

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055796.D
 Acq On : 18 Oct 2023 11:32
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 02:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 02:09:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	103120	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	40356	0.992	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	39276	1.042	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	441444	11.024	ug/l	99
3) Chloromethane	1.515	50	367289	10.732	ug/l	99
4) Vinyl Chloride	1.602	62	380391	10.845	ug/l	100
5) Bromomethane	1.856	94	213023	11.034	ug/l	99
6) Chloroethane	1.930	64	190730	11.227	ug/l	99
7) Trichlorofluoromethane	2.136	101	503169	10.878	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	339012	10.994	ug/l	94
9) 1,1-Dichloroethene	2.576	96	315494	10.970	ug/l	93
10) Iodomethane	2.718	142	500044	11.596	ug/l	97
11) Allyl Chloride	2.920	41	420942	11.259	ug/l	95
12) Acrylonitrile	3.316	53	124161	22.973	ug/l	99
13) Acetone	2.634	43	626706	54.354	ug/l	99
14) Carbon Disulfide	2.792	76	1040555	11.083	ug/l	99
15) Methylene Chloride	3.042	84	353557	10.422	ug/l	93
16) trans-1,2-Dichloroethene	3.348	96	342882	11.248	ug/l	97
17) 1,1-Dichloroethane	3.862	63	623836	11.004	ug/l	100
18) 2-Butanone	4.701	43	717293	57.742	ug/l	99
19) Cyclohexane	5.386	56	575888m	13.429	ug/l	
20) Methylcyclohexane	6.762	83	621138	12.362	ug/l	97
21) 2,2-Dichloropropane	4.660	77	525586	11.010	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	372789	11.473	ug/l	99
23) Diethyl Ether	2.374	59	188087	10.939	ug/l	96
24) tert-Butyl Alcohol	3.219	59	189607	111.000	ug/l #	1
25) Methyl tert-Butyl Ether	3.357	73	714832	11.549	ug/l	97
26) Bromochloromethane	4.968	128	151976	11.036	ug/l	97
27) Chloroform	5.084	83	634664	10.909	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	577239	11.071	ug/l	97
29) 1,1-Dichloropropene	5.525	75	474576	11.491	ug/l	99
30) Carbon Tetrachloride	5.521	117	505862	11.114	ug/l	98
31) Isopropyl Ether	3.988	45	892624	11.720	ug/l	92
32) Ethyl-t-butyl ether	4.496	59	858803	11.681	ug/l	97
33) Tert-Amyl methyl ether	5.936	73	744250	11.812	ug/l	97
34) Propionitrile	4.782	54	113765	59.521	ug/l #	15
35) Benzene	5.769	78	1400011	11.191	ug/l	99
36) 1,2-Dichloroethane	5.791	62	371405	10.932	ug/l	99
37) Trichloroethene	6.541	130	360090	11.064	ug/l	98
38) 1,2-Dichloropropane	6.785	63	360446	11.033	ug/l	100
39) Methacrylonitrile	4.968	41	86981	12.175	ug/l	96
40) Methyl acrylate	4.843	55	163407	13.845	ug/l	100
41) Tetrahydrofuran	5.055	42	89268	21.759	ug/l	95
42) 1-Chlorobutane	5.454	56	635945	11.550	ug/l	97
43) Dibromomethane	6.914	93	167535	10.789	ug/l	99
44) Bromodichloromethane	7.103	83	451517	11.003	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	932070	58.042	ug/l	96
46) t-1,4-Dichloro-2-butene	10.833	75	131540m	23.793	ug/l	
47) Methyl methacrylate	6.959	69	312311	24.382	ug/l	94
48) Ethyl methacrylate	8.331	69	296876	12.209	ug/l	94
49) Toluene	7.965	92	868400	11.729	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	414258	11.408	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	513282	11.550	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	234115	10.556	ug/l	100
53) 1,3-Dichloropropane	8.573	76	411714	10.862	ug/l	100
54) 2-Hexanone	8.682	43	1066481	59.280	ug/l	96
55) Dibromochloromethane	8.807	129	291055	10.872	ug/l	100
56) 1,2-Dibromoethane	8.920	107	223141	11.012	ug/l	98
58) Tetrachloroethene	8.550	164	352731	10.422	ug/l	97
59) Chlorobenzene	9.444	112	909044	11.117	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	318122	10.916	ug/l	98
61) Pentachloroethane	11.425	117	222190	11.265	ug/l	89
62) Hexachloroethane	12.473	117	259302	12.418	ug/l	99
63) Ethyl Benzene	9.566	91	1657301	11.943	ug/l	100
64) m/p-Xylenes	9.692	106	1280133	23.998	ug/l	99
65) o-Xylene	10.097	106	612434	11.700	ug/l	97
66) Styrene	10.113	104	1001871	12.239	ug/l	97
67) Bromoform	10.286	173	160471	11.161	ug/l	99
69) Isopropylbenzene	10.483	105	1623931	12.051	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	283562	10.934	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	233568m	11.207	ug/l	
72) Bromobenzene	10.778	156	360855	11.222	ug/l	99
73) n-propylbenzene	10.904	120	446692	12.867	ug/l	96
74) 2-Chlorotoluene	10.984	126	373625	11.566	ug/l	95
75) 1,3,5-Trimethylbenzene	11.084	105	1441899	12.517	ug/l	99
76) 4-Chlorotoluene	11.093	126	388945	11.814	ug/l	93
77) tert-Butylbenzene	11.418	119	1317877	12.480	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	1465909	12.851	ug/l	99
79) sec-Butylbenzene	11.640	105	1756784	13.180	ug/l	100
80) Nitrobenzene	13.206	77	46089	64.256	ug/l #	98
81) p-Isopropyltoluene	11.791	119	1458191	13.584	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	753473	11.480	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	738998	11.634	ug/l	97
84) n-Butylbenzene	12.206	91	1262218	13.792	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	691819	11.534	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	46896	12.667	ug/l	99
87) 1,2,4-Trichlorobenzene	13.836	180	428724	13.171	ug/l	98
88) Hexachlorobutadiene	14.016	225	280502	12.394	ug/l	99
89) Naphthalene	14.084	128	645548	13.019	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	367478	13.156	ug/l	98

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

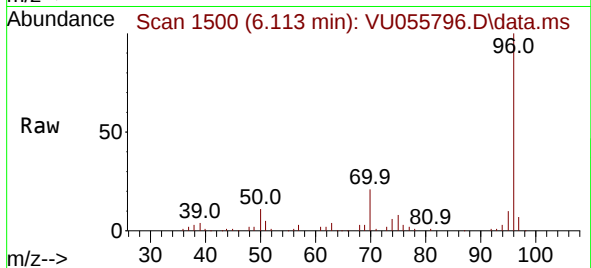
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

[illegible]



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

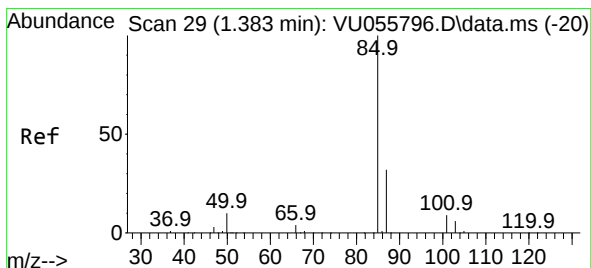
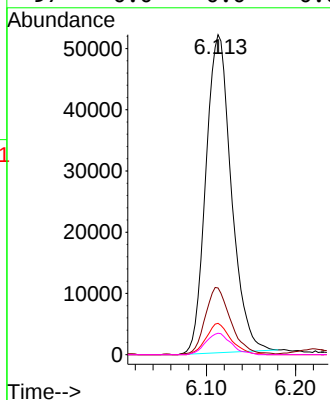
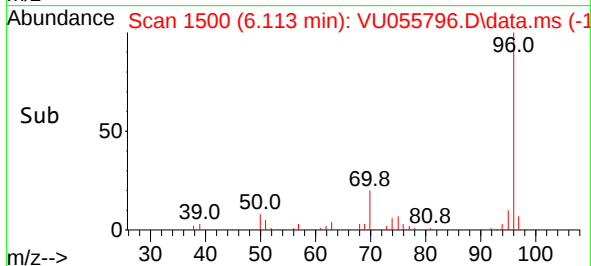
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 103120
Ion Ratio Lower Upper
96 100
70 20.8 16.5 24.7
95 9.5 7.4 11.0
97 0.0 0.0 0.0

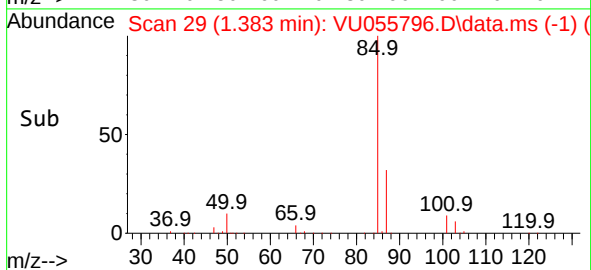
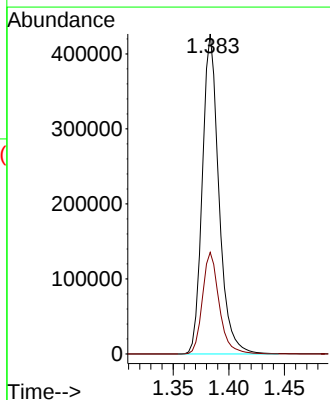
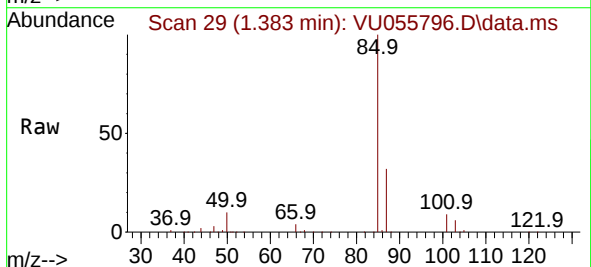
Manual Integrations
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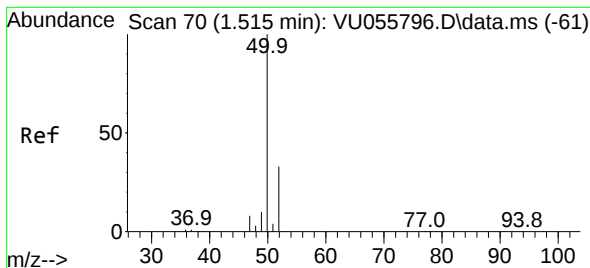
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#2
Dichlorodifluoromethane
Concen: 11.024 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 85 Resp: 441444
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6





#3

Chloromethane

Concen: 10.732 ug/l

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 50 Resp: 367289

Ion Ratio Lower Upper

50 100

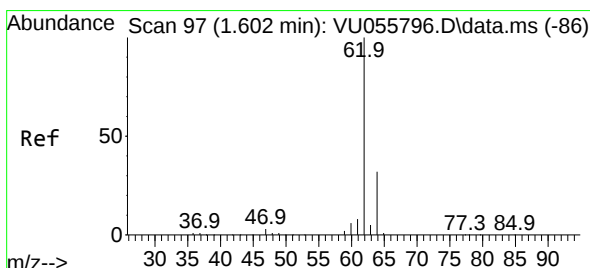
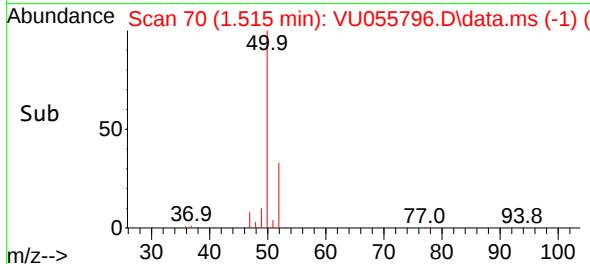
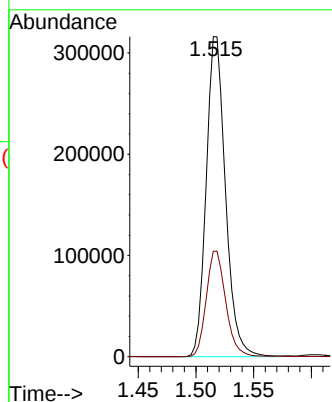
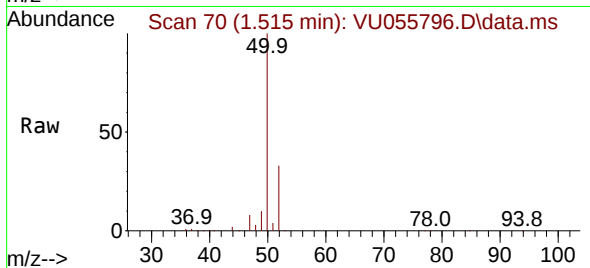
52 33.0 26.6 40.0

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#4

Vinyl Chloride

Concen: 10.845 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU055796.D

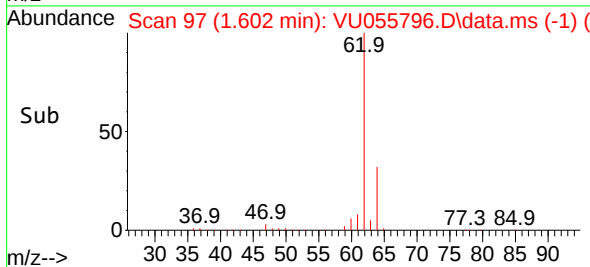
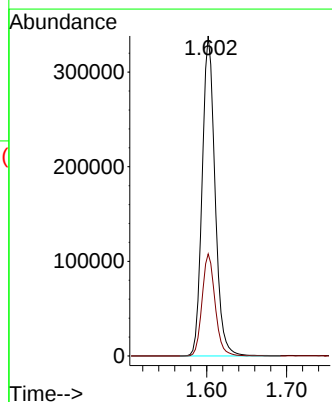
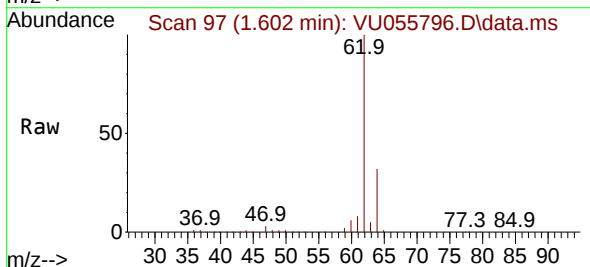
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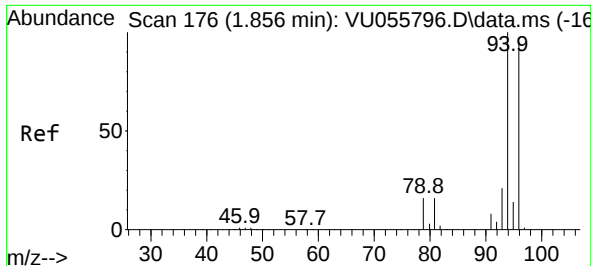
Tgt Ion: 62 Resp: 380391

Ion Ratio Lower Upper

62 100

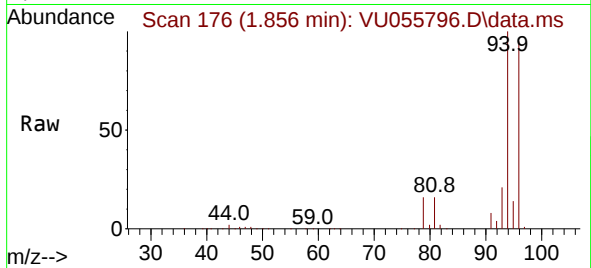
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 11.034 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

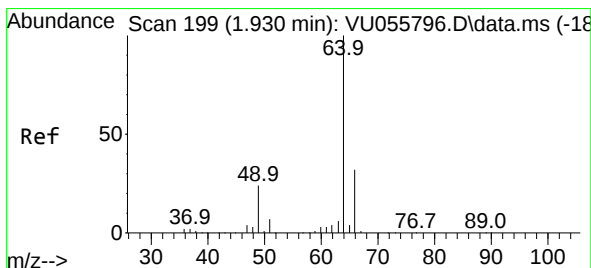
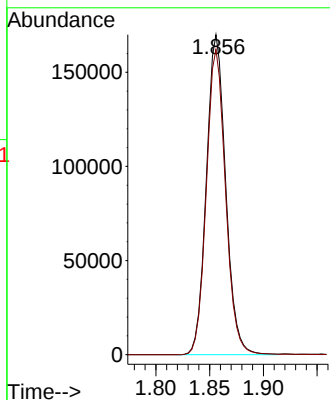
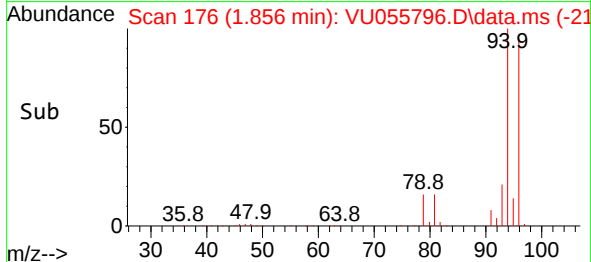
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 94 Resp: 21302
Ion Ratio Lower Upper
94 100
96 95.4 75.4 113.2

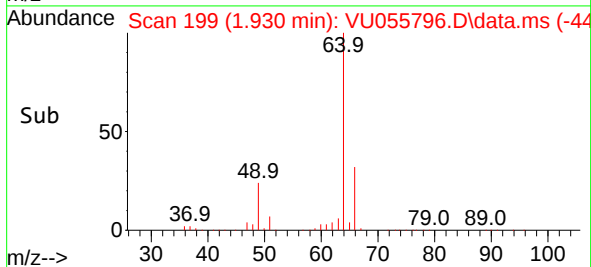
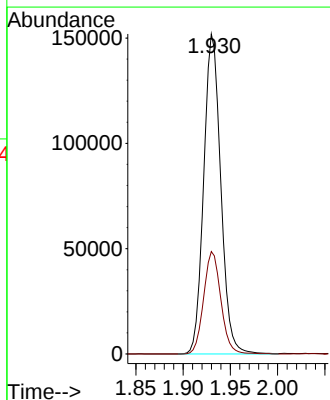
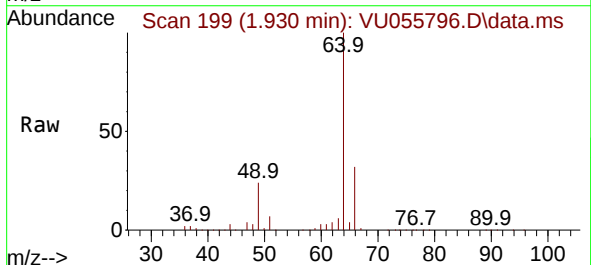
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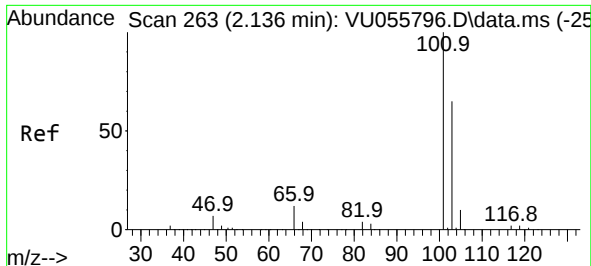
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#6
Chloroethane
Concen: 11.227 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 64 Resp: 190730
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





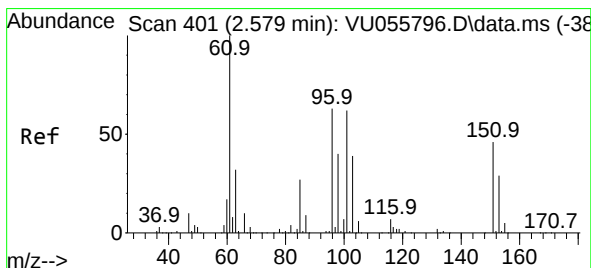
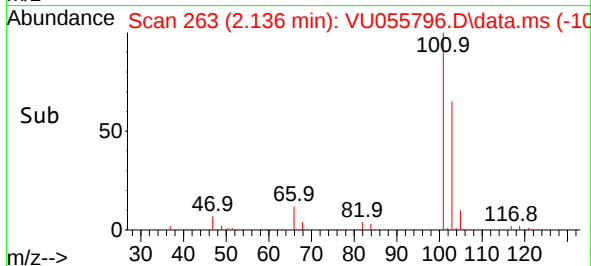
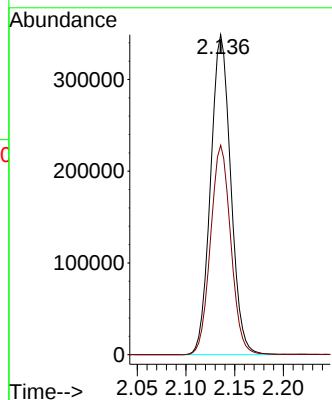
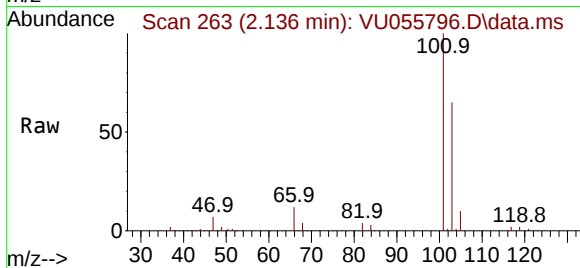
#7
Trichlorofluoromethane
Concen: 10.878 ug/l
RT: 2.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 503169
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

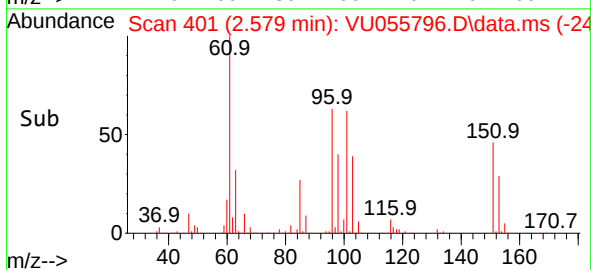
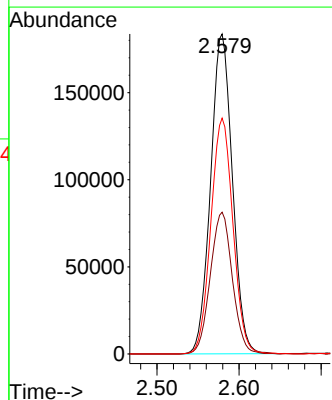
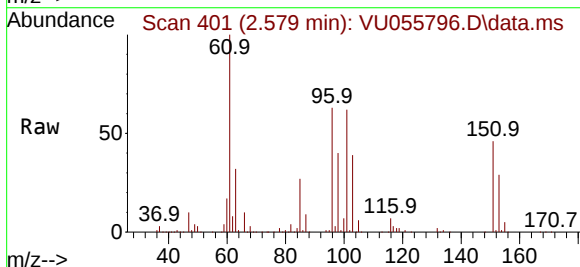
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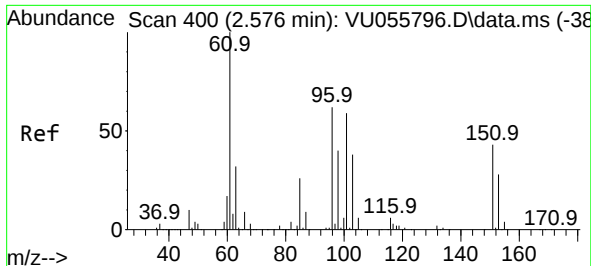
Reviewed By :John Carlone 10/19/2023
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.994 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

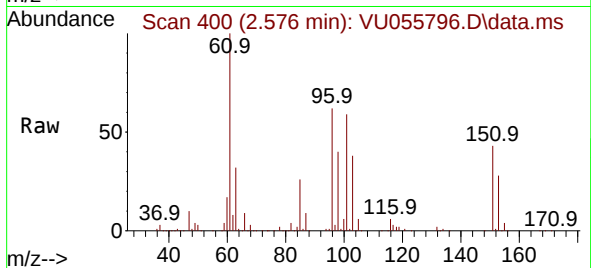
Tgt Ion:101 Resp: 339012
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.0
151 75.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 10.970 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

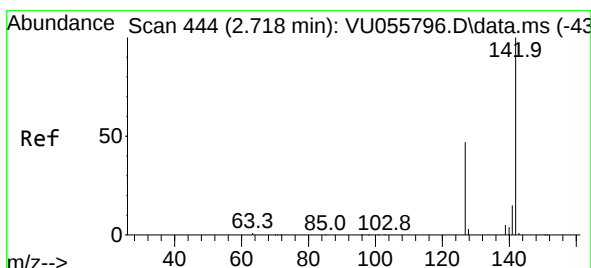
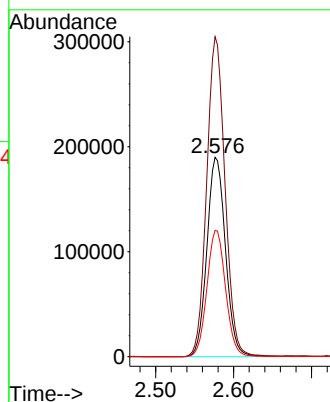
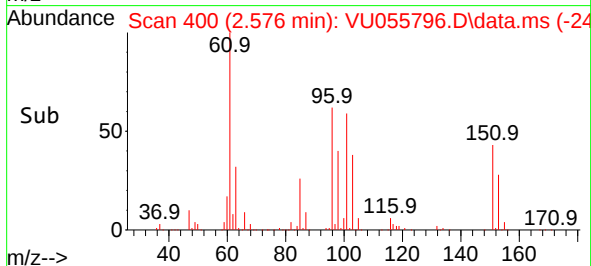
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



