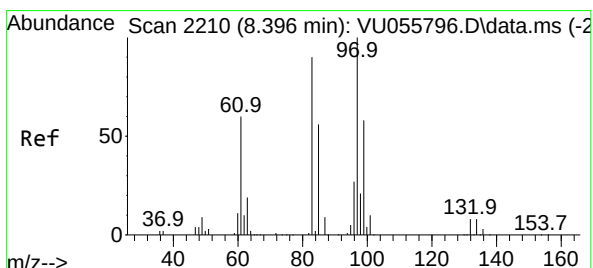
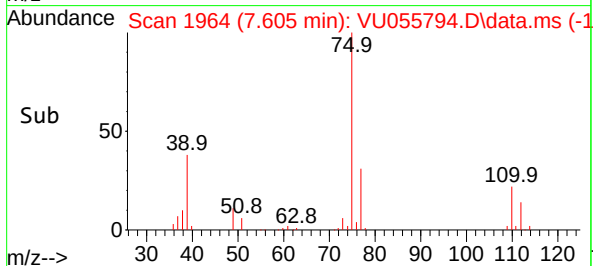
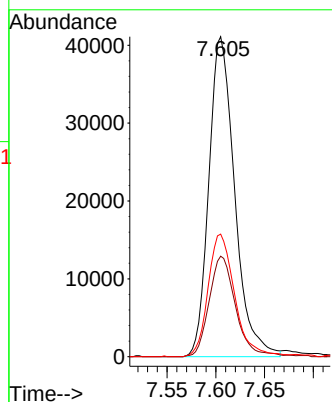
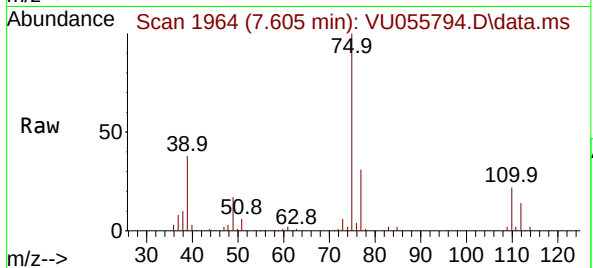
Instrument : MSVOA_U
 ClientSampleId : VSTDIC002

Tgt Ion: 75 Resp: 75890

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	38.3	32.8	49.2

Manual Integrations
 APPROVED

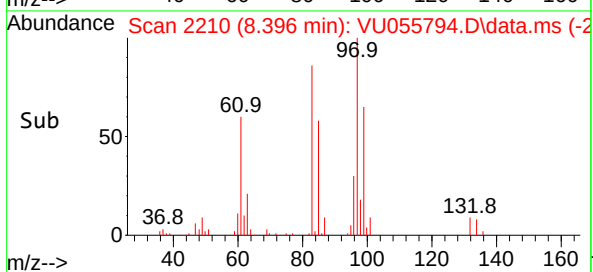
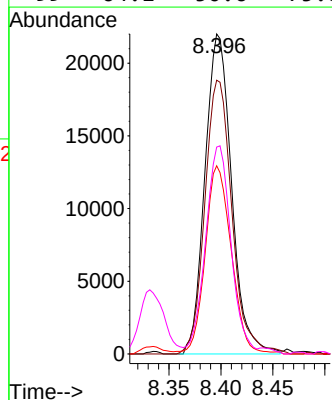
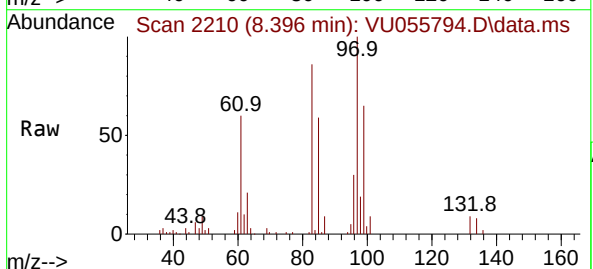
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023

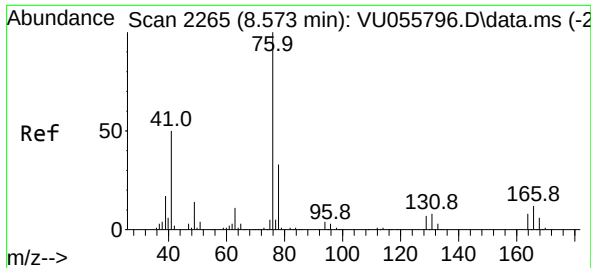


#52
 1,1,2-Trichloroethane
 Concen: 1.996 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU055794.D
 Acq: 18 Oct 2023 10:26

Tgt Ion: 97 Resp: 39283

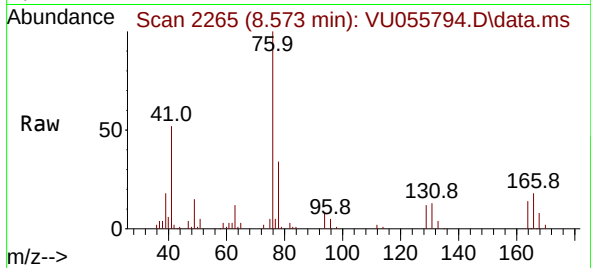
Ion	Ratio	Lower	Upper
97	100		
83	85.1	71.8	107.8
85	58.2	45.2	67.8
99	64.1	50.6	75.8





#53
1,3-Dichloropropane
Concen: 2.012 ug/l
RT: 8.573 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

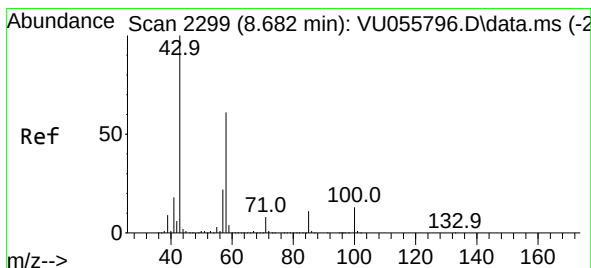
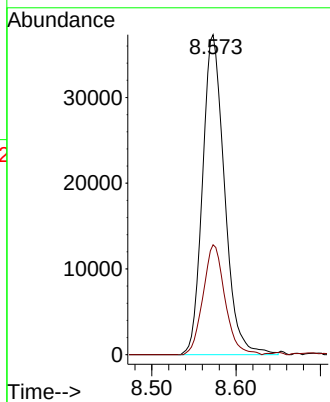
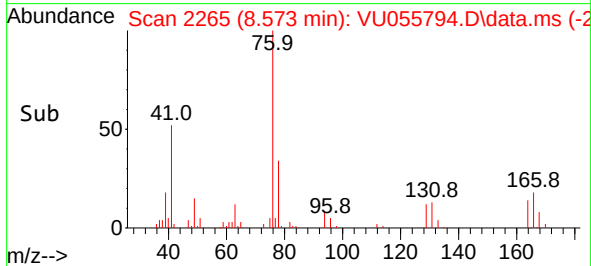
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



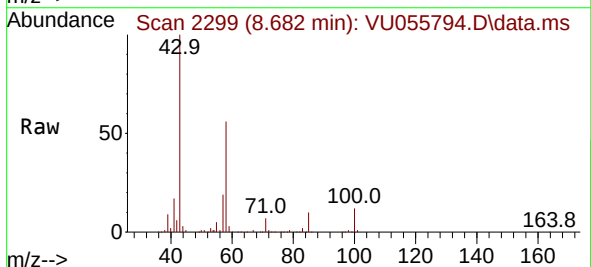
Tgt Ion: 76 Resp: 67684
Ion Ratio Lower Upper
76 100
78 34.2 25.9 38.9

Manual Integrations
APPROVED

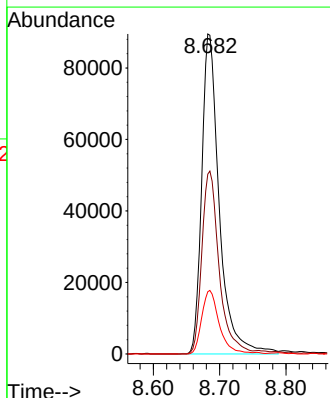
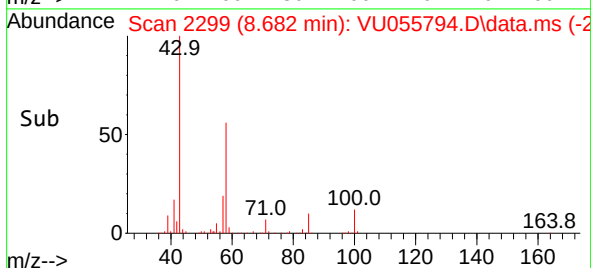
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

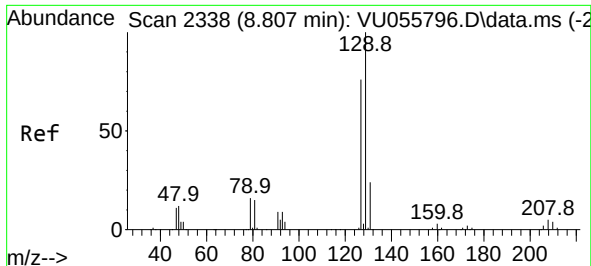


#54
2-Hexanone
Concen: 10.311 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



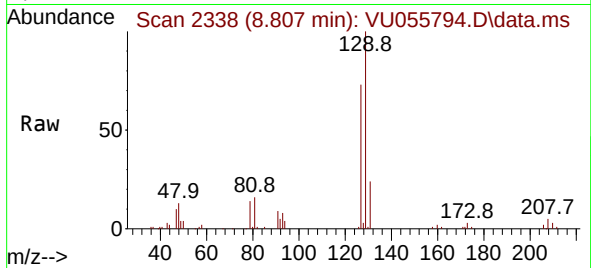
Tgt Ion: 43 Resp: 164638
Ion Ratio Lower Upper
43 100
58 56.1 38.2 78.2
57 19.8 0.0 39.1





#55
Dibromochloromethane
Concen: 2.015 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

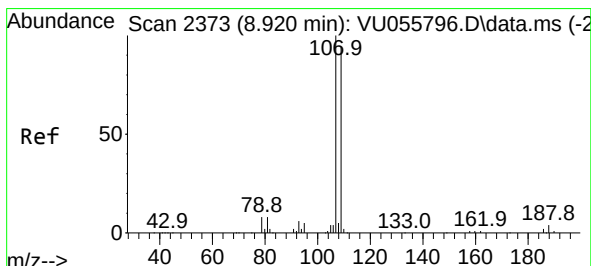
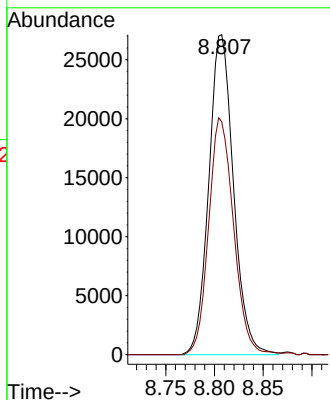
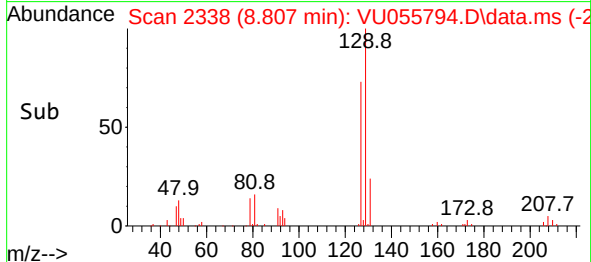
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



