

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
 Data File : VU055808.D
 Acq On : 19 Oct 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 20 01:36:36 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.113	96	85267	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	41668	1.239	ug/l	0.00
Spiked Amount 1.000			Recovery	=	124.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	31723	1.018	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	304419	9.194	ug/l	100
3) Chloromethane	1.518	50	221182	7.816	ug/l	99
4) Vinyl Chloride	1.602	62	225865	7.788	ug/l	99
5) Bromomethane	1.856	94	140662	8.812	ug/l	98
6) Chloroethane	1.930	64	114095	8.122	ug/l	97
7) Trichlorofluoromethane	2.136	101	342597	8.957	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	239807	9.405	ug/l	95
9) 1,1-Dichloroethene	2.579	96	221641	9.320	ug/l	90
10) Iodomethane	2.718	142	355768	10.039	ug/l	98
11) Allyl Chloride	2.920	41	285605	9.238	ug/l	96
12) Acrylonitrile	3.319	53	86367	19.326	ug/l	97
13) Acetone	2.637	43	373733	39.201	ug/l	96
14) Carbon Disulfide	2.792	76	726569	9.359	ug/l	100
15) Methylene Chloride	3.042	84	253054	9.021	ug/l	92
16) trans-1,2-Dichloroethene	3.351	96	244657	9.706	ug/l	93
17) 1,1-Dichloroethane	3.865	63	442381	9.437	ug/l	100
18) 2-Butanone	4.705	43	429344	41.799	ug/l	98
19) Cyclohexane	5.386	56	398235m	9.959	ug/l	
20) Methylcyclohexane	6.759	83	426961	10.276	ug/l	97
21) 2,2-Dichloropropane	4.660	77	376589	9.540	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	261307	9.726	ug/l	99
23) Diethyl Ether	2.374	59	112086	7.884	ug/l	93
24) tert-Butyl Alcohol	3.232	59	131494m	90.176	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	506995	9.907	ug/l	96
26) Bromochloromethane	4.972	128	109933	9.655	ug/l	96
27) Chloroform	5.084	83	458825	9.538	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	420761	9.759	ug/l	97
29) 1,1-Dichloropropene	5.521	75	339191	9.933	ug/l	99
30) Carbon Tetrachloride	5.521	117	367689	9.769	ug/l	100
31) Isopropyl Ether	3.984	45	611906	9.717	ug/l	93
32) Ethyl-t-butyl ether	4.496	59	603434	9.926	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	519433	9.970	ug/l	97
34) Propionitrile	4.785	54	81294	50.027	ug/l #	12
35) Benzene	5.769	78	997088	9.639	ug/l	99
36) 1,2-Dichloroethane	5.791	62	265242	9.442	ug/l	98
37) Trichloroethene	6.541	130	255645	9.499	ug/l	98
38) 1,2-Dichloropropane	6.785	63	254830	9.433	ug/l	99
39) Methacrylonitrile	4.972	41	60444	9.975	ug/l	95
40) Methyl acrylate	4.843	55	93711	7.462	ug/l #	92
41) Tetrahydrofuran	5.055	42	62447	18.188	ug/l	94
42) 1-Chlorobutane	5.454	56	448971	9.862	ug/l	96
43) Dibromomethane	6.917	93	120128	9.356	ug/l	97
44) Bromodichloromethane	7.103	83	326165	9.613	ug/l	99

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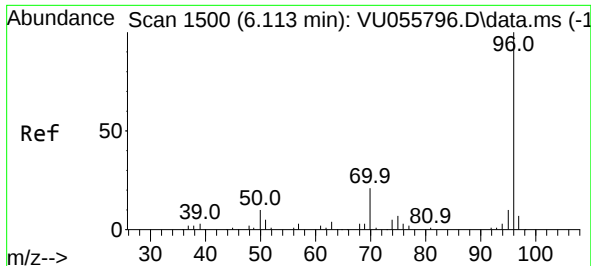
Manual Integrations
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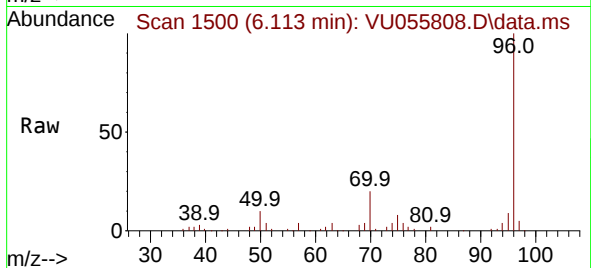
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	604601	45.533	ug/l	# 94
46) t-1,4-Dichloro-2-butene	10.827	75	121295m	22.962	ug/l	
47) Methyl methacrylate	6.955	69	217960	20.579	ug/l	92
48) Ethyl methacrylate	8.328	69	206240	8.471	ug/l	92
49) Toluene	7.965	92	617488	10.087	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	295029	9.826	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	358512	9.756	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	170733	9.310	ug/l	98
53) 1,3-Dichloropropane	8.573	76	296204	9.451	ug/l	99
54) 2-Hexanone	8.682	43	603419	40.563	ug/l	95
55) Dibromochloromethane	8.807	129	212854	9.616	ug/l	100
56) 1,2-Dibromoethane	8.920	107	159197	9.501	ug/l	99
58) Tetrachloroethene	8.550	164	260141	9.296	ug/l	98
59) Chlorobenzene	9.444	112	655370	9.693	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	231161	9.593	ug/l	98
61) Pentachloroethane	11.421	117	162223	9.947	ug/l	91
62) Hexachloroethane	12.470	117	183549	9.138	ug/l	99
63) Ethyl Benzene	9.566	91	1181824	10.300	ug/l	100
64) m/p-Xylenes	9.692	106	919043	20.836	ug/l	99
65) o-Xylene	10.097	106	439845	10.162	ug/l	97
66) Styrene	10.110	104	713407	10.540	ug/l	97
67) Bromoform	10.286	173	117145	9.853	ug/l	99
69) Isopropylbenzene	10.479	105	1157811	10.391	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	201122	9.379	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	154629m	8.699	ug/l	
72) Bromobenzene	10.778	156	256994	9.666	ug/l	100
73) n-propylbenzene	10.901	120	311529	8.839	ug/l	99
74) 2-Chlorotoluene	10.981	126	268973	10.070	ug/l	95
75) 1,3,5-Trimethylbenzene	11.084	105	1049531	9.171	ug/l	98
76) 4-Chlorotoluene	11.093	126	280146	10.291	ug/l	91
77) tert-Butylbenzene	11.415	119	932243	8.859	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	1029735	8.965	ug/l	99
79) sec-Butylbenzene	11.640	105	1213344	8.776	ug/l	100
80) Nitrobenzene	13.206	77	28454	38.979	ug/l	98
81) p-Isopropyltoluene	11.791	119	984191	8.727	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	536140	9.879	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	532111	10.131	ug/l	98
84) n-Butylbenzene	12.206	91	789232	8.251	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	494364	9.968	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	31559	10.309	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	284282	8.670	ug/l	98
88) Hexachlorobutadiene	14.016	225	198737	10.620	ug/l	99
89) Naphthalene	14.084	128	423394	8.324	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	257134	9.030	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

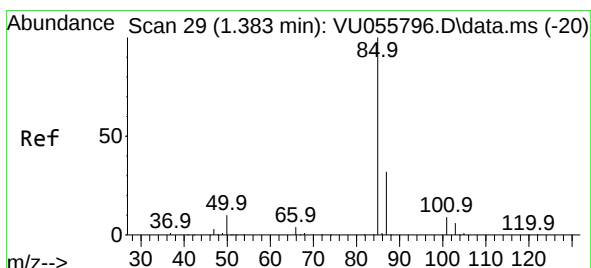
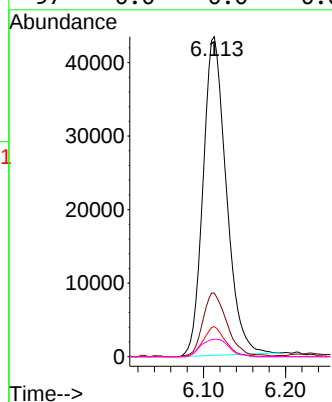
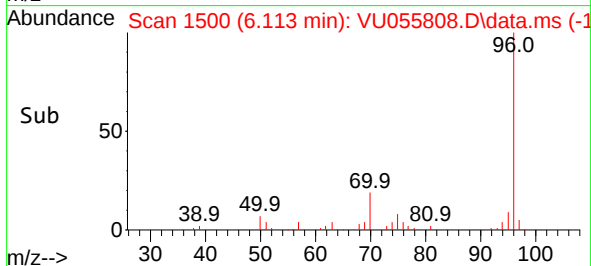
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 8526
Ion Ratio Lower Upper
96 100
70 20.7 16.5 24.7
95 9.1 7.4 11.0
97 0.0 0.0 0.0

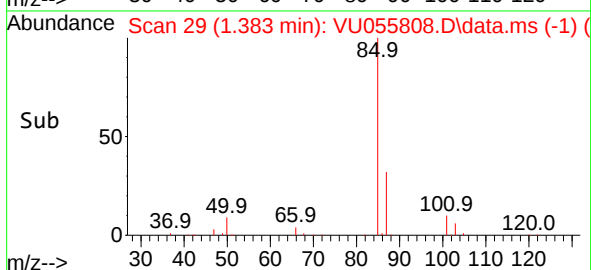
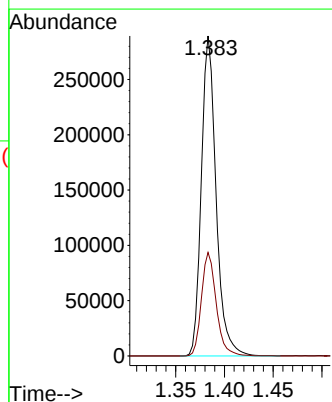
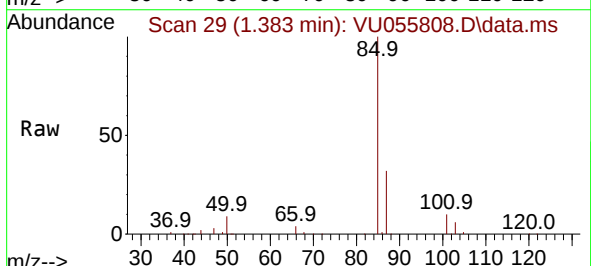
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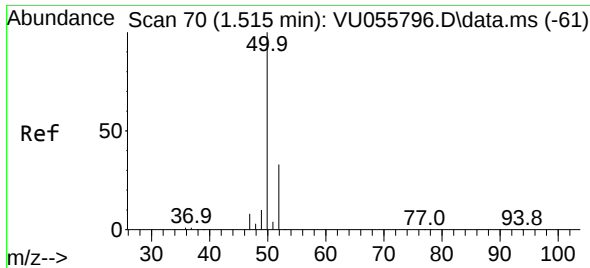
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#2
Dichlorodifluoromethane
Concen: 9.194 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

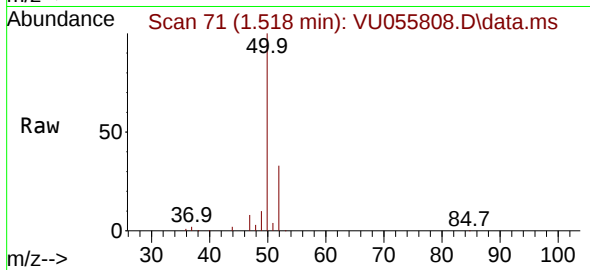
Tgt Ion: 85 Resp: 304419
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 7.816 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

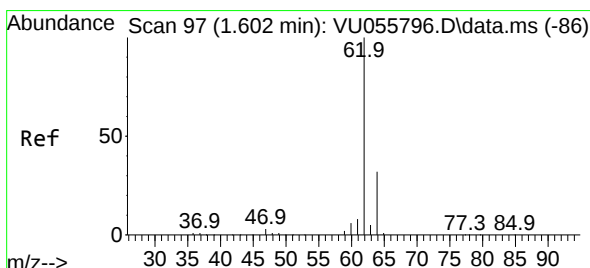
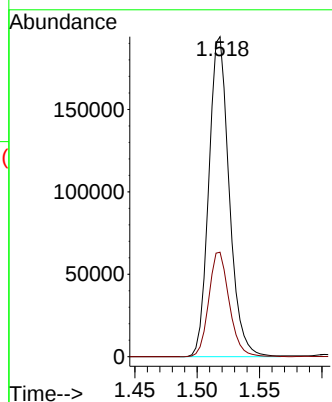
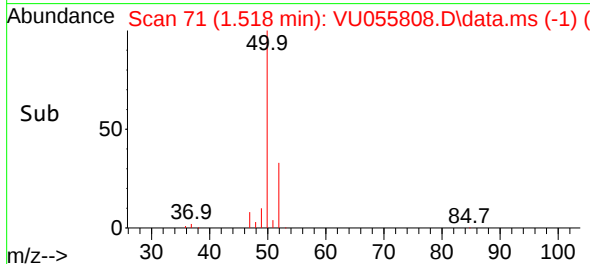
Instrument :
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ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 22118
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

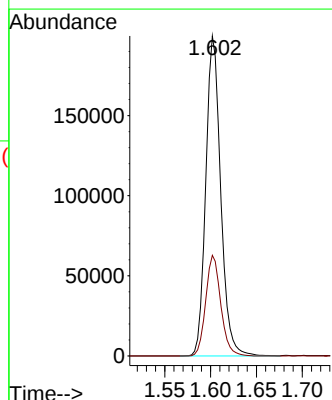
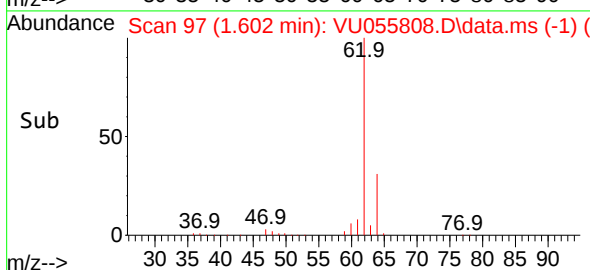
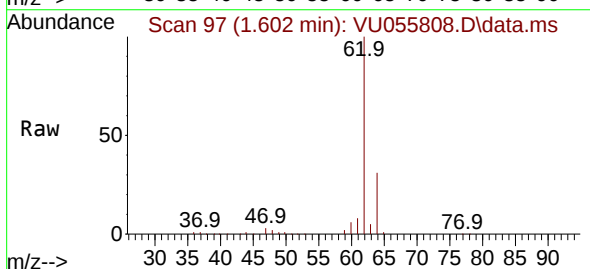
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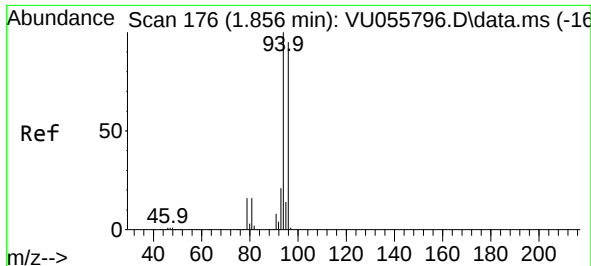
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#4
Vinyl Chloride
Concen: 7.788 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

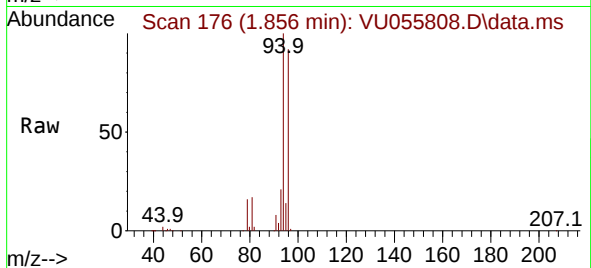
Tgt Ion: 62 Resp: 225865
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





#5
Bromomethane
Concen: 8.812 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

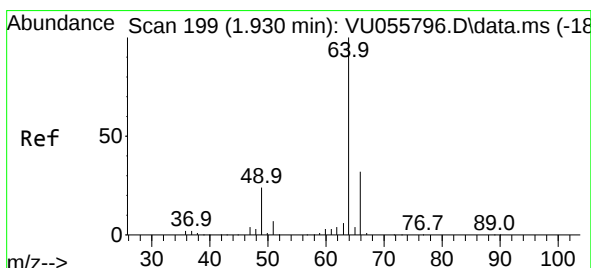
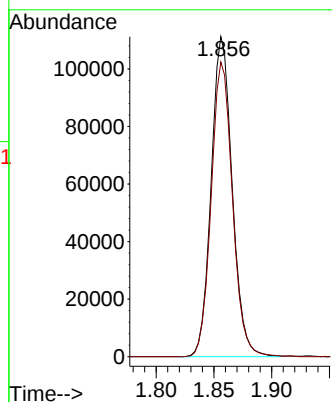
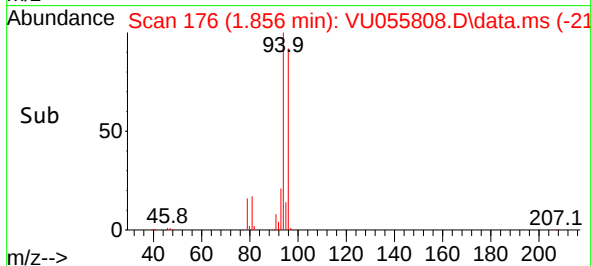
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 140662
Ion Ratio Lower Upper
94 100
96 92.1 75.4 113.2

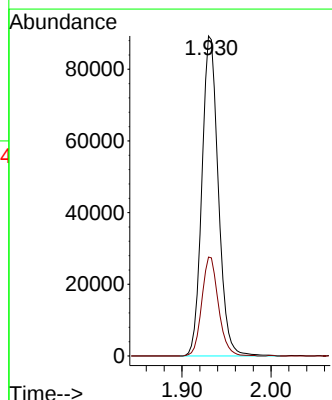
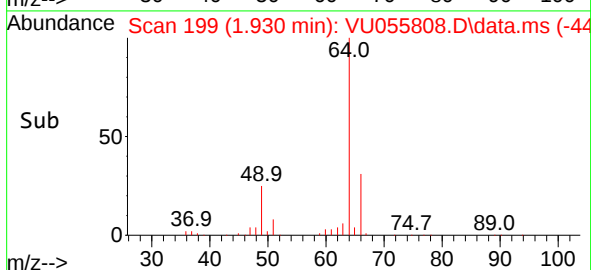
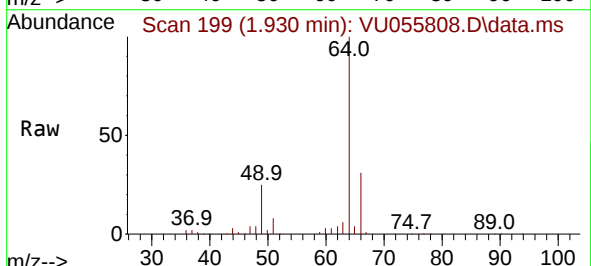
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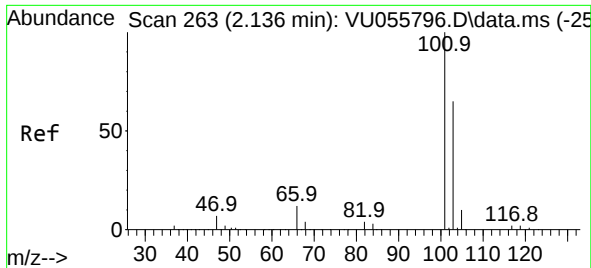
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#6
Chloroethane
Concen: 8.122 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Tgt Ion: 64 Resp: 114095
Ion Ratio Lower Upper
64 100
66 30.9 26.0 39.0





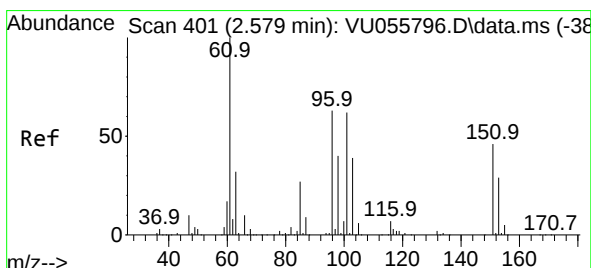
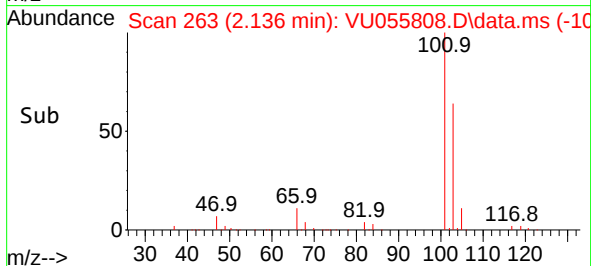
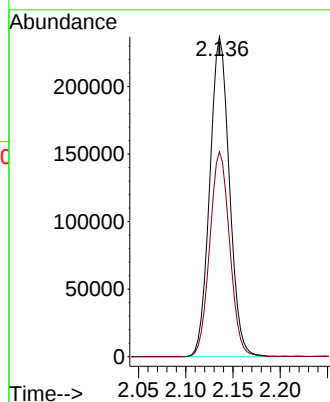
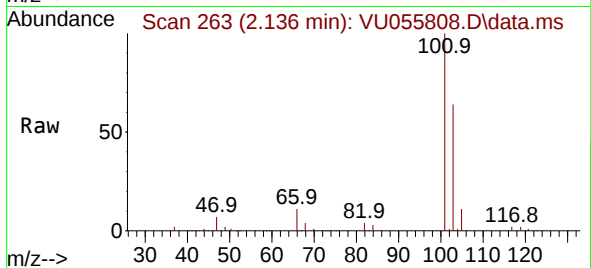
#7
 Trichlorofluoromethane
 Concen: 8.957 ug/l
 RT: 2.136 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

Instrument :
 MSVOA_U
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 VSTDCCC010

Tgt Ion:101 Resp: 34259
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0

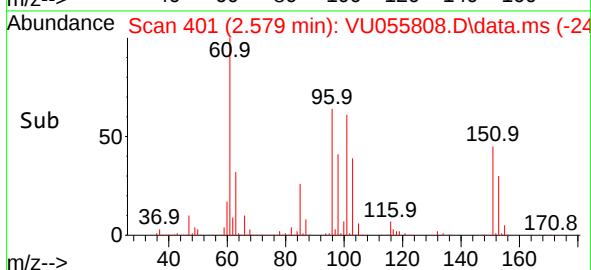
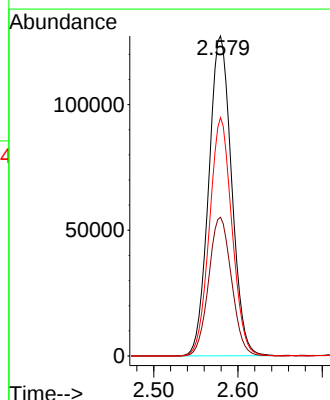
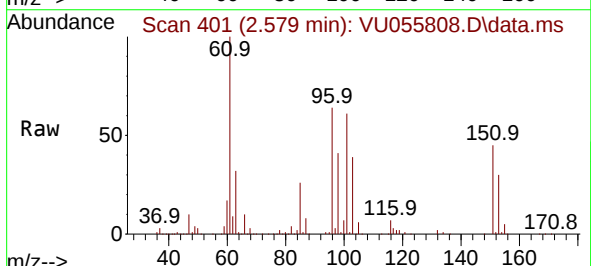
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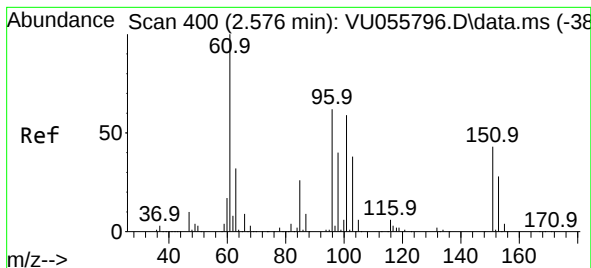
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.405 ug/l
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

Tgt Ion:101 Resp: 239807
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.4 53.0
 151 73.6 54.0 81.0





#9

1,1-Dichloroethene

Concen: 9.320 ug/l

RT: 2.579 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 22164

Ion Ratio Lower Upper

96 100

61 156.3 0.0 521.4

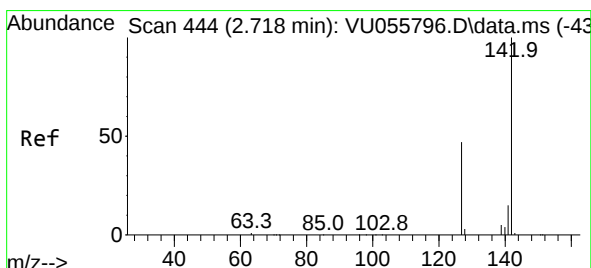
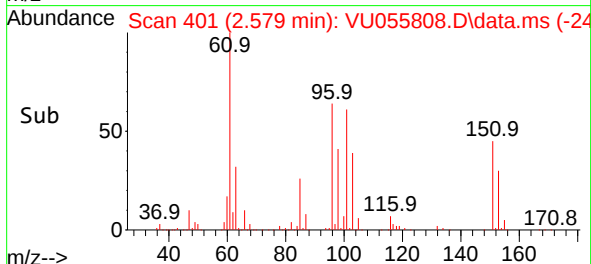
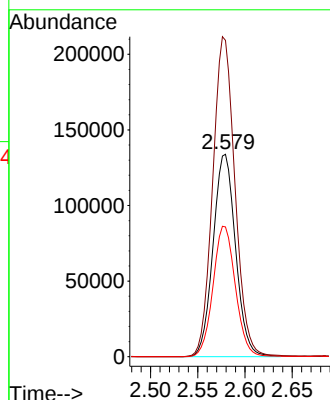
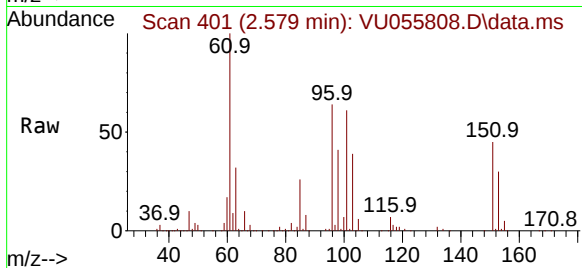
98 64.1 0.0 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#10

