

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057784.D
 Acq On : 02 Feb 2024 09:20
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 03 05:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	43878	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	20999	1.264	ug/l	0.00
Spiked Amount 1.000			Recovery	=	126.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14413	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	144025	9.858	ug/l	100
3) Chloromethane	1.518	50	136208	9.716	ug/l	100
4) Vinyl Chloride	1.602	62	145248	10.161	ug/l	99
5) Bromomethane	1.856	94	85326	10.058	ug/l	100
6) Chloroethane	1.933	64	92715	10.267	ug/l	100
7) Trichlorofluoromethane	2.132	101	217061	9.916	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	112752	10.019	ug/l	97
9) 1,1-Dichloroethene	2.576	96	108486	9.948	ug/l	99
10) Iodomethane	2.718	142	140441	10.859	ug/l	96
11) Allyl Chloride	2.917	41	155630	10.522	ug/l	88
12) Acrylonitrile	3.322	53	42389	22.777	ug/l	97
13) Acetone	2.650	43	200632	59.567	ug/l	93
14) Carbon Disulfide	2.788	76	354993	10.170	ug/l	99
15) Methylene Chloride	3.039	84	122276	9.388	ug/l	100
16) trans-1,2-Dichloroethene	3.348	96	122222	10.265	ug/l	97
17) 1,1-Dichloroethane	3.862	63	234610	10.438	ug/l	99
18) 2-Butanone	4.711	43	215028	59.232	ug/l	97
19) Cyclohexane	5.380	56	176581	10.025	ug/l	87
20) Methylcyclohexane	6.756	83	220076	10.339	ug/l	97
21) 2,2-Dichloropropane	4.656	77	209703	10.507	ug/l	97
22) cis-1,2-Dichloroethene	4.660	96	132000	10.123	ug/l	95
23) Diethyl Ether	2.370	59	80803	10.266	ug/l	100
24) tert-Butyl Alcohol	3.345	59	93255m	104.236	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	262777	10.269	ug/l	95
26) Bromochloromethane	4.968	128	52011	9.929	ug/l	97
27) Chloroform	5.081	83	240355	10.286	ug/l	97
28) 1,1,1-Trichloroethane	5.309	97	215818	10.228	ug/l	100
29) 1,1-Dichloropropene	5.521	75	178199	10.439	ug/l	97
30) Carbon Tetrachloride	5.518	117	186851	10.278	ug/l	99
31) Isopropyl Ether	3.981	45	346354	10.531	ug/l	95
32) Ethyl-t-butyl ether	4.492	59	318409	10.426	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	261809	10.183	ug/l	97
34) Propionitrile	4.798	54	40710	54.107	ug/l	# 11
35) Benzene	5.769	78	502814	10.230	ug/l	99
36) 1,2-Dichloroethane	5.788	62	146807	10.250	ug/l	97
37) Trichloroethene	6.537	130	132036	10.116	ug/l	99
38) 1,2-Dichloropropane	6.785	63	131254	10.299	ug/l	100
39) Methacrylonitrile	4.971	41	33233	11.082	ug/l	98
40) Methyl acrylate	4.843	55	49091	8.173	ug/l	# 96
41) Tetrahydrofuran	5.058	42	31448	19.641	ug/l	96
42) 1-Chlorobutane	5.451	56	238717	10.606	ug/l	96
43) Dibromomethane	6.914	93	60837	10.380	ug/l	97
44) Bromodichloromethane	7.100	83	170101	10.366	ug/l	99

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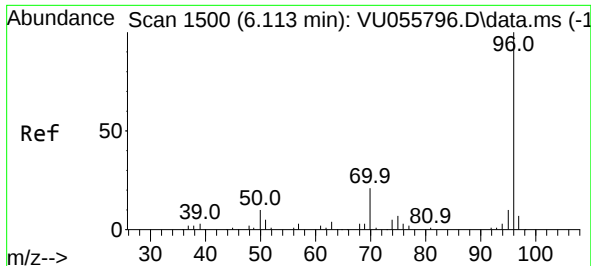
Manual Integrations
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Quant Time: Feb 03 05:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	331523	53.076	ug/l	98
46) t-1,4-Dichloro-2-butene	10.836	75	34063m	20.144	ug/l	
47) Methyl methacrylate	6.955	69	110193	21.284	ug/l	94
48) Ethyl methacrylate	8.328	69	106969	10.308	ug/l	94
49) Toluene	7.965	92	311826	10.386	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	152603	10.772	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	189782	10.576	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	82274	10.188	ug/l	99
53) 1,3-Dichloropropane	8.569	76	148449	10.227	ug/l	99
54) 2-Hexanone	8.682	43	325756	56.654	ug/l	98
55) Dibromochloromethane	8.804	129	102750	10.279	ug/l	98
56) 1,2-Dibromoethane	8.920	107	77730	10.458	ug/l	99
58) Tetrachloroethene	8.550	164	113246	9.833	ug/l	94
59) Chlorobenzene	9.441	112	338060	10.184	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	116185	10.310	ug/l	97
61) Pentachloroethane	11.421	117	90373	11.031	ug/l	90
62) Hexachloroethane	12.470	117	96656	8.987	ug/l	97
63) Ethyl Benzene	9.566	91	614882	10.415	ug/l	99
64) m/p-Xylenes	9.688	106	452587	21.108	ug/l	96
65) o-Xylene	10.097	106	221262	10.425	ug/l	95
66) Styrene	10.110	104	342955	10.826	ug/l	96
67) Bromoform	10.286	173	53714	10.440	ug/l	99
69) Isopropylbenzene	10.479	105	590261	10.608	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	101636	10.042	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	77199m	9.238	ug/l	
72) Bromobenzene	10.778	156	124094	10.135	ug/l	96
73) n-propylbenzene	10.901	120	149444	10.689	ug/l	99
74) 2-Chlorotoluene	10.981	126	135232	10.427	ug/l	96
75) 1,3,5-Trimethylbenzene	11.084	105	498550	10.431	ug/l	99
76) 4-Chlorotoluene	11.093	126	138181	10.601	ug/l	95
77) tert-Butylbenzene	11.415	119	460172	10.260	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	505297	10.424	ug/l	99
79) sec-Butylbenzene	11.637	105	578406	10.090	ug/l	99
80) Nitrobenzene	13.206	77	11363	44.733	ug/l #	92
81) p-Isopropyltoluene	11.788	119	497617	10.296	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	249821	10.092	ug/l	97
83) 1,4-Dichlorobenzene	11.830	146	247049	10.223	ug/l	98
84) n-Butylbenzene	12.203	91	493888	10.685	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	229516	10.219	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	15925	9.641	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	143018	10.657	ug/l	98
88) Hexachlorobutadiene	14.016	225	86065	9.995	ug/l	100
89) Naphthalene	14.084	128	202079	9.754	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	111674	10.002	ug/l	99

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



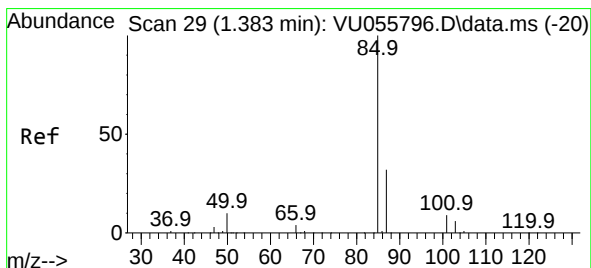
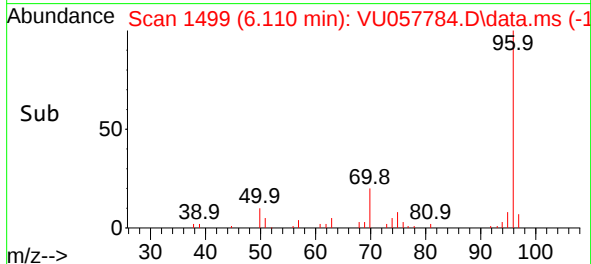
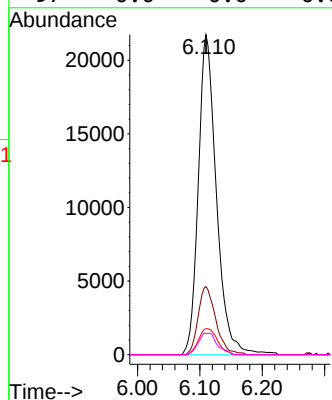
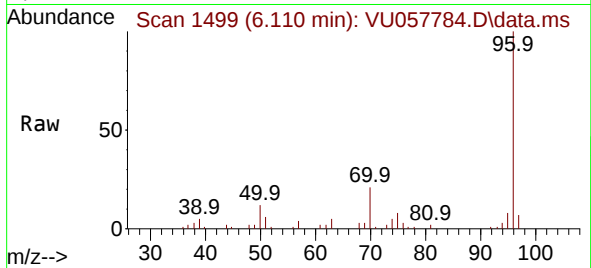
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 43878
Ion Ratio Lower Upper
96 100
70 20.8 16.5 24.7
95 8.5 7.4 11.0
97 0.0 0.0 0.0

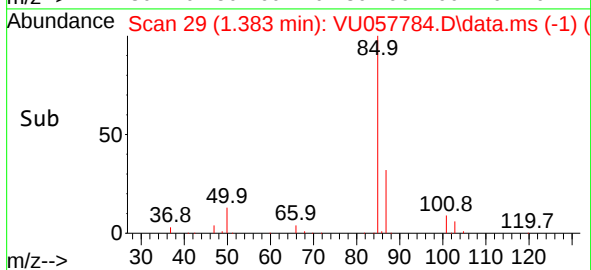
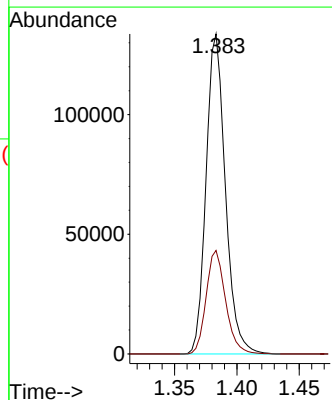
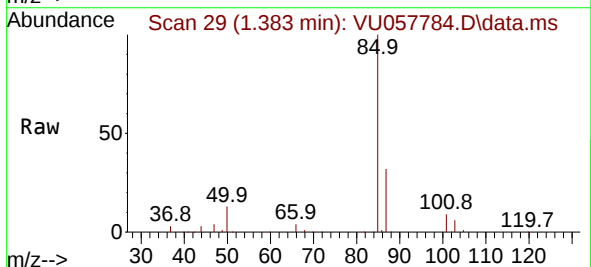
Manual Integrations
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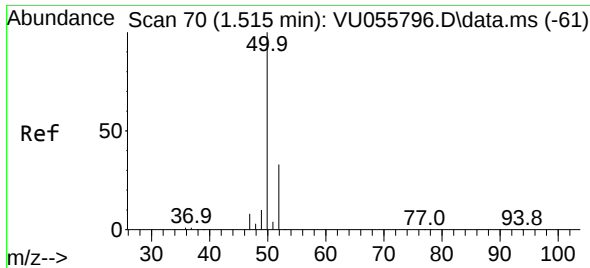
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 9.858 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

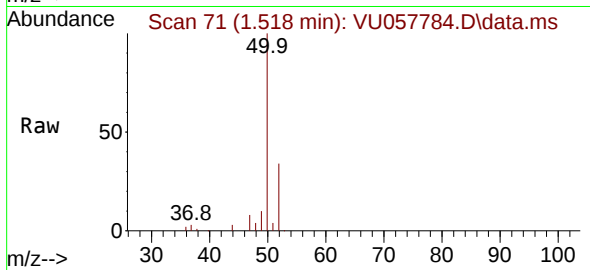
Tgt Ion: 85 Resp: 144025
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





#3
Chloromethane
Concen: 9.716 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

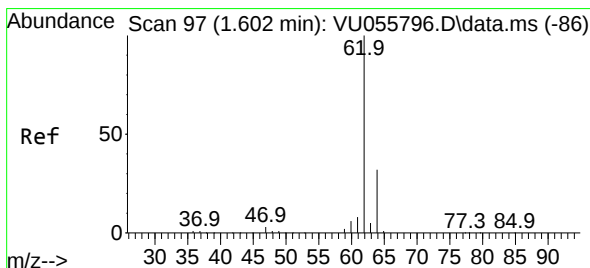
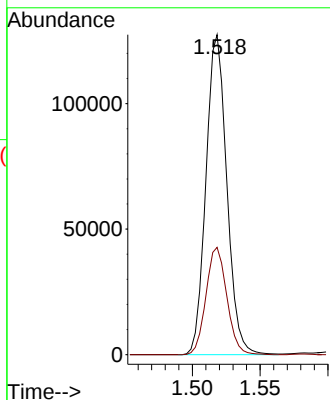
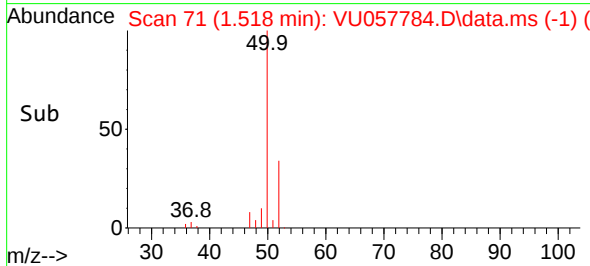
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 136208
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

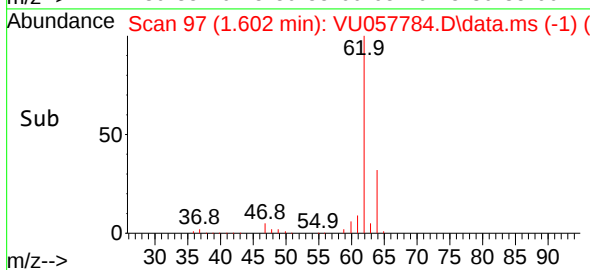
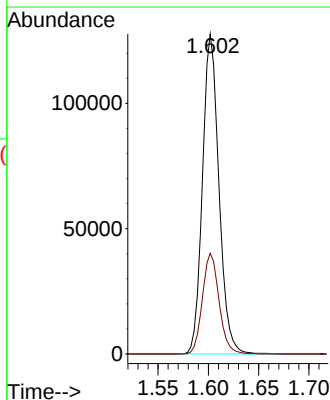
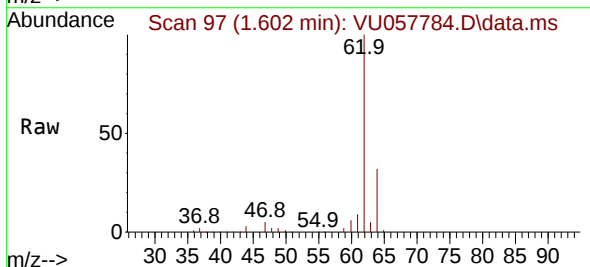
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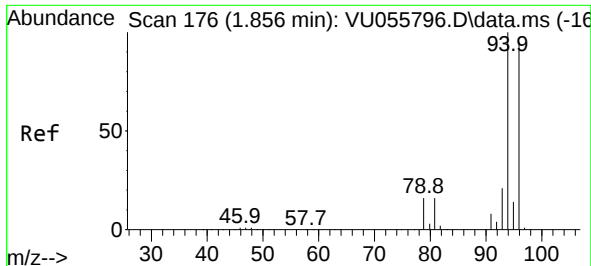
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 10.161 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

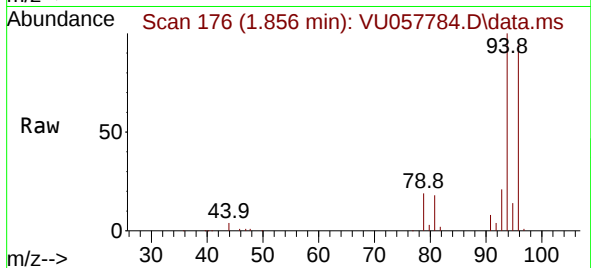
Tgt Ion: 62 Resp: 145248
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2





#5
Bromomethane
Concen: 10.058 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

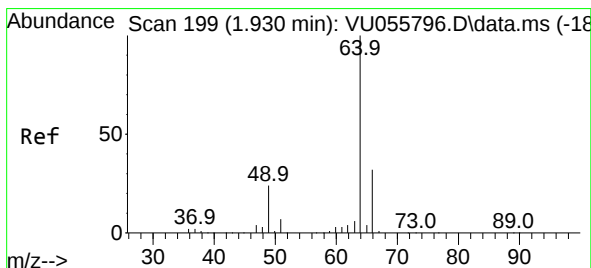
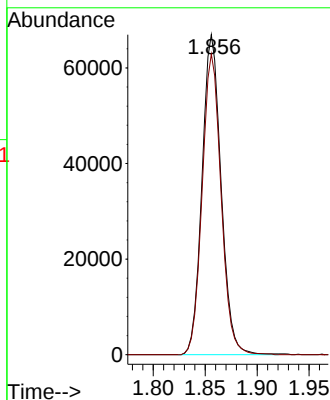
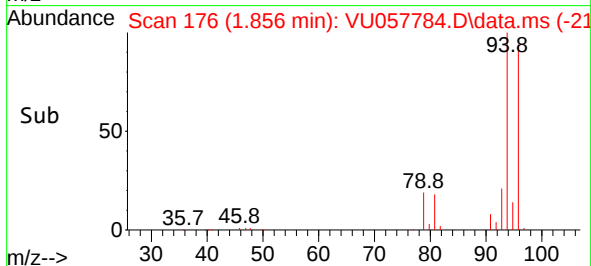
Instrument :
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ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 85320
Ion Ratio Lower Upper
94 100
96 94.0 75.4 113.2

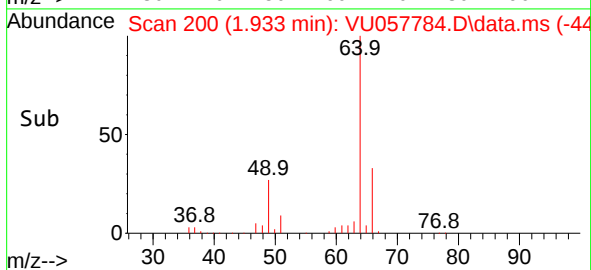
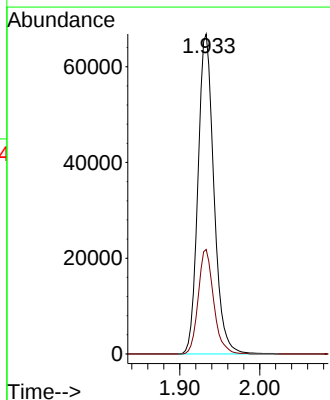
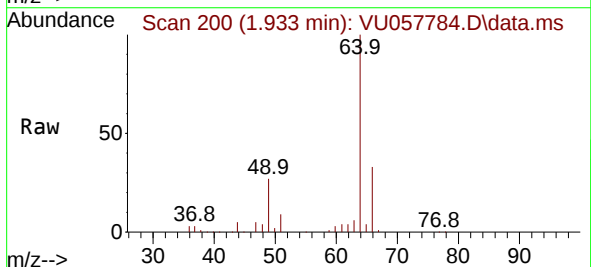
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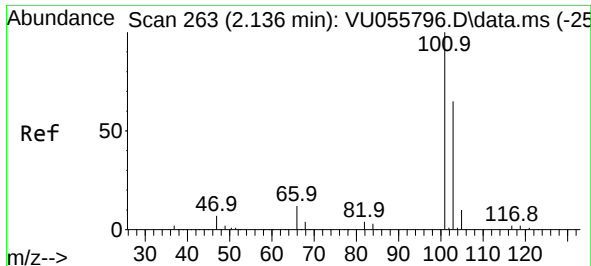
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 10.267 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

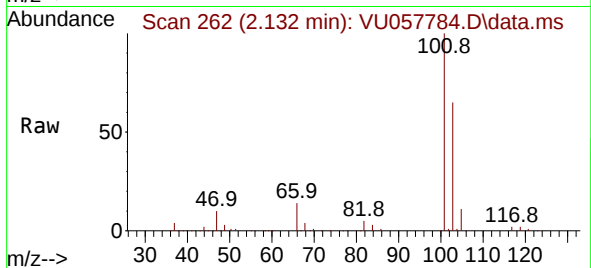
Tgt Ion: 64 Resp: 92715
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 9.916 ug/l
RT: 2.132 min Scan# 210
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

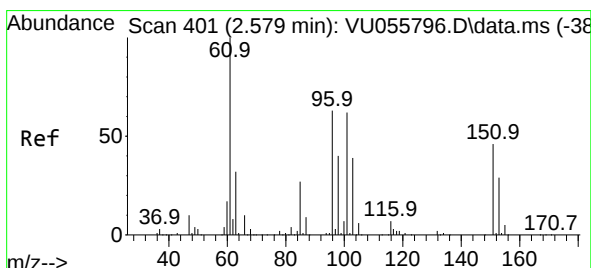
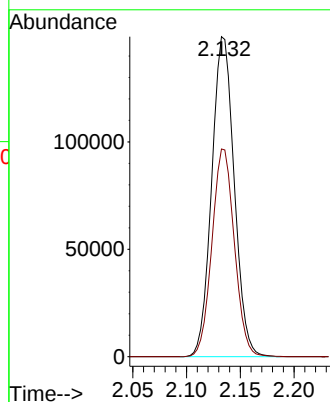
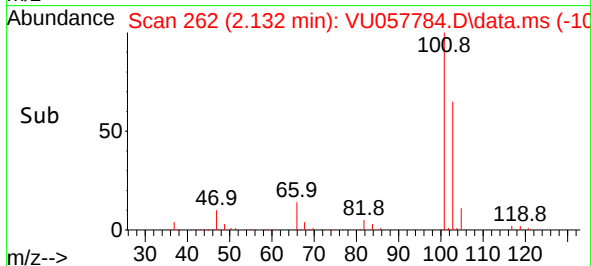
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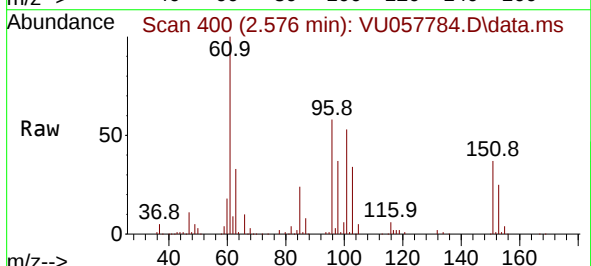
Tgt Ion:101 Resp: 21706
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

Manual Integrations
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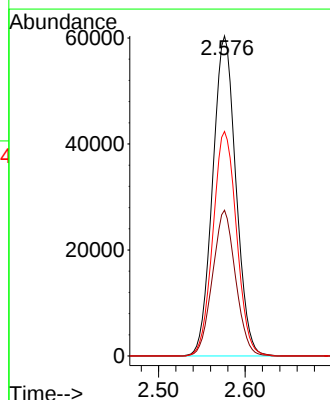
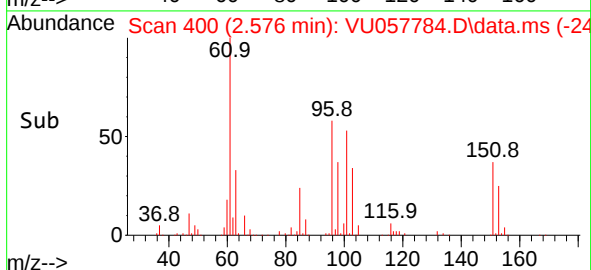
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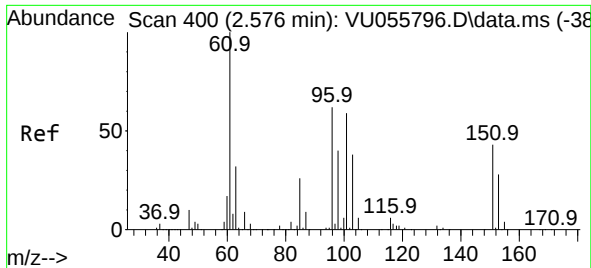


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.019 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



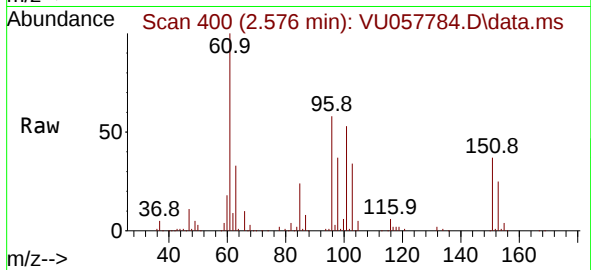
Tgt Ion:101 Resp: 112752
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.0
151 71.3 54.0 81.0





#9
1,1-Dichloroethene
Concen: 9.948 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

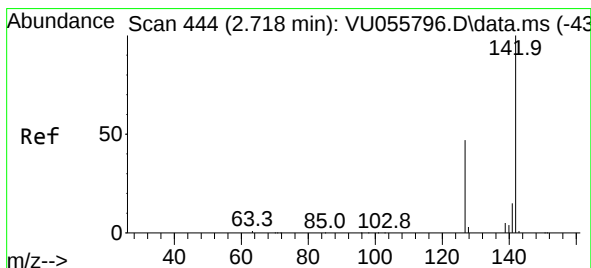
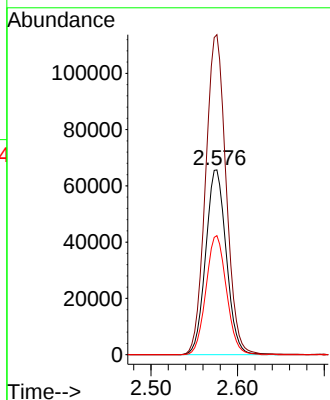
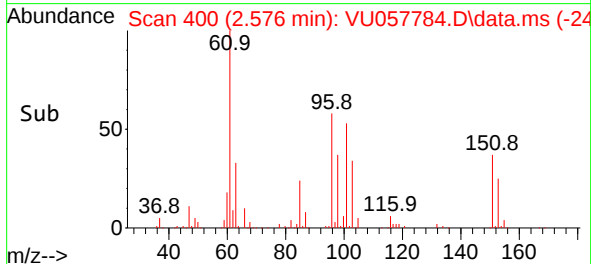
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ClientSampleId :
VSTDCCC010



