

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055806.D
 Acq On : 18 Oct 2023 18:19
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 03:42:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 03:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	96837	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	36706	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	35433	1.001	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	357046	9.495	ug/l	99
3) Chloromethane	1.515	50	321100	9.991	ug/l	98
4) Vinyl Chloride	1.602	62	329390	10.000	ug/l	100
5) Bromomethane	1.856	94	183047	10.097	ug/l	99
6) Chloroethane	1.930	64	162758	10.202	ug/l	100
7) Trichlorofluoromethane	2.136	101	428537	9.865	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	275866	9.527	ug/l	95
9) 1,1-Dichloroethene	2.576	96	259065	9.592	ug/l	93
10) Iodomethane	2.718	142	410133	10.190	ug/l	98
11) Allyl Chloride	2.917	41	342767	9.763	ug/l	99
12) Acrylonitrile	3.316	53	106116	20.908	ug/l	97
13) Acetone	2.634	43	443931	41.000	ug/l	99
14) Carbon Disulfide	2.788	76	839435	9.521	ug/l	100
15) Methylene Chloride	3.039	84	311472	9.777	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	283576	9.906	ug/l	96
17) 1,1-Dichloroethane	3.862	63	518652	9.742	ug/l	100
18) 2-Butanone	4.702	43	502133	43.044	ug/l	96
19) Cyclohexane	5.383	56	464465m	10.227	ug/l	
20) Methylcyclohexane	6.759	83	488566	10.354	ug/l	97
21) 2,2-Dichloropropane	4.660	77	415903	9.277	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	298970	9.799	ug/l	99
23) Diethyl Ether	2.374	59	167493	10.373	ug/l	97
24) tert-Butyl Alcohol	3.245	59	176273m	106.442	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	602900	10.373	ug/l	97
26) Bromochloromethane	4.968	128	125672	9.718	ug/l	98
27) Chloroform	5.081	83	527168	9.650	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	479365	9.790	ug/l	98
29) 1,1-Dichloropropene	5.521	75	387548	9.993	ug/l	100
30) Carbon Tetrachloride	5.521	117	418592	9.793	ug/l	98
31) Isopropyl Ether	3.985	45	741123	10.362	ug/l	94
32) Ethyl-t-butyl ether	4.493	59	715556	10.364	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	601426	10.165	ug/l	97
34) Propionitrile	4.785	54	102835	55.722	ug/l	# 13
35) Benzene	5.769	78	1129567	9.615	ug/l	100
36) 1,2-Dichloroethane	5.788	62	306660	9.612	ug/l	99
37) Trichloroethene	6.537	130	299181	9.789	ug/l	100
38) 1,2-Dichloropropane	6.785	63	307249	10.015	ug/l	100
39) Methacrylonitrile	4.968	41	73896	10.738	ug/l	97
40) Methyl acrylate	4.840	55	128049	8.855	ug/l	98
41) Tetrahydrofuran	5.055	42	74688	19.154	ug/l	94
42) 1-Chlorobutane	5.454	56	527617	10.204	ug/l	99
43) Dibromomethane	6.914	93	143539	9.844	ug/l	98
44) Bromodichloromethane	7.100	83	376796	9.778	ug/l	100

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	758699	50.311	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	136745m	22.794	ug/l	
47) Methyl methacrylate	6.955	69	262733	21.842	ug/l	95
48) Ethyl methacrylate	8.328	69	247882	8.935	ug/l	98
49) Toluene	7.965	92	718791	10.338	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	346290	10.155	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	419130	10.043	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	202349	9.716	ug/l	99
53) 1,3-Dichloropropane	8.570	76	352723	9.909	ug/l	99
54) 2-Hexanone	8.682	43	737337	43.644	ug/l	97
55) Dibromochloromethane	8.804	129	244083	9.709	ug/l	98
56) 1,2-Dibromoethane	8.920	107	190818	10.028	ug/l	99
58) Tetrachloroethene	8.550	164	297982	9.376	ug/l	97
59) Chlorobenzene	9.444	112	769334	10.019	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	271167	9.908	ug/l	95
61) Pentachloroethane	11.422	117	172452	9.310	ug/l	91
62) Hexachloroethane	12.470	117	200190	8.822	ug/l	99
63) Ethyl Benzene	9.566	91	1374884	10.551	ug/l	100
64) m/p-Xylenes	9.688	106	1056334	21.087	ug/l	99
65) o-Xylene	10.097	106	483555	9.837	ug/l	96
66) Styrene	10.110	104	792152	10.305	ug/l	97
67) Bromoform	10.287	173	130678	9.678	ug/l	97
69) Isopropylbenzene	10.479	105	1281691	10.128	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	236507	9.711	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	157977m	7.826	ug/l	
72) Bromobenzene	10.778	156	287019	9.505	ug/l	98
73) n-propylbenzene	10.901	120	355487	8.879	ug/l	94
74) 2-Chlorotoluene	10.981	126	301882	9.951	ug/l	95
75) 1,3,5-Trimethylbenzene	11.084	105	1146614	8.839	ug/l	98
76) 4-Chlorotoluene	11.094	126	308494	9.979	ug/l	92
77) tert-Butylbenzene	11.415	119	1042518	8.731	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	1147928	8.808	ug/l	99
79) sec-Butylbenzene	11.640	105	1372056	8.740	ug/l	99
80) Nitrobenzene	13.206	77	37377	44.612	ug/l	96
81) p-Isopropyltoluene	11.788	119	1114119	8.700	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	603478	9.791	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	599525	10.051	ug/l	98
84) n-Butylbenzene	12.206	91	929441	8.535	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	558374	9.913	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	39002	11.218	ug/l	99
87) 1,2,4-Trichlorobenzene	13.836	180	330285	8.859	ug/l	99
88) Hexachlorobutadiene	14.016	225	208184	9.795	ug/l	100
89) Naphthalene	14.084	128	486392	8.412	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	286454	8.867	ug/l	98

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

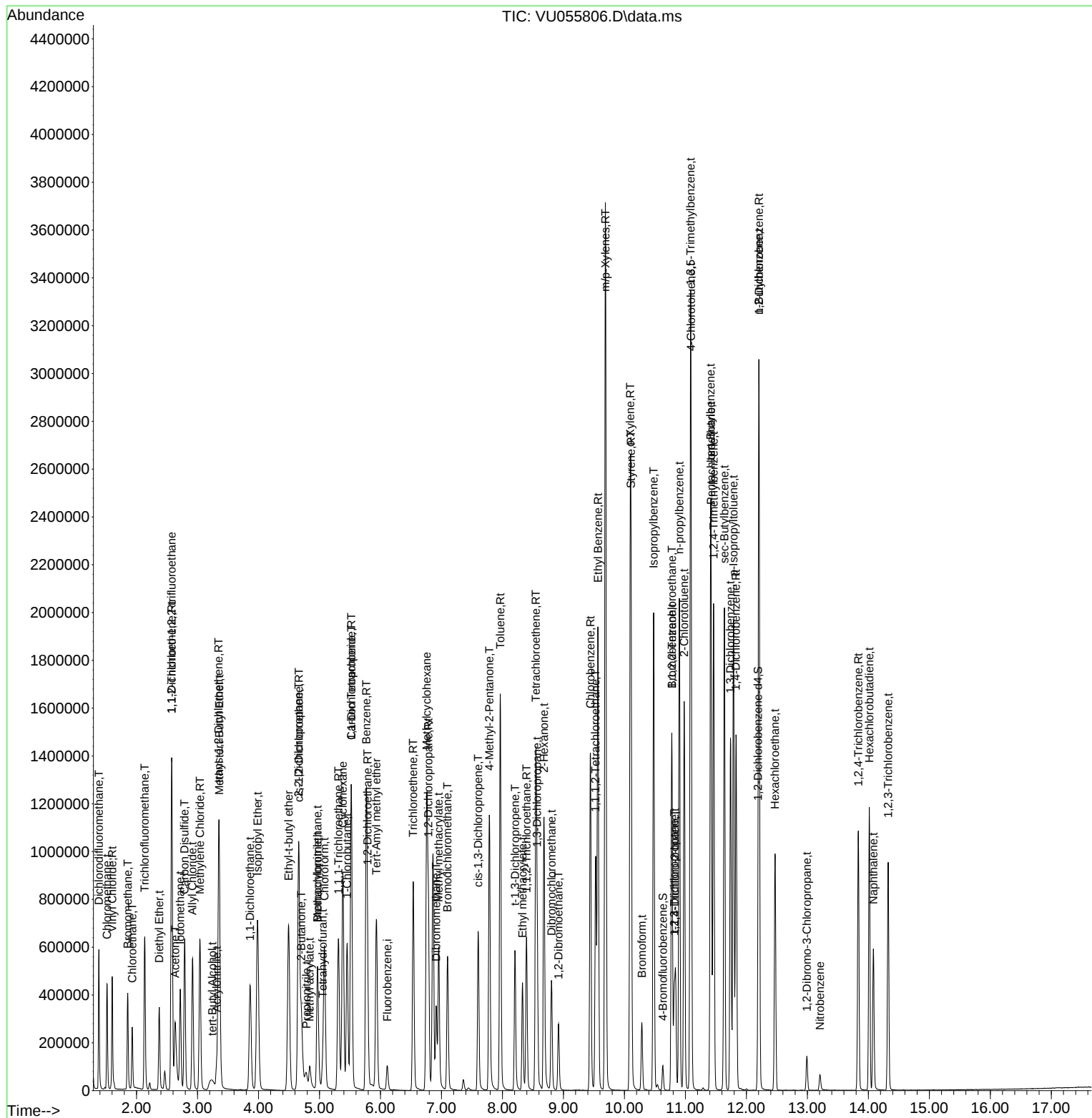
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
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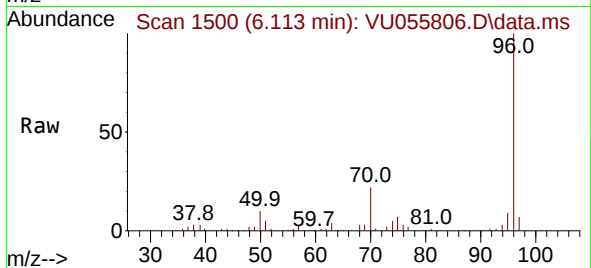
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

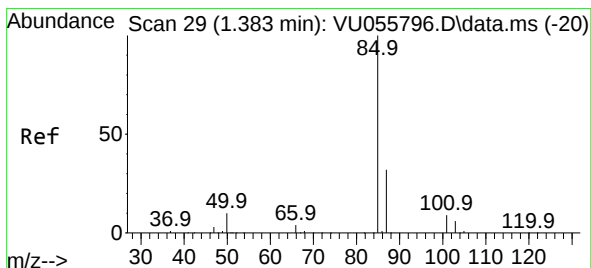
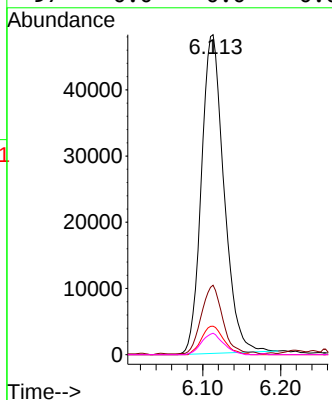
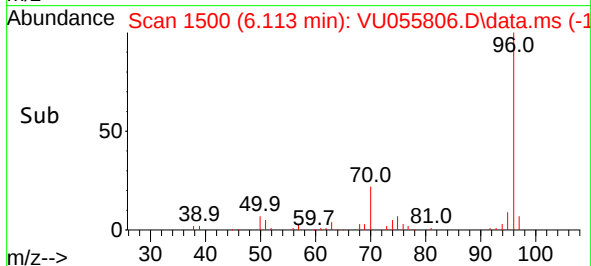
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 9683
Ion Ratio Lower Upper
96 100
70 20.2 16.5 24.7
95 8.9 7.4 11.0
97 0.0 0.0 0.0

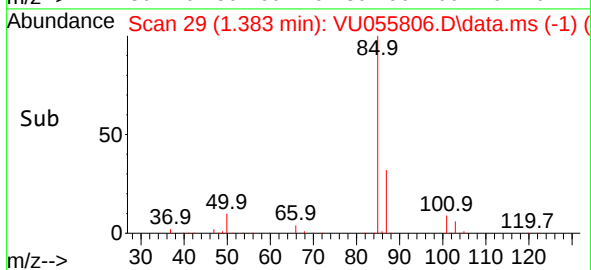
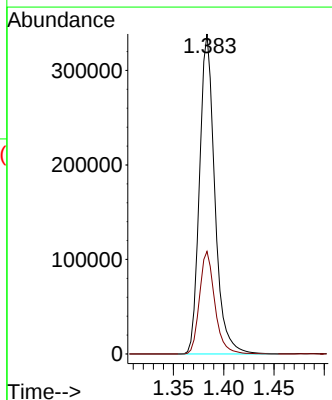
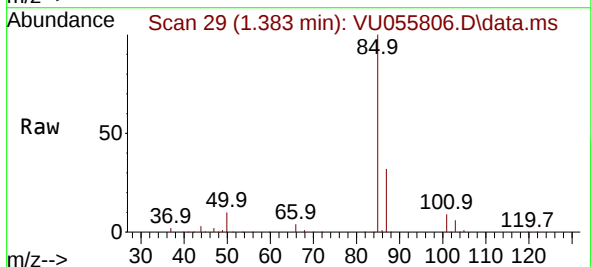
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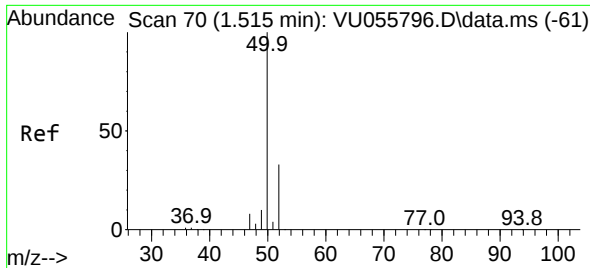
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#2
Dichlorodifluoromethane
Concen: 9.495 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

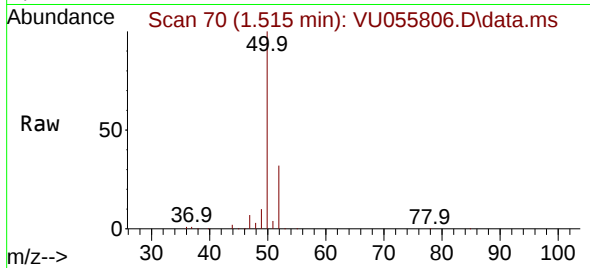
Tgt Ion: 85 Resp: 357046
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 9.991 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

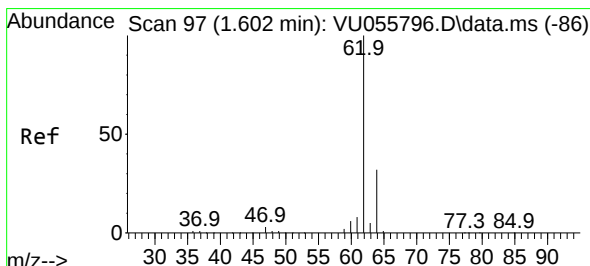
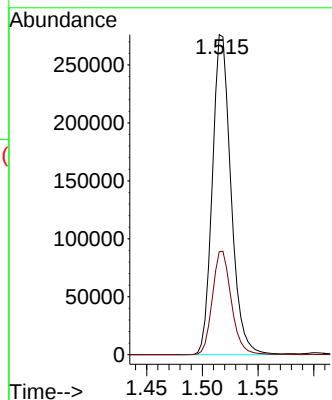
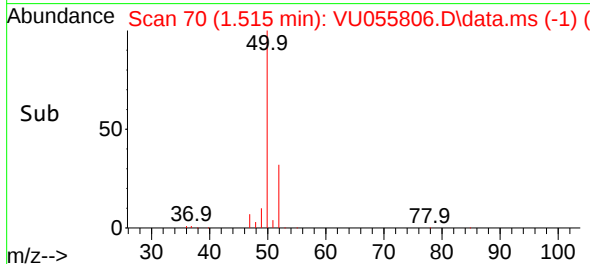
Instrument :
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Tgt Ion: 50 Resp: 321100
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0

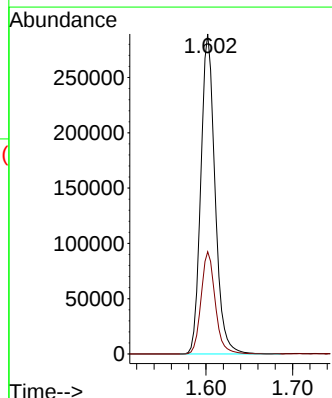
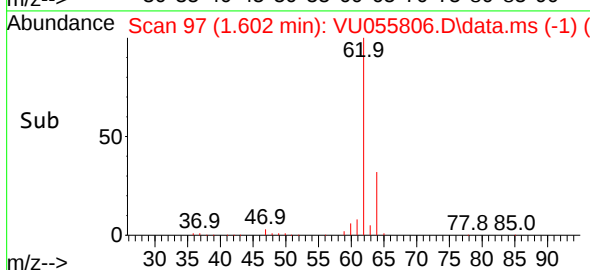
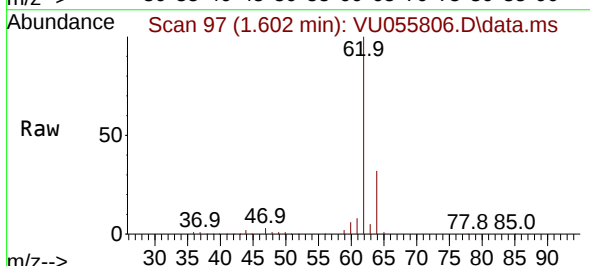
Manual Integrations
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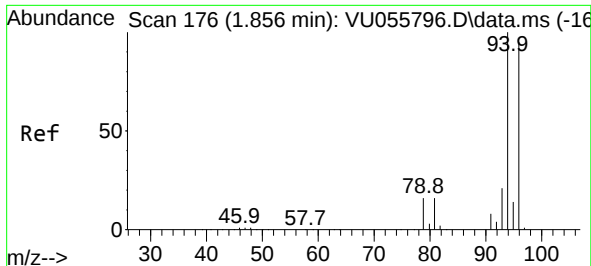
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#4
Vinyl Chloride
Concen: 10.000 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

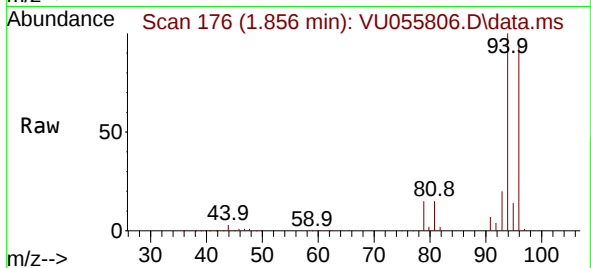
Tgt Ion: 62 Resp: 329390
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 10.097 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

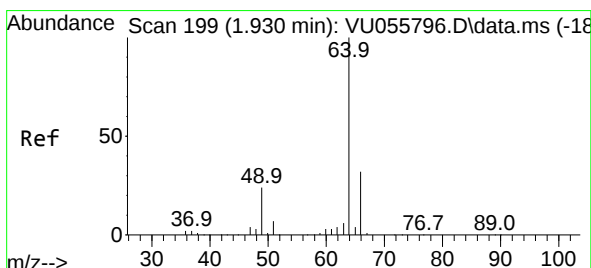
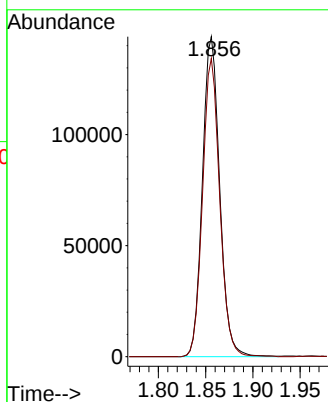
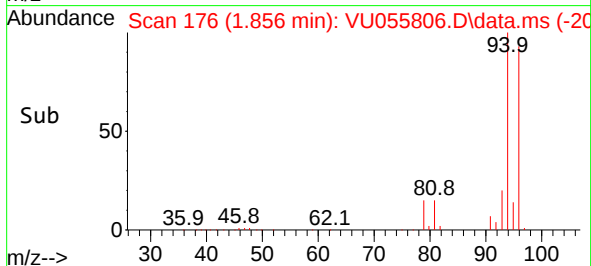
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 18304
Ion Ratio Lower Upper
94 100
96 93.2 75.4 113.2

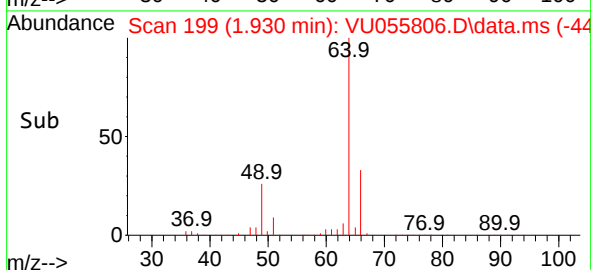
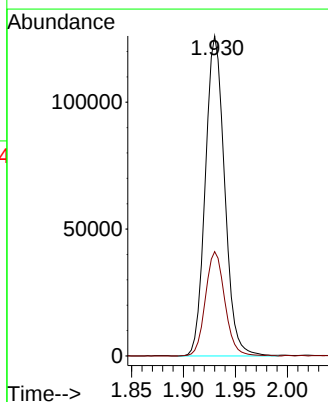
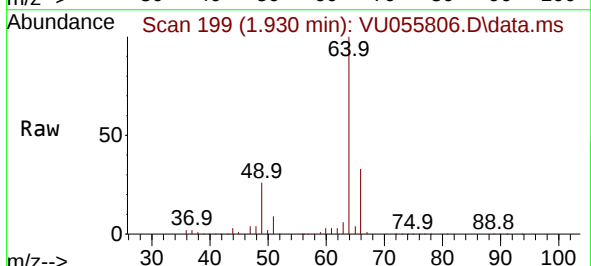
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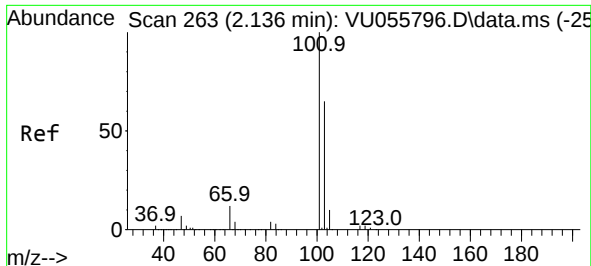
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 10.202 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Tgt Ion: 64 Resp: 162758
Ion Ratio Lower Upper
64 100
66 32.6 26.0 39.0





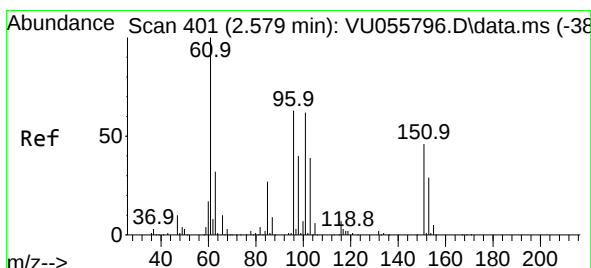
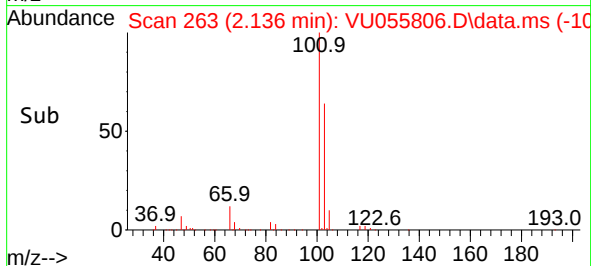
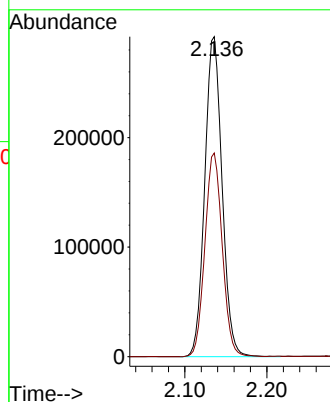
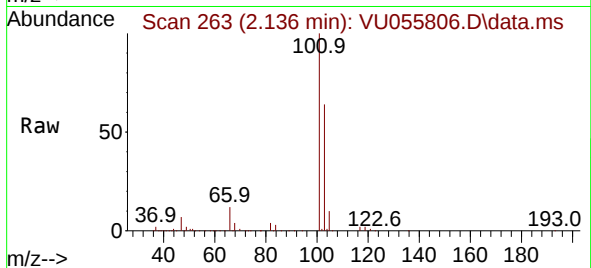
#7
 Trichlorofluoromethane
 Concen: 9.865 ug/l
 RT: 2.136 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU055806.D
 Acq: 18 Oct 2023 18:19

Instrument :
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Tgt Ion:101 Resp: 42853
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0