Iodomethane

Concen: 10.039 ug/l

RT: 2.718 min Scan# 444

Delta R.T. -0.000 min

Lab File: VU055808.D

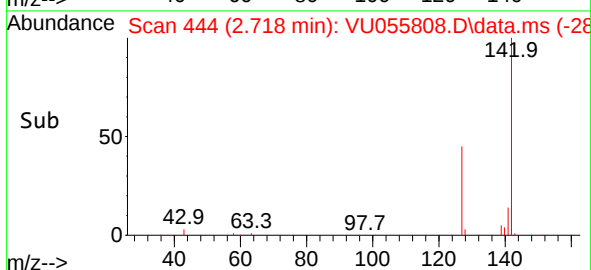
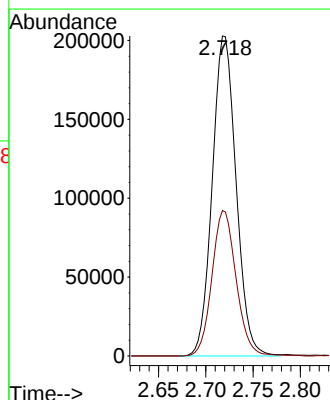
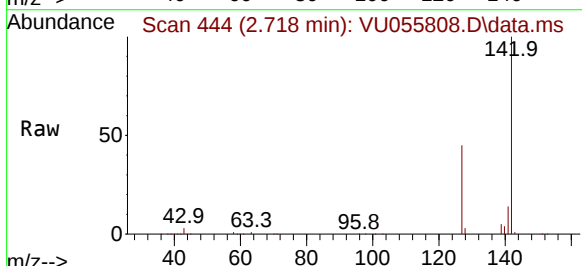
Acq: 19 Oct 2023 09:30

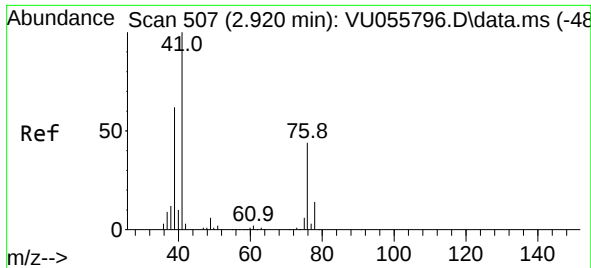
Tgt Ion:142 Resp: 355768

Ion Ratio Lower Upper

142 100

127 46.2 35.9 53.9





#11
 Allyl Chloride
 Concen: 9.238 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

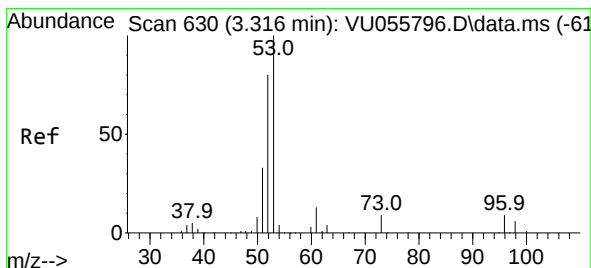
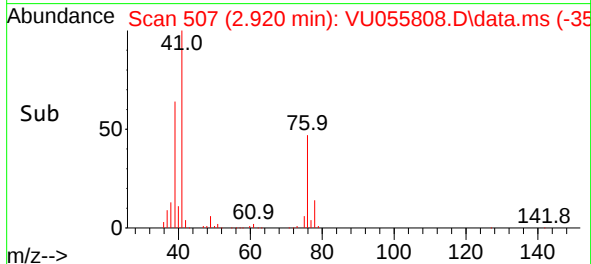
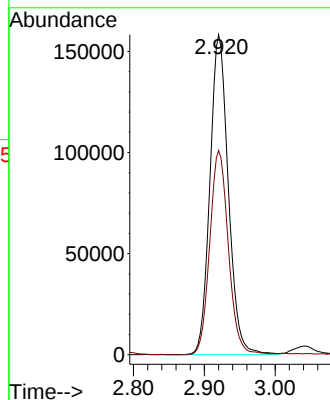
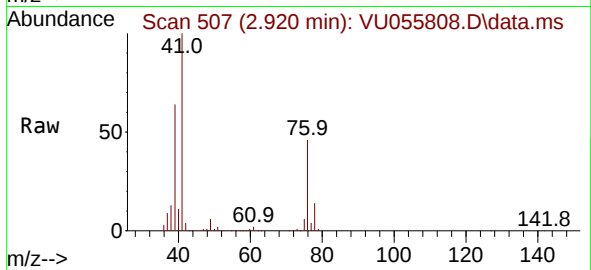
Client Sample Id :

VSTDCCC010

Tgt Ion: 41 Resp: 28560
 Ion Ratio Lower Upper
 41 100
 39 64.5 54.2 81.2

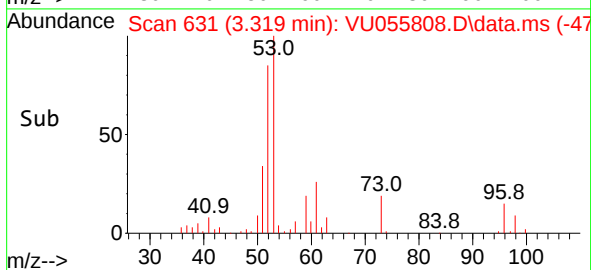
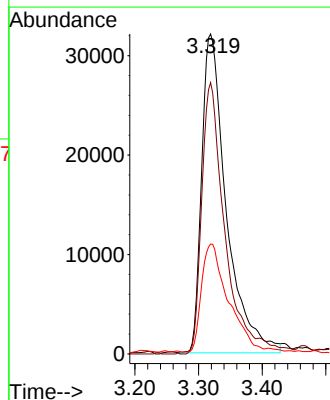
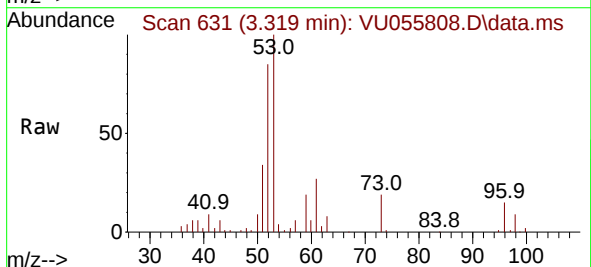
Manual Integrations
 APPROVED

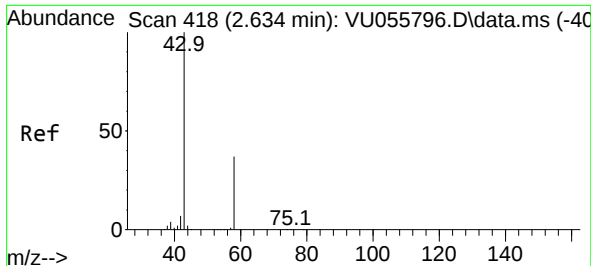
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#12
 Acrylonitrile
 Concen: 19.326 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. 0.003 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

Tgt Ion: 53 Resp: 86367
 Ion Ratio Lower Upper
 53 100
 52 80.6 62.9 94.3
 51 36.4 27.8 41.6





#13

Acetone

Concen: 39.201 ug/l

RT: 2.637 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 37373

Ion Ratio Lower Upper

43 100

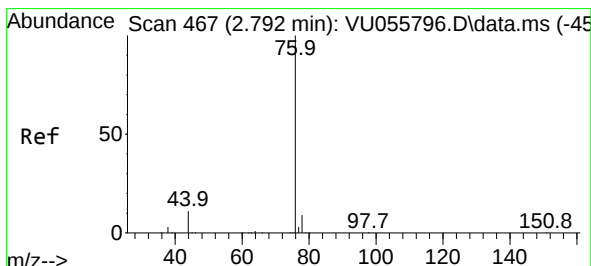
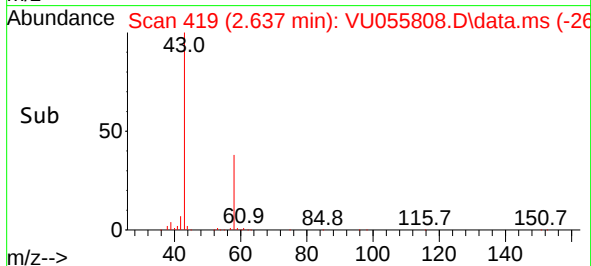
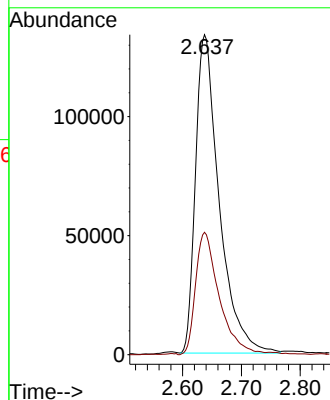
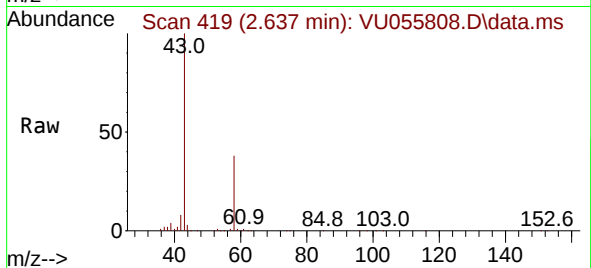
58 38.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#14

Carbon Disulfide

Concen: 9.359 ug/l

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055808.D

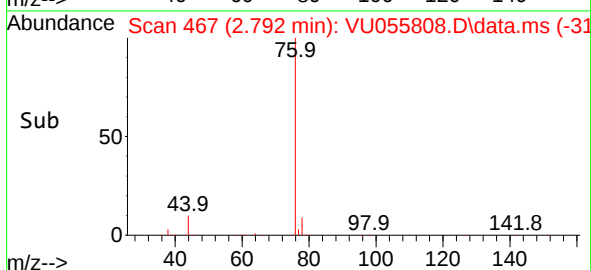
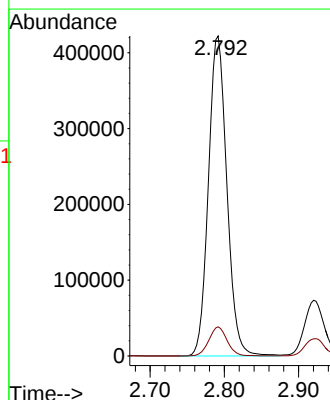
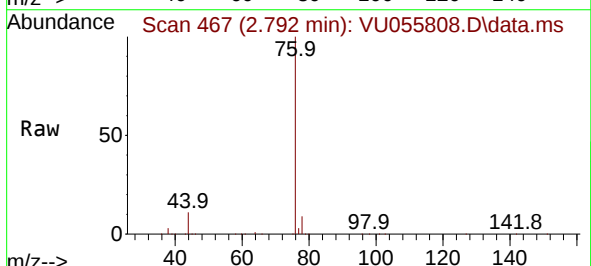
Acq: 19 Oct 2023 09:30

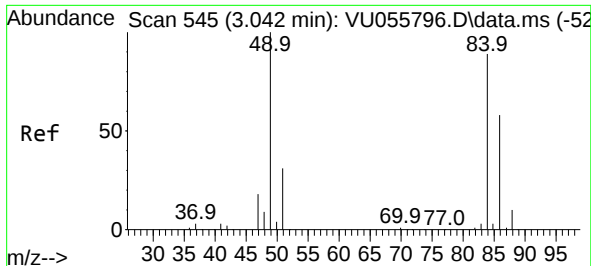
Tgt Ion: 76 Resp: 726569

Ion Ratio Lower Upper

76 100

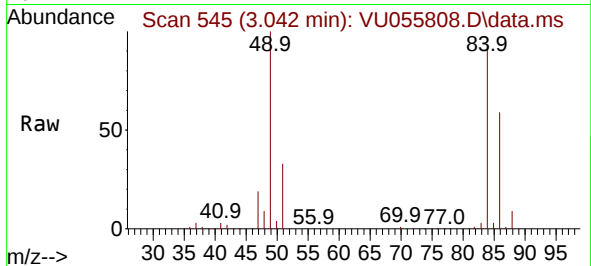
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 9.021 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

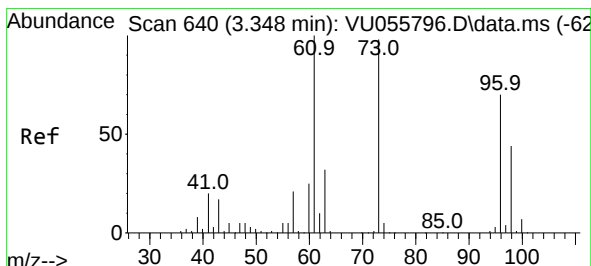
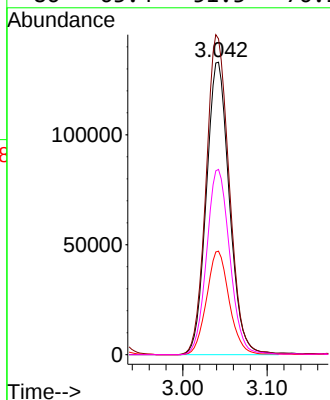
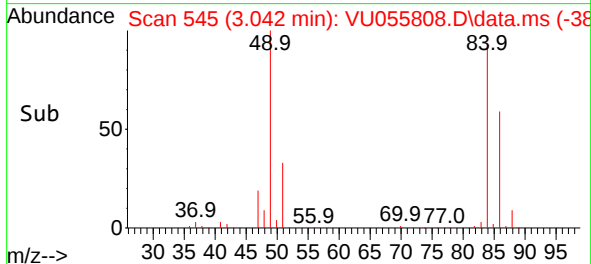
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



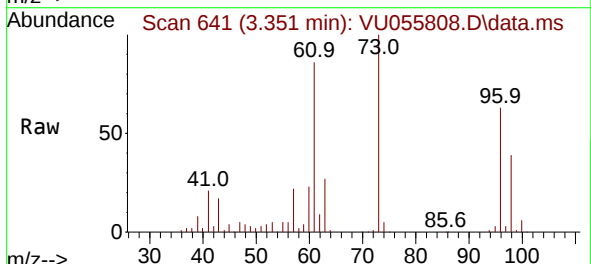
Tgt Ion: 84 Resp: 253054
Ion Ratio Lower Upper
84 100
49 108.0 98.9 148.3
51 35.4 0.0 75.4
86 63.4 51.3 76.9

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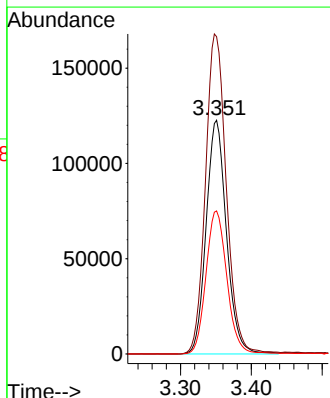
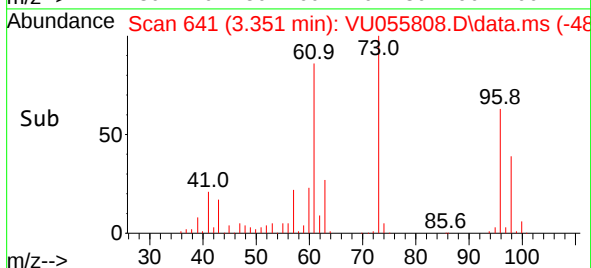
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

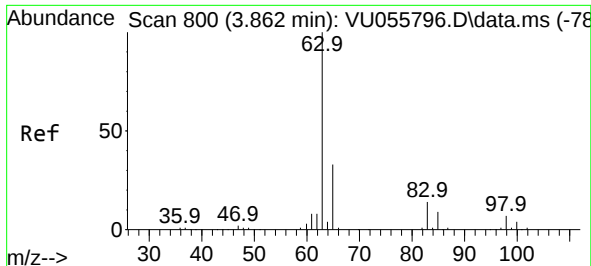


#16
trans-1,2-Dichloroethene
Concen: 9.706 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



Tgt Ion: 96 Resp: 244657
Ion Ratio Lower Upper
96 100
61 135.8 117.5 176.3
98 61.2 48.3 72.5





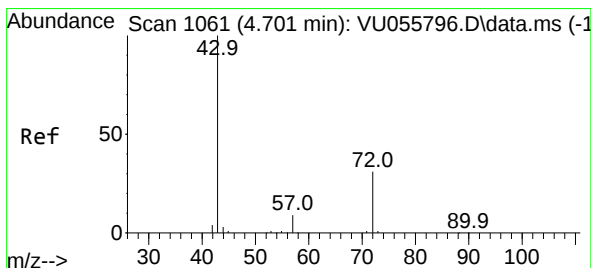
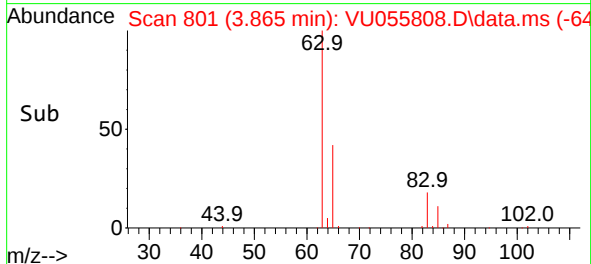
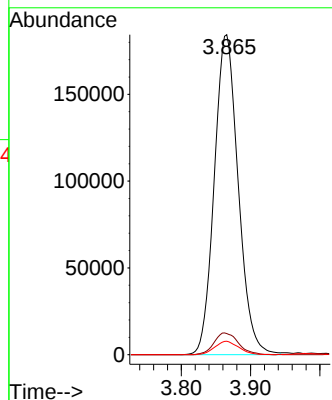
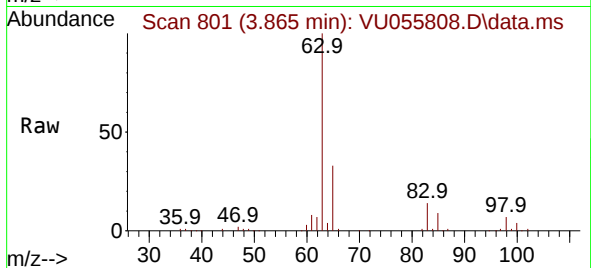
#17
1,1-Dichloroethane
Concen: 9.437 ug/l
RT: 3.865 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Instrument :
MSVOA_U
Client Sample Id :
VSTDCCC010

Tgt Ion: 63 Resp: 44238
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.2 2.2 6.6

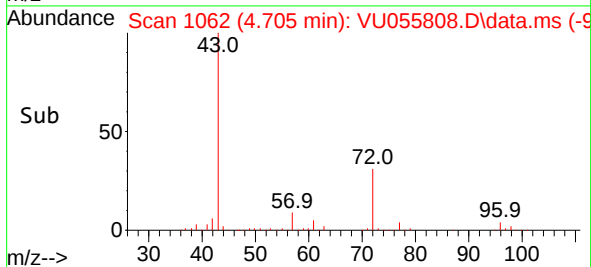
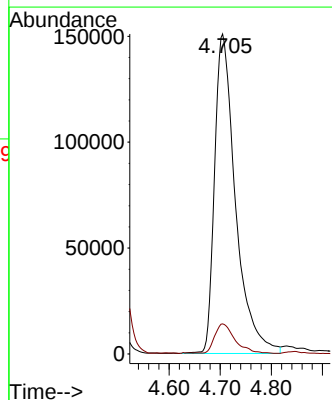
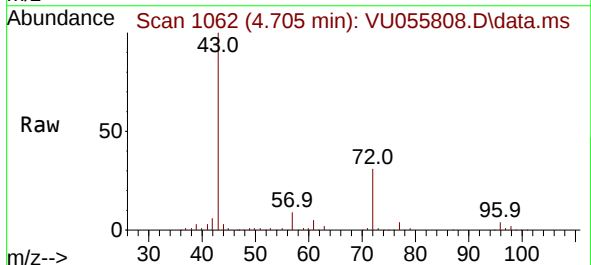
Manual Integrations
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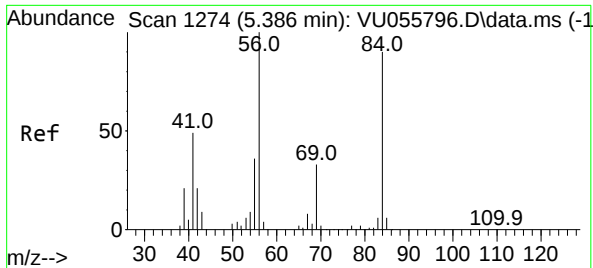
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
2-Butanone
Concen: 41.799 ug/l
RT: 4.705 min Scan# 1062
Delta R.T. 0.004 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Tgt Ion: 43 Resp: 429344
Ion Ratio Lower Upper
43 100
57 9.2 0.0 19.6





#19

Cyclohexane

Concen: 9.959 ug/l m

RT: 5.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 39823

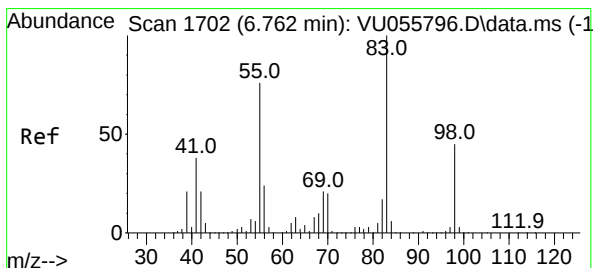
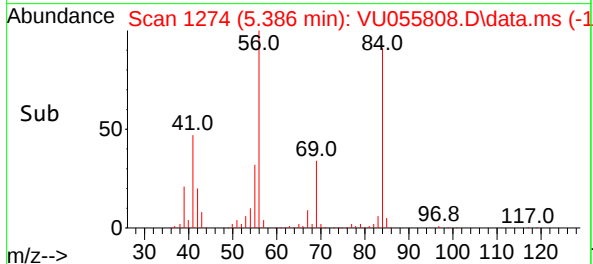
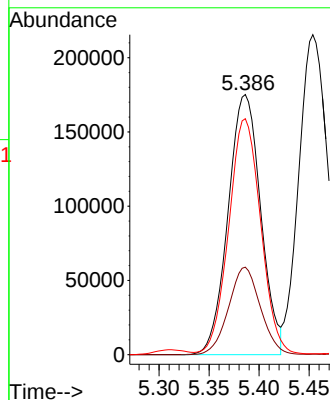
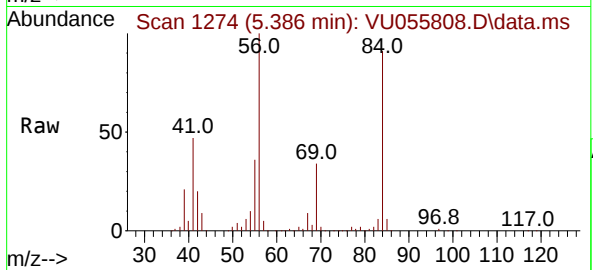
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.6	37.0
84	87.4	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#20

Methylcyclohexane

Concen: 10.276 ug/l

RT: 6.759 min Scan# 1701

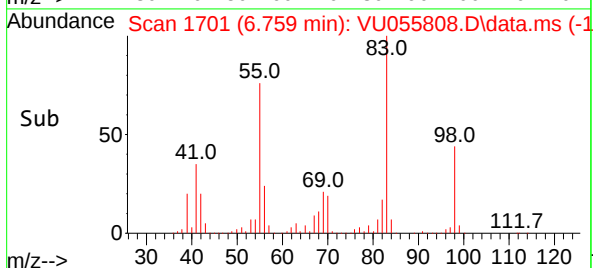
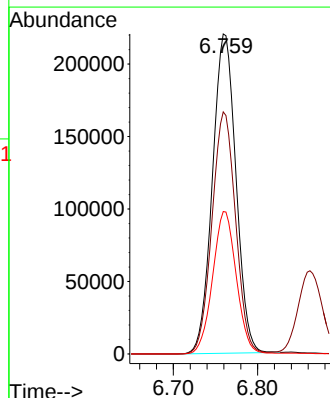
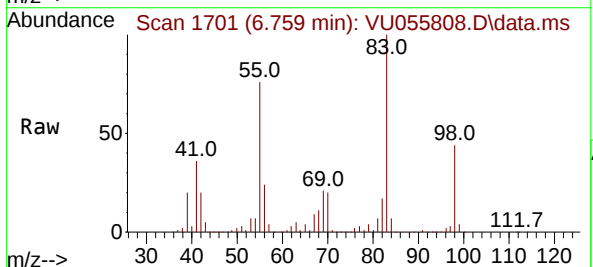
Delta R.T. -0.003 min

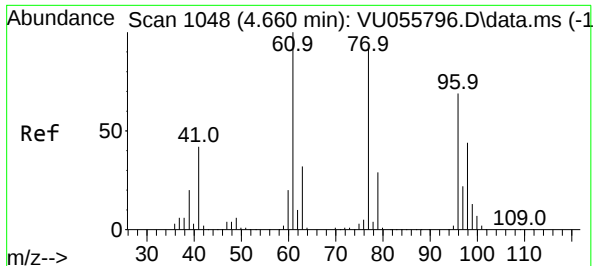
Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Tgt Ion: 83 Resp: 426961