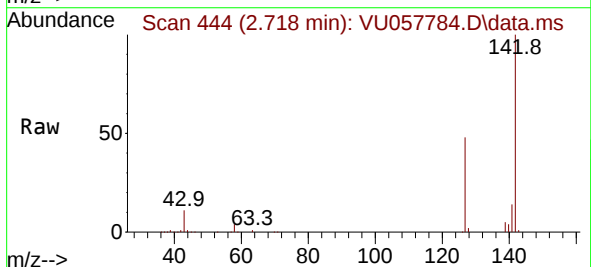
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Ion Ratio Lower Upper
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Manual Integrations
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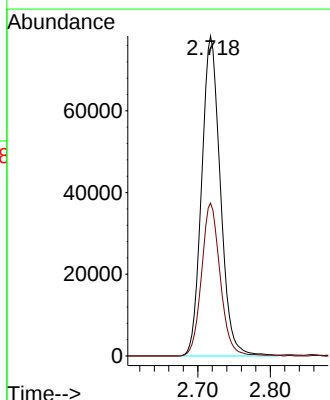
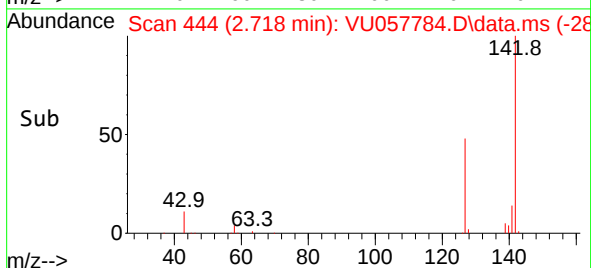
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

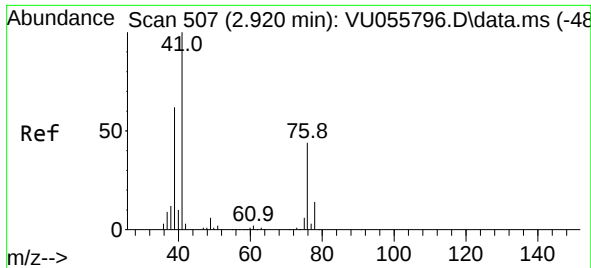


#10
Iodomethane
Concen: 10.859 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion:142 Resp: 140441
Ion Ratio Lower Upper
142 100
127 47.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 10.522 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057784.D
 Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

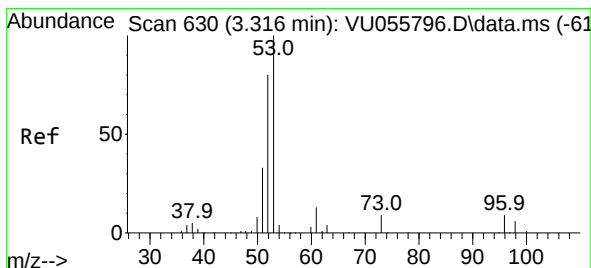
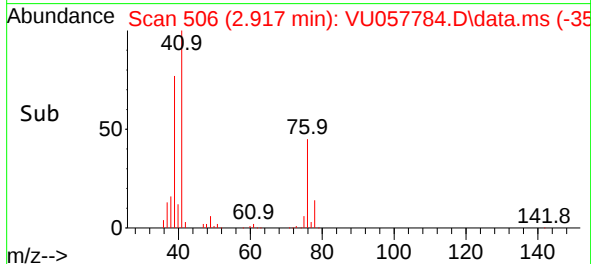
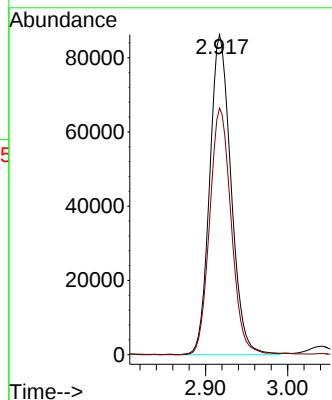
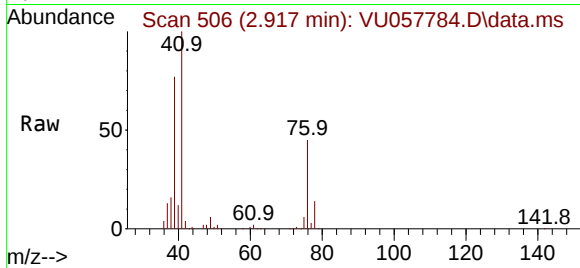
ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 155630
 Ion Ratio Lower Upper
 41 100
 39 77.6 54.2 81.2

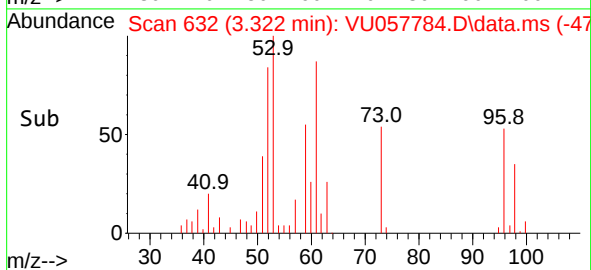
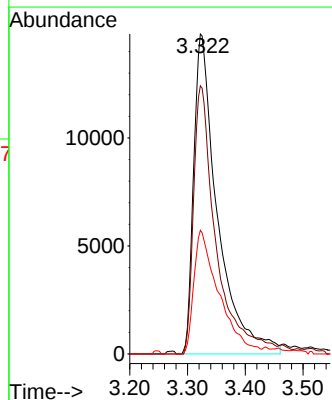
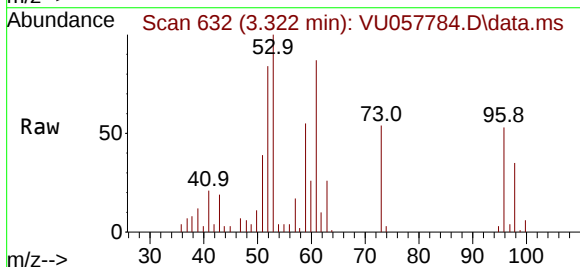
Manual Integrations
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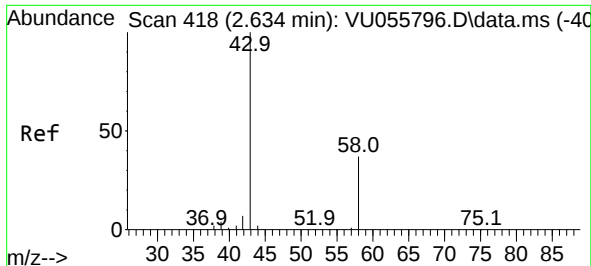
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#12
 Acrylonitrile
 Concen: 22.777 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.006 min
 Lab File: VU057784.D
 Acq: 02 Feb 2024 09:20

Tgt Ion: 53 Resp: 42389
 Ion Ratio Lower Upper
 53 100
 52 78.9 62.9 94.3
 51 40.9 27.8 41.6





#13

Acetone

Concen: 59.567 ug/l

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 200632

Ion Ratio Lower Upper

43 100

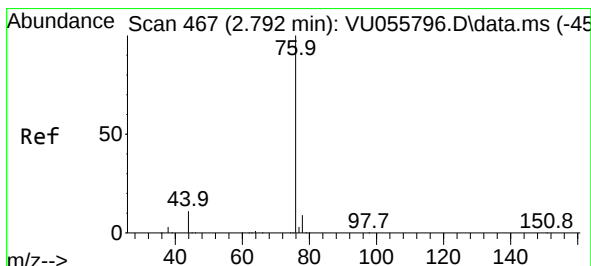
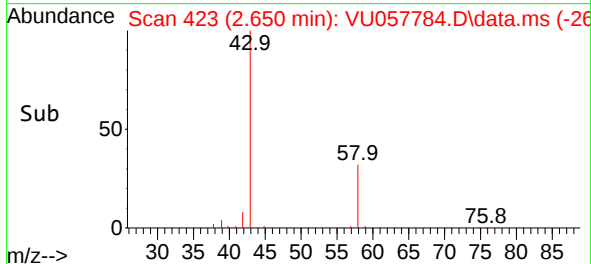
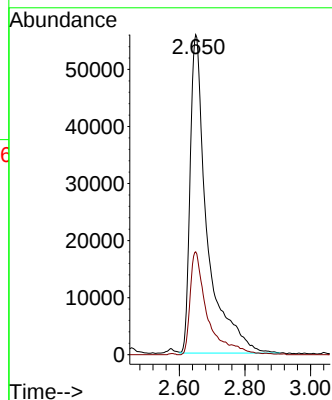
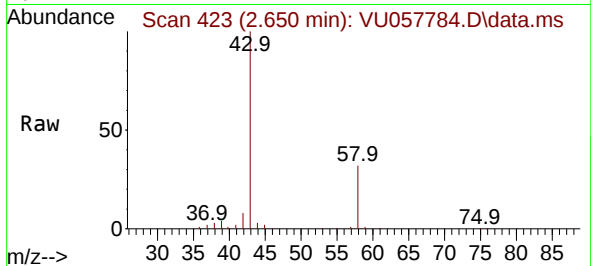
58 32.3 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 10.170 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057784.D

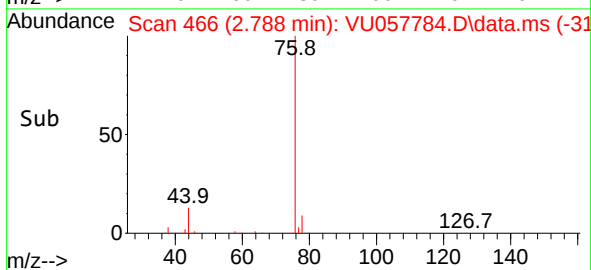
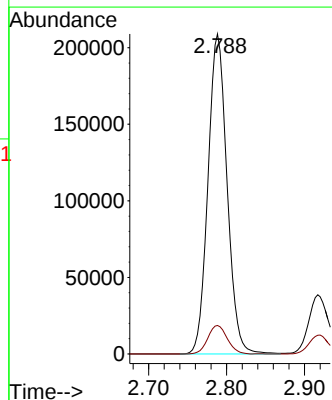
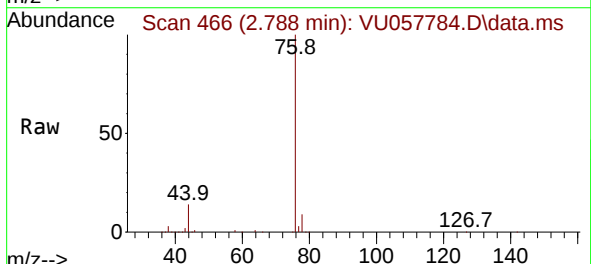
Acq: 02 Feb 2024 09:20

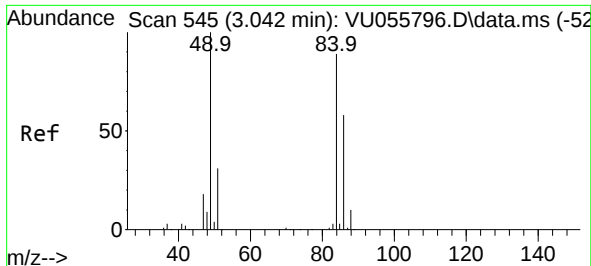
Tgt Ion: 76 Resp: 354993

Ion Ratio Lower Upper

76 100

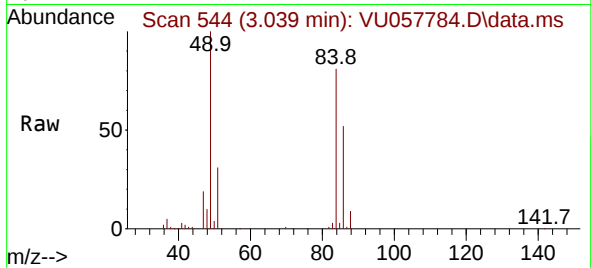
78 8.9 7.4 11.0





#15
Methylene Chloride
Concen: 9.388 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

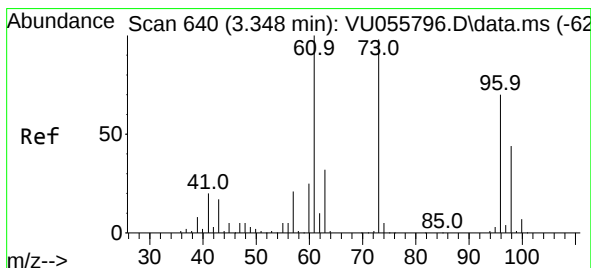
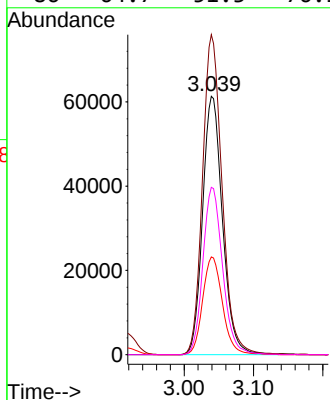
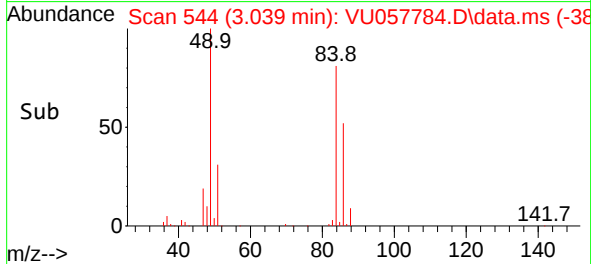
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 122270
Ion Ratio Lower Upper
84 100
49 123.8 98.9 148.3
51 37.8 0.0 75.4
86 64.7 51.3 76.9

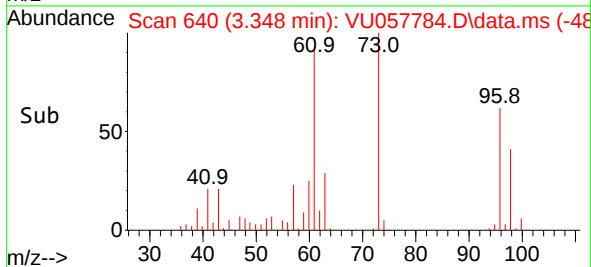
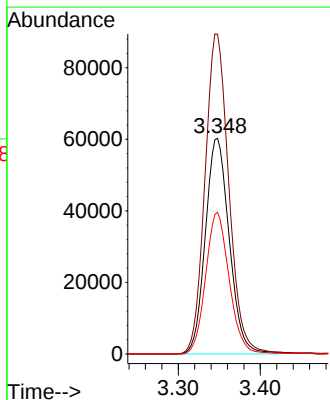
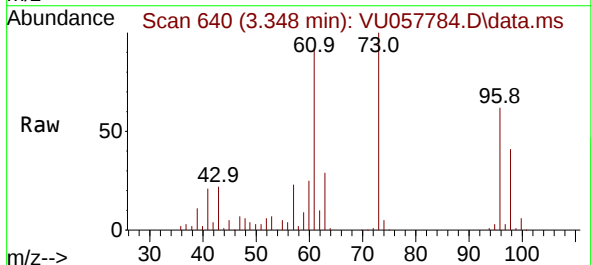
Manual Integrations
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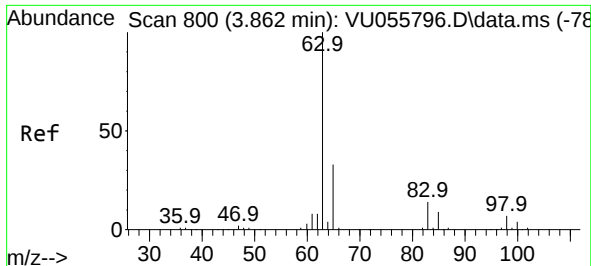
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 10.265 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion: 96 Resp: 122222
Ion Ratio Lower Upper
96 100
61 148.3 117.5 176.3
98 65.7 48.3 72.5





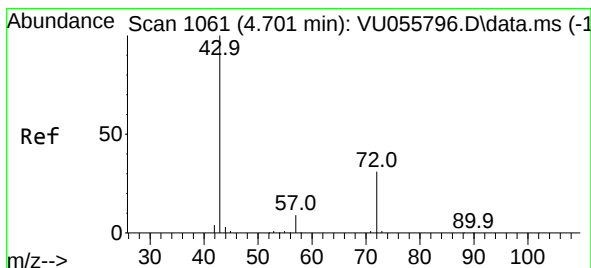
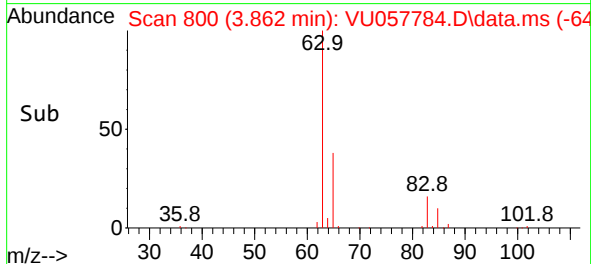
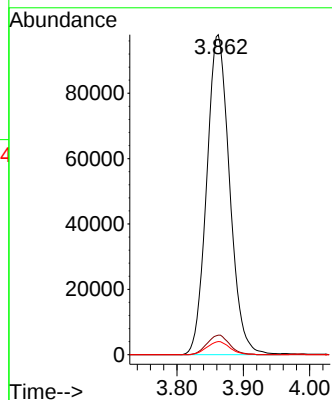
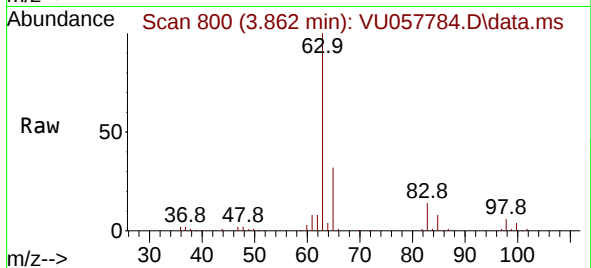
#17
1,1-Dichloroethane
Concen: 10.438 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 234610
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.1
100 4.1 2.2 6.6

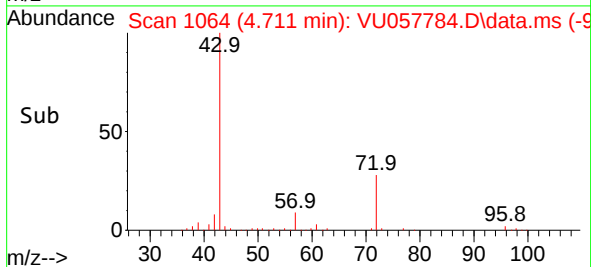
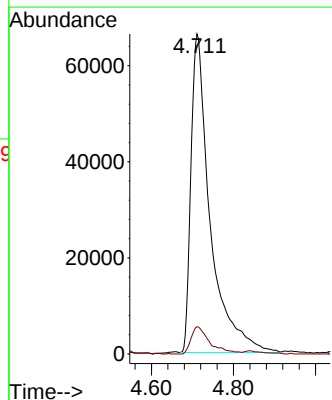
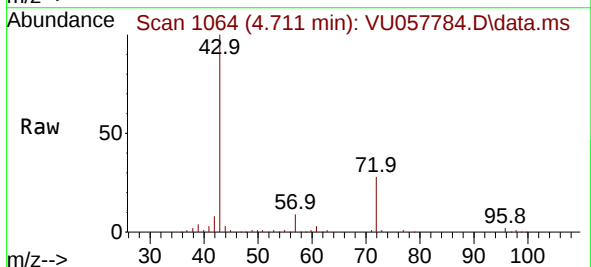
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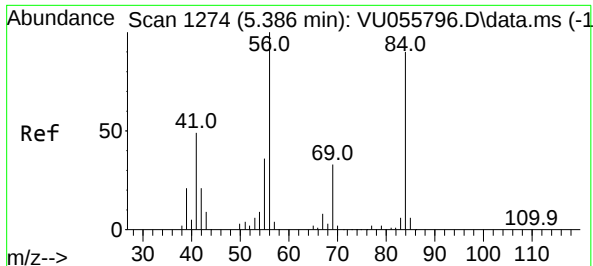
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 59.232 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion: 43 Resp: 215028
Ion Ratio Lower Upper
43 100
57 8.6 0.0 19.6





#19

Cyclohexane

Concen: 10.025 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 17658

Ion Ratio Lower Upper

56 100

69 36.2 24.6 37.0

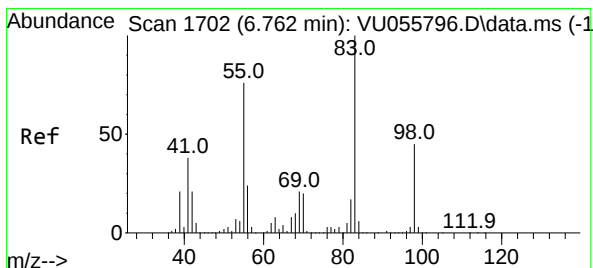
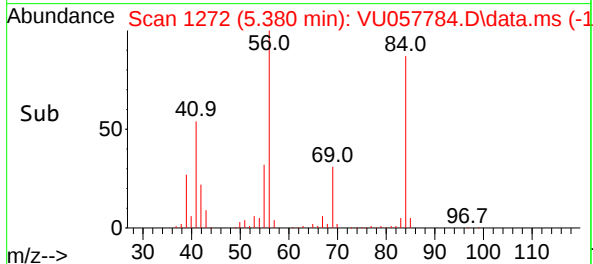
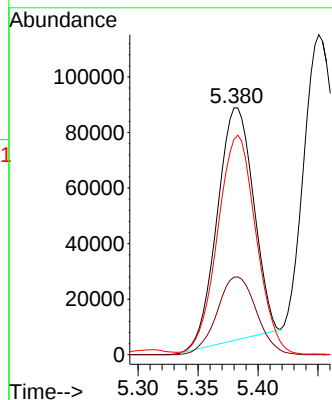
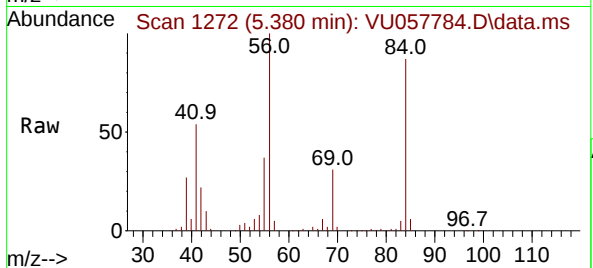
84 98.4 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 10.339 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

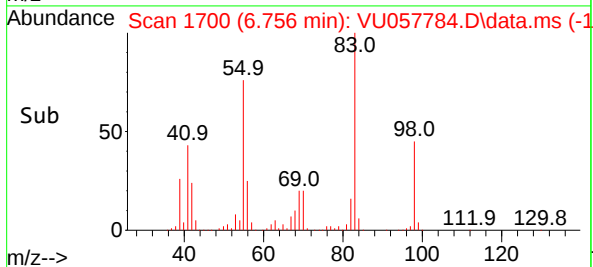
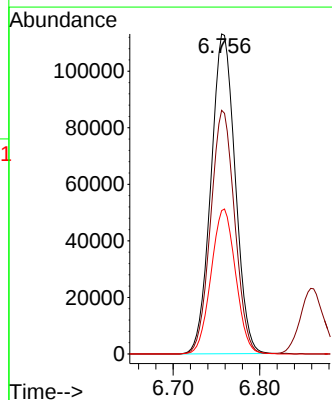
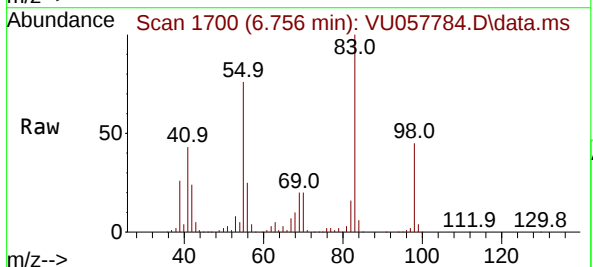
Tgt Ion: 83 Resp: 220076

