

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054852.D
 Acq On : 24 Jul 2023 11:47
 Operator : MD/SY
 Sample : VU0724WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 02:13:05 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	27592	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8600	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	9720	1.007	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10195	1.857	ug/l	89
3) Chloromethane	1.518	50	11727	1.839	ug/l	98
4) Vinyl Chloride	1.602	62	15755	1.925	ug/l	96
5) Bromomethane	1.856	94	12398	2.134	ug/l	99
6) Chloroethane	1.933	64	14189	1.835	ug/l	100
7) Trichlorofluoromethane	2.136	101	38931	1.963	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	11953	2.103	ug/l	94
9) 1,1-Dichloroethene	2.576	96	9345	1.969	ug/l	95
10) Iodomethane	2.718	142	15310	2.002	ug/l	97
11) Allyl Chloride	2.920	41	11499	2.065	ug/l	96
12) Acrylonitrile	3.332	53	4692	4.063	ug/l	# 66
13) Acetone	2.647	43	11956	12.076	ug/l	88
14) Carbon Disulfide	2.788	76	16711	2.088	ug/l	100
15) Methylene Chloride	3.042	84	14910	1.656	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	10079	1.911	ug/l	# 84
17) 1,1-Dichloroethane	3.869	63	21895	1.962	ug/l	98
18) 2-Butanone	4.724	43	15829	10.929	ug/l	99
19) Cyclohexane	5.380	56	12695	1.964	ug/l	# 87
20) Methylcyclohexane	6.759	83	17808	2.075	ug/l	98
21) 2,2-Dichloropropane	4.660	77	20581	2.114	ug/l	99
22) cis-1,2-Dichloroethene	4.666	96	14644	2.193	ug/l	93
23) Diethyl Ether	2.377	59	14276	1.958	ug/l	96
24) tert-Butyl Alcohol	3.242	59	11519m	18.336	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	30369	2.097	ug/l	95
26) Bromochloromethane	4.972	128	5212	2.047	ug/l	91
27) Chloroform	5.084	83	25445	2.075	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	21310	2.067	ug/l	99
29) 1,1-Dichloropropene	5.525	75	15326	2.090	ug/l	100
30) Carbon Tetrachloride	5.521	117	17131	2.000	ug/l	99
31) Isopropyl Ether	3.991	45	34983	2.118	ug/l	99
32) Ethyl-t-butyl ether	4.496	59	32798	1.932	ug/l	94
33) Tert-Amyl methyl ether	5.936	73	33060	2.070	ug/l	98
34) Propionitrile	4.808	54	4987m	11.511	ug/l	
35) Benzene	5.772	78	49378	2.073	ug/l	97
36) 1,2-Dichloroethane	5.791	62	13873	2.027	ug/l	100
37) Trichloroethene	6.541	130	13961	2.168	ug/l	96
38) 1,2-Dichloropropane	6.788	63	13562	1.972	ug/l	97
39) Methacrylonitrile	4.984	41	3338	2.164	ug/l	# 79
40) Methyl acrylate	4.859	55	5693	2.163	ug/l	# 74
41) Tetrahydrofuran	5.071	42	4024m	4.415	ug/l	
42) 1-Chlorobutane	5.457	56	19382	1.954	ug/l	99
43) Dibromomethane	6.917	93	6476	2.024	ug/l	99
44) Bromodichloromethane	7.100	83	18324	2.091	ug/l	# 96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054852.D
 Acq On : 24 Jul 2023 11:47
 Operator : MD/SY
 Sample : VU0724WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

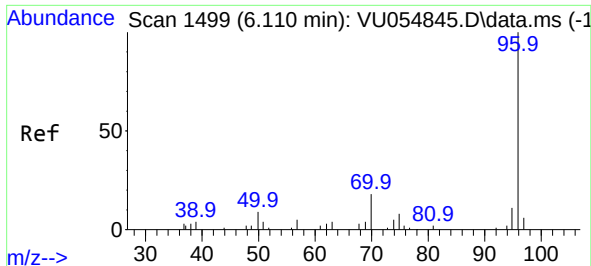
Manual Integrations
 APPROVED

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

Quant Time: Jul 25 02:13:05 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)
45) 4-Methyl-2-Pentanone	7.788	43	38795	10.246	ug/l	95
46) t-1,4-Dichloro-2-butene	10.827	75	7564m	4.772	ug/l	
47) Methyl methacrylate	6.965	69	12647	4.208	ug/l	97
48) Ethyl methacrylate	8.332	69	12839	2.103	ug/l	88
49) Toluene	7.965	92	30861	2.030	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	15695	2.020	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	19134	2.025	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	10166	2.106	ug/l	93
53) 1,3-Dichloropropane	8.573	76	16641	2.046	ug/l	94
54) 2-Hexanone	8.685	43	27517	10.424	ug/l	100
55) Dibromochloromethane	8.807	129	12104	2.099	ug/l	97
56) 1,2-Dibromoethane	8.920	107	8926	2.114	ug/l	98
58) Tetrachloroethene	8.550	164	11404	2.032	ug/l	96
59) Chlorobenzene	9.444	112	36751	2.028	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	13761	2.151	ug/l	98
61) Pentachloroethane	11.421	117	9986	1.983	ug/l	95
62) Hexachloroethane	12.470	117	10265	1.984	ug/l	98
63) Ethyl Benzene	9.566	91	62496	2.023	ug/l	93
64) m/p-Xylenes	9.688	106	46849	4.011	ug/l	100
65) o-Xylene	10.097	106	22659	1.926	ug/l	99
66) Styrene	10.113	104	38114	2.017	ug/l	98
67) Bromoform	10.286	173	6855	2.206	ug/l	89
69) Isopropylbenzene	10.479	105	64969	2.035	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	12221	2.030	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	9642m	2.273	ug/l	
72) Bromobenzene	10.778	156	15336	2.083	ug/l	98
73) n-propylbenzene	10.901	120	17412	2.030	ug/l	93
74) 2-Chlorotoluene	10.981	126	14752	1.976	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	52664	2.025	ug/l	99
76) 4-Chlorotoluene	11.093	126	16146	2.103	ug/l	95
77) tert-Butylbenzene	11.415	119	54163	2.023	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	52388	2.003	ug/l	98
79) sec-Butylbenzene	11.640	105	69611	2.003	ug/l	99
80) Nitrobenzene	13.212	77	1953	11.430	ug/l #	66
81) p-Isopropyltoluene	11.791	119	54672	1.932	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	29800	2.022	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	30139	2.039	ug/l	100
84) n-Butylbenzene	12.206	91	47806	1.836	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	28545	2.033	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1463	1.970	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	18161	2.018	ug/l	95
88) Hexachlorobutadiene	14.016	225	9751	2.028	ug/l	98
89) Naphthalene	14.084	128	27839	1.912	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	15412	1.981	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: VU054852.D
Acq: 24 Jul 2023 11:47

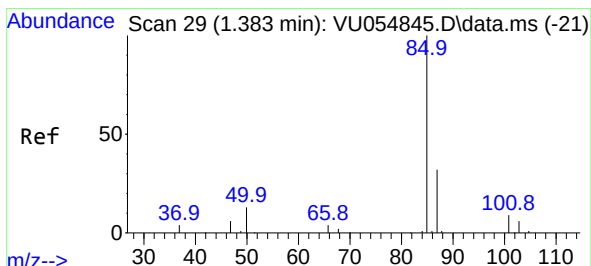
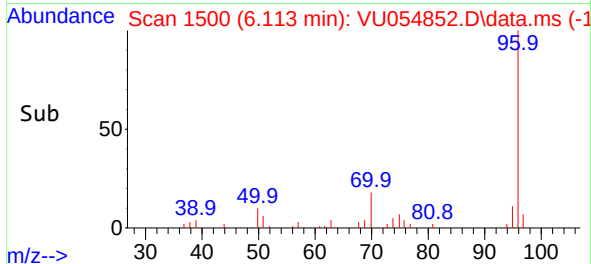
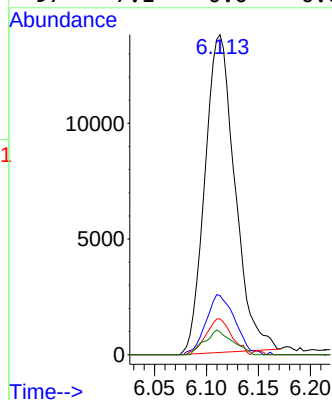
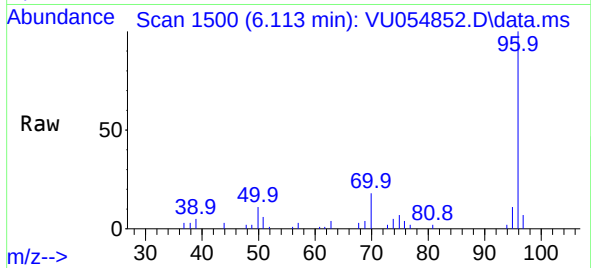
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 96 Resp: 2759

Ion	Ratio	Lower	Upper
96	100		
70	18.2	14.0	21.0
95	9.7	8.7	13.1
97	7.1	0.0	0.0

Manual Integrations
APPROVED

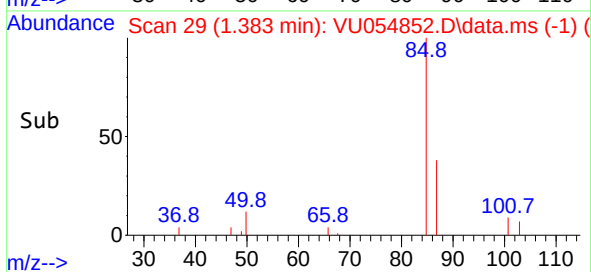
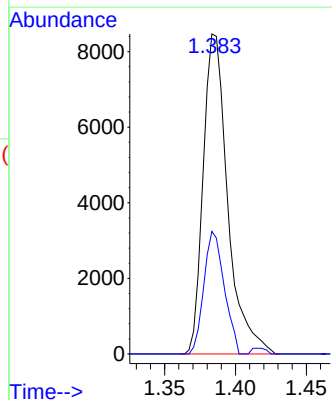
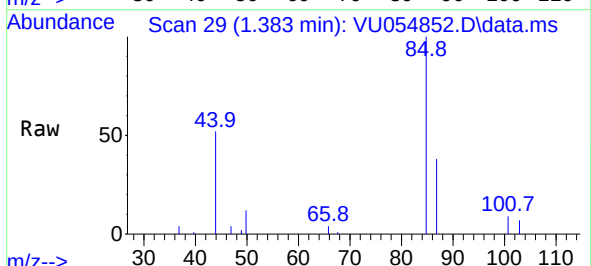
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

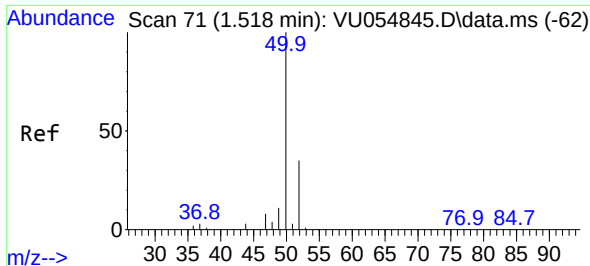


#2
Dichlorodifluoromethane
Concen: 1.857 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion: 85 Resp: 10195

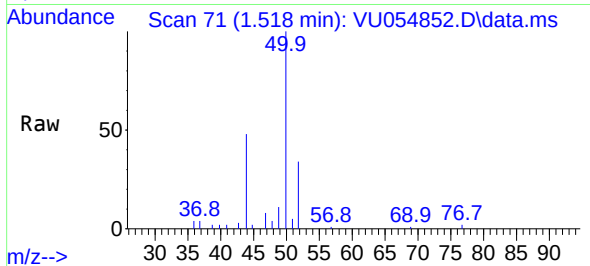
Ion	Ratio	Lower	Upper
85	100		
87	38.3	16.2	48.6





#3
Chloromethane
Concen: 1.839 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

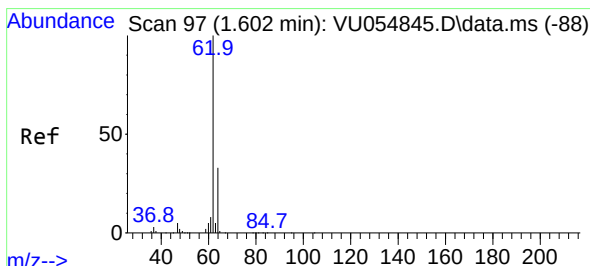
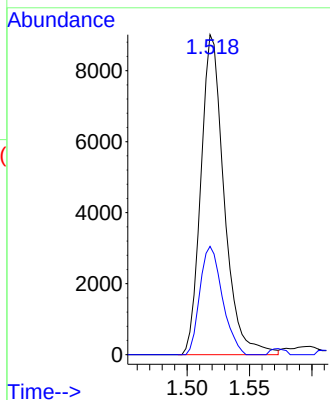
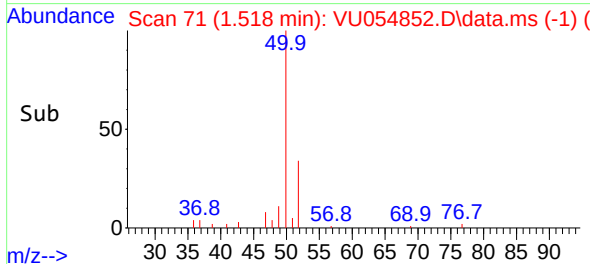
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 33.9 28.2 42.2

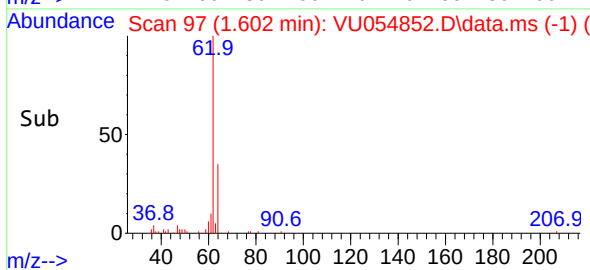
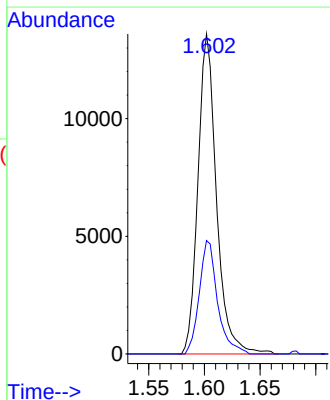
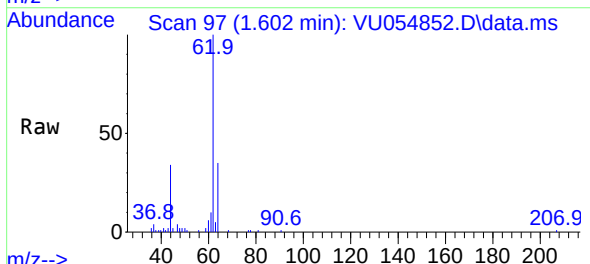
Manual Integrations
APPROVED

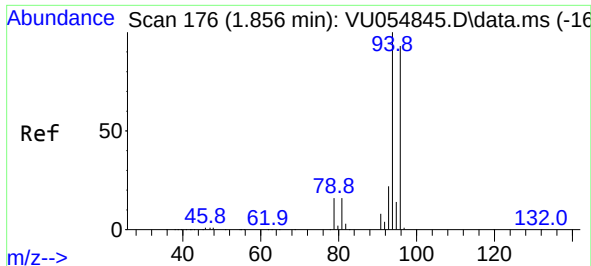
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 1.925 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

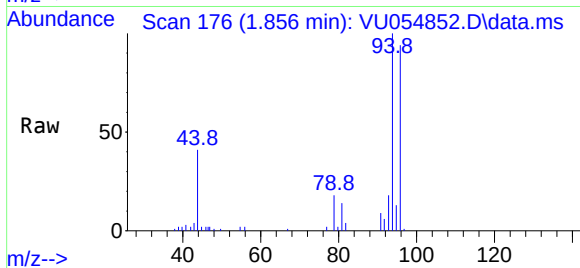
Tgt Ion: 62 Resp: 15755
Ion Ratio Lower Upper
62 100
64 35.5 26.4 39.6





#5
Bromomethane
Concen: 2.134 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

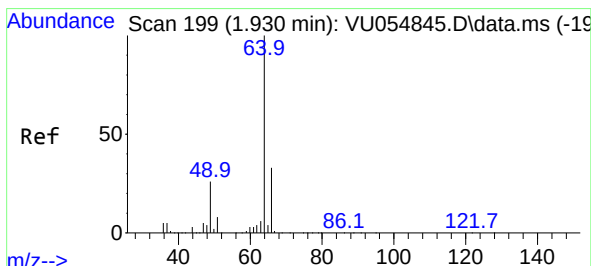
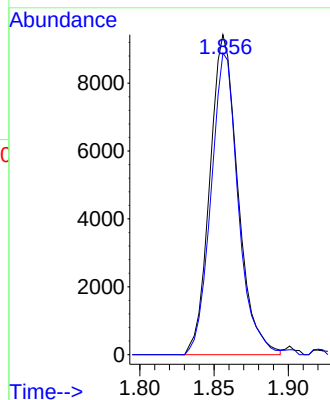
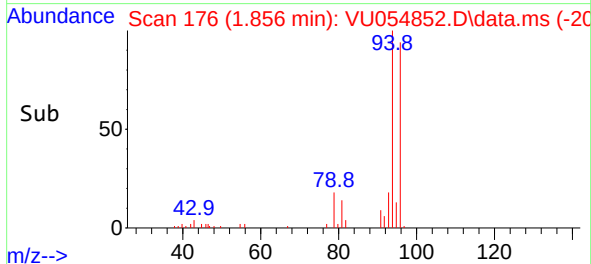
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion: 94 Resp: 12398
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

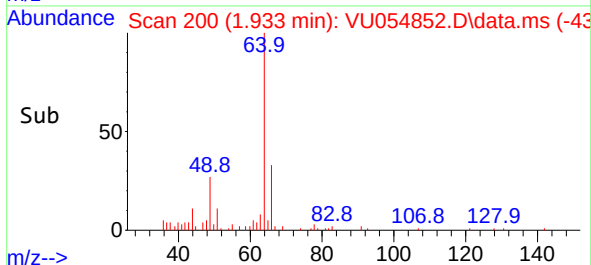
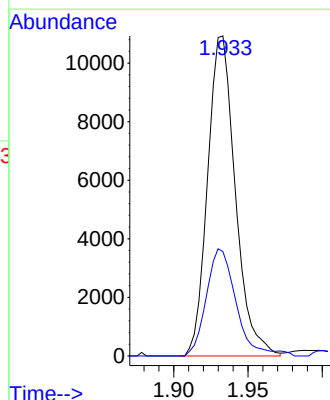
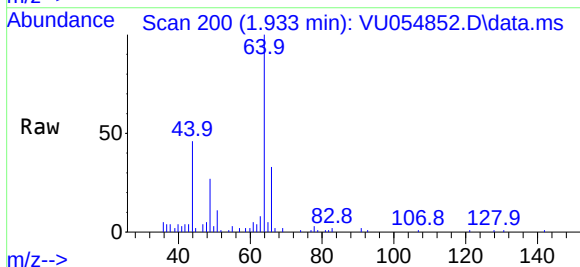
Manual Integrations
APPROVED

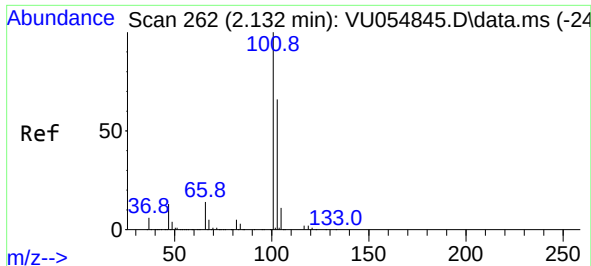
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 1.835 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion: 64 Resp: 14189
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





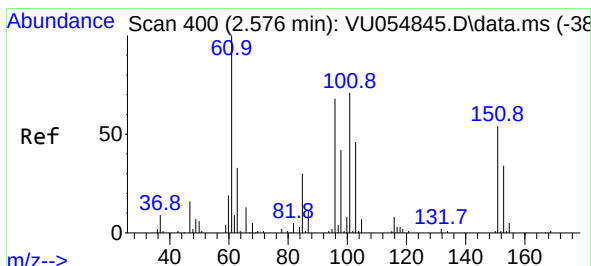
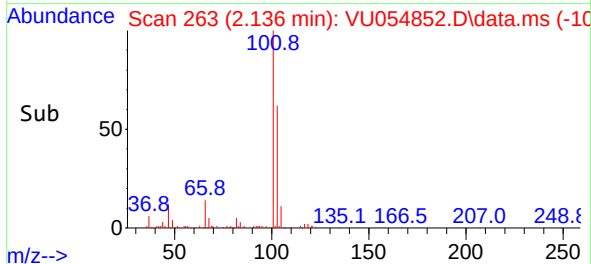
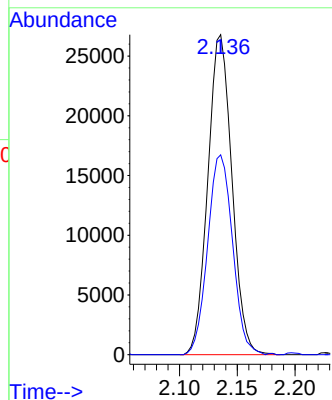
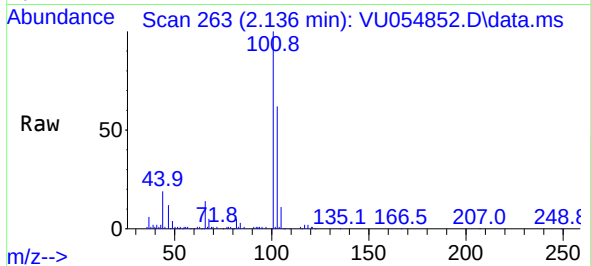
#7
Trichlorofluoromethane
Concen: 1.963 ug/l
RT: 2.136 min Scan# 201
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:101 Resp: 3893
Ion Ratio Lower Upper
101 100
103 62.4 52.9 79.3

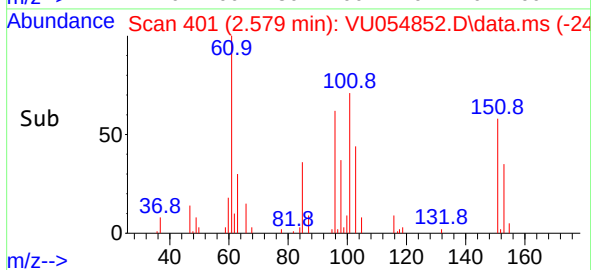
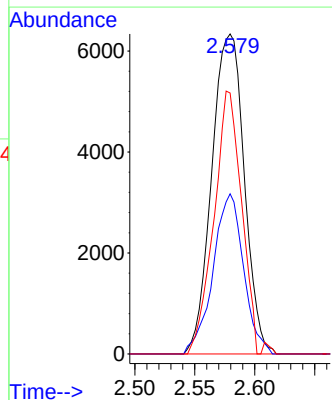
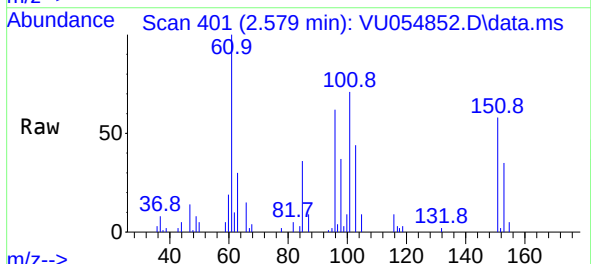
Manual Integrations
APPROVED

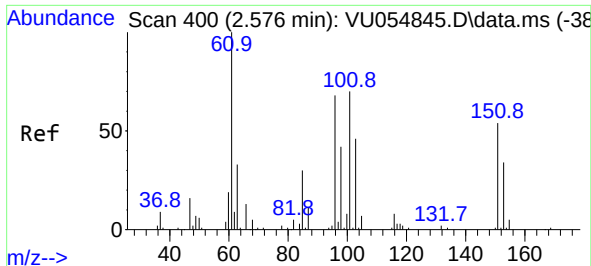
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.103 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

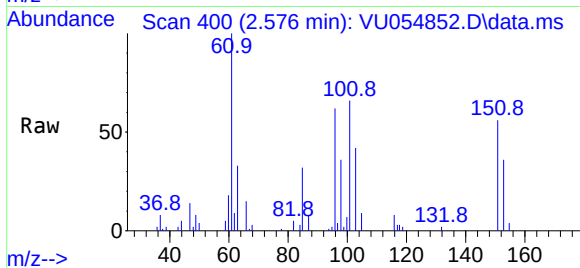
Tgt Ion:101 Resp: 11953
Ion Ratio Lower Upper
101 100
85 46.9 34.8 52.2
151 69.6 60.5 90.7





#9
1,1-Dichloroethene
Concen: 1.969 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

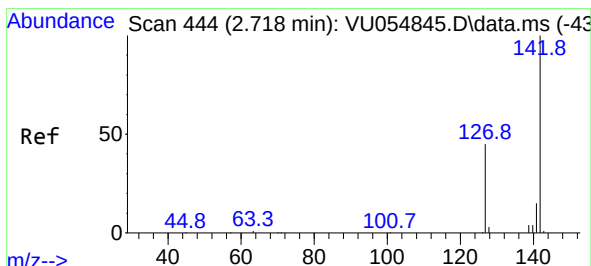
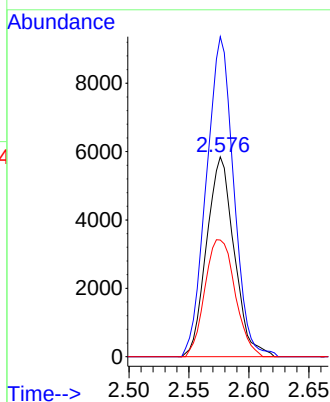
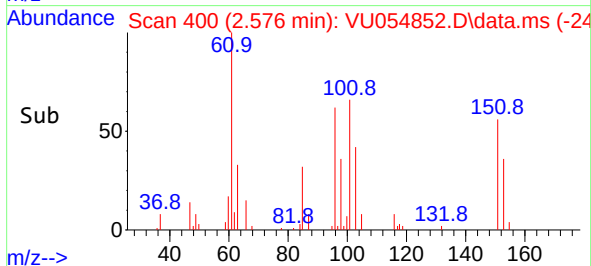
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