Ion	Ratio	Lower	Upper
83	100		
55	75.4	63.5	95.3
98	44.5	36.0	54.0





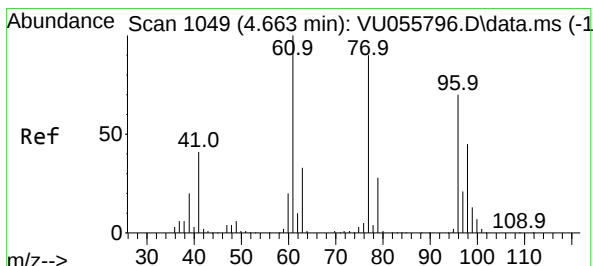
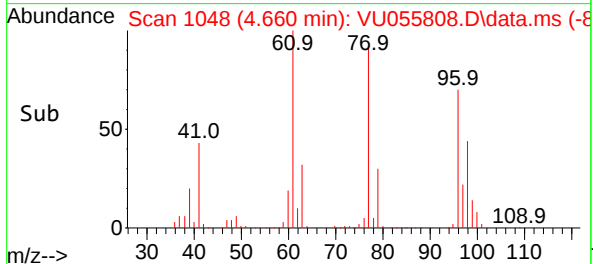
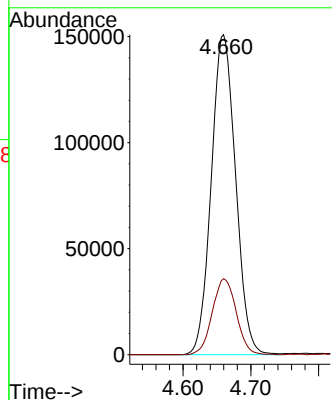
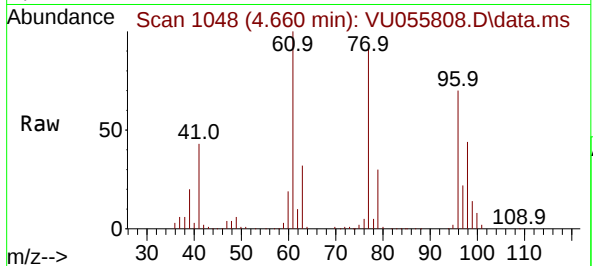
#21
2,2-Dichloropropane
Concen: 9.540 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 376589
Ion Ratio Lower Upper
77 100
97 23.4 18.4 27.6

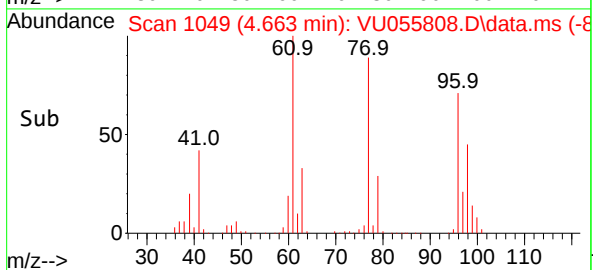
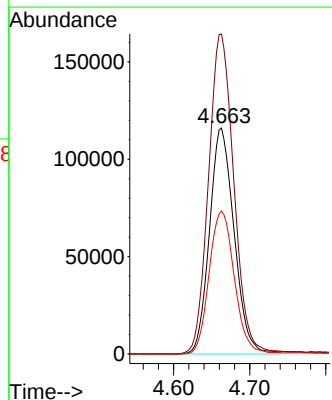
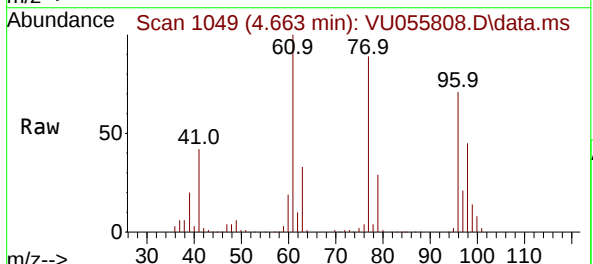
Manual Integrations
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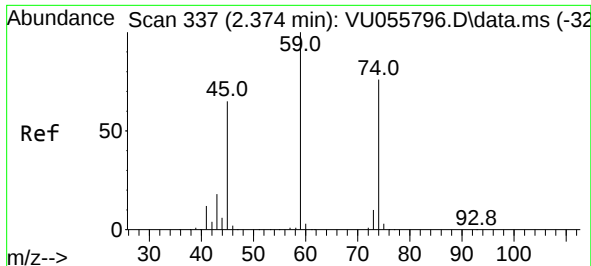
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#22
cis-1,2-Dichloroethene
Concen: 9.726 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Tgt Ion: 96 Resp: 261307
Ion Ratio Lower Upper
96 100
61 145.6 0.0 365.8
98 64.7 32.0 96.0





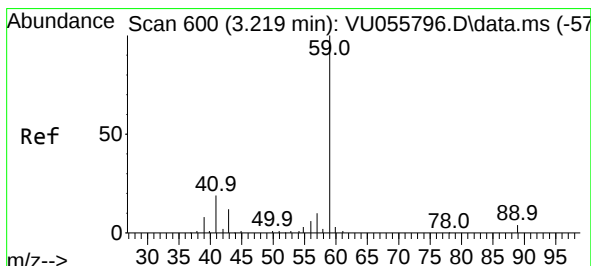
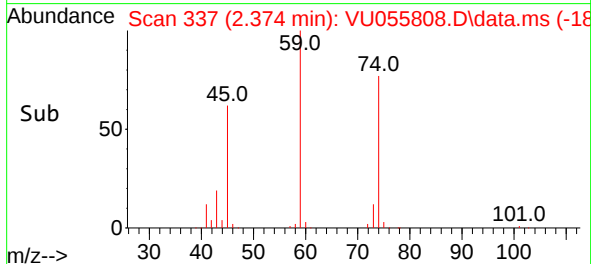
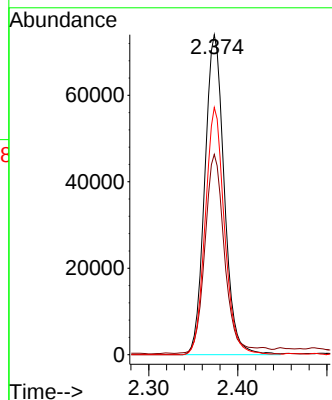
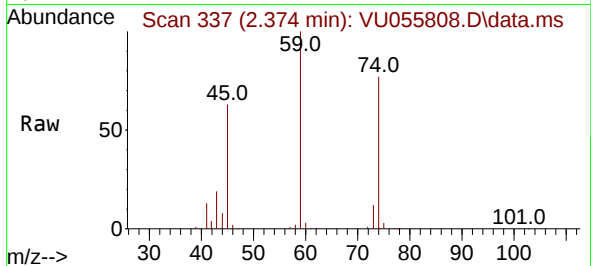
#23
Diethyl Ether
Concen: 7.884 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 112086
Ion Ratio Lower Upper
59 100
45 62.6 56.1 84.1
74 76.3 57.4 86.2

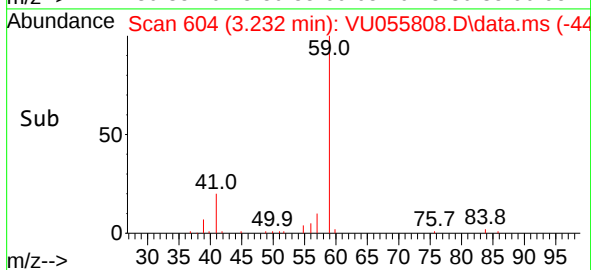
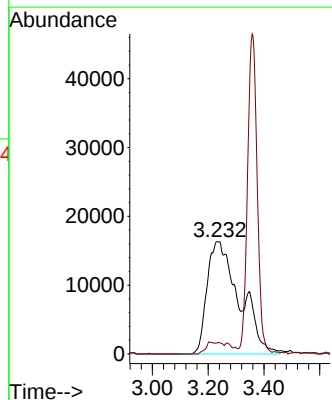
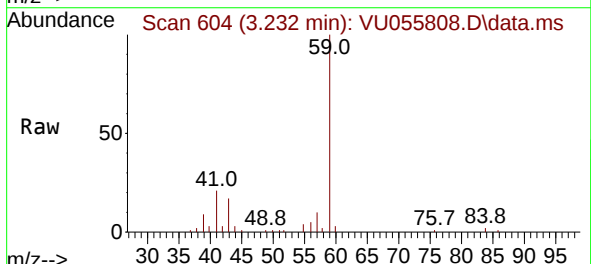
Manual Integrations
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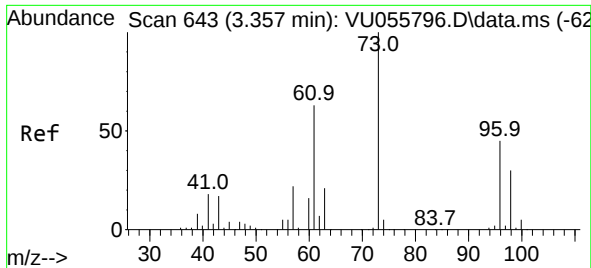
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#24
tert-Butyl Alcohol
Concen: 90.176 ug/l m
RT: 3.232 min Scan# 604
Delta R.T. 0.013 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

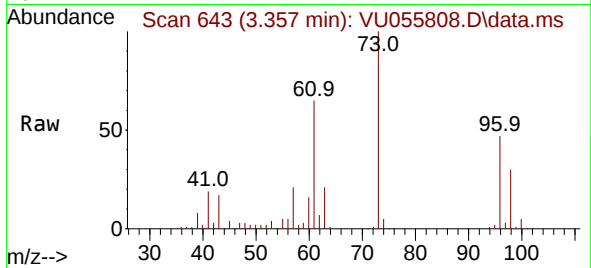
Tgt Ion: 59 Resp: 131494
Ion Ratio Lower Upper
59 100
57 2.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 9.907 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

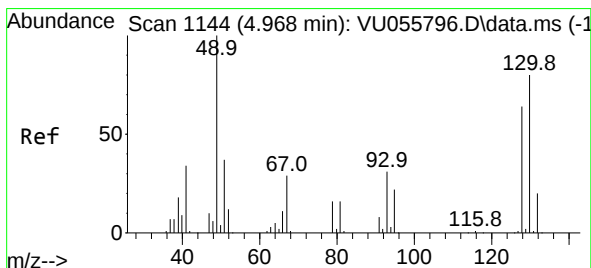
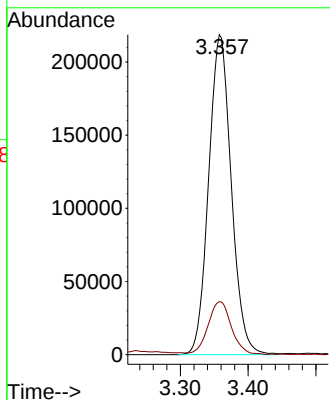
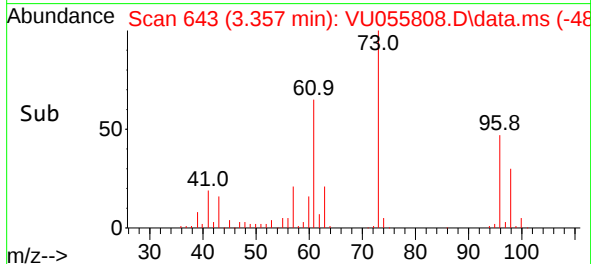
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



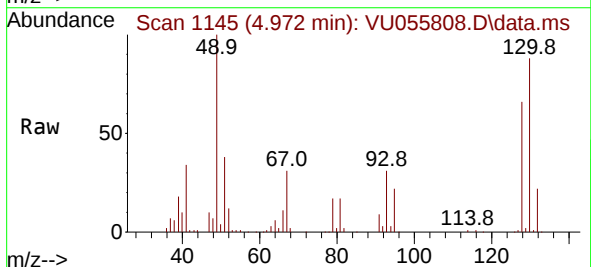
Tgt Ion: 73 Resp: 50699
Ion Ratio Lower Upper
73 100
43 17.0 15.0 22.6

Manual Integrations
APPROVED

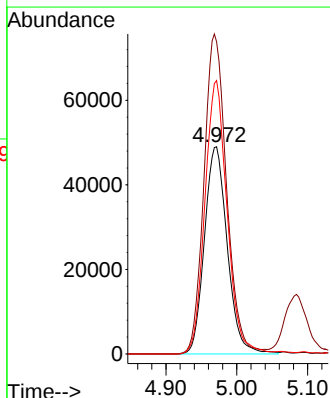
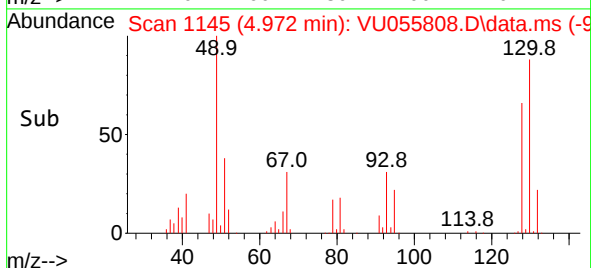
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

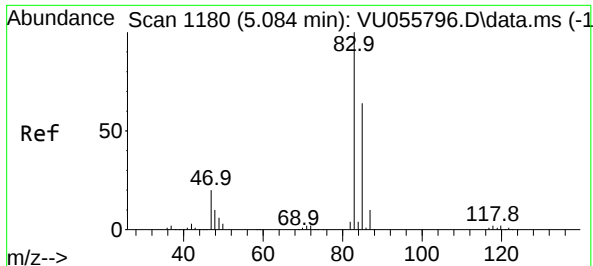


#26
Bromochloromethane
Concen: 9.655 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



Tgt Ion:128 Resp: 109933
Ion Ratio Lower Upper
128 100
49 152.8 0.0 324.6
130 128.3 103.0 154.4





#27

Chloroform

Concen: 9.538 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 458825

Ion Ratio Lower Upper

83 100

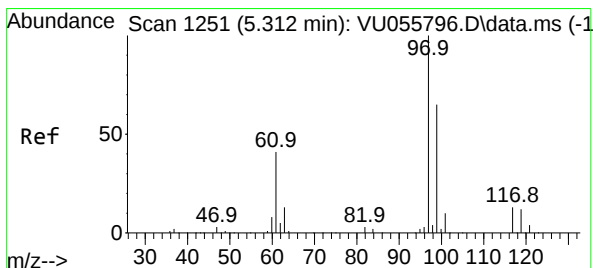
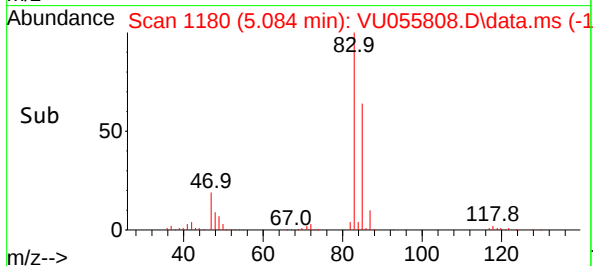
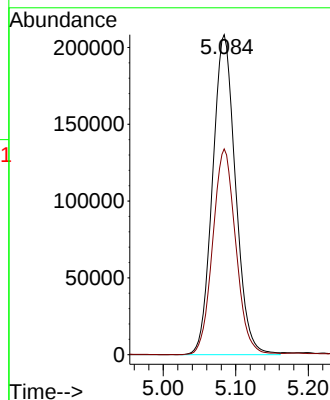
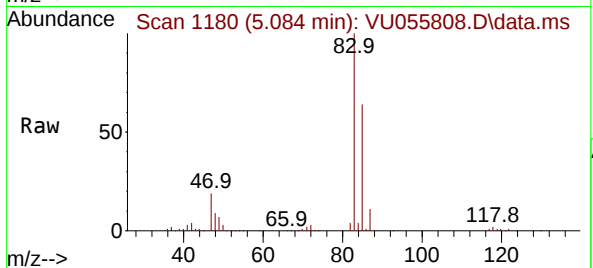
85 64.2 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#28

1,1,1-Trichloroethane

Concen: 9.759 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

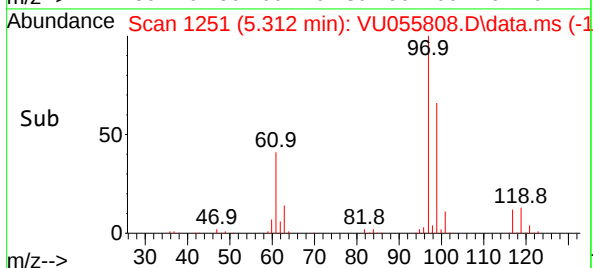
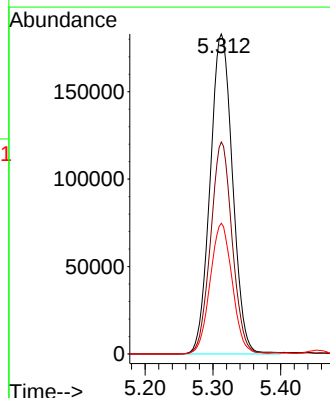
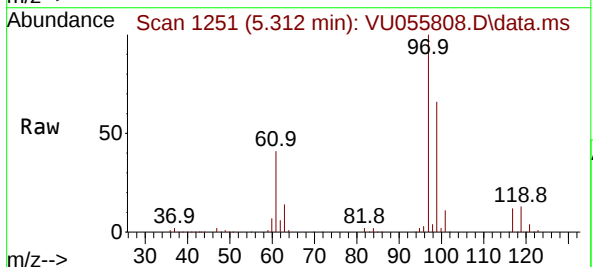
Tgt Ion: 97 Resp: 420761

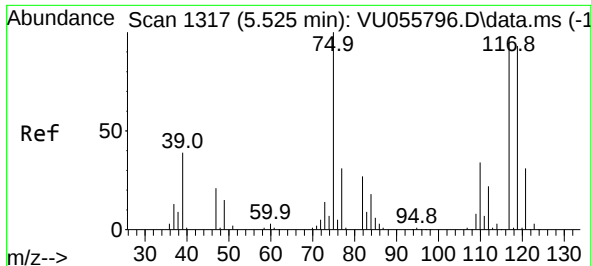
Ion Ratio Lower Upper

97 100

99 63.9 32.0 96.2

61 40.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 9.933 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.004 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 33919

Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

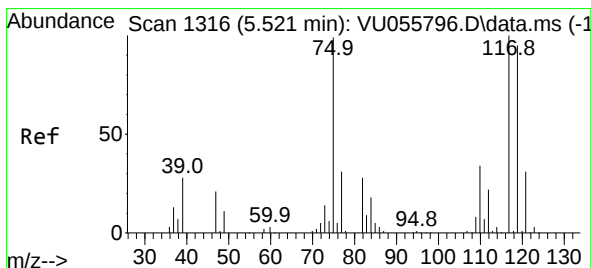
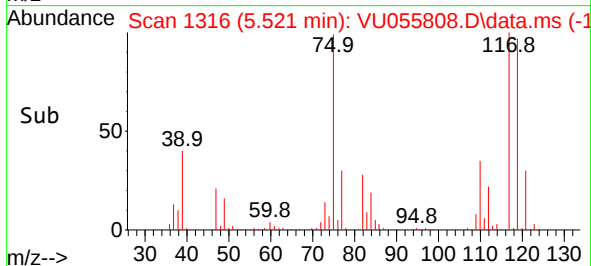
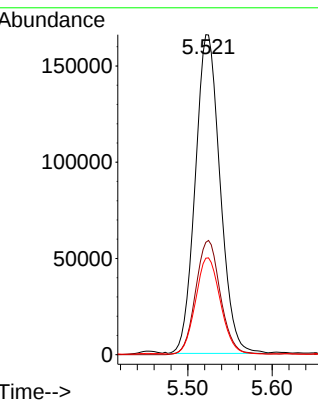
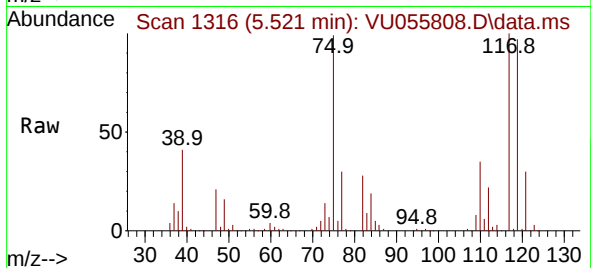
77 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Carbon Tetrachloride

Concen: 9.769 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

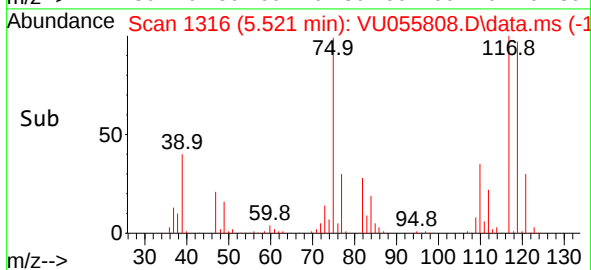
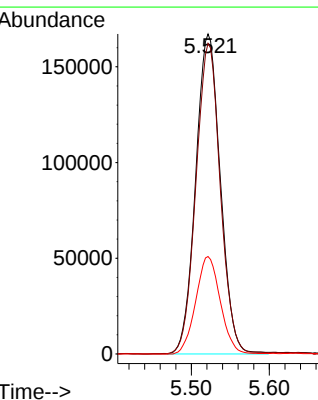
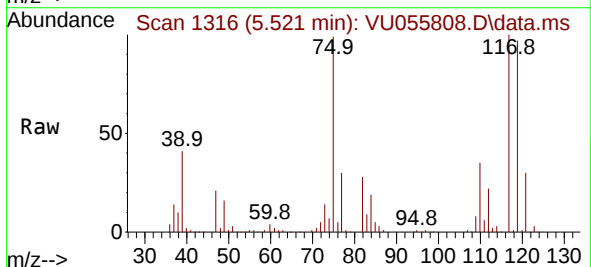
Tgt Ion:117 Resp: 367689

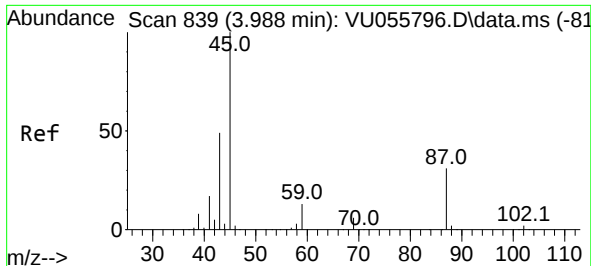
Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

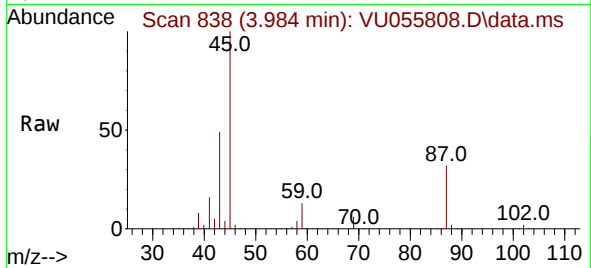
121 30.4 24.0 36.0





#31
Isopropyl Ether
Concen: 9.717 ug/l
RT: 3.984 min Scan# 839
Delta R.T. -0.004 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

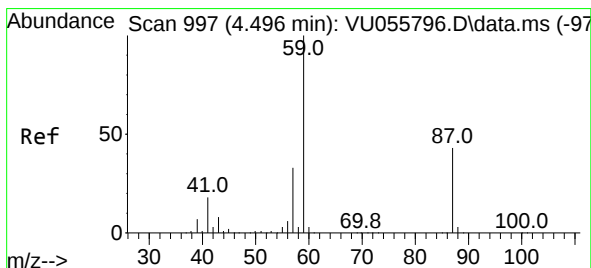
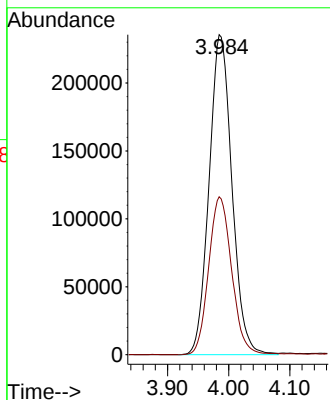
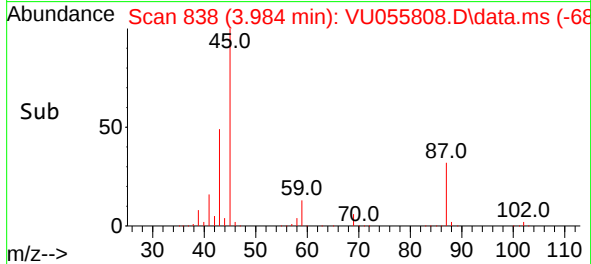
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



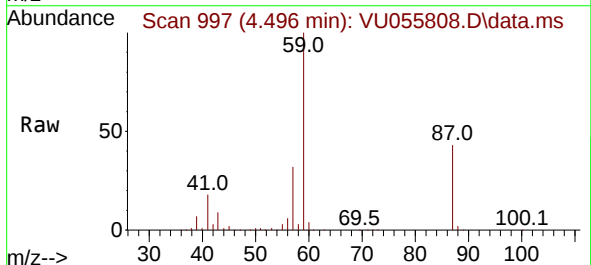
Tgt Ion: 45 Resp: 611900
Ion Ratio Lower Upper
45 100
43 49.8 27.5 82.5

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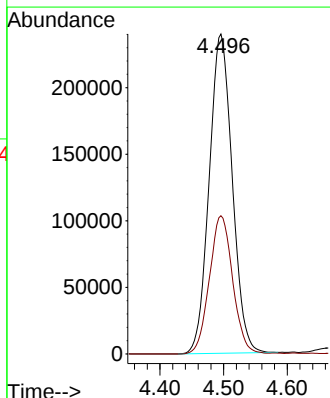
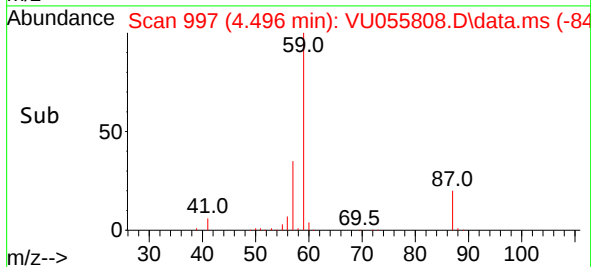
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

