

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054864.D
 Acq On : 24 Jul 2023 18:43
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 25 02:15:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	27228	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8060	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	9176	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54081	9.982	ug/l	96
3) Chloromethane	1.518	50	59536	9.462	ug/l	100
4) Vinyl Chloride	1.602	62	81539	10.095	ug/l	100
5) Bromomethane	1.856	94	57284	9.993	ug/l	98
6) Chloroethane	1.930	64	78655	10.305	ug/l	99
7) Trichlorofluoromethane	2.133	101	214687	10.967	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	59367	10.585	ug/l	99
9) 1,1-Dichloroethene	2.573	96	49257	10.516	ug/l	97
10) Iodomethane	2.714	142	78852	10.451	ug/l	99
11) Allyl Chloride	2.917	41	55929	10.179	ug/l	100
12) Acrylonitrile	3.325	53	26728	23.454	ug/l	95
13) Acetone	2.650	43	47656	48.778	ug/l	92
14) Carbon Disulfide	2.788	76	80641	10.212	ug/l	98
15) Methylene Chloride	3.039	84	69868	10.273	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	54459	10.463	ug/l	97
17) 1,1-Dichloroethane	3.866	63	114569	10.402	ug/l	97
18) 2-Butanone	4.714	43	79724	55.782	ug/l	100
19) Cyclohexane	5.383	56	66028	10.354	ug/l	91
20) Methylcyclohexane	6.759	83	89575	10.576	ug/l	97
21) 2,2-Dichloropropane	4.660	77	95213	9.911	ug/l	98
22) cis-1,2-Dichloroethene	4.660	96	70725	10.731	ug/l	98
23) Diethyl Ether	2.374	59	75295	10.462	ug/l	99
24) tert-Butyl Alcohol	3.248	59	73275m	118.196	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	158737	11.106	ug/l	96
26) Bromochloromethane	4.972	128	29890	11.899	ug/l	99
27) Chloroform	5.084	83	126836	10.479	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	108826	10.699	ug/l	100
29) 1,1-Dichloropropene	5.521	75	79877	11.041	ug/l	99
30) Carbon Tetrachloride	5.521	117	90643	10.722	ug/l	99
31) Isopropyl Ether	3.988	45	174069	10.679	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	181958	10.863	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	176200	11.178	ug/l	99
34) Propionitrile	4.798	54	27845	65.129	ug/l #	94
35) Benzene	5.769	78	251816	10.711	ug/l	99
36) 1,2-Dichloroethane	5.788	62	74606	11.046	ug/l	98
37) Trichloroethene	6.537	130	69142	10.882	ug/l	95
38) 1,2-Dichloropropane	6.788	63	70044	10.321	ug/l	99
39) Methacrylonitrile	4.975	41	18211	11.966	ug/l	98
40) Methyl acrylate	4.843	55	30946	11.915	ug/l	99
41) Tetrahydrofuran	5.065	42	20937	23.277	ug/l	98
42) 1-Chlorobutane	5.454	56	102365	10.459	ug/l	99
43) Dibromomethane	6.914	93	35689	11.304	ug/l	98
44) Bromodichloromethane	7.103	83	95892	11.086	ug/l #	96

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Instrument :
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 ClientSampleId :
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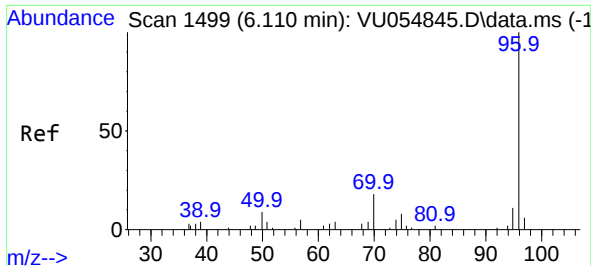
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	225506	60.352	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	43804m	28.002	ug/l	
47) Methyl methacrylate	6.955	69	70202	23.670	ug/l	98
48) Ethyl methacrylate	8.328	69	70647	11.725	ug/l	95
49) Toluene	7.965	92	164394	10.958	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	88957	11.602	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	103454	11.097	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	54528	11.447	ug/l	94
53) 1,3-Dichloropropane	8.573	76	90363	11.256	ug/l	97
54) 2-Hexanone	8.682	43	154694	59.384	ug/l	98
55) Dibromochloromethane	8.804	129	63701	11.192	ug/l	96
56) 1,2-Dibromoethane	8.920	107	49093	11.783	ug/l	99
58) Tetrachloroethene	8.547	164	59362	10.721	ug/l	94
59) Chlorobenzene	9.441	112	195161	10.914	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	70402	11.152	ug/l	95
61) Pentachloroethane	11.422	117	55212	11.110	ug/l	98
62) Hexachloroethane	12.470	117	59053	11.568	ug/l	96
63) Ethyl Benzene	9.566	91	338003	11.088	ug/l	96
64) m/p-Xylenes	9.688	106	251189	21.795	ug/l	97
65) o-Xylene	10.097	106	127641	10.995	ug/l	97
66) Styrene	10.110	104	210968	11.311	ug/l	99
67) Bromoform	10.287	173	37175	12.122	ug/l	97
69) Isopropylbenzene	10.479	105	343821	10.916	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	72417	12.192	ug/l	98
71) 1,2,3-Trichloropropane	10.827	75	45008m	10.752	ug/l	
72) Bromobenzene	10.778	156	78230	10.766	ug/l	97
73) n-propylbenzene	10.901	120	93984	11.106	ug/l	97
74) 2-Chlorotoluene	10.981	126	80699	10.951	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	284033	11.070	ug/l	100
76) 4-Chlorotoluene	11.094	126	85047	11.227	ug/l	98
77) tert-Butylbenzene	11.415	119	292051	11.052	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	288364	11.175	ug/l	100
79) sec-Butylbenzene	11.640	105	381813	11.136	ug/l	99
80) Nitrobenzene	13.203	77	10212	47.374	ug/l #	95
81) p-Isopropyltoluene	11.788	119	311096	11.139	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	163347	11.229	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	162647	11.148	ug/l	99
84) n-Butylbenzene	12.206	91	290581	11.308	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	157372	11.359	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	11002	11.318	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	101500	11.427	ug/l	99
88) Hexachlorobutadiene	14.016	225	52307	11.024	ug/l	99
89) Naphthalene	14.081	128	163754	11.399	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	96830	12.614	ug/l	99

(#) = 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. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

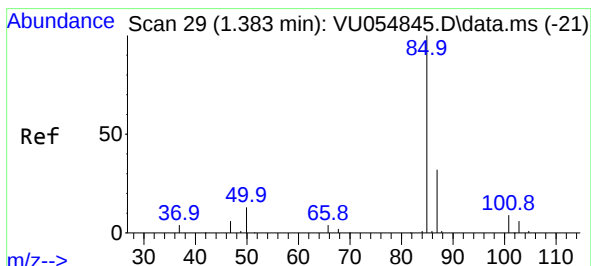
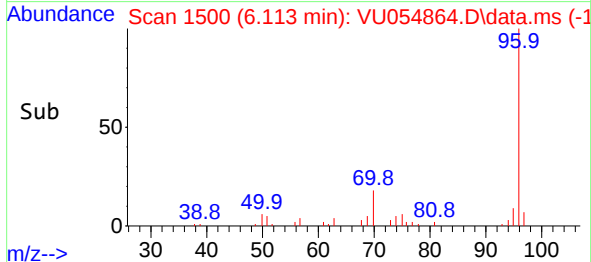
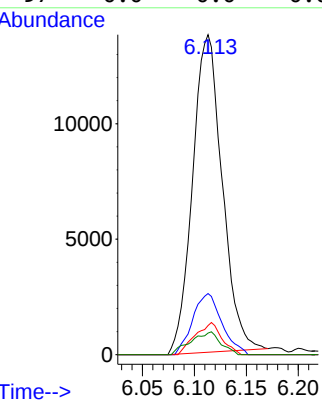
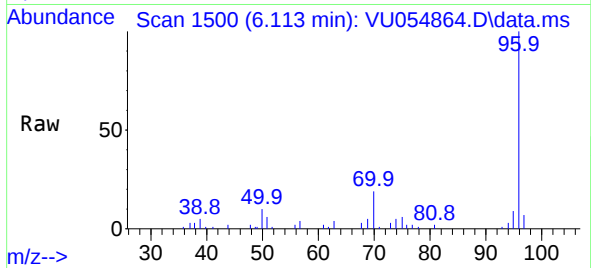
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 27228

Ion	Ratio	Lower	Upper
96	100		
70	19.0	14.0	21.0
95	9.1	8.7	13.1
97	0.0	0.0	0.0

Manual Integrations
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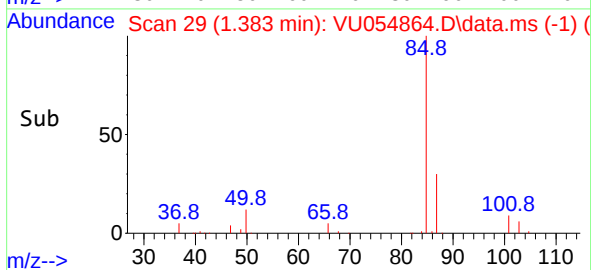
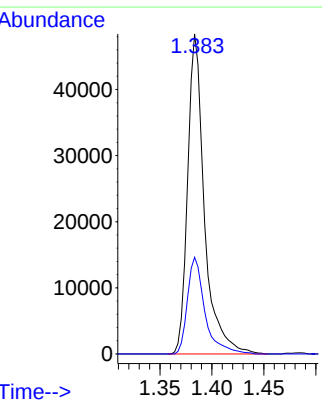
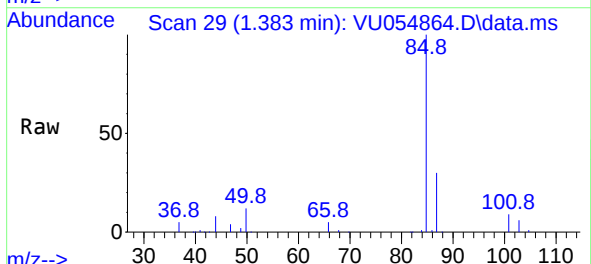
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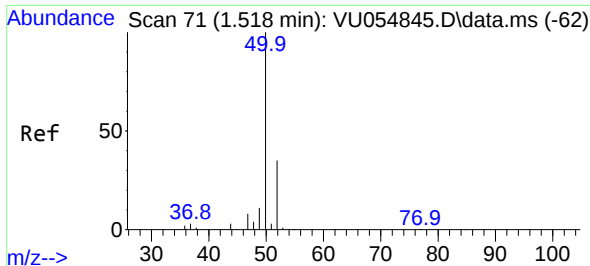


#2
Dichlorodifluoromethane
Concen: 9.982 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 85 Resp: 54081

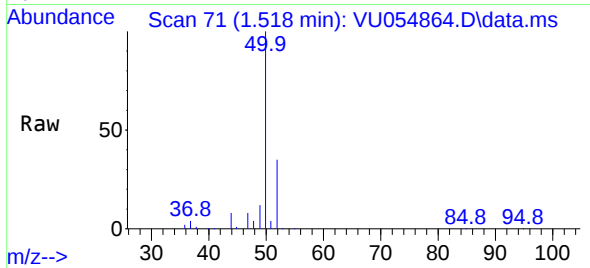
Ion	Ratio	Lower	Upper
85	100		
87	30.2	16.2	48.6





#3
Chloromethane
Concen: 9.462 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

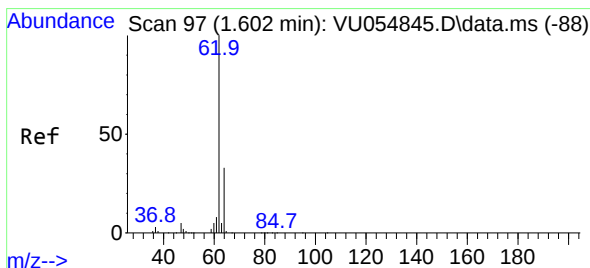
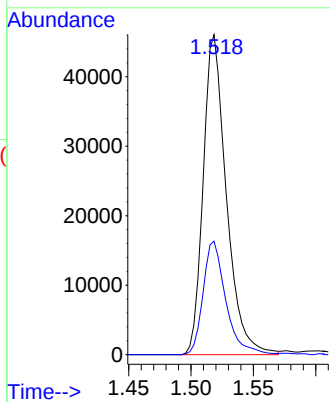
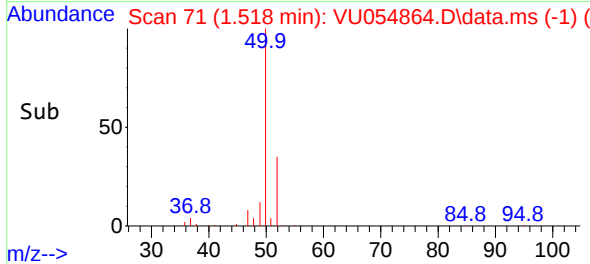
Instrument :
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ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 59530
Ion Ratio Lower Upper
50 100
52 35.5 28.2 42.2

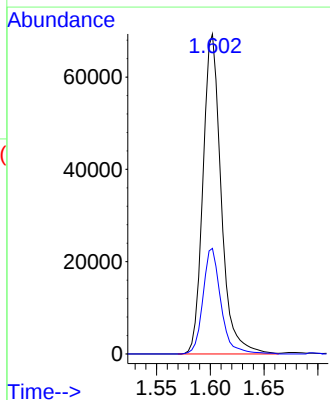
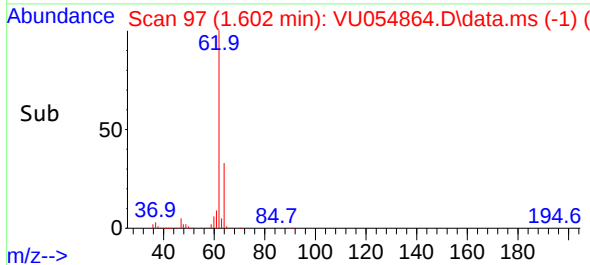
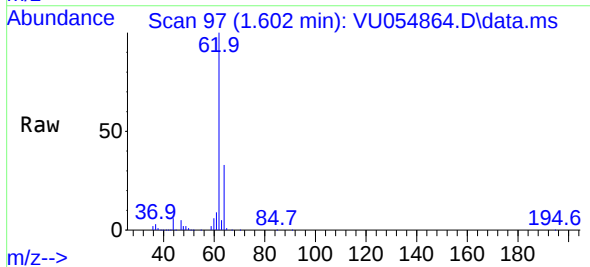
Manual Integrations
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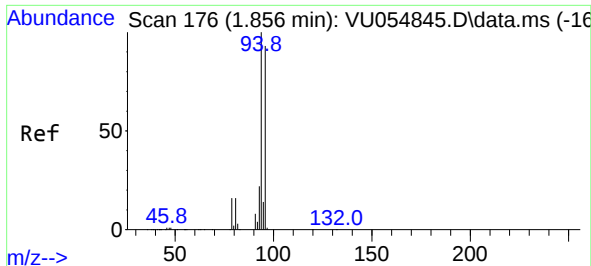
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 10.095 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

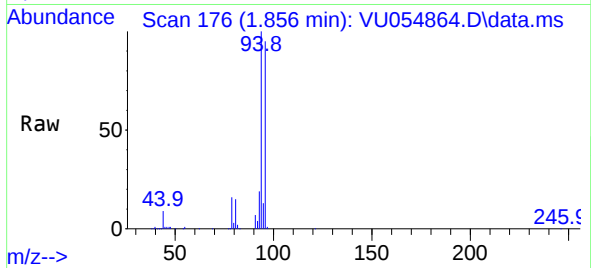
Tgt Ion: 62 Resp: 81539
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5
Bromomethane
Concen: 9.993 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

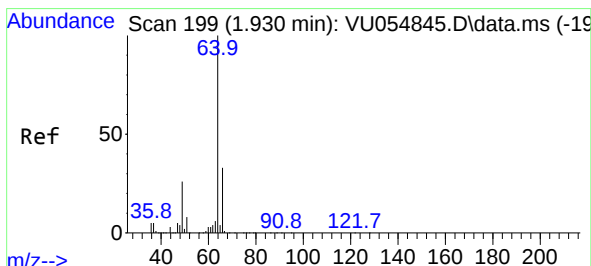
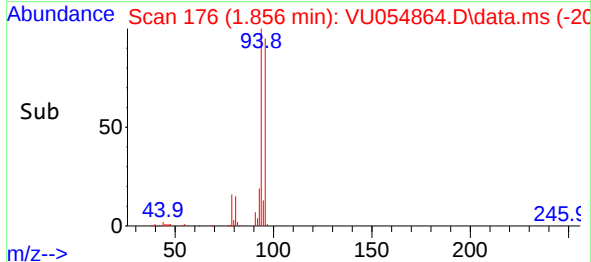
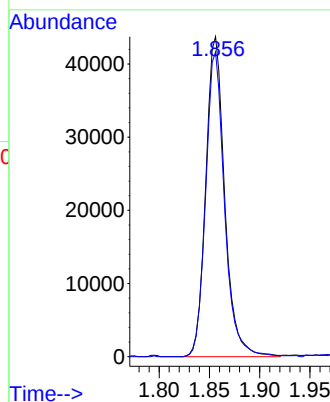
Instrument :
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ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 57284
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

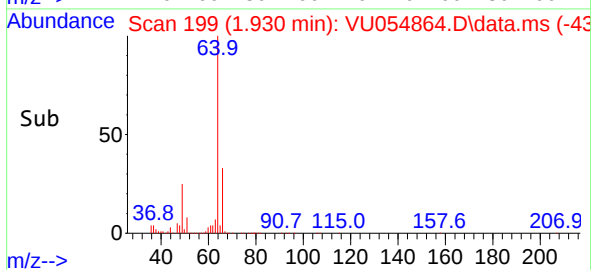
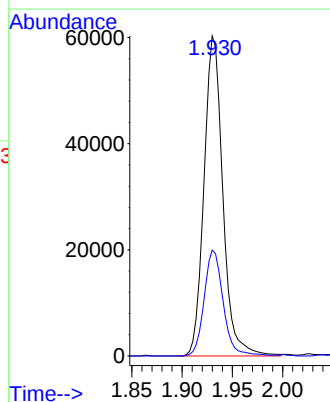
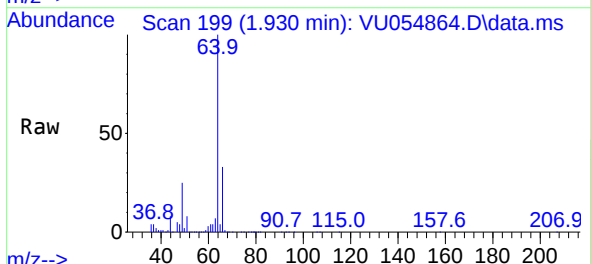
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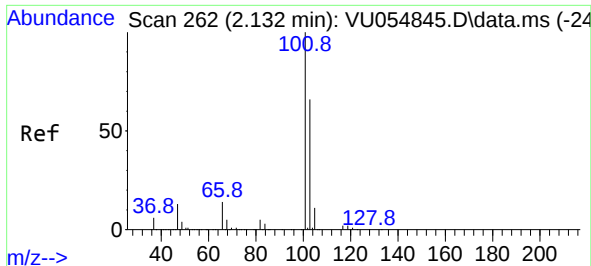
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 10.305 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 64 Resp: 78655
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 10.967 ug/l
 RT: 2.133 min Scan# 21468
 Delta R.T. 0.000 min
 Lab File: VU054864.D
 Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

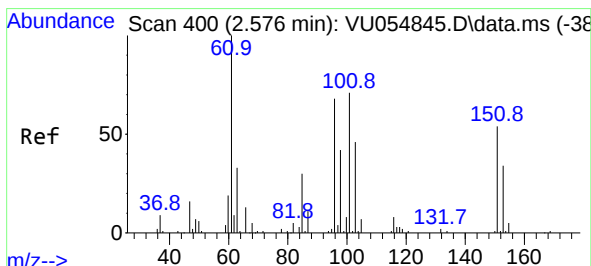
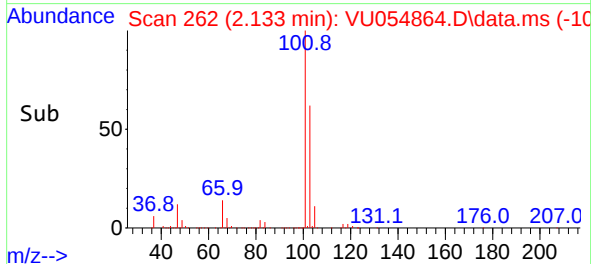
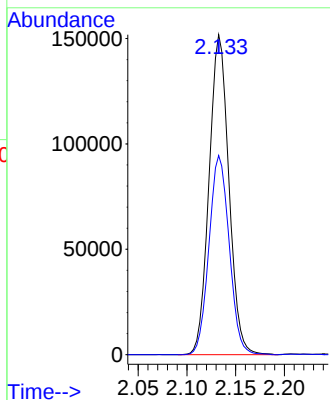
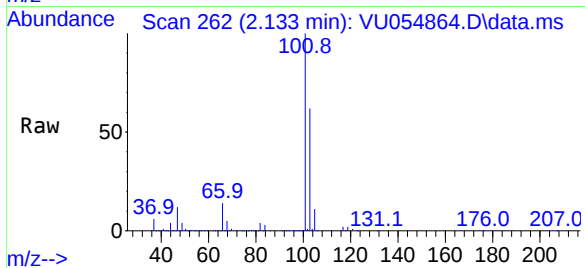
VSTDCCC010EC

Tgt Ion:101 Resp: 21468
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.9 79.3

Manual Integrations

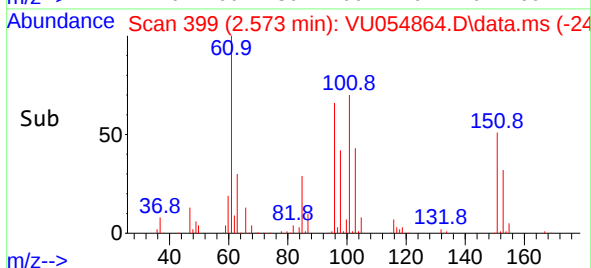
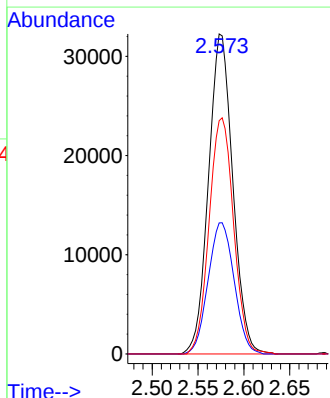
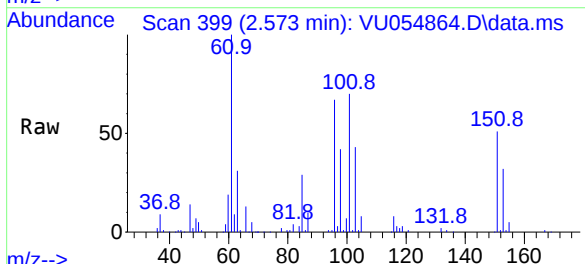
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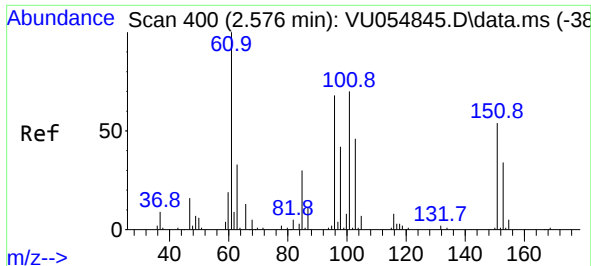
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.585 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU054864.D
 Acq: 24 Jul 2023 18:43

Tgt Ion:101 Resp: 59367
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.8 52.2
 151 74.6 60.5 90.7





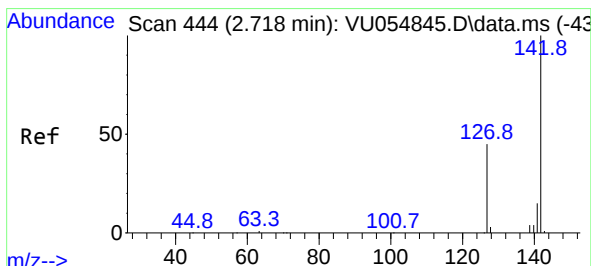
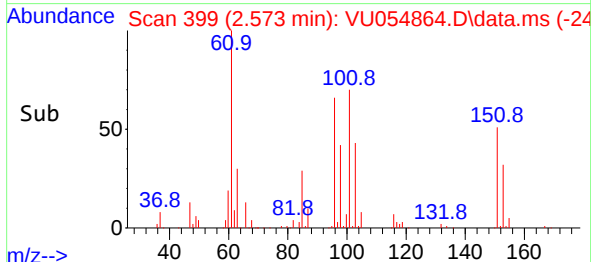
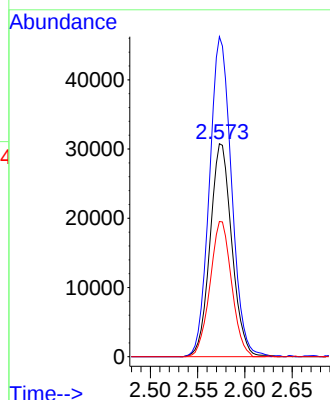
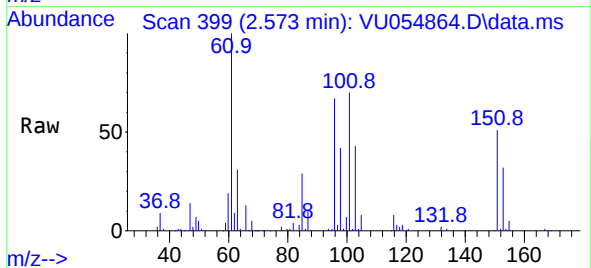
#9
1,1-Dichloroethene
Concen: 10.516 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 4925
Ion Ratio Lower Upper
96 100
61 150.3 0.0 440.1
98 63.5 0.0 121.8