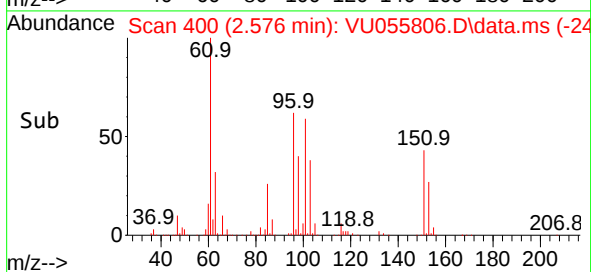
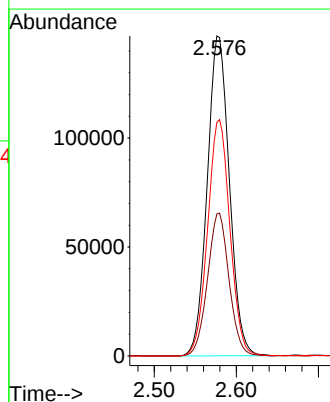
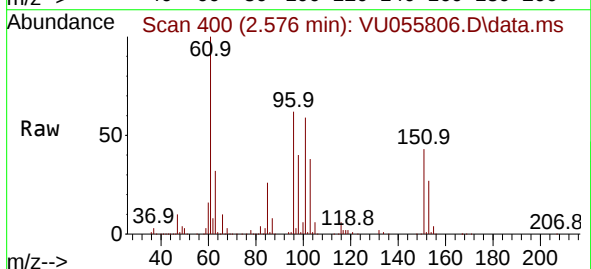
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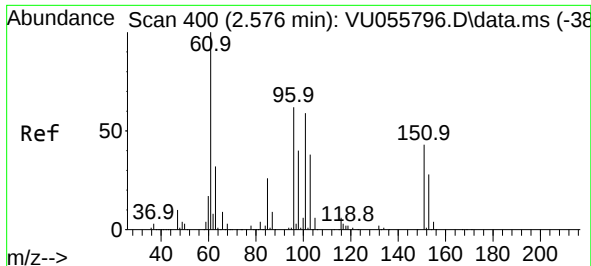
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.527 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055806.D
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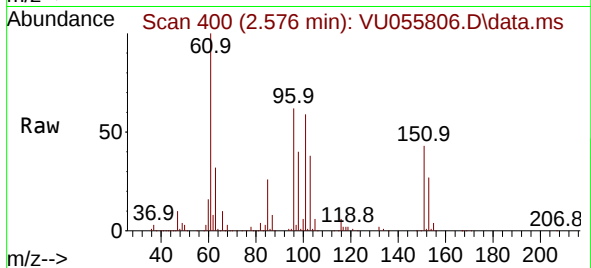
Tgt Ion:101 Resp: 275866
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.0
 151 74.1 54.0 81.0





#9
 1,1-Dichloroethene
 Concen: 9.592 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055806.D
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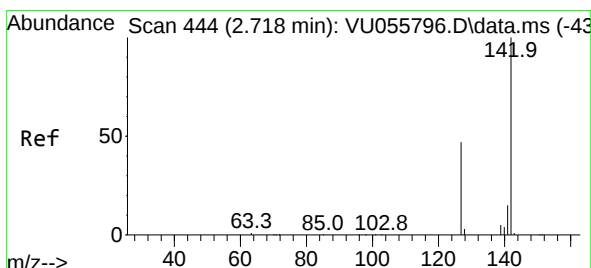
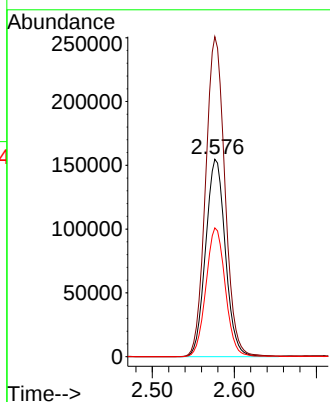
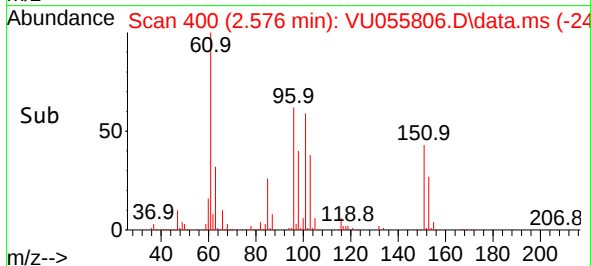
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Tgt Ion: 96 Resp: 25906
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 521.4
 98 65.2 0.0 125.8

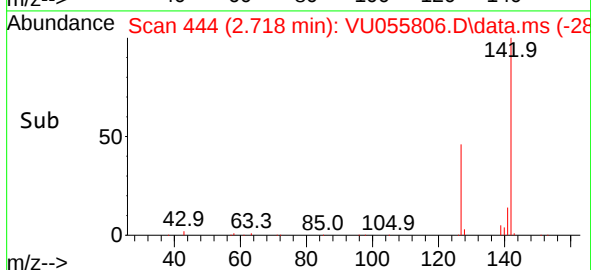
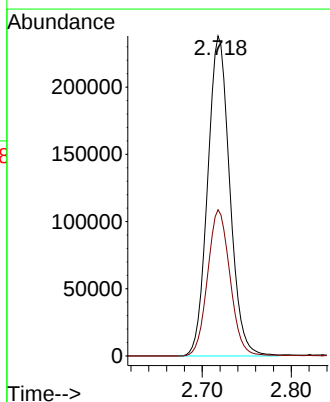
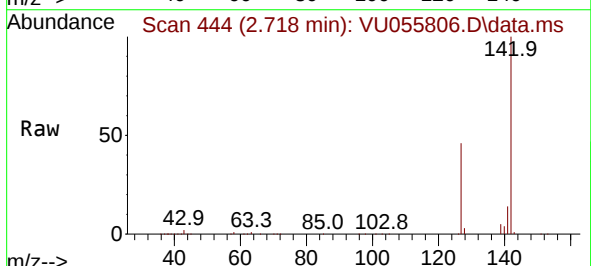
Manual Integrations
 APPROVED

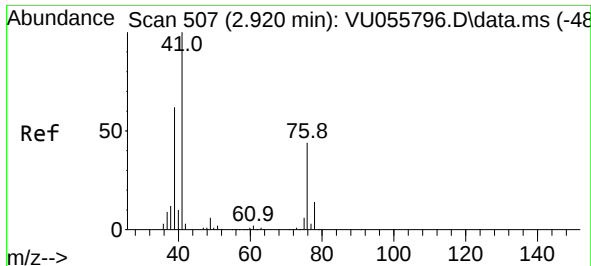
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#10
 Iodomethane
 Concen: 10.190 ug/l
 RT: 2.718 min Scan# 444
 Delta R.T. -0.000 min
 Lab File: VU055806.D
 Acq: 18 Oct 2023 18:19

Tgt Ion:142 Resp: 410133
 Ion Ratio Lower Upper
 142 100
 127 46.4 35.9 53.9





#11

Allyl Chloride

Concen: 9.763 ug/l

RT: 2.917 min Scan# 507

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 34276

Ion Ratio Lower Upper

41 100

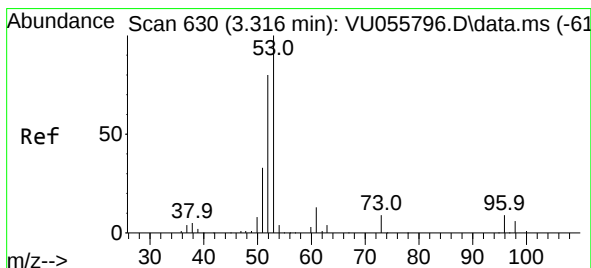
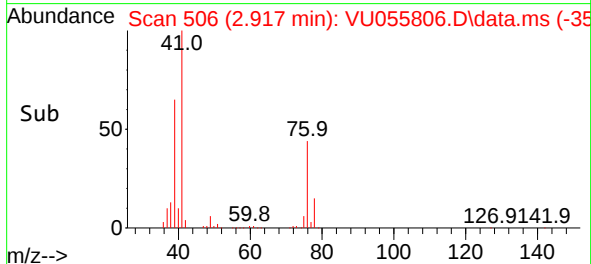
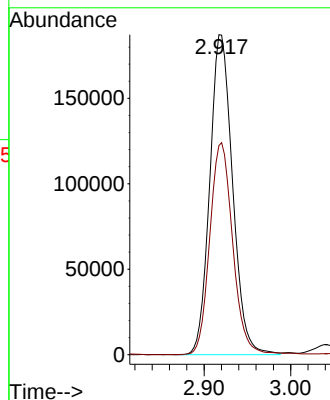
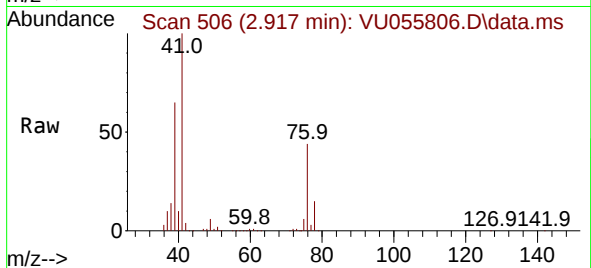
39 66.8 54.2 81.2

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#12

Acrylonitrile

Concen: 20.908 ug/l

RT: 3.316 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

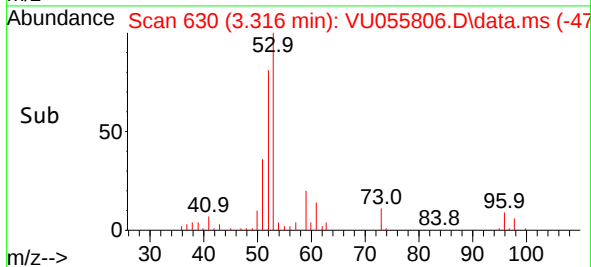
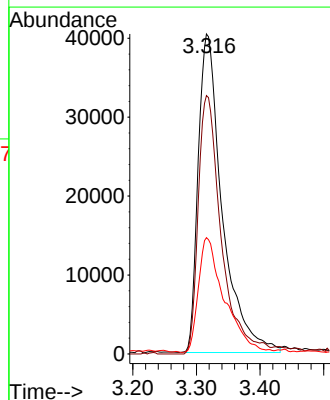
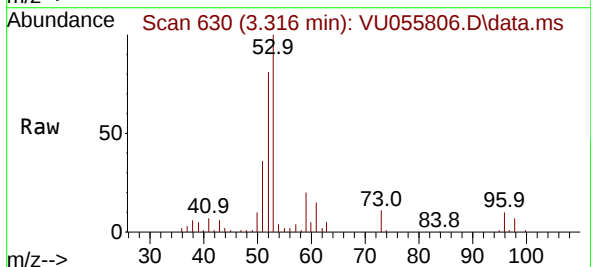
Tgt Ion: 53 Resp: 106116

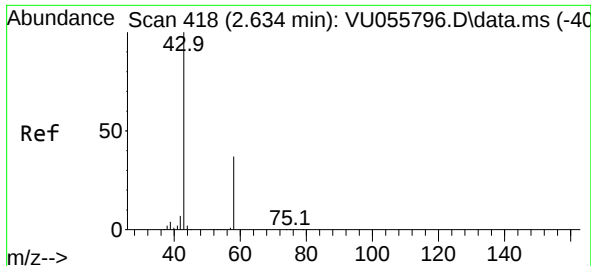
Ion Ratio Lower Upper

53 100

52 77.8 62.9 94.3

51 38.9 27.8 41.6





#13

Acetone

Concen: 41.000 ug/l

RT: 2.634 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 44393

Ion Ratio Lower Upper

43 100

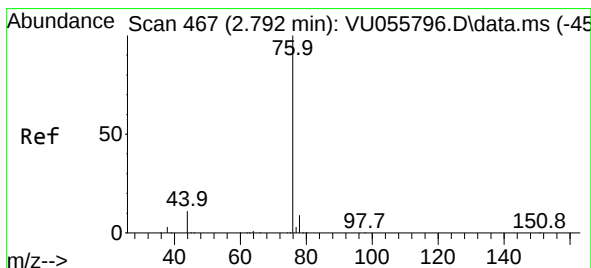
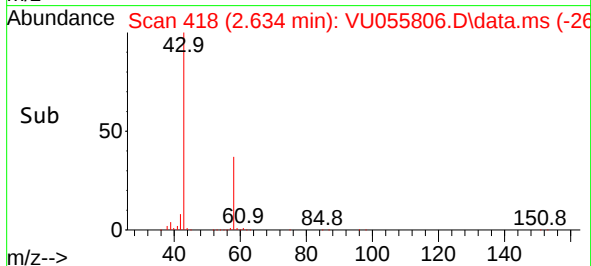
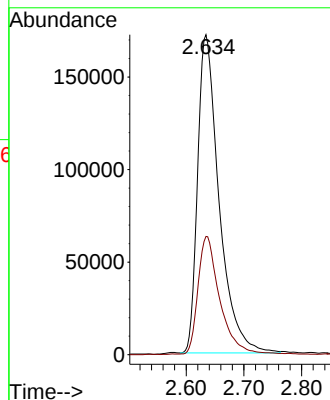
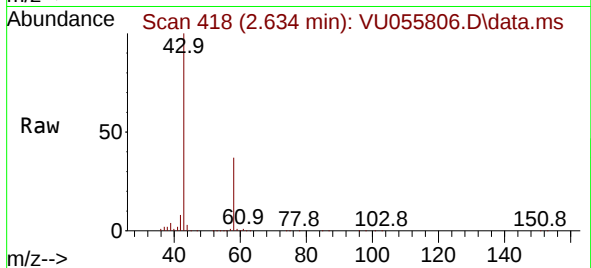
58 37.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#14

Carbon Disulfide

Concen: 9.521 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU055806.D

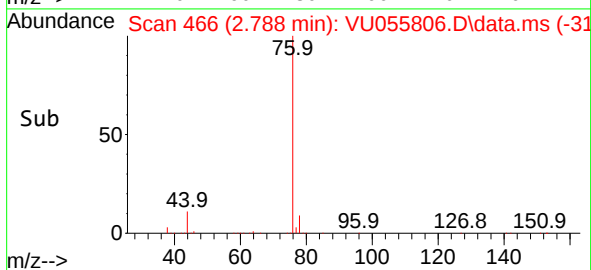
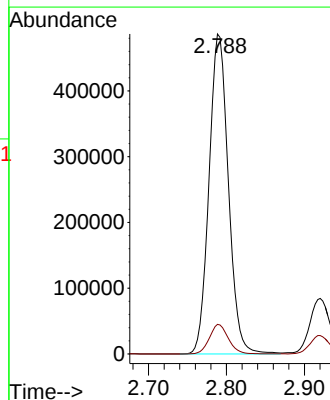
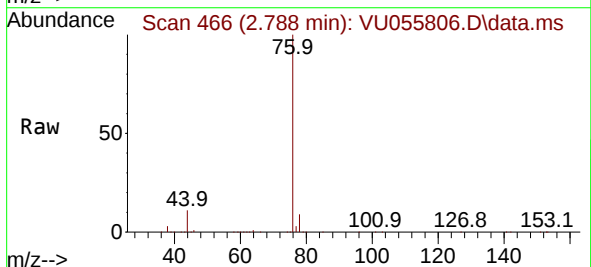
Acq: 18 Oct 2023 18:19

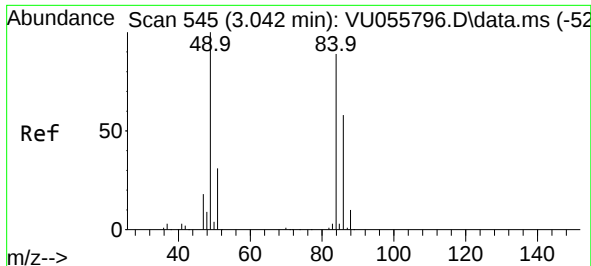
Tgt Ion: 76 Resp: 839435

Ion Ratio Lower Upper

76 100

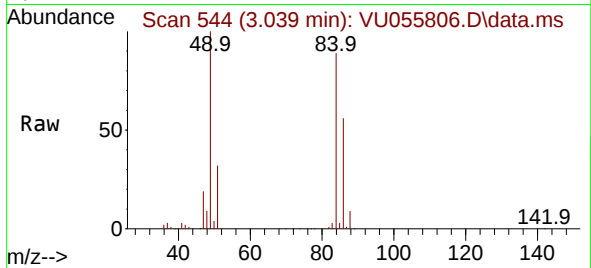
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 9.777 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

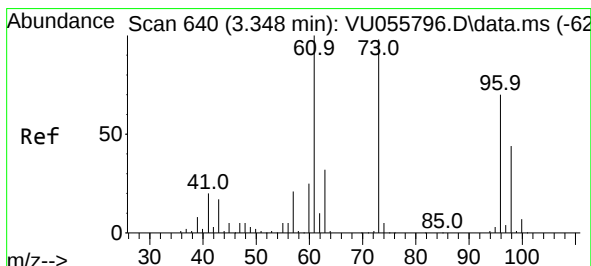
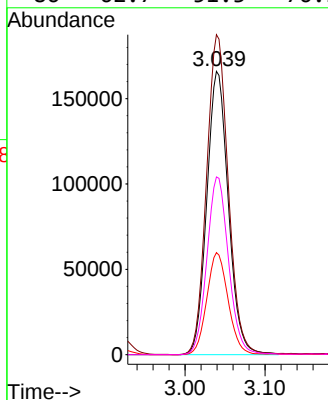
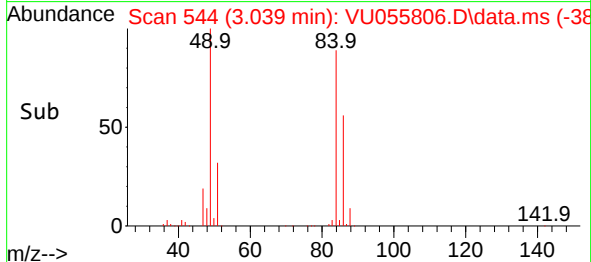
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 311472
Ion Ratio Lower Upper
84 100
49 112.9 98.9 148.3
51 36.0 0.0 75.4
86 62.7 51.3 76.9

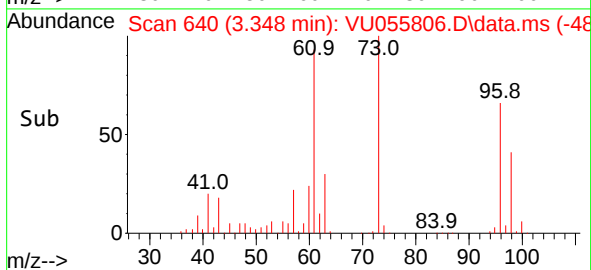
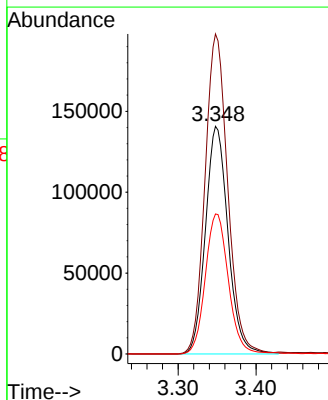
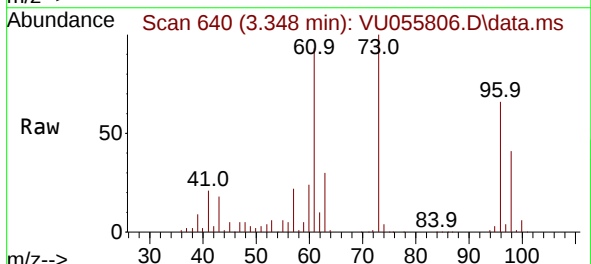
Manual Integrations
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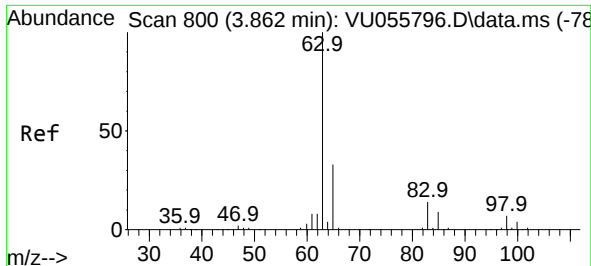
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
trans-1,2-Dichloroethene
Concen: 9.906 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Tgt Ion: 96 Resp: 283576
Ion Ratio Lower Upper
96 100
61 140.5 117.5 176.3
98 61.5 48.3 72.5





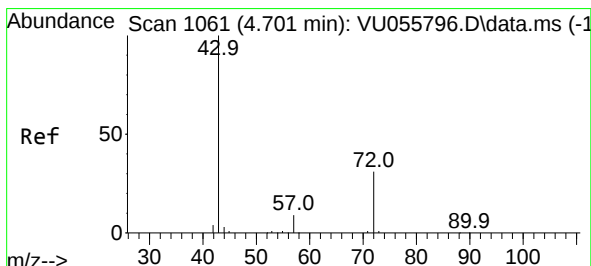
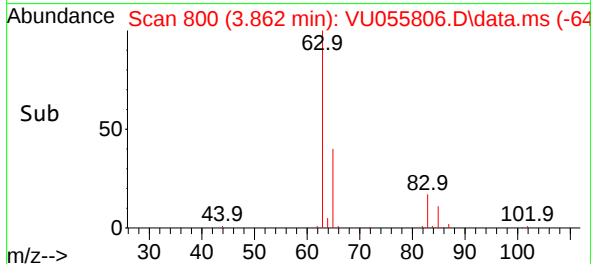
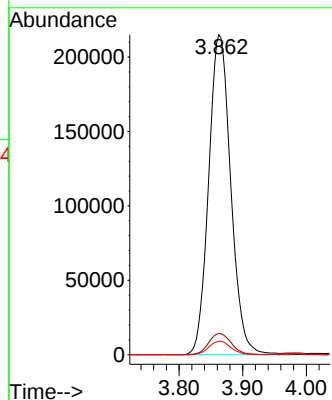
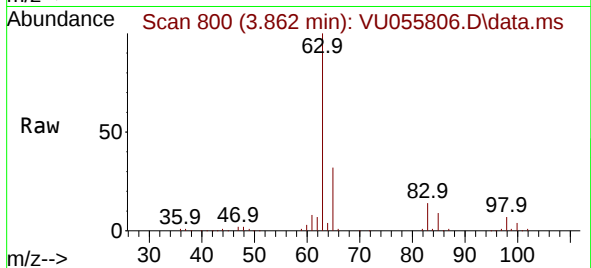
#17
1,1-Dichloroethane
Concen: 9.742 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 518652
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.2 2.2 6.6

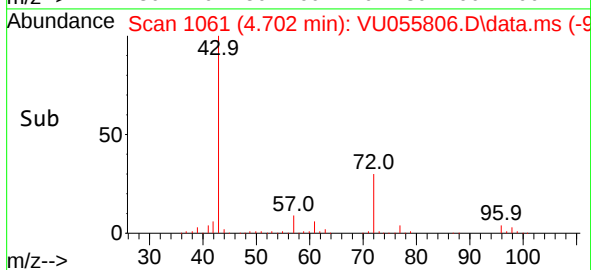
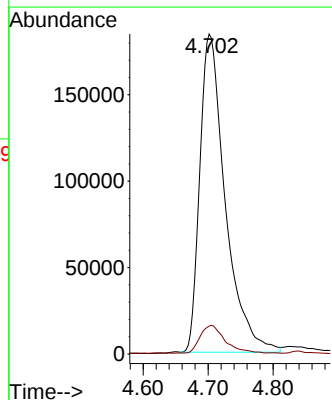
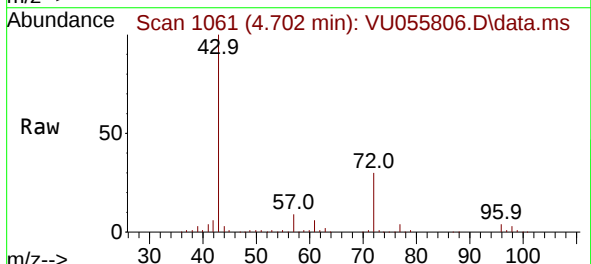
Manual Integrations
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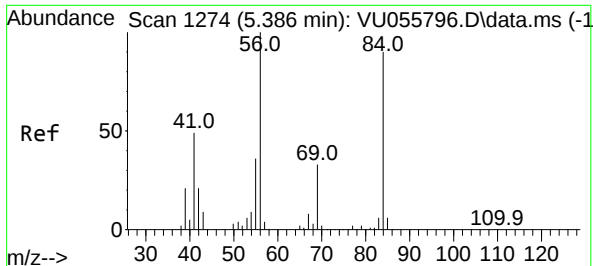
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#18
2-Butanone
Concen: 43.044 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. 0.001 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Tgt Ion: 43 Resp: 502133
Ion Ratio Lower Upper
43 100
57 8.5 0.0 19.6





#19

Cyclohexane

Concen: 10.227 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 46446

Ion Ratio Lower Upper

56 100

69 32.4 24.6 37.0

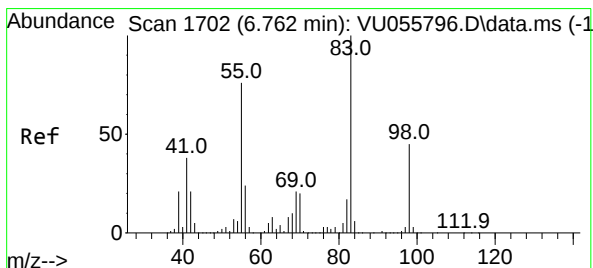
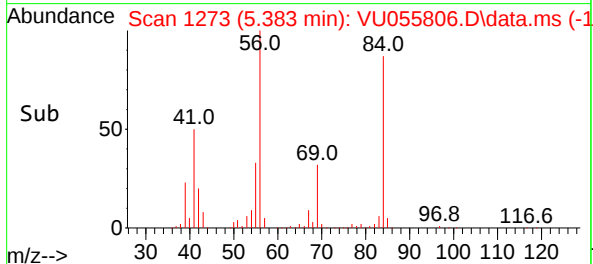
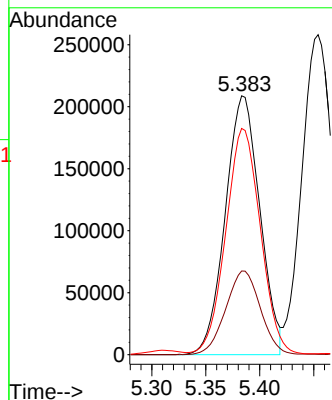
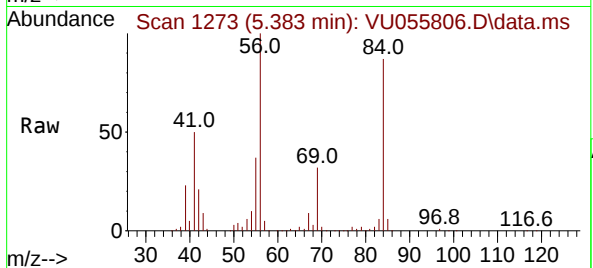
84 86.3 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#20