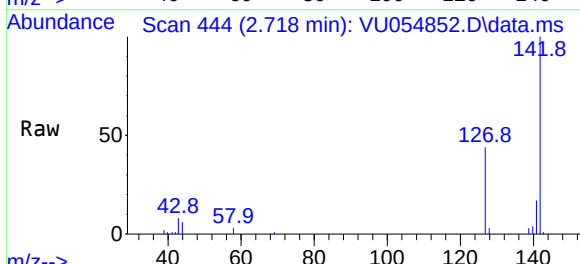
Tgt Ion: 96 Resp: 9345
Ion Ratio Lower Upper
96 100
61 151.6 0.0 440.1
98 55.2 0.0 121.8

Manual Integrations
APPROVED

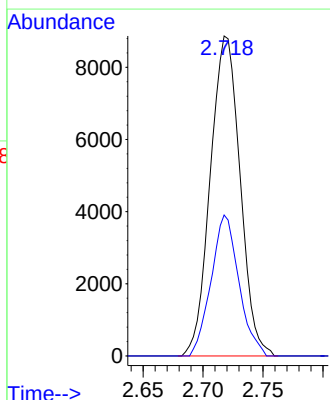
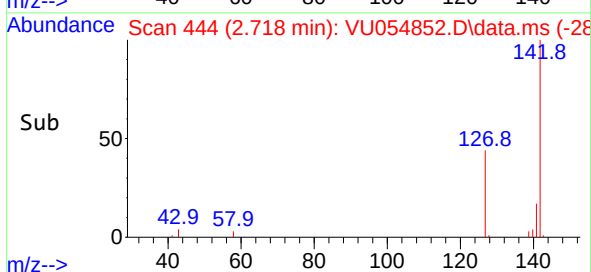
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

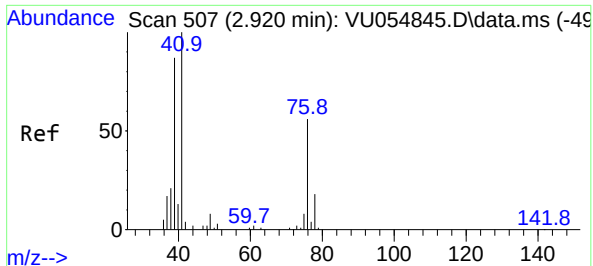


#10
Iodomethane
Concen: 2.002 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion:142 Resp: 15310
Ion Ratio Lower Upper
142 100
127 41.1 34.3 51.5





#11

Allyl Chloride

Concen: 2.065 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

Tgt Ion: 41 Resp: 1149

Ion Ratio Lower Upper

41 100

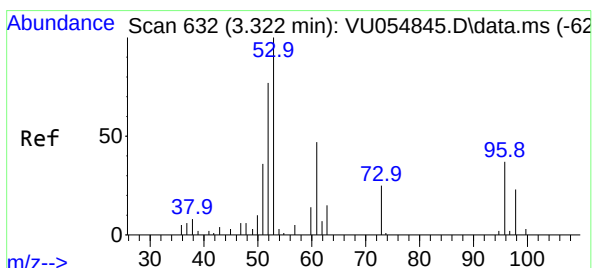
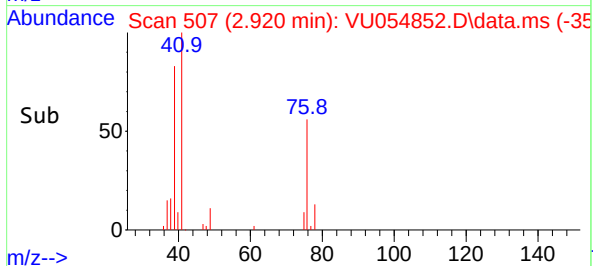
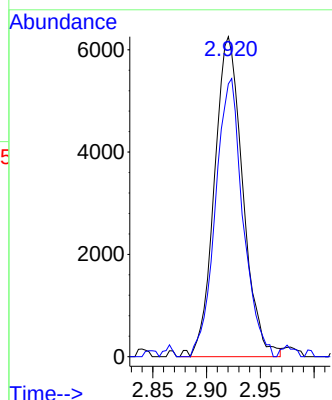
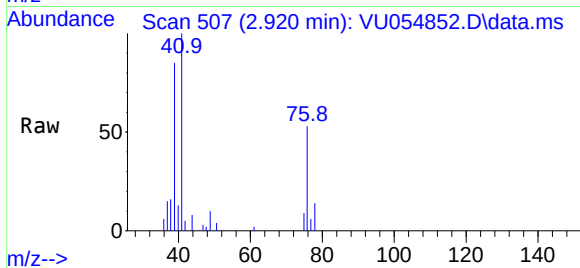
39 84.1 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

Acrylonitrile

Concen: 4.063 ug/l

RT: 3.332 min Scan# 635

Delta R.T. 0.010 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

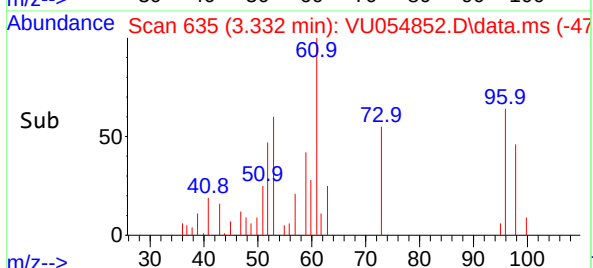
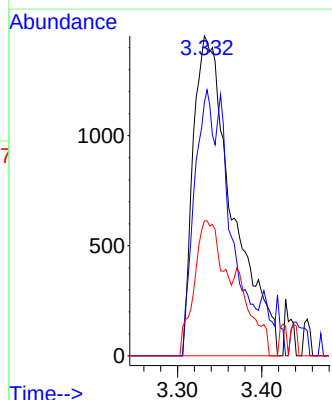
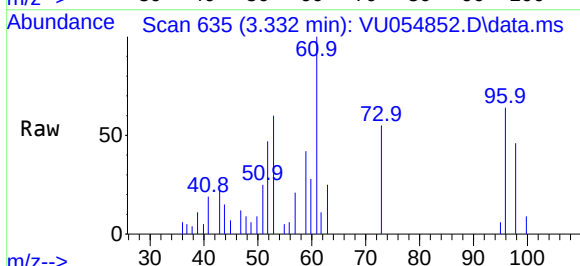
Tgt Ion: 53 Resp: 4692

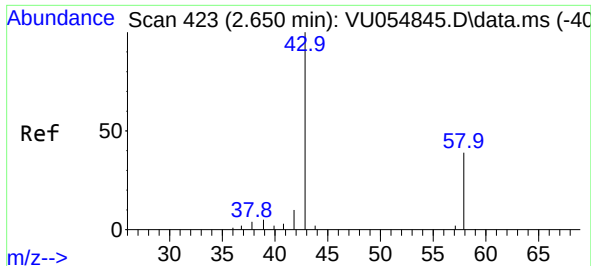
Ion Ratio Lower Upper

53 100

52 41.8 64.2 96.4#

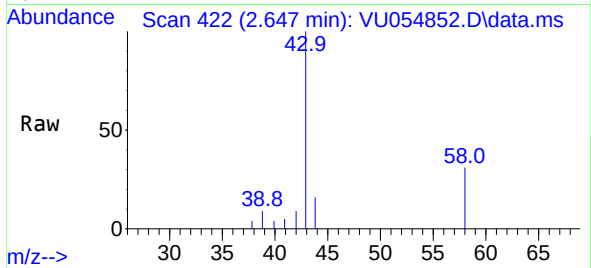
51 31.8 33.6 50.4#





#13
Acetone
Concen: 12.076 ug/l
RT: 2.647 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

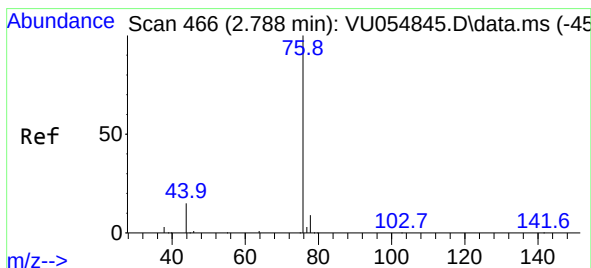
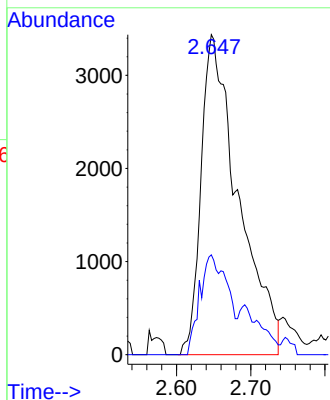
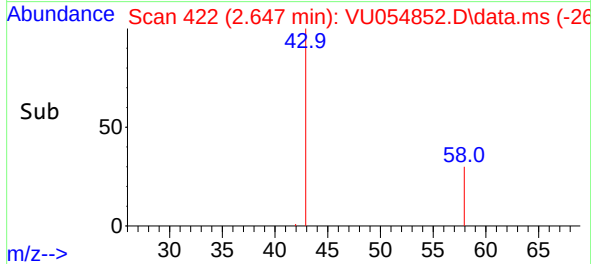
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion: 43 Resp: 11950
Ion Ratio Lower Upper
43 100
58 31.2 30.7 46.1

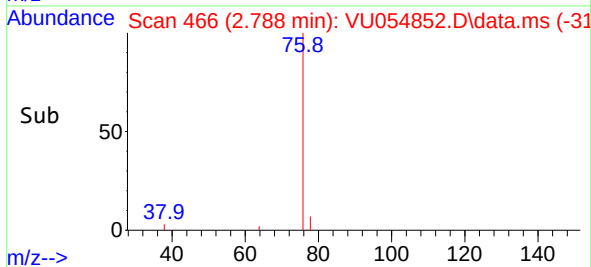
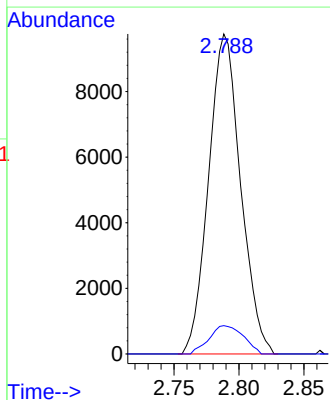
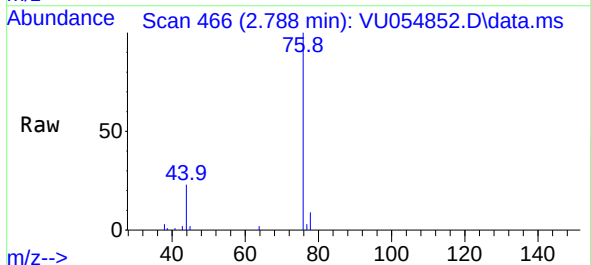
Manual Integrations
APPROVED

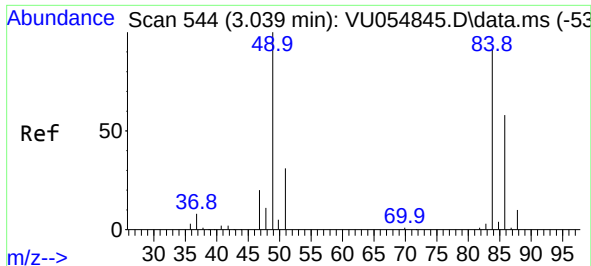
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 2.088 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion: 76 Resp: 16711
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





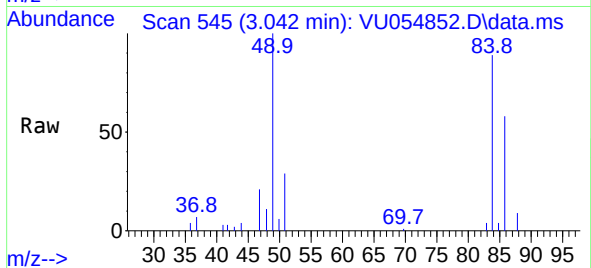
#15
Methylene Chloride
Concen: 1.656 ug/l
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

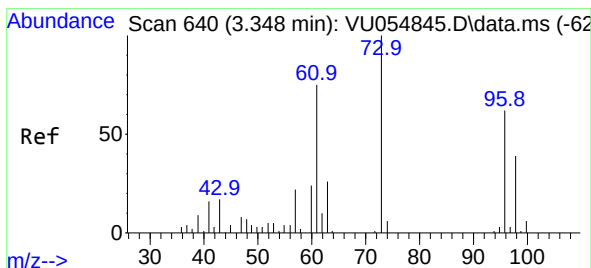
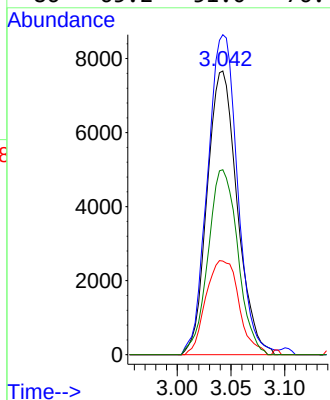
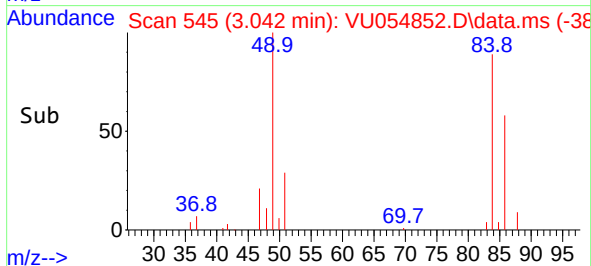


Tgt Ion: 84 Resp: 14910
Ion Ratio Lower Upper
84 100
49 112.8 87.8 131.6
51 33.0 0.0 68.2
86 65.2 51.0 76.4

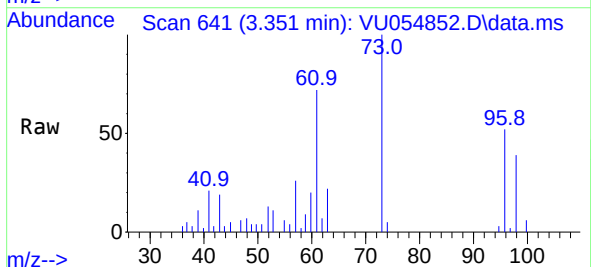
Manual Integrations

APPROVED

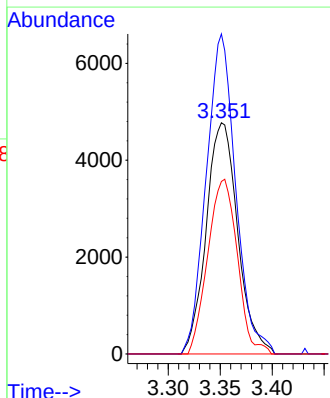
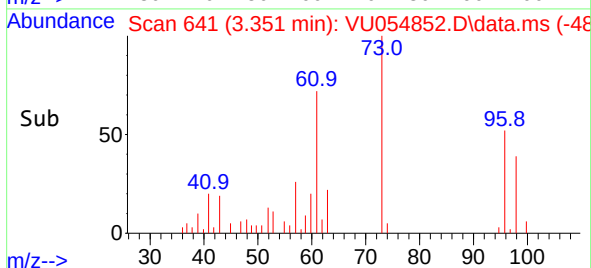
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

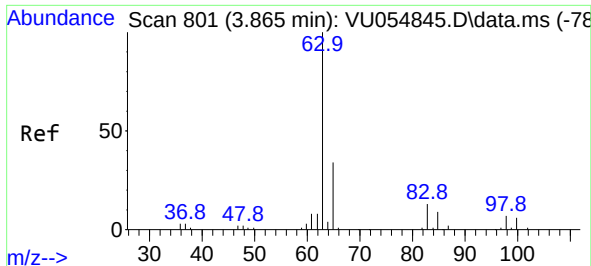


#16
trans-1,2-Dichloroethene
Concen: 1.911 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion: 96 Resp: 10079
Ion Ratio Lower Upper
96 100
61 138.4 96.4 144.6
98 74.6 49.3 73.9#





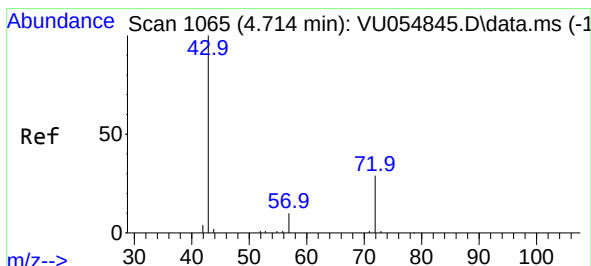
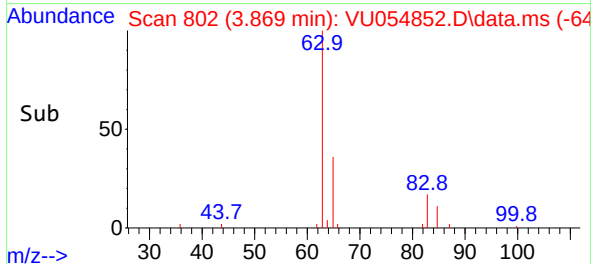
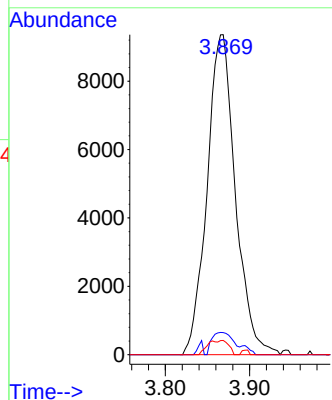
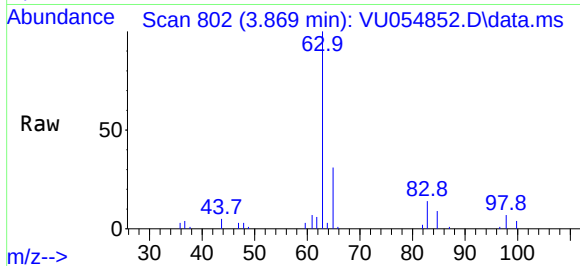
#17
1,1-Dichloroethane
Concen: 1.962 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 63 Resp: 2189
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.4 2.8 8.4

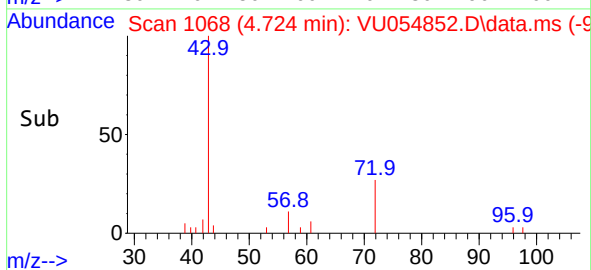
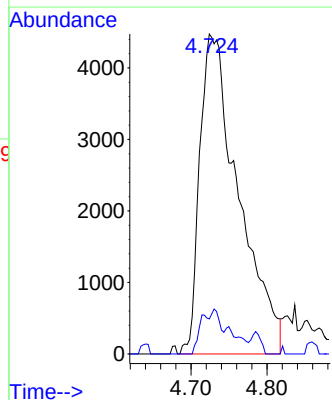
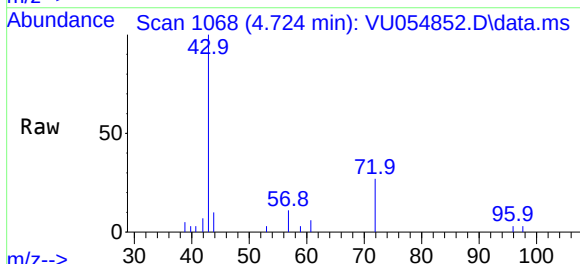
Manual Integrations
APPROVED

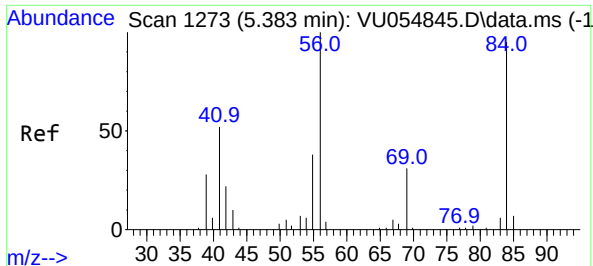
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 10.929 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion: 43 Resp: 15829
Ion Ratio Lower Upper
43 100
57 10.9 0.0 20.8





#19

Cyclohexane

Concen: 1.964 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

Tgt Ion: 56 Resp: 1269

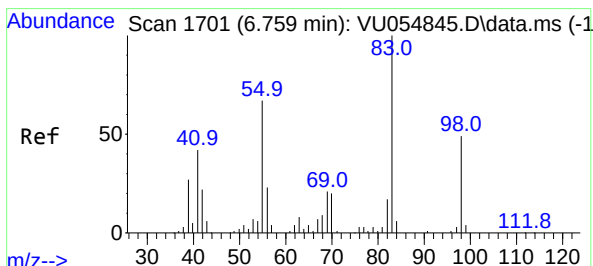
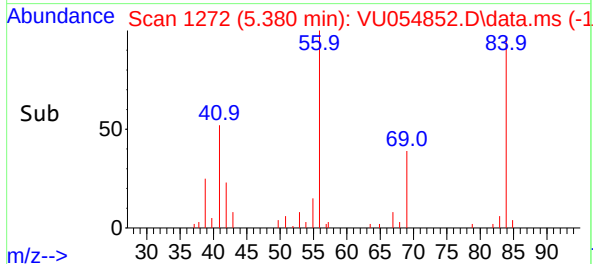
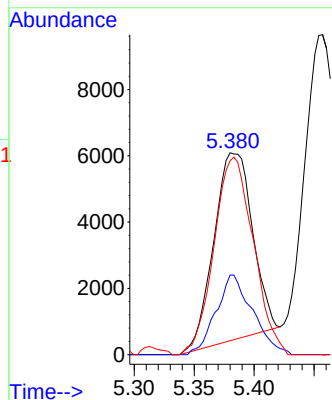
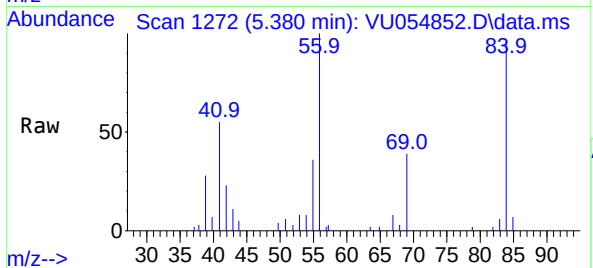
Ion	Ratio	Lower	Upper
56	100		
69	40.2	24.7	37.1
84	107.2	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 2.075 ug/l

RT: 6.759 min Scan# 1701

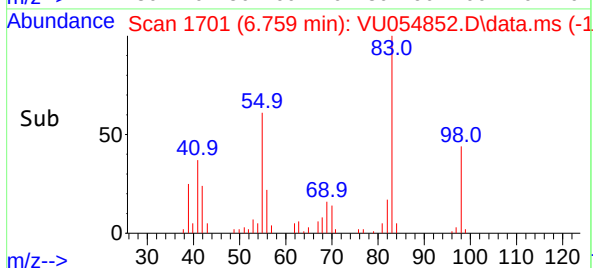
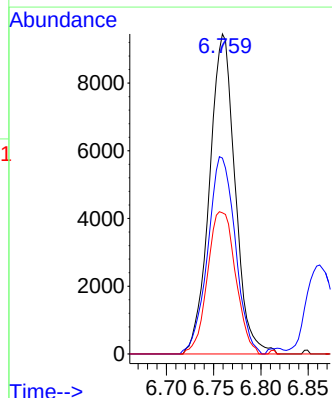
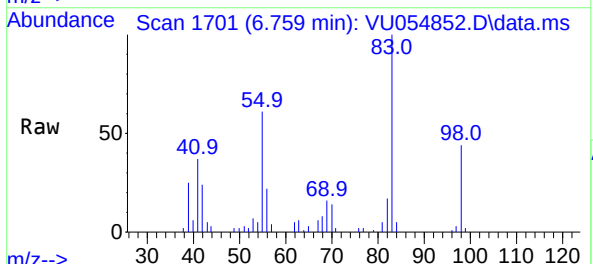
Delta R.T. 0.000 min

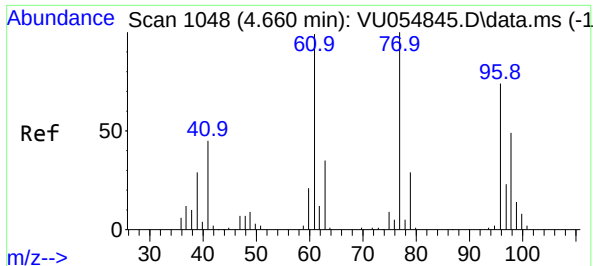
Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Tgt Ion: 83 Resp: 17808