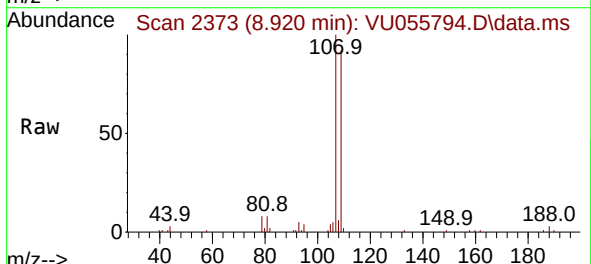
Tgt Ion:129 Resp: 4786
Ion Ratio Lower Upper
129 100
127 74.6 61.4 92.0

Manual Integrations
APPROVED

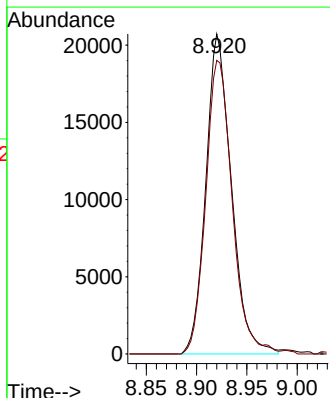
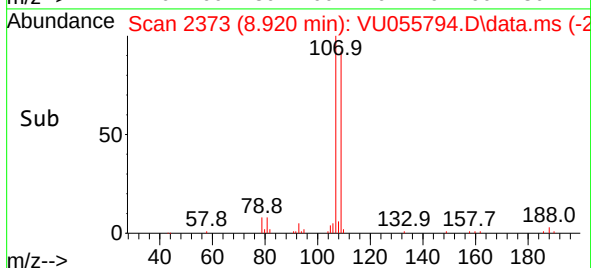
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

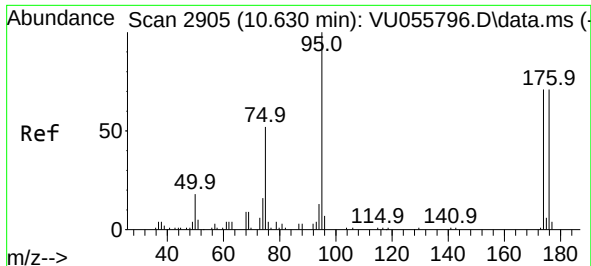


#56
1,2-Dibromoethane
Concen: 2.039 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



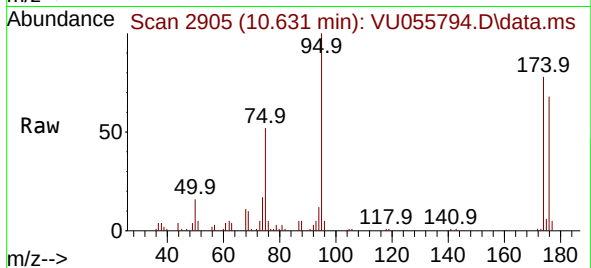
Tgt Ion:107 Resp: 36679
Ion Ratio Lower Upper
107 100
109 94.7 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.000 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

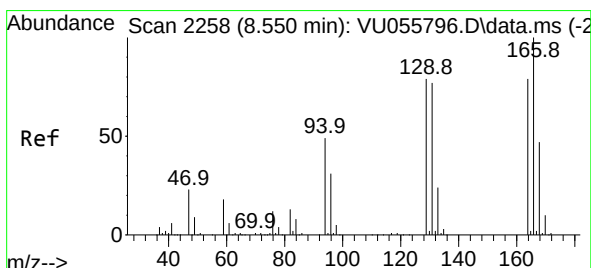
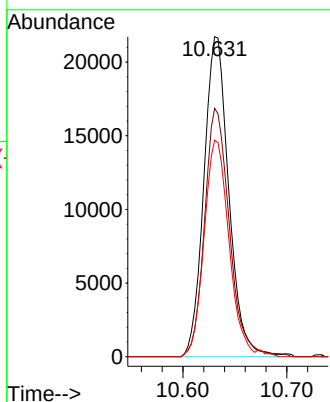
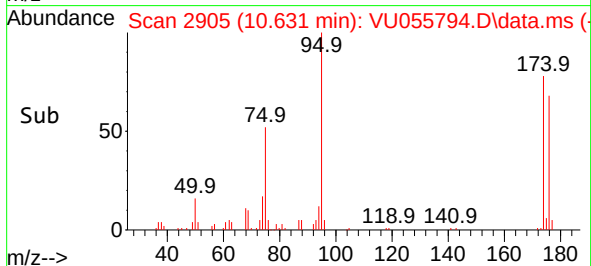
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 95 Resp: 3611
Ion Ratio Lower Upper
95 100
174 77.7 63.3 94.9
176 67.5 59.3 88.9

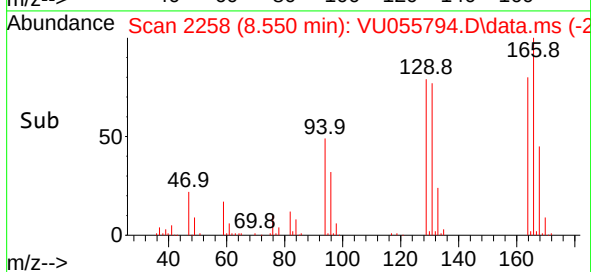
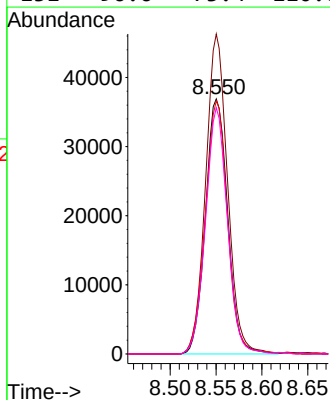
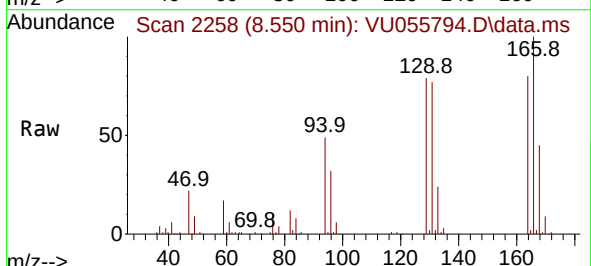
Manual Integrations
APPROVED

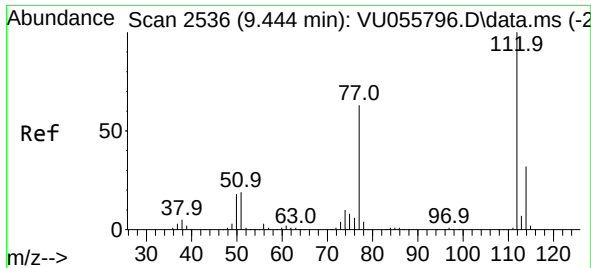
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#58
Tetrachloroethene
Concen: 2.081 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

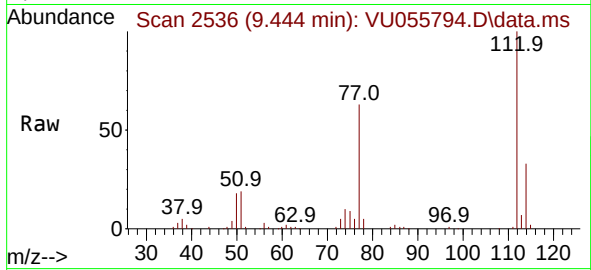
Tgt Ion:164 Resp: 62503
Ion Ratio Lower Upper
164 100
166 125.5 99.6 149.4
129 99.3 78.6 117.8
131 96.6 73.4 110.0





#59
Chlorobenzene
Concen: 1.941 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

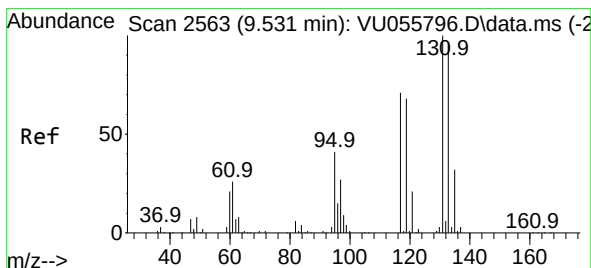
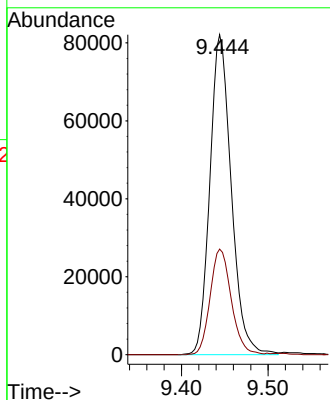
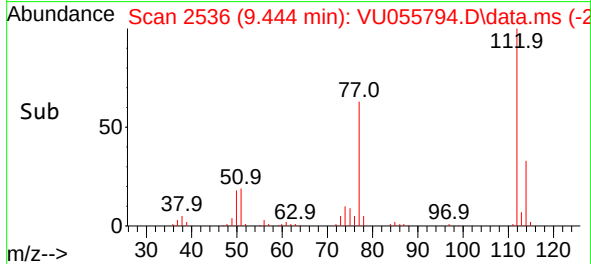
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:112 Resp: 14089
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4

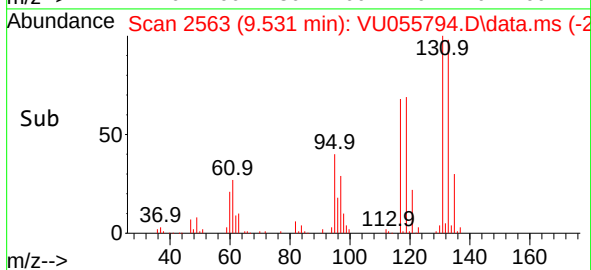
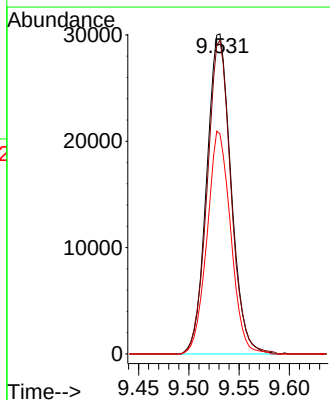
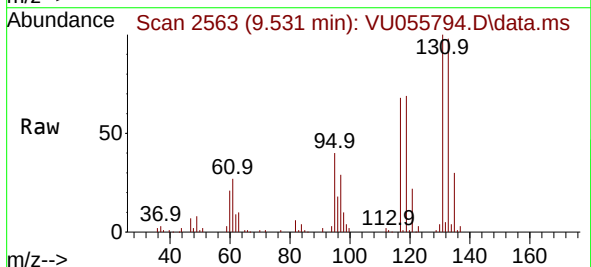
Manual Integrations
APPROVED