Methylcyclohexane

Concen: 10.354 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

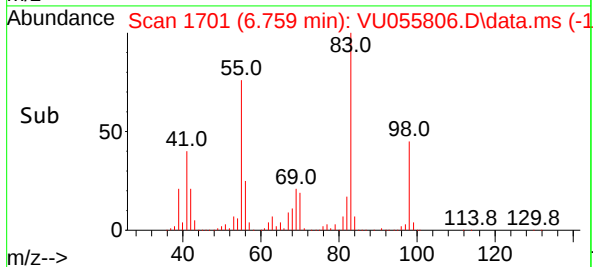
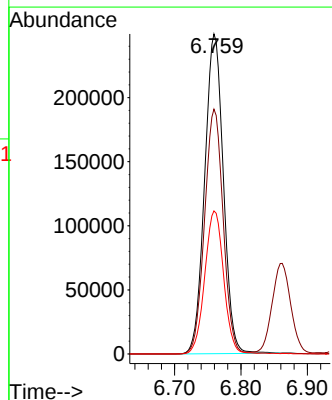
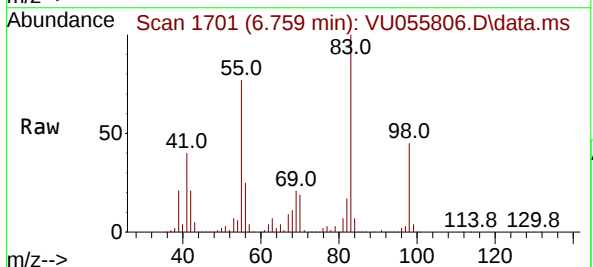
Tgt Ion: 83 Resp: 488566

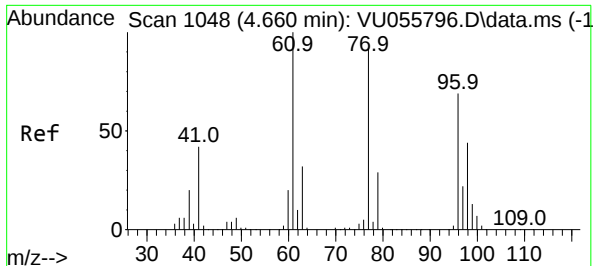
Ion Ratio Lower Upper

83 100

55 75.3 63.5 95.3

98 44.8 36.0 54.0





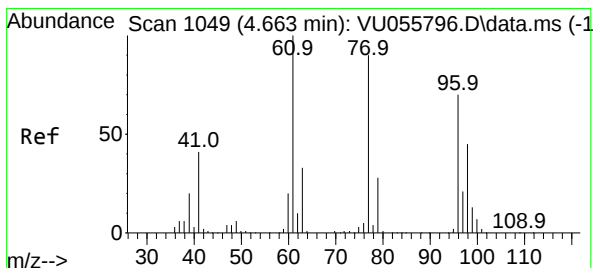
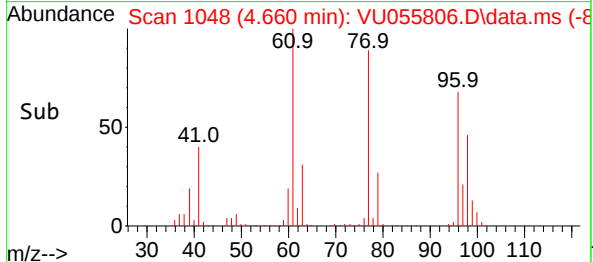
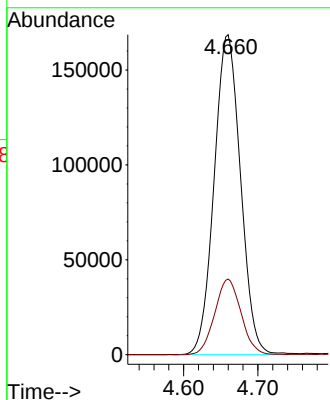
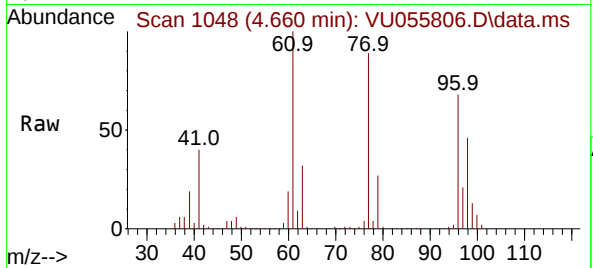
#21
2,2-Dichloropropane
Concen: 9.277 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 41590
Ion Ratio Lower Upper
77 100
97 23.6 18.4 27.6

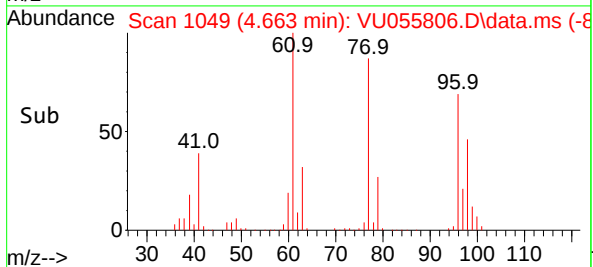
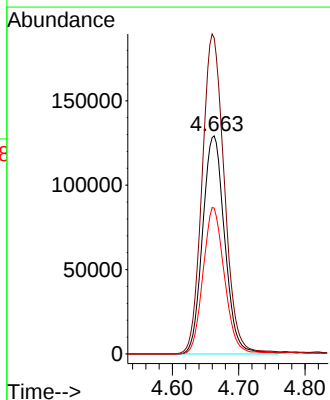
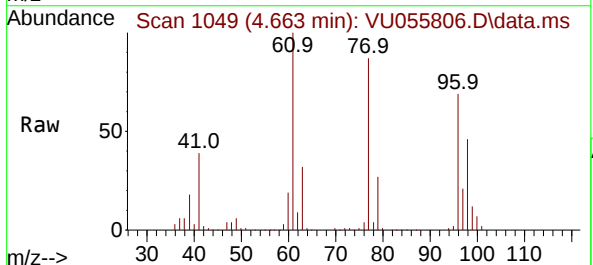
Manual Integrations
APPROVED

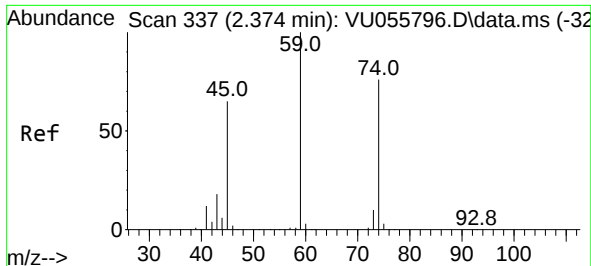
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
cis-1,2-Dichloroethene
Concen: 9.799 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

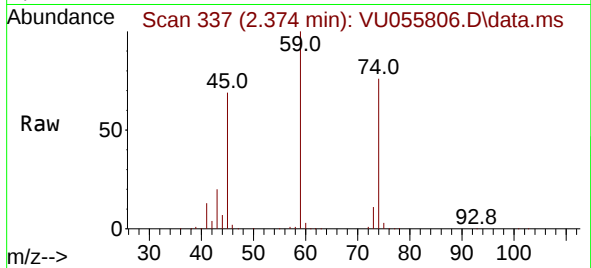
Tgt Ion: 96 Resp: 298970
Ion Ratio Lower Upper
96 100
61 147.8 0.0 365.8
98 64.9 32.0 96.0





#23
Diethyl Ether
Concen: 10.373 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

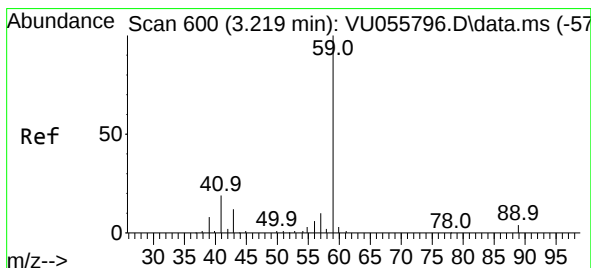
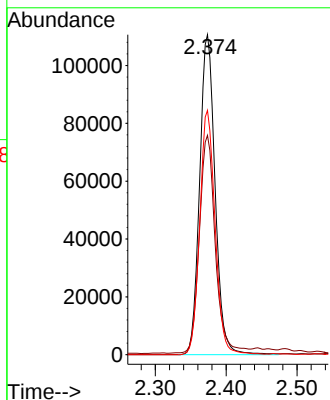
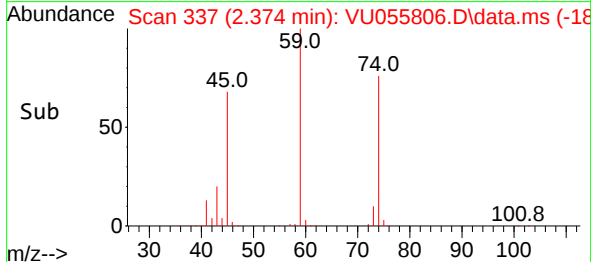
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 16749
Ion Ratio Lower Upper
59 100
45 70.2 56.1 84.1
74 76.1 57.4 86.2

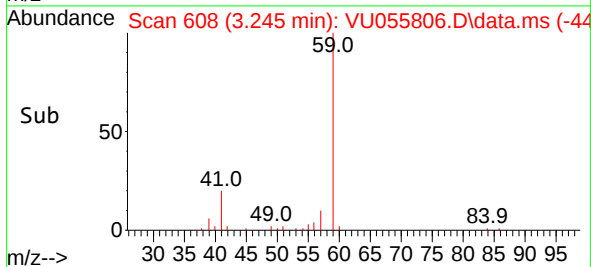
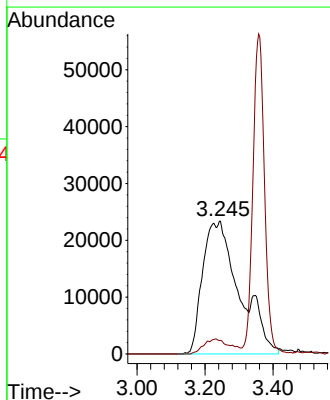
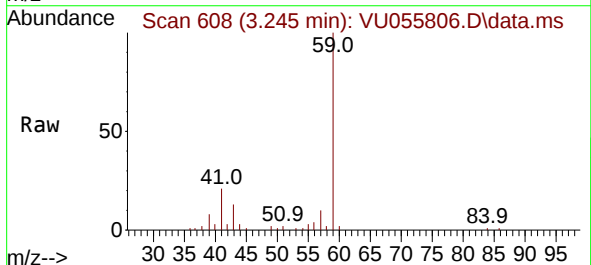
Manual Integrations
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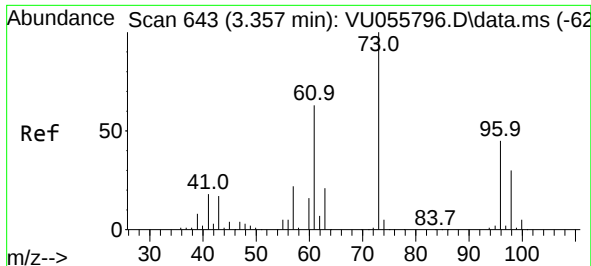
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#24
tert-Butyl Alcohol
Concen: 106.442 ug/l m
RT: 3.245 min Scan# 608
Delta R.T. 0.026 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

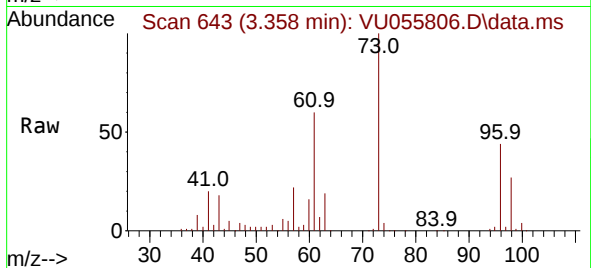
Tgt Ion: 59 Resp: 176273
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.373 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

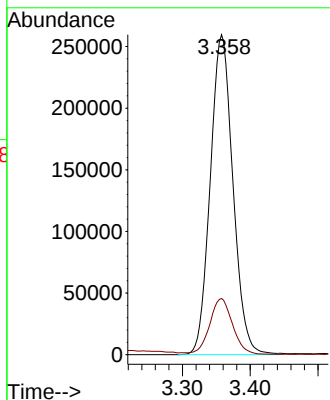
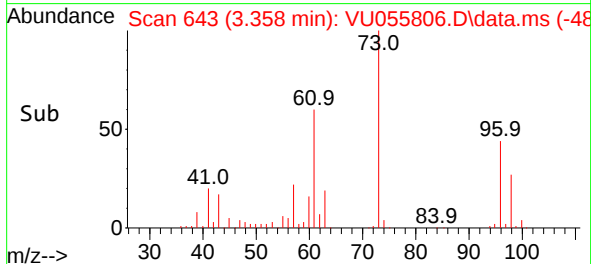
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 602900
Ion Ratio Lower Upper
73 100
43 17.6 15.0 22.6

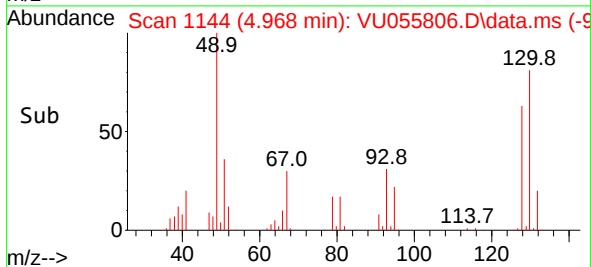
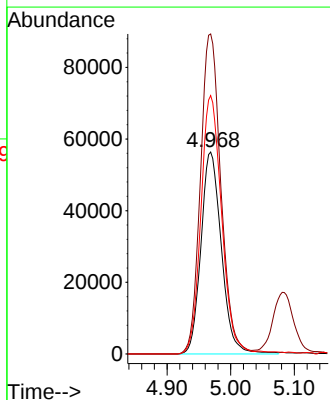
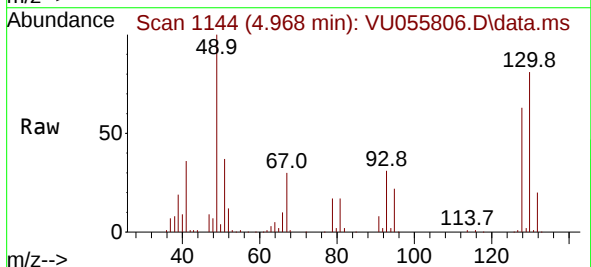
Manual Integrations
APPROVED

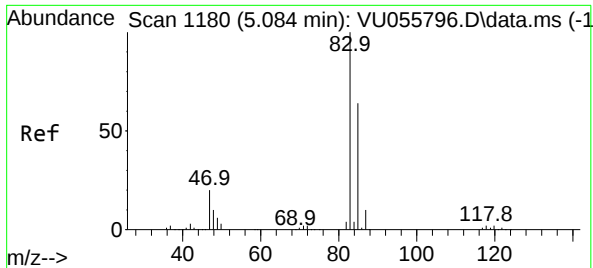
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#26
Bromochloromethane
Concen: 9.718 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

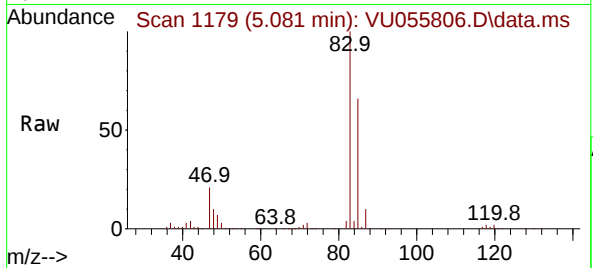
Tgt Ion:128 Resp: 125672
Ion Ratio Lower Upper
128 100
49 158.7 0.0 324.6
130 129.5 103.0 154.4





#27
Chloroform
Concen: 9.650 ug/l
RT: 5.081 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

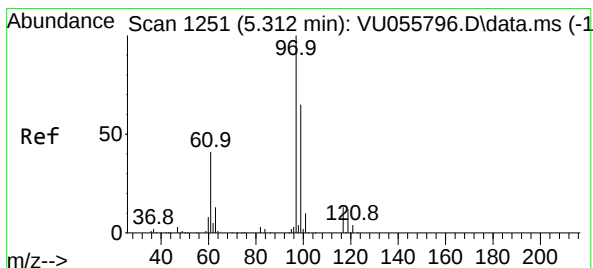
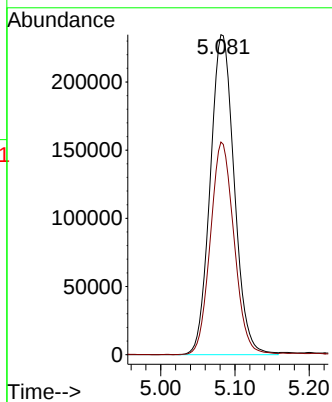
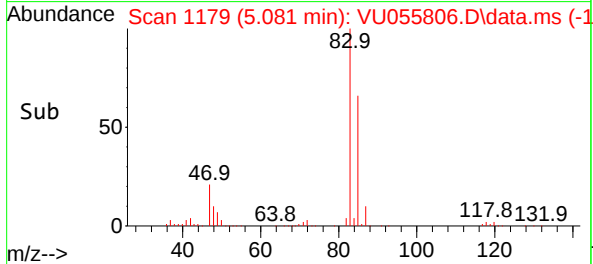
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



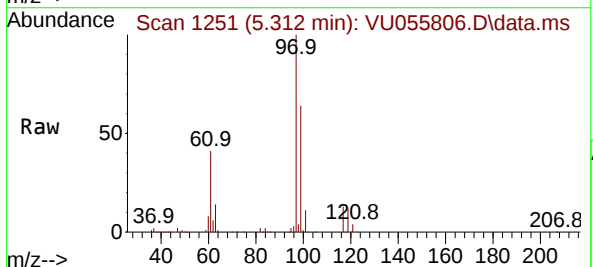
Tgt Ion: 83 Resp: 527168
Ion Ratio Lower Upper
83 100
85 66.4 0.0 126.4

Manual Integrations
APPROVED

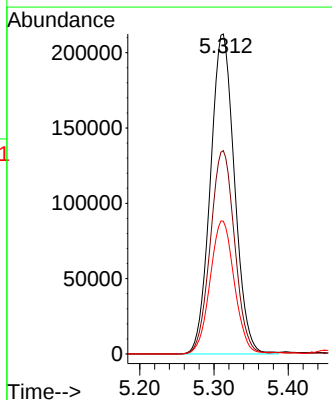
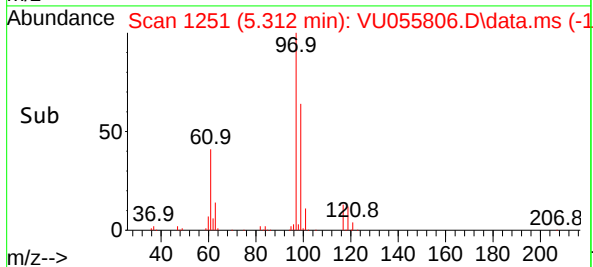
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

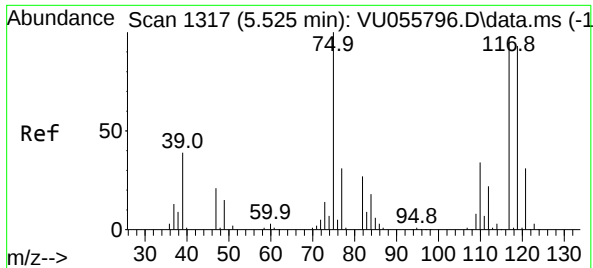


#28
1,1,1-Trichloroethane
Concen: 9.790 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion: 97 Resp: 479365
Ion Ratio Lower Upper
97 100
99 64.1 32.0 96.2
61 41.8 22.9 68.5





#29

1,1-Dichloropropene

Concen: 9.993 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.004 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 38754

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

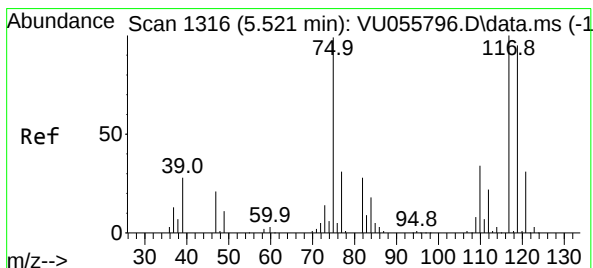
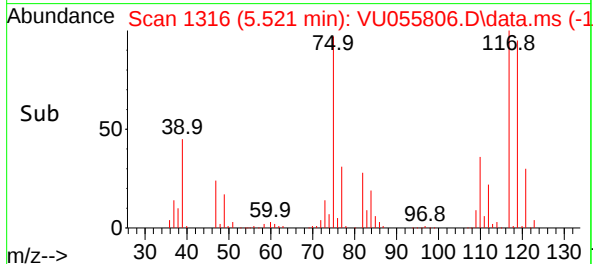
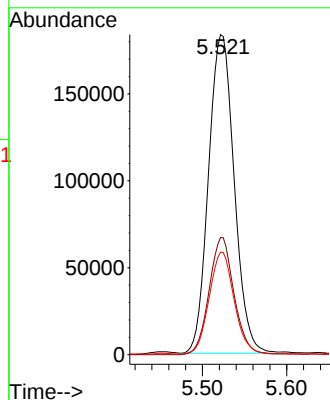
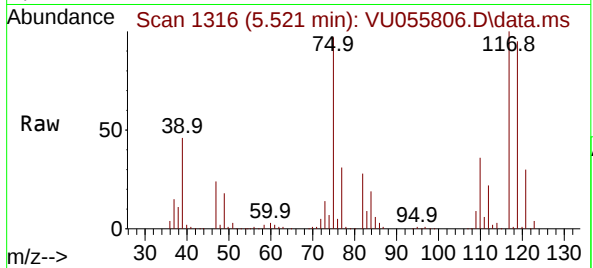
77 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#30

Carbon Tetrachloride

Concen: 9.793 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

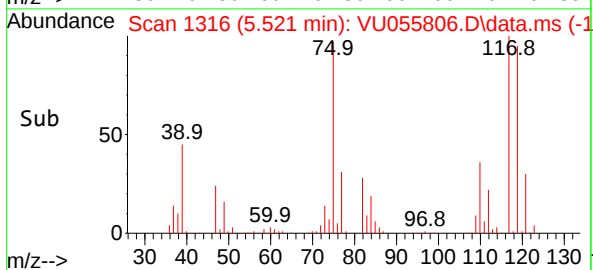
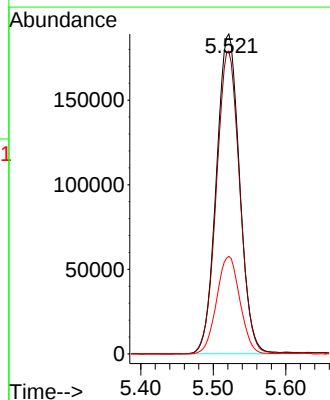
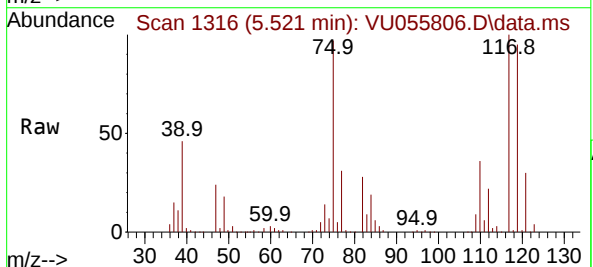
Tgt Ion:117 Resp: 418592

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.0

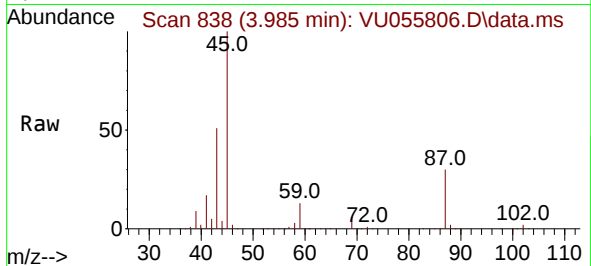
121 30.5 24.0 36.0





#31
Isopropyl Ether
Concen: 10.362 ug/l
RT: 3.985 min Scan# 811
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

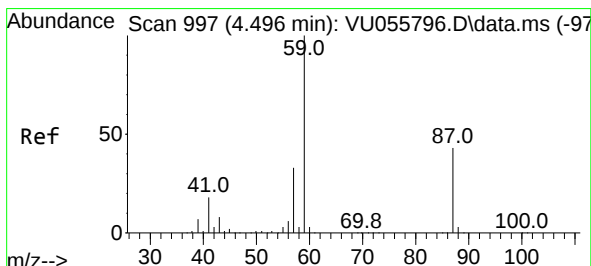
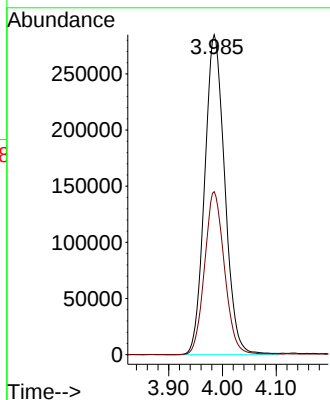
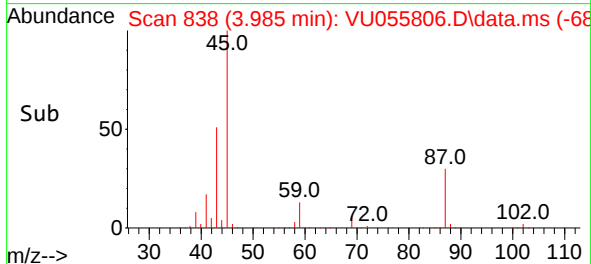
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