Ion	Ratio	Lower	Upper
83	100		
55	66.2	51.6	77.4
98	48.7	38.2	57.2





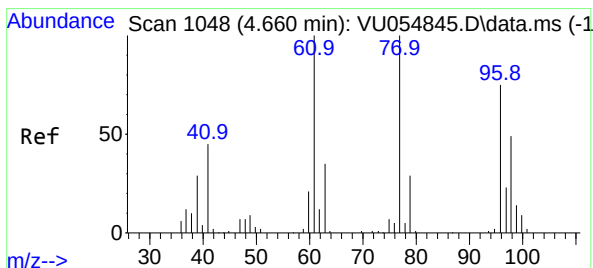
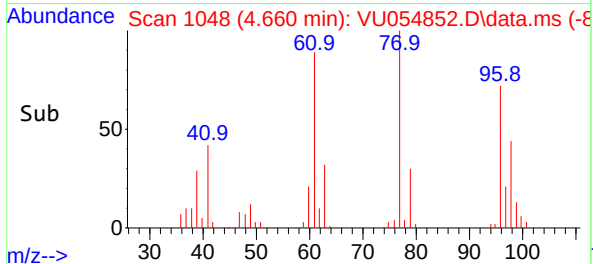
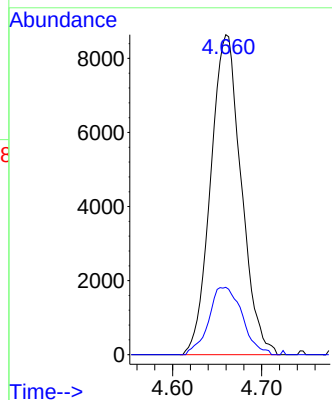
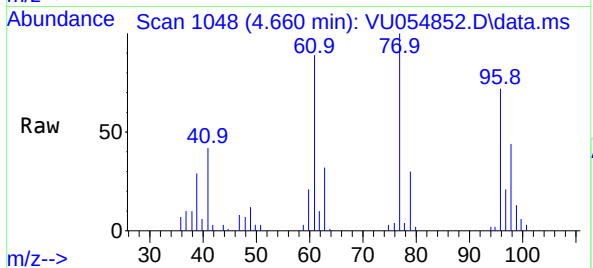
#21
2,2-Dichloropropane
Concen: 2.114 ug/l
RT: 4.660 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 77 Resp: 2058
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0

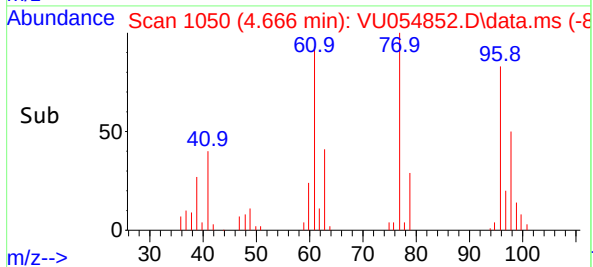
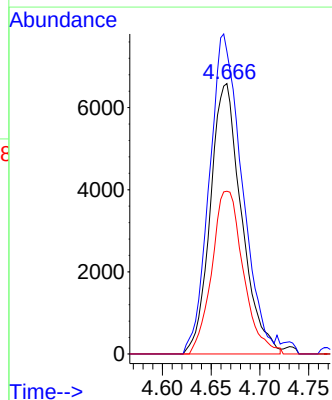
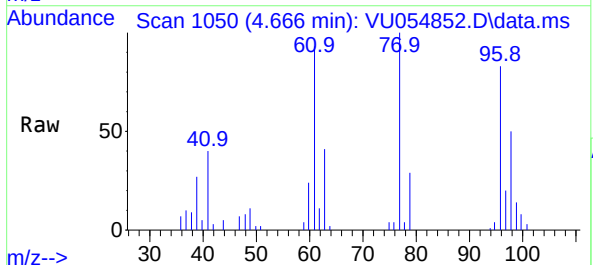
Manual Integrations
APPROVED

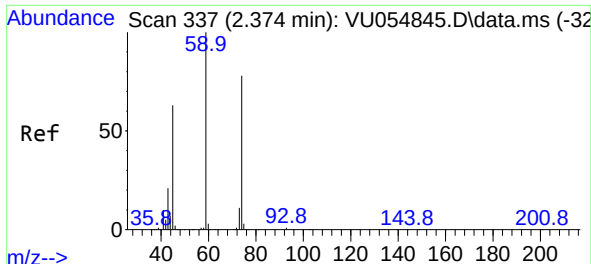
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 2.193 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

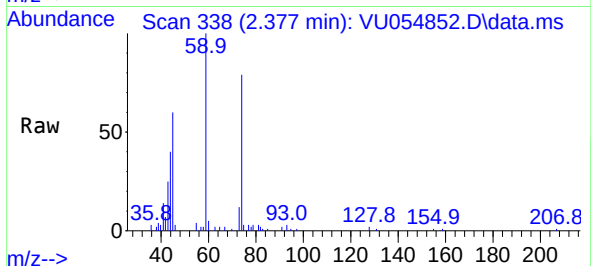
Tgt Ion: 96 Resp: 14644
Ion Ratio Lower Upper
96 100
61 124.0 0.0 332.0
98 60.6 32.5 97.5





#23
Diethyl Ether
Concen: 1.958 ug/l
RT: 2.377 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

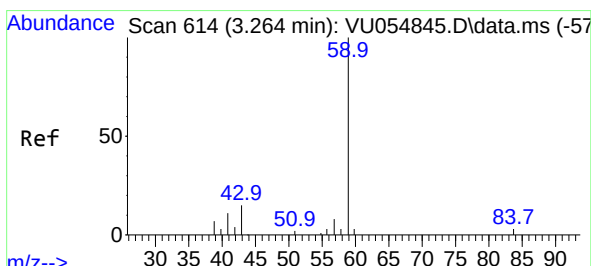
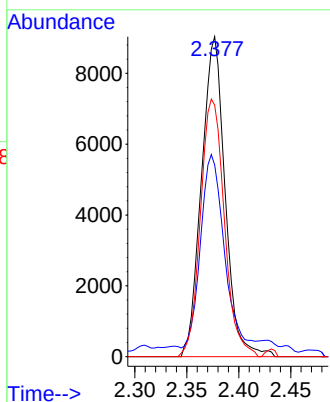
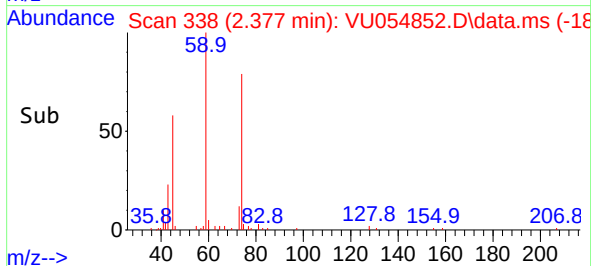
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion: 59 Resp: 14270
Ion Ratio Lower Upper
59 100
45 59.7 51.4 77.0
74 81.3 63.1 94.7

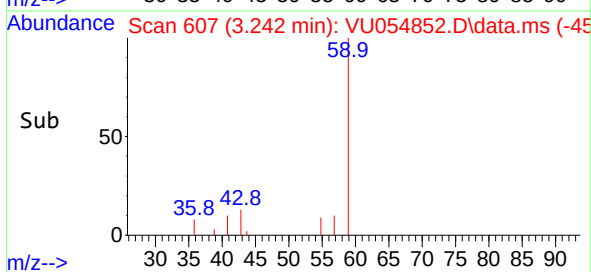
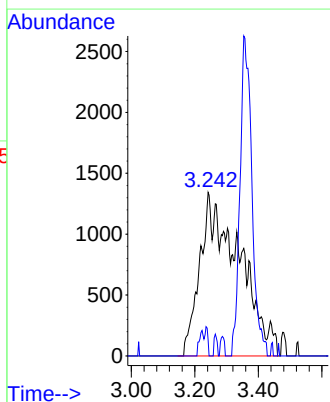
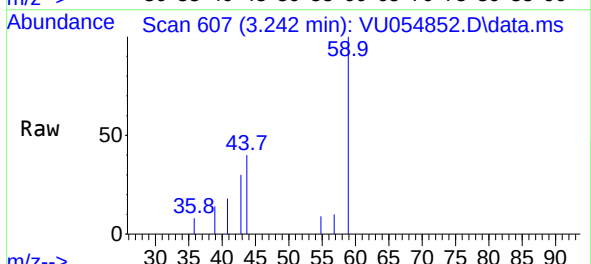
Manual Integrations
APPROVED

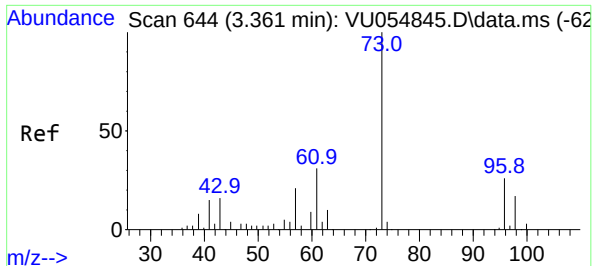
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 18.336 ug/l m
RT: 3.242 min Scan# 607
Delta R.T. -0.022 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

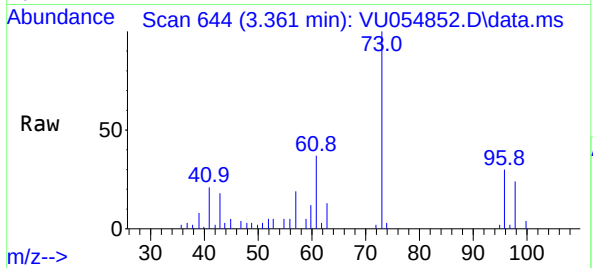
Tgt Ion: 59 Resp: 11519
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 2.097 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

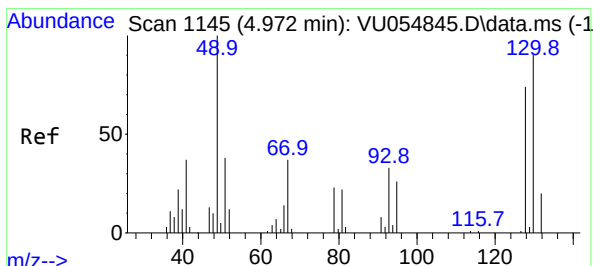
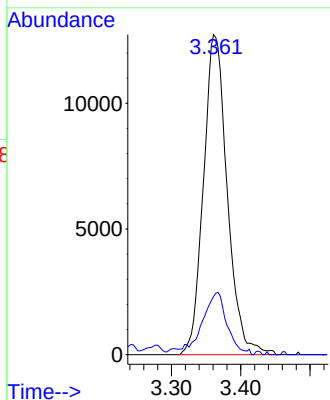
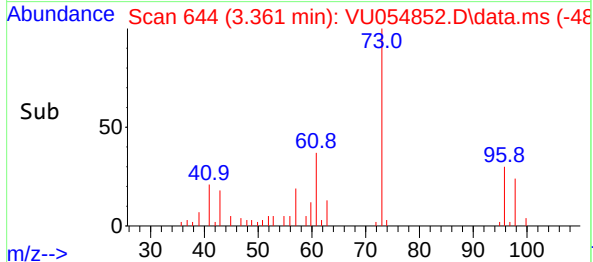
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



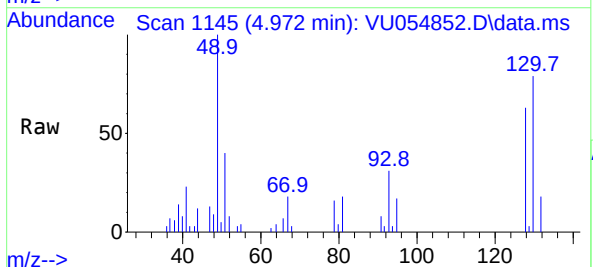
Tgt Ion: 73 Resp: 30369
Ion Ratio Lower Upper
73 100
43 20.3 14.6 22.0

Manual Integrations
APPROVED

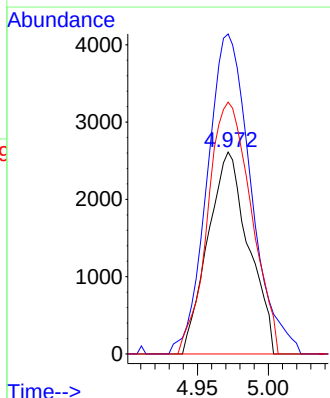
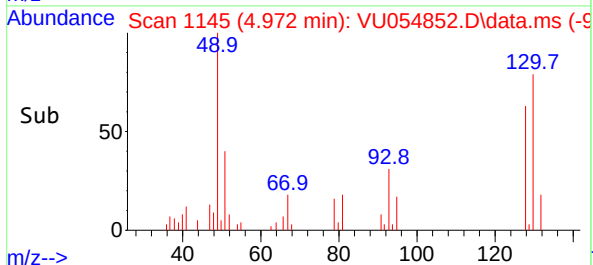
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

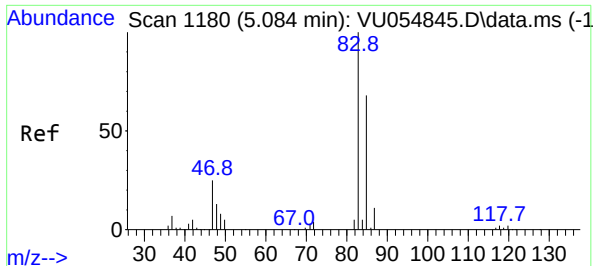


#26
Bromochloromethane
Concen: 2.047 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion:128 Resp: 5212
Ion Ratio Lower Upper
128 100
49 170.7 0.0 304.0
130 133.6 104.3 156.5





#27

Chloroform

Concen: 2.075 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

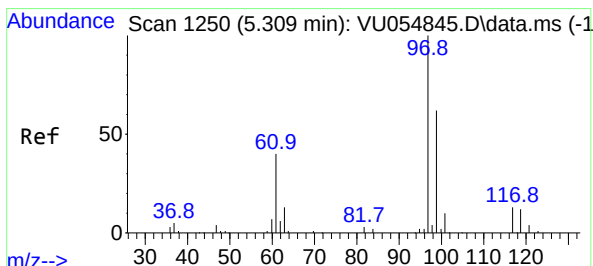
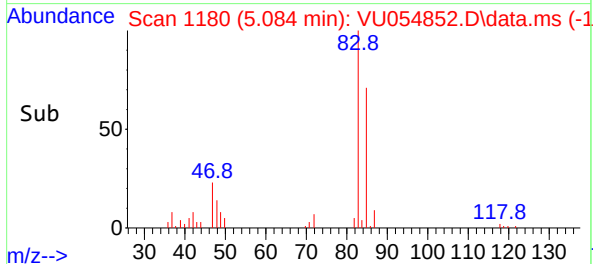
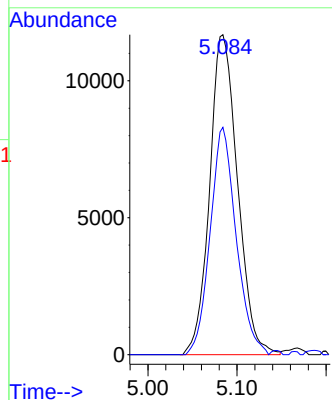
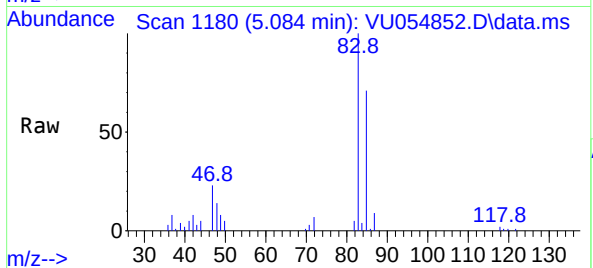
VU0724WBSD01

Tgt Ion: 83 Resp: 2544
 Ion Ratio Lower Upper
 83 100
 85 68.3 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: 2.067 ug/l

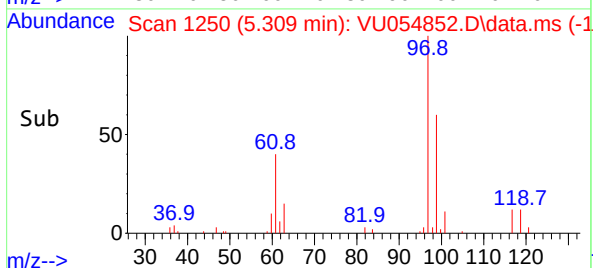
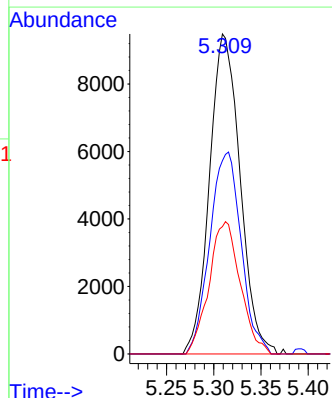
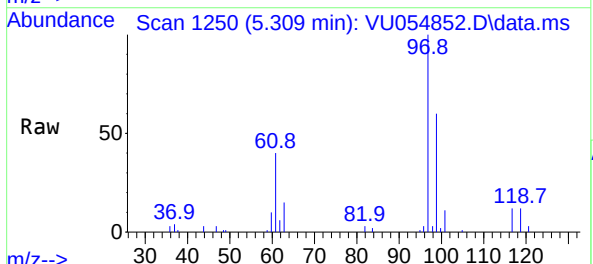
RT: 5.309 min Scan# 1250

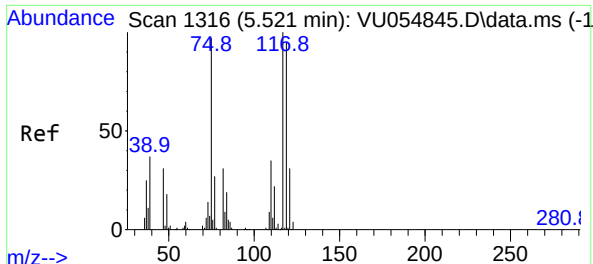
Delta R.T. 0.000 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Tgt Ion: 97 Resp: 21310
 Ion Ratio Lower Upper
 97 100
 99 64.7 32.0 96.2
 61 42.2 21.0 63.0





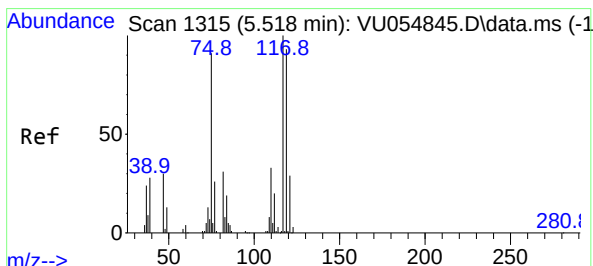
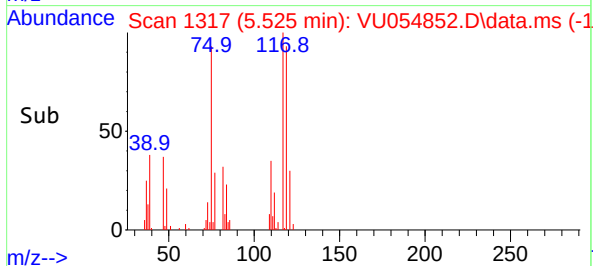
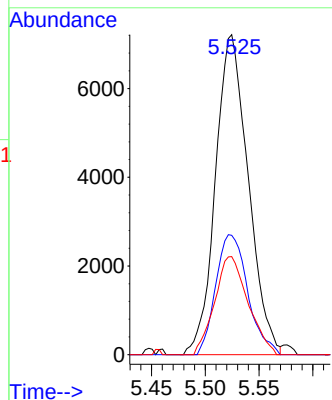
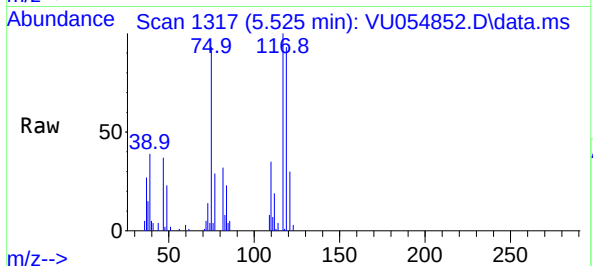
#29
1,1-Dichloropropene
Concen: 2.090 ug/l
RT: 5.525 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 75 Resp: 15320
Ion Ratio Lower Upper
75 100
110 36.6 18.5 55.5
77 31.2 24.9 37.3

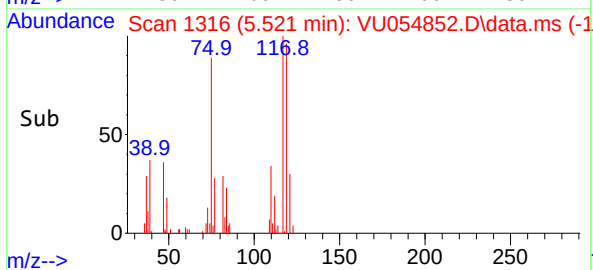
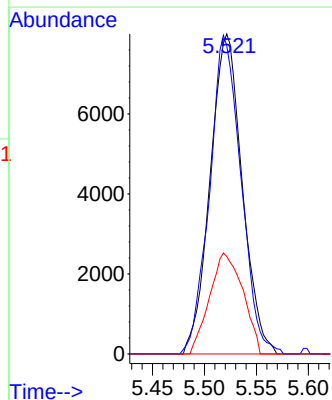
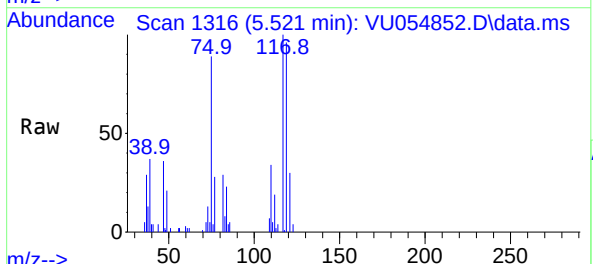
Manual Integrations
APPROVED

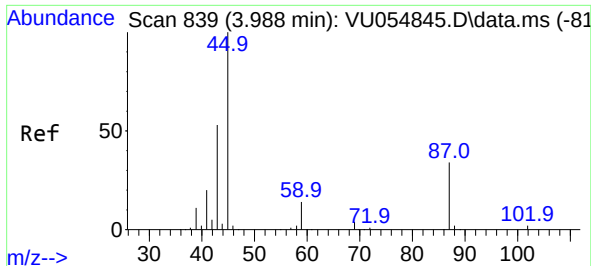
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Carbon Tetrachloride
Concen: 2.000 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

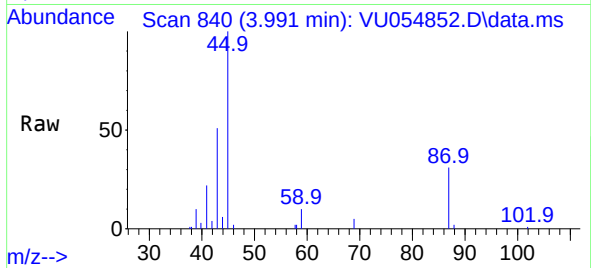
Tgt Ion:117 Resp: 17131
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
121 30.0 23.4 35.0





#31
Isopropyl Ether
Concen: 2.118 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

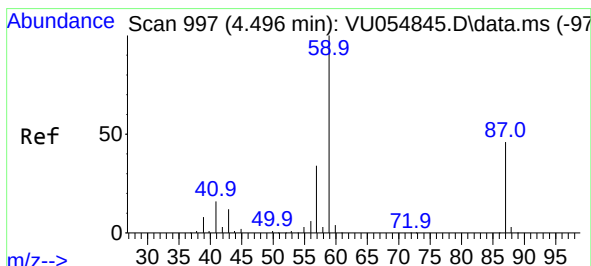
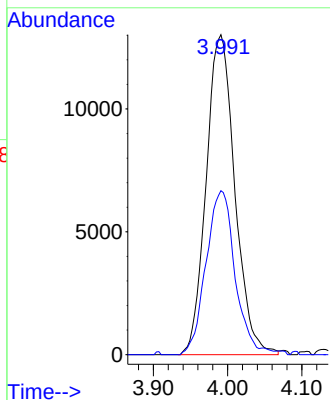
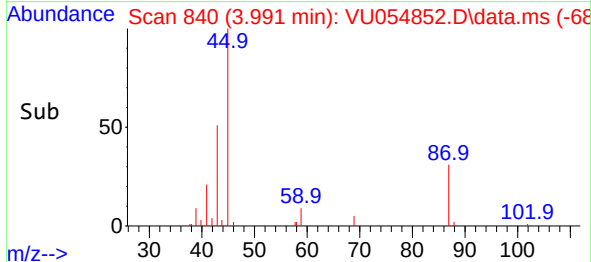
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



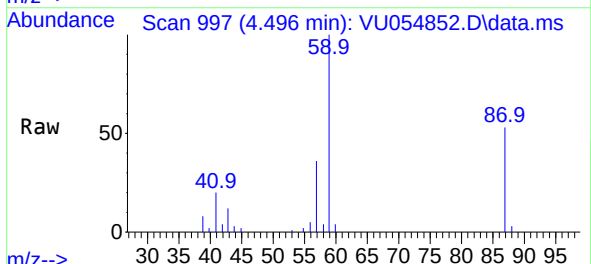
Tgt Ion: 45 Resp: 3498
Ion Ratio Lower Upper
45 100
43 51.9 26.4 79.2

Manual Integrations
APPROVED

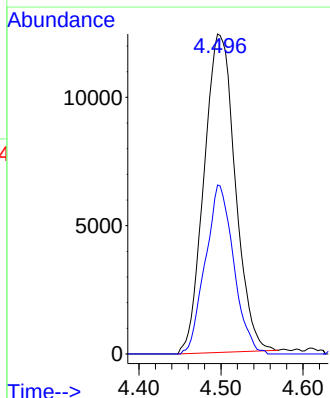
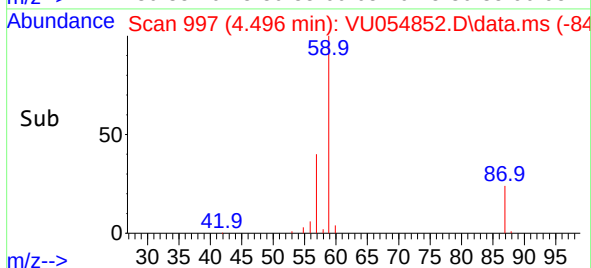
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

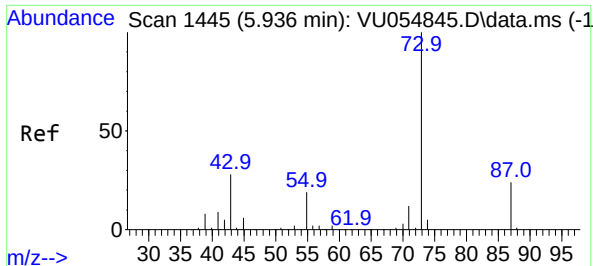


#32
Ethyl-t-butyl ether
Concen: 1.932 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion: 59 Resp: 32798
Ion Ratio Lower Upper
59 100
87 48.3 35.7 53.5