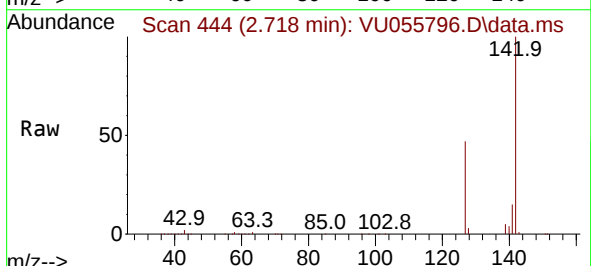
Tgt Ion: 96 Resp: 315494
Ion Ratio Lower Upper
96 100
61 160.5 0.0 521.4
98 63.4 0.0 125.8

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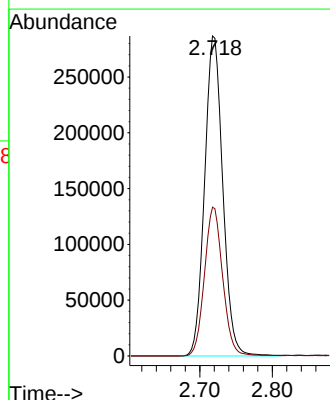
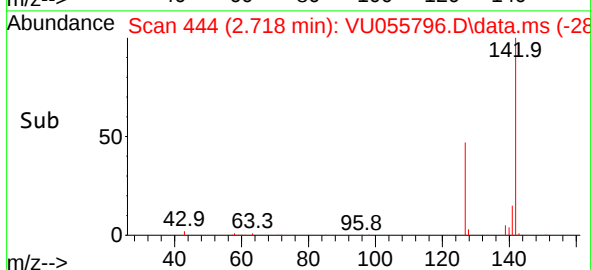
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

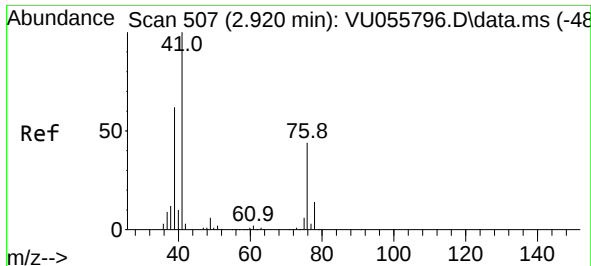


#10
Iodomethane
Concen: 11.596 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



Tgt Ion:142 Resp: 500044
Ion Ratio Lower Upper
142 100
127 46.7 35.9 53.9





#11

Allyl Chloride

Concen: 11.259 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 42094

Ion Ratio Lower Upper

41 100

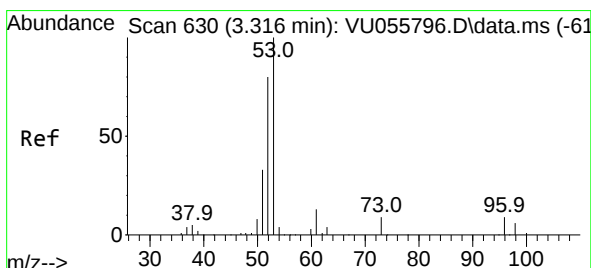
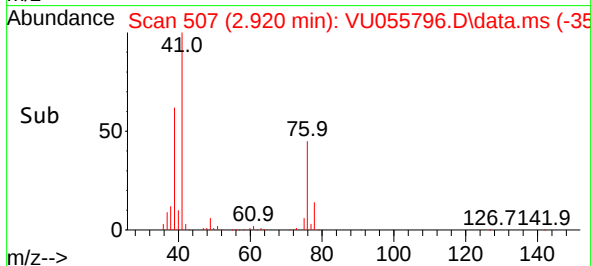
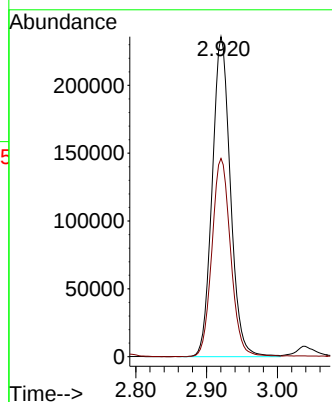
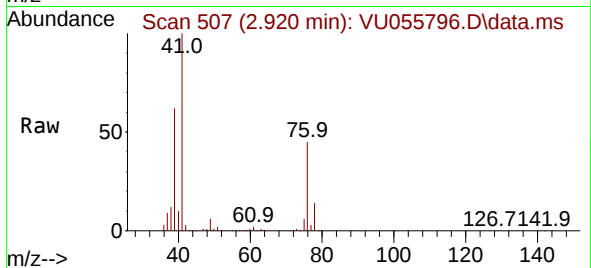
39 63.7 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#12

Acrylonitrile

Concen: 22.973 ug/l

RT: 3.316 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

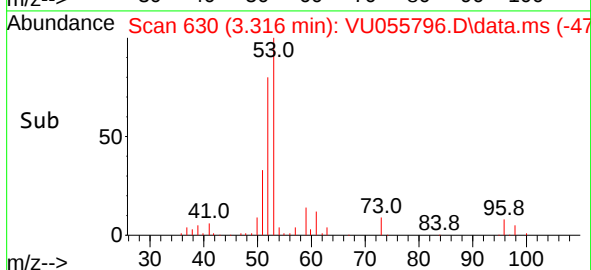
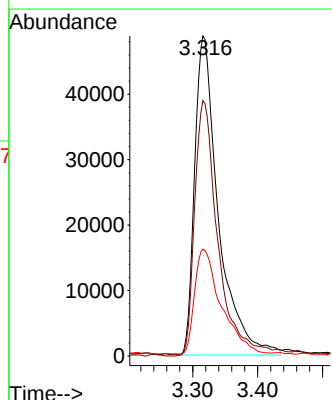
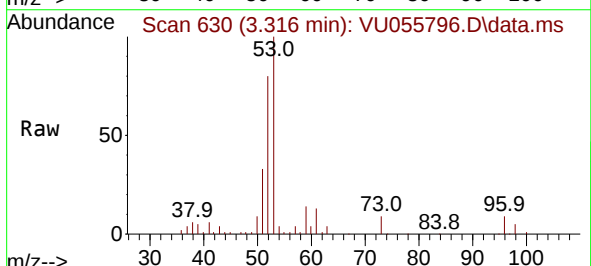
Tgt Ion: 53 Resp: 124161

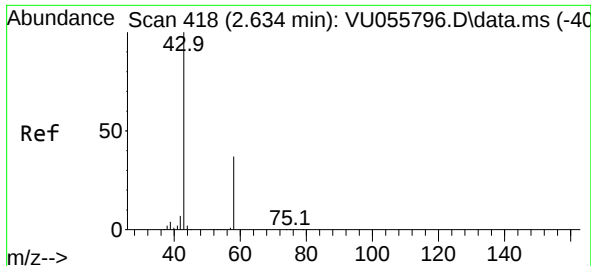
Ion Ratio Lower Upper

53 100

52 78.2 62.9 94.3

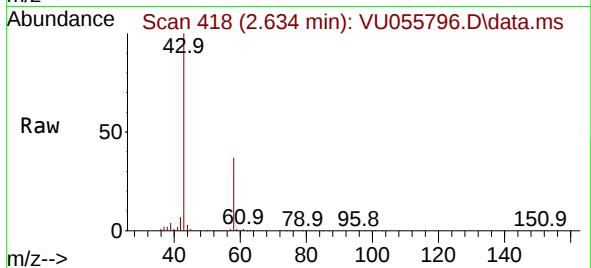
51 36.7 27.8 41.6





#13
Acetone
Concen: 54.354 ug/l
RT: 2.634 min Scan# 418
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

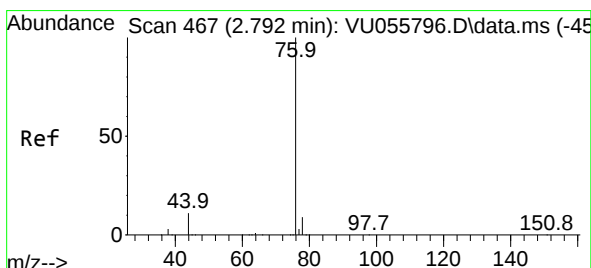
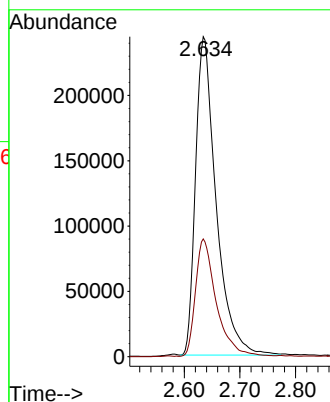
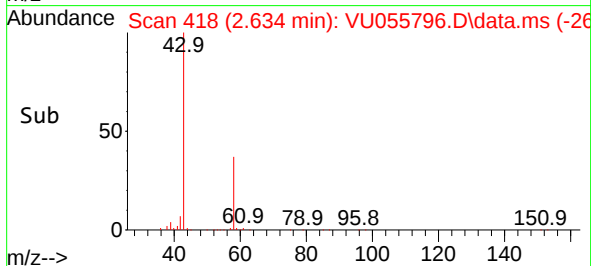
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



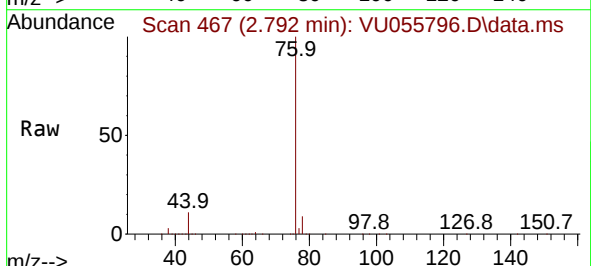
Tgt Ion: 43 Resp: 626700
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.4

Manual Integrations
APPROVED

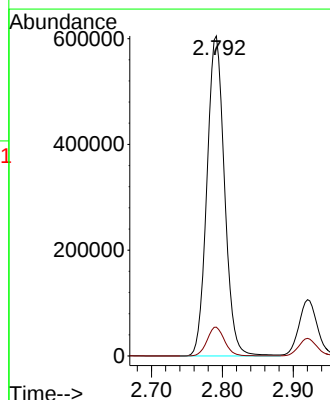
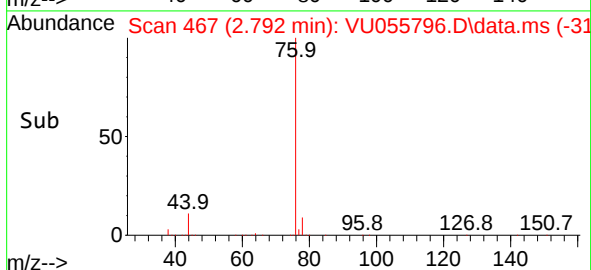
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

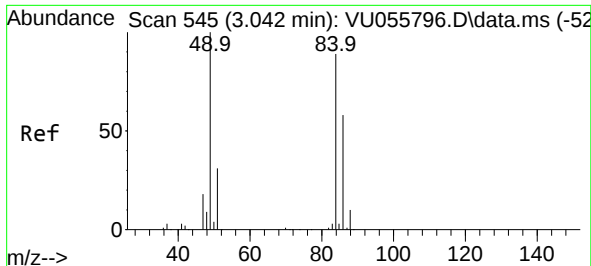


#14
Carbon Disulfide
Concen: 11.083 ug/l
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



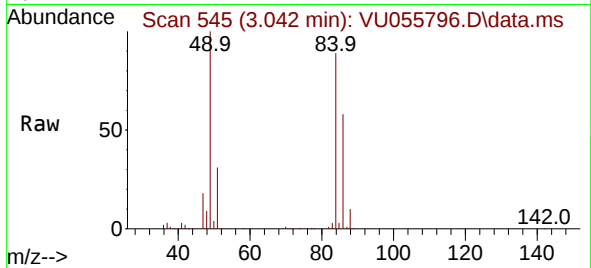
Tgt Ion: 76 Resp: 1040555
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 10.422 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

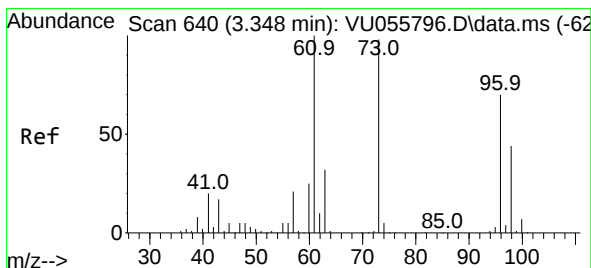
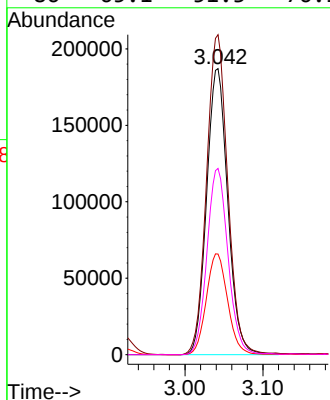
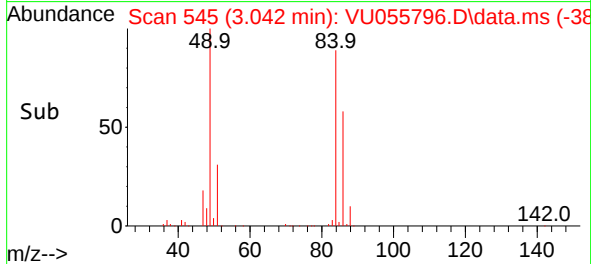
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 35355
Ion Ratio Lower Upper
84 100
49 111.9 98.9 148.3
51 35.2 0.0 75.4
86 65.1 51.3 76.9

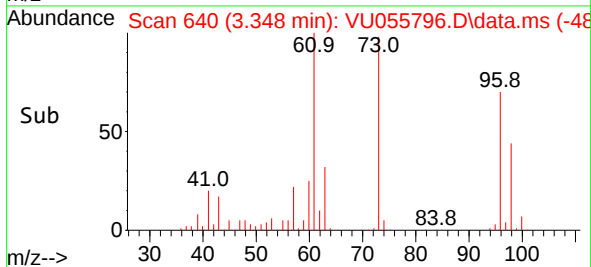
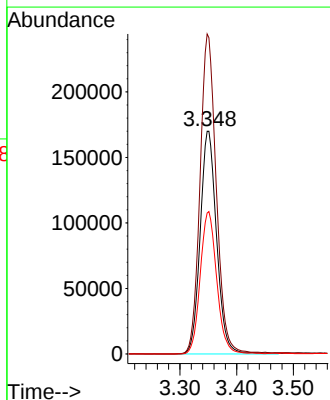
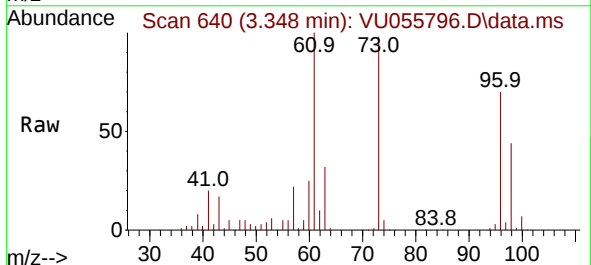
Manual Integrations
APPROVED

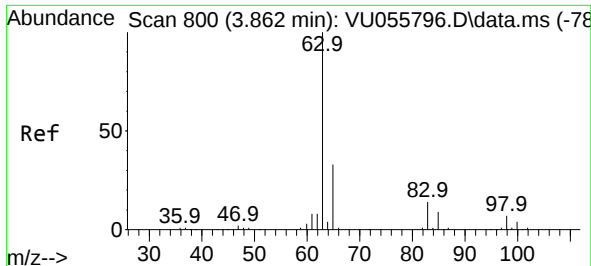
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
trans-1,2-Dichloroethene
Concen: 11.248 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 96 Resp: 342882
Ion Ratio Lower Upper
96 100
61 143.6 117.5 176.3
98 63.3 48.3 72.5





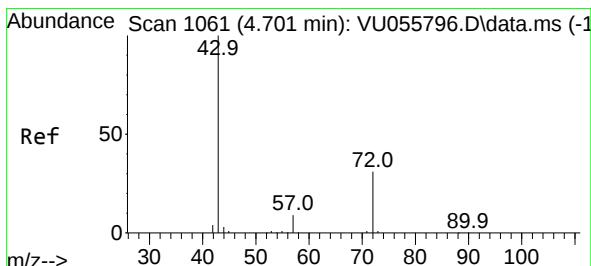
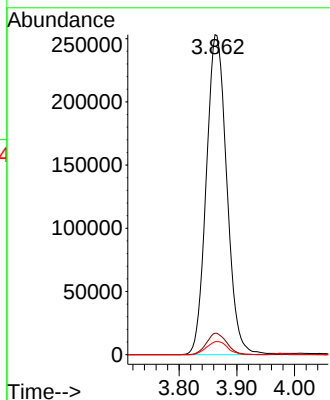
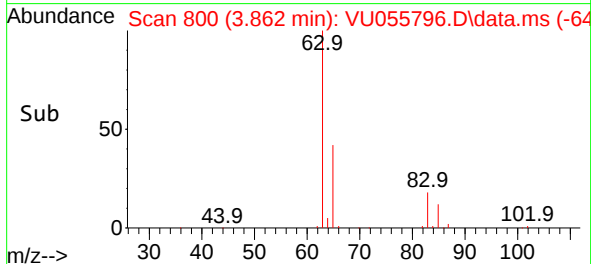
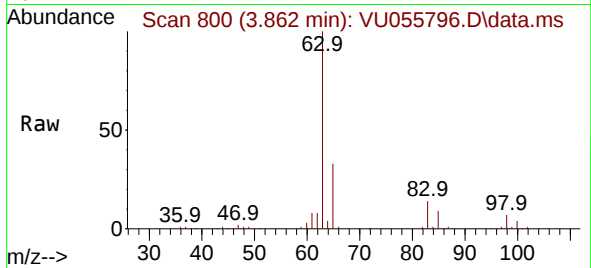
#17
1,1-Dichloroethane
Concen: 11.004 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 623830
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.1
100 4.0 2.2 6.6

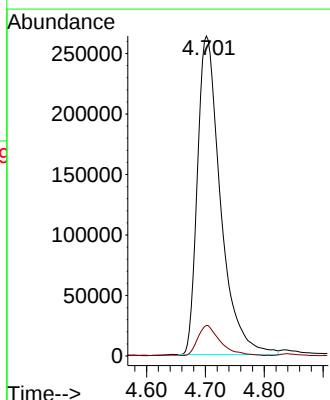
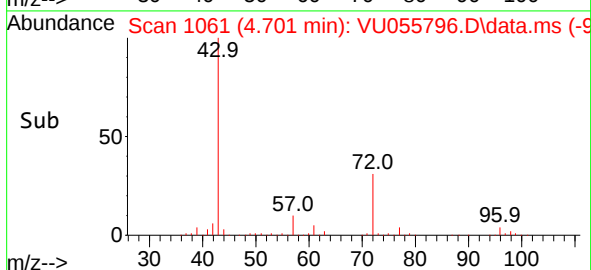
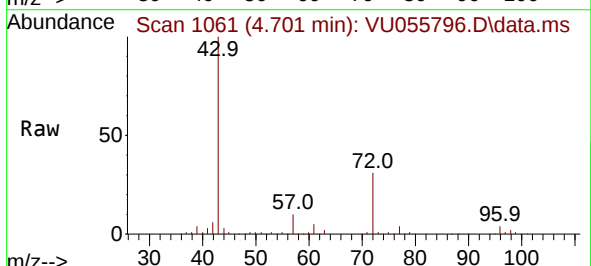
Manual Integrations
APPROVED

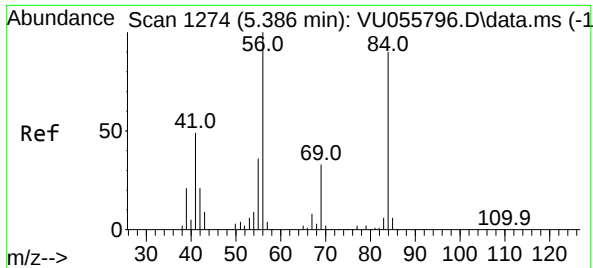
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#18
2-Butanone
Concen: 57.742 ug/l
RT: 4.701 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 43 Resp: 717293
Ion Ratio Lower Upper
43 100
57 9.4 0.0 19.6





#19

Cyclohexane

Concen: 13.429 ug/l m

RT: 5.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 56 Resp: 57588

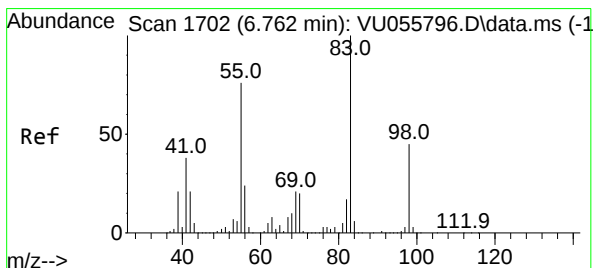
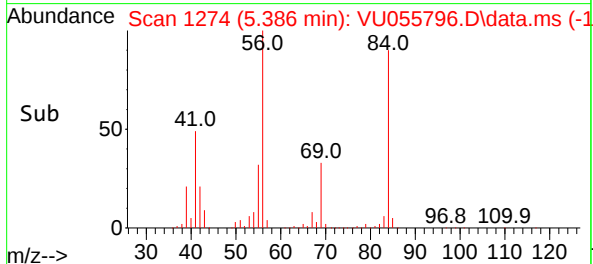
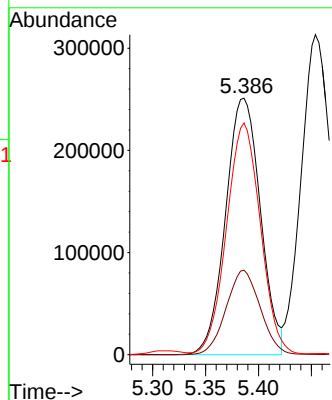
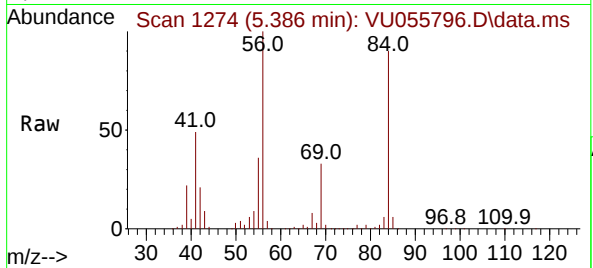
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.6	37.0
84	86.4	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#20

Methylcyclohexane

Concen: 12.362 ug/l

RT: 6.762 min Scan# 1702

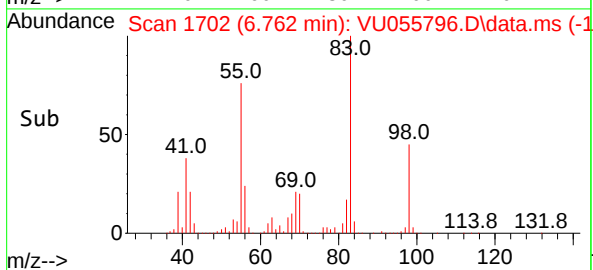
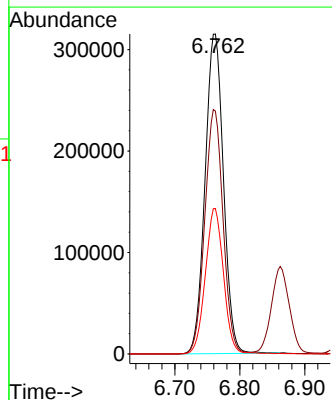
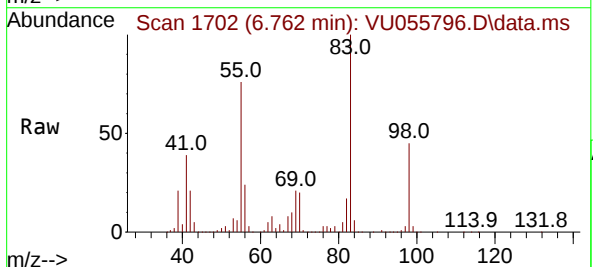
Delta R.T. 0.000 min

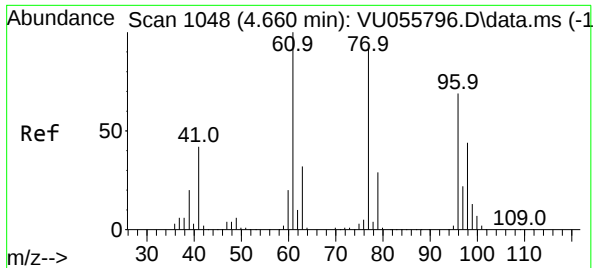
Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Tgt Ion: 83 Resp: 621138