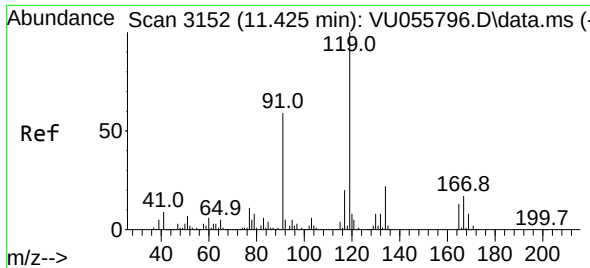
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.955 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion:131 Resp: 50565
Ion Ratio Lower Upper
131 100
133 96.3 77.8 116.6
119 67.8 55.2 82.8





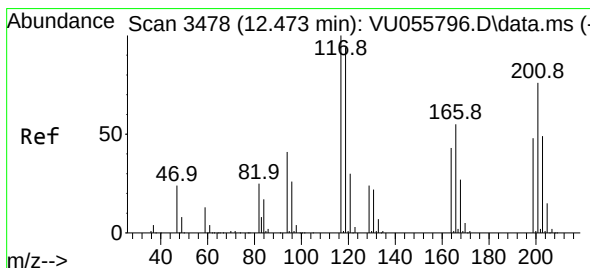
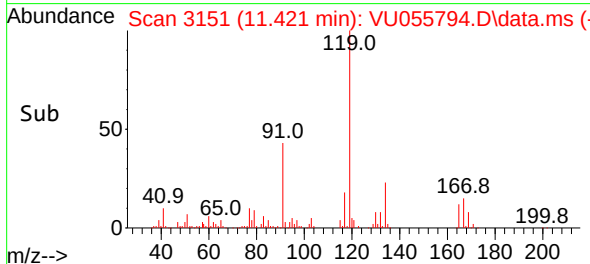
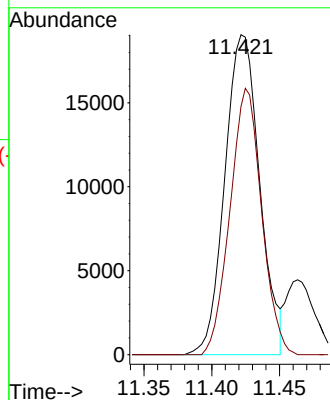
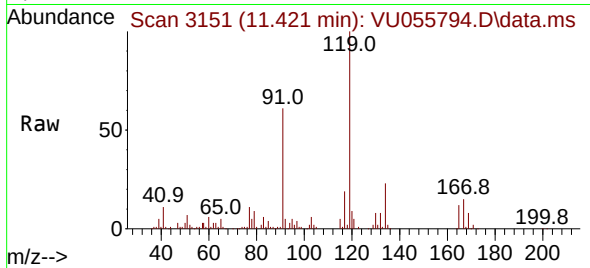
#61
Pentachloroethane
Concen: 1.944 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.004 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 34040
Ion Ratio Lower Upper
117 100
167 75.5 56.7 85.1

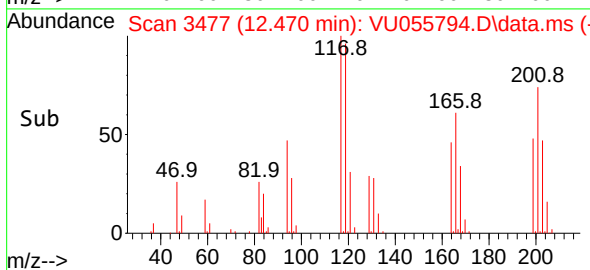
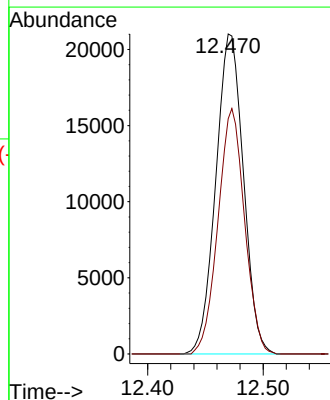
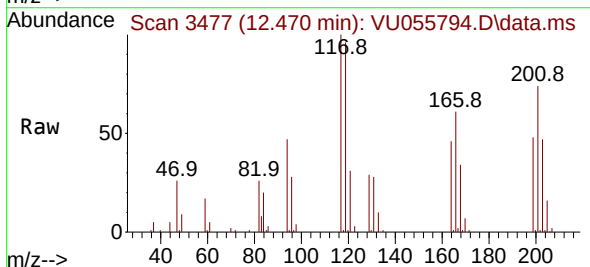
Manual Integrations
APPROVED

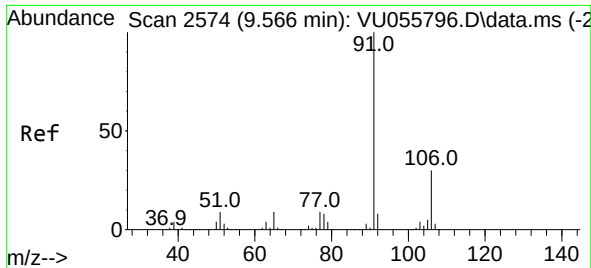
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#62
Hexachloroethane
Concen: 1.883 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion:117 Resp: 34903
Ion Ratio Lower Upper
117 100
201 73.7 59.6 89.4





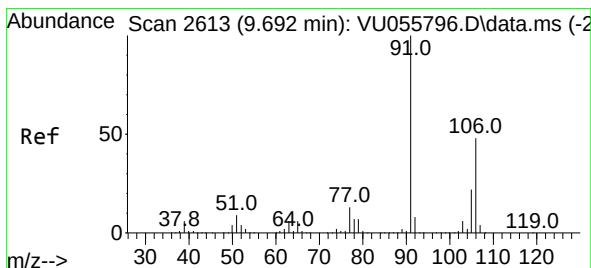
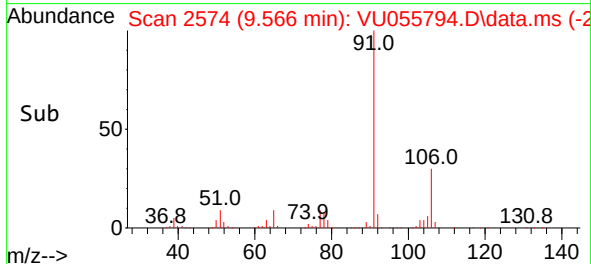
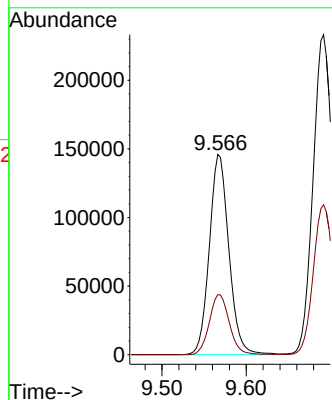
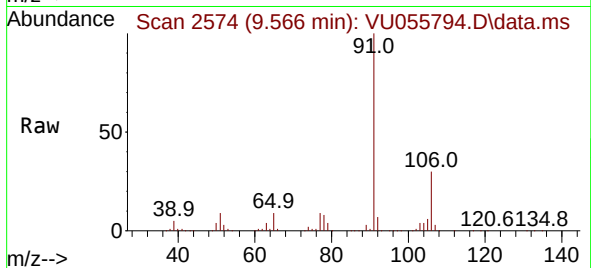
#63
Ethyl Benzene
Concen: 1.911 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 23540
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

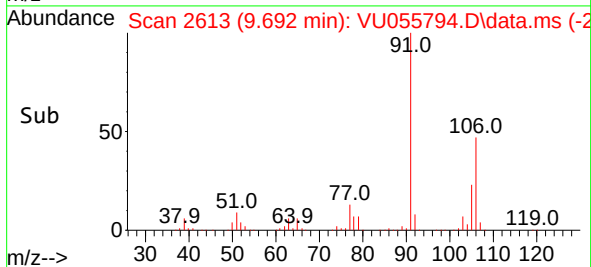
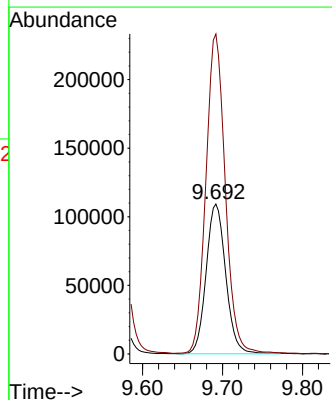
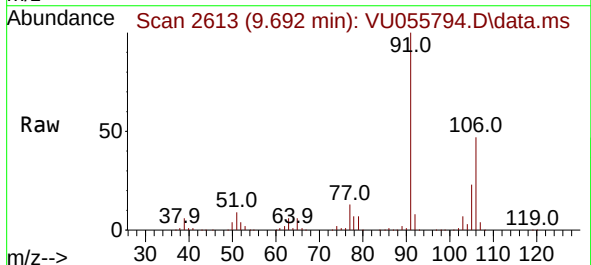
Manual Integrations
APPROVED

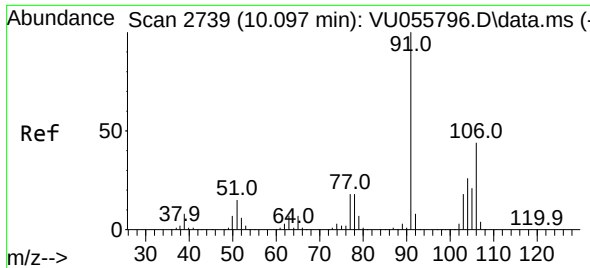
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#64
m/p-Xylenes
Concen: 3.929 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion:106 Resp: 186039
Ion Ratio Lower Upper
106 100
91 211.6 167.3 250.9





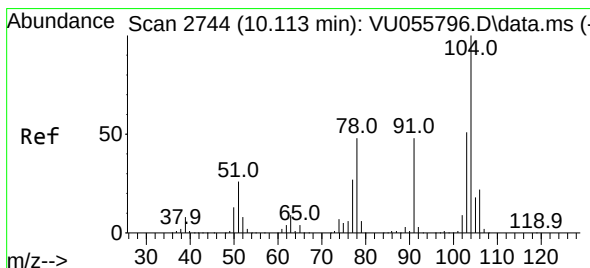
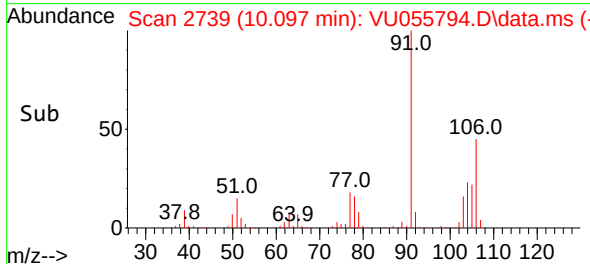
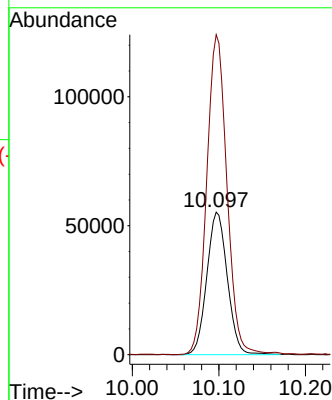
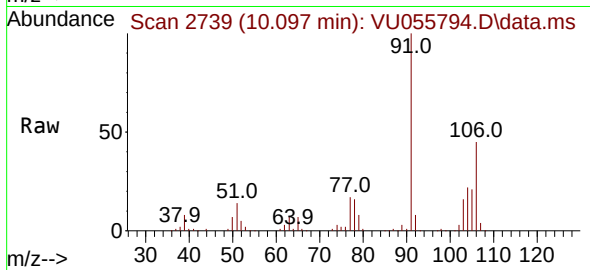
#65
o-Xylene
Concen: 1.961 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 9108
Ion Ratio Lower Upper
106 100
91 220.5 109.3 327.9

