

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
 Data File : VU054908.D
 Acq On : 28 Jul 2023 12:25
 Operator : MD/SY
 Sample : VU0728WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 28 23:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	24167	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7344	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9152	1.105	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8276	1.798	ug/l	100
3) Chloromethane	1.515	50	10217	1.976	ug/l	99
4) Vinyl Chloride	1.599	62	13737	1.990	ug/l	94
5) Bromomethane	1.853	94	10295	1.880	ug/l	84
6) Chloroethane	1.930	64	12454	1.745	ug/l	90
7) Trichlorofluoromethane	2.133	101	27756	1.711	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10623	2.021	ug/l	91
9) 1,1-Dichloroethene	2.576	96	7663	1.837	ug/l	87
10) Iodomethane	2.718	142	11594	1.780	ug/l	99
11) Allyl Chloride	2.920	41	9957	1.997	ug/l	97
12) Acrylonitrile	3.329	53	4310m	4.116	ug/l	
13) Acetone	2.641	43	10912	9.970	ug/l	91
14) Carbon Disulfide	2.785	76	13197	1.826	ug/l	95
15) Methylene Chloride	3.043	84	13103	2.422	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	9077	1.998	ug/l	98
17) 1,1-Dichloroethane	3.869	63	20611	2.029	ug/l	94
18) 2-Butanone	4.724	43	16502	11.953	ug/l	96
19) Cyclohexane	5.390	56	12483m	2.184	ug/l	
20) Methylcyclohexane	6.759	83	15652	2.048	ug/l	96
21) 2,2-Dichloropropane	4.657	77	17444	1.852	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	12165	2.015	ug/l	93
23) Diethyl Ether	2.374	59	13023	2.116	ug/l	97
24) tert-Butyl Alcohol	3.226	59	12577m	21.962	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	28089	2.176	ug/l	97
26) Bromochloromethane	4.975	128	5150	2.080	ug/l	99
27) Chloroform	5.084	83	22708	2.081	ug/l	99
28) 1,1,1-Trichloroethane	5.313	97	18105	1.921	ug/l	98
29) 1,1-Dichloropropene	5.525	75	13624	1.960	ug/l	98
30) Carbon Tetrachloride	5.525	117	14952	1.901	ug/l	92
31) Isopropyl Ether	3.988	45	30274	2.019	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	30810	1.996	ug/l	95
33) Tert-Amyl methyl ether	5.936	73	29387	2.013	ug/l	96
34) Propionitrile	4.805	54	4874m	12.805	ug/l	
35) Benzene	5.772	78	43649	2.005	ug/l	99
36) 1,2-Dichloroethane	5.792	62	13956	2.254	ug/l	96
37) Trichloroethene	6.541	130	11933	2.038	ug/l	96
38) 1,2-Dichloropropane	6.785	63	13046	2.120	ug/l	95
39) Methacrylonitrile	4.981	41	3406m	2.232	ug/l	
40) Methyl acrylate	4.859	55	5835m	2.405	ug/l	
41) Tetrahydrofuran	5.065	42	4111	4.712	ug/l	# 68
42) 1-Chlorobutane	5.454	56	17418	1.914	ug/l	92
43) Dibromomethane	6.917	93	6201	2.146	ug/l	96
44) Bromodichloromethane	7.103	83	17187	2.134	ug/l	# 89

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Instrument :
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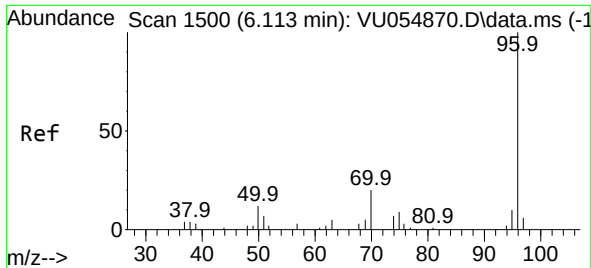
Manual Integrations
 APPROVED

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

Quant Time: Jul 28 23:12:09 2023
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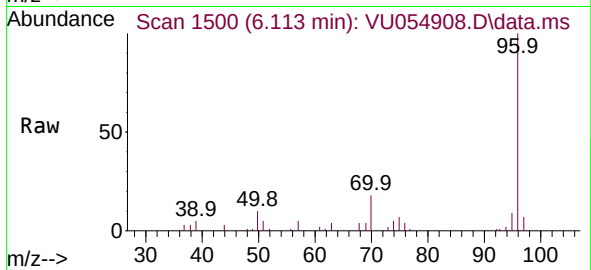
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	38329	11.366	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	5031m	3.708	ug/l	
47) Methyl methacrylate	6.962	69	11913	4.509	ug/l	95
48) Ethyl methacrylate	8.332	69	11765	2.201	ug/l	98
49) Toluene	7.965	92	27888	2.011	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	14690	2.055	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	17187	1.956	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	9953	2.172	ug/l #	81
53) 1,3-Dichloropropane	8.573	76	16544	2.232	ug/l	94
54) 2-Hexanone	8.685	43	26463	11.043	ug/l	97
55) Dibromochloromethane	8.808	129	10561	2.012	ug/l	94
56) 1,2-Dibromoethane	8.917	107	8439	2.173	ug/l	98
58) Tetrachloroethene	8.550	164	10606	2.076	ug/l	94
59) Chlorobenzene	9.444	112	34343	2.041	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.528	131	11957	2.013	ug/l	98
61) Pentachloroethane	11.422	117	8857	1.908	ug/l	96
62) Hexachloroethane	12.470	117	9108	1.908	ug/l	98
63) Ethyl Benzene	9.566	91	55877	1.979	ug/l	98
64) m/p-Xylenes	9.692	106	42325	4.007	ug/l	98
65) o-Xylene	10.097	106	21174	1.951	ug/l	99
66) Styrene	10.113	104	35119	2.024	ug/l	98
67) Bromoform	10.290	173	6008	2.207	ug/l	95
69) Isopropylbenzene	10.483	105	58265	2.000	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.775	83	12242	2.159	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	9020m	2.233	ug/l	
72) Bromobenzene	10.782	156	13902	2.143	ug/l	98
73) n-propylbenzene	10.901	120	15565	1.997	ug/l	99
74) 2-Chlorotoluene	10.984	126	14515	2.151	ug/l	91
75) 1,3,5-Trimethylbenzene	11.084	105	46147	1.956	ug/l	99
76) 4-Chlorotoluene	11.097	126	15083	2.151	ug/l	97
77) tert-Butylbenzene	11.415	119	49730	2.027	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	46365	1.920	ug/l	97
79) sec-Butylbenzene	11.640	105	60842	1.908	ug/l	99
80) Nitrobenzene	13.209	77	1334	8.953	ug/l #	93
81) p-Isopropyltoluene	11.791	119	49735	1.976	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	29442	2.132	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	29372	2.134	ug/l	99
84) n-Butylbenzene	12.206	91	42817	1.894	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	28057	2.120	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1684	2.234	ug/l	85
87) 1,2,4-Trichlorobenzene	13.839	180	17014	2.015	ug/l	97
88) Hexachlorobutadiene	14.016	225	9577	2.127	ug/l	94
89) Naphthalene	14.084	128	28858	2.208	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	14607	1.950	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

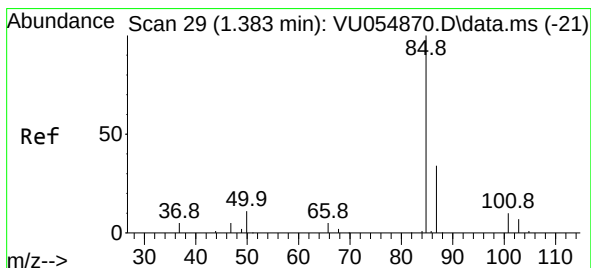
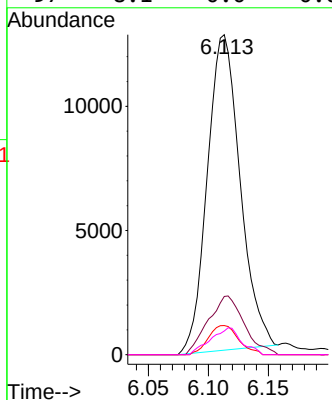
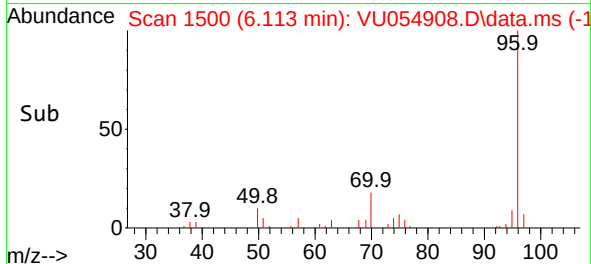
Instrument : MSVOA_U
ClientSampleId : VU0728WBSD01



Tgt Ion: 96 Resp: 2416
Ion Ratio Lower Upper
96 100
70 20.4 14.0 21.0
95 8.5 8.7 13.1
97 8.1 0.0 0.0#

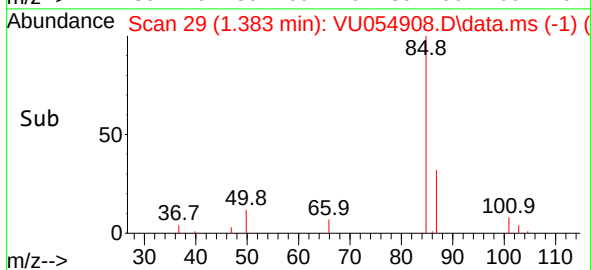
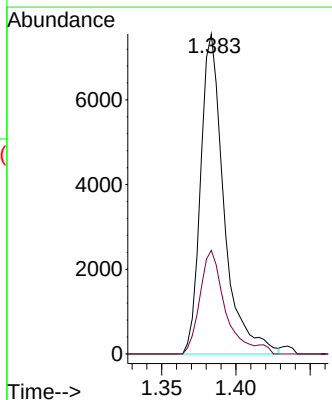
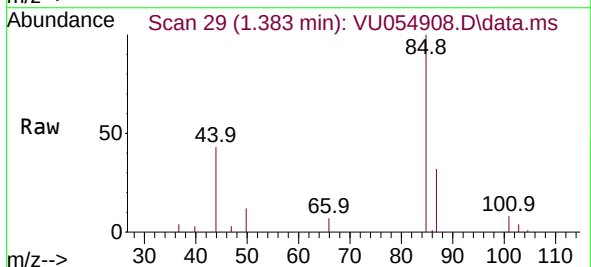
Manual Integrations
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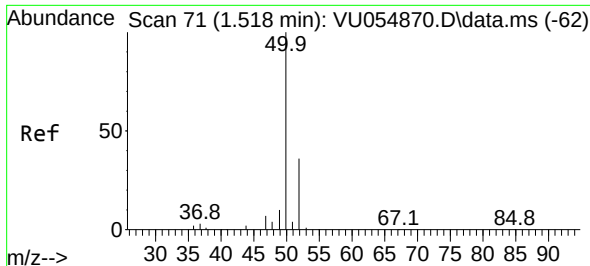
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 1.798 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 85 Resp: 8276
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





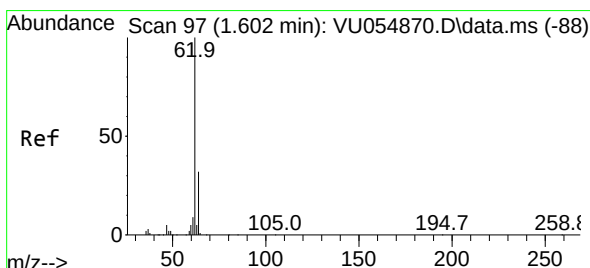
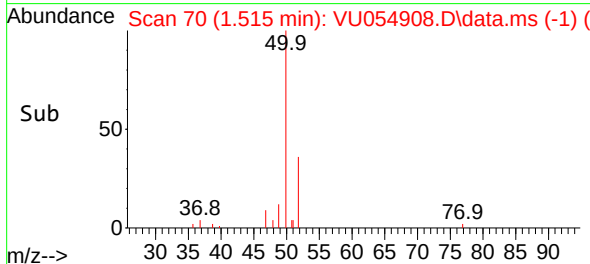
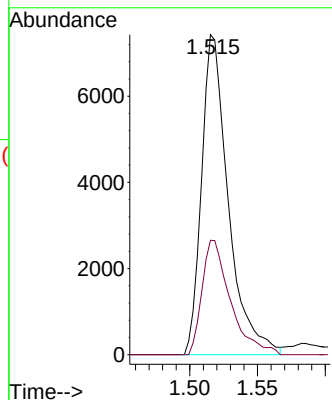
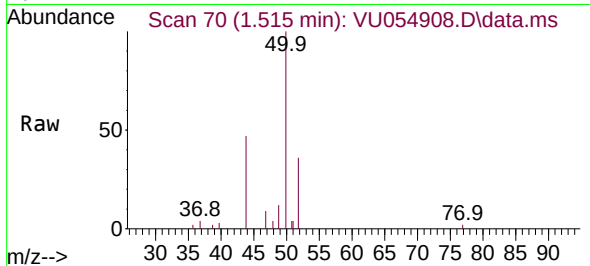
#3
Chloromethane
Concen: 1.976 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 50 Resp: 1021
Ion Ratio Lower Upper
50 100
52 35.8 28.2 42.2

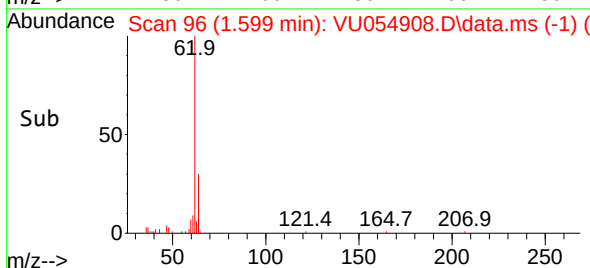
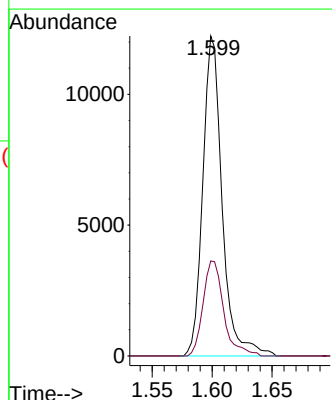
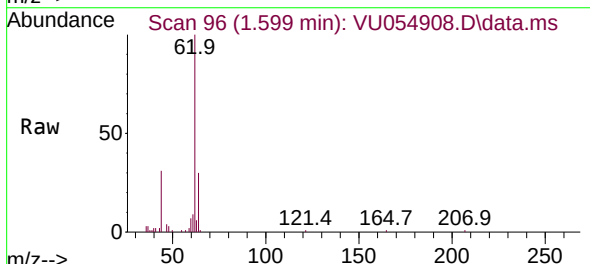
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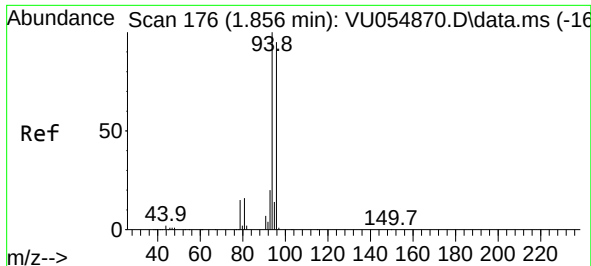
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 1.990 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

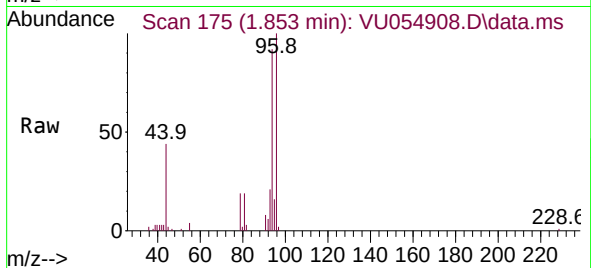
Tgt Ion: 62 Resp: 13737
Ion Ratio Lower Upper
62 100
64 29.7 26.4 39.6





#5
Bromomethane
Concen: 1.880 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

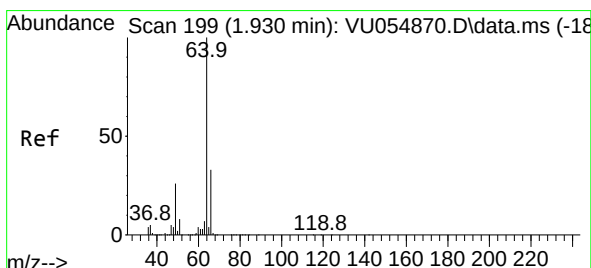
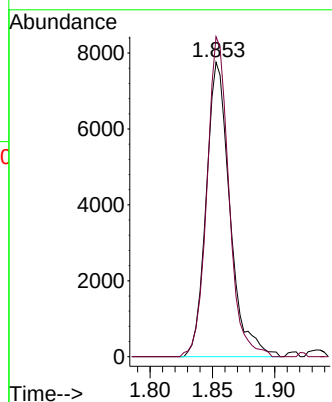
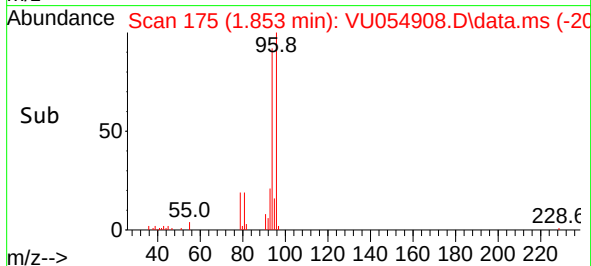
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



Tgt Ion: 94 Resp: 1029
Ion Ratio Lower Upper
94 100
96 108.7 74.6 111.8

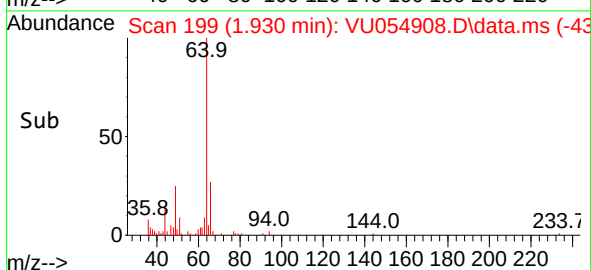
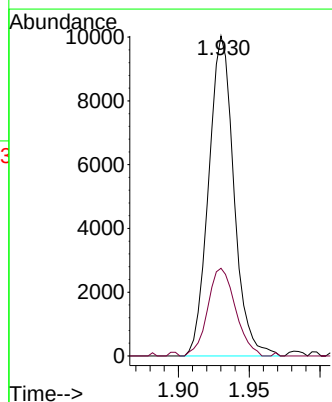
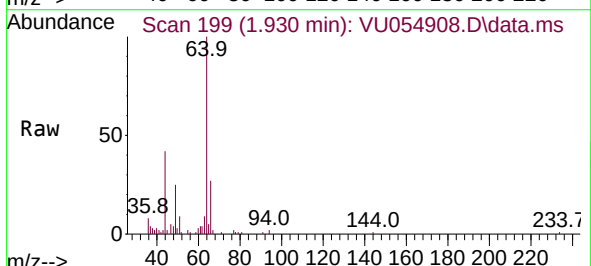
Manual Integrations
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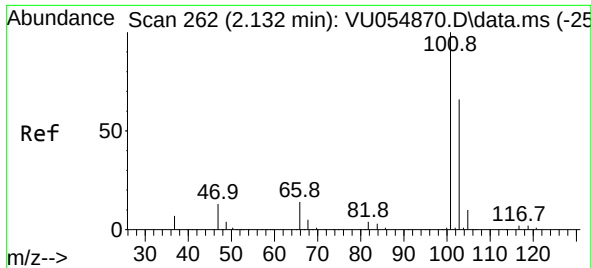
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 1.745 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 64 Resp: 12454
Ion Ratio Lower Upper
64 100
66 27.4 26.2 39.4





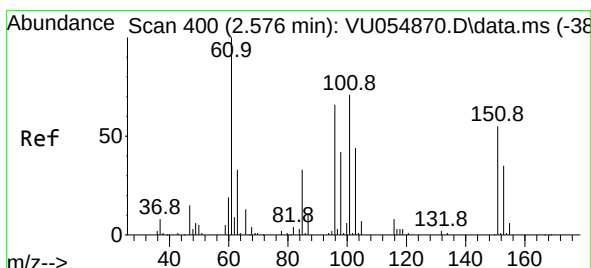
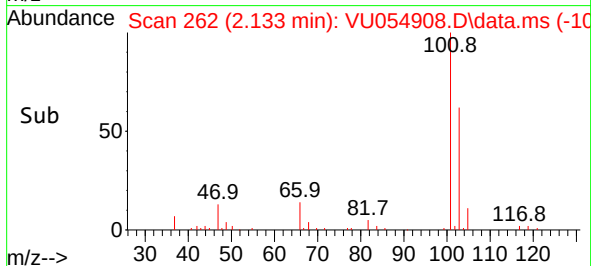
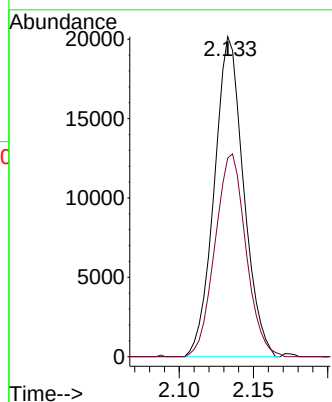
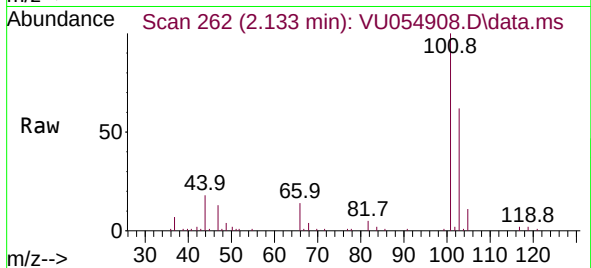
#7
 Trichlorofluoromethane
 Concen: 1.711 ug/l
 RT: 2.133 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

Tgt Ion:101 Resp: 27750
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.9 79.3

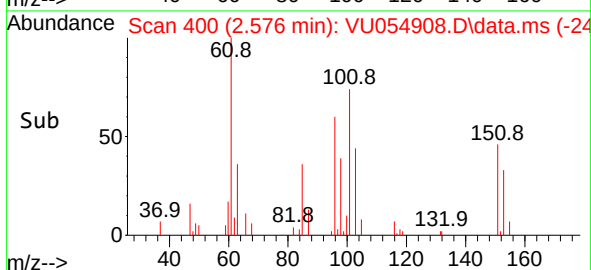
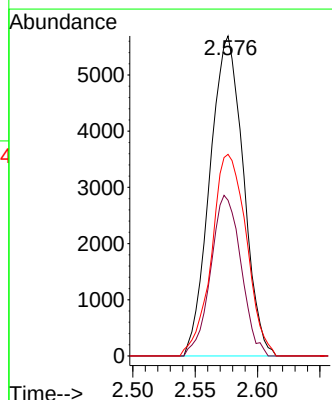
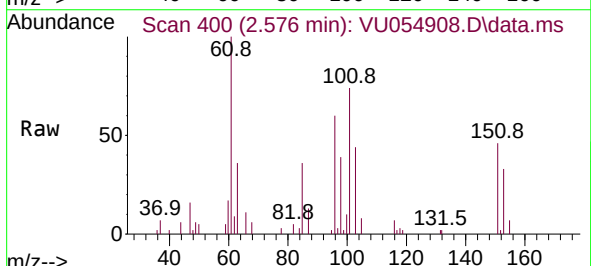
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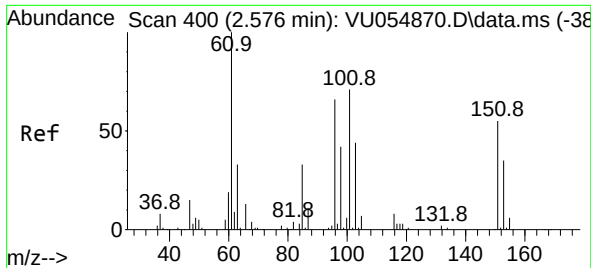
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.021 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion:101 Resp: 10623
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.8 52.2
 151 65.5 60.5 90.7





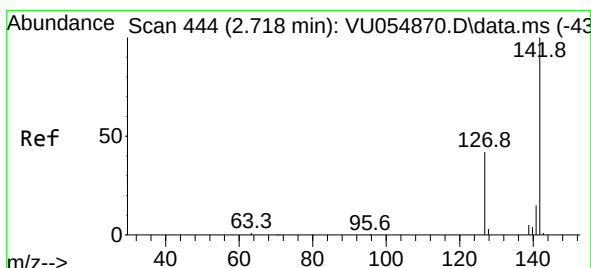
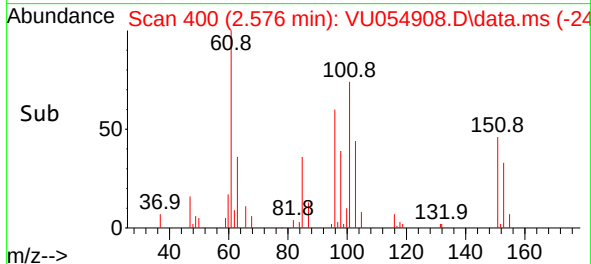
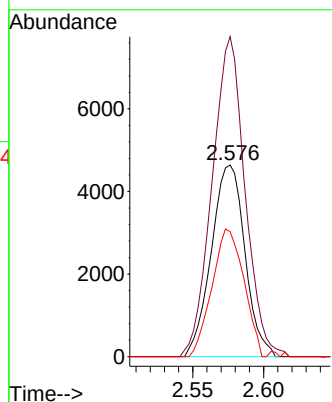
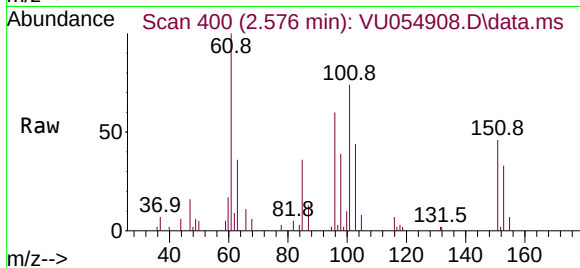
#9
1,1-Dichloroethene
Concen: 1.837 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 96 Resp: 766
Ion Ratio Lower Upper
96 100
61 167.0 0.0 440.1
98 65.3 0.0 121.8