Ion	Ratio	Lower	Upper
83	100		
55	75.3	63.5	95.3
98	44.6	36.0	54.0





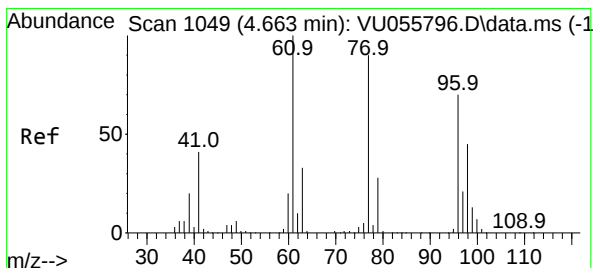
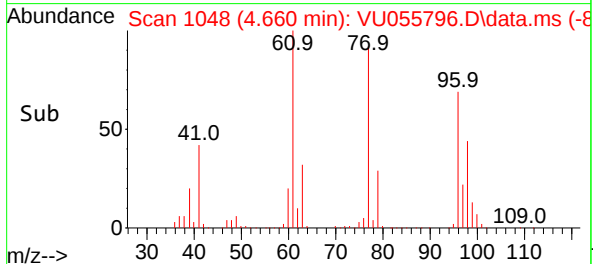
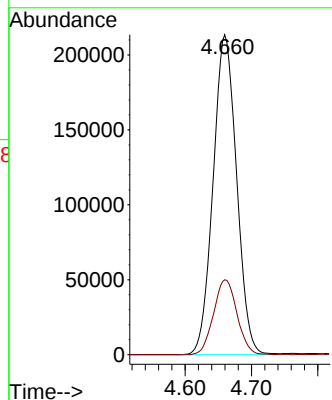
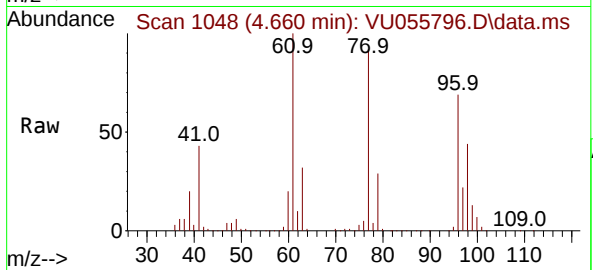
#21
2,2-Dichloropropane
Concen: 11.010 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 525580
Ion Ratio Lower Upper
77 100
97 23.4 18.4 27.6

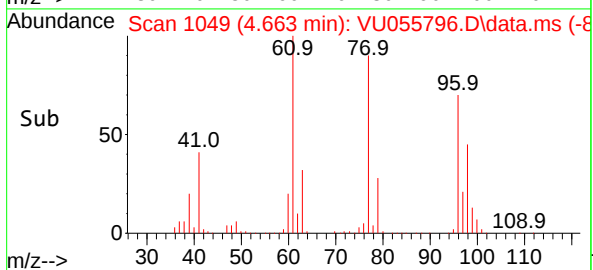
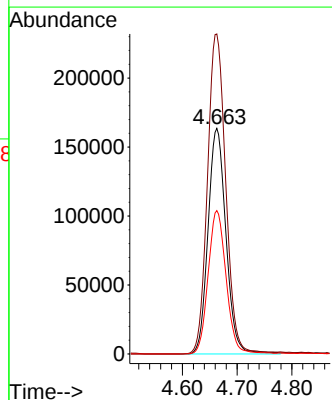
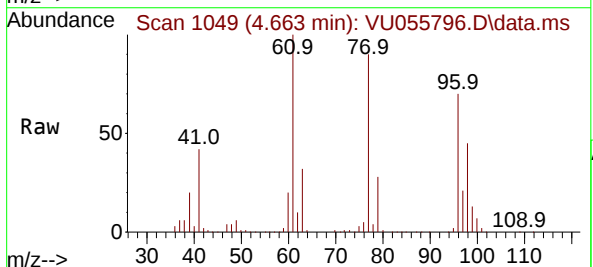
Manual Integrations
APPROVED

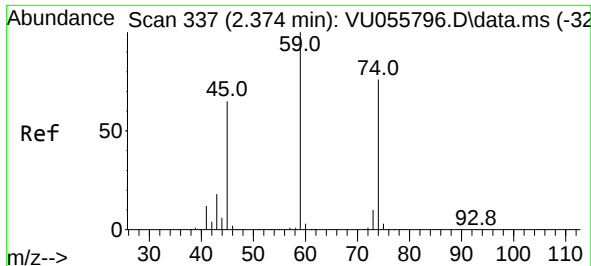
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
cis-1,2-Dichloroethene
Concen: 11.473 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 96 Resp: 372789
Ion Ratio Lower Upper
96 100
61 144.2 0.0 365.8
98 63.8 32.0 96.0





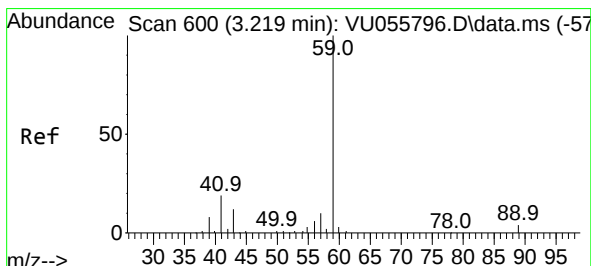
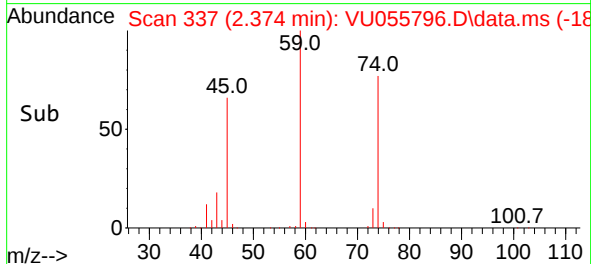
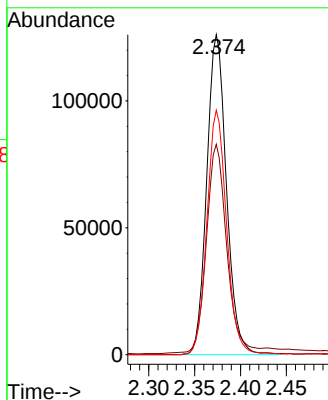
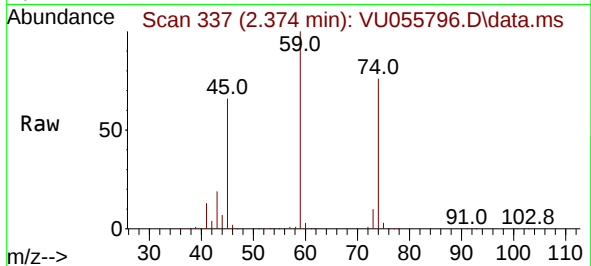
#23
Diethyl Ether
Concen: 10.939 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 18808
Ion Ratio Lower Upper
59 100
45 67.8 56.1 84.1
74 76.2 57.4 86.2

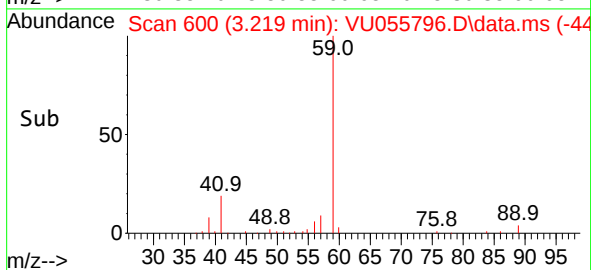
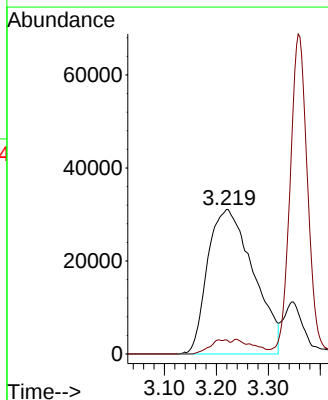
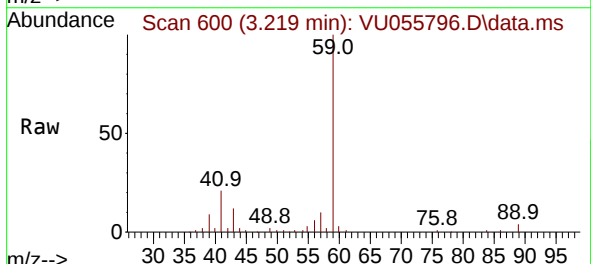
Manual Integrations
APPROVED

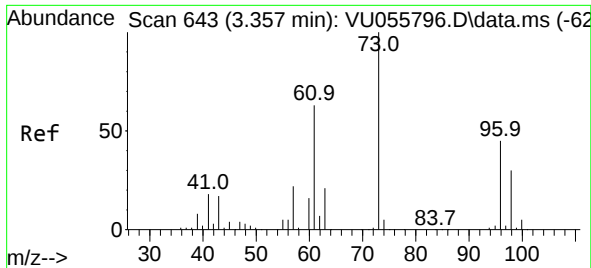
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#24
tert-Butyl Alcohol
Concen: 111.000 ug/l
RT: 3.219 min Scan# 600
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

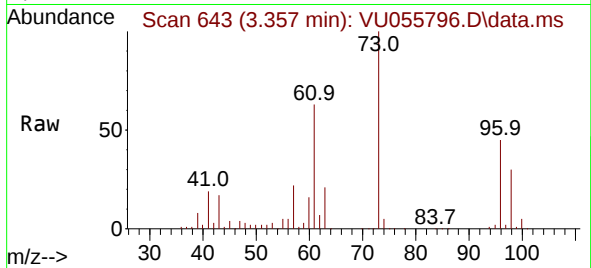
Tgt Ion: 59 Resp: 189607
Ion Ratio Lower Upper
59 100
57 2.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 11.549 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

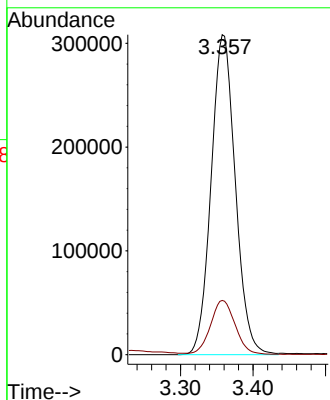
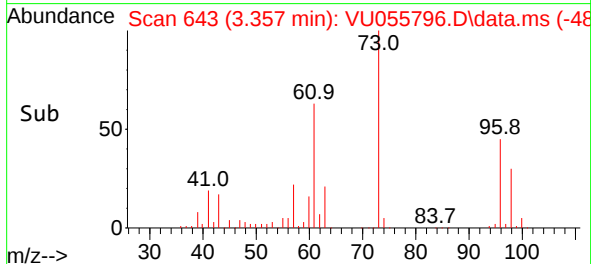
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



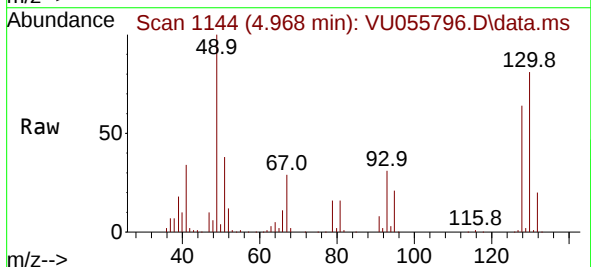
Tgt Ion: 73 Resp: 71483
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.6

Manual Integrations
APPROVED

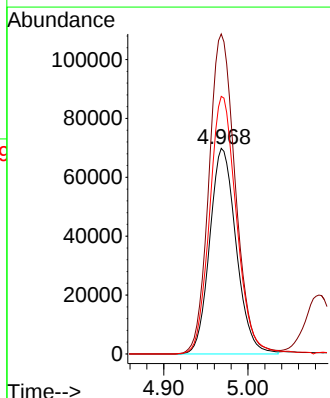
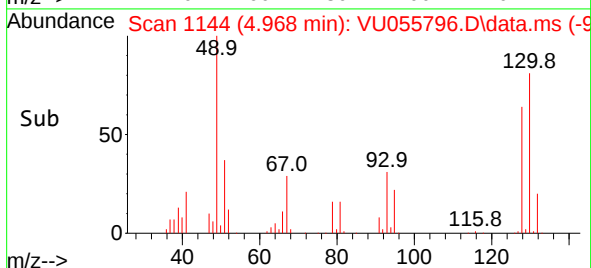
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

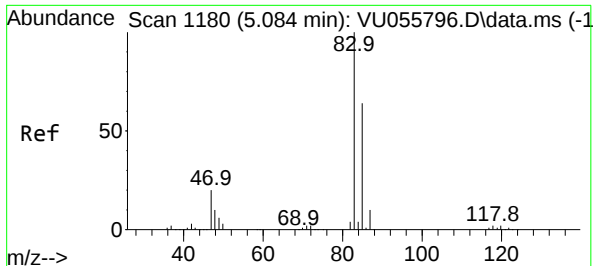


#26
Bromochloromethane
Concen: 11.036 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



Tgt Ion:128 Resp: 151976
Ion Ratio Lower Upper
128 100
49 156.0 0.0 324.6
130 128.1 103.0 154.4





#27

Chloroform

Concen: 10.909 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 634664

Ion Ratio Lower Upper

83 100

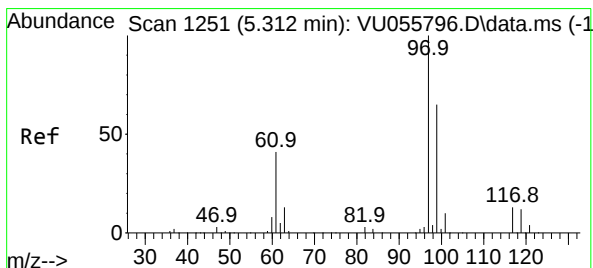
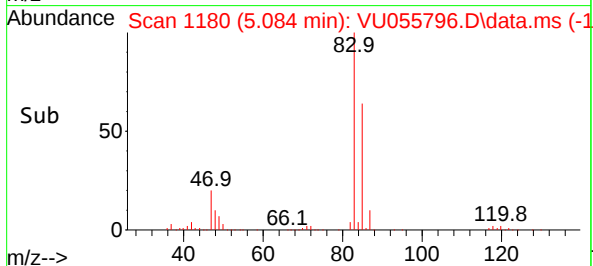
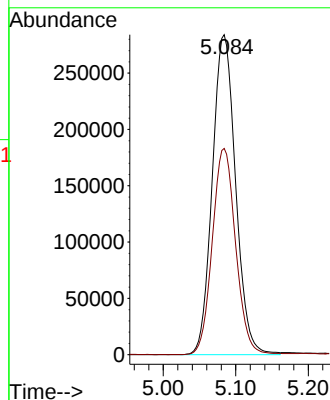
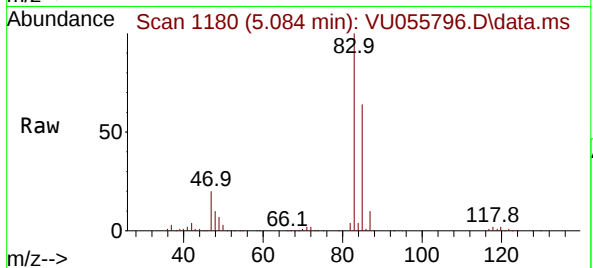
85 64.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#28

1,1,1-Trichloroethane

Concen: 11.071 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

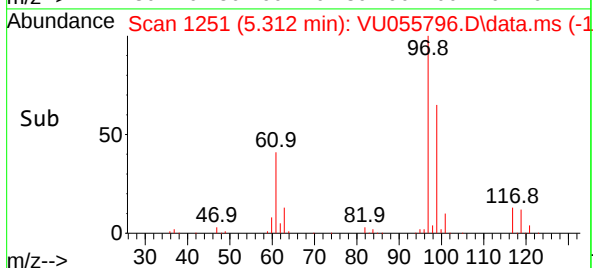
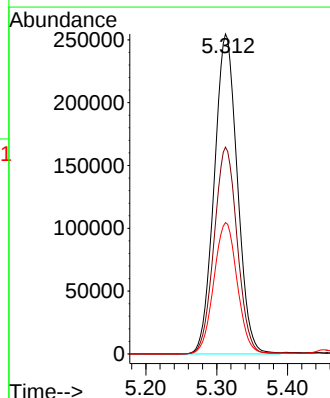
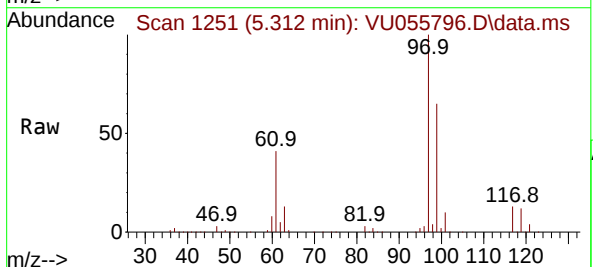
Tgt Ion: 97 Resp: 577239

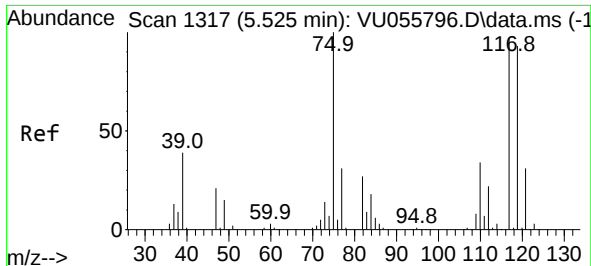
Ion Ratio Lower Upper

97 100

99 64.7 32.0 96.2

61 41.8 22.9 68.5





#29

1,1-Dichloropropene

Concen: 11.491 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 474570

Ion Ratio Lower Upper

75 100

110 34.8 18.0 54.0

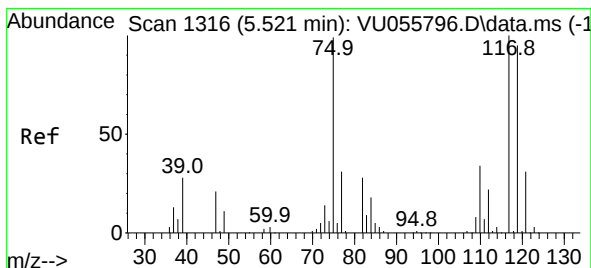
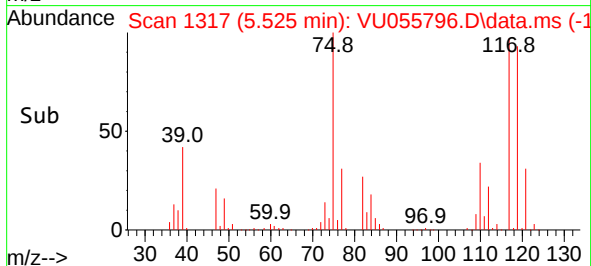
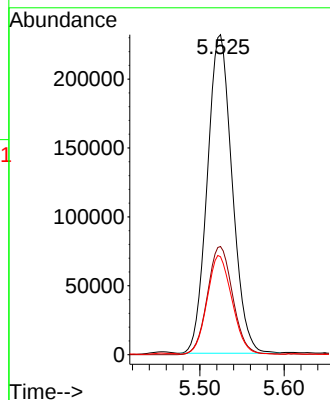
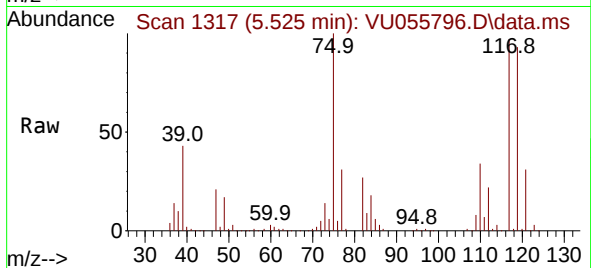
77 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#30

Carbon Tetrachloride

Concen: 11.114 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

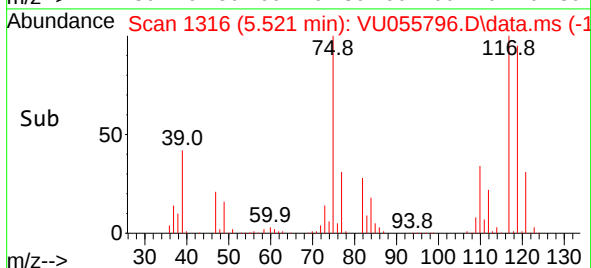
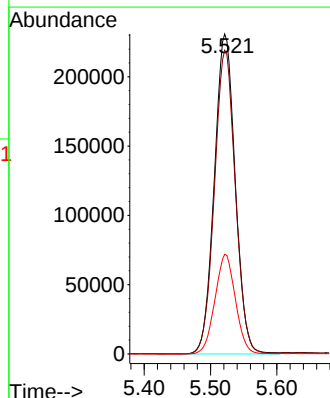
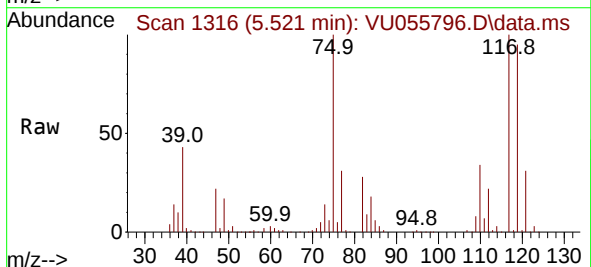
Tgt Ion:117 Resp: 505862

Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.0

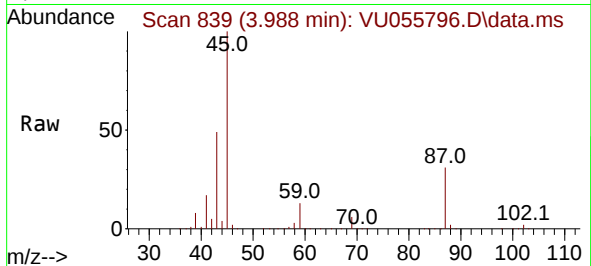
121 31.1 24.0 36.0





#31
Isopropyl Ether
Concen: 11.720 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

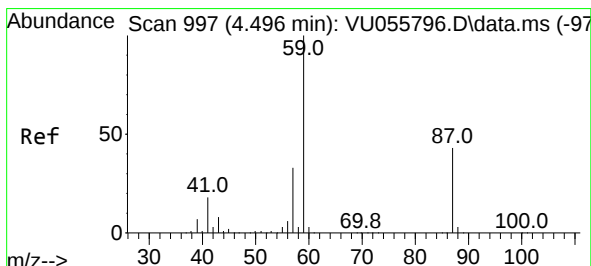
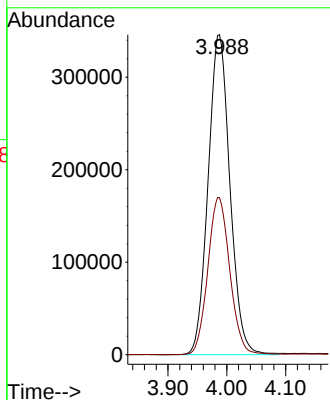
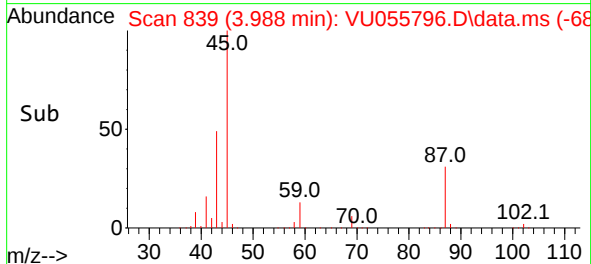
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



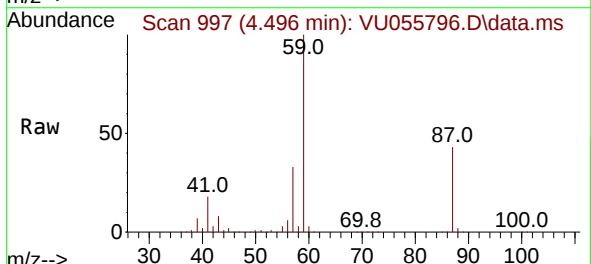
Tgt Ion: 45 Resp: 892624
Ion Ratio Lower Upper
45 100
43 49.6 27.5 82.5

Manual Integrations
APPROVED

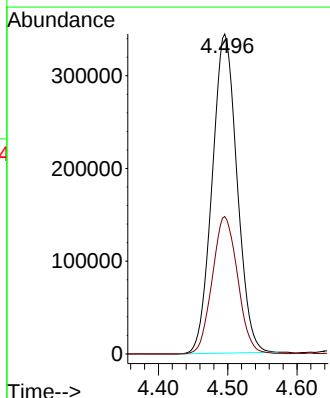
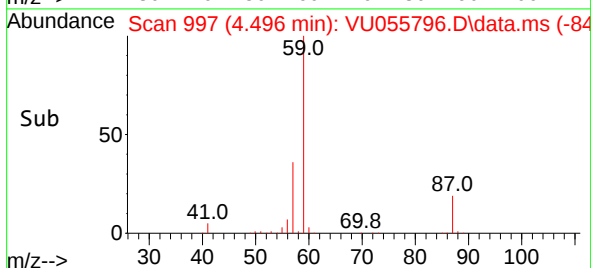
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