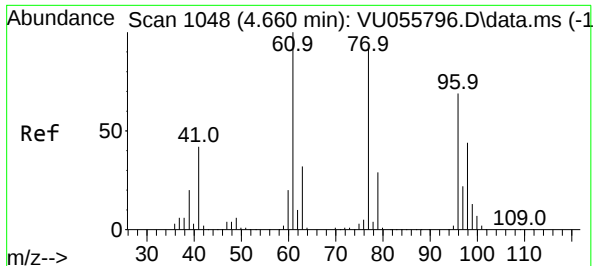
Ion Ratio Lower Upper

83 100

55 75.3 63.5 95.3

98 45.8 36.0 54.0





#21

2,2-Dichloropropane

Concen: 10.507 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 20970

Ion Ratio Lower Upper

77 100

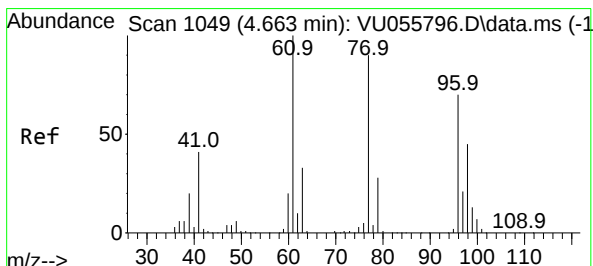
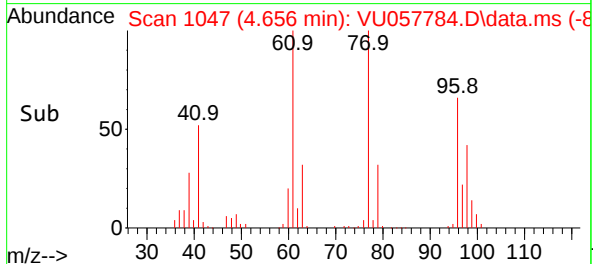
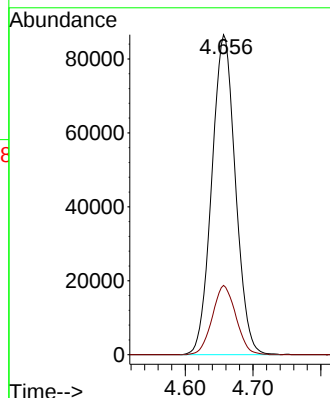
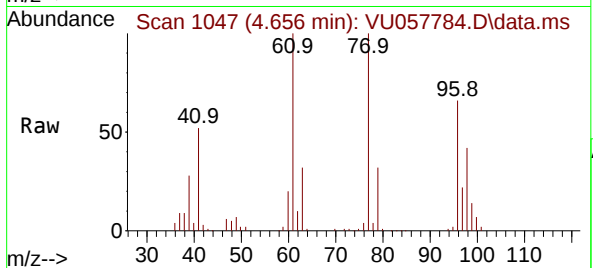
97 21.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 10.123 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

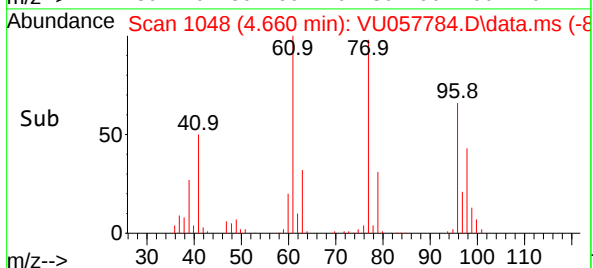
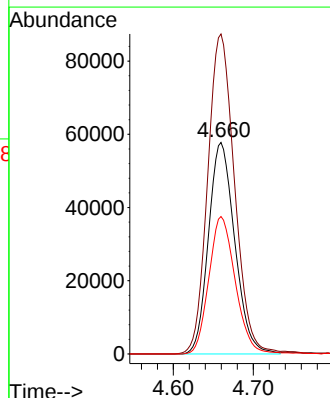
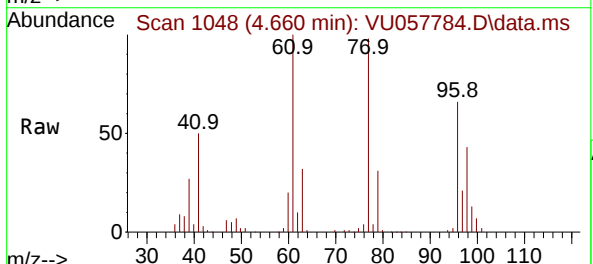
Tgt Ion: 96 Resp: 132000

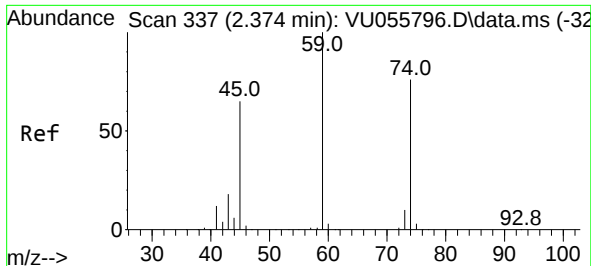
Ion Ratio Lower Upper

96 100

61 155.2 0.0 365.8

98 65.3 32.0 96.0





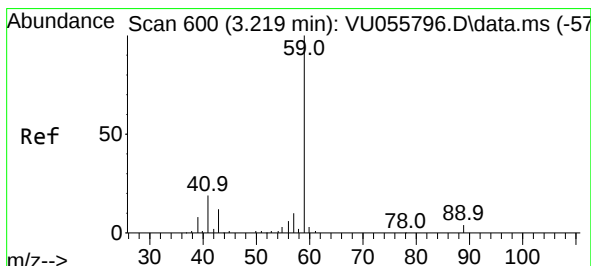
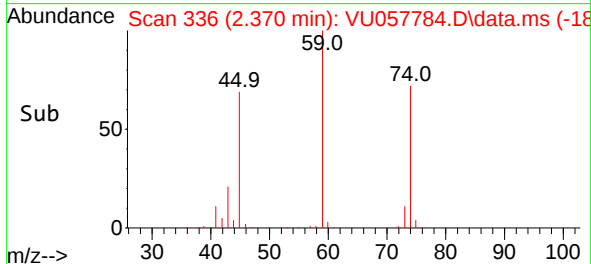
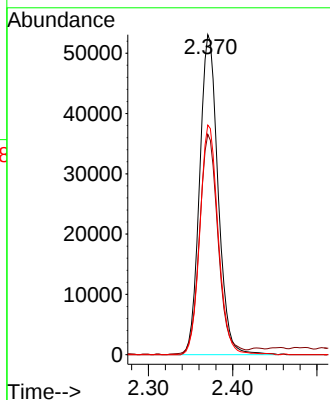
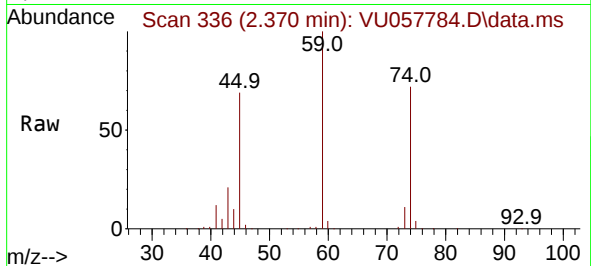
#23
Diethyl Ether
Concen: 10.266 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 8080
Ion Ratio Lower Upper
59 100
45 69.9 56.1 84.1
74 71.6 57.4 86.2

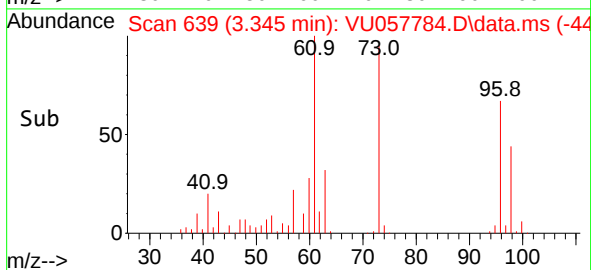
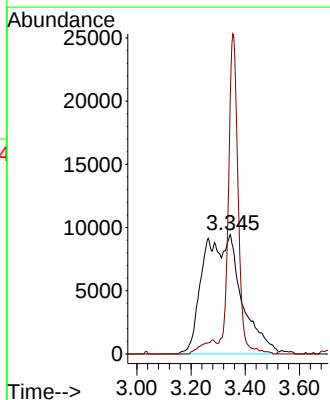
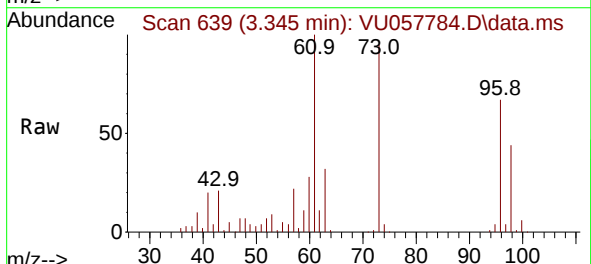
Manual Integrations
APPROVED

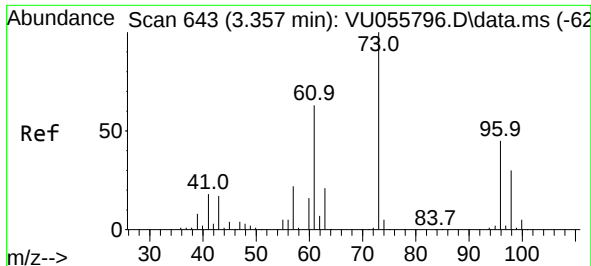
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 104.236 ug/l m
RT: 3.345 min Scan# 639
Delta R.T. 0.126 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

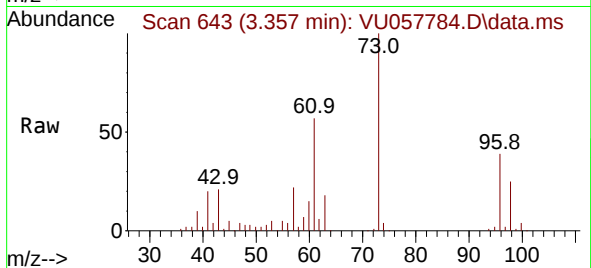
Tgt Ion: 59 Resp: 93255
Ion Ratio Lower Upper
59 100
57 4.5 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.269 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

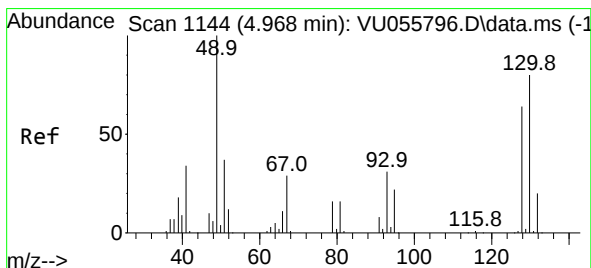
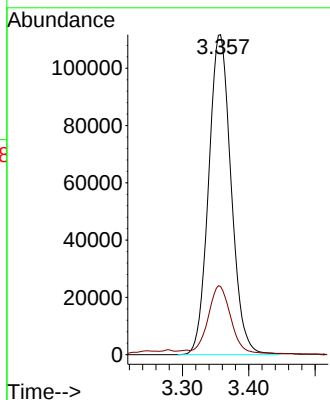
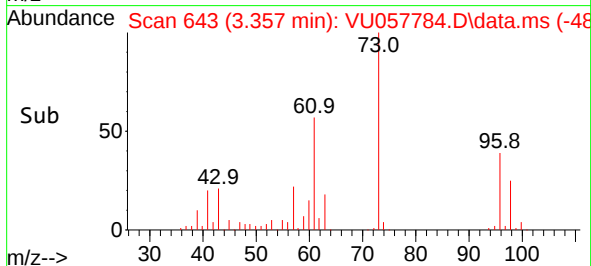
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



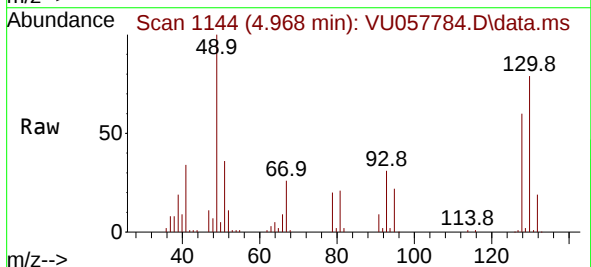
Tgt Ion: 73 Resp: 26277
Ion Ratio Lower Upper
73 100
43 21.0 15.0 22.6

Manual Integrations
APPROVED

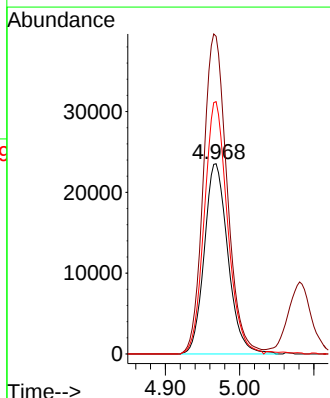
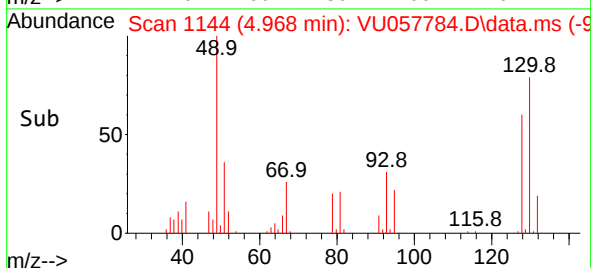
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

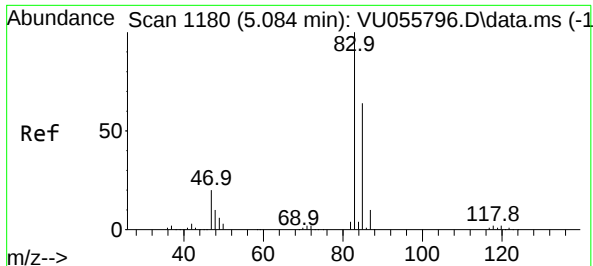


#26
Bromochloromethane
Concen: 9.929 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion:128 Resp: 52011
Ion Ratio Lower Upper
128 100
49 169.0 0.0 324.6
130 130.4 103.0 154.4





#27

Chloroform

Concen: 10.286 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 24035

Ion Ratio Lower Upper

83 100

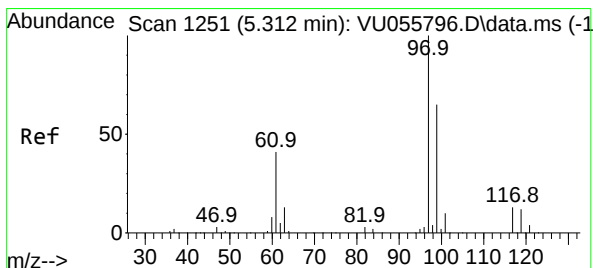
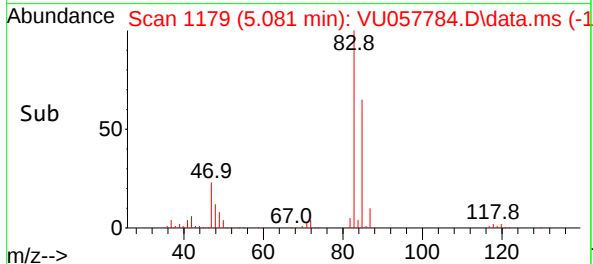
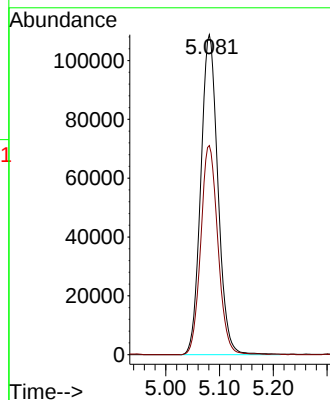
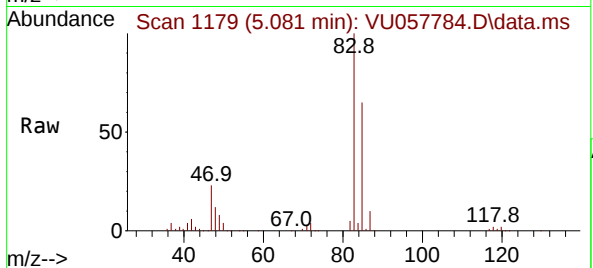
85 65.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 10.228 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

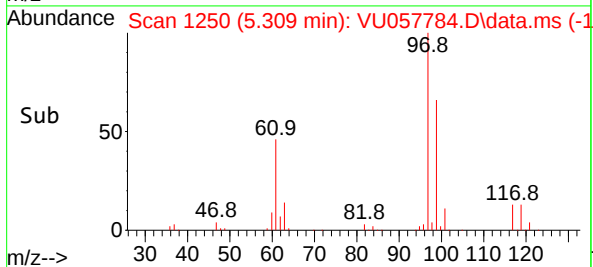
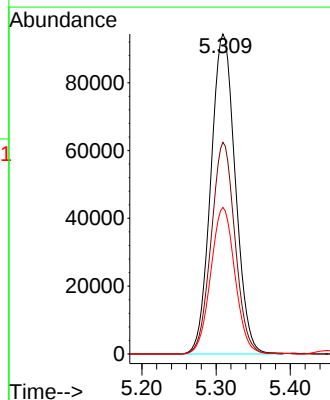
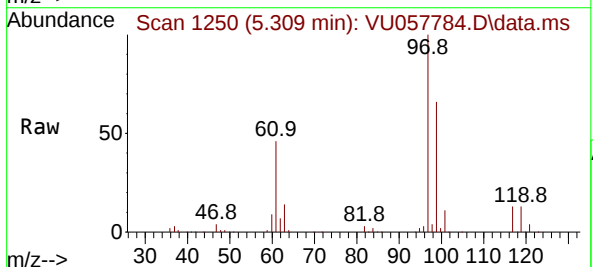
Tgt Ion: 97 Resp: 215818

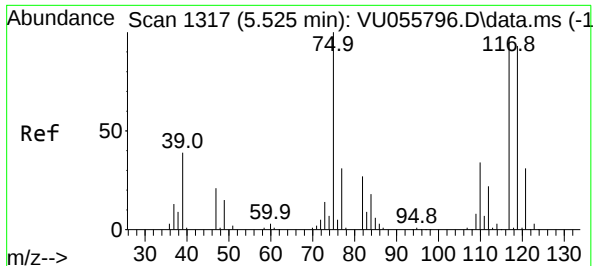
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

61 45.3 22.9 68.5





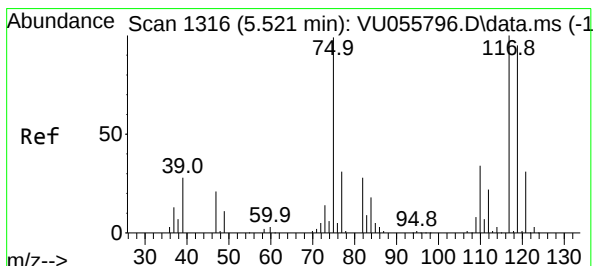
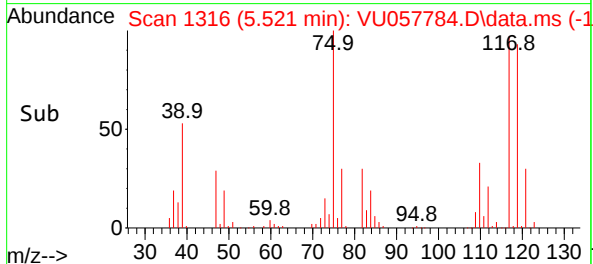
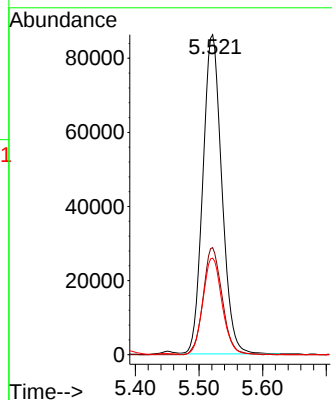
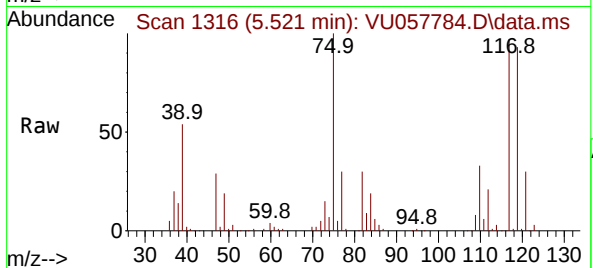
#29
1,1-Dichloropropene
Concen: 10.439 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 178199
Ion Ratio Lower Upper
75 100
110 33.6 18.0 54.0
77 30.4 24.7 37.1

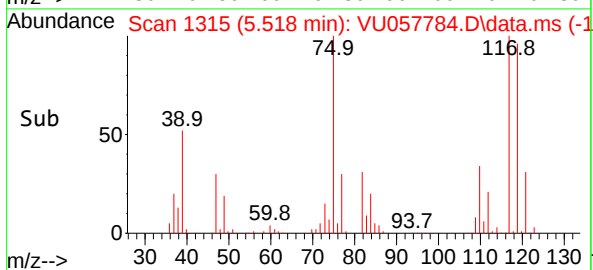
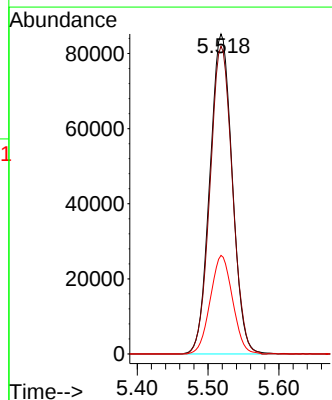
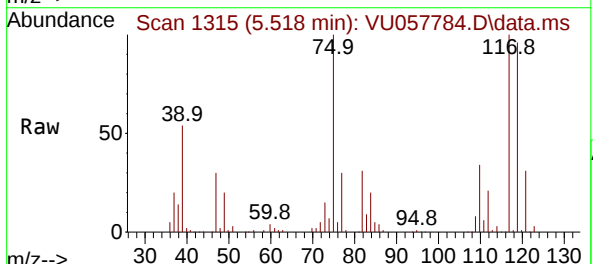
Manual Integrations
APPROVED

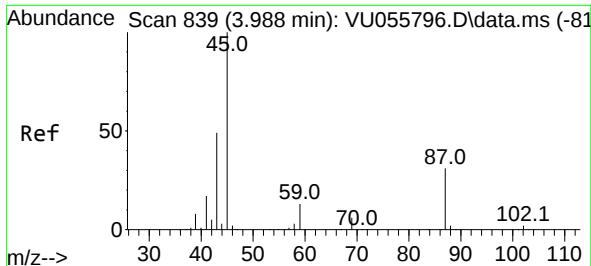
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 10.278 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

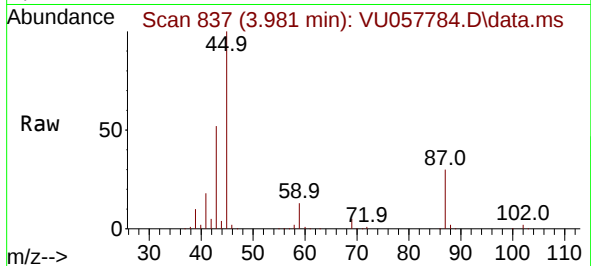
Tgt Ion:117 Resp: 186851
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
121 31.1 24.0 36.0





#31
Isopropyl Ether
Concen: 10.531 ug/l
RT: 3.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

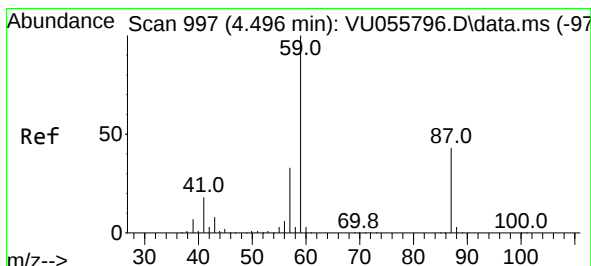
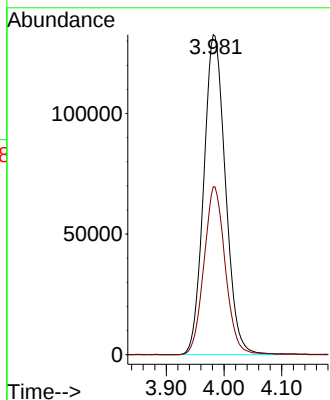
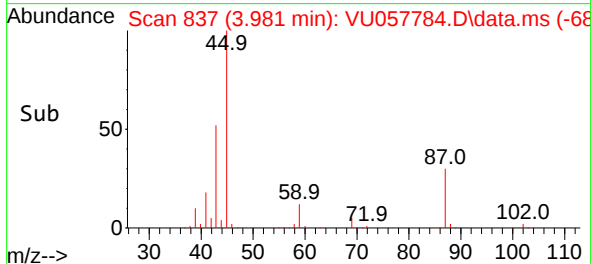
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



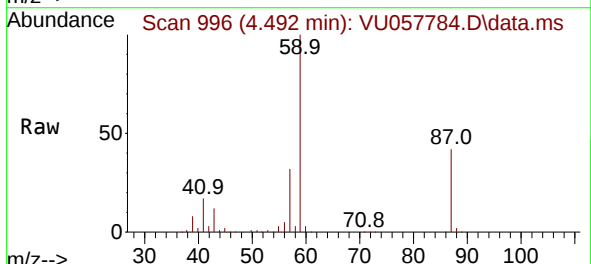
Tgt Ion: 45 Resp: 346354
Ion Ratio Lower Upper
45 100
43 51.6 27.5 82.5

Manual Integrations
APPROVED

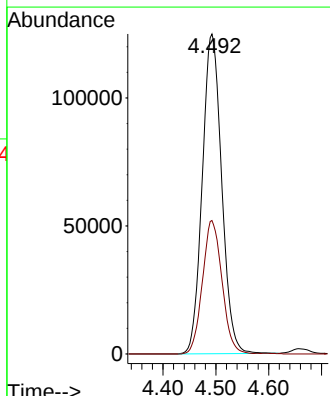
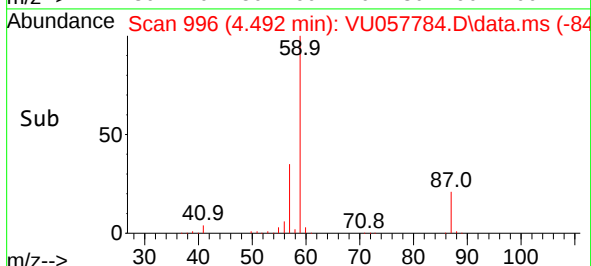
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

