

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
 Data File : VU055817.D
 Acq On : 19 Oct 2023 18:29
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 20 01:37:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 03:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	99297	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	39997	1.021	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	38273	1.054	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	347779	9.019	ug/l	100
3) Chloromethane	1.518	50	334011	10.135	ug/l	99
4) Vinyl Chloride	1.602	62	349863	10.359	ug/l	100
5) Bromomethane	1.856	94	207102	11.141	ug/l	100
6) Chloroethane	1.930	64	195287	11.938	ug/l	99
7) Trichlorofluoromethane	2.136	101	473266	10.625	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	285980	9.632	ug/l	96
9) 1,1-Dichloroethene	2.576	96	264311	9.544	ug/l	94
10) Iodomethane	2.718	142	426764	10.341	ug/l	96
11) Allyl Chloride	2.920	41	356933	9.914	ug/l	98
12) Acrylonitrile	3.319	53	106581	20.480	ug/l	96
13) Acetone	2.637	43	384181	34.603	ug/l	98
14) Carbon Disulfide	2.788	76	839755	9.288	ug/l	99
15) Methylene Chloride	3.039	84	307179	9.403	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	287752	9.803	ug/l	96
17) 1,1-Dichloroethane	3.865	63	531690	9.740	ug/l	100
18) 2-Butanone	4.705	43	452098	37.795	ug/l	99
19) Cyclohexane	5.383	56	475754m	10.216	ug/l	
20) Methylcyclohexane	6.759	83	498438	10.302	ug/l	98
21) 2,2-Dichloropropane	4.660	77	427229	9.294	ug/l	100
22) cis-1,2-Dichloroethene	4.663	96	311830	9.967	ug/l	99
23) Diethyl Ether	2.373	59	190719	11.519	ug/l	97
24) tert-Butyl Alcohol	3.226	59	177007m	104.237	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	610045	10.236	ug/l	99
26) Bromochloromethane	4.968	128	130423	9.836	ug/l	98
27) Chloroform	5.081	83	548717	9.795	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	488925	9.738	ug/l	98
29) 1,1-Dichloropropene	5.521	75	401541	10.097	ug/l	99
30) Carbon Tetrachloride	5.521	117	424372	9.682	ug/l	99
31) Isopropyl Ether	3.984	45	769125	10.487	ug/l	95
32) Ethyl-t-butyl ether	4.496	59	736380	10.401	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	630859	10.398	ug/l	97
34) Propionitrile	4.785	54	103642	54.768	ug/l	# 12
35) Benzene	5.769	78	1170676	9.718	ug/l	100
36) 1,2-Dichloroethane	5.788	62	334934	10.238	ug/l	100
37) Trichloroethene	6.537	130	302530	9.653	ug/l	100
38) 1,2-Dichloropropane	6.785	63	307254	9.767	ug/l	99
39) Methacrylonitrile	4.968	41	80336	11.385	ug/l	97
40) Methyl acrylate	4.843	55	136492	9.181	ug/l	99
41) Tetrahydrofuran	5.055	42	80274	20.076	ug/l	96
42) 1-Chlorobutane	5.454	56	546145	10.301	ug/l	98
43) Dibromomethane	6.914	93	147378	9.857	ug/l	99
44) Bromodichloromethane	7.100	83	396768	10.041	ug/l	99

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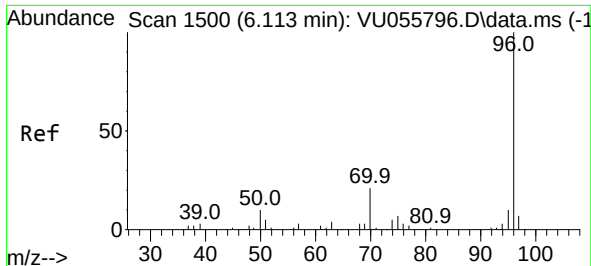
Manual Integrations
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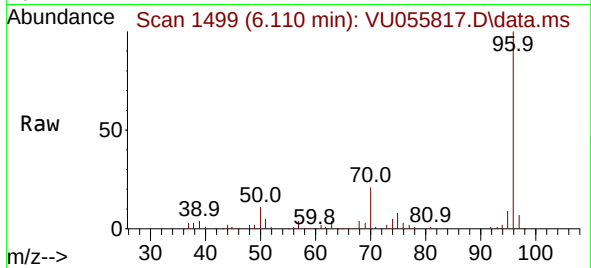
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	782850	50.627	ug/l	98
46) t-1,4-Dichloro-2-butene	10.830	75	119585m	19.440	ug/l	
47) Methyl methacrylate	6.955	69	269195	21.825	ug/l	98
48) Ethyl methacrylate	8.328	69	258102	9.064	ug/l	98
49) Toluene	7.965	92	739213	10.369	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	358559	10.254	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	432017	10.095	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	208006	9.740	ug/l	98
53) 1,3-Dichloropropane	8.569	76	363718	9.965	ug/l	100
54) 2-Hexanone	8.682	43	639725	36.928	ug/l	98
55) Dibromochloromethane	8.804	129	255034	9.894	ug/l	100
56) 1,2-Dibromoethane	8.920	107	196187	10.054	ug/l	99
58) Tetrachloroethene	8.550	164	301327	9.246	ug/l	95
59) Chlorobenzene	9.444	112	791992	10.058	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	272943	9.726	ug/l	97
61) Pentachloroethane	11.421	117	192757	10.149	ug/l	93
62) Hexachloroethane	12.470	117	209883	8.994	ug/l	100
63) Ethyl Benzene	9.566	91	1419002	10.619	ug/l	99
64) m/p-Xylenes	9.688	106	1087388	21.169	ug/l	98
65) o-Xylene	10.097	106	530682	10.529	ug/l	97
66) Styrene	10.110	104	862328	10.940	ug/l	97
67) Bromoform	10.286	173	136491	9.858	ug/l	99
69) Isopropylbenzene	10.479	105	1393058	10.736	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	250757	10.041	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	211277m	10.207	ug/l	
72) Bromobenzene	10.778	156	311309	10.054	ug/l	99
73) n-propylbenzene	10.900	120	379638	9.228	ug/l	95
74) 2-Chlorotoluene	10.981	126	319578	10.274	ug/l	93
75) 1,3,5-Trimethylbenzene	11.084	105	1218548	9.145	ug/l	99
76) 4-Chlorotoluene	11.093	126	332348	10.484	ug/l	92
77) tert-Butylbenzene	11.415	119	1119341	9.119	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	1225138	9.150	ug/l	99
79) sec-Butylbenzene	11.640	105	1464766	9.078	ug/l	99
80) Nitrobenzene	13.206	77	36528m	42.660	ug/l	
81) p-Isopropyltoluene	11.788	119	1182727	8.987	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	642933	10.173	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	634515	10.374	ug/l	98
84) n-Butylbenzene	12.203	91	971783	8.691	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	597723	10.349	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	40725	11.423	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	353976	9.238	ug/l	98
88) Hexachlorobutadiene	14.016	225	215490	9.888	ug/l	99
89) Naphthalene	14.084	128	521898	8.771	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	303762	9.154	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU055817.D
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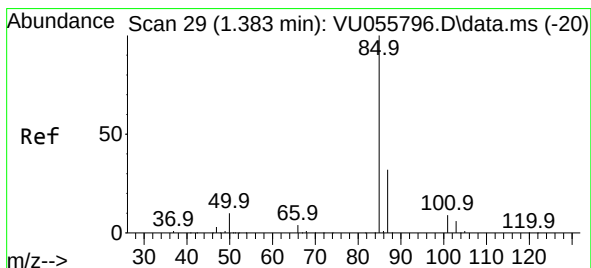
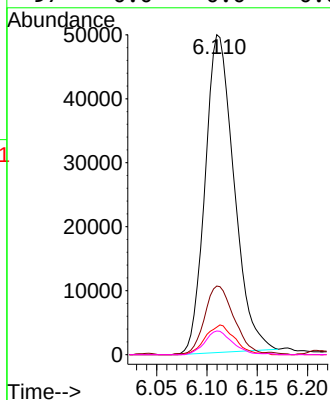
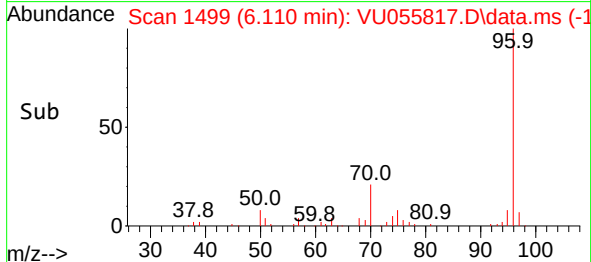
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 9929
Ion Ratio Lower Upper
96 100
70 21.1 16.5 24.7
95 9.5 7.4 11.0
97 0.0 0.0 0.0

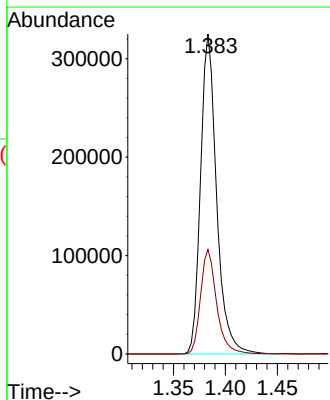
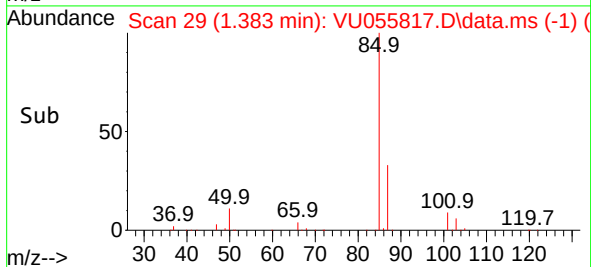
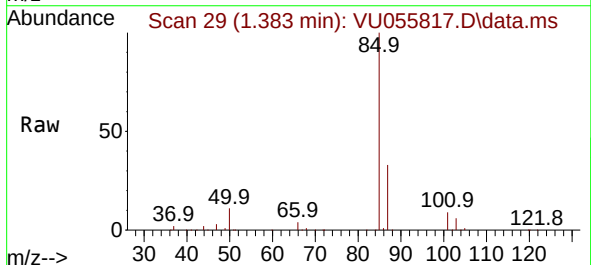
Manual Integrations
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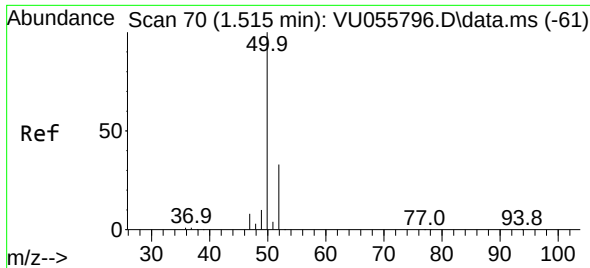
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#2
Dichlorodifluoromethane
Concen: 9.019 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion: 85 Resp: 347779
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





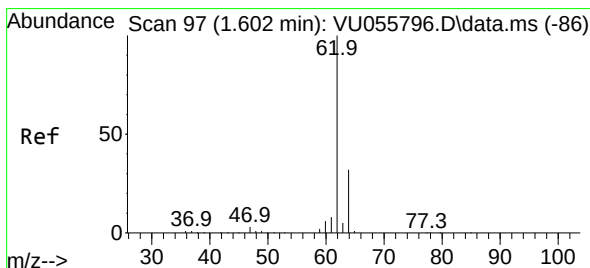
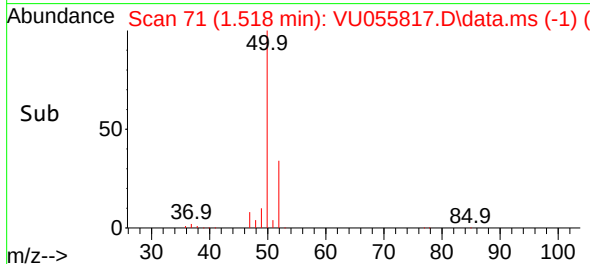
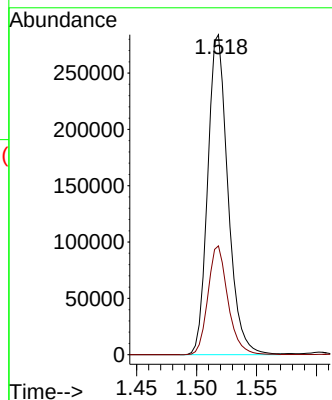
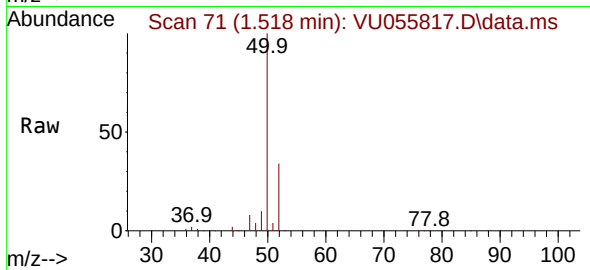
#3
Chloromethane
Concen: 10.135 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 50 Resp: 33401
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0

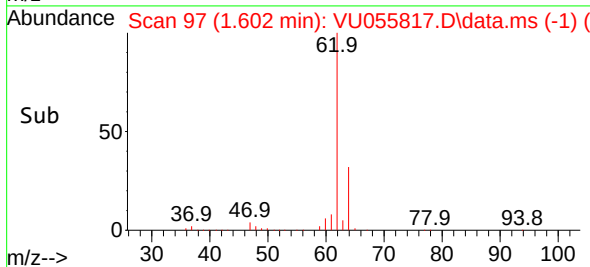
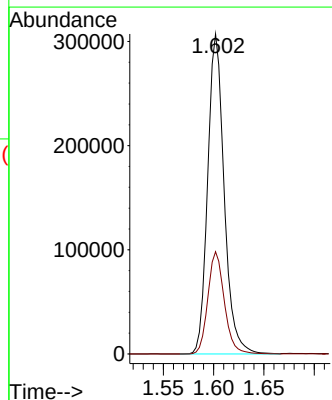
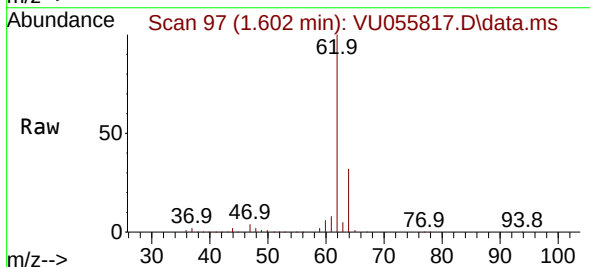
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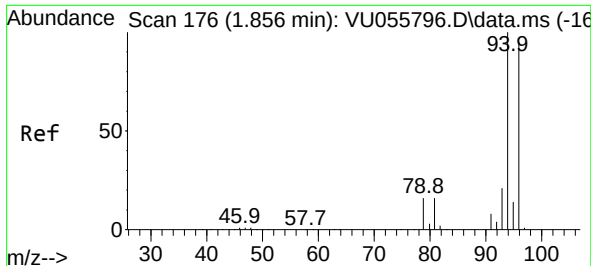
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#4
Vinyl Chloride
Concen: 10.359 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

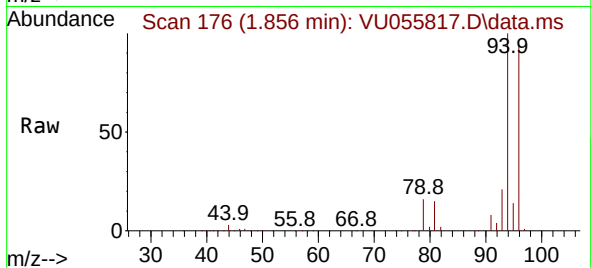
Tgt Ion: 62 Resp: 349863
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 11.141 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

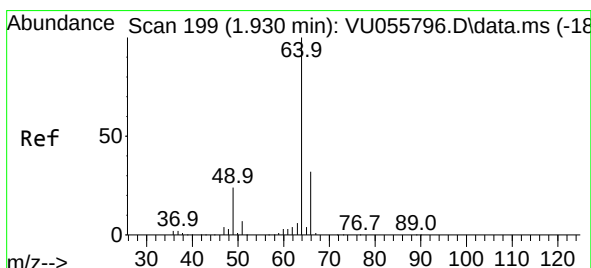
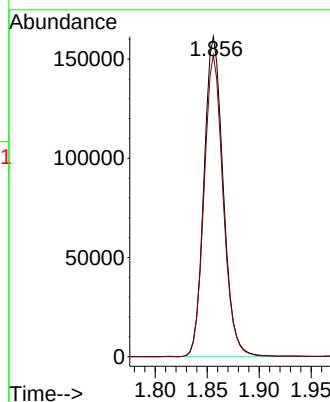
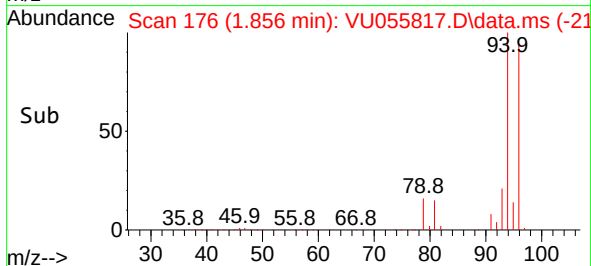
Instrument :
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Tgt Ion: 94 Resp: 207102
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

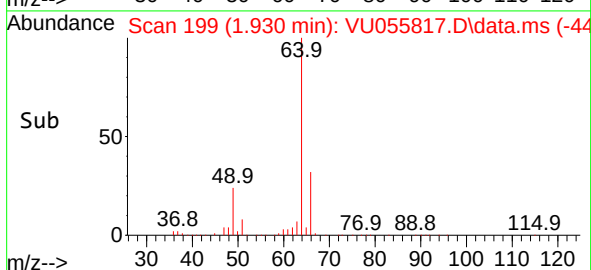
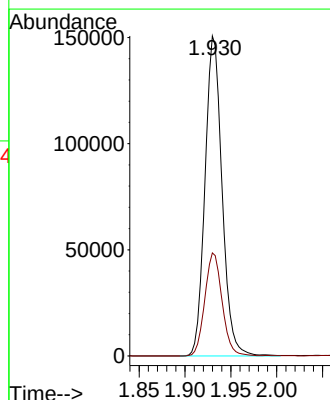
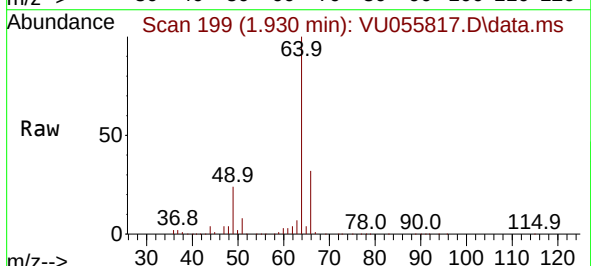
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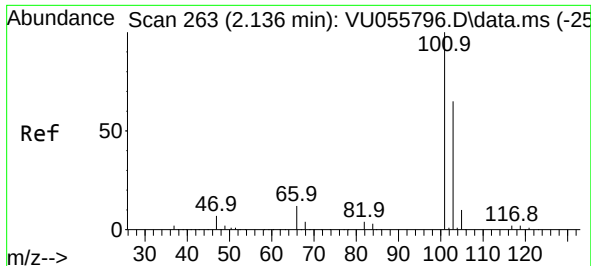
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#6
Chloroethane
Concen: 11.938 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

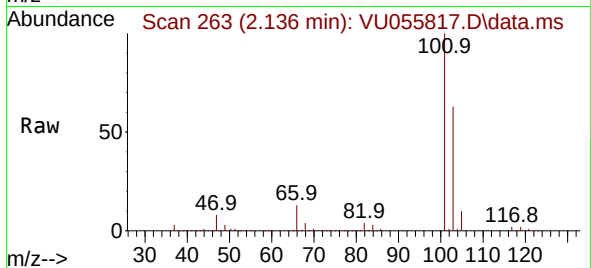
Tgt Ion: 64 Resp: 195287
Ion Ratio Lower Upper
64 100
66 32.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 10.625 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

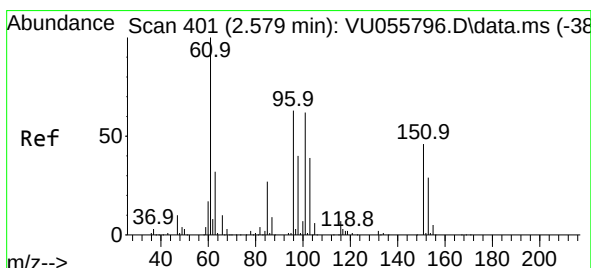
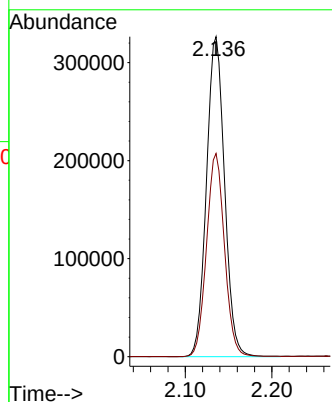
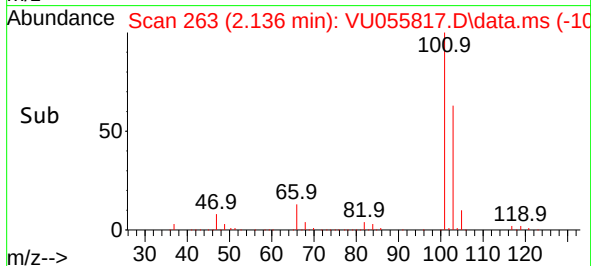
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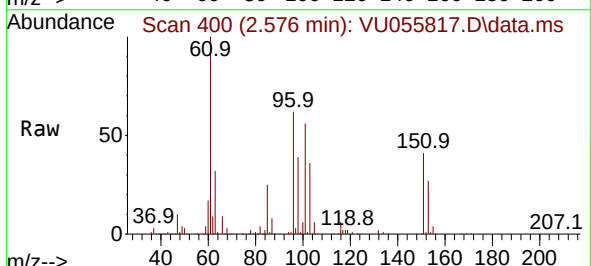
Tgt Ion:101 Resp: 473260
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

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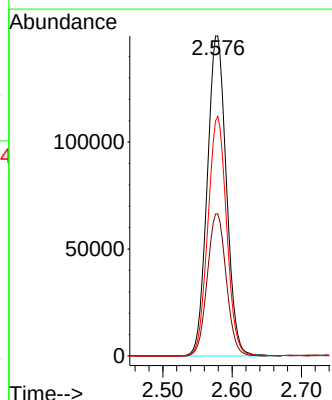
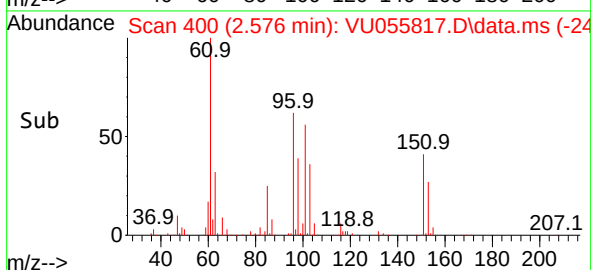
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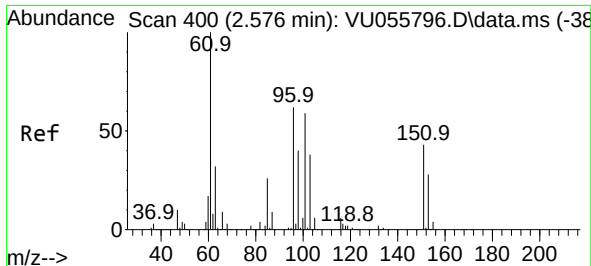


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.632 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



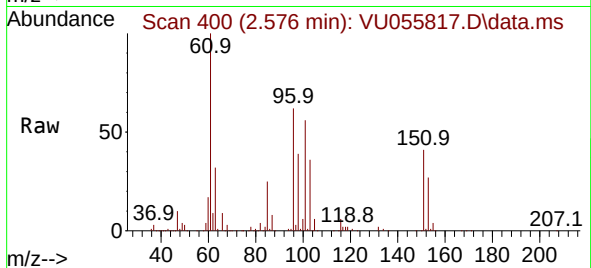
Tgt Ion:101 Resp: 285980
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 73.2 54.0 81.0





#9
1,1-Dichloroethene
Concen: 9.544 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

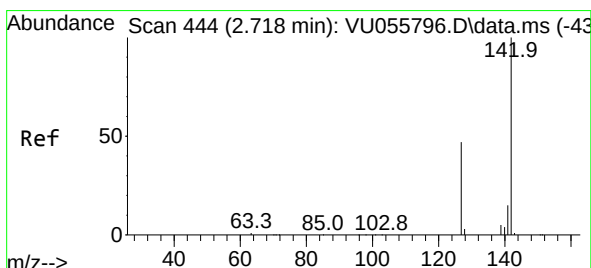
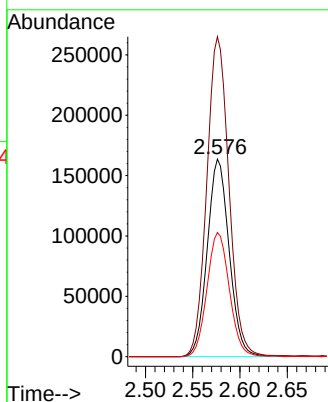
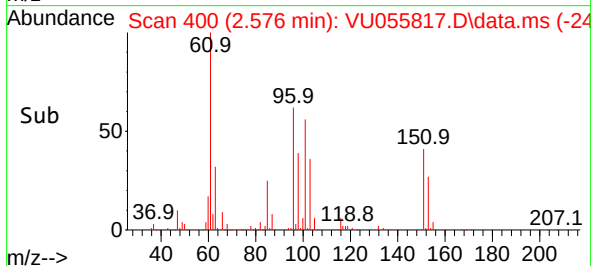
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VSTDCCC010EC



