

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
 Data File : VU054907.D
 Acq On : 28 Jul 2023 12:00
 Operator : MD/SY
 Sample : VU0728WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 28 23:11:21 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	26578	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8099	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9654	1.060	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9065	1.791	ug/l	95
3) Chloromethane	1.518	50	10680	1.878	ug/l	98
4) Vinyl Chloride	1.599	62	14496	1.909	ug/l	93
5) Bromomethane	1.853	94	11680	1.939	ug/l	98
6) Chloroethane	1.930	64	12019	1.532	ug/l	100
7) Trichlorofluoromethane	2.133	101	29483	1.653	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10971	1.898	ug/l	97
9) 1,1-Dichloroethene	2.576	96	8827	1.924	ug/l	98
10) Iodomethane	2.718	142	11658	1.627	ug/l	98
11) Allyl Chloride	2.920	41	10018	1.827	ug/l	93
12) Acrylonitrile	3.332	53	4553	3.954	ug/l	# 86
13) Acetone	2.644	43	16144	13.413	ug/l	88
14) Carbon Disulfide	2.788	76	14127	1.777	ug/l	99
15) Methylene Chloride	3.039	84	14650	2.463	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	9757	1.953	ug/l	98
17) 1,1-Dichloroethane	3.866	63	22016	1.971	ug/l	96
18) 2-Butanone	4.718	43	18063	11.896	ug/l	100
19) Cyclohexane	5.386	56	13408m	2.133	ug/l	
20) Methylcyclohexane	6.759	83	17952	2.136	ug/l	93
21) 2,2-Dichloropropane	4.660	77	18376	1.774	ug/l	100
22) cis-1,2-Dichloroethene	4.663	96	12399	1.868	ug/l	95
23) Diethyl Ether	2.374	59	12288	1.815	ug/l	94
24) tert-Butyl Alcohol	3.223	59	11302m	17.946	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	27687	1.950	ug/l	98
26) Bromochloromethane	4.972	128	5551	2.039	ug/l	96
27) Chloroform	5.087	83	24654	2.055	ug/l	94
28) 1,1,1-Trichloroethane	5.309	97	20631	1.991	ug/l	97
29) 1,1-Dichloropropene	5.525	75	14605	1.911	ug/l	96
30) Carbon Tetrachloride	5.521	117	15842	1.831	ug/l	92
31) Isopropyl Ether	3.991	45	31256	1.895	ug/l	98
32) Ethyl-t-butyl ether	4.496	59	32867	1.936	ug/l	# 67
33) Tert-Amyl methyl ether	5.939	73	30054	1.872	ug/l	99
34) Propionitrile	4.808	54	4372m	10.444	ug/l	
35) Benzene	5.772	78	44934	1.877	ug/l	100
36) 1,2-Dichloroethane	5.795	62	13078	1.920	ug/l	100
37) Trichloroethene	6.541	130	12557	1.950	ug/l	91
38) 1,2-Dichloropropane	6.788	63	13772	2.035	ug/l	100
39) Methacrylonitrile	4.981	41	3214m	1.915	ug/l	
40) Methyl acrylate	4.866	55	4948m	1.854	ug/l	
41) Tetrahydrofuran	5.078	42	3565m	3.715	ug/l	
42) 1-Chlorobutane	5.457	56	18684	1.867	ug/l	97
43) Dibromomethane	6.914	93	6068	1.909	ug/l	97
44) Bromodichloromethane	7.103	83	16860	1.904	ug/l	96

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Instrument :
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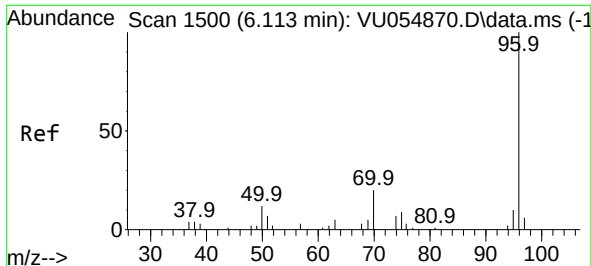
Manual Integrations
 APPROVED

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

Quant Time: Jul 28 23:11:21 2023
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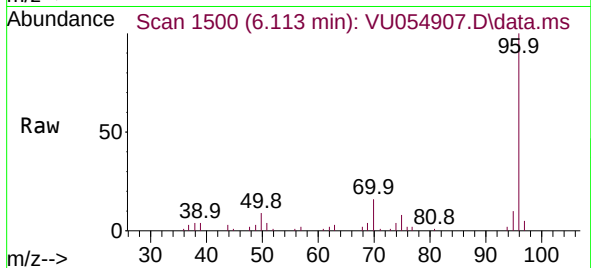
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45) 4-Methyl-2-Pentanone	7.792	43	35649	9.612	ug/l	97
46) t-1,4-Dichloro-2-butene	10.830	75	6506m	4.360	ug/l	
47) Methyl methacrylate	6.962	69	11477	3.950	ug/l	95
48) Ethyl methacrylate	8.335	69	11075	1.884	ug/l	97
49) Toluene	7.968	92	30076	1.972	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	14040	1.786	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	18022	1.865	ug/l	97
52) 1,1,2-Trichloroethane	8.399	97	9659	1.917	ug/l	98
53) 1,3-Dichloropropane	8.573	76	16219	1.990	ug/l	92
54) 2-Hexanone	8.685	43	27559	10.457	ug/l	97
55) Dibromochloromethane	8.808	129	10185	1.764	ug/l	88
56) 1,2-Dibromoethane	8.920	107	8693	2.036	ug/l	98
58) Tetrachloroethene	8.550	164	11614	2.067	ug/l	96
59) Chlorobenzene	9.444	112	34384	1.858	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	12276	1.879	ug/l	93
61) Pentachloroethane	11.425	117	9149	1.792	ug/l	99
62) Hexachloroethane	12.473	117	9365	1.784	ug/l	100
63) Ethyl Benzene	9.570	91	60867	1.960	ug/l	97
64) m/p-Xylenes	9.692	106	45260	3.896	ug/l	96
65) o-Xylene	10.097	106	22062	1.849	ug/l	95
66) Styrene	10.113	104	35415	1.856	ug/l	97
67) Bromoform	10.290	173	5837	1.950	ug/l #	95
69) Isopropylbenzene	10.483	105	61605	1.923	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.779	83	11966	1.919	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	9411m	2.118	ug/l	
72) Bromobenzene	10.782	156	14670	2.057	ug/l	97
73) n-propylbenzene	10.904	120	16323	1.904	ug/l	96
74) 2-Chlorotoluene	10.984	126	15024	2.024	ug/l	95
75) 1,3,5-Trimethylbenzene	11.087	105	50231	1.936	ug/l	99
76) 4-Chlorotoluene	11.097	126	15045	1.951	ug/l	98
77) tert-Butylbenzene	11.418	119	49918	1.850	ug/l	98
78) 1,2,4-Trimethylbenzene	11.467	105	50141	1.888	ug/l	100
79) sec-Butylbenzene	11.643	105	66083	1.884	ug/l	99
80) Nitrobenzene	13.213	77	1264	7.713	ug/l #	69
81) p-Isopropyltoluene	11.791	119	52021	1.879	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	30120	1.984	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	29855	1.972	ug/l	98
84) n-Butylbenzene	12.206	91	42864	1.724	ug/l	99
85) 1,2-Dichlorobenzene	12.213	146	28500	1.958	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1608	1.939	ug/l #	66
87) 1,2,4-Trichlorobenzene	13.839	180	16742	1.803	ug/l	97
88) Hexachlorobutadiene	14.016	225	9138	1.846	ug/l	97
89) Naphthalene	14.087	128	24799	1.725	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	14003	1.700	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: VU054907.D
Acq: 28 Jul 2023 12:00