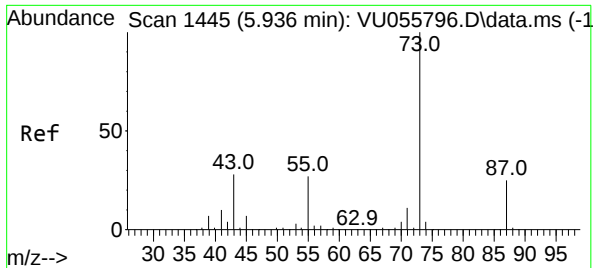


#32
Ethyl-t-butyl ether
Concen: 11.681 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



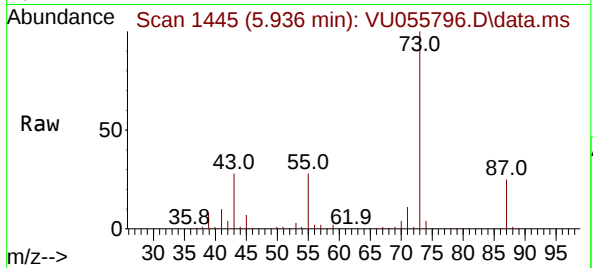
Tgt Ion: 59 Resp: 858803
Ion Ratio Lower Upper
59 100
87 43.6 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 11.812 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

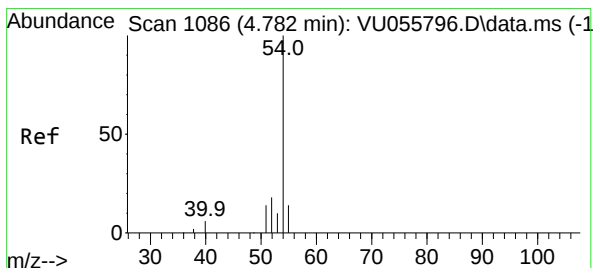
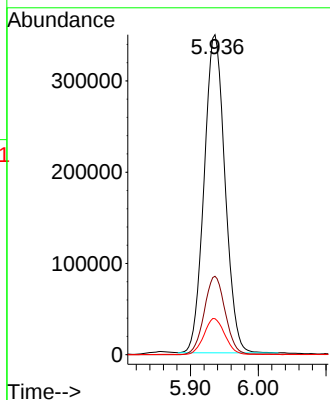
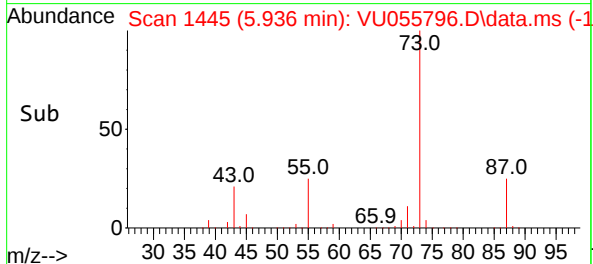
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 744250
Ion Ratio Lower Upper
73 100
87 24.6 18.6 28.0
71 11.3 9.9 14.9

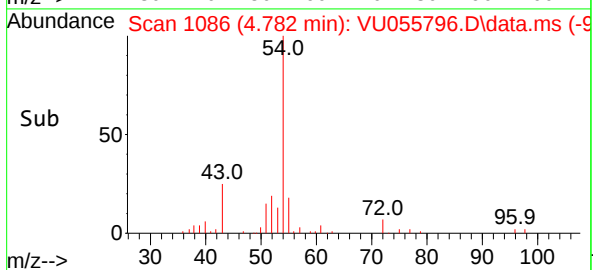
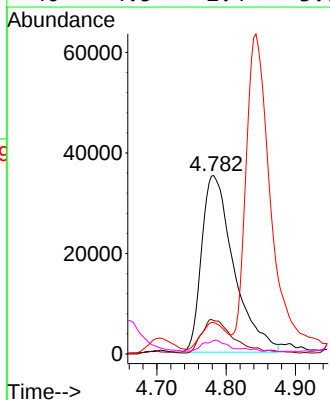
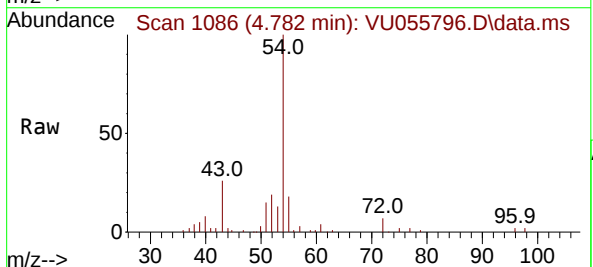
Manual Integrations
APPROVED

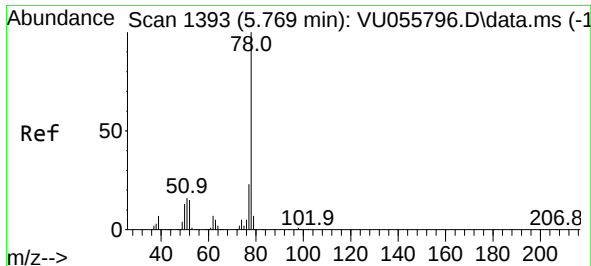
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#34
Propionitrile
Concen: 59.521 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

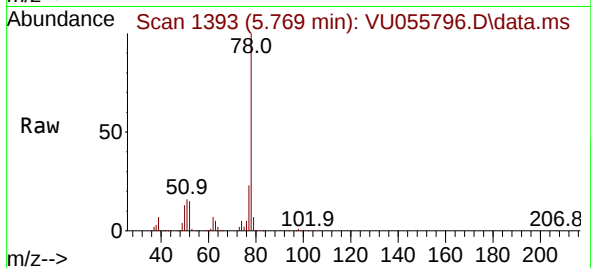
Tgt Ion: 54 Resp: 113765
Ion Ratio Lower Upper
54 100
52 18.1 17.4 26.0
55 13.5 104.1 156.1#
40 4.5 2.4 3.6#





#35
Benzene
Concen: 11.191 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

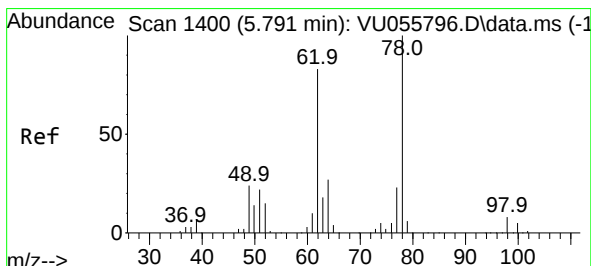
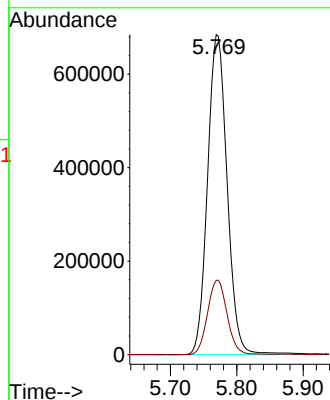
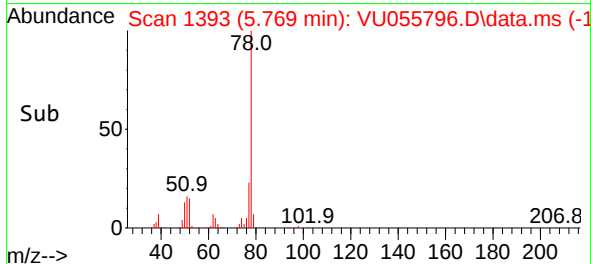
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 78 Resp: 140001
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

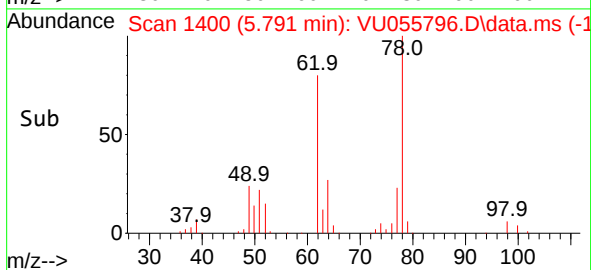
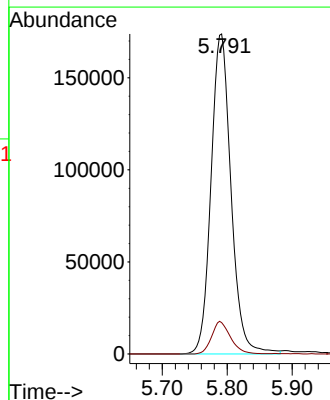
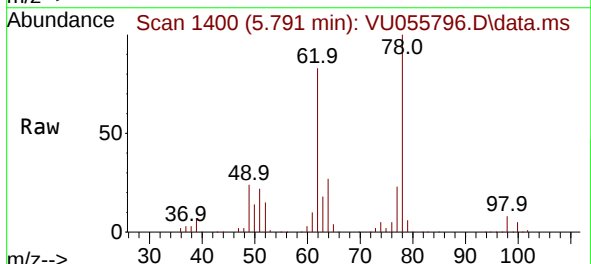
Manual Integrations
APPROVED

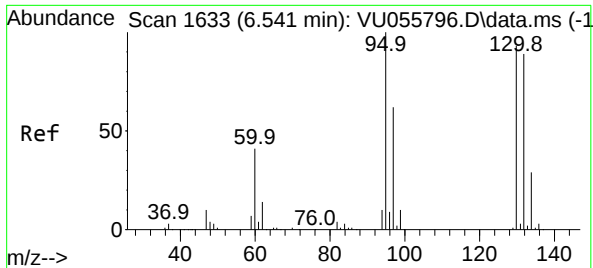
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#36
1,2-Dichloroethane
Concen: 10.932 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

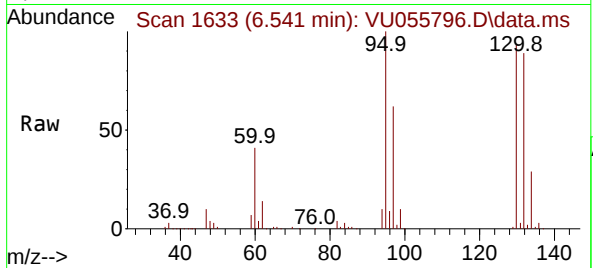
Tgt Ion: 62 Resp: 371405
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#37
Trichloroethene
Concen: 11.064 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

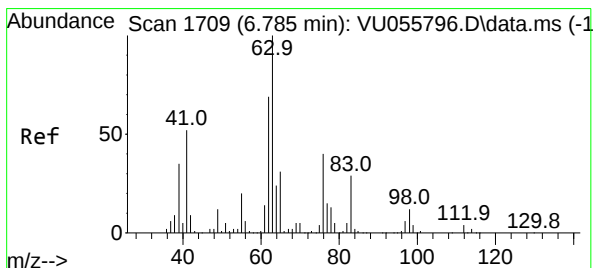
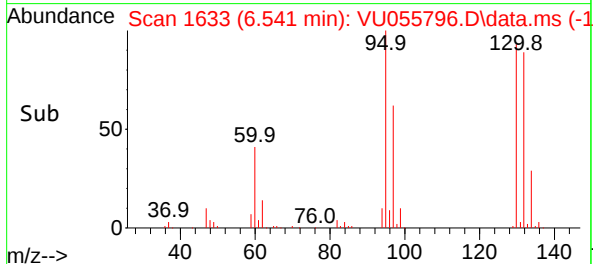
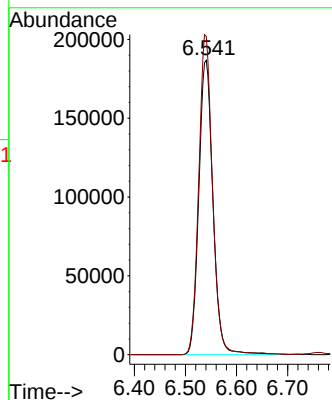
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:130 Resp: 360090
Ion Ratio Lower Upper
130 100
95 108.1 85.0 127.6

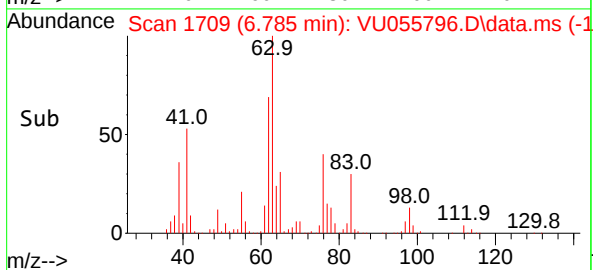
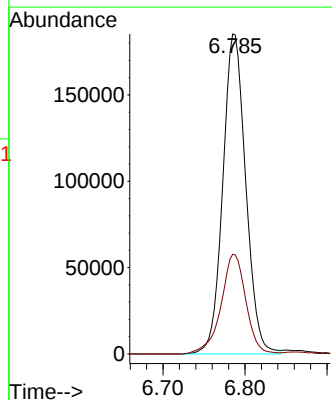
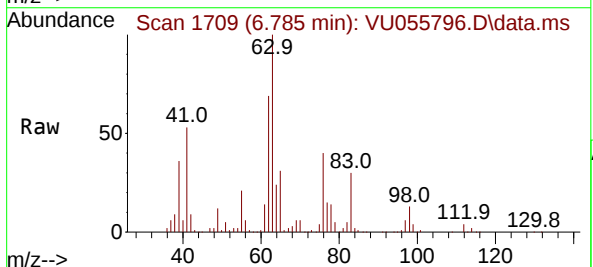
Manual Integrations
APPROVED

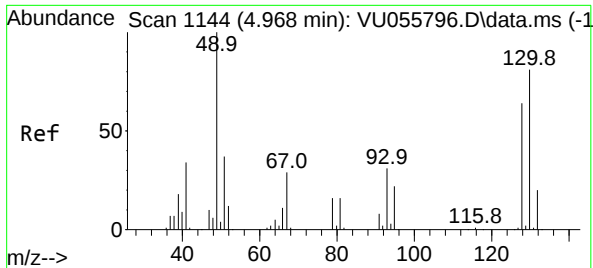
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#38
1,2-Dichloropropane
Concen: 11.033 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 63 Resp: 360446
Ion Ratio Lower Upper
63 100
65 31.2 24.9 37.3





#39

Methacrylonitrile

Concen: 12.175 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 8698

Ion Ratio Lower Upper

41 100

67 88.0 66.8 100.2

39 52.7 41.2 61.8

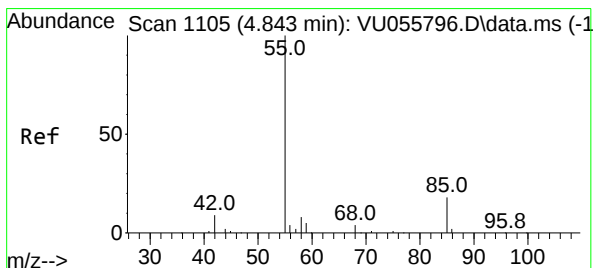
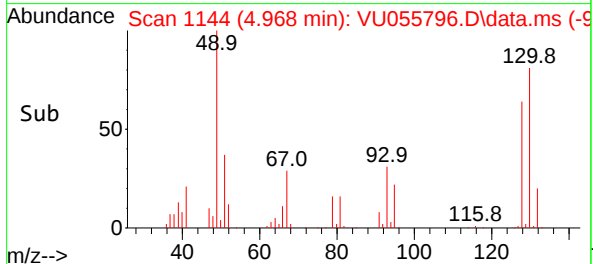
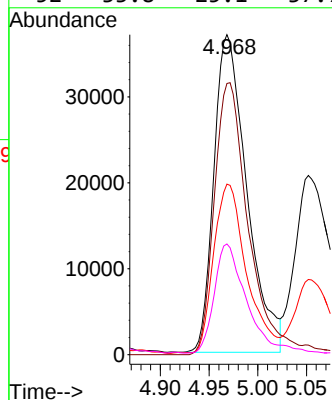
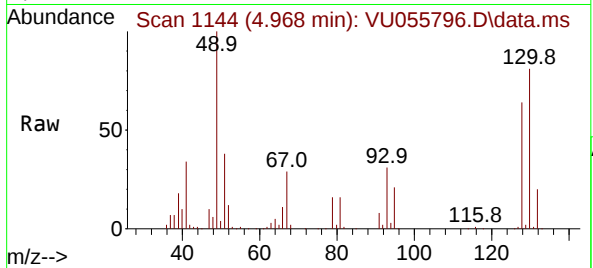
52 33.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#40

Methyl acrylate

Concen: 13.845 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Tgt Ion: 55 Resp: 163407

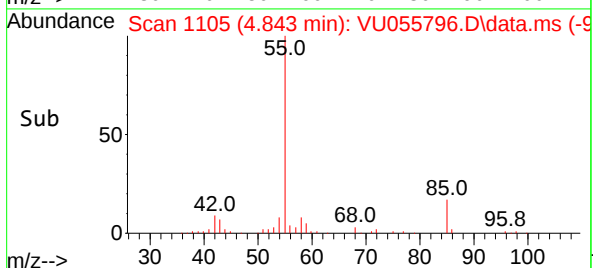
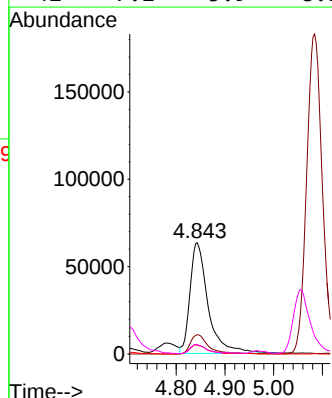
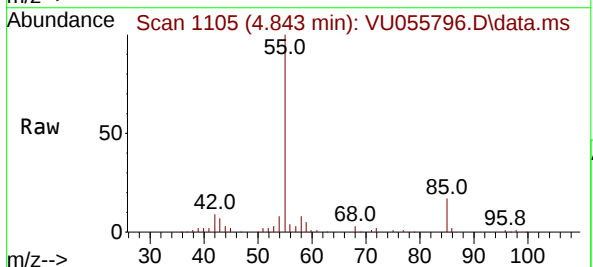
Ion Ratio Lower Upper

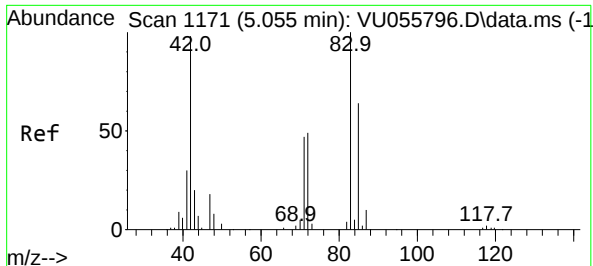
55 100

85 16.7 13.3 19.9

58 8.0 6.5 9.7

42 7.2 5.9 8.9





#41

Tetrahydrofuran

Concen: 21.759 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

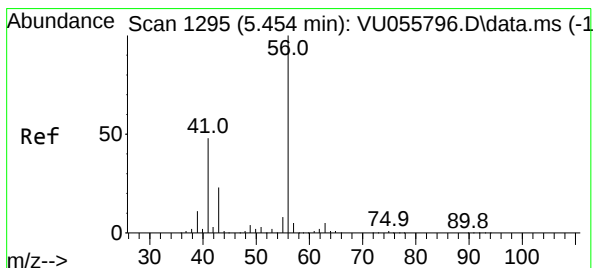
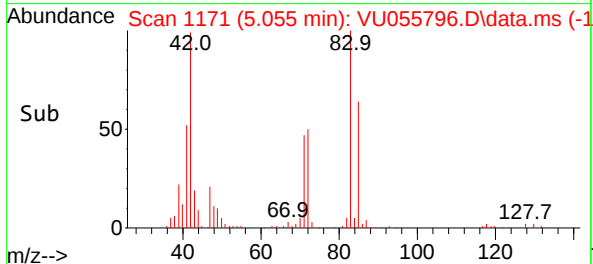
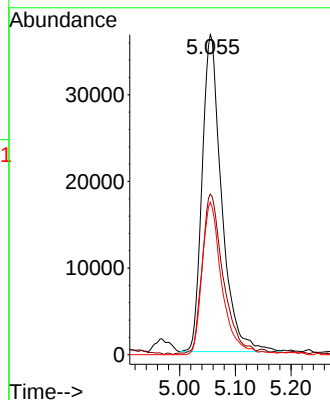
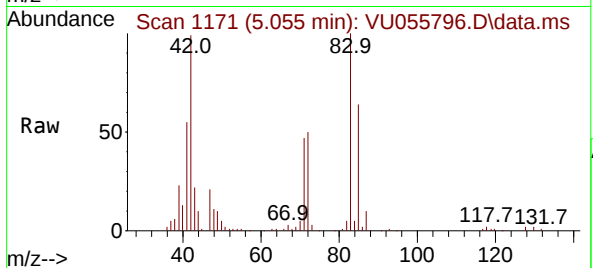
Tgt Ion: 42 Resp: 89268
 Ion Ratio Lower Upper
 42 100
 72 55.2 40.9 61.3
 71 48.3 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#42

1-Chlorobutane

Concen: 11.550 ug/l

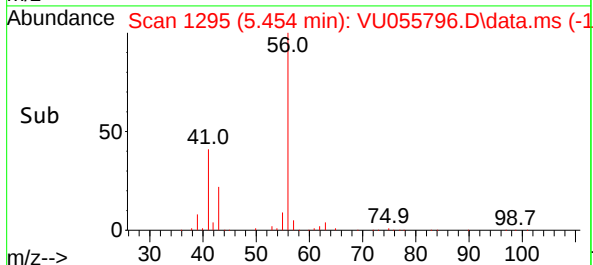
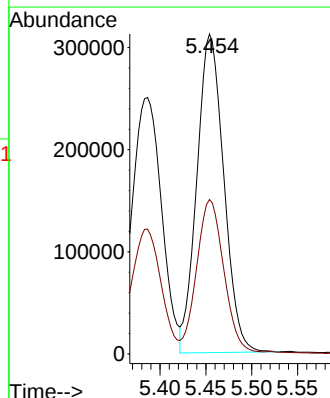
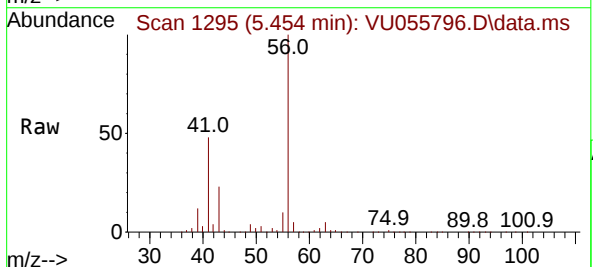
RT: 5.454 min Scan# 1295

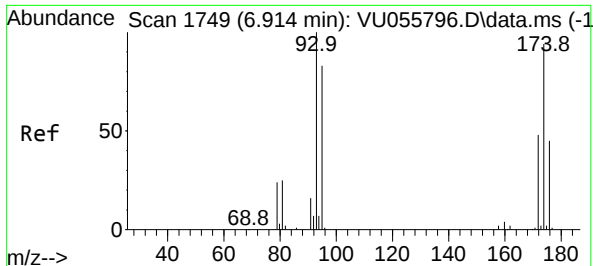
Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Tgt Ion: 56 Resp: 635945
 Ion Ratio Lower Upper
 56 100
 41 48.0 25.2 75.6





#43

Dibromomethane

Concen: 10.789 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 93 Resp: 16753

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

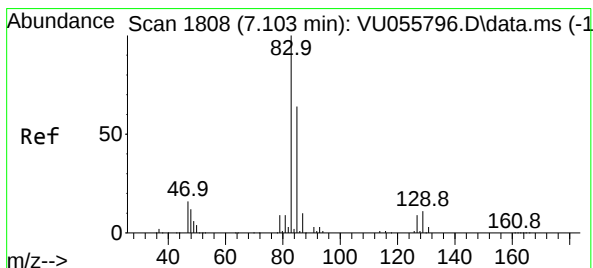
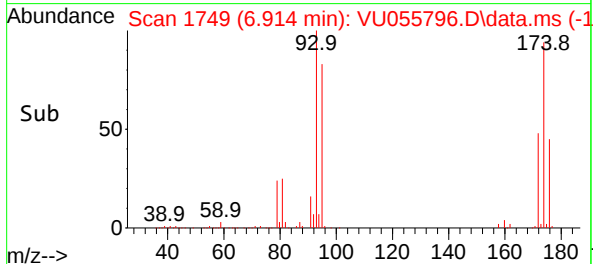
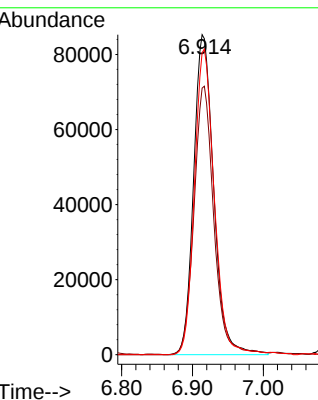
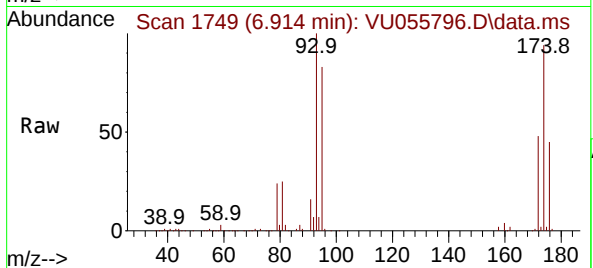
174 94.3 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#44