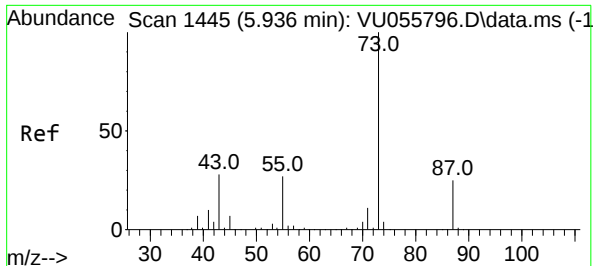


#32
Ethyl-t-butyl ether
Concen: 9.926 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



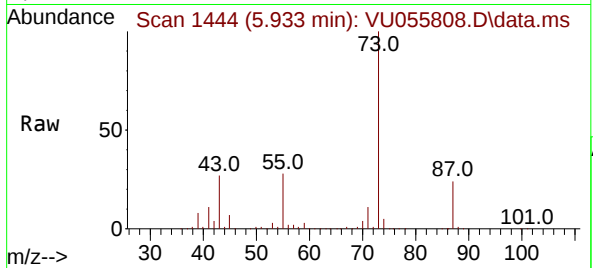
Tgt Ion: 59 Resp: 603434
Ion Ratio Lower Upper
59 100
87 43.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 9.970 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

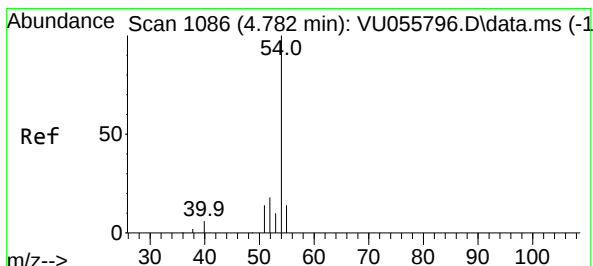
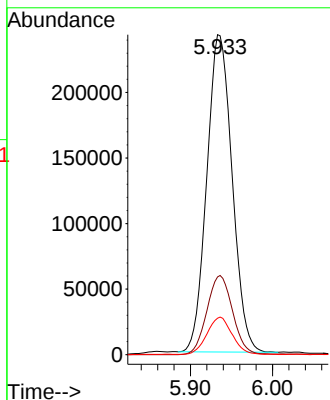
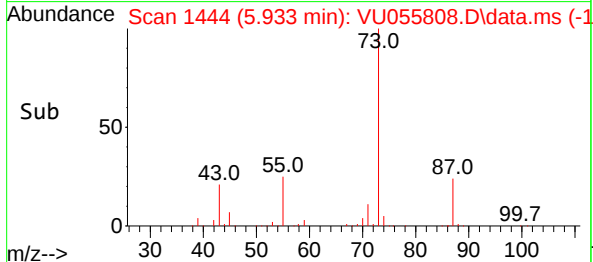
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 51943
Ion Ratio Lower Upper
73 100
87 25.0 18.6 28.0
71 11.6 9.9 14.9

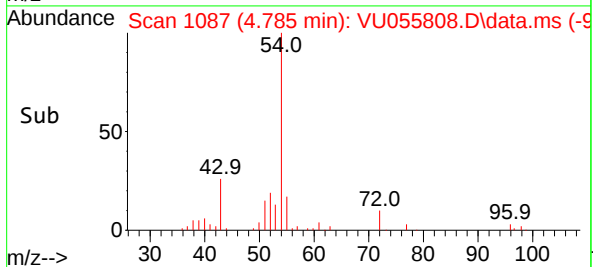
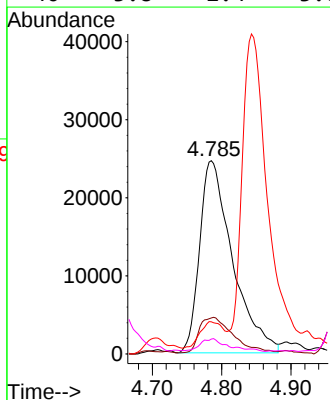
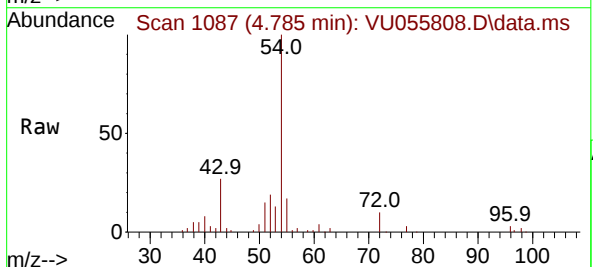
Manual Integrations
APPROVED

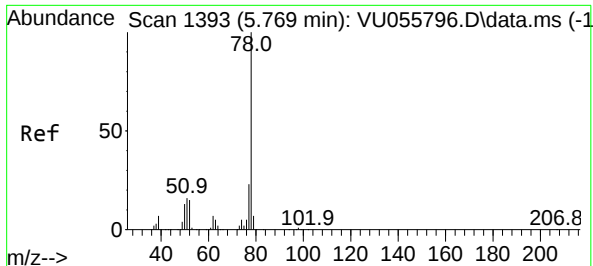
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#34
Propionitrile
Concen: 50.027 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

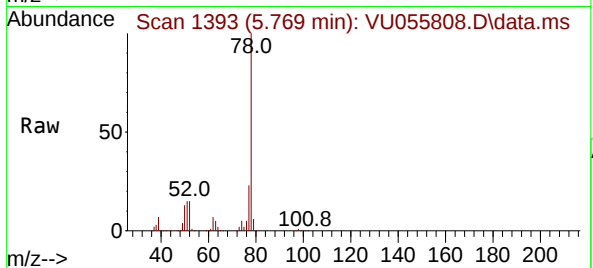
Tgt Ion: 54 Resp: 81294
Ion Ratio Lower Upper
54 100
52 19.0 17.4 26.0
55 9.3 104.1 156.1#
40 3.8 2.4 3.6#





#35
Benzene
Concen: 9.639 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

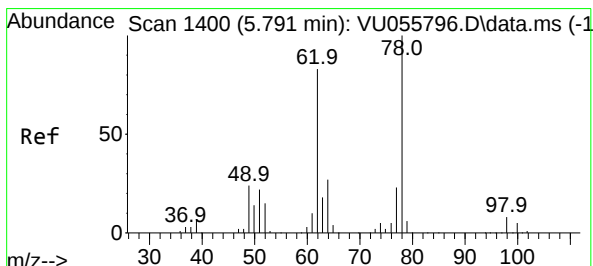
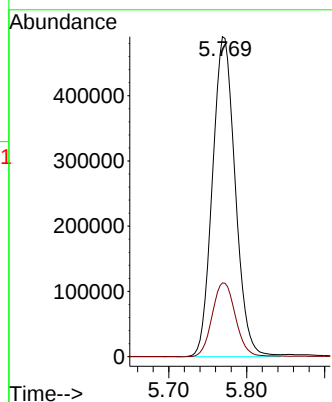
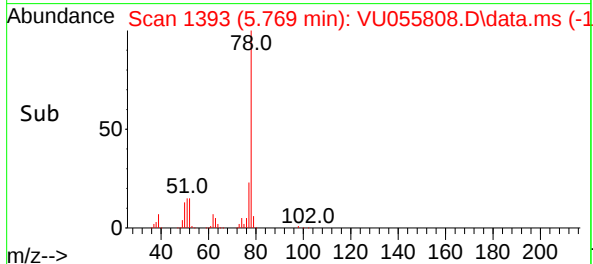
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 78 Resp: 997088
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

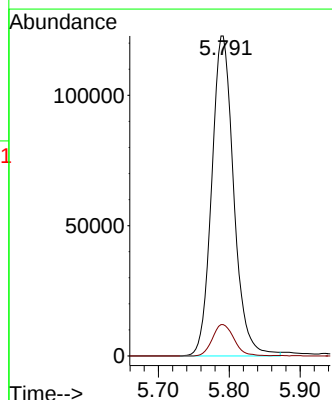
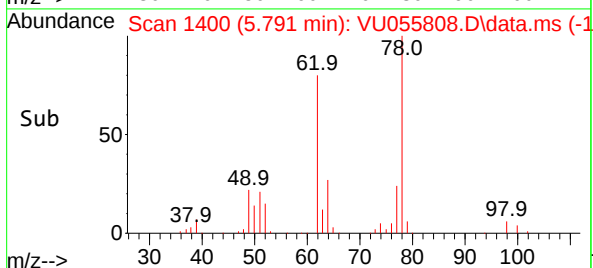
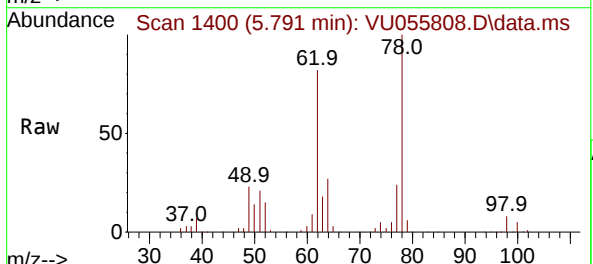
Manual Integrations
APPROVED

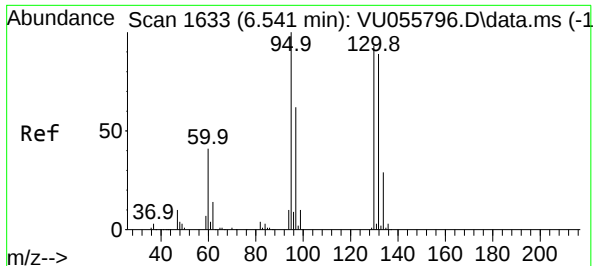
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#36
1,2-Dichloroethane
Concen: 9.442 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Tgt Ion: 62 Resp: 265242
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9





#37

Trichloroethene

Concen: 9.499 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 25564

Ion Ratio Lower Upper

130 100

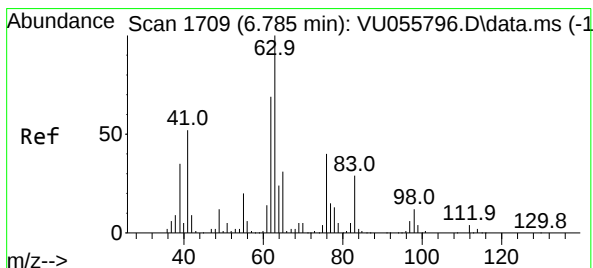
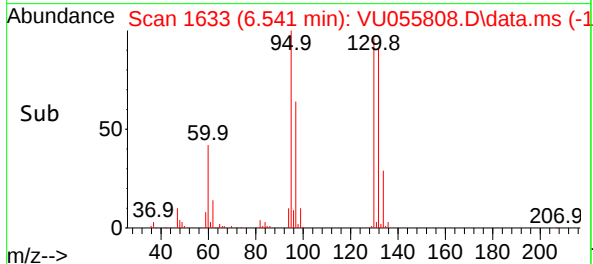
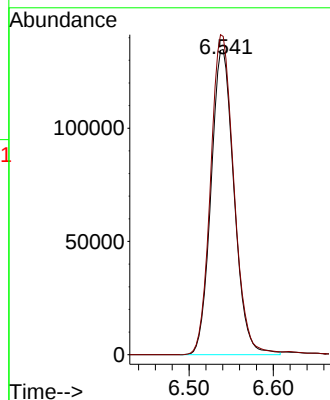
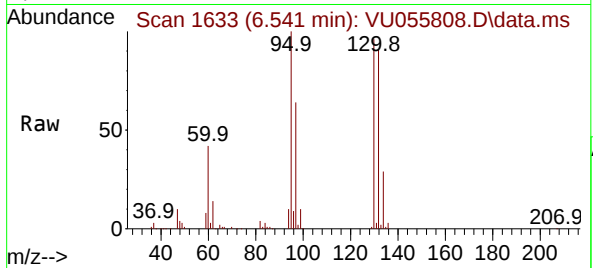
95 104.3 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#38

1,2-Dichloropropane

Concen: 9.433 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU055808.D

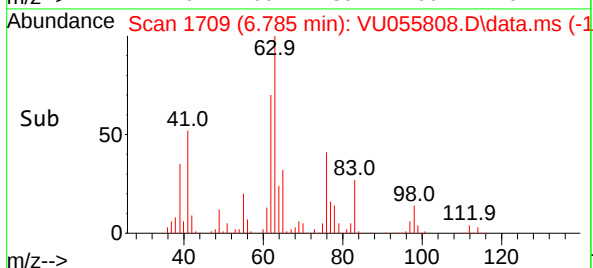
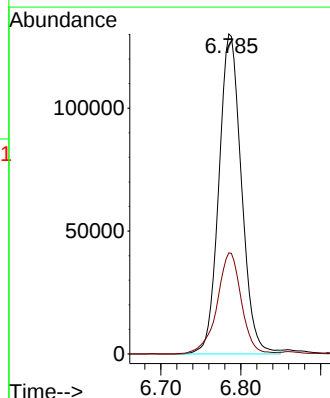
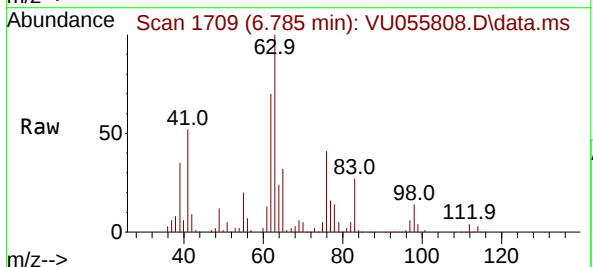
Acq: 19 Oct 2023 09:30

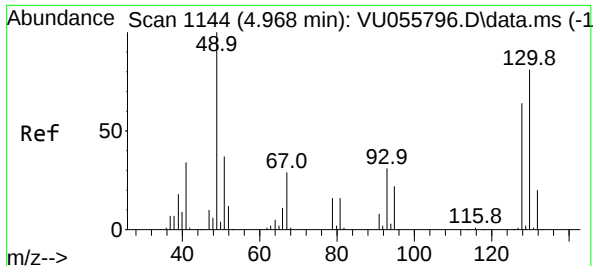
Tgt Ion: 63 Resp: 254830

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3





#39

Methacrylonitrile

Concen: 9.975 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.004 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 6044

Ion Ratio Lower Upper

41 100

67 89.0 66.8 100.2

39 53.2 41.2 61.8

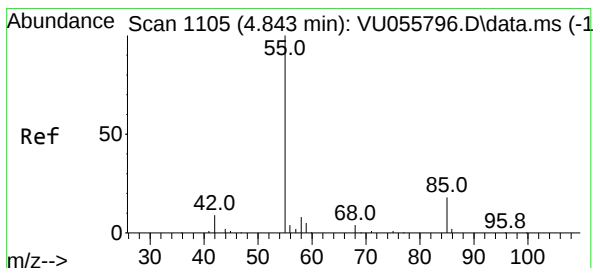
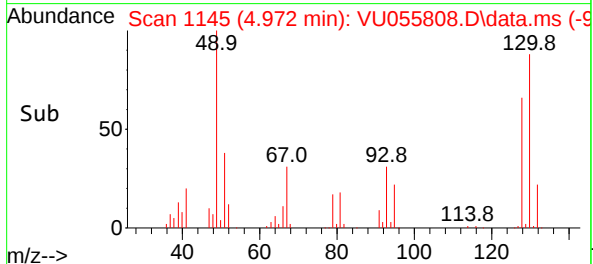
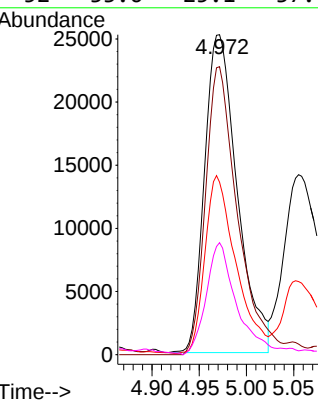
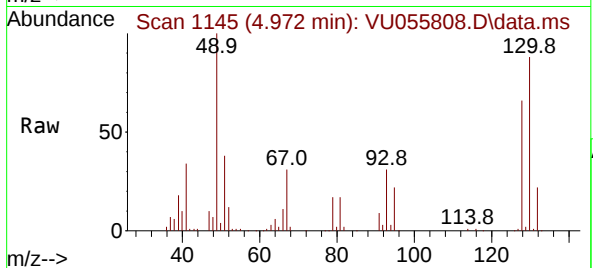
52 33.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Methyl acrylate

Concen: 7.462 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Tgt Ion: 55 Resp: 93711

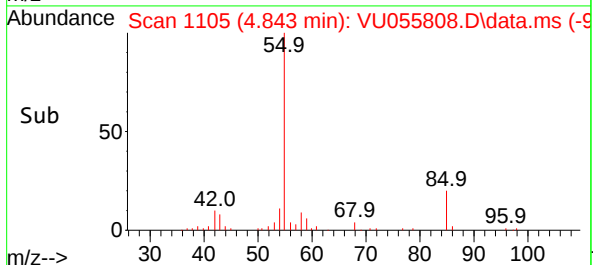
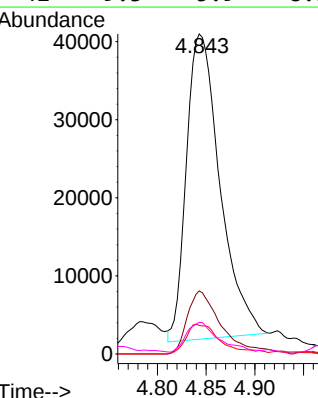
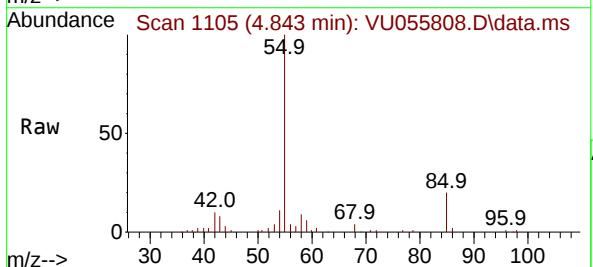
Ion Ratio Lower Upper

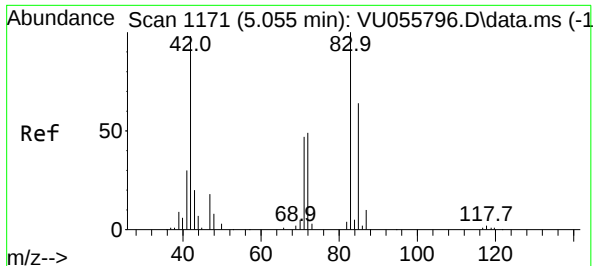
55 100

85 21.1 13.3 19.9#

58 10.0 6.5 9.7#

42 9.3 5.9 8.9#





#41

Tetrahydrofuran

Concen: 18.188 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 6244

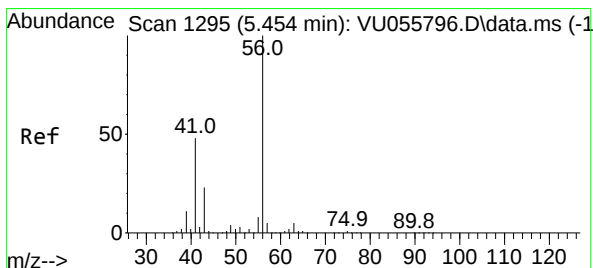
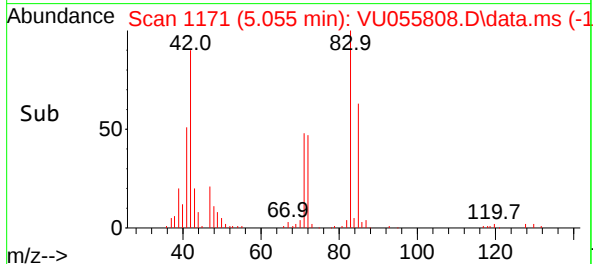
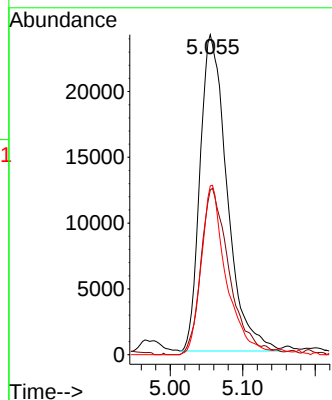
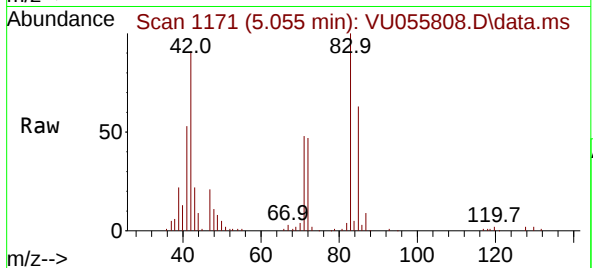
Ion	Ratio	Lower	Upper
42	100		
72	55.4	40.9	61.3
71	49.6	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#42

1-Chlorobutane

Concen: 9.862 ug/l

RT: 5.454 min Scan# 1295

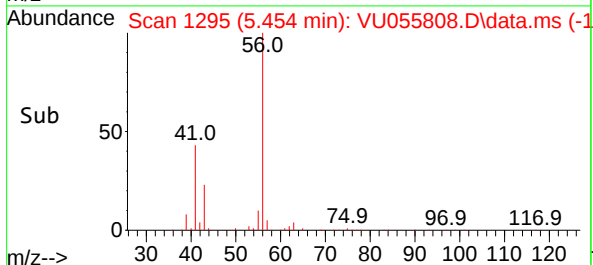
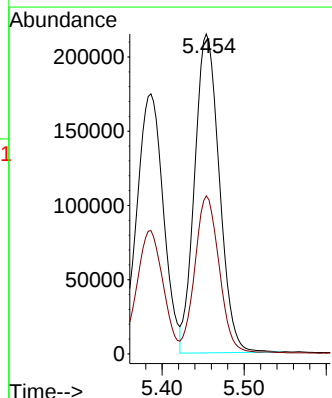
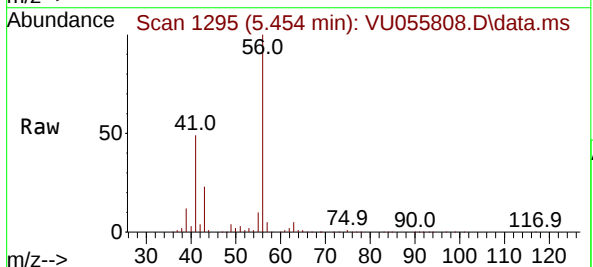
Delta R.T. -0.000 min

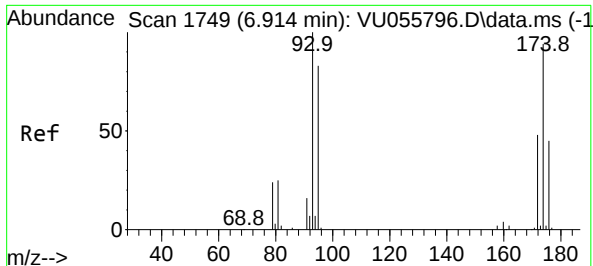
Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Tgt Ion: 56 Resp: 448971

Ion	Ratio	Lower	Upper
56	100		
41	48.0	25.2	75.6





#43

Dibromomethane

Concen: 9.356 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU055808.D

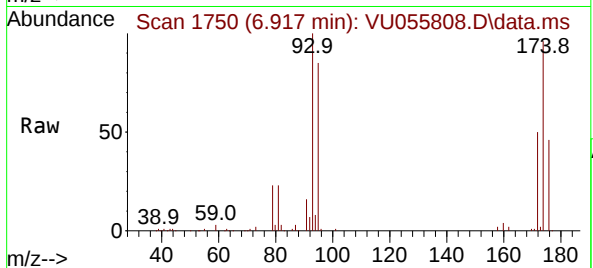
Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 93 Resp: 120128

Ion Ratio Lower Upper

93 100

95 84.8 67.0 100.6

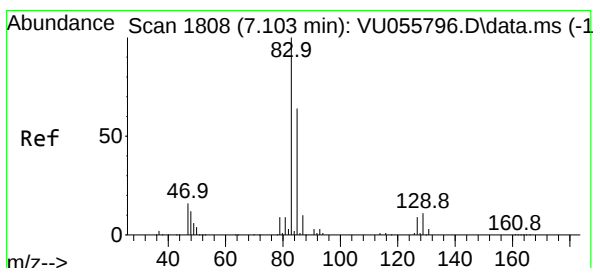
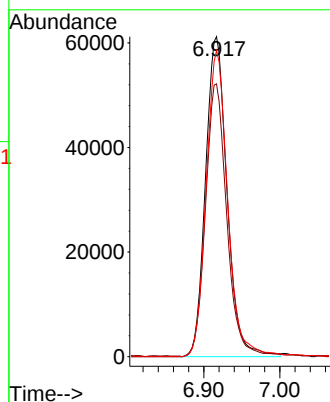
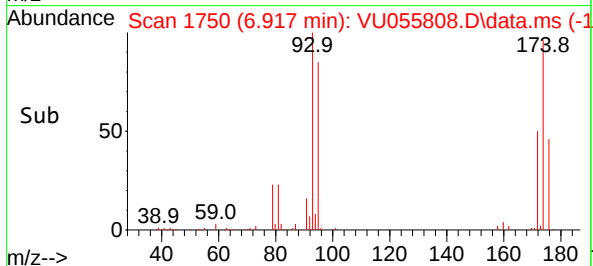
174 96.1 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#44