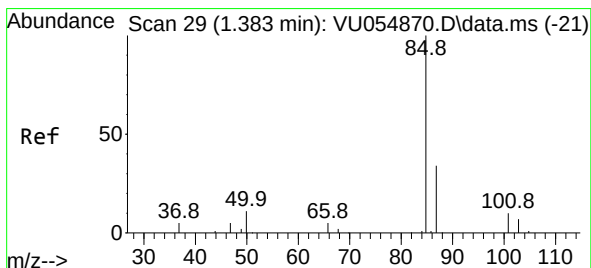
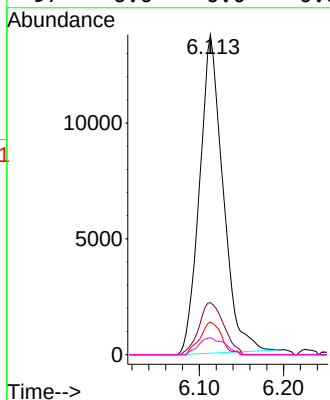
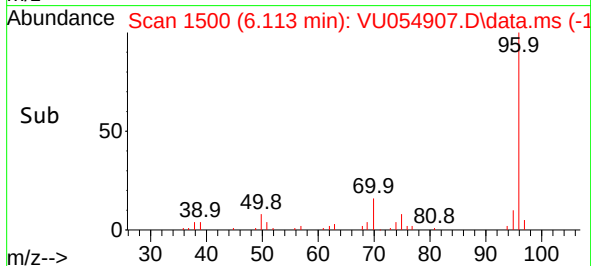
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 96 Resp: 26578
Ion Ratio Lower Upper
96 100
70 17.5 14.0 21.0
95 9.4 8.7 13.1
97 6.0 0.0 0.0#

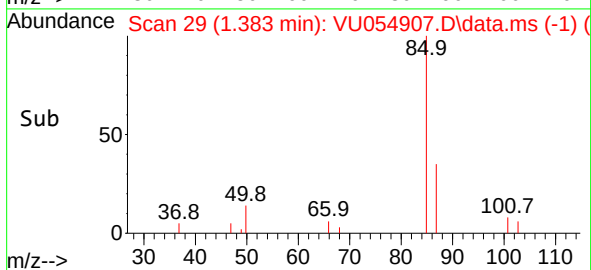
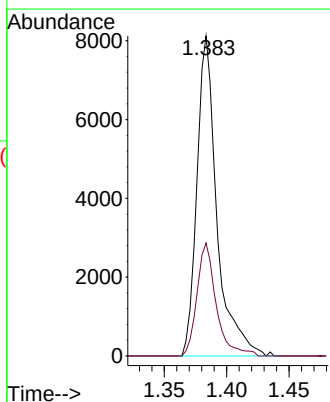
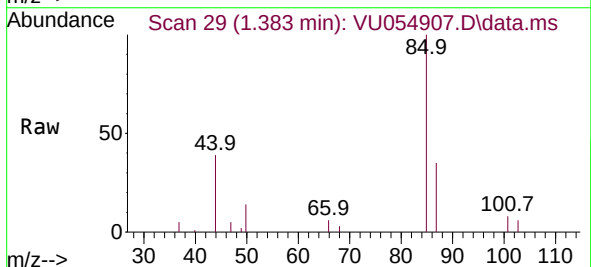
Manual Integrations
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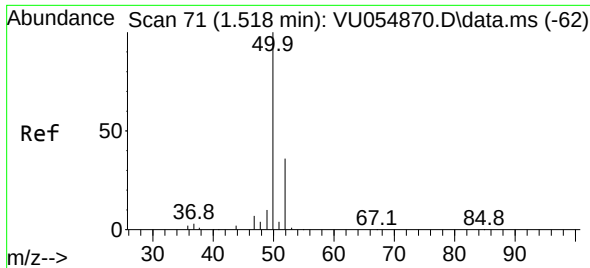
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 1.791 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

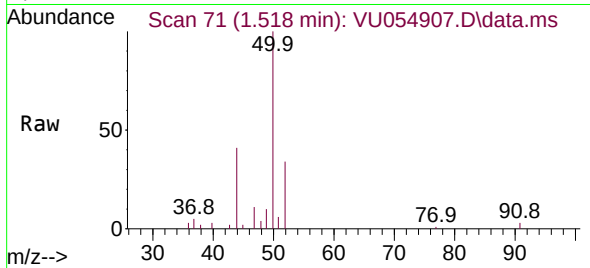
Tgt Ion: 85 Resp: 9065
Ion Ratio Lower Upper
85 100
87 35.2 16.2 48.6





#3
Chloromethane
Concen: 1.878 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