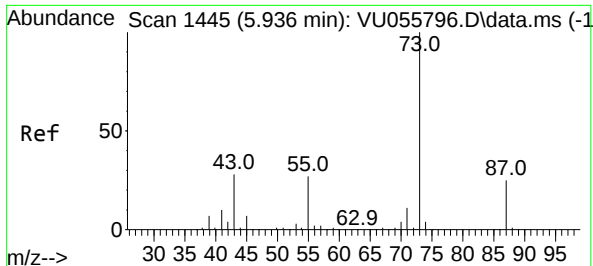


#32
Ethyl-t-butyl ether
Concen: 10.426 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion: 59 Resp: 318409
Ion Ratio Lower Upper
59 100
87 41.7 33.5 50.3





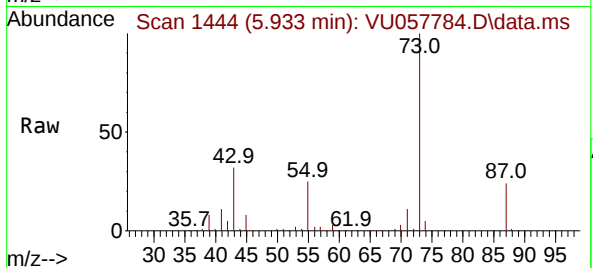
#33
Tert-Amyl methyl ether
Concen: 10.183 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



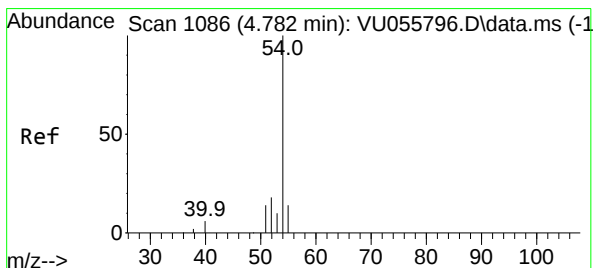
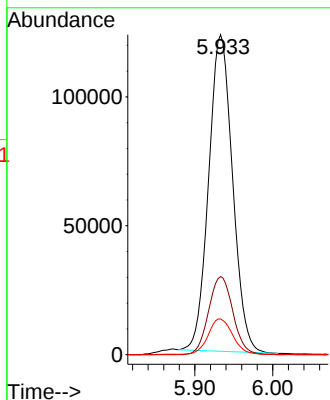
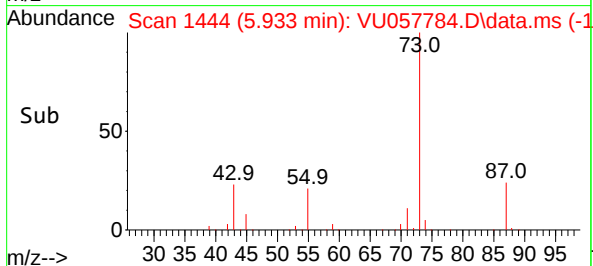
Tgt Ion: 73 Resp: 261809
Ion Ratio Lower Upper
73 100
87 25.1 18.6 28.0
71 11.6 9.9 14.9

Manual Integrations

APPROVED

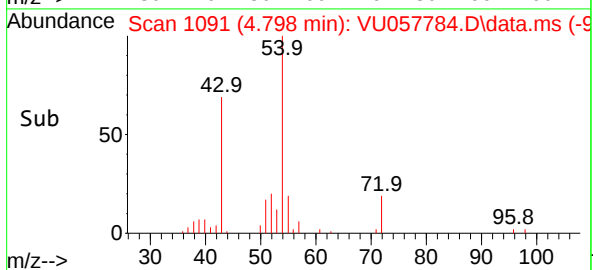
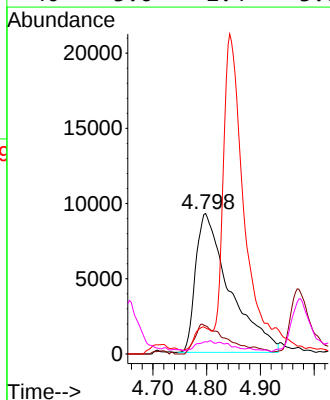
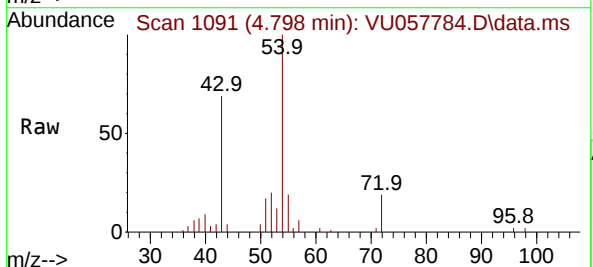
Reviewed By :John Carlone 02/14/2024

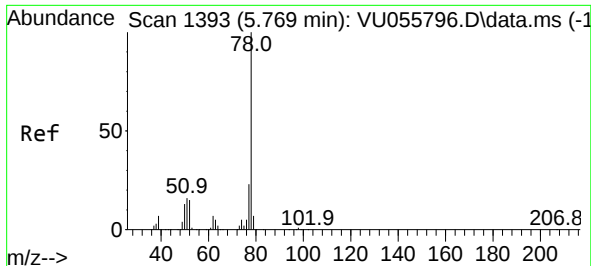
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 54.107 ug/l
RT: 4.798 min Scan# 1091
Delta R.T. 0.016 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

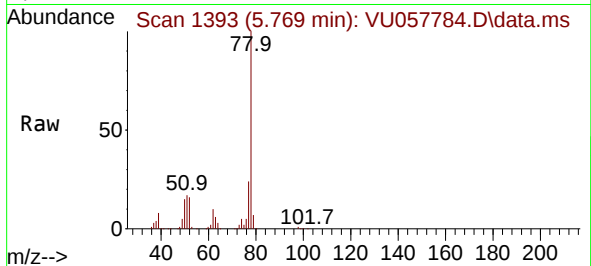
Tgt Ion: 54 Resp: 40710
Ion Ratio Lower Upper
54 100
52 19.1 17.4 26.0
55 8.0 104.1 156.1#
40 3.6 2.4 3.6





#35
Benzene
Concen: 10.230 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

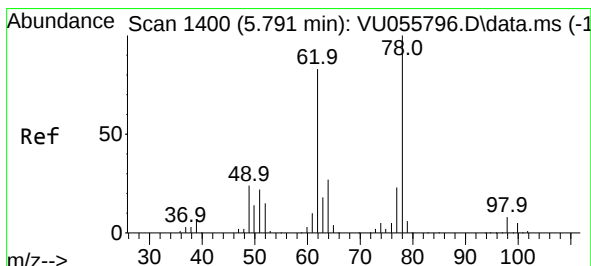
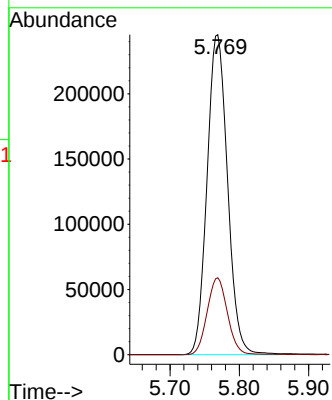
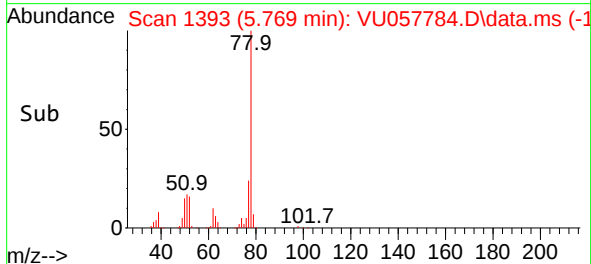
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



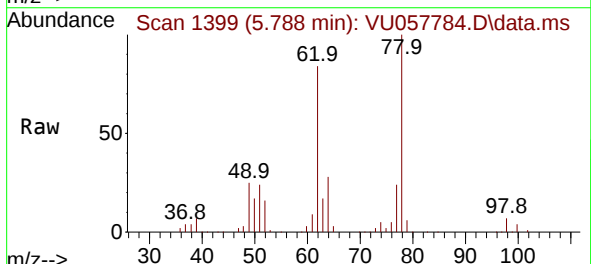
Tgt Ion: 78 Resp: 502814
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

Manual Integrations
APPROVED

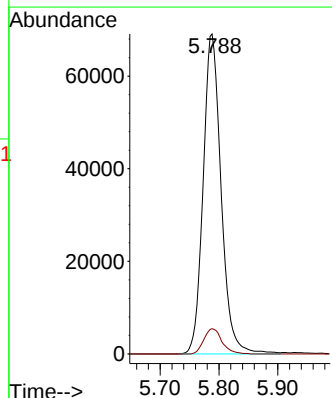
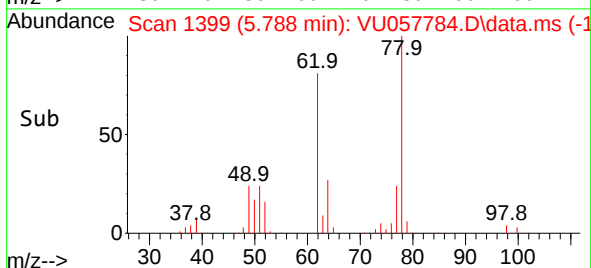
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

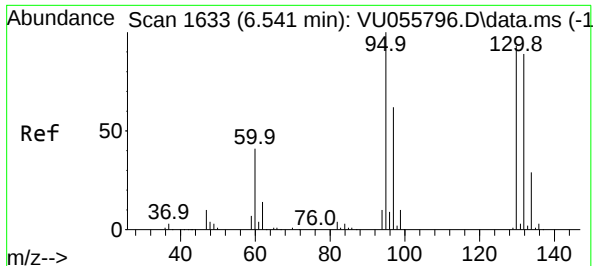


#36
1,2-Dichloroethane
Concen: 10.250 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion: 62 Resp: 146807
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9





#37

Trichloroethene

Concen: 10.116 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 132030

Ion Ratio Lower Upper

130 100

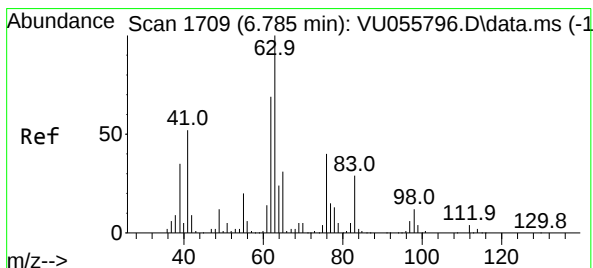
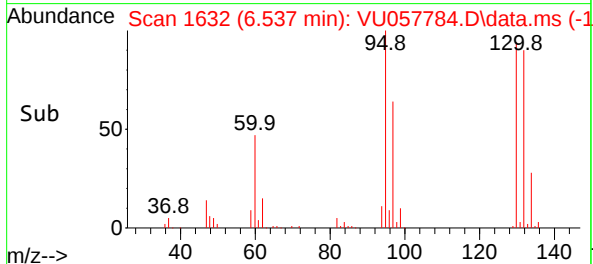
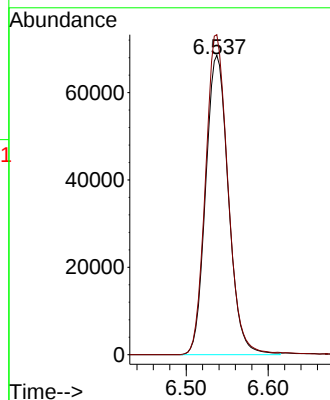
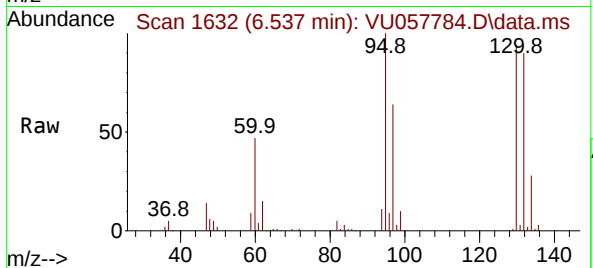
95 106.9 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 10.299 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU057784.D

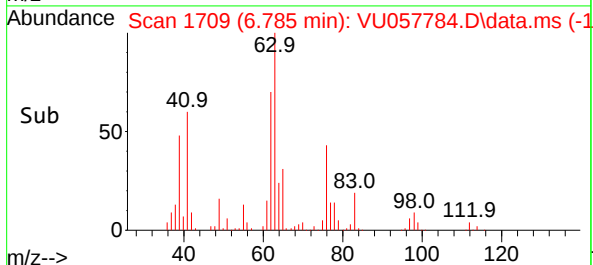
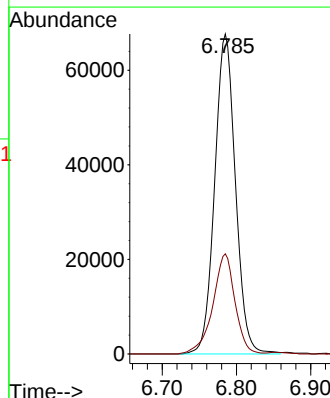
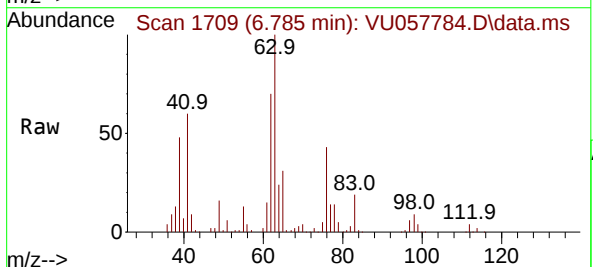
Acq: 02 Feb 2024 09:20

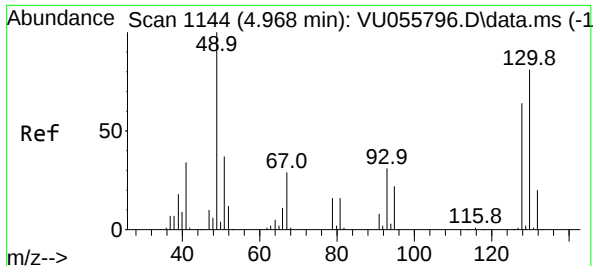
Tgt Ion: 63 Resp: 131254

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3





#39

Methacrylonitrile

Concen: 11.082 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 3323

Ion Ratio Lower Upper

41 100

67 82.2 66.8 100.2

39 53.3 41.2 61.8

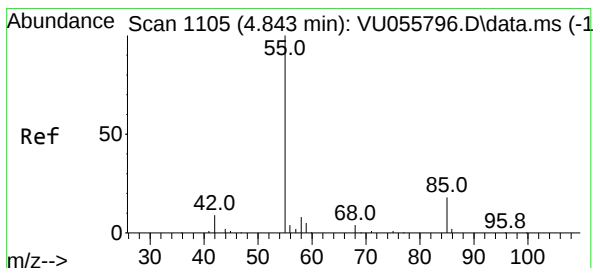
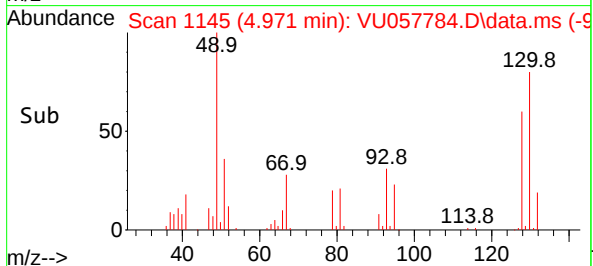
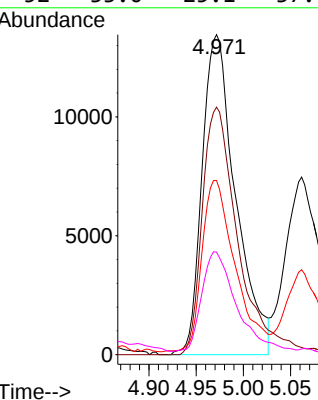
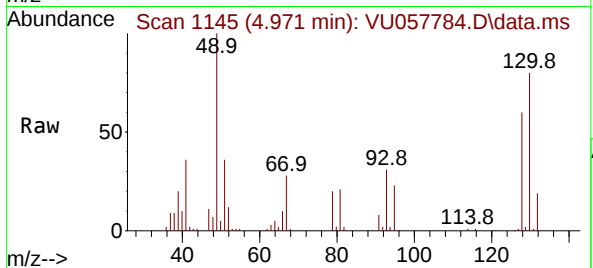
52 33.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 8.173 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Tgt Ion: 55 Resp: 49091

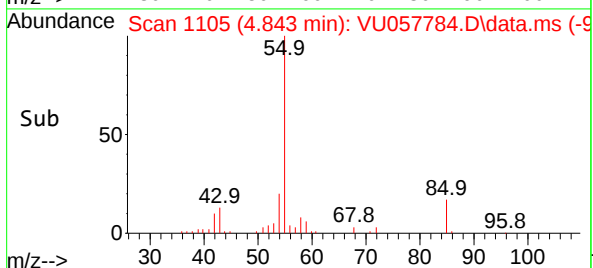
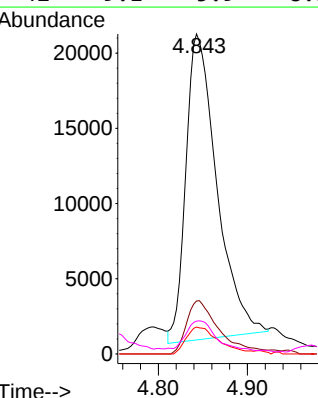
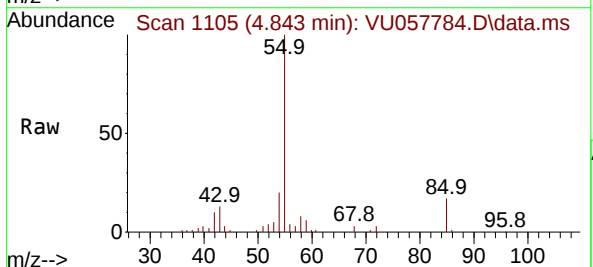
Ion Ratio Lower Upper

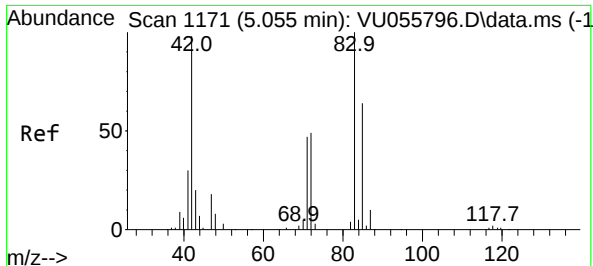
55 100

85 18.4 13.3 19.9

58 9.3 6.5 9.7

42 9.1 5.9 8.9#





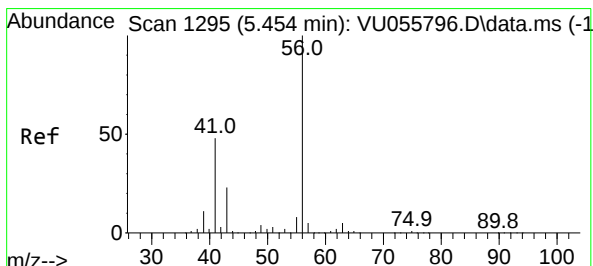
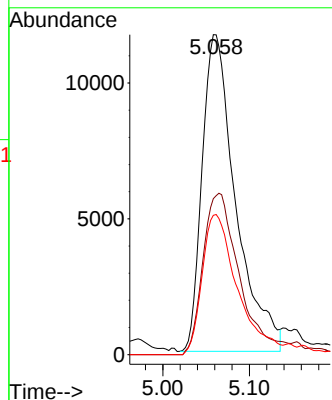
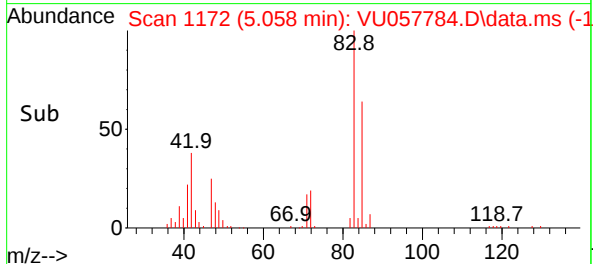
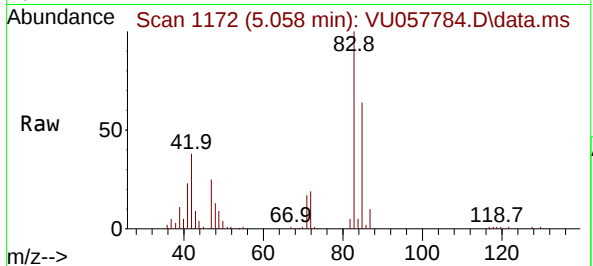
#41
Tetrahydrofuran
Concen: 19.641 ug/l
RT: 5.058 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 31448
Ion Ratio Lower Upper
42 100
72 55.6 40.9 61.3
71 46.6 36.9 55.3

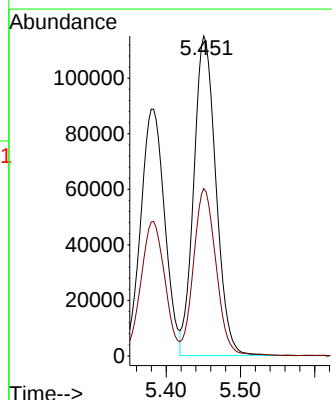
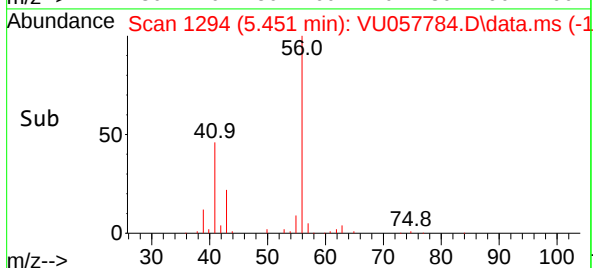
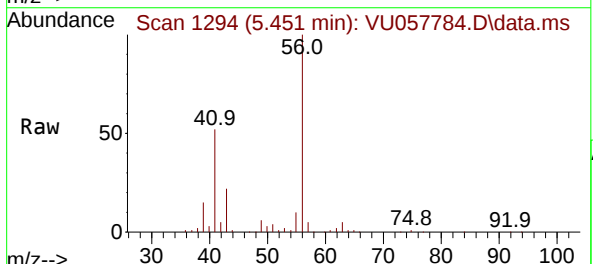
Manual Integrations
APPROVED

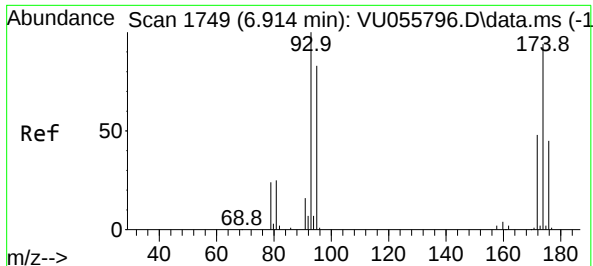
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#42
1-Chlorobutane
Concen: 10.606 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion: 56 Resp: 238717
Ion Ratio Lower Upper
56 100
41 53.3 25.2 75.6





#43

Dibromomethane

Concen: 10.380 ug/l

RT: 6.914 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 93 Resp: 6083

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

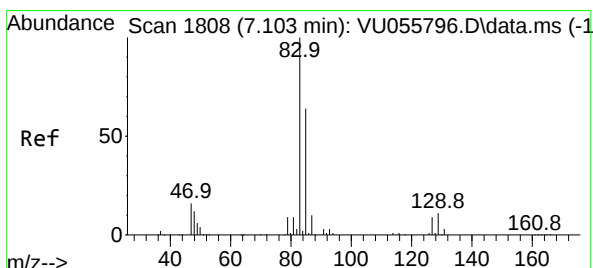
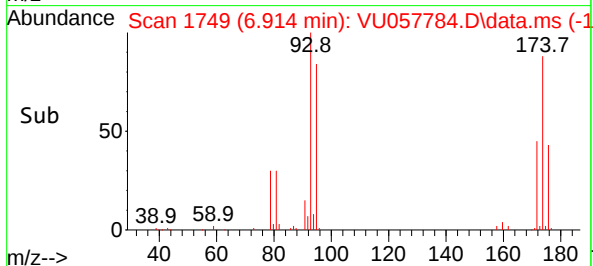
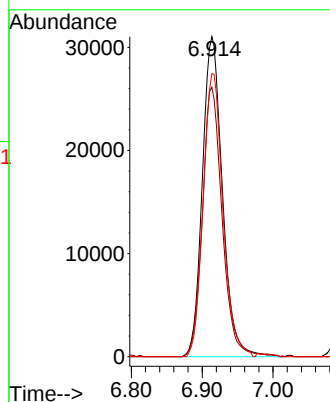
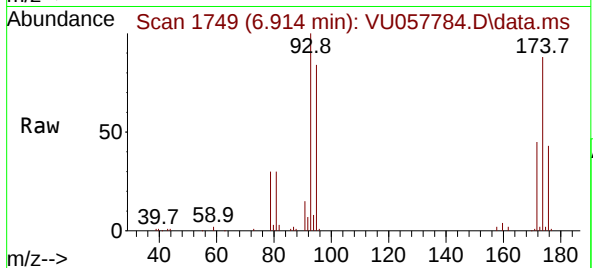
174 87.4 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 10.366 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