Bromodichloromethane

Concen: 9.613 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

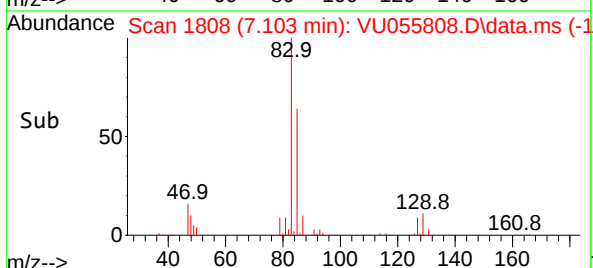
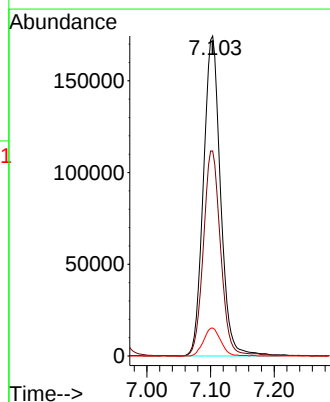
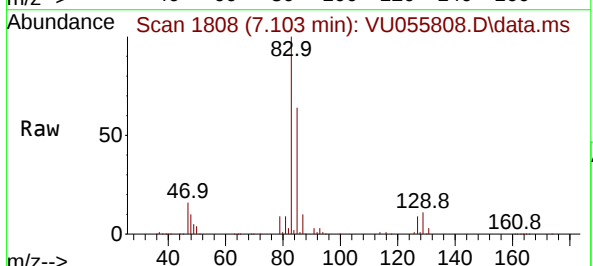
Tgt Ion: 83 Resp: 326165

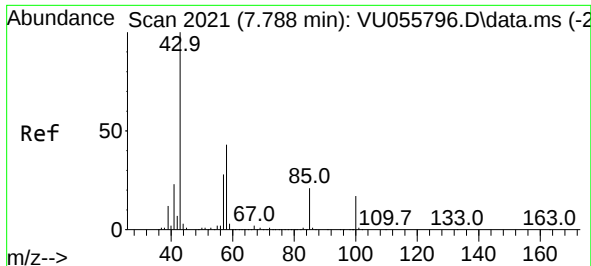
Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

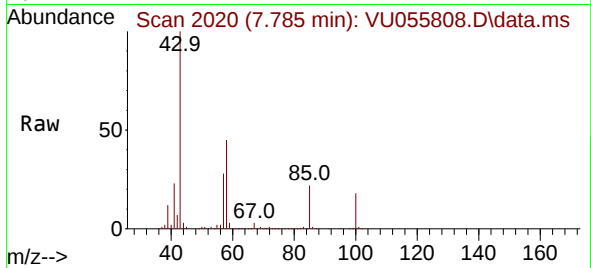
127 8.7 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 45.533 ug/l
RT: 7.785 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

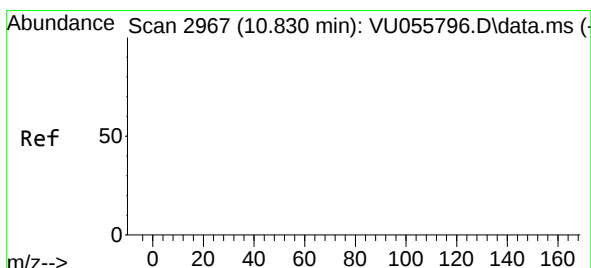
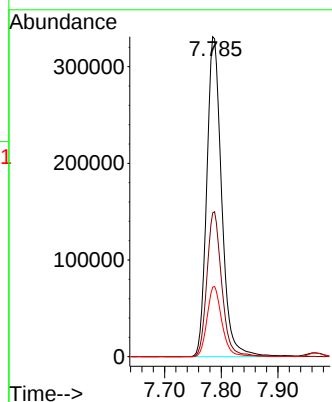
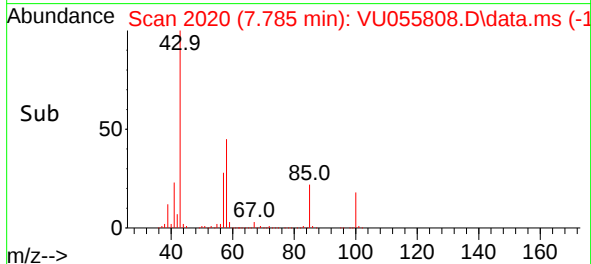
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 60460
Ion Ratio Lower Upper
43 100
58 45.0 20.9 62.8
85 21.9 14.6 21.8

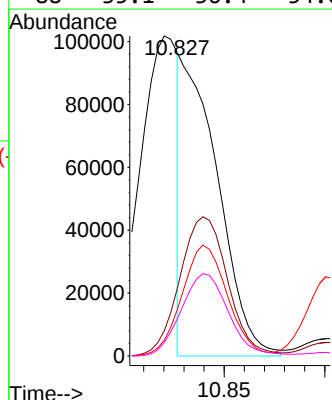
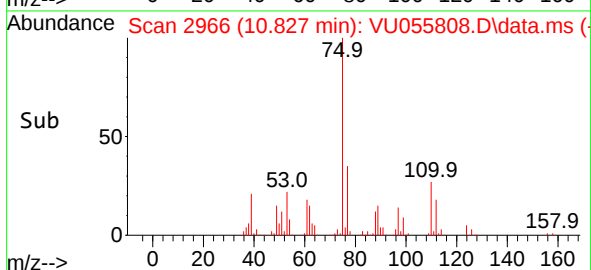
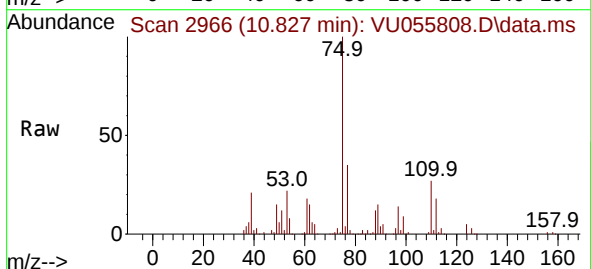
Manual Integrations
APPROVED

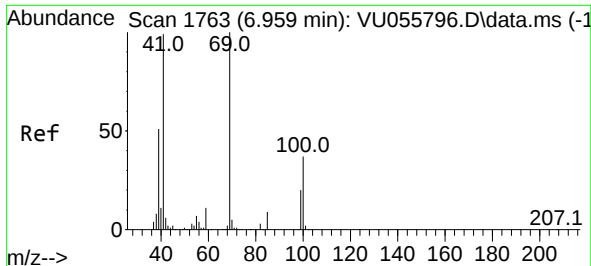
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#46
t-1,4-Dichloro-2-butene
Concen: 22.962 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

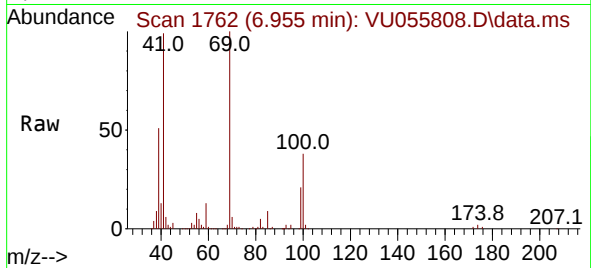
Tgt Ion: 75 Resp: 121295
Ion Ratio Lower Upper
75 100
53 60.5 73.3 109.9#
89 45.6 48.2 72.4#
88 35.1 36.4 54.6#





#47
Methyl methacrylate
Concen: 20.579 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.004 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

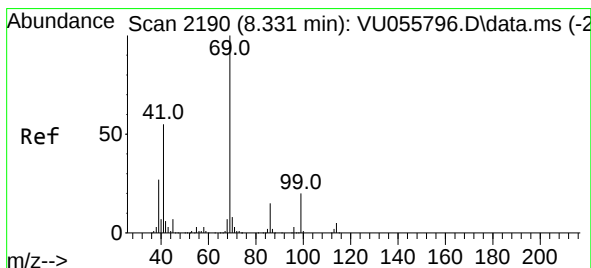
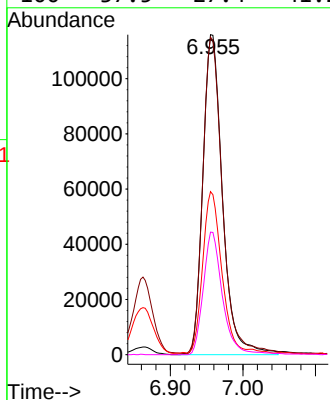
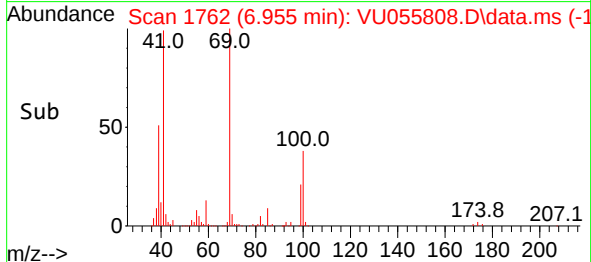
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 217960
Ion Ratio Lower Upper
69 100
41 99.2 0.0 209.2
39 48.5 46.7 70.1
100 37.5 27.4 41.2

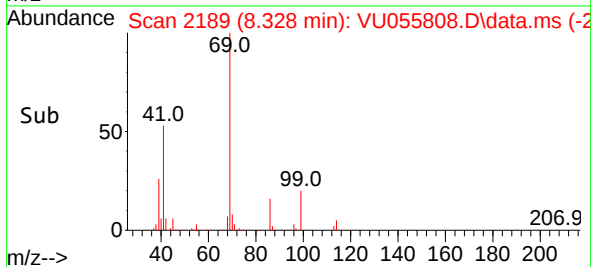
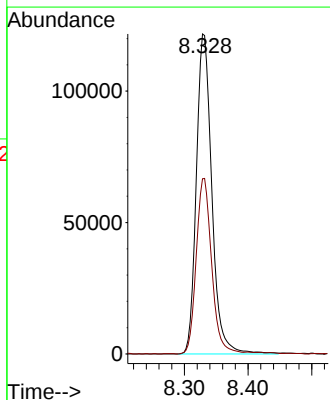
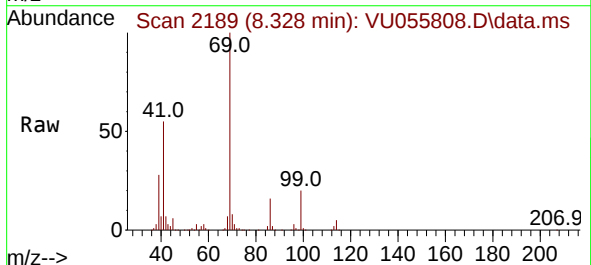
Manual Integrations
APPROVED

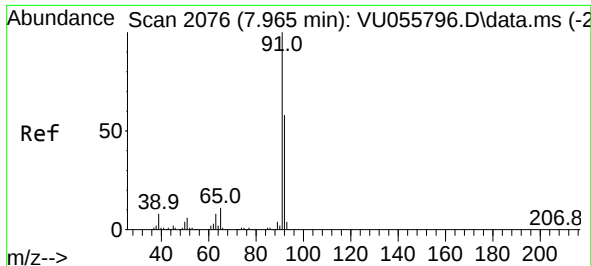
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Ethyl methacrylate
Concen: 8.471 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Tgt Ion: 69 Resp: 206240
Ion Ratio Lower Upper
69 100
41 54.5 30.3 90.8





#49

Toluene

Concen: 10.087 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 61748

Ion Ratio Lower Upper

92 100

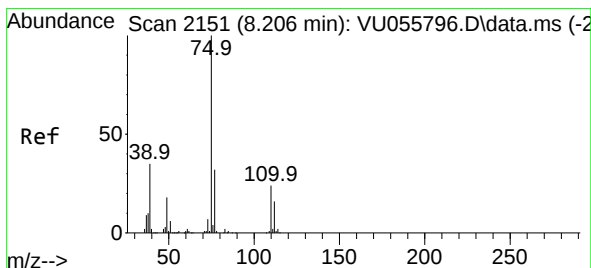
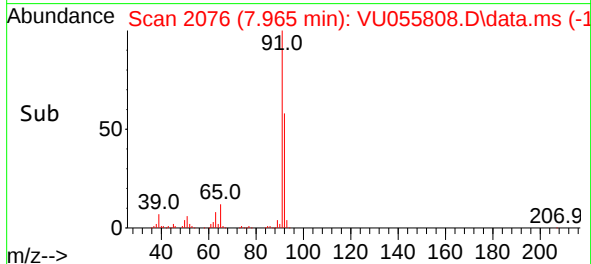
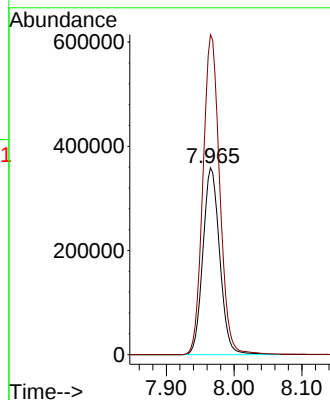
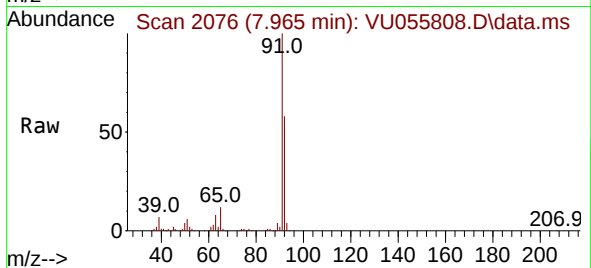
91 171.3 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

t-1,3-Dichloropropene

Concen: 9.826 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055808.D

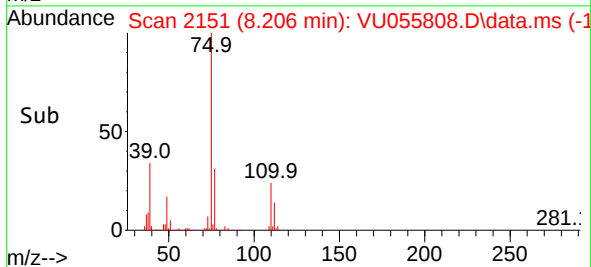
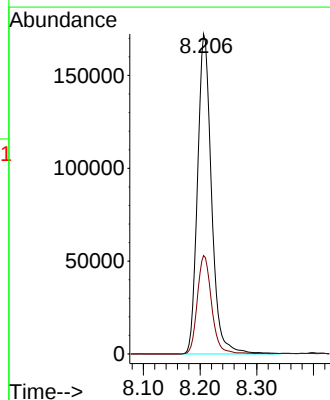
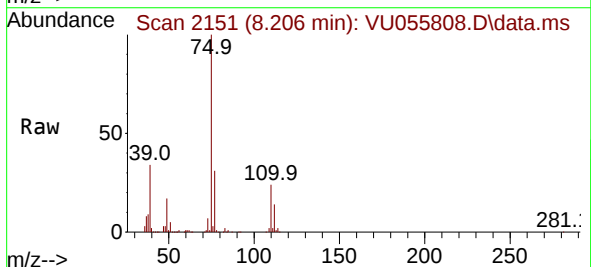
Acq: 19 Oct 2023 09:30

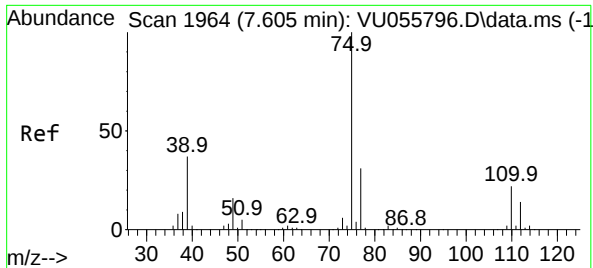
Tgt Ion: 75 Resp: 295029

Ion Ratio Lower Upper

75 100

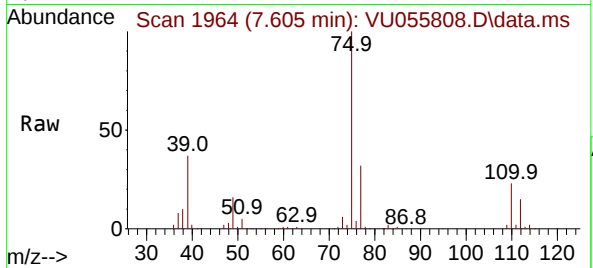
77 30.7 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 9.756 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

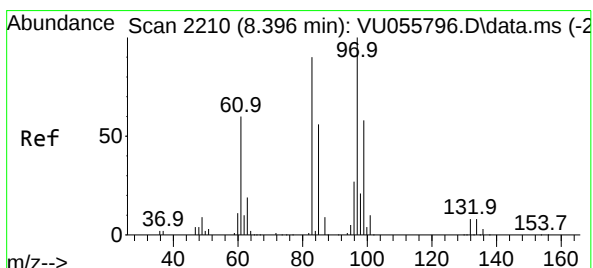
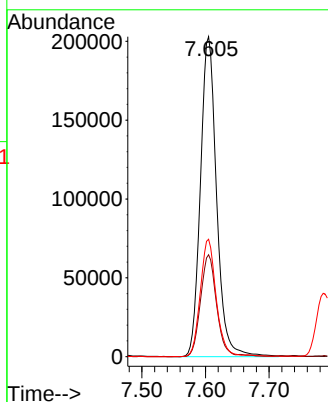
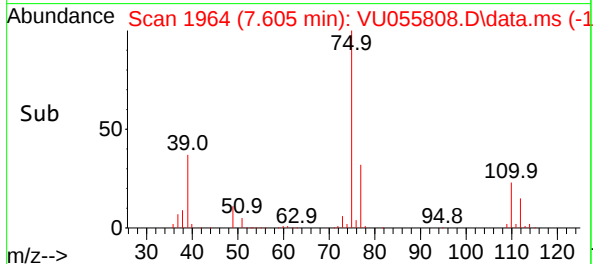
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 358512
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 36.7 32.8 49.2

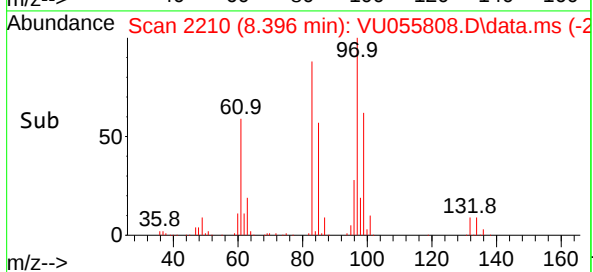
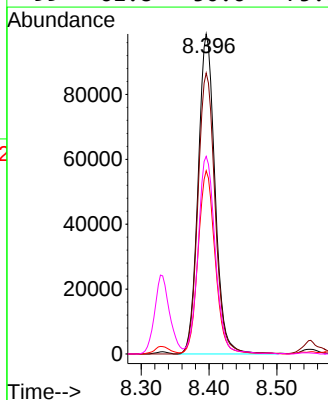
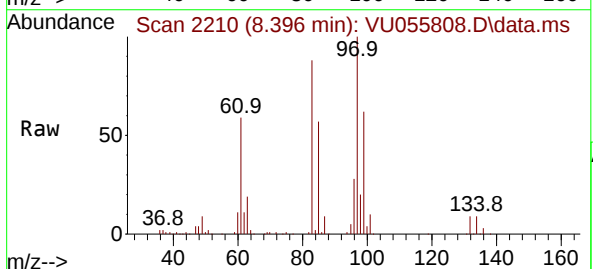
Manual Integrations
 APPROVED

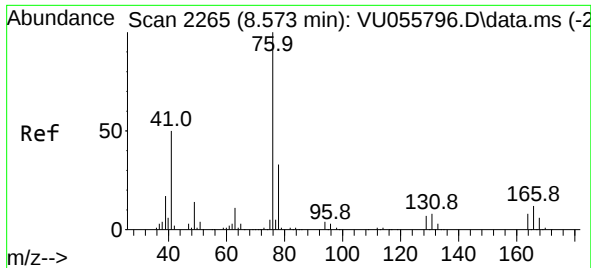
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.310 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

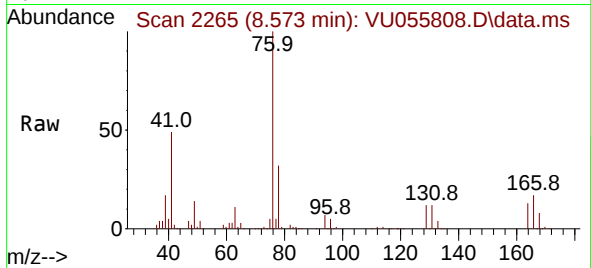
Tgt Ion: 97 Resp: 170733
 Ion Ratio Lower Upper
 97 100
 83 87.8 71.8 107.8
 85 57.1 45.2 67.8
 99 61.8 50.6 75.8





#53
1,3-Dichloropropane
Concen: 9.451 ug/l
RT: 8.573 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

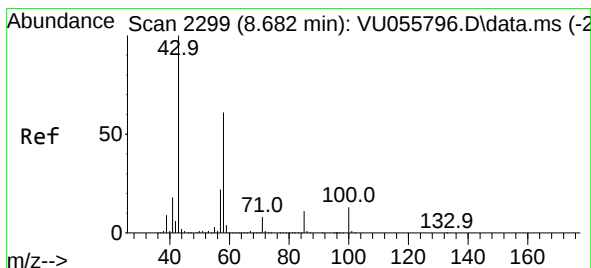
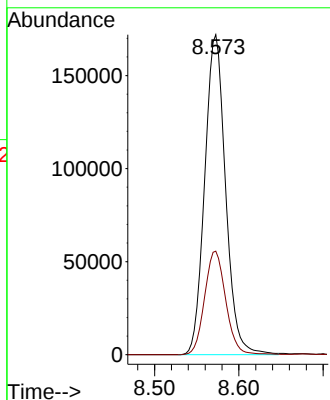
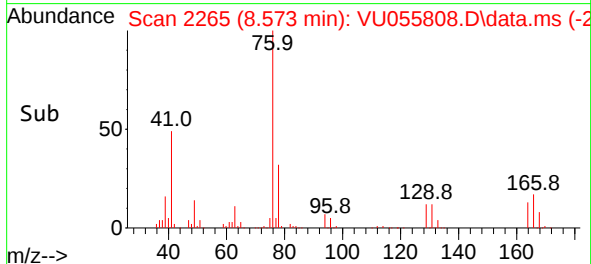
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



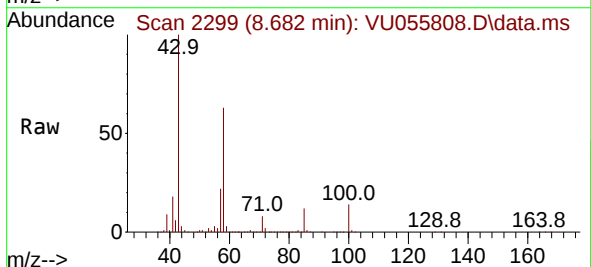
Tgt Ion: 76 Resp: 296204
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

Manual Integrations
APPROVED

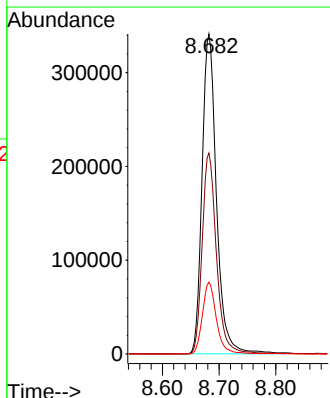
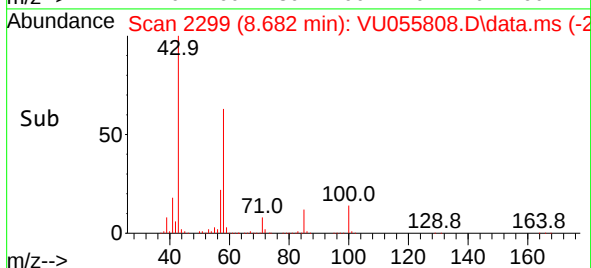
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

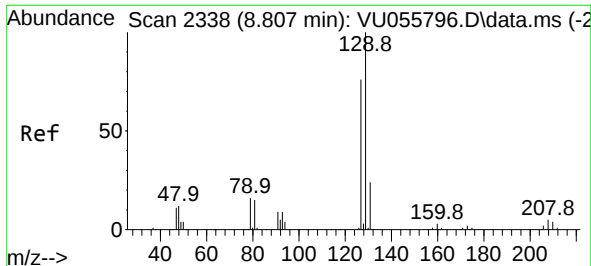


#54
2-Hexanone
Concen: 40.563 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



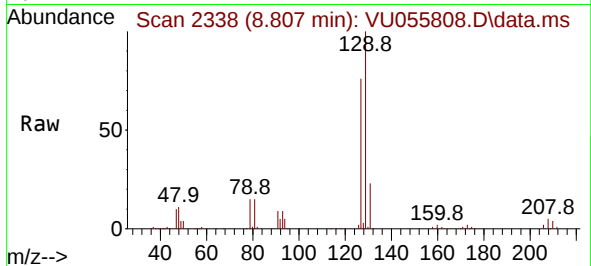
Tgt Ion: 43 Resp: 603419
Ion Ratio Lower Upper
43 100
58 62.1 38.2 78.2
57 21.6 0.0 39.1





#55
Dibromochloromethane
Concen: 9.616 ug/l
RT: 8.807 min Scan# 212854
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