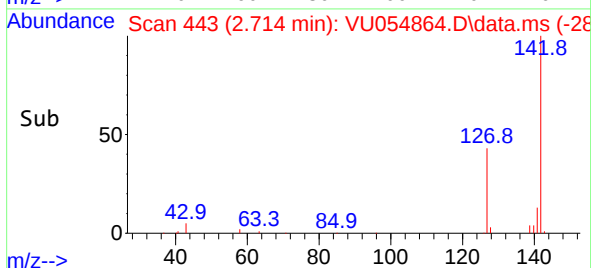
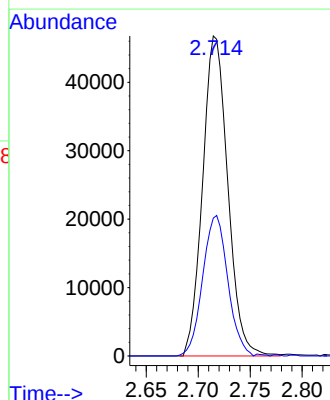
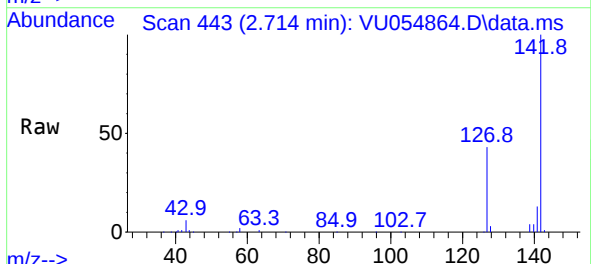
Manual Integrations
APPROVED

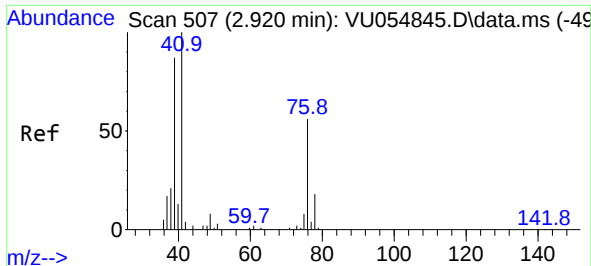
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 10.451 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.004 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion:142 Resp: 78852
Ion Ratio Lower Upper
142 100
127 43.7 34.3 51.5





#11

Allyl Chloride

Concen: 10.179 ug/l

RT: 2.917 min Scan# 507

Delta R.T. -0.003 min

Lab File: VU054864.D

Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 55929

Ion Ratio Lower Upper

41 100

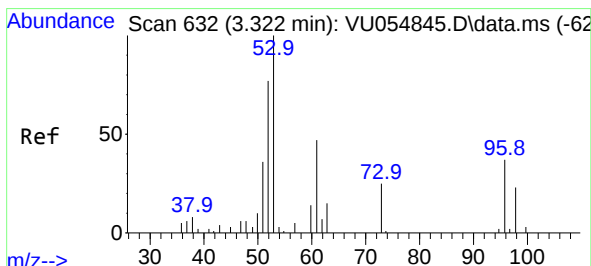
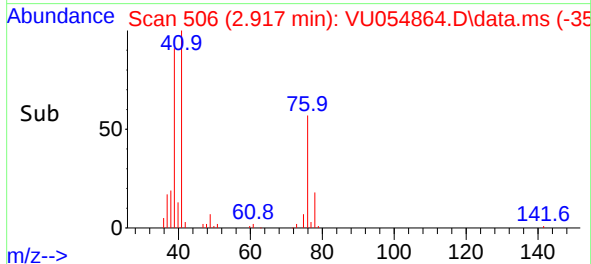
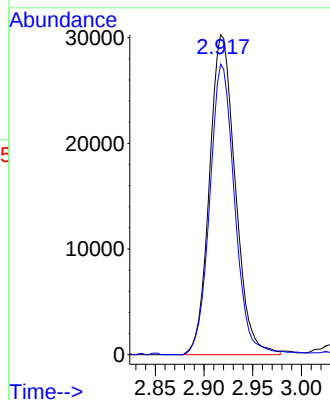
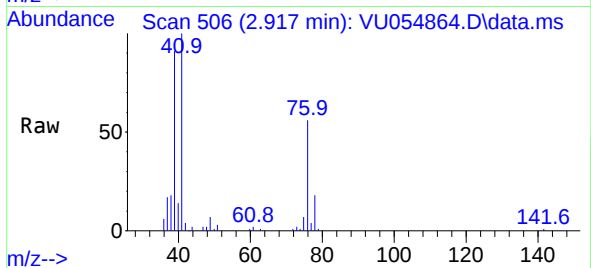
39 87.9 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

Acrylonitrile

Concen: 23.454 ug/l

RT: 3.325 min Scan# 633

Delta R.T. 0.003 min

Lab File: VU054864.D

Acq: 24 Jul 2023 18:43

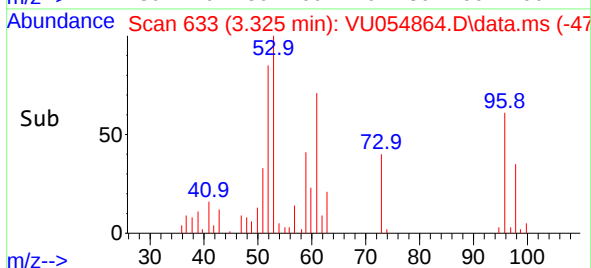
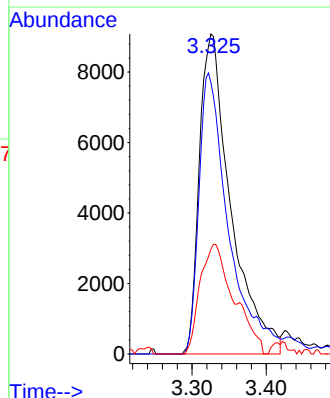
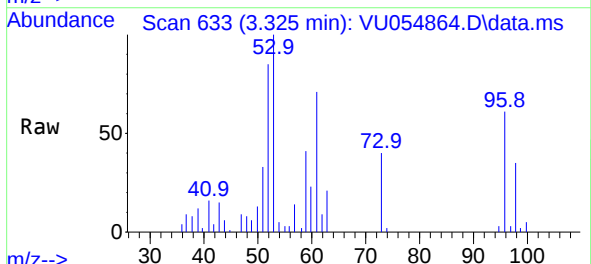
Tgt Ion: 53 Resp: 26728

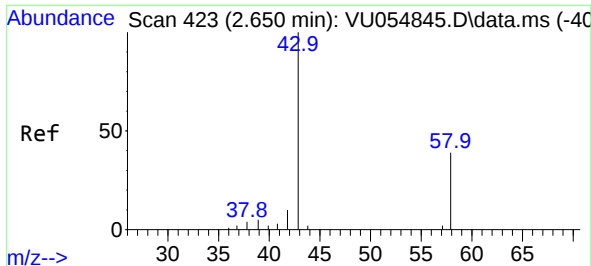
Ion Ratio Lower Upper

53 100

52 83.0 64.2 96.4

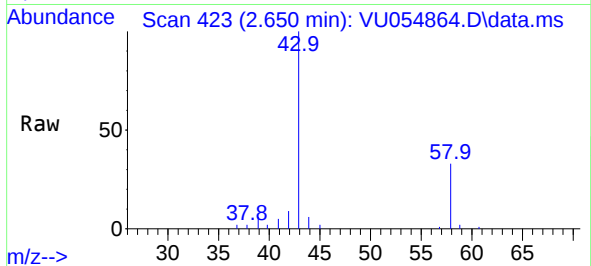
51 37.1 33.6 50.4





#13
Acetone
Concen: 48.778 ug/l
RT: 2.650 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

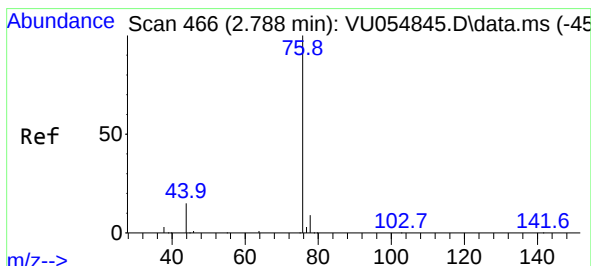
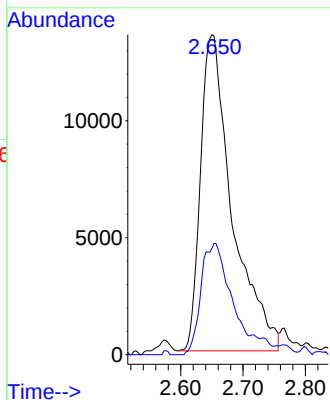
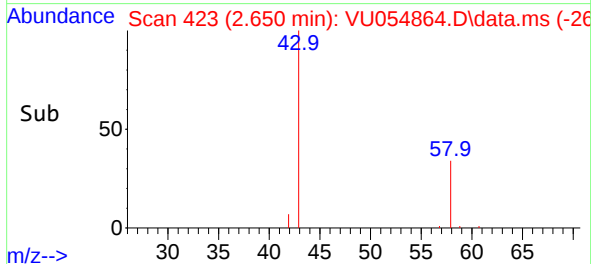
Instrument :
MSVOA_U
Client SampleId :
VSTDCCC010EC



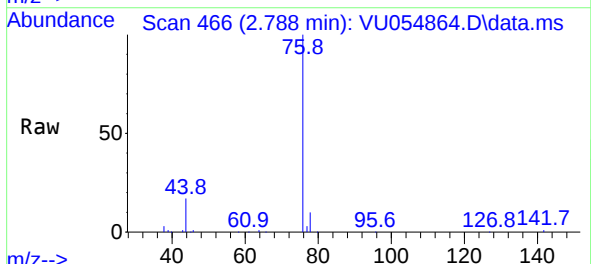
Tgt Ion: 43 Resp: 47650
Ion Ratio Lower Upper
43 100
58 33.6 30.7 46.1

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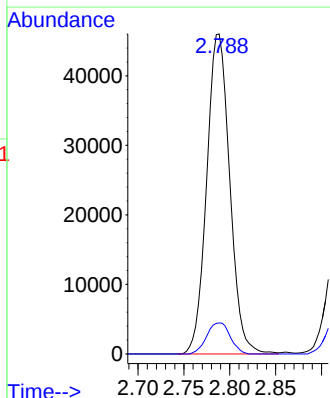
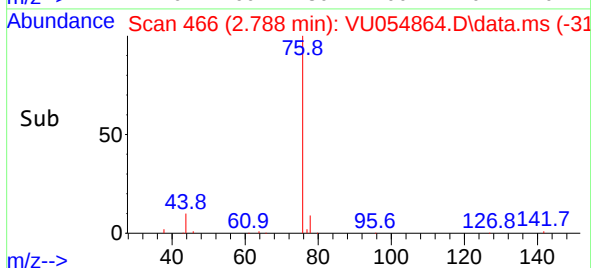
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

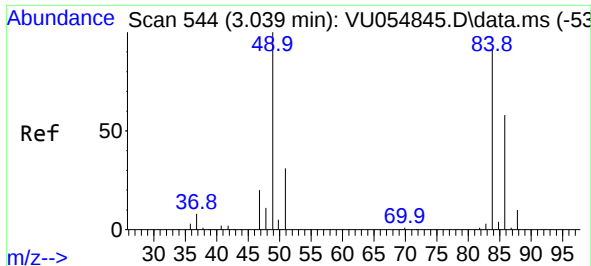


#14
Carbon Disulfide
Concen: 10.212 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 76 Resp: 80641
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7





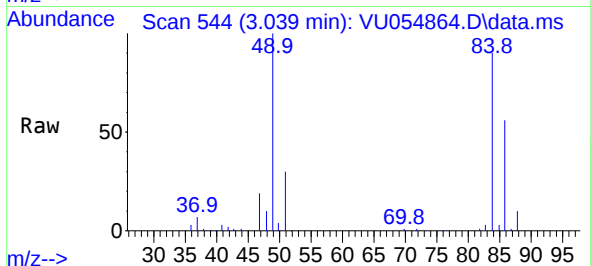
#15
Methylene Chloride
Concen: 10.273 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



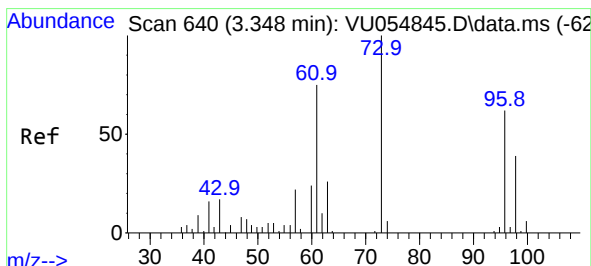
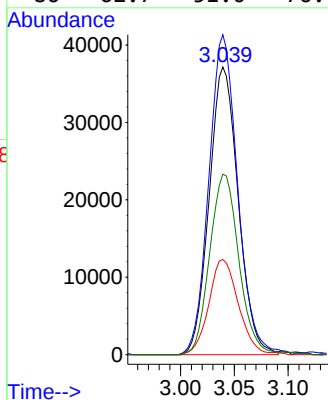
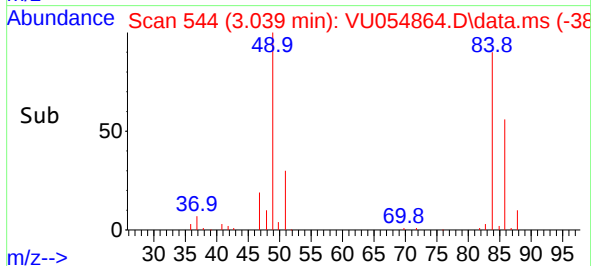
Tgt Ion: 84 Resp: 6986
Ion Ratio Lower Upper
84 100
49 111.2 87.8 131.6
51 33.1 0.0 68.2
86 62.7 51.0 76.4

Manual Integrations

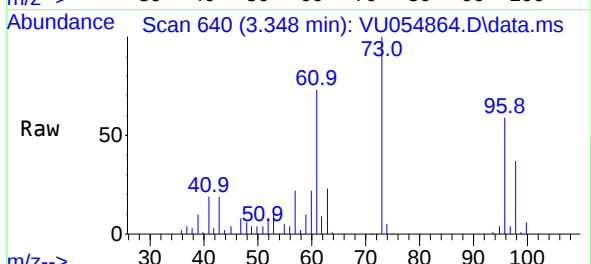
APPROVED

Reviewed By :John Carlone 07/25/2023

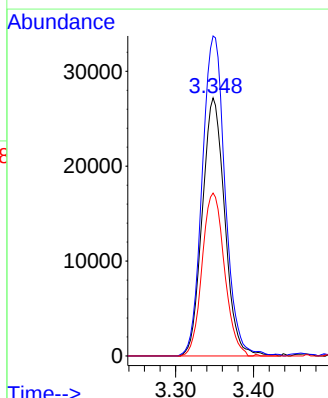
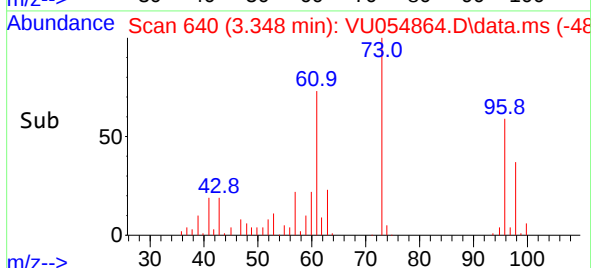
Supervised By :Mahesh Dadoda 07/31/2023

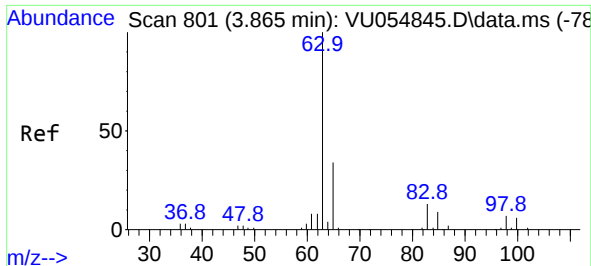


#16
trans-1,2-Dichloroethene
Concen: 10.463 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



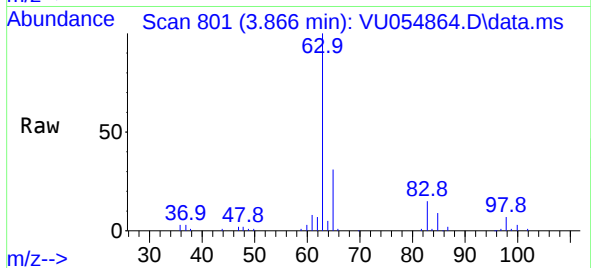
Tgt Ion: 96 Resp: 54459
Ion Ratio Lower Upper
96 100
61 124.0 96.4 144.6
98 63.1 49.3 73.9





#17
1,1-Dichloroethane
Concen: 10.402 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

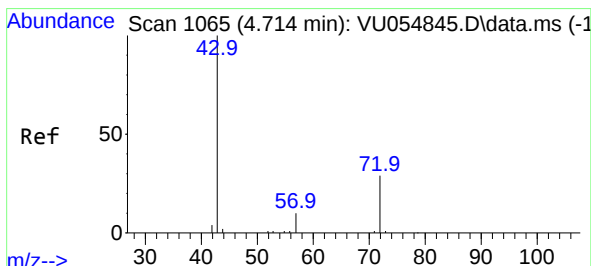
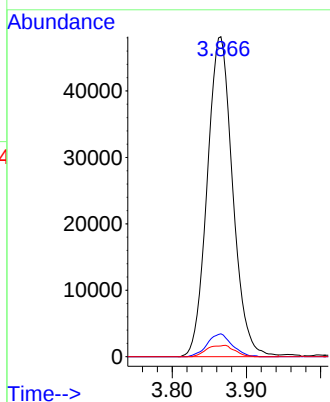
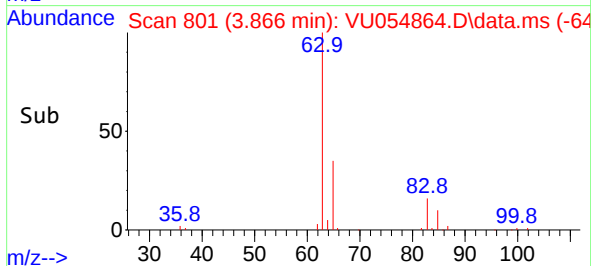
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 114569
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.8
100 3.4 2.8 8.4

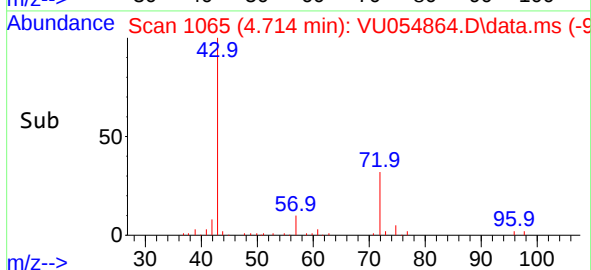
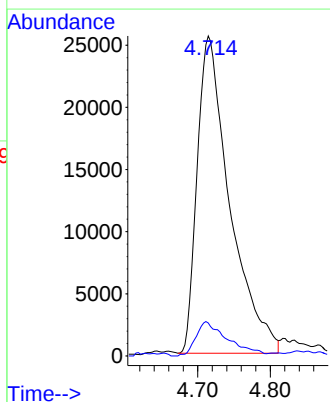
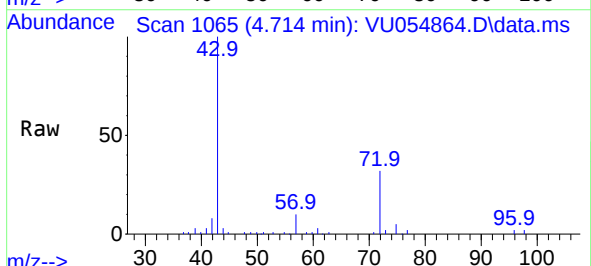
Manual Integrations
APPROVED

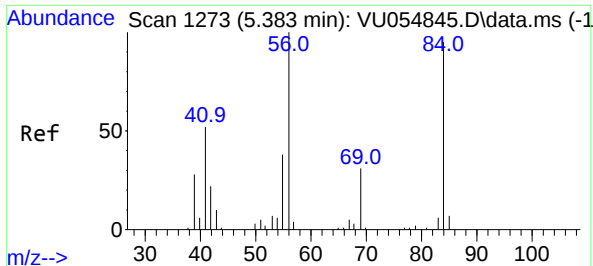
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 55.782 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

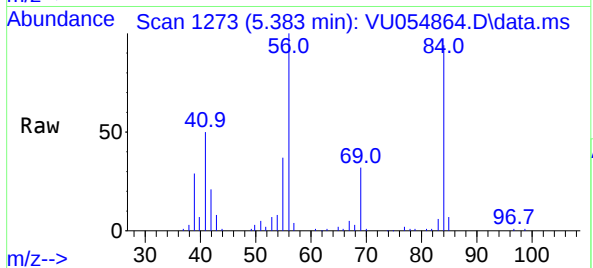
Tgt Ion: 43 Resp: 79724
Ion Ratio Lower Upper
43 100
57 10.4 0.0 20.8





#19
Cyclohexane
Concen: 10.354 ug/l
RT: 5.383 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

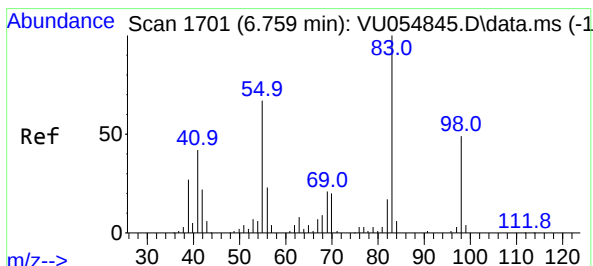
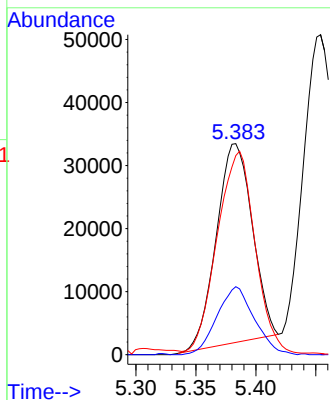
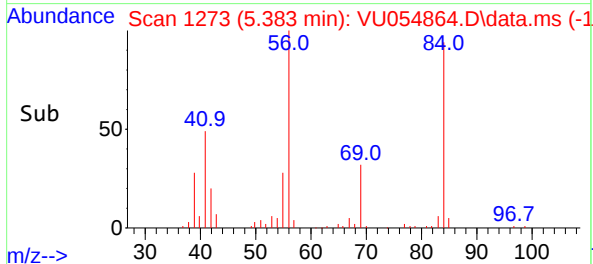
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



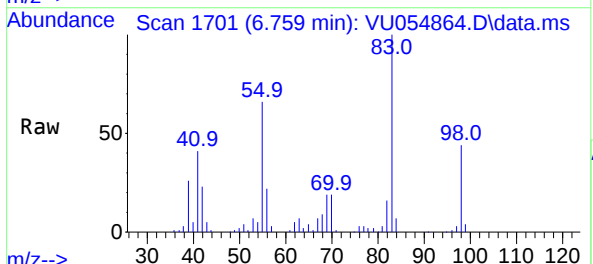
Tgt Ion: 56 Resp: 66028
Ion Ratio Lower Upper
56 100
69 35.3 24.7 37.1
84 105.0 76.5 114.7

Manual Integrations
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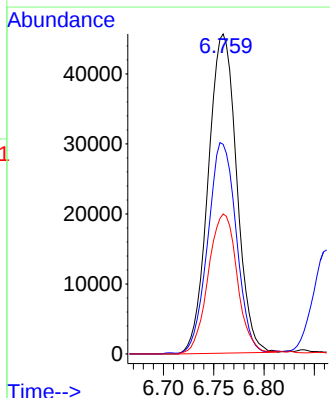
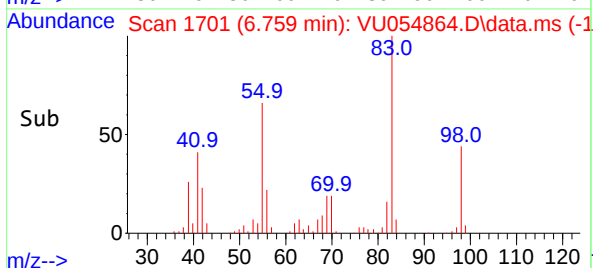
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

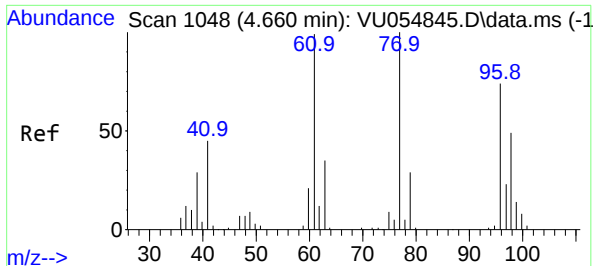


#20
Methylcyclohexane
Concen: 10.576 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 83 Resp: 89575
Ion Ratio Lower Upper
83 100
55 65.3 51.6 77.4
98 44.0 38.2 57.2