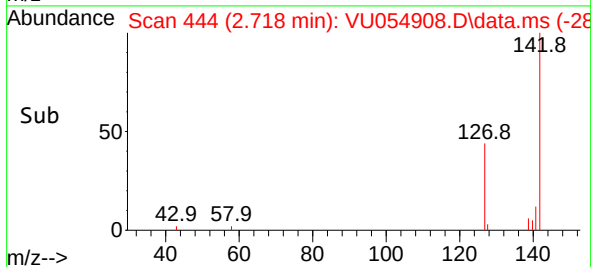
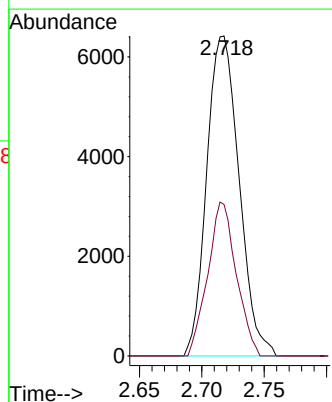
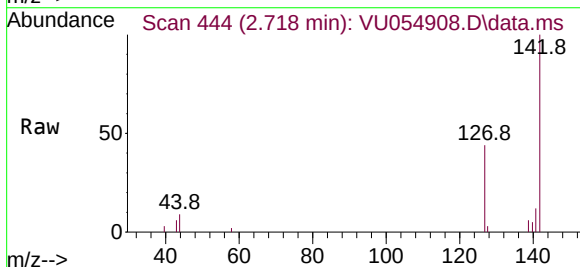
Manual Integrations
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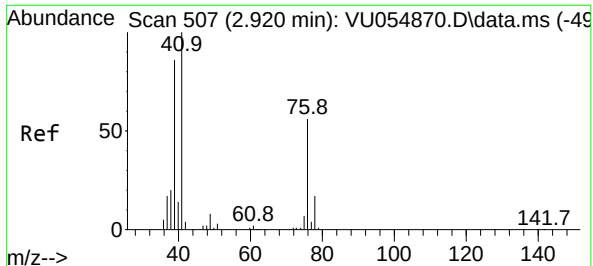
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 1.780 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

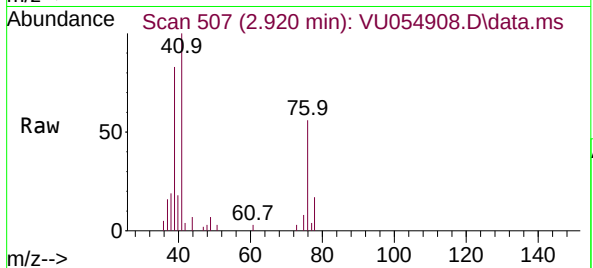
Tgt Ion:142 Resp: 11594
Ion Ratio Lower Upper
142 100
127 42.4 34.3 51.5





#11
 Allyl Chloride
 Concen: 1.997 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

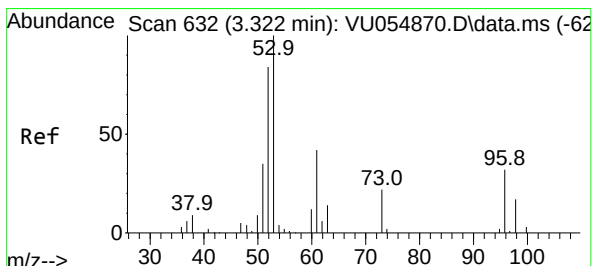
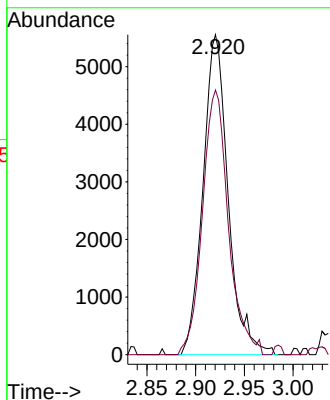
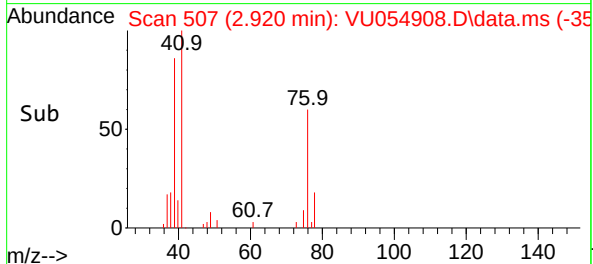
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01



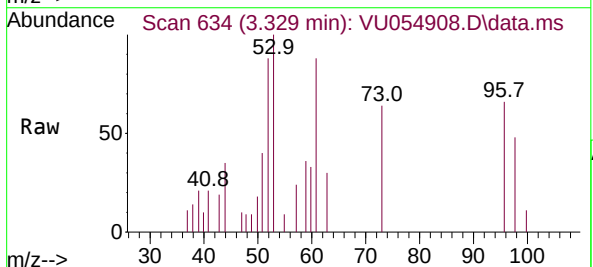
Tgt Ion: 41 Resp: 995
 Ion Ratio Lower Upper
 41 100
 39 85.4 70.2 105.2

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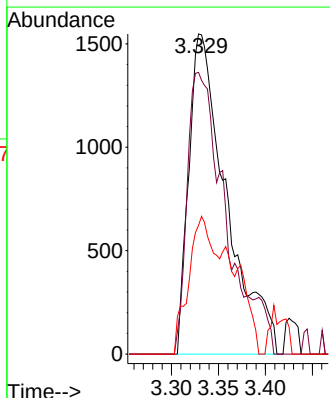
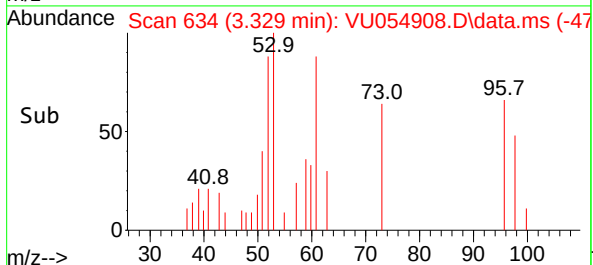
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

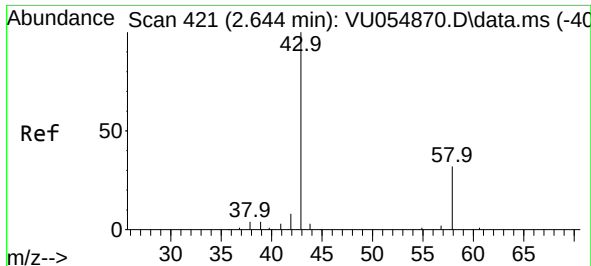


#12
 Acrylonitrile
 Concen: 4.116 ug/l m
 RT: 3.329 min Scan# 634
 Delta R.T. 0.007 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25



Tgt Ion: 53 Resp: 4310
 Ion Ratio Lower Upper
 53 100
 52 84.8 64.2 96.4
 51 30.4 33.6 50.4#





#13

Acetone

Concen: 9.970 ug/l

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

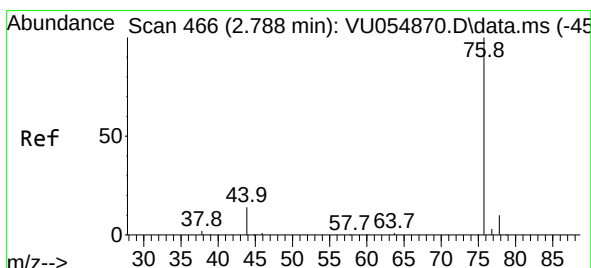
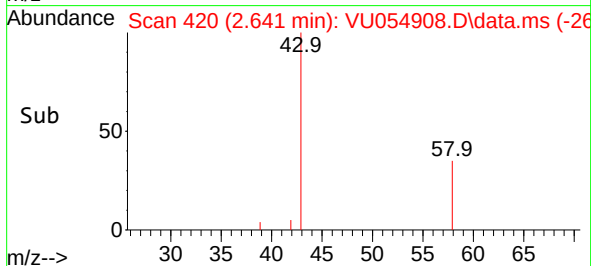
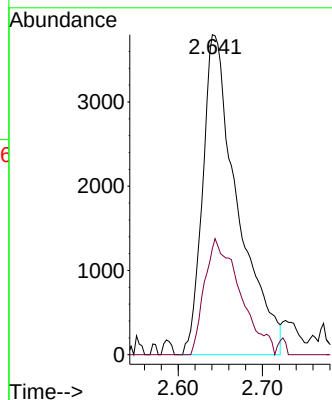
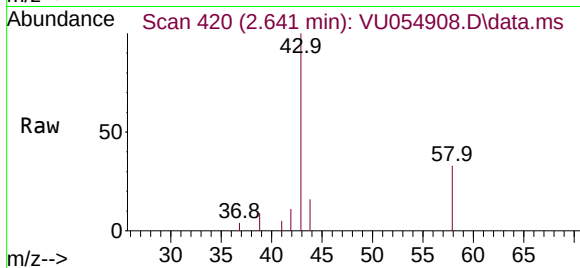
58 33.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 1.826 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU054908.D

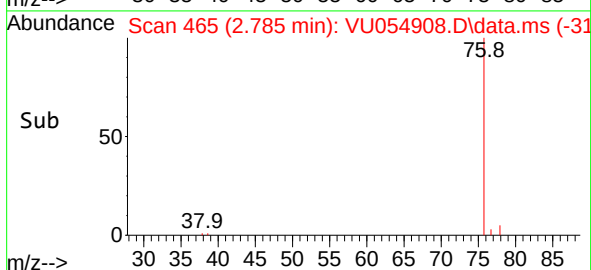
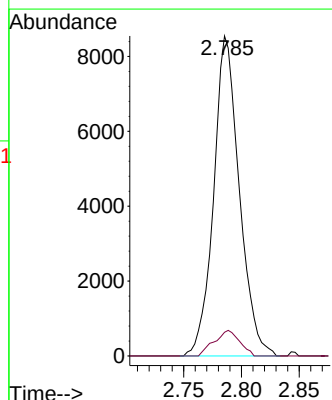
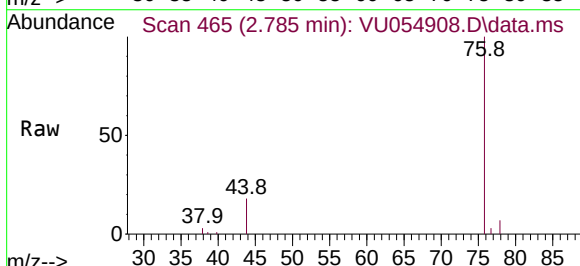
Acq: 28 Jul 2023 12:25

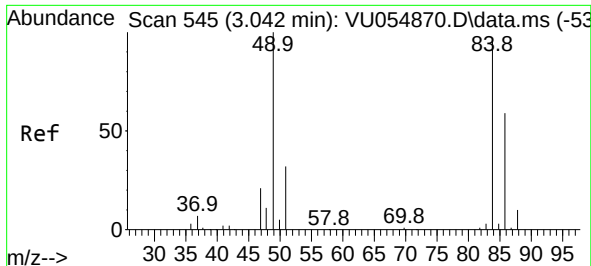
Tgt Ion: 76 Resp: 13197

Ion Ratio Lower Upper

76 100

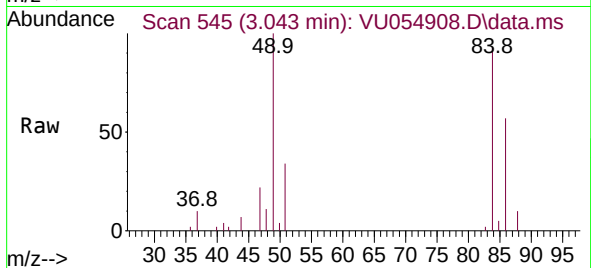
78 7.2 7.1 10.7





#15
Methylene Chloride
Concen: 2.422 ug/l
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

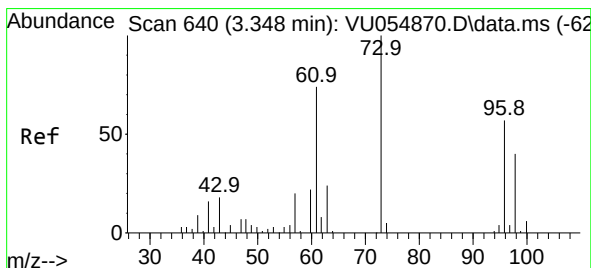
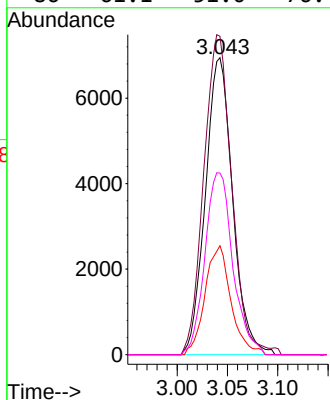
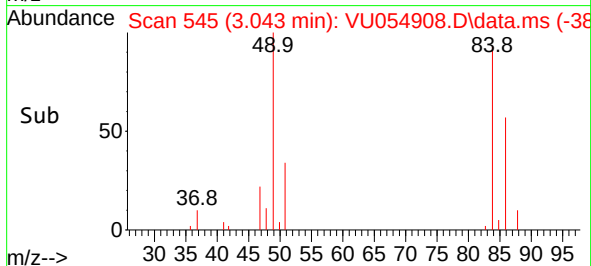
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



Tgt Ion: 84 Resp: 1310
Ion Ratio Lower Upper
84 100
49 107.2 87.8 131.6
51 36.7 0.0 68.2
86 61.1 51.0 76.4

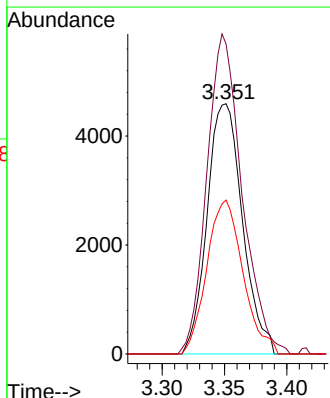
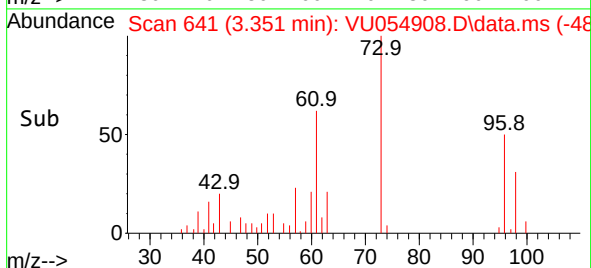
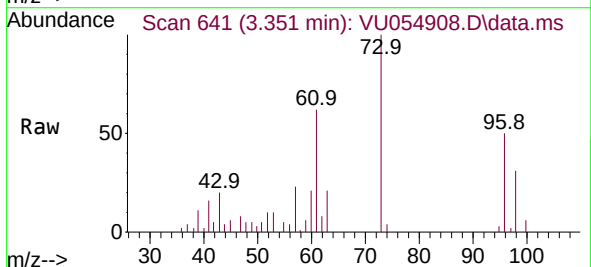
Manual Integrations
APPROVED

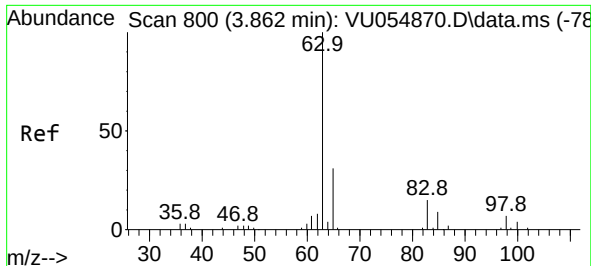
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 1.998 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 96 Resp: 9077
Ion Ratio Lower Upper
96 100
61 123.9 96.4 144.6
98 61.5 49.3 73.9





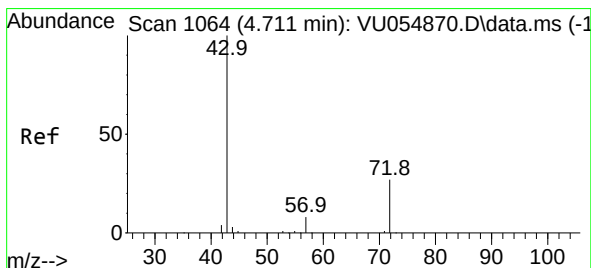
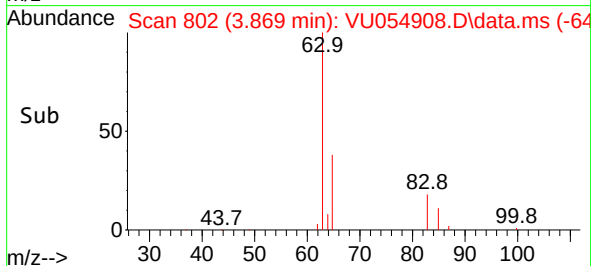
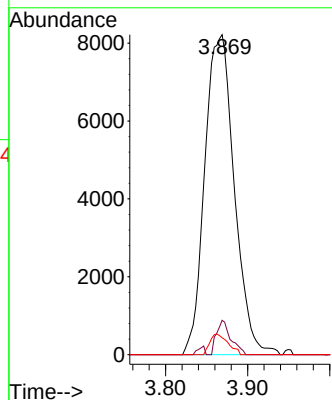
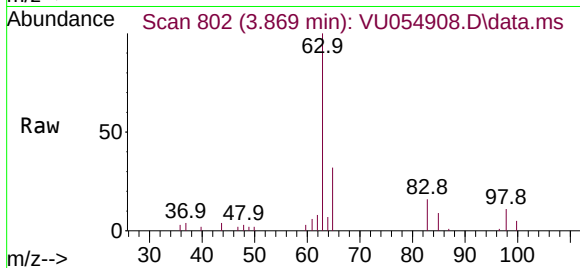
#17
1,1-Dichloroethane
Concen: 2.029 ug/l
RT: 3.869 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 63 Resp: 2061
Ion Ratio Lower Upper
63 100
98 10.7 3.6 10.8
100 5.3 2.8 8.4

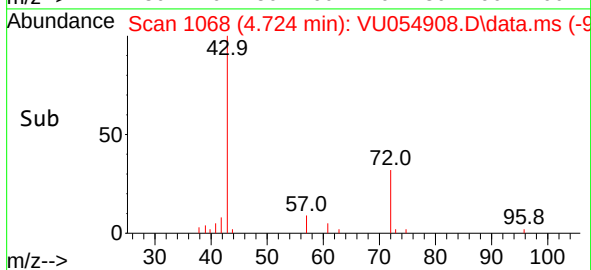
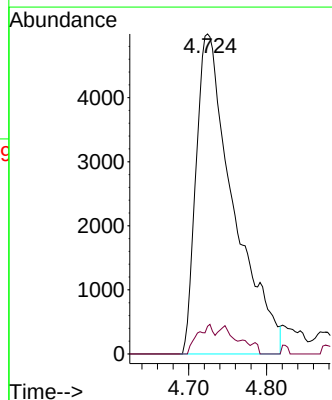
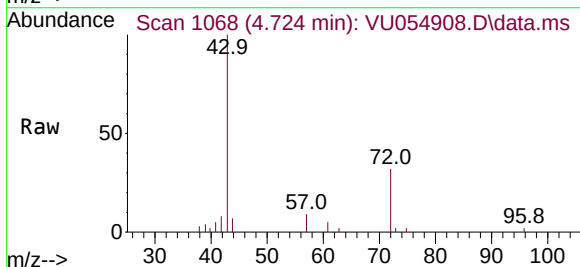
Manual Integrations
APPROVED

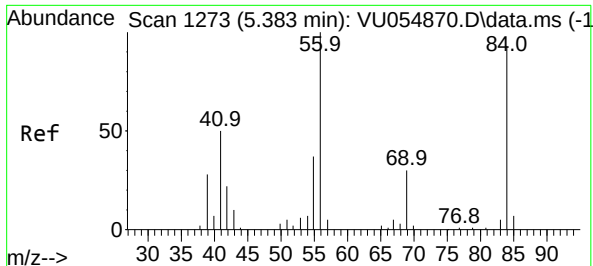
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 11.953 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.013 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 43 Resp: 16502
Ion Ratio Lower Upper
43 100
57 9.0 0.0 20.8





#19

Cyclohexane

Concen: 2.184 ug/l m

RT: 5.390 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

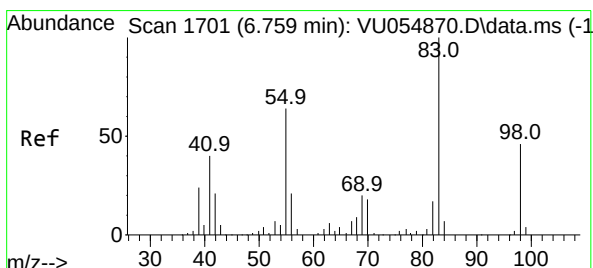
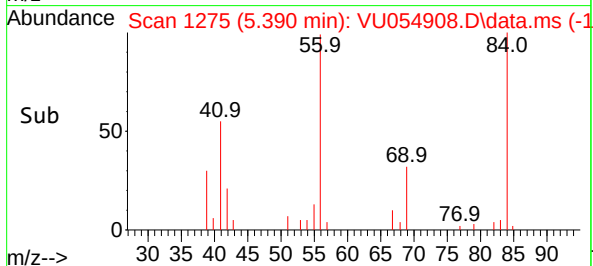
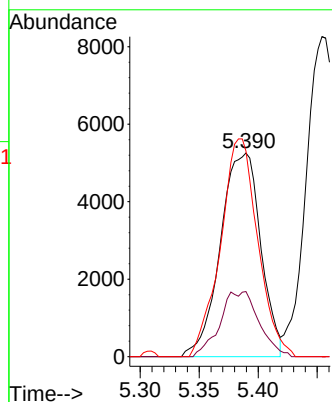
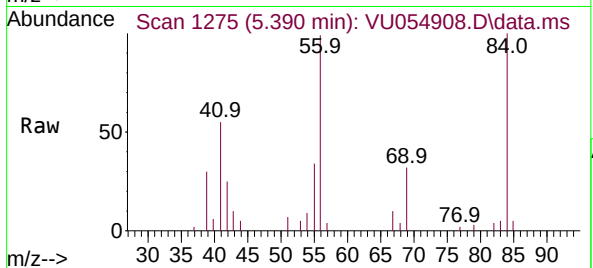
Tgt Ion:	56	Resp:	1248
Ion Ratio	Lower	Upper	
56	100		
69	15.8	24.7	37.1
84	99.2	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 2.048 ug/l

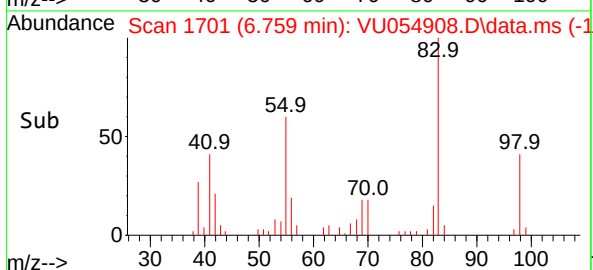
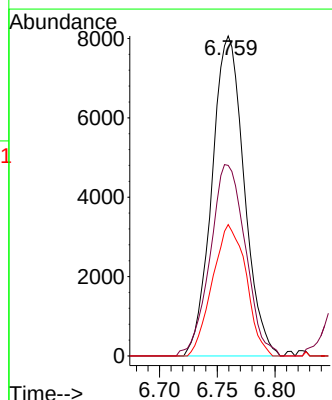
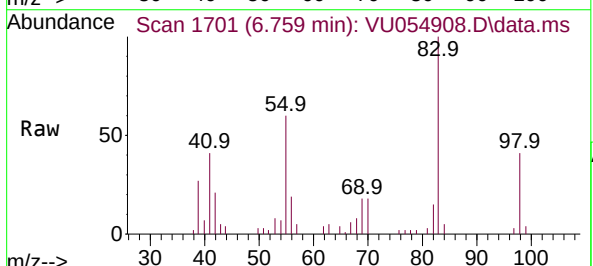
RT: 6.759 min Scan# 1701

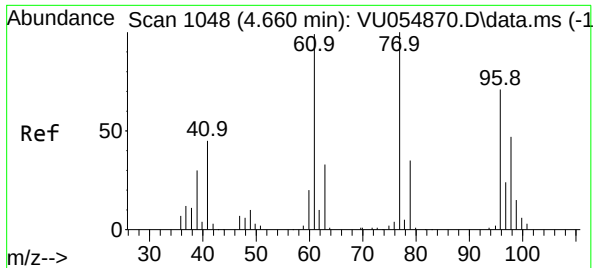
Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Tgt Ion:	83	Resp:	15652
Ion Ratio	Lower	Upper	
83	100		
55	65.3	51.6	77.4
98	43.0	38.2	57.2





#21

2,2-Dichloropropane

Concen: 1.852 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion: 77 Resp: 1744