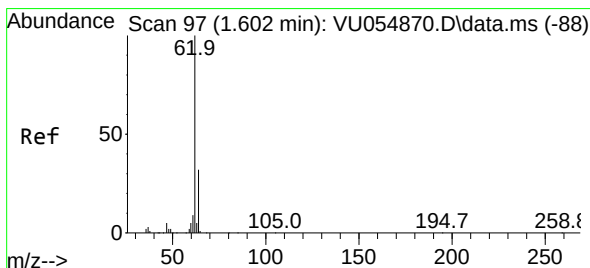
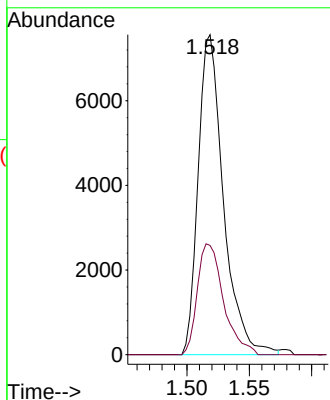
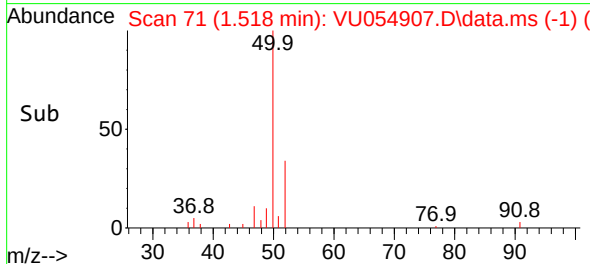
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



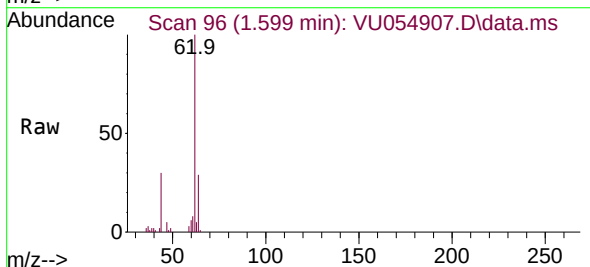
Tgt Ion: 50 Resp: 10680
Ion Ratio Lower Upper
50 100
52 34.1 28.2 42.2

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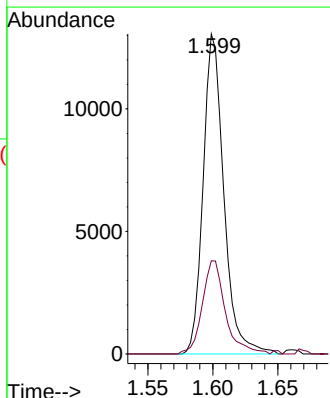
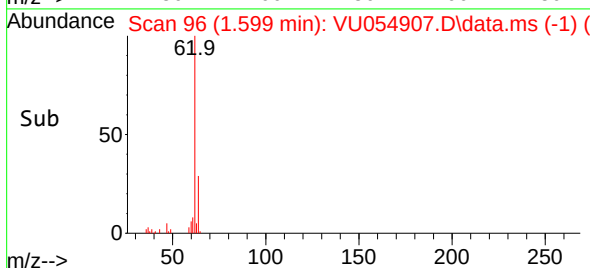
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

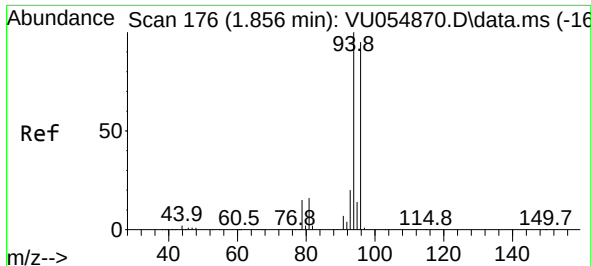


#4
Vinyl Chloride
Concen: 1.909 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



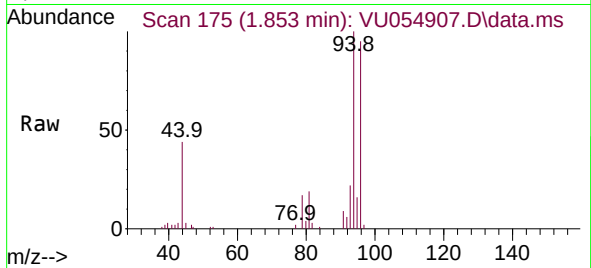
Tgt Ion: 62 Resp: 14496
Ion Ratio Lower Upper
62 100
64 29.1 26.4 39.6





#5
Bromomethane
Concen: 1.939 ug/l
RT: 1.853 min Scan# 11680
Delta R.T. -0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

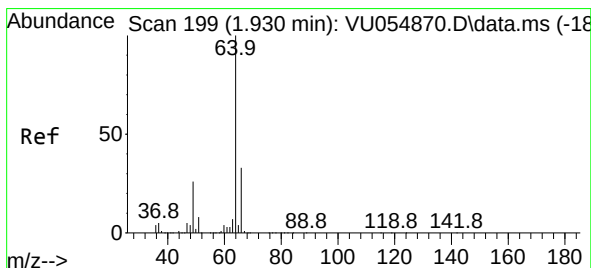
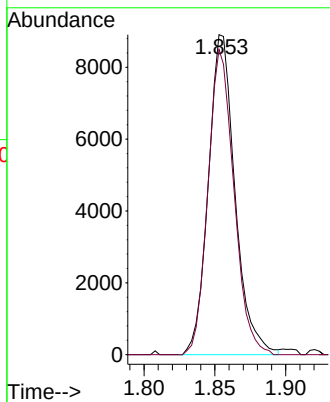
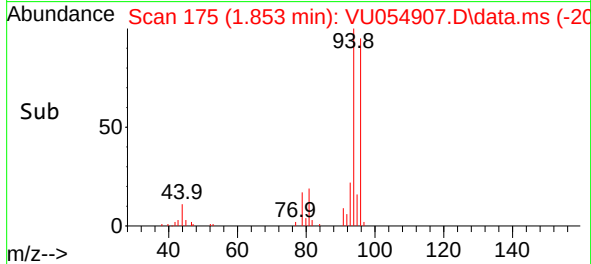
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 94 Resp: 11680
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