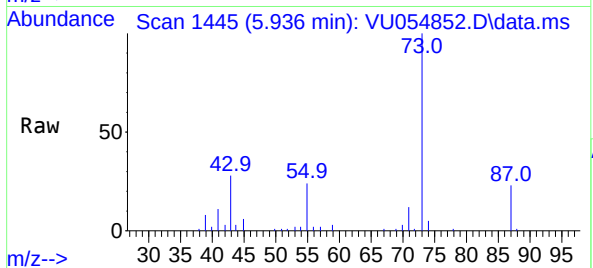
Tert-Amyl methyl ether
 Concen: 2.070 ug/l
 RT: 5.936 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: VU054852.D
 Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01



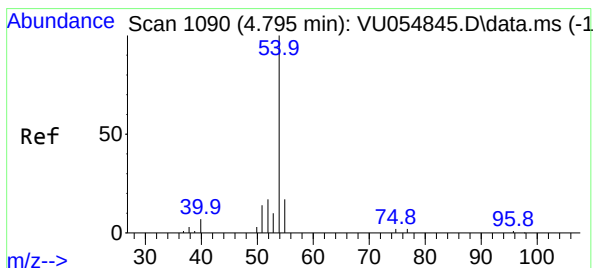
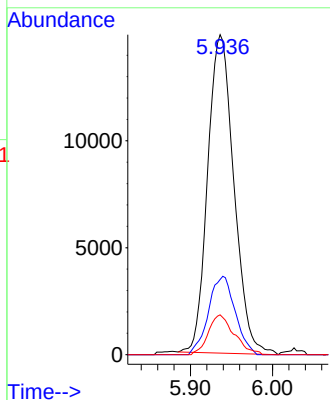
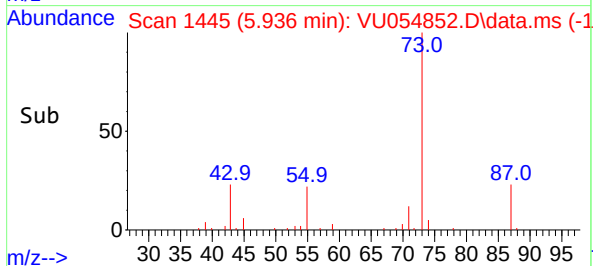
Tgt Ion: 73 Resp: 33060
 Ion Ratio Lower Upper
 73 100
 87 25.0 19.6 29.4
 71 12.3 9.1 13.7

Manual Integrations

APPROVED

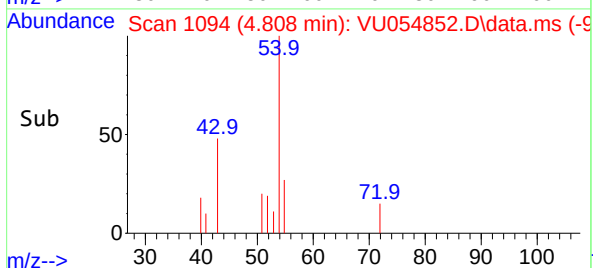
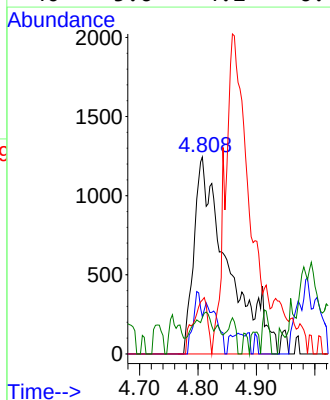
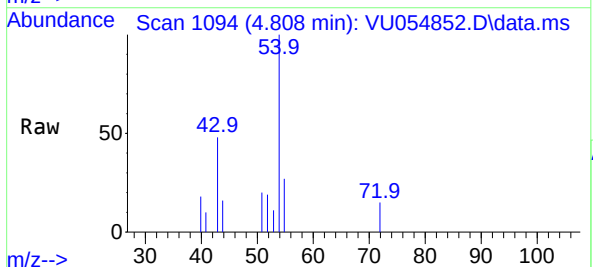
Reviewed By :John Carlone 07/25/2023

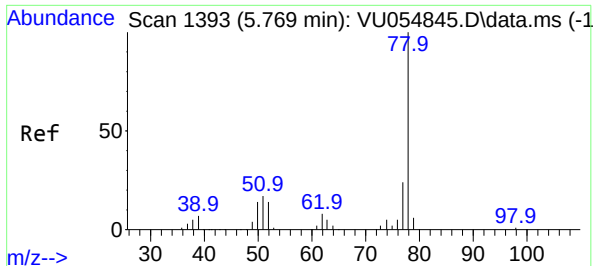
Supervised By :Mahesh Dadoda 07/31/2023



Propionitrile
 Concen: 11.511 ug/l m
 RT: 4.808 min Scan# 1094
 Delta R.T. 0.013 min
 Lab File: VU054852.D
 Acq: 24 Jul 2023 11:47

Tgt Ion: 54 Resp: 4987
 Ion Ratio Lower Upper
 54 100
 52 7.8 13.8 20.8#
 55 12.1 4.8 7.2#
 40 5.6 4.2 6.4





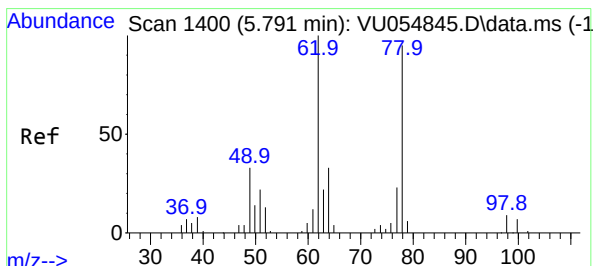
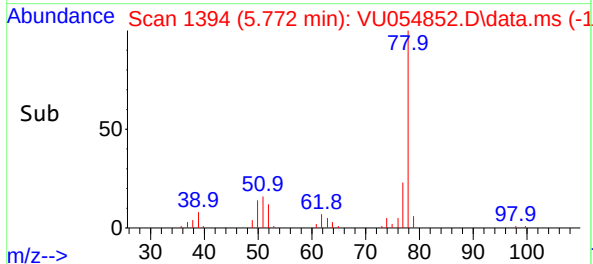
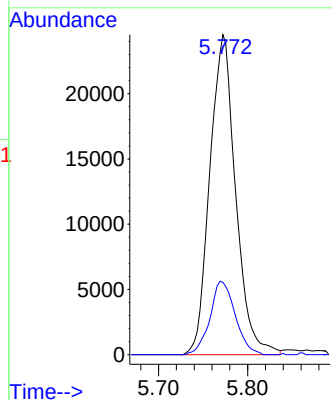
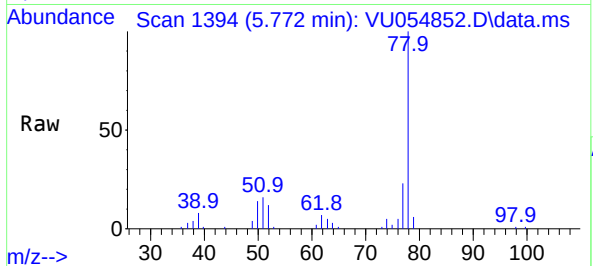
#35
Benzene
Concen: 2.073 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 78 Resp: 49378
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.2

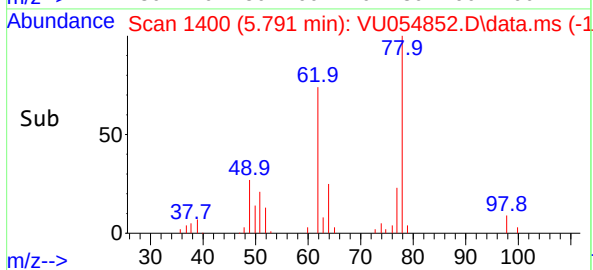
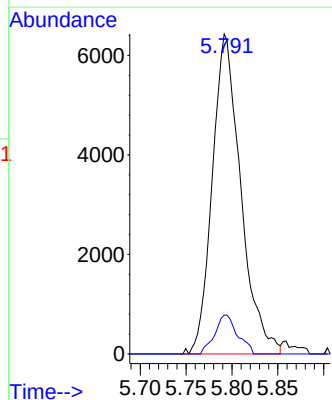
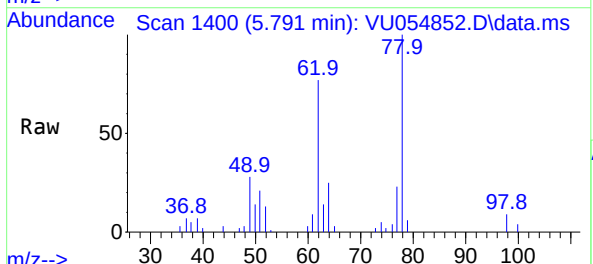
Manual Integrations
APPROVED

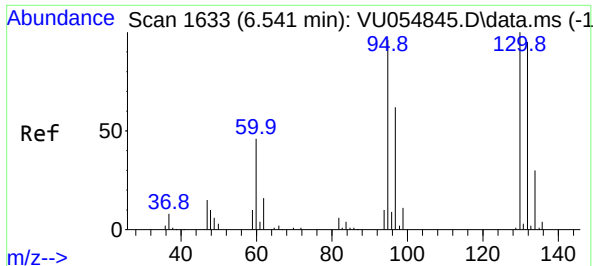
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 2.027 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

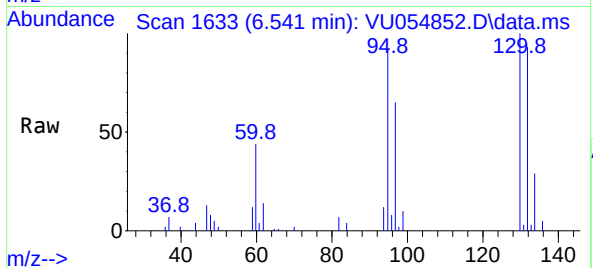
Tgt Ion: 62 Resp: 13873
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#37
Trichloroethene
Concen: 2.168 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

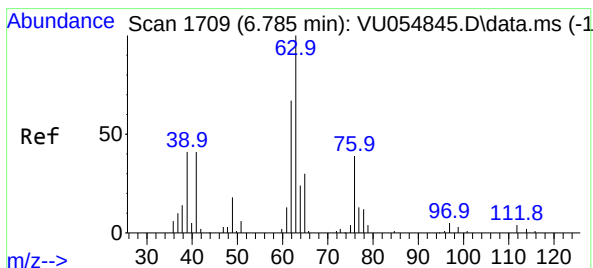
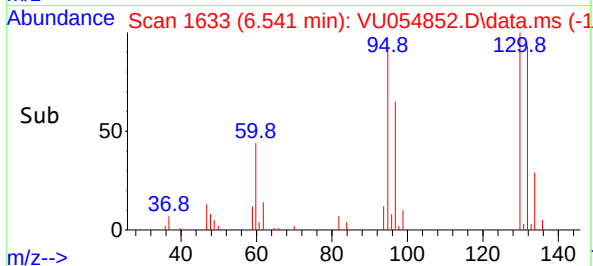
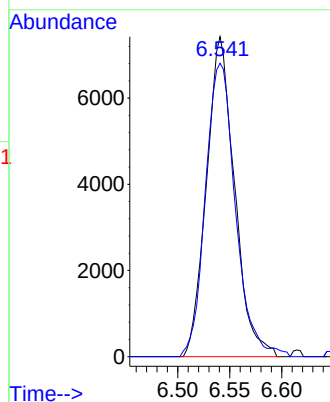
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion:130 Resp: 1396
Ion Ratio Lower Upper
130 100
95 91.7 76.8 115.2

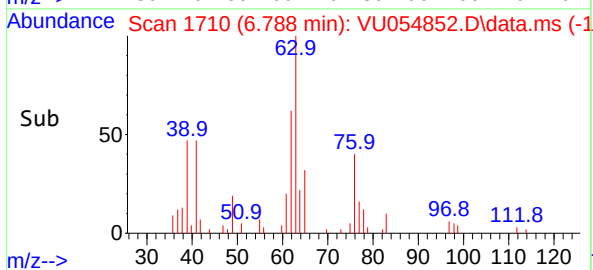
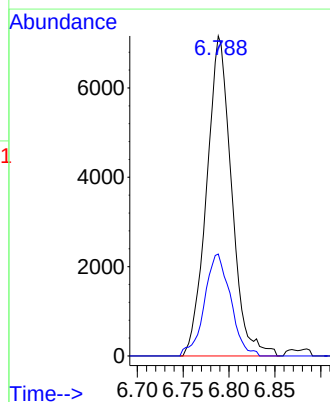
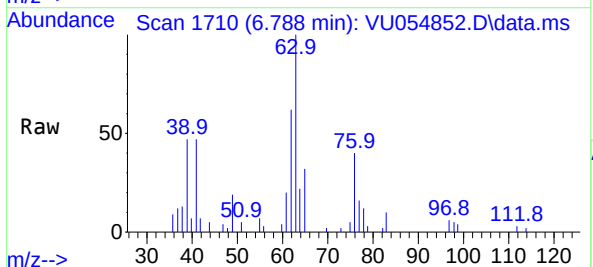
Manual Integrations
APPROVED

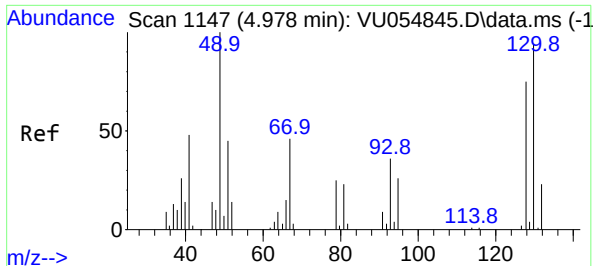
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 1.972 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

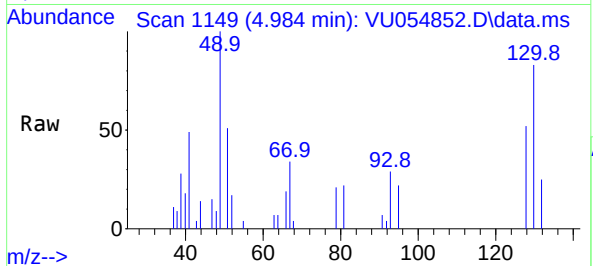
Tgt Ion: 63 Resp: 13562
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5





#39
Methacrylonitrile
Concen: 2.164 ug/l
RT: 4.984 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

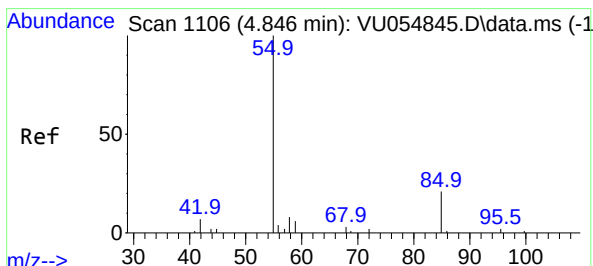
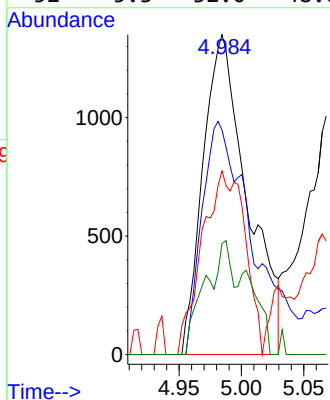
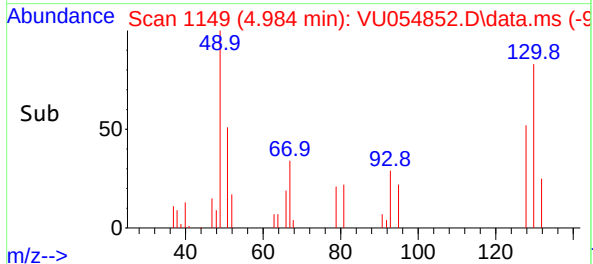
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



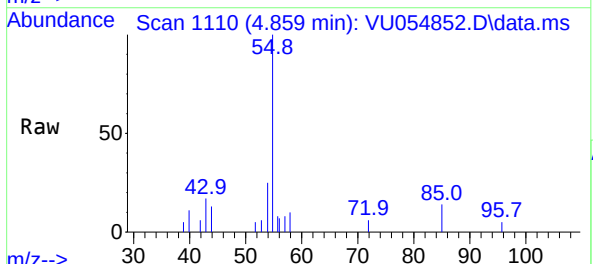
Tgt Ion: 41 Resp: 3338
Ion Ratio Lower Upper
41 100
67 83.3 77.0 115.4
39 55.4 50.4 75.6
52 5.3 32.0 48.0#

Manual Integrations
APPROVED

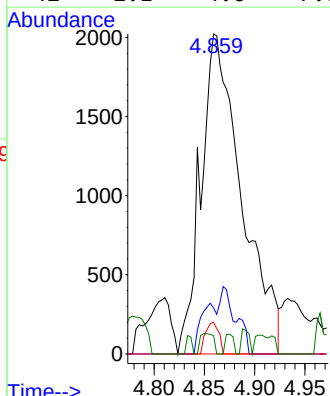
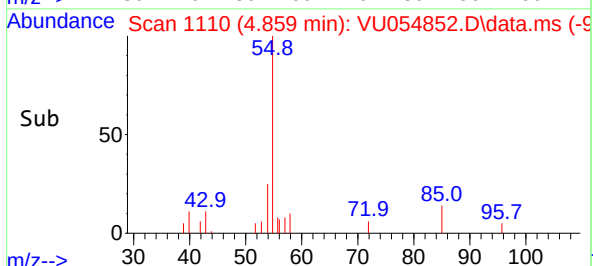
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

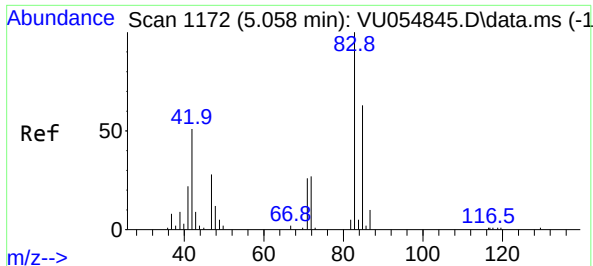


#40
Methyl acrylate
Concen: 2.163 ug/l
RT: 4.859 min Scan# 1110
Delta R.T. 0.013 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



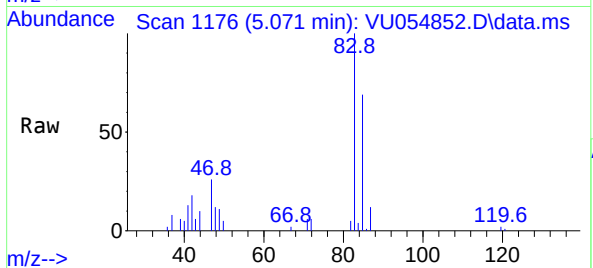
Tgt Ion: 55 Resp: 5693
Ion Ratio Lower Upper
55 100
85 0.0 13.0 19.6#
58 3.2 5.7 8.5#
42 2.1 4.6 7.0#





#41
Tetrahydrofuran
Concen: 4.415 ug/l m
RT: 5.071 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

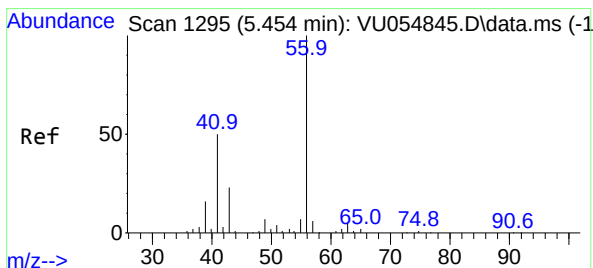
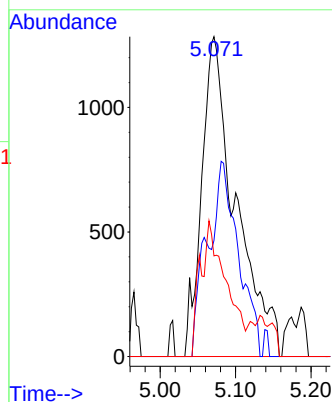
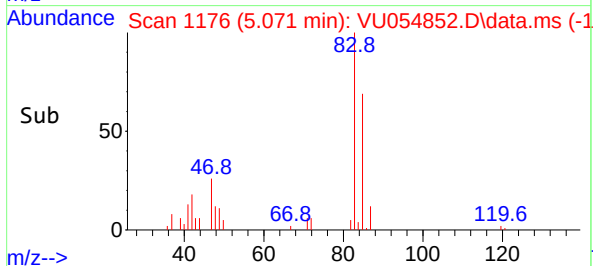
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



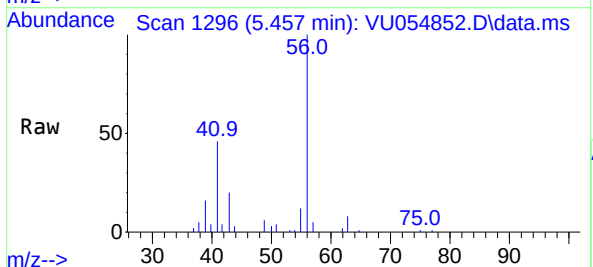
Tgt Ion: 42 Resp: 4024
Ion Ratio Lower Upper
42 100
72 41.0 42.1 63.1
71 0.0 39.7 59.5

Manual Integrations
APPROVED

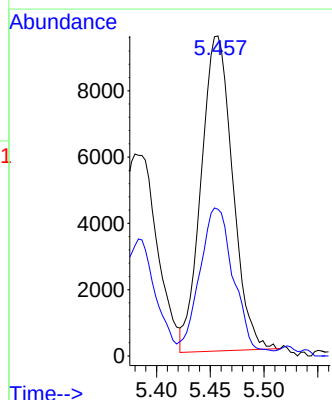
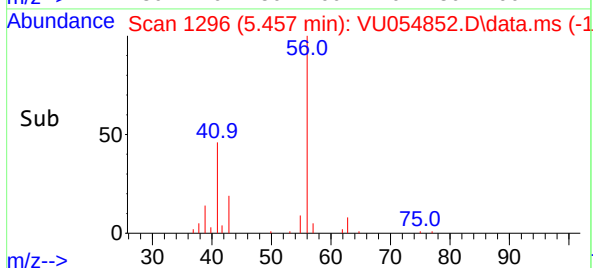
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

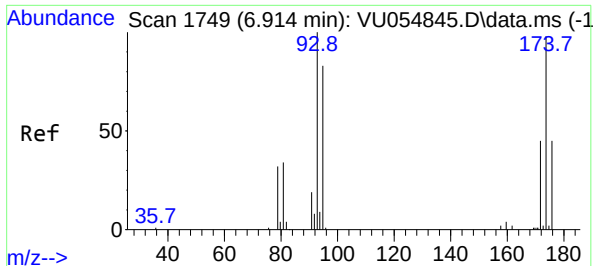


#42
1-Chlorobutane
Concen: 1.954 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



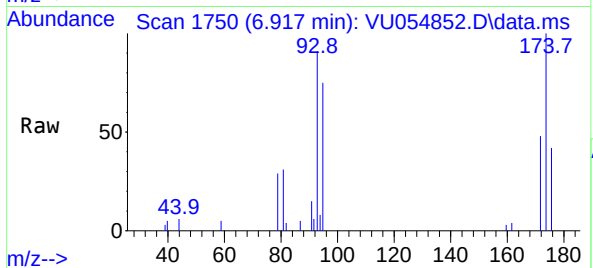
Tgt Ion: 56 Resp: 19382
Ion Ratio Lower Upper
56 100
41 48.6 23.9 71.7





#43
Dibromomethane
Concen: 2.024 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

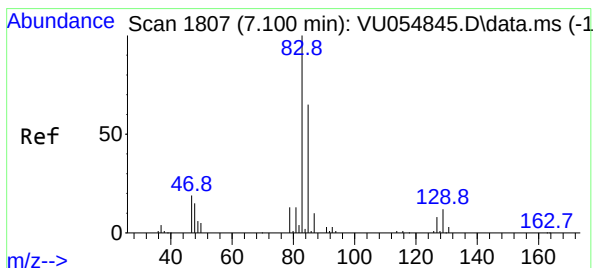
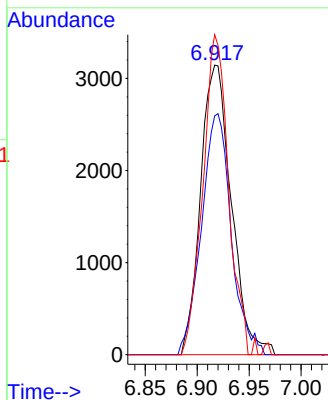
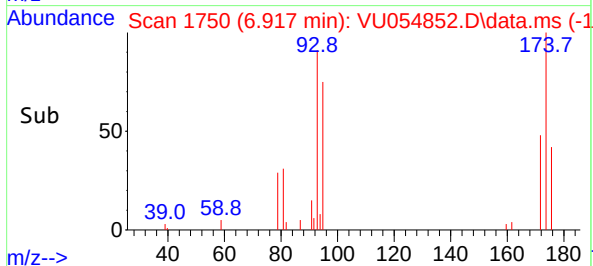
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



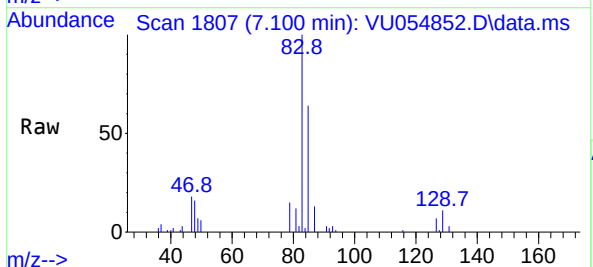
Tgt Ion: 93 Resp: 6470
Ion Ratio Lower Upper
93 100
95 80.1 64.7 97.1
174 91.9 74.4 111.6