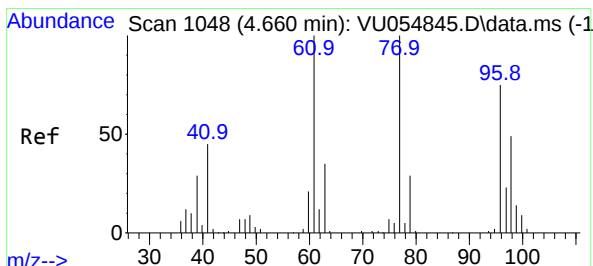
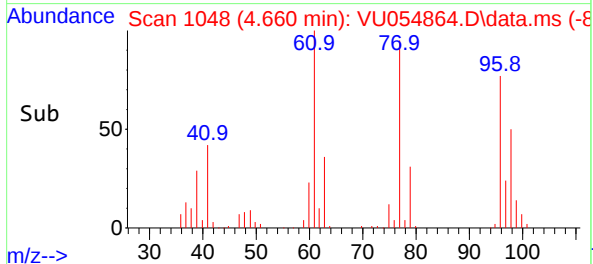
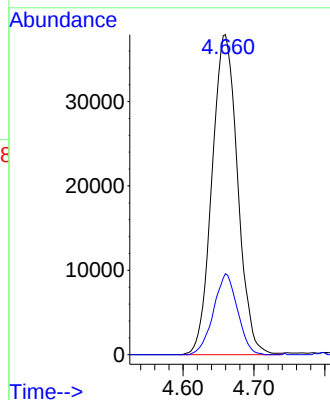
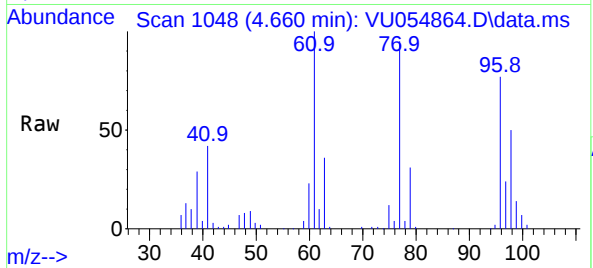
#21
2,2-Dichloropropane
Concen: 9.911 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 9521
Ion Ratio Lower Upper
77 100
97 23.7 18.0 27.0

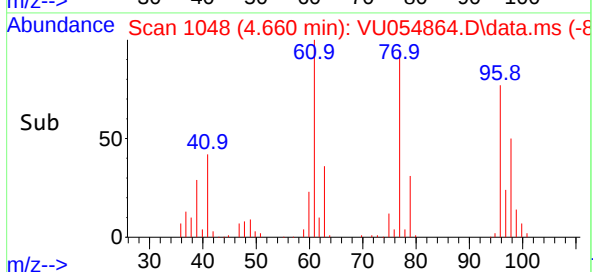
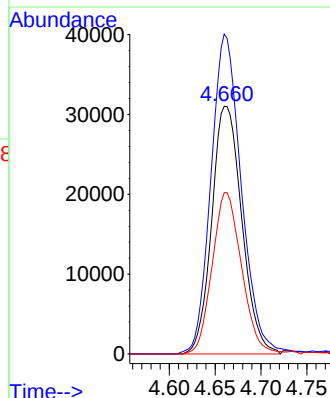
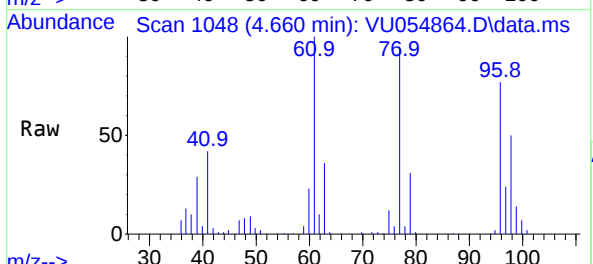
Manual Integrations
APPROVED

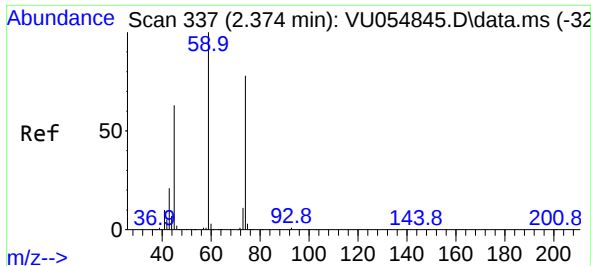
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 10.731 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

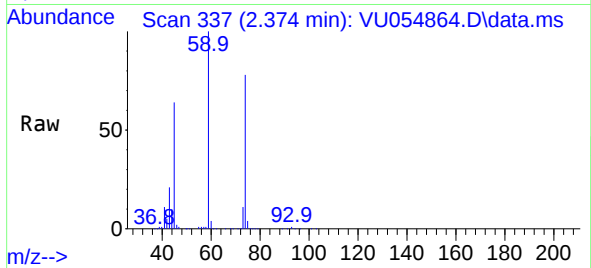
Tgt Ion: 96 Resp: 70725
Ion Ratio Lower Upper
96 100
61 130.6 0.0 332.0
98 63.6 32.5 97.5





#23
Diethyl Ether
Concen: 10.462 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

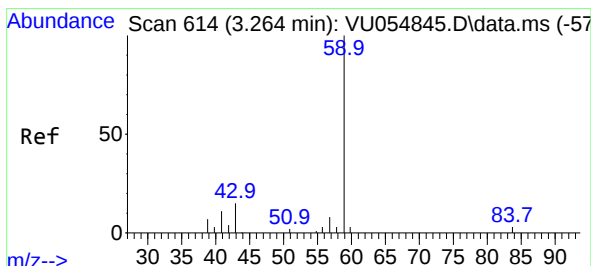
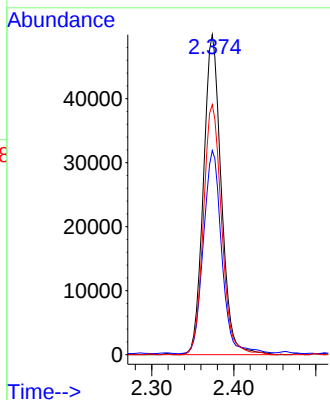
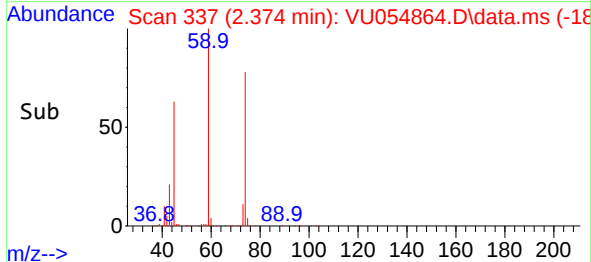
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 75295
Ion Ratio Lower Upper
59 100
45 65.2 51.4 77.0
74 80.2 63.1 94.7

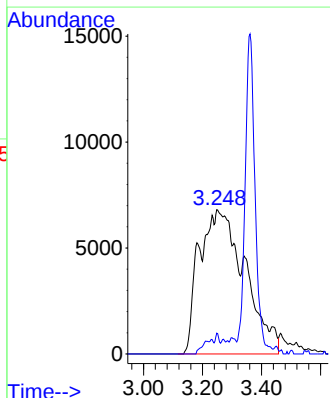
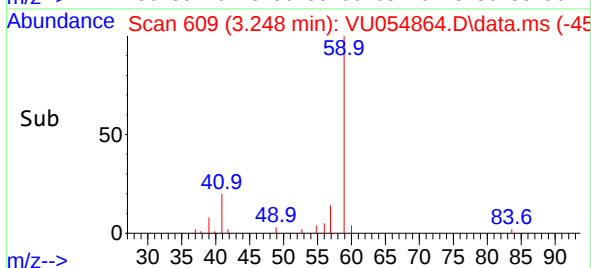
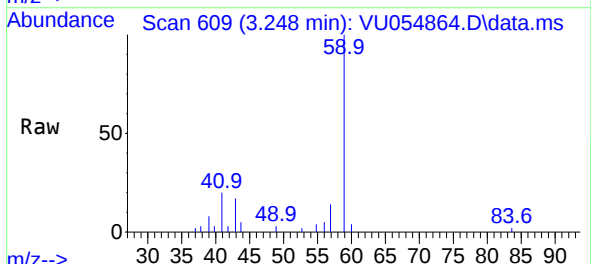
Manual Integrations
APPROVED

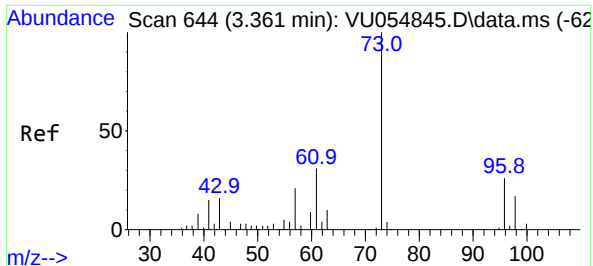
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 118.196 ug/l m
RT: 3.248 min Scan# 609
Delta R.T. -0.016 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 59 Resp: 73275
Ion Ratio Lower Upper
59 100
57 1.5 2.2 3.2#





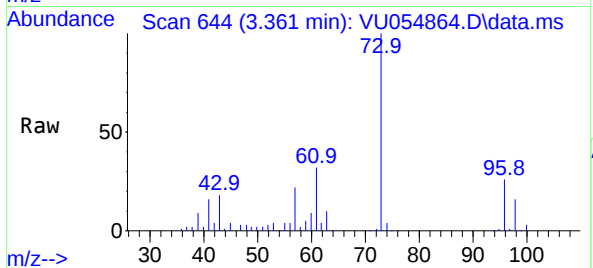
#25
Methyl tert-Butyl Ether
Concen: 11.106 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

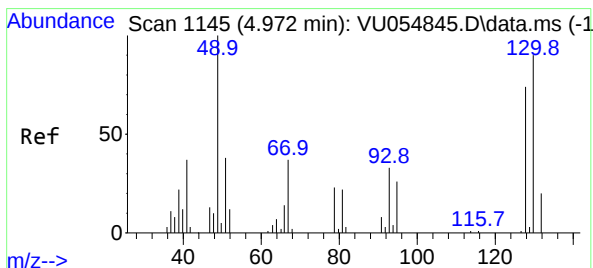
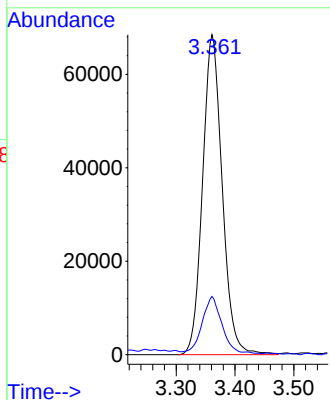
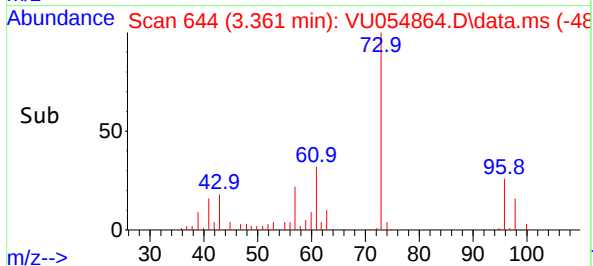


Tgt Ion: 73 Resp: 15873
Ion Ratio Lower Upper
73 100
43 16.5 14.6 22.0

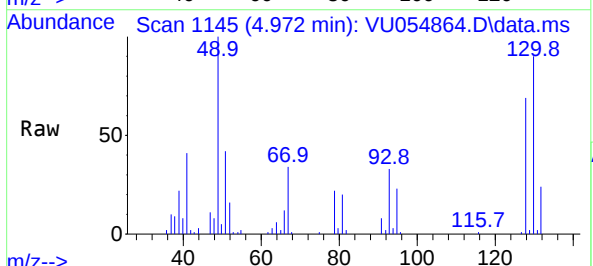
Manual Integrations

APPROVED

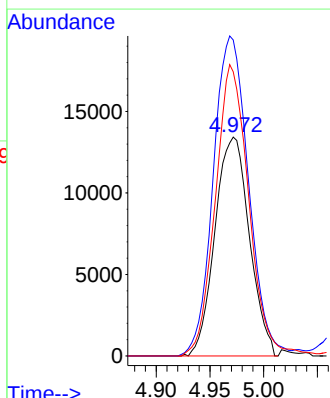
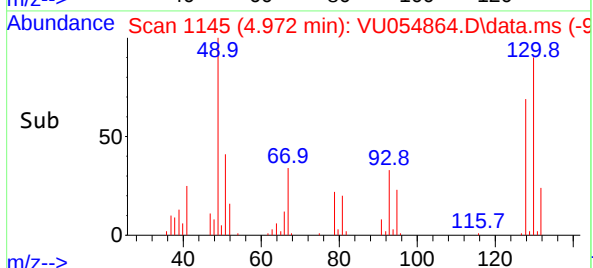
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

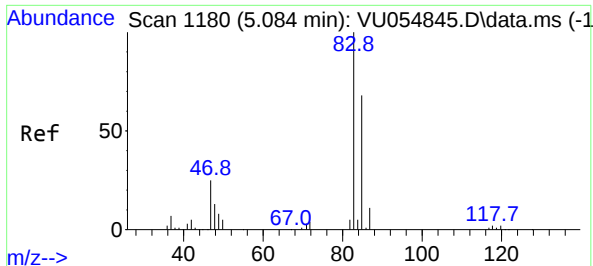


#26
Bromochloromethane
Concen: 11.899 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion:128 Resp: 29890
Ion Ratio Lower Upper
128 100
49 149.6 0.0 304.0
130 129.5 104.3 156.5





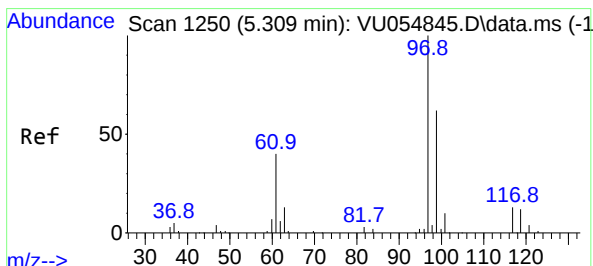
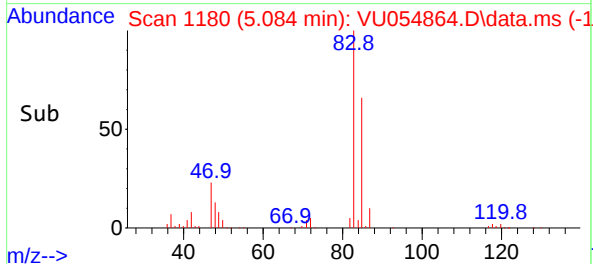
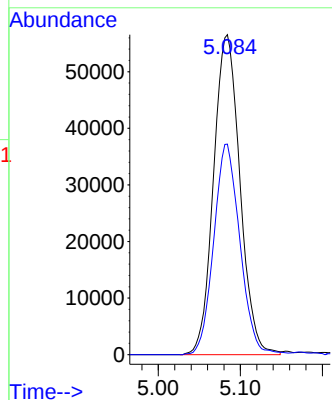
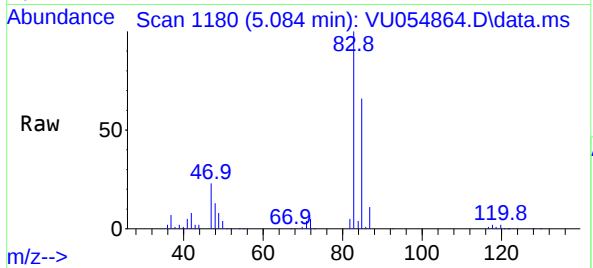
#27
Chloroform
Concen: 10.479 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 126830
Ion Ratio Lower Upper
83 100
85 65.8 0.0 135.2

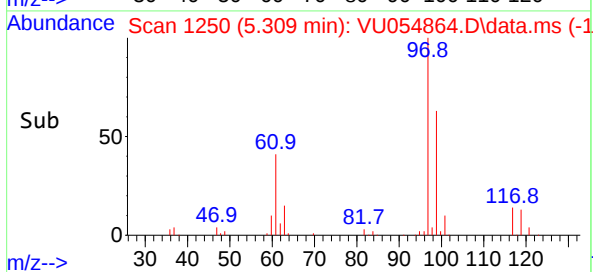
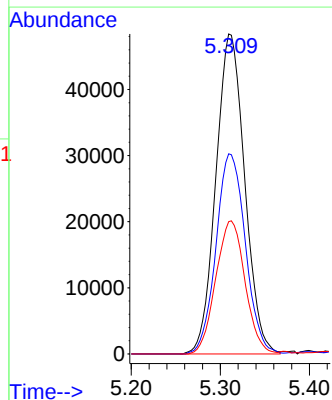
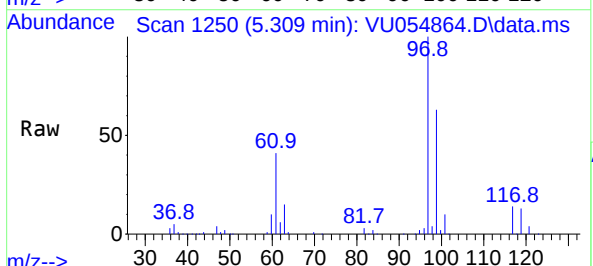
Manual Integrations
APPROVED

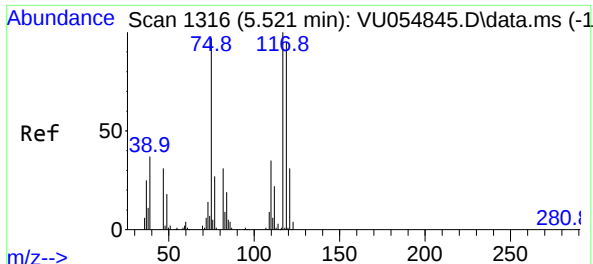
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#28
1,1,1-Trichloroethane
Concen: 10.699 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 97 Resp: 108826
Ion Ratio Lower Upper
97 100
99 63.7 32.0 96.2
61 42.3 21.0 63.0





#29
1,1-Dichloropropene
Concen: 11.041 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

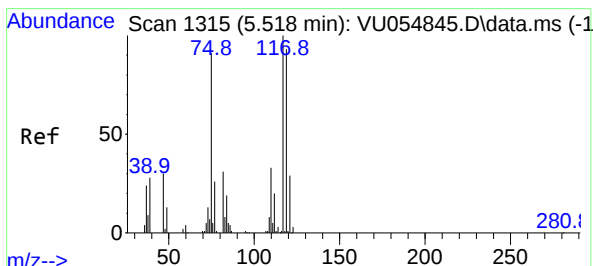
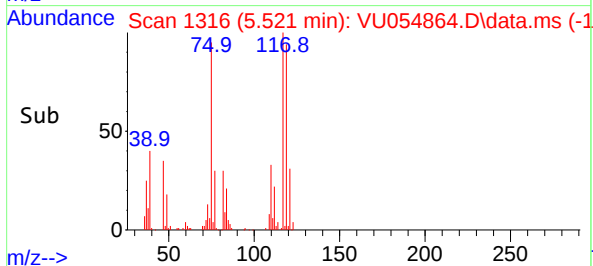
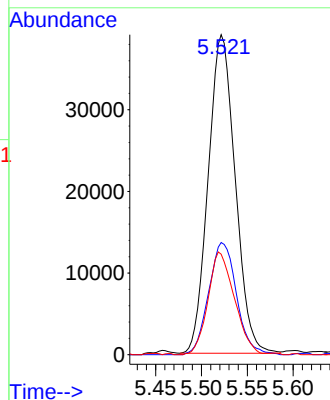
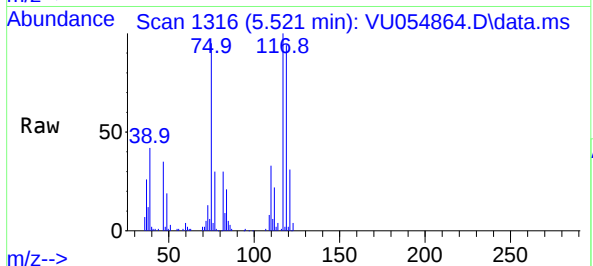
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 7987

Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.5	55.5
77	31.6	24.9	37.3

Manual Integrations
APPROVED

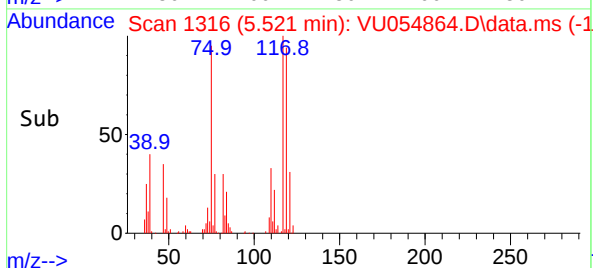
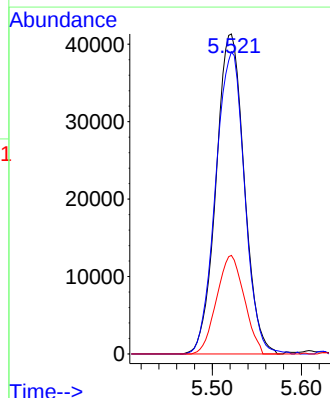
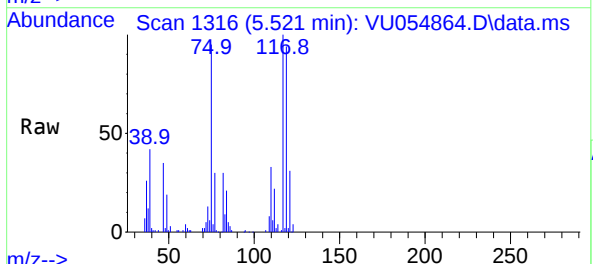
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

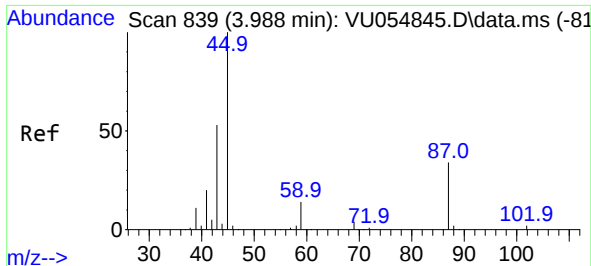


#30
Carbon Tetrachloride
Concen: 10.722 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion:117 Resp: 90643

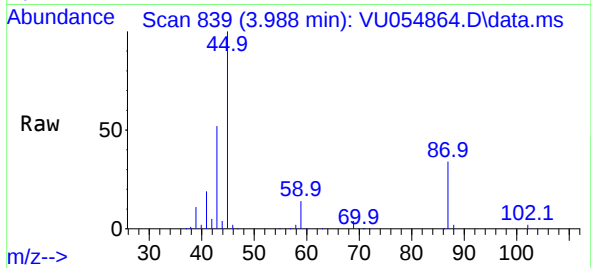
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.6	113.4
121	30.8	23.4	35.0





#31
Isopropyl Ether
Concen: 10.679 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

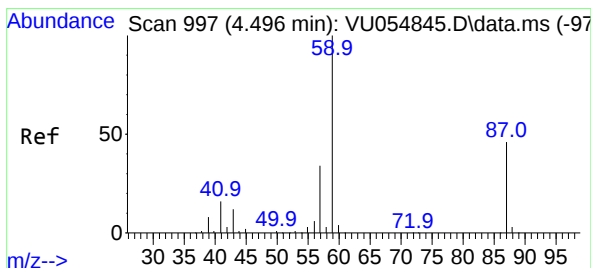
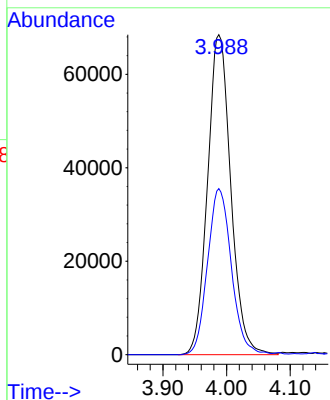
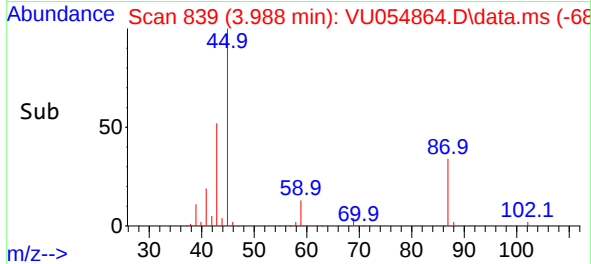
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



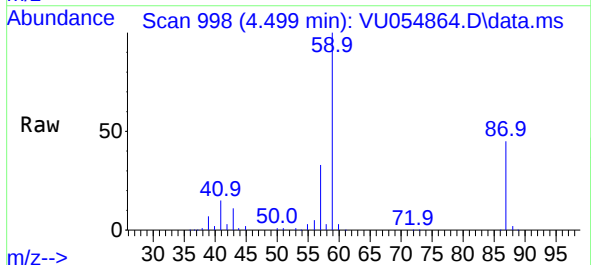
Tgt Ion: 45 Resp: 174069
Ion Ratio Lower Upper
45 100
43 53.2 26.4 79.2

Manual Integrations
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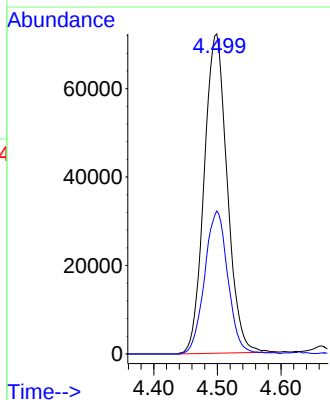
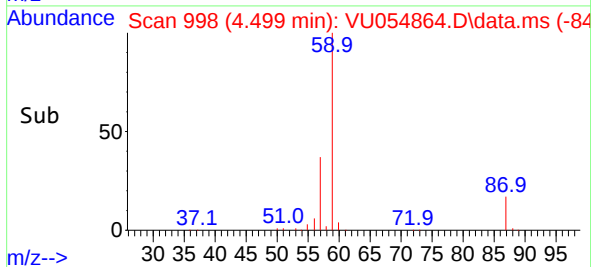
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