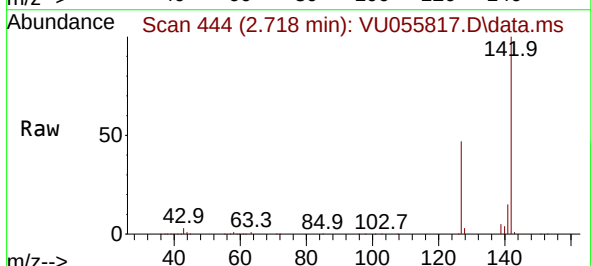
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Ion Ratio Lower Upper
96 100
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98 62.8 0.0 125.8

Manual Integrations
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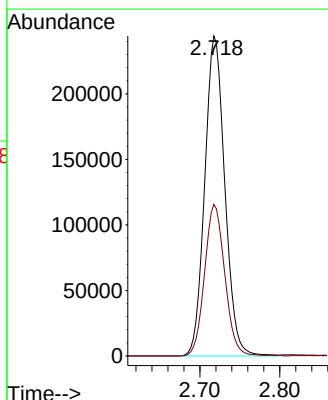
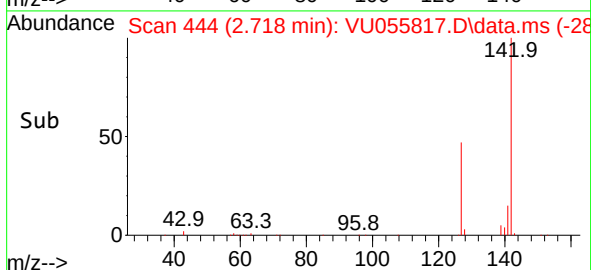
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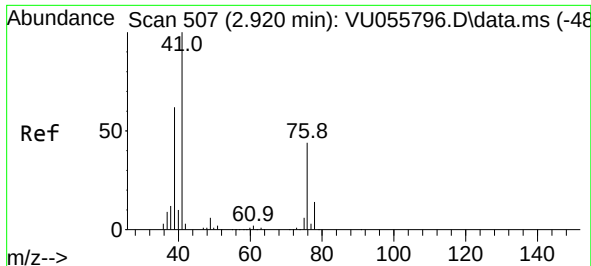


#10
Iodomethane
Concen: 10.341 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion:142 Resp: 426764
Ion Ratio Lower Upper
142 100
127 47.7 35.9 53.9





#11

Allyl Chloride

Concen: 9.914 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 35693

Ion Ratio Lower Upper

41 100

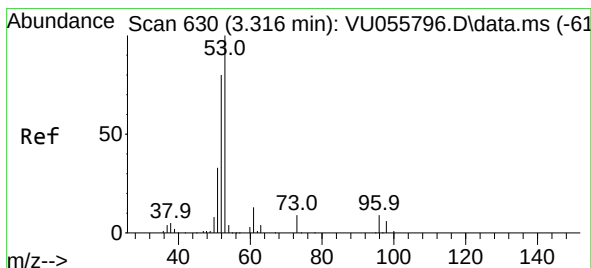
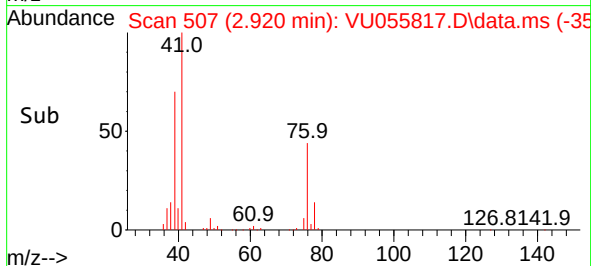
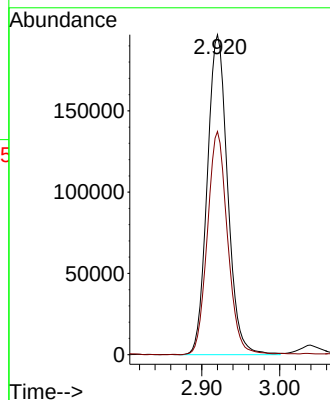
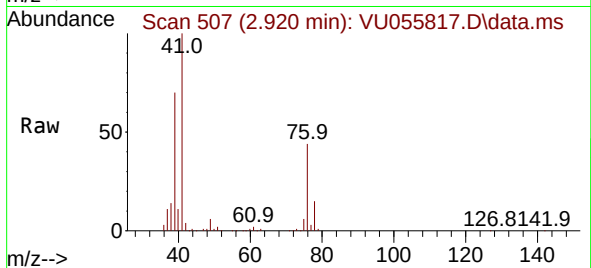
39 69.2 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#12

Acrylonitrile

Concen: 20.480 ug/l

RT: 3.319 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

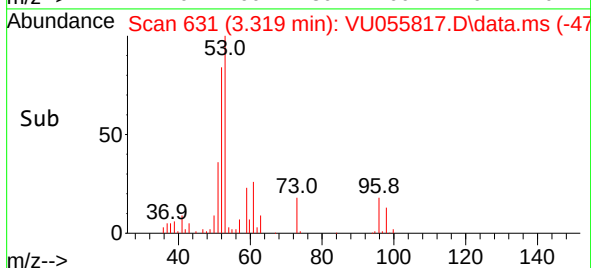
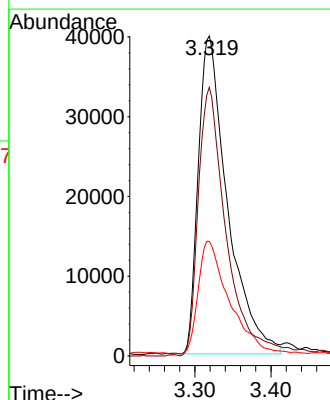
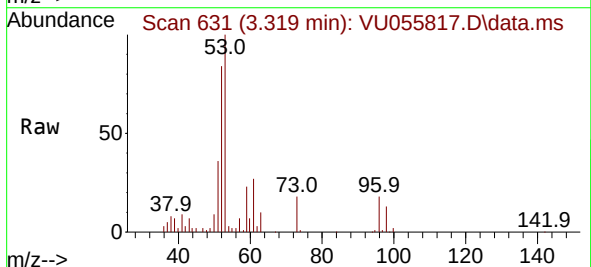
Tgt Ion: 53 Resp: 106581

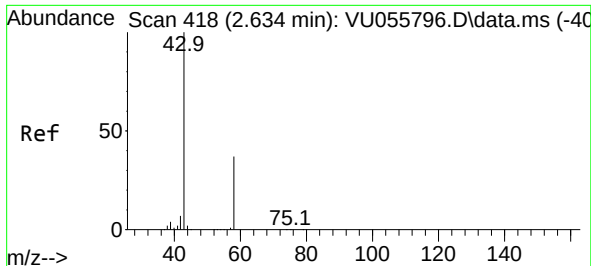
Ion Ratio Lower Upper

53 100

52 81.0 62.9 94.3

51 38.4 27.8 41.6





#13

Acetone

Concen: 34.603 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 38418

Ion Ratio Lower Upper

43 100

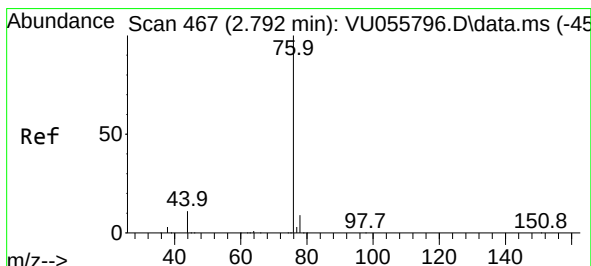
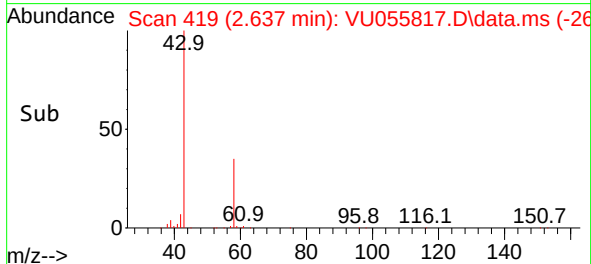
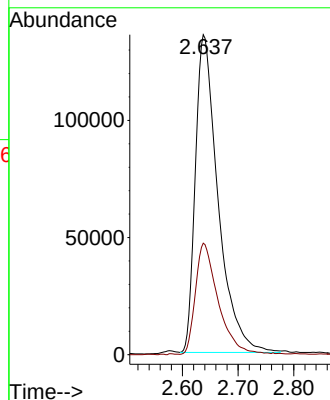
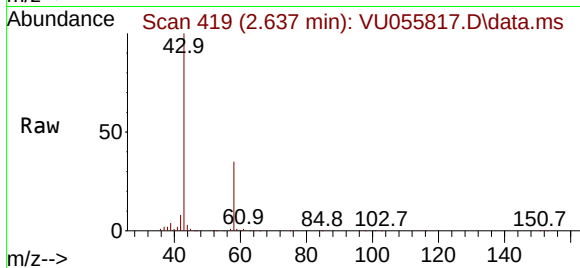
58 35.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#14

Carbon Disulfide

Concen: 9.288 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU055817.D

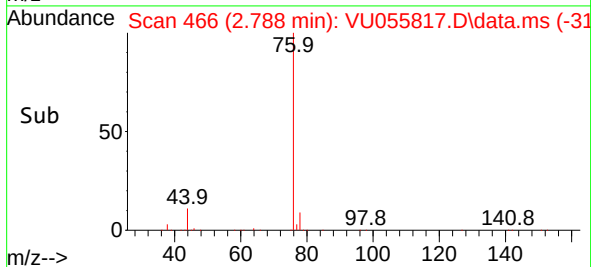
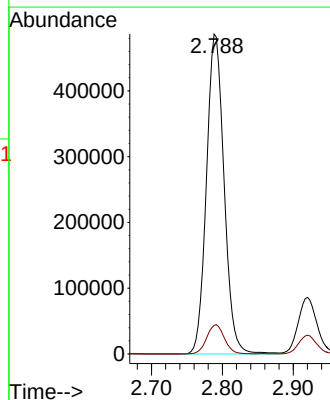
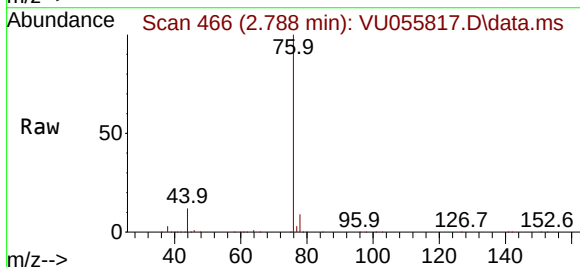
Acq: 19 Oct 2023 18:29

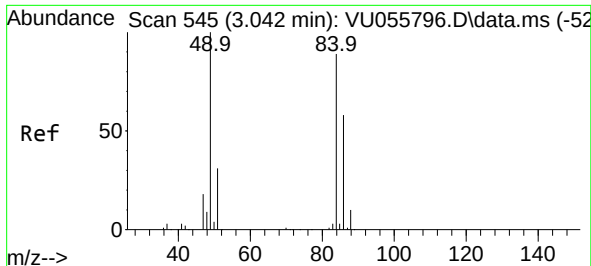
Tgt Ion: 76 Resp: 839755

Ion Ratio Lower Upper

76 100

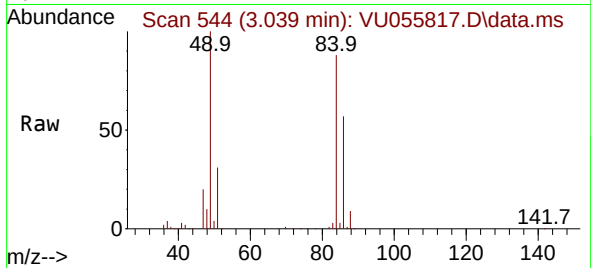
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 9.403 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

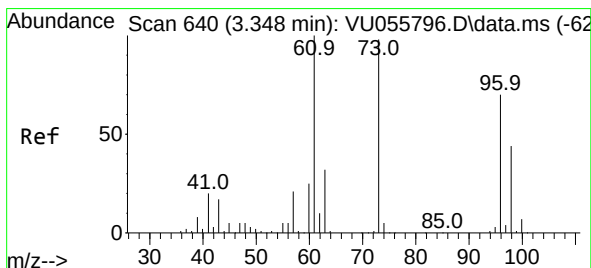
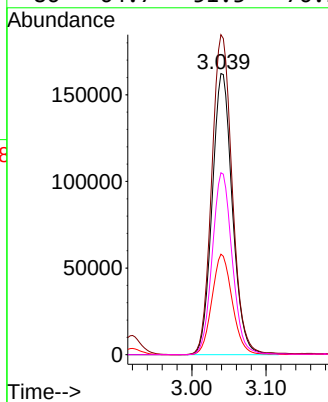
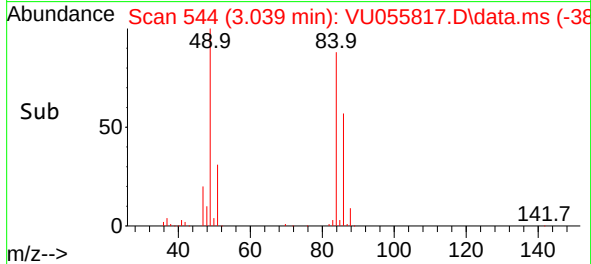
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 307179
Ion Ratio Lower Upper
84 100
49 113.8 98.9 148.3
51 35.7 0.0 75.4
86 64.7 51.3 76.9

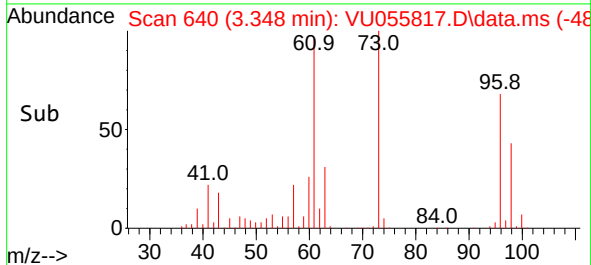
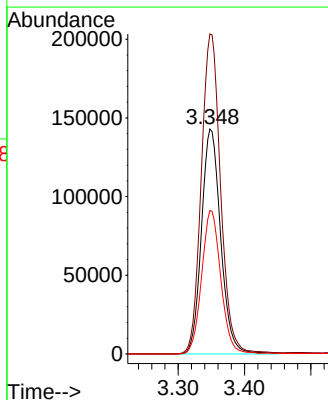
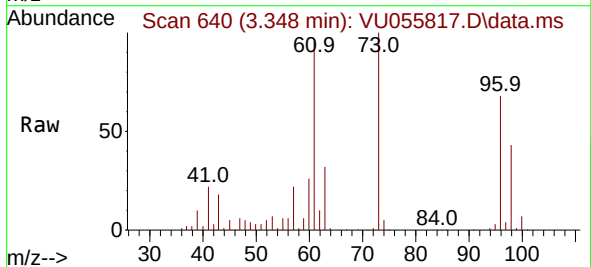
Manual Integrations
APPROVED

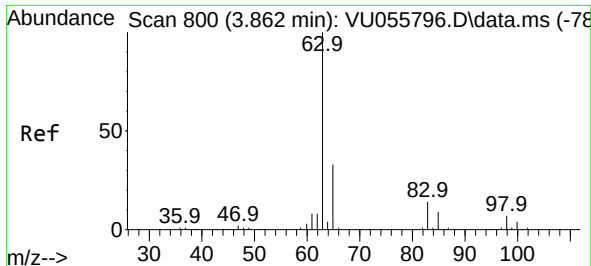
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#16
trans-1,2-Dichloroethene
Concen: 9.803 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion: 96 Resp: 287752
Ion Ratio Lower Upper
96 100
61 142.2 117.5 176.3
98 63.8 48.3 72.5





#17

1,1-Dichloroethane

Concen: 9.740 ug/l

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 531690

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

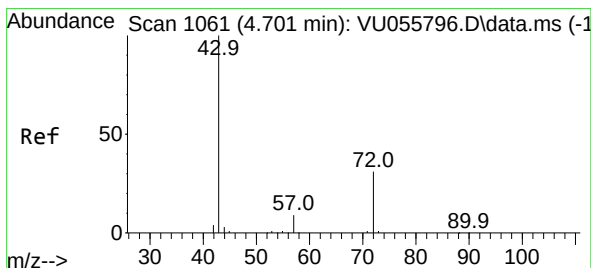
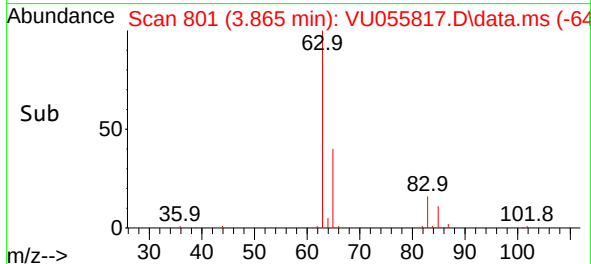
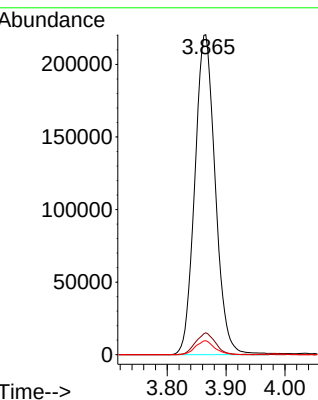
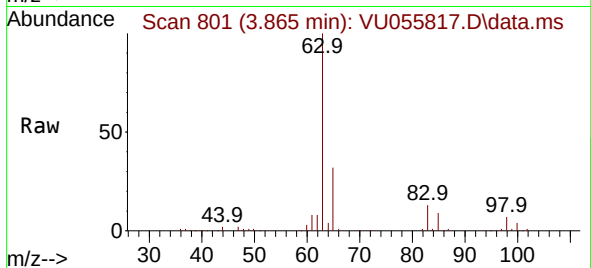
100 4.4 2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#18

2-Butanone

Concen: 37.795 ug/l

RT: 4.705 min Scan# 1062

Delta R.T. 0.004 min

Lab File: VU055817.D

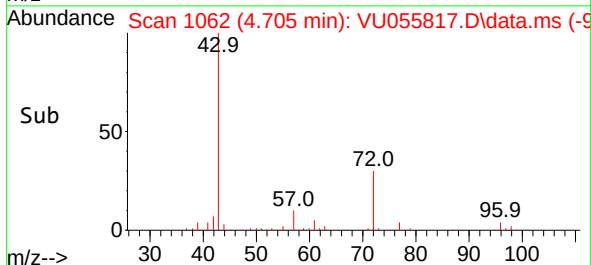
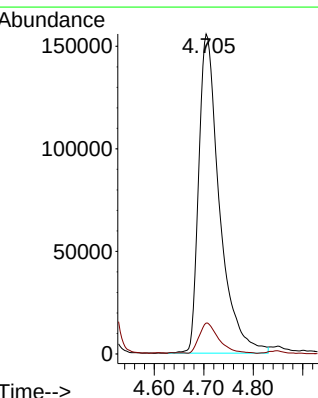
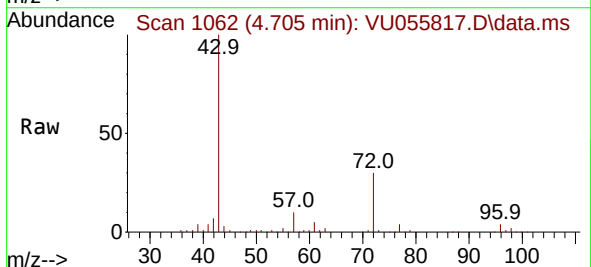
Acq: 19 Oct 2023 18:29

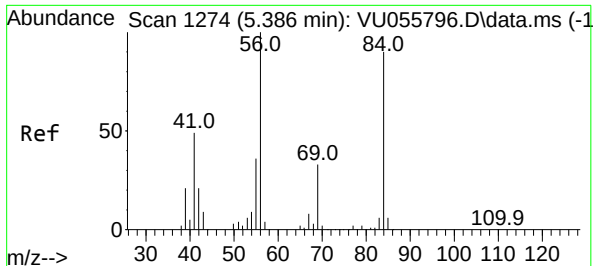
Tgt Ion: 43 Resp: 452098

Ion Ratio Lower Upper

43 100

57 9.4 0.0 19.6





#19

Cyclohexane

Concen: 10.216 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 475754

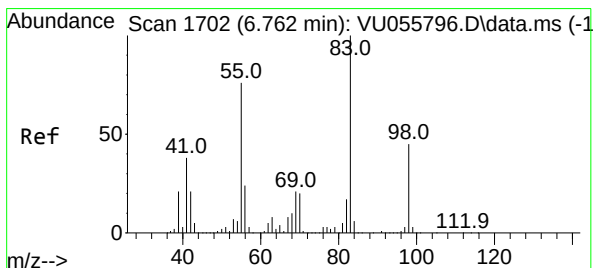
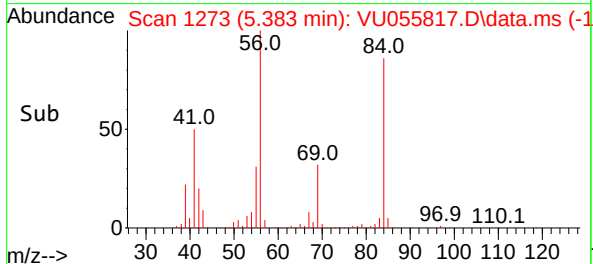
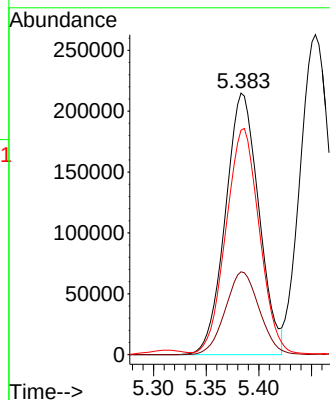
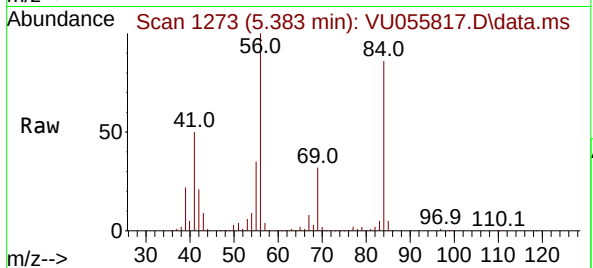
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.6	37.0
84	84.8	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#20

Methylcyclohexane

Concen: 10.302 ug/l

RT: 6.759 min Scan# 1701

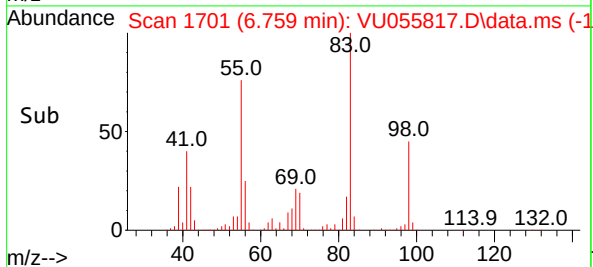
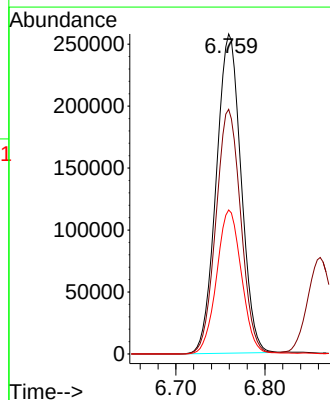
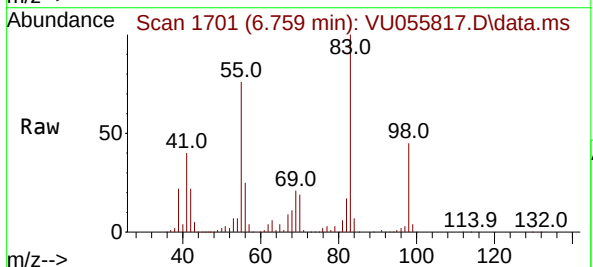
Delta R.T. -0.003 min

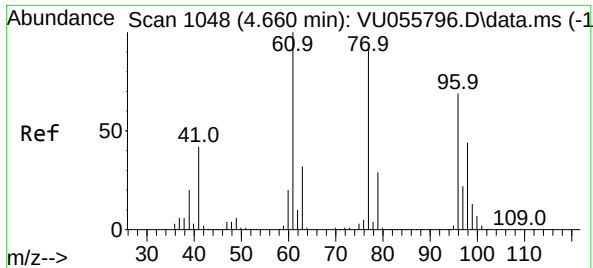
Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Tgt Ion: 83 Resp: 498438