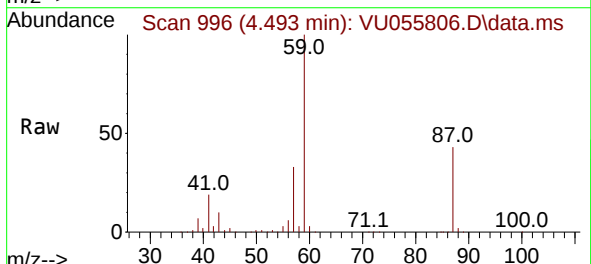
Tgt Ion: 45 Resp: 74112
Ion Ratio Lower Upper
45 100
43 50.4 27.5 82.5

Manual Integrations
APPROVED

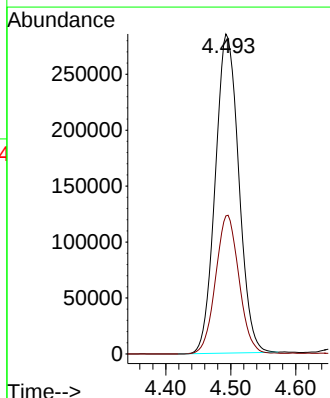
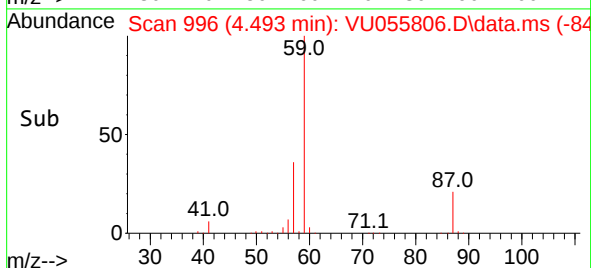
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

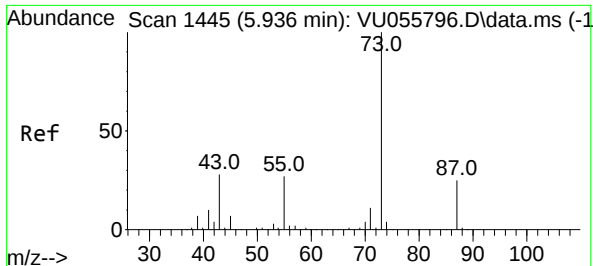


#32
Ethyl-t-butyl ether
Concen: 10.364 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



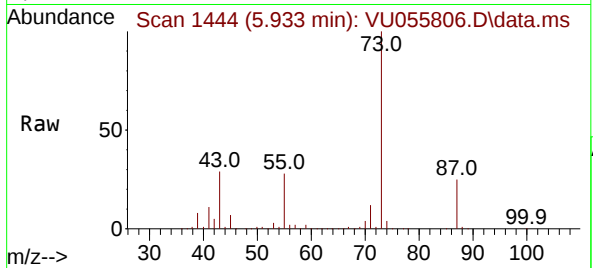
Tgt Ion: 59 Resp: 715556
Ion Ratio Lower Upper
59 100
87 43.2 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 10.165 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

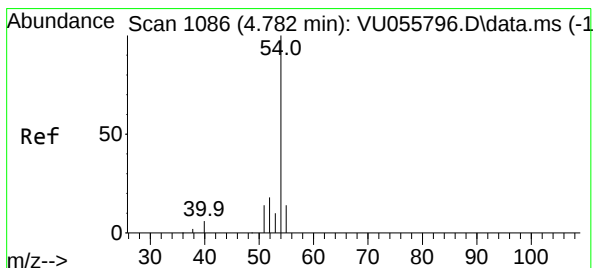
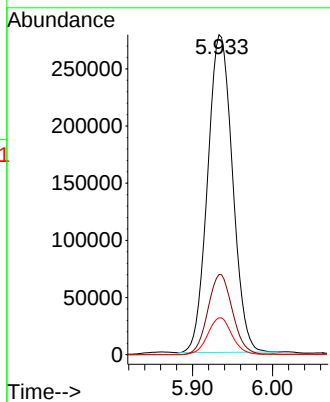
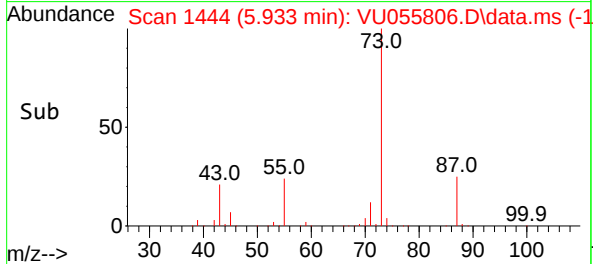
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 601420
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 11.2 9.9 14.9

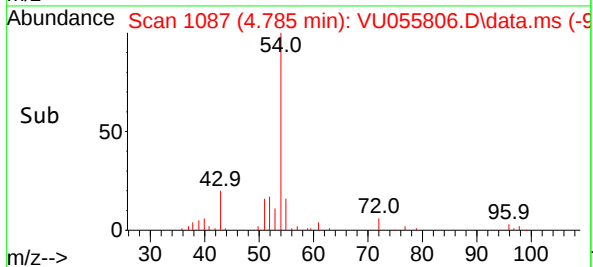
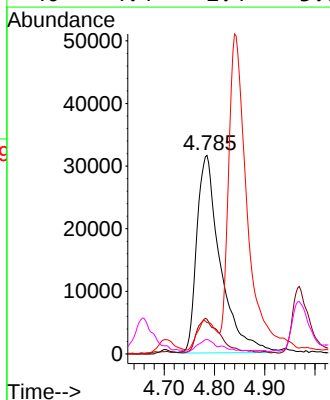
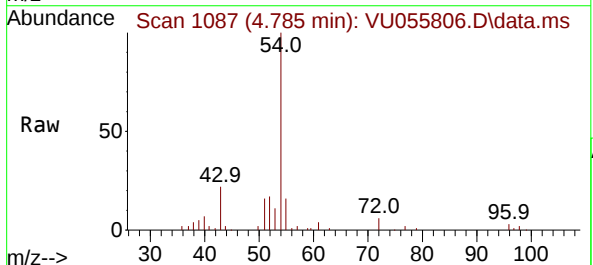
Manual Integrations
APPROVED

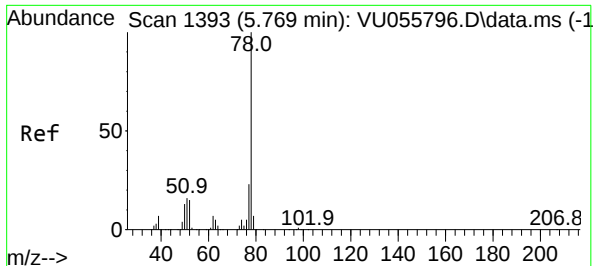
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#34
Propionitrile
Concen: 55.722 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

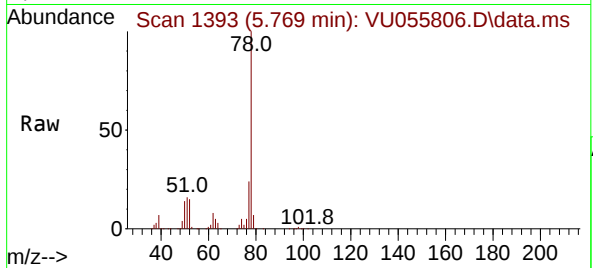
Tgt Ion: 54 Resp: 102835
Ion Ratio Lower Upper
54 100
52 16.4 17.4 26.0#
55 12.3 104.1 156.1#
40 4.4 2.4 3.6#





#35
Benzene
Concen: 9.615 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

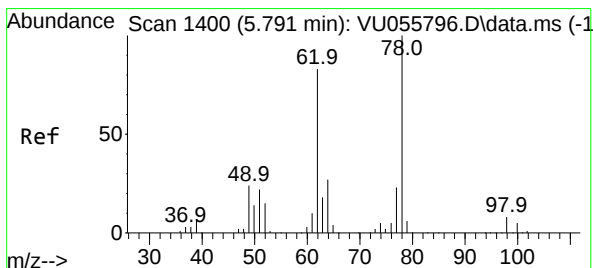
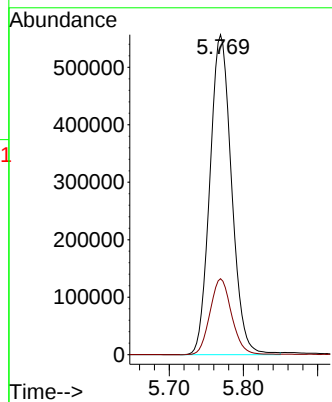
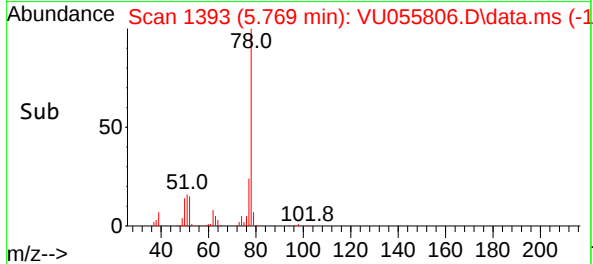
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



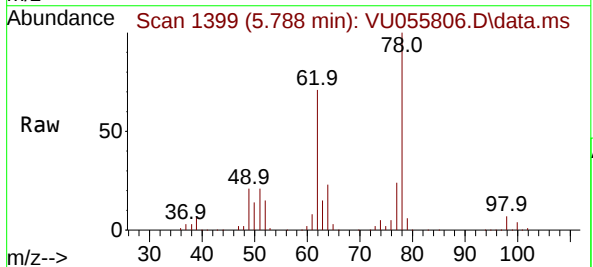
Tgt Ion: 78 Resp: 112956
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

Manual Integrations
APPROVED

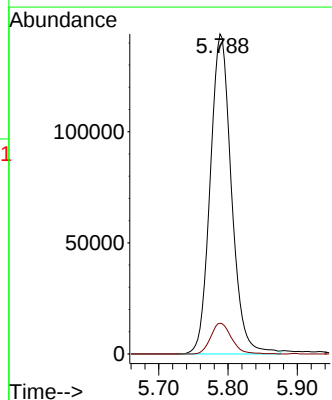
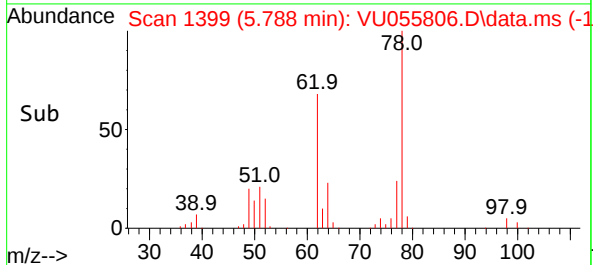
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

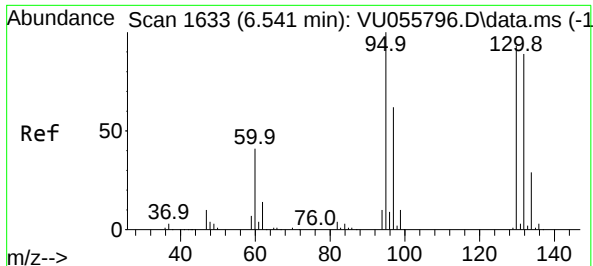


#36
1,2-Dichloroethane
Concen: 9.612 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion: 62 Resp: 306660
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#37

Trichloroethene

Concen: 9.789 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 29918

Ion Ratio Lower Upper

130 100

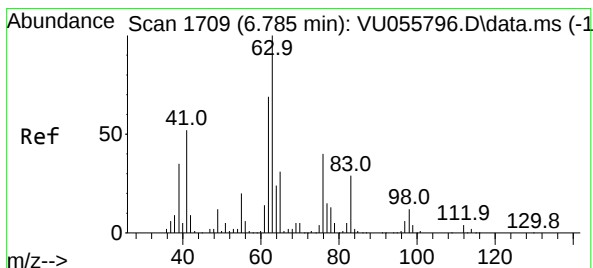
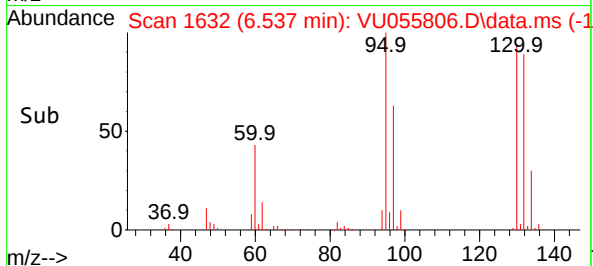
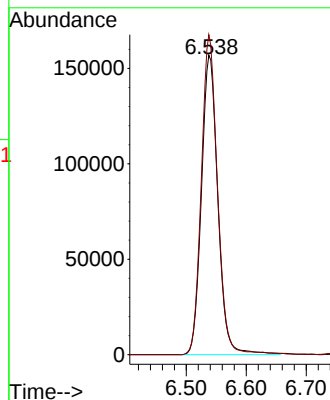
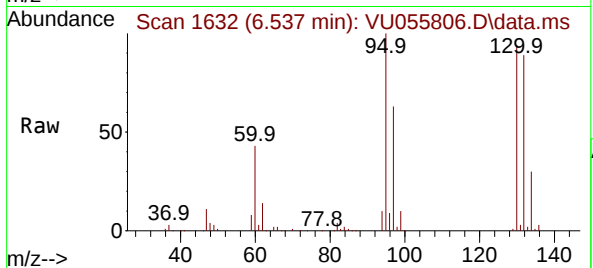
95 106.8 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

1,2-Dichloropropane

Concen: 10.015 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU055806.D

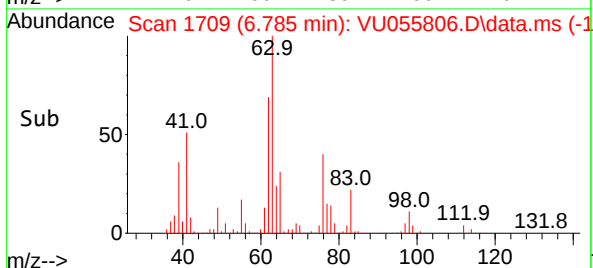
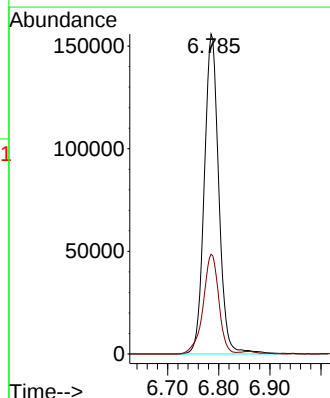
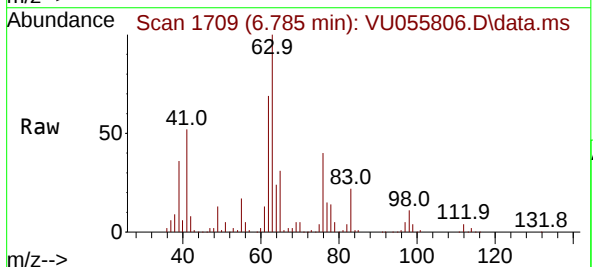
Acq: 18 Oct 2023 18:19

Tgt Ion: 63 Resp: 307249

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3





#39

Methacrylonitrile

Concen: 10.738 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 73890

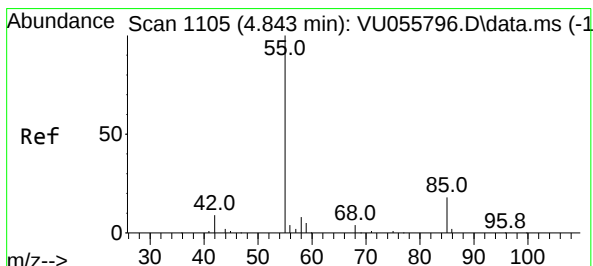
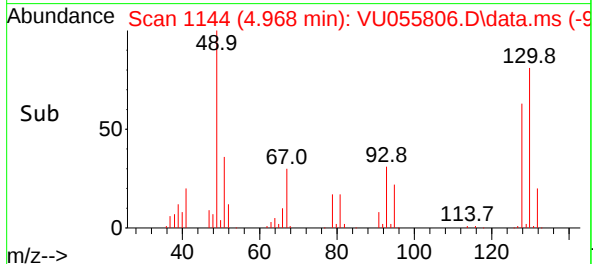
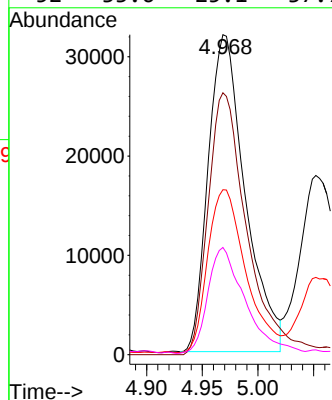
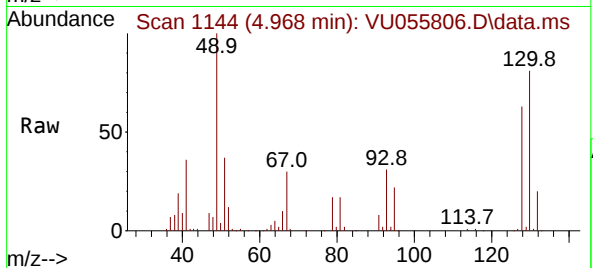
Ion	Ratio	Lower	Upper
41	100		
67	87.0	66.8	100.2
39	52.8	41.2	61.8
52	33.6	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#40

Methyl acrylate

Concen: 8.855 ug/l

RT: 4.840 min Scan# 1104

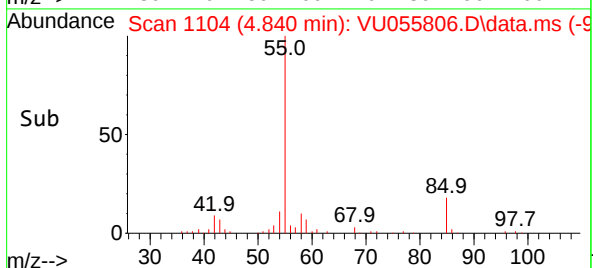
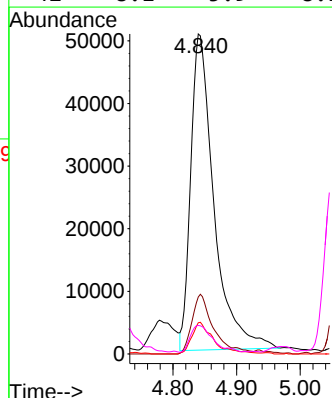
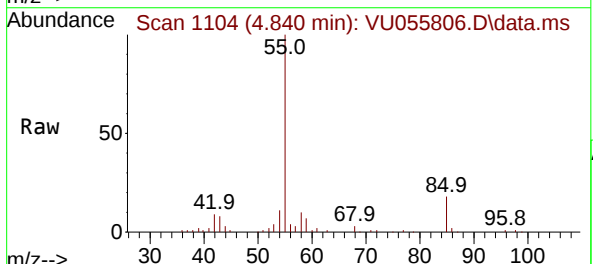
Delta R.T. -0.003 min

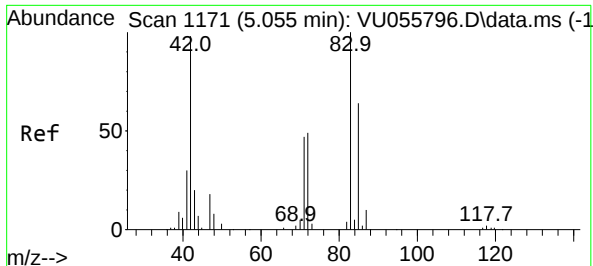
Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Tgt Ion: 55 Resp: 128049

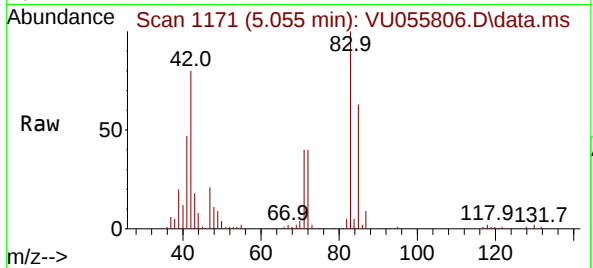
Ion	Ratio	Lower	Upper
55	100		
85	16.4	13.3	19.9
58	9.4	6.5	9.7
42	8.1	5.9	8.9





#41
Tetrahydrofuran
Concen: 19.154 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

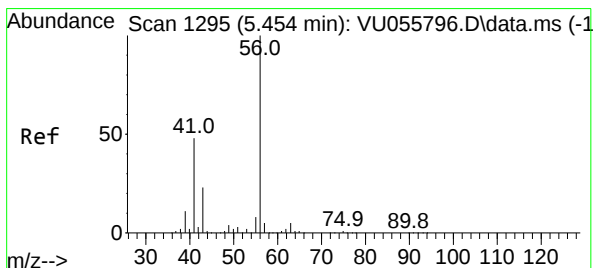
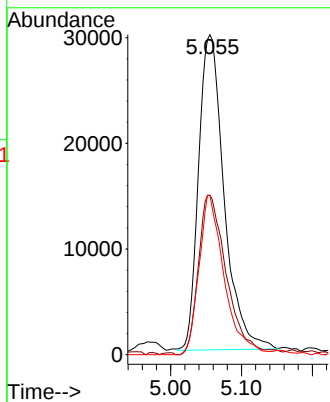
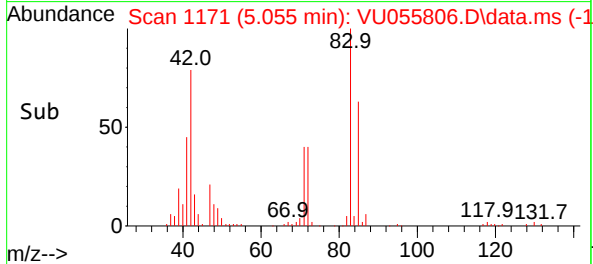
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



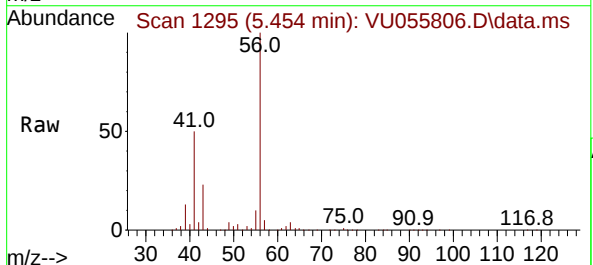
Tgt Ion: 42 Resp: 74688
Ion Ratio Lower Upper
42 100
72 55.1 40.9 61.3
71 49.8 36.9 55.3

Manual Integrations
APPROVED

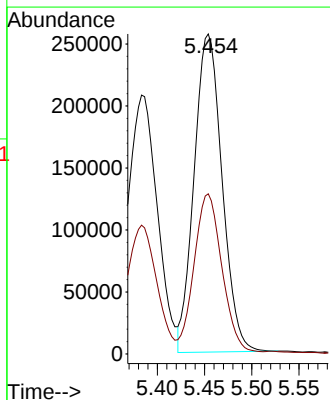
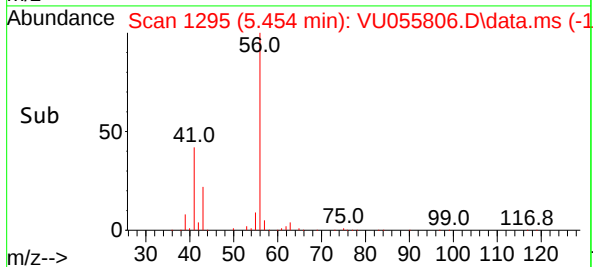
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

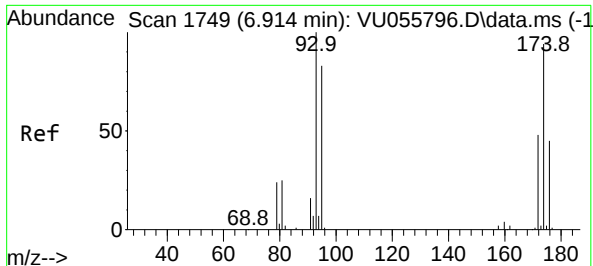


#42
1-Chlorobutane
Concen: 10.204 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion: 56 Resp: 527617
Ion Ratio Lower Upper
56 100
41 49.5 25.2 75.6





#43

Dibromomethane

Concen: 9.844 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 143539

Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.6

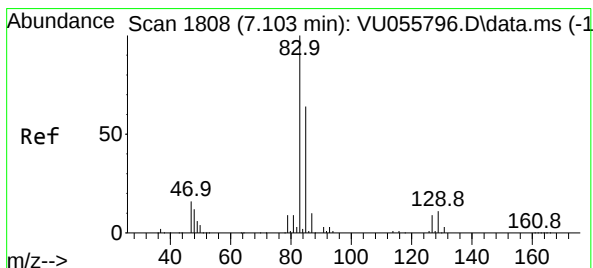
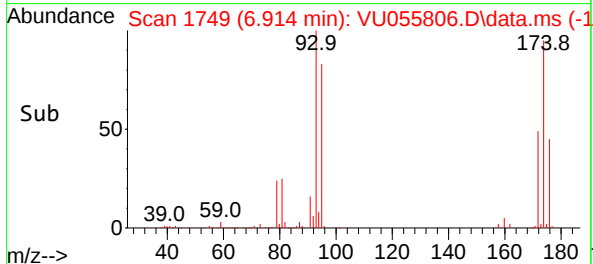
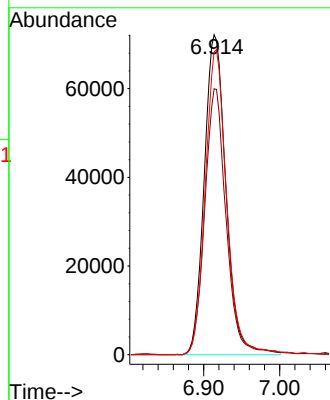
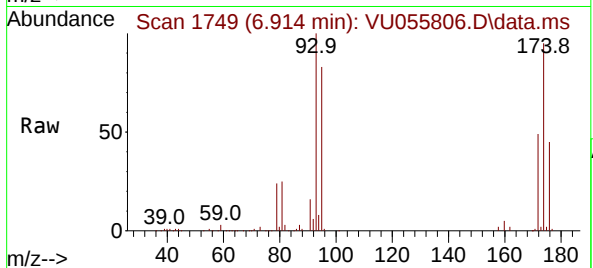
174 94.2 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#44