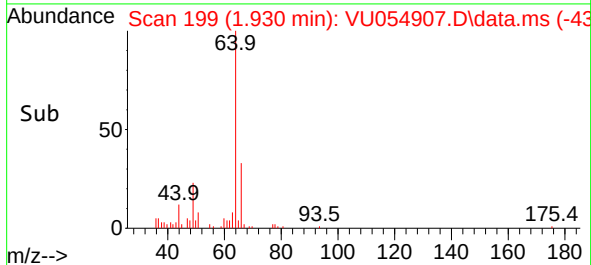
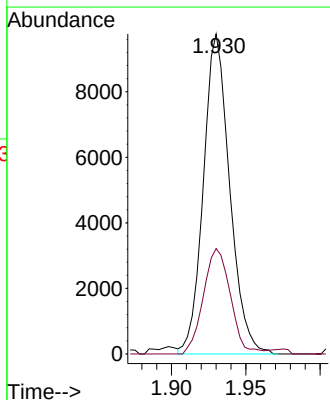
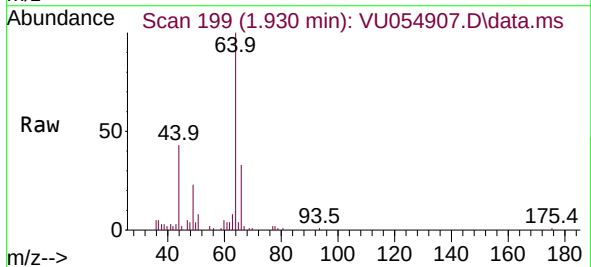
Manual Integrations
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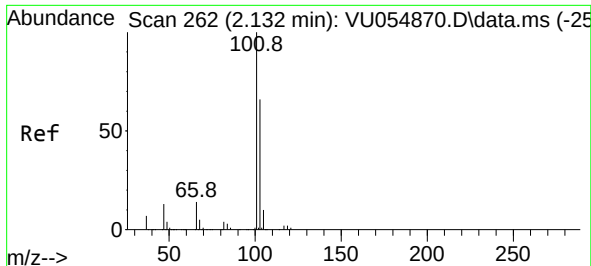
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 1.532 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

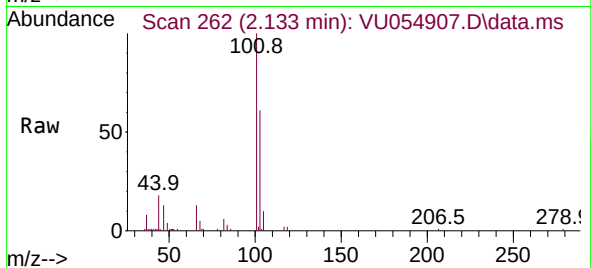
Tgt Ion: 64 Resp: 12019
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 1.653 ug/l
 RT: 2.133 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00

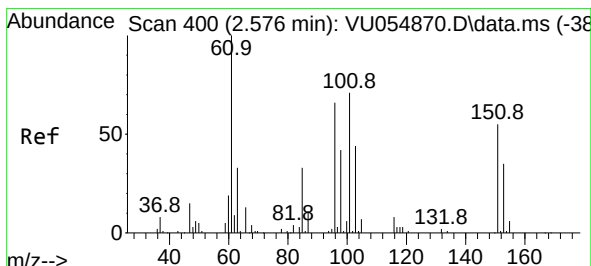
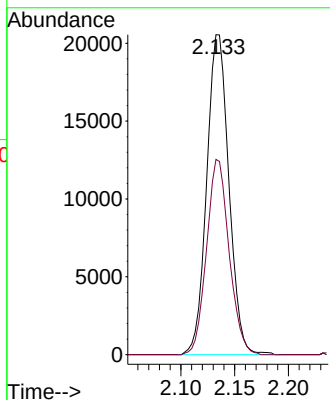
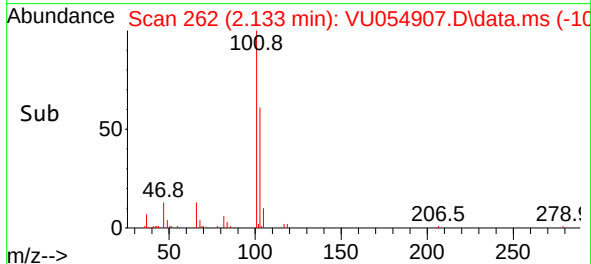
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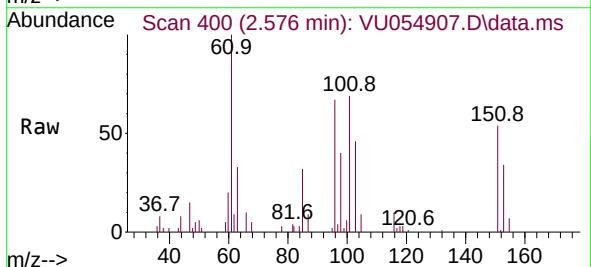
Tgt Ion:101 Resp: 2948
 Ion Ratio Lower Upper
 101 100
 103 61.0 52.9 79.3

Manual Integrations
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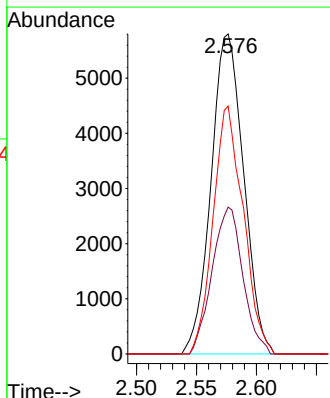
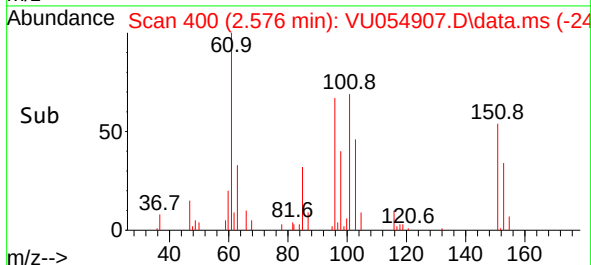
Reviewed By :John Carlone 07/31/2023
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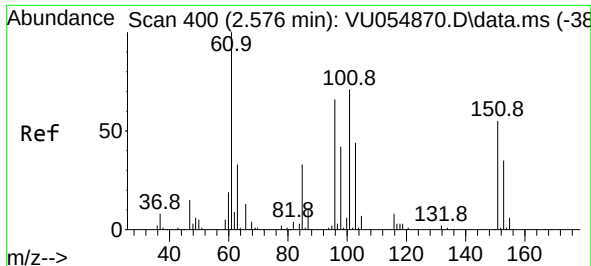


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.898 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00