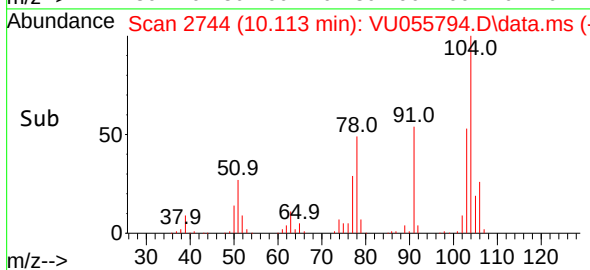
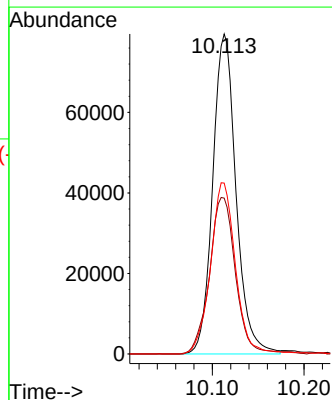
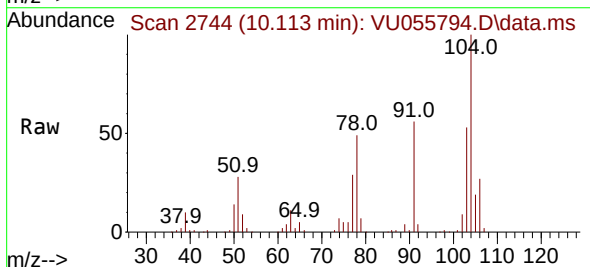
Manual Integrations
APPROVED

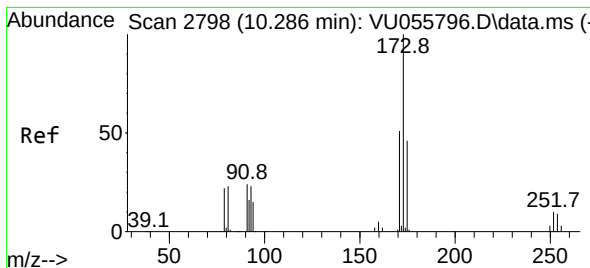
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
Styrene
Concen: 1.932 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Tgt Ion:104 Resp: 140397
Ion Ratio Lower Upper
104 100
78 54.3 39.7 59.5
103 57.2 44.8 67.2





#67

Bromoform

Concen: 2.026 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:173 Resp: 25860

Ion Ratio Lower Upper

173 100

175 46.8 39.0 58.6

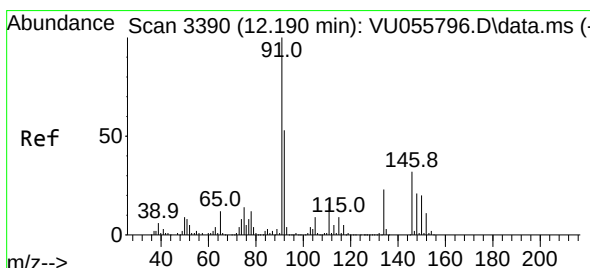
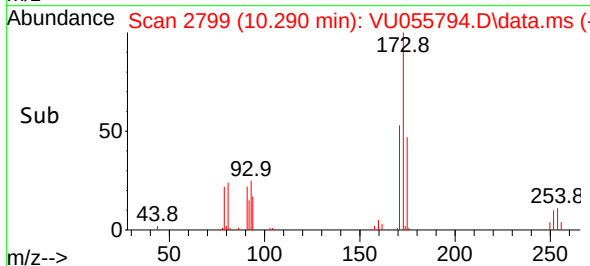
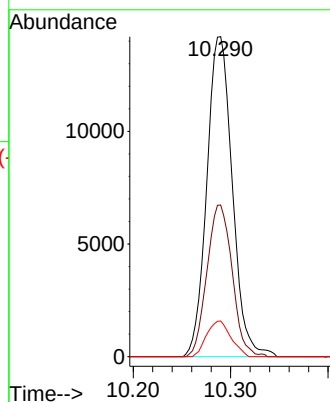
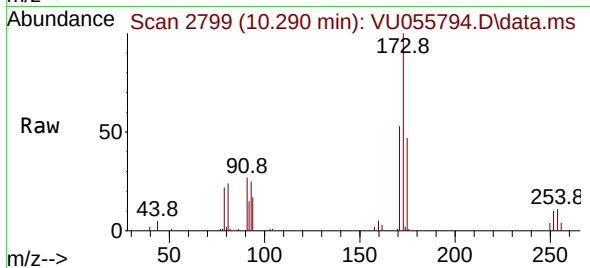
254 10.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.091 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

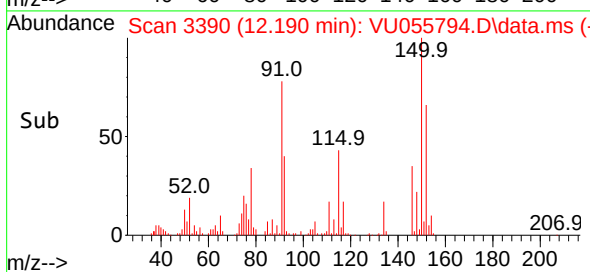
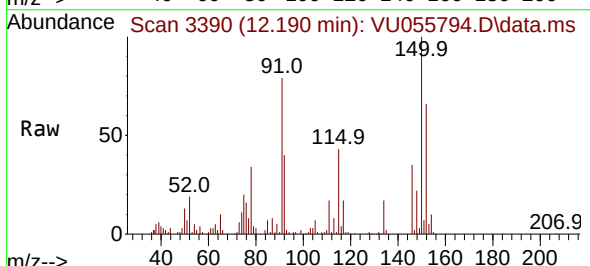
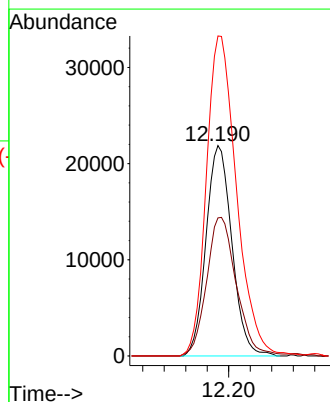
Tgt Ion:152 Resp: 36499

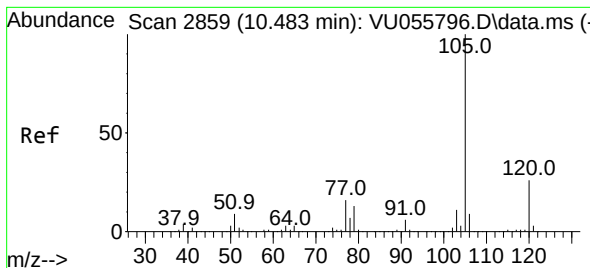
Ion Ratio Lower Upper

152 100

115 75.8 0.0 308.8

150 177.4 0.0 635.0





#69

Isopropylbenzene

Concen: 1.918 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 22938

Ion Ratio Lower Upper

105 100

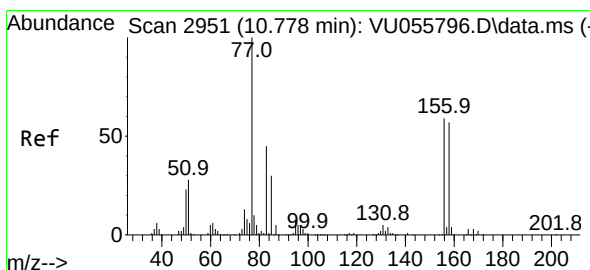
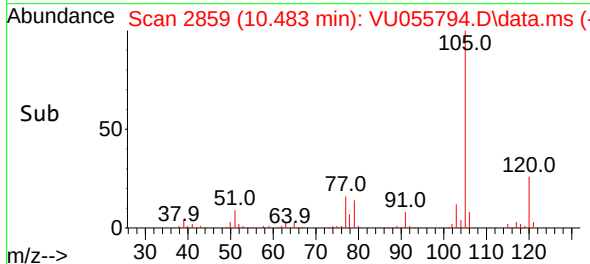
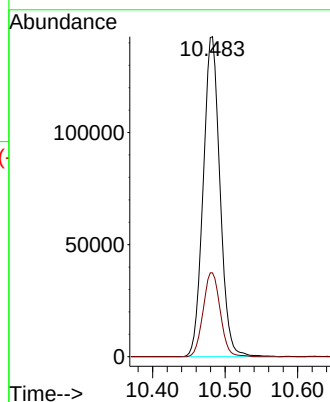
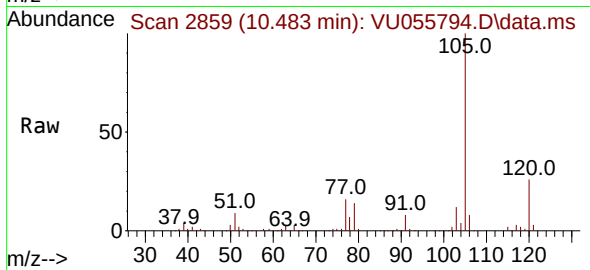
120 26.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 2.069 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

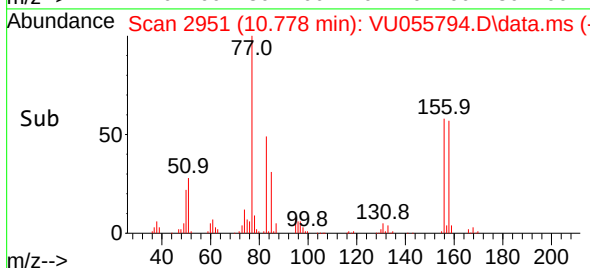
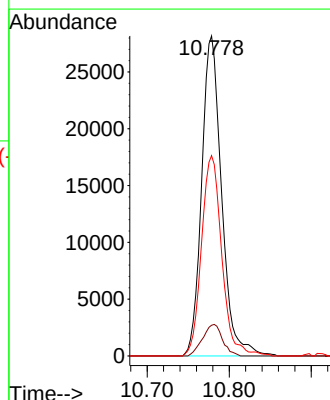
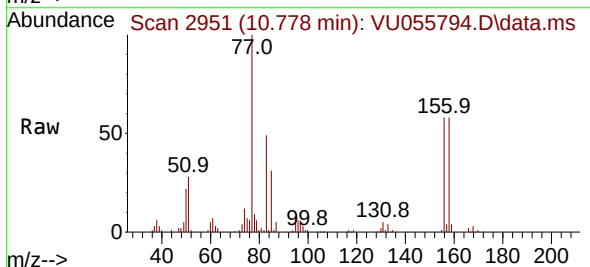
Tgt Ion: 83 Resp: 47623