Bromodichloromethane

Concen: 9.778 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

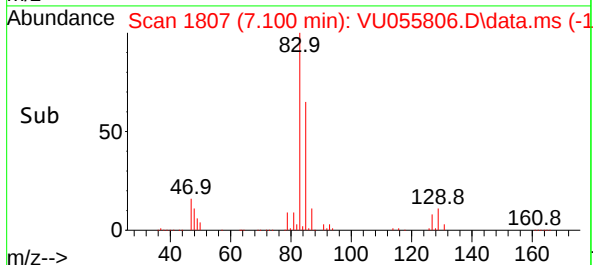
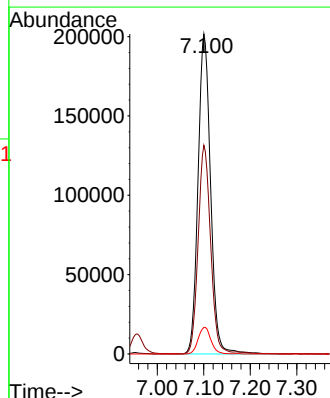
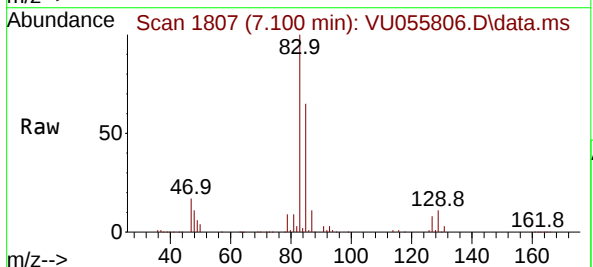
Tgt Ion: 83 Resp: 376796

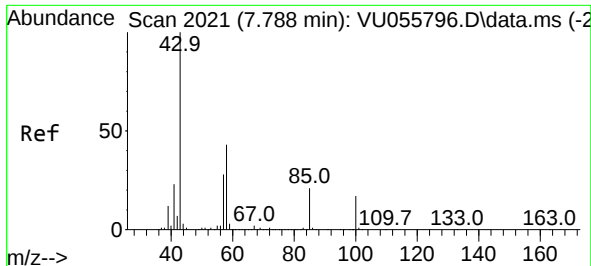
Ion Ratio Lower Upper

83 100

85 65.2 51.9 77.9

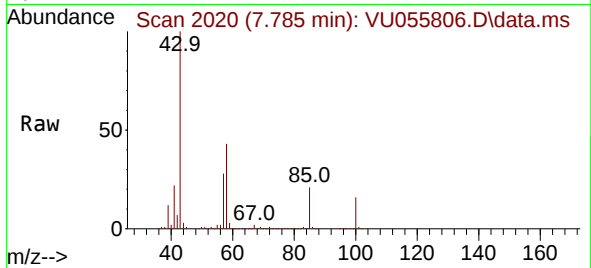
127 8.3 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 50.311 ug/l
RT: 7.785 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

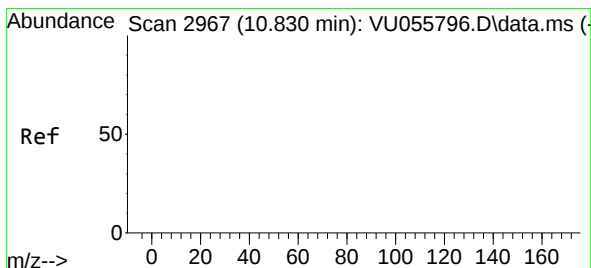
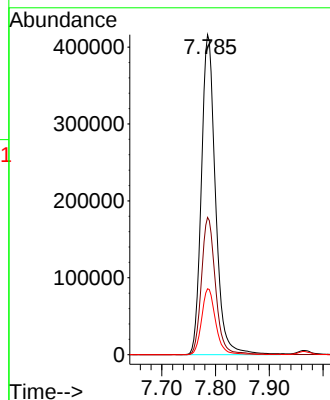
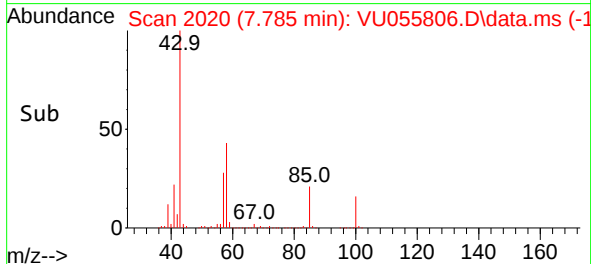
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 758699
Ion Ratio Lower Upper
43 100
58 42.9 20.9 62.8
85 20.5 14.6 21.8

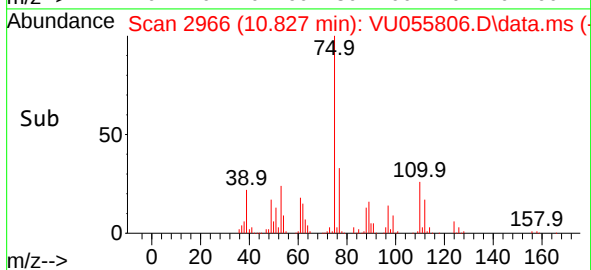
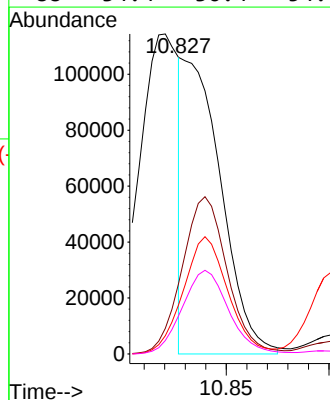
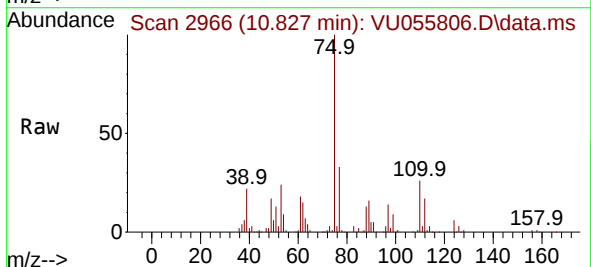
Manual Integrations
APPROVED

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



#46
t-1,4-Dichloro-2-butene
Concen: 22.794 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Tgt Ion: 75 Resp: 136745
Ion Ratio Lower Upper
75 100
53 62.9 73.3 109.9#
89 46.7 48.2 72.4#
88 34.4 36.4 54.6#





#47

Methyl methacrylate

Concen: 21.842 ug/l

RT: 6.955 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 26273

Ion Ratio Lower Upper

69 100

41 100.7 0.0 209.2

39 52.0 46.7 70.1

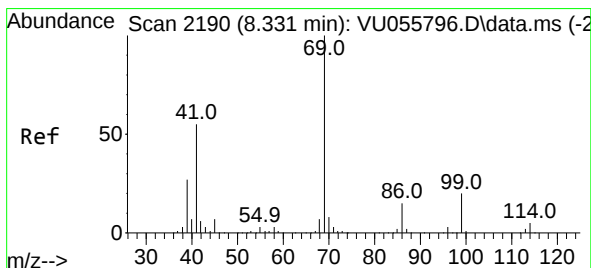
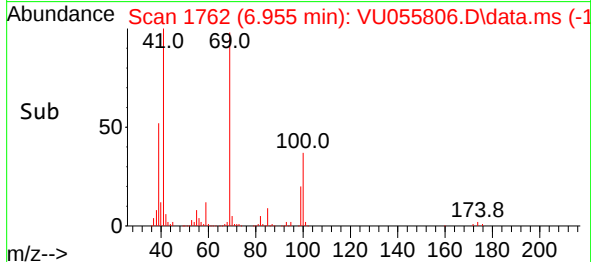
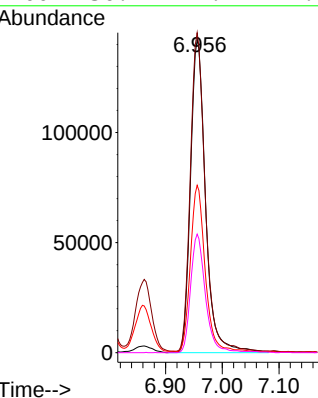
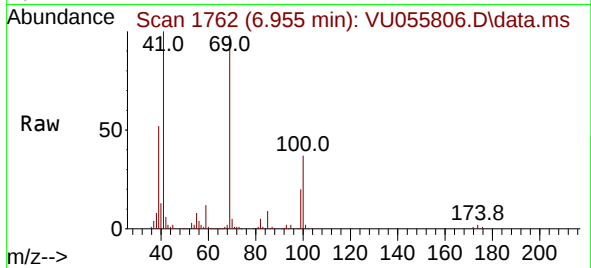
100 36.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#48

Ethyl methacrylate

Concen: 8.935 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. -0.003 min

Lab File: VU055806.D

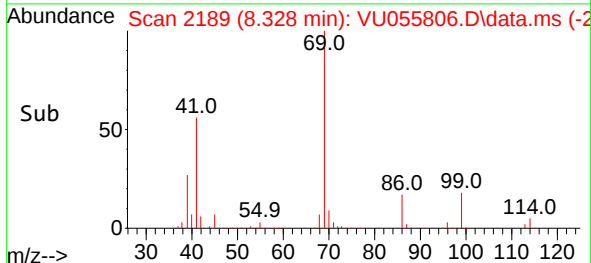
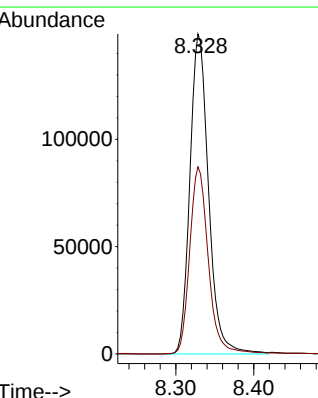
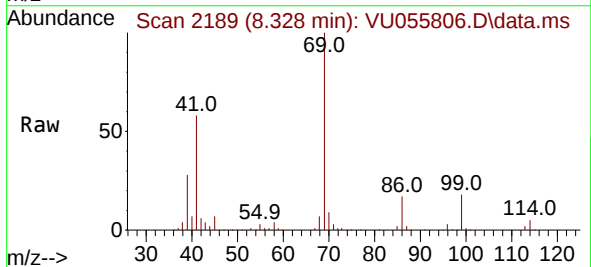
Acq: 18 Oct 2023 18:19

Tgt Ion: 69 Resp: 247882

Ion Ratio Lower Upper

69 100

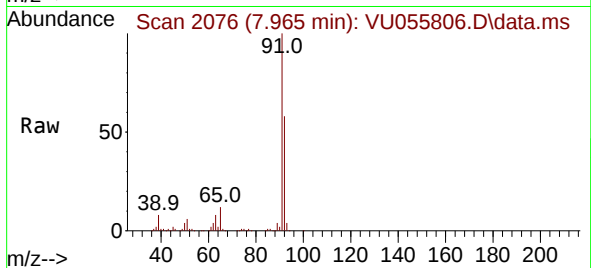
41 58.6 30.3 90.8





#49
Toluene
Concen: 10.338 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

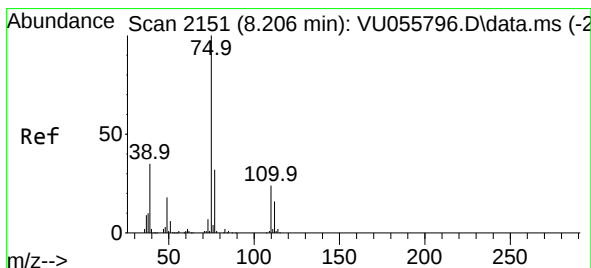
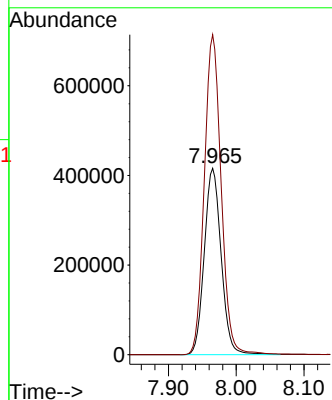
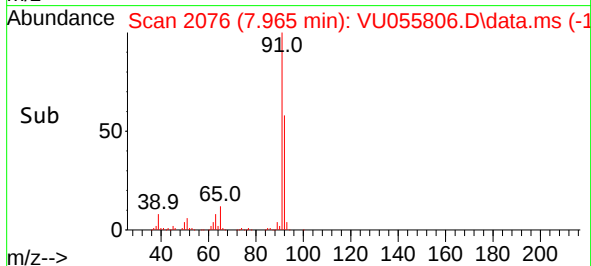
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 71879
Ion Ratio Lower Upper
92 100
91 171.0 143.0 214.6

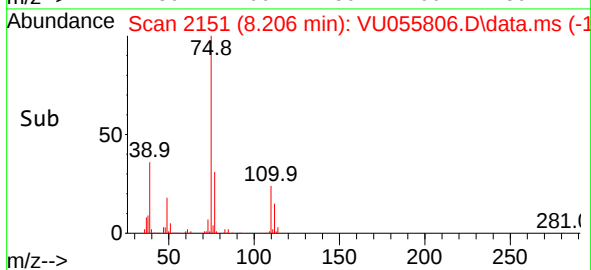
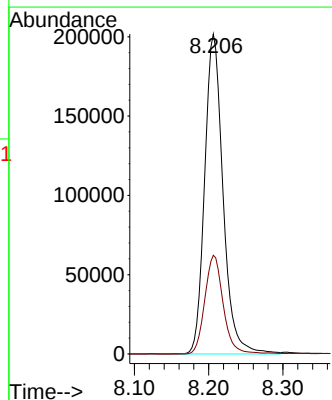
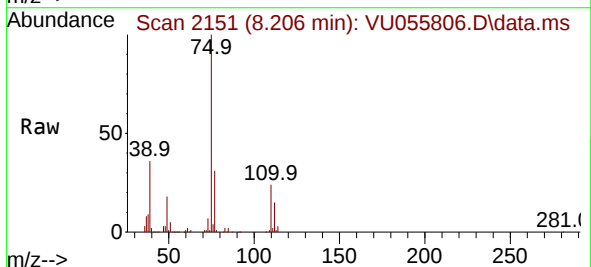
Manual Integrations
APPROVED

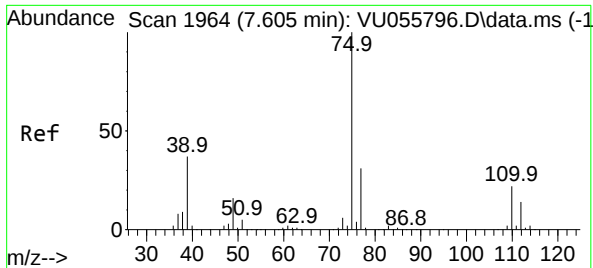
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#50
t-1,3-Dichloropropene
Concen: 10.155 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

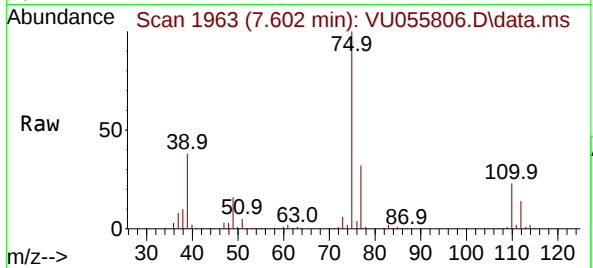
Tgt Ion: 75 Resp: 346290
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.043 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU055806.D
 Acq: 18 Oct 2023 18:19

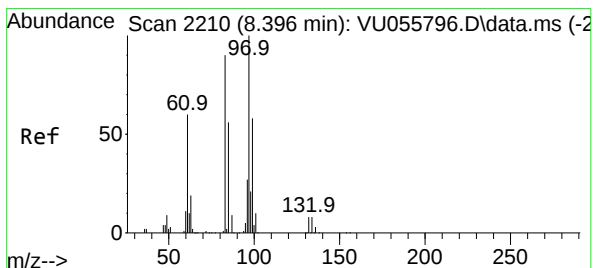
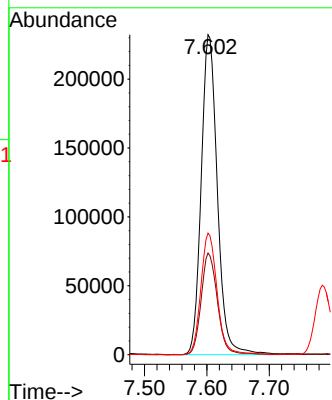
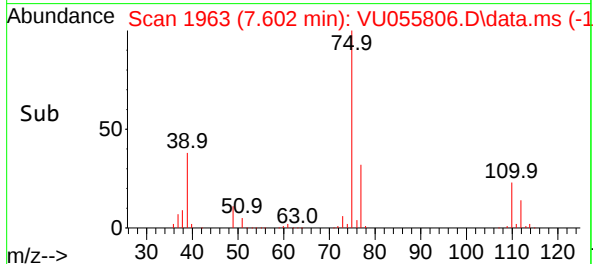
Instrument : MSVOA_U
 ClientSampleId : VSTDCCC010EC



Tgt Ion: 75 Resp: 419130
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 38.0 32.8 49.2

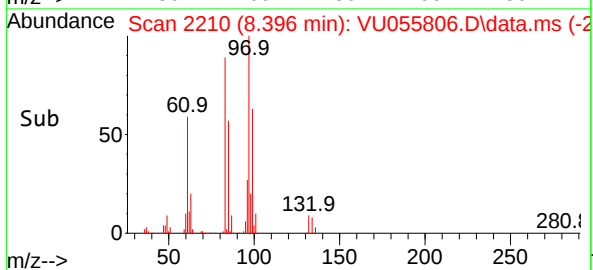
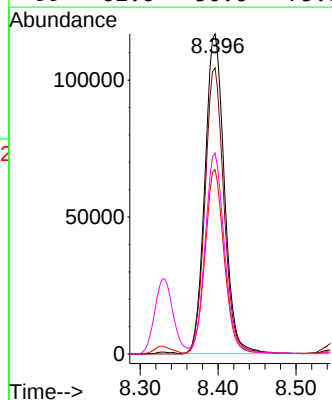
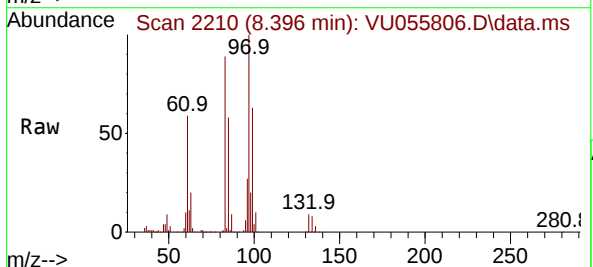
Manual Integrations
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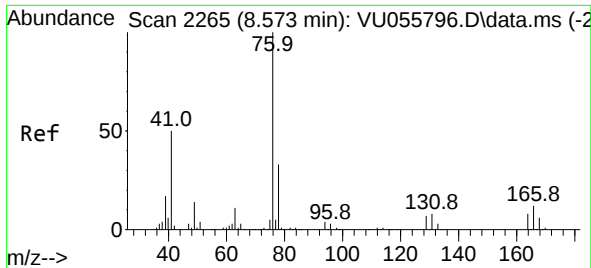
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.716 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU055806.D
 Acq: 18 Oct 2023 18:19

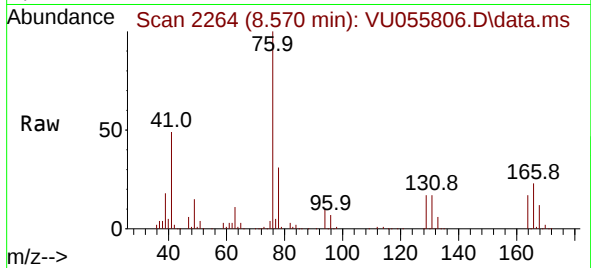
Tgt Ion: 97 Resp: 202349
 Ion Ratio Lower Upper
 97 100
 83 89.5 71.8 107.8
 85 57.4 45.2 67.8
 99 62.6 50.6 75.8





#53
1,3-Dichloropropane
Concen: 9.909 ug/l
RT: 8.570 min Scan# 2265
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

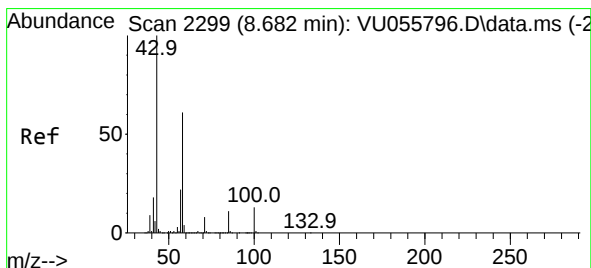
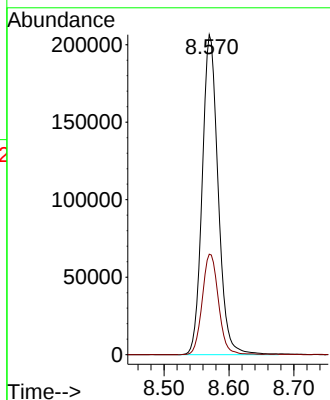
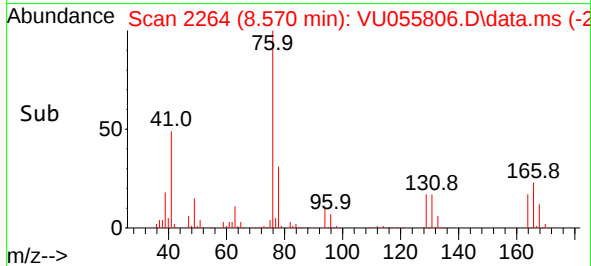
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 35272
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9

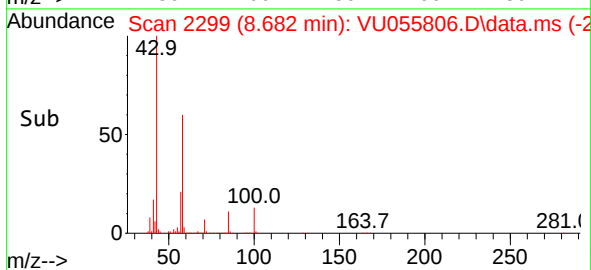
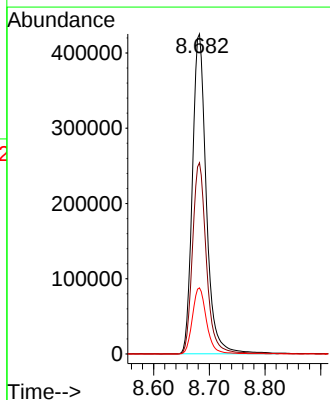
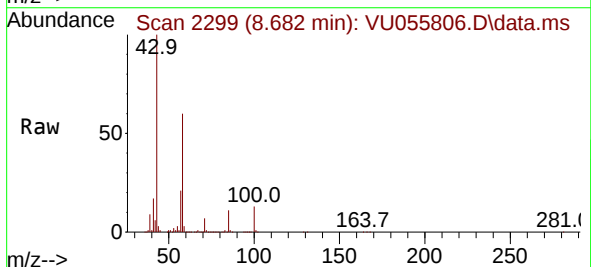
Manual Integrations
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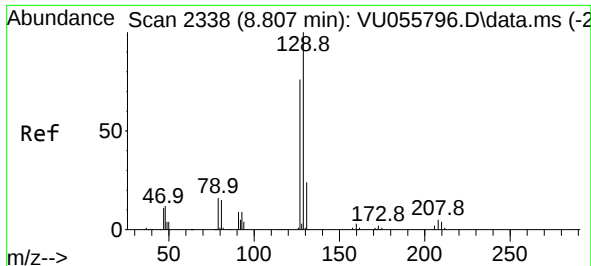
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#54
2-Hexanone
Concen: 43.644 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Tgt Ion: 43 Resp: 737337
Ion Ratio Lower Upper
43 100
58 59.7 38.2 78.2
57 21.0 0.0 39.1