Ion Ratio Lower Upper

77 100

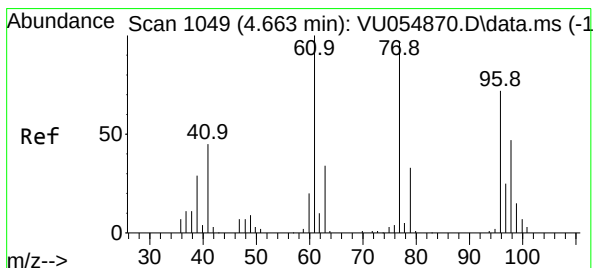
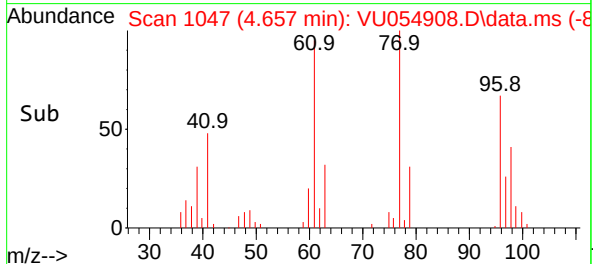
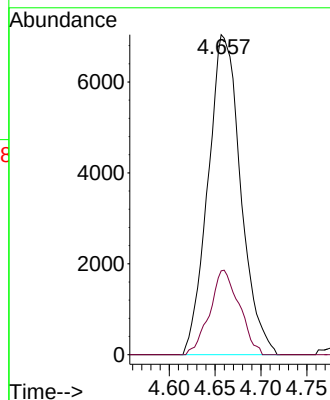
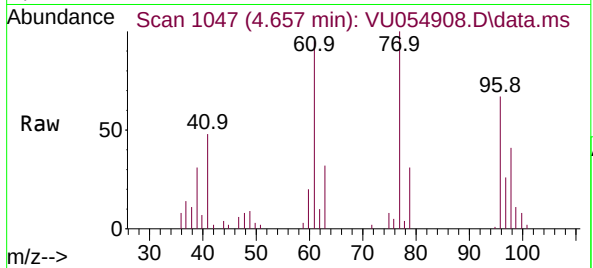
97 23.9 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#22

cis-1,2-Dichloroethene

Concen: 2.015 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

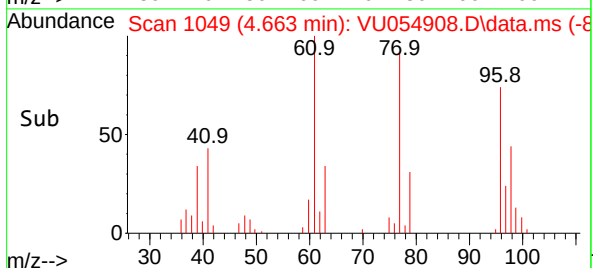
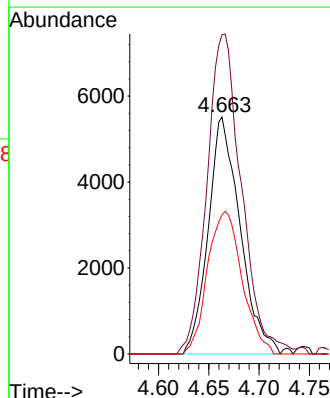
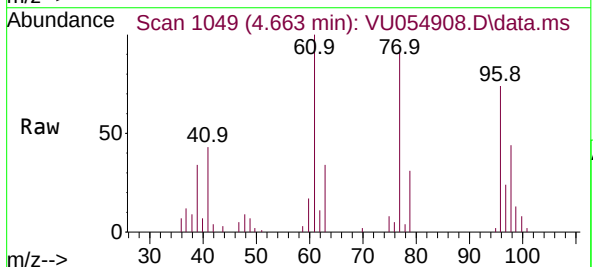
Tgt Ion: 96 Resp: 12165

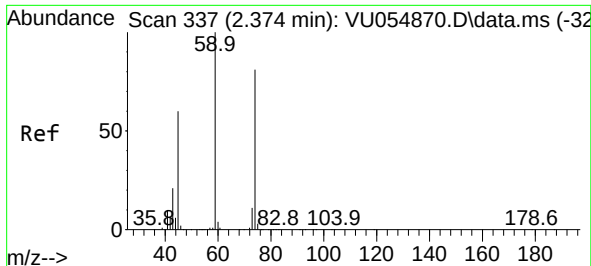
Ion Ratio Lower Upper

96 100

61 145.7 0.0 332.0

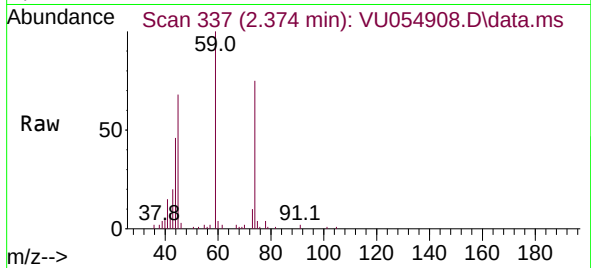
98 65.2 32.5 97.5





#23
Diethyl Ether
Concen: 2.116 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

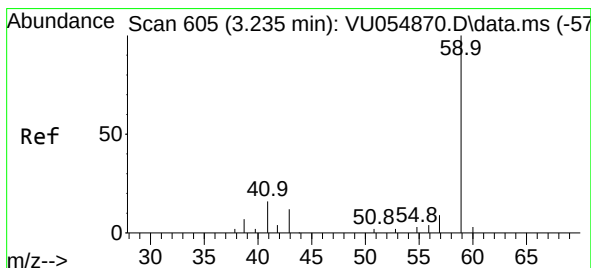
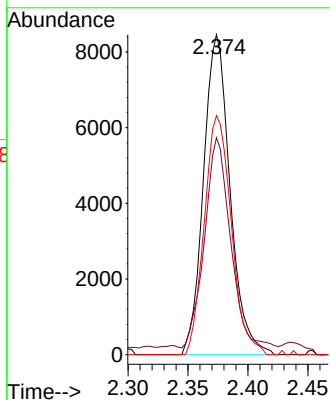
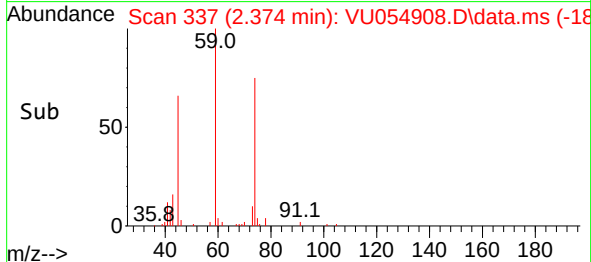
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



Tgt Ion: 59 Resp: 1302
Ion Ratio Lower Upper
59 100
45 66.2 51.4 77.0
74 76.0 63.1 94.7

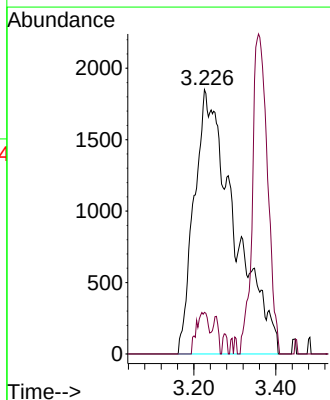
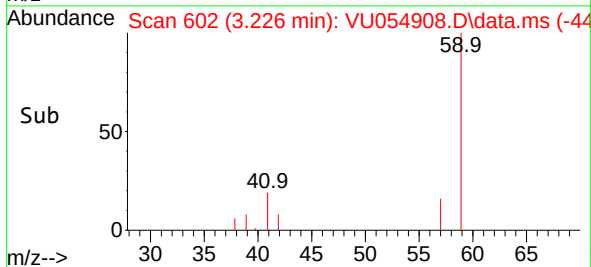
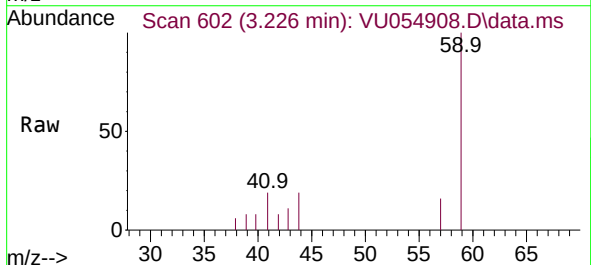
Manual Integrations
APPROVED

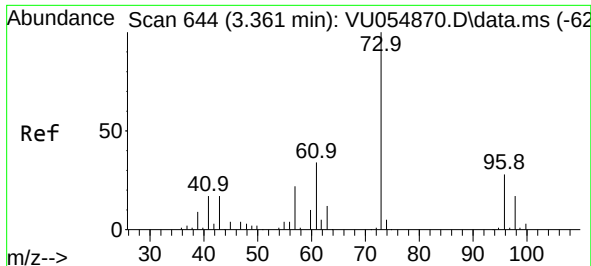
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 21.962 ug/l m
RT: 3.226 min Scan# 602
Delta R.T. -0.009 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

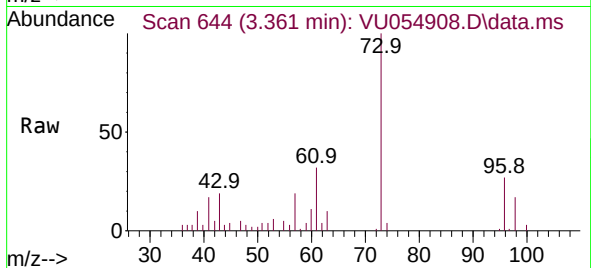
Tgt Ion: 59 Resp: 12577
Ion Ratio Lower Upper
59 100
57 4.7 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 2.176 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

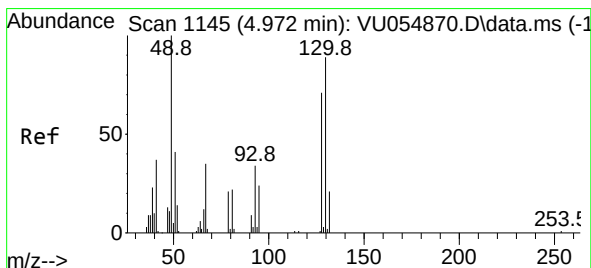
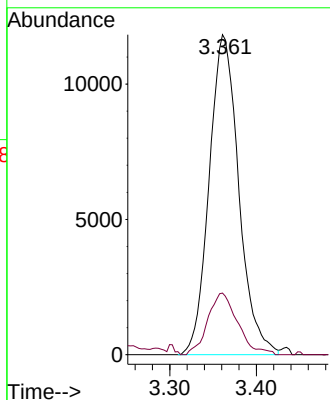
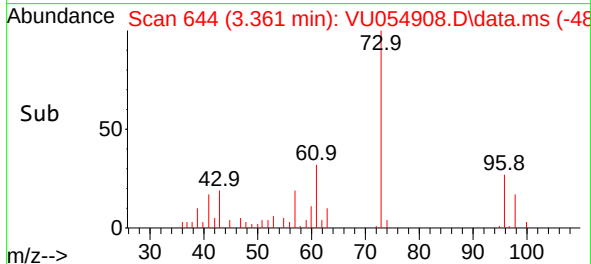
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



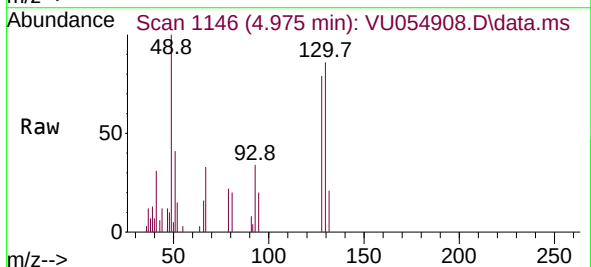
Tgt Ion: 73 Resp: 28089
Ion Ratio Lower Upper
73 100
43 19.5 14.6 22.0

Manual Integrations
APPROVED

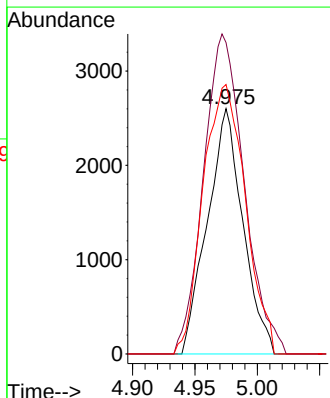
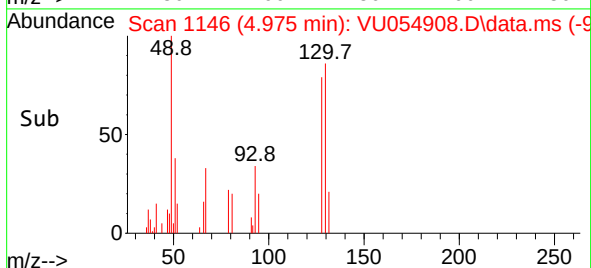
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

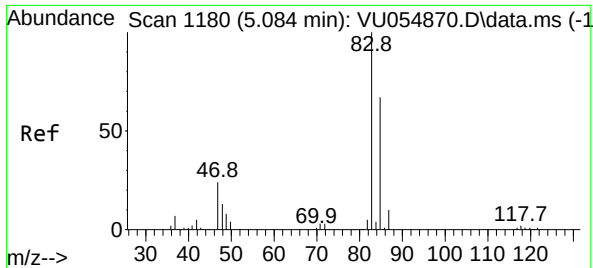


#26
Bromochloromethane
Concen: 2.080 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion:128 Resp: 5150
Ion Ratio Lower Upper
128 100
49 149.4 0.0 304.0
130 131.1 104.3 156.5





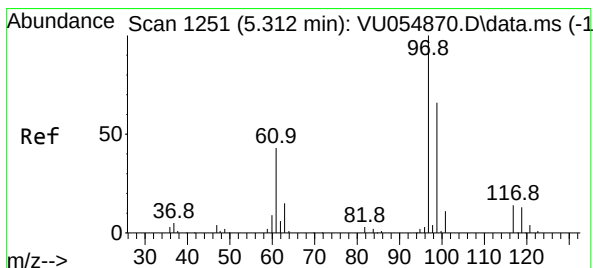
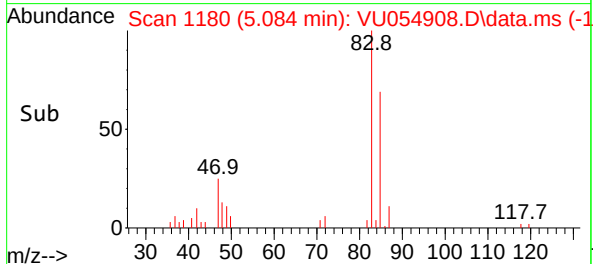
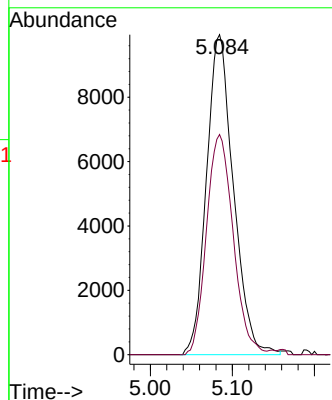
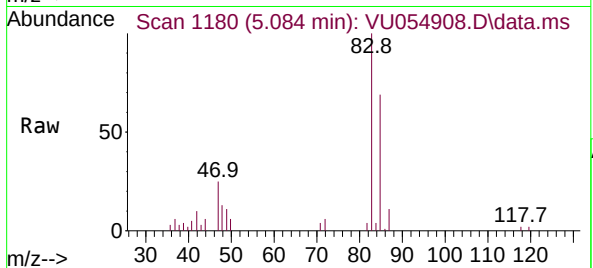
#27
Chloroform
Concen: 2.081 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 83 Resp: 22708
Ion Ratio Lower Upper
83 100
85 68.8 0.0 135.2

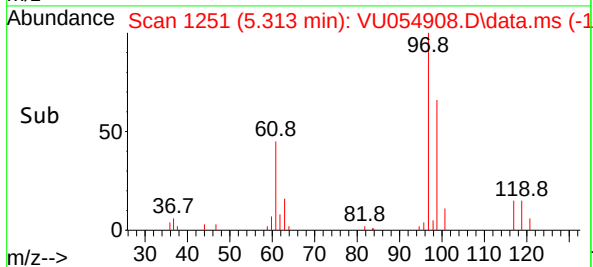
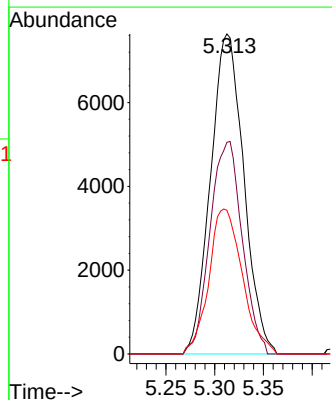
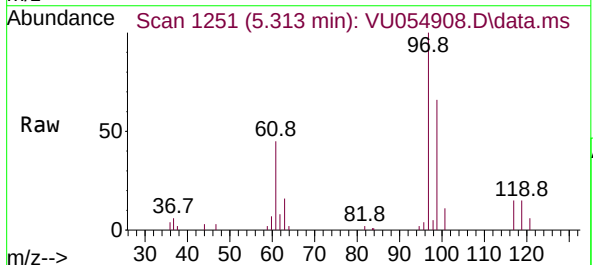
Manual Integrations
APPROVED

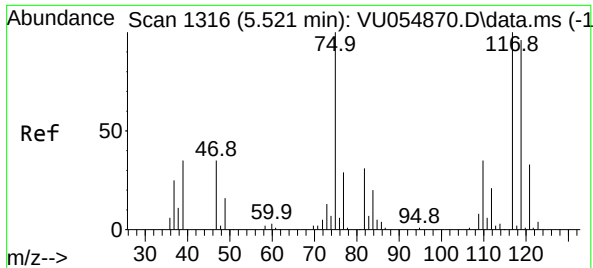
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#28
1,1,1-Trichloroethane
Concen: 1.921 ug/l
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 97 Resp: 18105
Ion Ratio Lower Upper
97 100
99 64.3 32.0 96.2
61 45.7 21.0 63.0





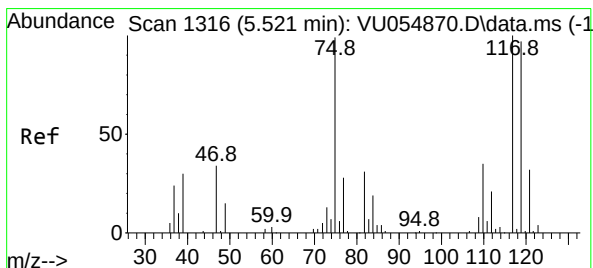
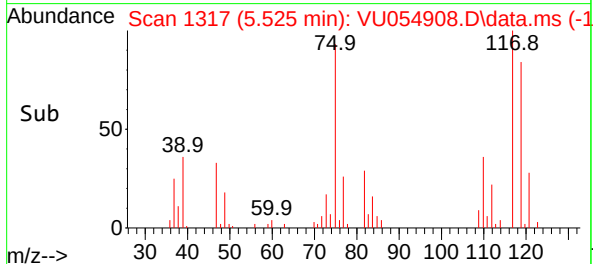
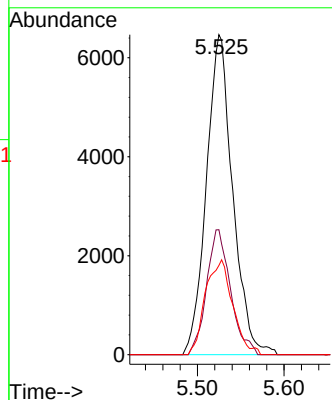
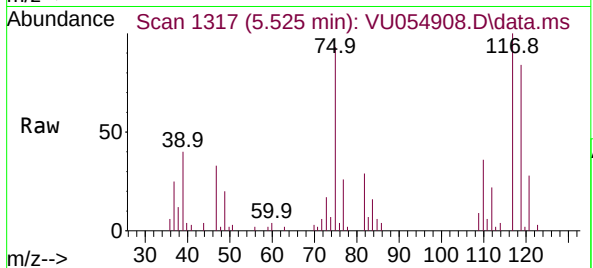
#29
1,1-Dichloropropene
Concen: 1.960 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 75 Resp: 13624
Ion Ratio Lower Upper
75 100
110 35.6 18.5 55.5
77 30.7 24.9 37.3

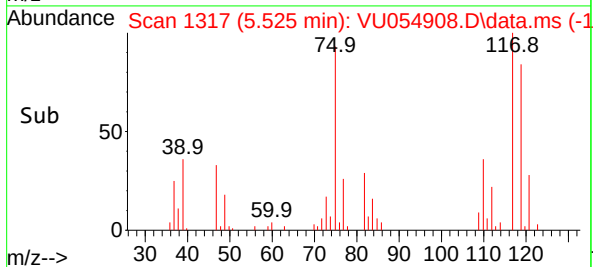
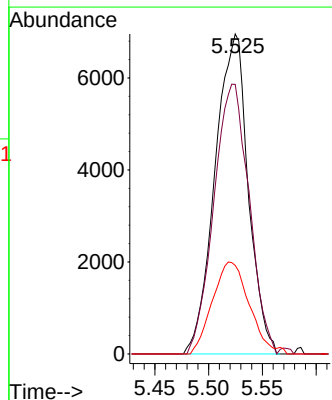
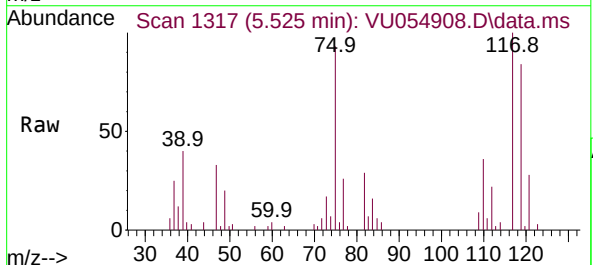
Manual Integrations
APPROVED

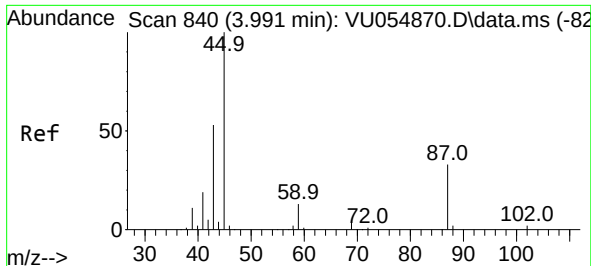
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Carbon Tetrachloride
Concen: 1.901 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:117 Resp: 14952
Ion Ratio Lower Upper
117 100
119 85.8 75.6 113.4
121 27.6 23.4 35.0





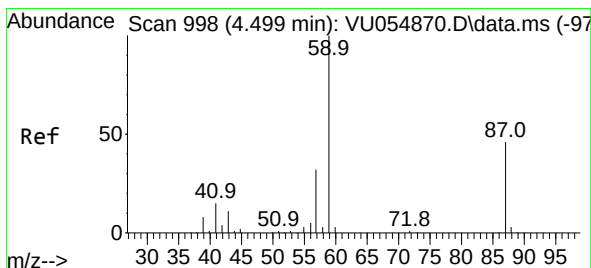
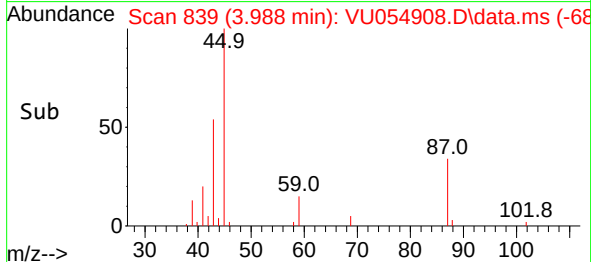
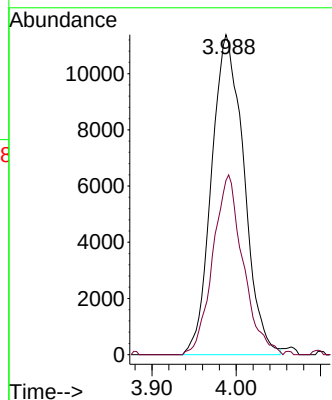
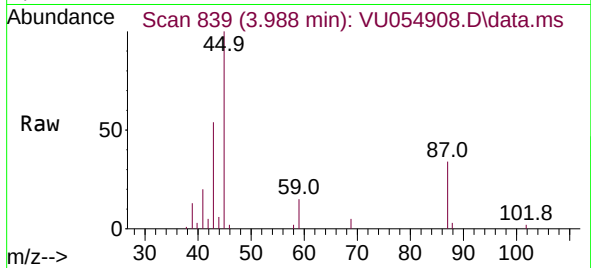
#31
Isopropyl Ether
Concen: 2.019 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 45 Resp: 30274
Ion Ratio Lower Upper
45 100
43 52.5 26.4 79.2

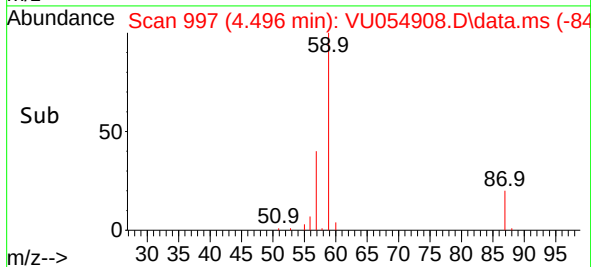
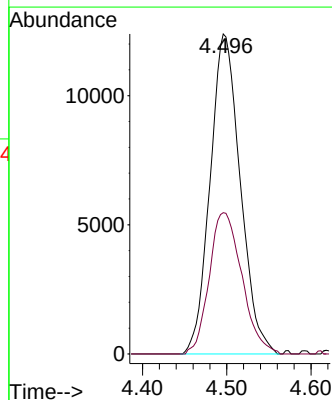
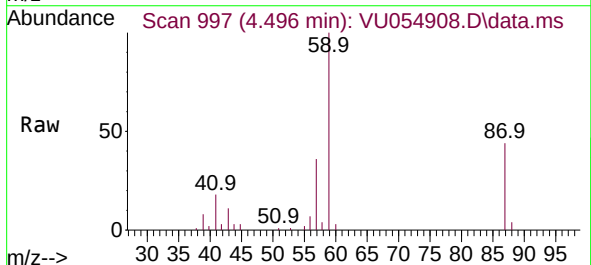
Manual Integrations
APPROVED