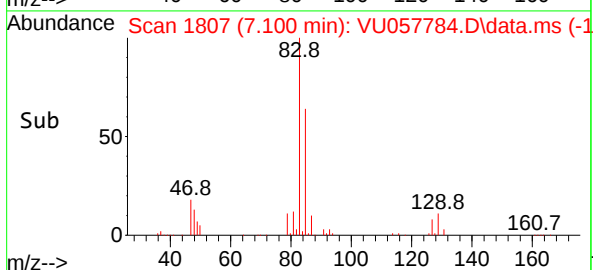
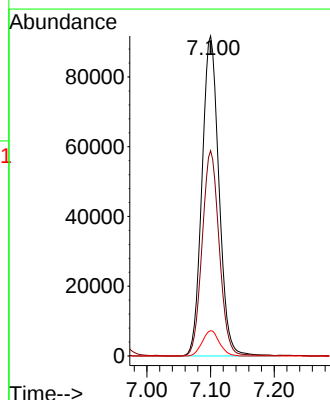
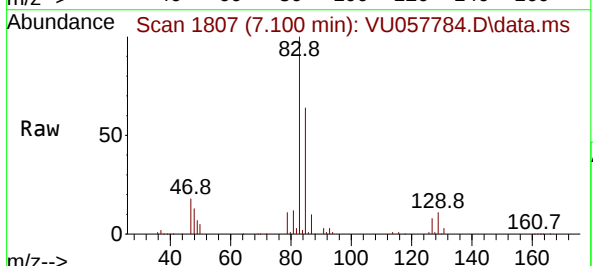
Tgt Ion: 83 Resp: 170101

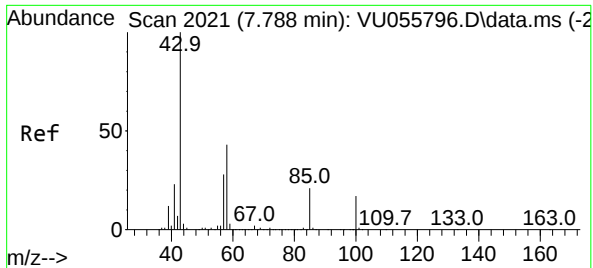
Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

127 8.9 6.7 10.1





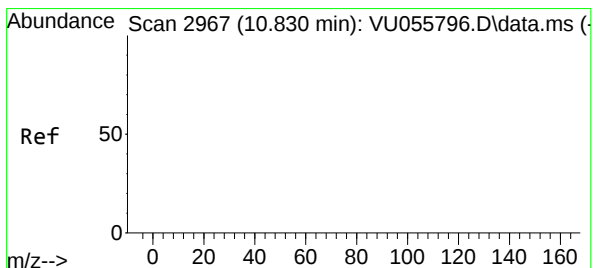
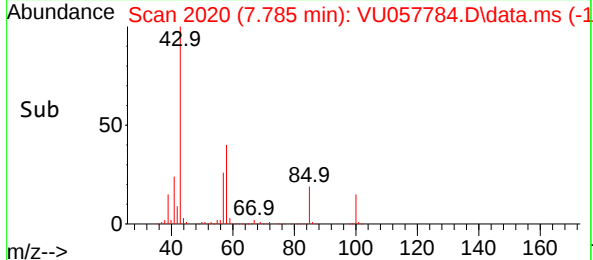
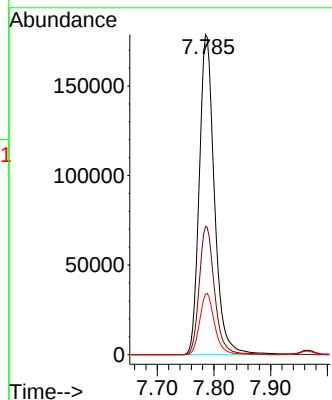
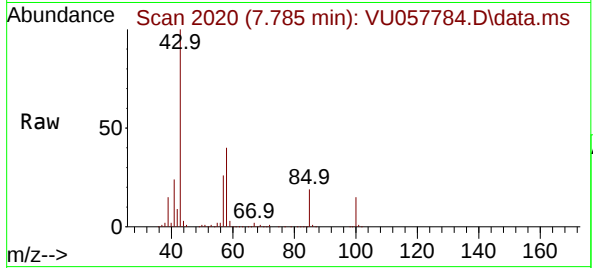
#45
4-Methyl-2-Pentanone
Concen: 53.076 ug/l
RT: 7.785 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 33152
Ion Ratio Lower Upper
43 100
58 40.6 20.9 62.8
85 18.8 14.6 21.8

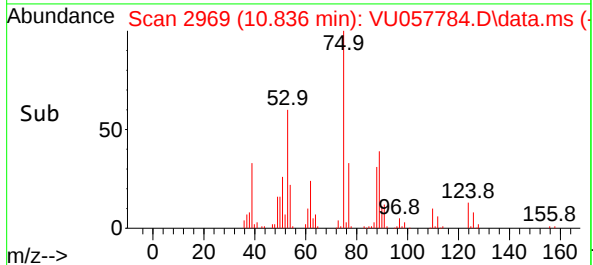
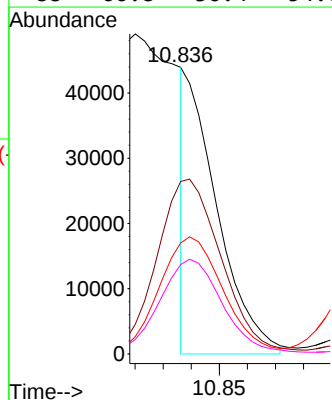
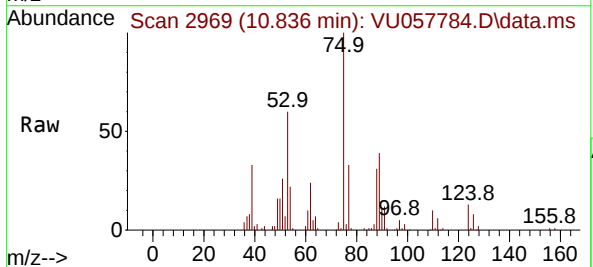
Manual Integrations
APPROVED

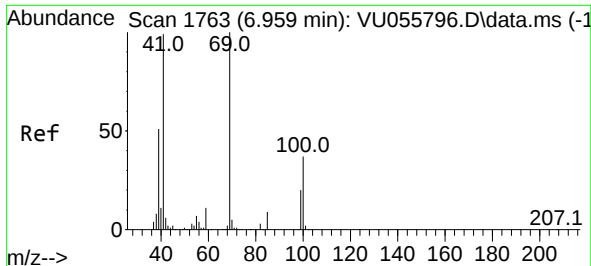
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#46
t-1,4-Dichloro-2-butene
Concen: 20.144 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.006 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

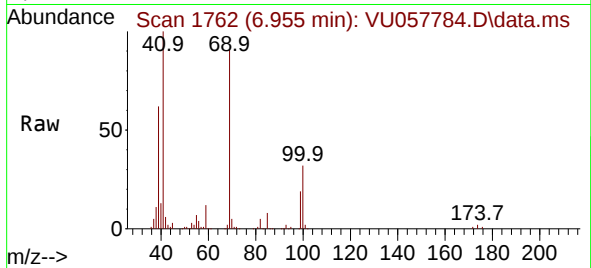
Tgt Ion: 75 Resp: 34063
Ion Ratio Lower Upper
75 100
53 126.5 73.3 109.9#
89 84.2 48.2 72.4#
88 66.8 36.4 54.6#





#47
Methyl methacrylate
Concen: 21.284 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

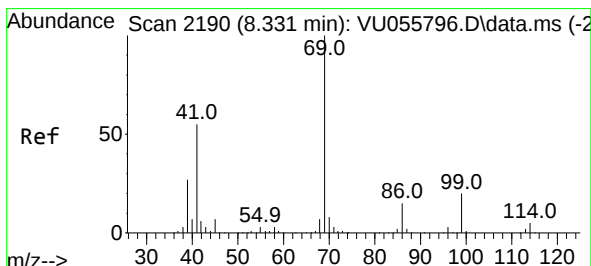
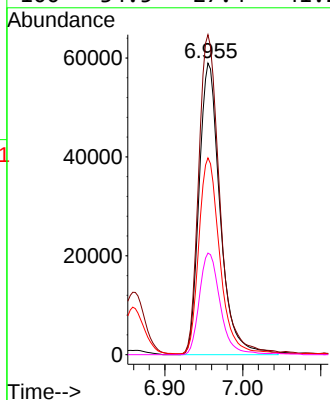
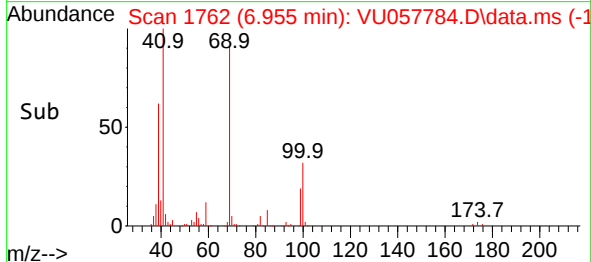
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 11019
Ion Ratio Lower Upper
69 100
41 109.6 0.0 209.2
39 67.0 46.7 70.1
100 34.5 27.4 41.2

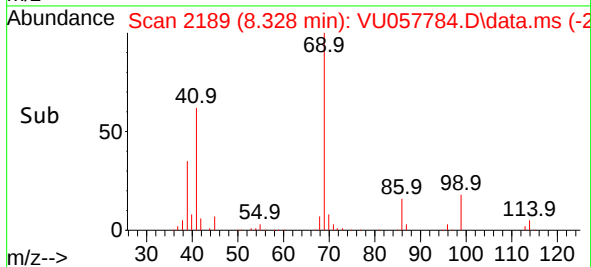
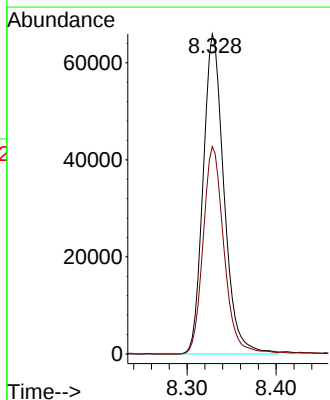
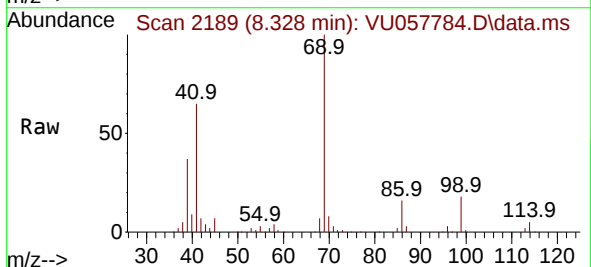
Manual Integrations
APPROVED

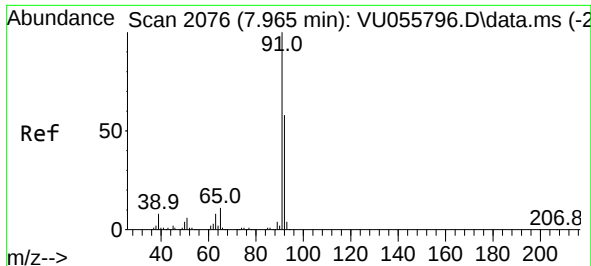
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 10.308 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

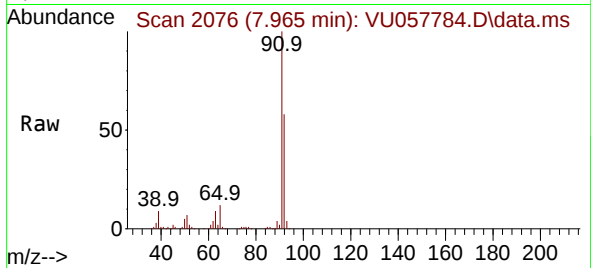
Tgt Ion: 69 Resp: 106969
Ion Ratio Lower Upper
69 100
41 65.1 30.3 90.8





#49
Toluene
Concen: 10.386 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

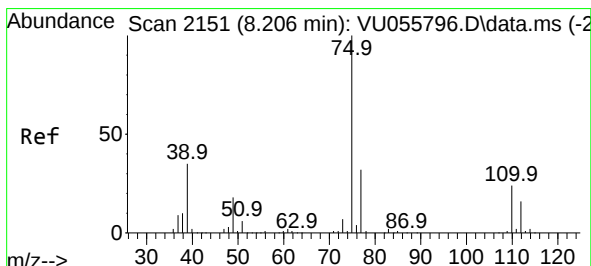
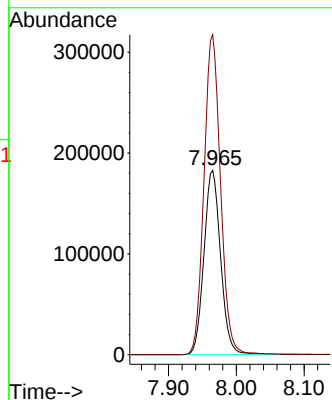
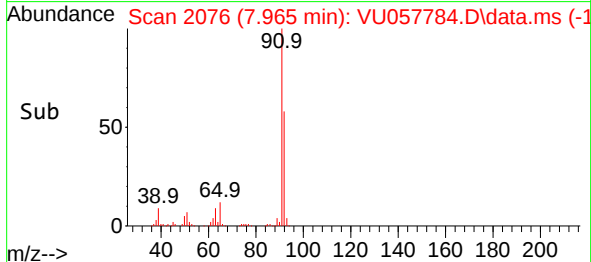
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 311820
Ion Ratio Lower Upper
92 100
91 172.9 143.0 214.6

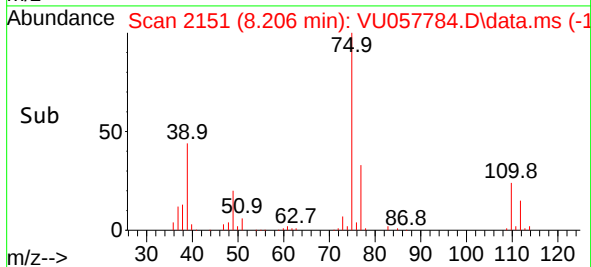
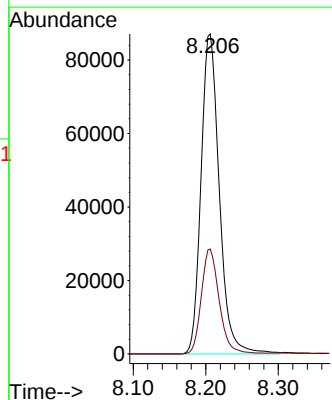
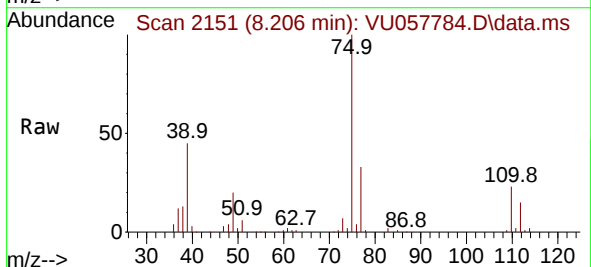
Manual Integrations
APPROVED

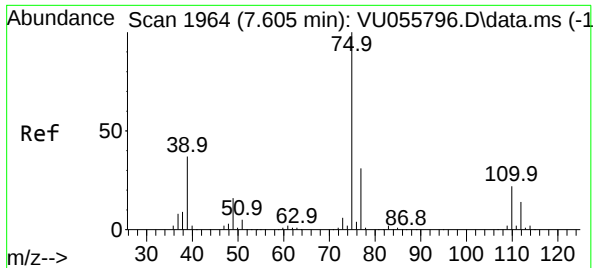
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#50
t-1,3-Dichloropropene
Concen: 10.772 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion: 75 Resp: 152603
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9





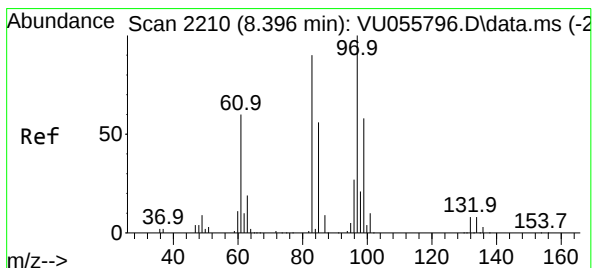
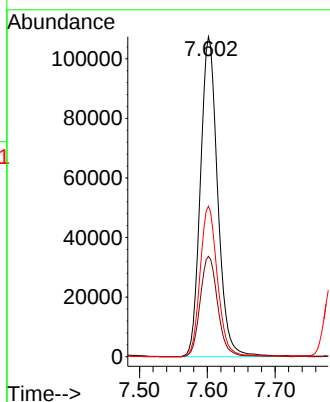
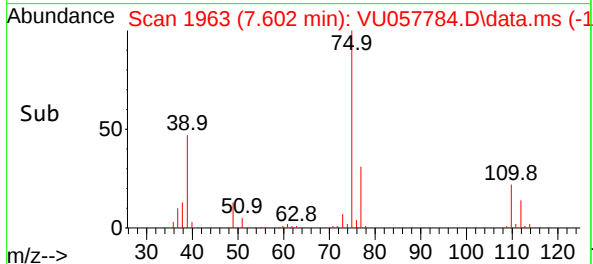
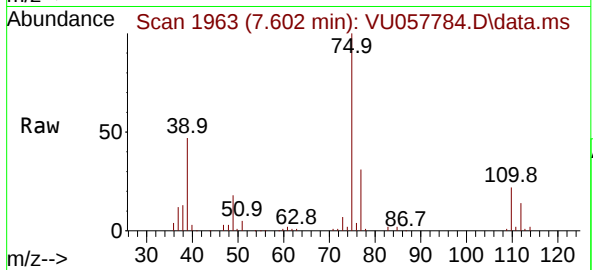
#51
 cis-1,3-Dichloropropene
 Concen: 10.576 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU057784.D
 Acq: 02 Feb 2024 09:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 18978
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5
 39 47.1 32.8 49.2

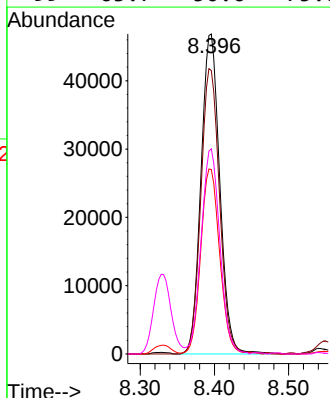
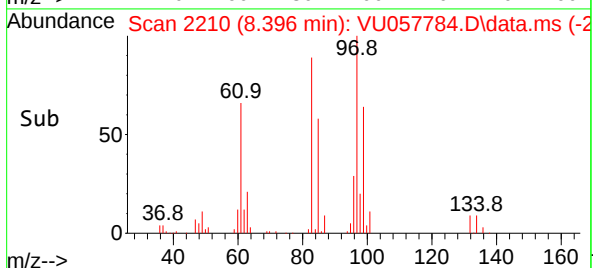
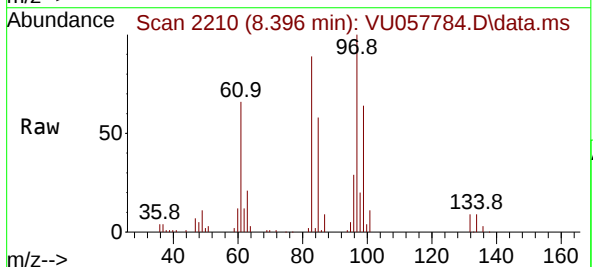
Manual Integrations
 APPROVED

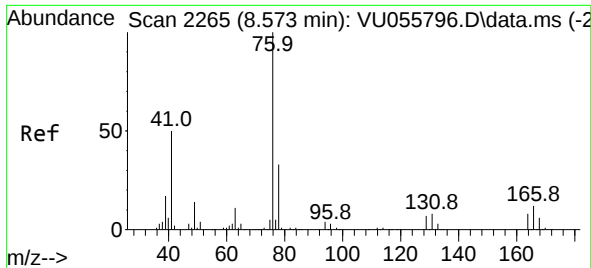
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.188 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057784.D
 Acq: 02 Feb 2024 09:20

Tgt Ion: 97 Resp: 82274
 Ion Ratio Lower Upper
 97 100
 83 88.6 71.8 107.8
 85 57.6 45.2 67.8
 99 63.7 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.227 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 148449

Ion Ratio Lower Upper

76 100

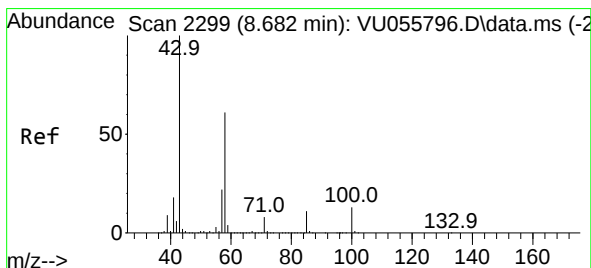
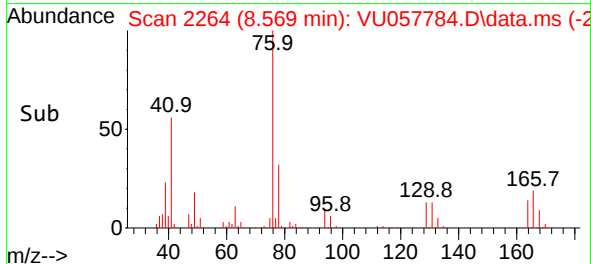
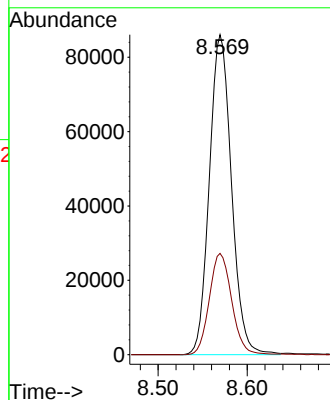
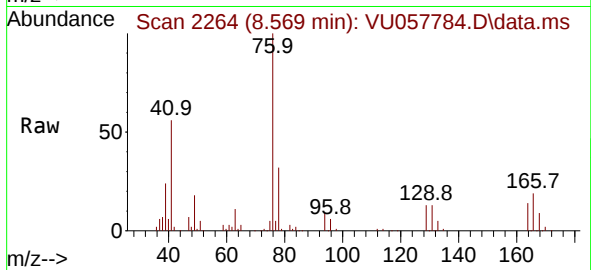
78 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#54

2-Hexanone

Concen: 56.654 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

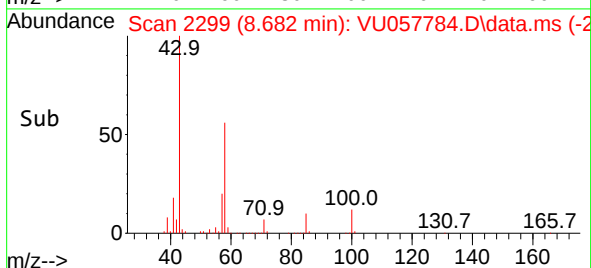
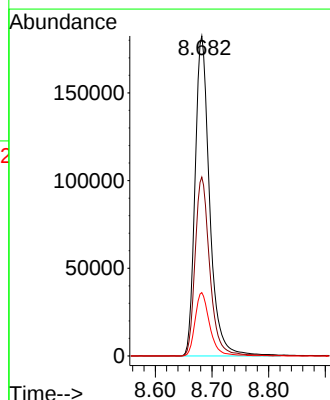
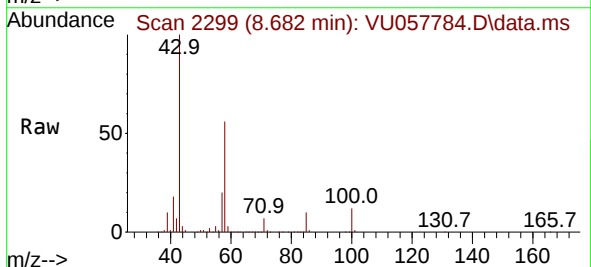
Tgt Ion: 43 Resp: 325756

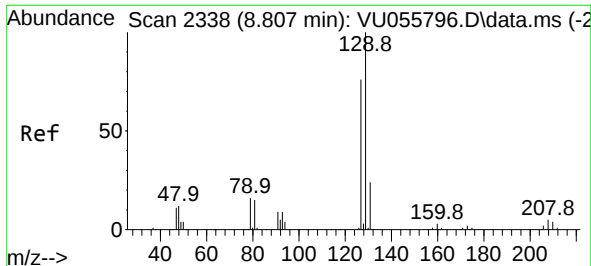
Ion Ratio Lower Upper

43 100

58 56.3 38.2 78.2

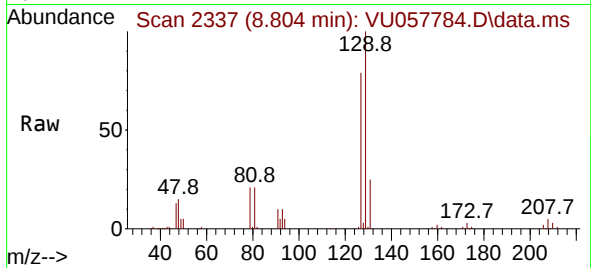
57 19.9 0.0 39.1





#55
Dibromochloromethane
Concen: 10.279 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

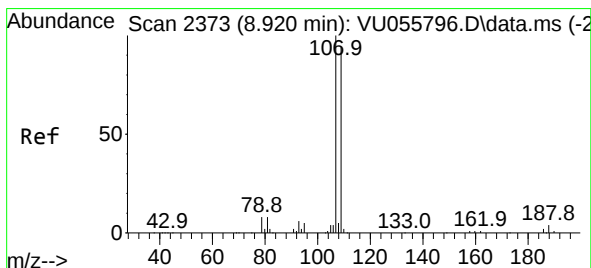
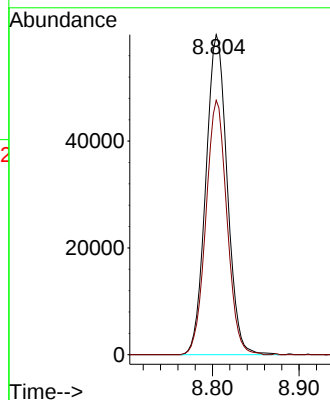
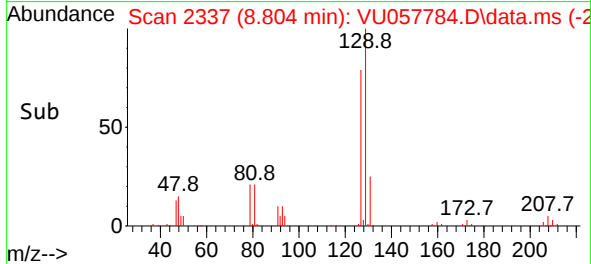
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 102750
Ion Ratio Lower Upper
129 100
127 78.3 61.4 92.0