Manual Integrations
APPROVED

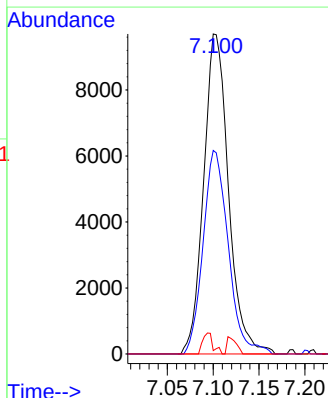
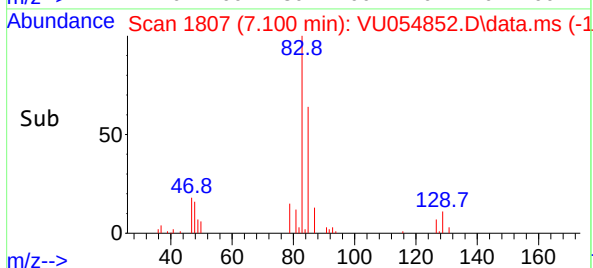
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

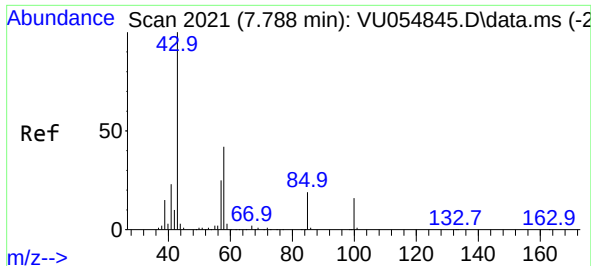


#44
Bromodichloromethane
Concen: 2.091 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion: 83 Resp: 18324
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 1.0 6.1 9.1#





#45

4-Methyl-2-Pentanone

Concen: 10.246 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

Tgt Ion: 43 Resp: 3879

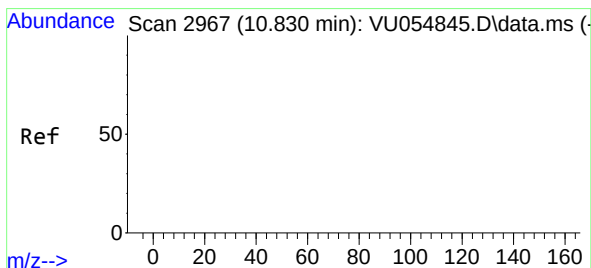
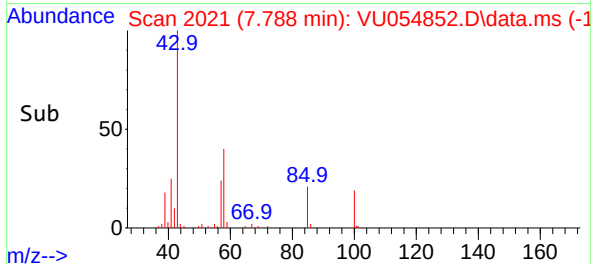
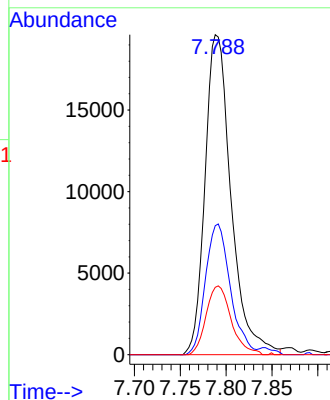
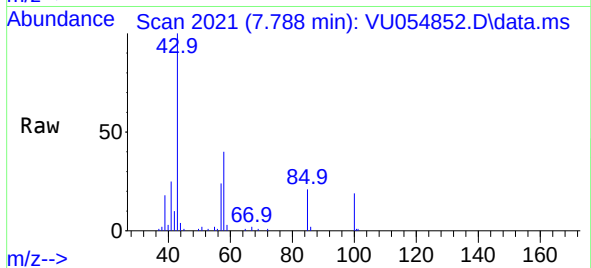
Ion	Ratio	Lower	Upper
43	100		
58	39.0	21.3	63.7
85	20.7	15.3	22.9

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: 4.772 ug/l m

RT: 10.827 min Scan# 2966

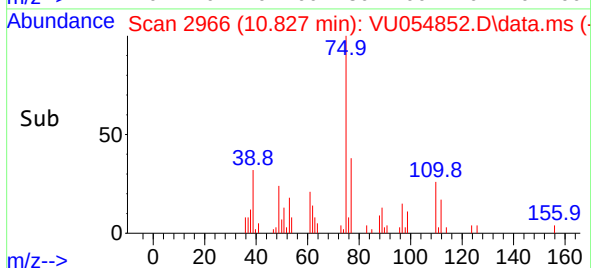
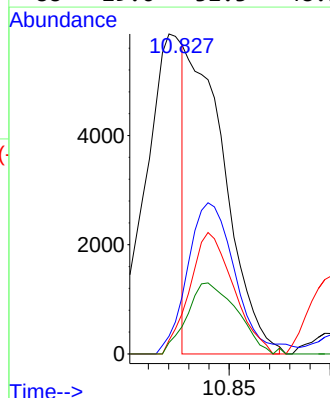
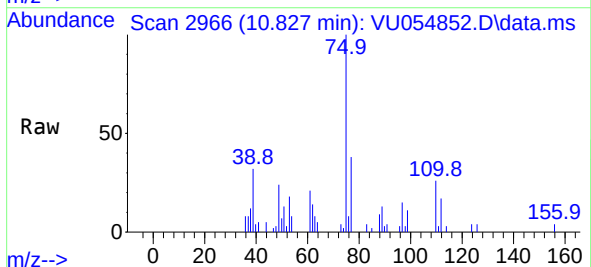
Delta R.T. -0.003 min

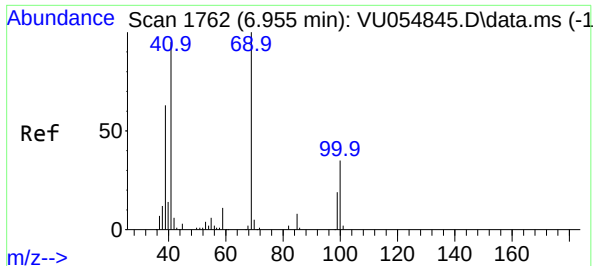
Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Tgt Ion: 75 Resp: 7564

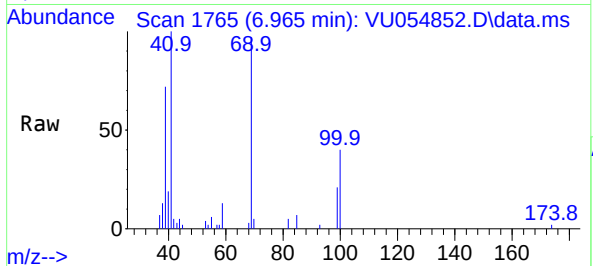
Ion	Ratio	Lower	Upper
75	100		
53	60.5	62.9	94.3#
89	44.4	47.8	71.8#
88	29.6	32.3	48.5#





#47
Methyl methacrylate
Concen: 4.208 ug/l
RT: 6.965 min Scan# 1762
Delta R.T. 0.010 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

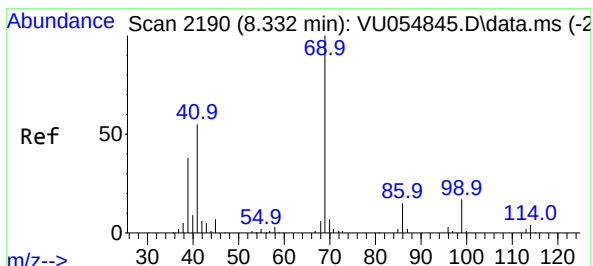
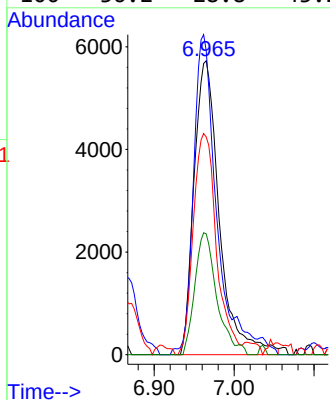
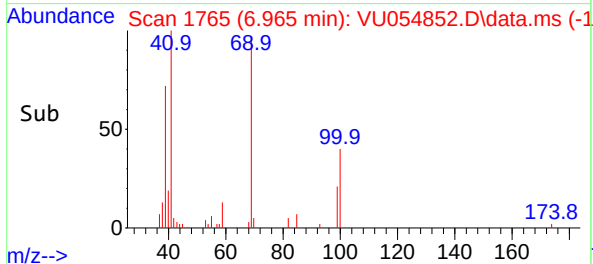
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion: 69 Resp: 1264
Ion Ratio Lower Upper
69 100
41 98.5 0.0 193.0
39 68.7 50.4 75.6
100 36.2 28.8 43.2

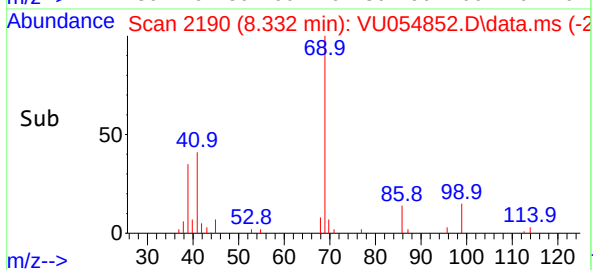
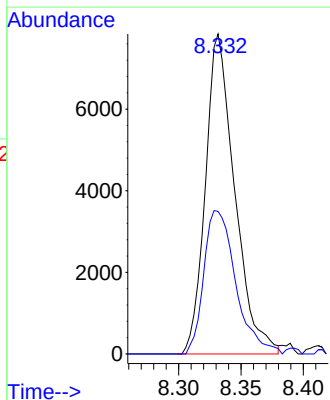
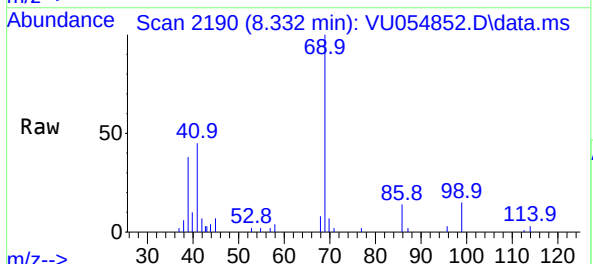
Manual Integrations
APPROVED

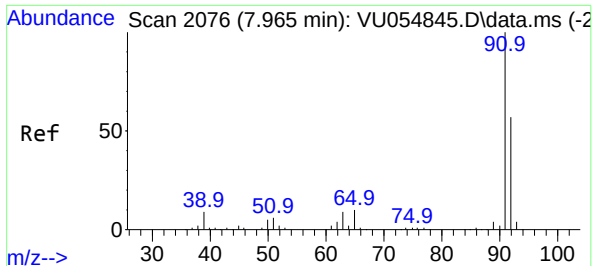
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Ethyl methacrylate
Concen: 2.103 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

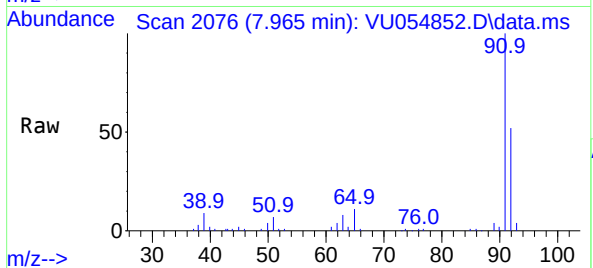
Tgt Ion: 69 Resp: 12839
Ion Ratio Lower Upper
69 100
41 48.8 28.8 86.5





#49
Toluene
Concen: 2.030 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

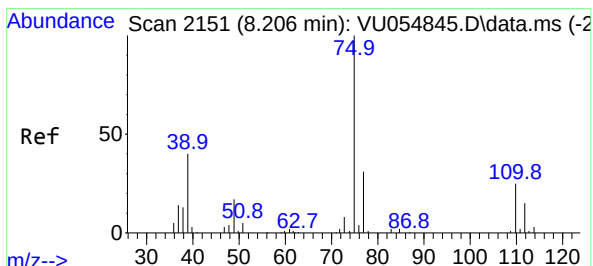
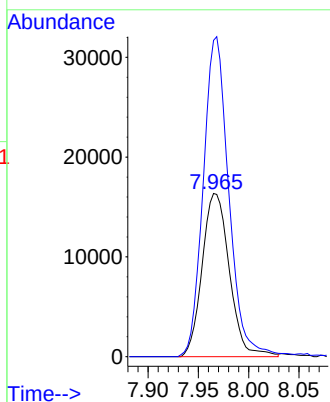
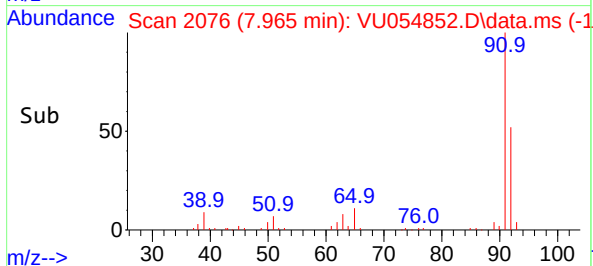
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



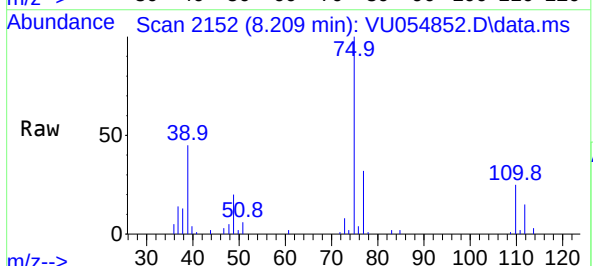
Tgt Ion: 92 Resp: 3086
Ion Ratio Lower Upper
92 100
91 184.1 142.9 214.3

Manual Integrations
APPROVED

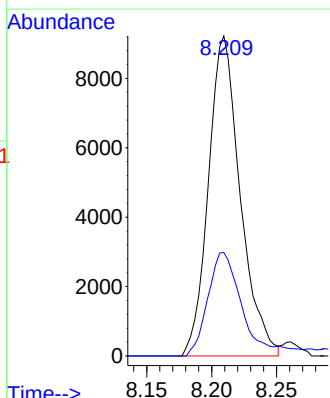
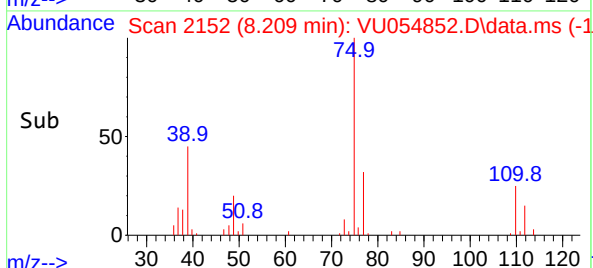
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

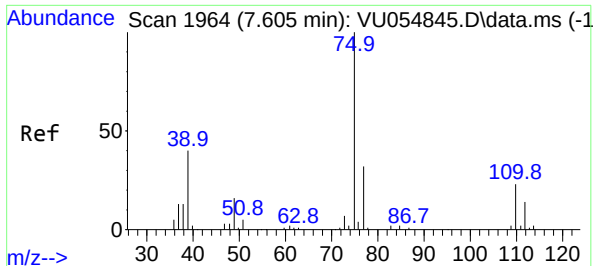


#50
t-1,3-Dichloropropene
Concen: 2.020 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



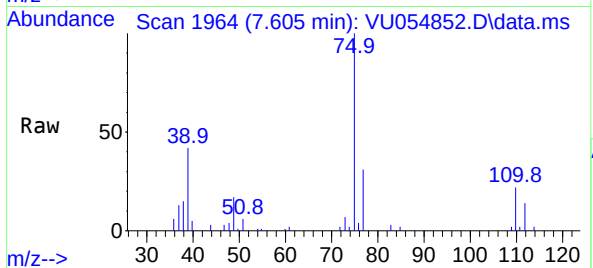
Tgt Ion: 75 Resp: 15695
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 2.025 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054852.D
 Acq: 24 Jul 2023 11:47

Instrument : MSVOA_U
 ClientSampleId : VU0724WBSD01

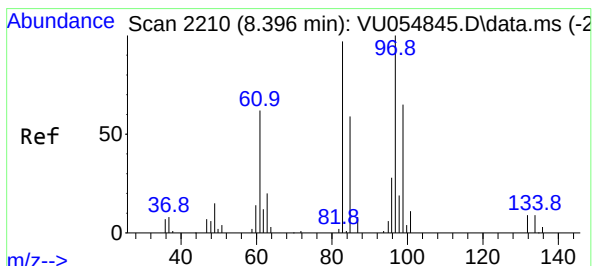
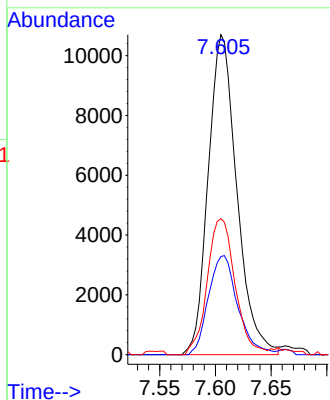
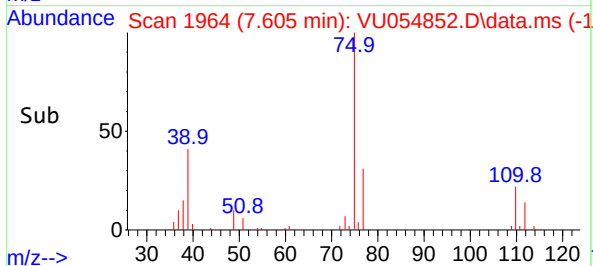


Tgt Ion: 75 Resp: 19134

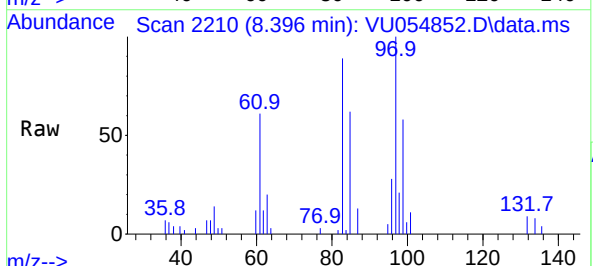
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.8
39	42.5	31.7	47.5

Manual Integrations
 APPROVED

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

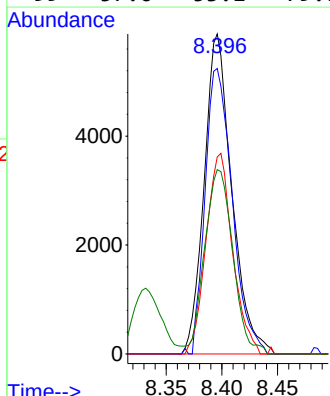
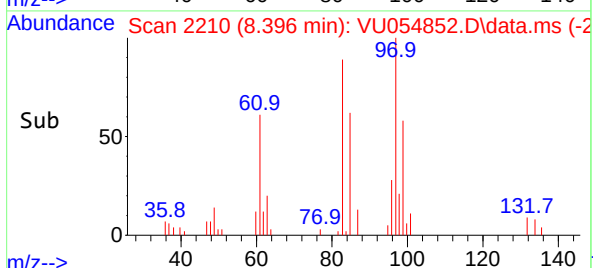


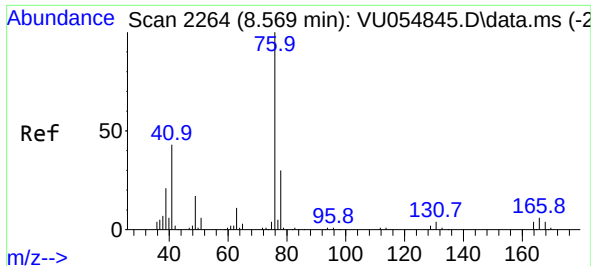
#52
 1,1,2-Trichloroethane
 Concen: 2.106 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054852.D
 Acq: 24 Jul 2023 11:47



Tgt Ion: 97 Resp: 10166

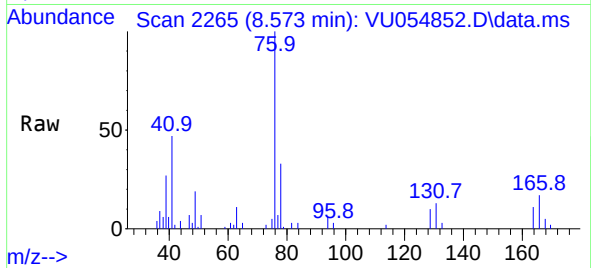
Ion	Ratio	Lower	Upper
97	100		
83	89.2	77.4	116.2
85	61.6	47.8	71.8
99	57.6	53.1	79.7





#53
1,3-Dichloropropane
Concen: 2.046 ug/l
RT: 8.573 min Scan# 2164
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

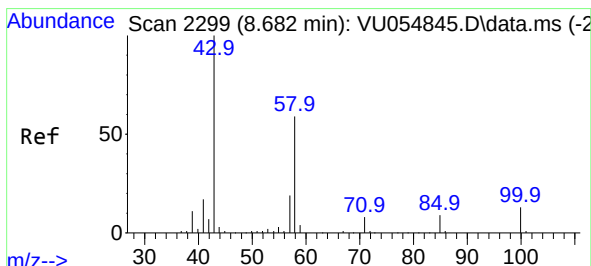
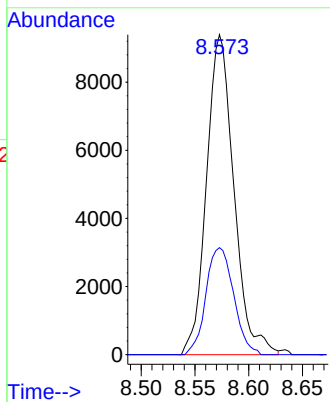
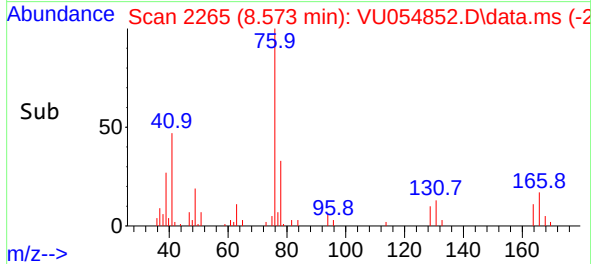
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



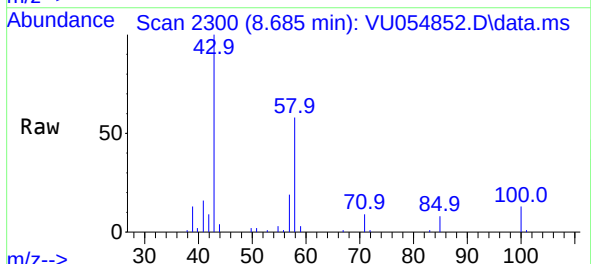
Tgt Ion: 76 Resp: 1664
Ion Ratio Lower Upper
76 100
78 33.9 24.6 36.8

Manual Integrations
APPROVED

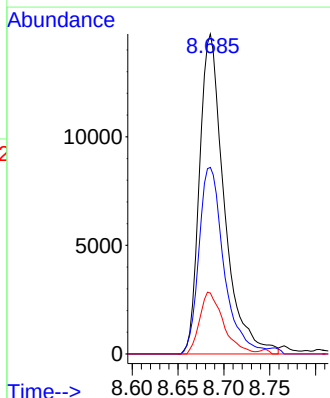
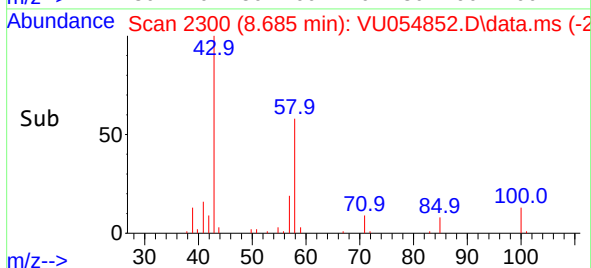
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

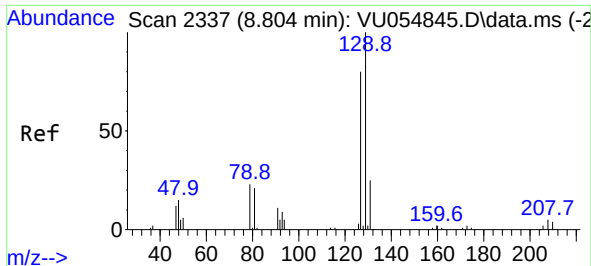


#54
2-Hexanone
Concen: 10.424 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



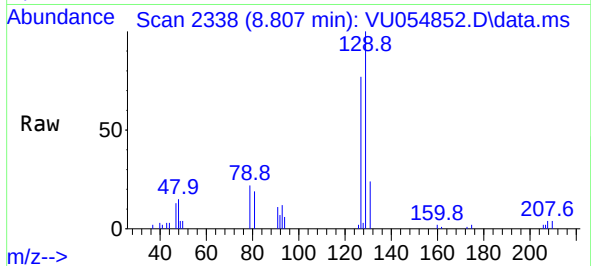
Tgt Ion: 43 Resp: 27517
Ion Ratio Lower Upper
43 100
58 59.1 38.9 78.9
57 18.6 0.0 38.7





#55
Dibromochloromethane
Concen: 2.099 ug/l
RT: 8.807 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