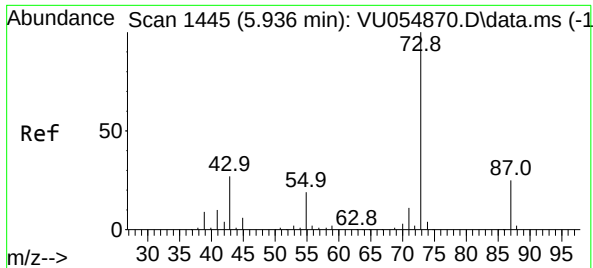
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 1.996 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

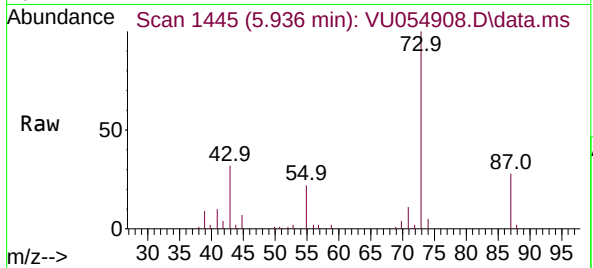
Tgt Ion: 59 Resp: 30810
Ion Ratio Lower Upper
59 100
87 47.7 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 2.013 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

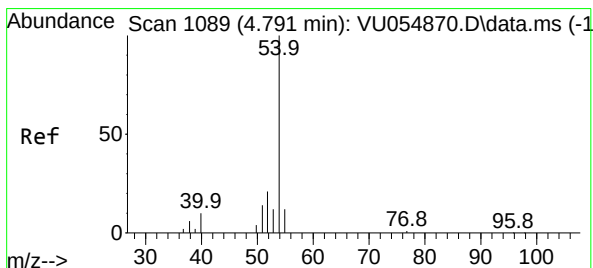
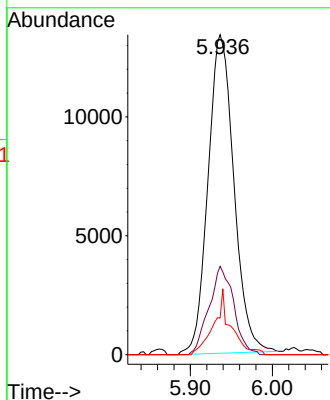
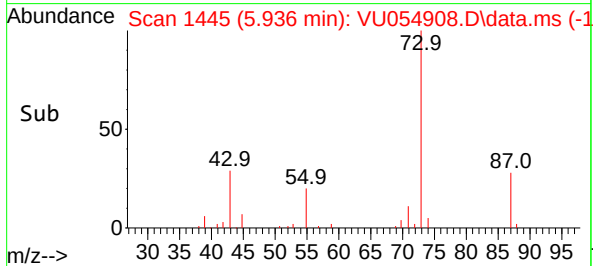
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



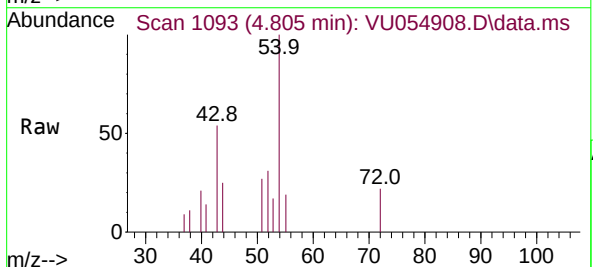
Tgt Ion: 73 Resp: 2938
Ion Ratio Lower Upper
73 100
87 26.4 19.6 29.4
71 13.5 9.1 13.7

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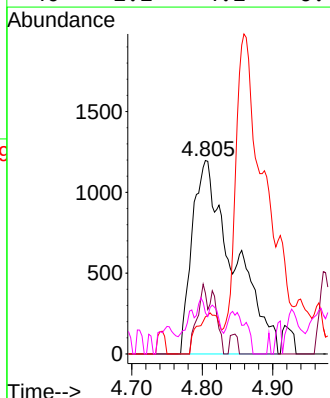
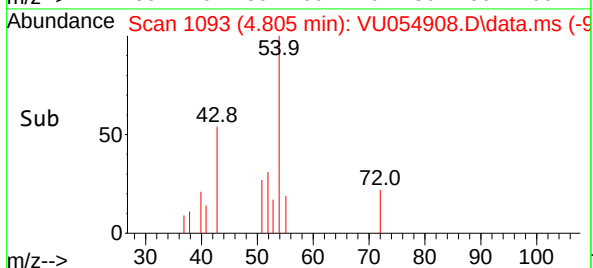
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

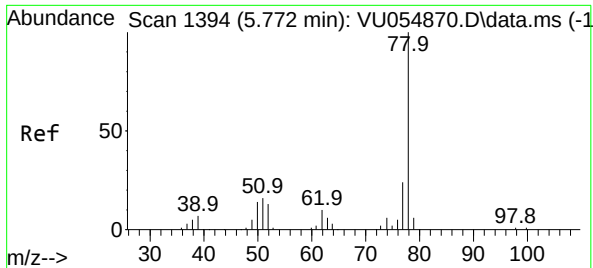


#34
Propionitrile
Concen: 12.805 ug/l m
RT: 4.805 min Scan# 1093
Delta R.T. 0.013 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion: 54 Resp: 4874
Ion Ratio Lower Upper
54 100
52 8.7 13.8 20.8#
55 0.0 4.8 7.2#
40 2.2 4.2 6.4#





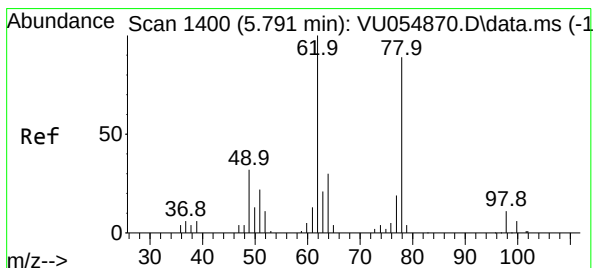
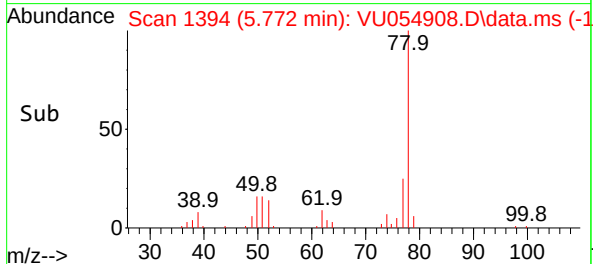
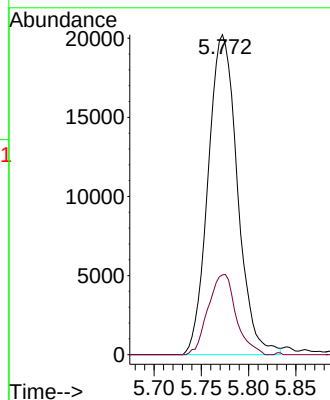
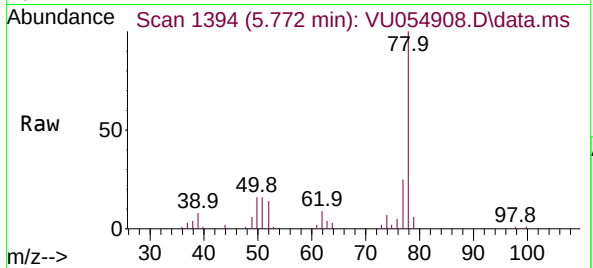
#35
Benzene
Concen: 2.005 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 78 Resp: 43649
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.2

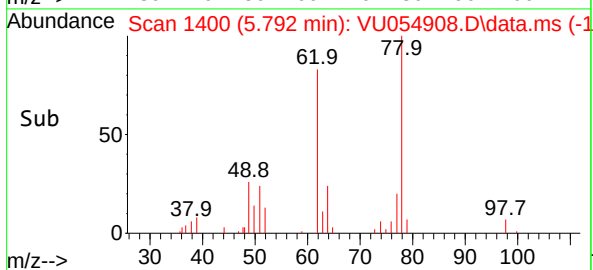
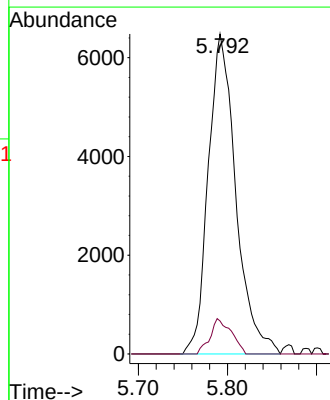
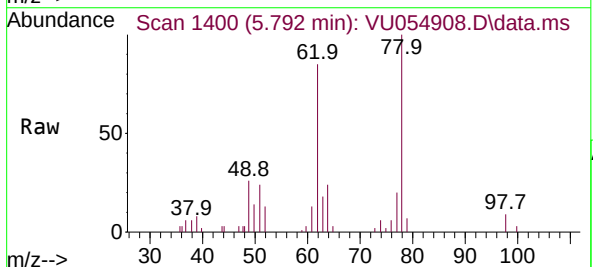
Manual Integrations
APPROVED

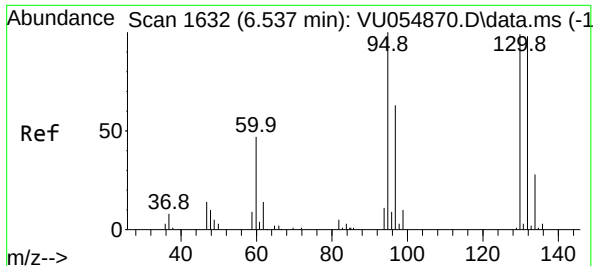
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 2.254 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 62 Resp: 13956
Ion Ratio Lower Upper
62 100
98 8.5 7.8 11.8





#37

Trichloroethene

Concen: 2.038 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion:130 Resp: 1193

Ion Ratio Lower Upper

130 100

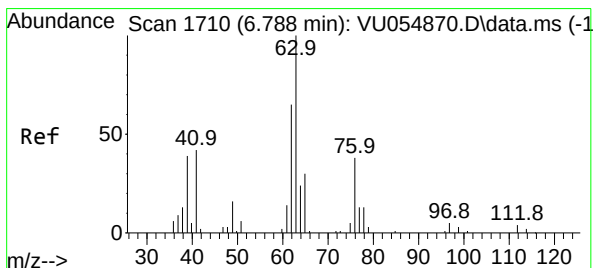
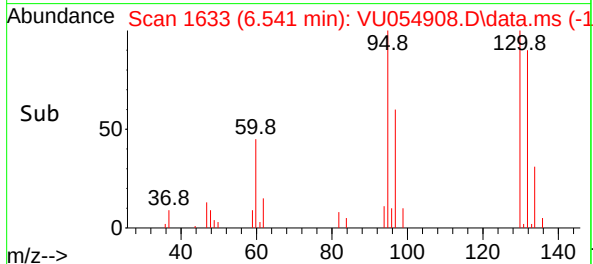
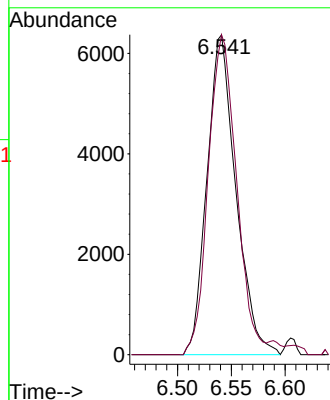
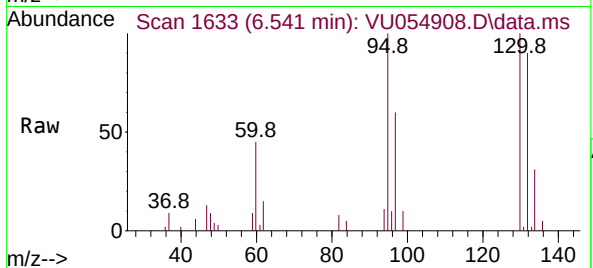
95 100.1 76.8 115.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

1,2-Dichloropropane

Concen: 2.120 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.003 min

Lab File: VU054908.D

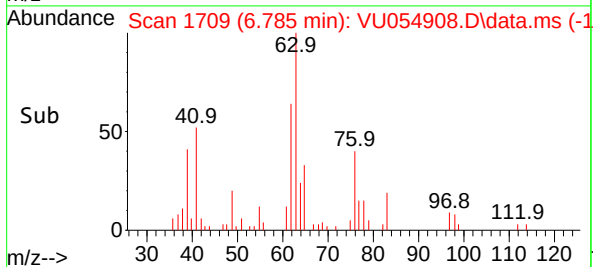
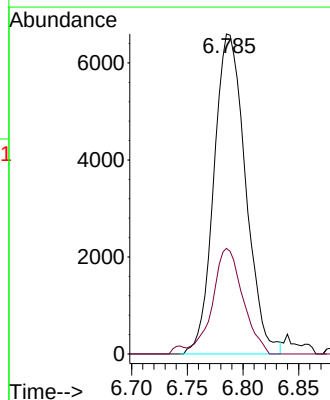
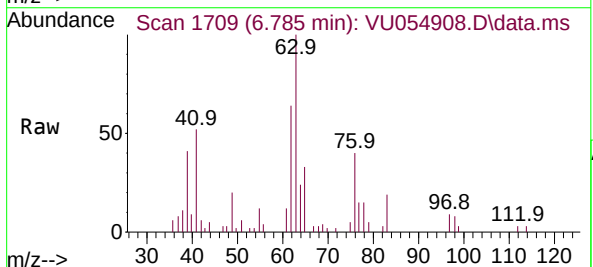
Acq: 28 Jul 2023 12:25

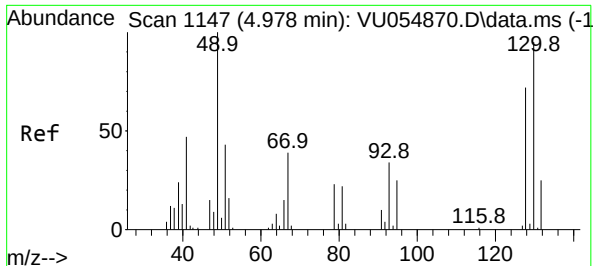
Tgt Ion: 63 Resp: 13046

Ion Ratio Lower Upper

63 100

65 33.0 24.3 36.5





#39

Methacrylonitrile

Concen: 2.232 ug/l m

RT: 4.981 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion: 41 Resp: 3400

Ion Ratio Lower Upper

41 100

67 54.3 77.0 115.4

39 5.7 50.4 75.6

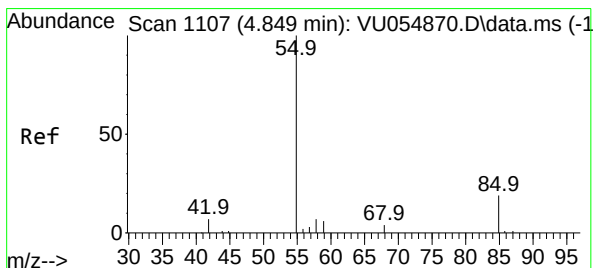
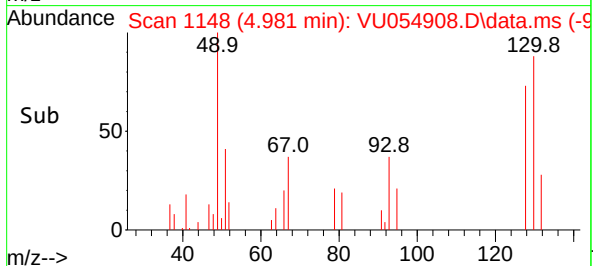
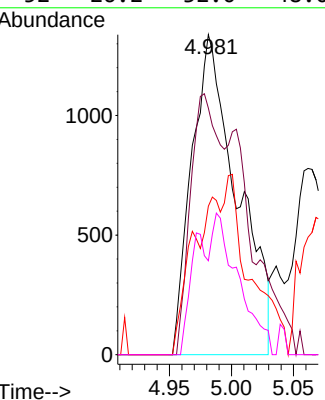
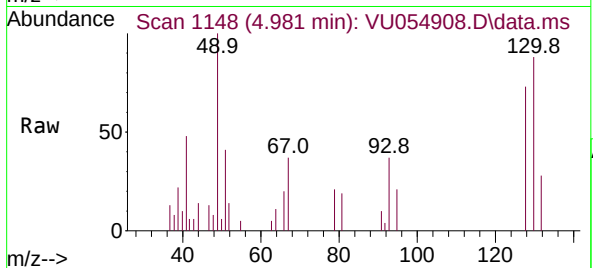
52 26.2 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 2.405 ug/l m

RT: 4.859 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Tgt Ion: 55 Resp: 5835

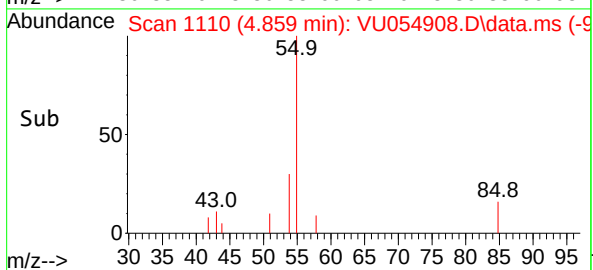
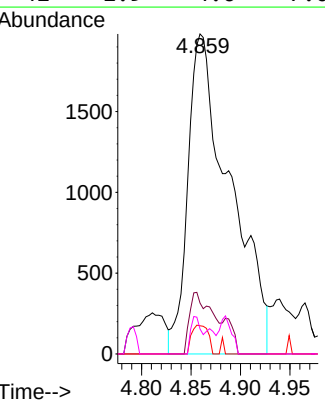
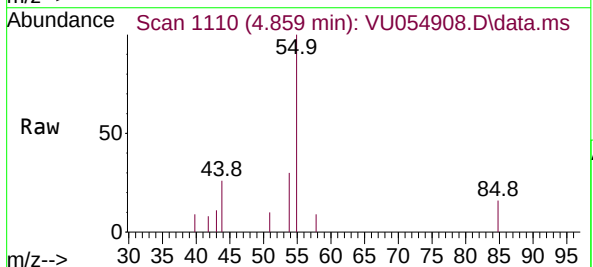
Ion Ratio Lower Upper

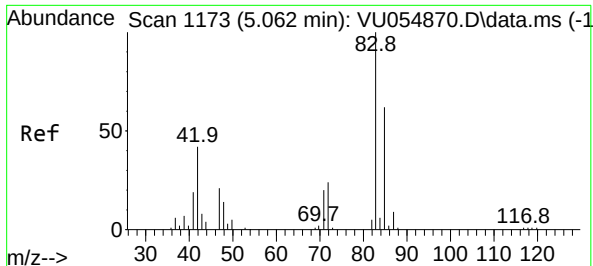
55 100

85 10.1 13.0 19.6

58 3.5 5.7 8.5

42 2.9 4.6 7.0





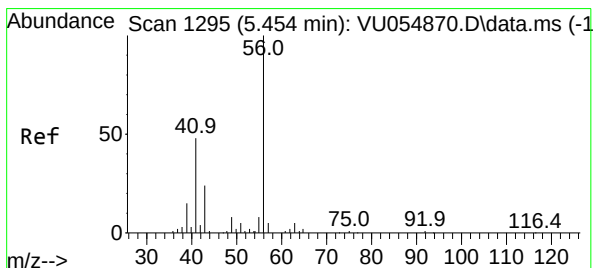
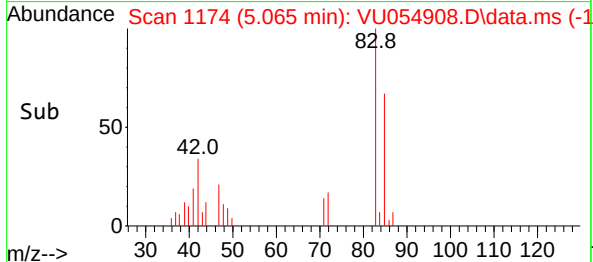
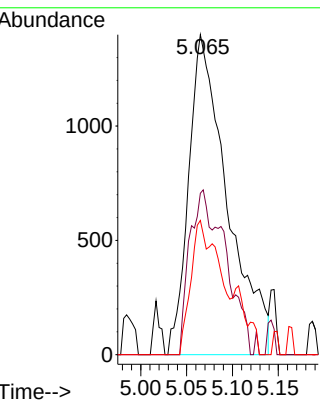
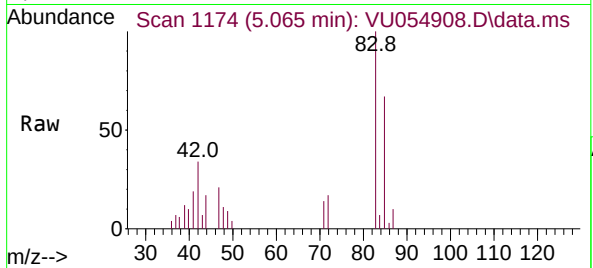
#41
Tetrahydrofuran
Concen: 4.712 ug/l
RT: 5.065 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 42 Resp: 411
Ion Ratio Lower Upper
42 100
72 27.8 42.1 63.1
71 30.5 39.7 59.5

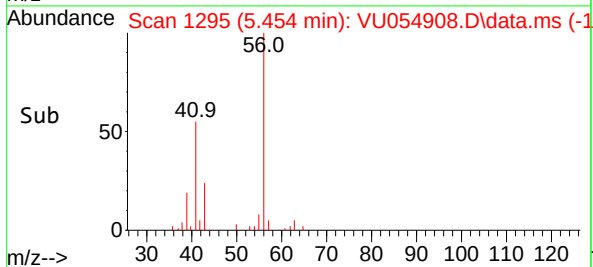
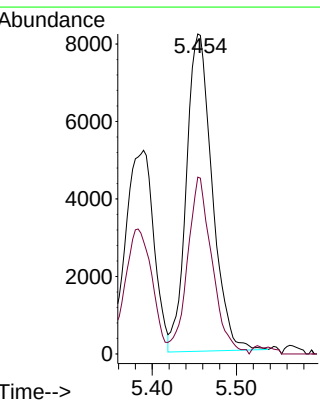
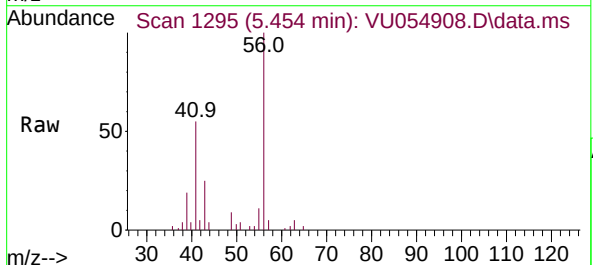
Manual Integrations
APPROVED

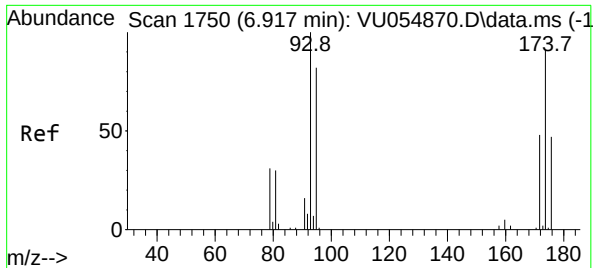
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 1.914 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

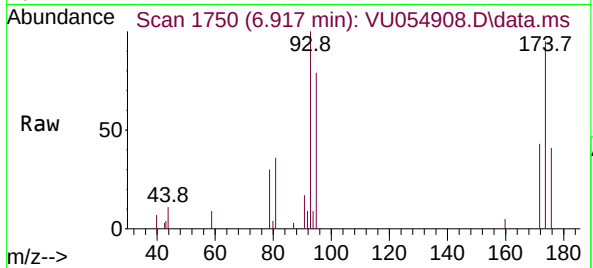
Tgt Ion: 56 Resp: 17418
Ion Ratio Lower Upper
56 100
41 53.1 23.9 71.7





#43
Dibromomethane
Concen: 2.146 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

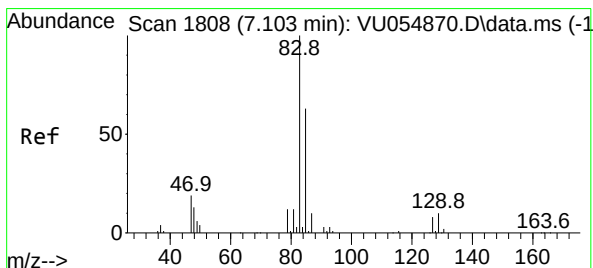
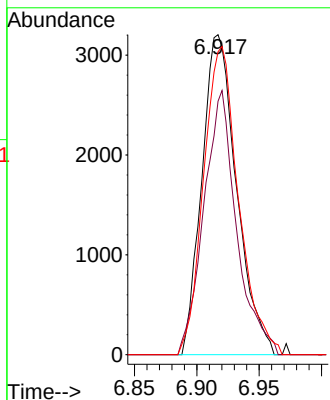
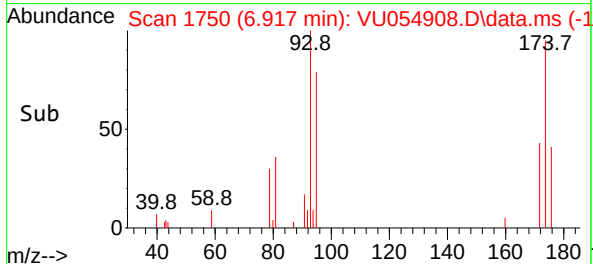
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



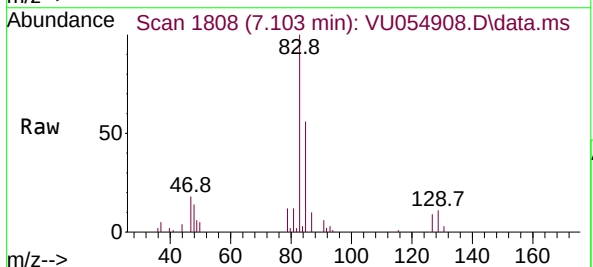
Tgt Ion: 93 Resp: 620
Ion Ratio Lower Upper
93 100
95 77.8 64.7 97.1
174 97.2 74.4 111.6