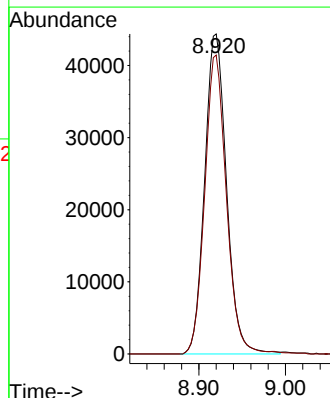
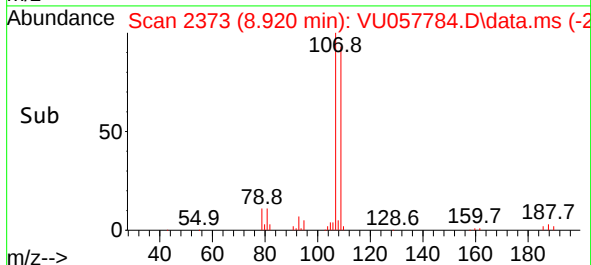
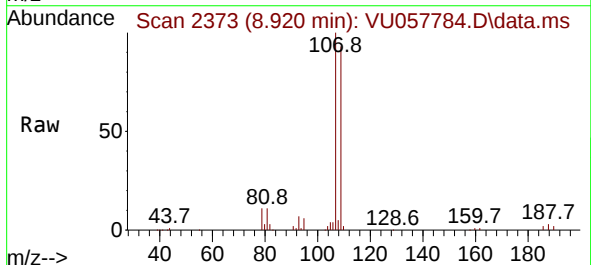
Manual Integrations
APPROVED

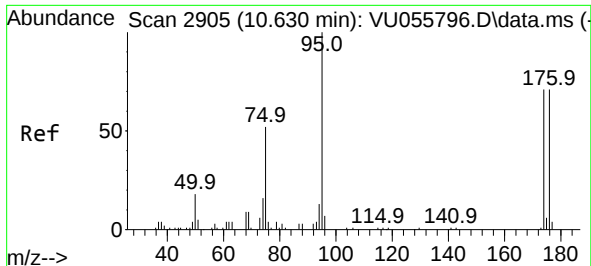
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 10.458 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

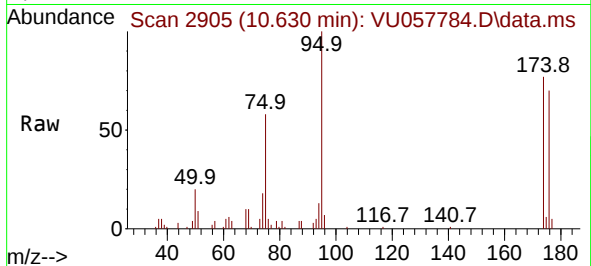
Tgt Ion:107 Resp: 77730
Ion Ratio Lower Upper
107 100
109 93.1 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.264 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

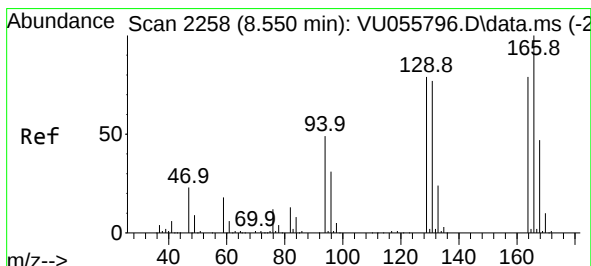
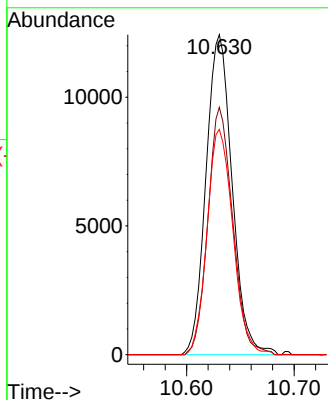
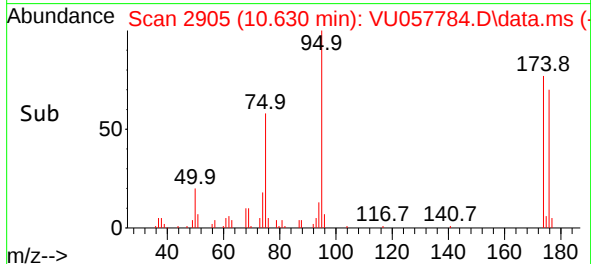
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 20998
Ion Ratio Lower Upper
95 100
174 73.3 63.3 94.9
176 69.7 59.3 88.9

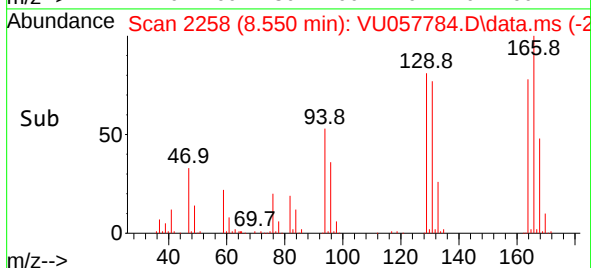
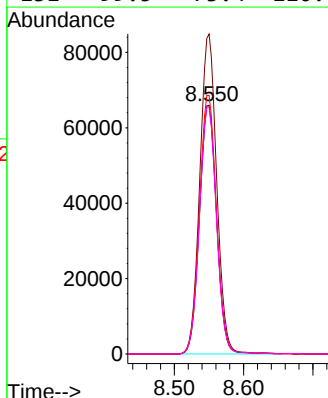
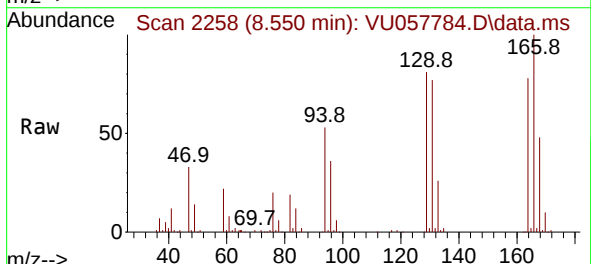
Manual Integrations
APPROVED

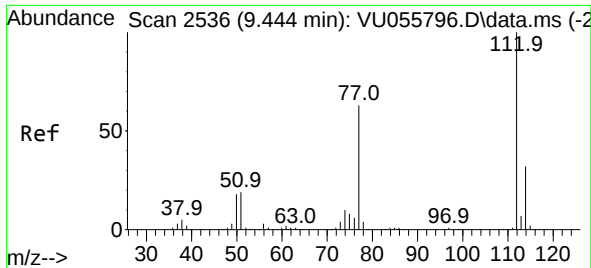
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 9.833 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

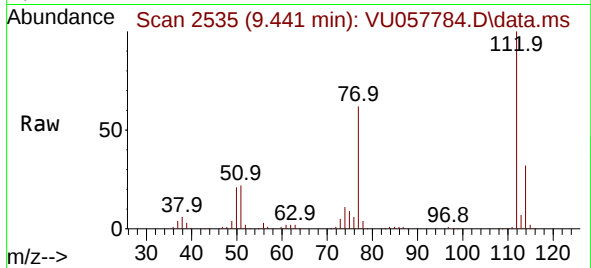
Tgt Ion:164 Resp: 113246
Ion Ratio Lower Upper
164 100
166 128.7 99.6 149.4
129 104.0 78.6 117.8
131 99.5 73.4 110.0





#59
Chlorobenzene
Concen: 10.184 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

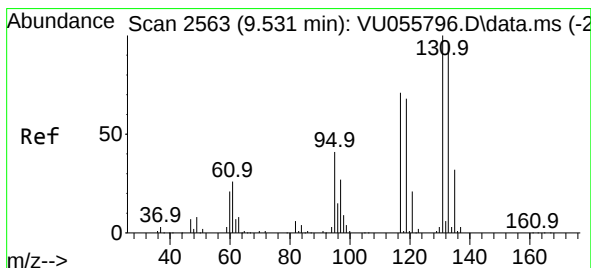
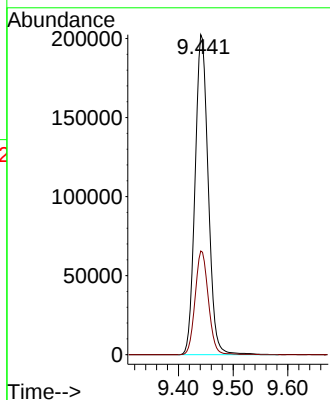
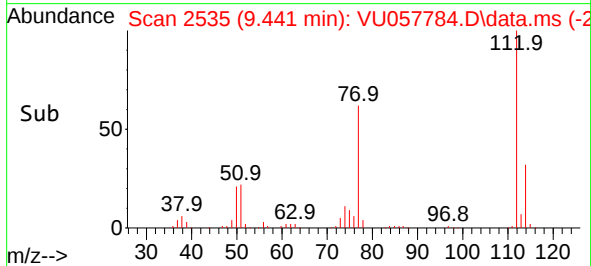
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



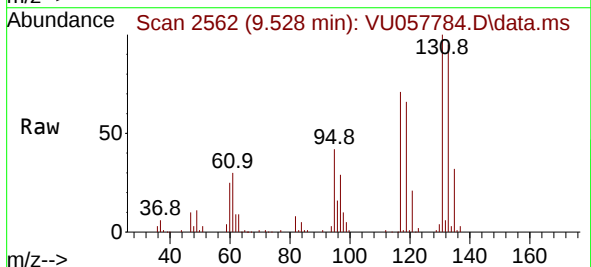
Tgt Ion:112 Resp: 338060
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

Manual Integrations
APPROVED

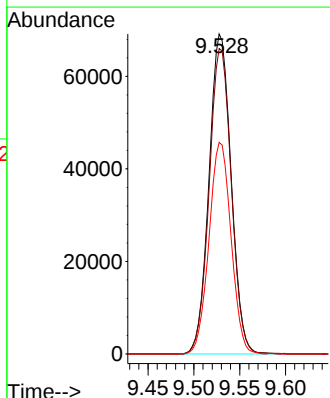
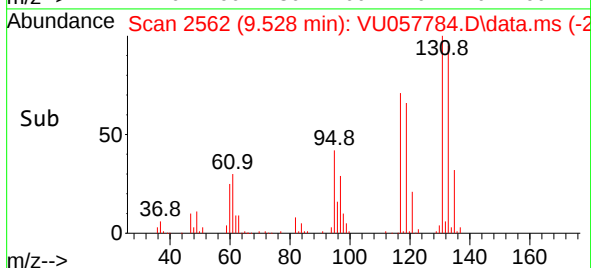
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

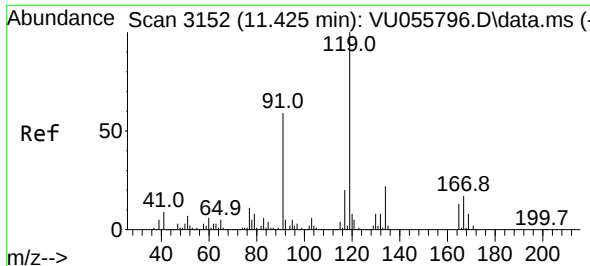


#60
1,1,1,2-Tetrachloroethane
Concen: 10.310 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion:131 Resp: 116185
Ion Ratio Lower Upper
131 100
133 95.6 77.8 116.6
119 65.8 55.2 82.8





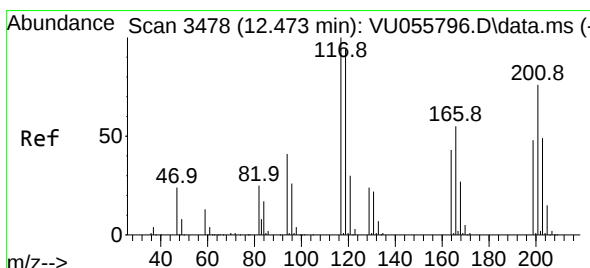
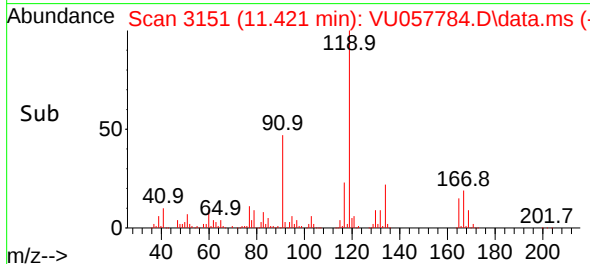
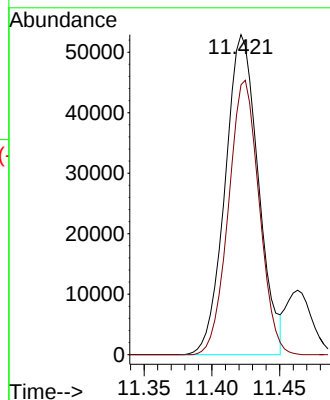
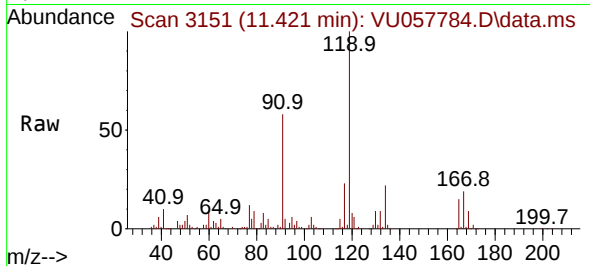
#61
Pentachloroethane
Concen: 11.031 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 9037
Ion Ratio Lower Upper
117 100
167 79.1 56.7 85.1

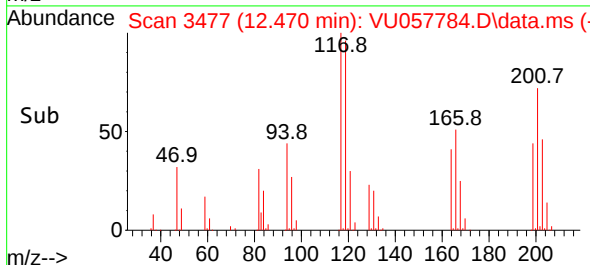
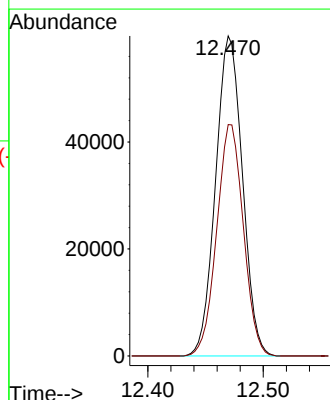
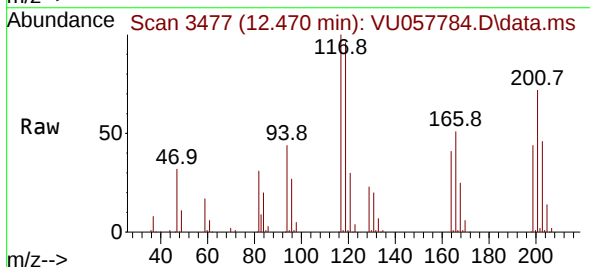
Manual Integrations
APPROVED

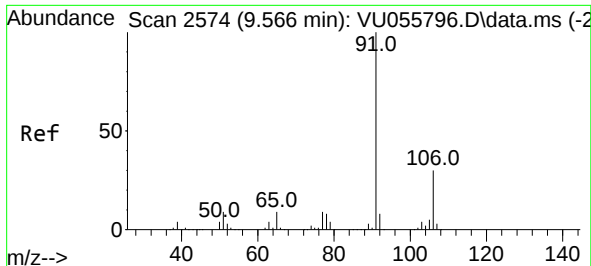
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 8.987 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion:117 Resp: 96656
Ion Ratio Lower Upper
117 100
201 71.7 59.6 89.4





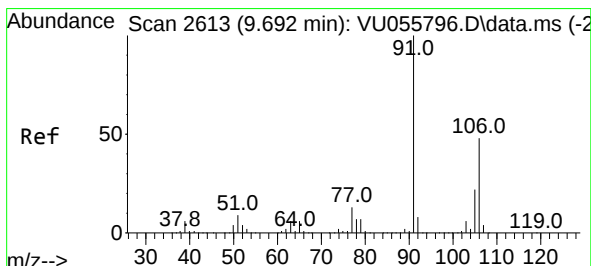
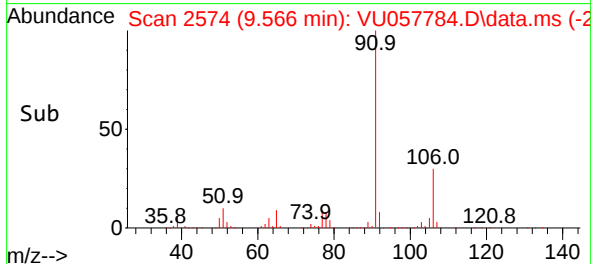
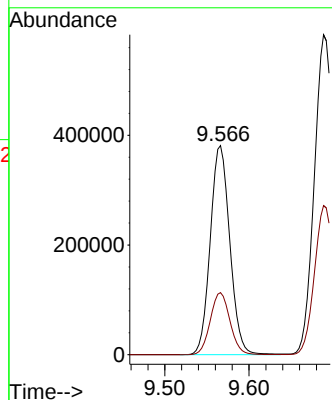
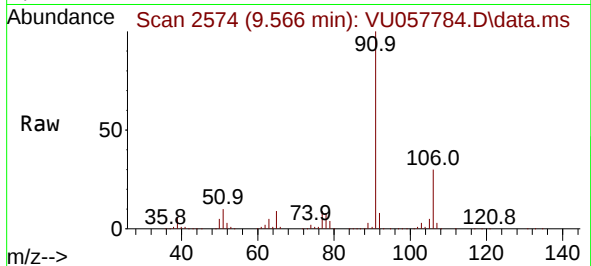
#63
Ethyl Benzene
Concen: 10.415 ug/l
RT: 9.566 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 61488
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

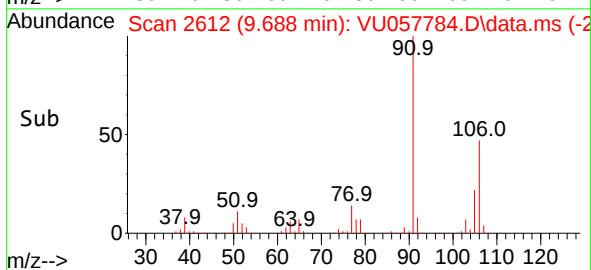
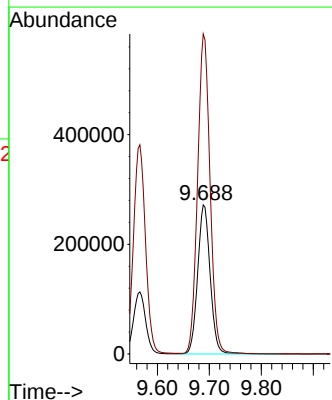
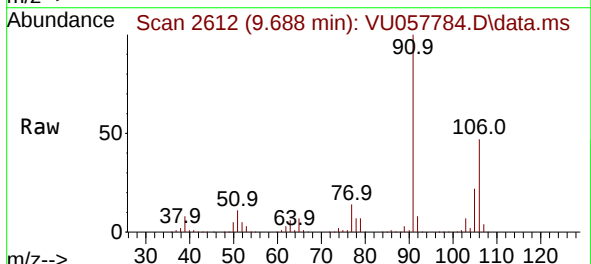
Manual Integrations
APPROVED

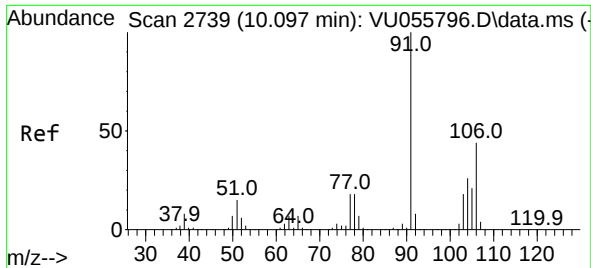
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 21.108 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion:106 Resp: 452587
Ion Ratio Lower Upper
106 100
91 214.8 167.3 250.9





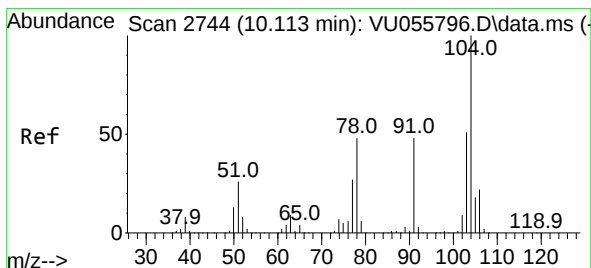
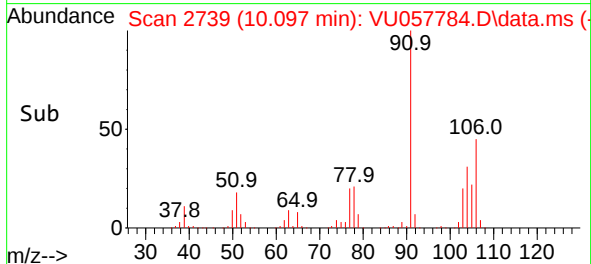
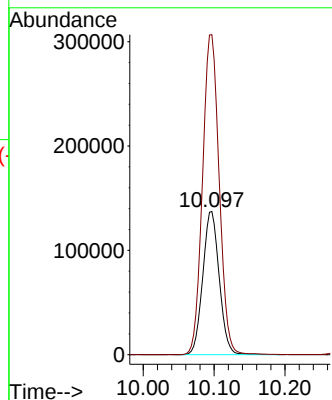
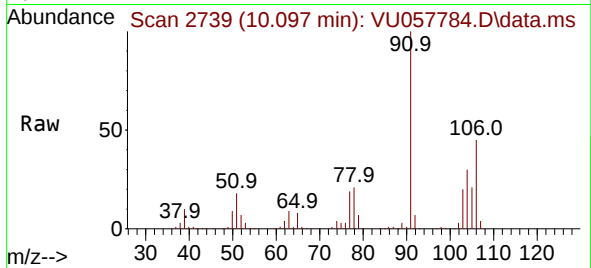
#65
o-Xylene
Concen: 10.425 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 221262
Ion Ratio Lower Upper
106 100
91 226.9 109.3 327.9

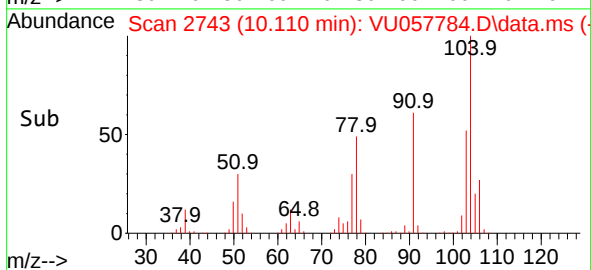
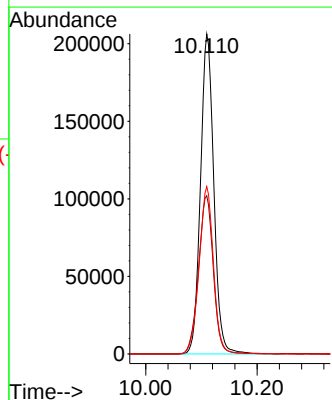
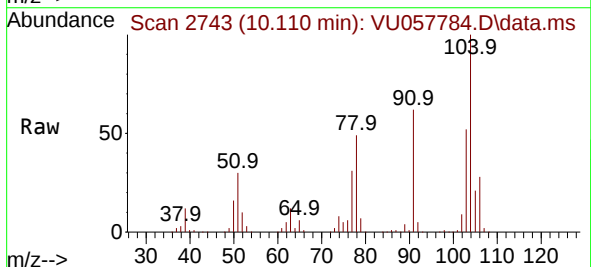
Manual Integrations
APPROVED

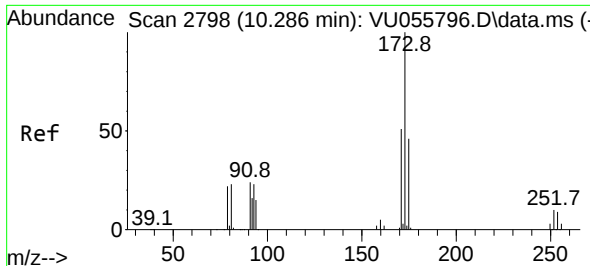
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 10.826 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

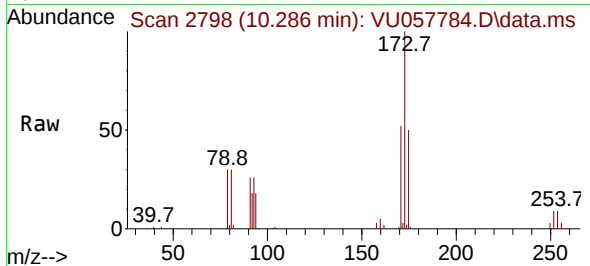
Tgt Ion:104 Resp: 342955
Ion Ratio Lower Upper
104 100
78 55.1 39.7 59.5
103 56.5 44.8 67.2





#67
Bromoform
Concen: 10.440 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