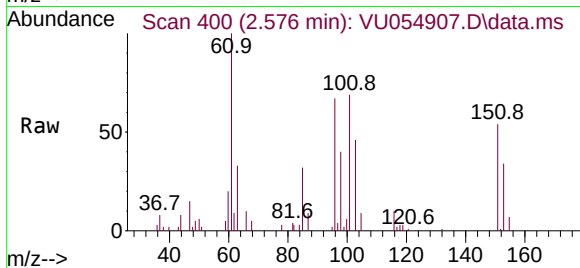
Tgt Ion:101 Resp: 10971
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.8 52.2
 151 71.6 60.5 90.7





#9
1,1-Dichloroethene
Concen: 1.924 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

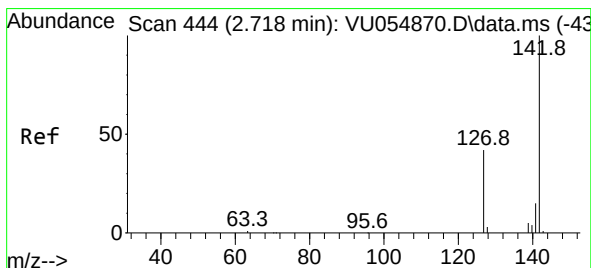
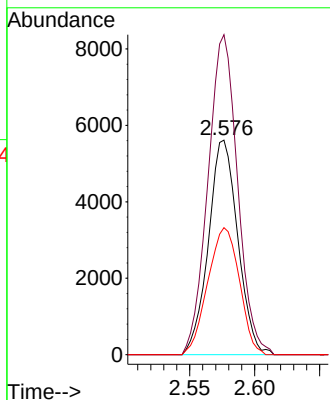
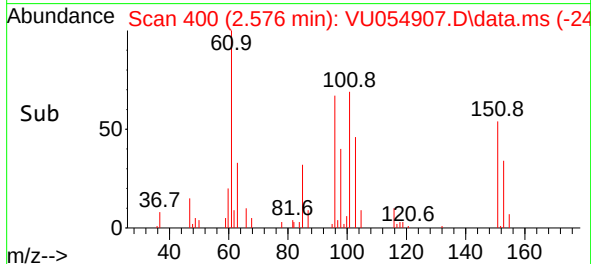
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 96 Resp: 882
Ion Ratio Lower Upper
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61 149.1 0.0 440.1
98 59.2 0.0 121.8

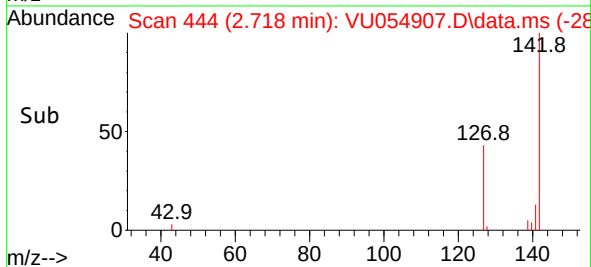
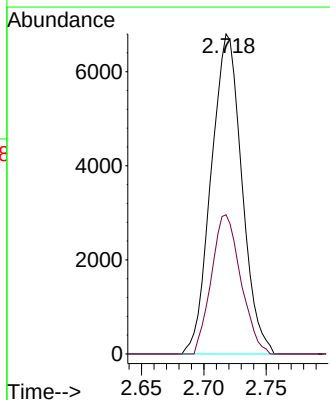
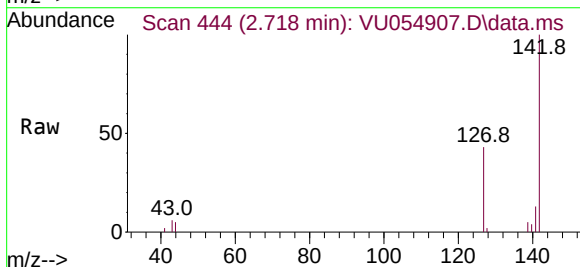
Manual Integrations
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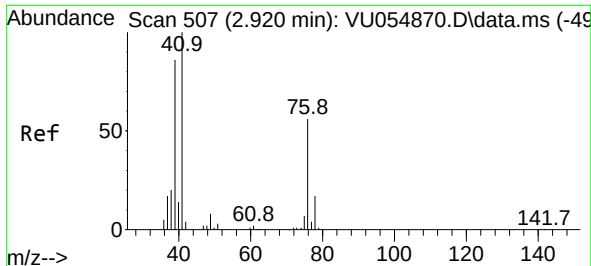
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 1.627 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

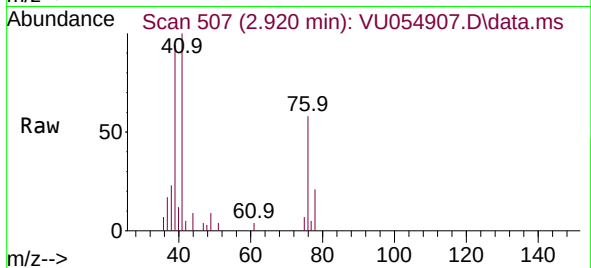
Tgt Ion:142 Resp: 11658
Ion Ratio Lower Upper
142 100
127 41.7 34.3 51.5





#11
 Allyl Chloride
 Concen: 1.827 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00

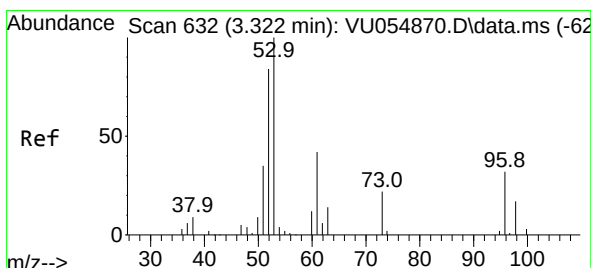
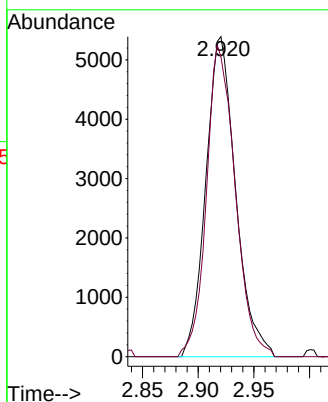
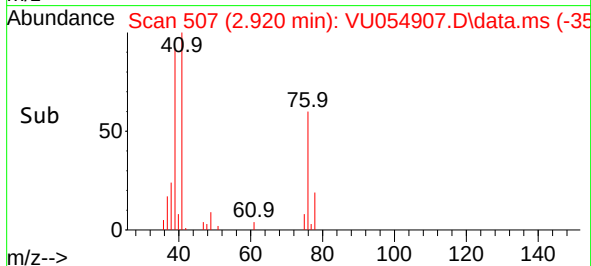
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBS01