Ion	Ratio	Lower	Upper
83	100		
55	76.4	63.5	95.3
98	45.1	36.0	54.0





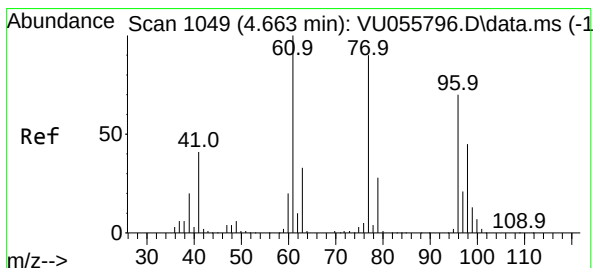
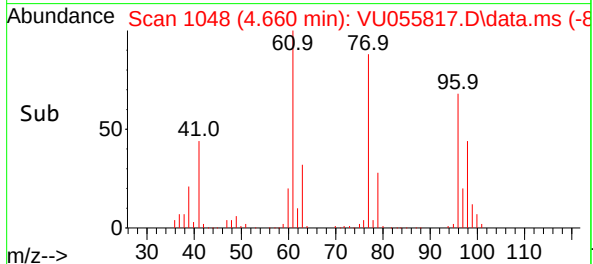
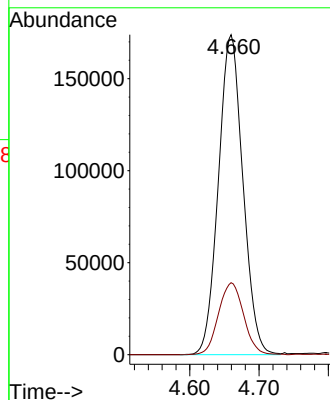
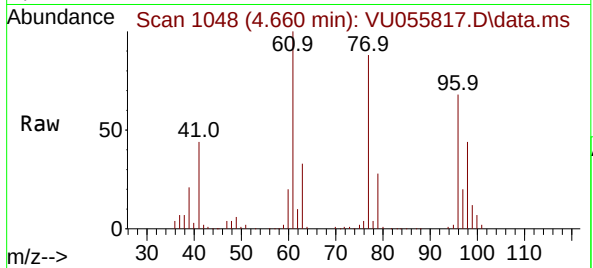
#21
2,2-Dichloropropane
Concen: 9.294 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 427229
Ion Ratio Lower Upper
77 100
97 23.1 18.4 27.6

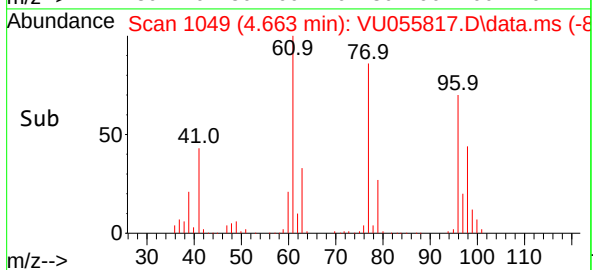
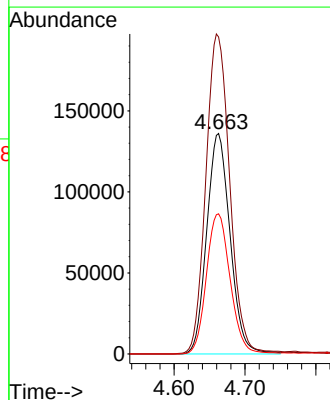
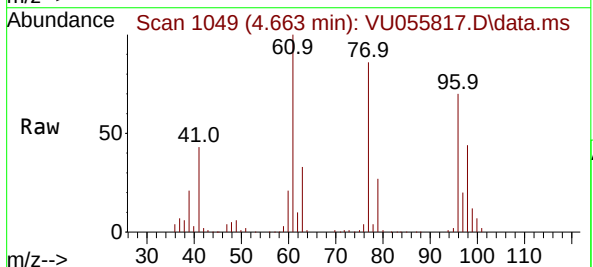
Manual Integrations
APPROVED

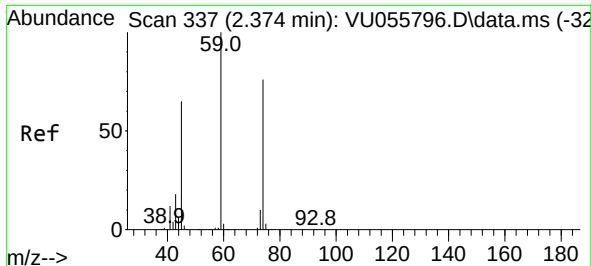
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#22
cis-1,2-Dichloroethene
Concen: 9.967 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

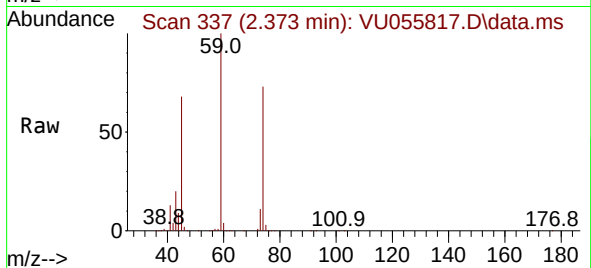
Tgt Ion: 96 Resp: 311830
Ion Ratio Lower Upper
96 100
61 148.4 0.0 365.8
98 64.6 32.0 96.0





#23
Diethyl Ether
Concen: 11.519 ug/l
RT: 2.373 min Scan# 31
Delta R.T. -0.001 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

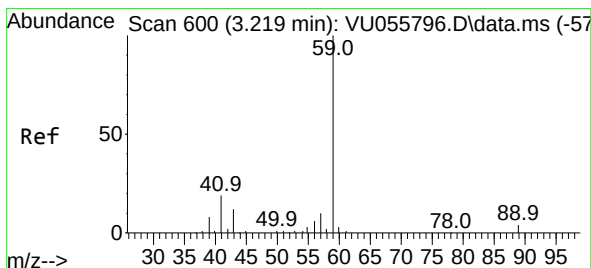
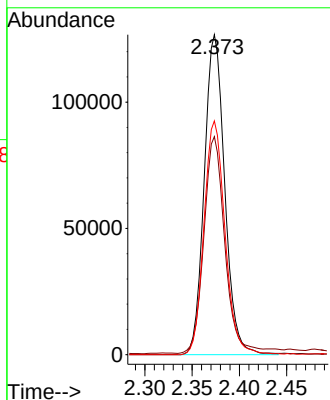
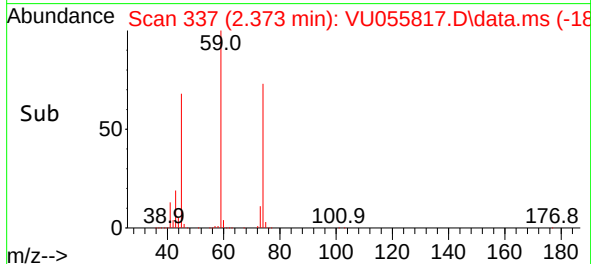
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 190719
Ion Ratio Lower Upper
59 100
45 68.9 56.1 84.1
74 75.3 57.4 86.2

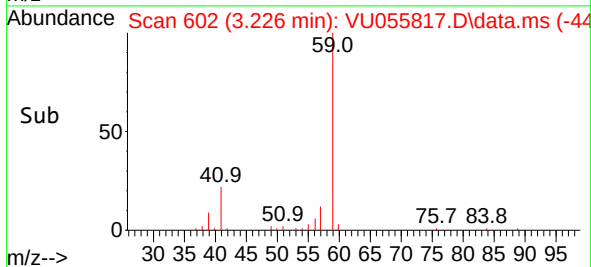
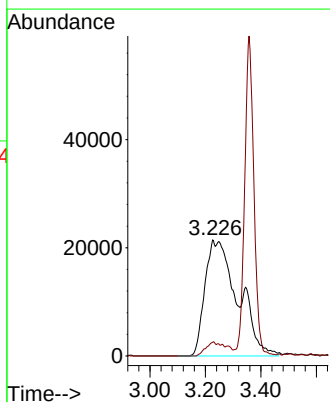
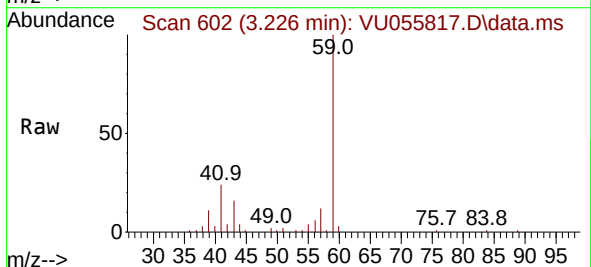
Manual Integrations
APPROVED

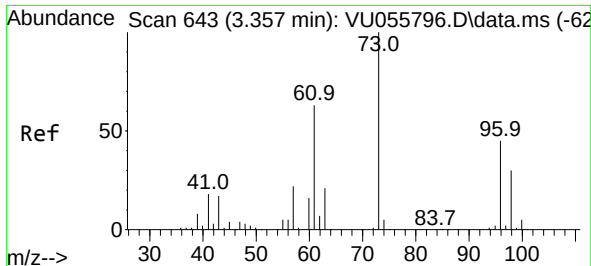
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#24
tert-Butyl Alcohol
Concen: 104.237 ug/l m
RT: 3.226 min Scan# 602
Delta R.T. 0.007 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

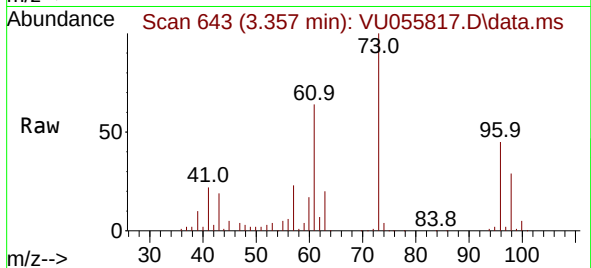
Tgt Ion: 59 Resp: 177007
Ion Ratio Lower Upper
59 100
57 3.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.236 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

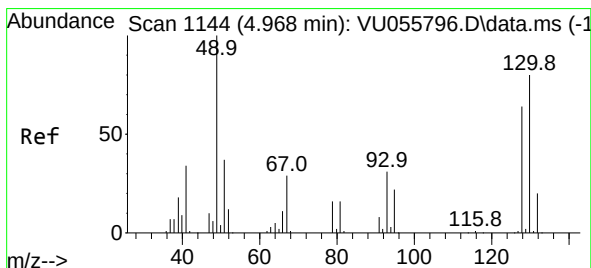
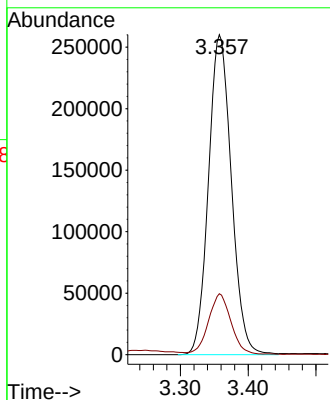
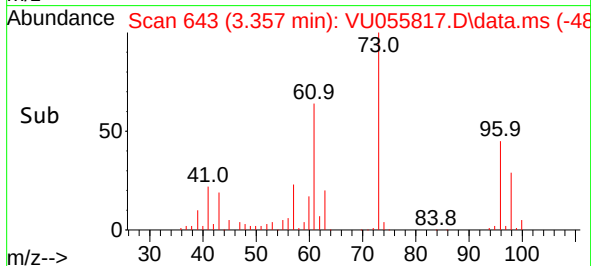
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



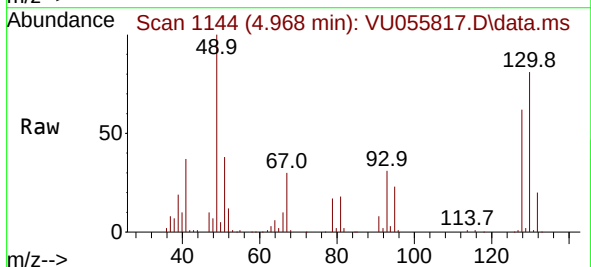
Tgt Ion: 73 Resp: 610049
Ion Ratio Lower Upper
73 100
43 18.3 15.0 22.6

Manual Integrations
APPROVED

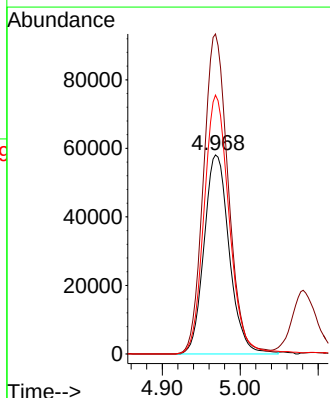
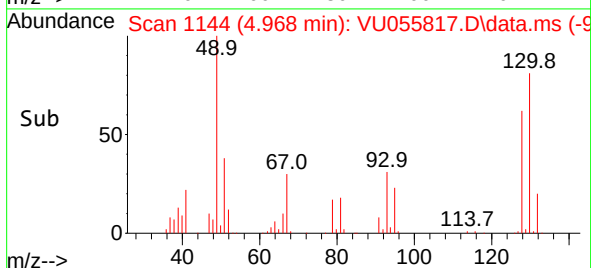
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

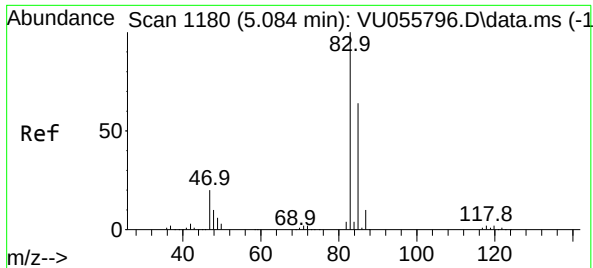


#26
Bromochloromethane
Concen: 9.836 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion:128 Resp: 130423
Ion Ratio Lower Upper
128 100
49 158.1 0.0 324.6
130 129.5 103.0 154.4





#27

Chloroform

Concen: 9.795 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 54871

Ion Ratio Lower Upper

83 100

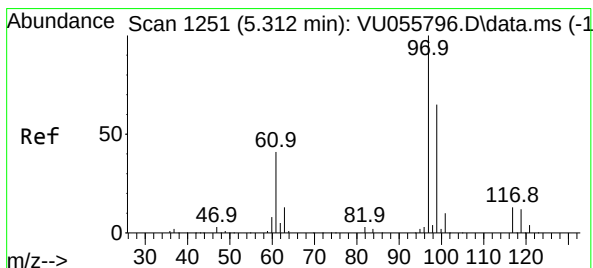
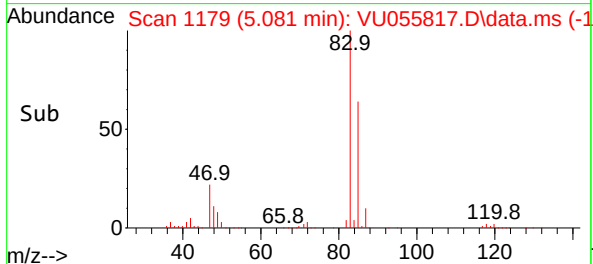
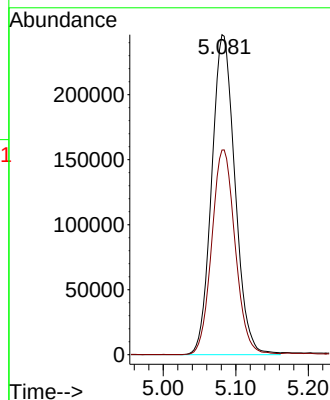
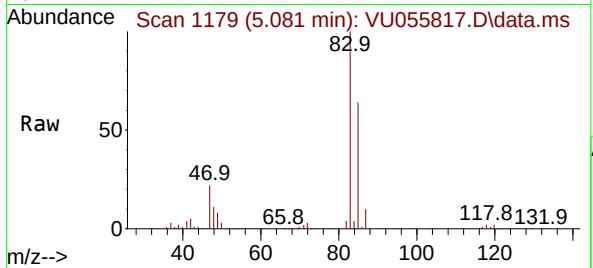
85 63.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#28

1,1,1-Trichloroethane

Concen: 9.738 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

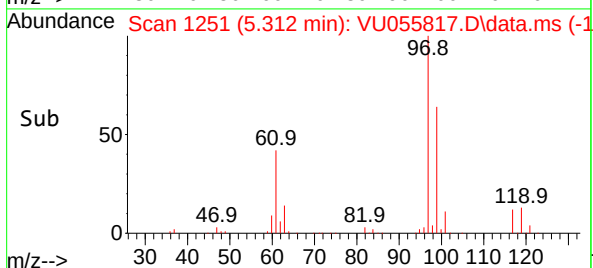
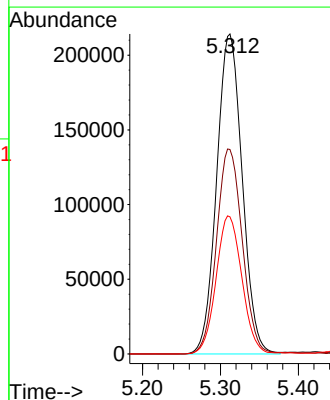
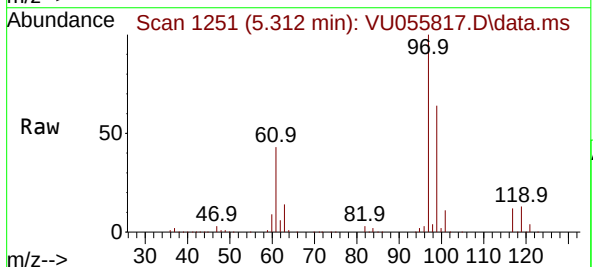
Tgt Ion: 97 Resp: 488925

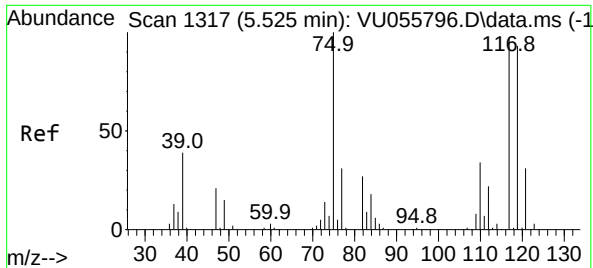
Ion Ratio Lower Upper

97 100

99 64.6 32.0 96.2

61 43.5 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.097 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.004 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 40154

Ion Ratio Lower Upper

75 100

110 34.9 18.0 54.0

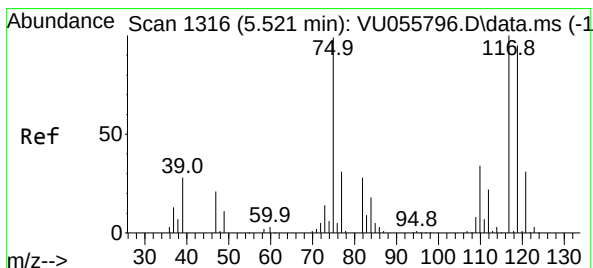
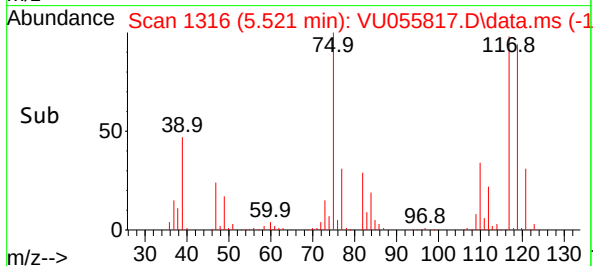
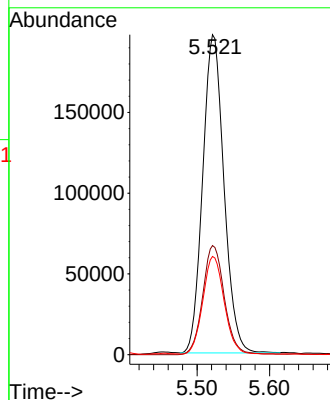
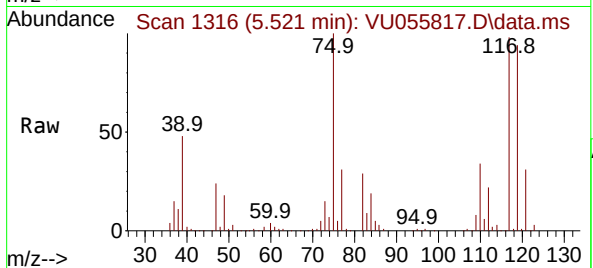
77 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Carbon Tetrachloride

Concen: 9.682 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

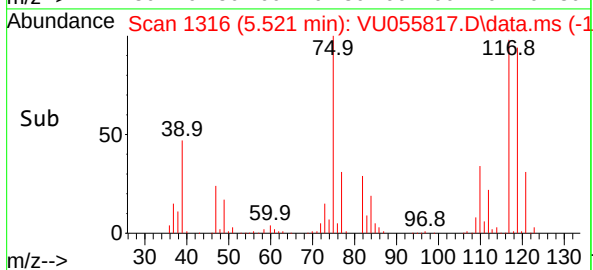
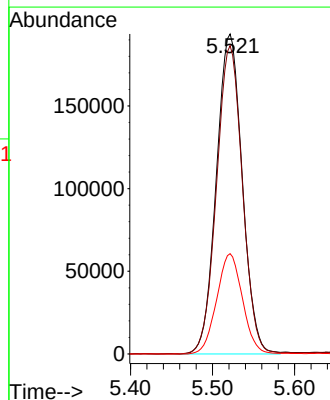
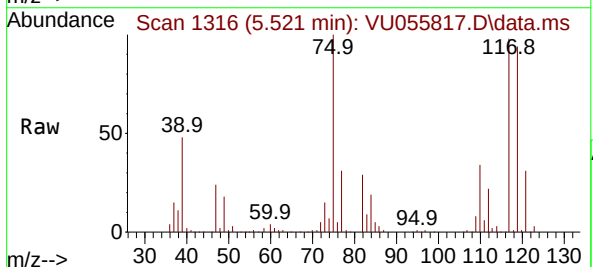
Tgt Ion:117 Resp: 424372

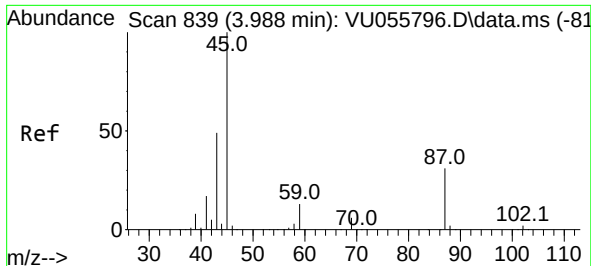
Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

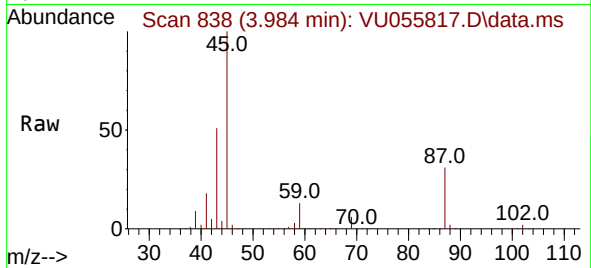
121 31.4 24.0 36.0





#31
Isopropyl Ether
Concen: 10.487 ug/l
RT: 3.984 min Scan# 839
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

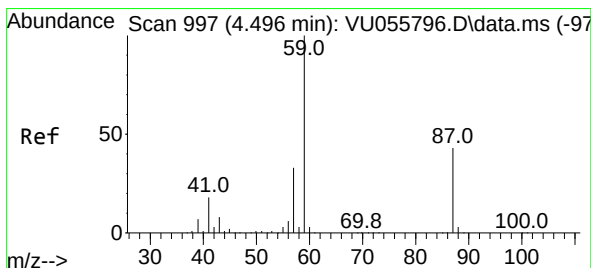
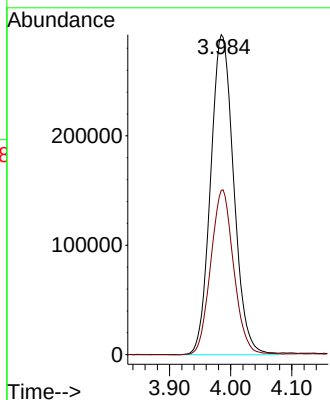
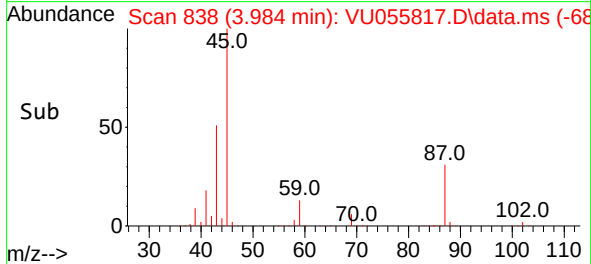
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



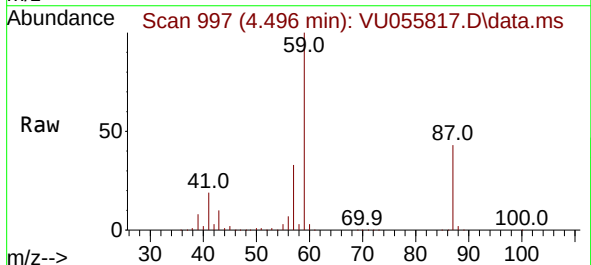
Tgt Ion: 45 Resp: 769125
Ion Ratio Lower Upper
45 100
43 51.3 27.5 82.5

Manual Integrations
APPROVED

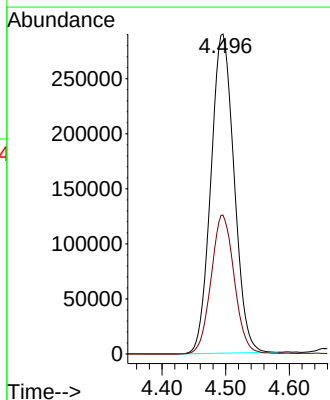
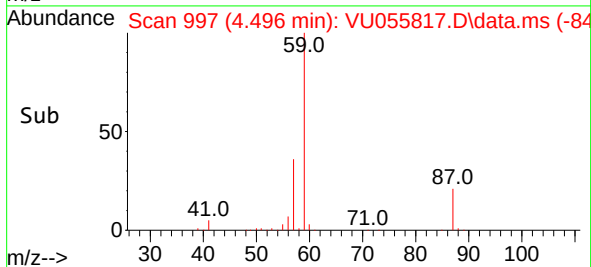
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