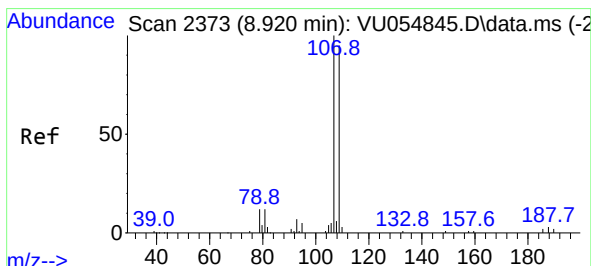
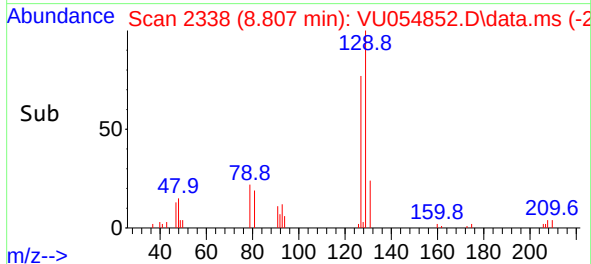
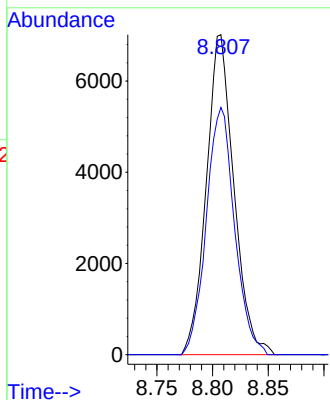
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



Tgt Ion:129 Resp: 1210
Ion Ratio Lower Upper
129 100
127 78.9 61.4 92.0

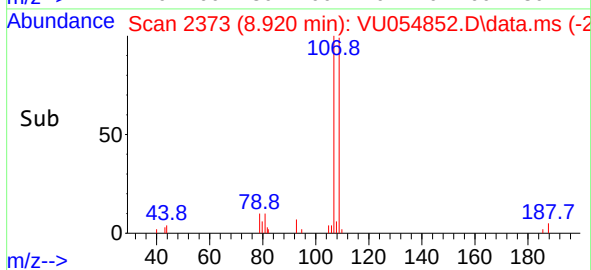
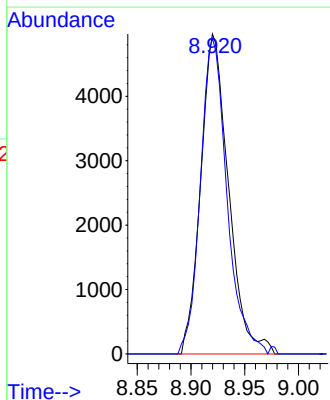
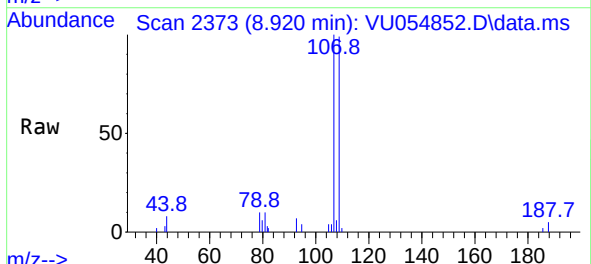
Manual Integrations
APPROVED

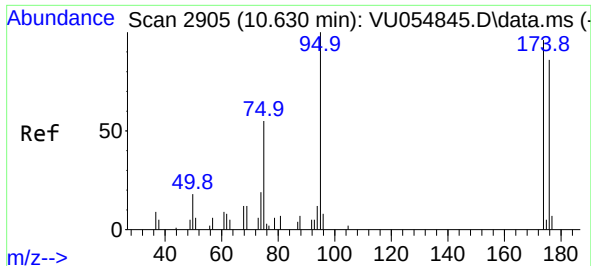
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 2.114 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

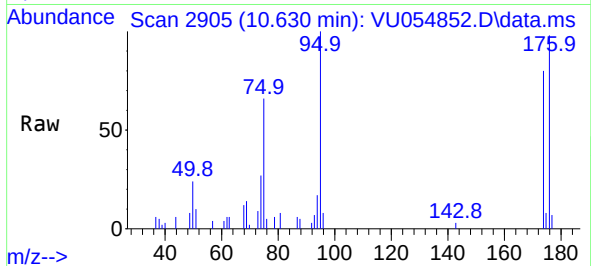
Tgt Ion:107 Resp: 8926
Ion Ratio Lower Upper
107 100
109 94.3 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.032 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

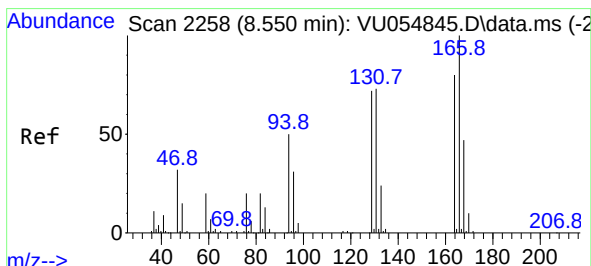
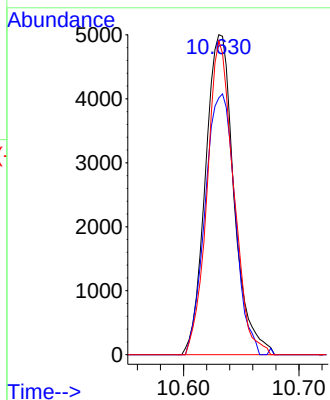
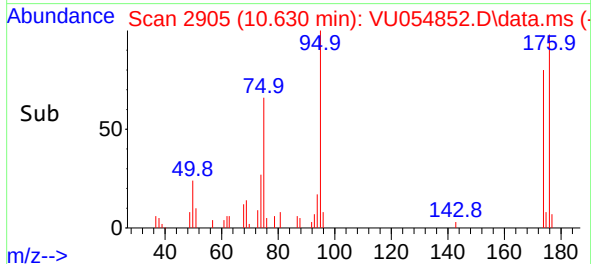
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



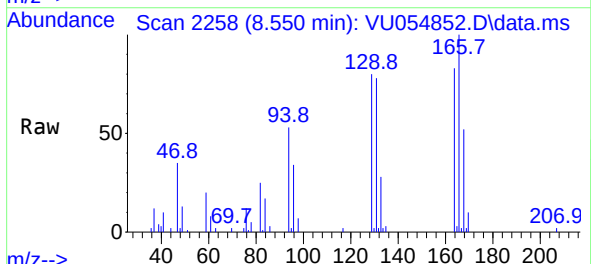
Tgt Ion: 95 Resp: 8600
Ion Ratio Lower Upper
95 100
174 84.8 79.3 118.9
176 90.6 71.5 107.3

Manual Integrations
APPROVED

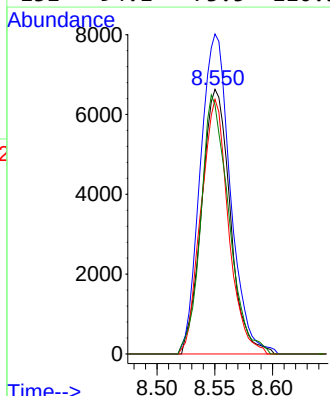
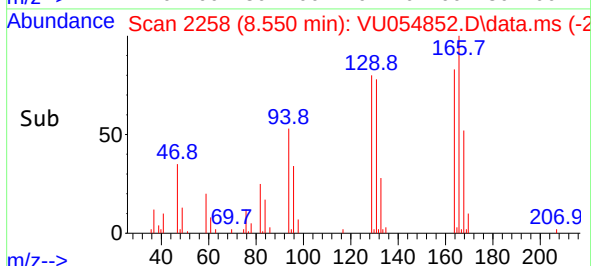
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

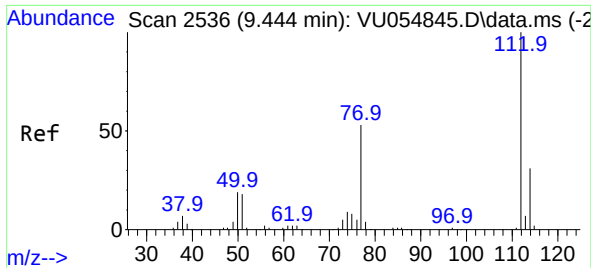


#58
Tetrachloroethene
Concen: 2.032 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion:164 Resp: 11404
Ion Ratio Lower Upper
164 100
166 120.9 100.4 150.6
129 96.2 71.9 107.9
131 94.1 73.5 110.3





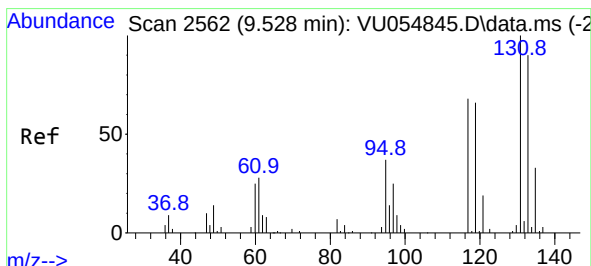
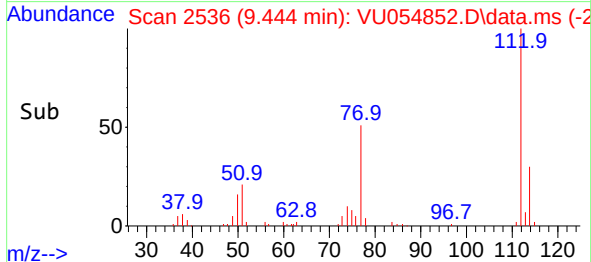
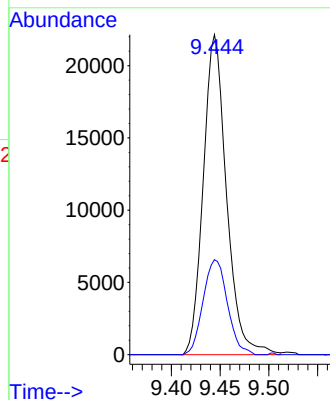
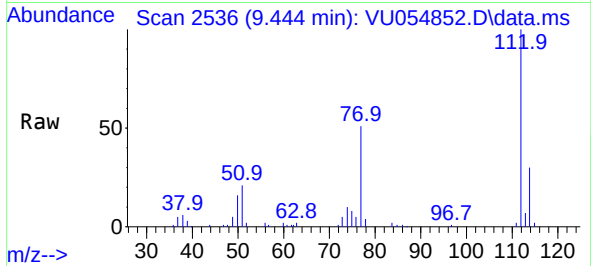
#59
Chlorobenzene
Concen: 2.028 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:112 Resp: 3675
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.6

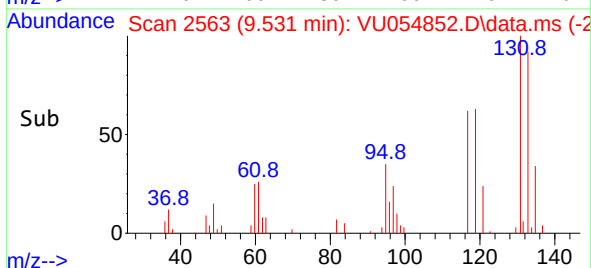
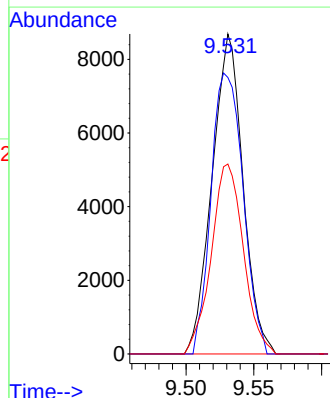
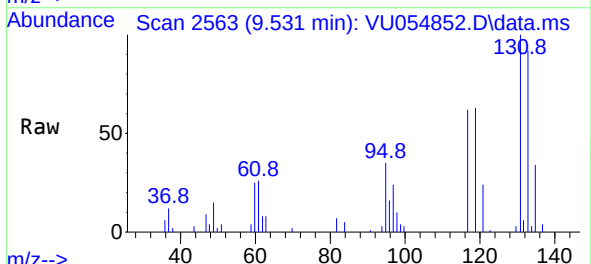
Manual Integrations
APPROVED

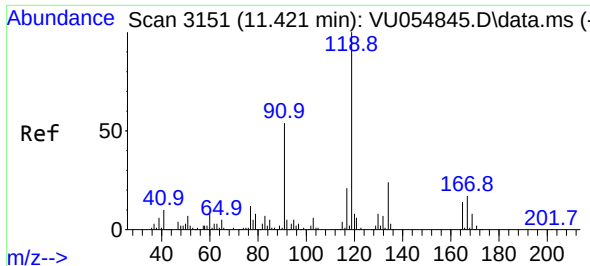
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.151 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

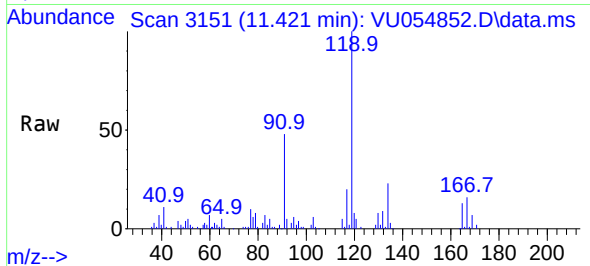
Tgt Ion:131 Resp: 13761
Ion Ratio Lower Upper
131 100
133 91.1 74.2 111.4
119 61.7 51.0 76.4





#61
Pentachloroethane
Concen: 1.983 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

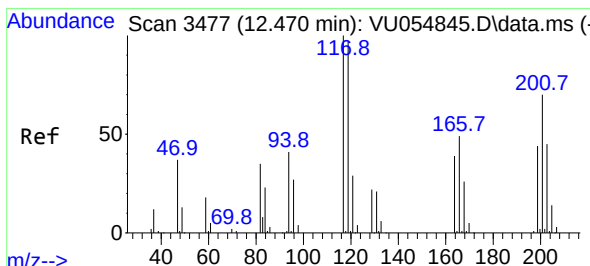
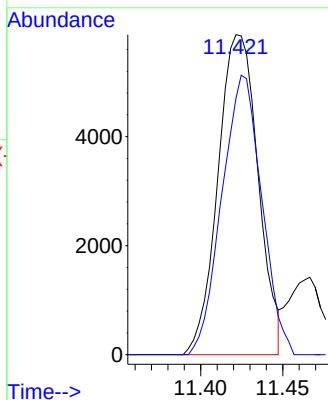
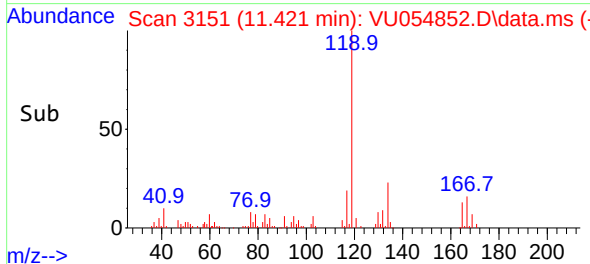
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



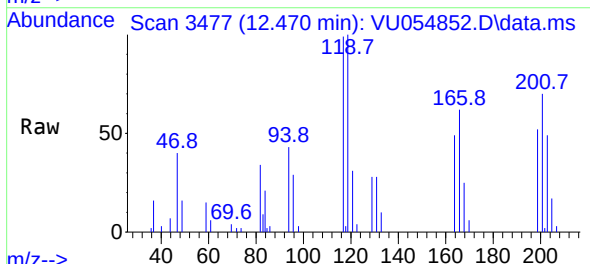
Tgt Ion:117 Resp: 9980
Ion Ratio Lower Upper
117 100
167 86.5 65.3 97.9

Manual Integrations
APPROVED

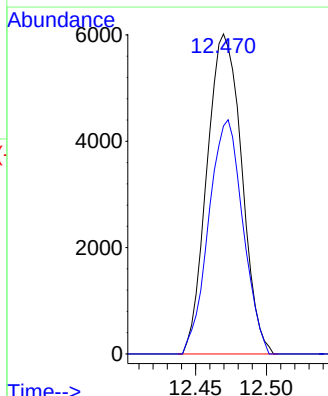
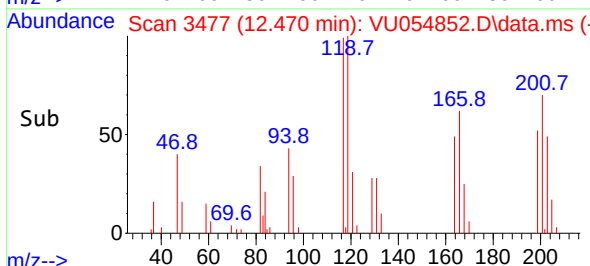
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

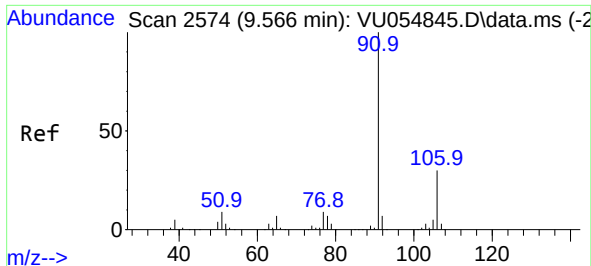


#62
Hexachloroethane
Concen: 1.984 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion:117 Resp: 10265
Ion Ratio Lower Upper
117 100
201 72.1 56.1 84.1





#63

Ethyl Benzene

Concen: 2.023 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU054852.D

Acq: 24 Jul 2023 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

Tgt Ion: 91 Resp: 62490

Ion Ratio Lower Upper

91 100

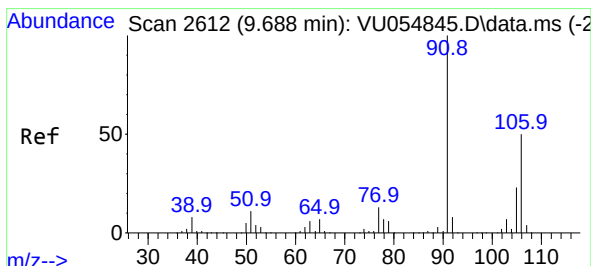
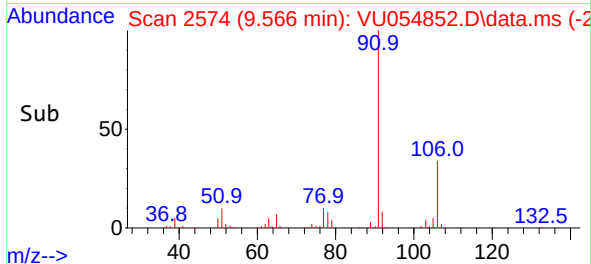
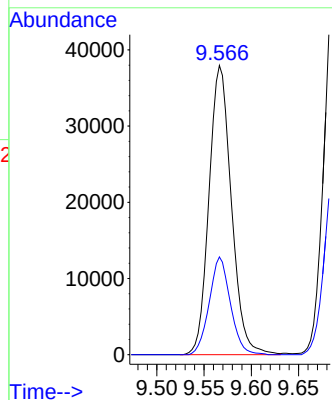
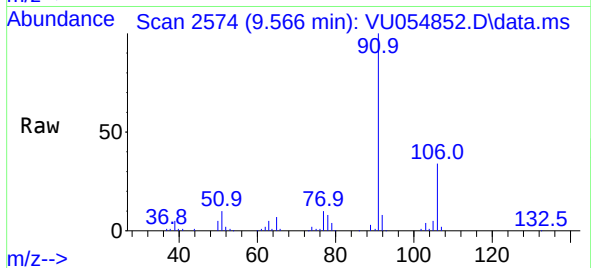
106 33.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

m/p-Xylenes

Concen: 4.011 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU054852.D

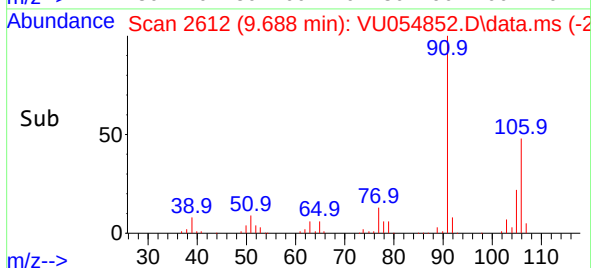
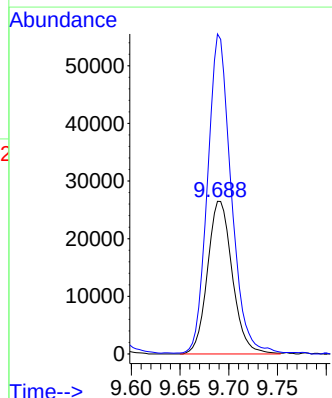
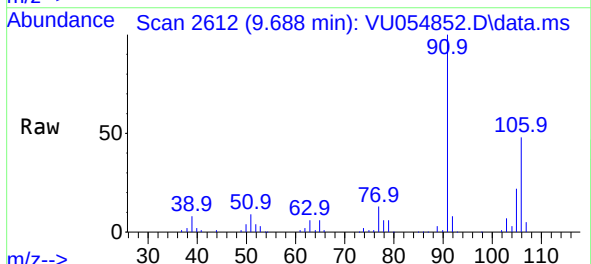
Acq: 24 Jul 2023 11:47

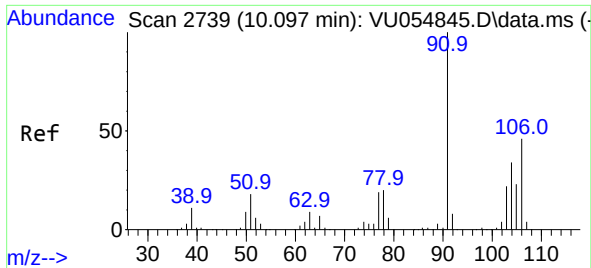
Tgt Ion:106 Resp: 46849

Ion Ratio Lower Upper

106 100

91 199.1 158.8 238.2





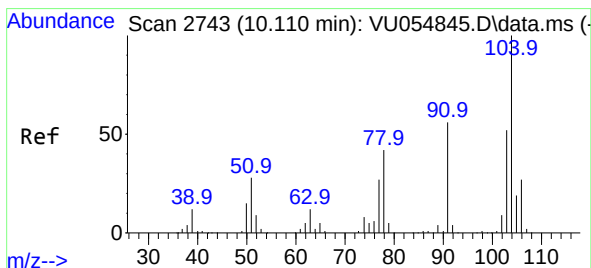
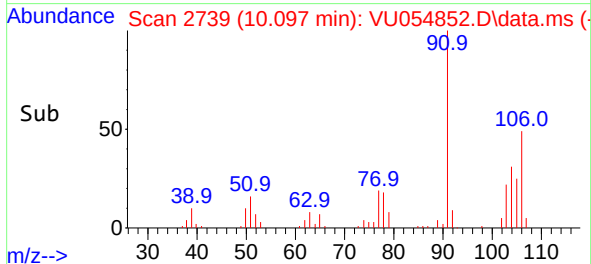
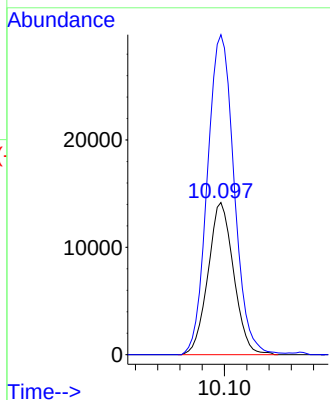
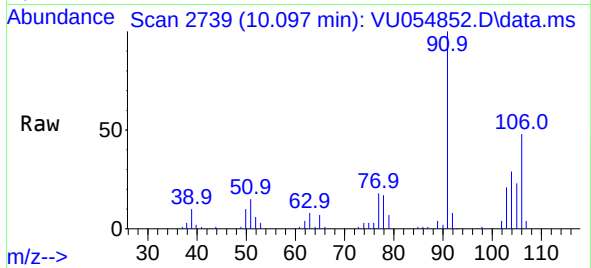
#65
o-Xylene
Concen: 1.926 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:106 Resp: 22659
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8

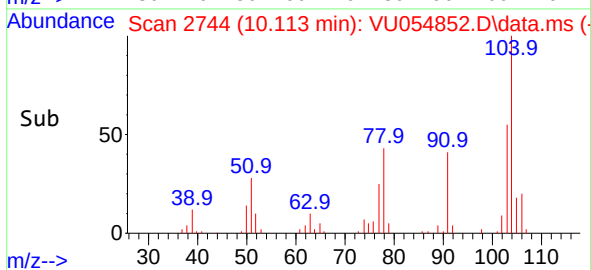
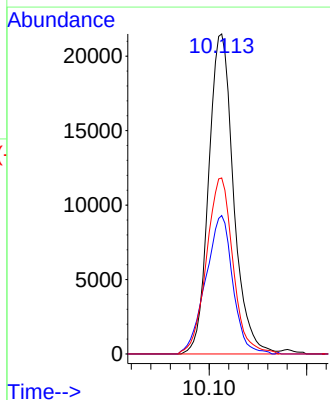
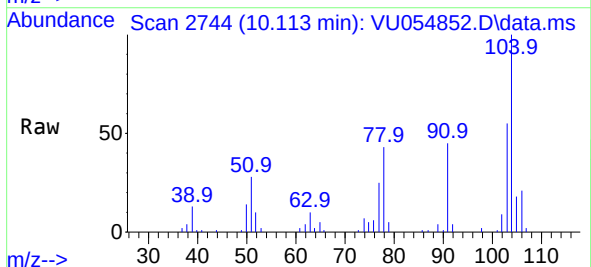
Manual Integrations
APPROVED

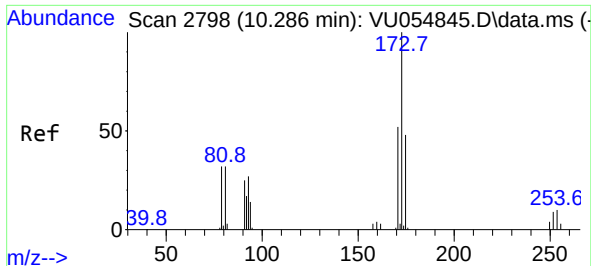
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 2.017 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

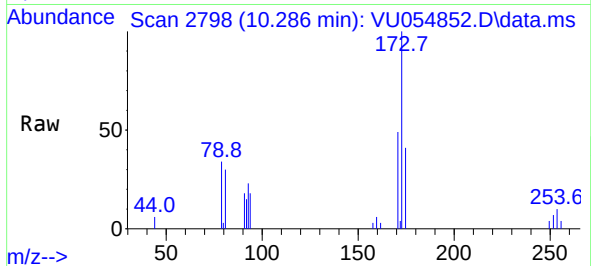
Tgt Ion:104 Resp: 38114
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 58.7 45.2 67.8