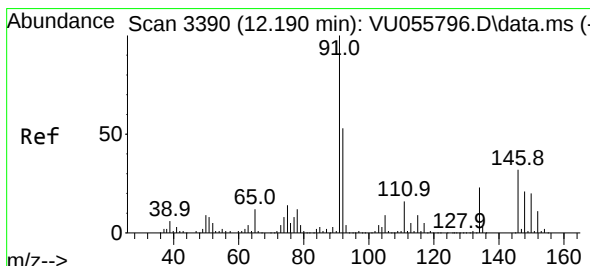
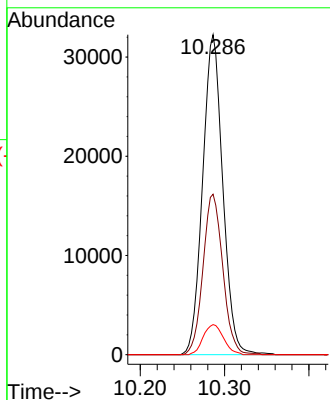
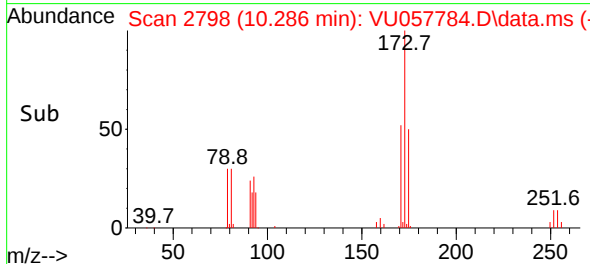
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 53714
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 9.5 7.4 11.0

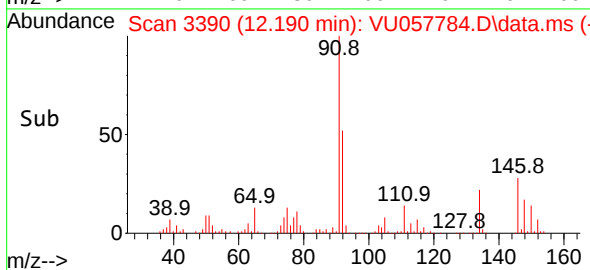
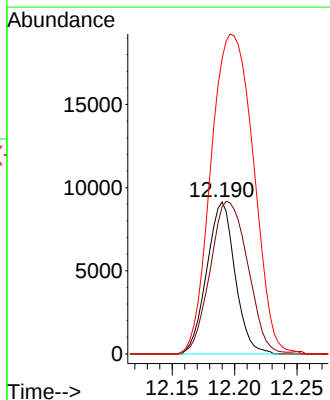
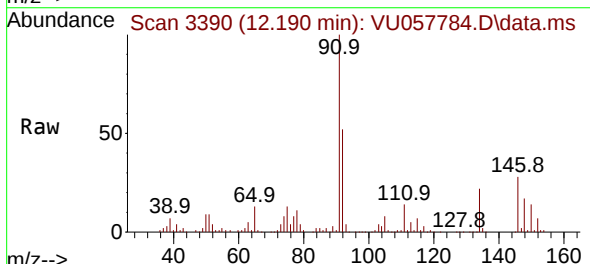
Manual Integrations
APPROVED

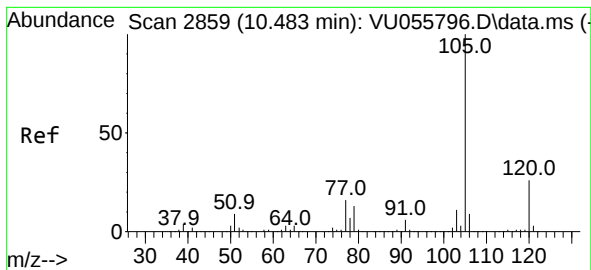
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.963 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion:152 Resp: 14413
Ion Ratio Lower Upper
152 100
115 133.5 0.0 308.8
150 316.2 0.0 635.0





#69

Isopropylbenzene

Concen: 10.608 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 59026

Ion Ratio Lower Upper

105 100

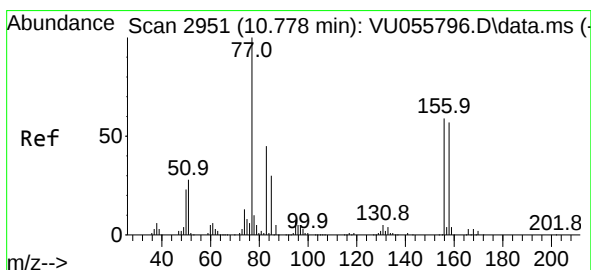
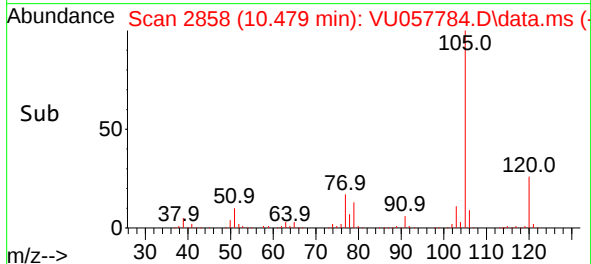
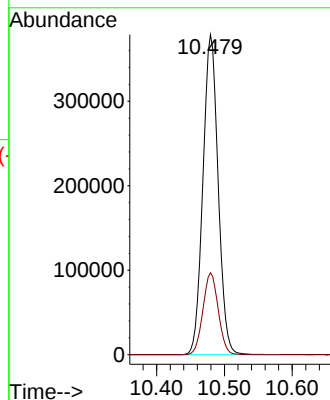
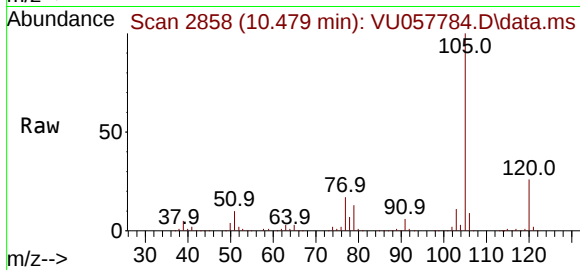
120 25.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 10.042 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

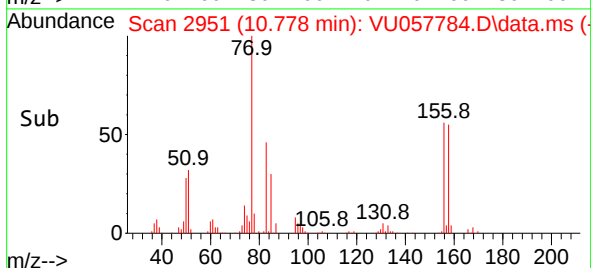
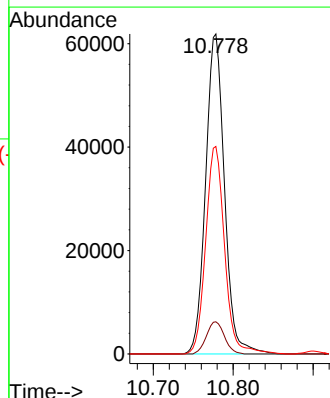
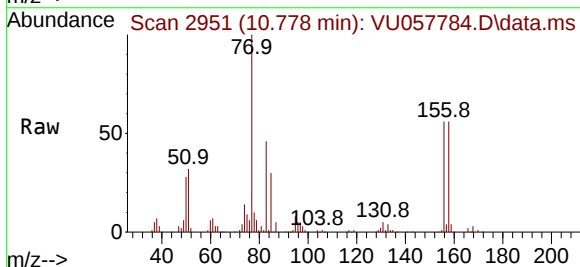
Tgt Ion: 83 Resp: 101636

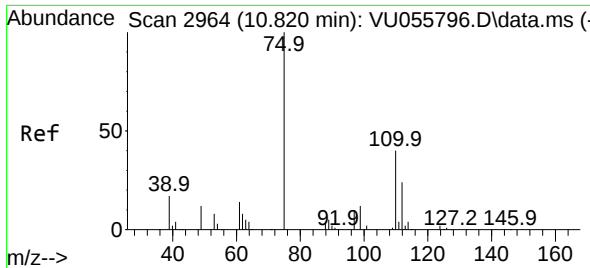
Ion Ratio Lower Upper

83 100

131 9.6 7.2 10.8

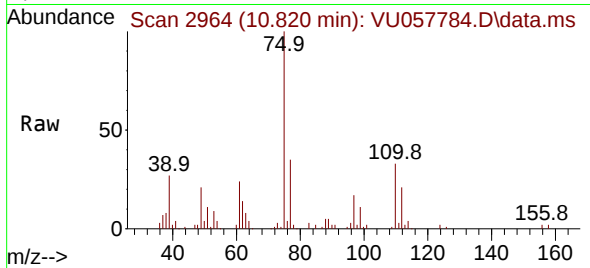
85 65.1 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 9.238 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

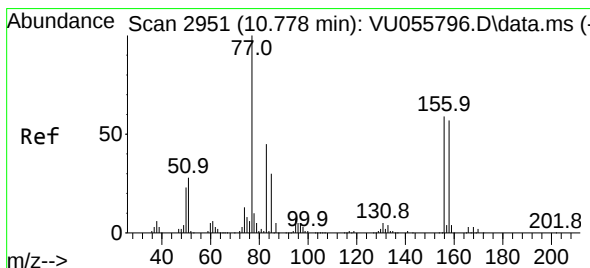
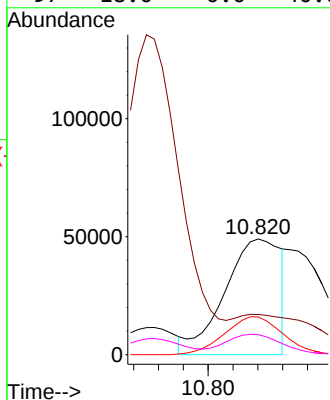
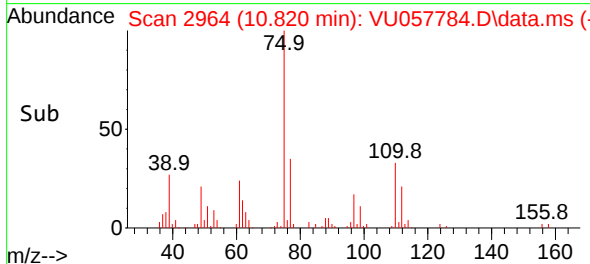
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



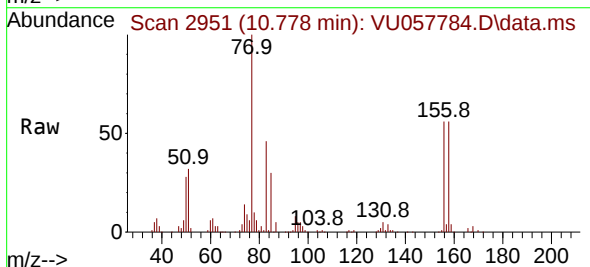
Tgt Ion: 75 Resp: 77199
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 34.1 0.0 74.6
97 18.0 0.0 40.0

Manual Integrations
APPROVED

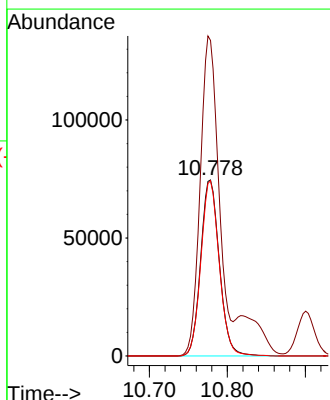
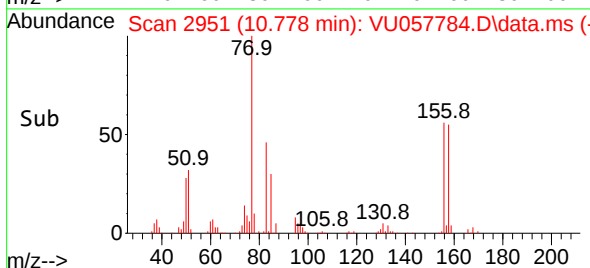
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

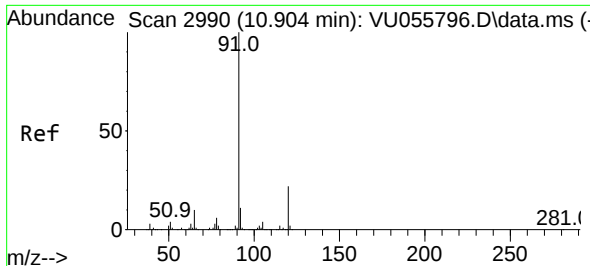


#72
Bromobenzene
Concen: 10.135 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



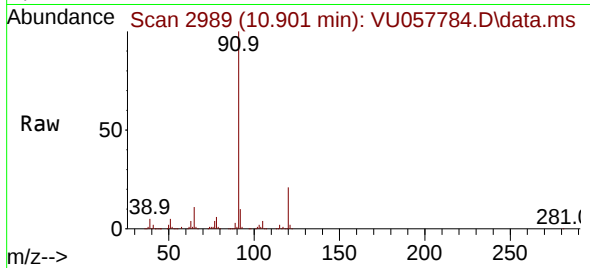
Tgt Ion:156 Resp: 124094
Ion Ratio Lower Upper
156 100
77 180.7 0.0 343.0
158 97.9 0.0 194.8





#73
n-propylbenzene
Concen: 10.689 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

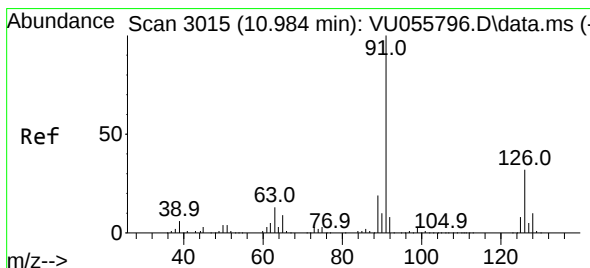
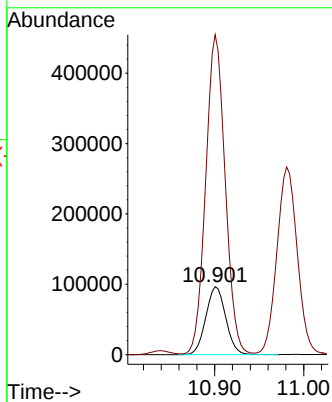
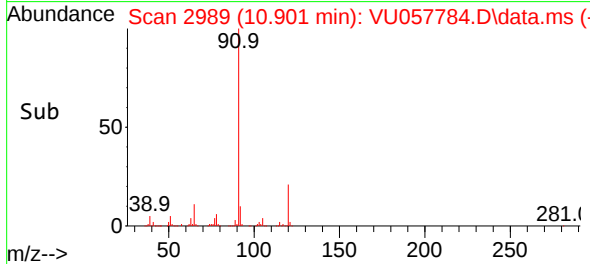
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



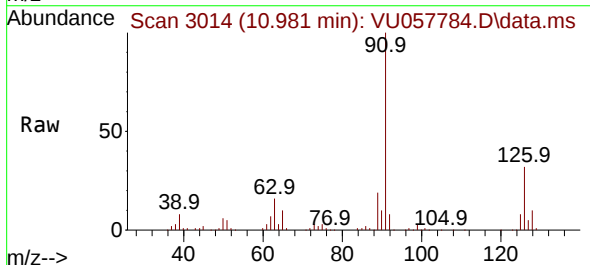
Tgt Ion:120 Resp: 14944
Ion Ratio Lower Upper
120 100
91 459.5 369.8 554.6

Manual Integrations
APPROVED

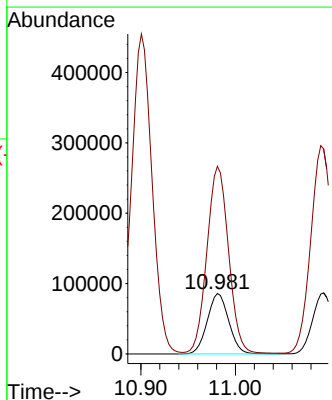
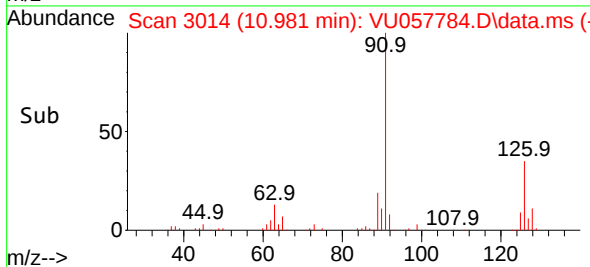
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

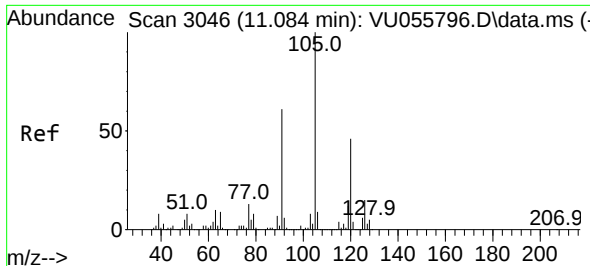


#74
2-Chlorotoluene
Concen: 10.427 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



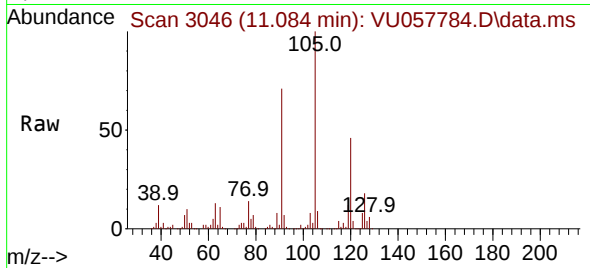
Tgt Ion:126 Resp: 135232
Ion Ratio Lower Upper
126 100
91 312.1 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 10.431 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

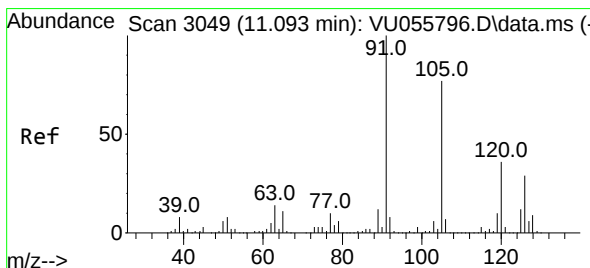
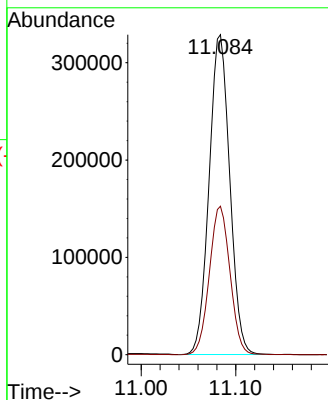
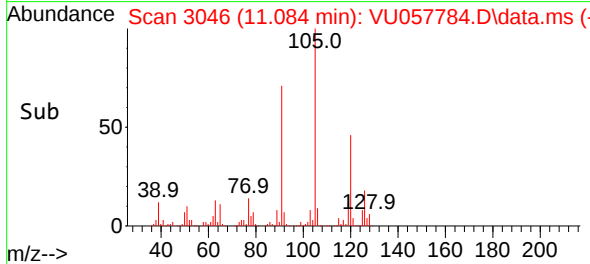
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



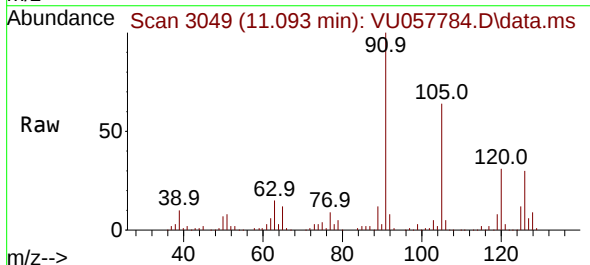
Tgt Ion:105 Resp: 498550
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8

Manual Integrations
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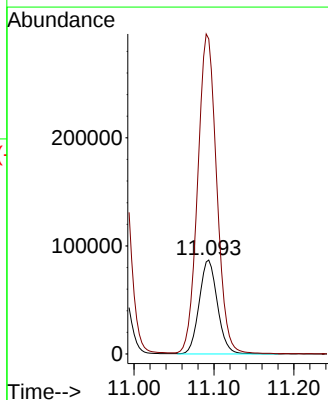
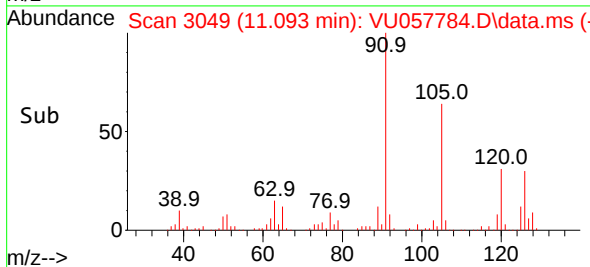
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

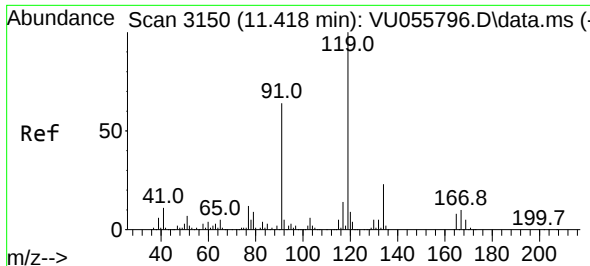


#76
4-Chlorotoluene
Concen: 10.601 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



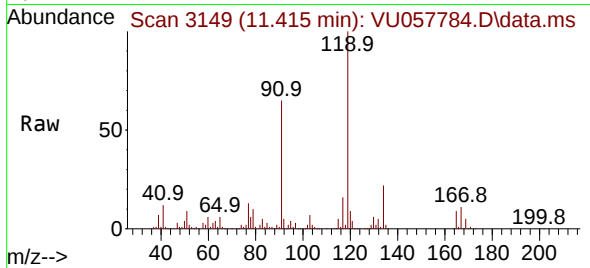
Tgt Ion:126 Resp: 138181
Ion Ratio Lower Upper
126 100
91 354.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.260 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

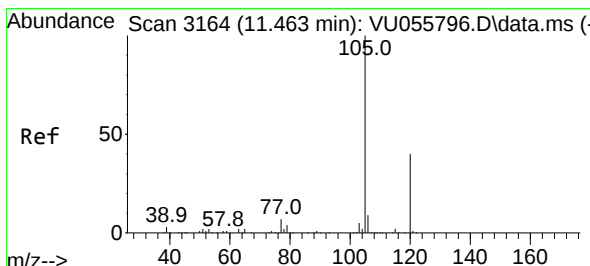
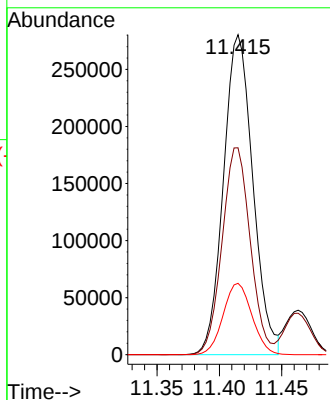
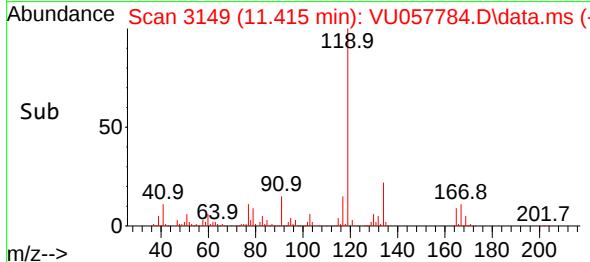
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 460172
Ion Ratio Lower Upper
119 100
91 62.2 30.8 92.4
134 21.9 18.0 27.0

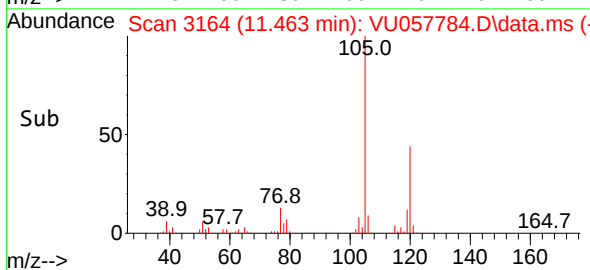
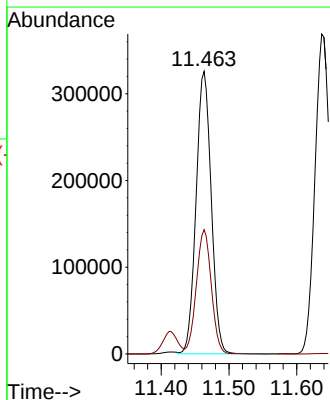
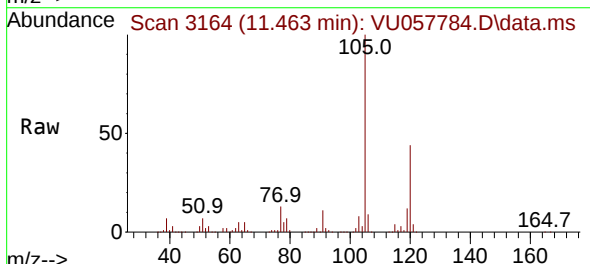
Manual Integrations
APPROVED

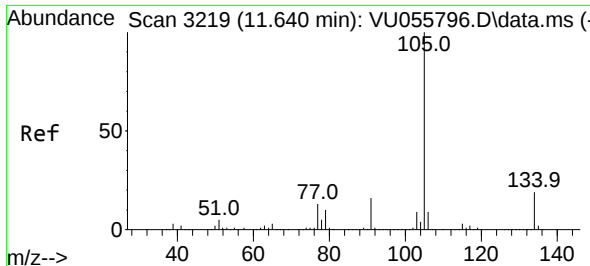
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 10.424 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion:105 Resp: 505297
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