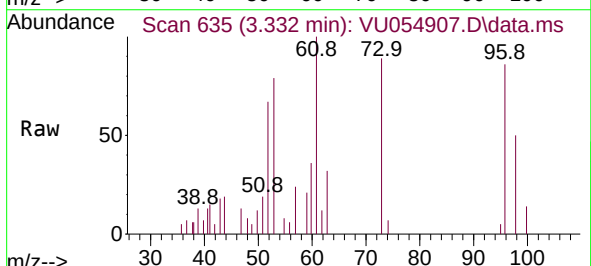
Tgt Ion: 41 Resp: 10018
 Ion Ratio Lower Upper
 41 100
 39 93.8 70.2 105.2

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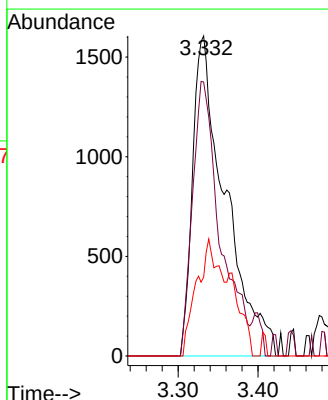
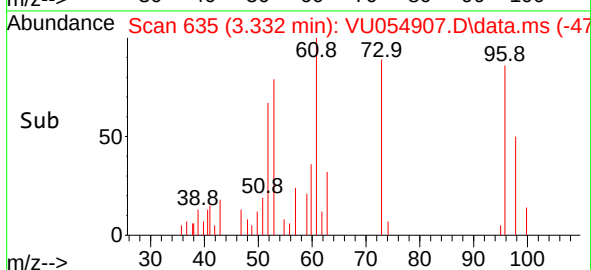
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

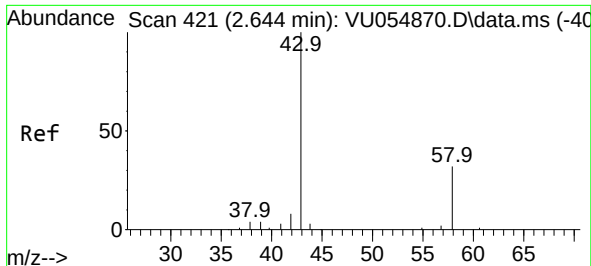


#12
 Acrylonitrile
 Concen: 3.954 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.010 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00



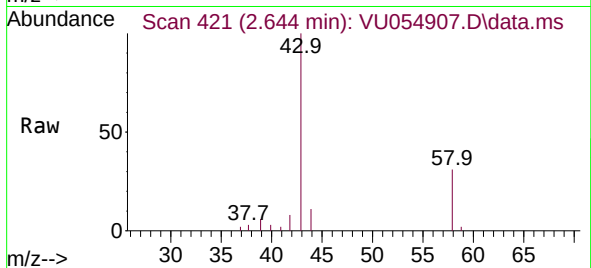
Tgt Ion: 53 Resp: 4553
 Ion Ratio Lower Upper
 53 100
 52 73.0 64.2 96.4
 51 26.0 33.6 50.4#





#13
Acetone
Concen: 13.413 ug/l
RT: 2.644 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

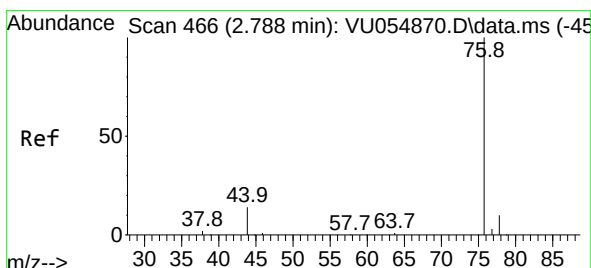
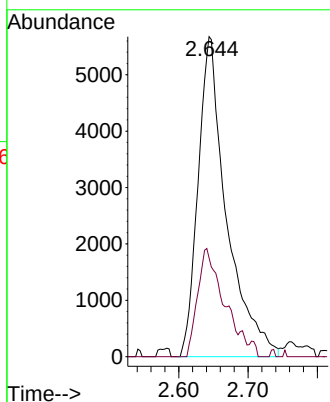
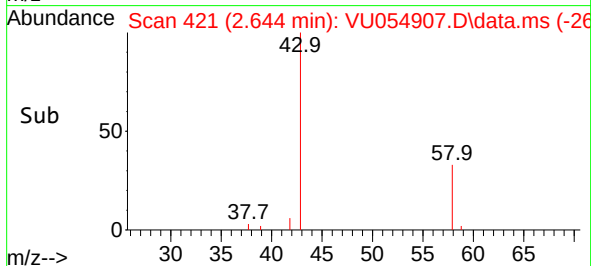
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



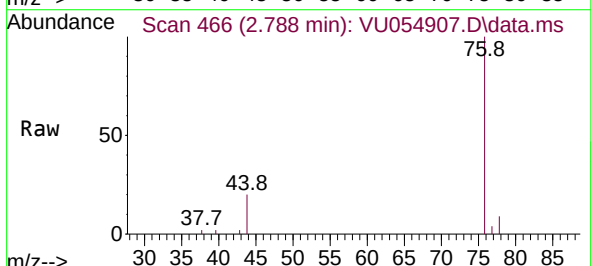
Tgt Ion: 43 Resp: 16144
Ion Ratio Lower Upper
43 100
58 30.9 30.7 46.1

Manual Integrations
APPROVED

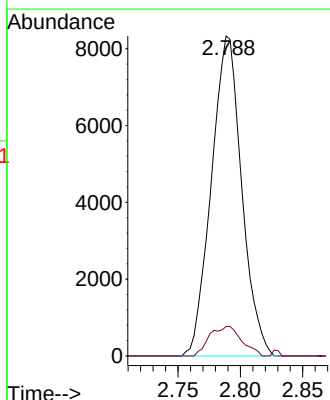
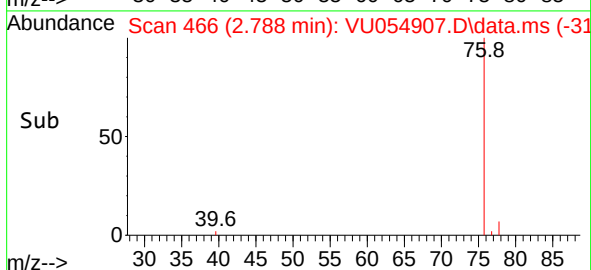
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