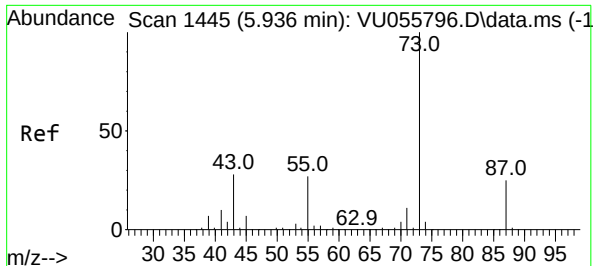


#32
Ethyl-t-butyl ether
Concen: 10.401 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion: 59 Resp: 736380
Ion Ratio Lower Upper
59 100
87 43.1 33.5 50.3





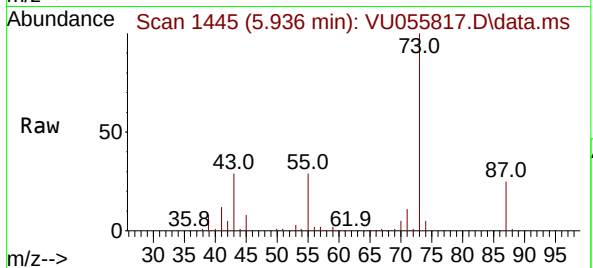
#33
Tert-Amyl methyl ether
Concen: 10.398 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



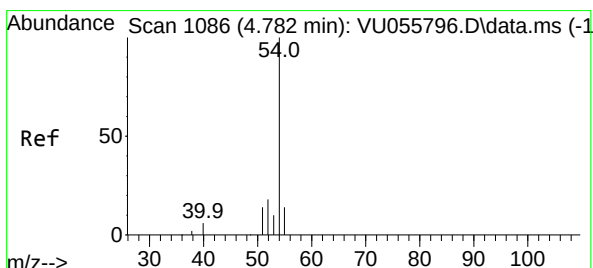
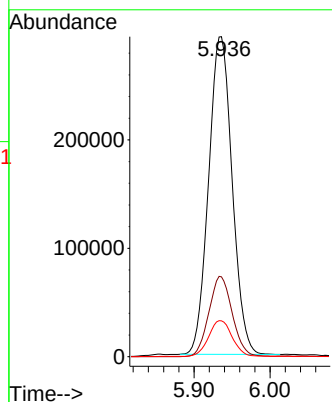
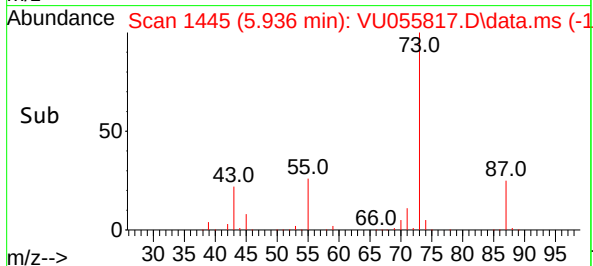
Tgt Ion: 73 Resp: 63085
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 11.3 9.9 14.9

Manual Integrations

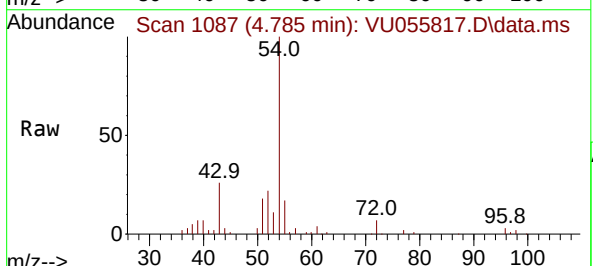
APPROVED

Reviewed By :John Carlone 10/20/2023

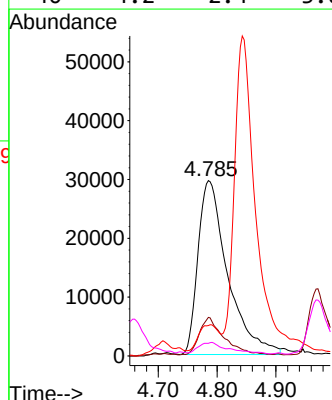
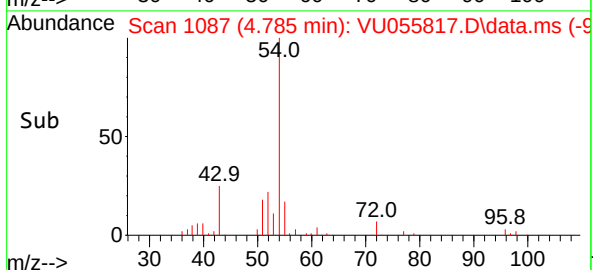
Supervised By :Mahesh Dadoda 10/25/2023

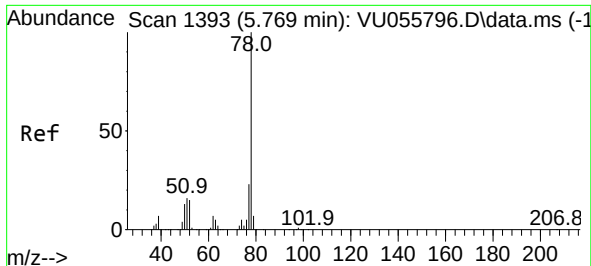


#34
Propionitrile
Concen: 54.768 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



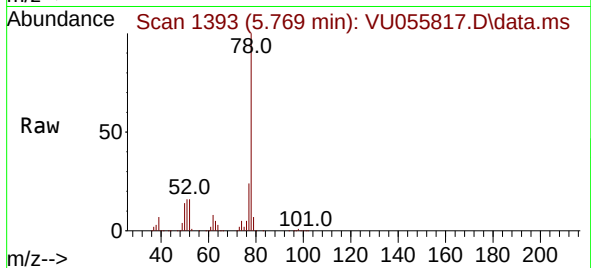
Tgt Ion: 54 Resp: 103642
Ion Ratio Lower Upper
54 100
52 17.4 17.4 26.0
55 9.9 104.1 156.1#
40 4.2 2.4 3.6#





#35
Benzene
Concen: 9.718 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

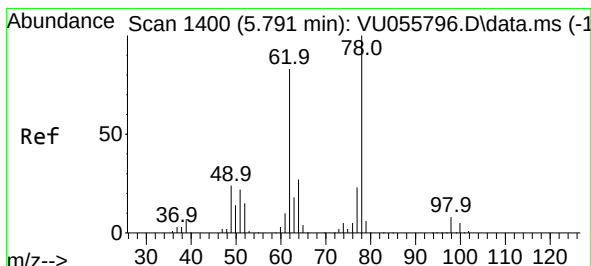
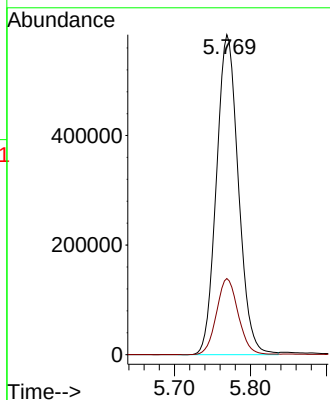
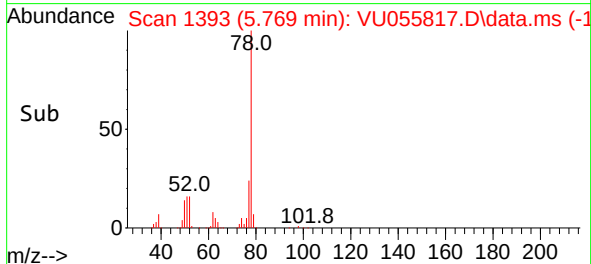
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



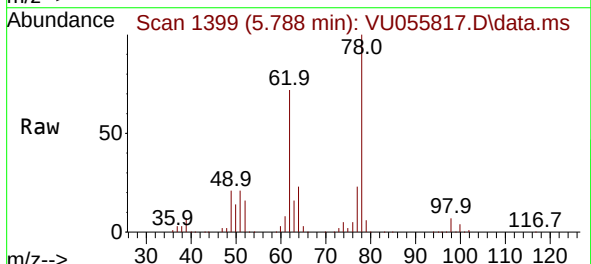
Tgt Ion: 78 Resp: 1170670
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

Manual Integrations
APPROVED

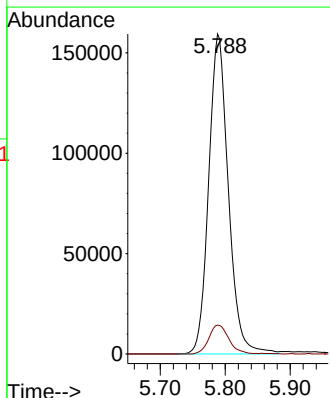
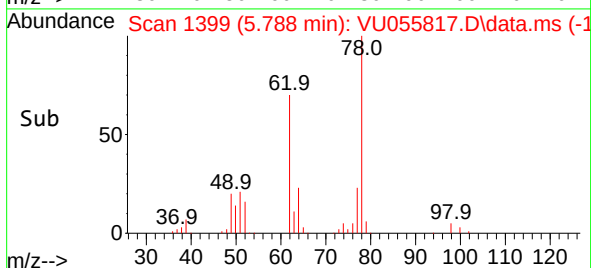
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

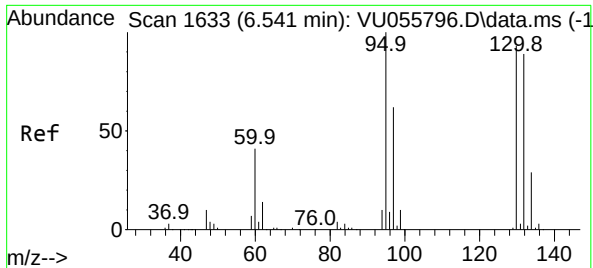


#36
1,2-Dichloroethane
Concen: 10.238 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion: 62 Resp: 334934
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37

Trichloroethene

Concen: 9.653 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 302530

Ion Ratio Lower Upper

130 100

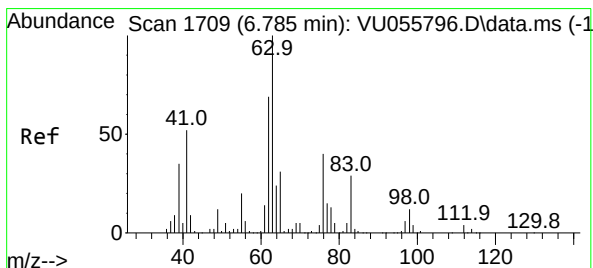
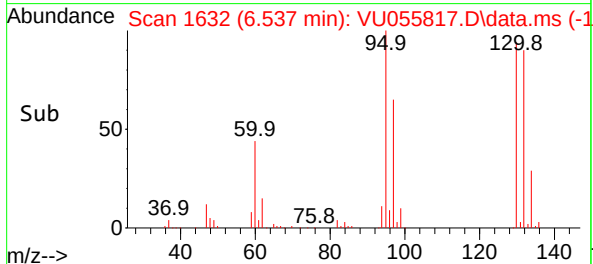
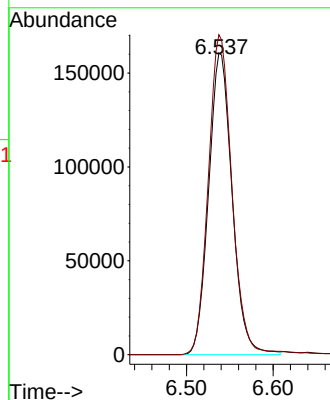
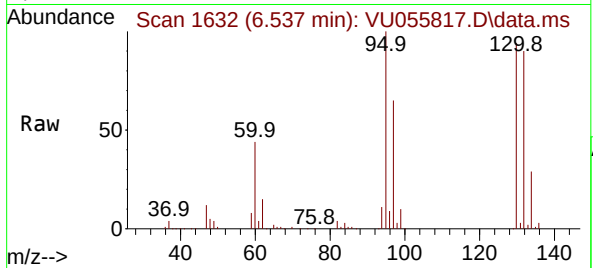
95 106.1 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#38

1,2-Dichloropropane

Concen: 9.767 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU055817.D

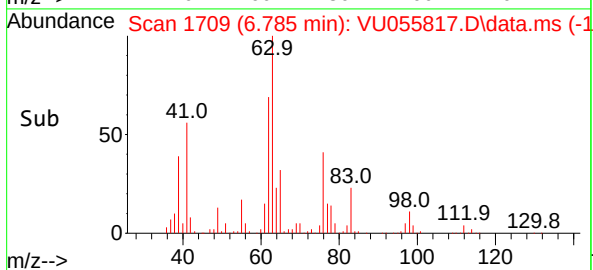
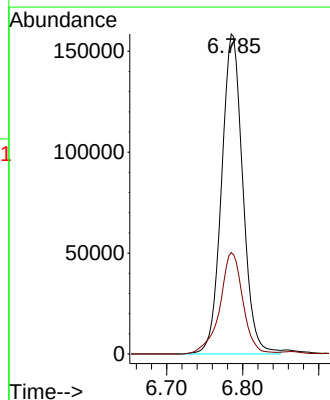
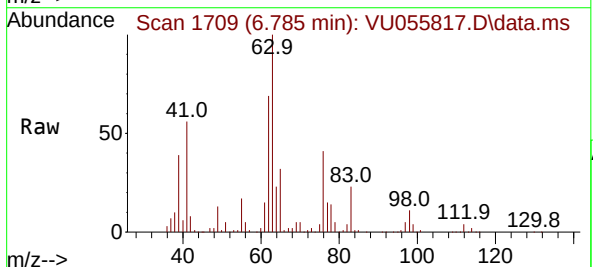
Acq: 19 Oct 2023 18:29

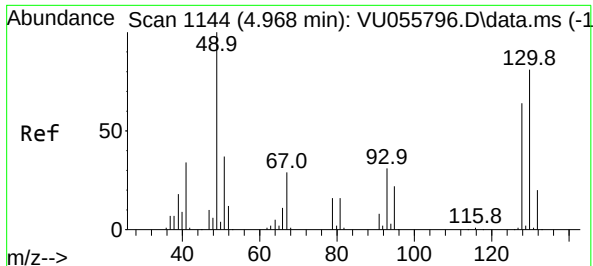
Tgt Ion: 63 Resp: 307254

Ion Ratio Lower Upper

63 100

65 31.7 24.9 37.3





#39

Methacrylonitrile

Concen: 11.385 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 80330

Ion Ratio Lower Upper

41 100

67 85.8 66.8 100.2

39 54.0 41.2 61.8

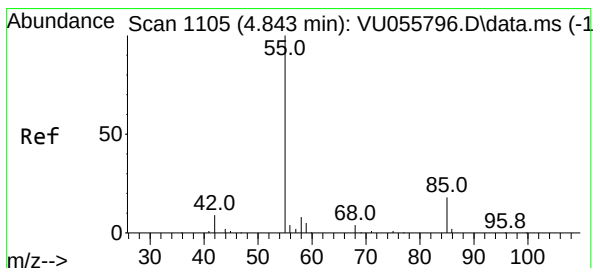
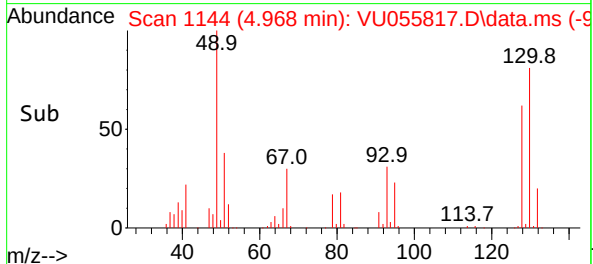
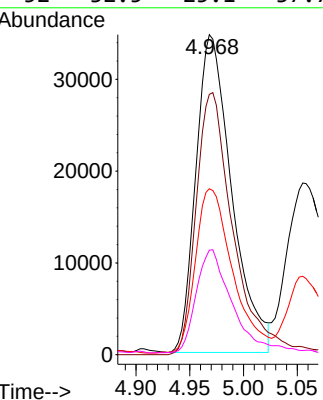
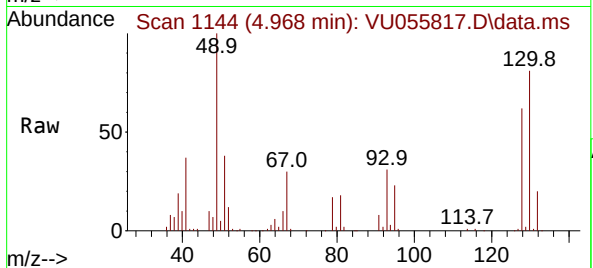
52 32.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Methyl acrylate

Concen: 9.181 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Tgt Ion: 55 Resp: 136492

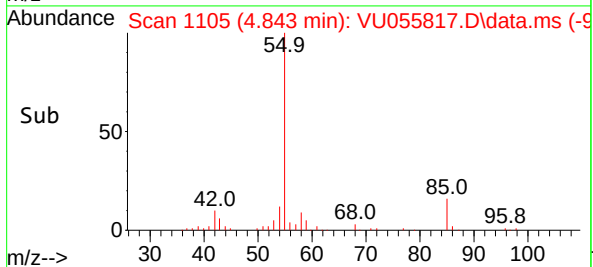
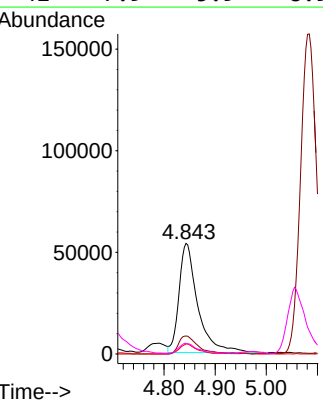
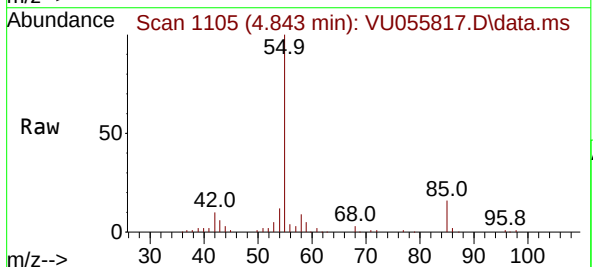
Ion Ratio Lower Upper

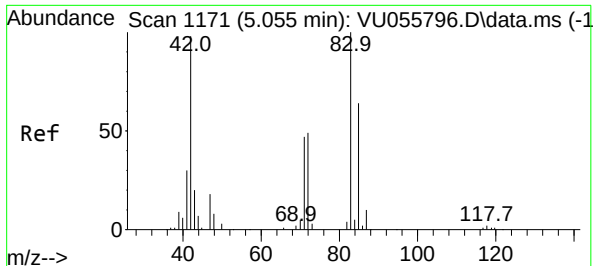
55 100

85 16.9 13.3 19.9

58 8.3 6.5 9.7

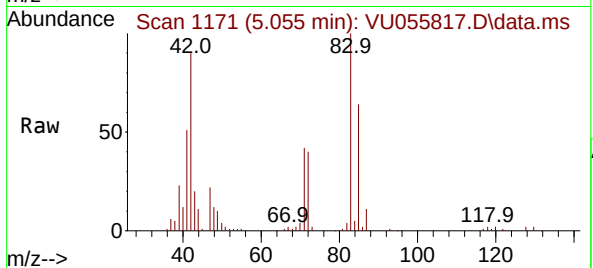
42 7.9 5.9 8.9





#41
Tetrahydrofuran
Concen: 20.076 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

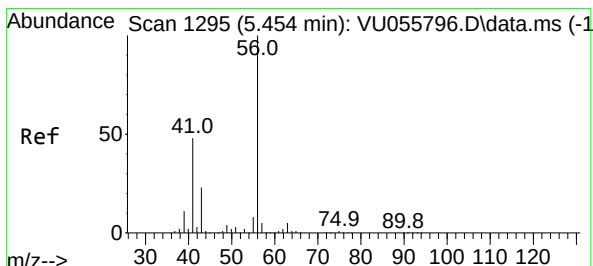
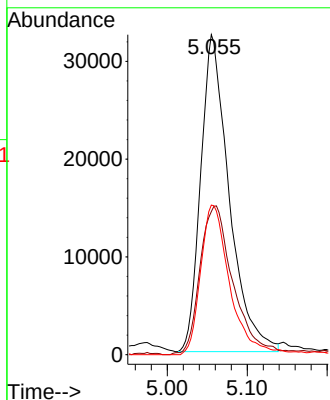
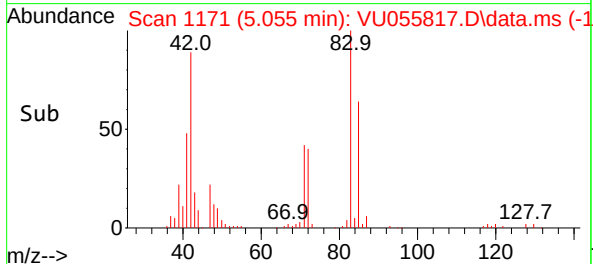
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



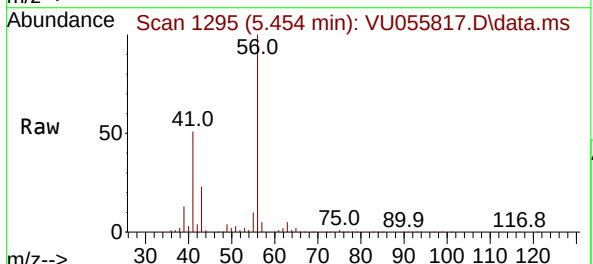
Tgt Ion: 42 Resp: 80274
Ion Ratio Lower Upper
42 100
72 54.5 40.9 61.3
71 48.3 36.9 55.3

Manual Integrations
APPROVED

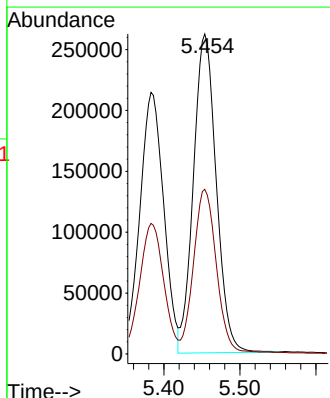
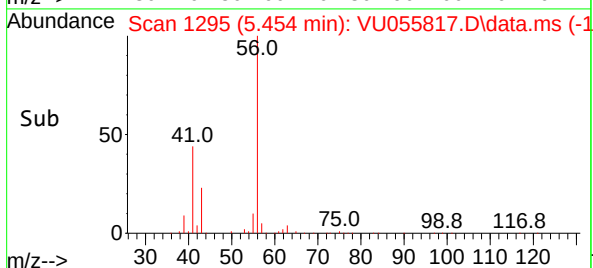
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

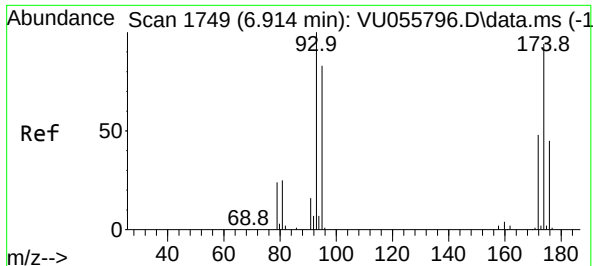


#42
1-Chlorobutane
Concen: 10.301 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



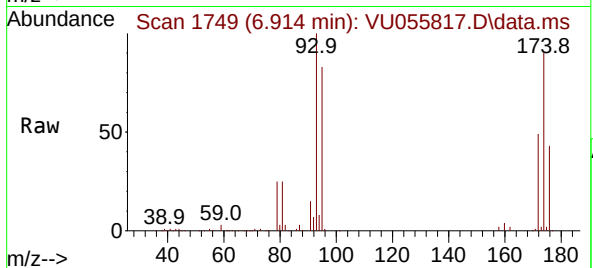
Tgt Ion: 56 Resp: 546145
Ion Ratio Lower Upper
56 100
41 51.5 25.2 75.6





#43
Dibromomethane
Concen: 9.857 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

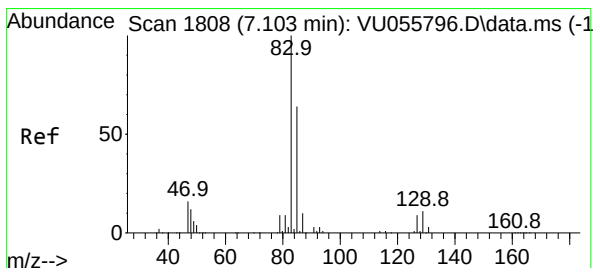
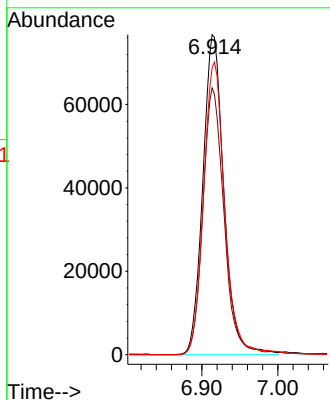
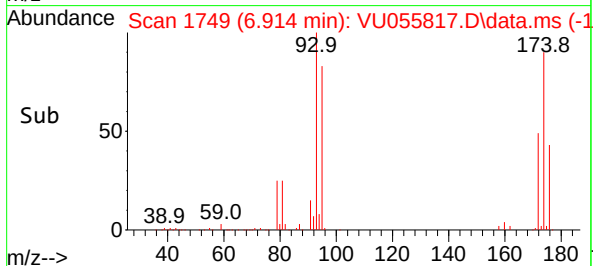
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



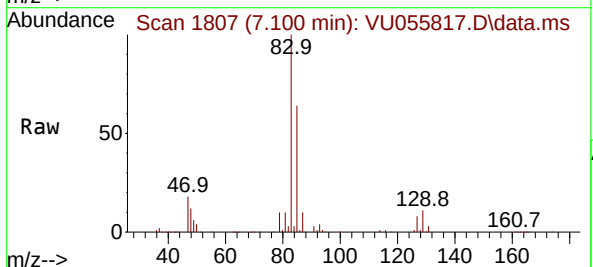
Tgt Ion: 93 Resp: 147378
Ion Ratio Lower Upper
93 100
95 83.4 67.0 100.6
174 91.6 73.8 110.6