Bromodichloromethane

Concen: 11.003 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

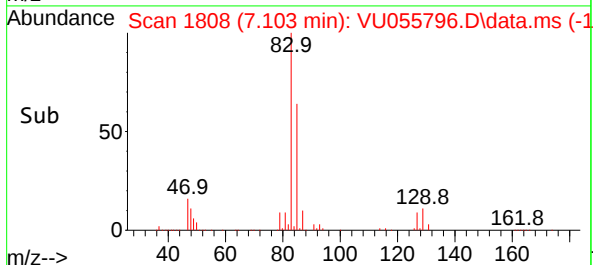
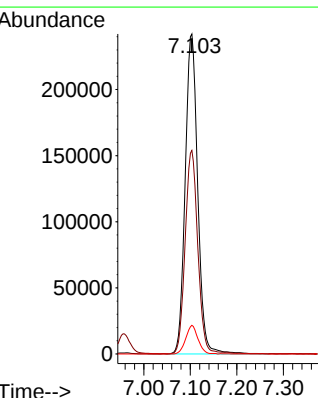
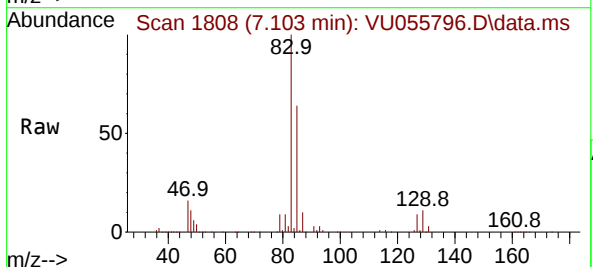
Tgt Ion: 83 Resp: 451517

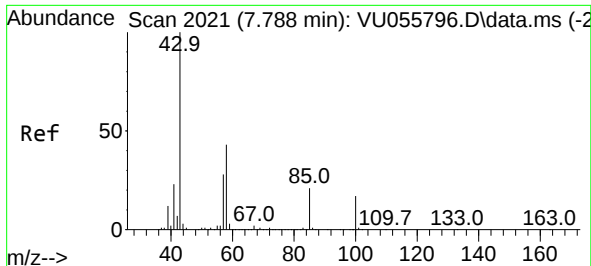
Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

127 9.0 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 58.042 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 932070

Ion Ratio Lower Upper

43 100

58 43.9 20.9 62.8

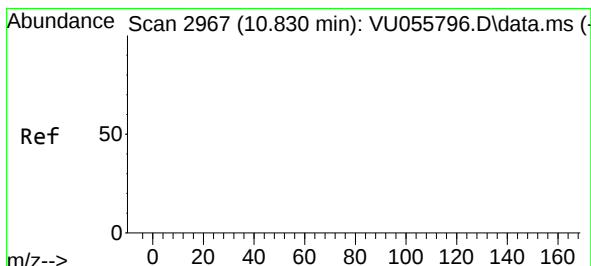
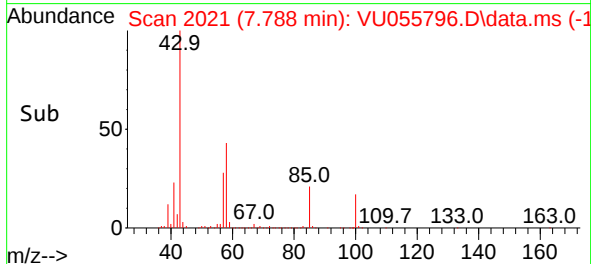
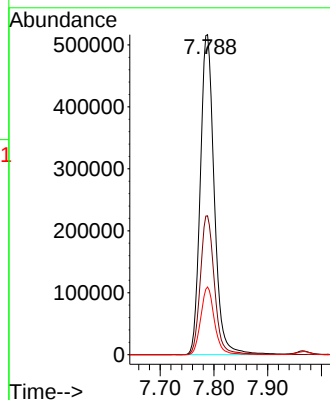
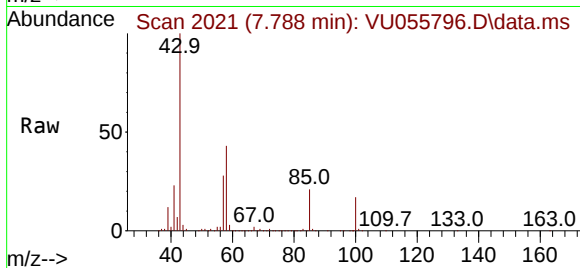
85 20.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#46

t-1,4-Dichloro-2-butene

Concen: 23.793 ug/l m

RT: 10.833 min Scan# 2968

Delta R.T. 0.003 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Tgt Ion: 75 Resp: 131540

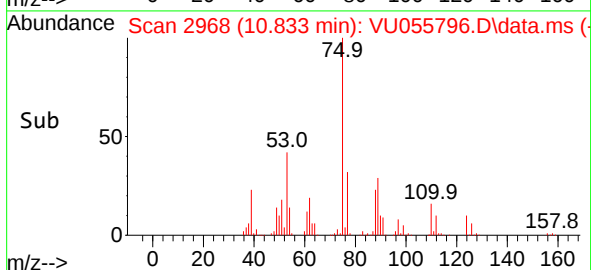
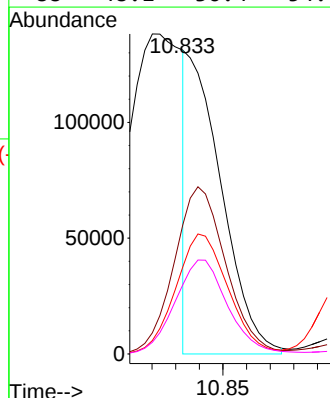
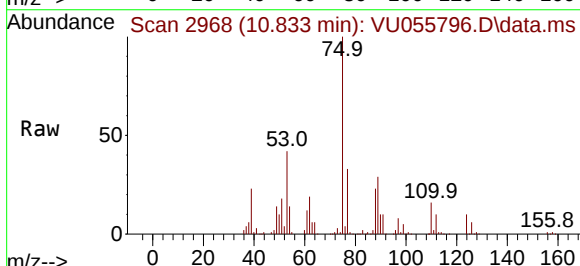
Ion Ratio Lower Upper

75 100

53 84.0 73.3 109.9

89 61.0 48.2 72.4

88 48.1 36.4 54.6





#47

Methyl methacrylate

Concen: 24.382 ug/l

RT: 6.959 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 31231

Ion Ratio Lower Upper

69 100

41 99.9 0.0 209.2

39 51.0 46.7 70.1

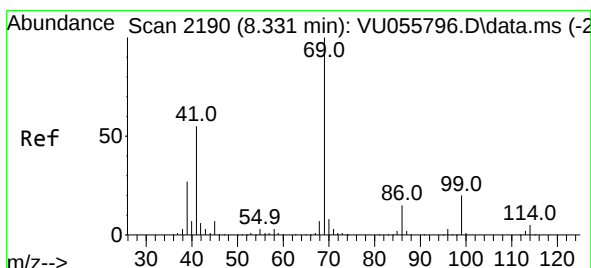
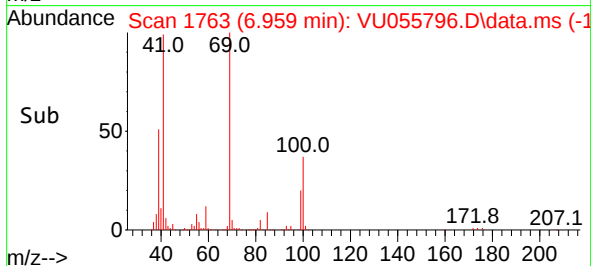
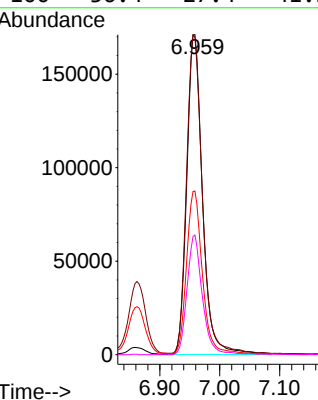
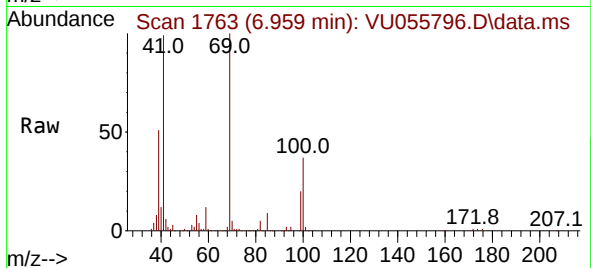
100 36.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#48

Ethyl methacrylate

Concen: 12.209 ug/l

RT: 8.331 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU055796.D

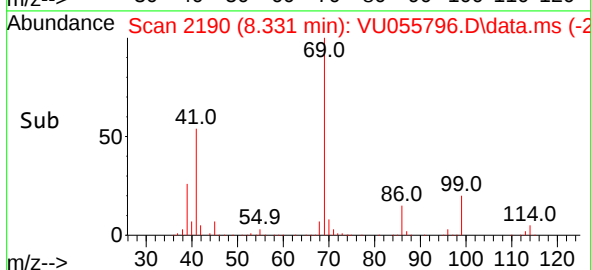
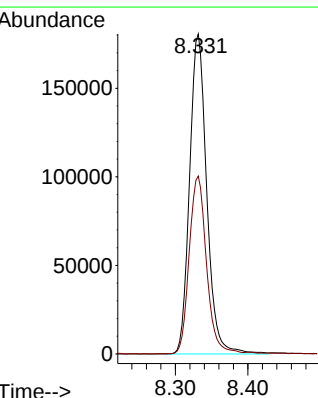
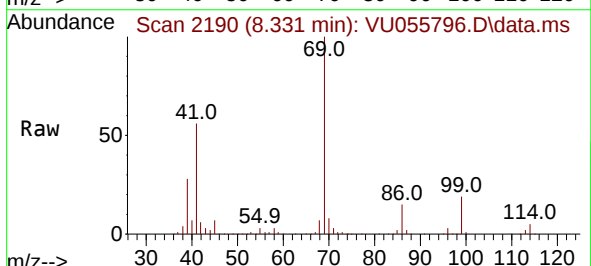
Acq: 18 Oct 2023 11:32

Tgt Ion: 69 Resp: 296876

Ion Ratio Lower Upper

69 100

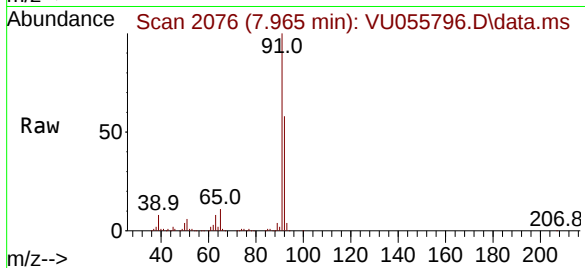
41 55.8 30.3 90.8





#49
Toluene
Concen: 11.729 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

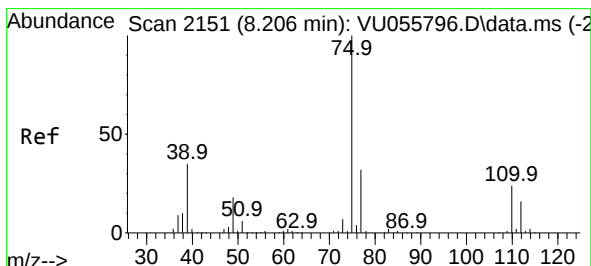
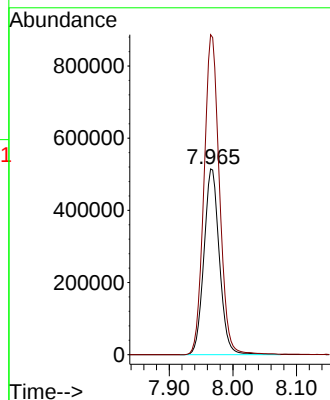
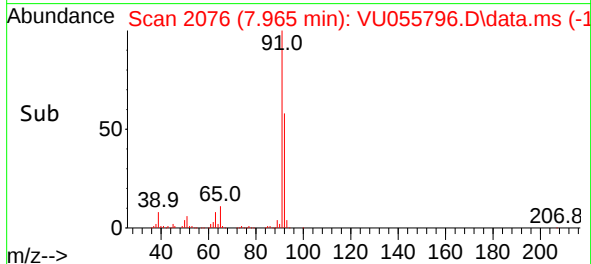
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 868400
Ion Ratio Lower Upper
92 100
91 172.6 143.0 214.6

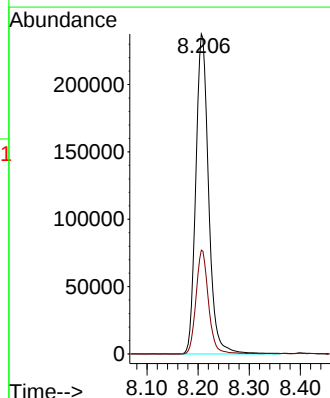
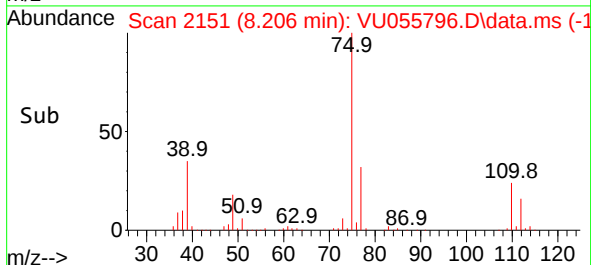
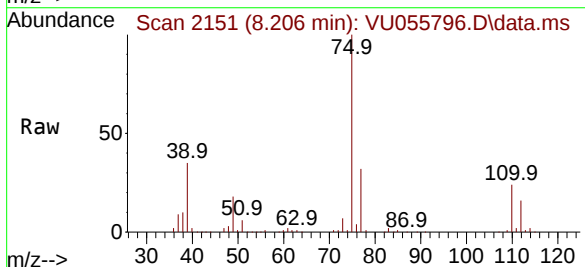
Manual Integrations
APPROVED

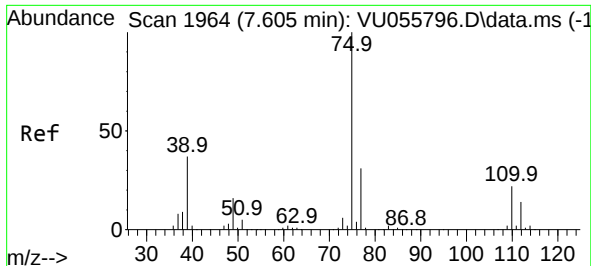
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#50
t-1,3-Dichloropropene
Concen: 11.408 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

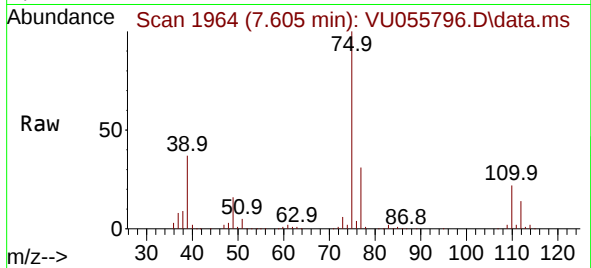
Tgt Ion: 75 Resp: 414258
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 11.550 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055796.D
 Acq: 18 Oct 2023 11:32

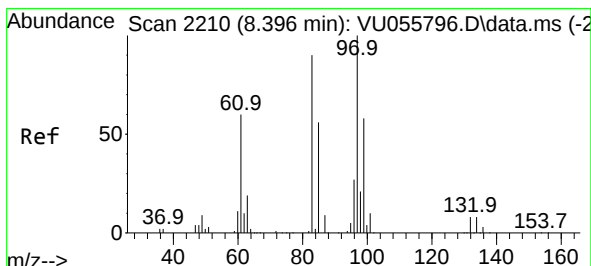
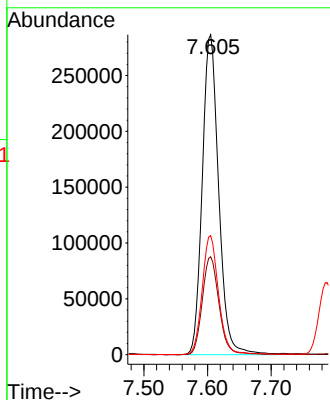
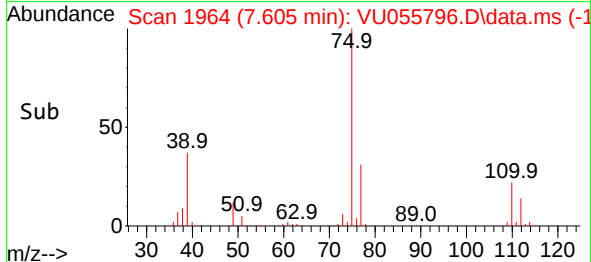
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 75 Resp: 51328
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5
 39 37.2 32.8 49.2

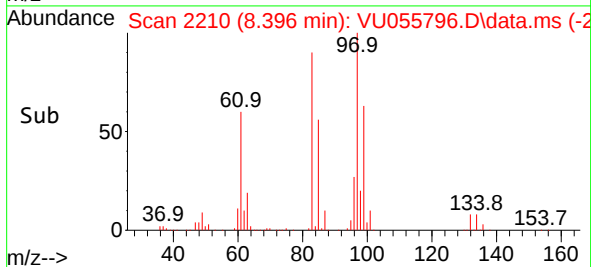
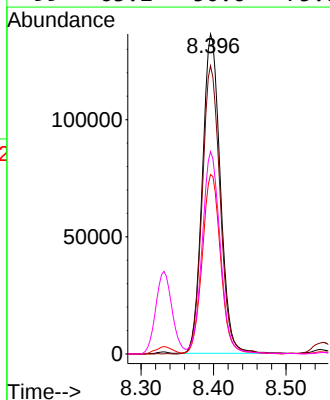
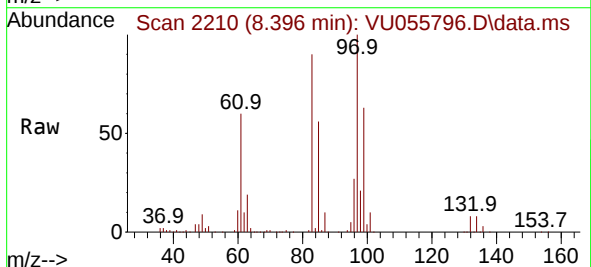
Manual Integrations
 APPROVED

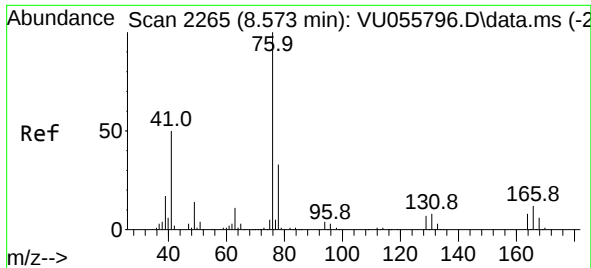
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#52
 1,1,2-Trichloroethane
 Concen: 10.556 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU055796.D
 Acq: 18 Oct 2023 11:32

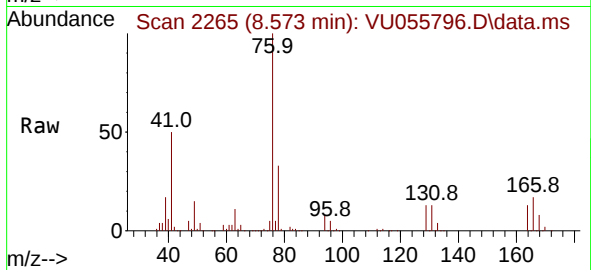
Tgt Ion: 97 Resp: 234115
 Ion Ratio Lower Upper
 97 100
 83 90.2 71.8 107.8
 85 56.1 45.2 67.8
 99 63.2 50.6 75.8





#53
1,3-Dichloropropane
Concen: 10.862 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

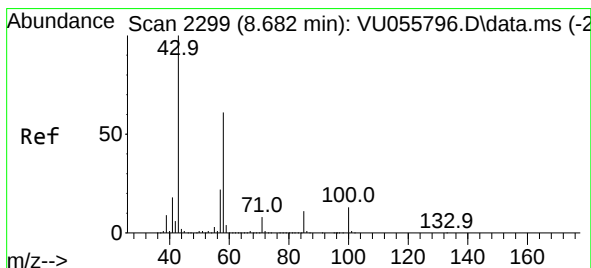
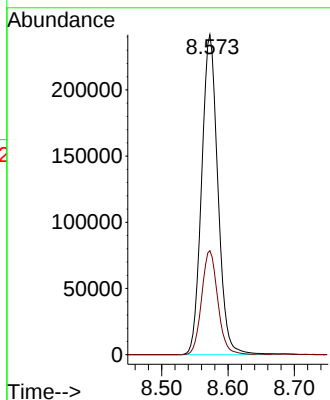
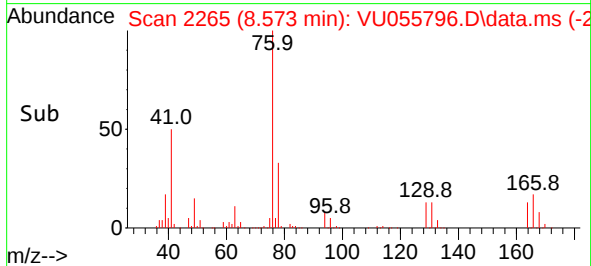
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 411714
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

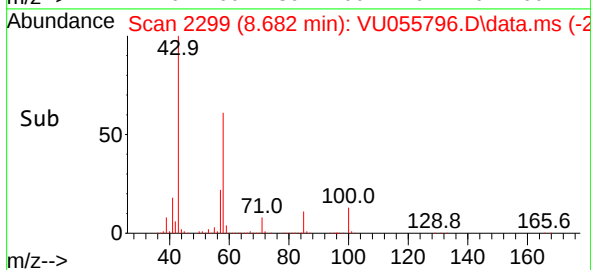
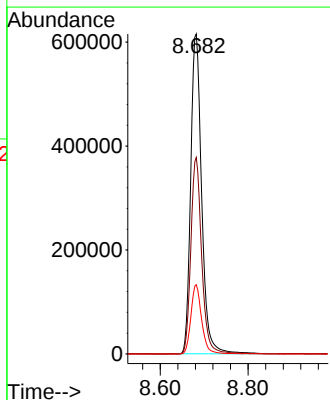
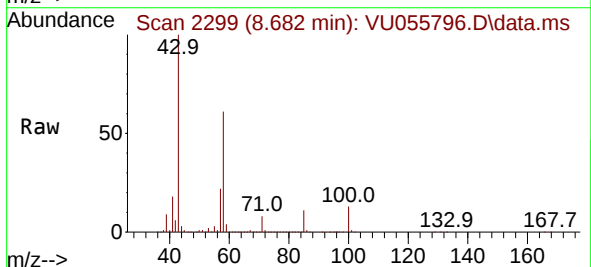
Manual Integrations
APPROVED

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



#54
2-Hexanone
Concen: 59.280 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

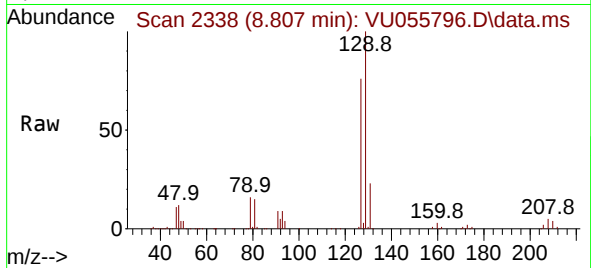
Tgt Ion: 43 Resp: 1066481
Ion Ratio Lower Upper
43 100
58 60.8 38.2 78.2
57 21.0 0.0 39.1





#55
Dibromochloromethane
Concen: 10.872 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

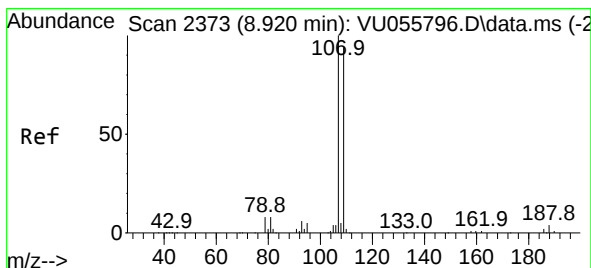
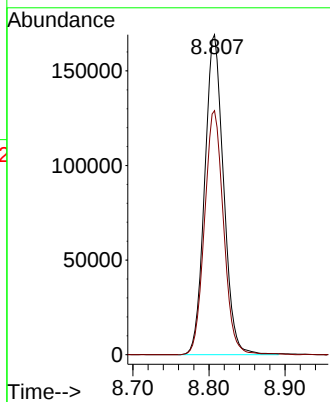
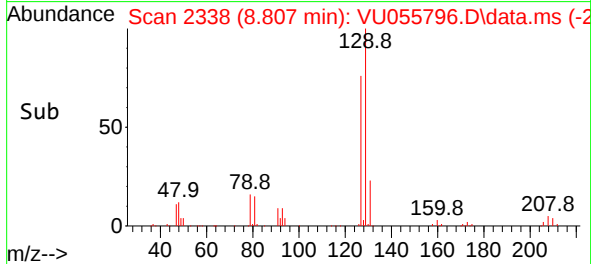
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:129 Resp: 29105
Ion Ratio Lower Upper
129 100
127 76.8 61.4 92.0