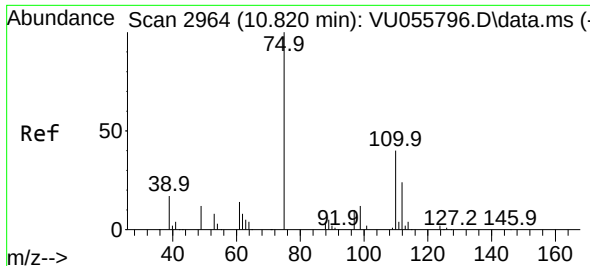
Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

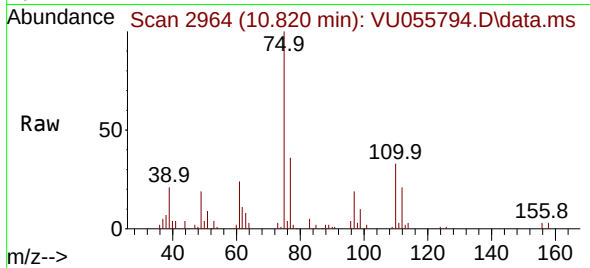
85 63.7 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.936 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

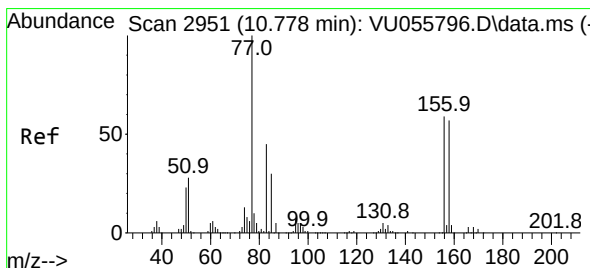
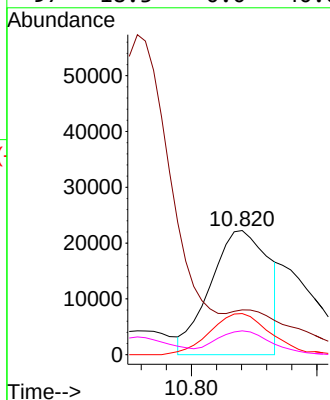
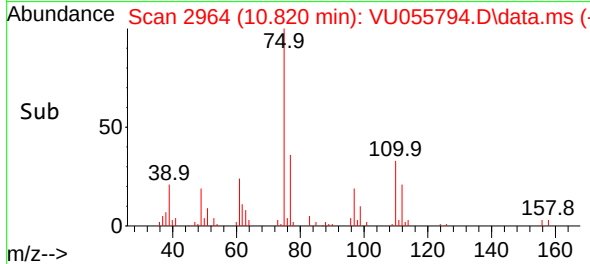
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



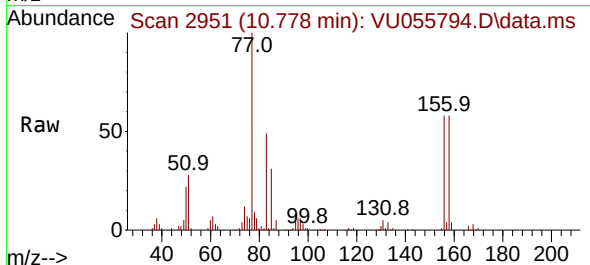
Tgt Ion: 75 Resp: 35810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 34.6 0.0 74.6
97 18.3 0.0 40.0

Manual Integrations
APPROVED

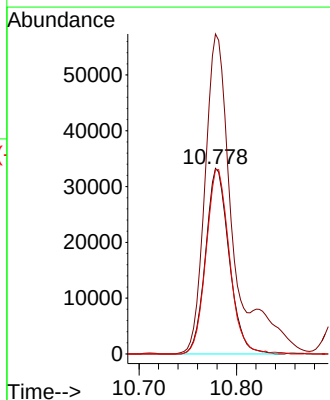
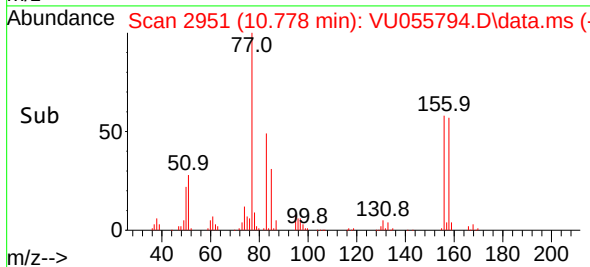
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

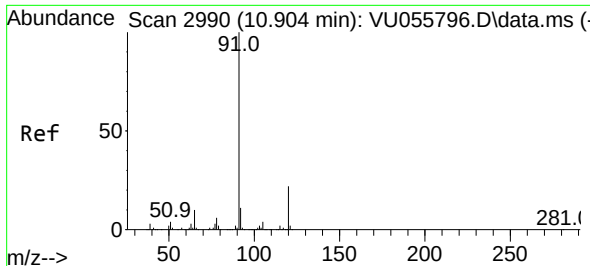


#72
Bromobenzene
Concen: 1.953 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



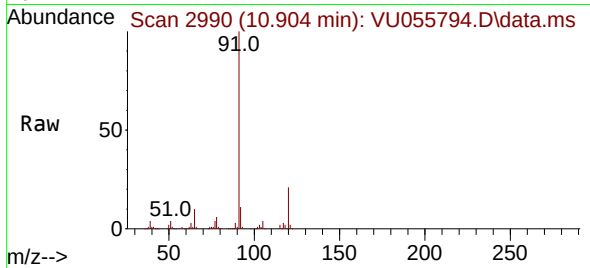
Tgt Ion:156 Resp: 55734
Ion Ratio Lower Upper
156 100
77 178.5 0.0 343.0
158 99.3 0.0 194.8





#73
n-propylbenzene
Concen: 1.939 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

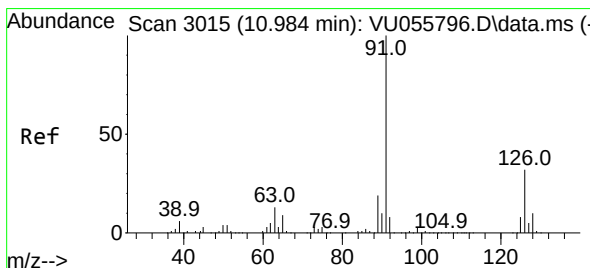
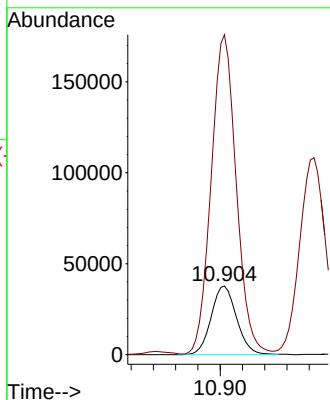
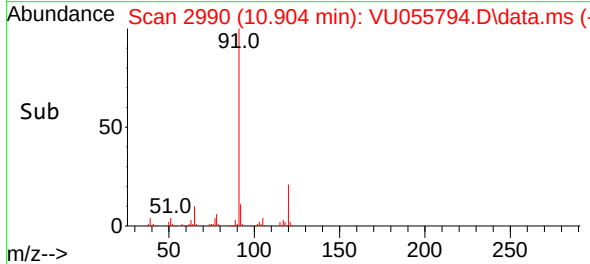
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



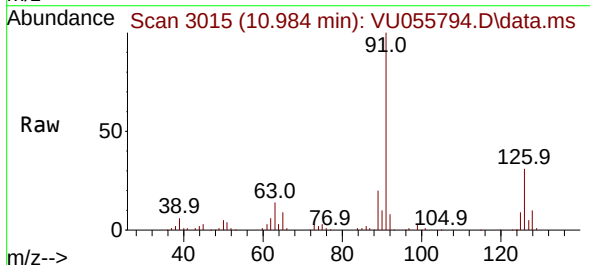
Tgt Ion:120 Resp: 59740
Ion Ratio Lower Upper
120 100
91 459.0 369.8 554.6

Manual Integrations
APPROVED

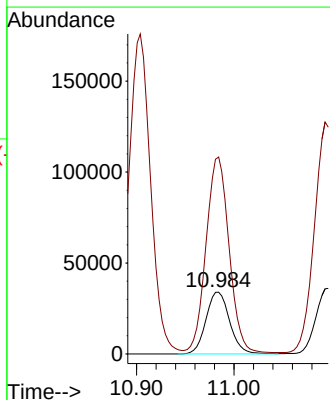
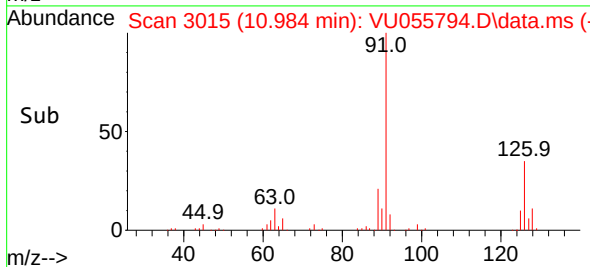
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

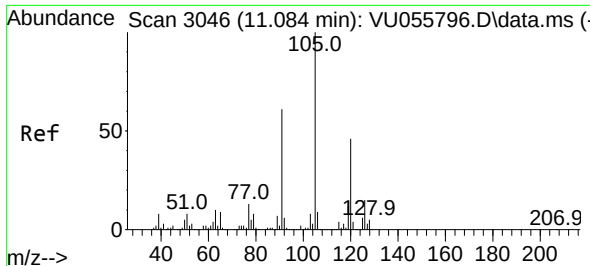


#74
2-Chlorotoluene
Concen: 2.002 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



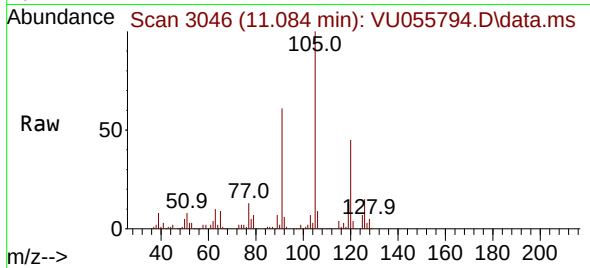
Tgt Ion:126 Resp: 57399
Ion Ratio Lower Upper
126 100
91 310.9 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.968 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