Manual Integrations
APPROVED

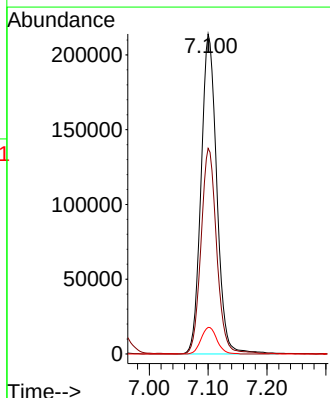
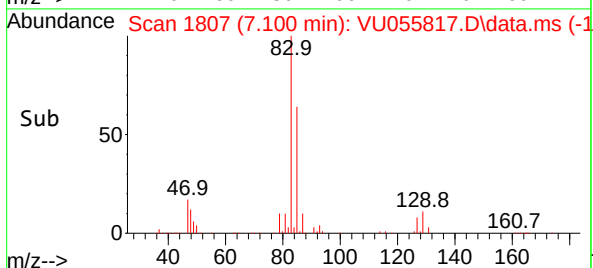
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

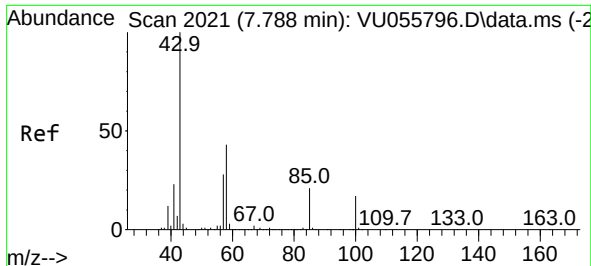


#44
Bromodichloromethane
Concen: 10.041 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion: 83 Resp: 396768
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.3 6.7 10.1





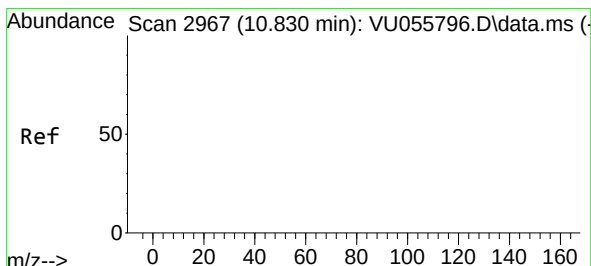
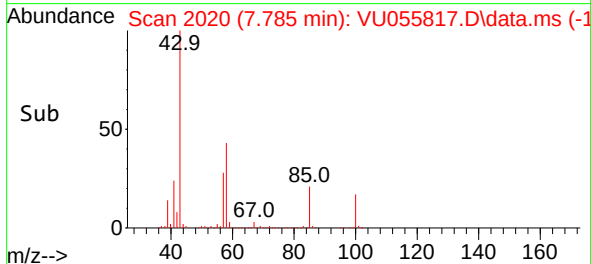
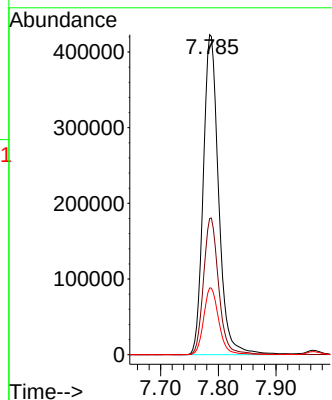
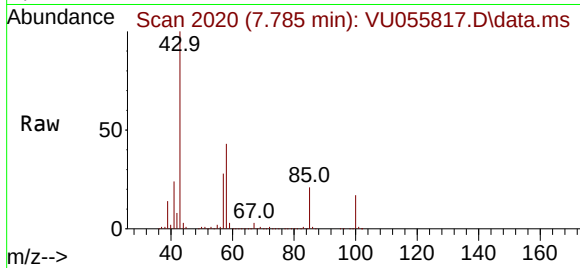
#45
4-Methyl-2-Pentanone
Concen: 50.627 ug/l
RT: 7.785 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 782850
Ion Ratio Lower Upper
43 100
58 42.0 20.9 62.8
85 20.5 14.6 21.8

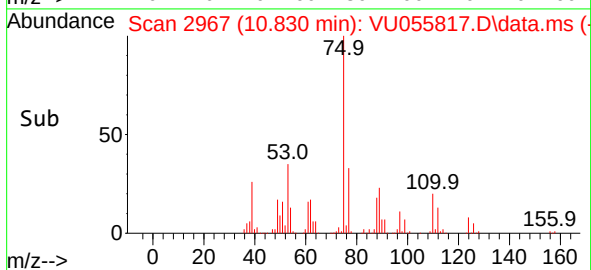
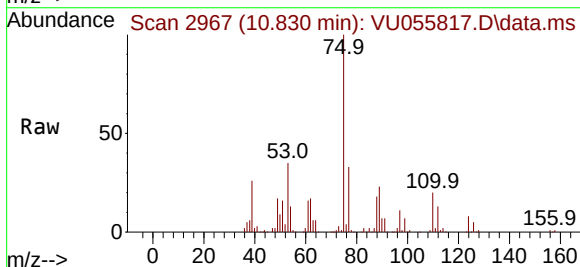
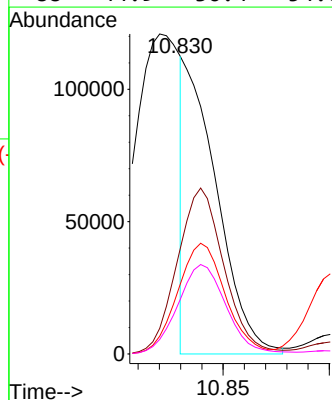
Manual Integrations
APPROVED

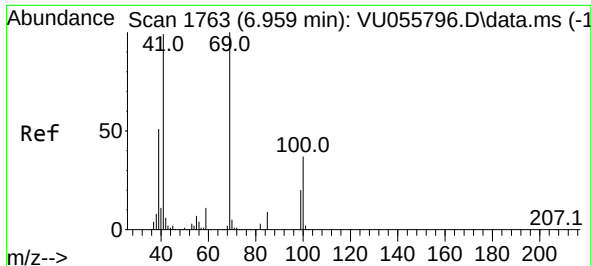
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#46
t-1,4-Dichloro-2-butene
Concen: 19.440 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

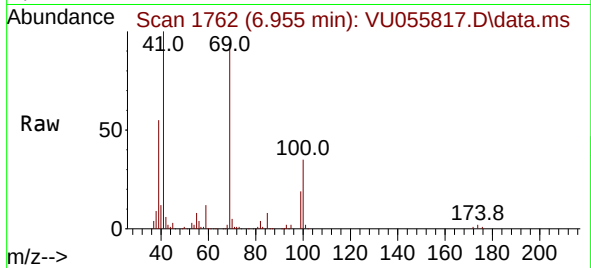
Tgt Ion: 75 Resp: 119585
Ion Ratio Lower Upper
75 100
53 80.3 73.3 109.9
89 54.9 48.2 72.4
88 44.9 36.4 54.6





#47
Methyl methacrylate
Concen: 21.825 ug/l
RT: 6.955 min Scan# 1763
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

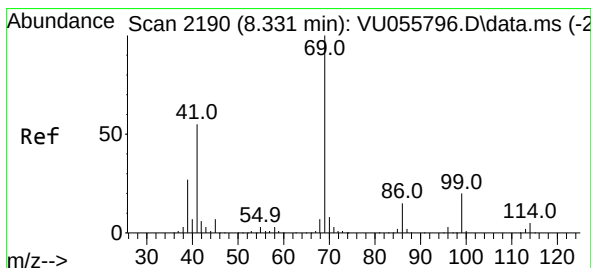
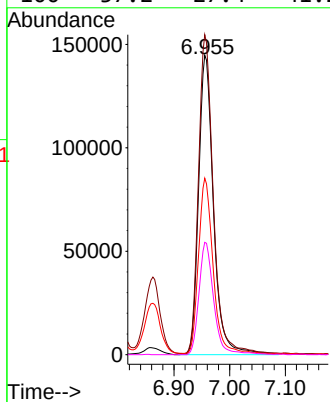
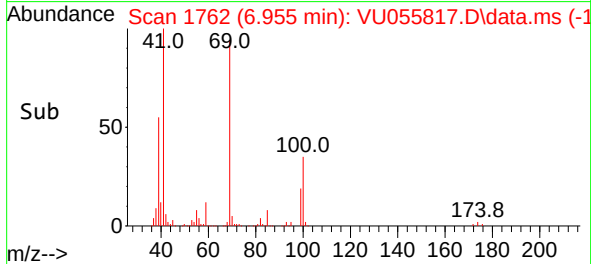
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 26919
Ion Ratio Lower Upper
69 100
41 105.6 0.0 209.2
39 57.5 46.7 70.1
100 37.2 27.4 41.2

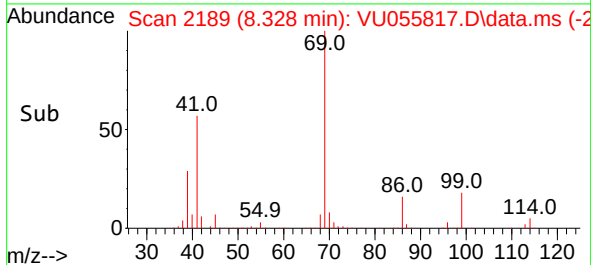
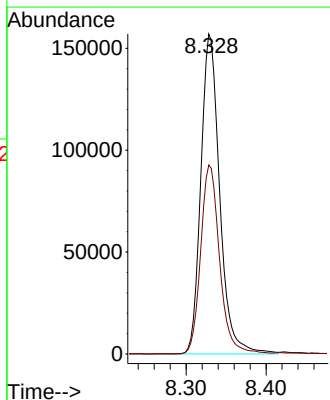
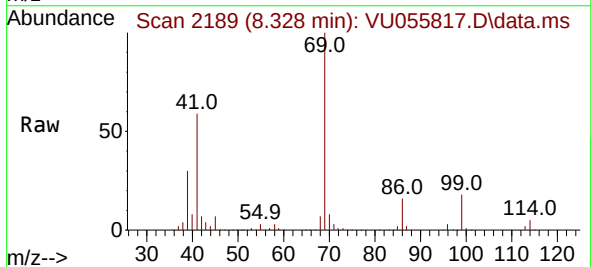
Manual Integrations
APPROVED

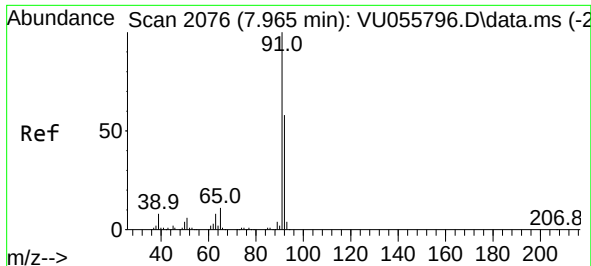
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Ethyl methacrylate
Concen: 9.064 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion: 69 Resp: 258102
Ion Ratio Lower Upper
69 100
41 59.1 30.3 90.8





#49

Toluene

Concen: 10.369 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 73921

Ion Ratio Lower Upper

92 100

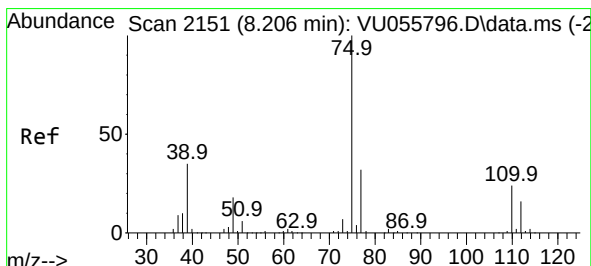
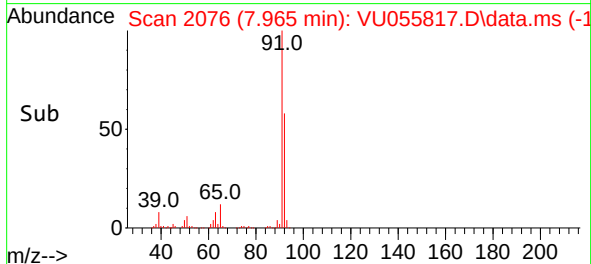
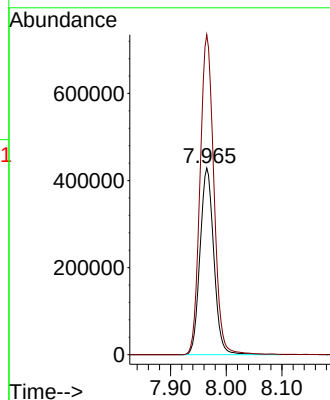
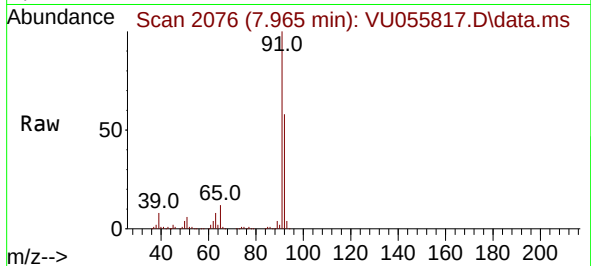
91 171.8 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

t-1,3-Dichloropropene

Concen: 10.254 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055817.D

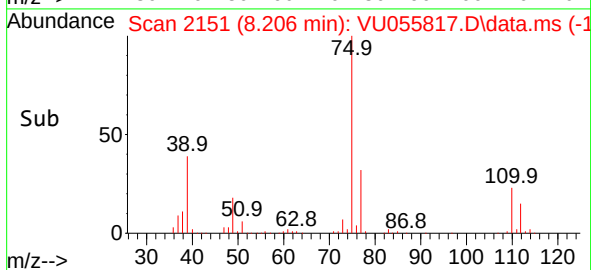
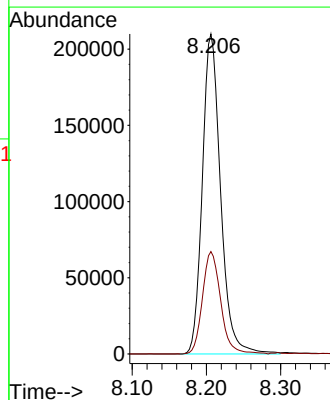
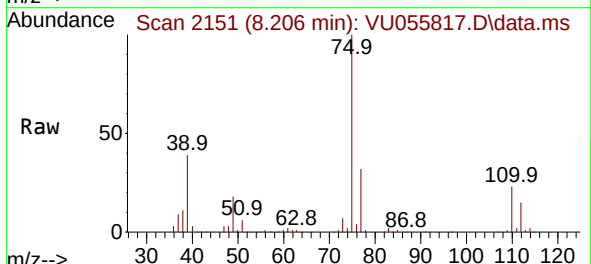
Acq: 19 Oct 2023 18:29

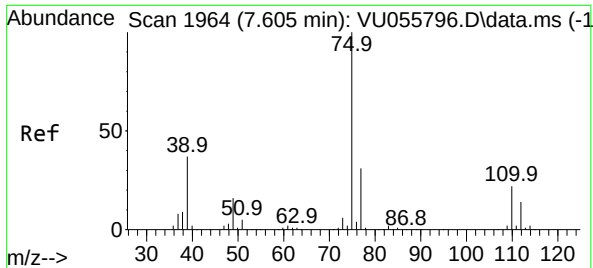
Tgt Ion: 75 Resp: 358559

Ion Ratio Lower Upper

75 100

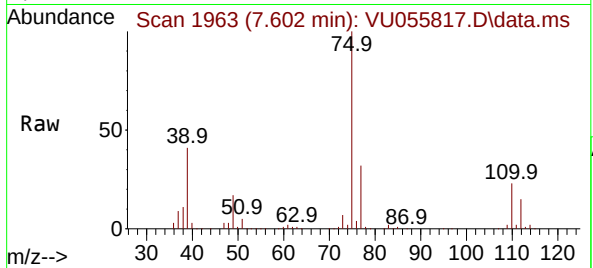
77 32.0 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.095 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU055817.D
 Acq: 19 Oct 2023 18:29

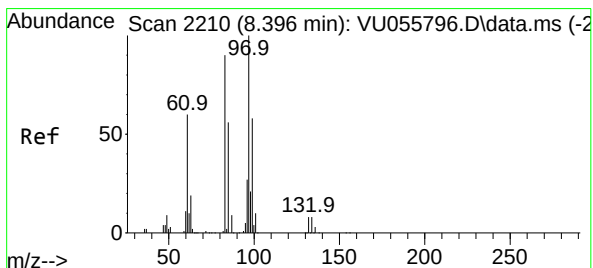
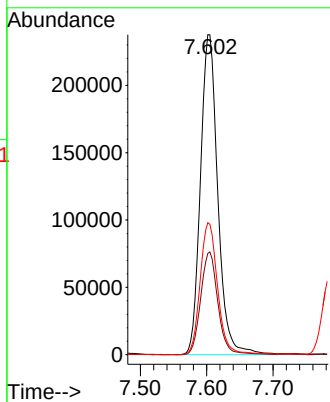
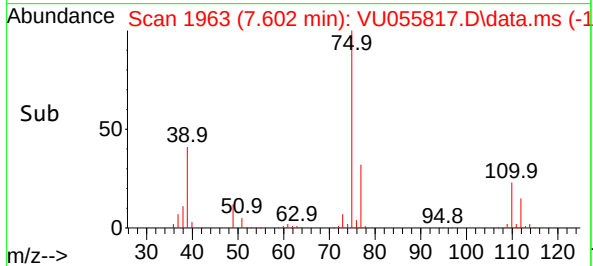
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 432017
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 41.2 32.8 49.2

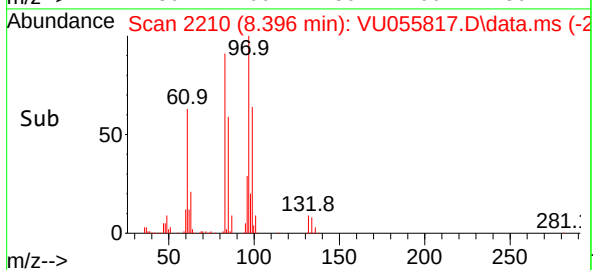
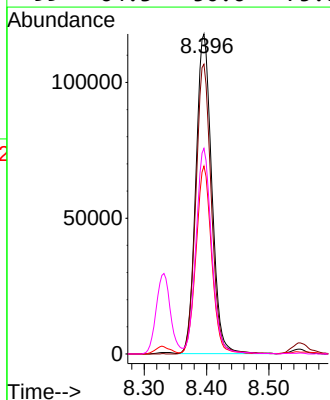
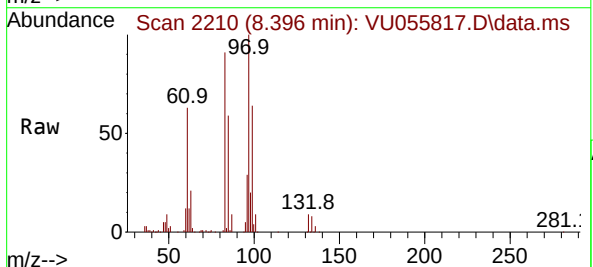
Manual Integrations
 APPROVED

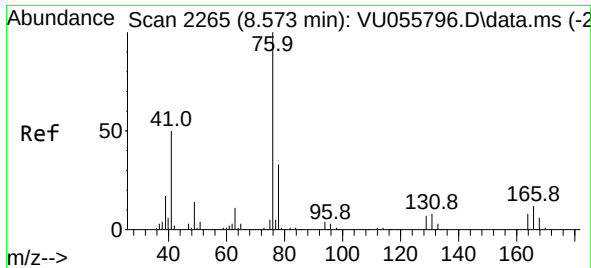
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.740 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU055817.D
 Acq: 19 Oct 2023 18:29

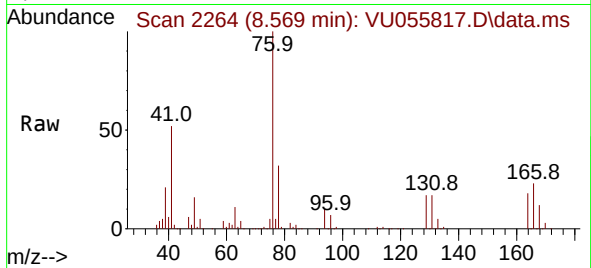
Tgt Ion: 97 Resp: 208006
 Ion Ratio Lower Upper
 97 100
 83 90.5 71.8 107.8
 85 58.6 45.2 67.8
 99 64.3 50.6 75.8





#53
1,3-Dichloropropane
Concen: 9.965 ug/l
RT: 8.569 min Scan# 2265
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

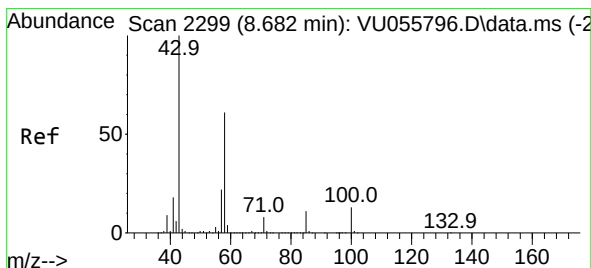
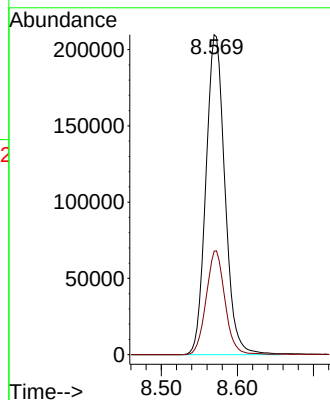
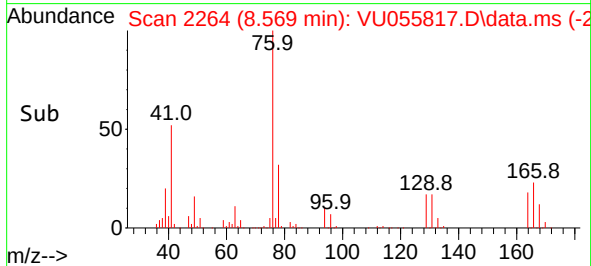
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



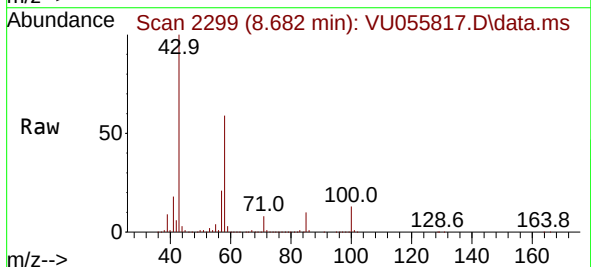
Tgt Ion: 76 Resp: 363718
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

Manual Integrations
APPROVED

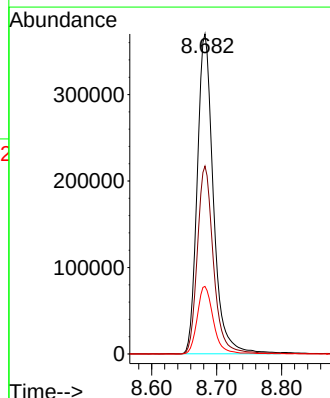
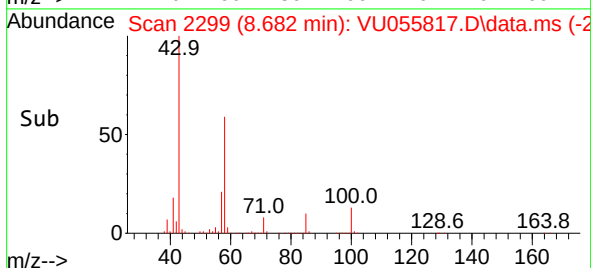
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

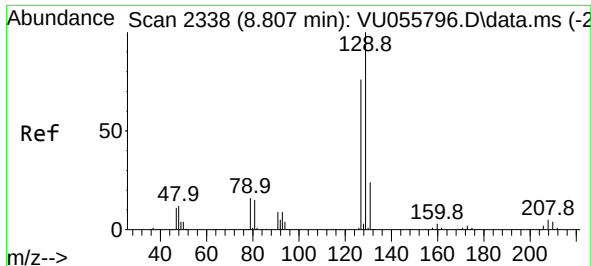


#54
2-Hexanone
Concen: 36.928 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



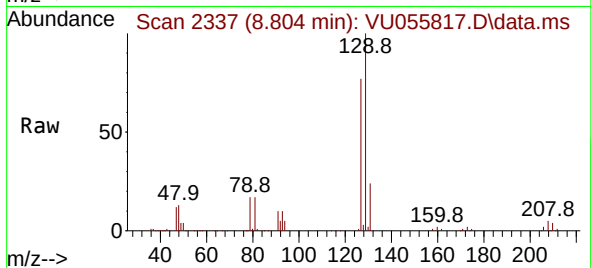
Tgt Ion: 43 Resp: 639725
Ion Ratio Lower Upper
43 100
58 58.9 38.2 78.2
57 21.2 0.0 39.1





#55
Dibromochloromethane
Concen: 9.894 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