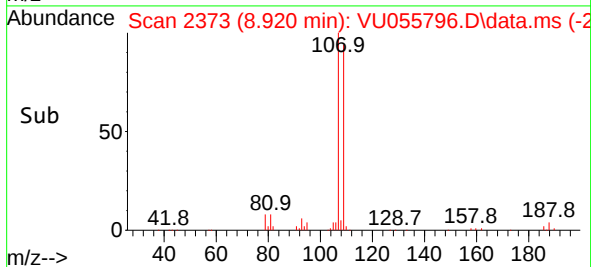
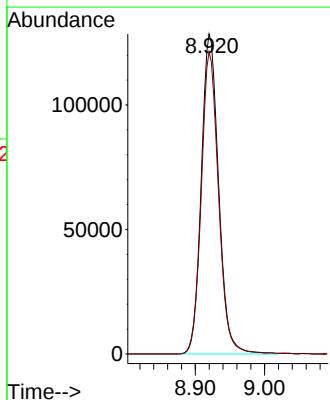
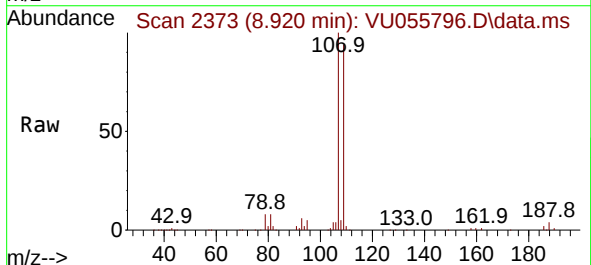
Manual Integrations
APPROVED

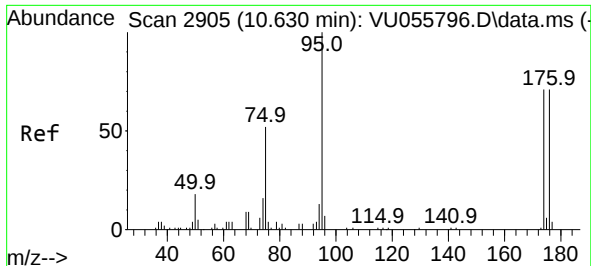
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#56
1,2-Dibromoethane
Concen: 11.012 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

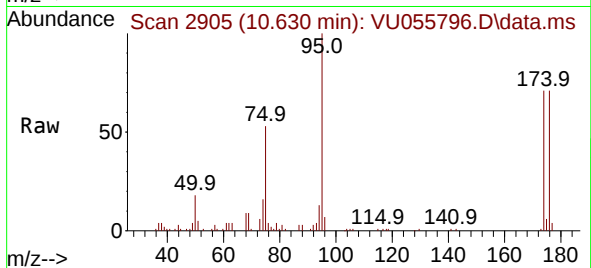
Tgt Ion:107 Resp: 223141
Ion Ratio Lower Upper
107 100
109 93.7 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.992 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

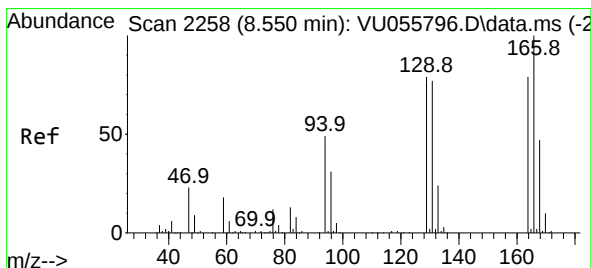
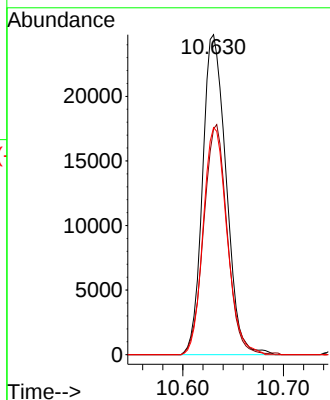
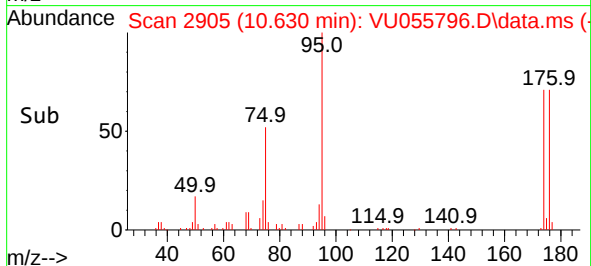
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



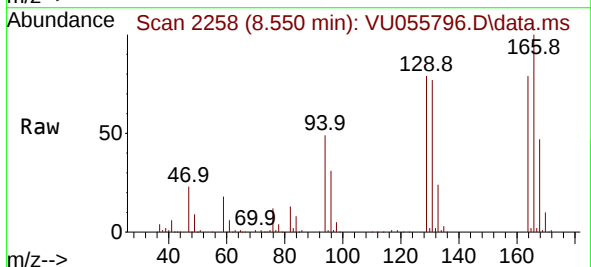
Tgt Ion: 95 Resp: 40350
Ion Ratio Lower Upper
95 100
174 71.5 63.3 94.9
176 72.0 59.3 88.9

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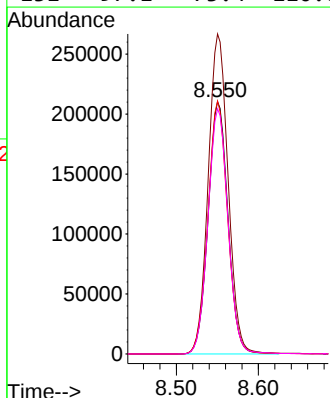
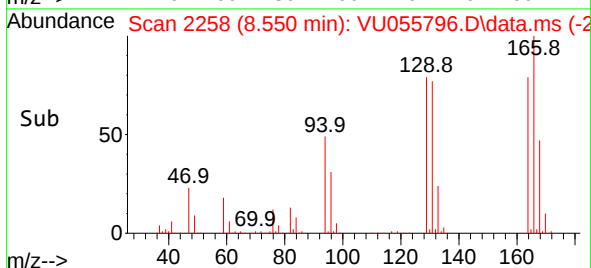
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#58
Tetrachloroethene
Concen: 10.422 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



Tgt Ion:164 Resp: 352731
Ion Ratio Lower Upper
164 100
166 126.8 99.6 149.4
129 100.3 78.6 117.8
131 97.1 73.4 110.0





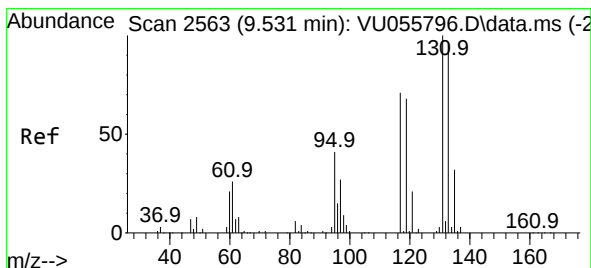
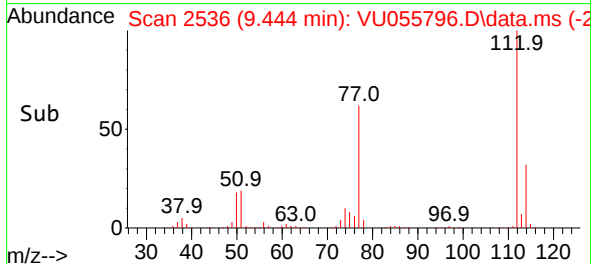
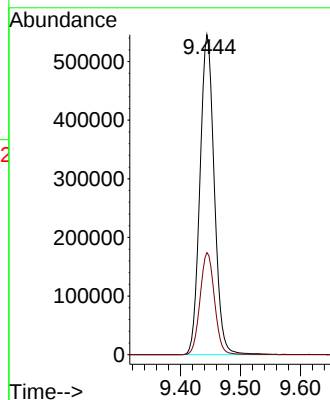
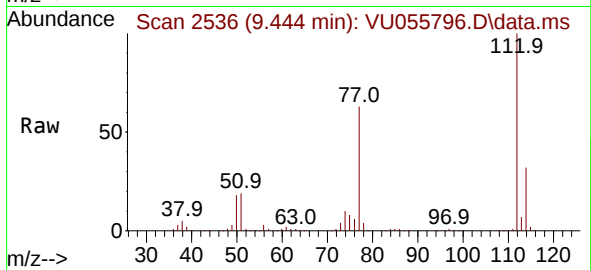
#59
Chlorobenzene
Concen: 11.117 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 909044
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

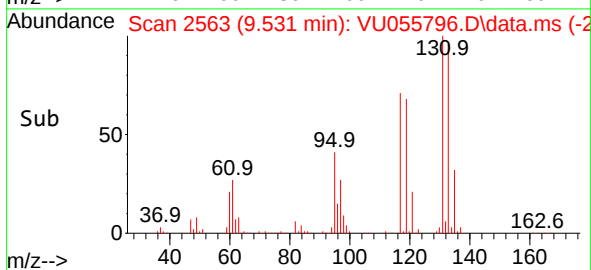
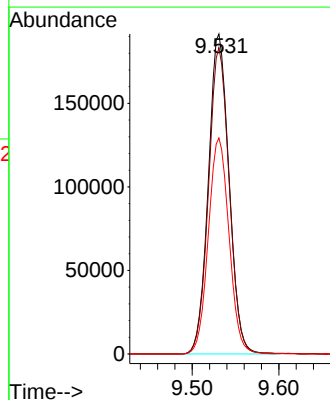
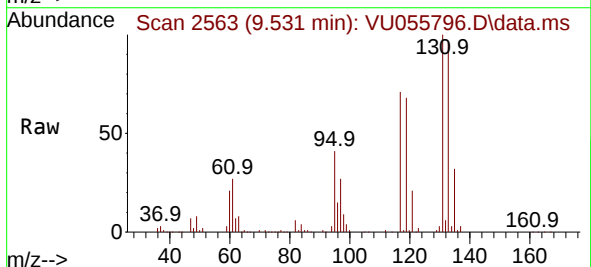
Manual Integrations
APPROVED

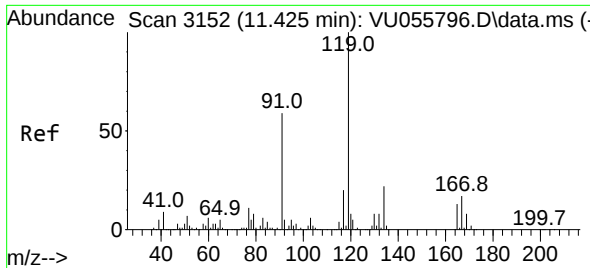
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.916 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion:131 Resp: 318122
Ion Ratio Lower Upper
131 100
133 95.8 77.8 116.6
119 67.5 55.2 82.8





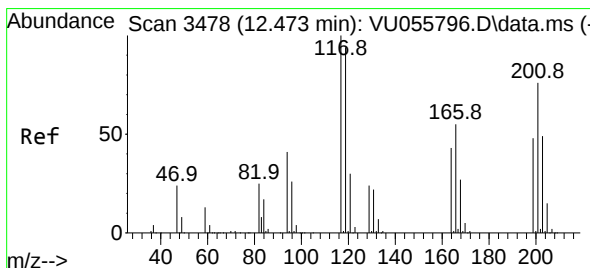
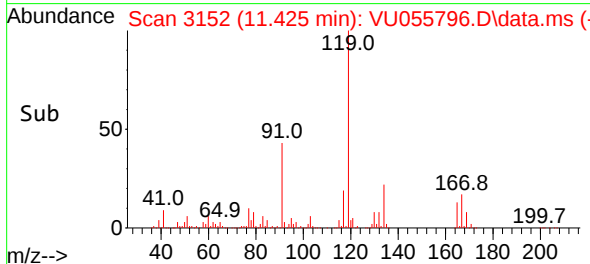
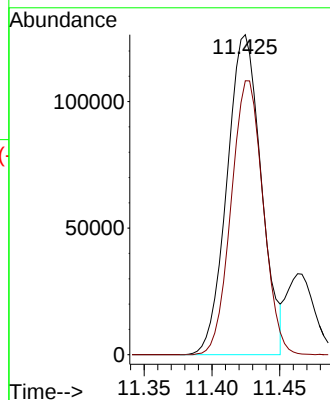
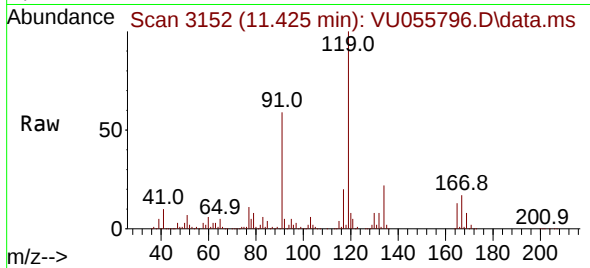
#61
Pentachloroethane
Concen: 11.265 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 222190
Ion Ratio Lower Upper
117 100
167 79.9 56.7 85.1

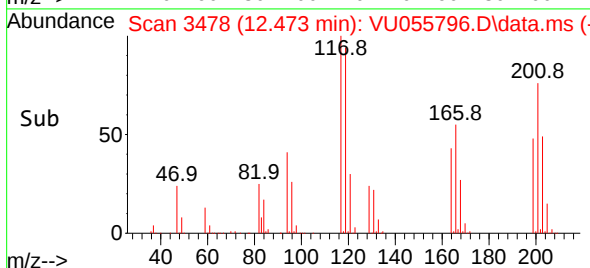
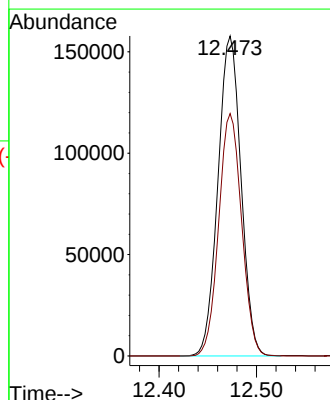
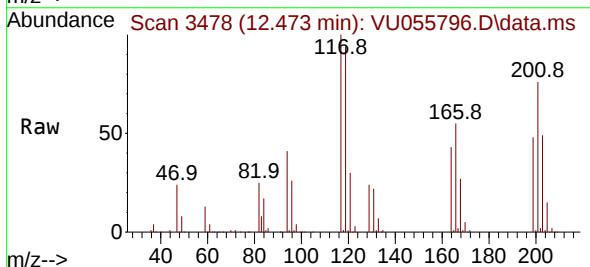
Manual Integrations
APPROVED

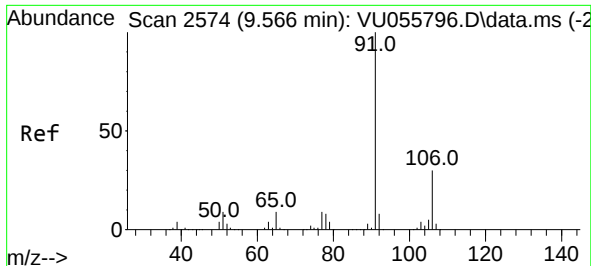
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#62
Hexachloroethane
Concen: 12.418 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion:117 Resp: 259302
Ion Ratio Lower Upper
117 100
201 75.3 59.6 89.4





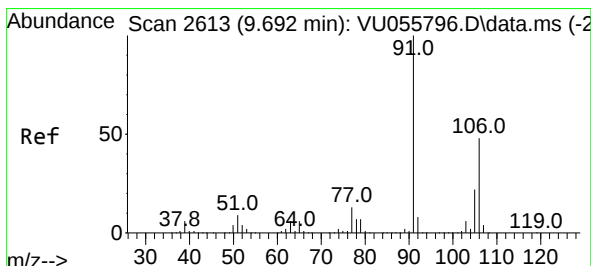
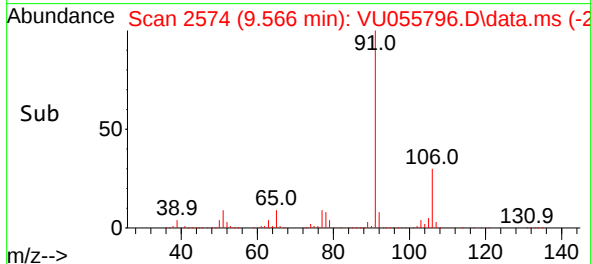
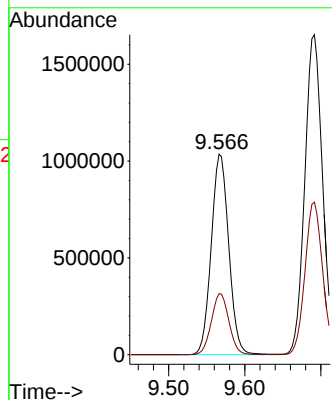
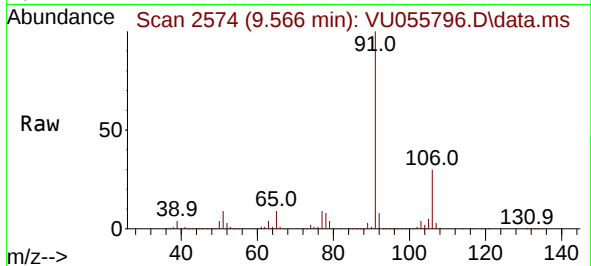
#63
Ethyl Benzene
Concen: 11.943 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 165730
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

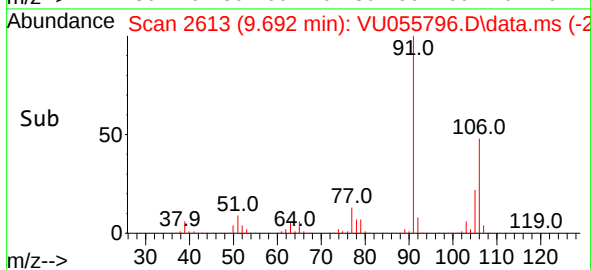
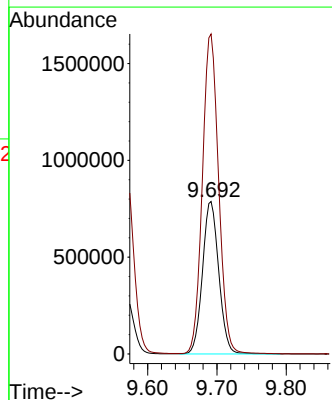
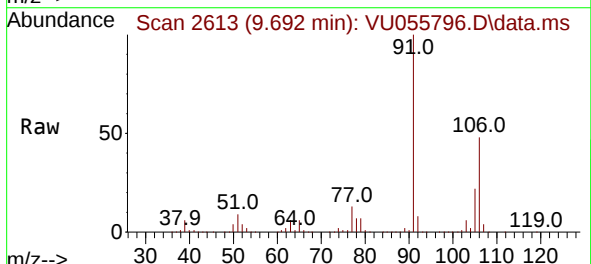
Manual Integrations
APPROVED

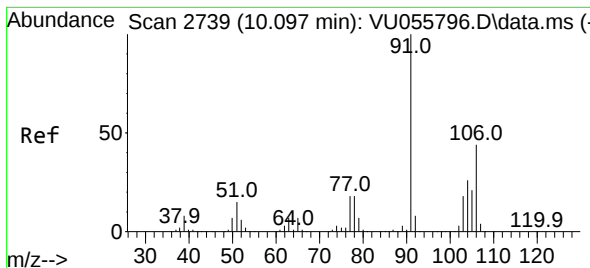
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#64
m/p-Xylenes
Concen: 23.998 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Tgt Ion:106 Resp: 1280133
Ion Ratio Lower Upper
106 100
91 210.9 167.3 250.9





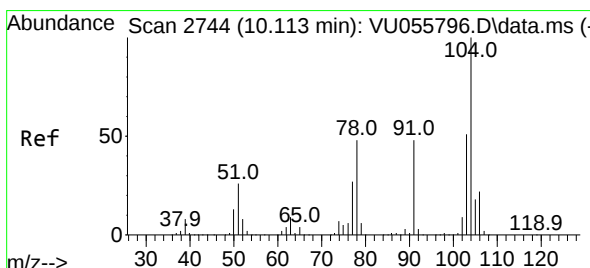
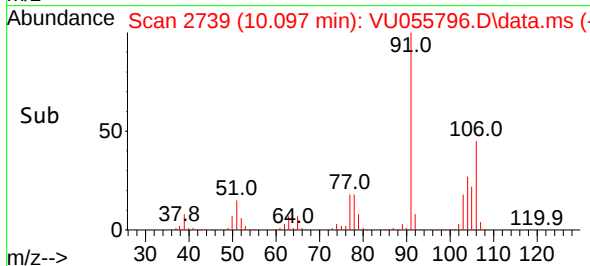
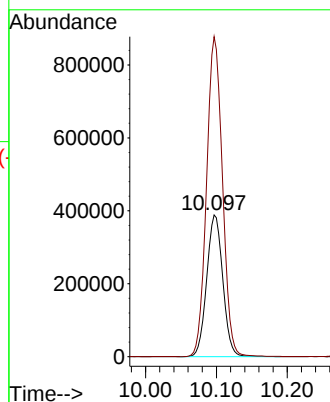
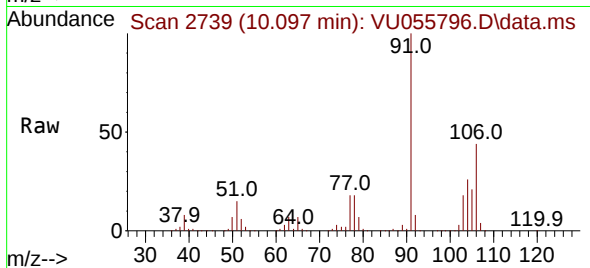
#65
o-Xylene
Concen: 11.700 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 612434
Ion Ratio Lower Upper
106 100
91 223.5 109.3 327.9

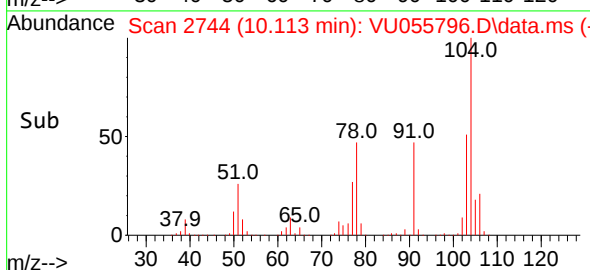
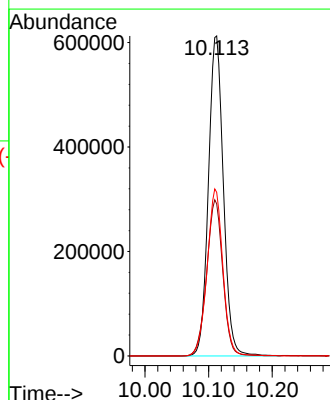
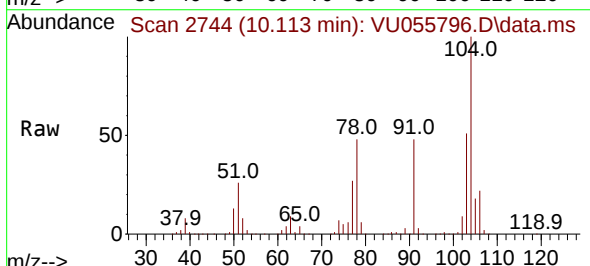
Manual Integrations
APPROVED

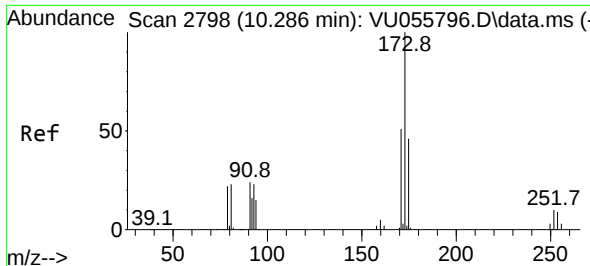
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
Styrene
Concen: 12.239 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

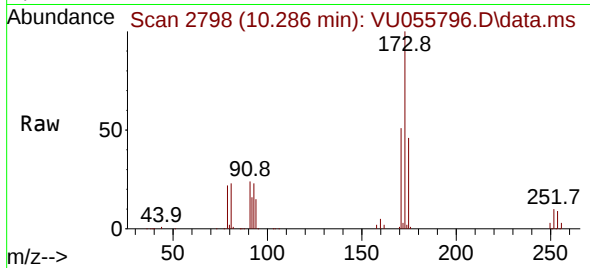
Tgt Ion:104 Resp: 1001871
Ion Ratio Lower Upper
104 100
78 52.5 39.7 59.5
103 54.9 44.8 67.2





#67
Bromoform
Concen: 11.161 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