Manual Integrations
APPROVED

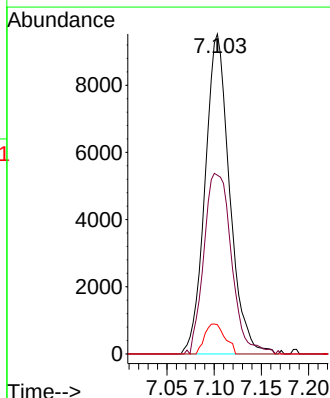
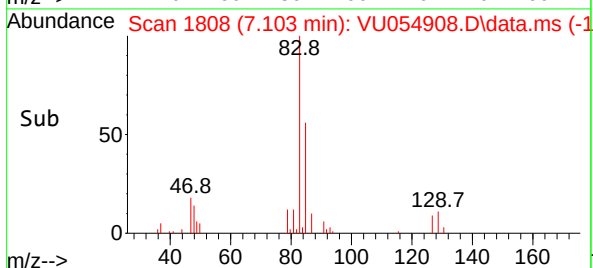
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

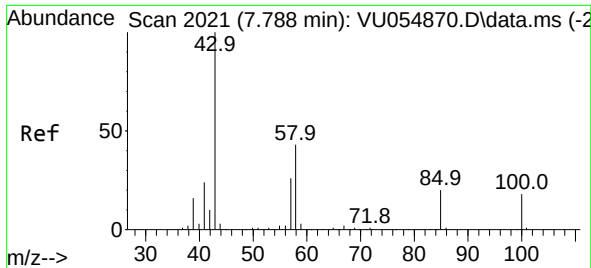


#44
Bromodichloromethane
Concen: 2.134 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion: 83 Resp: 17187
Ion Ratio Lower Upper
83 100
85 55.9 52.2 78.2
127 9.1 6.1 9.1#





#45
4-Methyl-2-Pentanone
Concen: 11.366 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

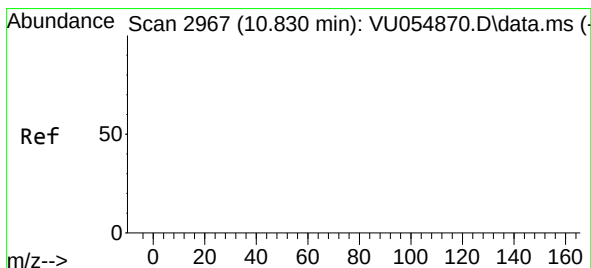
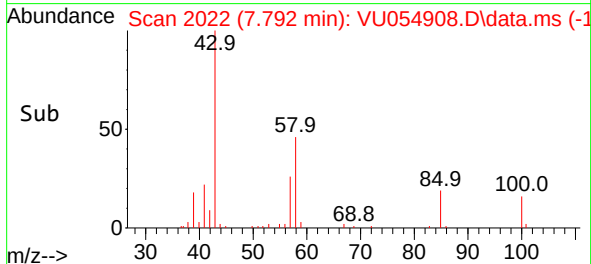
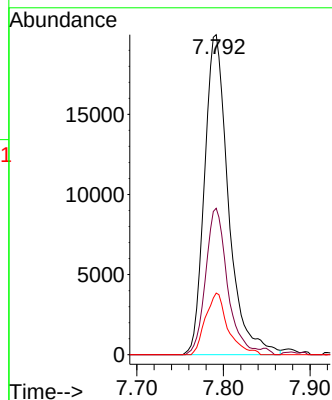
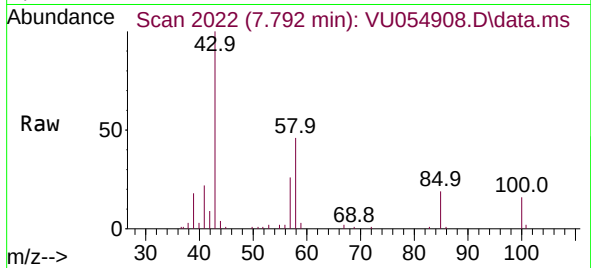
VU0728WBSD01

Tgt Ion: 43 Resp: 38329
Ion Ratio Lower Upper
43 100
58 42.0 21.3 63.7
85 18.0 15.3 22.9

Manual Integrations

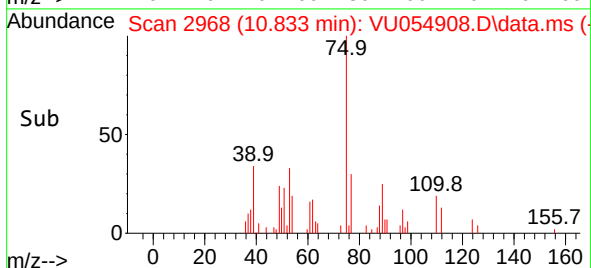
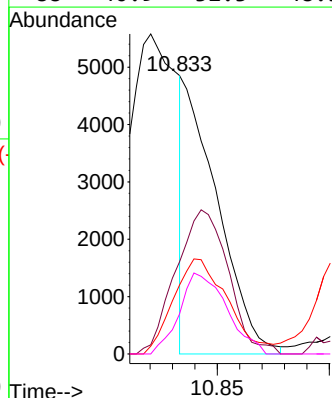
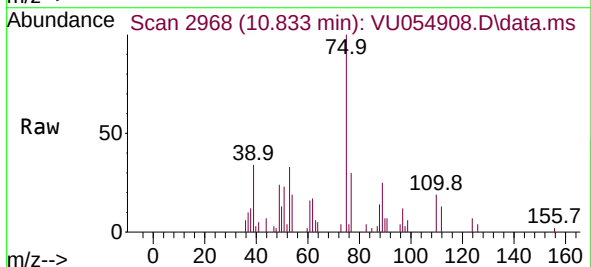
APPROVED

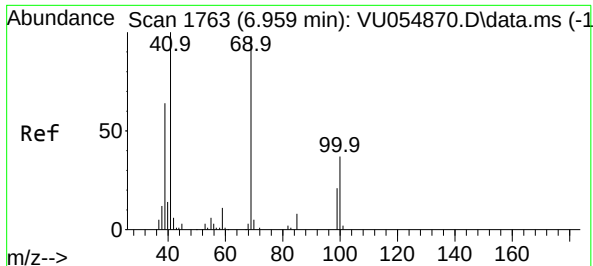
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 3.708 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 75 Resp: 5031
Ion Ratio Lower Upper
75 100
53 80.9 62.9 94.3
89 55.3 47.8 71.8
88 40.9 32.3 48.5





#47

Methyl methacrylate

Concen: 4.509 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion: 69 Resp: 1191

Ion Ratio Lower Upper

69 100

41 101.1 0.0 193.0

39 67.5 50.4 75.6

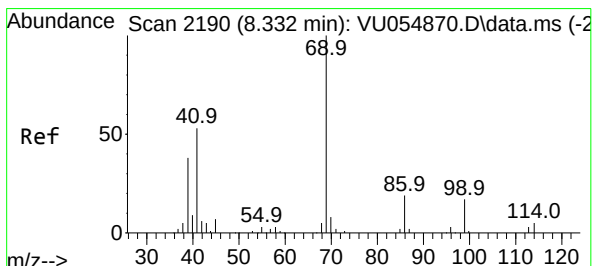
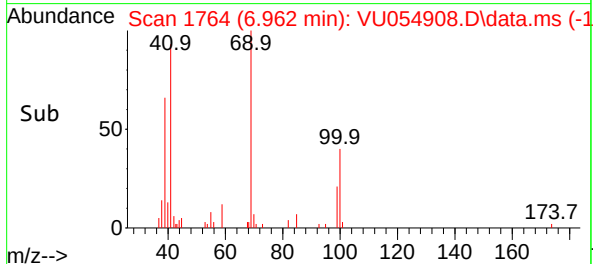
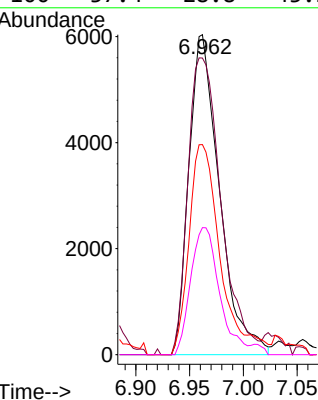
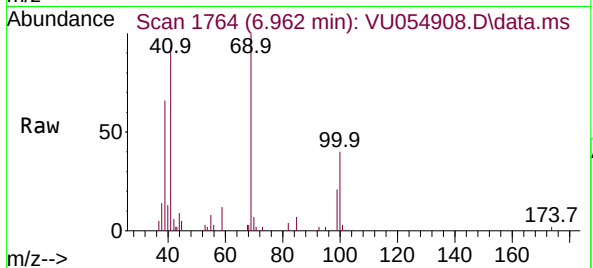
100 37.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 2.201 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054908.D

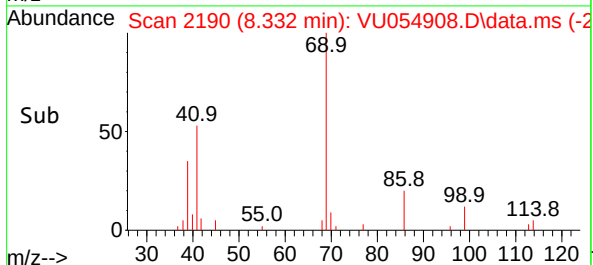
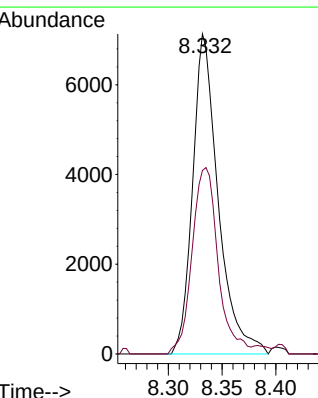
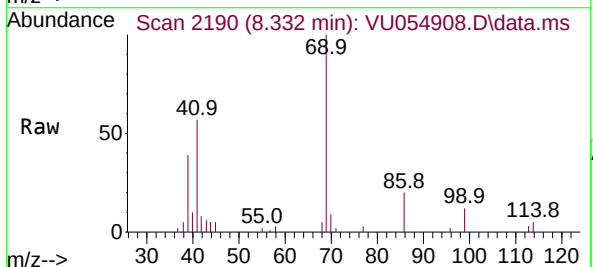
Acq: 28 Jul 2023 12:25

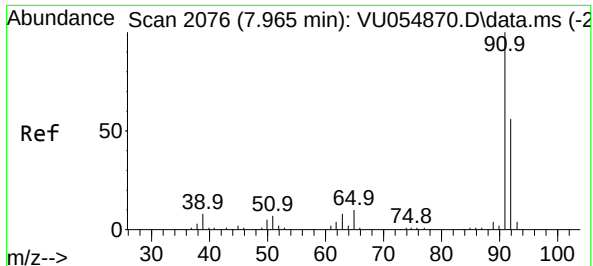
Tgt Ion: 69 Resp: 11765

Ion Ratio Lower Upper

69 100

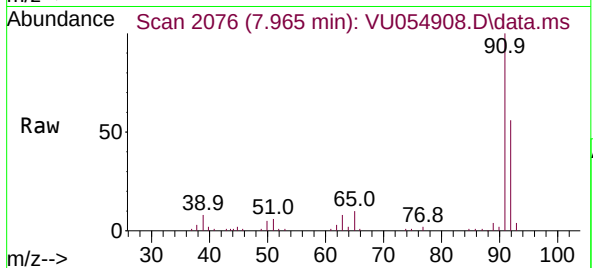
41 59.3 28.8 86.5





#49
Toluene
Concen: 2.011 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

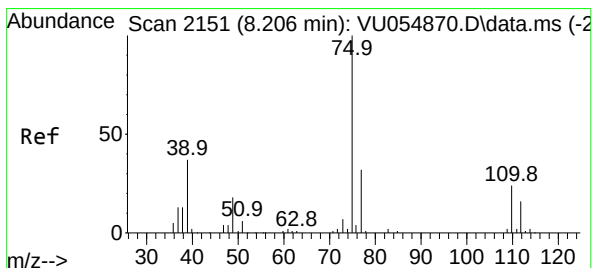
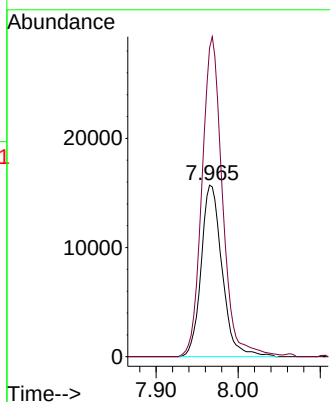
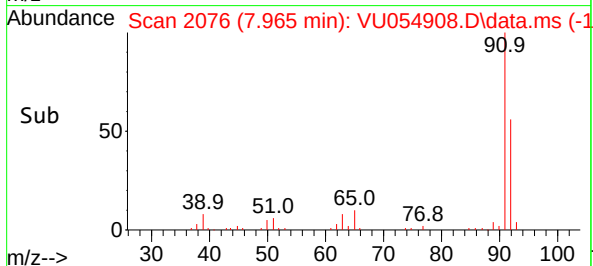
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



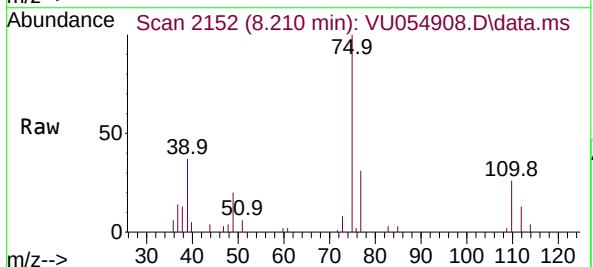
Tgt Ion: 92 Resp: 2788
Ion Ratio Lower Upper
92 100
91 182.6 142.9 214.3

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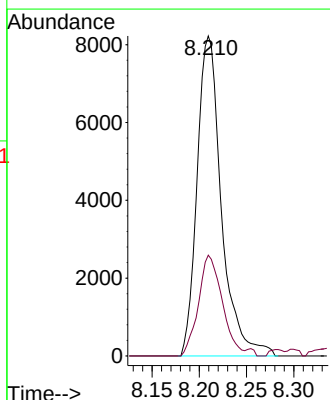
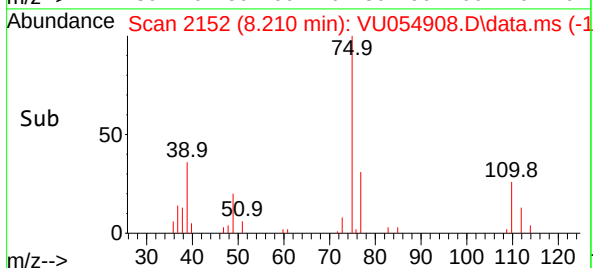
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

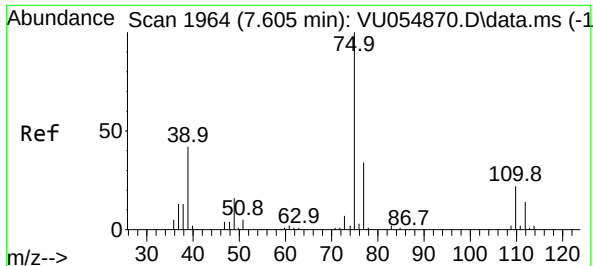


#50
t-1,3-Dichloropropene
Concen: 2.055 ug/l
RT: 8.210 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



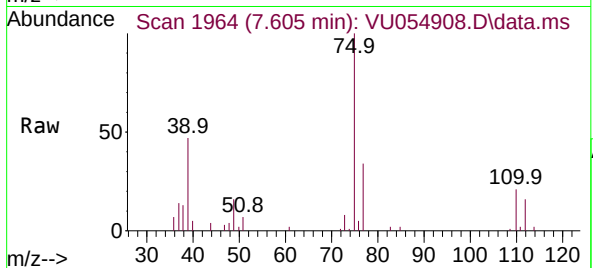
Tgt Ion: 75 Resp: 14690
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 1.956 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

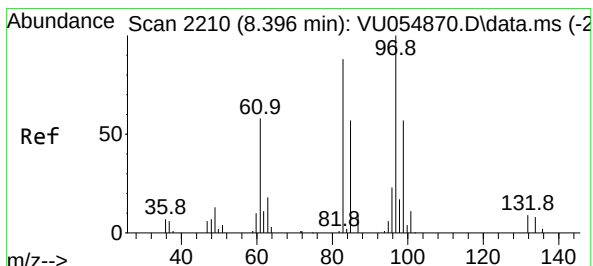
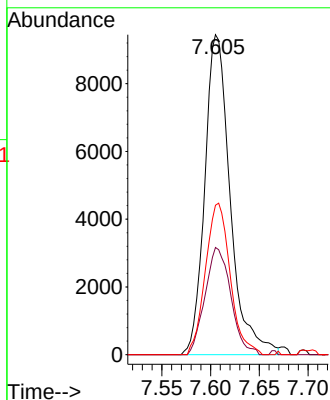
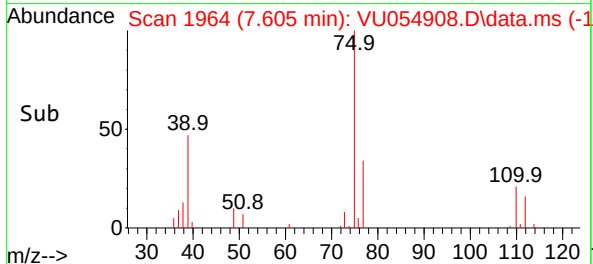
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01



Tgt Ion: 75 Resp: 1718
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.8 38.8
 39 45.6 31.7 47.5

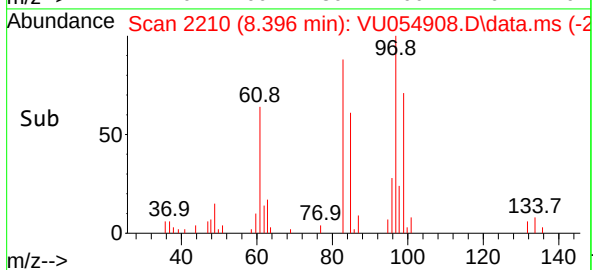
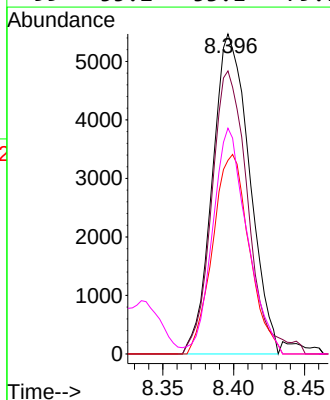
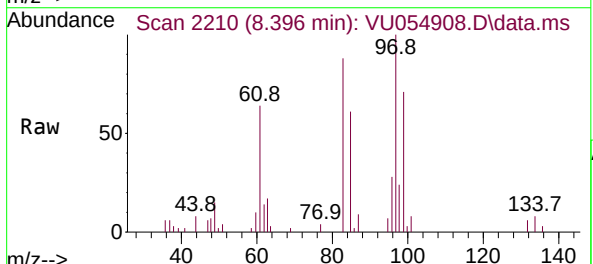
Manual Integrations
 APPROVED

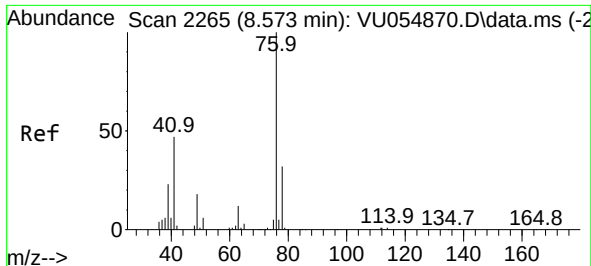
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.172 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion: 97 Resp: 9953
 Ion Ratio Lower Upper
 97 100
 83 71.4 77.4 116.2#
 85 48.9 47.8 71.8
 99 55.2 53.1 79.7





#53

1,3-Dichloropropane

Concen: 2.232 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion: 76 Resp: 16544

Ion Ratio Lower Upper

76 100

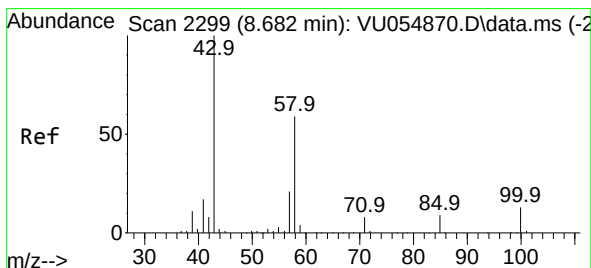
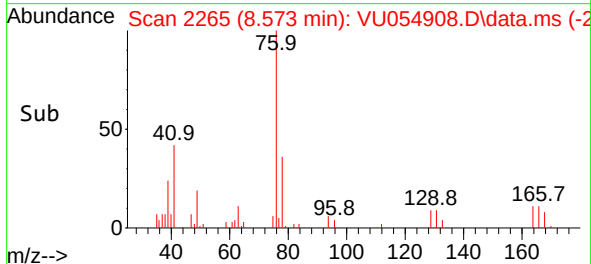
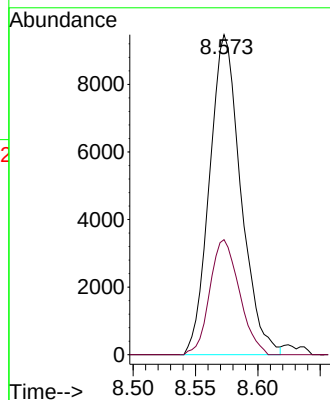
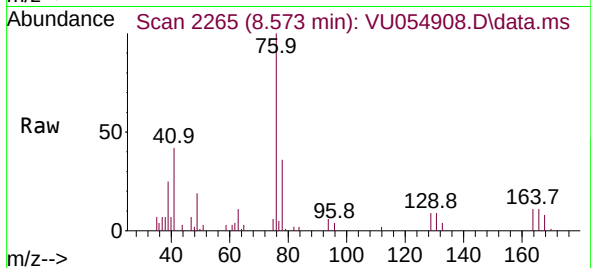
78 34.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 11.043 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

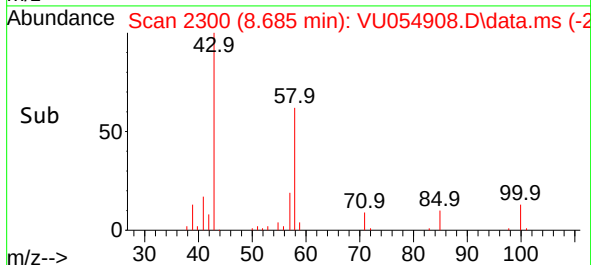
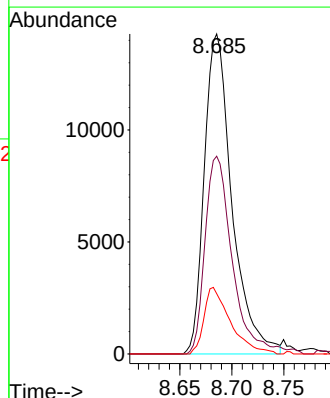
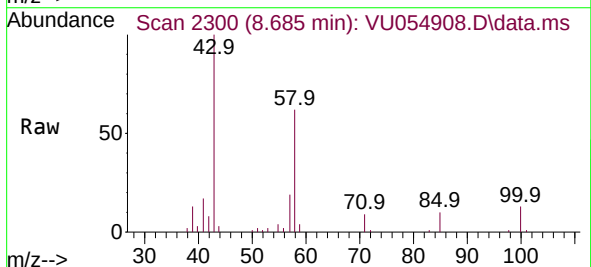
Tgt Ion: 43 Resp: 26463

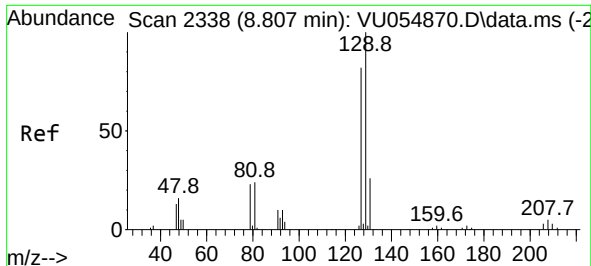
Ion Ratio Lower Upper

43 100

58 61.0 38.9 78.9

57 19.9 0.0 38.7





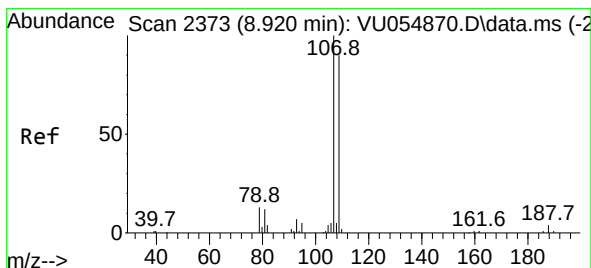
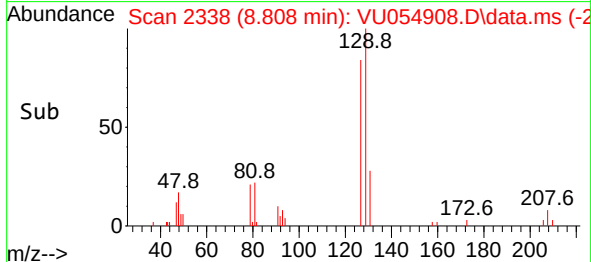
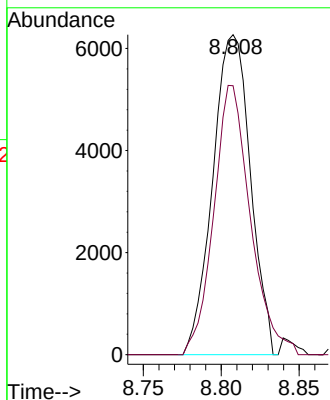
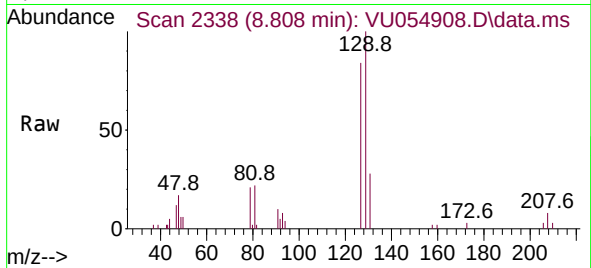
#55
Dibromochloromethane
Concen: 2.012 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:129 Resp: 1056
Ion Ratio Lower Upper
129 100
127 81.7 61.4 92.0