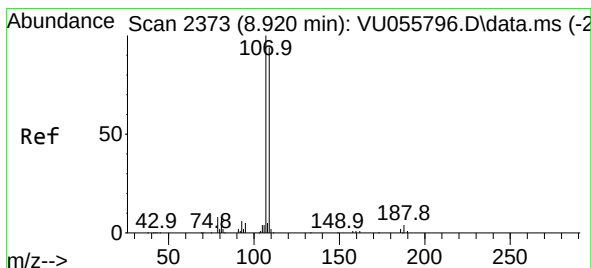
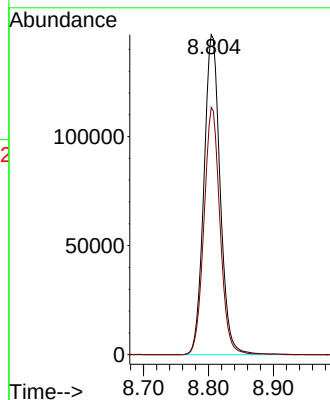
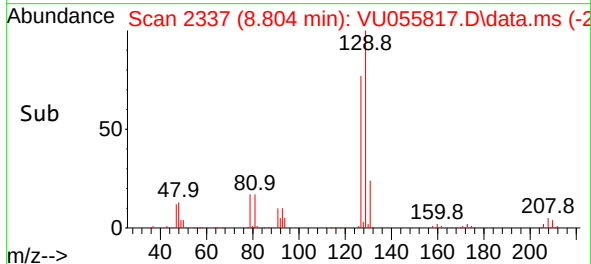
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 255034
Ion Ratio Lower Upper
129 100
127 76.5 61.4 92.0

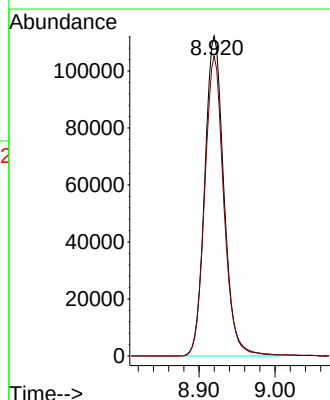
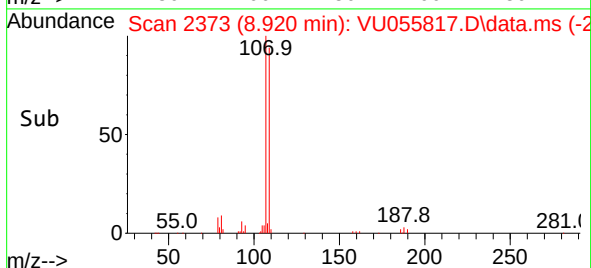
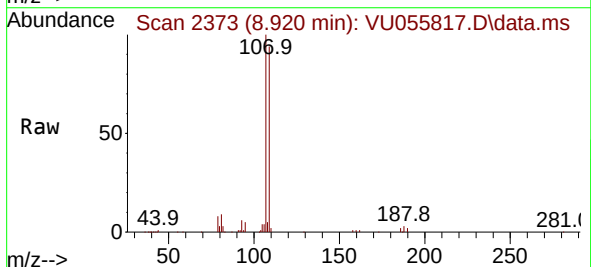
Manual Integrations
APPROVED

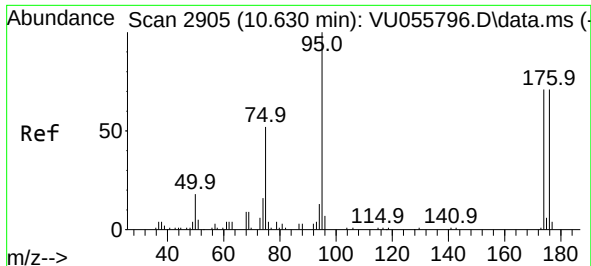
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#56
1,2-Dibromoethane
Concen: 10.054 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

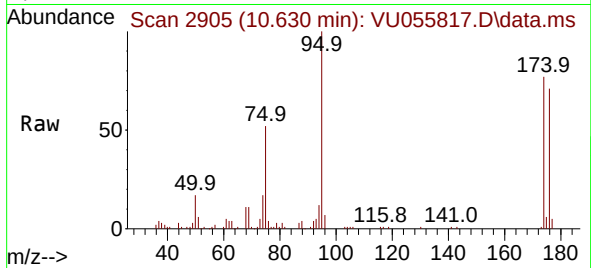
Tgt Ion:107 Resp: 196187
Ion Ratio Lower Upper
107 100
109 93.3 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

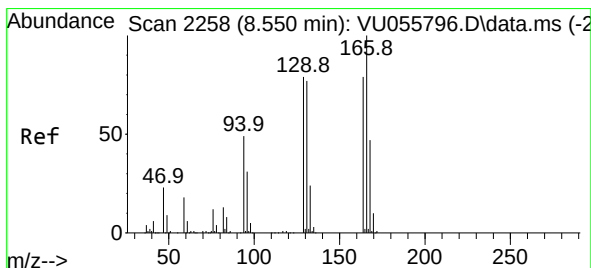
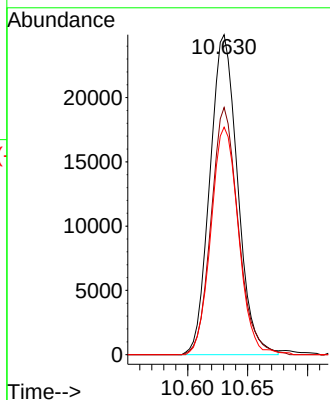
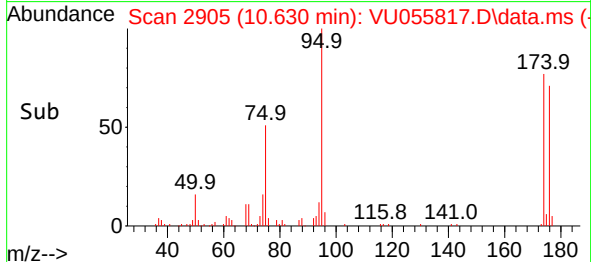
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 39997
Ion Ratio Lower Upper
95 100
174 75.7 63.3 94.9
176 70.7 59.3 88.9

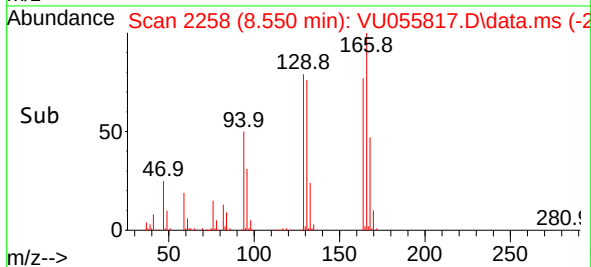
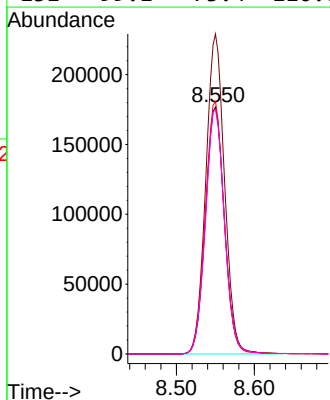
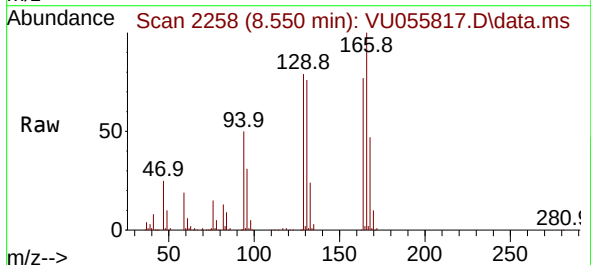
Manual Integrations
APPROVED

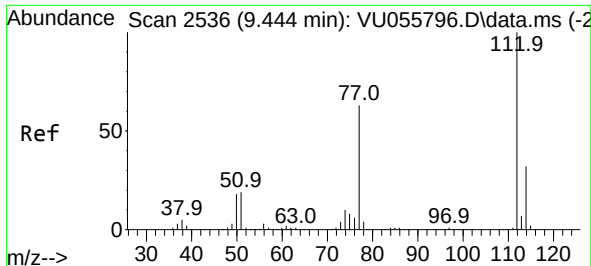
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#58
Tetrachloroethene
Concen: 9.246 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion:164 Resp: 301327
Ion Ratio Lower Upper
164 100
166 129.6 99.6 149.4
129 102.2 78.6 117.8
131 99.1 73.4 110.0





#59

Chlorobenzene

Concen: 10.058 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 791992

Ion Ratio Lower Upper

112 100

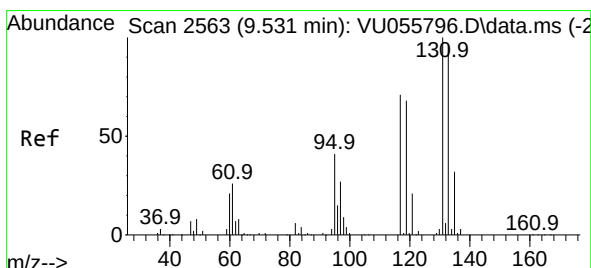
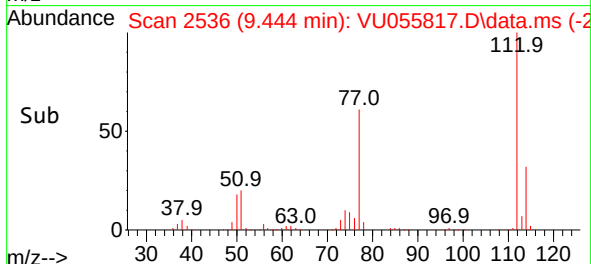
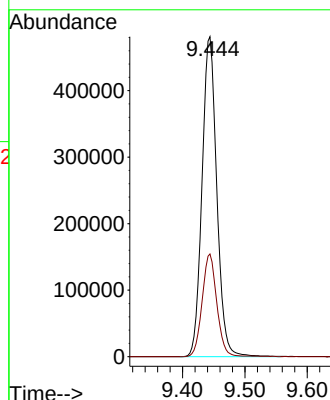
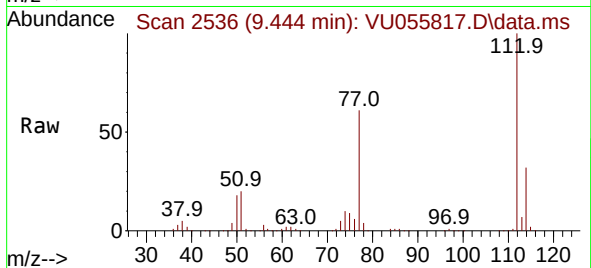
114 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 9.726 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. -0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

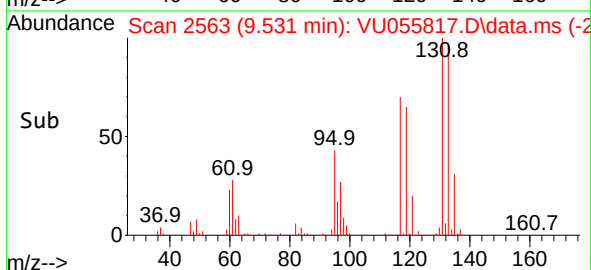
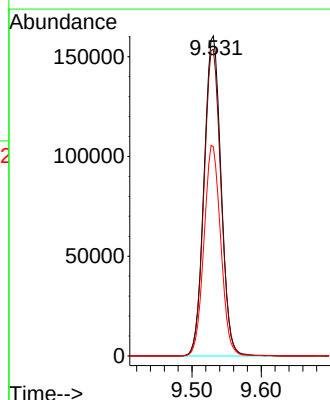
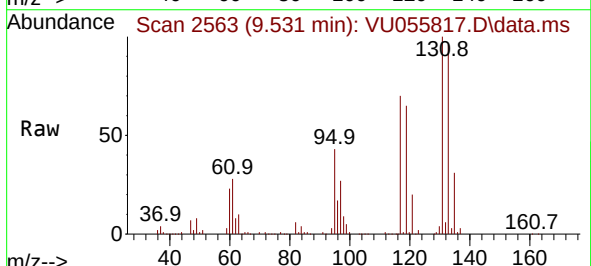
Tgt Ion:131 Resp: 272943

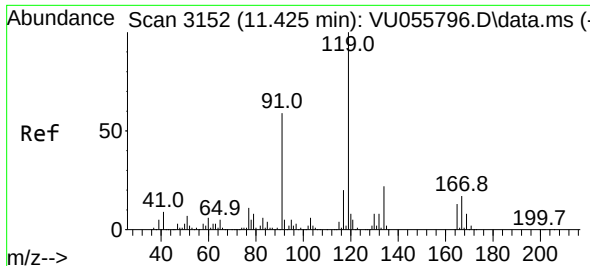
Ion Ratio Lower Upper

131 100

133 95.8 77.8 116.6

119 64.7 55.2 82.8





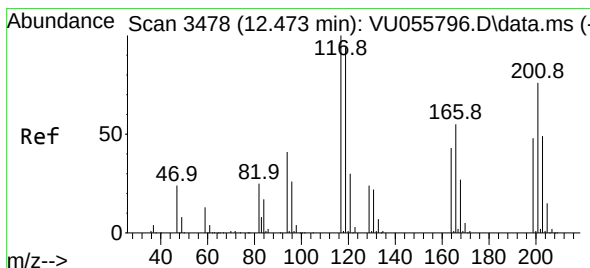
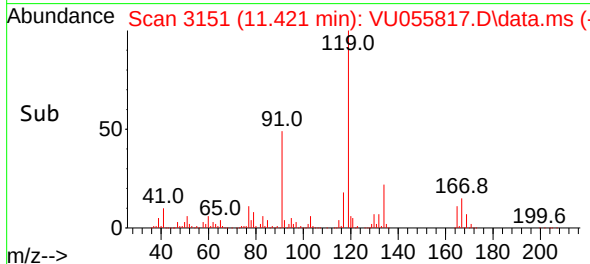
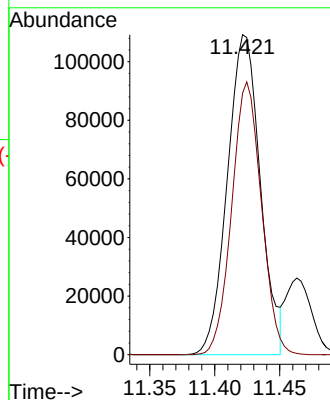
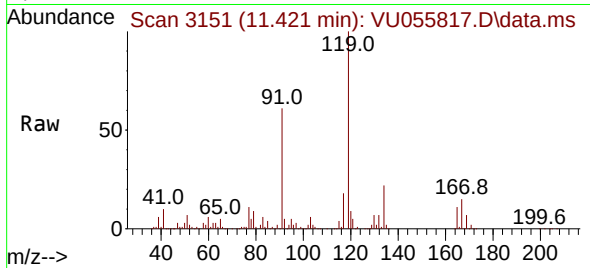
#61
Pentachloroethane
Concen: 10.149 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 19275
Ion Ratio Lower Upper
117 100
167 76.8 56.7 85.1

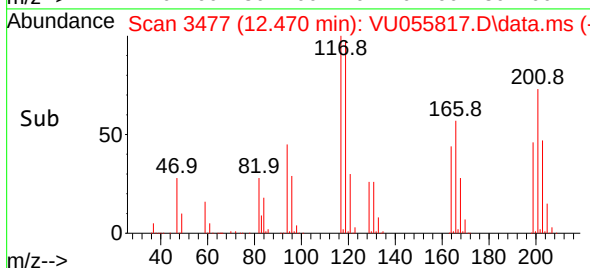
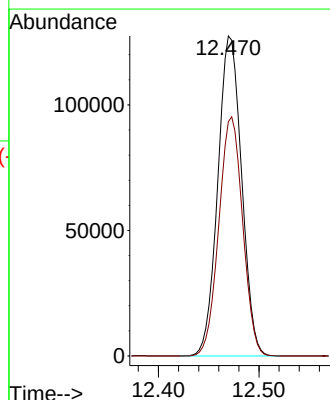
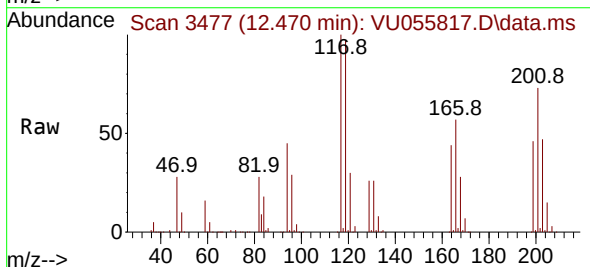
Manual Integrations
APPROVED

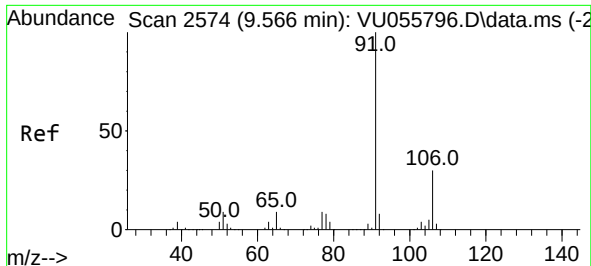
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
Hexachloroethane
Concen: 8.994 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion:117 Resp: 209883
Ion Ratio Lower Upper
117 100
201 74.8 59.6 89.4





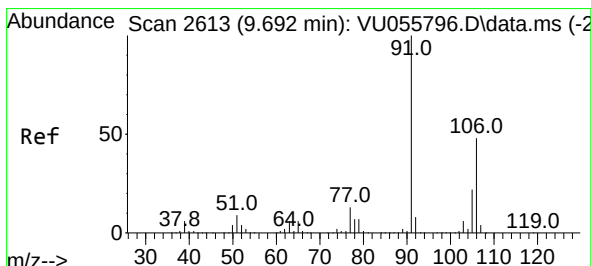
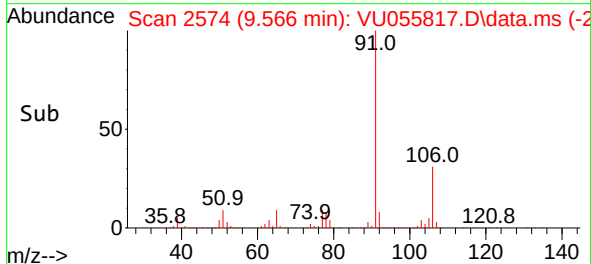
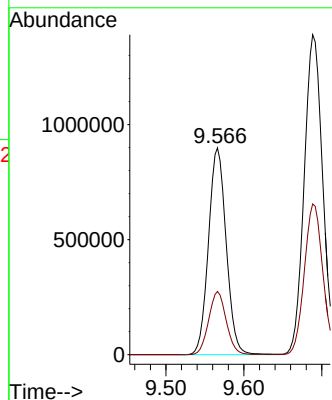
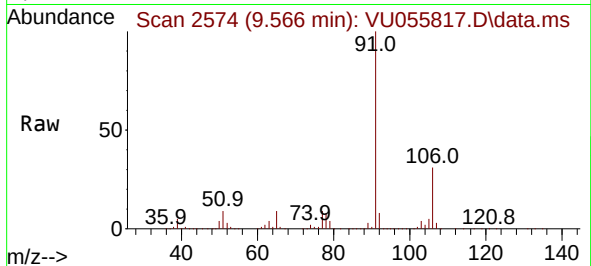
#63
Ethyl Benzene
Concen: 10.619 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 141900
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2

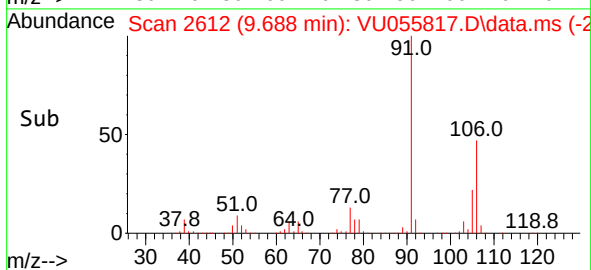
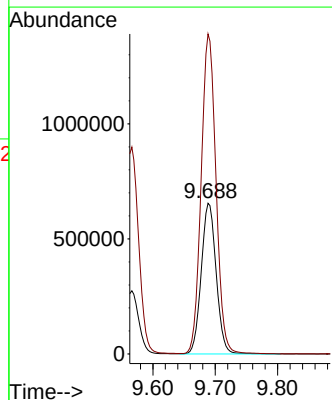
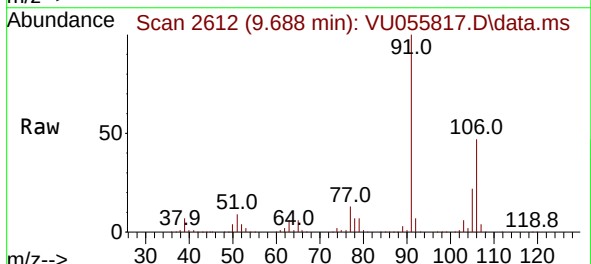
Manual Integrations
APPROVED

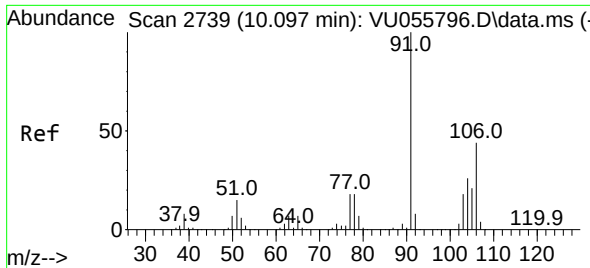
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
m/p-Xylenes
Concen: 21.169 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion:106 Resp: 1087388
Ion Ratio Lower Upper
106 100
91 211.8 167.3 250.9





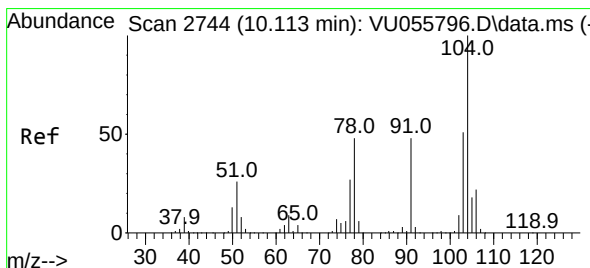
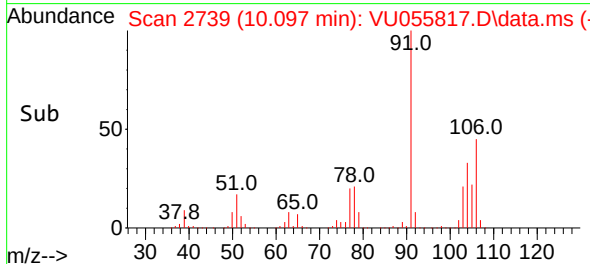
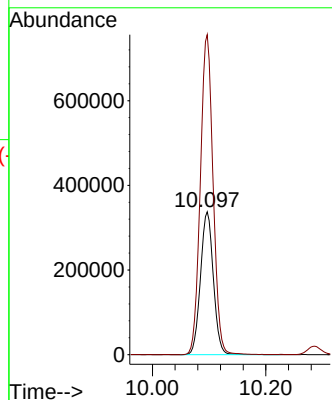
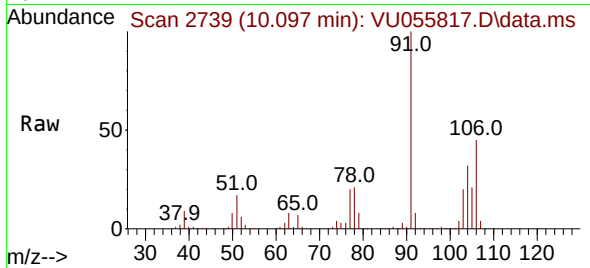
#65
o-Xylene
Concen: 10.529 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 530682
Ion Ratio Lower Upper
106 100
91 222.7 109.3 327.9

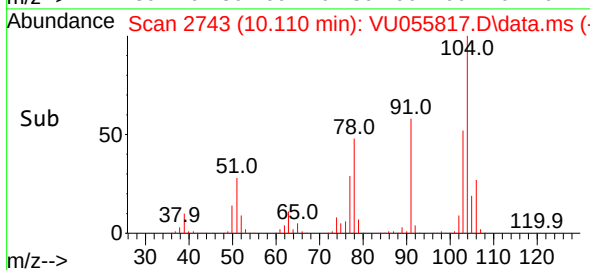
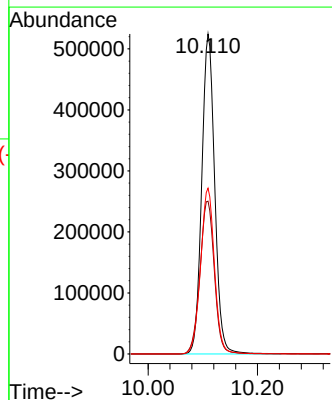
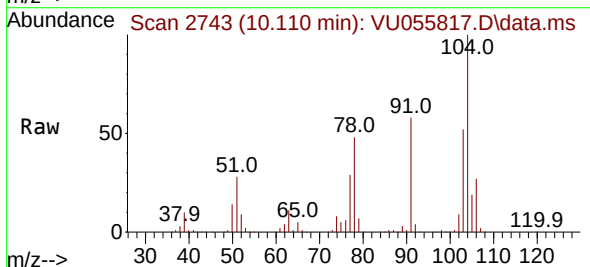
Manual Integrations
APPROVED

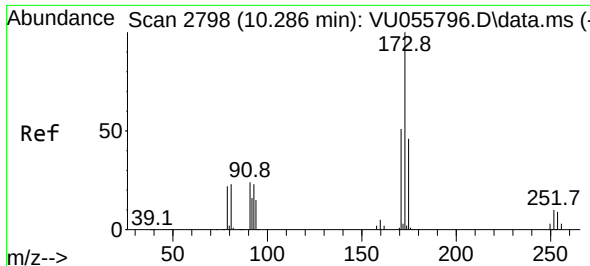
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
Styrene
Concen: 10.940 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

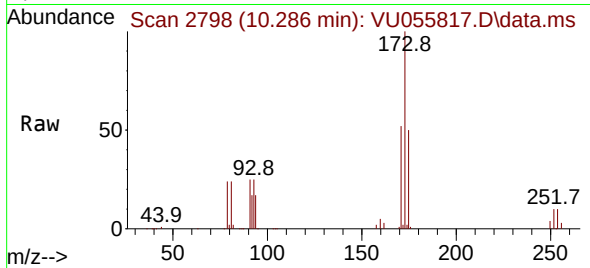
Tgt Ion:104 Resp: 862328
Ion Ratio Lower Upper
104 100
78 53.0 39.7 59.5
103 55.6 44.8 67.2