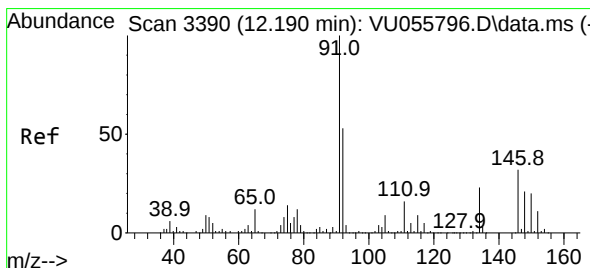
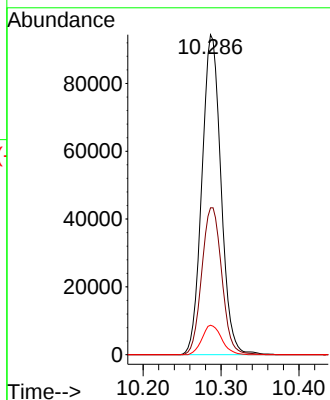
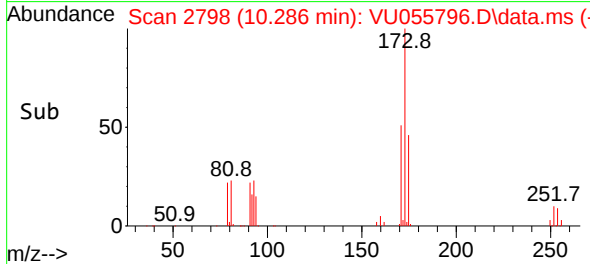
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



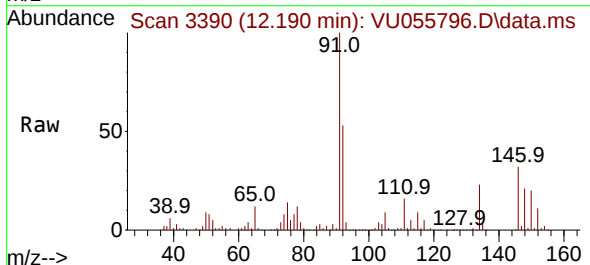
Tgt Ion:173 Resp: 16047
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 9.5 7.4 11.0

Manual Integrations
APPROVED

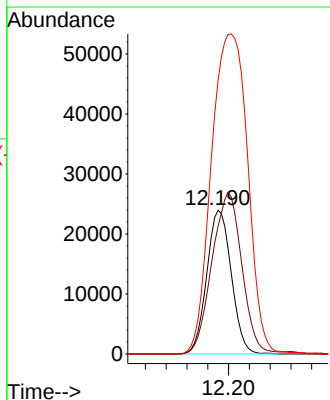
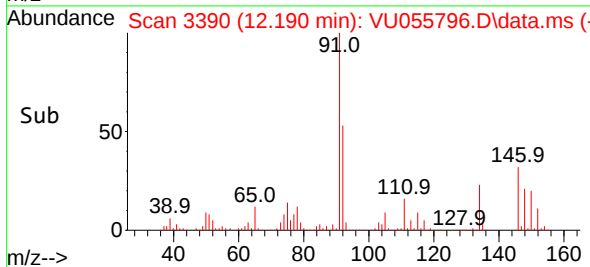
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

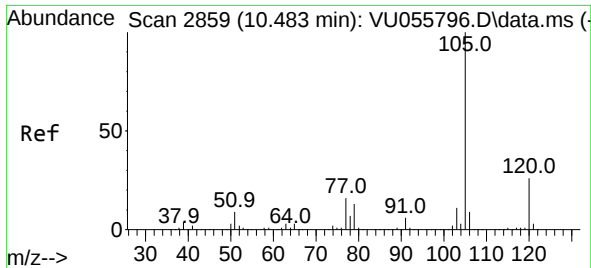


#68
1,2-Dichlorobenzene-d4
Concen: 1.042 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



Tgt Ion:152 Resp: 39276
Ion Ratio Lower Upper
152 100
115 136.6 0.0 308.8
150 329.2 0.0 635.0





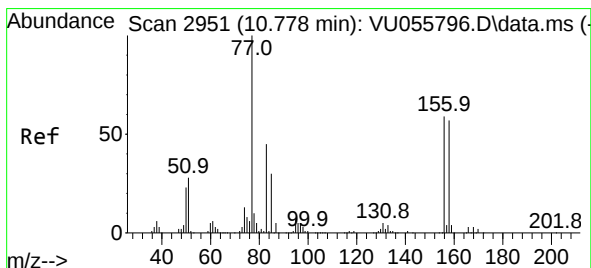
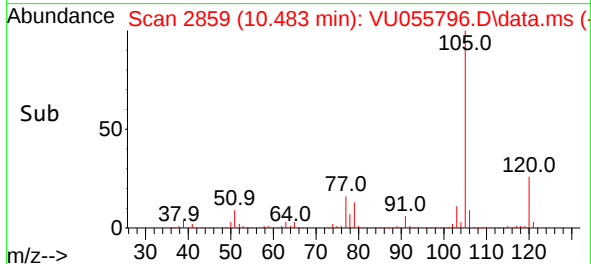
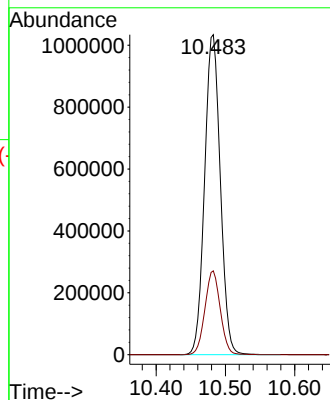
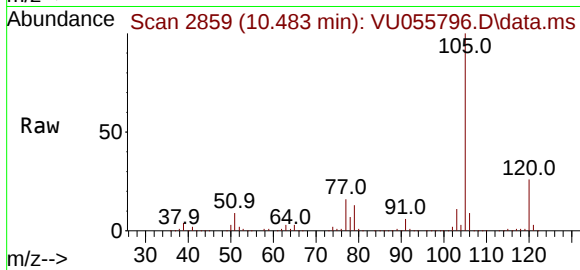
#69
Isopropylbenzene
Concen: 12.051 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 162393
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

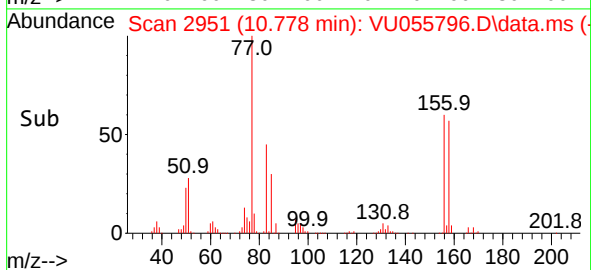
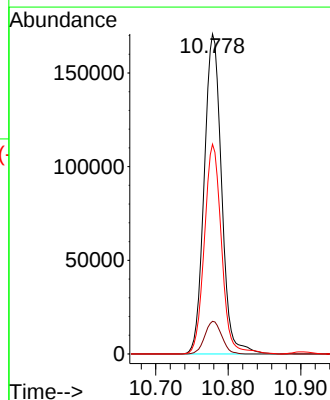
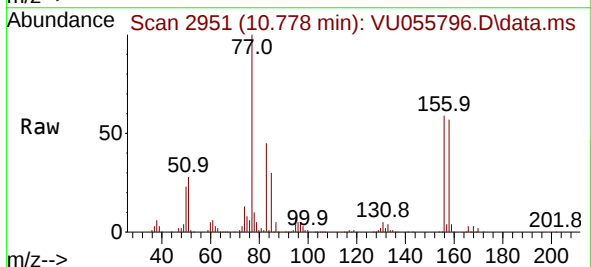
Manual Integrations
APPROVED

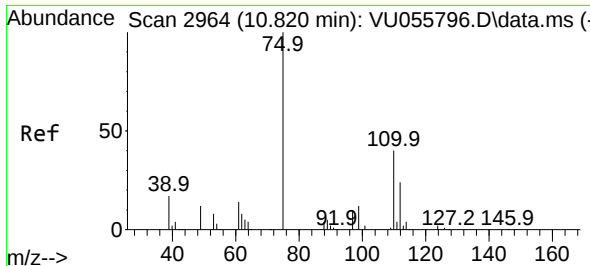
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.934 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

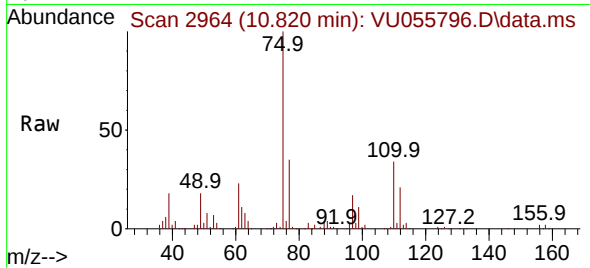
Tgt Ion: 83 Resp: 283562
Ion Ratio Lower Upper
83 100
131 10.0 7.2 10.8
85 64.9 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 11.207 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

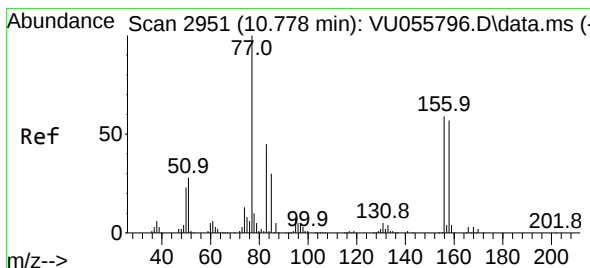
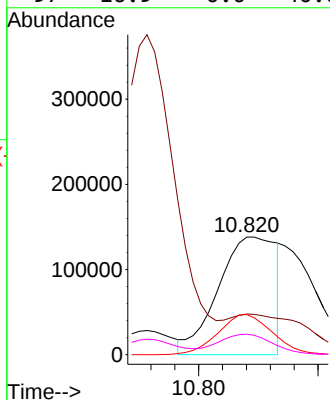
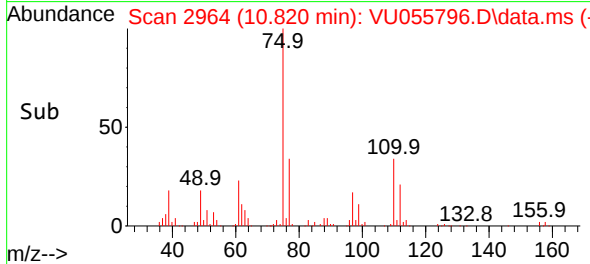
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 75 Resp: 233568
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 32.2 0.0 74.6
97 16.9 0.0 40.0

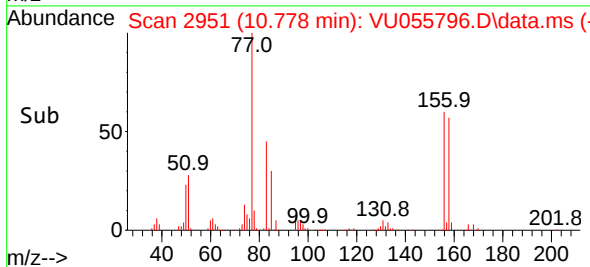
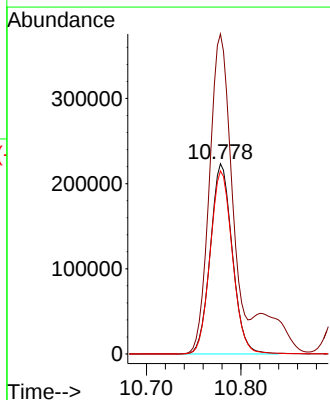
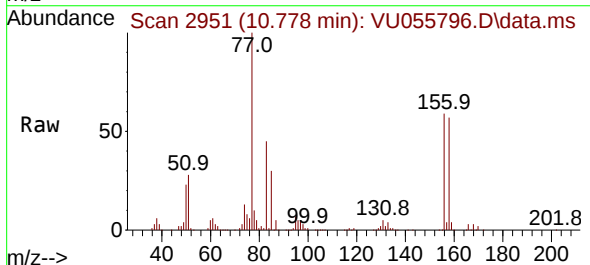
Manual Integrations
APPROVED

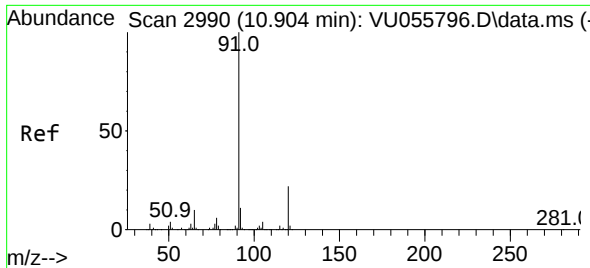
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#72
Bromobenzene
Concen: 11.222 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

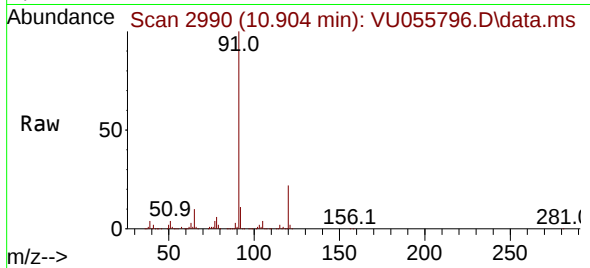
Tgt Ion:156 Resp: 360855
Ion Ratio Lower Upper
156 100
77 170.0 0.0 343.0
158 97.4 0.0 194.8





#73
n-propylbenzene
Concen: 12.867 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

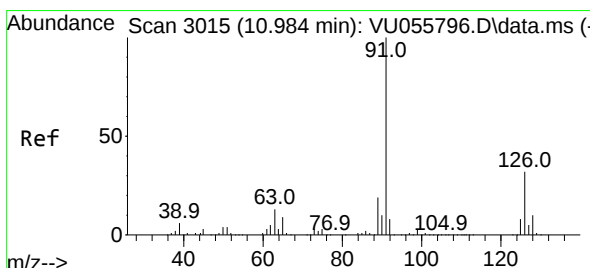
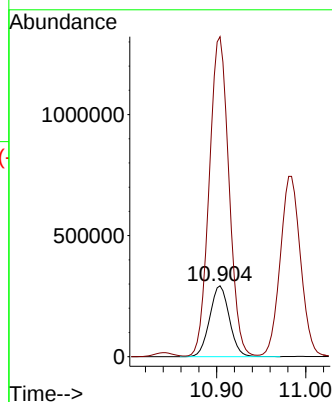
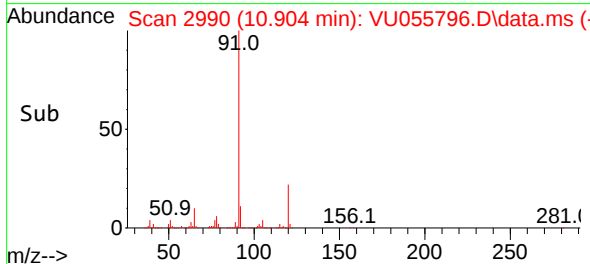
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



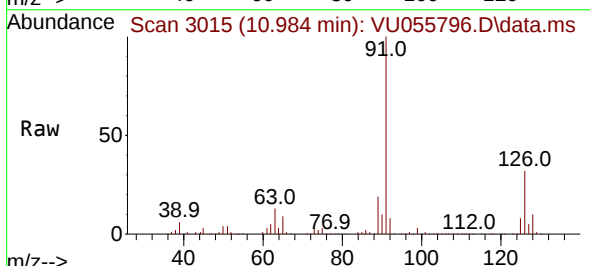
Tgt Ion:120 Resp: 446692
Ion Ratio Lower Upper
120 100
91 452.7 369.8 554.6

Manual Integrations
APPROVED

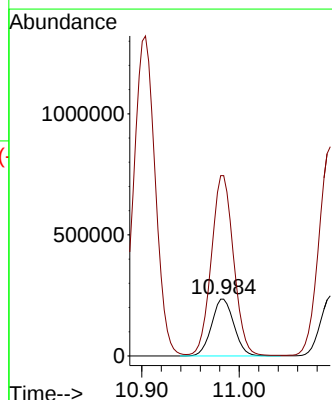
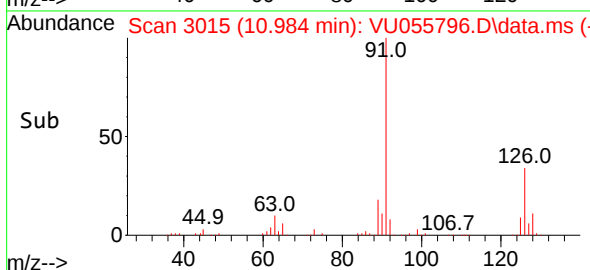
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

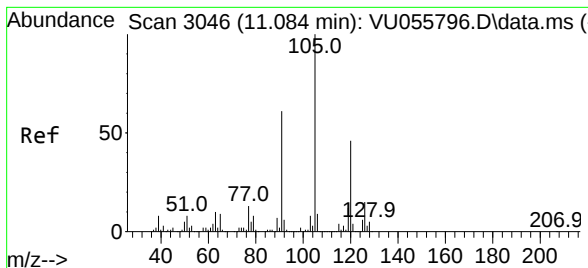


#74
2-Chlorotoluene
Concen: 11.566 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



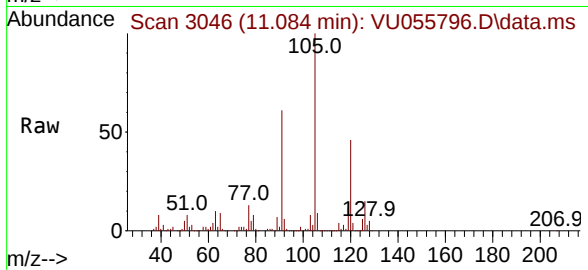
Tgt Ion:126 Resp: 373625
Ion Ratio Lower Upper
126 100
91 314.7 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 12.517 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

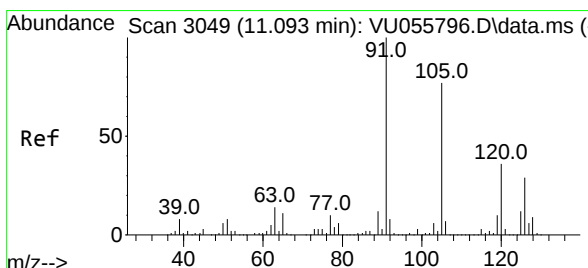
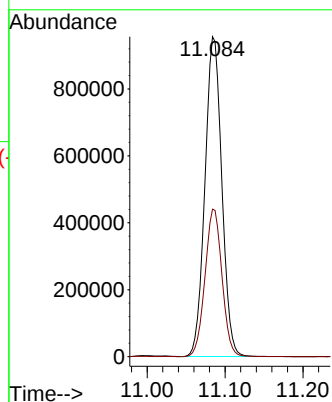
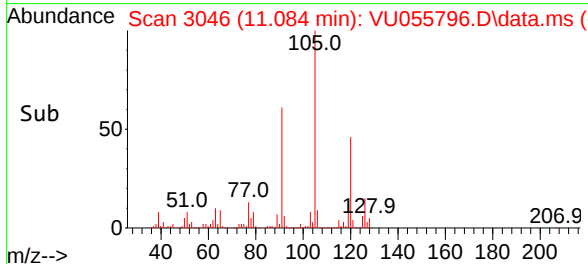
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:105 Resp: 1441899
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8

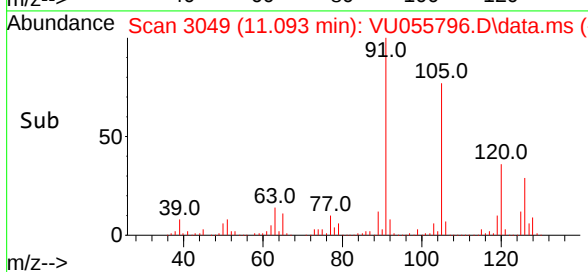
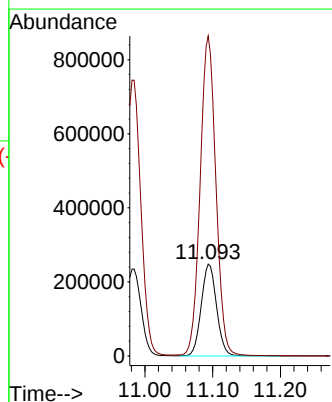
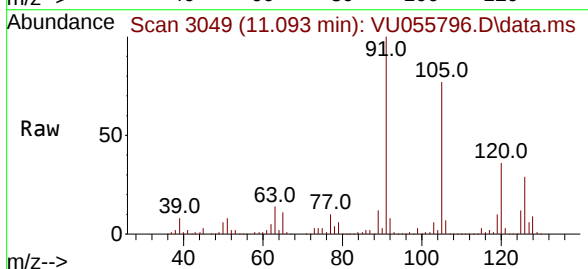
Manual Integrations
APPROVED

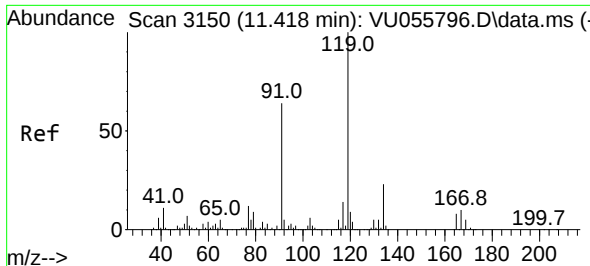
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#76
4-Chlorotoluene
Concen: 11.814 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

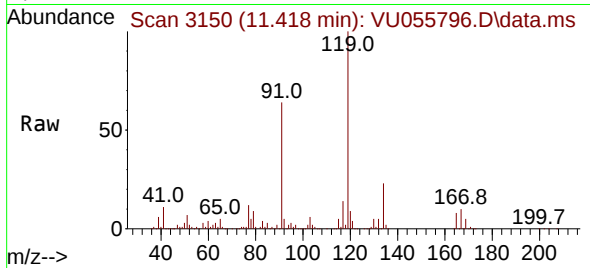
Tgt Ion:126 Resp: 388945
Ion Ratio Lower Upper
126 100
91 358.0 0.0 686.2





#77
tert-Butylbenzene
Concen: 12.480 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

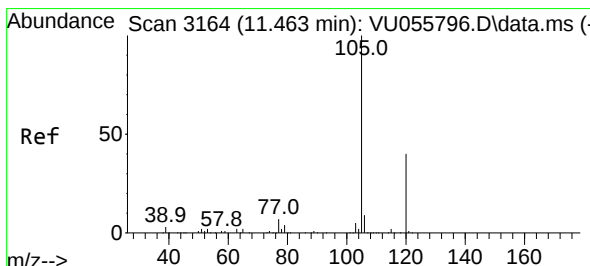
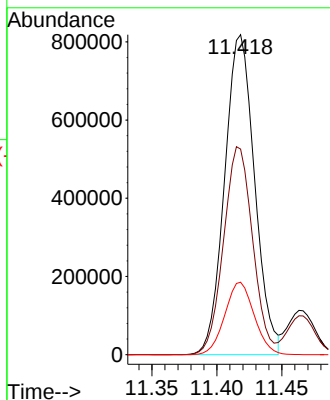
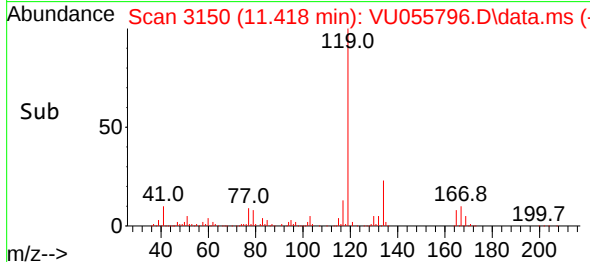
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 131787
Ion Ratio Lower Upper
119 100
91 62.8 30.8 92.4
134 22.2 18.0 27.0

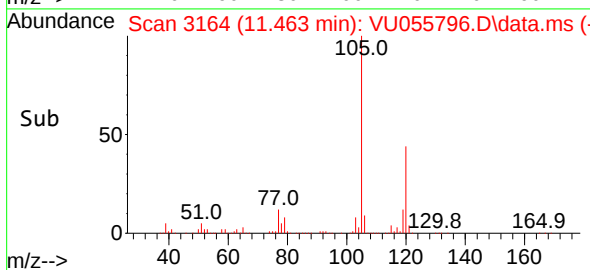
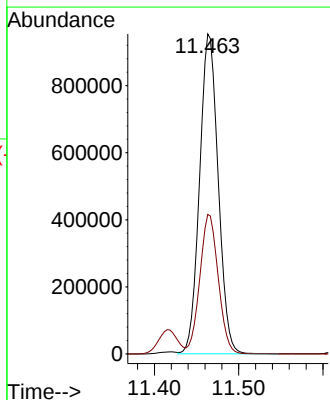
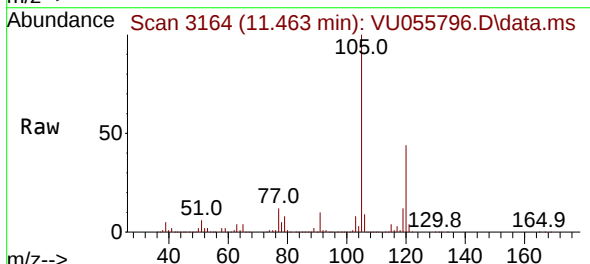
Manual Integrations
APPROVED