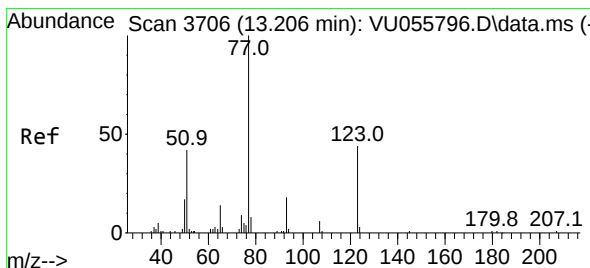
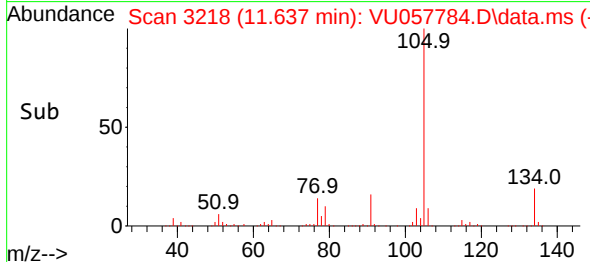
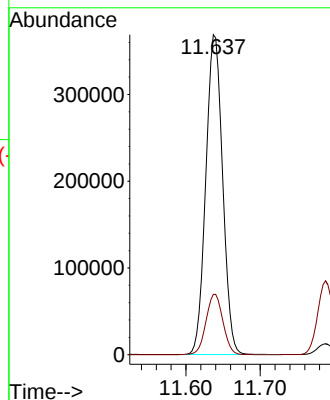
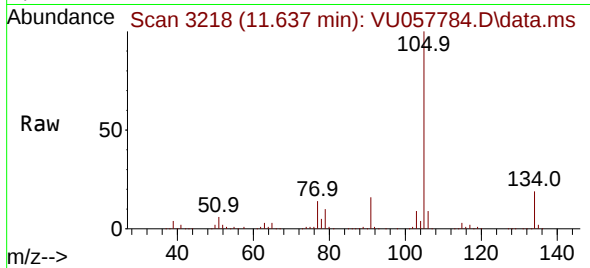
#79
 sec-Butylbenzene
 Concen: 10.090 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057784.D
 Acq: 02 Feb 2024 09:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 578400
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.9 22.3

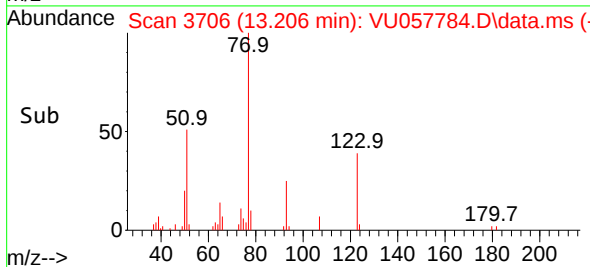
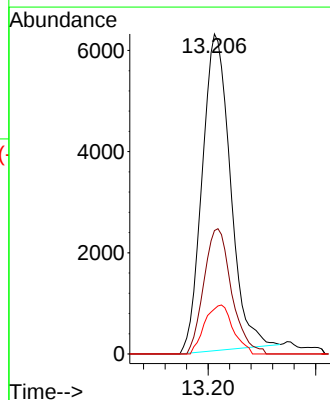
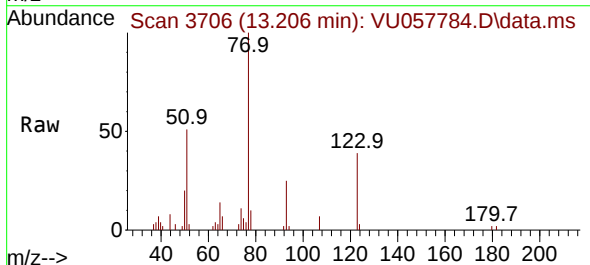
Manual Integrations
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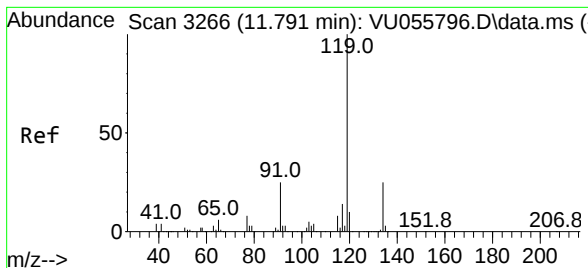
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#80
 Nitrobenzene
 Concen: 44.733 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU057784.D
 Acq: 02 Feb 2024 09:20

Tgt Ion: 77 Resp: 11363
 Ion Ratio Lower Upper
 77 100
 123 39.0 19.7 69.7
 65 15.5 11.5 14.7#





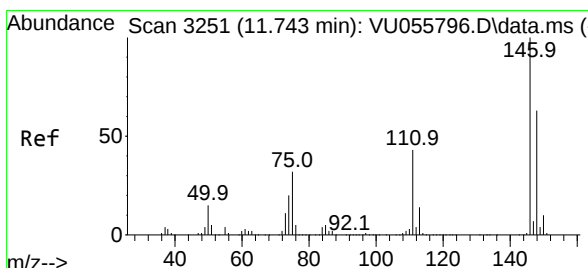
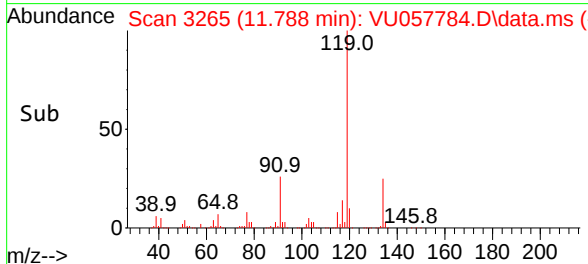
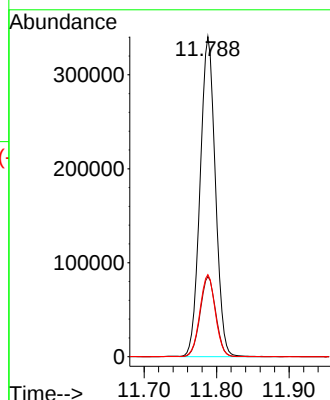
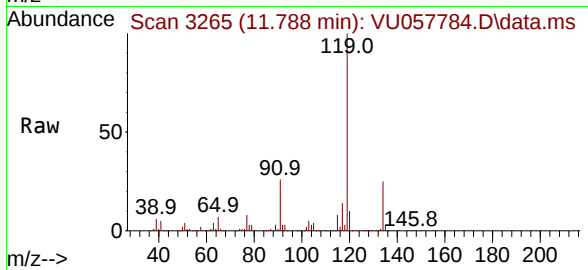
#81
p-Isopropyltoluene
Concen: 10.296 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 49761
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 25.7 19.3 28.9

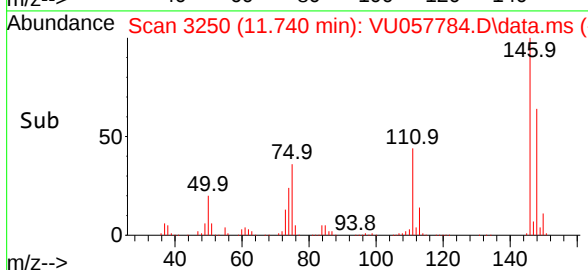
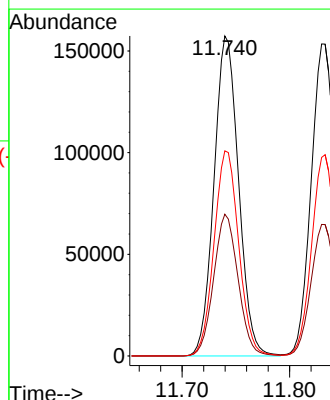
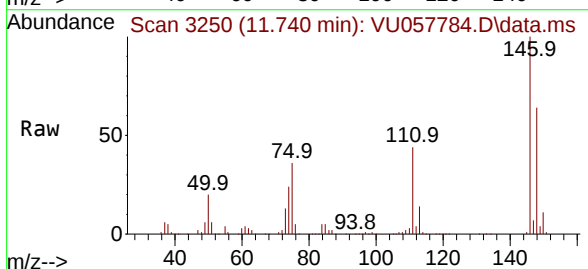
Manual Integrations
APPROVED

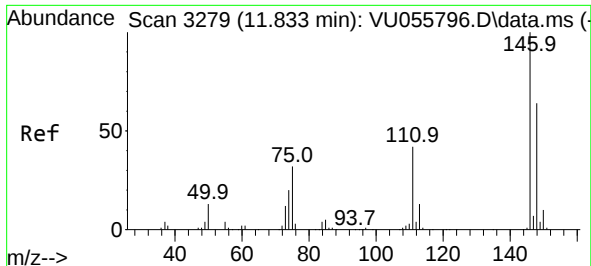
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 10.092 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

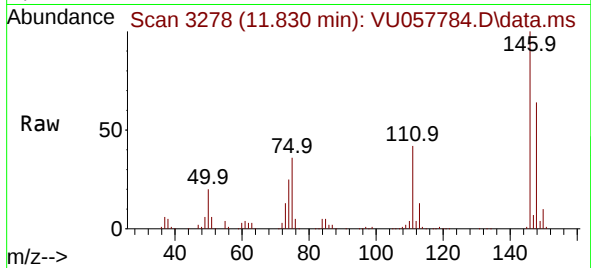
Tgt Ion:146 Resp: 249821
Ion Ratio Lower Upper
146 100
111 44.1 32.6 49.0
148 64.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.223 ug/l
RT: 11.830 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

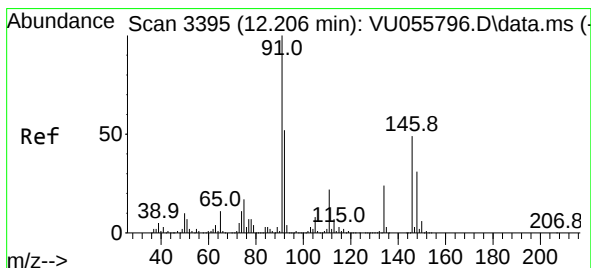
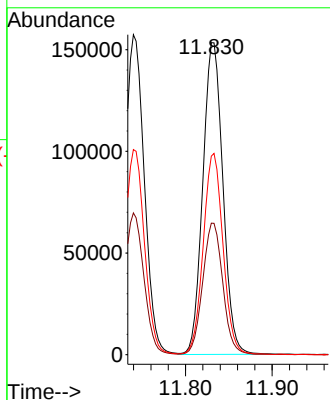
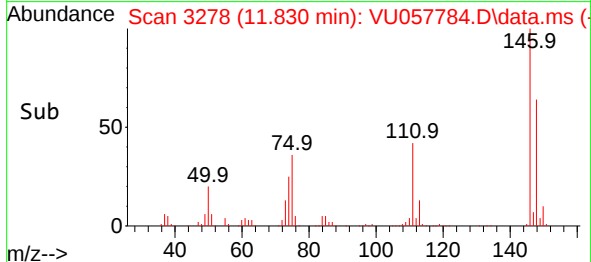
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



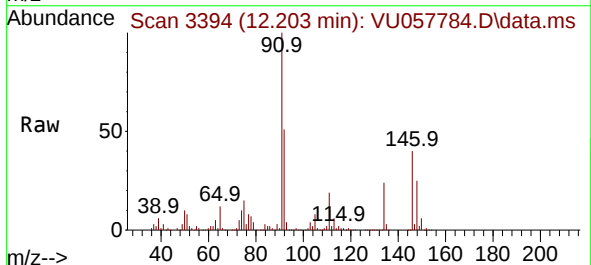
Tgt Ion:146 Resp: 247049
Ion Ratio Lower Upper
146 100
111 41.9 31.6 47.4
148 63.5 50.3 75.5

Manual Integrations
APPROVED

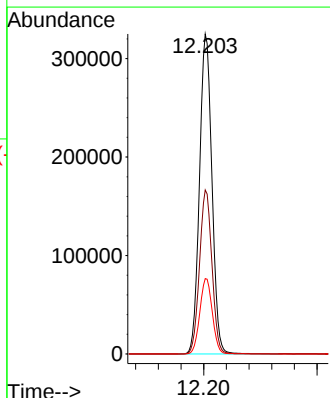
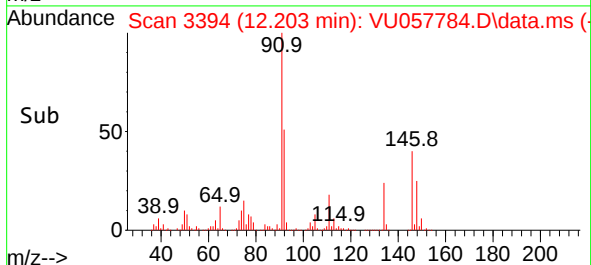
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

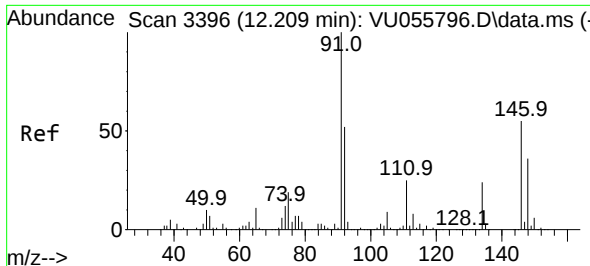


#84
n-Butylbenzene
Concen: 10.685 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion: 91 Resp: 493888
Ion Ratio Lower Upper
91 100
92 51.2 40.8 61.2
134 23.7 18.4 27.6





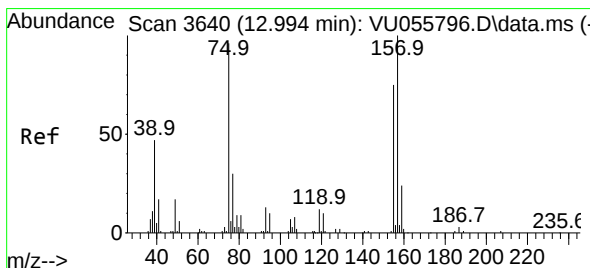
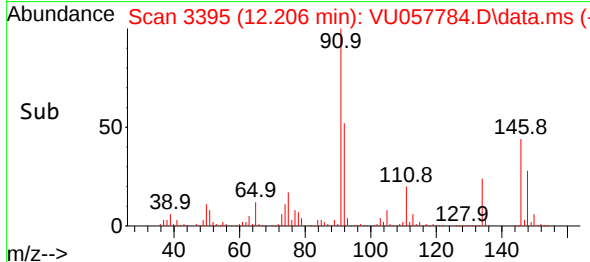
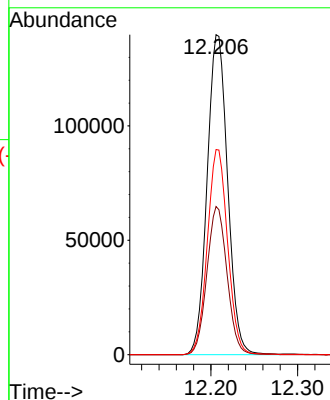
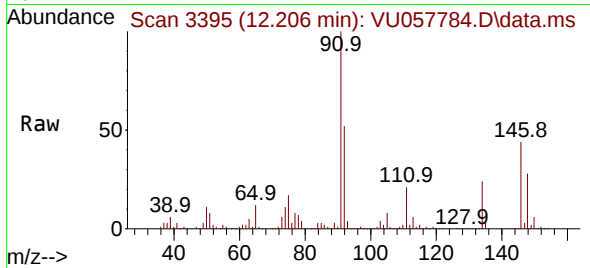
#85
1,2-Dichlorobenzene
Concen: 10.219 ug/l
RT: 12.206 min Scan# 3396
Delta R.T. -0.003 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 229510
Ion Ratio Lower Upper
146 100
111 45.6 21.6 64.6
148 63.7 32.1 96.5

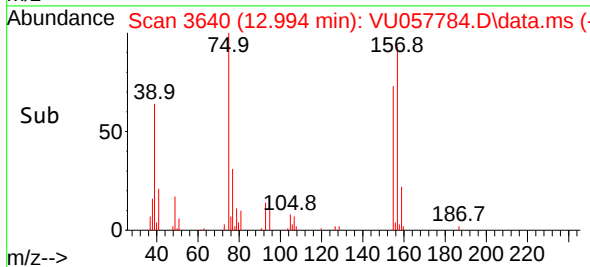
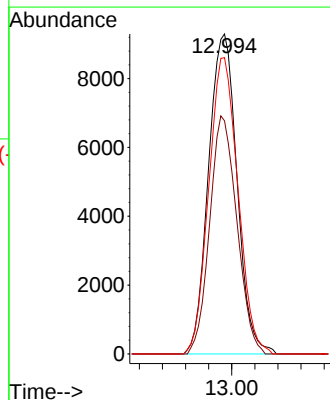
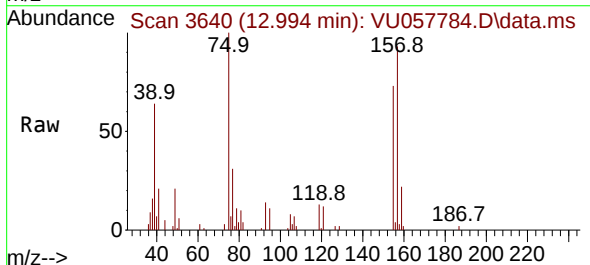
Manual Integrations
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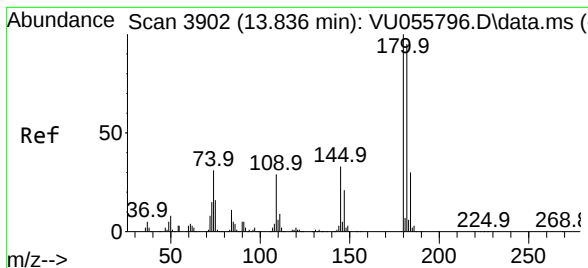
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.641 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

Tgt Ion: 75 Resp: 15925
Ion Ratio Lower Upper
75 100
155 71.0 61.8 92.8
157 94.9 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 10.657 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

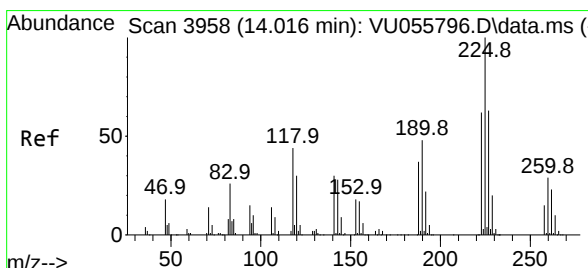
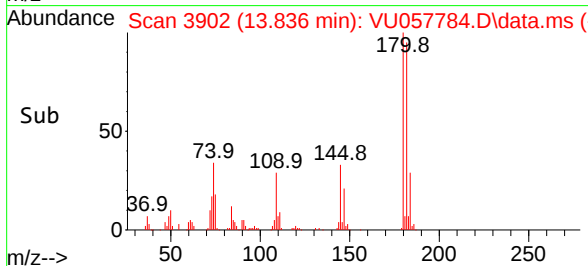
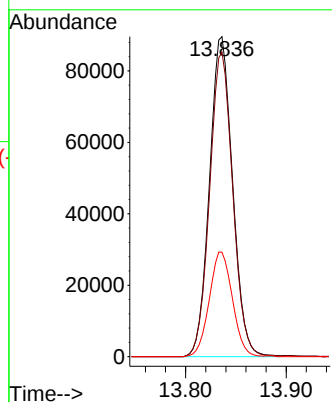
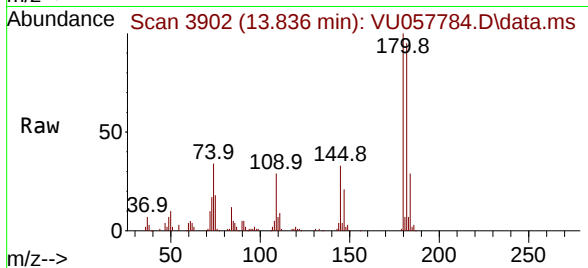
Tgt Ion:180	Resp: 143018
Ion Ratio	Lower Upper
180	100
182	95.2 75.8 113.6
145	32.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#88

Hexachlorobutadiene

Concen: 9.995 ug/l

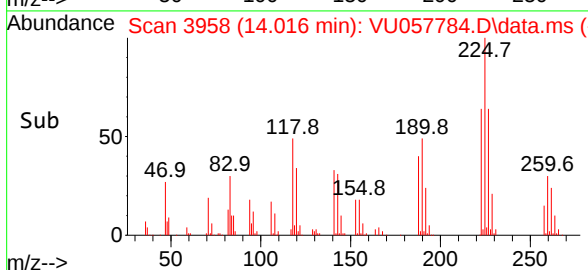
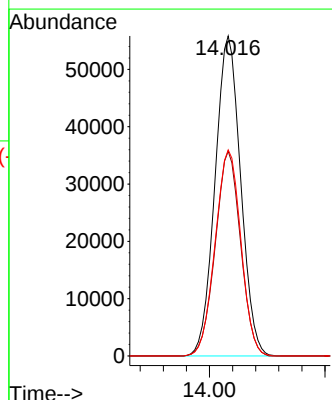
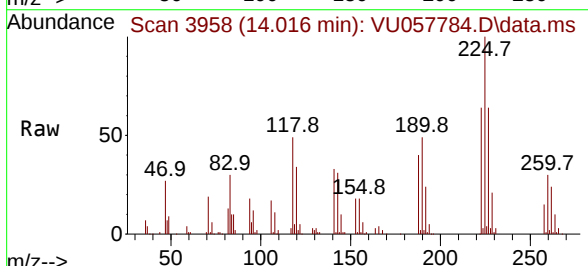
RT: 14.016 min Scan# 3958

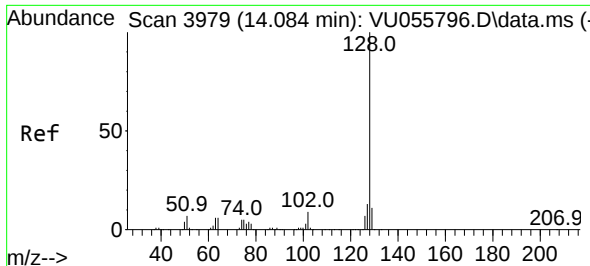
Delta R.T. 0.000 min

Lab File: VU057784.D

Acq: 02 Feb 2024 09:20

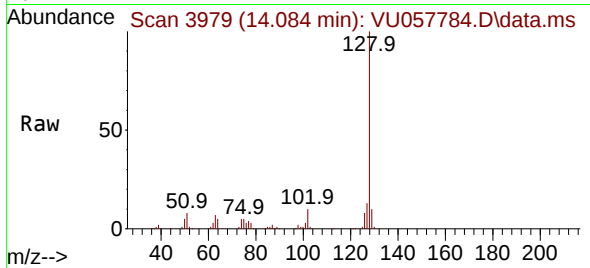
Tgt Ion:225	Resp: 86065
Ion Ratio	Lower Upper
225	100
223	63.1 50.2 75.4
227	64.7 51.5 77.3





#89
Naphthalene
Concen: 9.754 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20

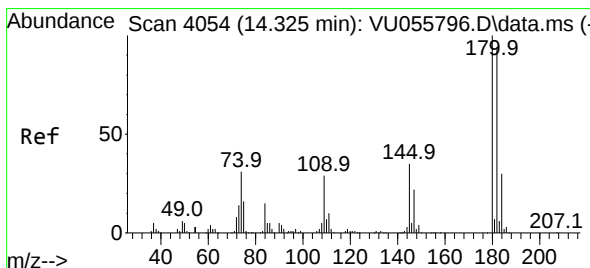
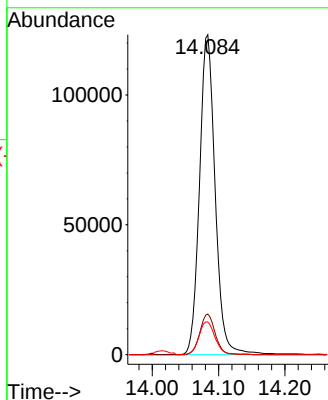
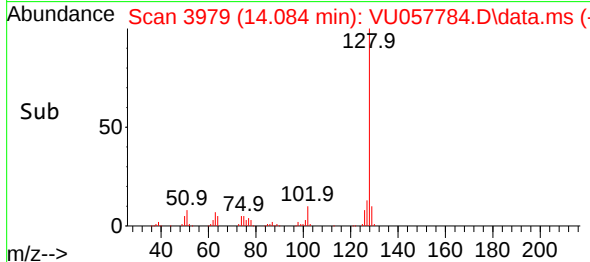
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



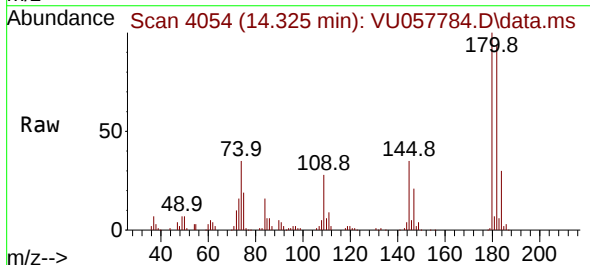
Tgt Ion:128 Resp: 202079
Ion Ratio Lower Upper
128 100
127 12.4 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#90
1,2,3-Trichlorobenzene
Concen: 10.002 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057784.D
Acq: 02 Feb 2024 09:20



Tgt Ion:180 Resp: 111674
Ion Ratio Lower Upper
180 100
182 94.1 75.7 113.5
145 34.2 26.1 39.1