#67
Bromoform
Concen: 9.858 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

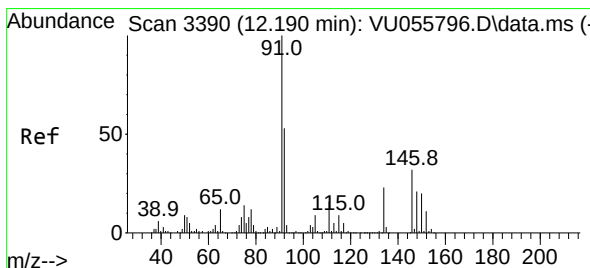
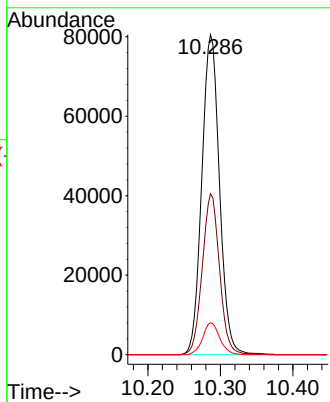
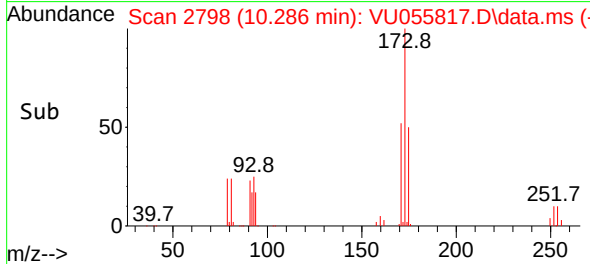
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 13649
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
254 9.6 7.4 11.0

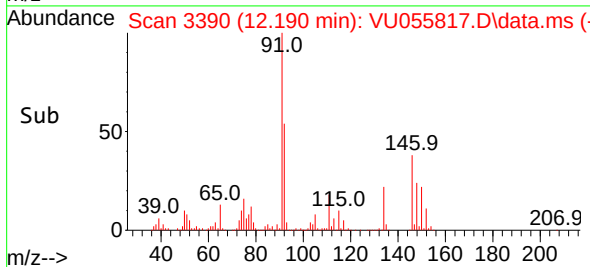
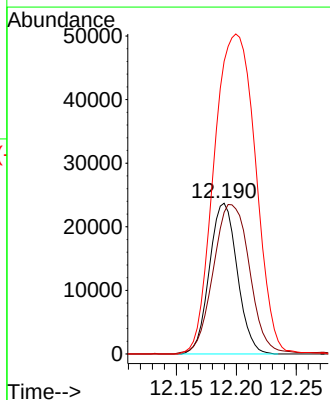
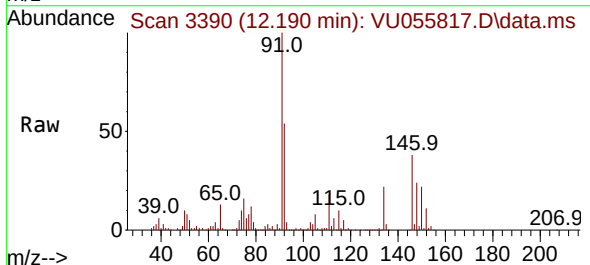
Manual Integrations
APPROVED

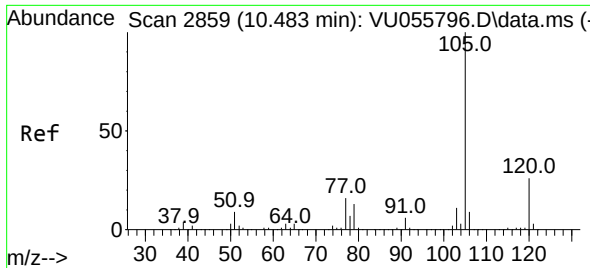
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.054 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion:152 Resp: 38273
Ion Ratio Lower Upper
152 100
115 129.5 0.0 308.8
150 316.5 0.0 635.0





#69
Isopropylbenzene
Concen: 10.736 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

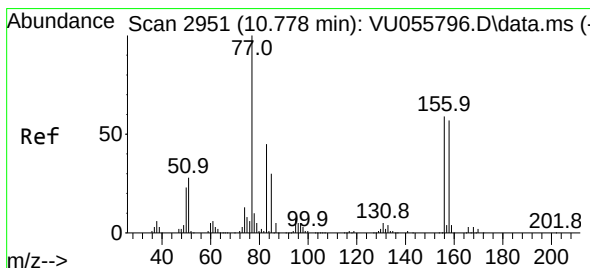
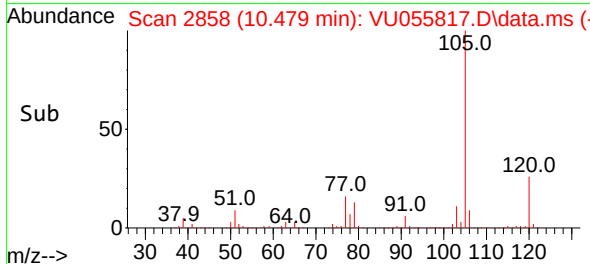
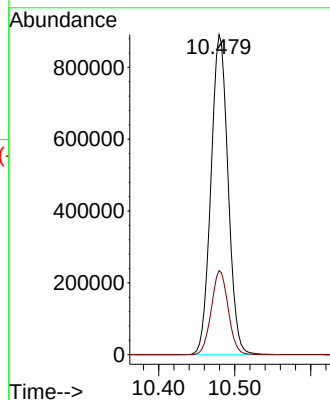
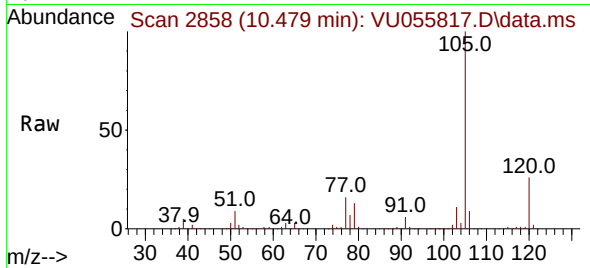
ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 1393058
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4

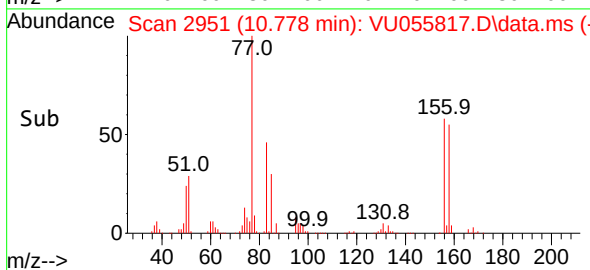
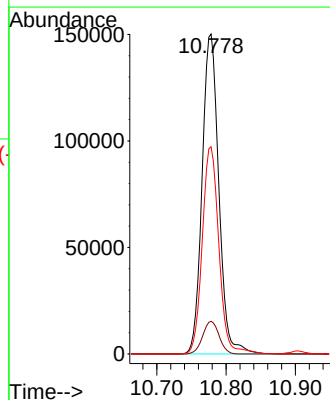
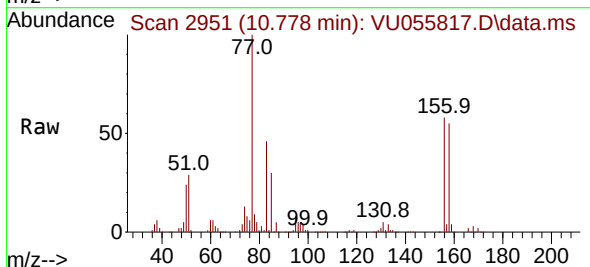
Manual Integrations
APPROVED

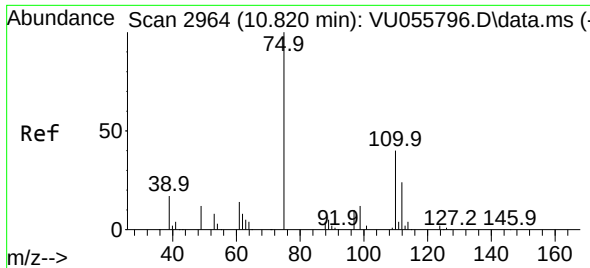
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.041 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

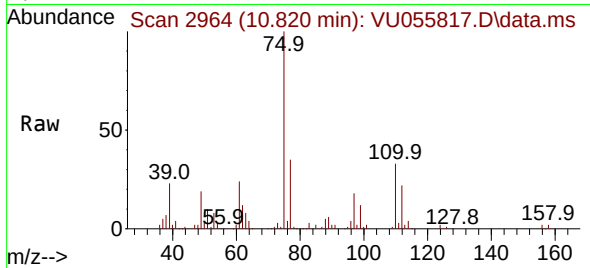
Tgt Ion: 83 Resp: 250757
Ion Ratio Lower Upper
83 100
131 10.0 7.2 10.8
85 64.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 10.207 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

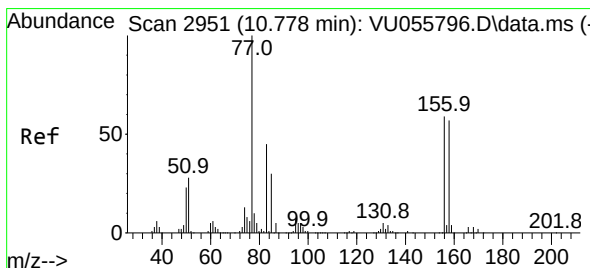
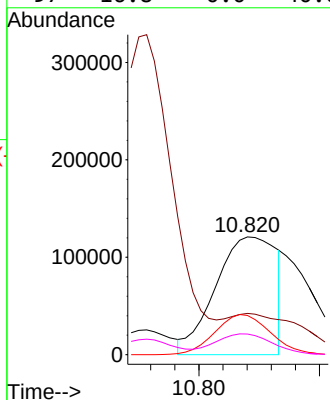
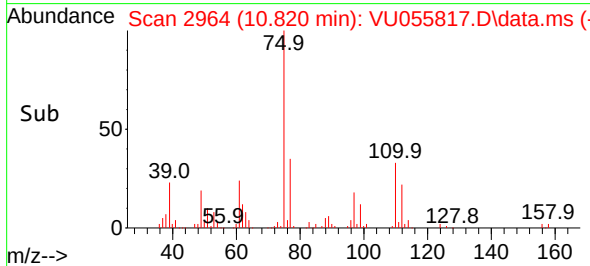
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



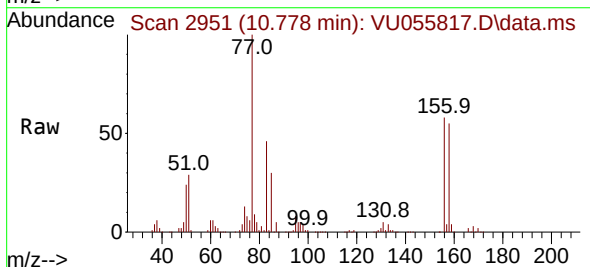
Tgt Ion: 75 Resp: 211277
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 31.4 0.0 74.6
97 16.8 0.0 40.0

Manual Integrations
APPROVED

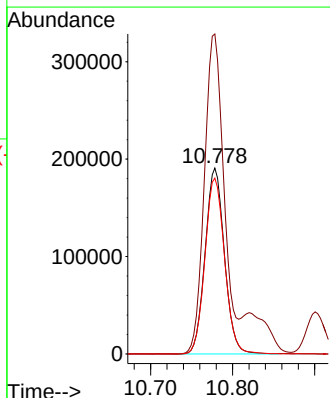
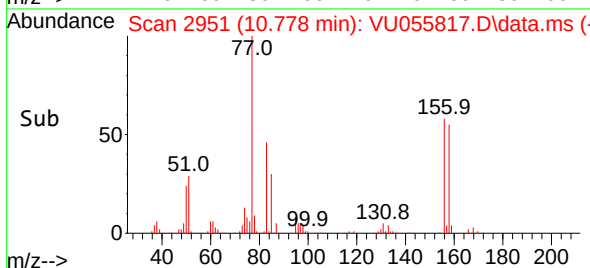
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

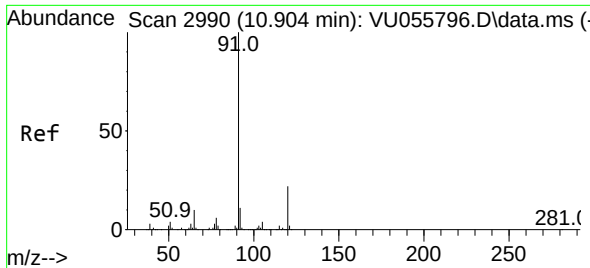


#72
Bromobenzene
Concen: 10.054 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion:156 Resp: 311309
Ion Ratio Lower Upper
156 100
77 173.9 0.0 343.0
158 96.9 0.0 194.8





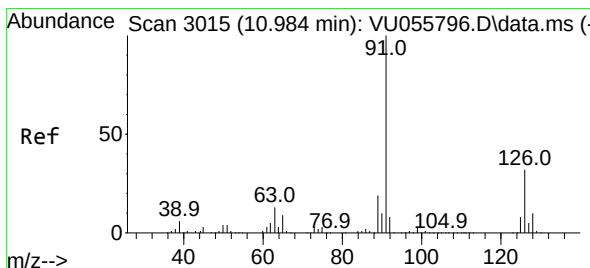
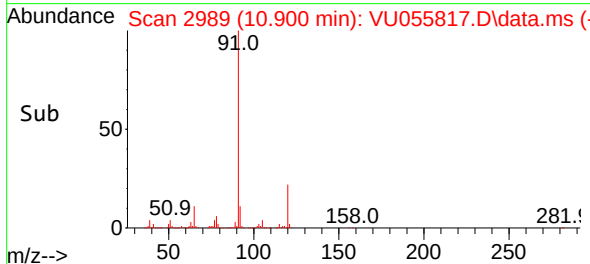
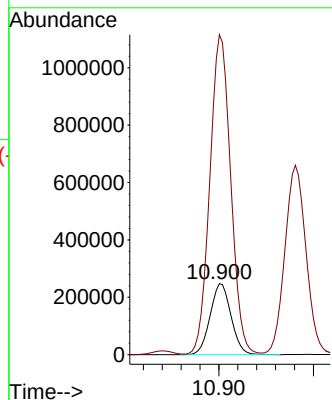
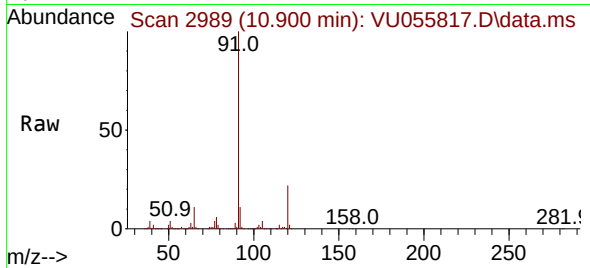
#73
n-propylbenzene
Concen: 9.228 ug/l
RT: 10.900 min Scan# 2990
Delta R.T. -0.004 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 379638
Ion Ratio Lower Upper
120 100
91 448.7 369.8 554.6

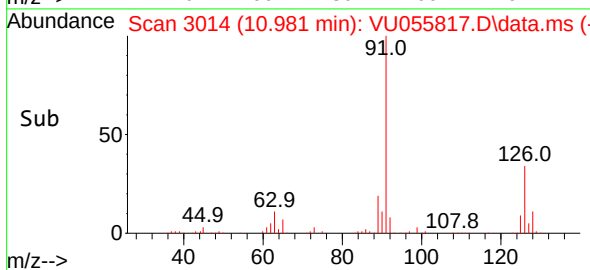
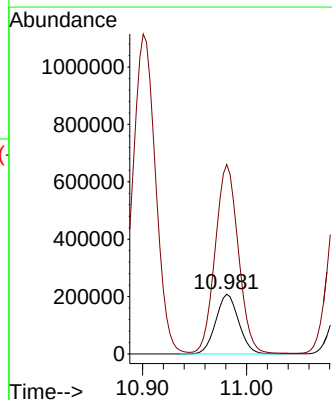
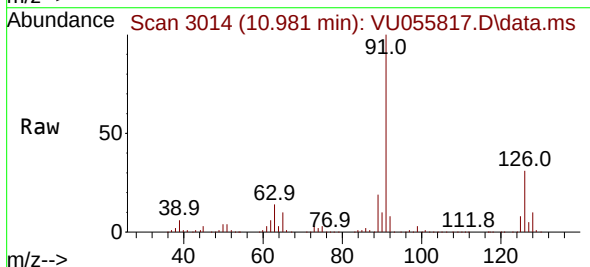
Manual Integrations
APPROVED

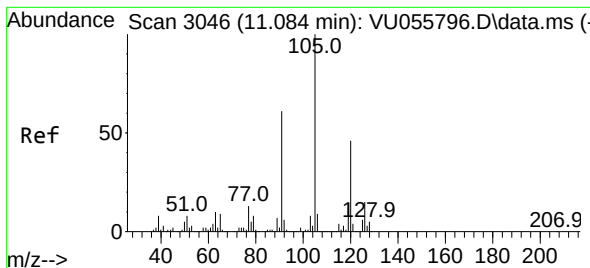
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#74
2-Chlorotoluene
Concen: 10.274 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

Tgt Ion:126 Resp: 319578
Ion Ratio Lower Upper
126 100
91 319.4 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 9.145 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055817.D

Acq: 19 Oct 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 121854

Ion Ratio Lower Upper

105 100

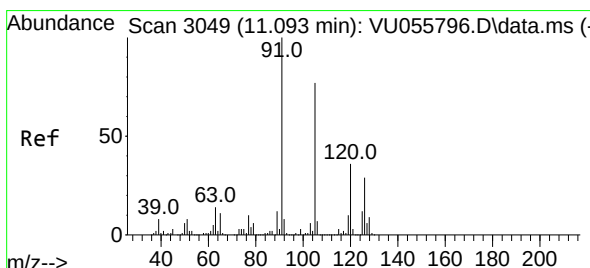
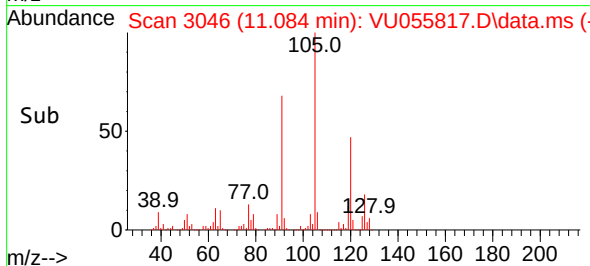
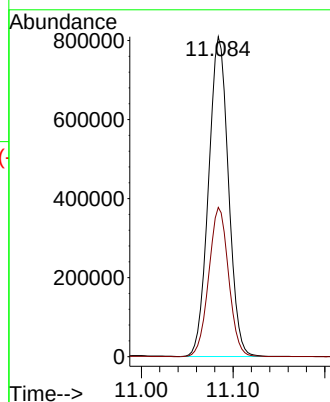
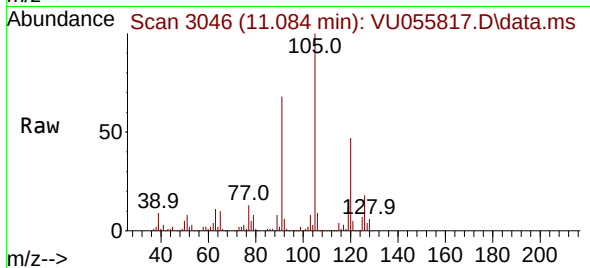
120 46.6 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#76

4-Chlorotoluene

Concen: 10.484 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU055817.D

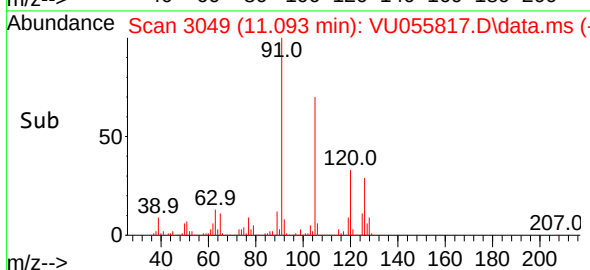
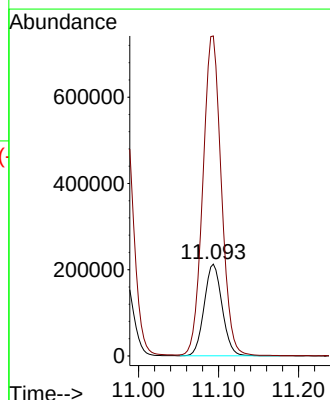
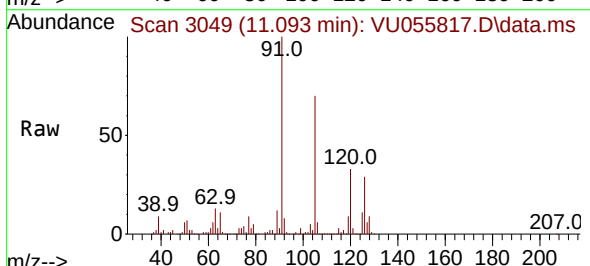
Acq: 19 Oct 2023 18:29

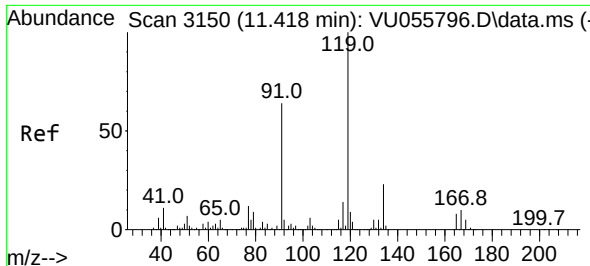
Tgt Ion:126 Resp: 332348

Ion Ratio Lower Upper

126 100

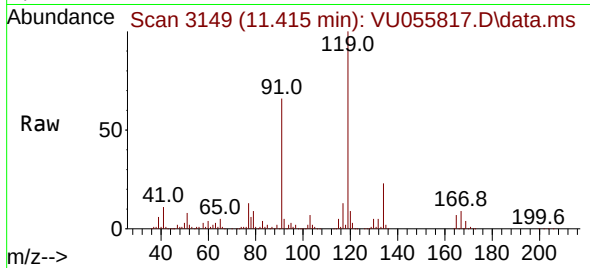
91 360.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 9.119 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

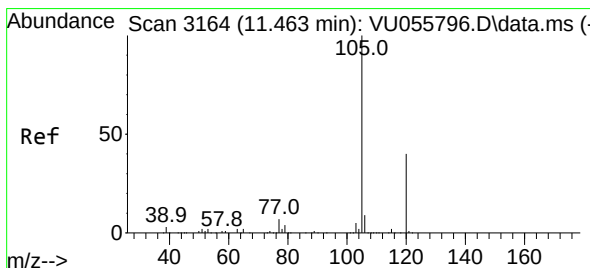
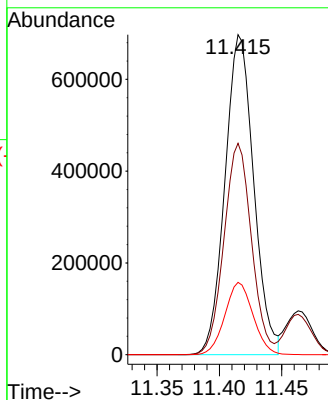
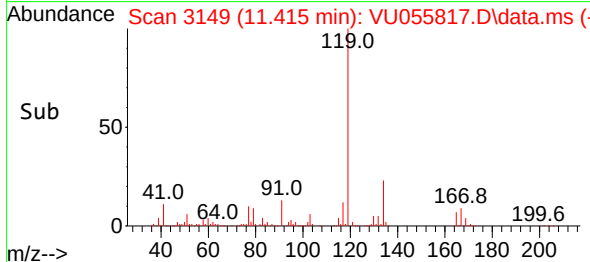
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 111934
Ion Ratio Lower Upper
119 100
91 63.2 30.8 92.4
134 22.2 18.0 27.0

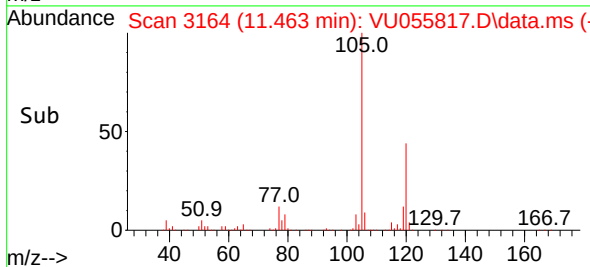
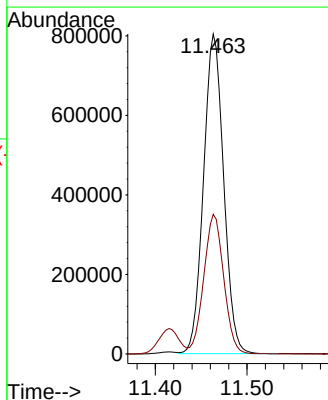
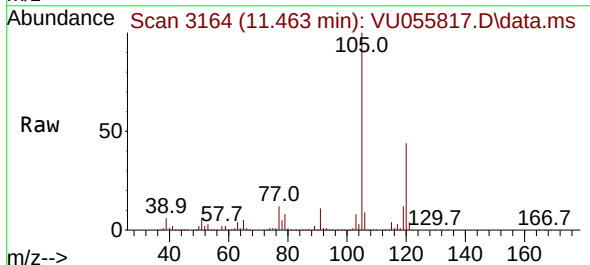
Manual Integrations
APPROVED