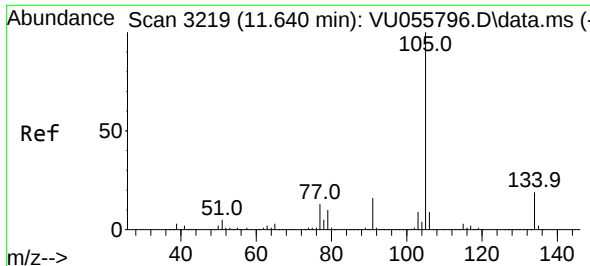
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#78
1,2,4-Trimethylbenzene
Concen: 12.851 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

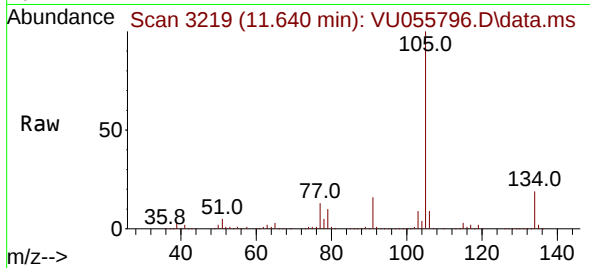
Tgt Ion:105 Resp: 1465909
Ion Ratio Lower Upper
105 100
120 43.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 13.180 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055796.D
 Acq: 18 Oct 2023 11:32

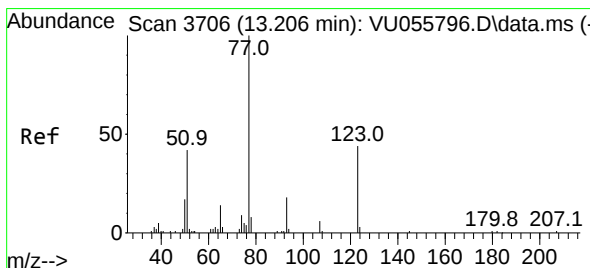
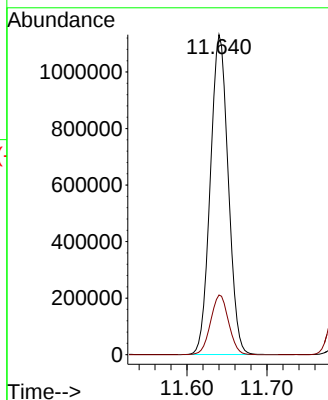
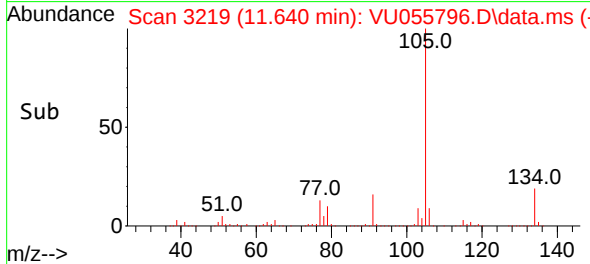
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



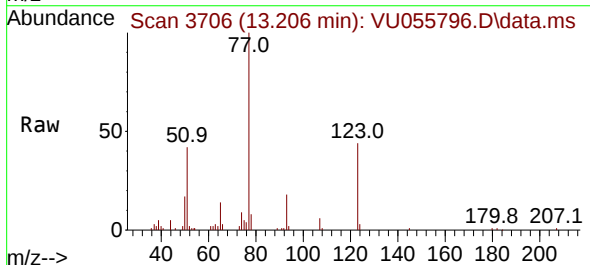
Tgt Ion:105 Resp: 1756784
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

Manual Integrations
 APPROVED

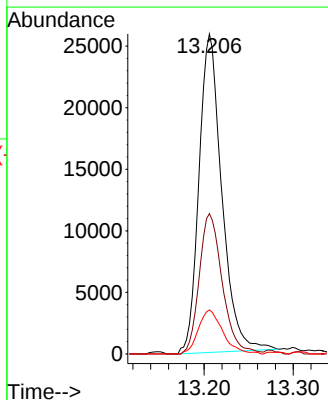
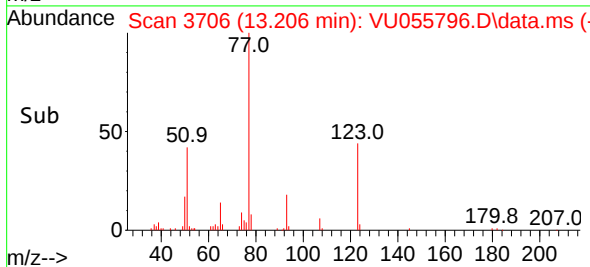
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023

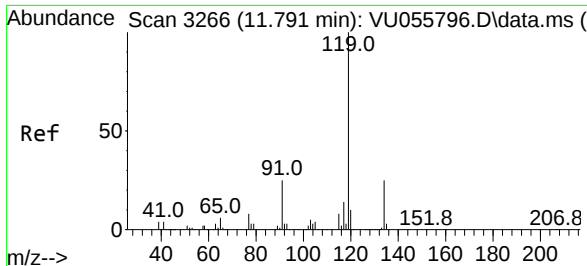


#80
 Nitrobenzene
 Concen: 64.256 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU055796.D
 Acq: 18 Oct 2023 11:32



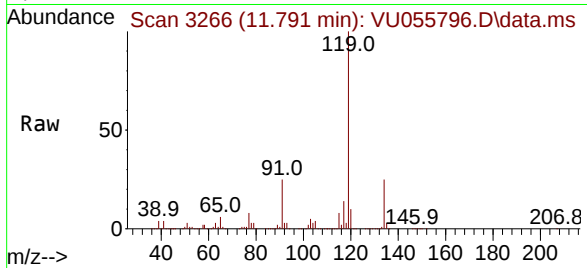
Tgt Ion: 77 Resp: 46089
 Ion Ratio Lower Upper
 77 100
 123 43.4 19.7 69.7
 65 14.8 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 13.584 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

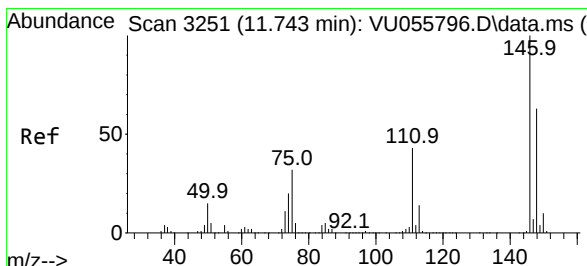
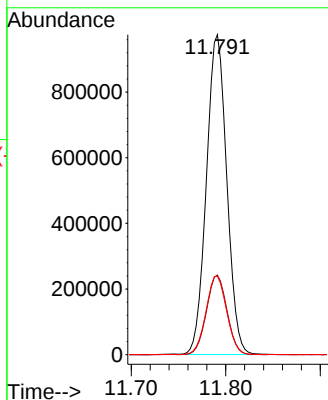
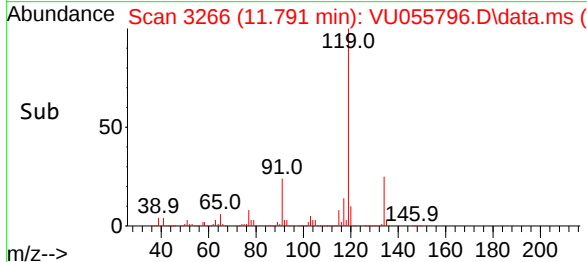
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



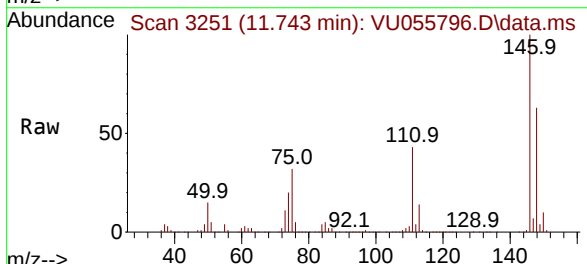
Tgt Ion:119 Resp: 145819
Ion Ratio Lower Upper
119 100
134 25.0 20.2 30.4
91 24.9 19.3 28.9

Manual Integrations
APPROVED

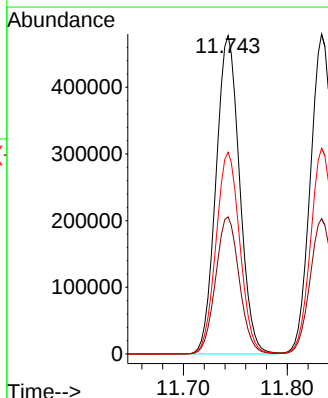
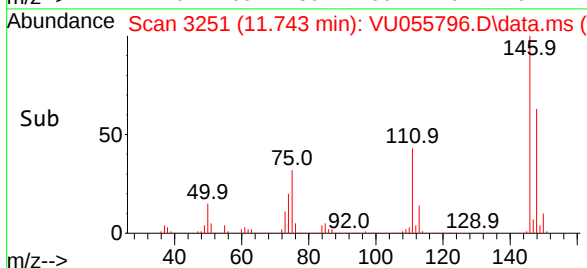
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

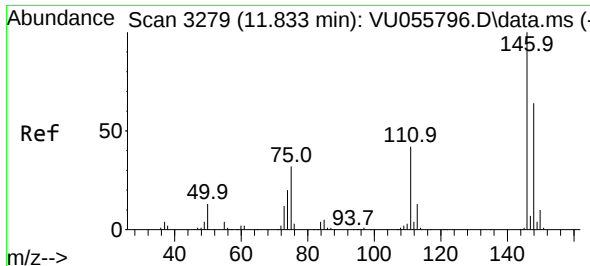


#82
1,3-Dichlorobenzene
Concen: 11.480 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



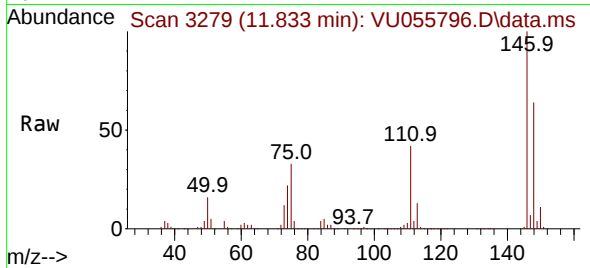
Tgt Ion:146 Resp: 753473
Ion Ratio Lower Upper
146 100
111 43.2 32.6 49.0
148 64.0 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 11.634 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32

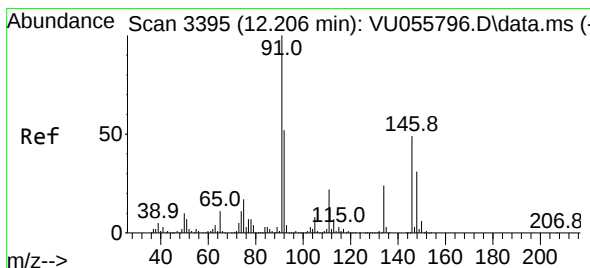
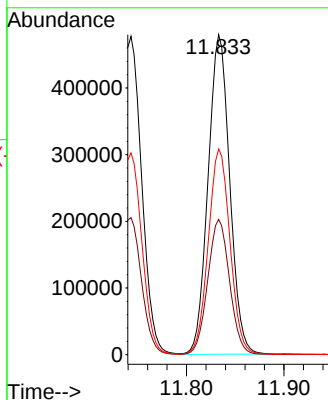
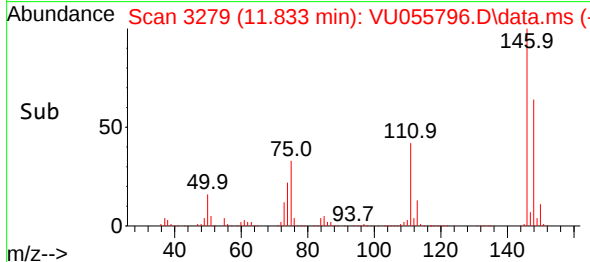
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



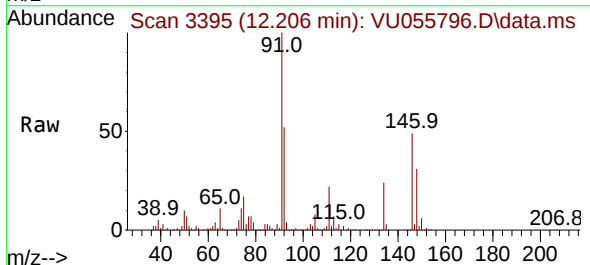
Tgt Ion:146 Resp: 738998
Ion Ratio Lower Upper
146 100
111 42.6 31.6 47.4
148 64.7 50.3 75.5

Manual Integrations
APPROVED

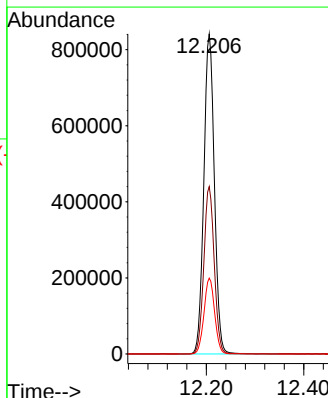
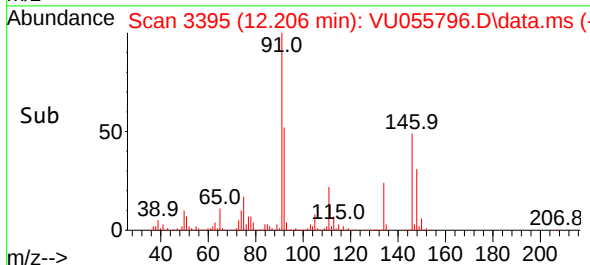
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

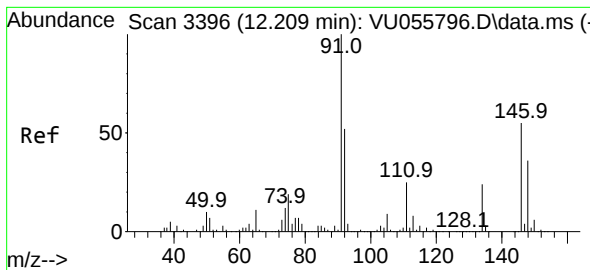


#84
n-Butylbenzene
Concen: 13.792 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU055796.D
Acq: 18 Oct 2023 11:32



Tgt Ion: 91 Resp: 1262218
Ion Ratio Lower Upper
91 100
92 51.9 40.8 61.2
134 23.9 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 11.534 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 691819

Ion Ratio Lower Upper

146 100

111 44.9 21.6 64.6

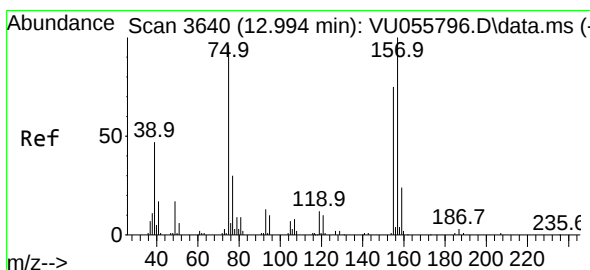
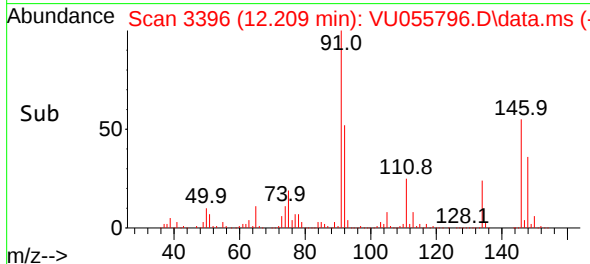
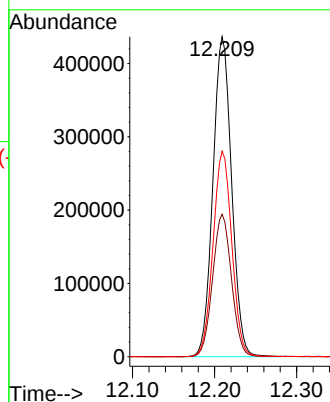
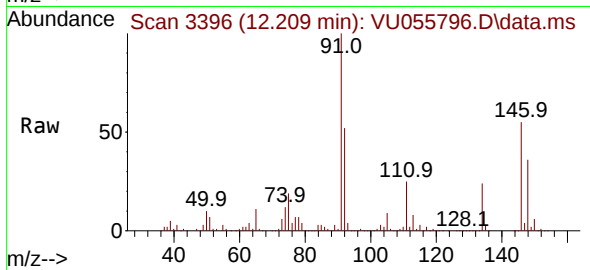
148 64.6 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 12.667 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

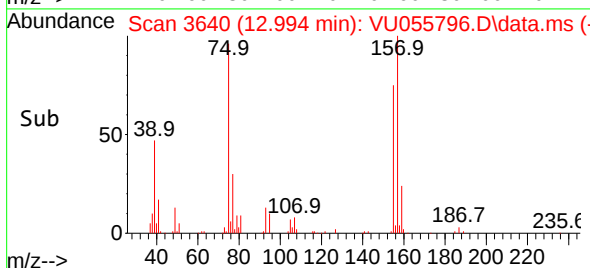
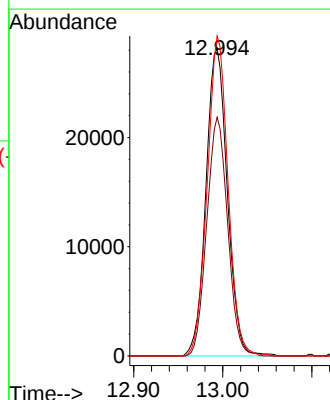
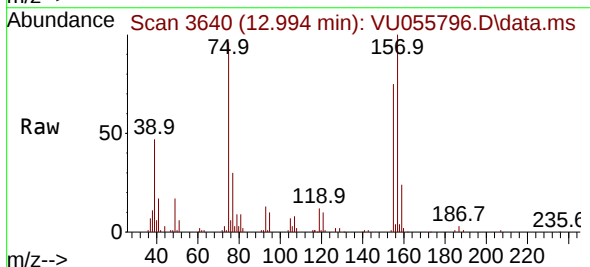
Tgt Ion: 75 Resp: 46896

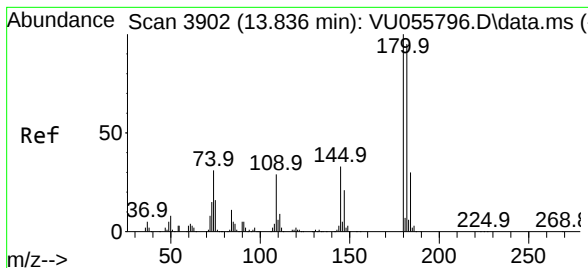
Ion Ratio Lower Upper

75 100

155 75.9 61.8 92.8

157 101.1 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 13.171 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

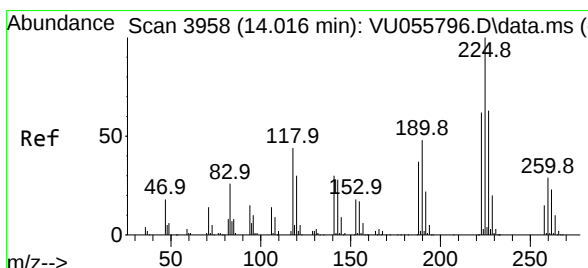
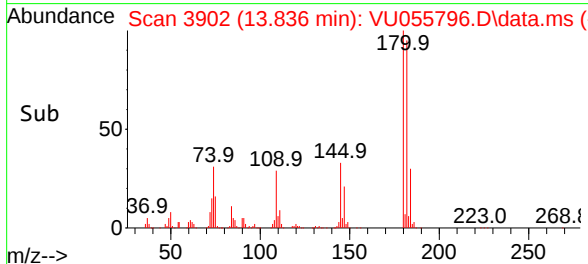
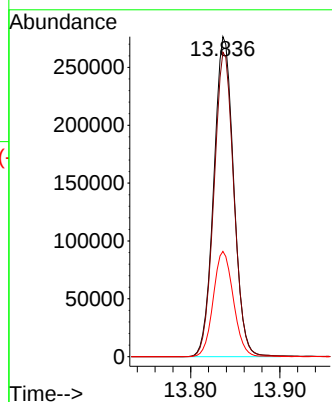
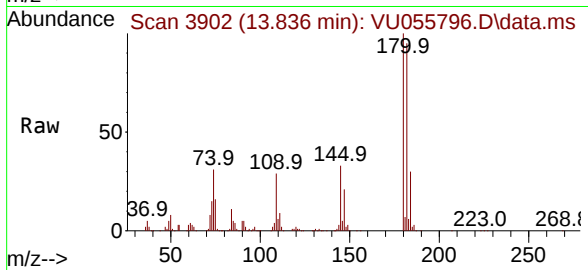
Tgt Ion:	180	Resp:	428724
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	33.3	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#88

Hexachlorobutadiene

Concen: 12.394 ug/l

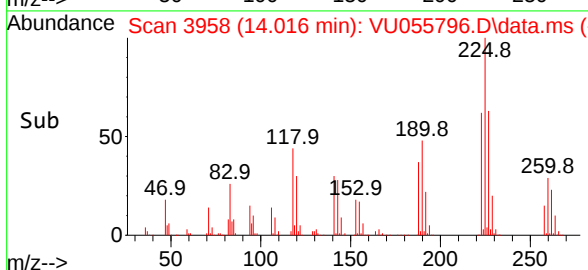
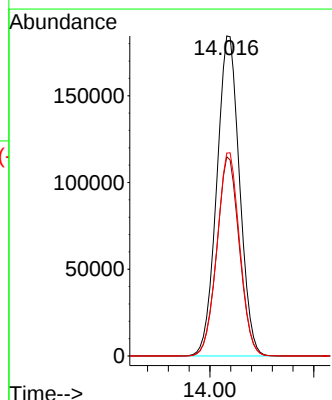
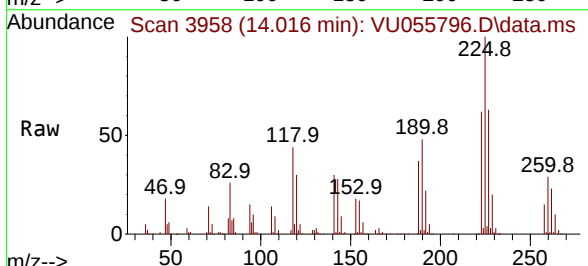
RT: 14.016 min Scan# 3958

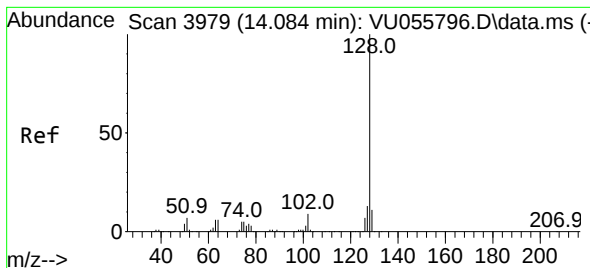
Delta R.T. 0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Tgt Ion:	225	Resp:	280502
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.2	75.4
227	63.3	51.5	77.3





#89

Naphthalene

Concen: 13.019 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

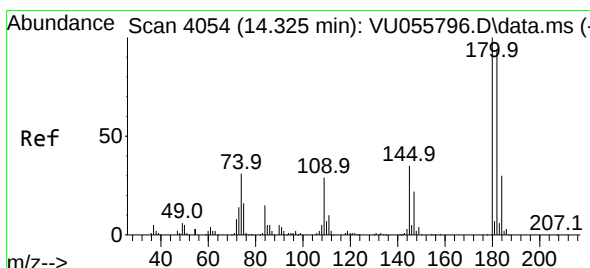
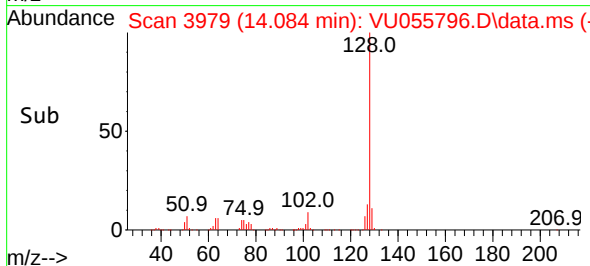
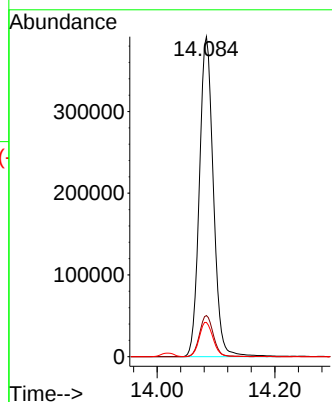
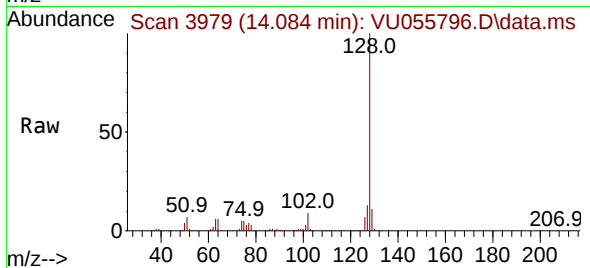
Tgt Ion:	128	Resp:	64554
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.9	16.3
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#90

1,2,3-Trichlorobenzene

Concen: 13.156 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055796.D

Acq: 18 Oct 2023 11:32

Tgt Ion:	180	Resp:	367478
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.7	113.5
145	35.2	26.1	39.1