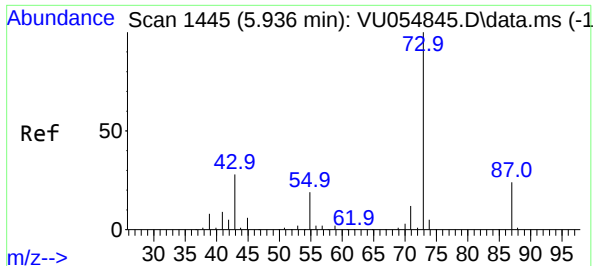


#32
Ethyl-t-butyl ether
Concen: 10.863 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 59 Resp: 181958
Ion Ratio Lower Upper
59 100
87 44.7 35.7 53.5





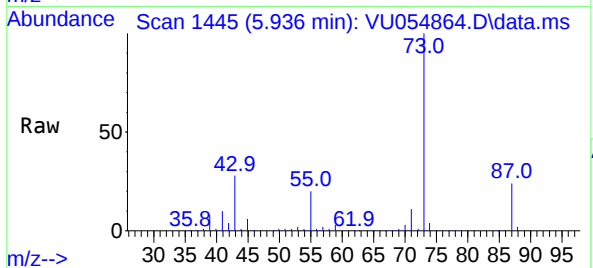
#33
Tert-Amyl methyl ether
Concen: 11.178 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



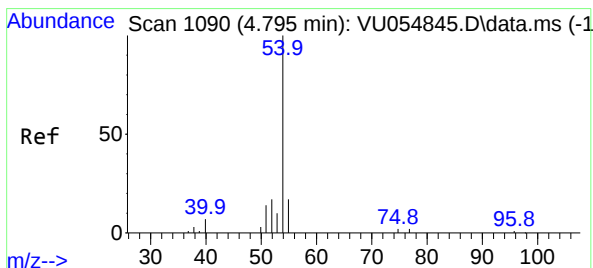
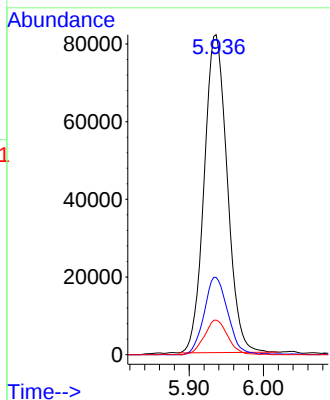
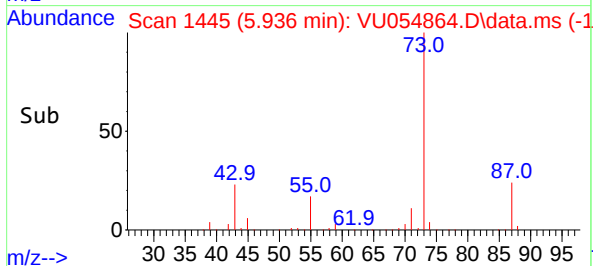
Tgt Ion: 73 Resp: 176200
Ion Ratio Lower Upper
73 100
87 24.6 19.6 29.4
71 10.9 9.1 13.7

Manual Integrations

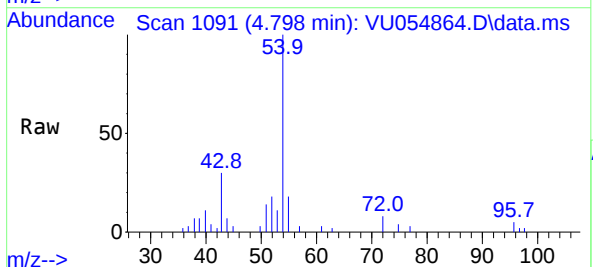
APPROVED

Reviewed By :John Carlone 07/25/2023

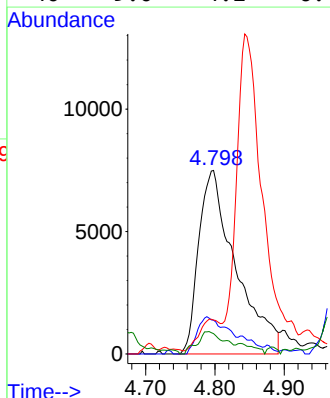
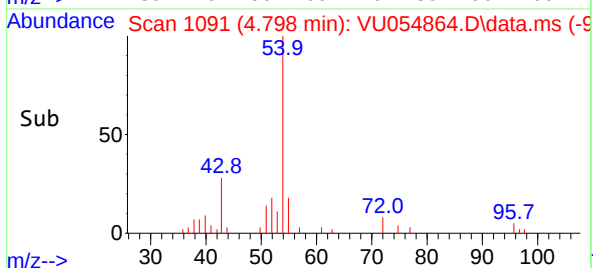
Supervised By :Mahesh Dadoda 07/31/2023

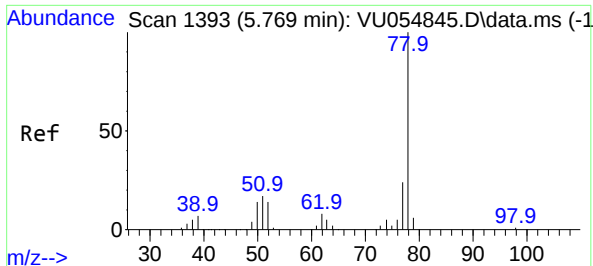


#34
Propionitrile
Concen: 65.129 ug/l
RT: 4.798 min Scan# 1091
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 54 Resp: 27845
Ion Ratio Lower Upper
54 100
52 16.2 13.8 20.8
55 9.2 4.8 7.2#
40 9.0 4.2 6.4#





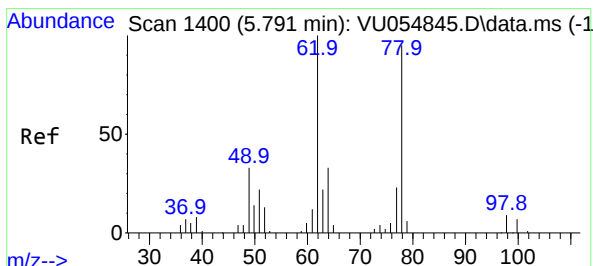
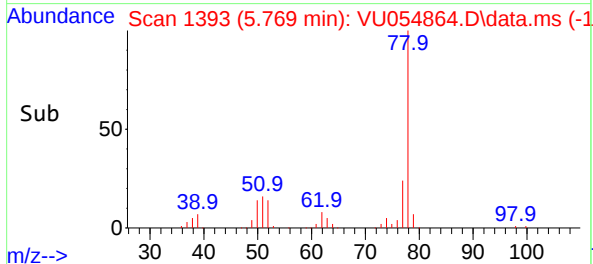
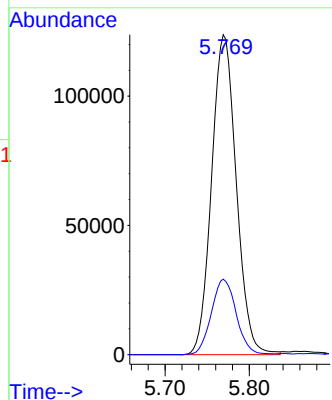
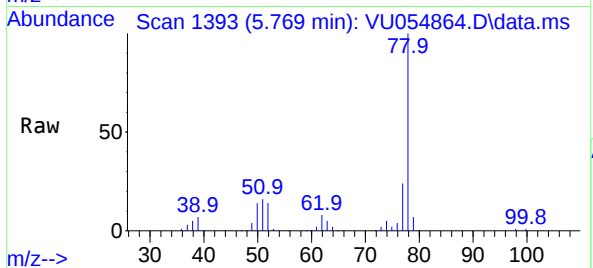
#35
Benzene
Concen: 10.711 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 251810
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2

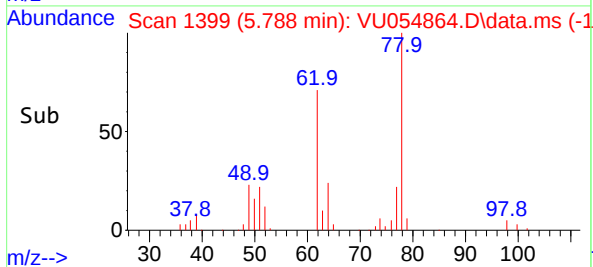
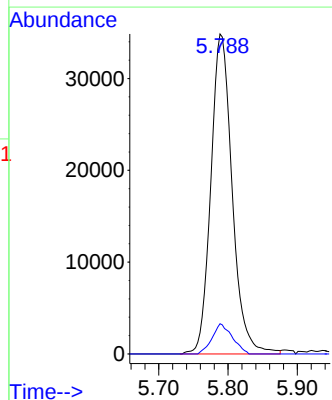
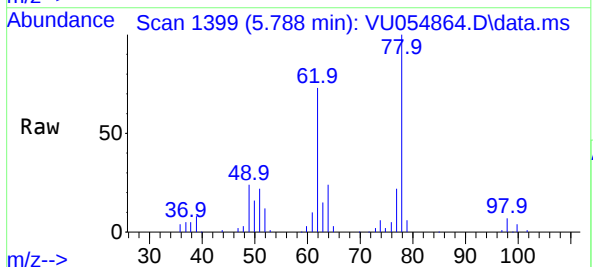
Manual Integrations
APPROVED

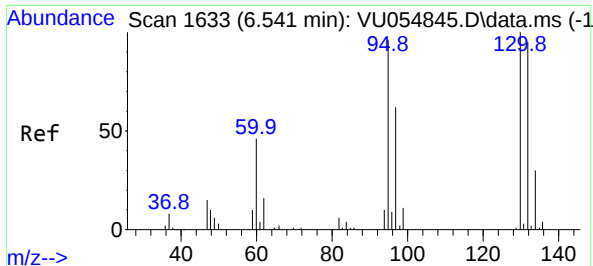
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 11.046 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

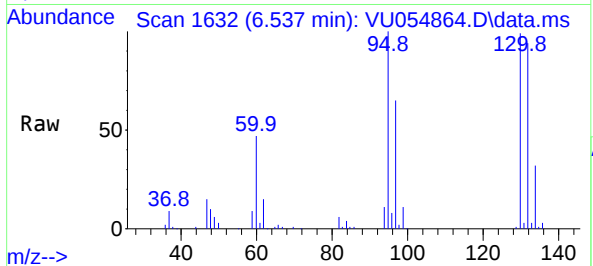
Tgt Ion: 62 Resp: 74606
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.8





#37
Trichloroethene
Concen: 10.882 ug/l
RT: 6.537 min Scan# 1710
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

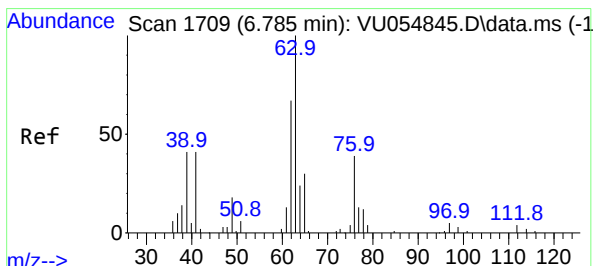
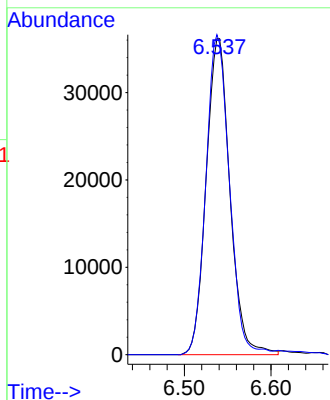
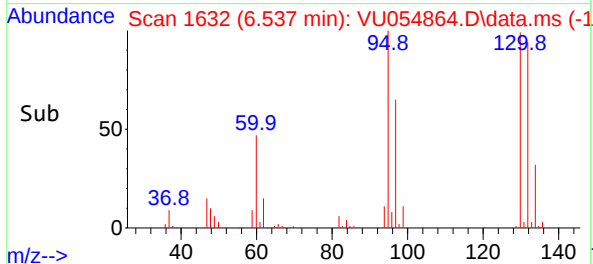
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



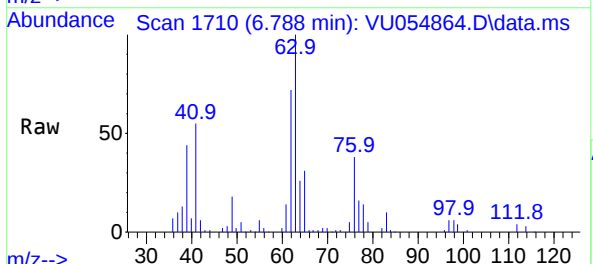
Tgt Ion:130 Resp: 6914
Ion Ratio Lower Upper
130 100
95 101.3 76.8 115.2

Manual Integrations
APPROVED

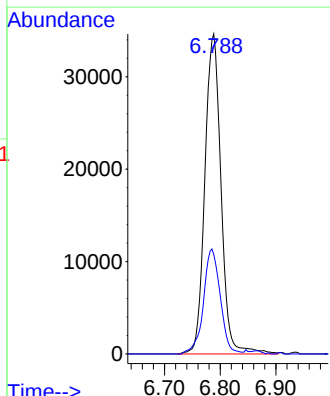
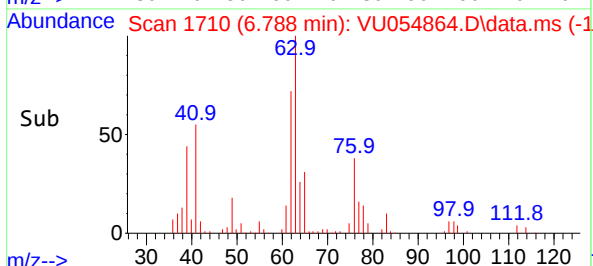
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

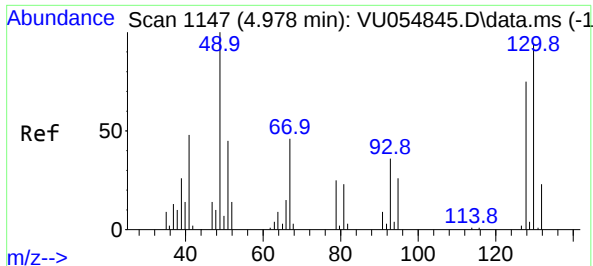


#38
1,2-Dichloropropane
Concen: 10.321 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



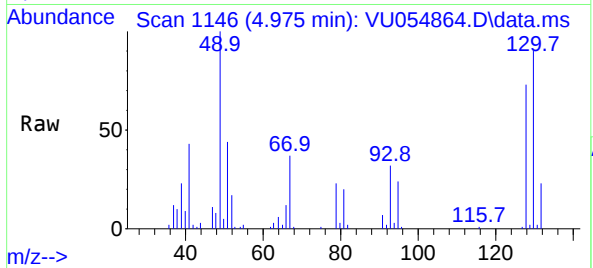
Tgt Ion: 63 Resp: 70044
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5





#39
Methacrylonitrile
Concen: 11.966 ug/l
RT: 4.975 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

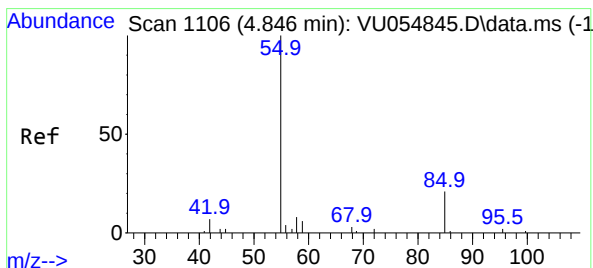
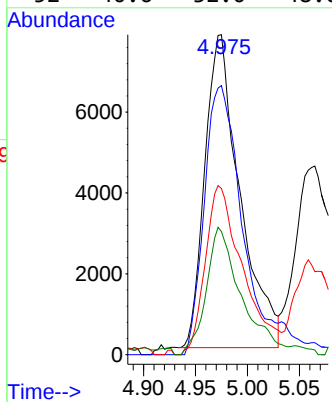
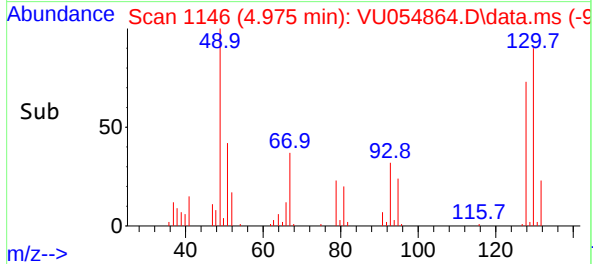
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



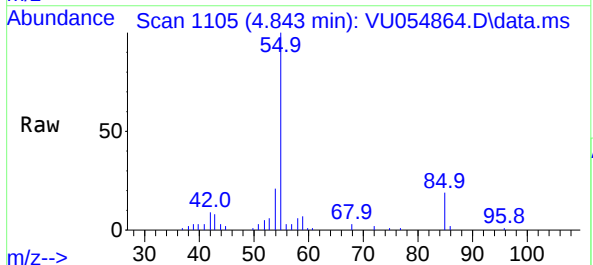
Tgt Ion: 41 Resp: 1821
Ion Ratio Lower Upper
41 100
67 96.2 77.0 115.4
39 58.1 50.4 75.6
52 40.6 32.0 48.0

Manual Integrations
APPROVED

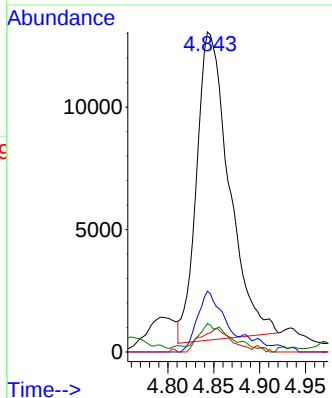
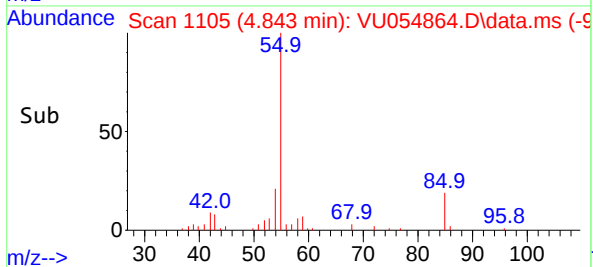
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

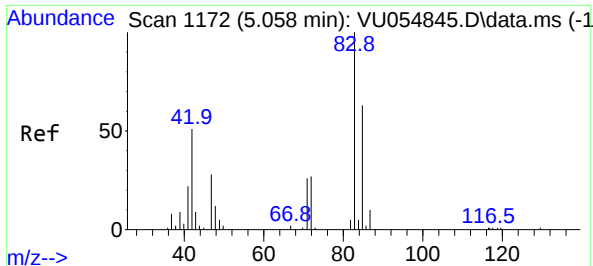


#40
Methyl acrylate
Concen: 11.915 ug/l
RT: 4.843 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 55 Resp: 30946
Ion Ratio Lower Upper
55 100
85 16.2 13.0 19.6
58 7.1 5.7 8.5
42 6.9 4.6 7.0





#41
Tetrahydrofuran
Concen: 23.277 ug/l
RT: 5.065 min Scan# 1172
Delta R.T. 0.007 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

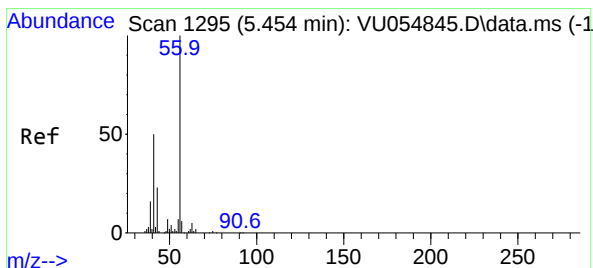
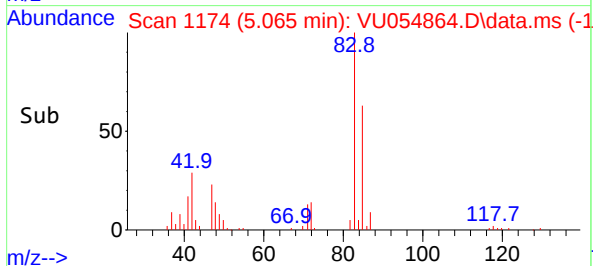
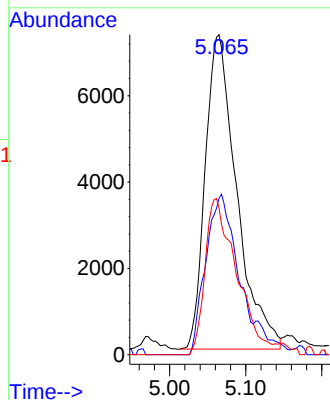
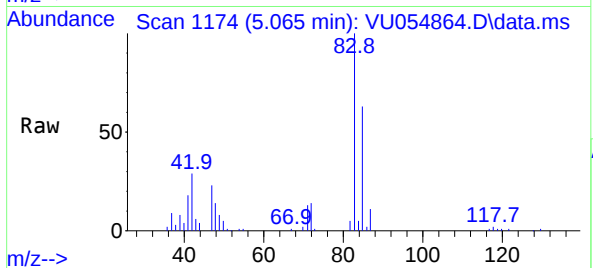
Tgt Ion: 42 Resp: 2093
Ion Ratio Lower Upper
42 100
72 50.4 42.1 63.1
71 49.8 39.7 59.5

Manual Integrations

APPROVED

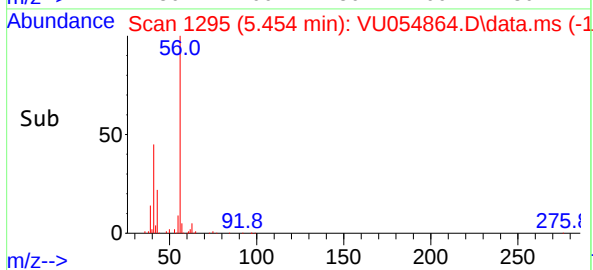
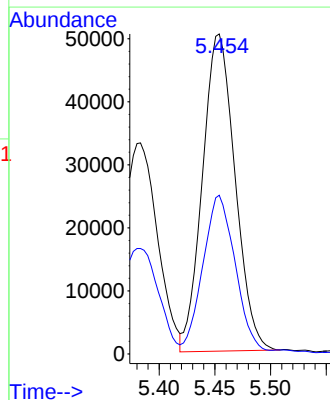
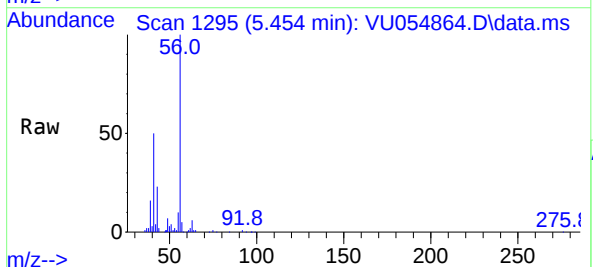
Reviewed By :John Carlone 07/25/2023

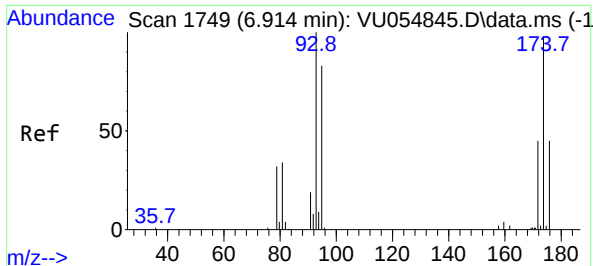
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 10.459 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

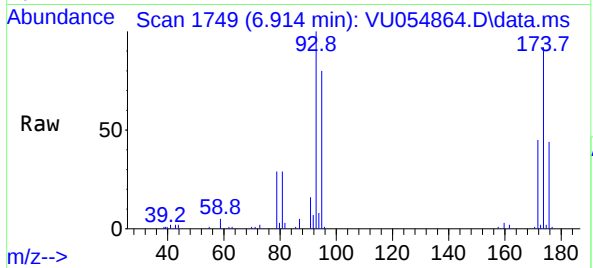
Tgt Ion: 56 Resp: 102365
Ion Ratio Lower Upper
56 100
41 48.2 23.9 71.7





#43
Dibromomethane
Concen: 11.304 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

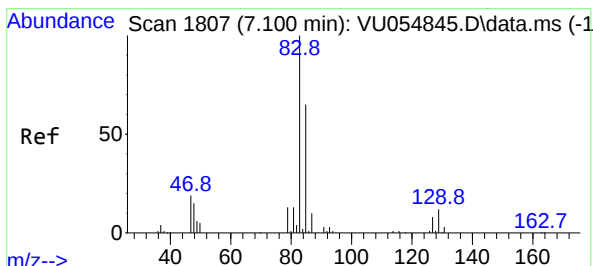
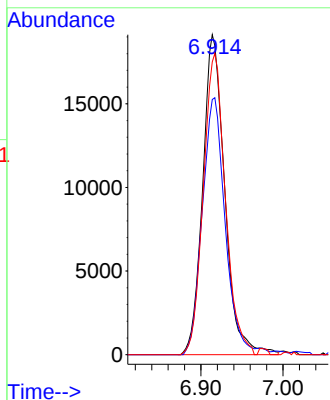
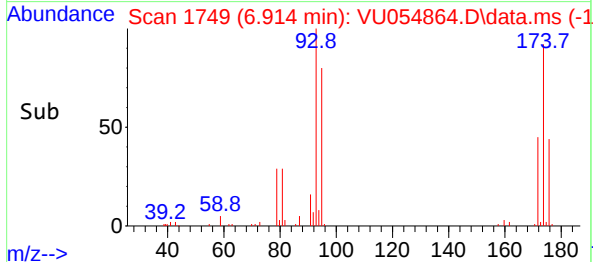
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



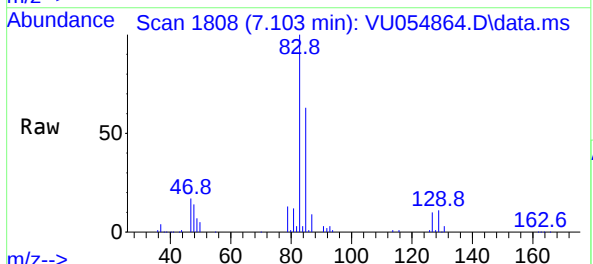
Tgt Ion: 93 Resp: 35689
Ion Ratio Lower Upper
93 100
95 83.0 64.7 97.1
174 94.2 74.4 111.6