#67
Bromoform
Concen: 2.206 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

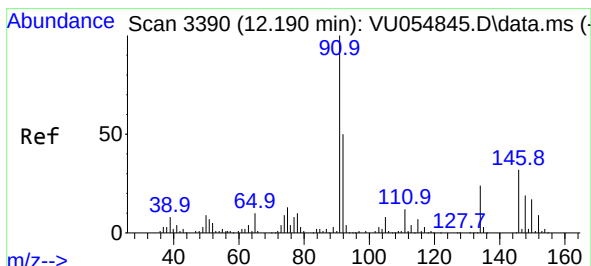
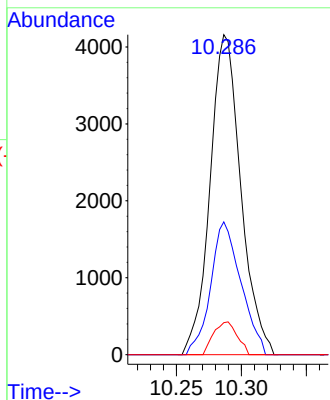
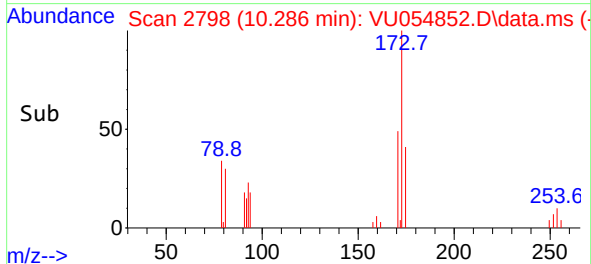
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



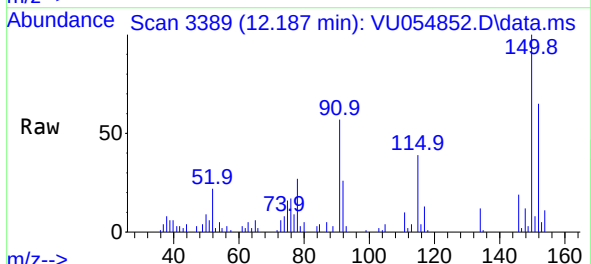
Tgt Ion:173 Resp: 685
Ion Ratio Lower Upper
173 100
175 40.7 39.0 58.6
254 7.8 7.4 11.0

Manual Integrations
APPROVED

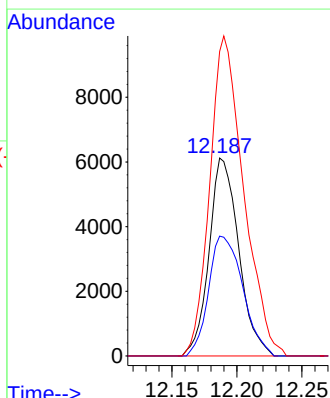
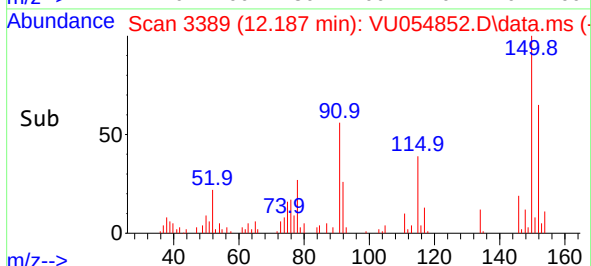
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

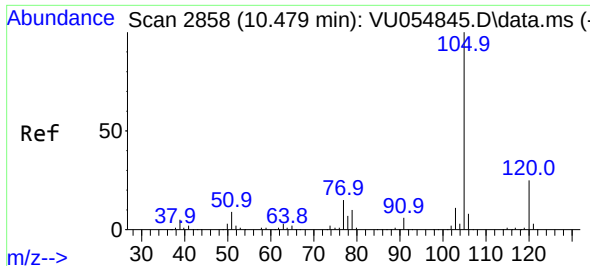


#68
1,2-Dichlorobenzene-d4
Concen: 1.007 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion:152 Resp: 9720
Ion Ratio Lower Upper
152 100
115 69.7 0.0 234.8
150 184.2 0.0 598.2





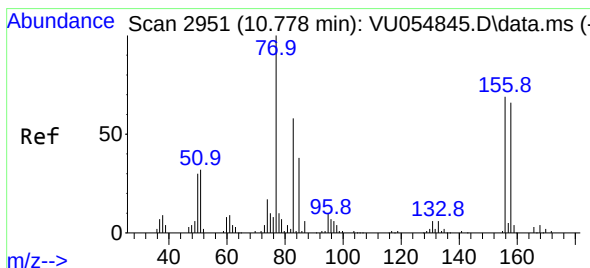
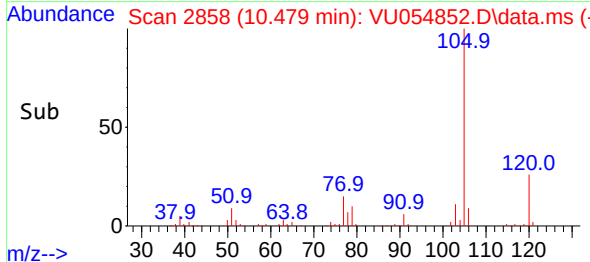
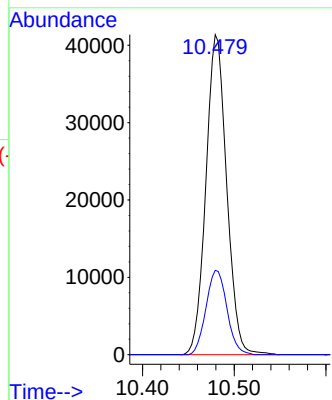
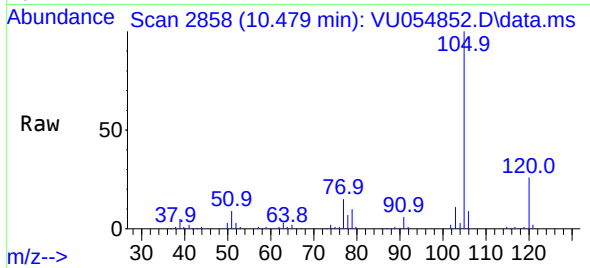
#69
Isopropylbenzene
Concen: 2.035 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 105 Resp: 6496
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

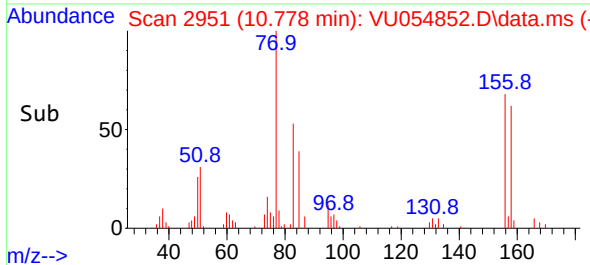
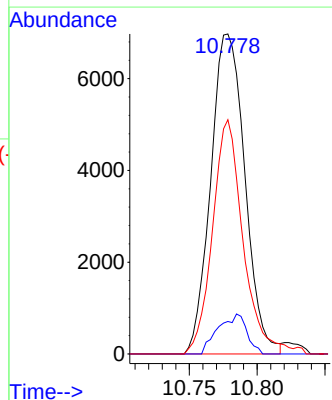
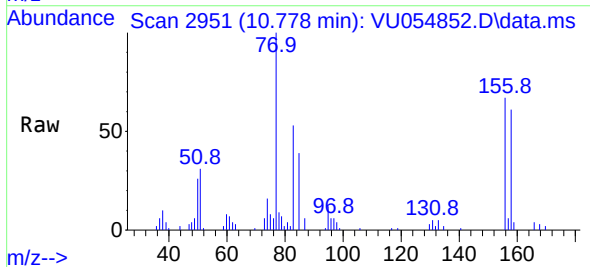
Manual Integrations
APPROVED

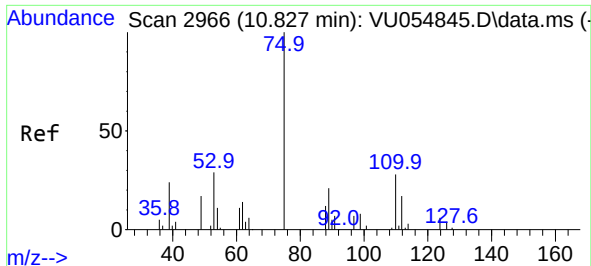
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 2.030 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion: 83 Resp: 12221
Ion Ratio Lower Upper
83 100
131 10.4 7.5 11.3
85 65.8 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 2.273 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

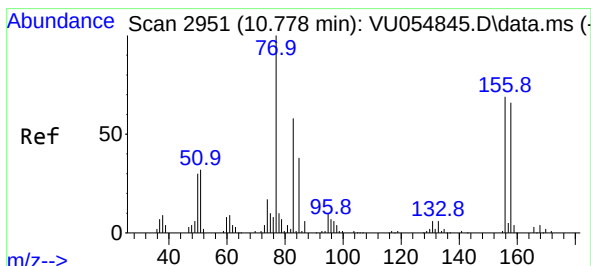
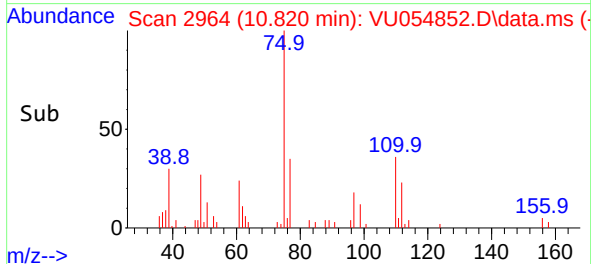
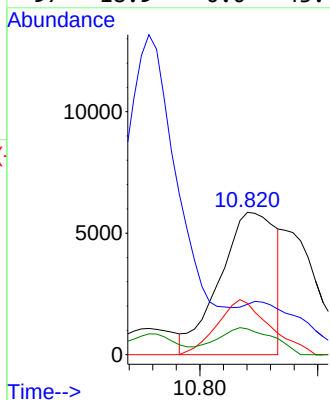
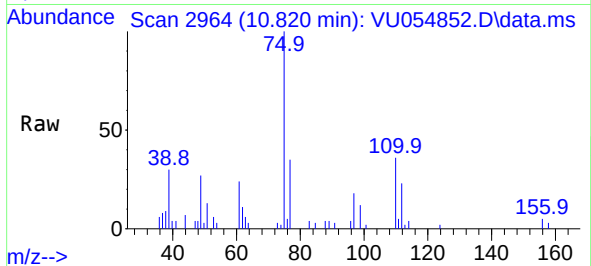
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 75 Resp: 964

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	36.4	0.0	80.8
97	18.9	0.0	43.4

Manual Integrations
APPROVED

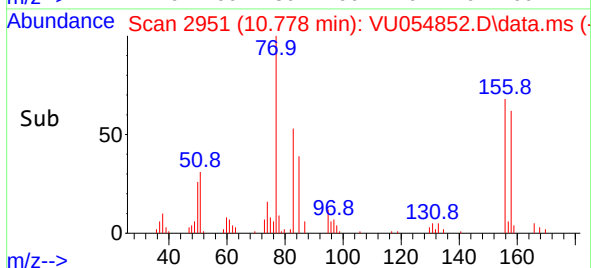
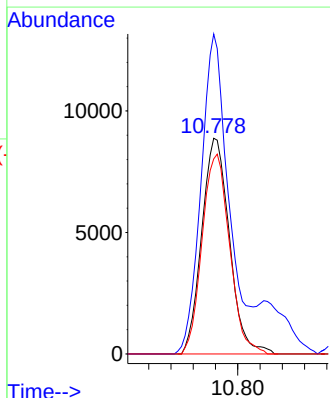
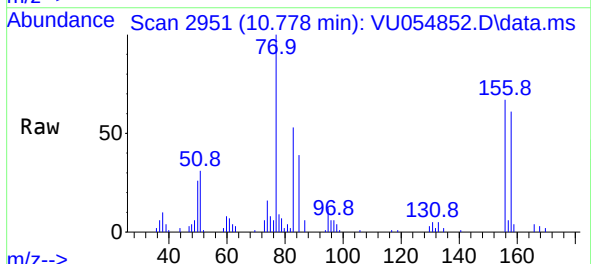
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

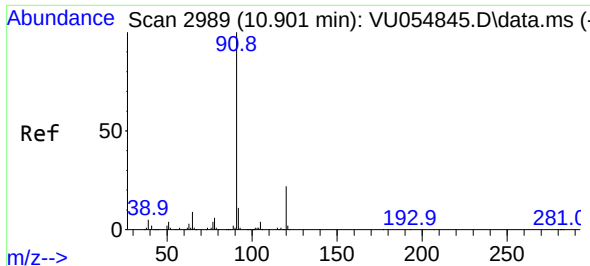


#72
Bromobenzene
Concen: 2.083 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion:156 Resp: 15336

Ion	Ratio	Lower	Upper
156	100		
77	148.2	0.0	293.2
158	91.9	0.0	189.8





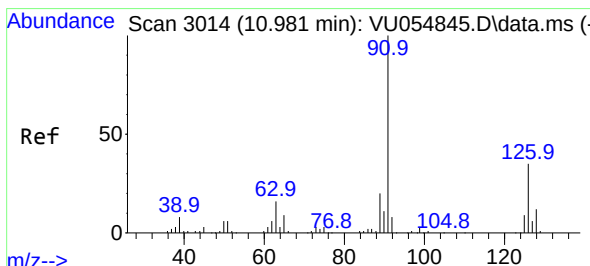
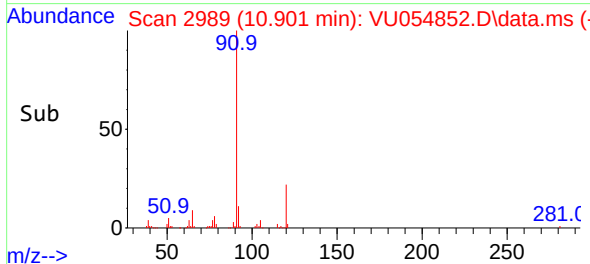
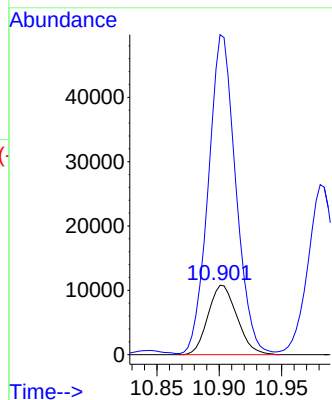
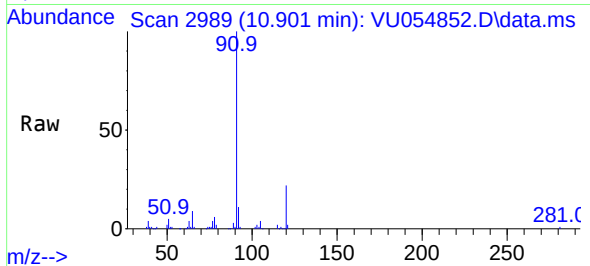
#73
n-propylbenzene
Concen: 2.030 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:120 Resp: 17412
Ion Ratio Lower Upper
120 100
91 435.0 361.8 542.6

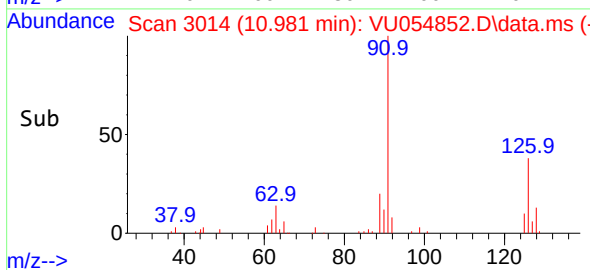
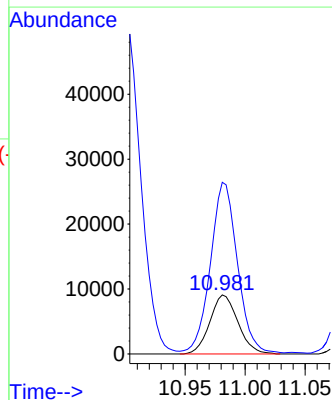
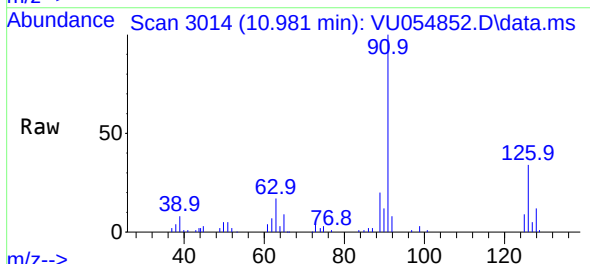
Manual Integrations
APPROVED

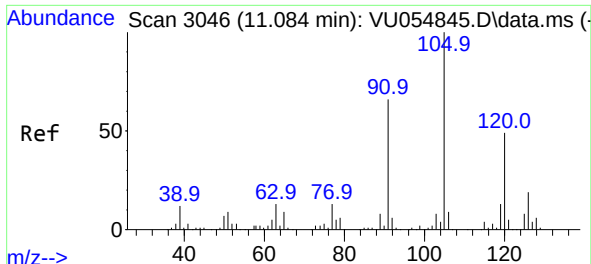
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 1.976 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion:126 Resp: 14752
Ion Ratio Lower Upper
126 100
91 276.4 0.0 561.4





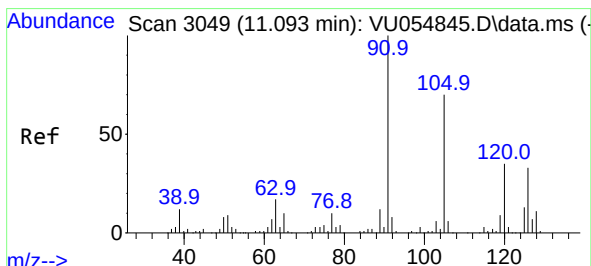
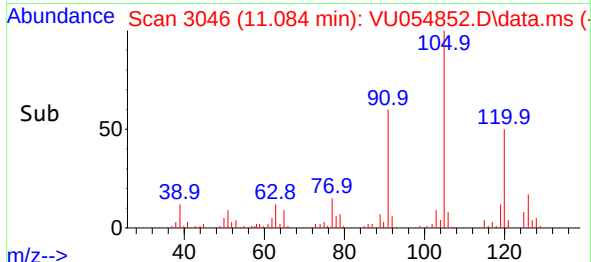
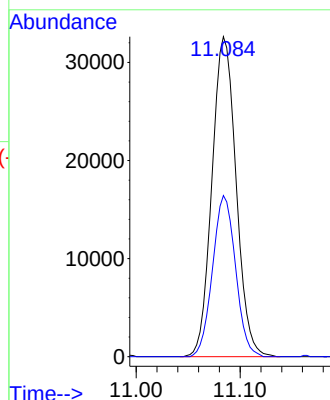
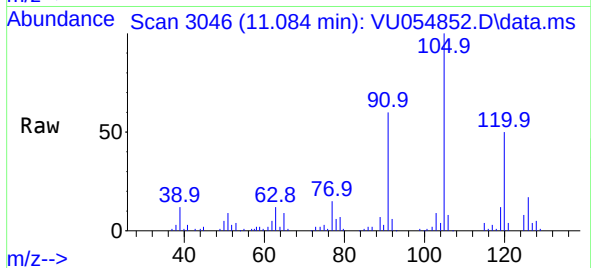
#75
1,3,5-Trimethylbenzene
Concen: 2.025 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:105 Resp: 5266
Ion Ratio Lower Upper
105 100
120 47.9 39.0 58.4

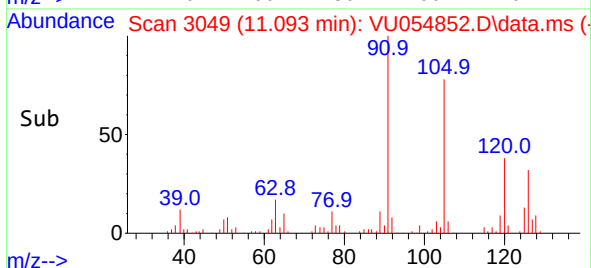
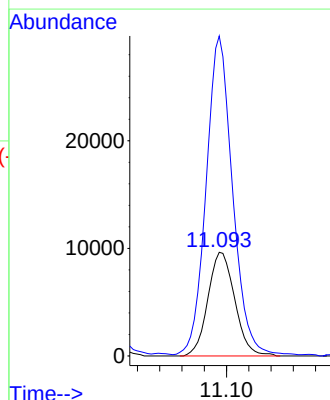
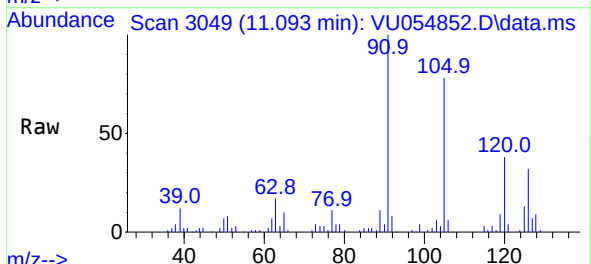
Manual Integrations
APPROVED

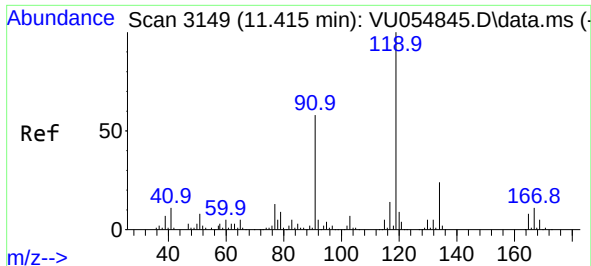
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 2.103 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Tgt Ion:126 Resp: 16146
Ion Ratio Lower Upper
126 100
91 300.6 0.0 623.4





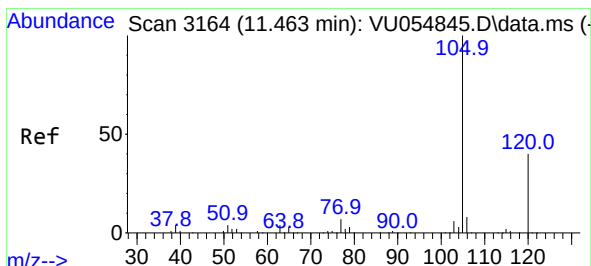
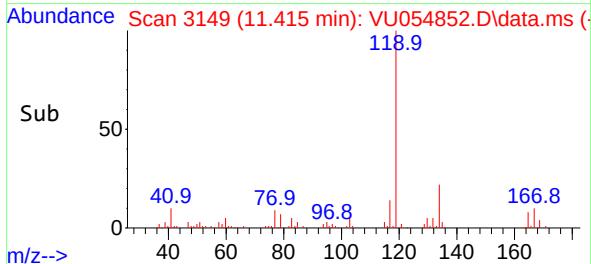
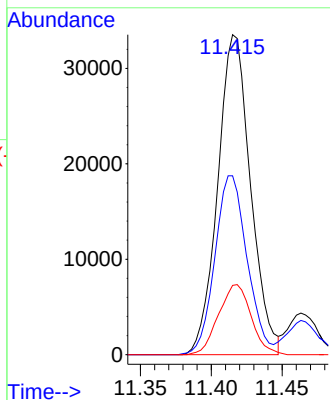
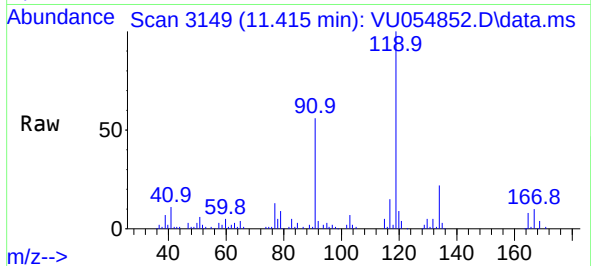
#77
tert-Butylbenzene
Concen: 2.023 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:119 Resp: 5416
Ion Ratio Lower Upper
119 100
91 54.9 27.7 83.1
134 21.7 18.6 27.8

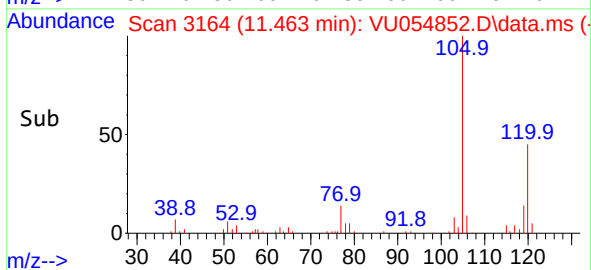
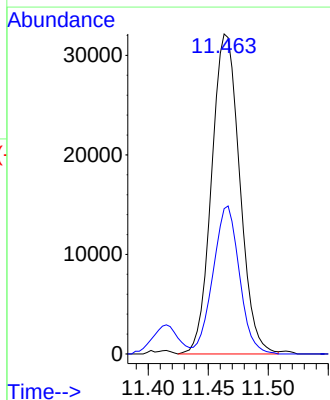
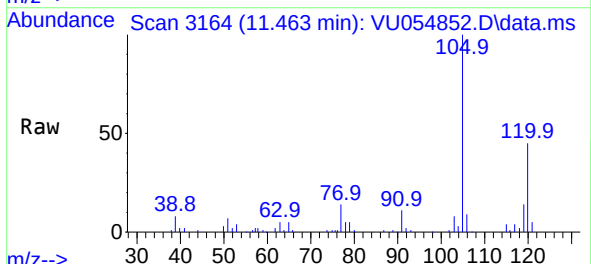
Manual Integrations
APPROVED