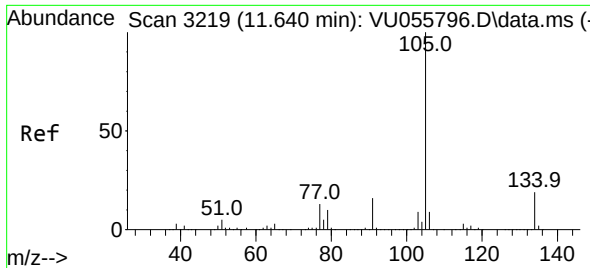
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#78
1,2,4-Trimethylbenzene
Concen: 9.150 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

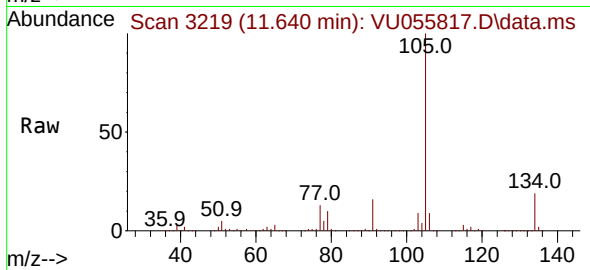
Tgt Ion:105 Resp: 1225138
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 9.078 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055817.D
 Acq: 19 Oct 2023 18:29

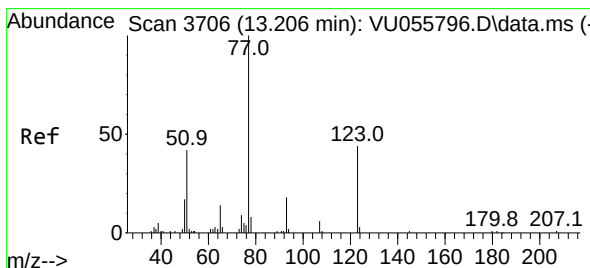
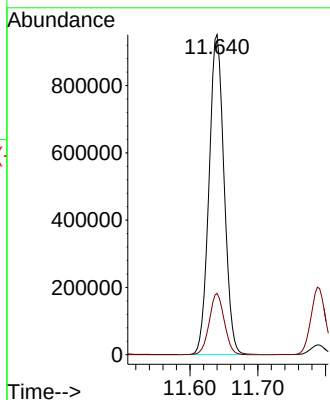
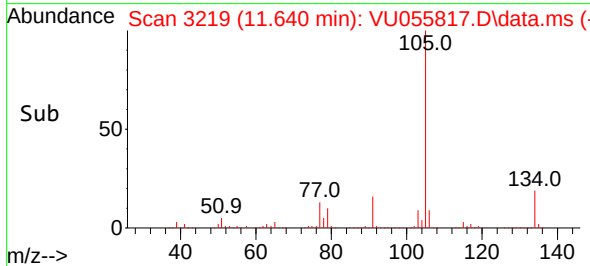
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



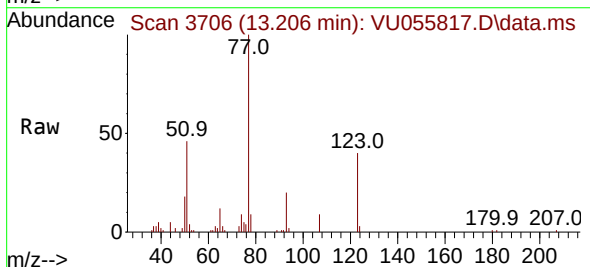
Tgt Ion:105 Resp: 146476
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.9 22.3

Manual Integrations
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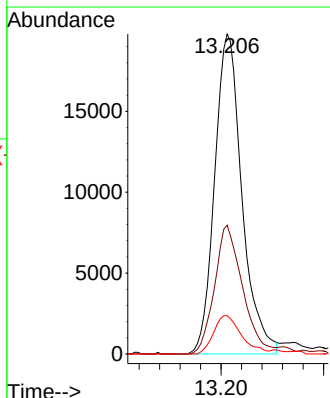
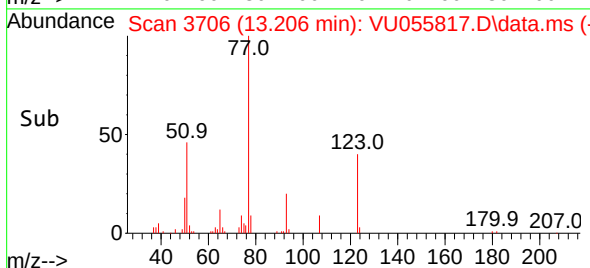
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023

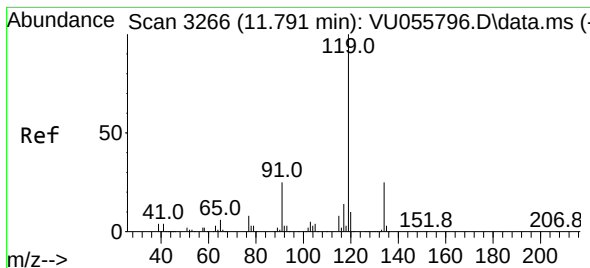


#80
 Nitrobenzene
 Concen: 42.660 ug/l m
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU055817.D
 Acq: 19 Oct 2023 18:29



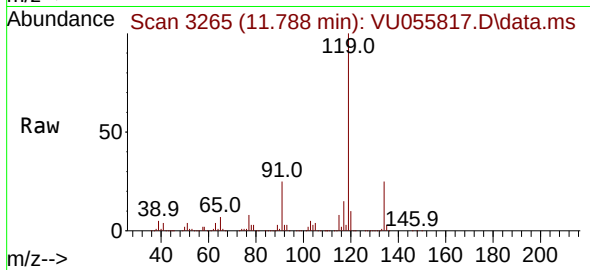
Tgt Ion: 77 Resp: 36528
 Ion Ratio Lower Upper
 77 100
 123 38.6 19.7 69.7
 65 11.1 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 8.987 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

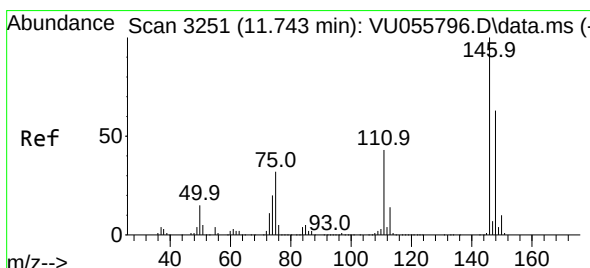
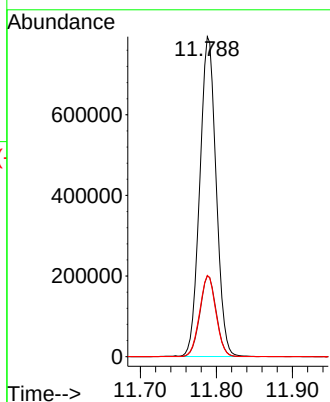
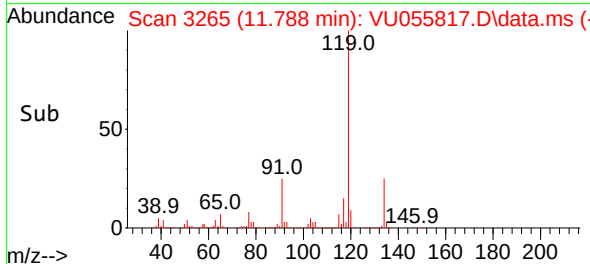
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 118272
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 25.2 19.3 28.9

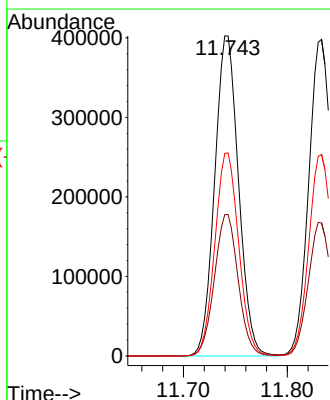
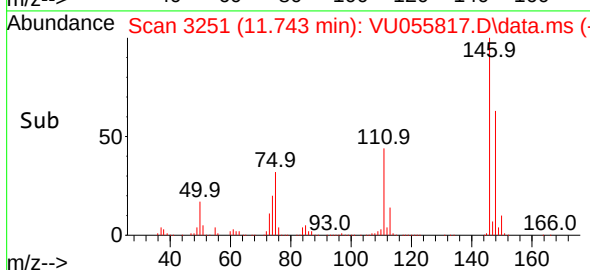
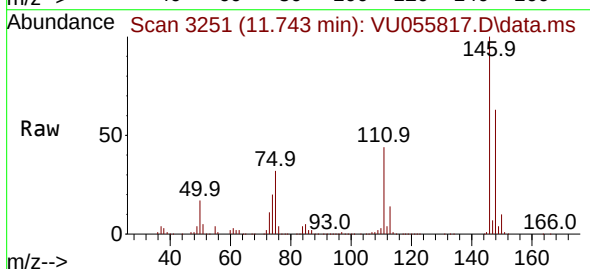
Manual Integrations
APPROVED

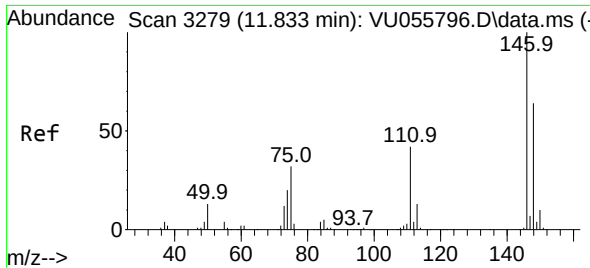
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
1,3-Dichlorobenzene
Concen: 10.173 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

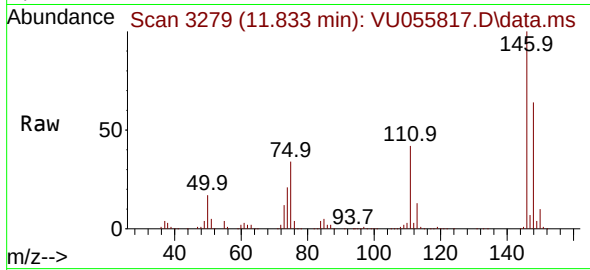
Tgt Ion:146 Resp: 642933
Ion Ratio Lower Upper
146 100
111 44.0 32.6 49.0
148 63.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.374 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

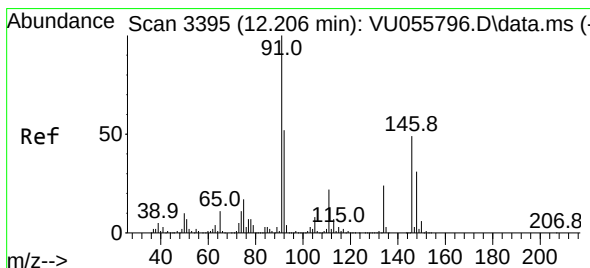
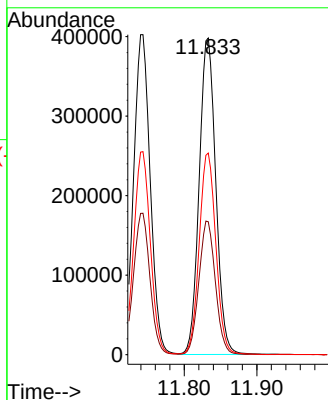
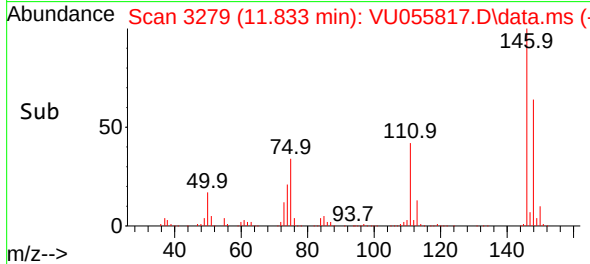
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



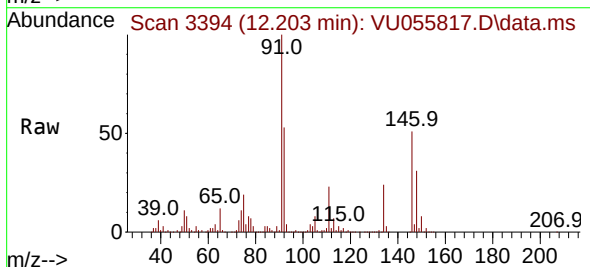
Tgt Ion:146 Resp: 634515
Ion Ratio Lower Upper
146 100
111 41.7 31.6 47.4
148 63.8 50.3 75.5

Manual Integrations
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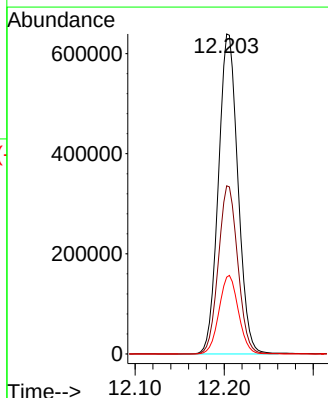
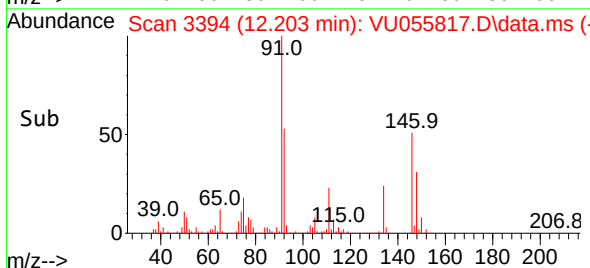
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

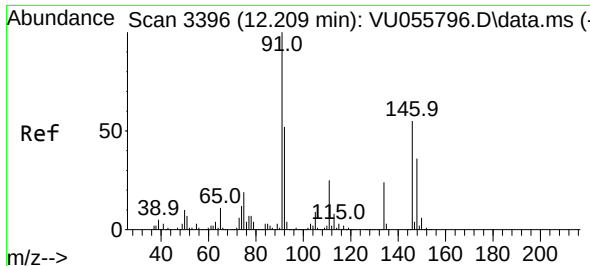


#84
n-Butylbenzene
Concen: 8.691 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



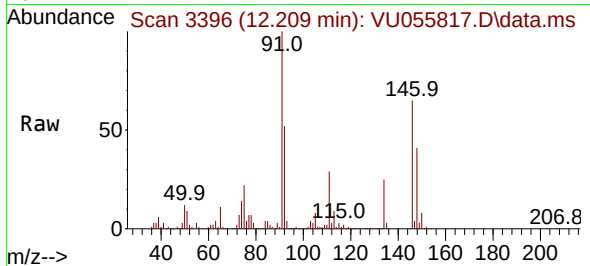
Tgt Ion: 91 Resp: 971783
Ion Ratio Lower Upper
91 100
92 52.5 40.8 61.2
134 24.4 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 10.349 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

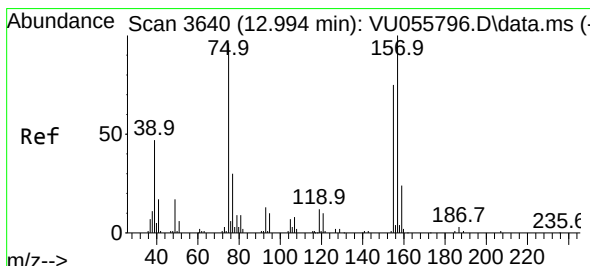
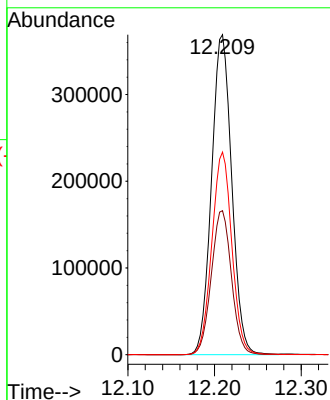
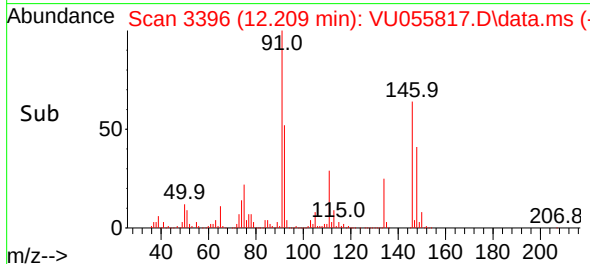
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



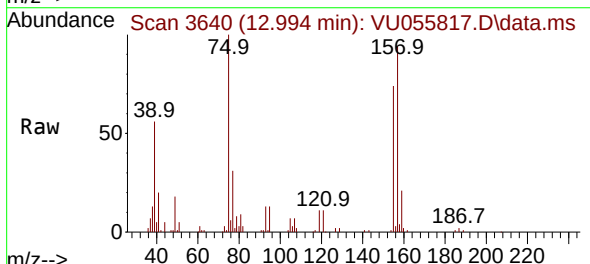
Tgt Ion:146 Resp: 59772
Ion Ratio Lower Upper
146 100
111 44.9 21.6 64.6
148 62.8 32.1 96.5

Manual Integrations
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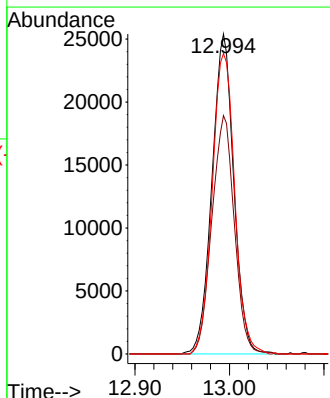
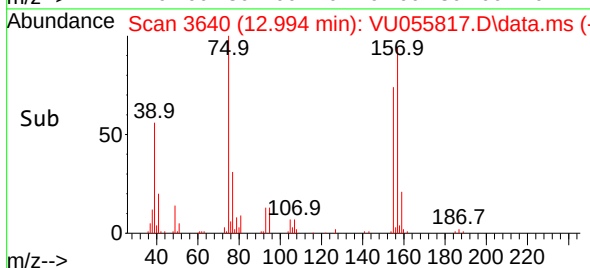
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

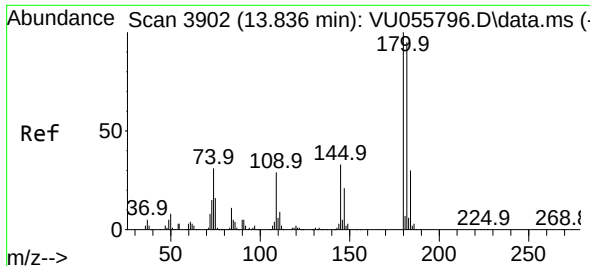


#86
1,2-Dibromo-3-Chloropropane
Concen: 11.423 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



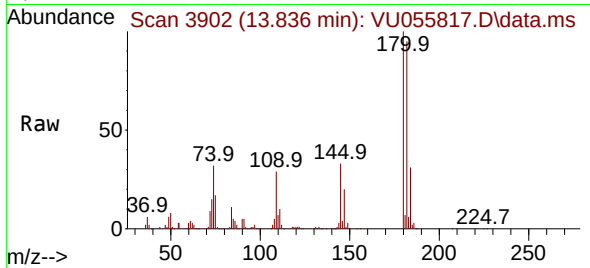
Tgt Ion: 75 Resp: 40725
Ion Ratio Lower Upper
75 100
155 76.6 61.8 92.8
157 96.4 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 9.238 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

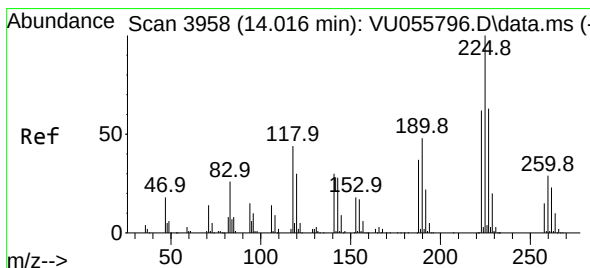
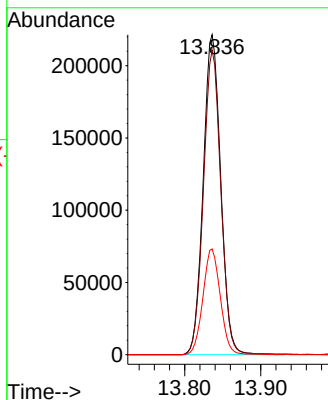
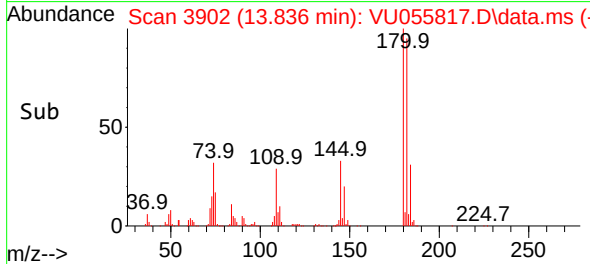
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



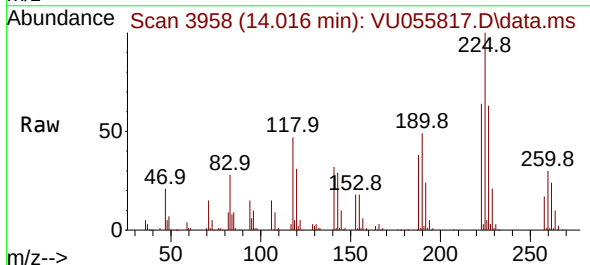
Tgt Ion:180 Resp: 353970
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 32.8 23.9 35.9

Manual Integrations
APPROVED

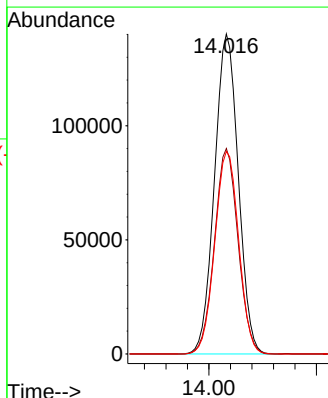
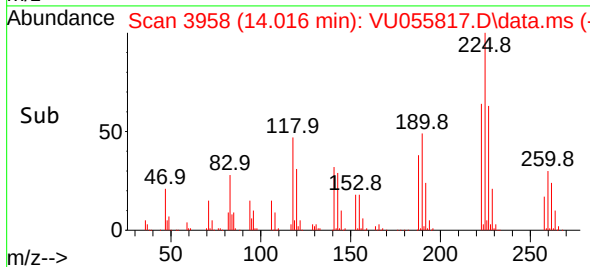
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

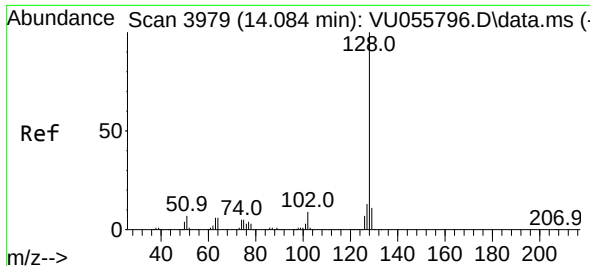


#88
Hexachlorobutadiene
Concen: 9.888 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



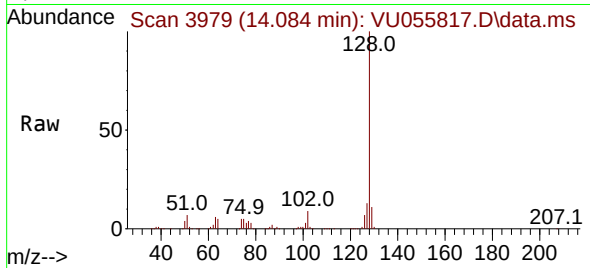
Tgt Ion:225 Resp: 215490
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 63.6 51.5 77.3





#89
Naphthalene
Concen: 8.771 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29

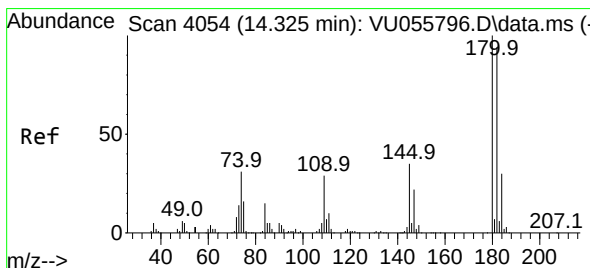
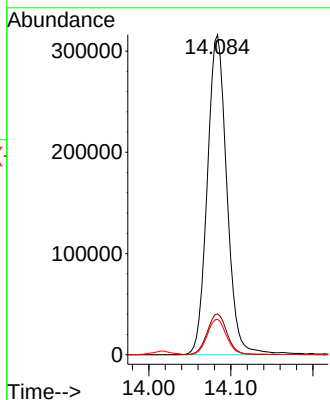
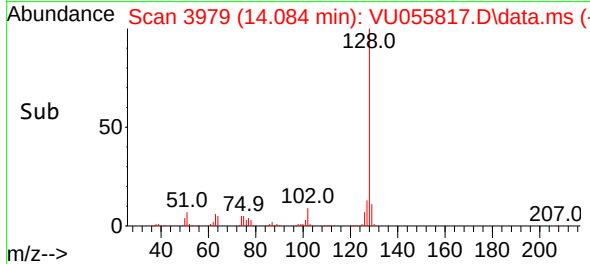
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



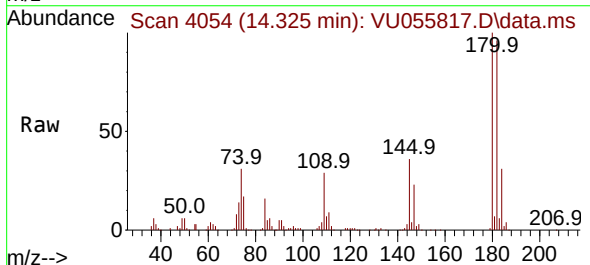
Tgt Ion:128 Resp: 521898
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#90
1,2,3-Trichlorobenzene
Concen: 9.154 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055817.D
Acq: 19 Oct 2023 18:29



Tgt Ion:180 Resp: 303762
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 35.4 26.1 39.1