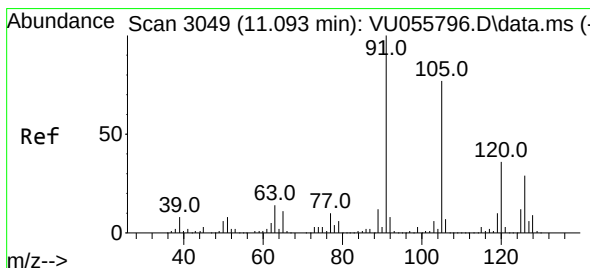
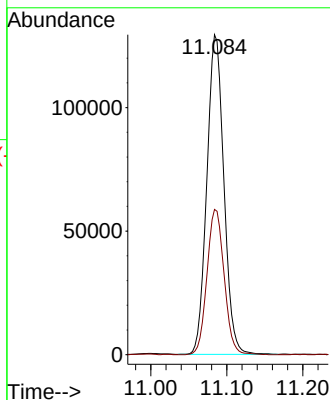
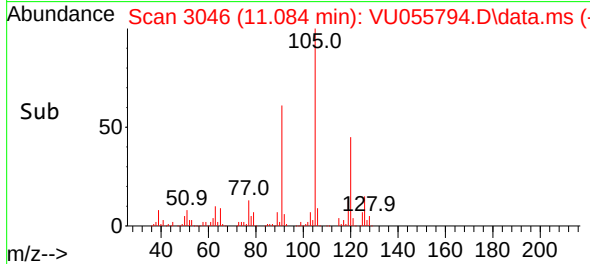
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



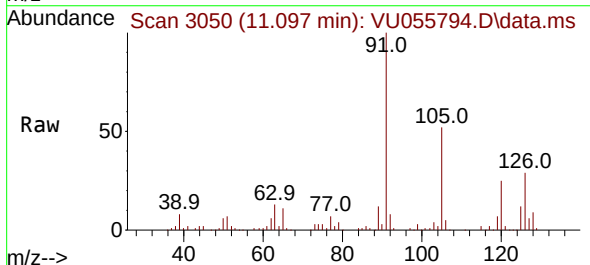
Tgt Ion:105 Resp: 201199
Ion Ratio Lower Upper
105 100
120 45.8 37.8 56.8

Manual Integrations
APPROVED

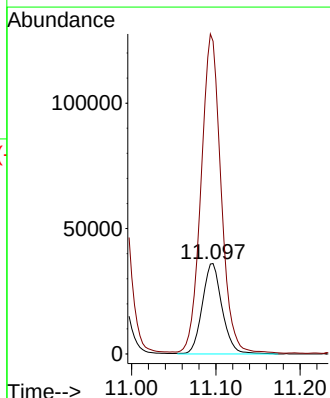
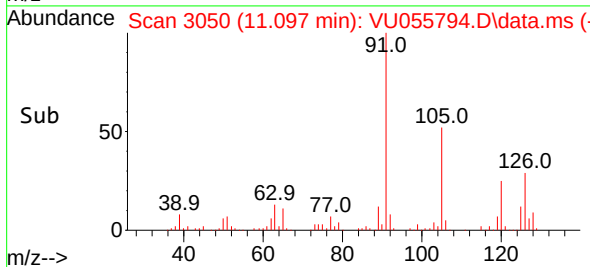
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

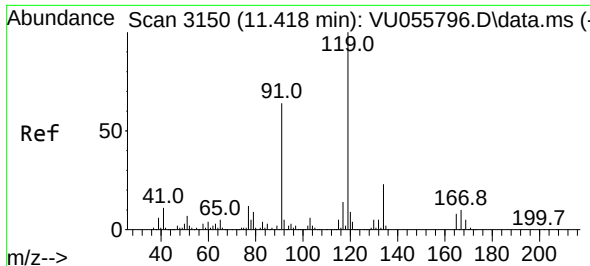


#76
4-Chlorotoluene
Concen: 2.019 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



Tgt Ion:126 Resp: 58987
Ion Ratio Lower Upper
126 100
91 355.2 0.0 686.2





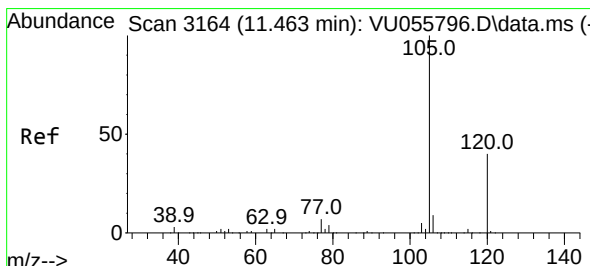
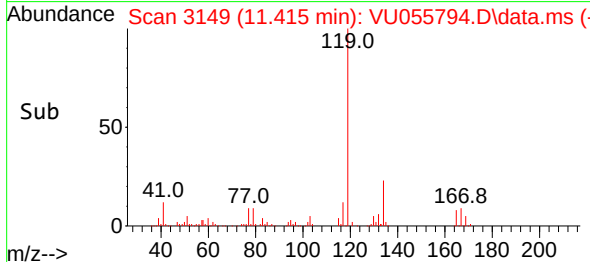
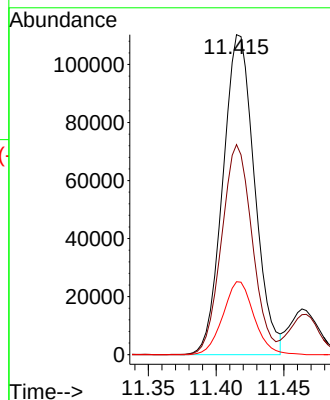
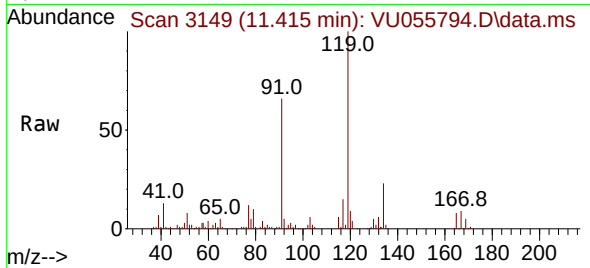
#77
tert-Butylbenzene
Concen: 1.910 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 179010
Ion Ratio Lower Upper
119 100
91 63.8 30.8 92.4
134 22.4 18.0 27.0

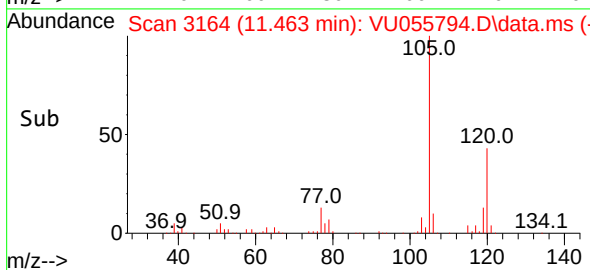
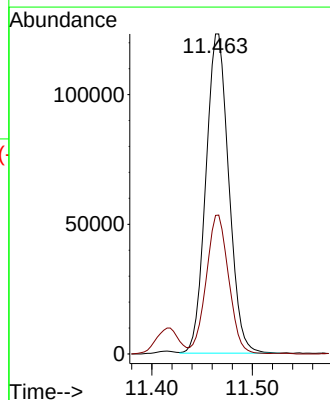
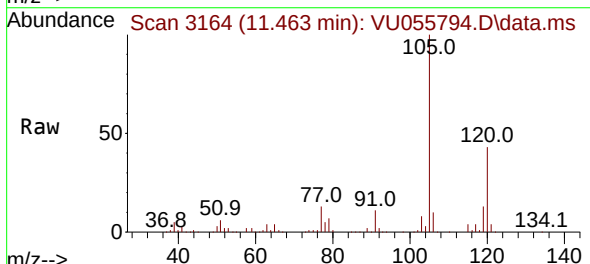
Manual Integrations
APPROVED

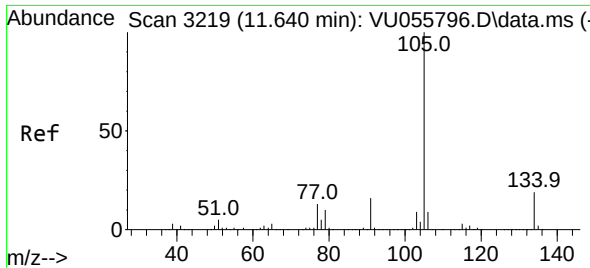
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.925 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

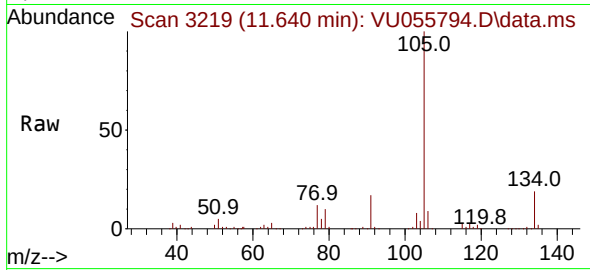
Tgt Ion:105 Resp: 194855
Ion Ratio Lower Upper
105 100
120 42.4 21.9 65.8





#79
sec-Butylbenzene
Concen: 1.877 ug/l
RT: 11.640 min Scan# 3219
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

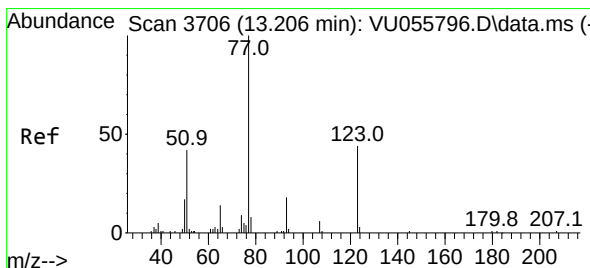
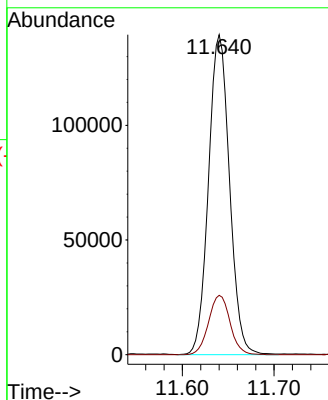
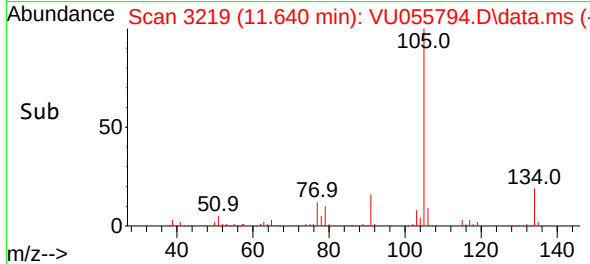
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



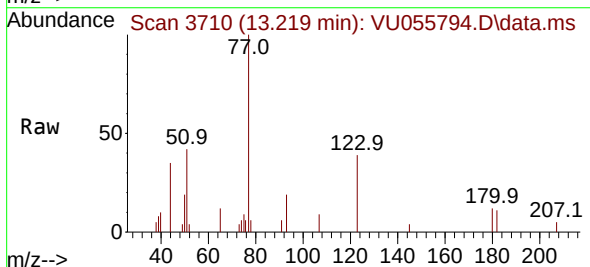
Tgt Ion:105 Resp: 222049
Ion Ratio Lower Upper
105 100
134 18.9 14.9 22.3