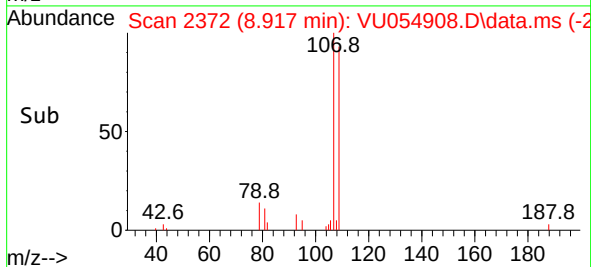
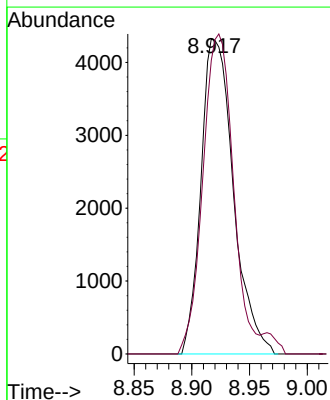
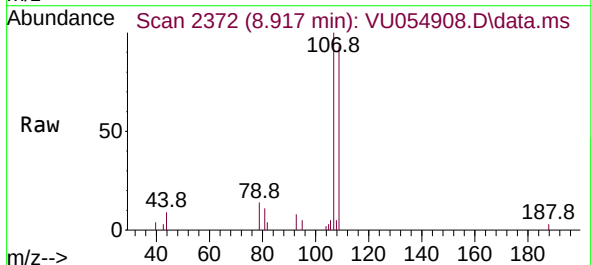
Manual Integrations
APPROVED

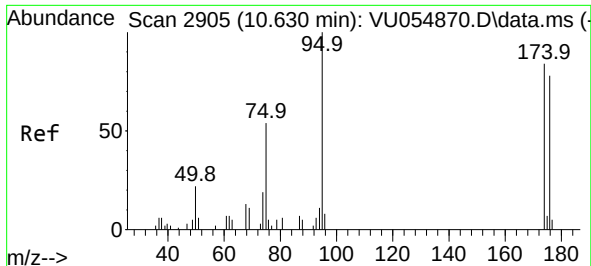
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 2.173 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

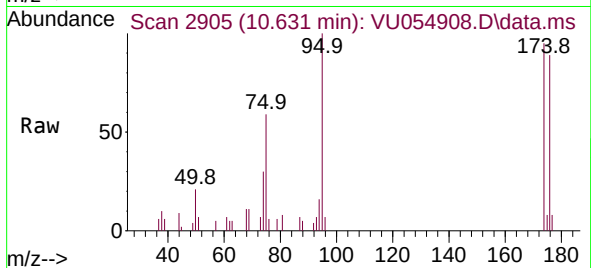
Tgt Ion:107 Resp: 8439
Ion Ratio Lower Upper
107 100
109 95.1 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.002 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

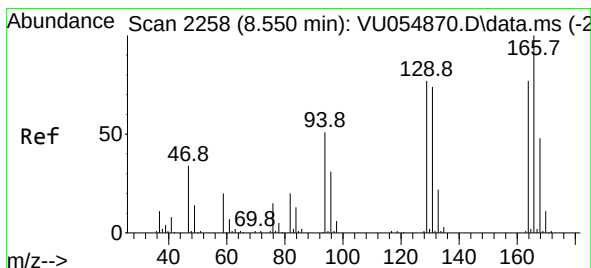
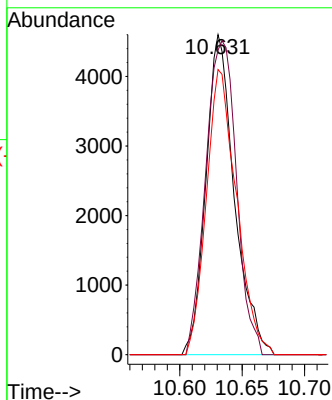
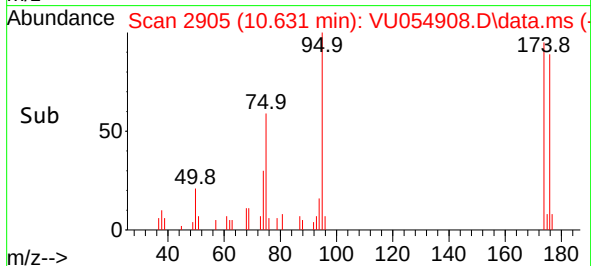
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



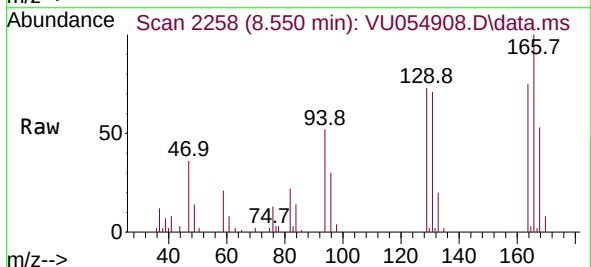
Tgt Ion: 95 Resp: 7344
Ion Ratio Lower Upper
95 100
174 105.8 79.3 118.9
176 94.0 71.5 107.3

Manual Integrations
APPROVED

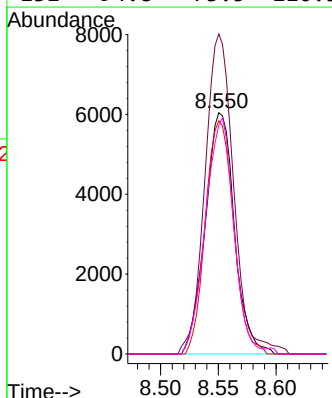
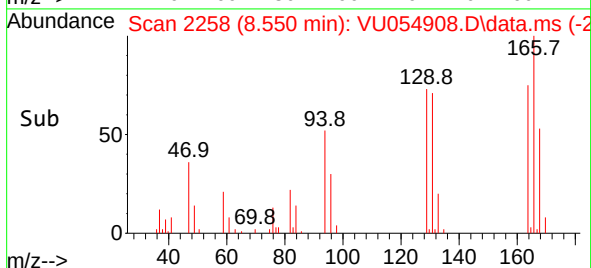
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

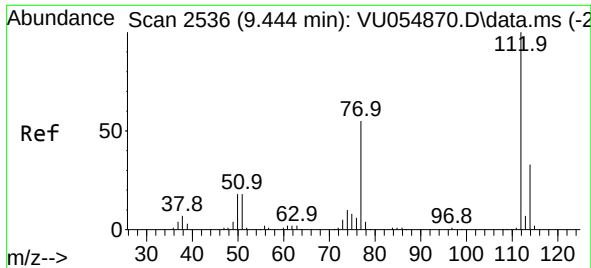


#58
Tetrachloroethene
Concen: 2.076 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion:164 Resp: 10606
Ion Ratio Lower Upper
164 100
166 132.6 100.4 150.6
129 96.7 71.9 107.9
131 94.8 73.5 110.3





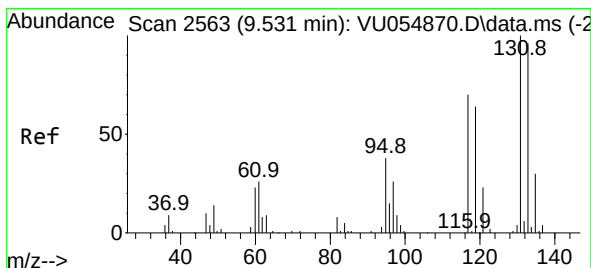
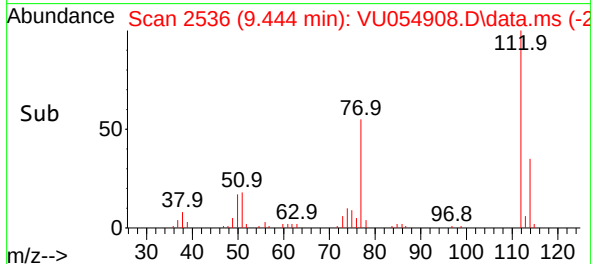
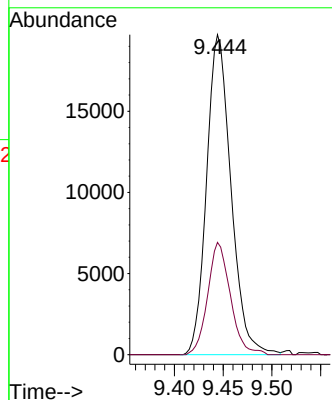
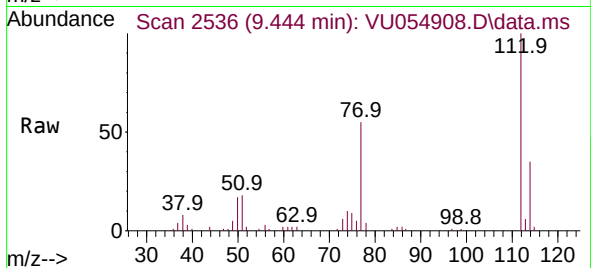
#59
Chlorobenzene
Concen: 2.041 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:112 Resp: 3434
Ion Ratio Lower Upper
112 100
114 35.1 25.0 37.6

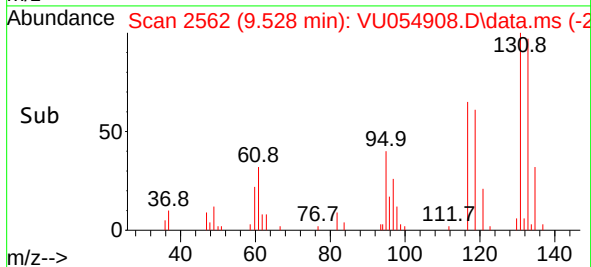
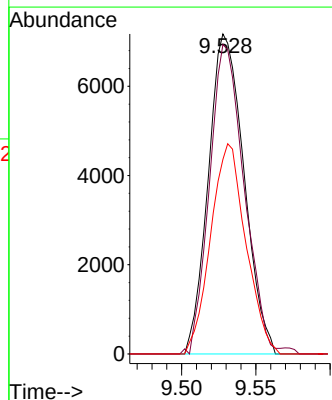
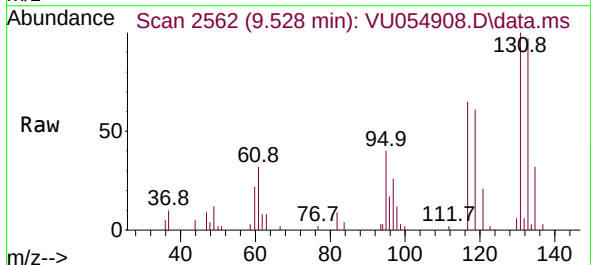
Manual Integrations
APPROVED

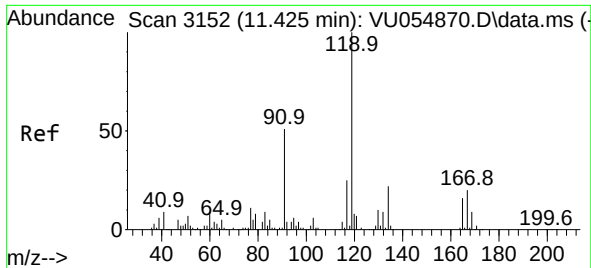
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.013 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

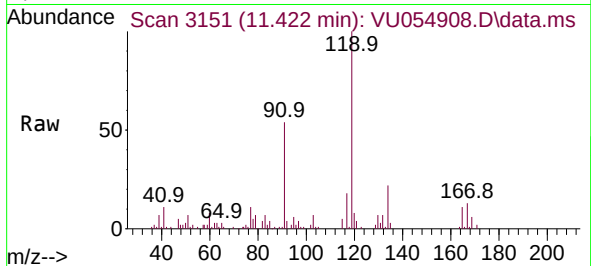
Tgt Ion:131 Resp: 11957
Ion Ratio Lower Upper
131 100
133 94.5 74.2 111.4
119 64.9 51.0 76.4





#61
Pentachloroethane
Concen: 1.908 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

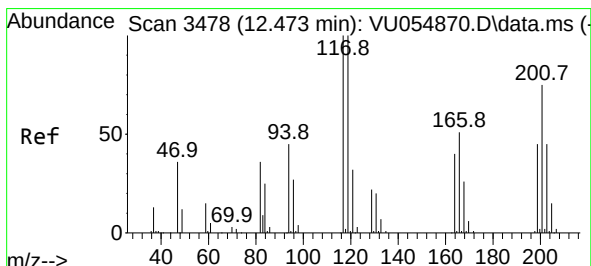
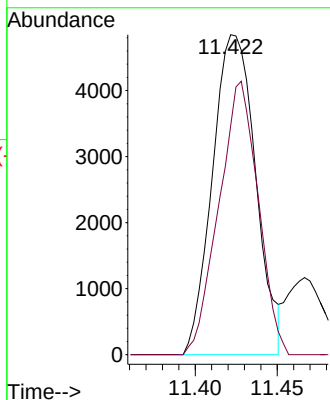
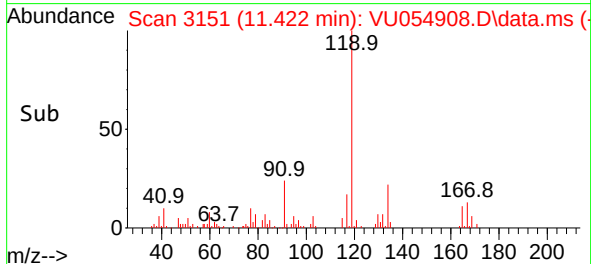
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



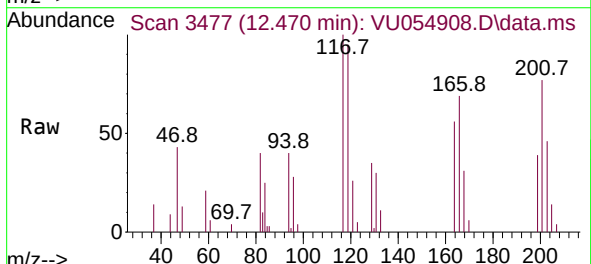
Tgt Ion:117 Resp: 885
Ion Ratio Lower Upper
117 100
167 77.6 65.3 97.9

Manual Integrations
APPROVED

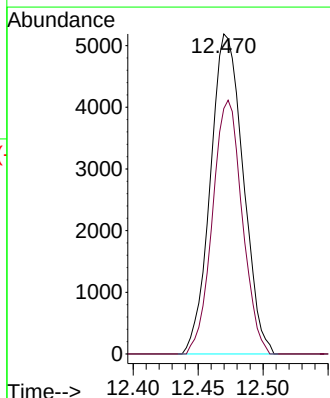
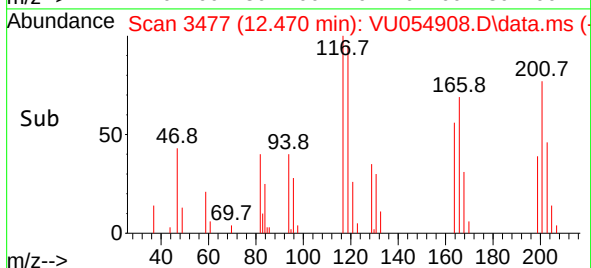
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

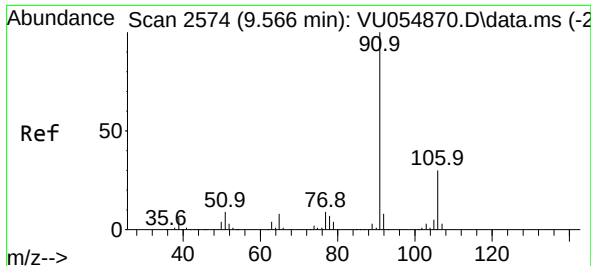


#62
Hexachloroethane
Concen: 1.908 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion:117 Resp: 9108
Ion Ratio Lower Upper
117 100
201 71.8 56.1 84.1





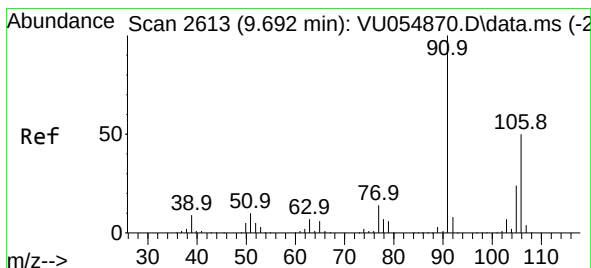
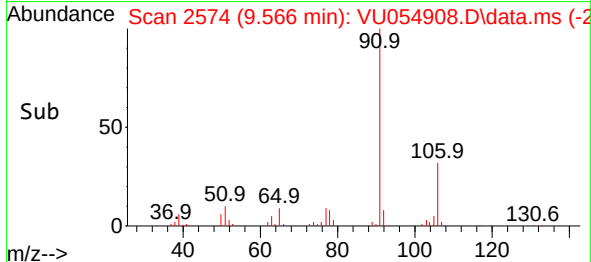
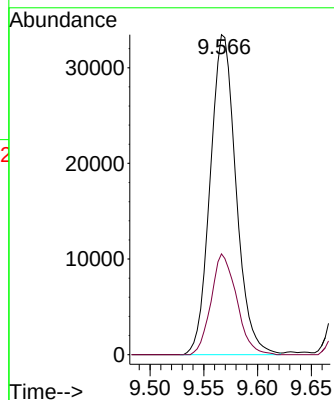
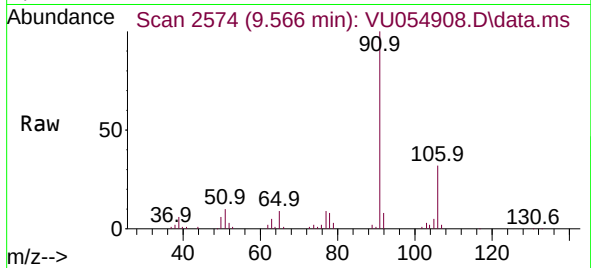
#63
Ethyl Benzene
Concen: 1.979 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion: 91 Resp: 5587
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2

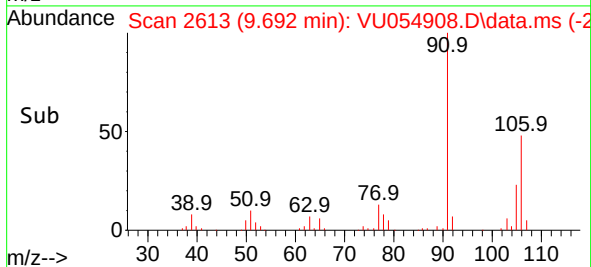
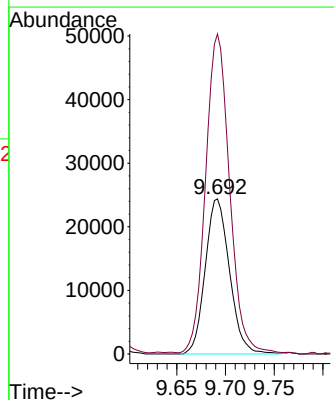
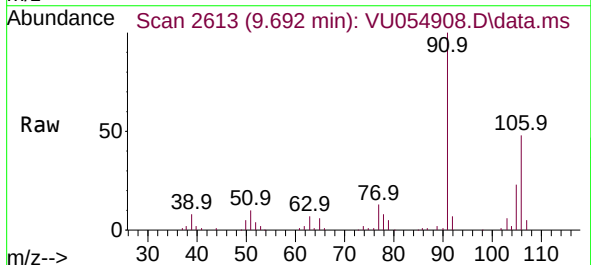
Manual Integrations
APPROVED

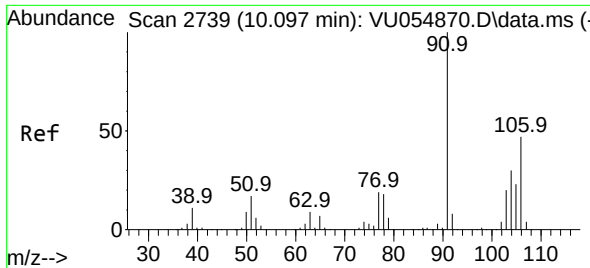
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 4.007 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:106 Resp: 42325
Ion Ratio Lower Upper
106 100
91 201.4 158.8 238.2





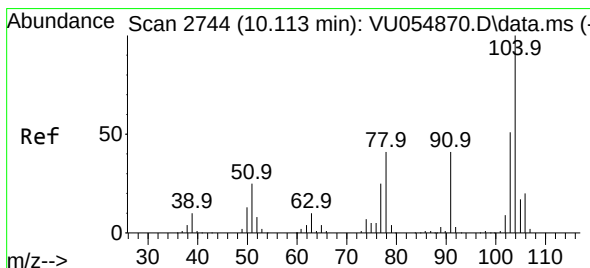
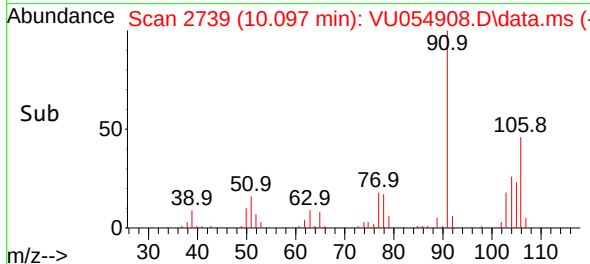
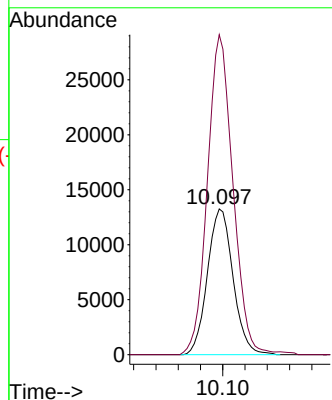
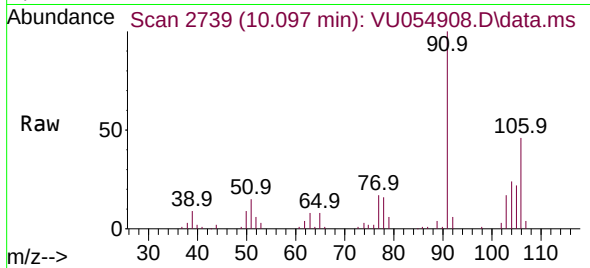
#65
o-Xylene
Concen: 1.951 ug/l
RT: 10.097 min Scan# 21174
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:106 Resp: 21174
Ion Ratio Lower Upper
106 100
91 219.0 108.9 326.8

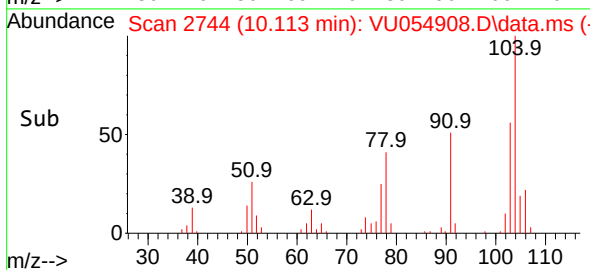
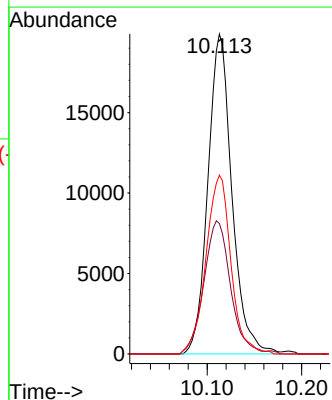
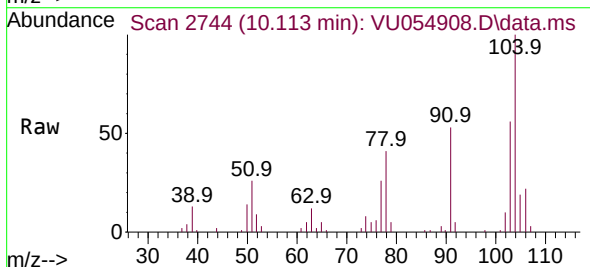
Manual Integrations
APPROVED

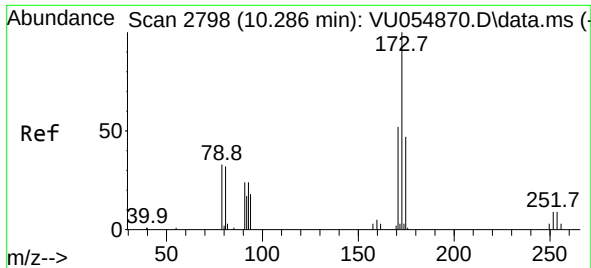
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 2.024 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

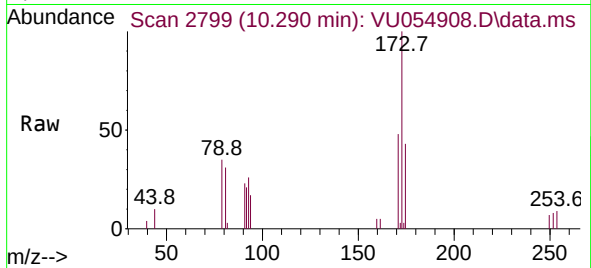
Tgt Ion:104 Resp: 35119
Ion Ratio Lower Upper
104 100
78 46.0 37.5 56.3
103 57.9 45.2 67.8