Manual Integrations
APPROVED

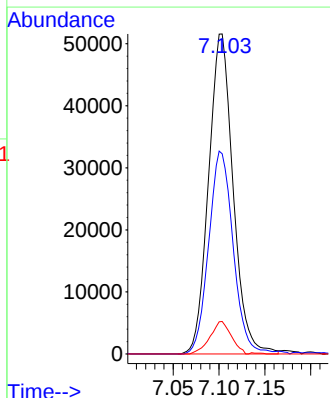
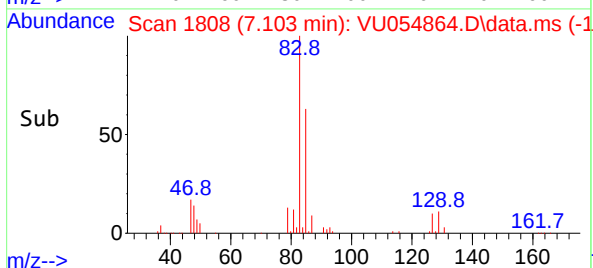
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

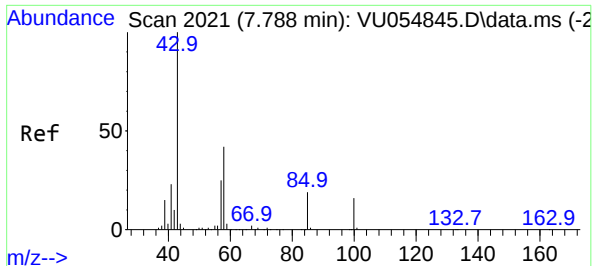


#44
Bromodichloromethane
Concen: 11.086 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 83 Resp: 95892
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.2
127 10.1 6.1 9.1#





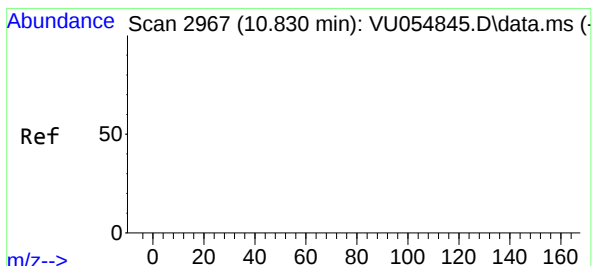
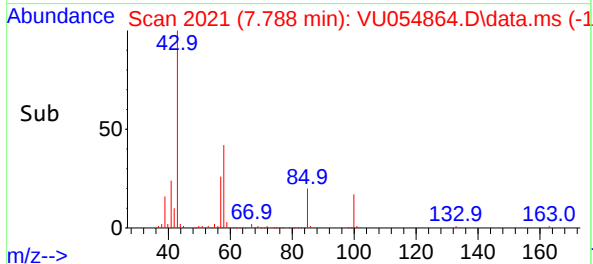
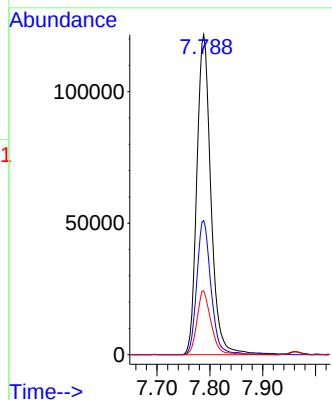
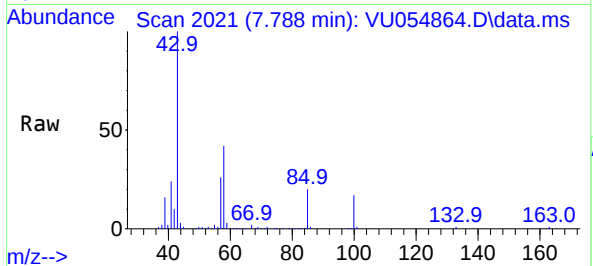
#45
4-Methyl-2-Pentanone
Concen: 60.352 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 225500
Ion Ratio Lower Upper
43 100
58 42.0 21.3 63.7
85 19.8 15.3 22.9

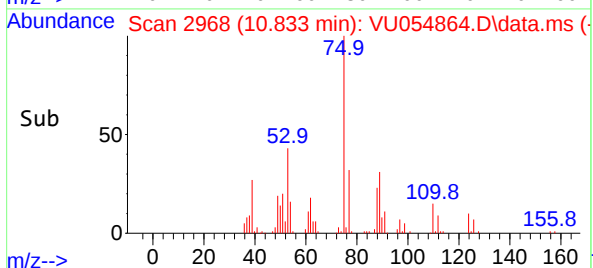
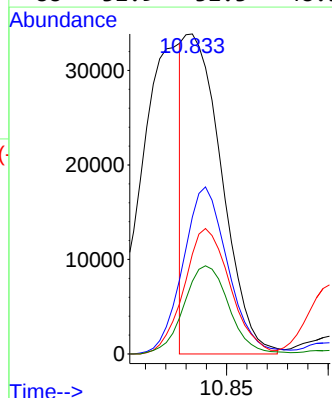
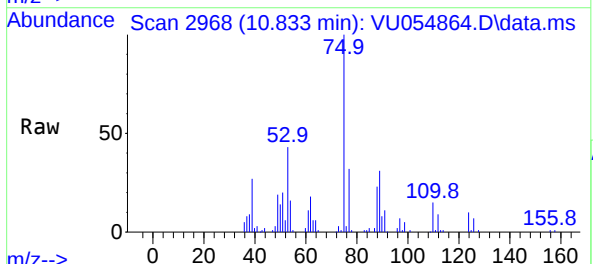
Manual Integrations
APPROVED

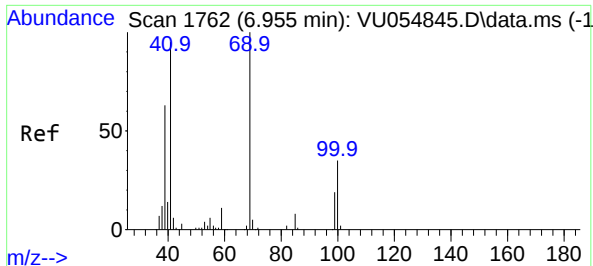
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 28.002 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 75 Resp: 43804
Ion Ratio Lower Upper
75 100
53 62.3 62.9 94.3#
89 47.9 47.8 71.8
88 32.9 32.3 48.5





#47
Methyl methacrylate
Concen: 23.670 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

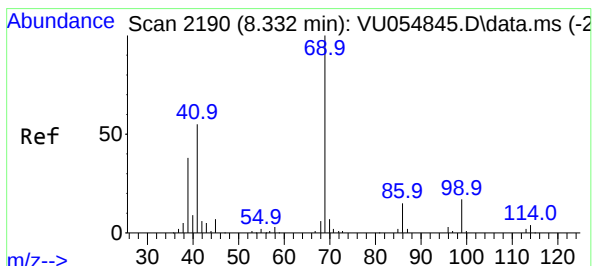
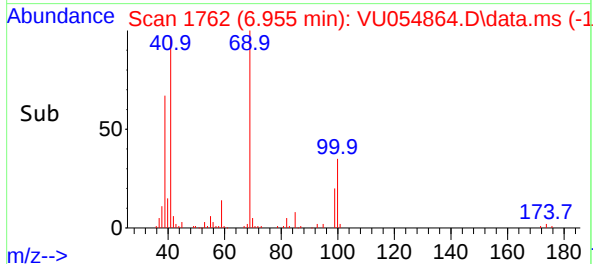
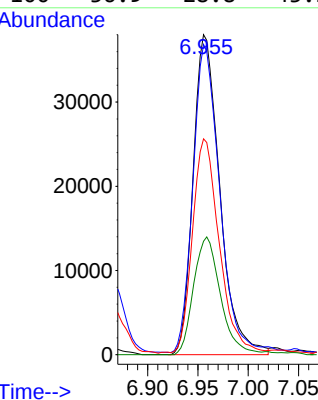
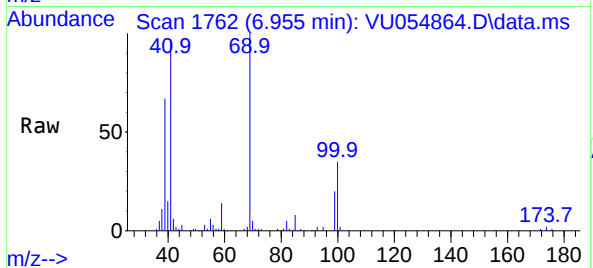
VSTDCCC010EC

Tgt Ion: 69 Resp: 7020
Ion Ratio Lower Upper
69 100
41 95.5 0.0 193.0
39 67.0 50.4 75.6
100 36.9 28.8 43.2

Manual Integrations

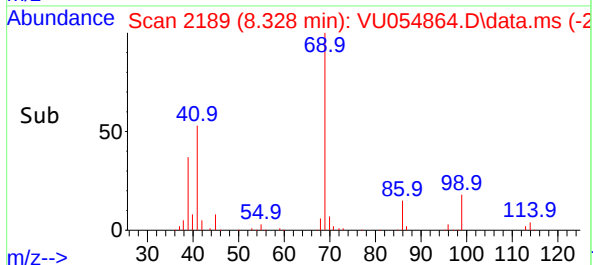
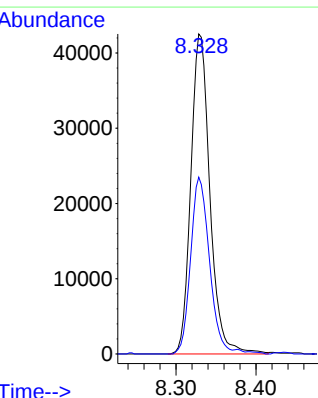
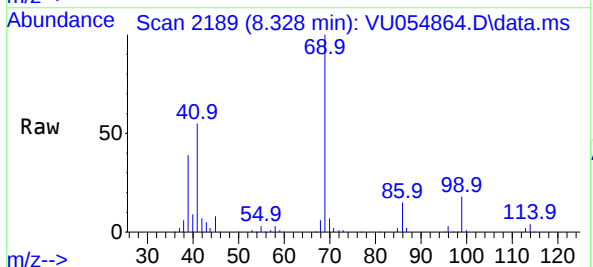
APPROVED

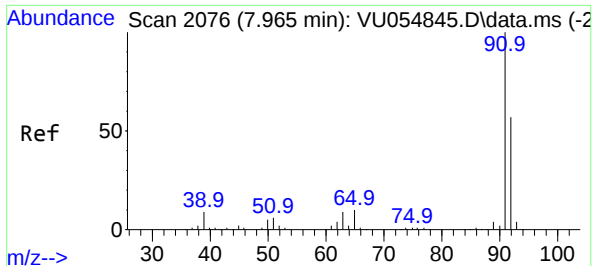
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Ethyl methacrylate
Concen: 11.725 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

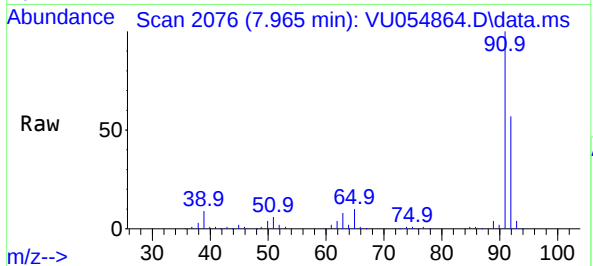
Tgt Ion: 69 Resp: 70647
Ion Ratio Lower Upper
69 100
41 54.2 28.8 86.5





#49
Toluene
Concen: 10.958 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

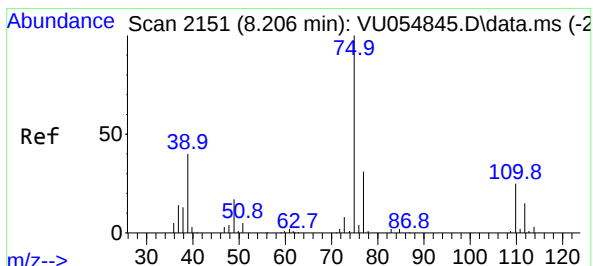
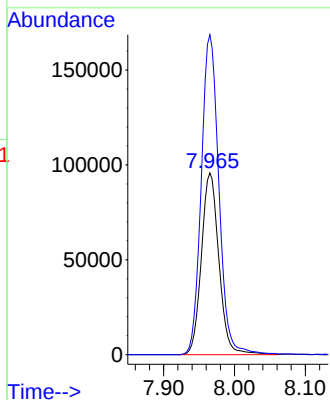
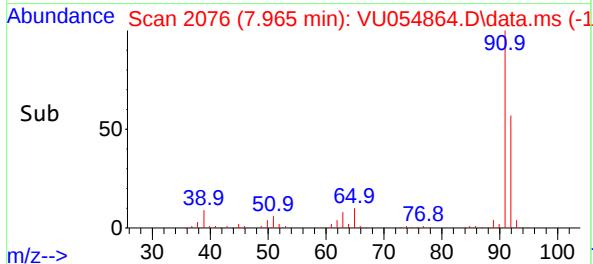
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



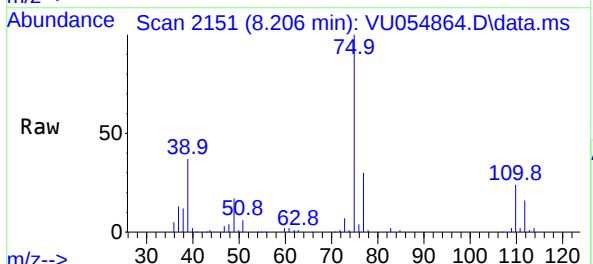
Tgt Ion: 92 Resp: 164394
Ion Ratio Lower Upper
92 100
91 177.7 142.9 214.3

Manual Integrations
APPROVED

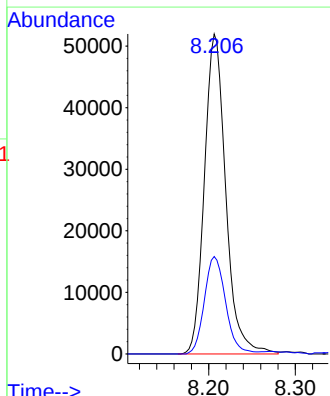
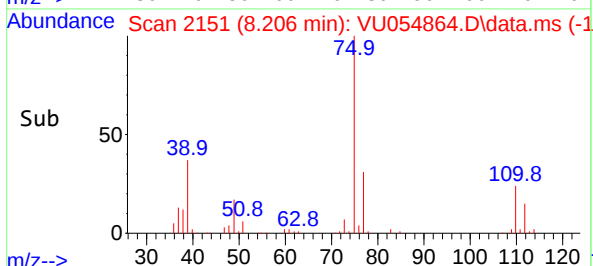
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

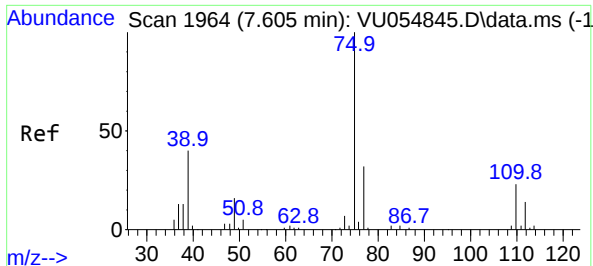


#50
t-1,3-Dichloropropene
Concen: 11.602 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion: 75 Resp: 88957
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3





#51
cis-1,3-Dichloropropene
Concen: 11.097 ug/l
RT: 7.602 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

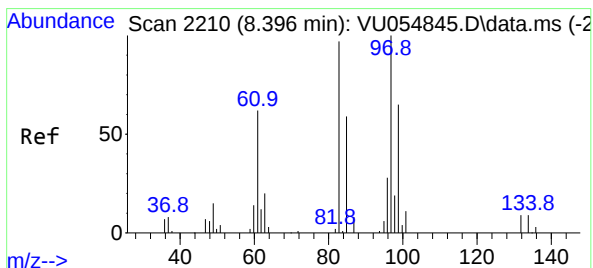
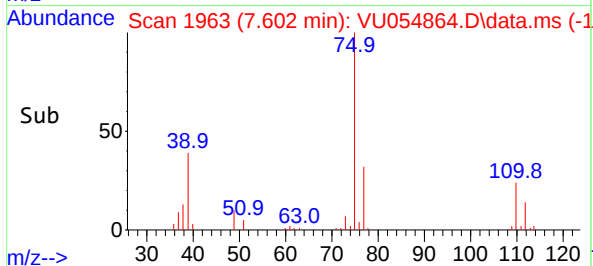
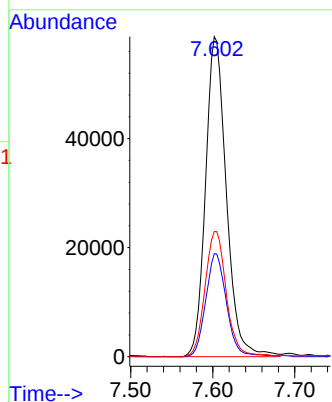
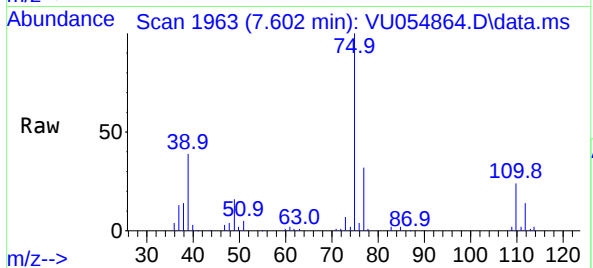
VSTDCCC010EC

Tgt Ion: 75 Resp: 103454
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
39 39.1 31.7 47.5

Manual Integrations

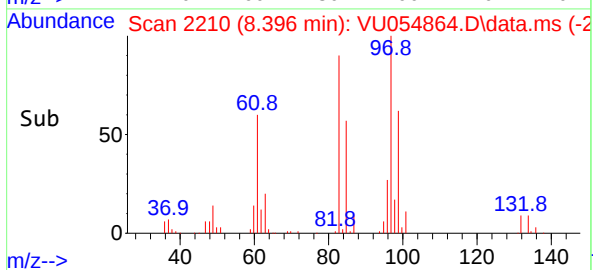
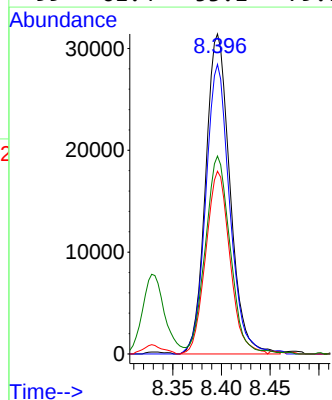
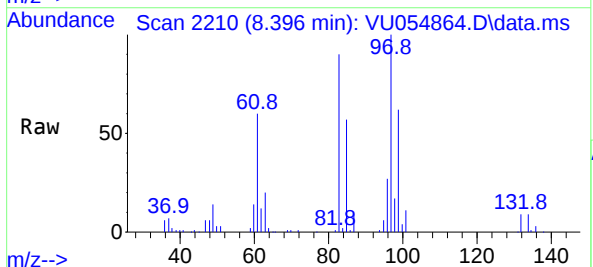
APPROVED

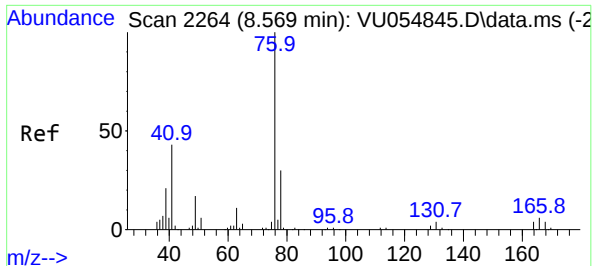
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
1,1,2-Trichloroethane
Concen: 11.447 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 97 Resp: 54528
Ion Ratio Lower Upper
97 100
83 90.5 77.4 116.2
85 57.1 47.8 71.8
99 61.4 53.1 79.7





#53

1,3-Dichloropropane

Concen: 11.256 ug/l

RT: 8.573 min Scan# 2265

Delta R.T. 0.003 min

Lab File: VU054864.D

Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 9036

Ion Ratio Lower Upper

76 100

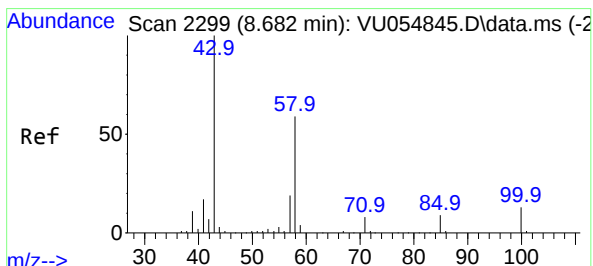
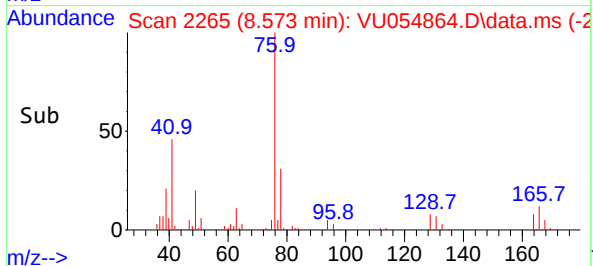
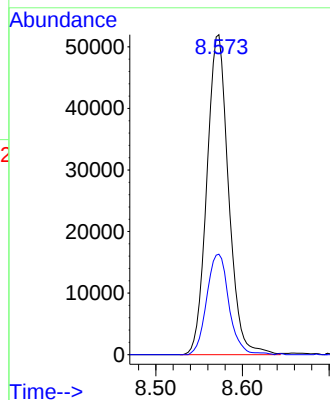
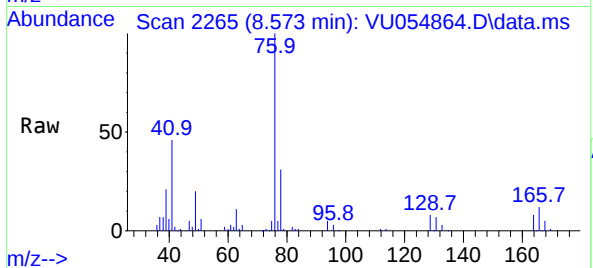
78 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 59.384 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054864.D

Acq: 24 Jul 2023 18:43

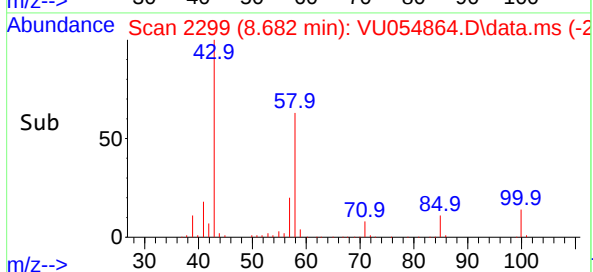
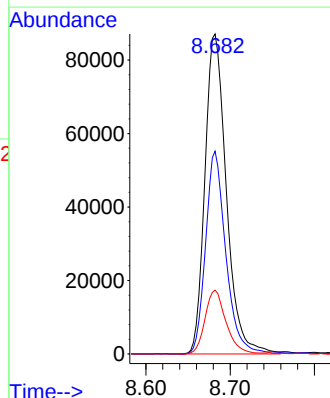
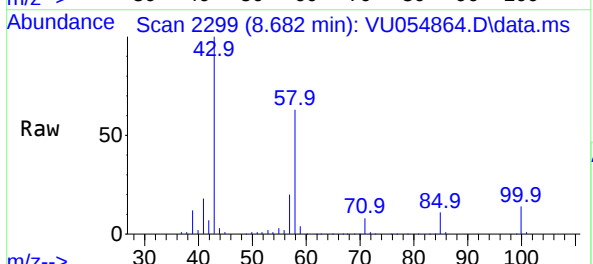
Tgt Ion: 43 Resp: 154694

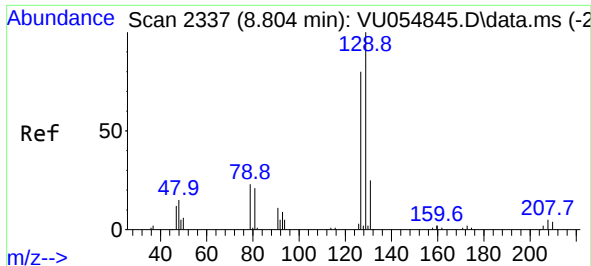
Ion Ratio Lower Upper

43 100

58 60.0 38.9 78.9

57 19.5 0.0 38.7





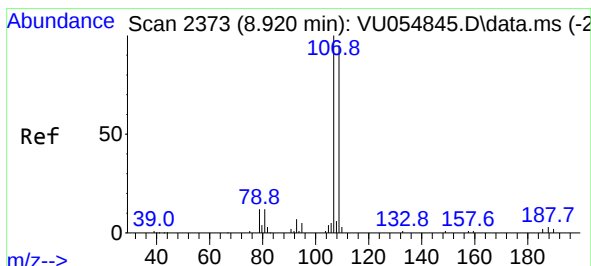
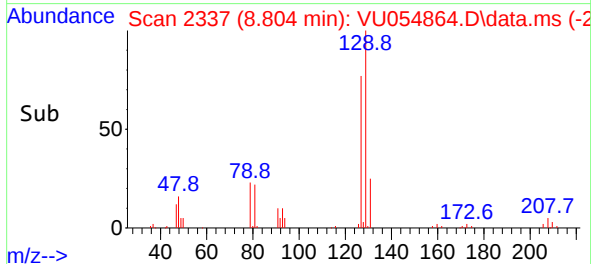
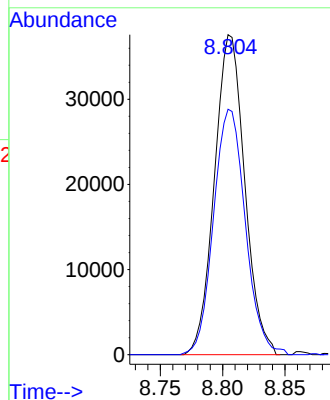
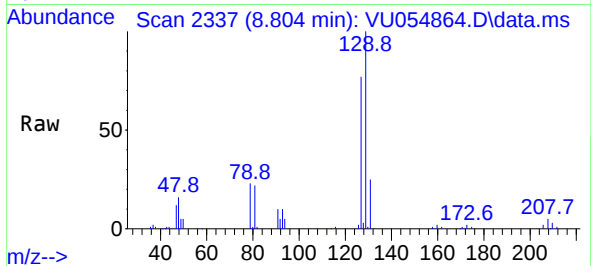
#55
Dibromochloromethane
Concen: 11.192 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 6370
Ion Ratio Lower Upper
129 100
127 80.3 61.4 92.0