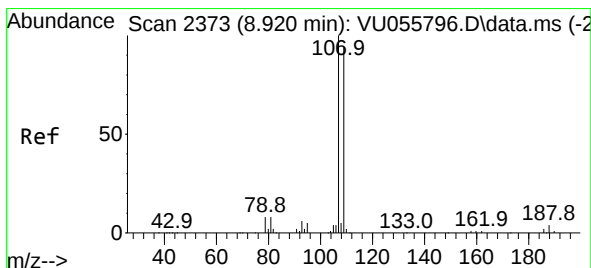
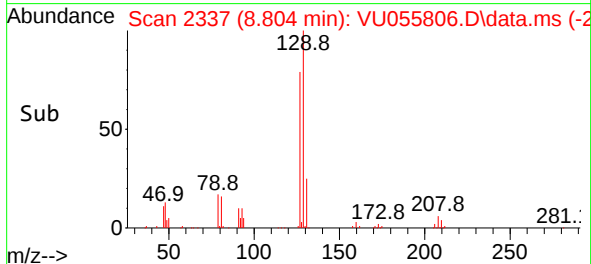
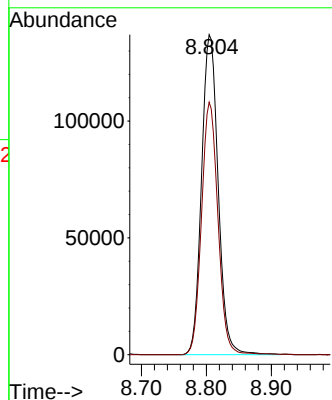
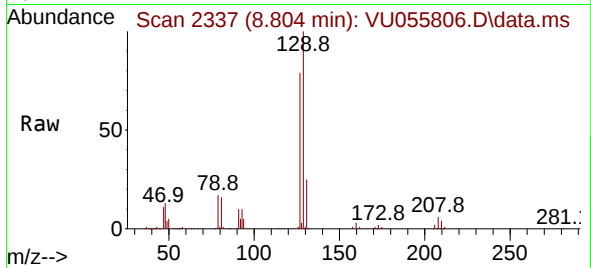
#55
Dibromochloromethane
Concen: 9.709 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 244083
Ion Ratio Lower Upper
129 100
127 78.1 61.4 92.0

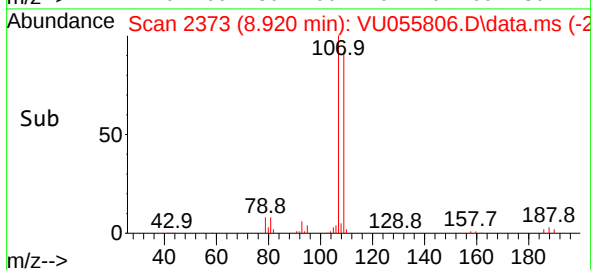
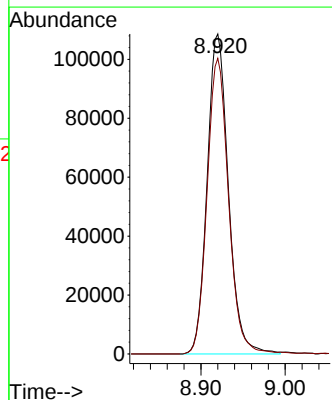
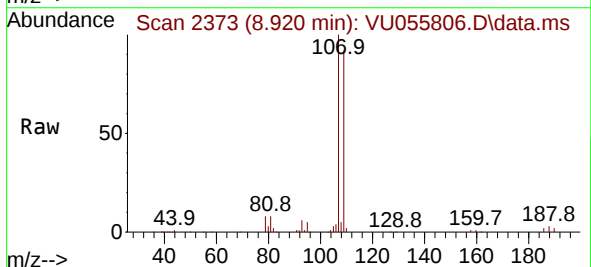
Manual Integrations
APPROVED

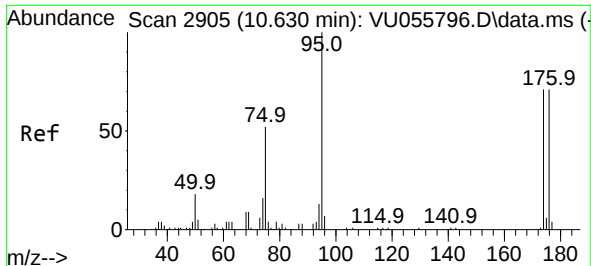
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#56
1,2-Dibromoethane
Concen: 10.028 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

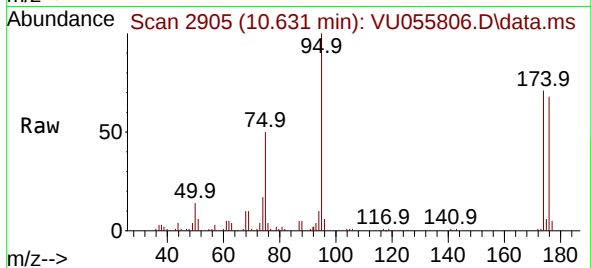
Tgt Ion:107 Resp: 190818
Ion Ratio Lower Upper
107 100
109 93.1 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

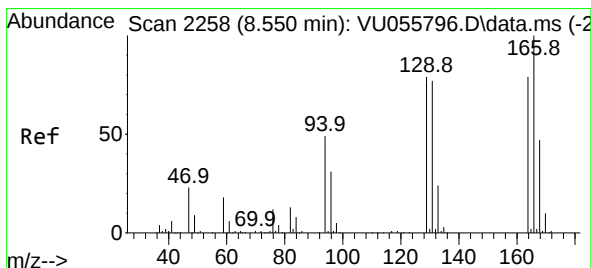
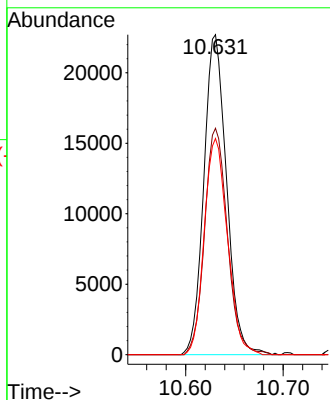
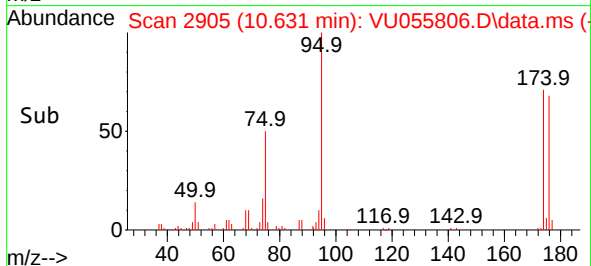
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 36700
Ion Ratio Lower Upper
95 100
174 71.1 63.3 94.9
176 69.1 59.3 88.9

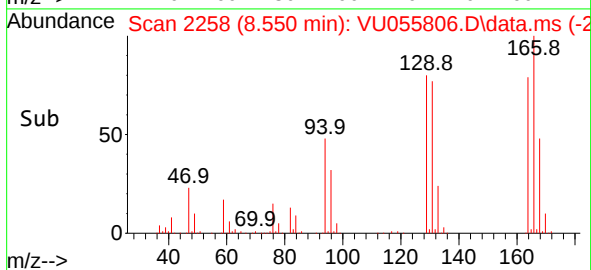
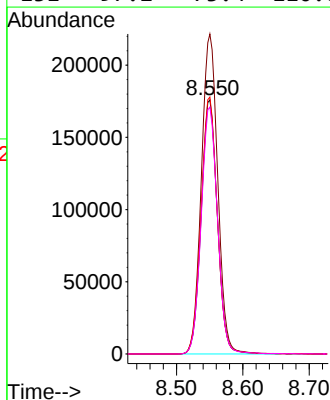
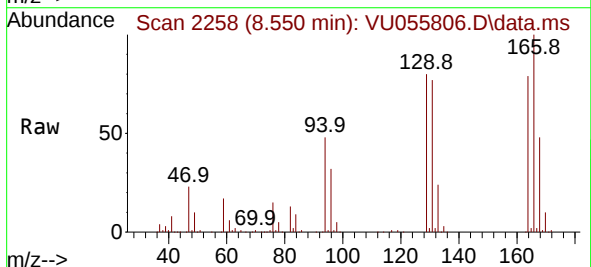
Manual Integrations
APPROVED

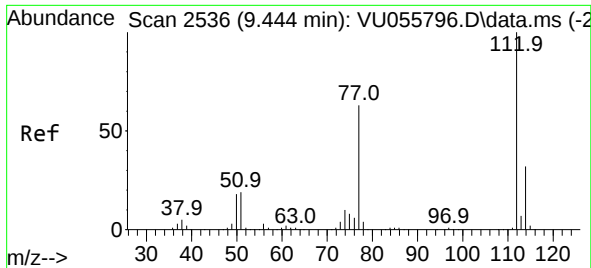
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#58
Tetrachloroethene
Concen: 9.376 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

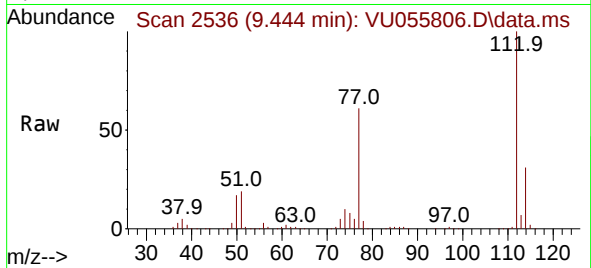
Tgt Ion:164 Resp: 297982
Ion Ratio Lower Upper
164 100
166 126.0 99.6 149.4
129 101.1 78.6 117.8
131 97.2 73.4 110.0





#59
Chlorobenzene
Concen: 10.019 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

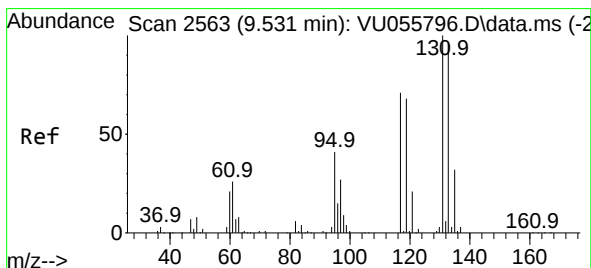
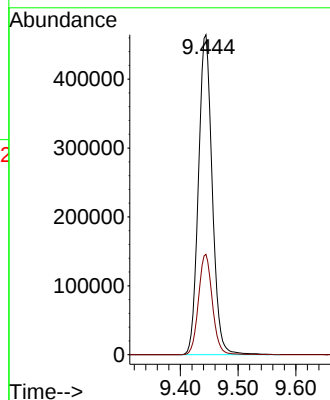
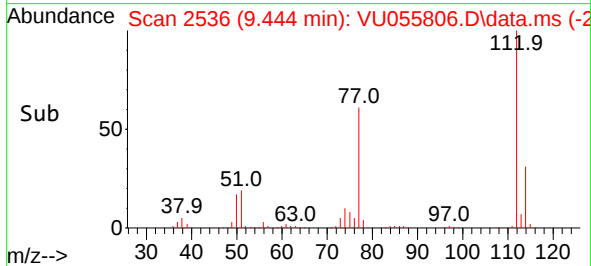
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



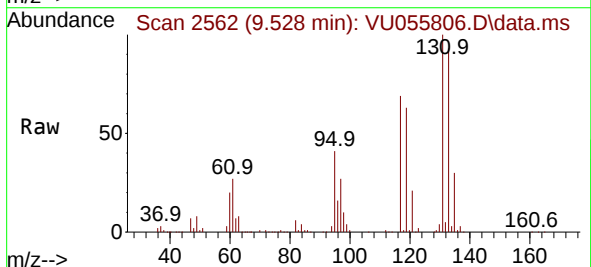
Tgt Ion:112 Resp: 769334
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

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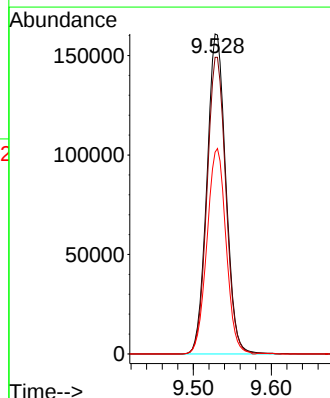
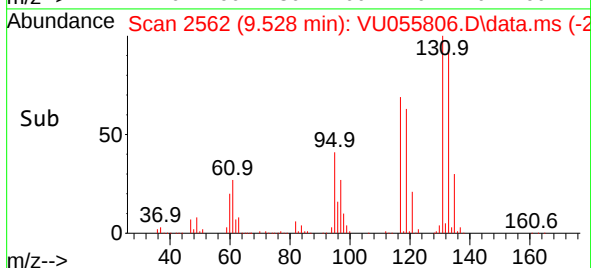
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

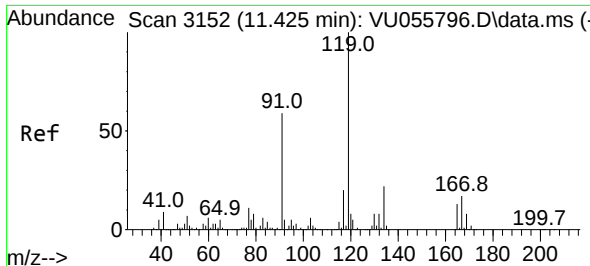


#60
1,1,1,2-Tetrachloroethane
Concen: 9.908 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion:131 Resp: 271167
Ion Ratio Lower Upper
131 100
133 92.7 77.8 116.6
119 64.8 55.2 82.8





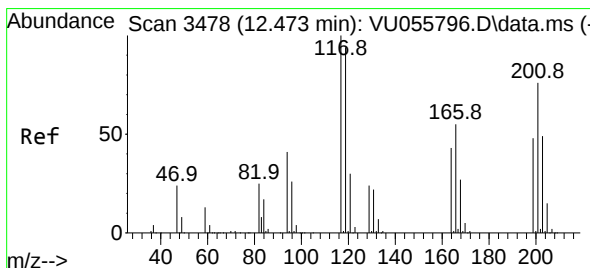
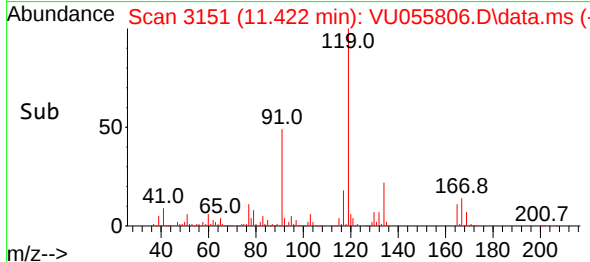
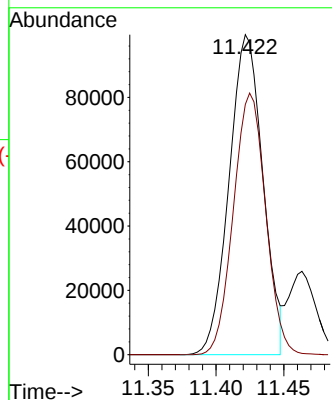
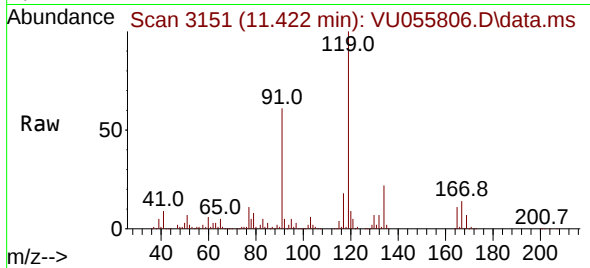
#61
Pentachloroethane
Concen: 9.310 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 17245
Ion Ratio Lower Upper
117 100
167 78.0 56.7 85.1

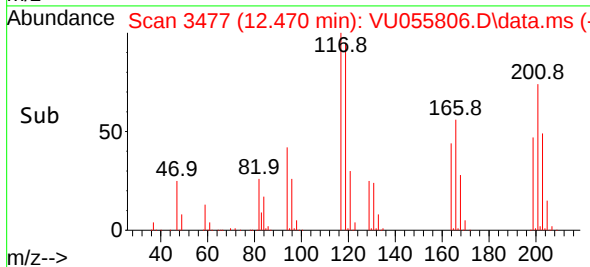
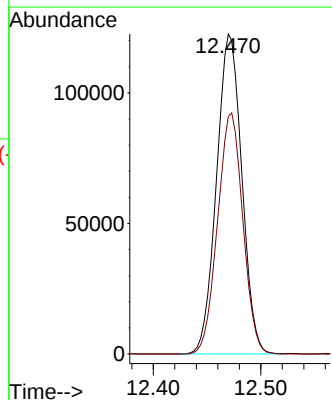
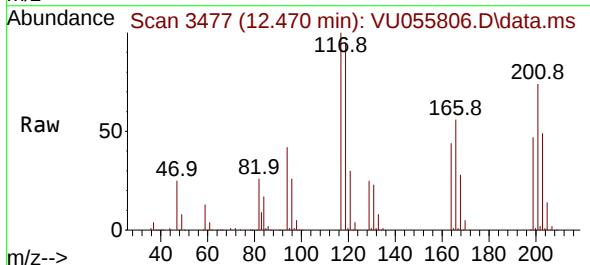
Manual Integrations
APPROVED

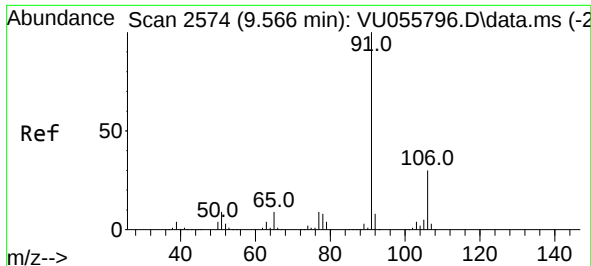
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#62
Hexachloroethane
Concen: 8.822 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

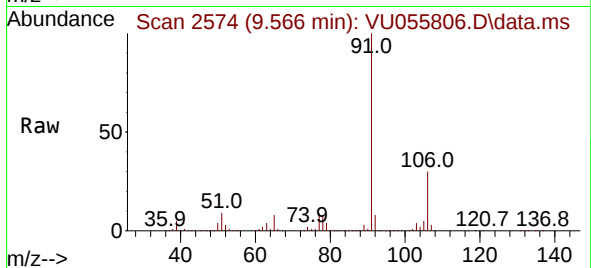
Tgt Ion:117 Resp: 200190
Ion Ratio Lower Upper
117 100
201 75.2 59.6 89.4





#63
Ethyl Benzene
Concen: 10.551 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

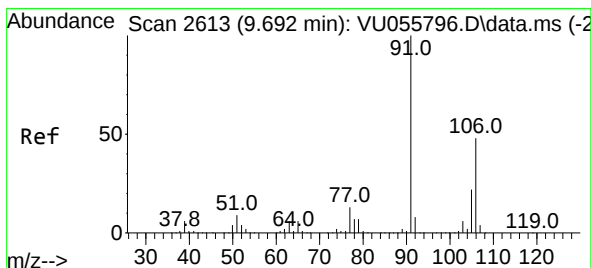
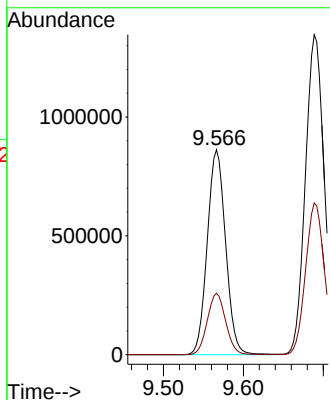
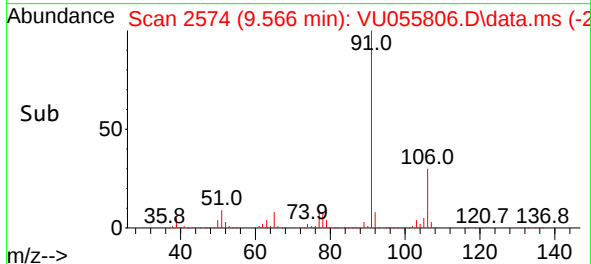
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



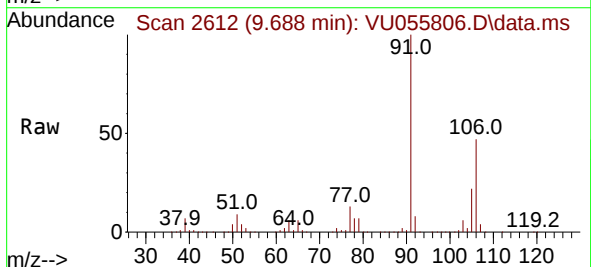
Tgt Ion: 91 Resp: 1374884
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2

Manual Integrations
APPROVED

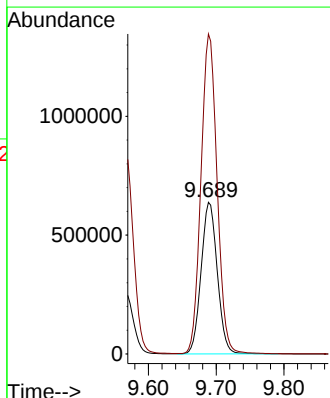
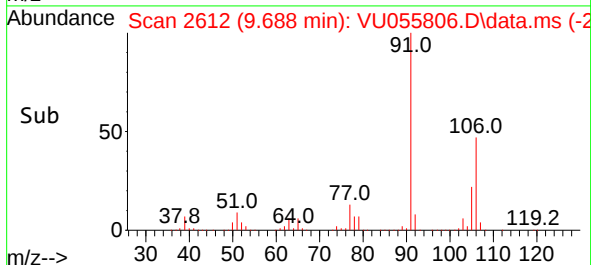
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

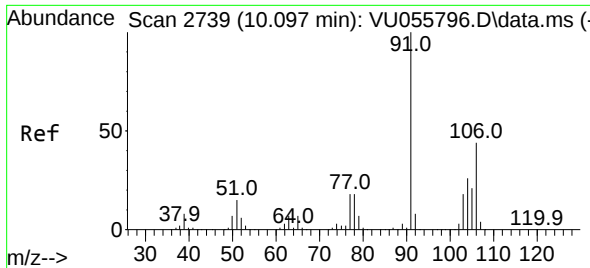


#64
m/p-Xylenes
Concen: 21.087 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion:106 Resp: 1056334
Ion Ratio Lower Upper
106 100
91 210.6 167.3 250.9





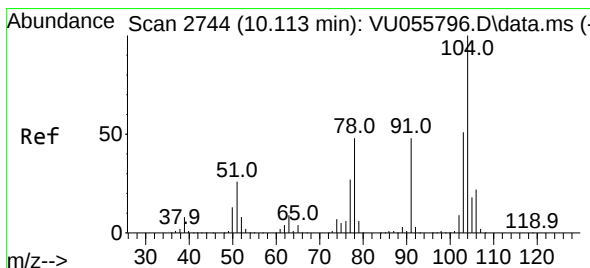
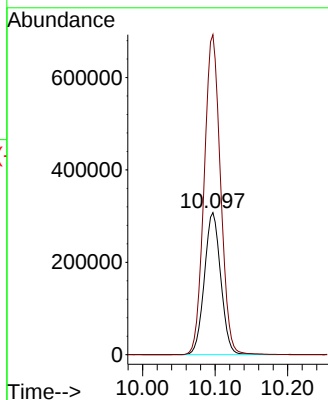
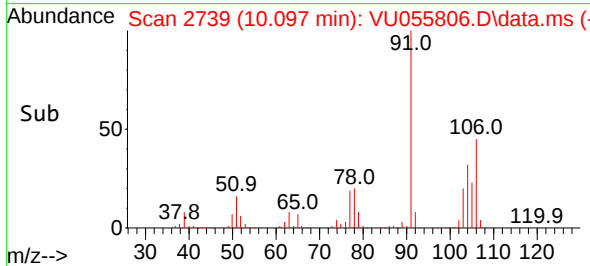
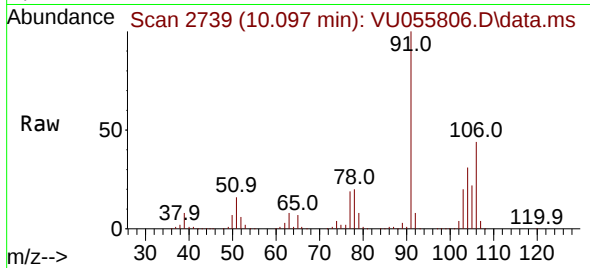
#65
o-Xylene
Concen: 9.837 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 48355
Ion Ratio Lower Upper
106 100
91 225.2 109.3 327.9

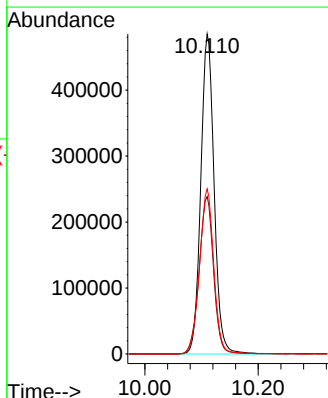
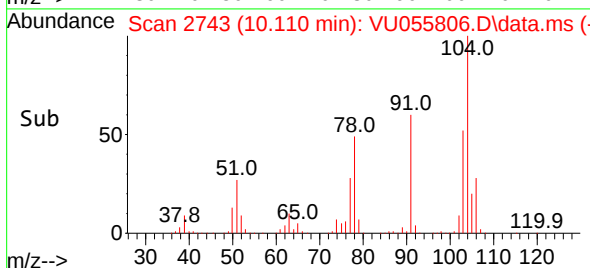
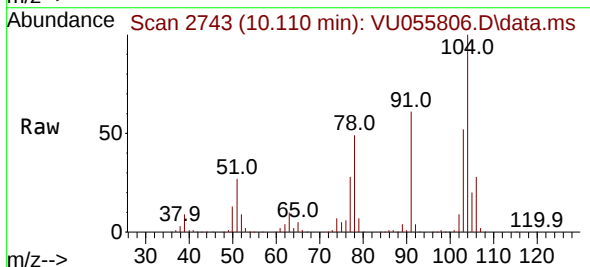
Manual Integrations
APPROVED

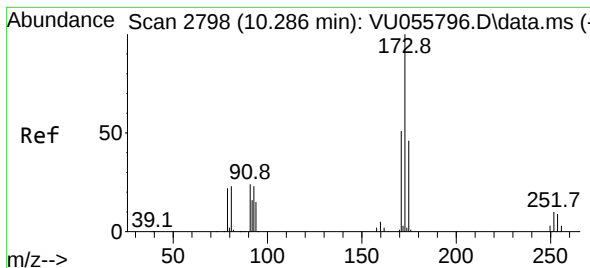
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
Styrene
Concen: 10.305 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Tgt Ion:104 Resp: 792152
Ion Ratio Lower Upper
104 100
78 53.2 39.7 59.5
103 55.5 44.8 67.2