Manual Integrations
APPROVED

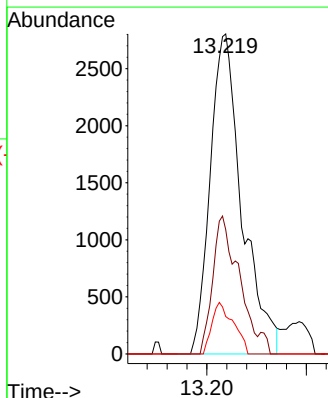
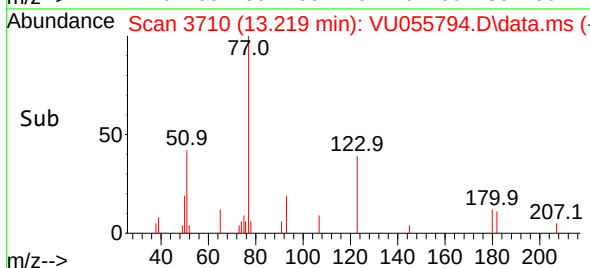
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

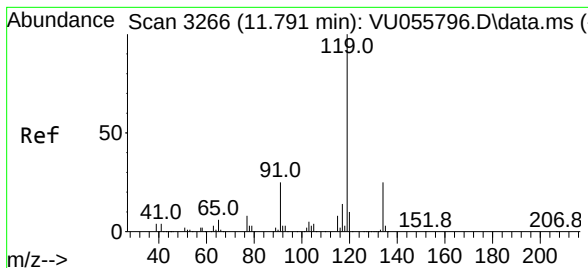


#80
Nitrobenzene
Concen: 9.772 ug/l m
RT: 13.219 min Scan# 3710
Delta R.T. 0.013 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



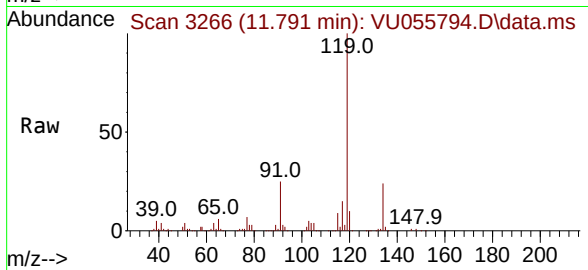
Tgt Ion: 77 Resp: 6221
Ion Ratio Lower Upper
77 100
123 30.8 19.7 69.7
65 10.9 11.5 14.7#





#81
 p-Isopropyltoluene
 Concen: 1.826 ug/l
 RT: 11.791 min Scan# 3266
 Delta R.T. 0.000 min
 Lab File: VU055794.D
 Acq: 18 Oct 2023 10:26

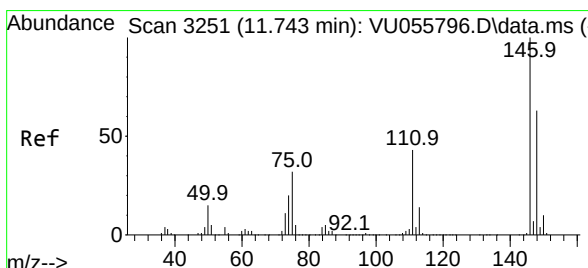
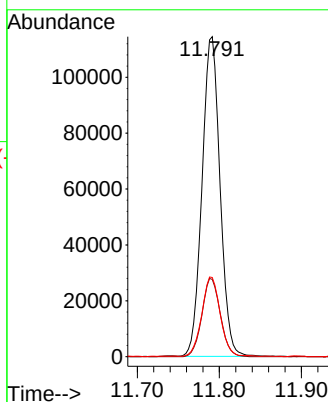
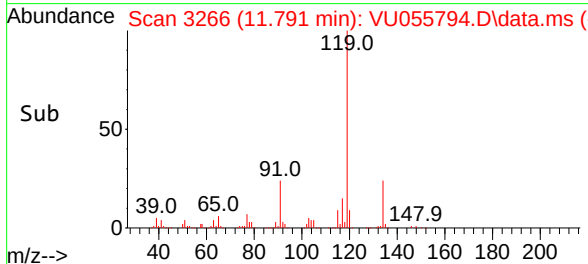
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



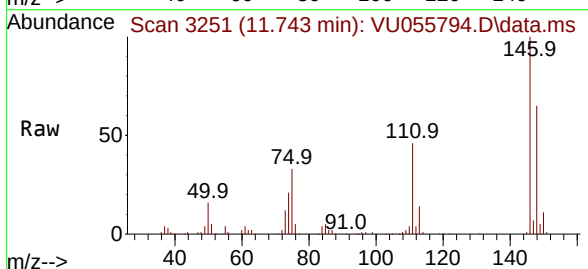
Tgt Ion:119 Resp: 17395
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.2 30.4
 91 25.3 19.3 28.9

Manual Integrations
 APPROVED

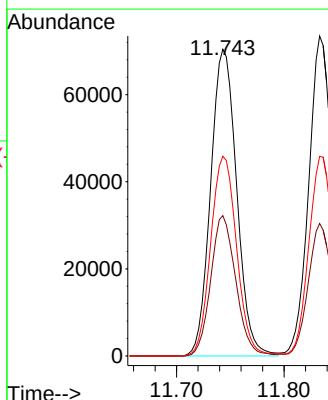
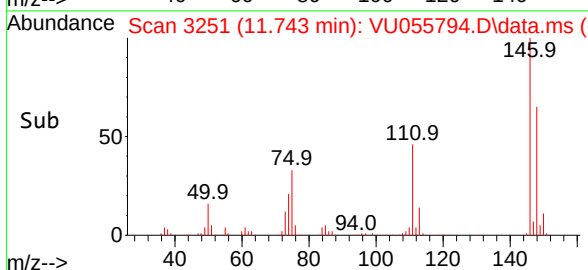
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023

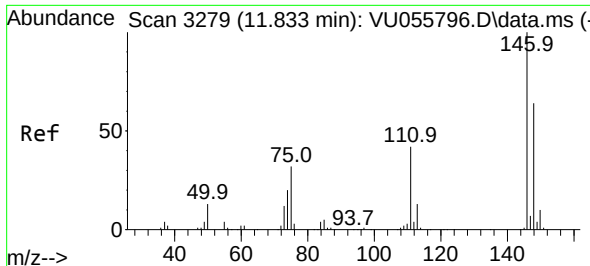


#82
 1,3-Dichlorobenzene
 Concen: 2.035 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU055794.D
 Acq: 18 Oct 2023 10:26



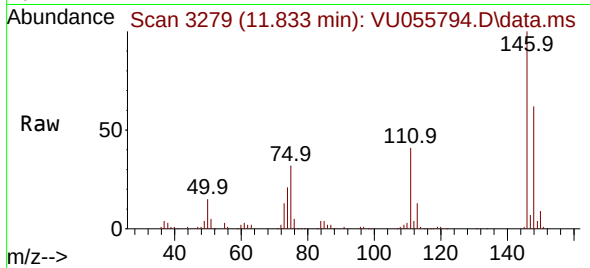
Tgt Ion:146 Resp: 118567
 Ion Ratio Lower Upper
 146 100
 111 43.9 32.6 49.0
 148 64.9 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 2.064 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

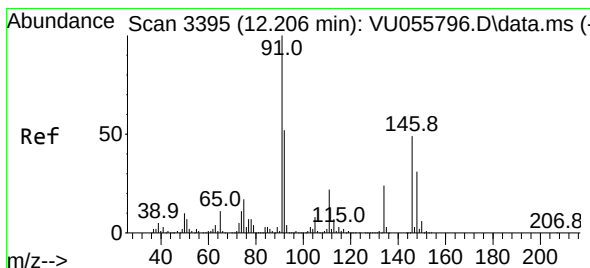
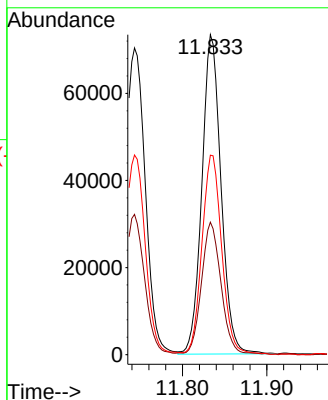
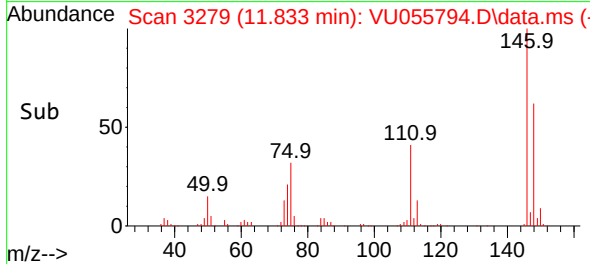
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



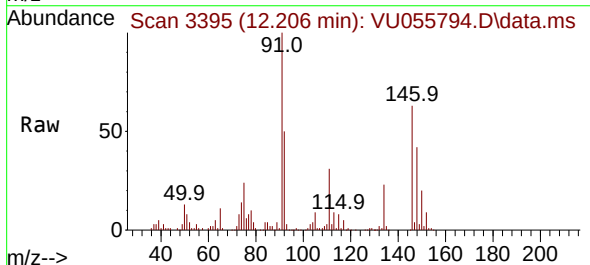
Tgt Ion:146 Resp: 116364
Ion Ratio Lower Upper
146 100
111 42.4 31.6 47.4
148 64.2 50.3 75.5

Manual Integrations
APPROVED

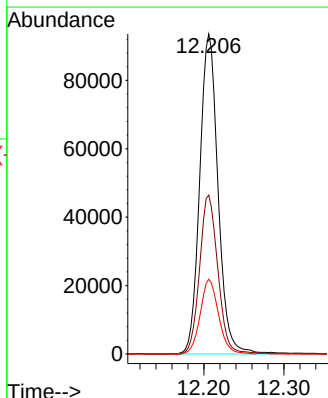
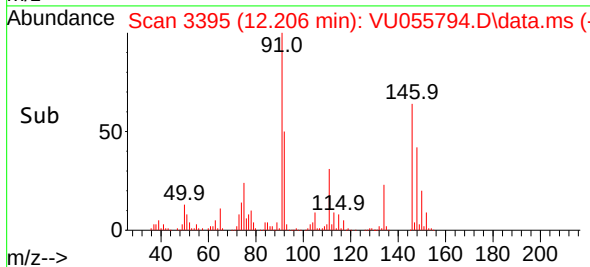
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

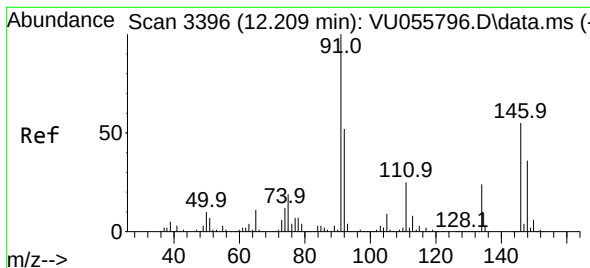


#84
n-Butylbenzene
Concen: 1.840 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



Tgt Ion: 91 Resp: 149487
Ion Ratio Lower Upper
91 100
92 49.4 40.8 61.2
134 23.3 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 2.015 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055794.D

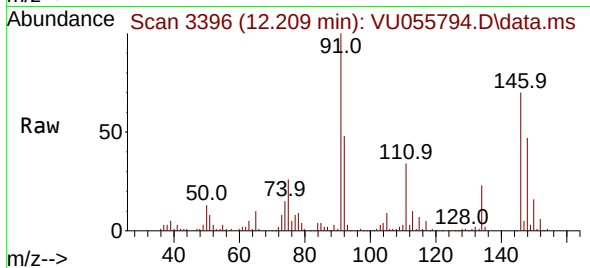
Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002