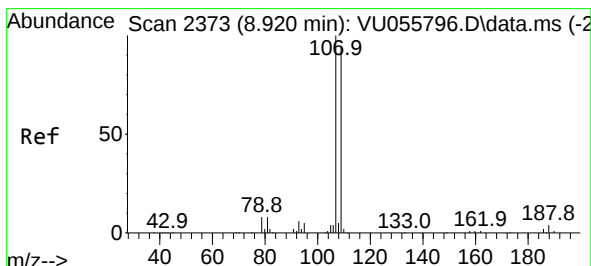
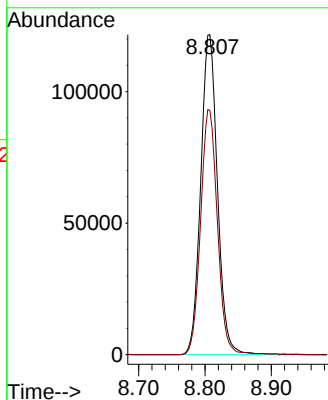
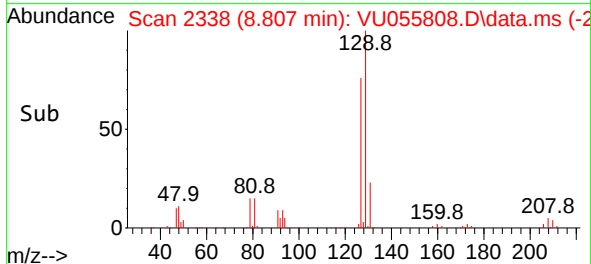
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 212854
Ion Ratio Lower Upper
129 100
127 76.7 61.4 92.0

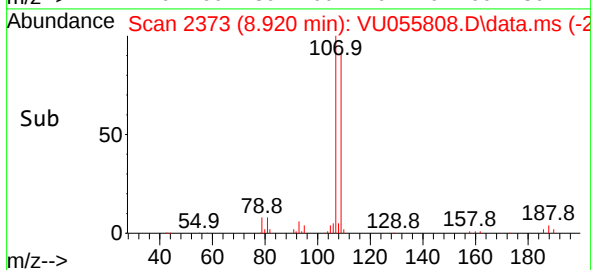
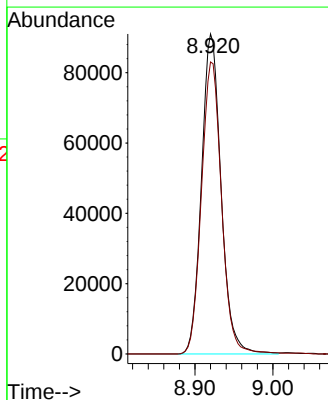
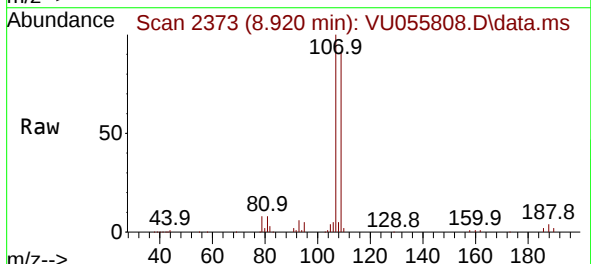
Manual Integrations
APPROVED

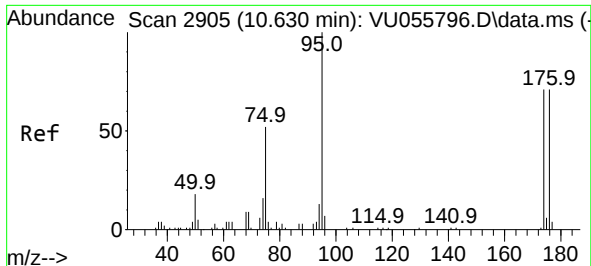
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#56
1,2-Dibromoethane
Concen: 9.501 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

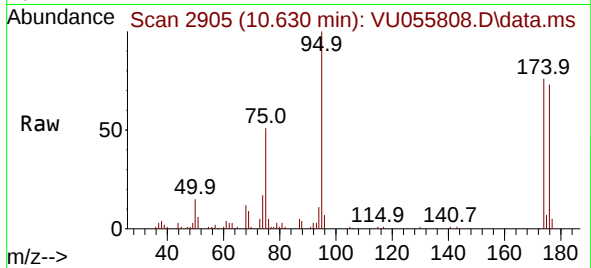
Tgt Ion:107 Resp: 159197
Ion Ratio Lower Upper
107 100
109 93.5 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.239 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

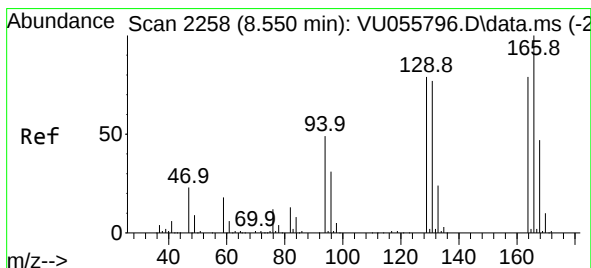
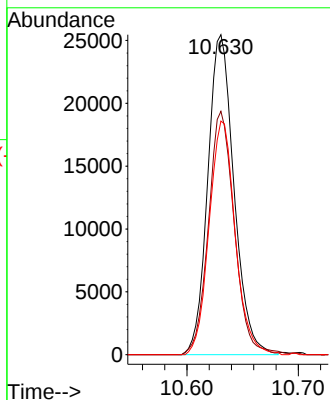
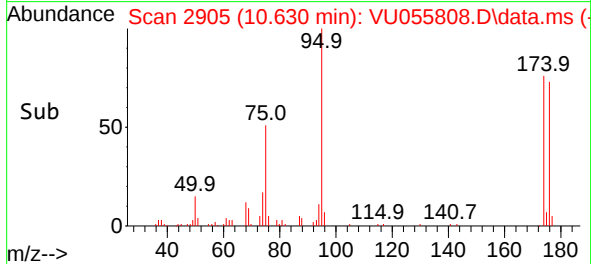
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



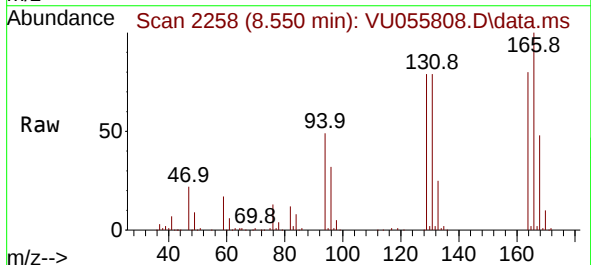
Tgt Ion: 95 Resp: 41668
Ion Ratio Lower Upper
95 100
174 75.0 63.3 94.9
176 72.5 59.3 88.9

Manual Integrations
APPROVED

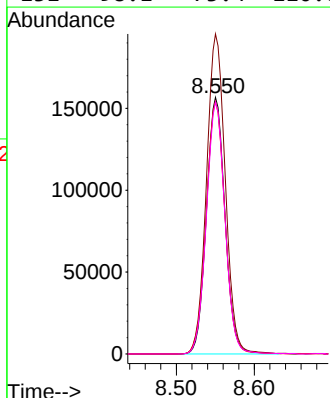
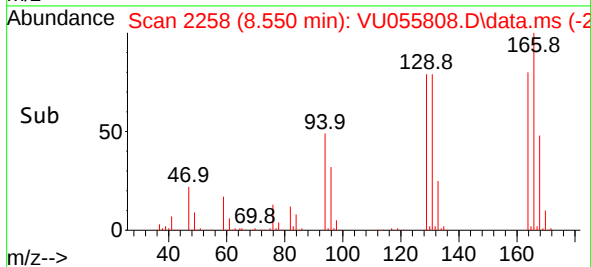
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

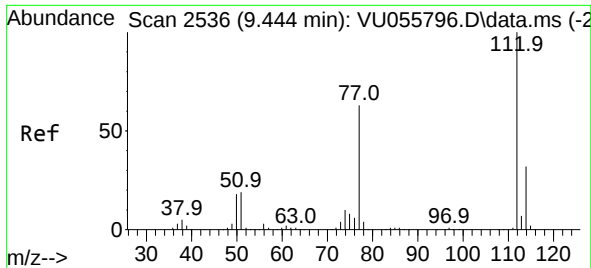


#58
Tetrachloroethene
Concen: 9.296 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



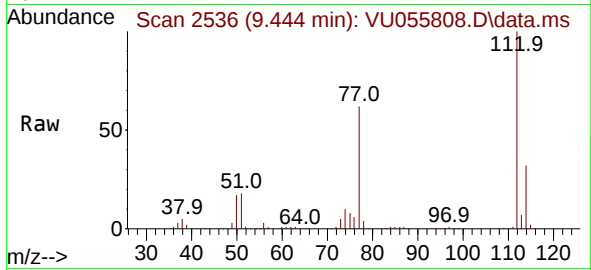
Tgt Ion:164 Resp: 260141
Ion Ratio Lower Upper
164 100
166 124.7 99.6 149.4
129 98.4 78.6 117.8
131 98.1 73.4 110.0





#59
Chlorobenzene
Concen: 9.693 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

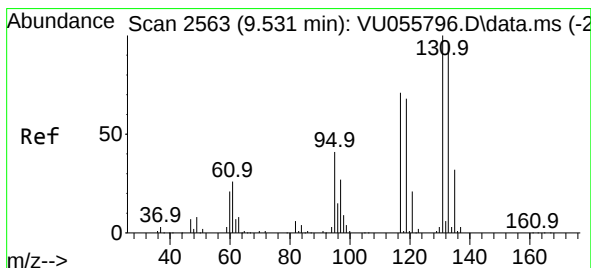
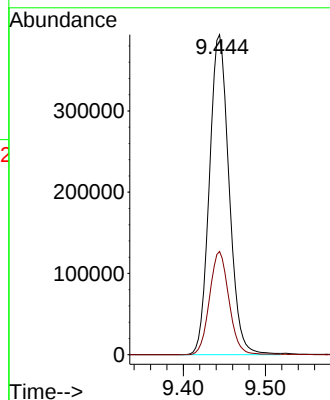
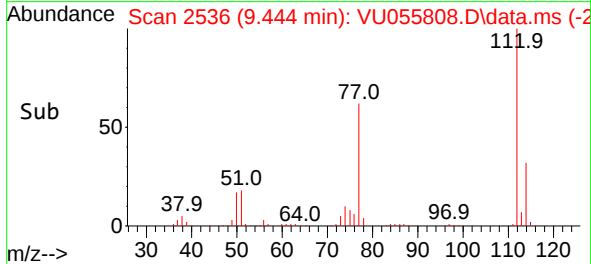
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



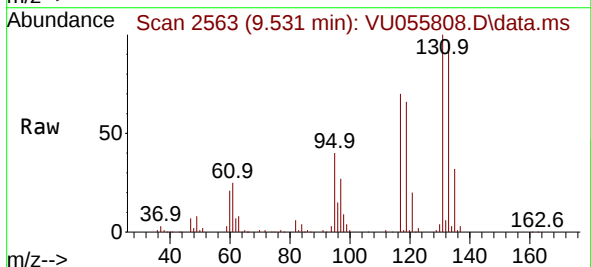
Tgt Ion:112 Resp: 655370
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

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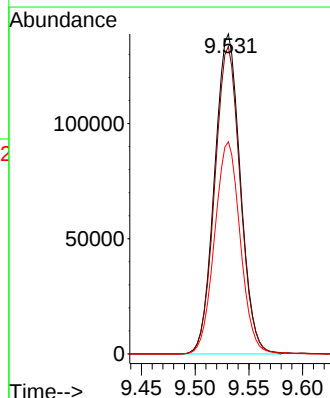
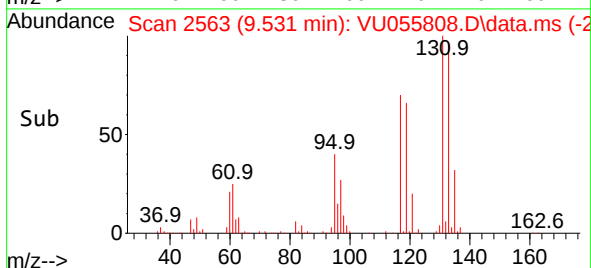
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

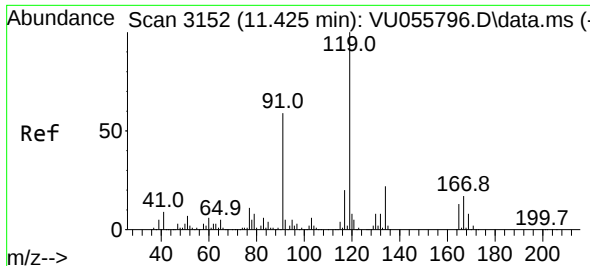


#60
1,1,1,2-Tetrachloroethane
Concen: 9.593 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



Tgt Ion:131 Resp: 231161
Ion Ratio Lower Upper
131 100
133 95.6 77.8 116.6
119 66.1 55.2 82.8





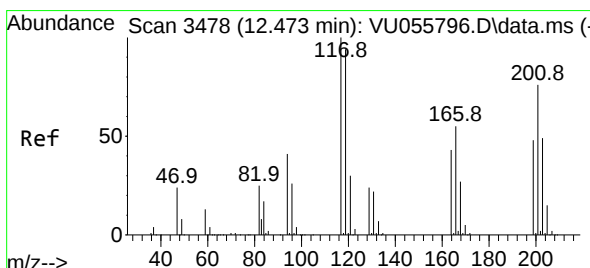
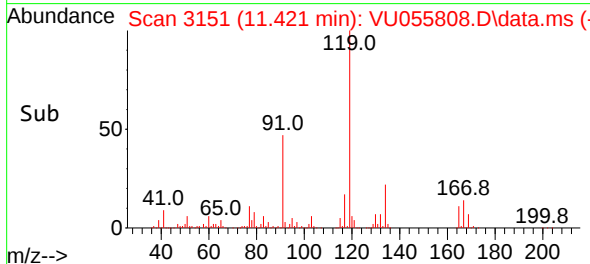
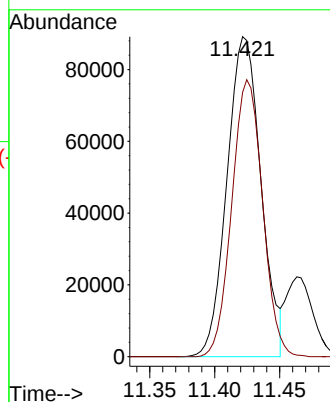
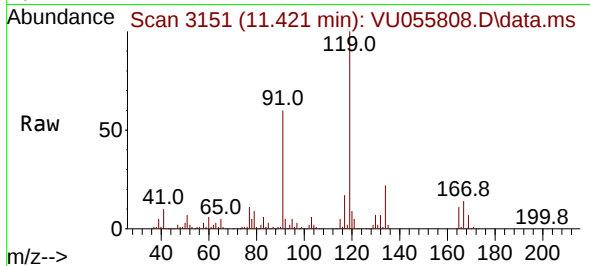
#61
 Pentachloroethane
 Concen: 9.947 ug/l
 RT: 11.421 min Scan# 3152
 Delta R.T. -0.004 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:117 Resp: 16222
 Ion Ratio Lower Upper
 117 100
 167 78.4 56.7 85.1

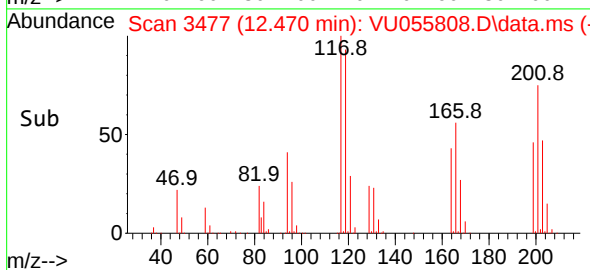
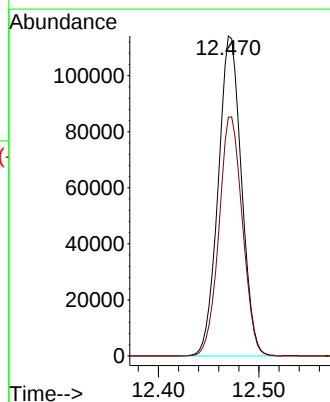
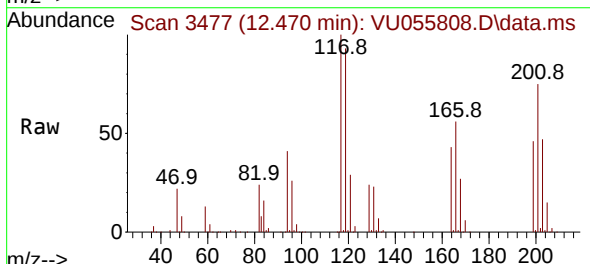
Manual Integrations
 APPROVED

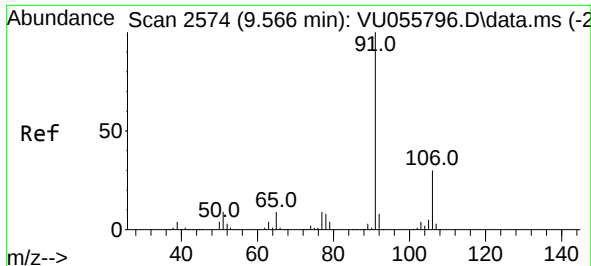
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#62
 Hexachloroethane
 Concen: 9.138 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

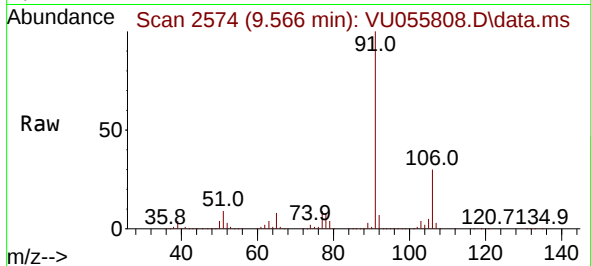
Tgt Ion:117 Resp: 183549
 Ion Ratio Lower Upper
 117 100
 201 75.4 59.6 89.4





#63
Ethyl Benzene
Concen: 10.300 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

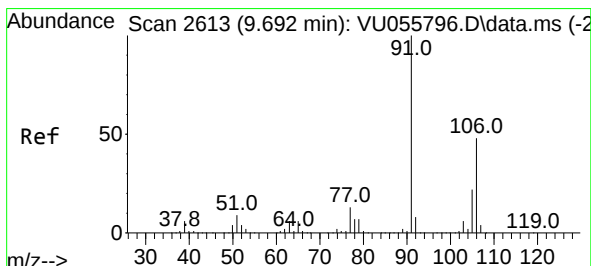
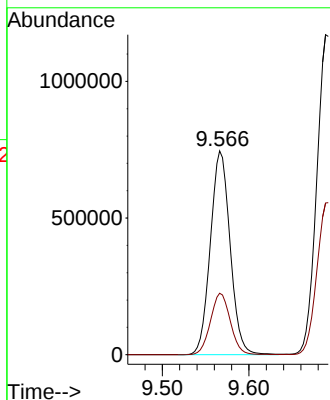
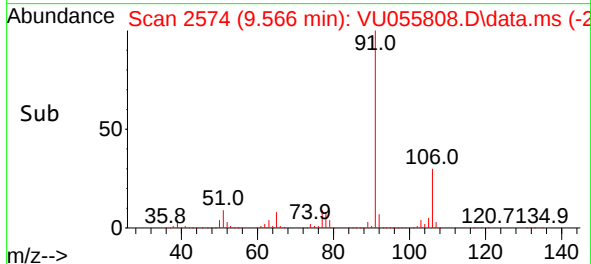
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



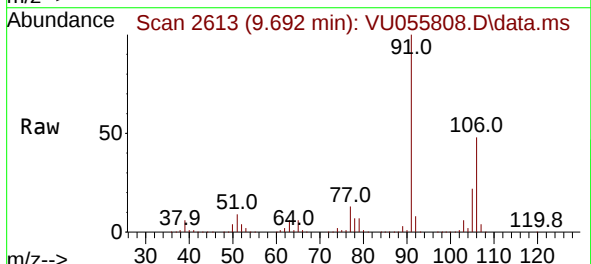
Tgt Ion: 91 Resp: 1181824
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

Manual Integrations
APPROVED

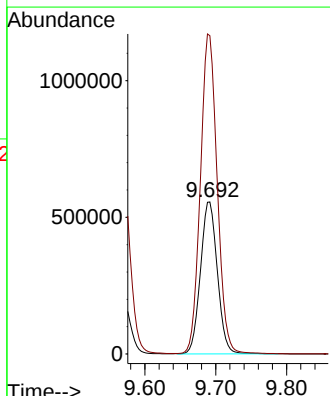
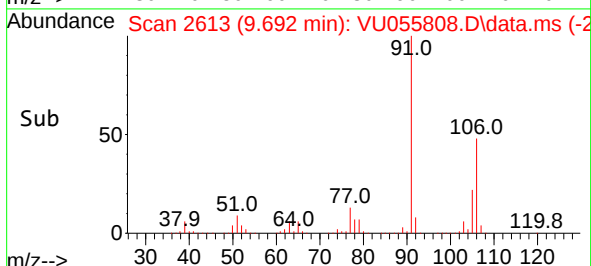
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

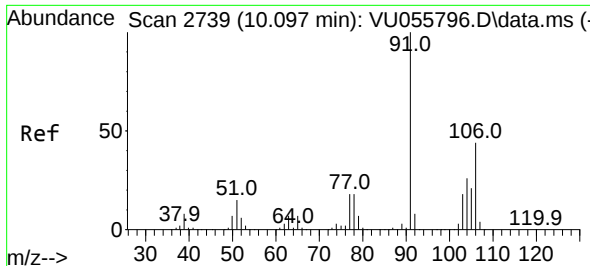


#64
m/p-Xylenes
Concen: 20.836 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



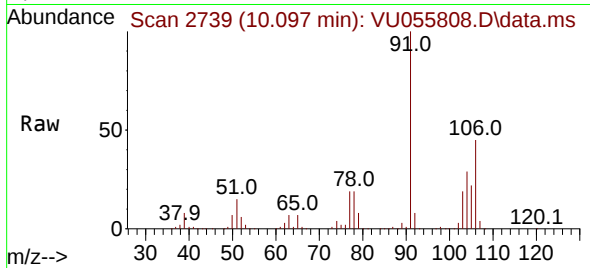
Tgt Ion:106 Resp: 919043
Ion Ratio Lower Upper
106 100
91 210.3 167.3 250.9





#65
o-Xylene
Concen: 10.162 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

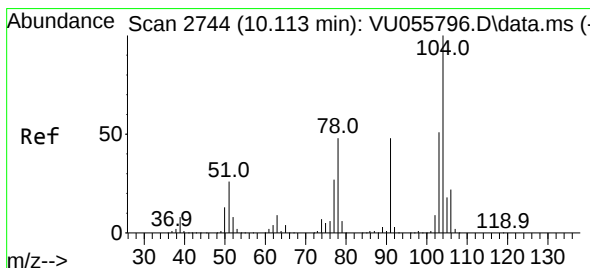
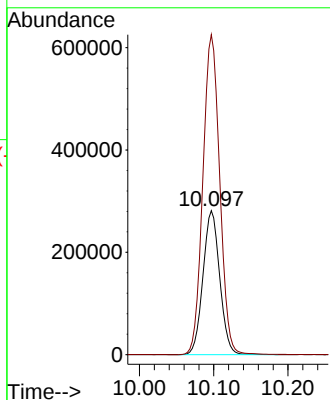
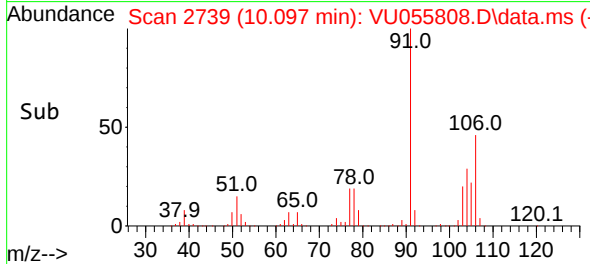
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:106 Resp: 439845
Ion Ratio Lower Upper
106 100
91 223.8 109.3 327.9

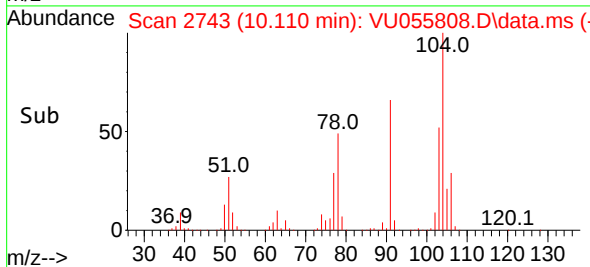
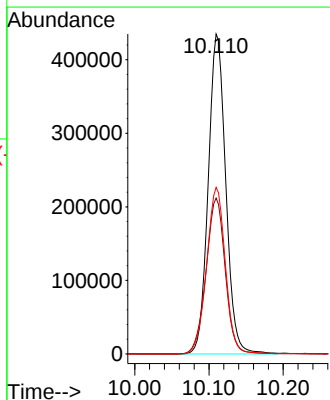
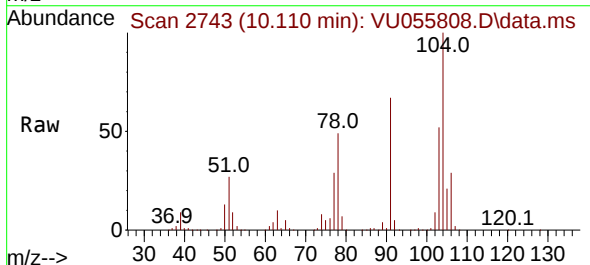
Manual Integrations
APPROVED

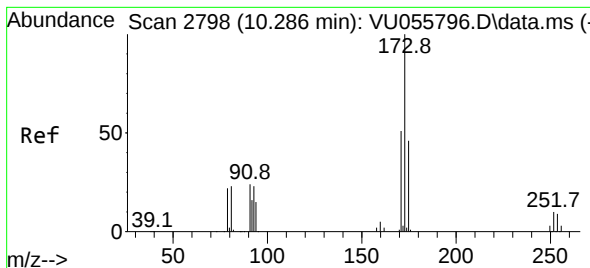
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
Styrene
Concen: 10.540 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Tgt Ion:104 Resp: 713407
Ion Ratio Lower Upper
104 100
78 53.4 39.7 59.5
103 55.7 44.8 67.2