#67
Bromoform
Concen: 2.207 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

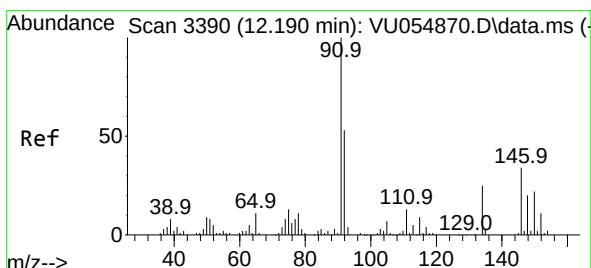
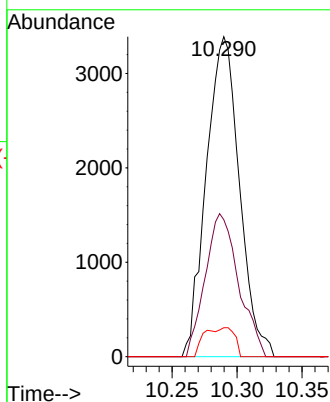
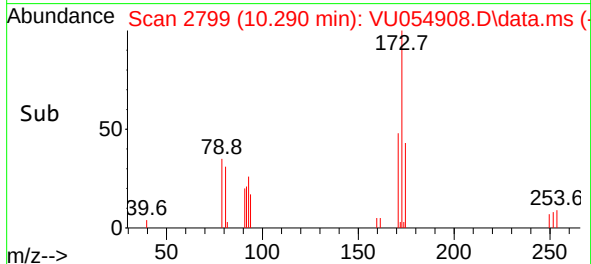
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



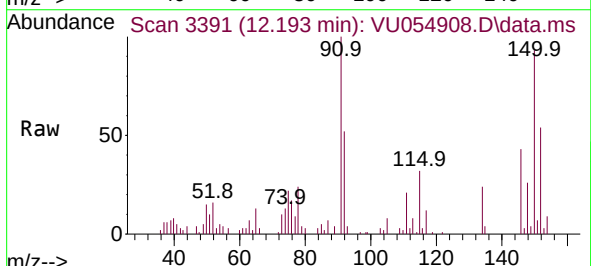
Tgt Ion:173 Resp: 6008
Ion Ratio Lower Upper
173 100
175 45.0 39.0 58.6
254 8.3 7.4 11.0

Manual Integrations
APPROVED

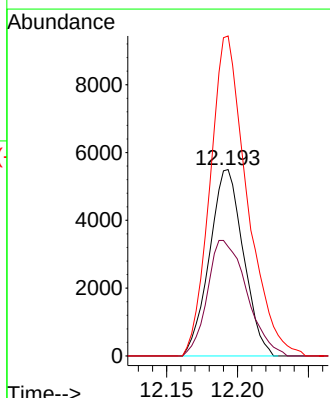
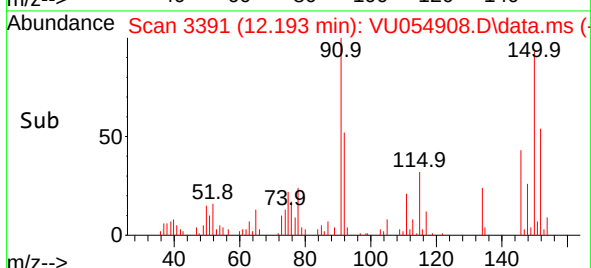
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

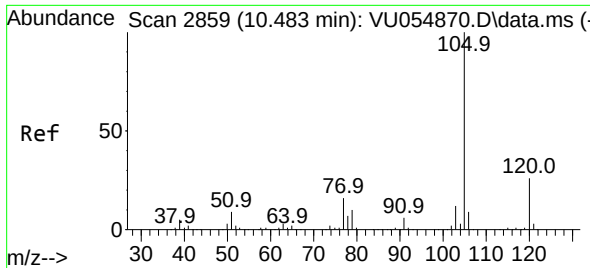


#68
1,2-Dichlorobenzene-d4
Concen: 1.105 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion:152 Resp: 9152
Ion Ratio Lower Upper
152 100
115 71.8 0.0 234.8
150 187.6 0.0 598.2





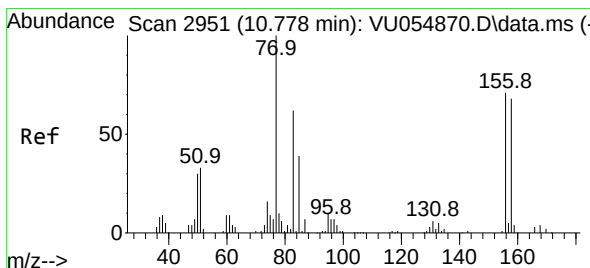
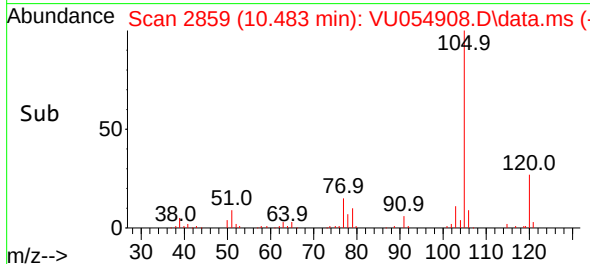
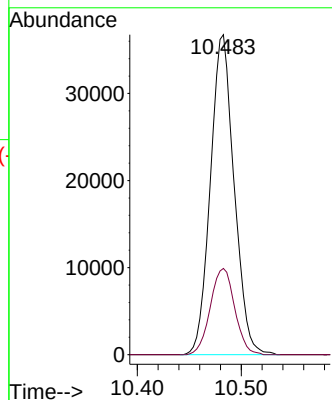
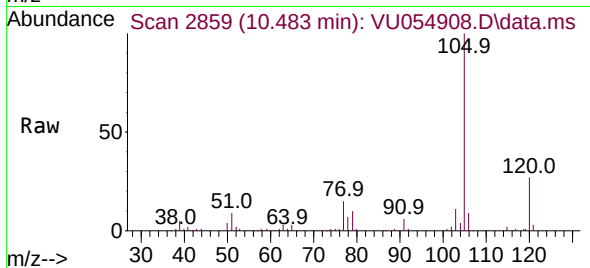
#69
Isopropylbenzene
Concen: 2.000 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:105 Resp: 5826
Ion Ratio Lower Upper
105 100
120 27.7 12.6 37.6

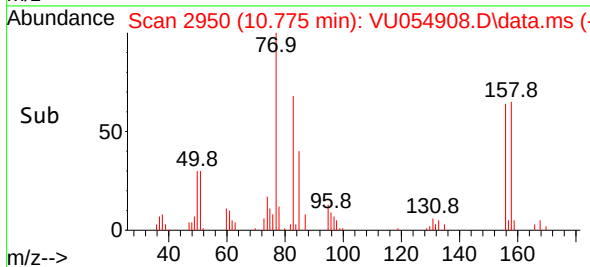
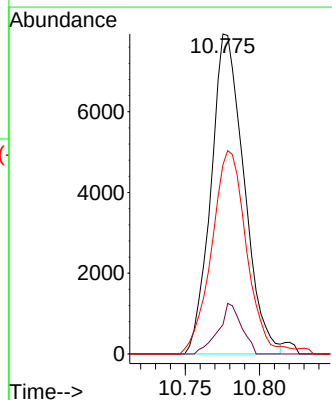
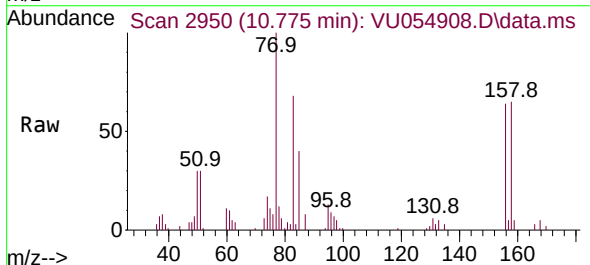
Manual Integrations
APPROVED

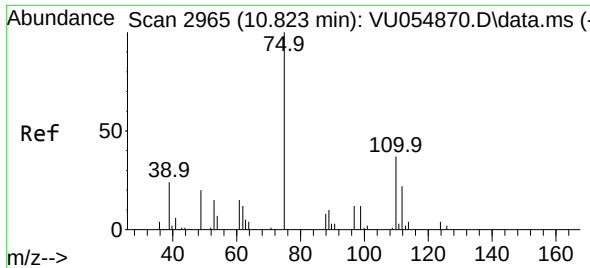
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 2.159 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

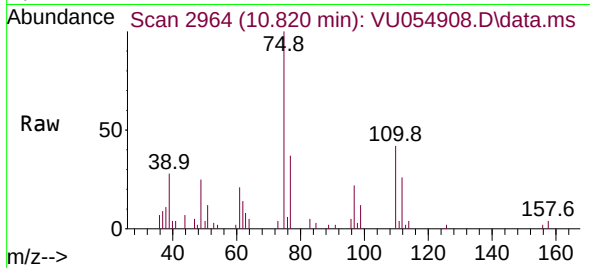
Tgt Ion: 83 Resp: 12242
Ion Ratio Lower Upper
83 100
131 11.1 7.5 11.3
85 67.3 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 2.233 ug/l m
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

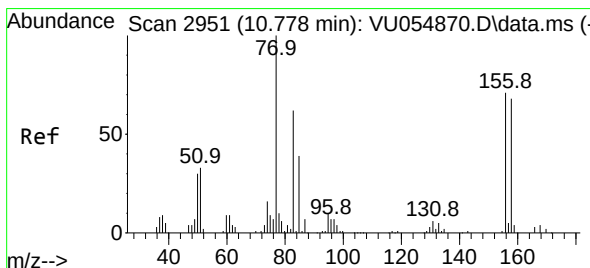
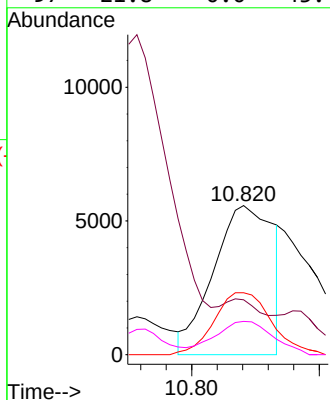
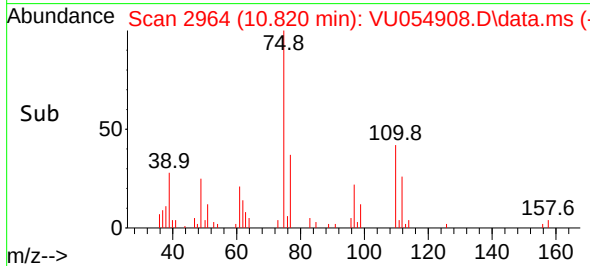


Tgt Ion: 75 Resp: 9020

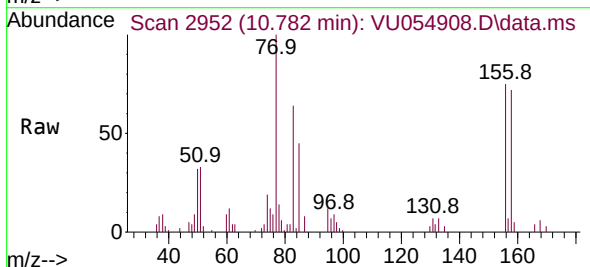
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	40.1	0.0	80.8
97	21.8	0.0	43.4

Manual Integrations
APPROVED

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

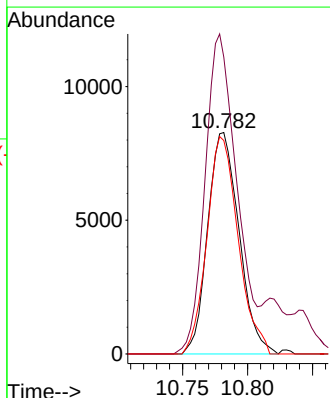
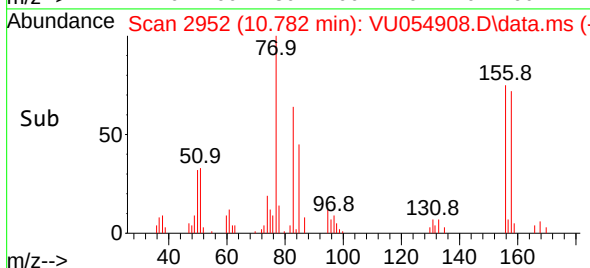


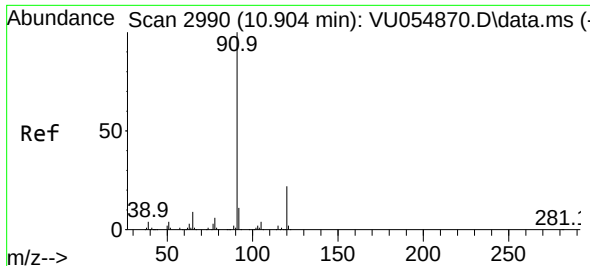
#72
Bromobenzene
Concen: 2.143 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion:156 Resp: 13902

Ion	Ratio	Lower	Upper
156	100		
77	145.2	0.0	293.2
158	97.7	0.0	189.8





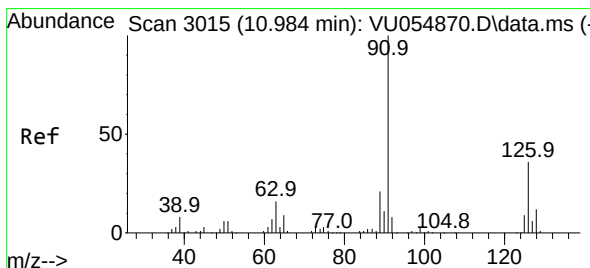
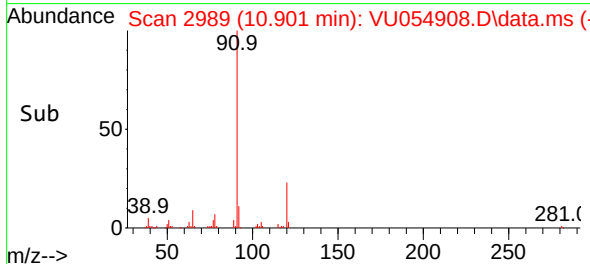
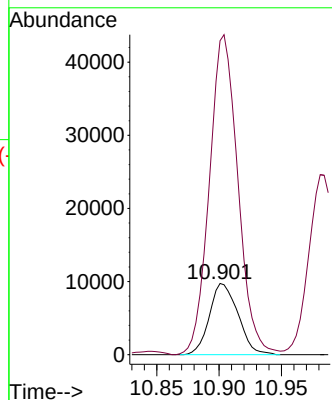
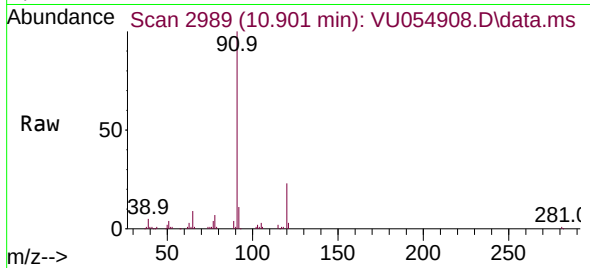
#73
n-propylbenzene
Concen: 1.997 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:120 Resp: 1556
Ion Ratio Lower Upper
120 100
91 448.8 361.8 542.6

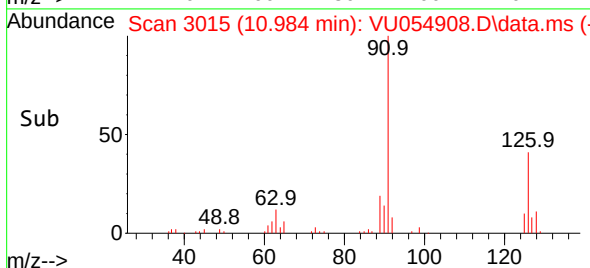
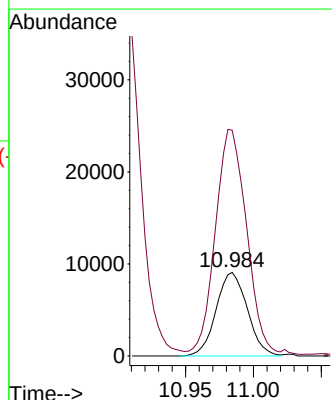
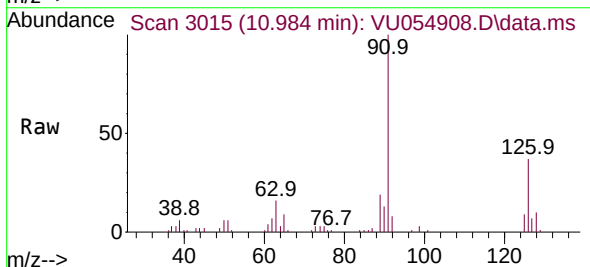
Manual Integrations
APPROVED

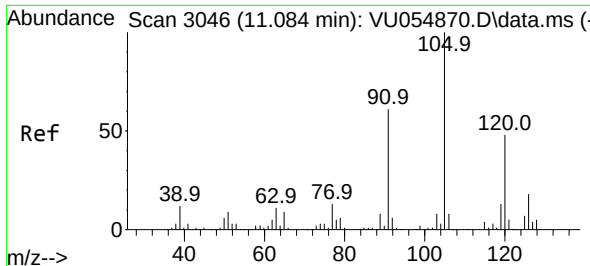
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 2.151 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:126 Resp: 14515
Ion Ratio Lower Upper
126 100
91 264.2 0.0 561.4





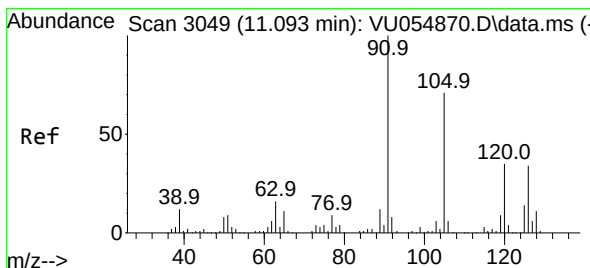
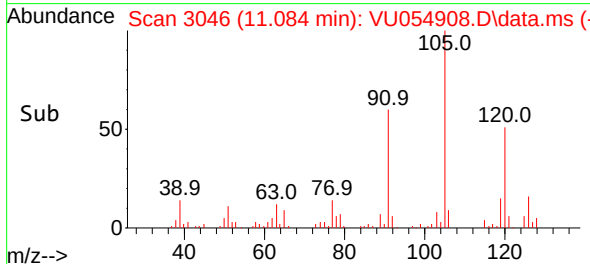
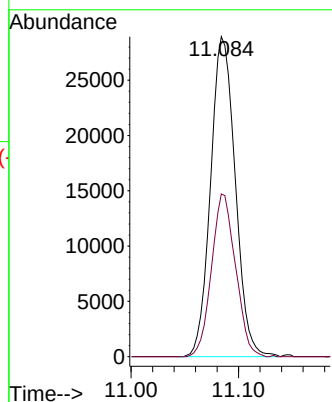
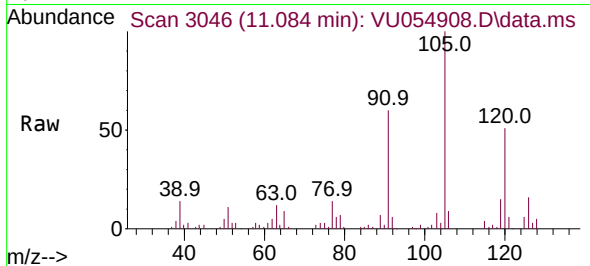
#75
1,3,5-Trimethylbenzene
Concen: 1.956 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:105 Resp: 4614
Ion Ratio Lower Upper
105 100
120 49.5 39.0 58.4

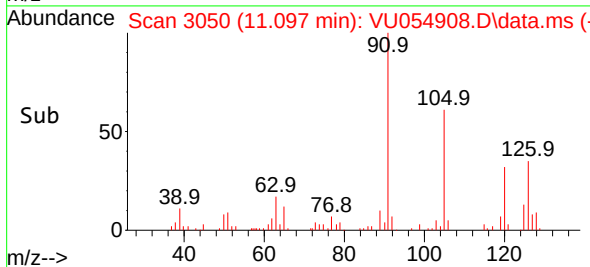
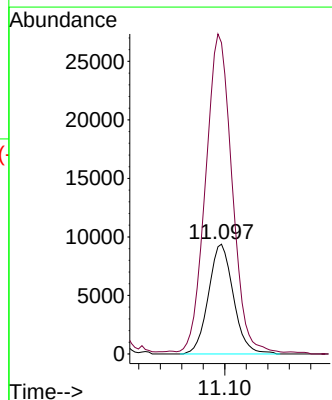
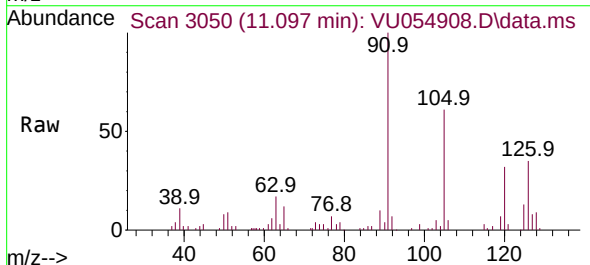
Manual Integrations
APPROVED

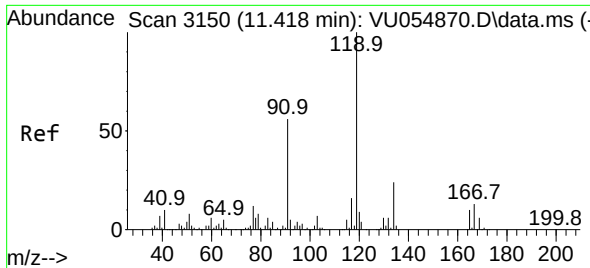
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 2.151 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:126 Resp: 15083
Ion Ratio Lower Upper
126 100
91 305.7 0.0 623.4





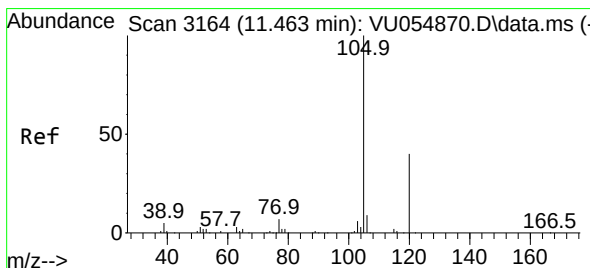
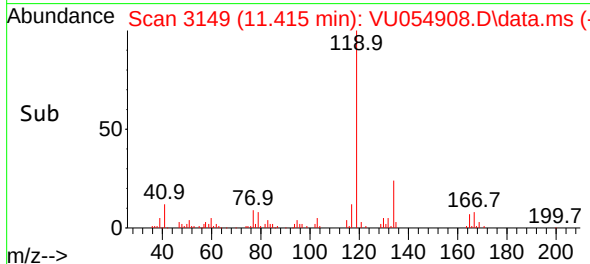
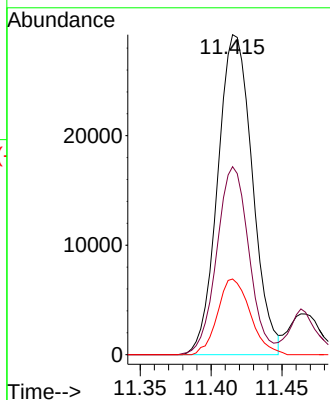
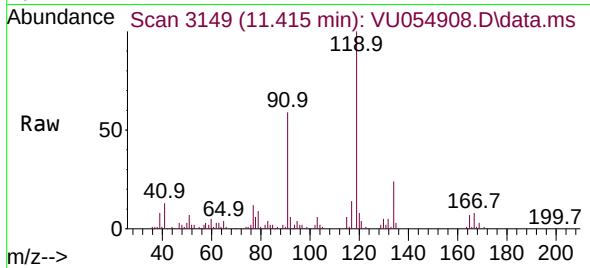
#77
tert-Butylbenzene
Concen: 2.027 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:119 Resp: 49730
Ion Ratio Lower Upper
119 100
91 54.6 27.7 83.1
134 22.3 18.6 27.8

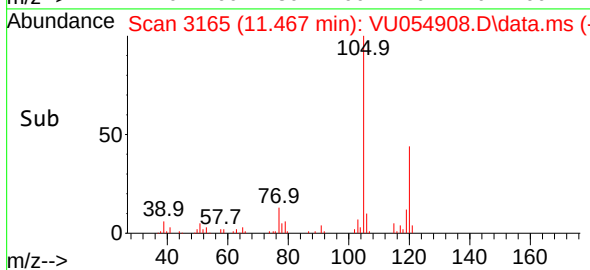
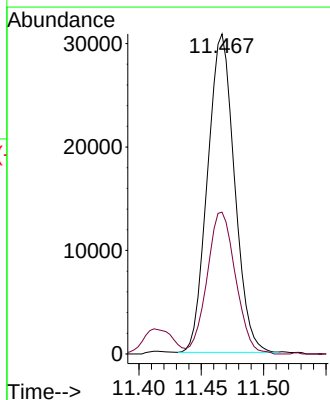
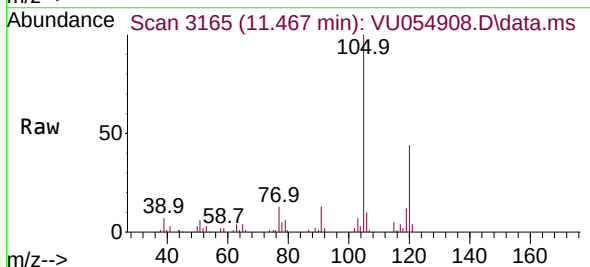
Manual Integrations
APPROVED