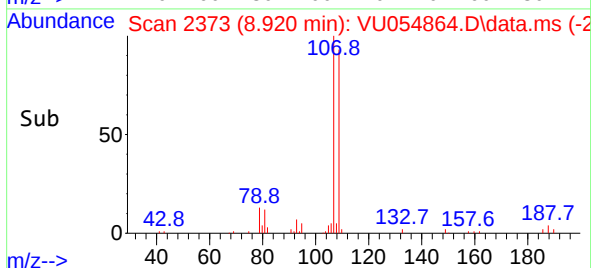
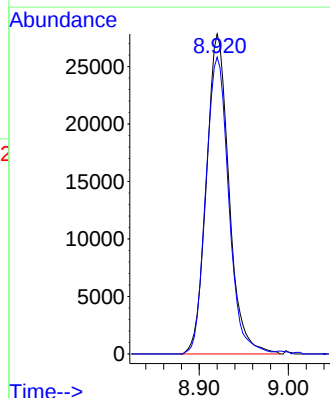
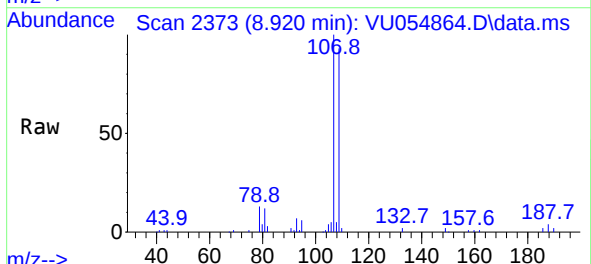
Manual Integrations
APPROVED

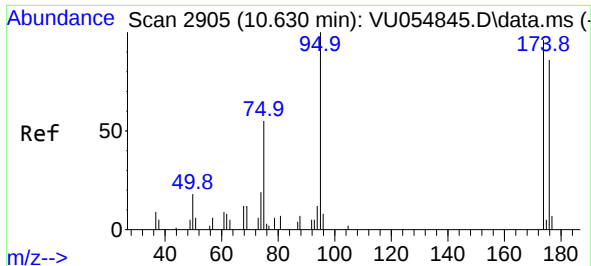
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 11.783 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

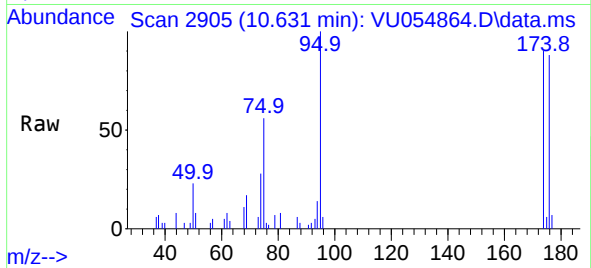
Tgt Ion:107 Resp: 49093
Ion Ratio Lower Upper
107 100
109 93.9 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.980 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

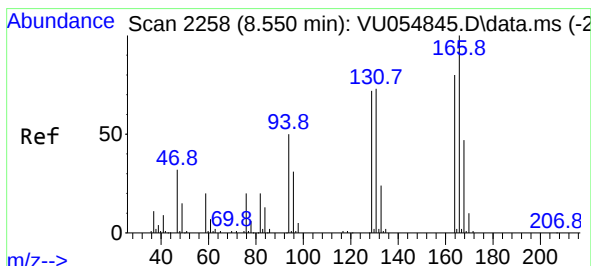
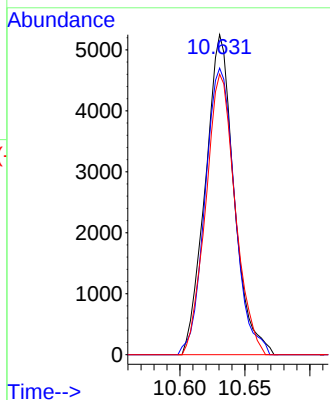
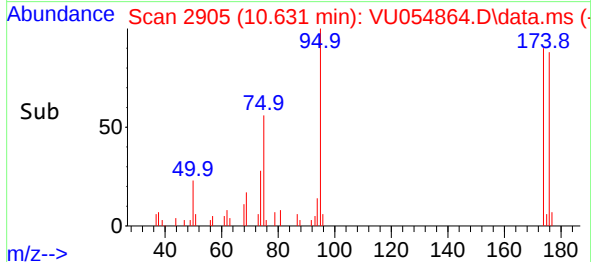
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



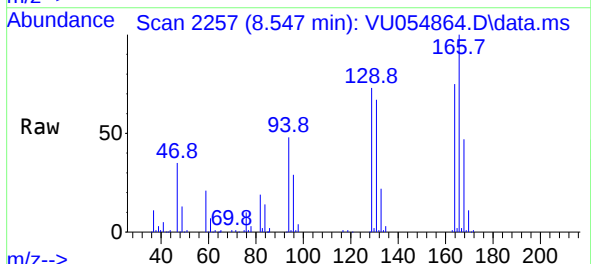
Tgt Ion: 95 Resp: 8060
Ion Ratio Lower Upper
95 100
174 92.4 79.3 118.9
176 89.7 71.5 107.3

Manual Integrations
APPROVED

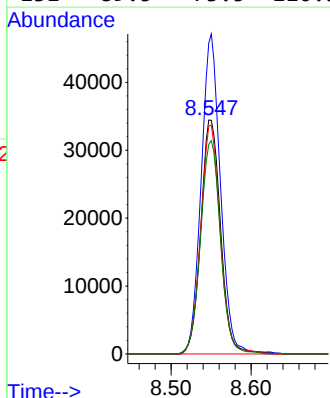
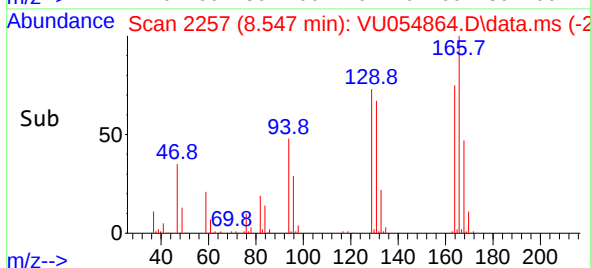
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

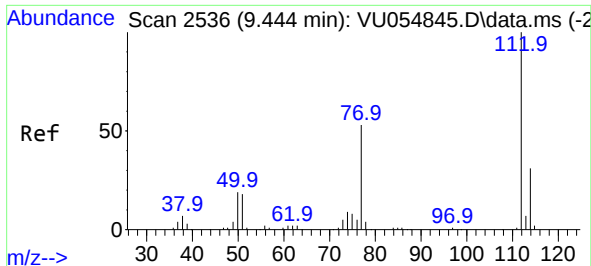


#58
Tetrachloroethene
Concen: 10.721 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion:164 Resp: 59362
Ion Ratio Lower Upper
164 100
166 132.9 100.4 150.6
129 97.3 71.9 107.9
131 89.5 73.5 110.3





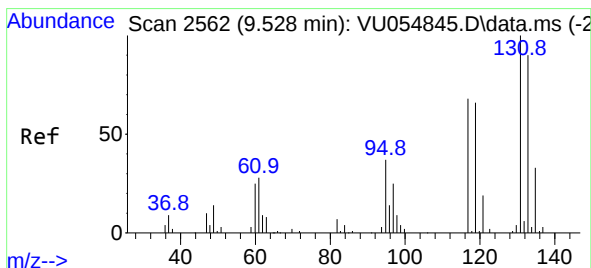
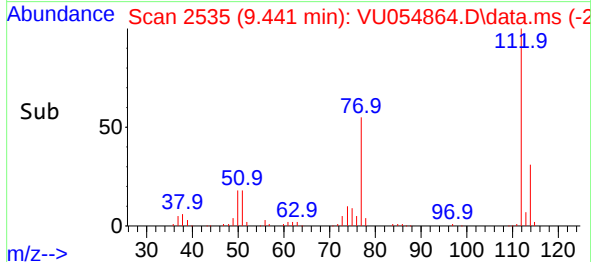
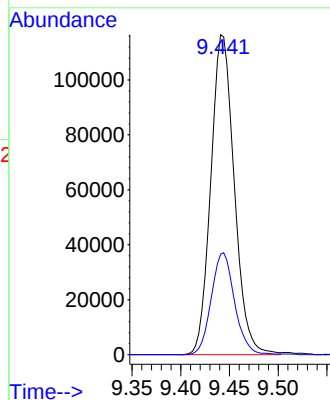
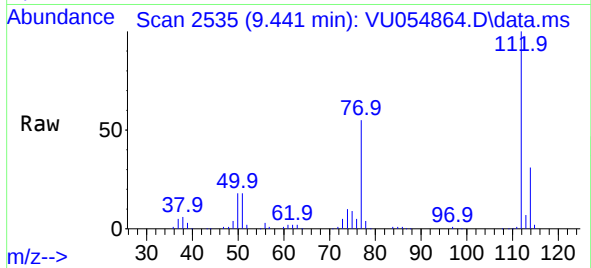
#59
Chlorobenzene
Concen: 10.914 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 19516
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

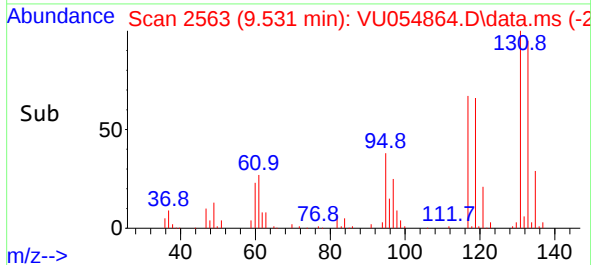
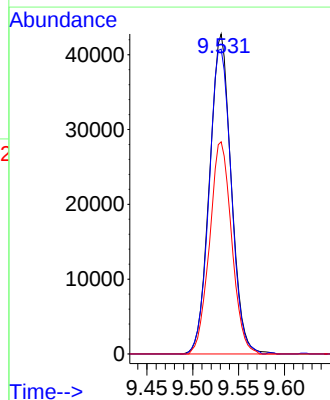
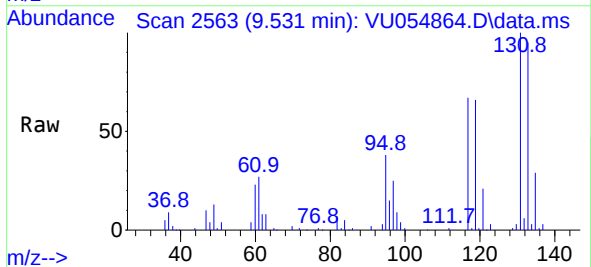
Manual Integrations
APPROVED

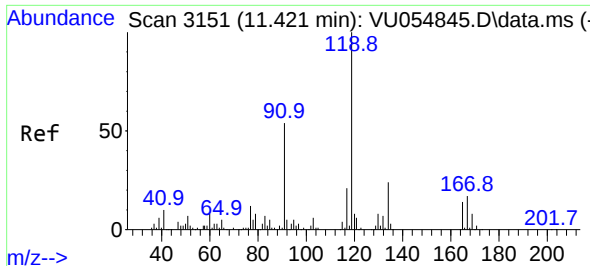
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 11.152 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion:131 Resp: 70402
Ion Ratio Lower Upper
131 100
133 97.3 74.2 111.4
119 67.3 51.0 76.4





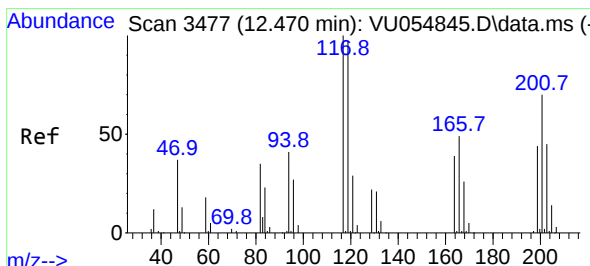
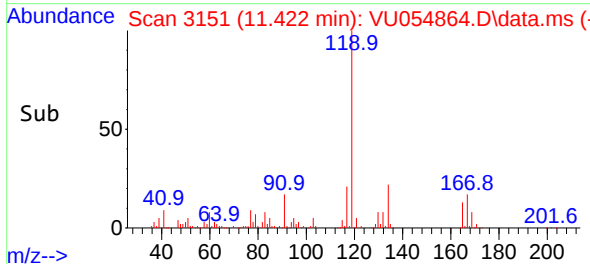
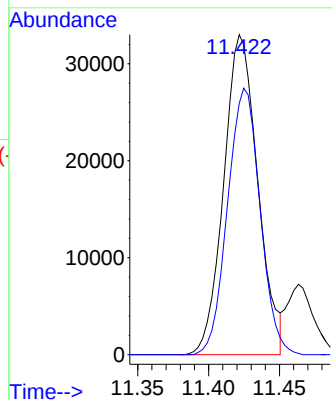
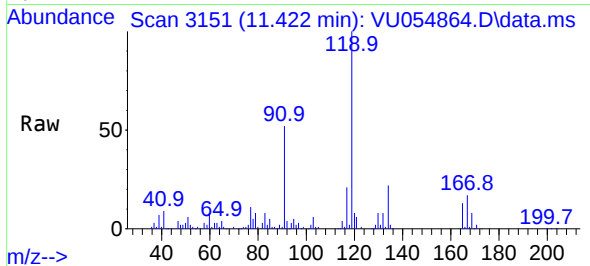
#61
Pentachloroethane
Concen: 11.110 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 5521
Ion Ratio Lower Upper
117 100
167 79.5 65.3 97.9

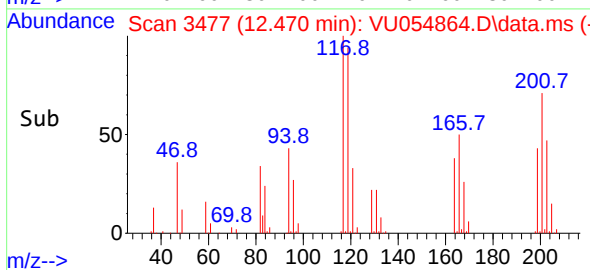
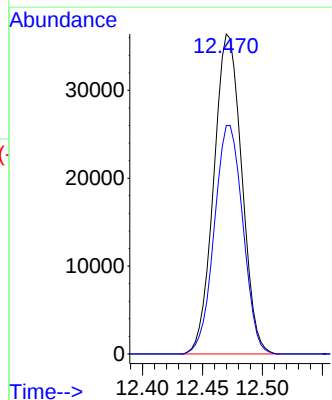
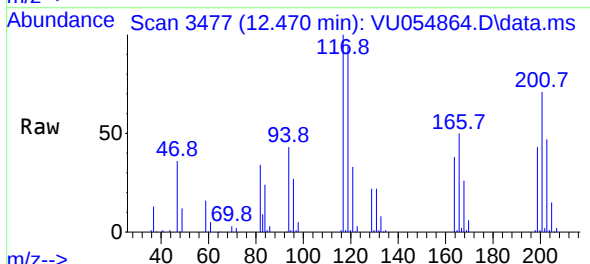
Manual Integrations
APPROVED

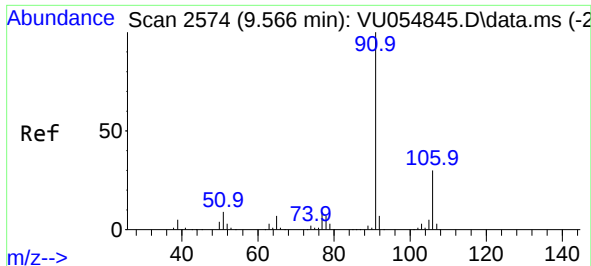
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 11.568 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

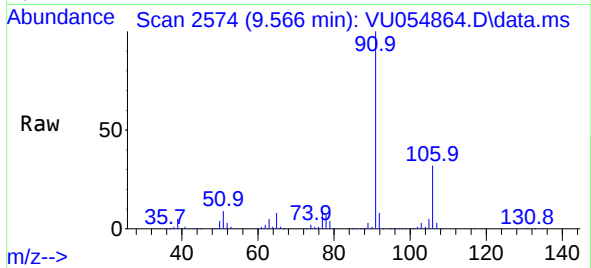
Tgt Ion:117 Resp: 59053
Ion Ratio Lower Upper
117 100
201 73.0 56.1 84.1





#63
Ethyl Benzene
Concen: 11.088 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

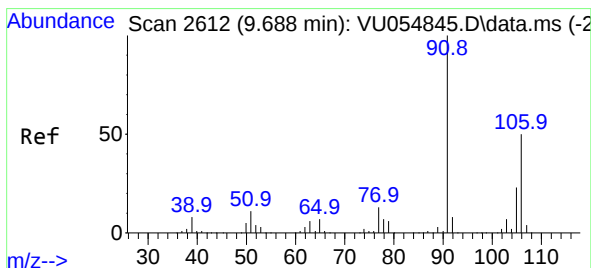
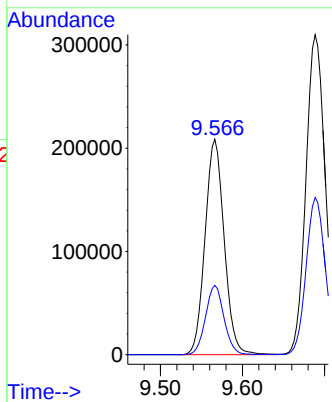
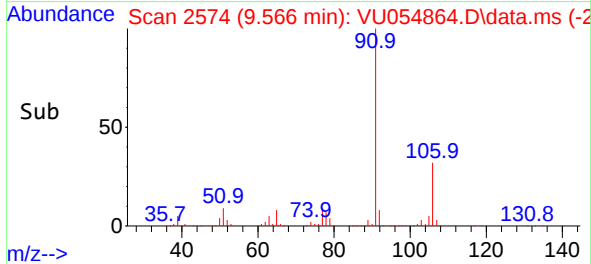
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 33800
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.2

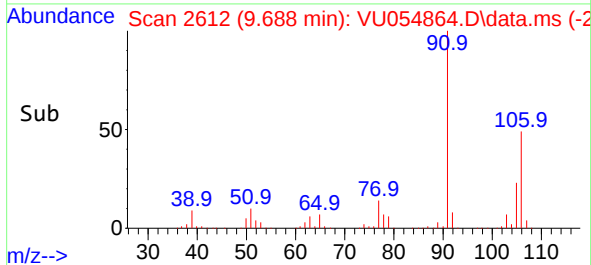
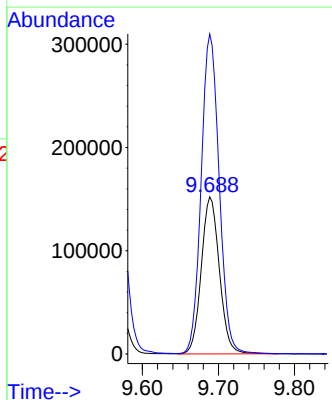
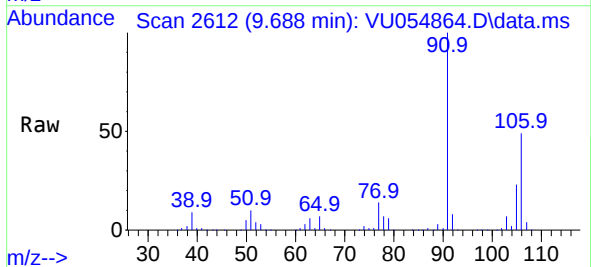
Manual Integrations
APPROVED

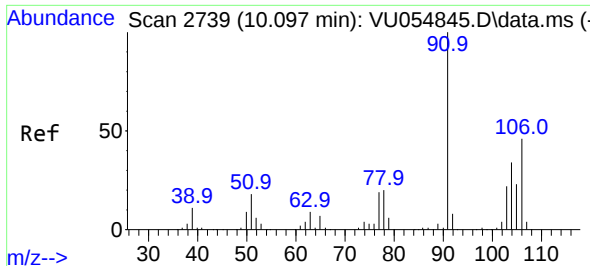
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 21.795 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion:106 Resp: 251189
Ion Ratio Lower Upper
106 100
91 202.9 158.8 238.2





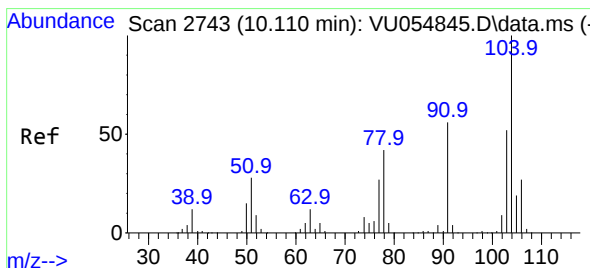
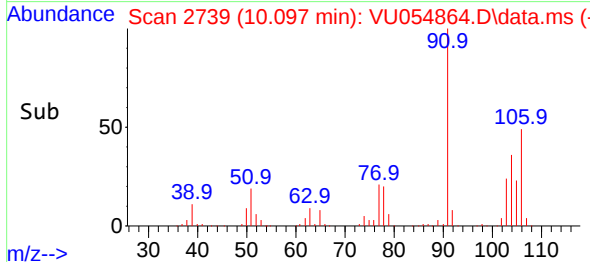
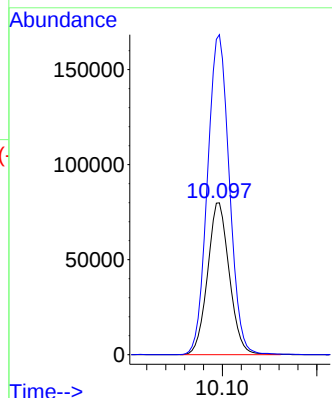
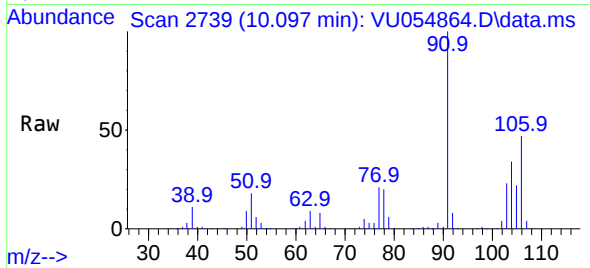
#65
o-Xylene
Concen: 10.995 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 12764
Ion Ratio Lower Upper
106 100
91 212.4 108.9 326.8

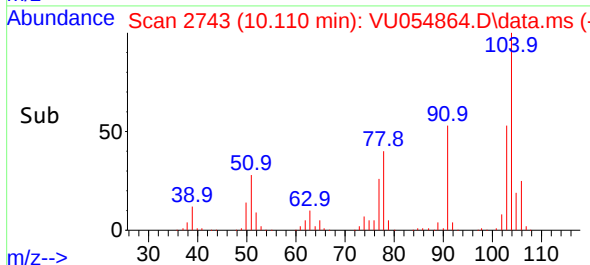
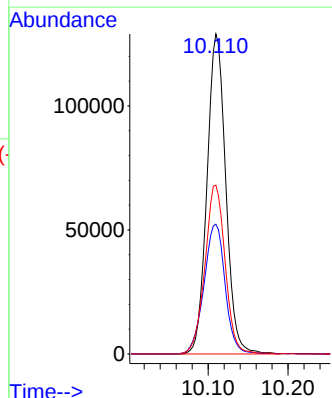
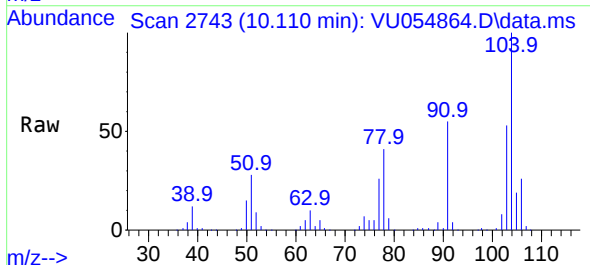
Manual Integrations
APPROVED

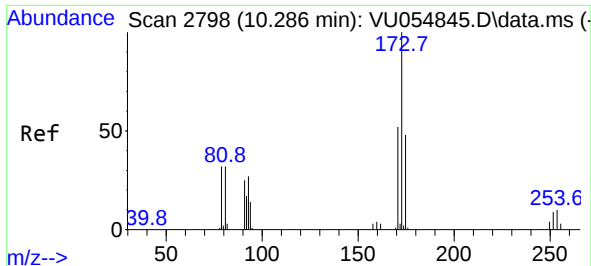
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 11.311 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

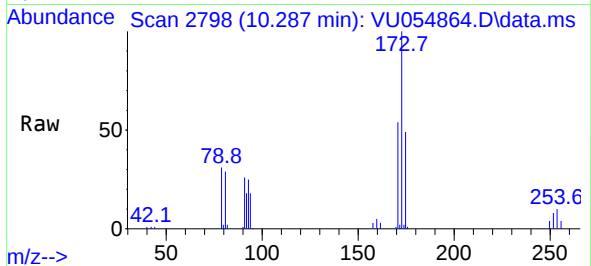
Tgt Ion:104 Resp: 210968
Ion Ratio Lower Upper
104 100
78 45.8 37.5 56.3
103 56.9 45.2 67.8