#67

Bromoform

Concen: 9.853 ug/l

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 11714

Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.6

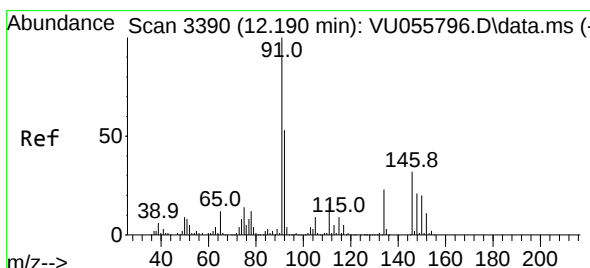
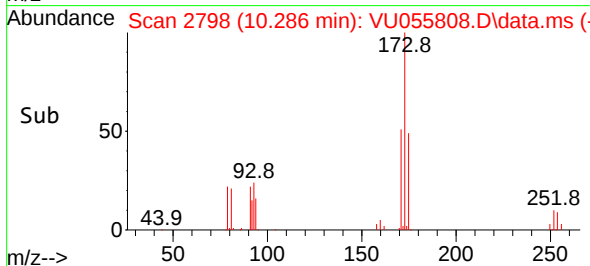
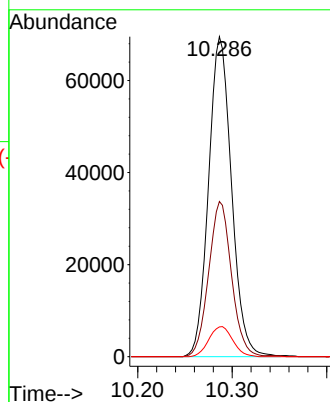
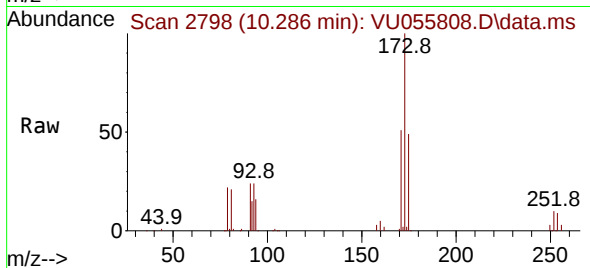
254 9.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.018 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

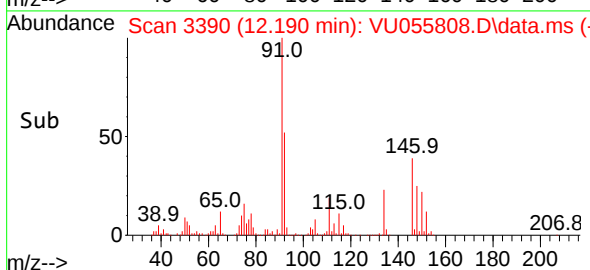
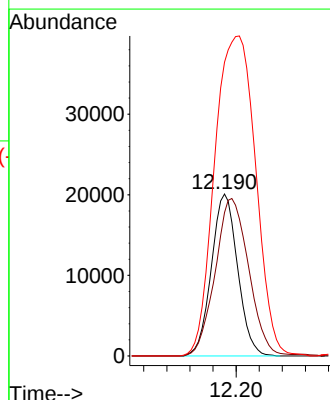
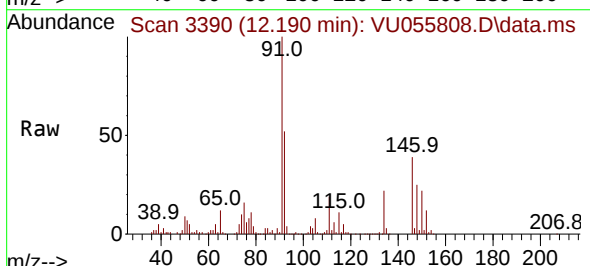
Tgt Ion:152 Resp: 31723

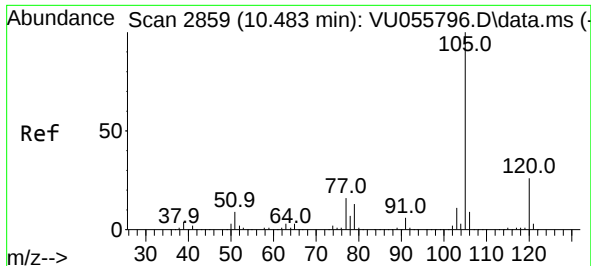
Ion Ratio Lower Upper

152 100

115 124.0 0.0 308.8

150 307.7 0.0 635.0





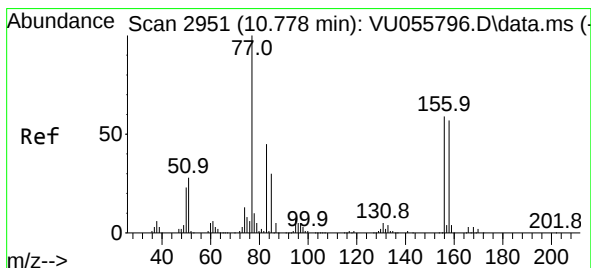
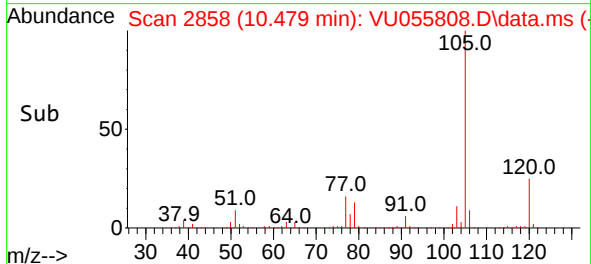
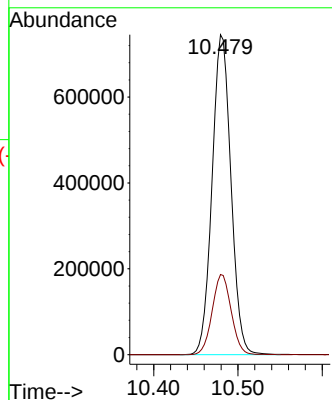
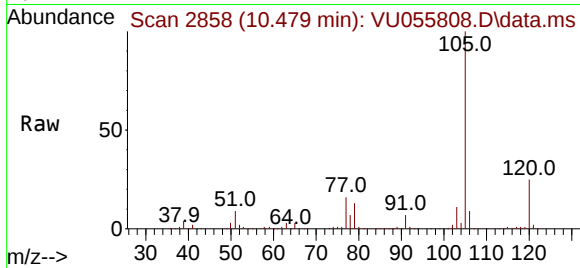
#69
Isopropylbenzene
Concen: 10.391 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 115781
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4

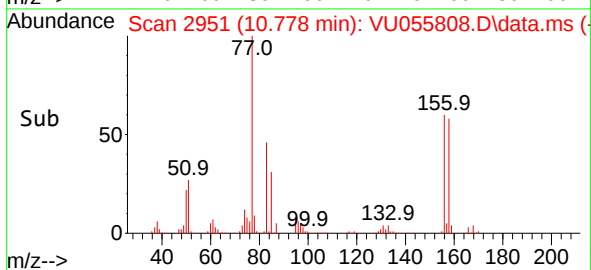
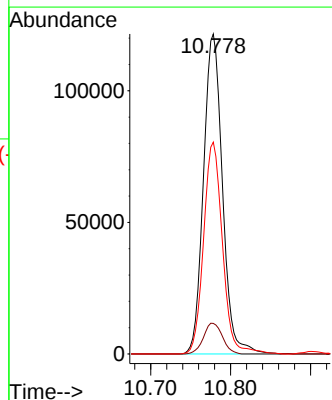
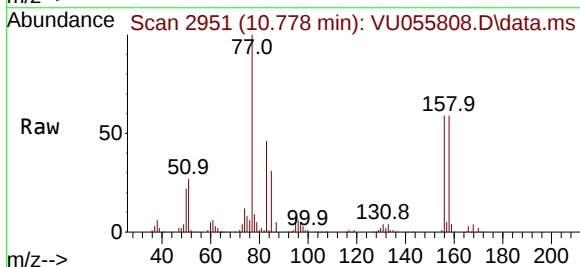
Manual Integrations
APPROVED

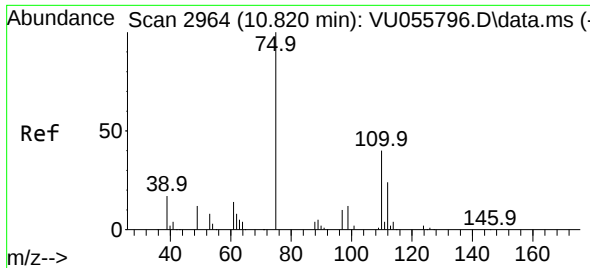
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 9.379 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

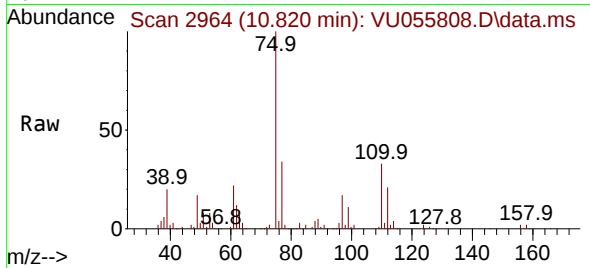
Tgt Ion: 83 Resp: 201122
Ion Ratio Lower Upper
83 100
131 9.6 7.2 10.8
85 65.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 8.699 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

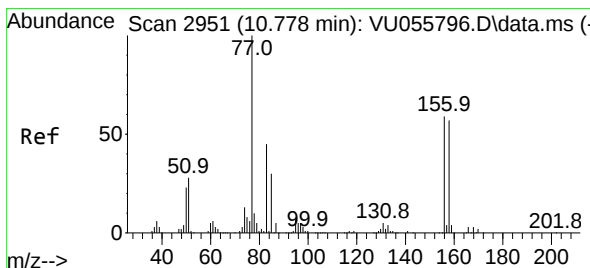
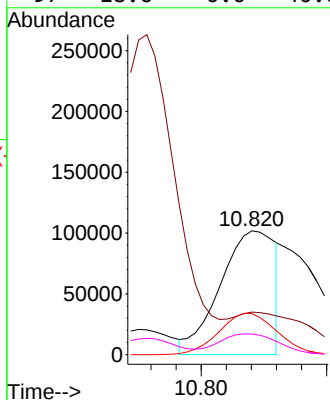
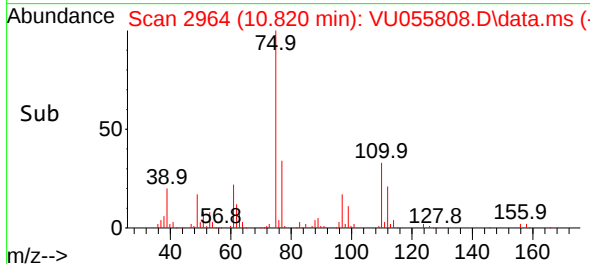
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



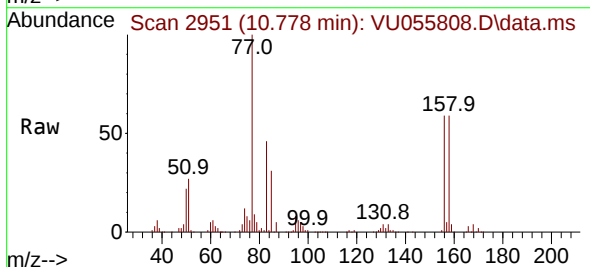
Tgt Ion: 75 Resp: 154629
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 35.7 0.0 74.6
97 18.6 0.0 40.0

Manual Integrations
APPROVED

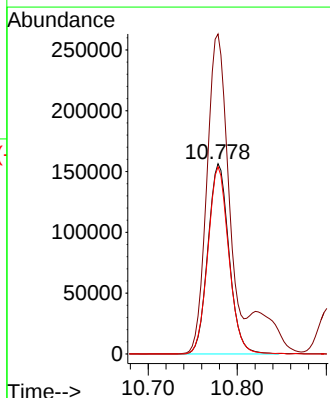
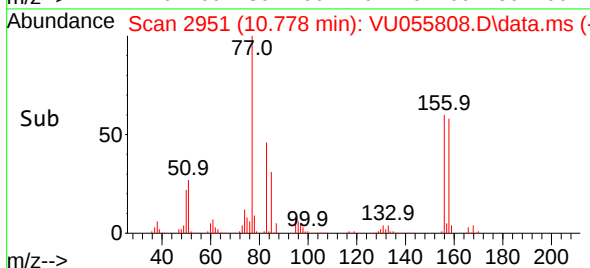
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

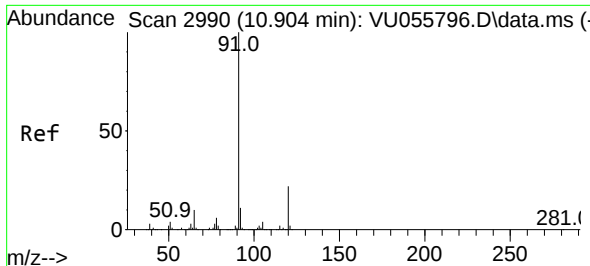


#72
Bromobenzene
Concen: 9.666 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



Tgt Ion:156 Resp: 256994
Ion Ratio Lower Upper
156 100
77 170.9 0.0 343.0
158 97.8 0.0 194.8





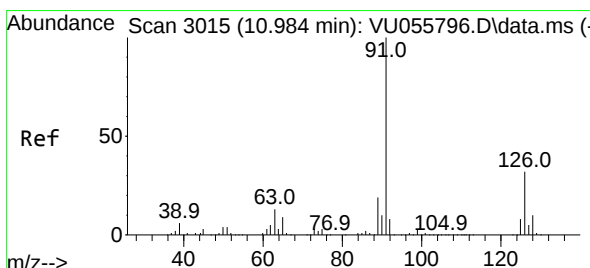
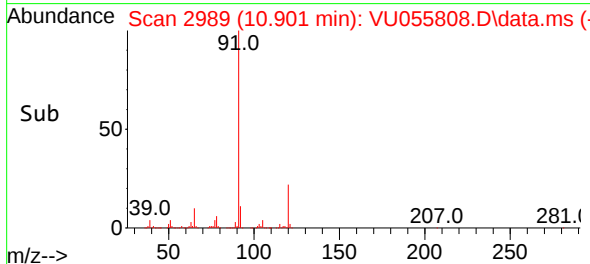
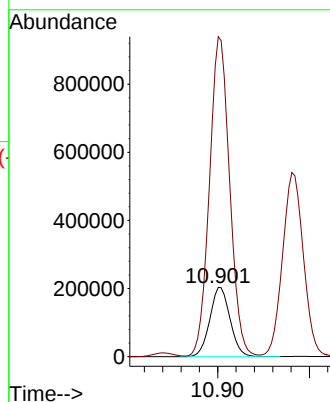
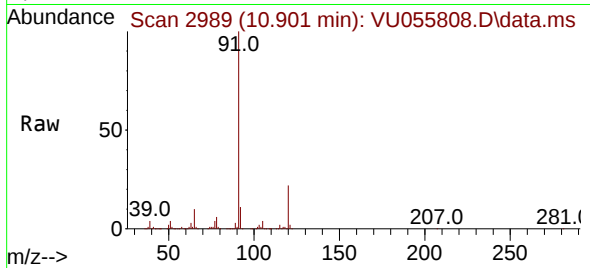
#73
n-propylbenzene
Concen: 8.839 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 311529
Ion Ratio Lower Upper
120 100
91 459.3 369.8 554.6

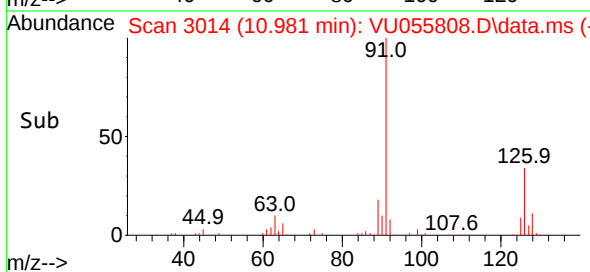
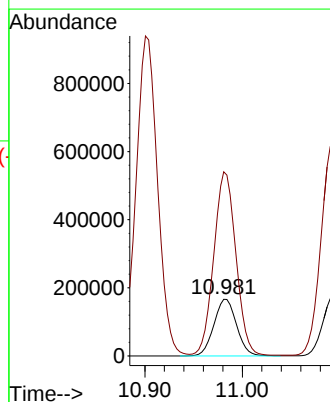
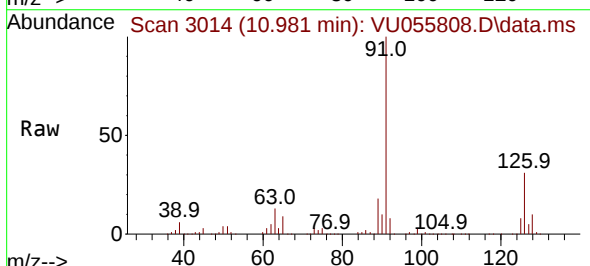
Manual Integrations
APPROVED

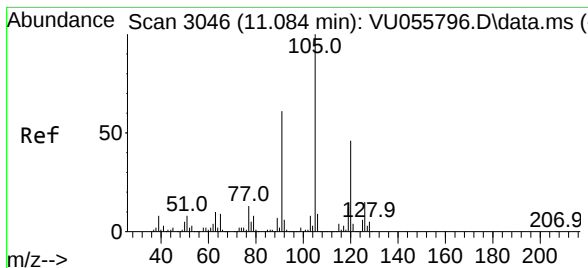
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#74
2-Chlorotoluene
Concen: 10.070 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

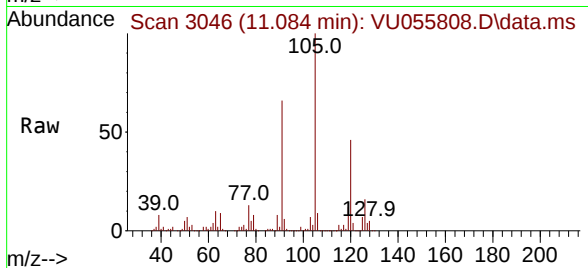
Tgt Ion:126 Resp: 268973
Ion Ratio Lower Upper
126 100
91 315.8 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 9.171 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

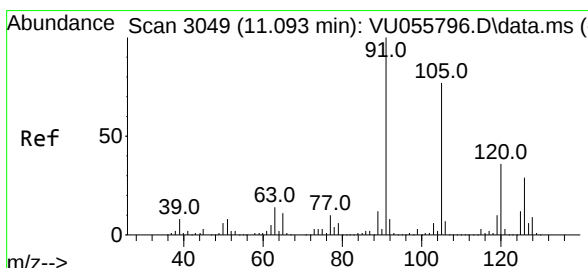
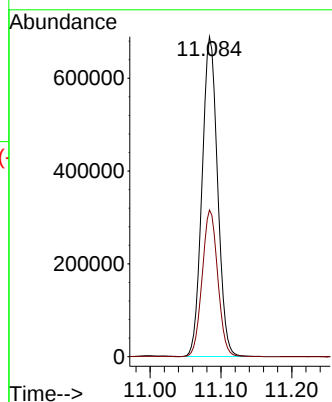
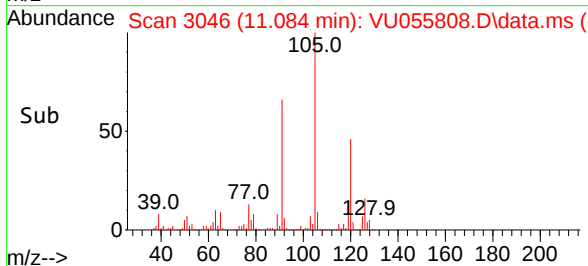
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



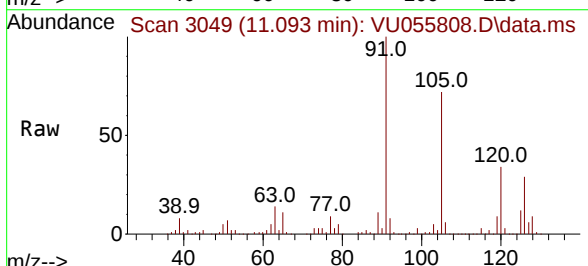
Tgt Ion:105 Resp: 104953
Ion Ratio Lower Upper
105 100
120 46.0 37.8 56.8

Manual Integrations
APPROVED

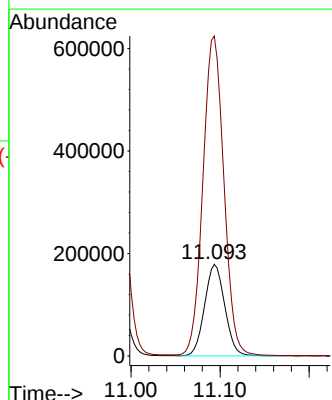
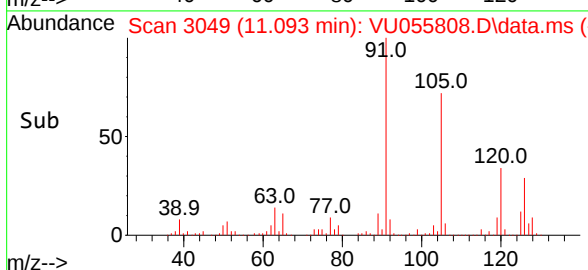
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

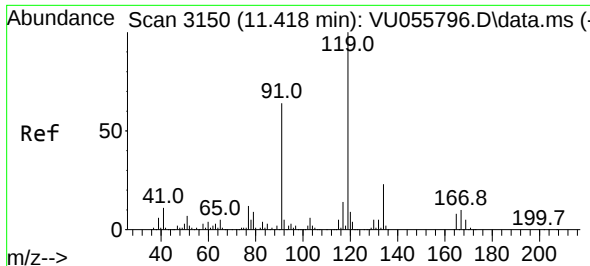


#76
4-Chlorotoluene
Concen: 10.291 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



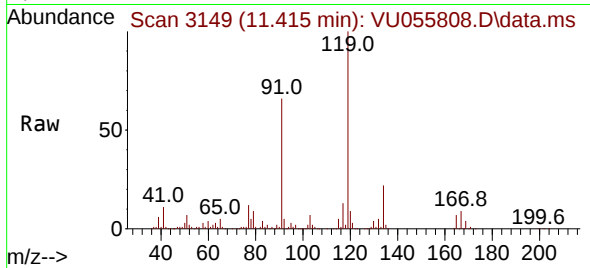
Tgt Ion:126 Resp: 280146
Ion Ratio Lower Upper
126 100
91 362.8 0.0 686.2





#77
tert-Butylbenzene
Concen: 8.859 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

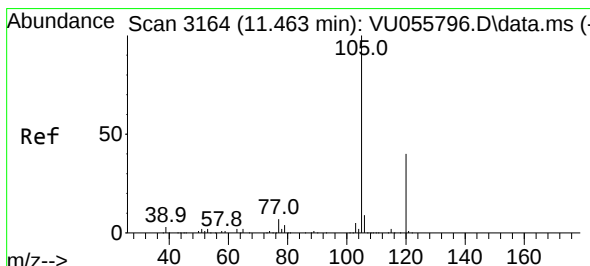
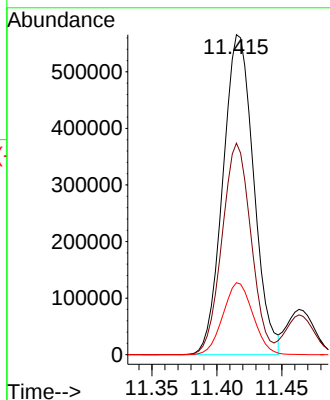
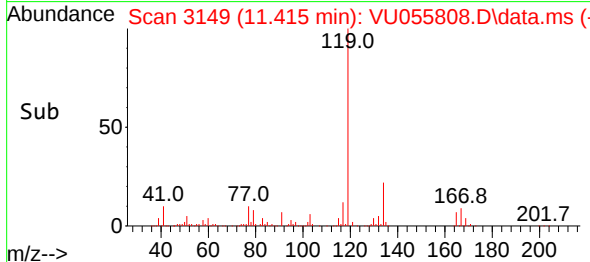
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 93224
Ion Ratio Lower Upper
119 100
91 62.5 30.8 92.4
134 21.9 18.0 27.0

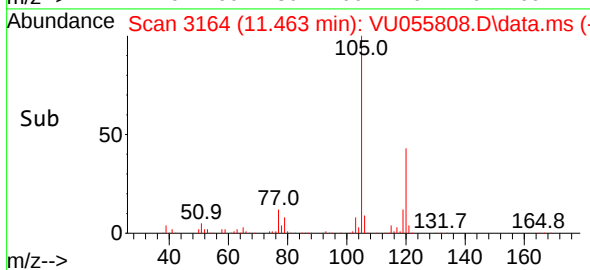
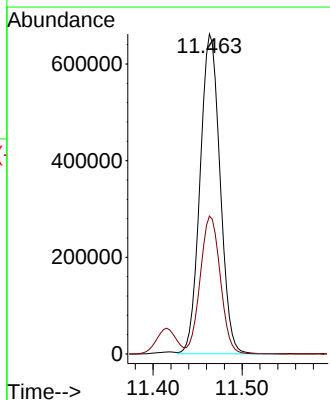
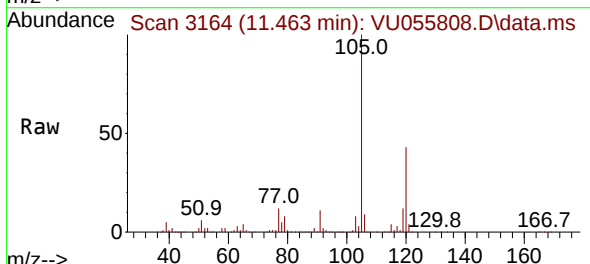
Manual Integrations
APPROVED