#67

Bromoform

Concen: 9.678 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 130678

Ion Ratio Lower Upper

173 100

175 46.7 39.0 58.6

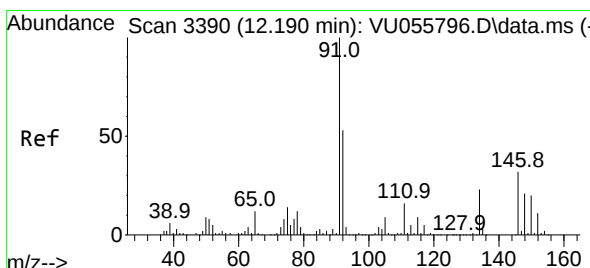
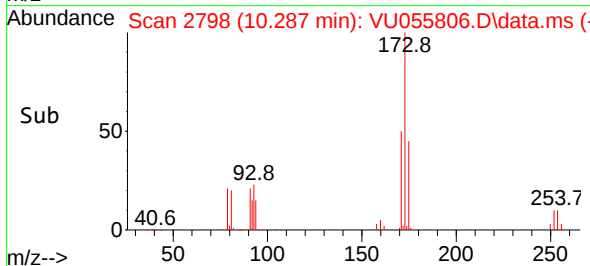
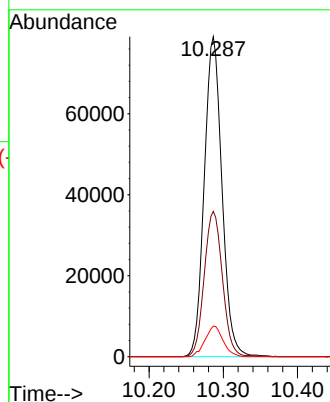
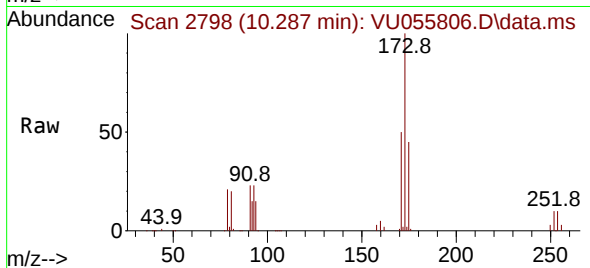
254 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.001 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

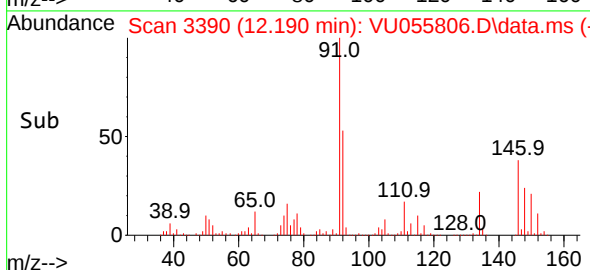
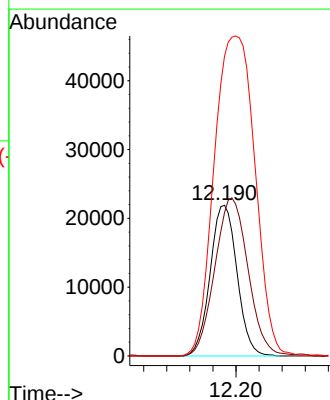
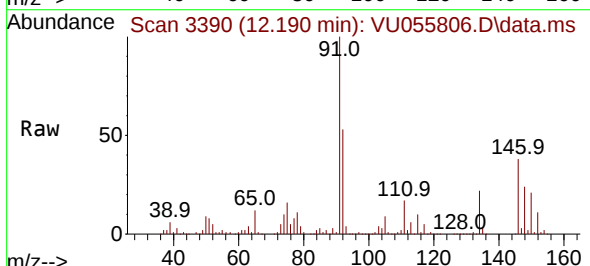
Tgt Ion:152 Resp: 35433

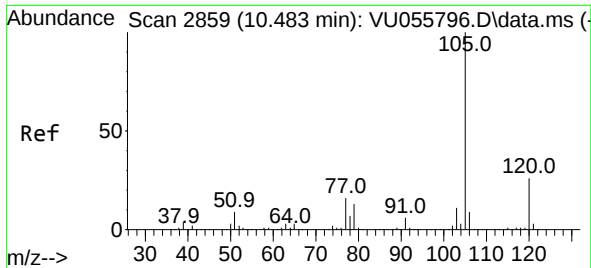
Ion Ratio Lower Upper

152 100

115 129.3 0.0 308.8

150 320.8 0.0 635.0





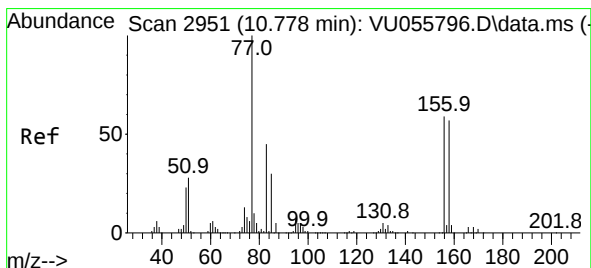
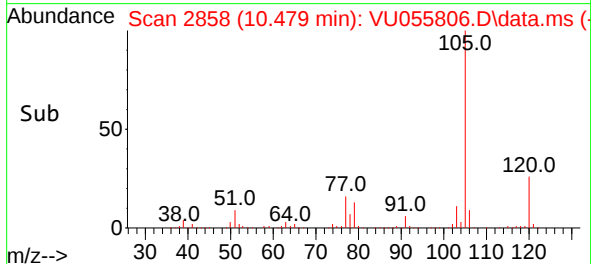
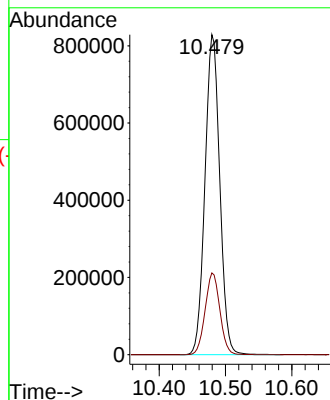
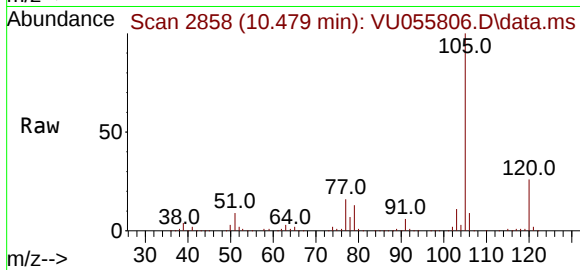
#69
Isopropylbenzene
Concen: 10.128 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 128169
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

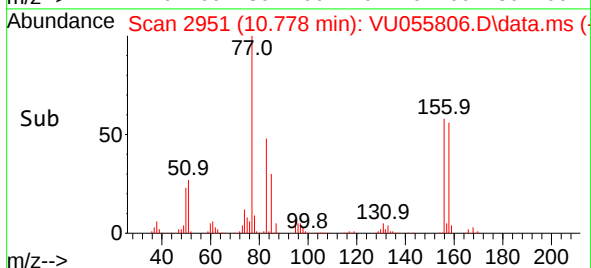
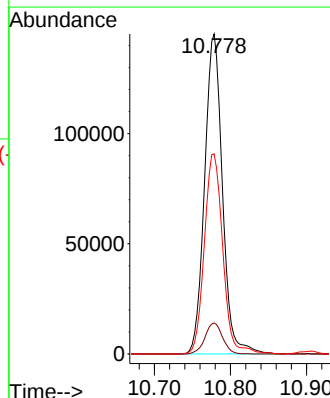
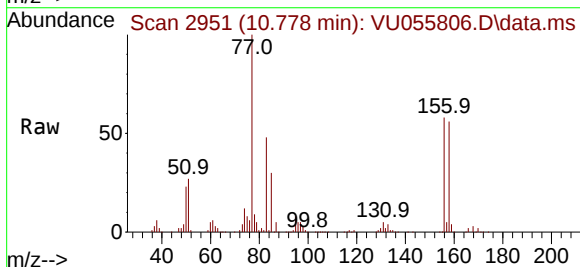
Manual Integrations
APPROVED

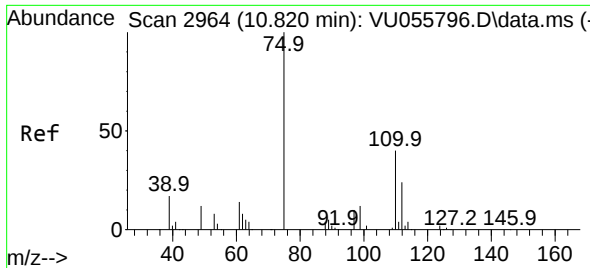
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 9.711 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

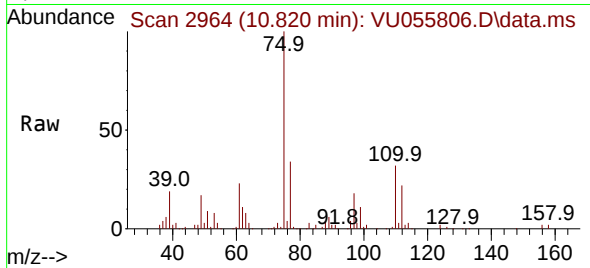
Tgt Ion: 83 Resp: 236507
Ion Ratio Lower Upper
83 100
131 9.5 7.2 10.8
85 64.7 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 7.826 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

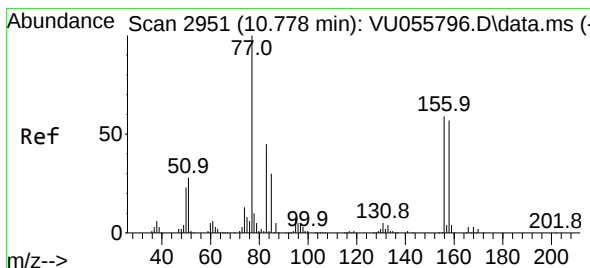
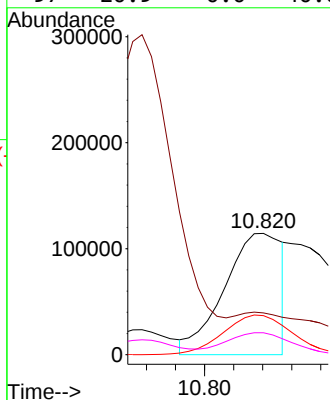
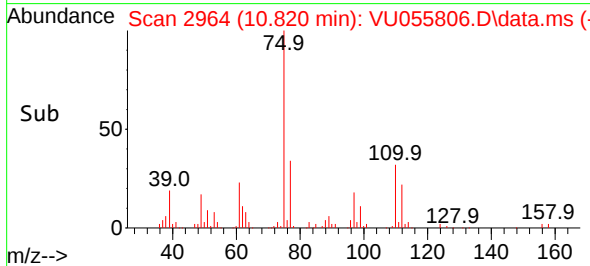
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



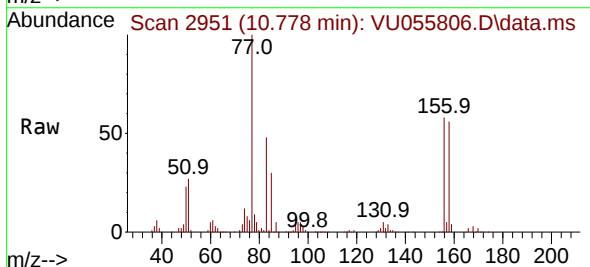
Tgt Ion: 75 Resp: 157972
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 39.2 0.0 74.6
97 20.9 0.0 40.0

Manual Integrations
APPROVED

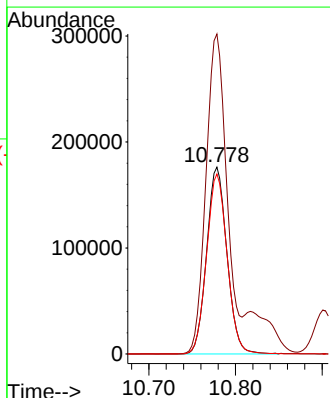
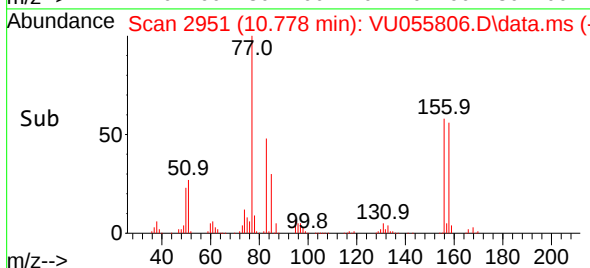
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

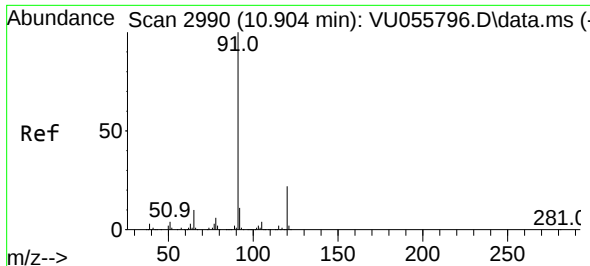


#72
Bromobenzene
Concen: 9.505 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



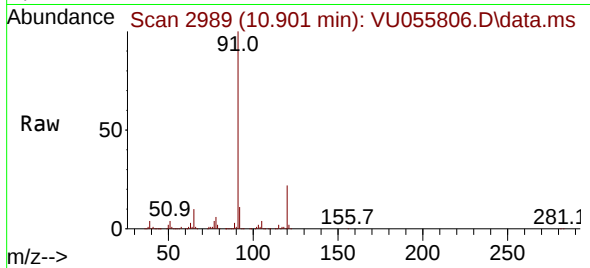
Tgt Ion:156 Resp: 287019
Ion Ratio Lower Upper
156 100
77 174.7 0.0 343.0
158 97.7 0.0 194.8





#73
n-propylbenzene
Concen: 8.879 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

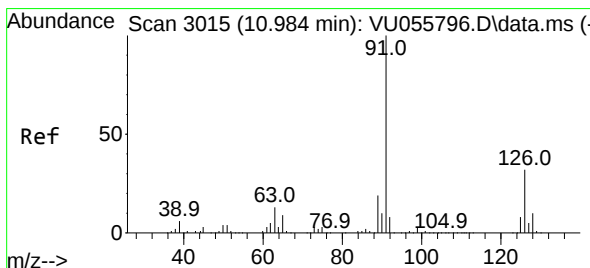
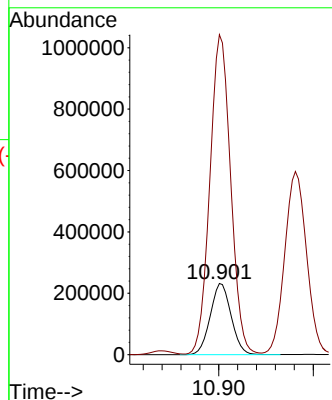
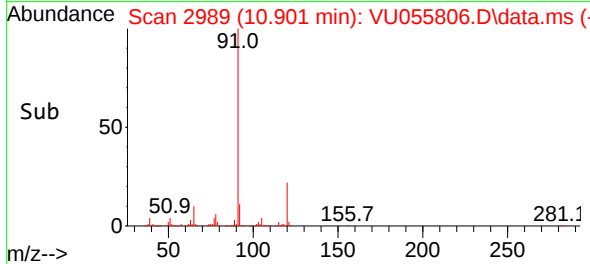
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



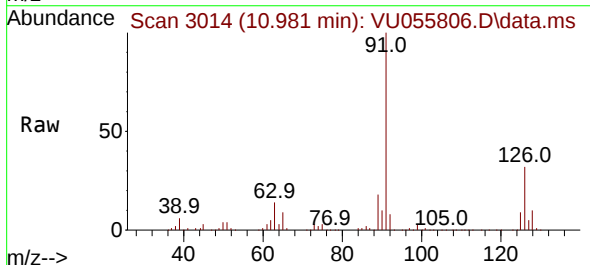
Tgt Ion:120 Resp: 35548
Ion Ratio Lower Upper
120 100
91 446.7 369.8 554.6

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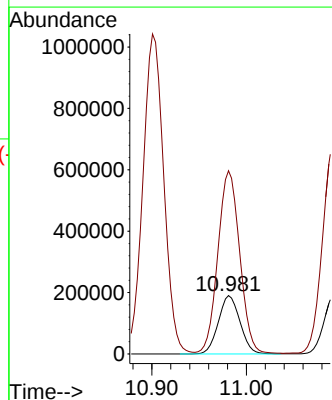
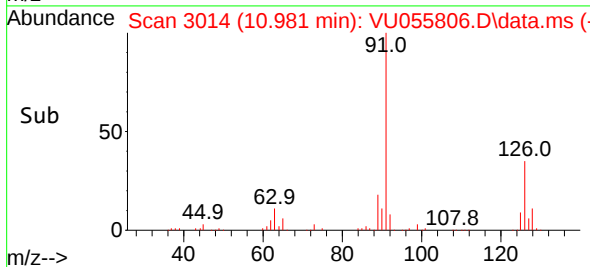
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

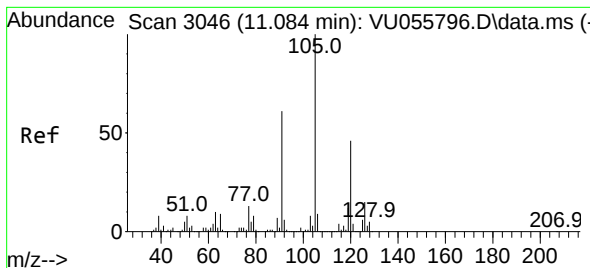


#74
2-Chlorotoluene
Concen: 9.951 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion:126 Resp: 301882
Ion Ratio Lower Upper
126 100
91 315.6 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 8.839 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 1146614

Ion Ratio Lower Upper

105 100

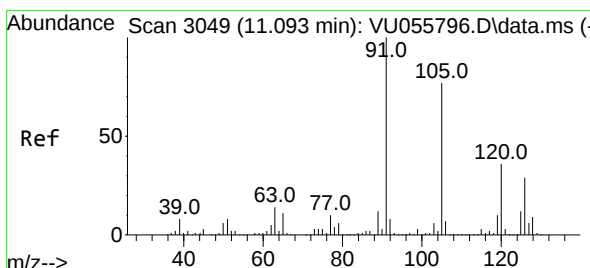
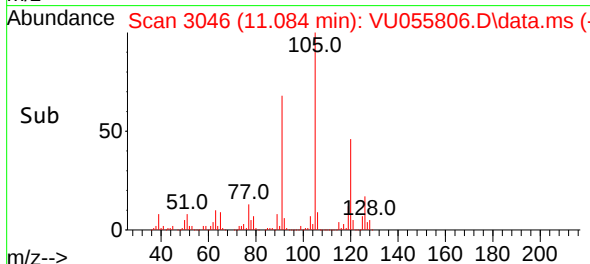
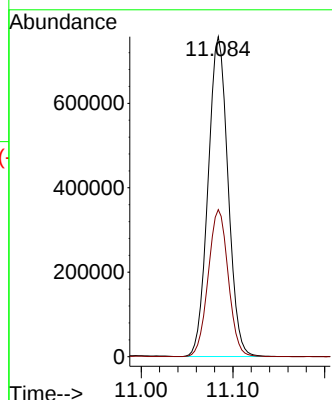
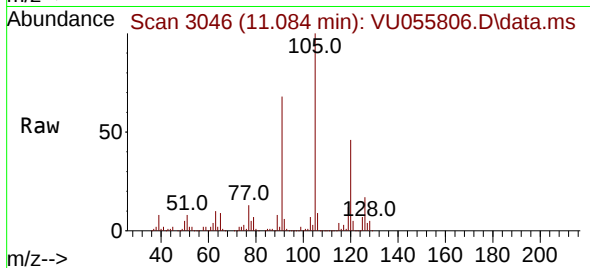
120 46.1 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#76

4-Chlorotoluene

Concen: 9.979 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.001 min

Lab File: VU055806.D

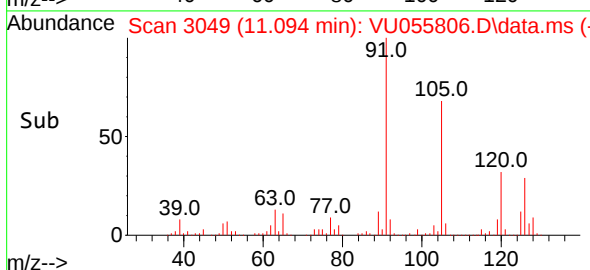
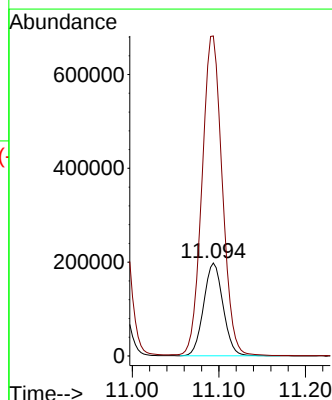
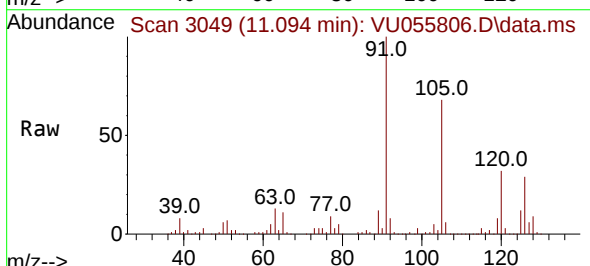
Acq: 18 Oct 2023 18:19

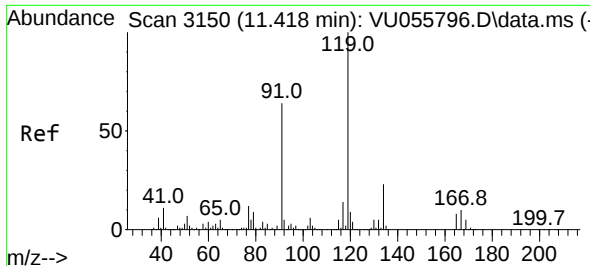
Tgt Ion:126 Resp: 308494

Ion Ratio Lower Upper

126 100

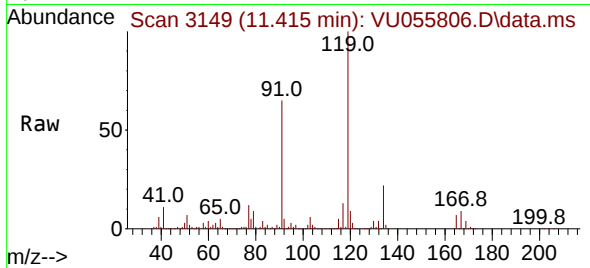
91 359.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 8.731 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

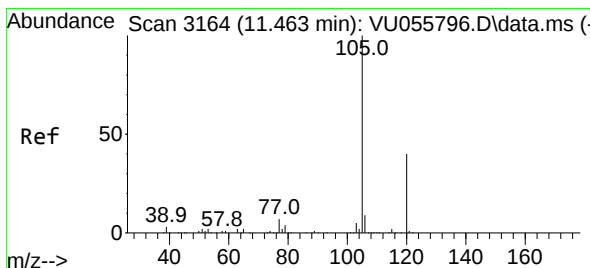
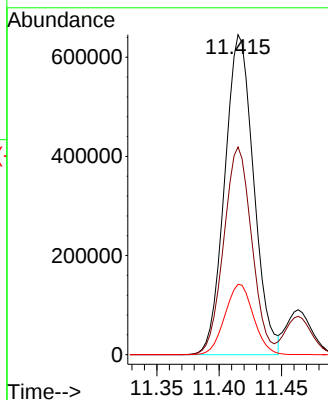
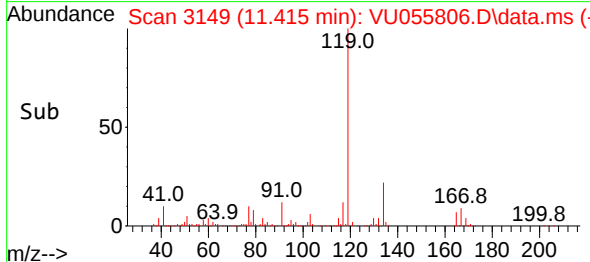
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 1042518
Ion Ratio Lower Upper
119 100
91 62.8 30.8 92.4
134 21.7 18.0 27.0

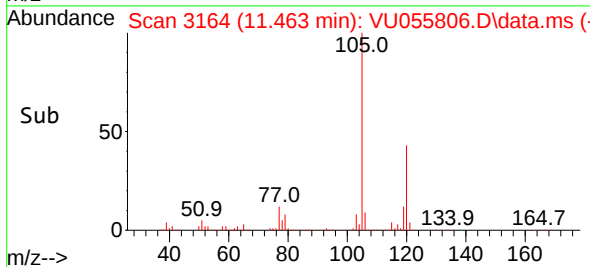
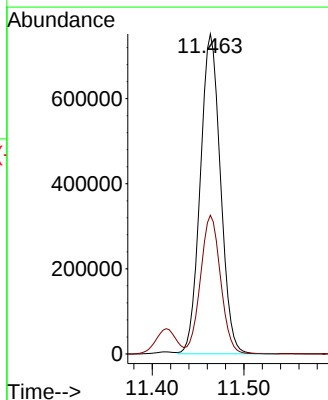
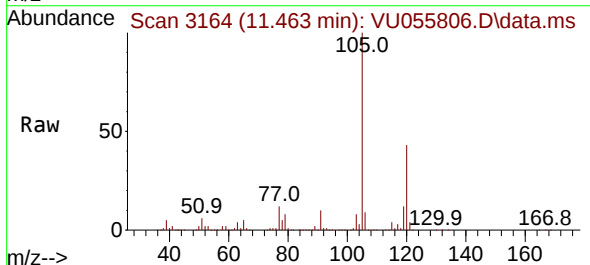
Manual Integrations
APPROVED