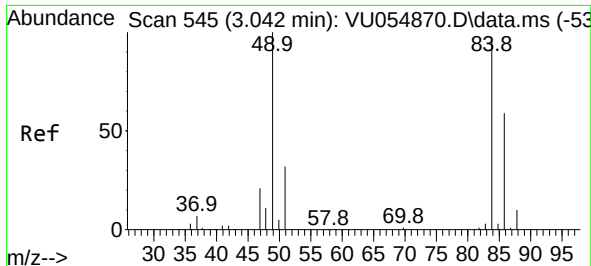


#14
Carbon Disulfide
Concen: 1.777 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



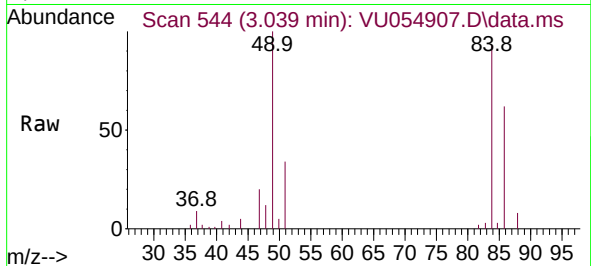
Tgt Ion: 76 Resp: 14127
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#15
Methylene Chloride
Concen: 2.463 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

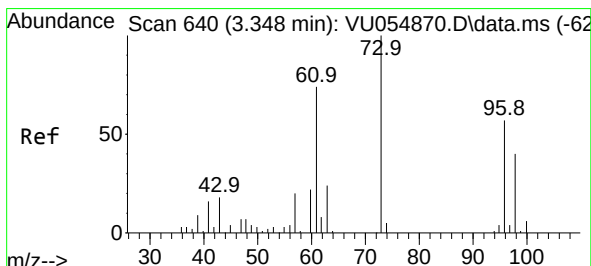
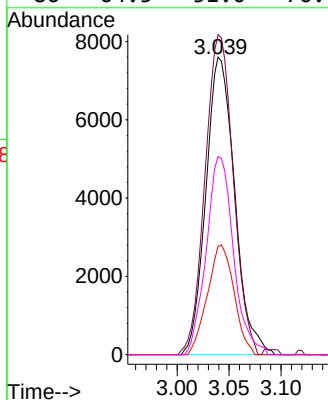
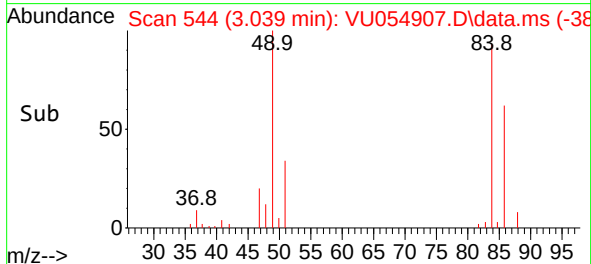
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 84 Resp: 14650
Ion Ratio Lower Upper
84 100
49 104.2 87.8 131.6
51 35.2 0.0 68.2
86 64.5 51.0 76.4

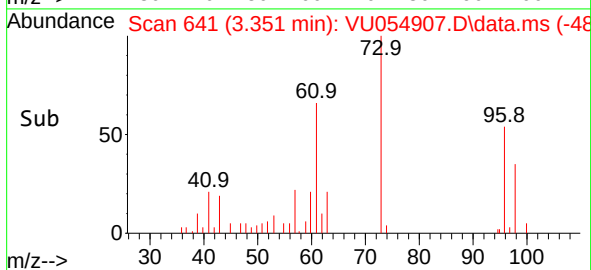
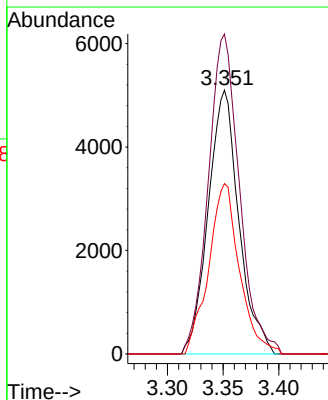
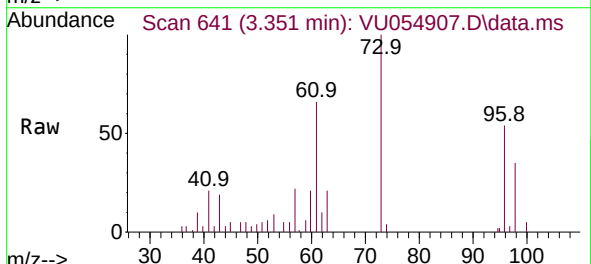
Manual Integrations
APPROVED

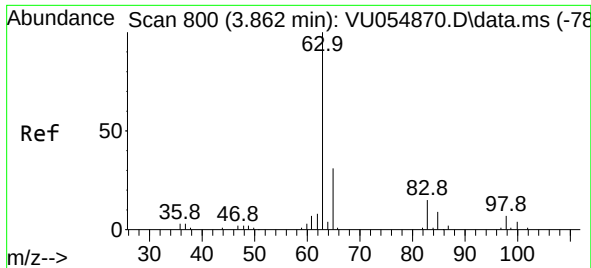
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 1.953 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Tgt Ion: 96 Resp: 9757
Ion Ratio Lower Upper
96 100
61 121.3 96.4 144.6
98 64.6 49.3 73.9