#67
Bromoform
Concen: 12.122 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

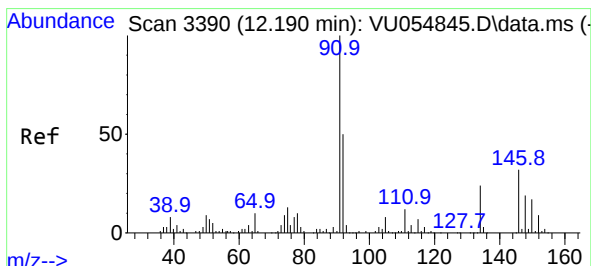
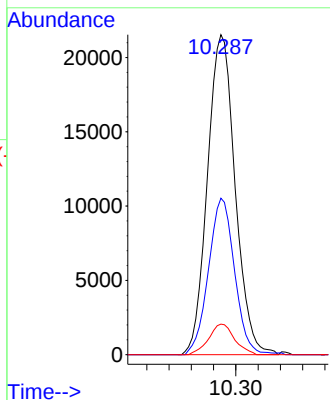
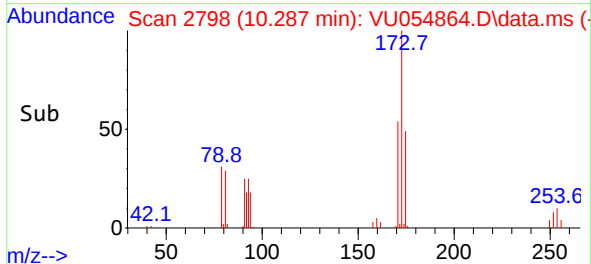
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



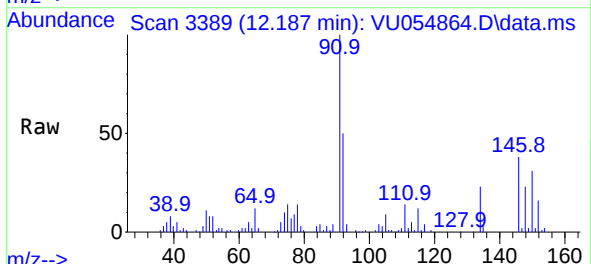
Tgt Ion:173 Resp: 3717
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.6
254 8.9 7.4 11.0

Manual Integrations
APPROVED

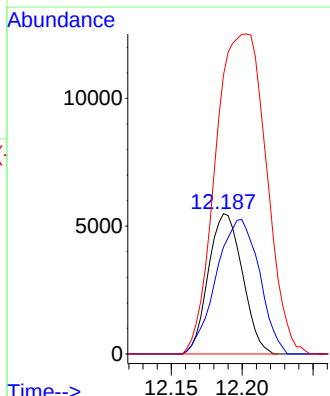
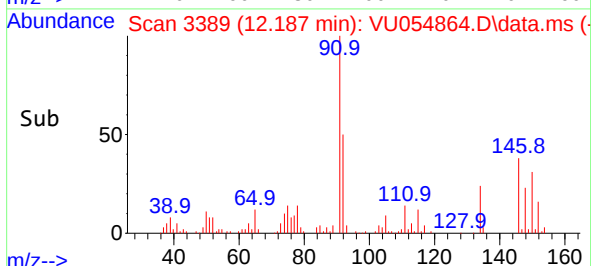
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

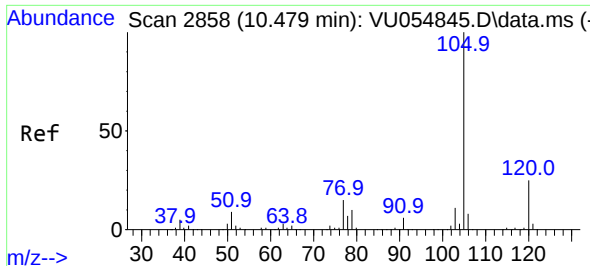


#68
1,2-Dichlorobenzene-d4
Concen: 0.964 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion:152 Resp: 9176
Ion Ratio Lower Upper
152 100
115 121.2 0.0 234.8
150 339.4 0.0 598.2





#69
Isopropylbenzene
Concen: 10.916 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

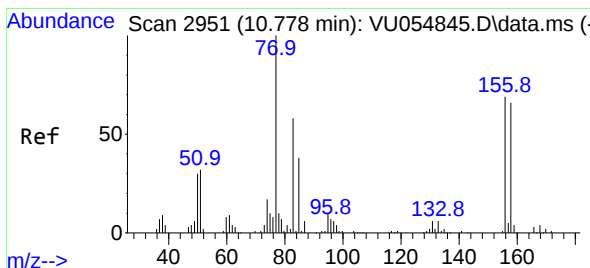
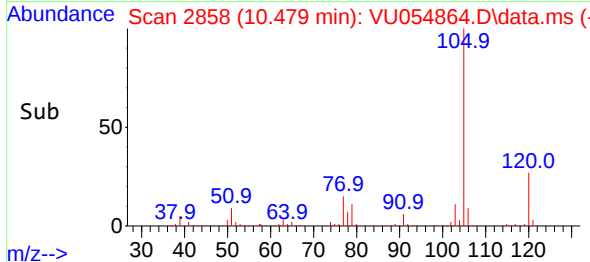
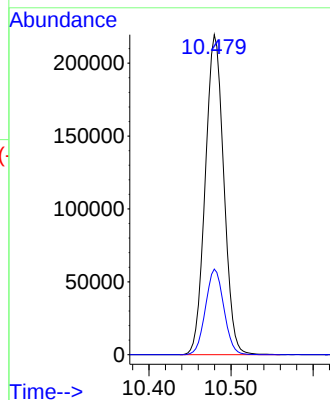
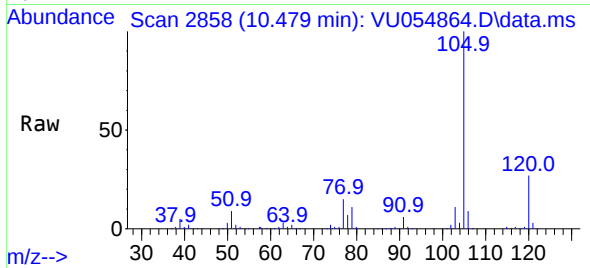
VSTDCCC010EC

Tgt Ion:105 Resp: 34382
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

Manual Integrations

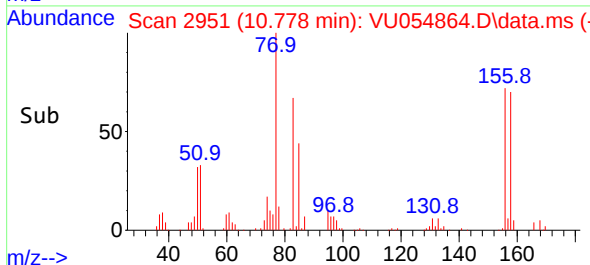
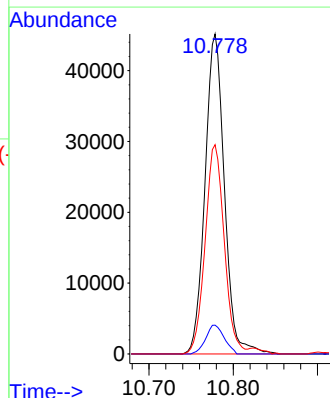
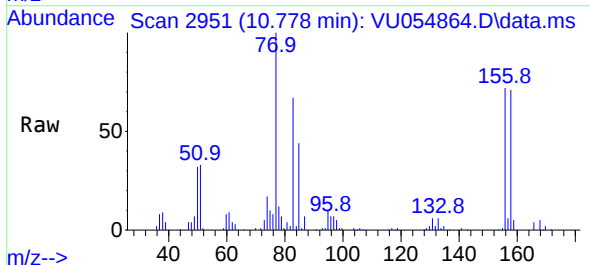
APPROVED

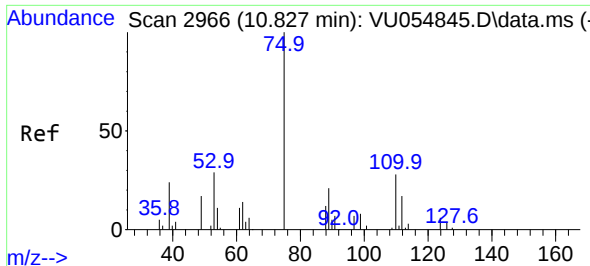
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 12.192 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion: 83 Resp: 72417
Ion Ratio Lower Upper
83 100
131 8.6 7.5 11.3
85 64.6 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 10.752 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

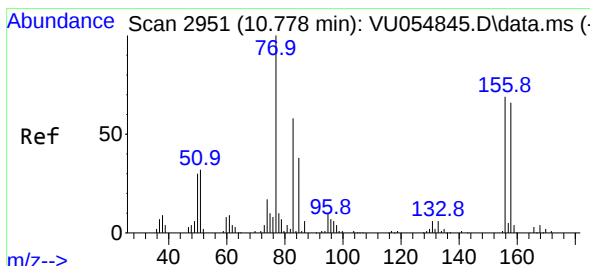
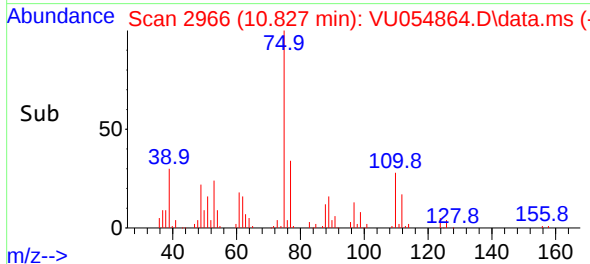
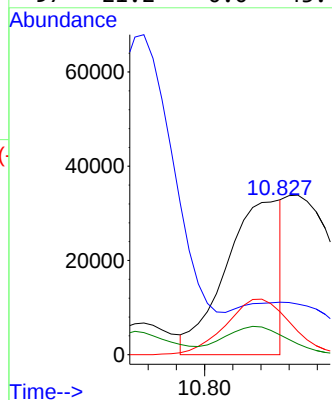
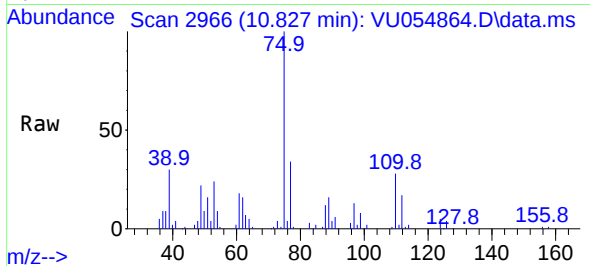
Tgt Ion: 75 Resp: 45000
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 42.3 0.0 80.8
97 21.2 0.0 43.4

Manual Integrations

APPROVED

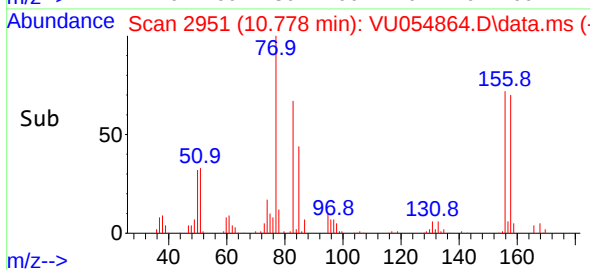
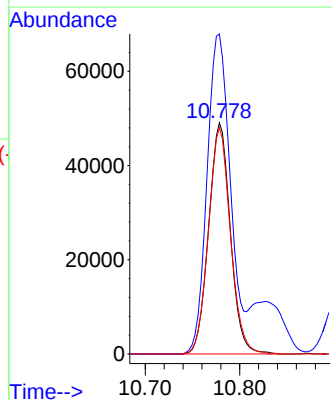
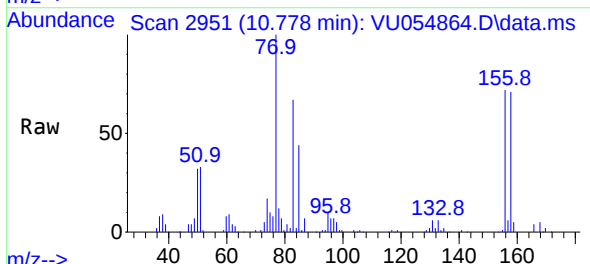
Reviewed By :John Carlone 07/25/2023

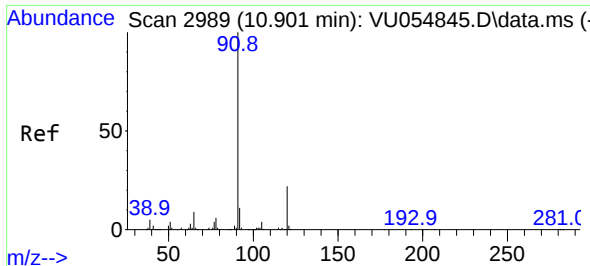
Supervised By :Mahesh Dadoda 07/31/2023



#72
Bromobenzene
Concen: 10.766 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

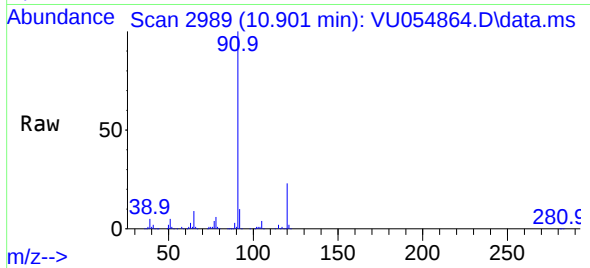
Tgt Ion:156 Resp: 78230
Ion Ratio Lower Upper
156 100
77 148.8 0.0 293.2
158 99.0 0.0 189.8





#73
n-propylbenzene
Concen: 11.106 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

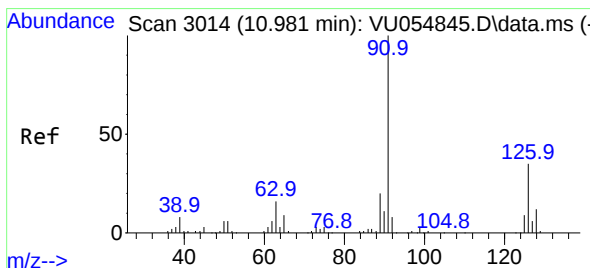
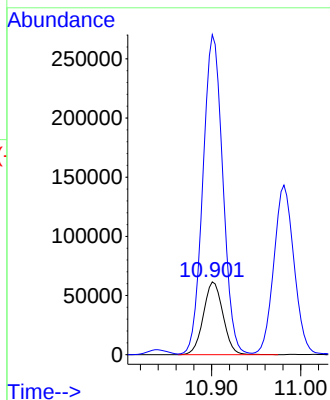
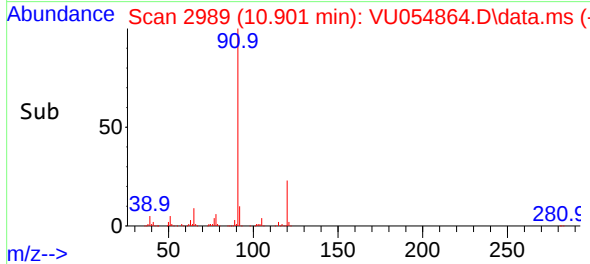
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 93984
Ion Ratio Lower Upper
120 100
91 444.6 361.8 542.6

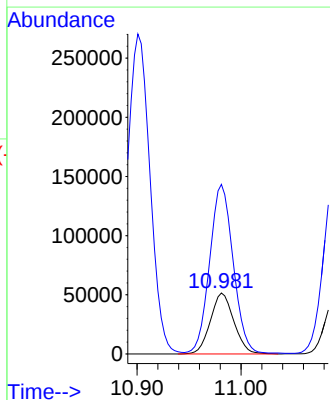
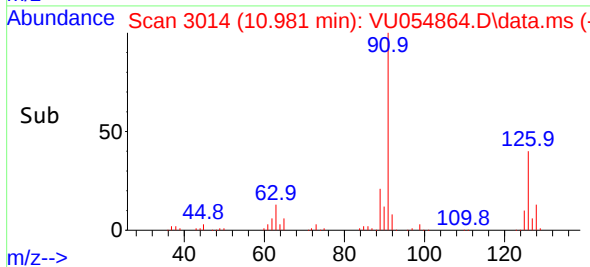
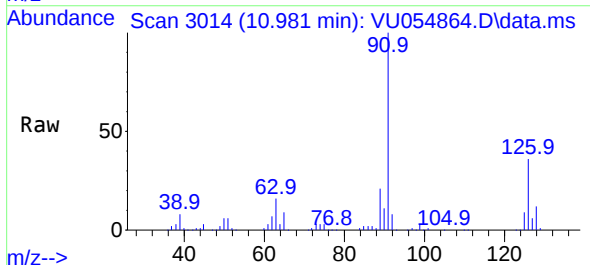
Manual Integrations
APPROVED

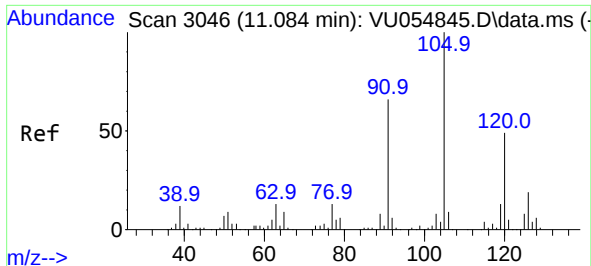
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.951 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

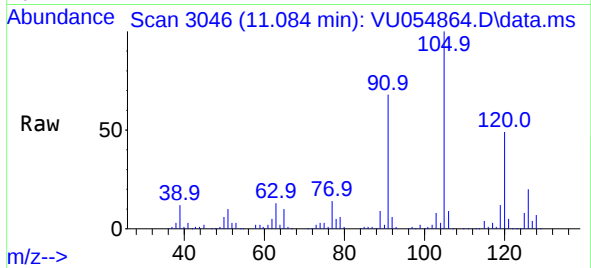
Tgt Ion:126 Resp: 80699
Ion Ratio Lower Upper
126 100
91 278.2 0.0 561.4





#75
1,3,5-Trimethylbenzene
Concen: 11.070 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

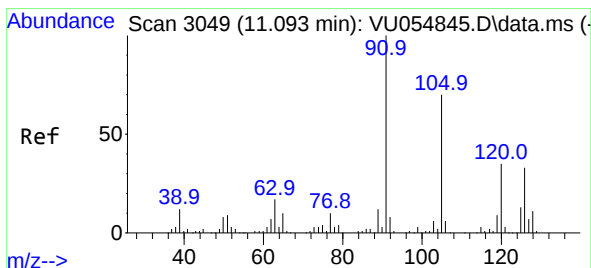
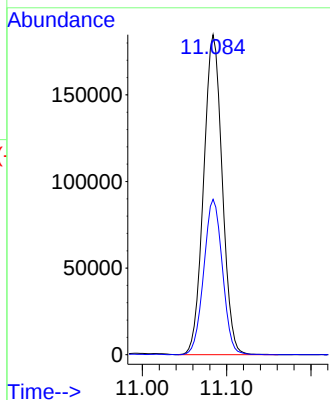
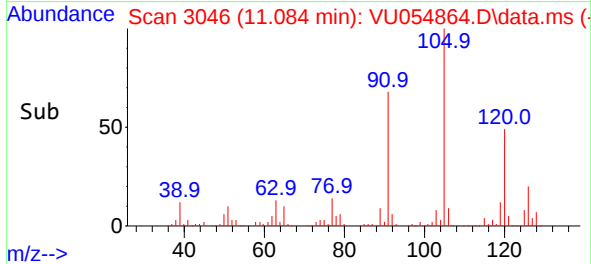
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



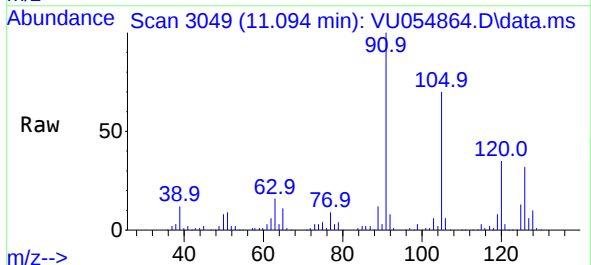
Tgt Ion:105 Resp: 28403
Ion Ratio Lower Upper
105 100
120 48.7 39.0 58.4

Manual Integrations
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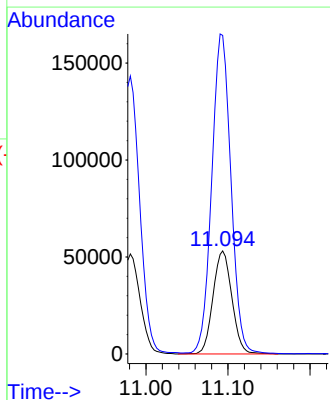
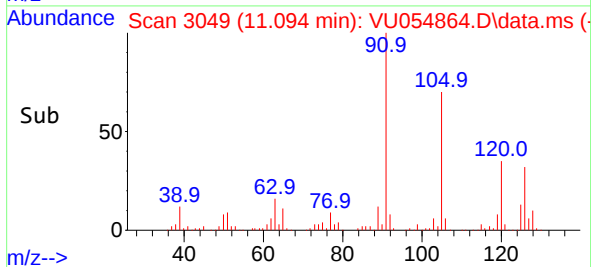
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

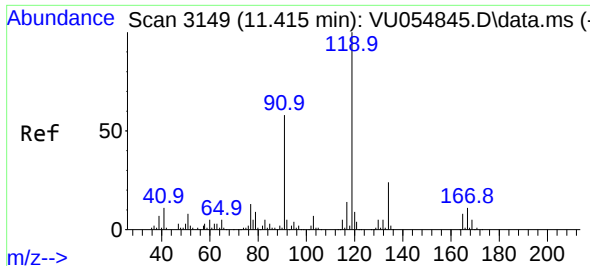


#76
4-Chlorotoluene
Concen: 11.227 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion:126 Resp: 85047
Ion Ratio Lower Upper
126 100
91 316.1 0.0 623.4





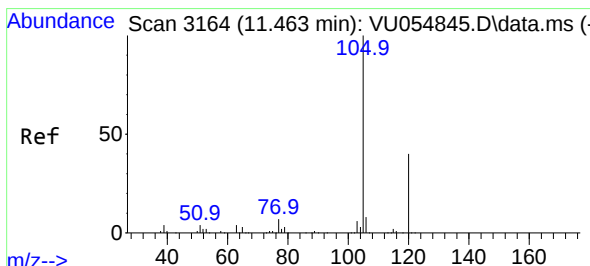
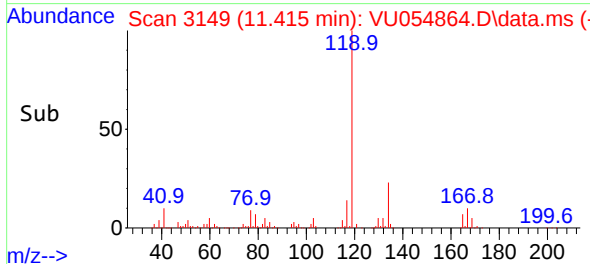
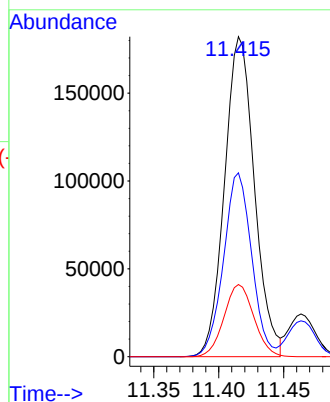
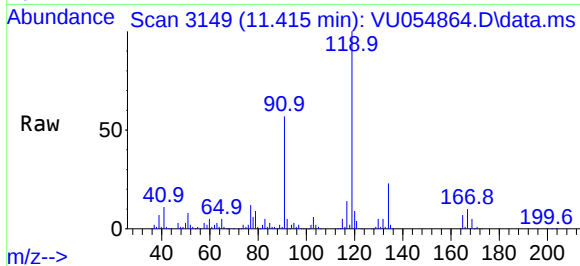
#77
tert-Butylbenzene
Concen: 11.052 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 29205
Ion Ratio Lower Upper
119 100
91 54.2 27.7 83.1
134 22.5 18.6 27.8

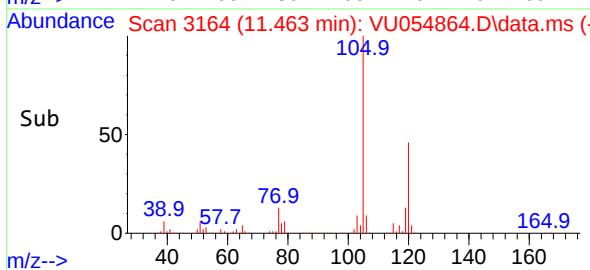
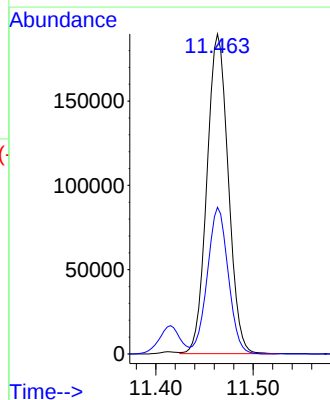
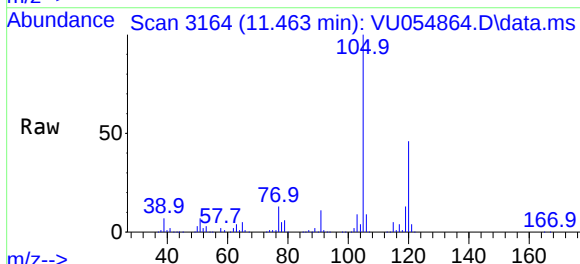
Manual Integrations
APPROVED