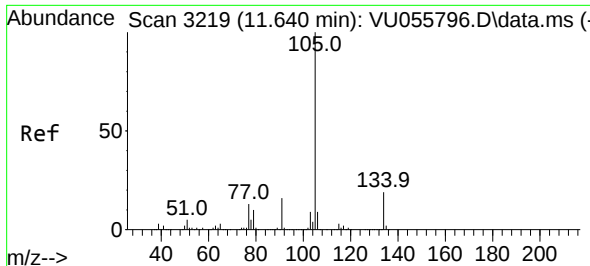
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023



#78
1,2,4-Trimethylbenzene
Concen: 8.965 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

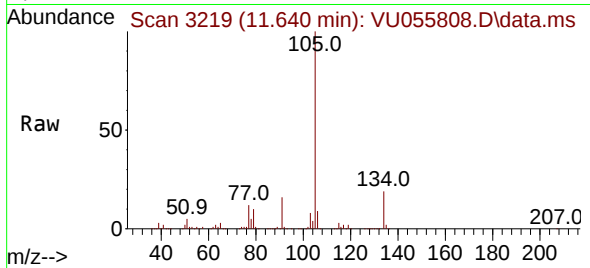
Tgt Ion:105 Resp: 1029735
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 8.776 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30

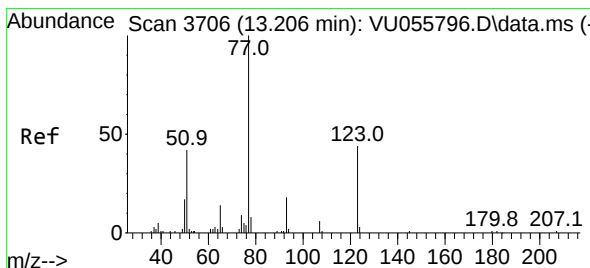
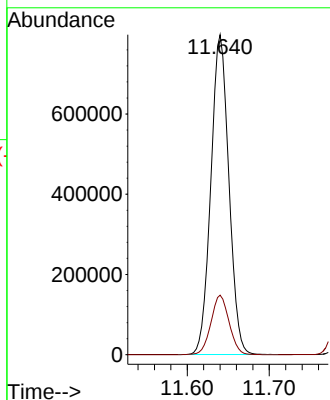
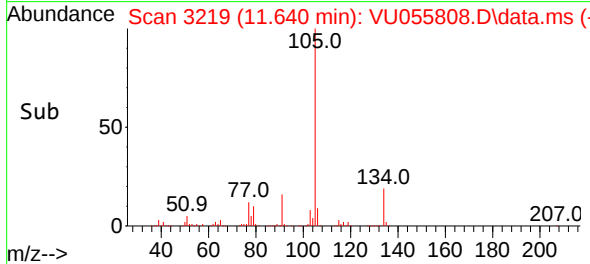
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



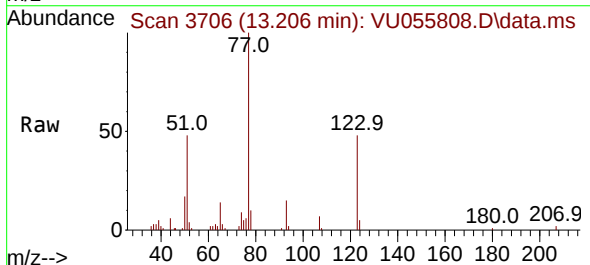
Tgt Ion:105 Resp: 121334
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

Manual Integrations
 APPROVED

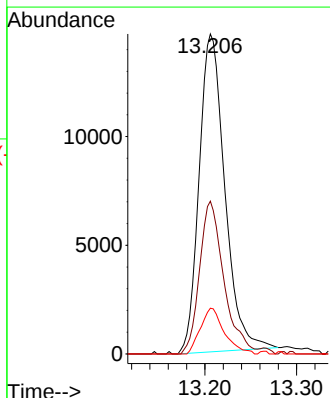
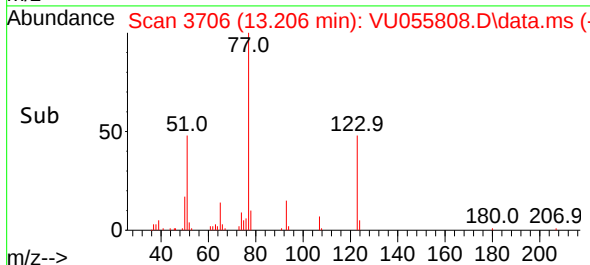
Reviewed By :John Carlone 10/20/2023
 Supervised By :Mahesh Dadoda 10/25/2023

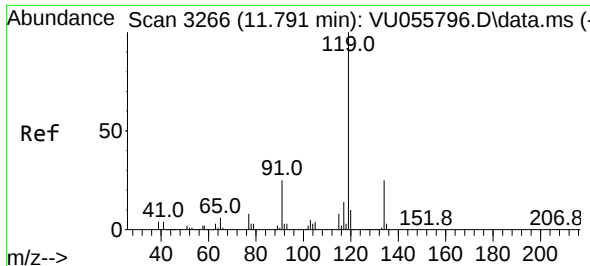


#80
 Nitrobenzene
 Concen: 38.979 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU055808.D
 Acq: 19 Oct 2023 09:30



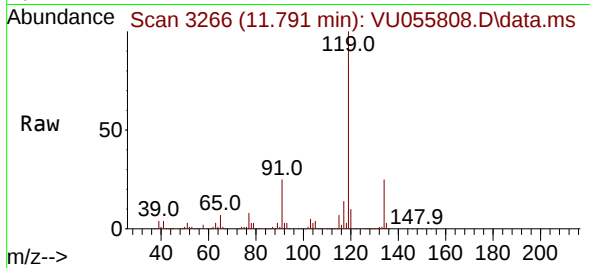
Tgt Ion: 77 Resp: 28454
 Ion Ratio Lower Upper
 77 100
 123 43.5 19.7 69.7
 65 13.4 11.5 14.7





#81
p-Isopropyltoluene
Concen: 8.727 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

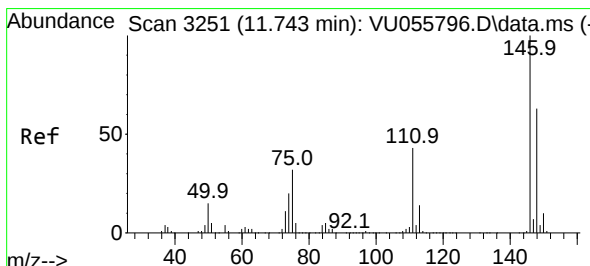
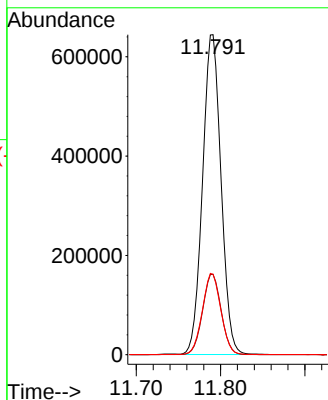
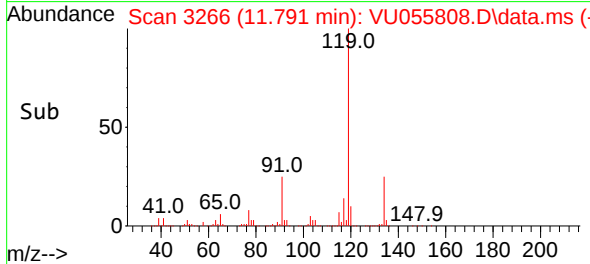
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



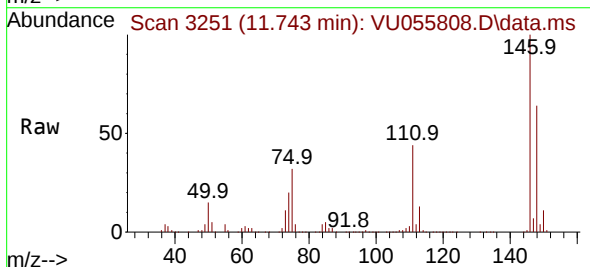
Tgt Ion:119 Resp: 98419
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.4 19.3 28.9

Manual Integrations
APPROVED

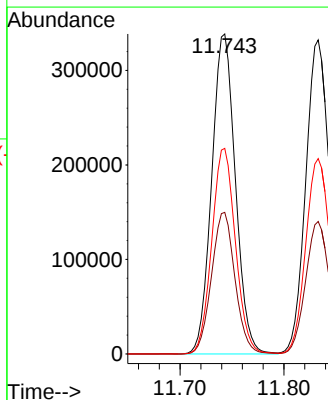
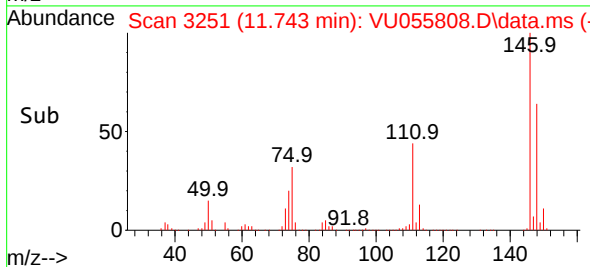
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

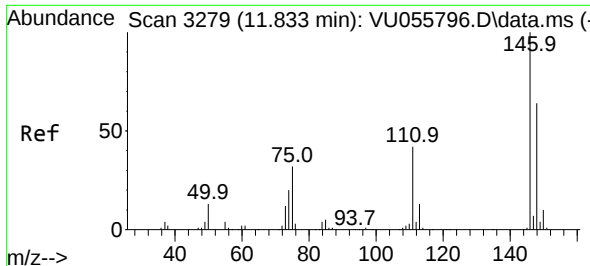


#82
1,3-Dichlorobenzene
Concen: 9.879 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



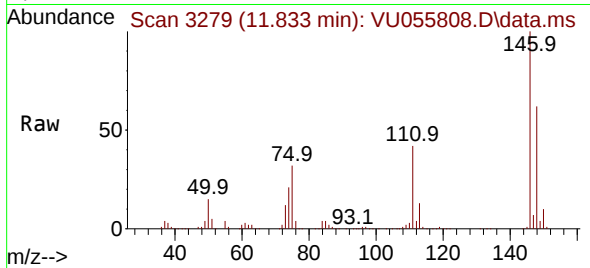
Tgt Ion:146 Resp: 536140
Ion Ratio Lower Upper
146 100
111 43.9 32.6 49.0
148 64.2 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.131 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

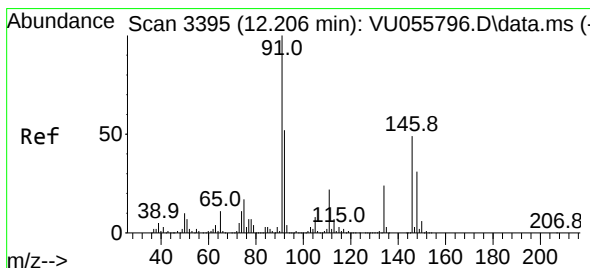
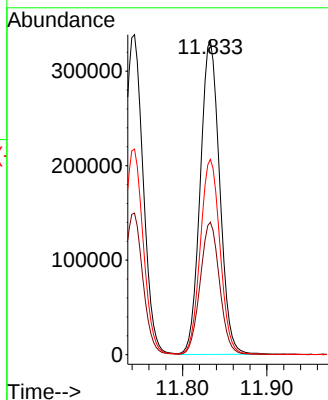
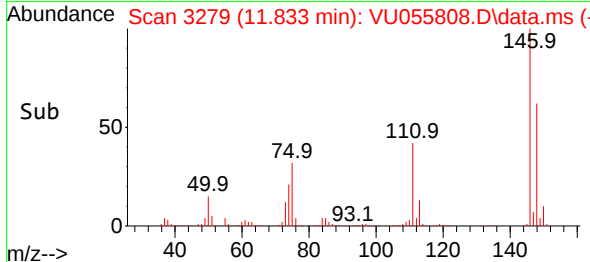
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



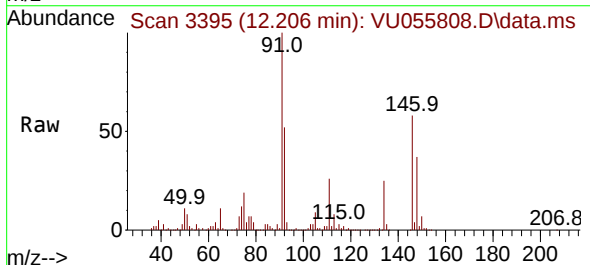
Tgt Ion:146 Resp: 53211
Ion Ratio Lower Upper
146 100
111 42.1 31.6 47.4
148 63.4 50.3 75.5

Manual Integrations
APPROVED

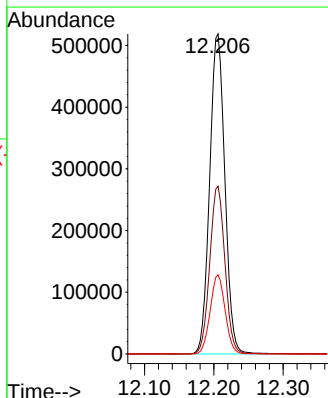
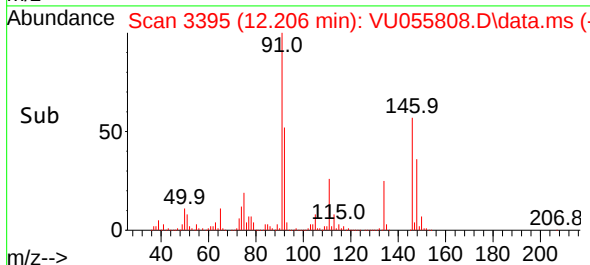
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

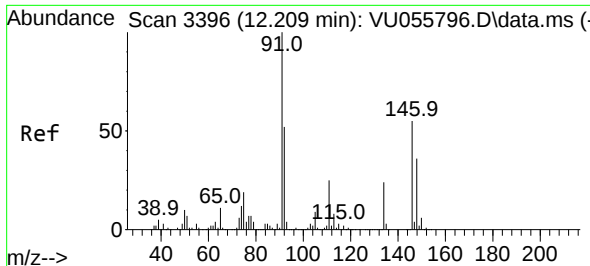


#84
n-Butylbenzene
Concen: 8.251 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



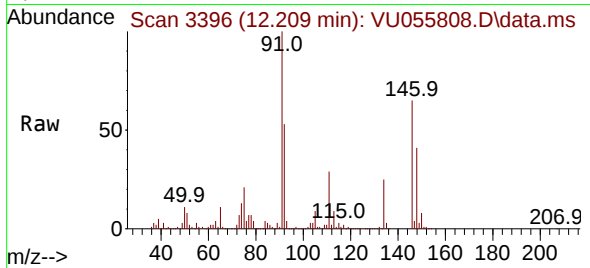
Tgt Ion: 91 Resp: 789232
Ion Ratio Lower Upper
91 100
92 52.3 40.8 61.2
134 24.4 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 9.968 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30

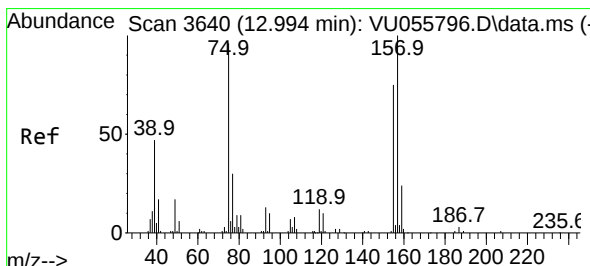
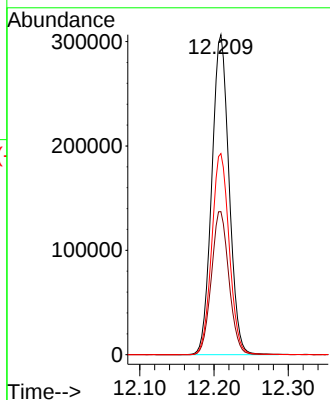
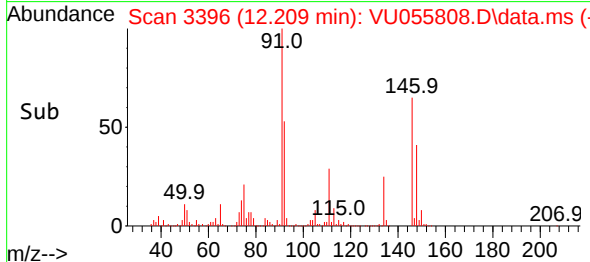
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



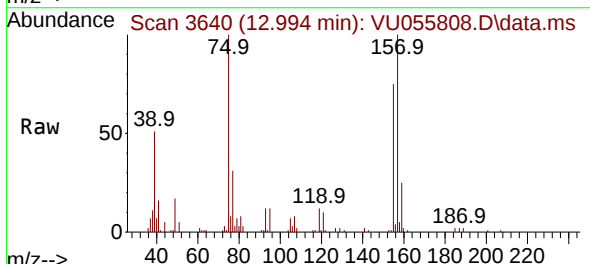
Tgt Ion:146 Resp: 494364
Ion Ratio Lower Upper
146 100
111 45.3 21.6 64.6
148 63.9 32.1 96.5

Manual Integrations
APPROVED

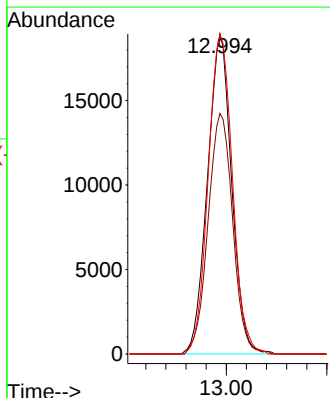
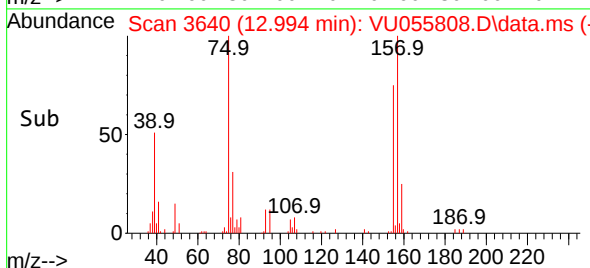
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

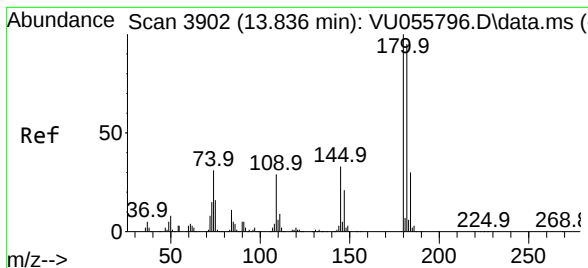


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.309 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU055808.D
Acq: 19 Oct 2023 09:30



Tgt Ion: 75 Resp: 31559
Ion Ratio Lower Upper
75 100
155 76.7 61.8 92.8
157 100.3 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 8.670 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 28428

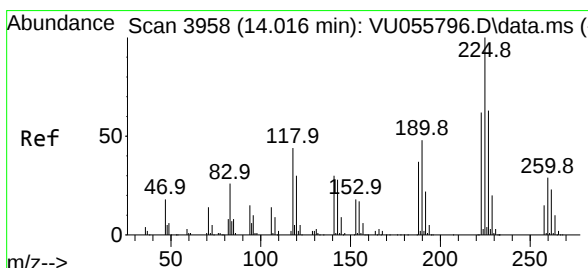
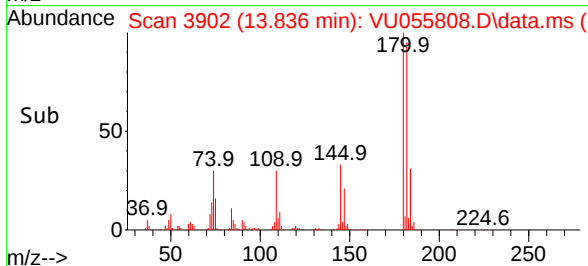
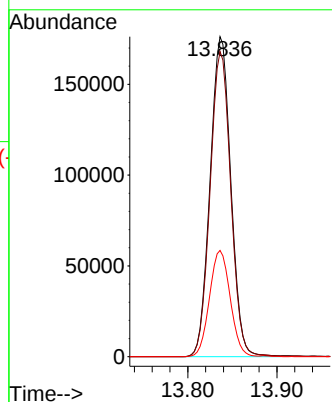
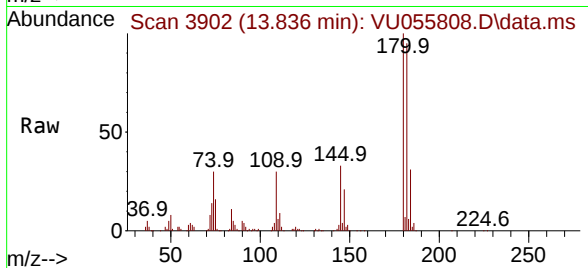
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.2	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#88

Hexachlorobutadiene

Concen: 10.620 ug/l

RT: 14.016 min Scan# 3958

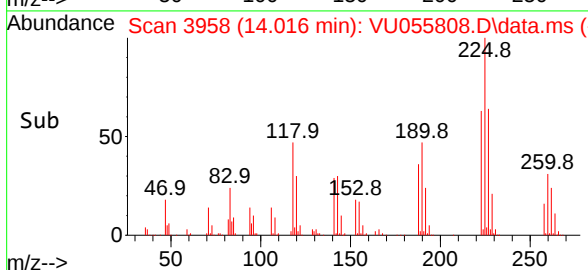
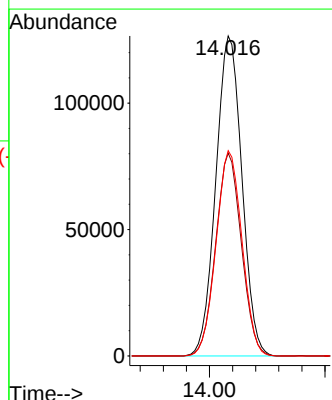
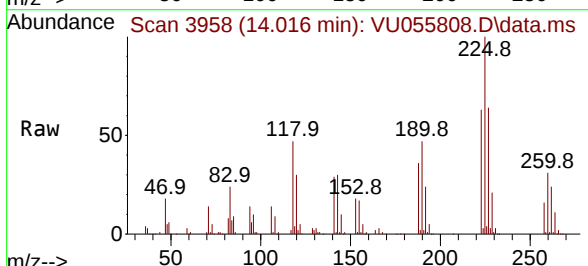
Delta R.T. 0.000 min

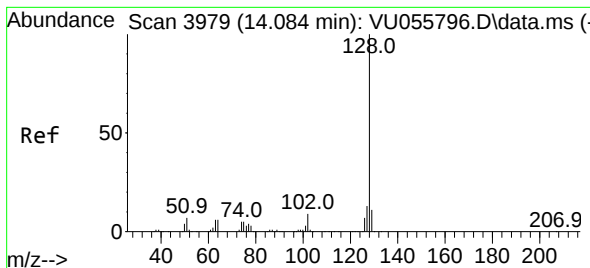
Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Tgt Ion:225 Resp: 198737

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	63.6	51.5	77.3





#89

Naphthalene

Concen: 8.324 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

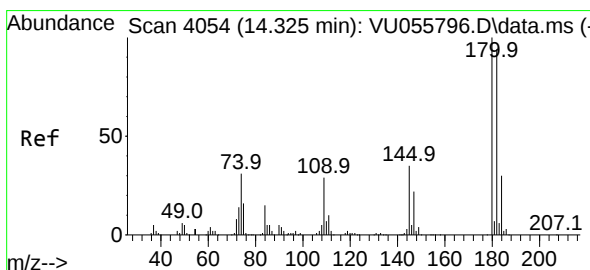
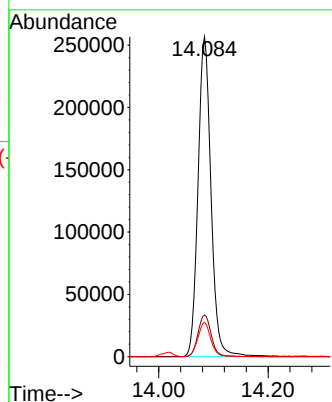
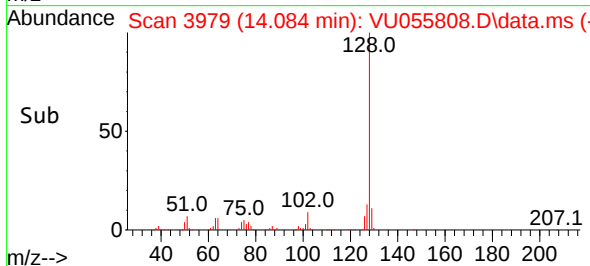
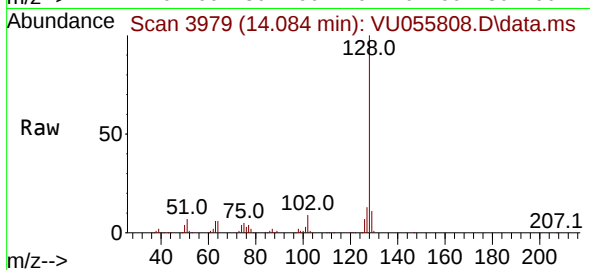
Tgt Ion:	128	Resp:	423394
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.9	16.3
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Mahesh Dadoda 10/25/2023



#90

1,2,3-Trichlorobenzene

Concen: 9.030 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055808.D

Acq: 19 Oct 2023 09:30

Tgt Ion:	180	Resp:	257134
Ion Ratio	Lower	Upper	
180	100		
182	97.4	75.7	113.5
145	35.2	26.1	39.1