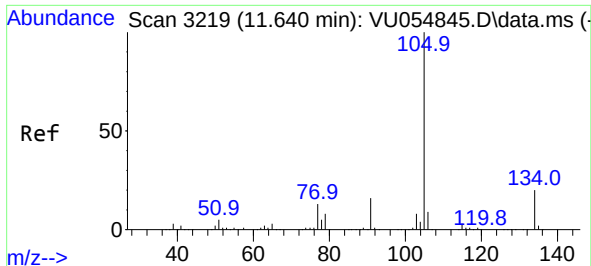
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 2.003 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

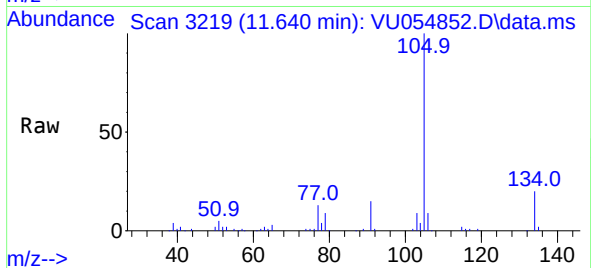
Tgt Ion:105 Resp: 52388
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 2.003 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054852.D
 Acq: 24 Jul 2023 11:47

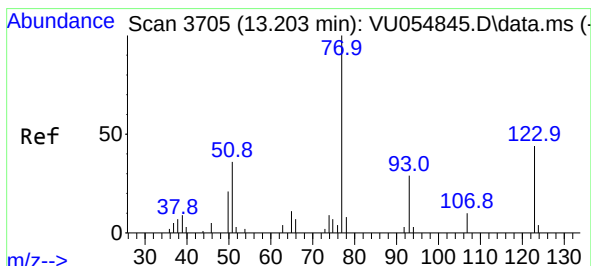
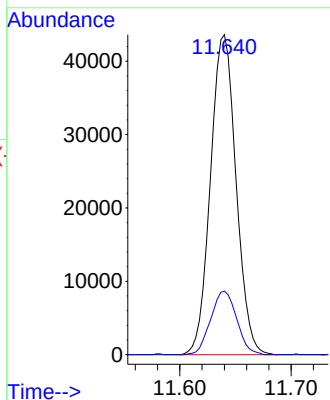
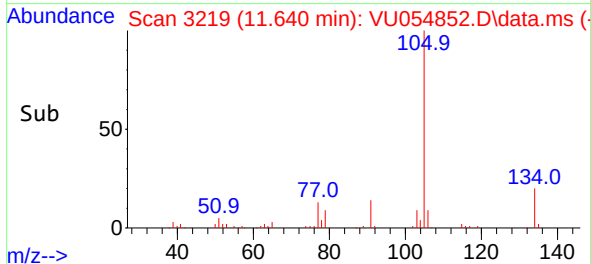
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01



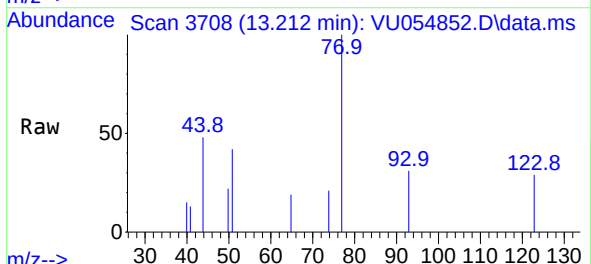
Tgt Ion:105 Resp: 6961
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.7 23.5

Manual Integrations
 APPROVED

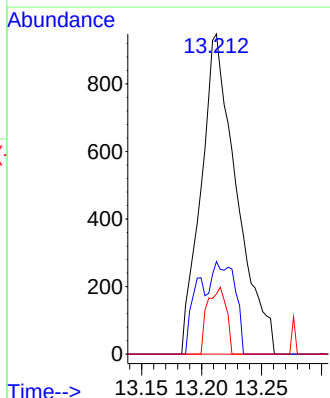
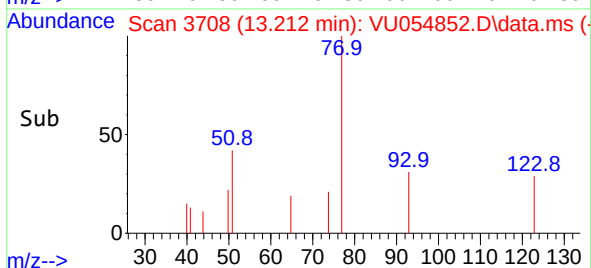
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023

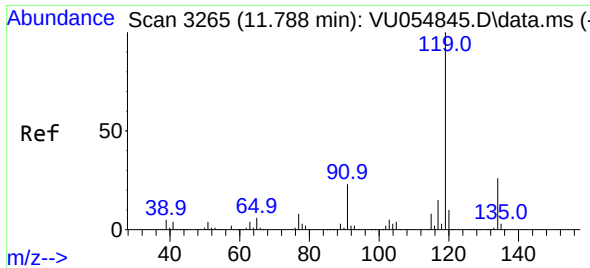


#80
 Nitrobenzene
 Concen: 11.430 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.009 min
 Lab File: VU054852.D
 Acq: 24 Jul 2023 11:47



Tgt Ion: 77 Resp: 1953
 Ion Ratio Lower Upper
 77 100
 123 18.2 20.2 71.8#
 65 11.0 11.7 14.9#





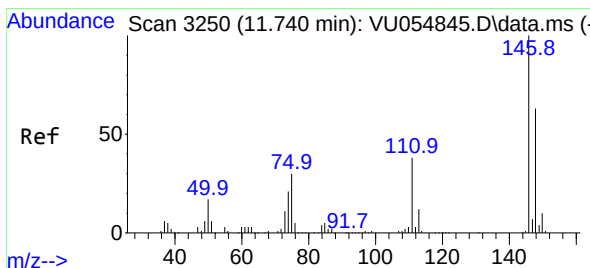
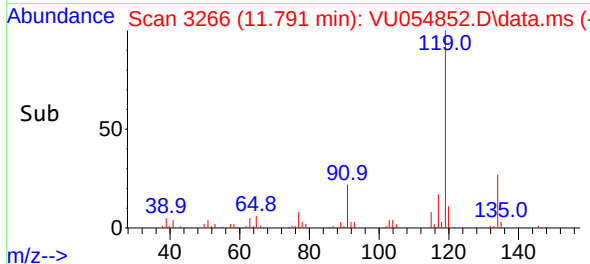
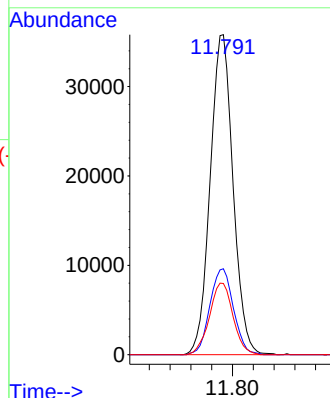
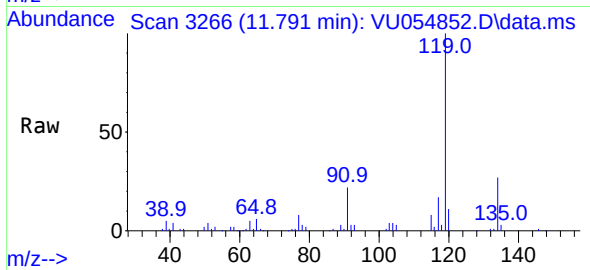
#81
p-Isopropyltoluene
Concen: 1.932 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion:119 Resp: 54672
Ion Ratio Lower Upper
119 100
134 27.7 20.6 31.0
91 23.1 18.2 27.4

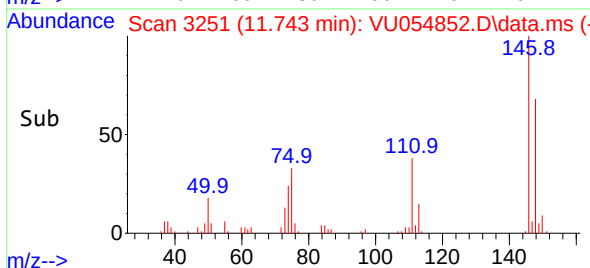
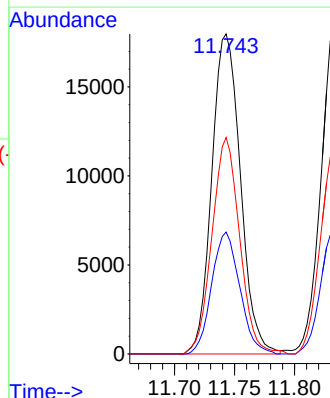
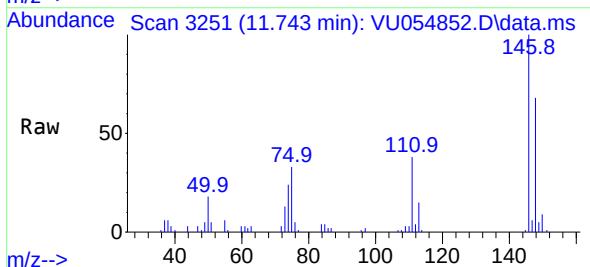
Manual Integrations
APPROVED

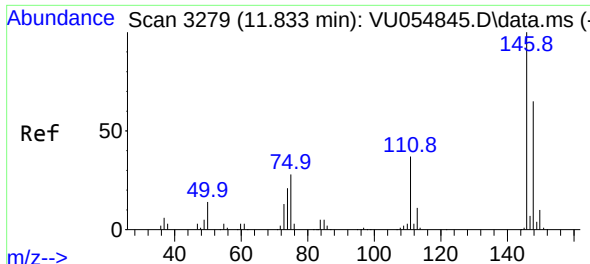
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 2.022 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

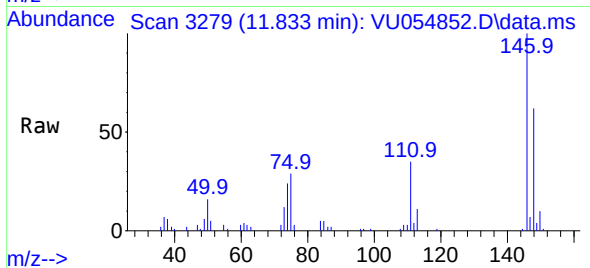
Tgt Ion:146 Resp: 29800
Ion Ratio Lower Upper
146 100
111 37.4 30.5 45.7
148 65.4 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 2.039 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

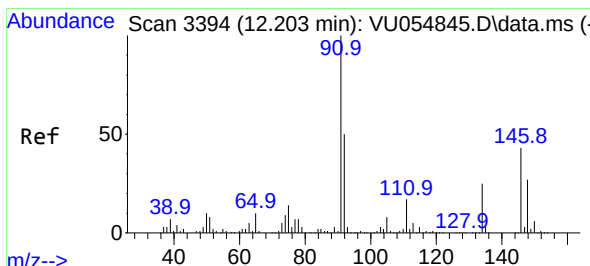
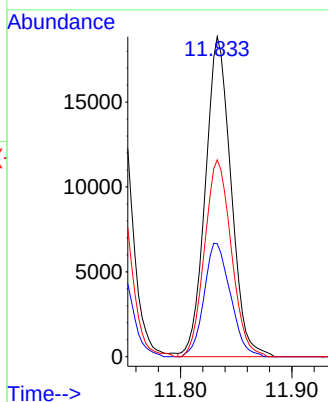
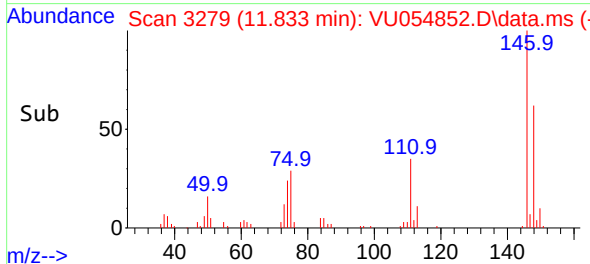
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



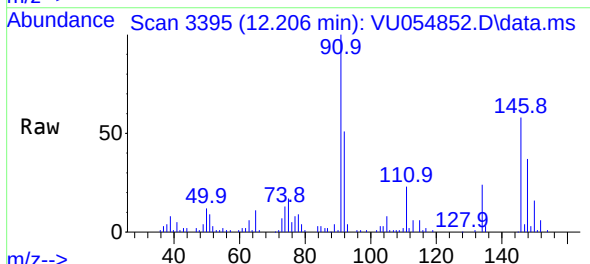
Tgt Ion:146 Resp: 30139
Ion Ratio Lower Upper
146 100
111 36.4 29.5 44.3
148 64.1 51.2 76.8

Manual Integrations
APPROVED

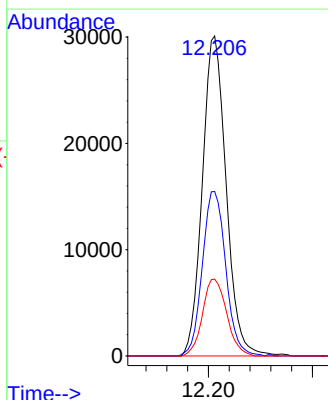
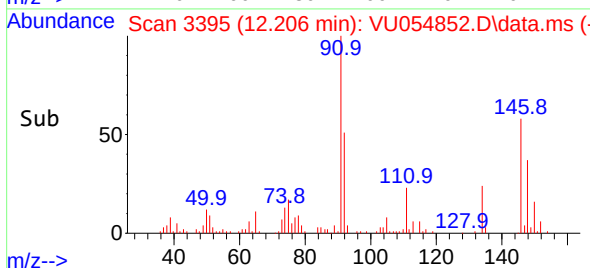
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

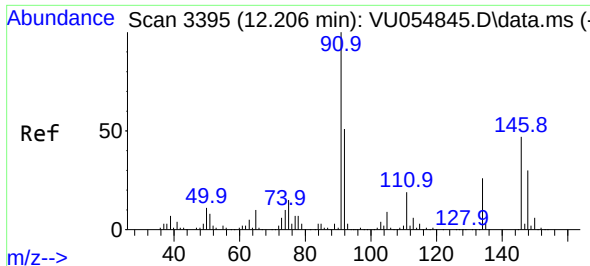


#84
n-Butylbenzene
Concen: 1.836 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



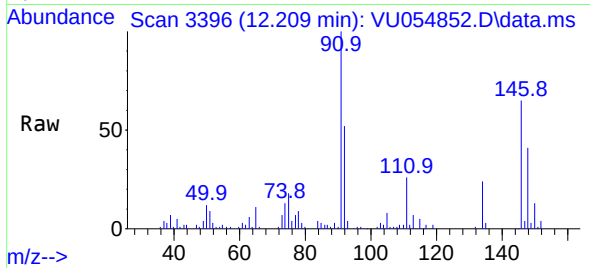
Tgt Ion: 91 Resp: 47806
Ion Ratio Lower Upper
91 100
92 50.6 39.8 59.8
134 24.4 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 2.033 ug/l
RT: 12.209 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

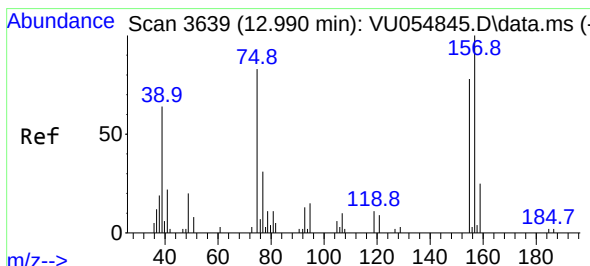
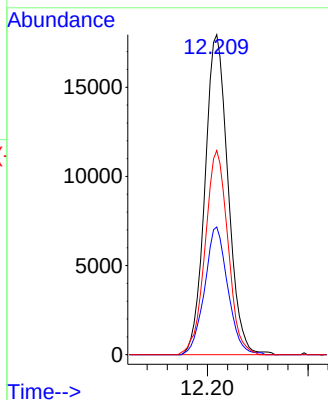
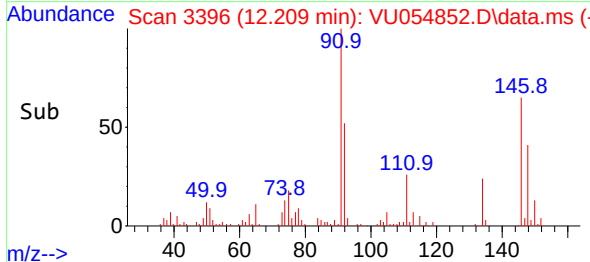
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



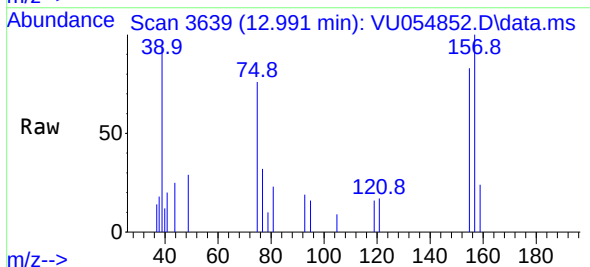
Tgt Ion:146 Resp: 2854
Ion Ratio Lower Upper
146 100
111 40.1 19.8 59.4
148 63.3 31.8 95.3

Manual Integrations
APPROVED

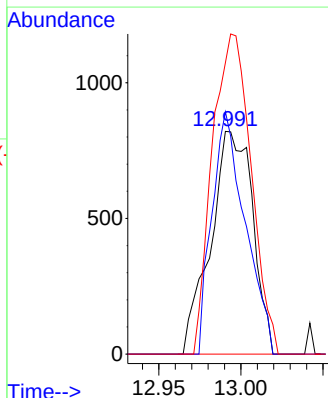
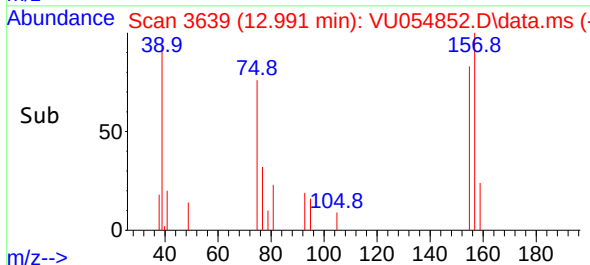
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

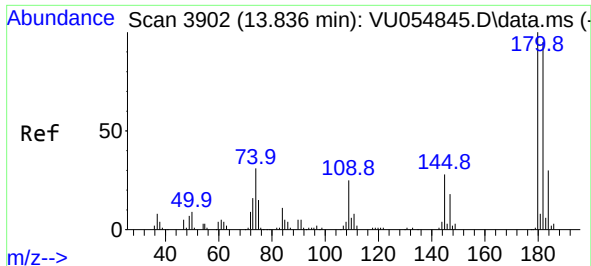


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.970 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.001 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



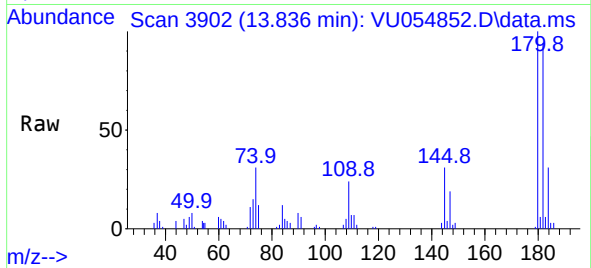
Tgt Ion: 75 Resp: 1463
Ion Ratio Lower Upper
75 100
155 85.8 74.8 112.2
157 132.7 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 2.018 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

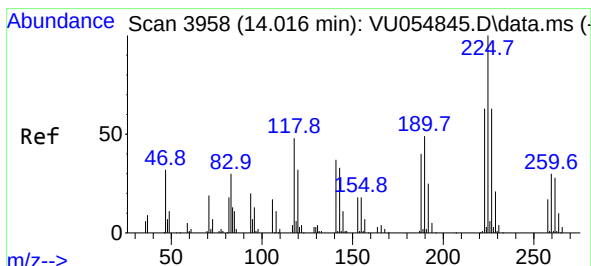
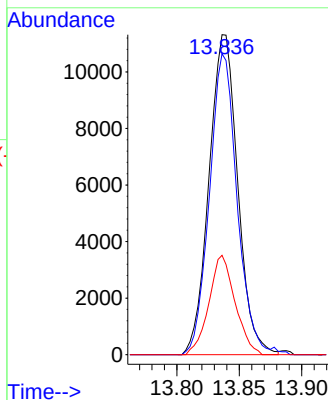
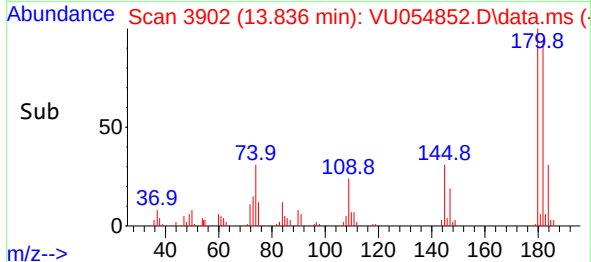
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



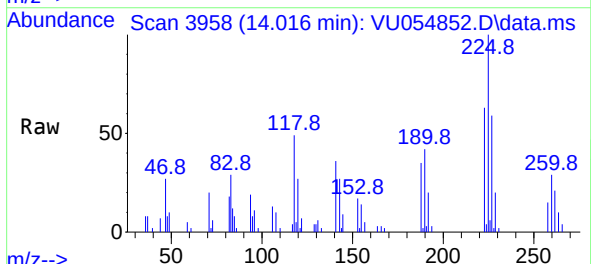
Tgt Ion:180 Resp: 1816
Ion Ratio Lower Upper
180 100
182 90.8 77.0 115.6
145 28.3 23.4 35.0

Manual Integrations
APPROVED

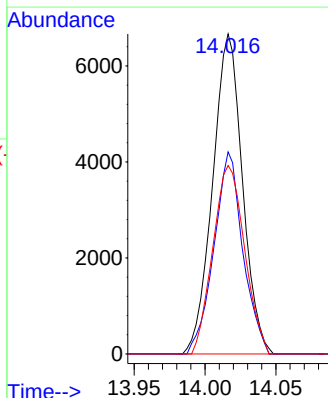
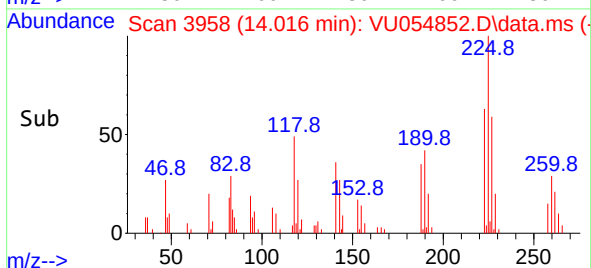
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

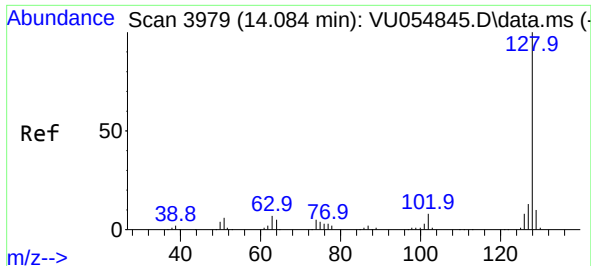


#88
Hexachlorobutadiene
Concen: 2.028 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



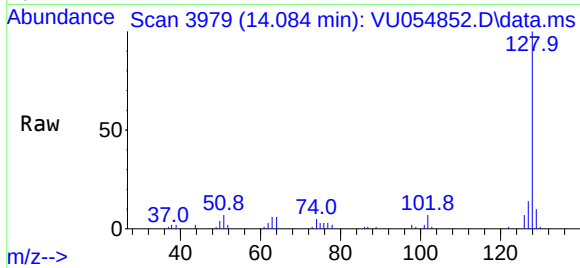
Tgt Ion:225 Resp: 9751
Ion Ratio Lower Upper
225 100
223 61.1 50.6 76.0
227 62.6 50.7 76.1





#89
Naphthalene
Concen: 1.912 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47

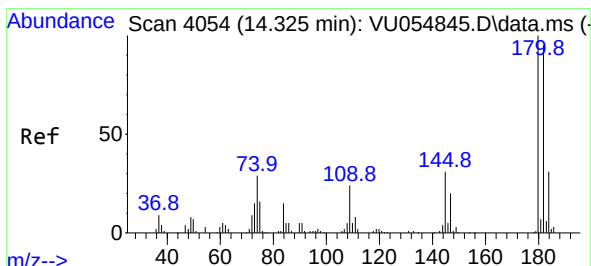
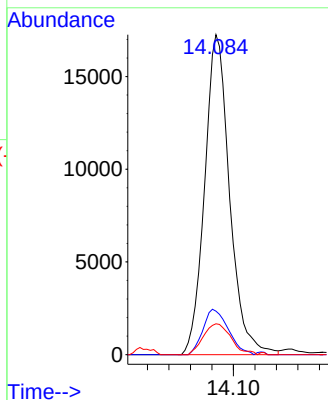
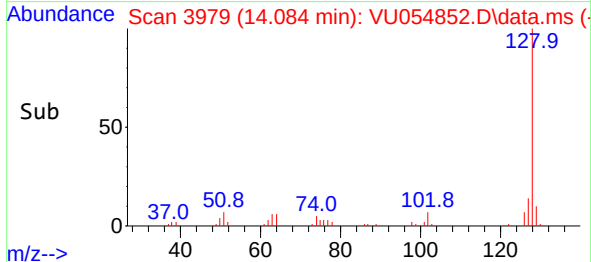
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01



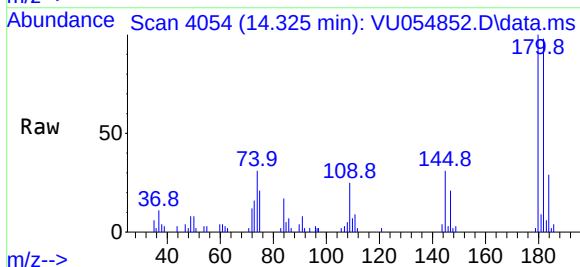
Tgt Ion:128 Resp: 27839
Ion Ratio Lower Upper
128 100
127 14.4 10.6 15.8
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.981 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054852.D
Acq: 24 Jul 2023 11:47



Tgt Ion:180 Resp: 15412
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 31.9 24.3 36.5