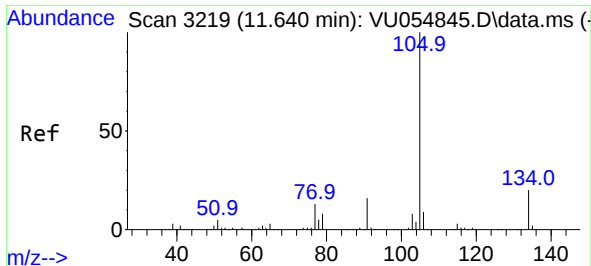
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.175 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Tgt Ion:105 Resp: 288364
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 11.136 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054864.D
 Acq: 24 Jul 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

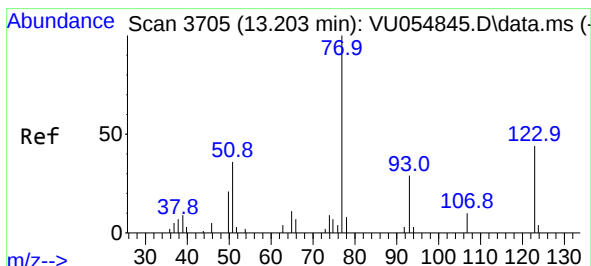
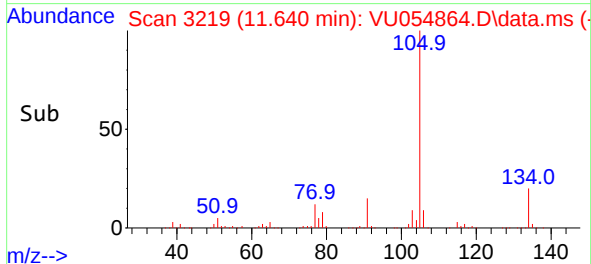
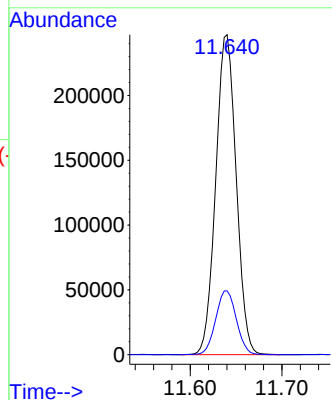
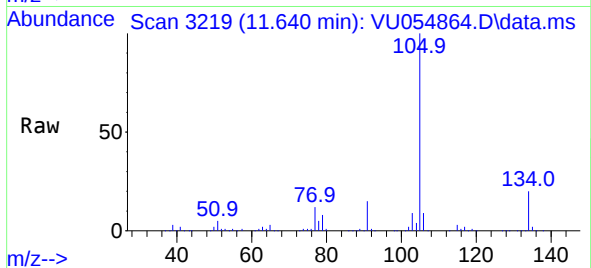
VSTDCCC010EC

Tgt Ion:105 Resp: 38181
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.7 23.5

Manual Integrations

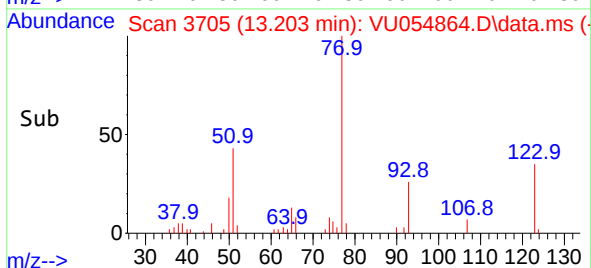
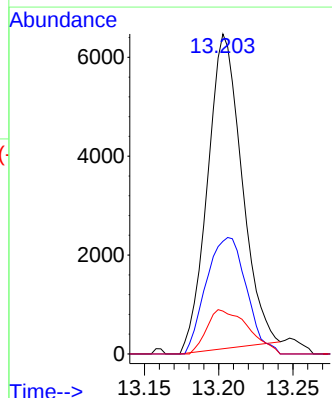
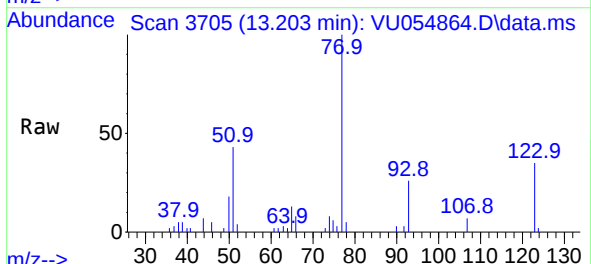
APPROVED

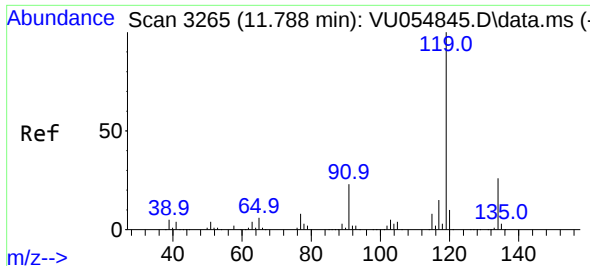
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 47.374 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU054864.D
 Acq: 24 Jul 2023 18:43

Tgt Ion: 77 Resp: 10212
 Ion Ratio Lower Upper
 77 100
 123 43.5 20.2 71.8
 65 17.2 11.7 14.9#





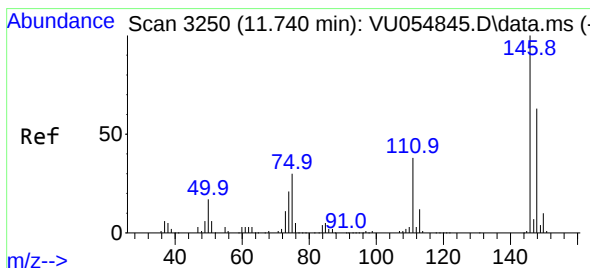
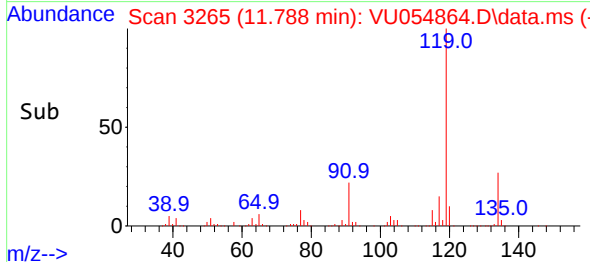
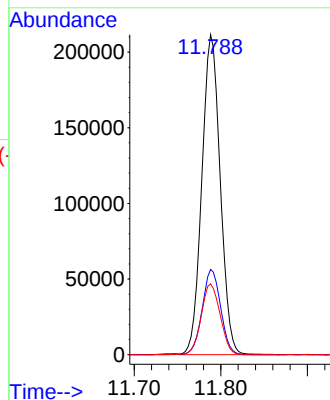
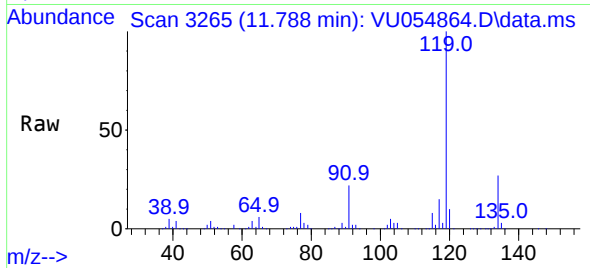
#81
p-Isopropyltoluene
Concen: 11.139 ug/l
RT: 11.788 min Scan# 311090
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 311090
Ion Ratio Lower Upper
119 100
134 26.7 20.6 31.0
91 22.7 18.2 27.4

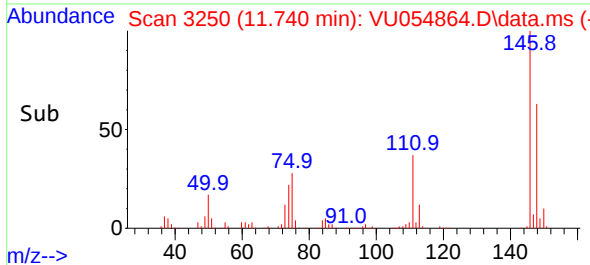
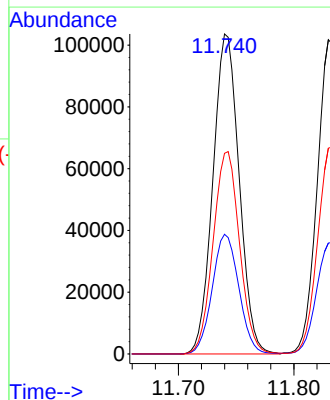
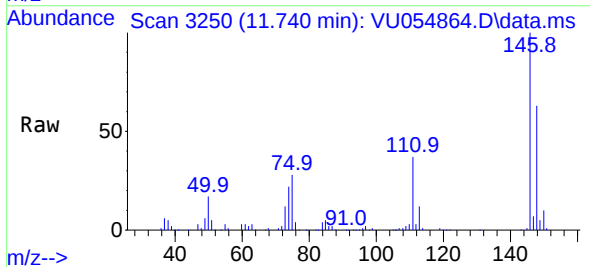
Manual Integrations
APPROVED

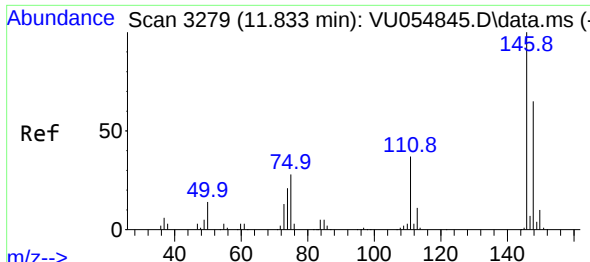
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 11.229 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

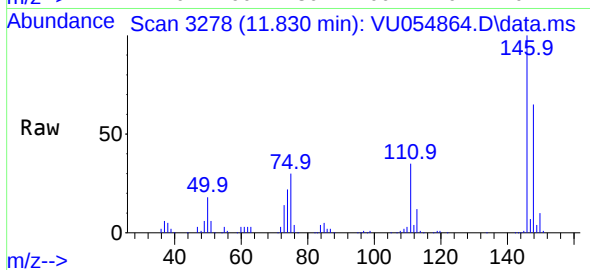
Tgt Ion:146 Resp: 163347
Ion Ratio Lower Upper
146 100
111 38.0 30.5 45.7
148 63.8 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 11.148 ug/l
RT: 11.830 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

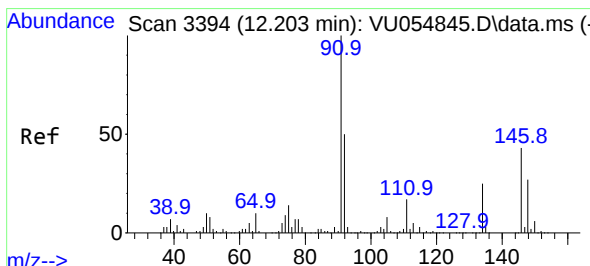
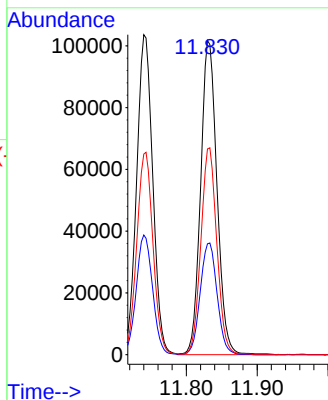
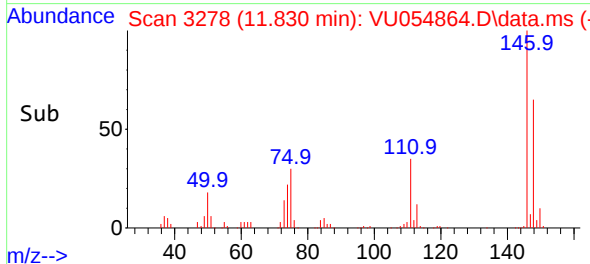
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



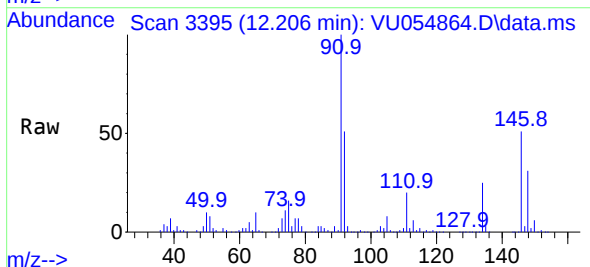
Tgt Ion:146 Resp: 16264
Ion Ratio Lower Upper
146 100
111 36.5 29.5 44.3
148 64.4 51.2 76.8

Manual Integrations
APPROVED

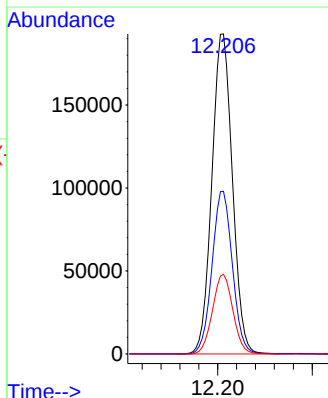
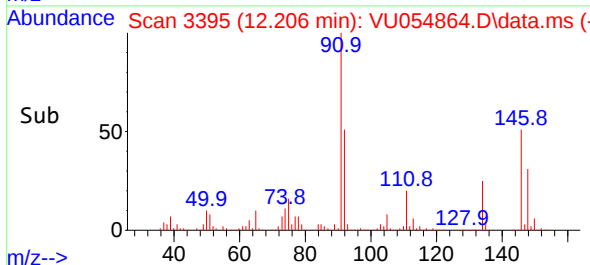
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

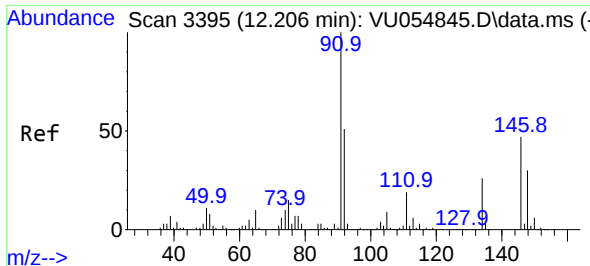


#84
n-Butylbenzene
Concen: 11.308 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



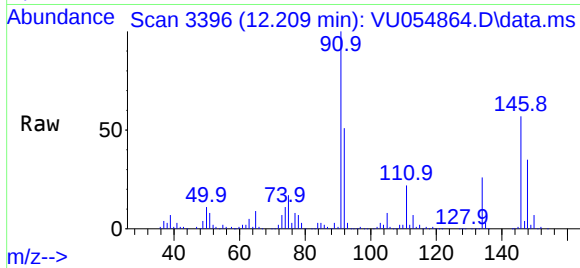
Tgt Ion: 91 Resp: 290581
Ion Ratio Lower Upper
91 100
92 50.5 39.8 59.8
134 24.7 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 11.359 ug/l
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

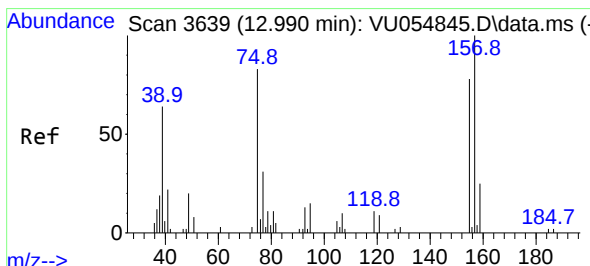
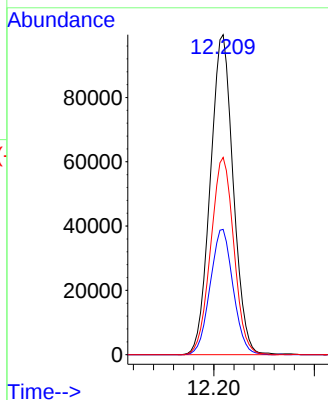
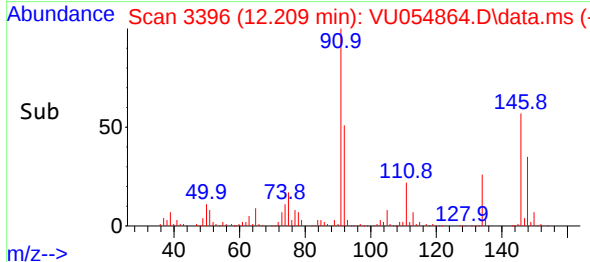
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



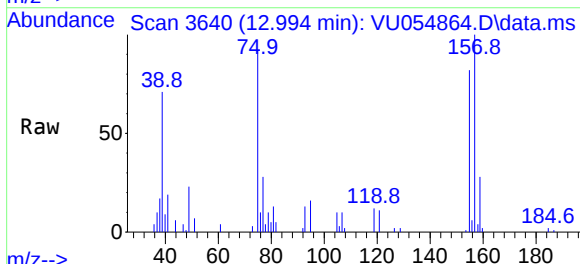
Tgt Ion:146 Resp: 157372
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.4
148 62.3 31.8 95.3

Manual Integrations
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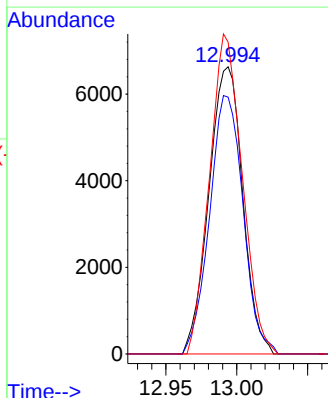
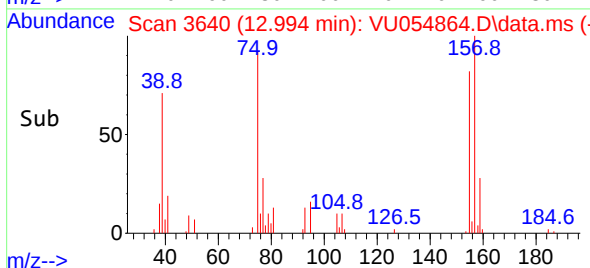
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

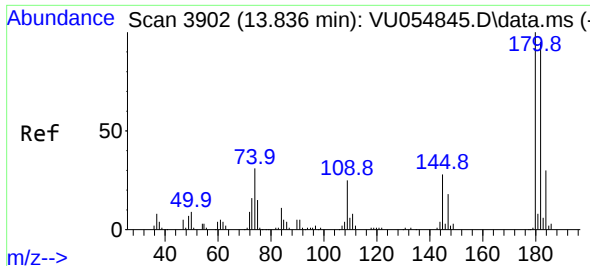


#86
1,2-Dibromo-3-Chloropropane
Concen: 11.318 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.004 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



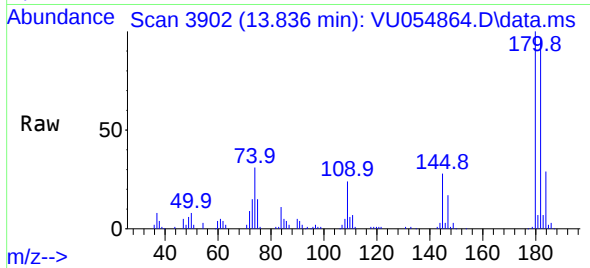
Tgt Ion: 75 Resp: 11002
Ion Ratio Lower Upper
75 100
155 89.1 74.8 112.2
157 107.6 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 11.427 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

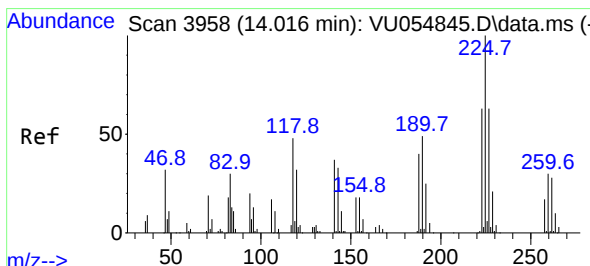
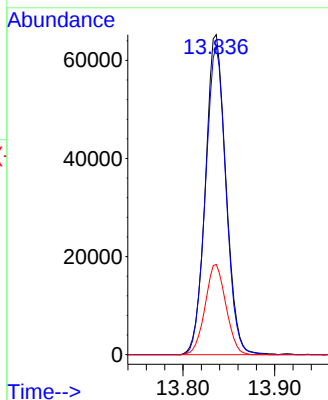
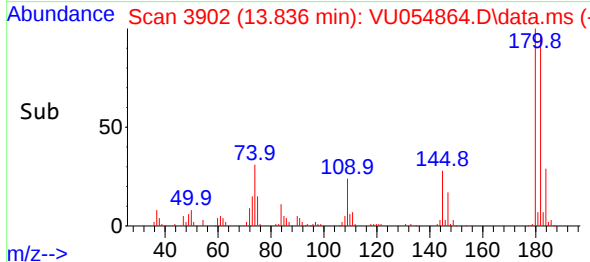
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



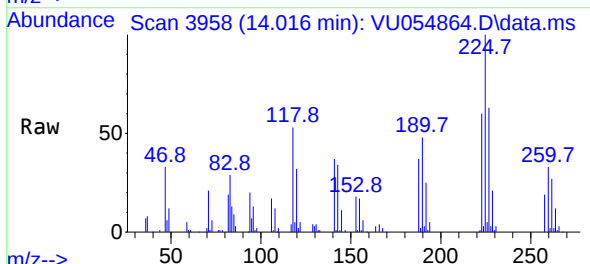
Tgt Ion:180 Resp: 101500
Ion Ratio Lower Upper
180 100
182 95.9 77.0 115.6
145 28.6 23.4 35.0

Manual Integrations
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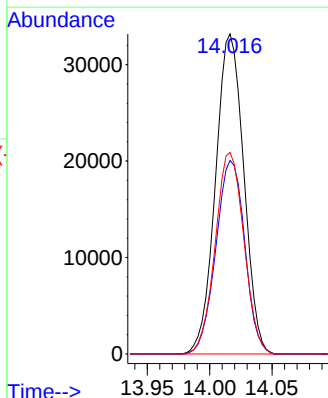
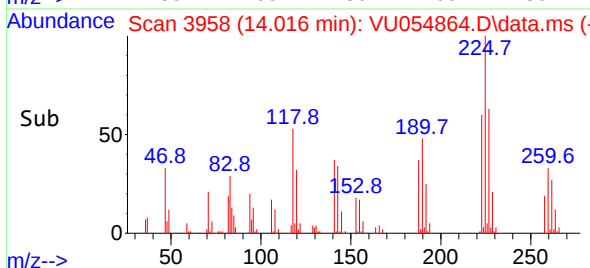
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

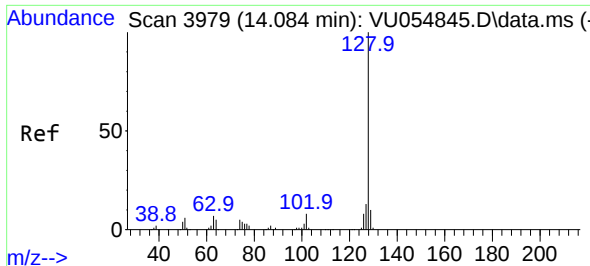


#88
Hexachlorobutadiene
Concen: 11.024 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



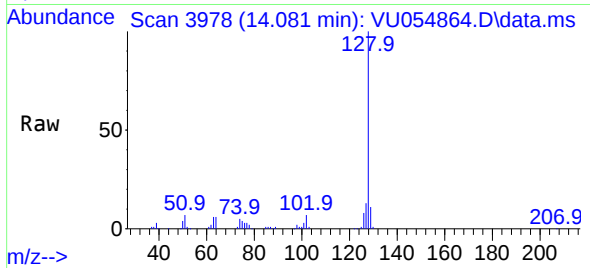
Tgt Ion:225 Resp: 52307
Ion Ratio Lower Upper
225 100
223 61.7 50.6 76.0
227 63.9 50.7 76.1





#89
Naphthalene
Concen: 11.399 ug/l
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43

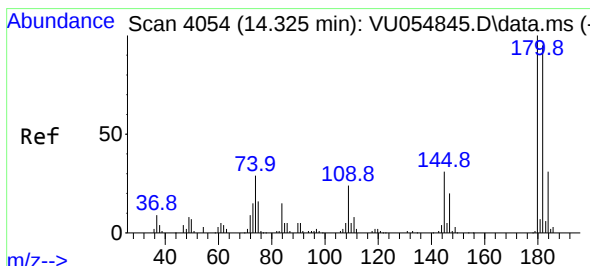
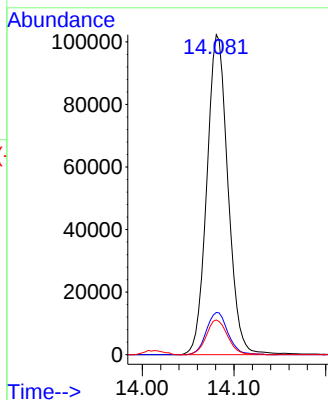
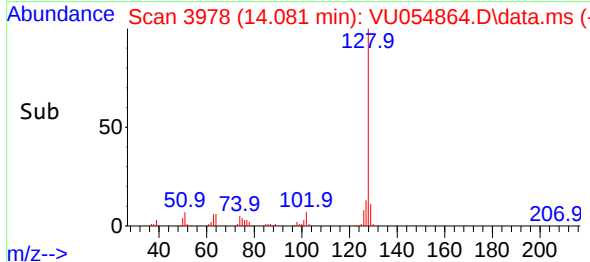
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



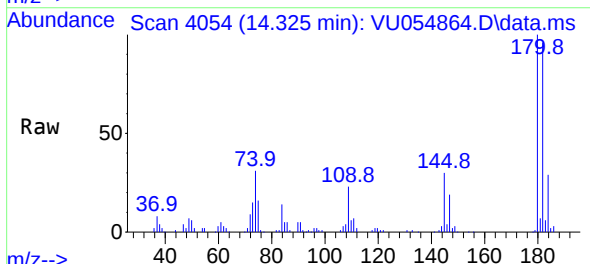
Tgt Ion:128 Resp: 163754
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
1,2,3-Trichlorobenzene
Concen: 12.614 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054864.D
Acq: 24 Jul 2023 18:43



Tgt Ion:180 Resp: 96830
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 30.2 24.3 36.5