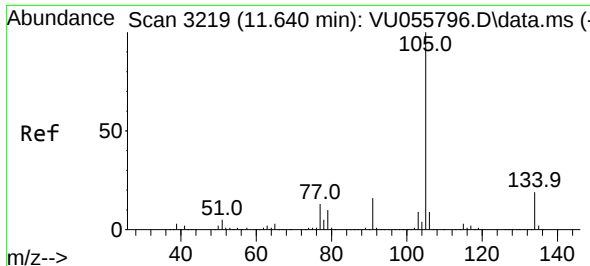
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#78
1,2,4-Trimethylbenzene
Concen: 8.808 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

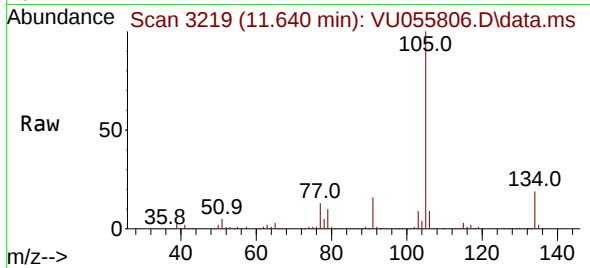
Tgt Ion:105 Resp: 1147928
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 8.740 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055806.D
 Acq: 18 Oct 2023 18:19

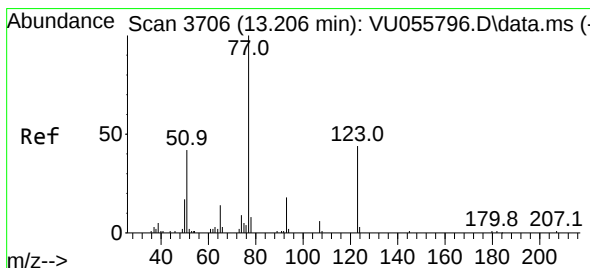
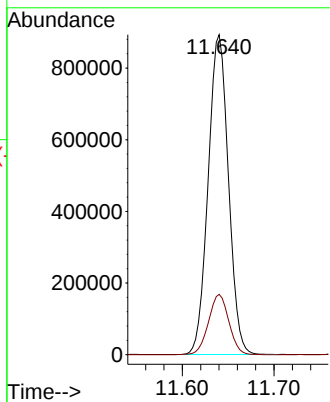
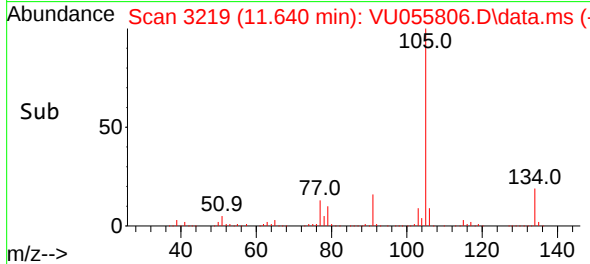
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 137205
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3

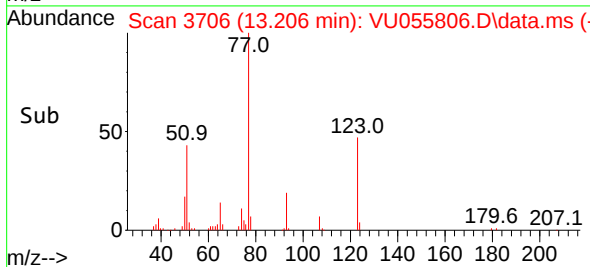
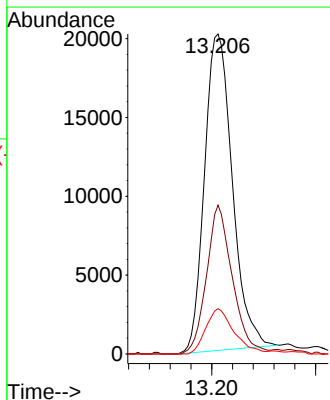
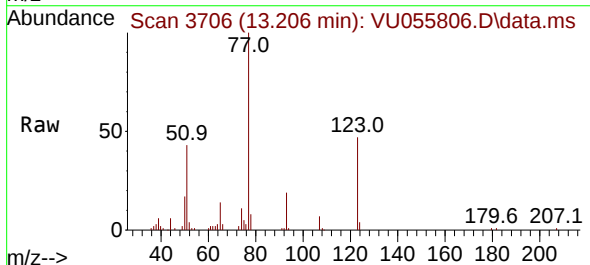
Manual Integrations
 APPROVED

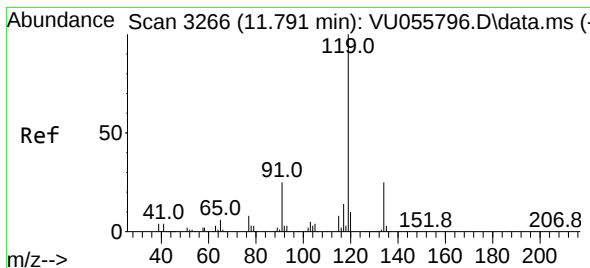
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#80
 Nitrobenzene
 Concen: 44.612 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU055806.D
 Acq: 18 Oct 2023 18:19

Tgt Ion: 77 Resp: 37377
 Ion Ratio Lower Upper
 77 100
 123 42.0 19.7 69.7
 65 13.6 11.5 14.7





#81

p-Isopropyltoluene

Concen: 8.700 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 1114119

Ion Ratio Lower Upper

119 100

134 25.1 20.2 30.4

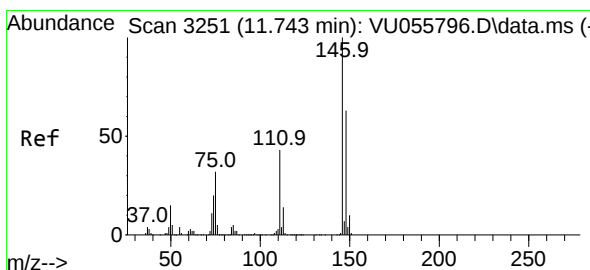
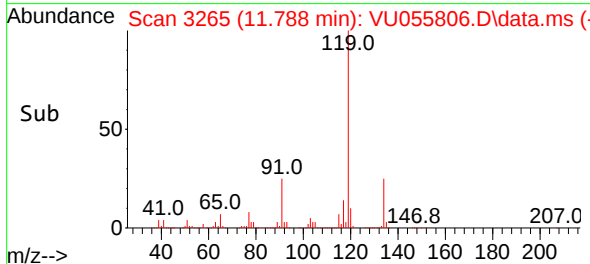
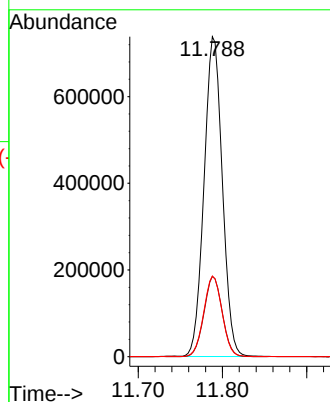
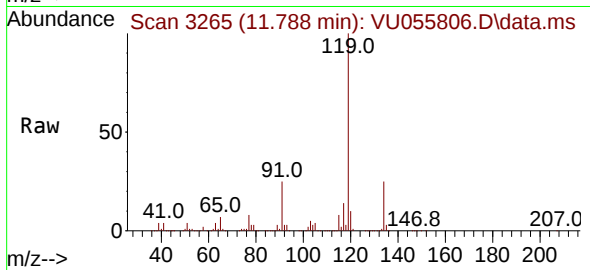
91 25.2 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#82

1,3-Dichlorobenzene

Concen: 9.791 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

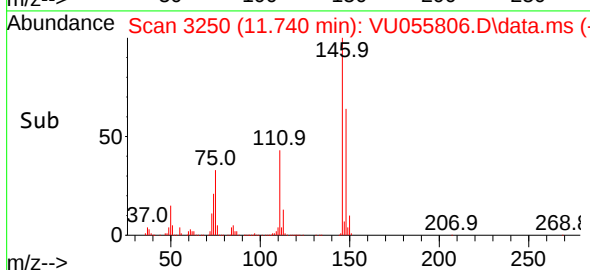
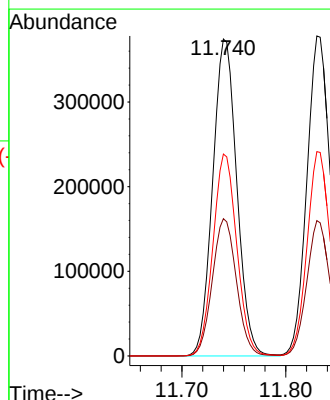
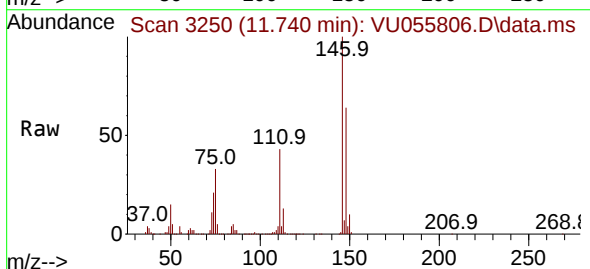
Tgt Ion:146 Resp: 603478

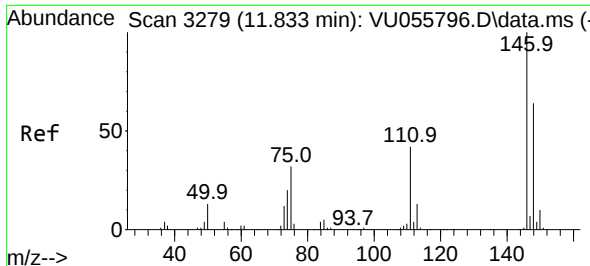
Ion Ratio Lower Upper

146 100

111 43.3 32.6 49.0

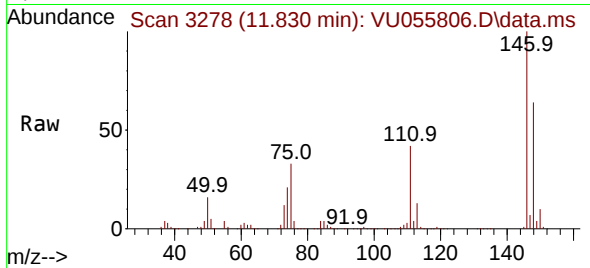
148 63.1 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.051 ug/l
RT: 11.830 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19

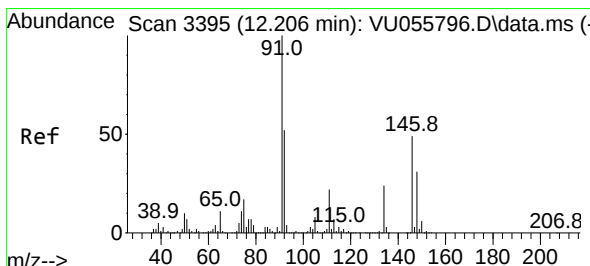
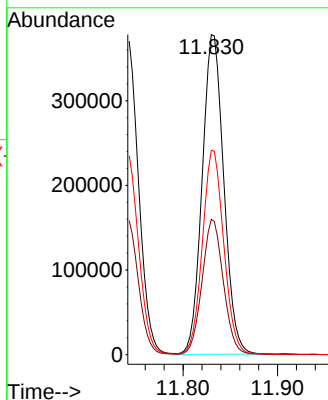
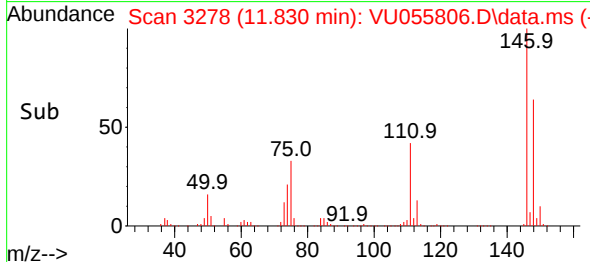
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



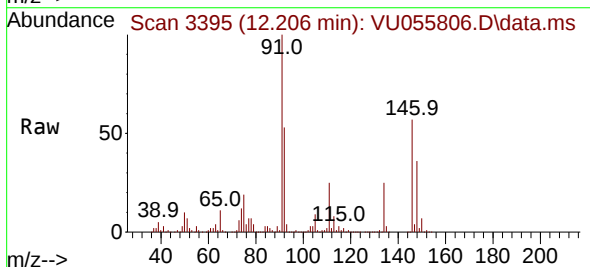
Tgt Ion:146 Resp: 599529
Ion Ratio Lower Upper
146 100
111 41.7 31.6 47.4
148 63.2 50.3 75.5

Manual Integrations
APPROVED

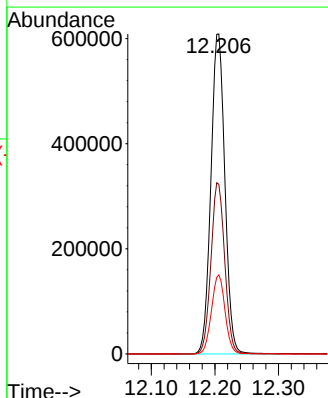
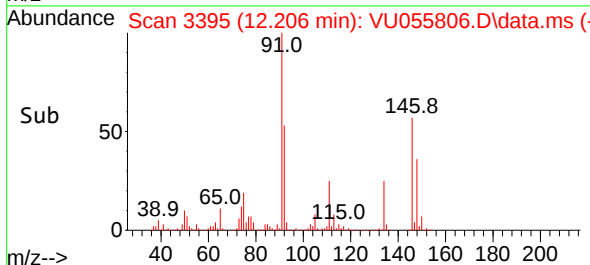
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

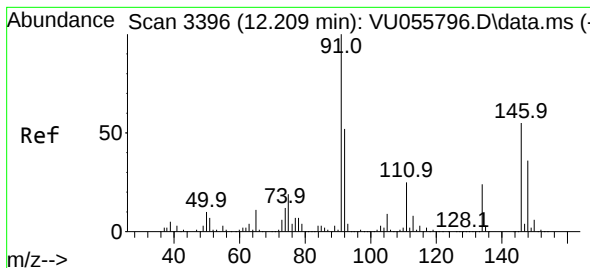


#84
n-Butylbenzene
Concen: 8.535 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU055806.D
Acq: 18 Oct 2023 18:19



Tgt Ion: 91 Resp: 929441
Ion Ratio Lower Upper
91 100
92 52.9 40.8 61.2
134 24.1 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 9.913 ug/l

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 558374

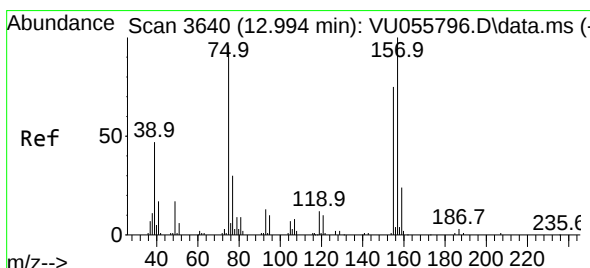
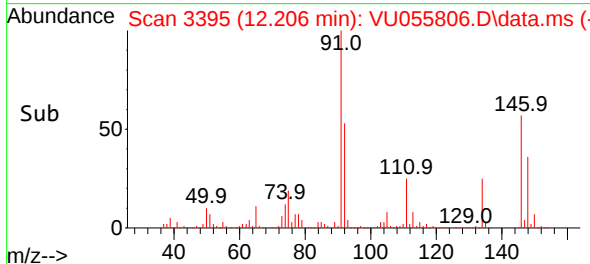
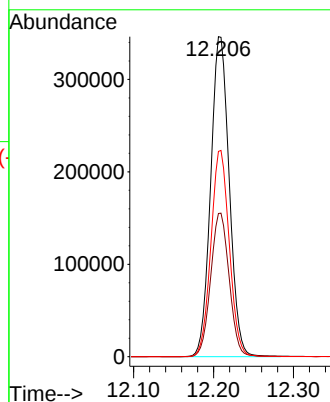
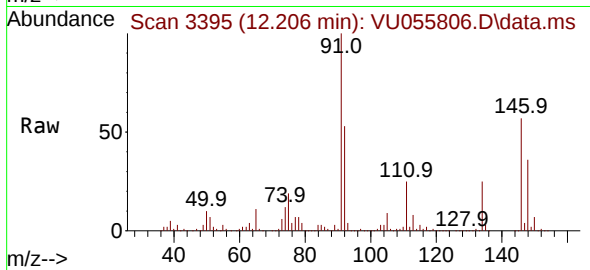
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.6	64.6
148	63.9	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.218 ug/l

RT: 12.991 min Scan# 3639

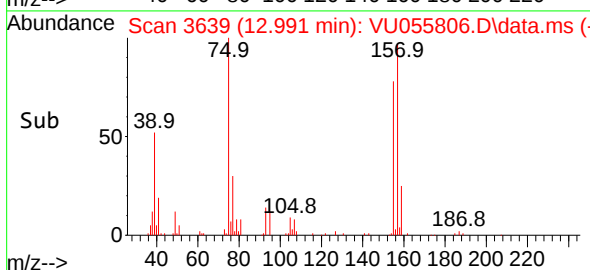
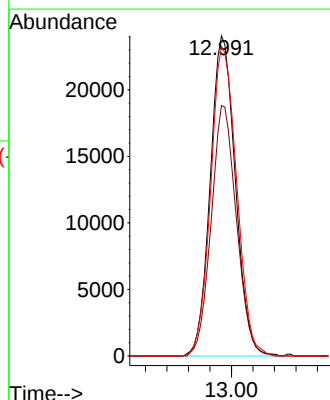
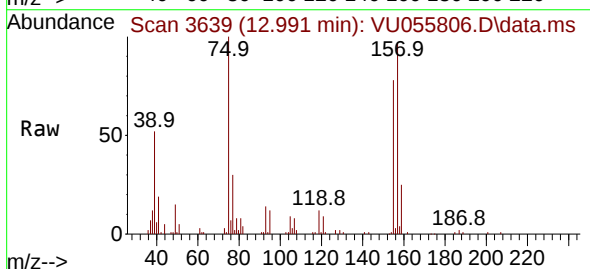
Delta R.T. -0.003 min

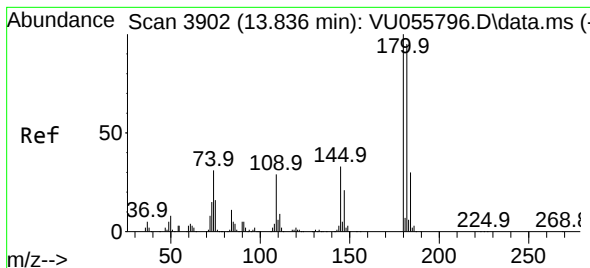
Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Tgt Ion: 75 Resp: 39002

Ion	Ratio	Lower	Upper
75	100		
155	78.7	61.8	92.8
157	99.9	80.2	120.4





#87

1,2,4-Trichlorobenzene

Concen: 8.859 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:180 Resp: 330285

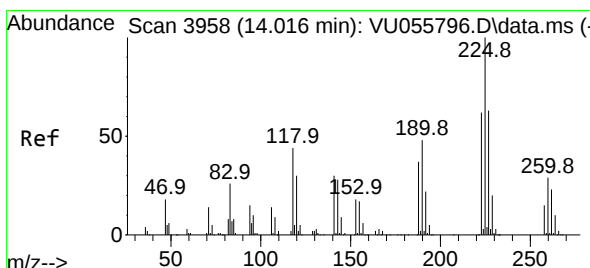
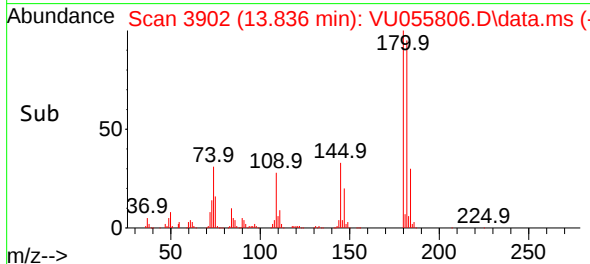
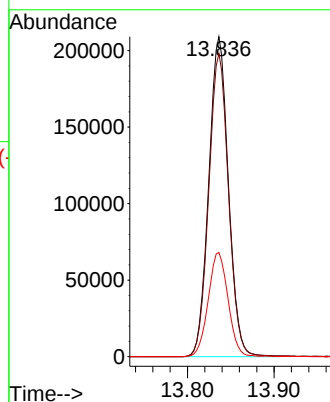
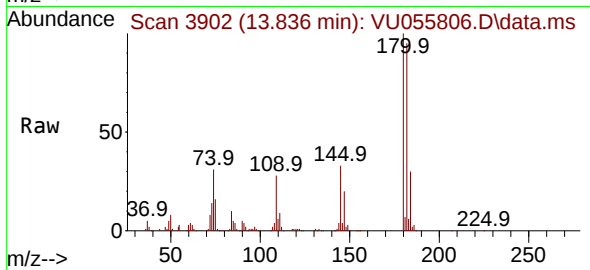
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	32.8	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#88

Hexachlorobutadiene

Concen: 9.795 ug/l

RT: 14.016 min Scan# 3958

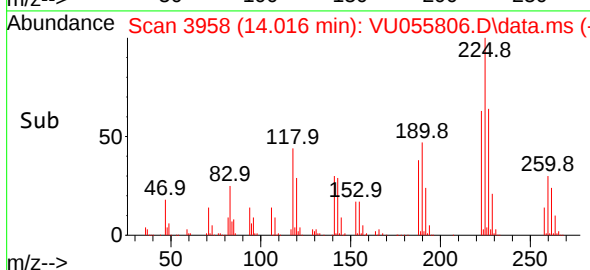
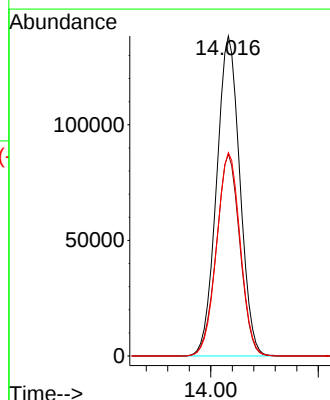
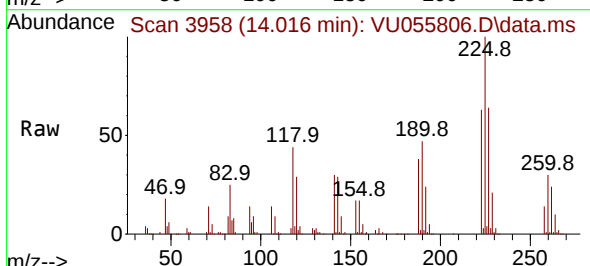
Delta R.T. 0.000 min

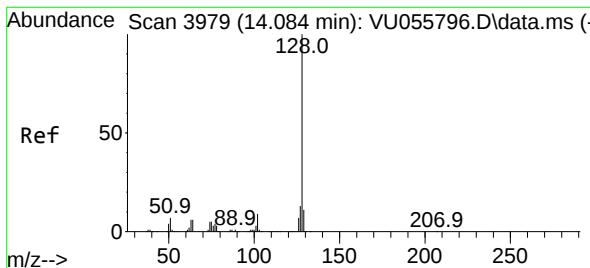
Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Tgt Ion:225 Resp: 208184

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.4
227	64.4	51.5	77.3





#89

Naphthalene

Concen: 8.412 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 486392

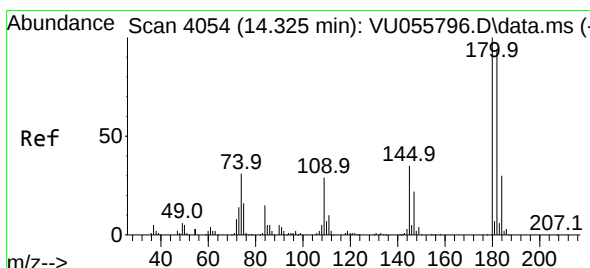
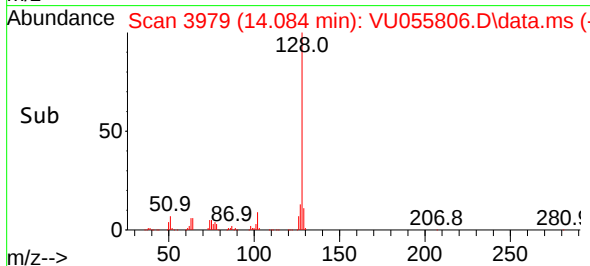
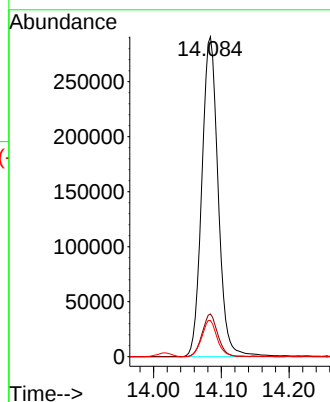
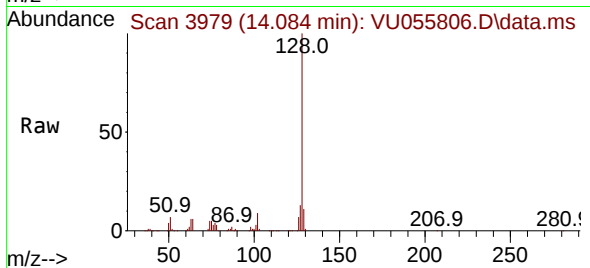
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.9	16.3
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#90

1,2,3-Trichlorobenzene

Concen: 8.867 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055806.D

Acq: 18 Oct 2023 18:19

Tgt Ion:180 Resp: 286454

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.7	113.5
145	35.1	26.1	39.1