Tgt Ion:146 Resp: 107274

Ion Ratio Lower Upper

146 100

111 46.8 21.6 64.6

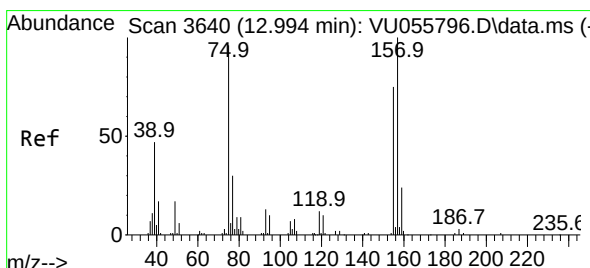
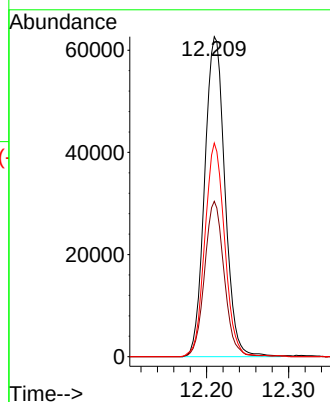
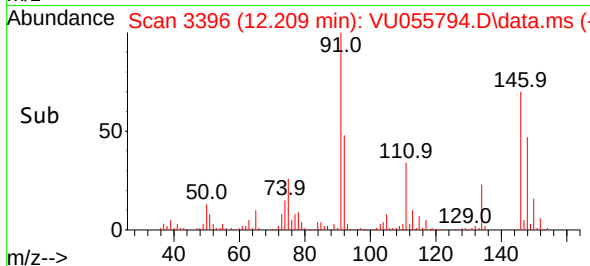
148 65.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.955 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

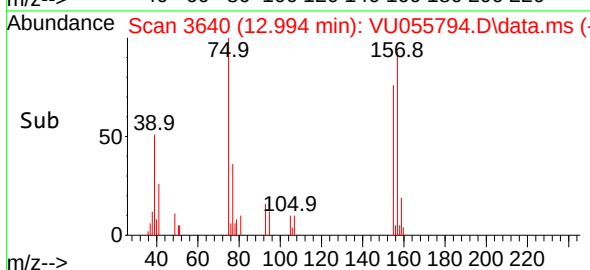
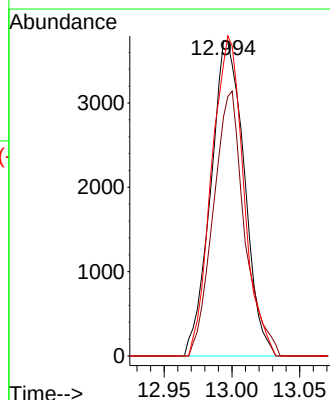
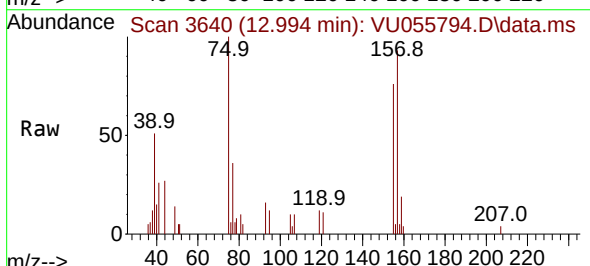
Tgt Ion: 75 Resp: 6423

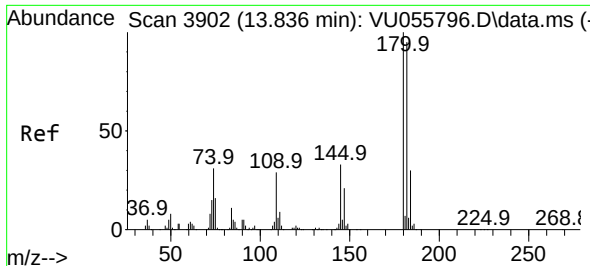
Ion Ratio Lower Upper

75 100

155 78.5 61.8 92.8

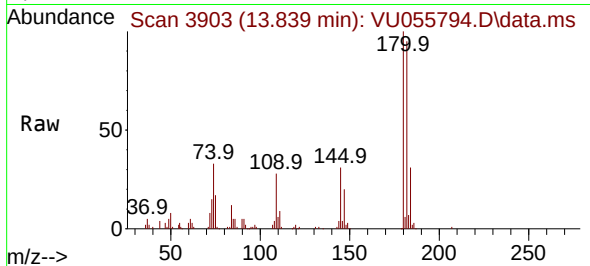
157 96.7 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 1.861 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26

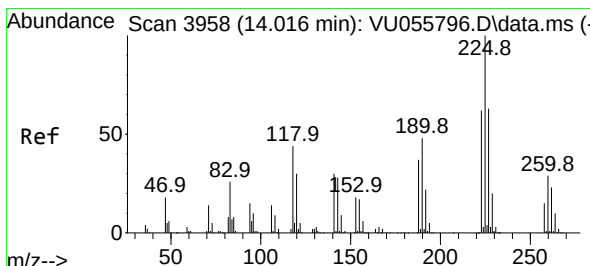
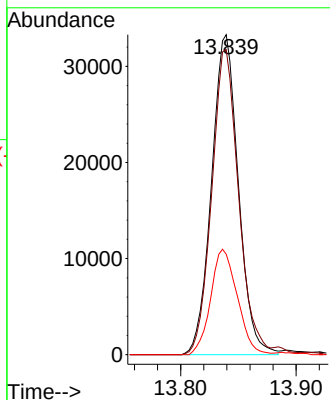
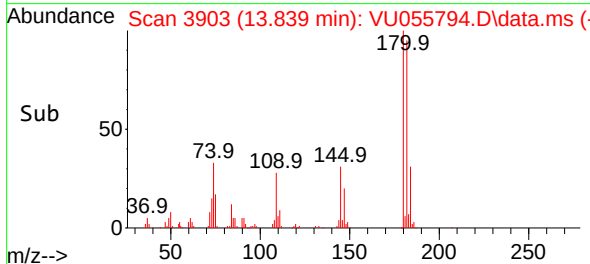
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



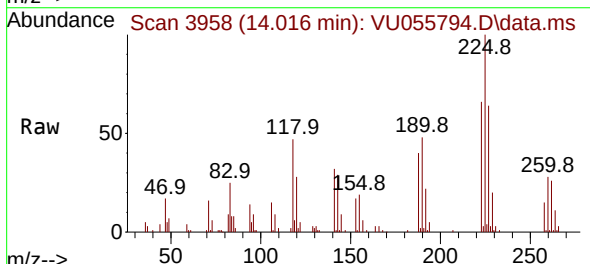
Tgt Ion:180 Resp: 53760
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
145 32.7 23.9 35.9

Manual Integrations
APPROVED

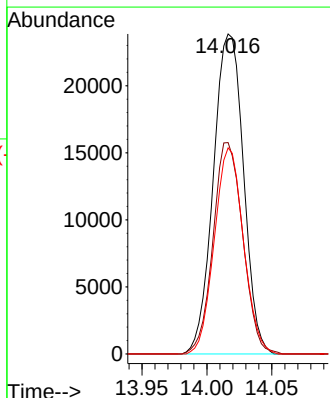
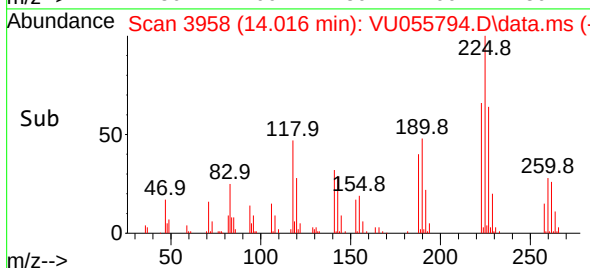
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

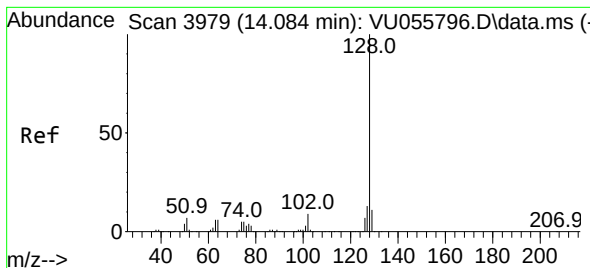


#88
Hexachlorobutadiene
Concen: 1.920 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU055794.D
Acq: 18 Oct 2023 10:26



Tgt Ion:225 Resp: 38572
Ion Ratio Lower Upper
225 100
223 64.9 50.2 75.4
227 62.0 51.5 77.3





#89

Naphthalene

Concen: 1.666 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

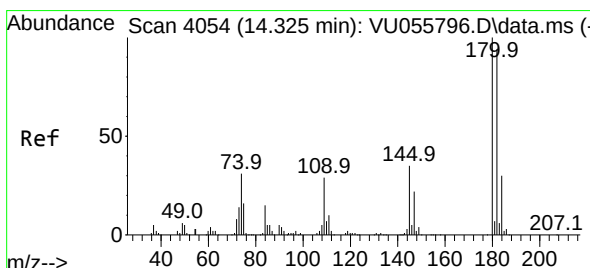
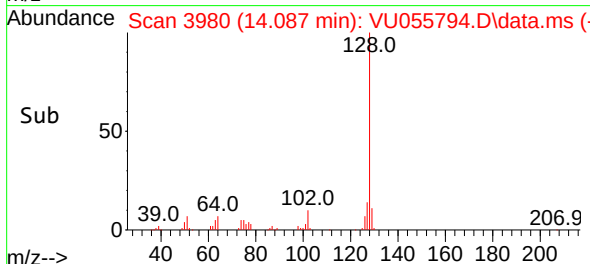
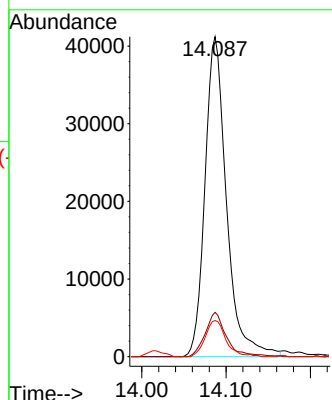
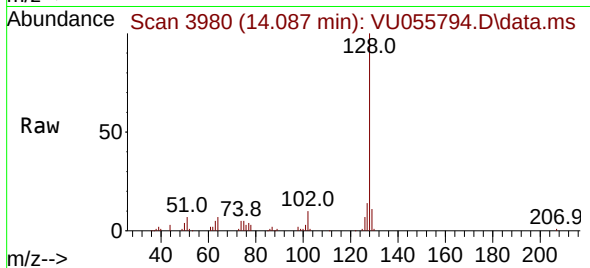
Tgt Ion:128	Resp:	7331
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.9 16.3
129	10.9	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#90

1,2,3-Trichlorobenzene

Concen: 1.860 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055794.D

Acq: 18 Oct 2023 10:26

Tgt Ion:180	Resp:	46115
Ion Ratio	Lower	Upper
180	100	
182	95.4	75.7 113.5
145	36.0	26.1 39.1