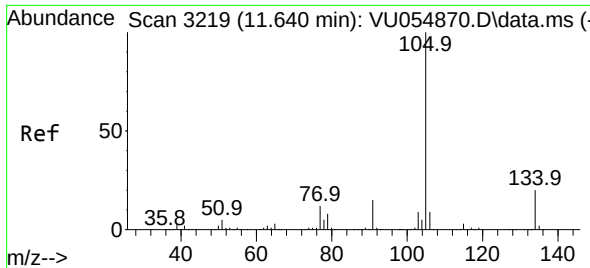
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.920 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:105 Resp: 46365
Ion Ratio Lower Upper
105 100
120 47.0 22.4 67.3





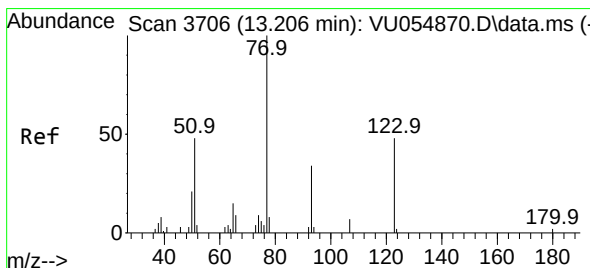
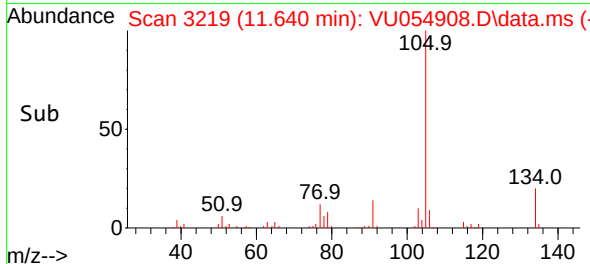
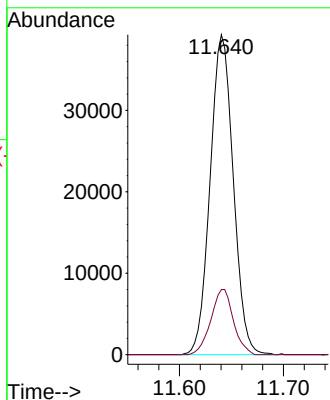
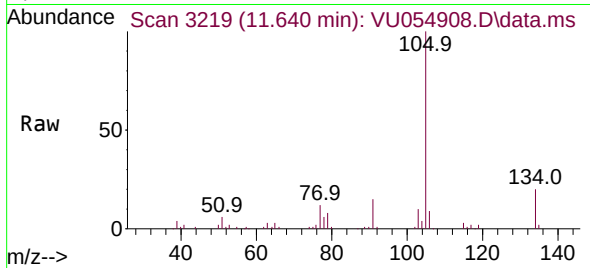
#79
 sec-Butylbenzene
 Concen: 1.908 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

Tgt Ion:105 Resp: 6084
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.7 23.5

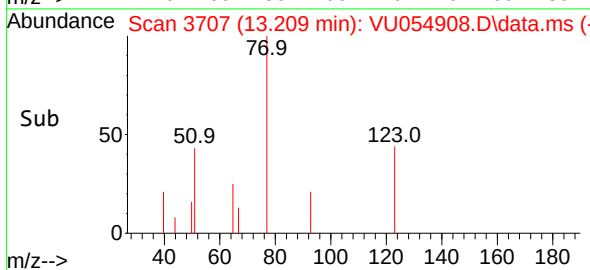
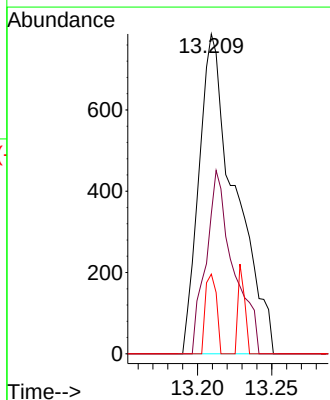
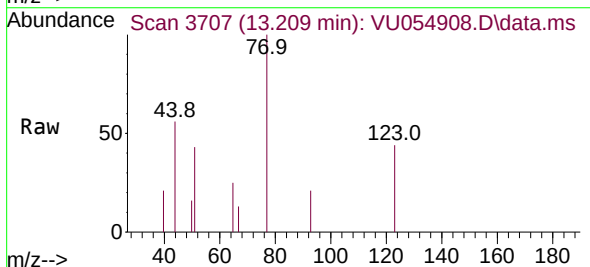
Manual Integrations
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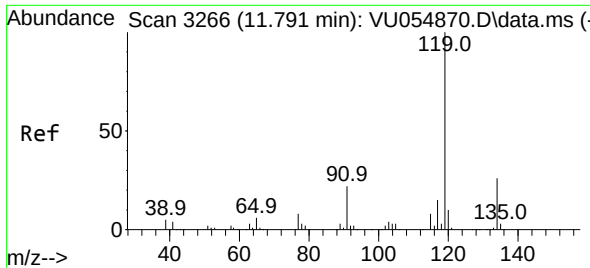
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 8.953 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.003 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion: 77 Resp: 1334
 Ion Ratio Lower Upper
 77 100
 123 43.2 20.2 71.8
 65 7.6 11.7 14.9#





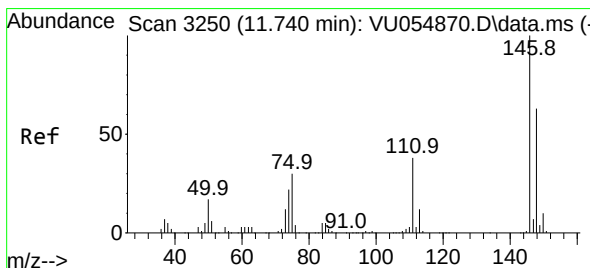
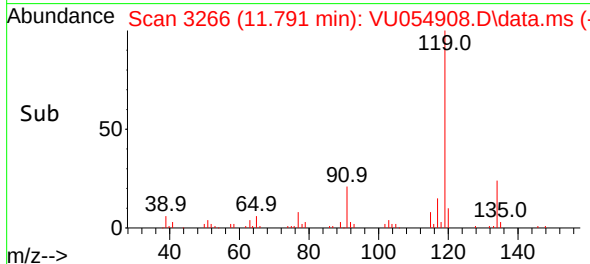
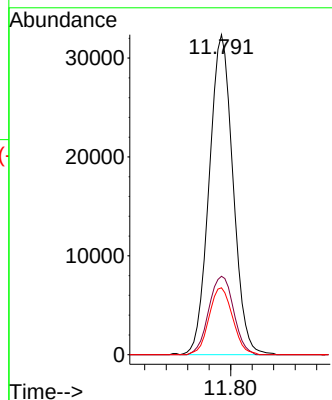
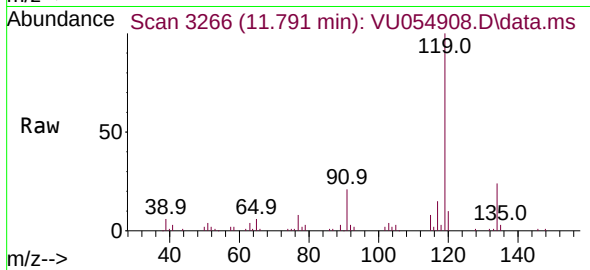
#81
p-Isopropyltoluene
Concen: 1.976 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:119 Resp: 49735
Ion Ratio Lower Upper
119 100
134 25.6 20.6 31.0
91 20.7 18.2 27.4

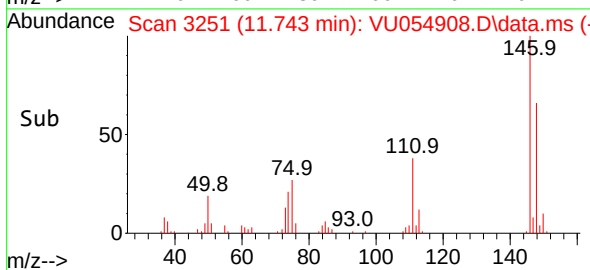
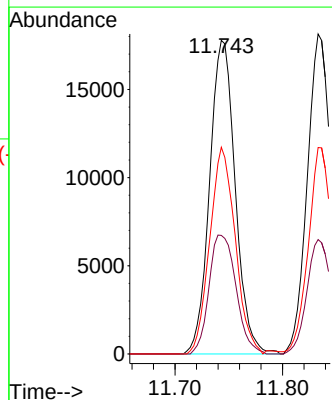
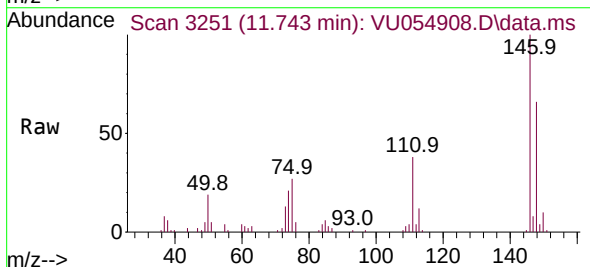
Manual Integrations
APPROVED

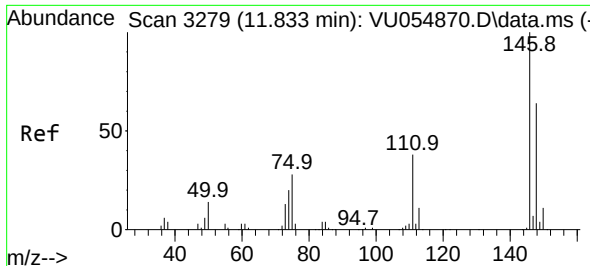
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 2.132 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

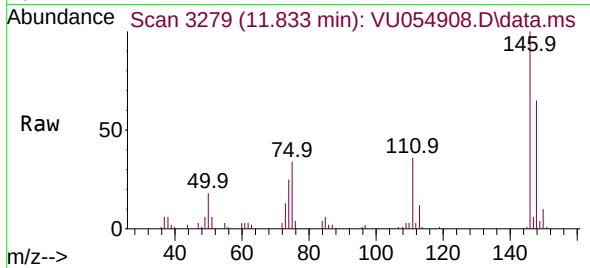
Tgt Ion:146 Resp: 29442
Ion Ratio Lower Upper
146 100
111 39.9 30.5 45.7
148 65.5 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 2.134 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

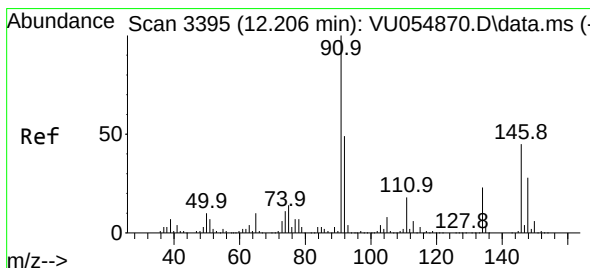
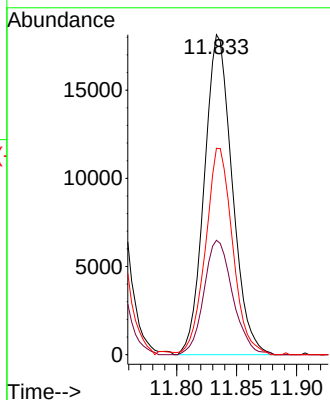
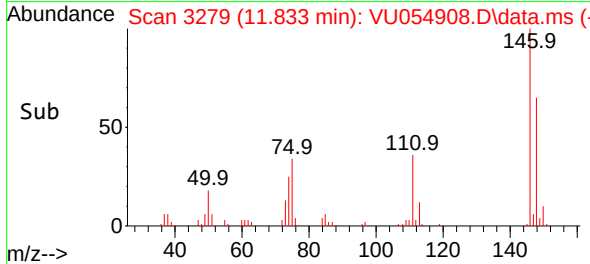
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



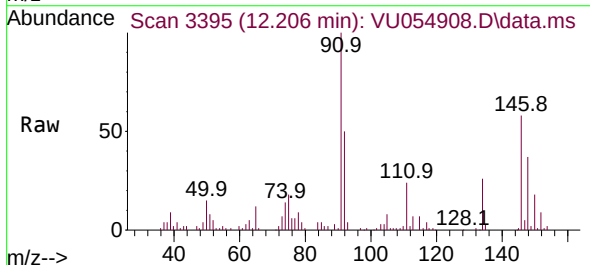
Tgt Ion:146 Resp: 29372
Ion Ratio Lower Upper
146 100
111 36.8 29.5 44.3
148 62.9 51.2 76.8

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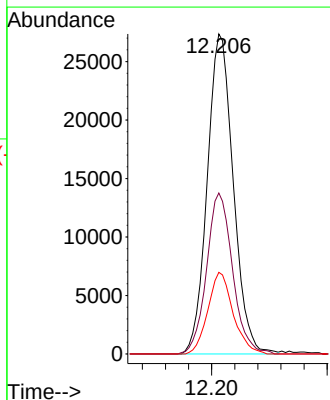
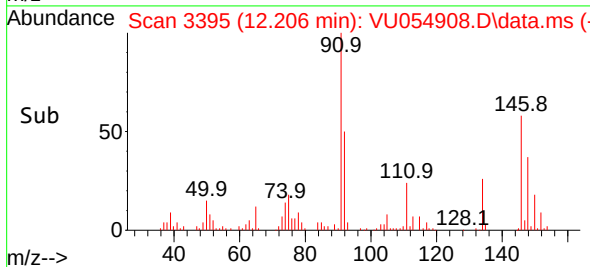
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

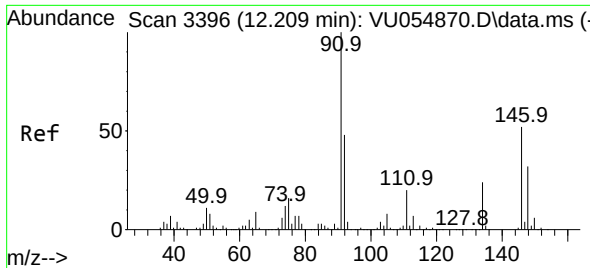


#84
n-Butylbenzene
Concen: 1.894 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



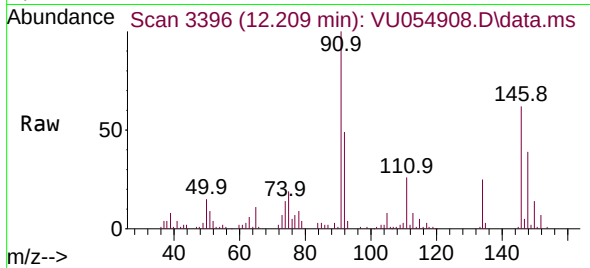
Tgt Ion: 91 Resp: 42817
Ion Ratio Lower Upper
91 100
92 50.2 39.8 59.8
134 24.8 20.2 30.4





#85
 1,2-Dichlorobenzene
 Concen: 2.120 ug/l
 RT: 12.209 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

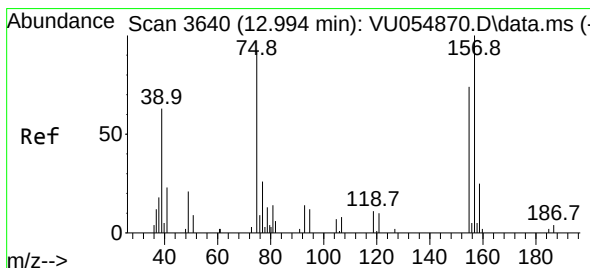
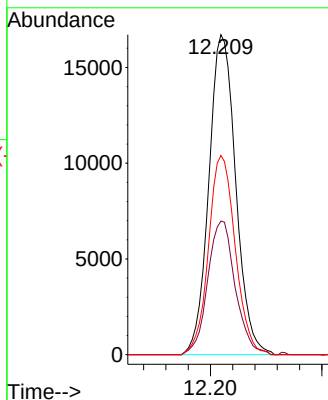
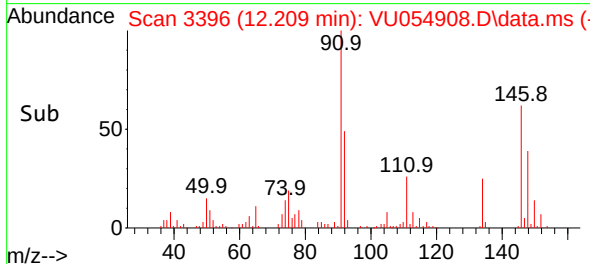
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01



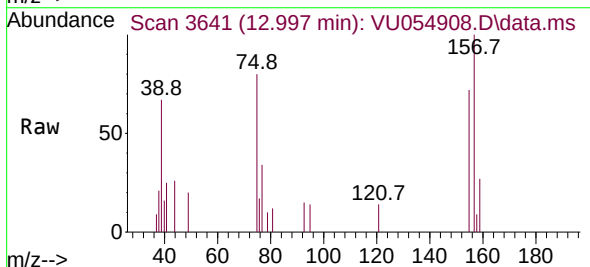
Tgt Ion:146 Resp: 2805
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.8 59.4
 148 61.9 31.8 95.3

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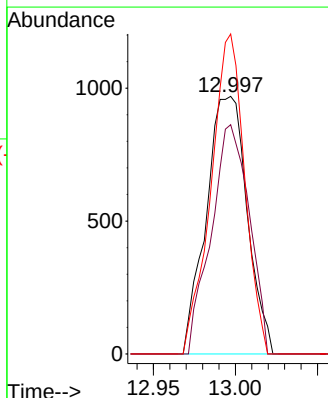
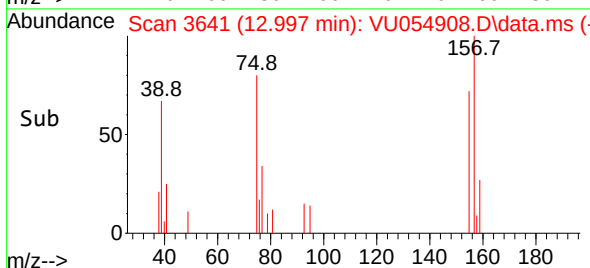
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

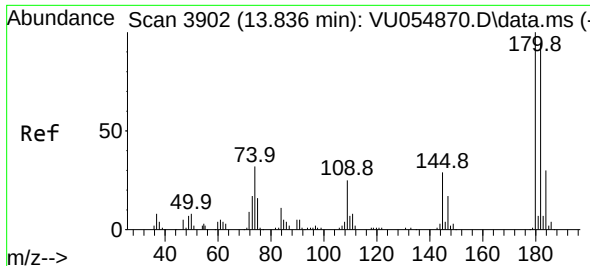


#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.234 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.003 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25



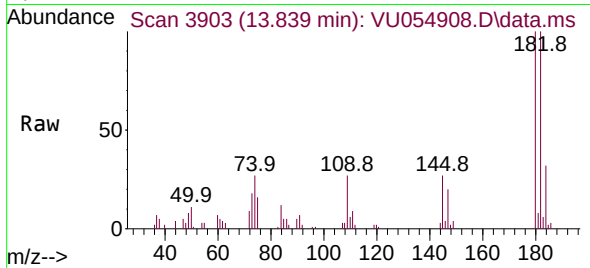
Tgt Ion: 75 Resp: 1684
 Ion Ratio Lower Upper
 75 100
 155 82.5 74.8 112.2
 157 102.0 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 2.015 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

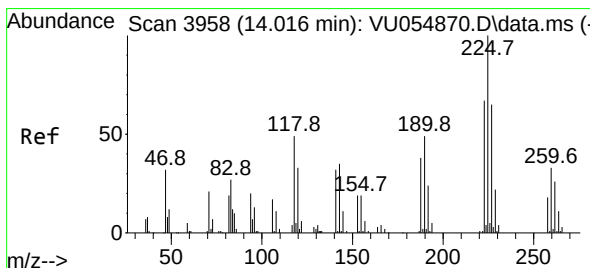
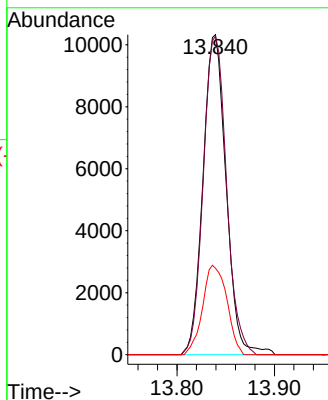
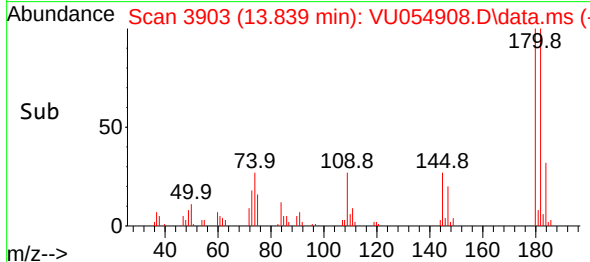
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01



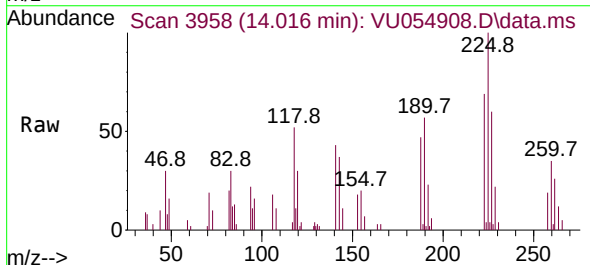
Tgt Ion:180 Resp: 17014
Ion Ratio Lower Upper
180 100
182 99.7 77.0 115.6
145 29.2 23.4 35.0

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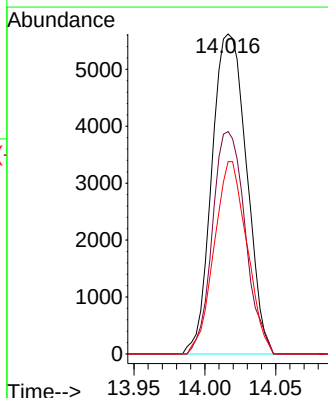
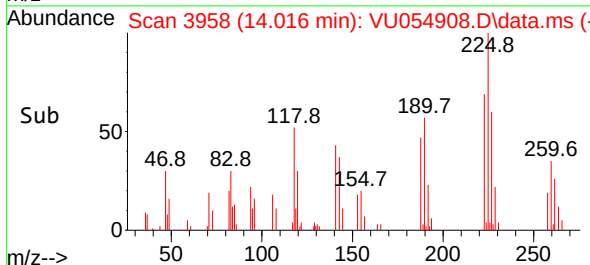
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

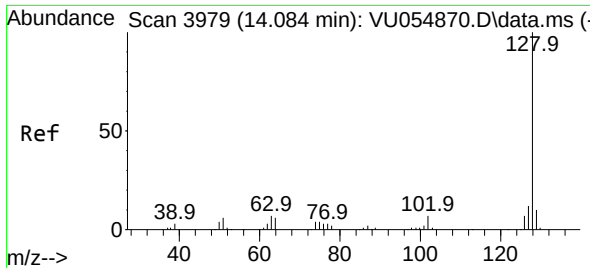


#88
Hexachlorobutadiene
Concen: 2.127 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



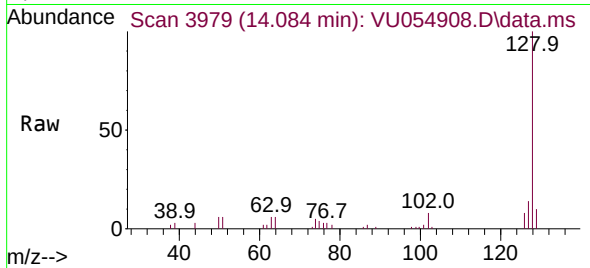
Tgt Ion:225 Resp: 9577
Ion Ratio Lower Upper
225 100
223 65.7 50.6 76.0
227 56.8 50.7 76.1





#89
Naphthalene
Concen: 2.208 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

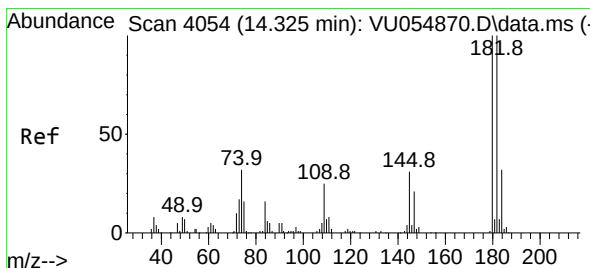
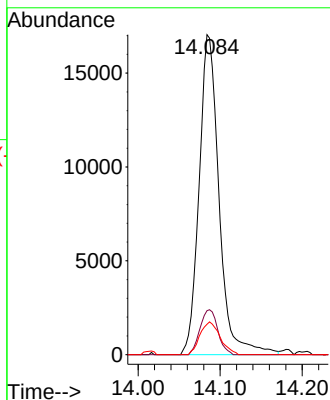
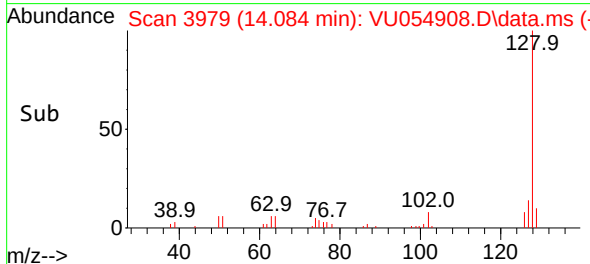
Instrument :
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ClientSampleId :
VU0728WBSD01



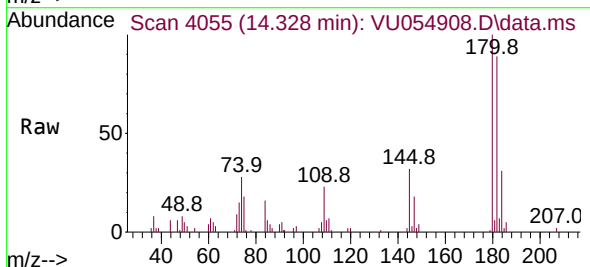
Tgt Ion:128 Resp: 2885
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.3 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.950 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25



Tgt Ion:180 Resp: 14607
Ion Ratio Lower Upper
180 100
182 98.7 76.0 114.0
145 32.3 24.3 36.5