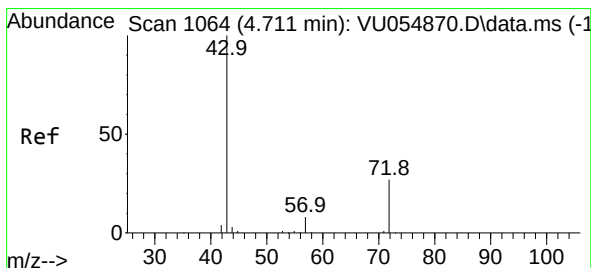
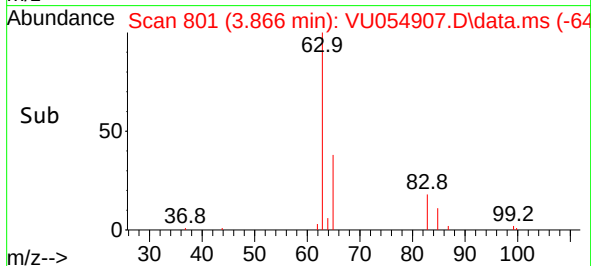
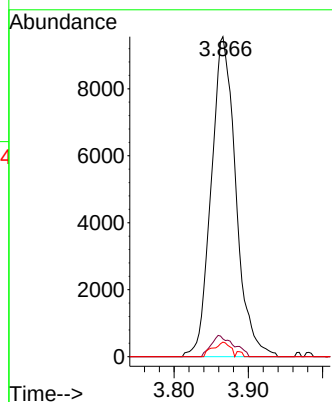
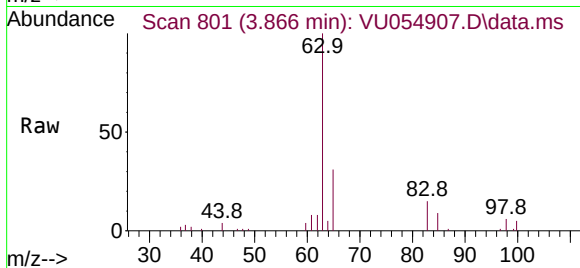
#17
 1,1-Dichloroethane
 Concen: 1.971 ug/l
 RT: 3.866 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBS01

Tgt Ion: 63 Resp: 22010
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.6 10.8
 100 4.6 2.8 8.4

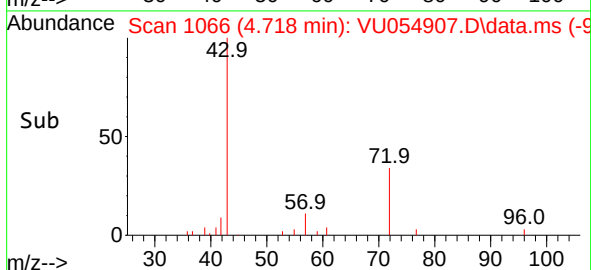
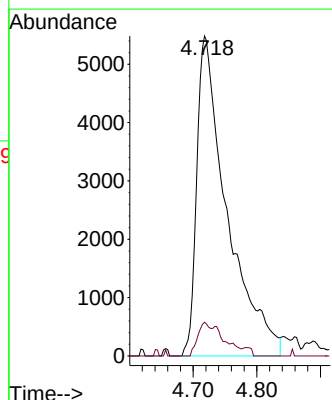
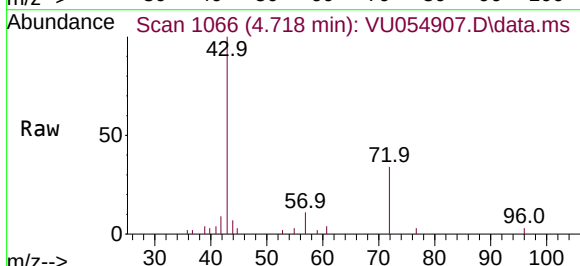
Manual Integrations
 APPROVED

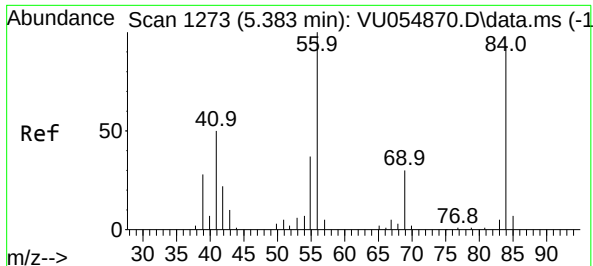
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#18
 2-Butanone
 Concen: 11.896 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.007 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00

Tgt Ion: 43 Resp: 18063
 Ion Ratio Lower Upper
 43 100
 57 10.5 0.0 20.8





#19

Cyclohexane

Concen: 2.133 ug/l m

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

Tgt Ion: 56 Resp: 13408

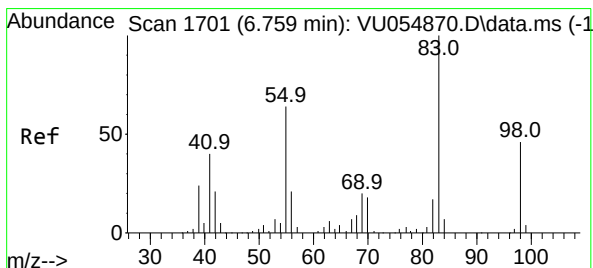
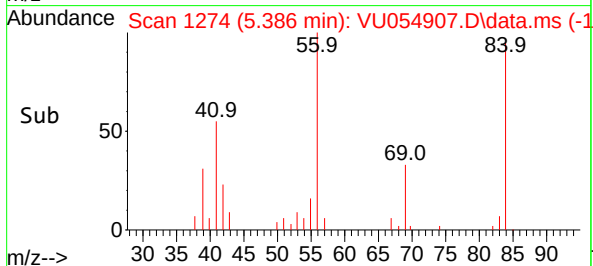
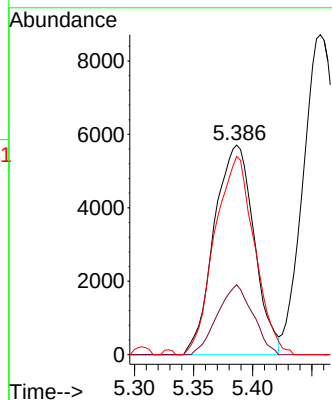
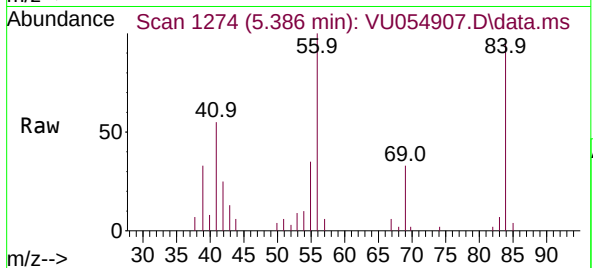
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.7	37.1
84	94.1	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 2.136 ug/l

RT: 6.759 min Scan# 1701

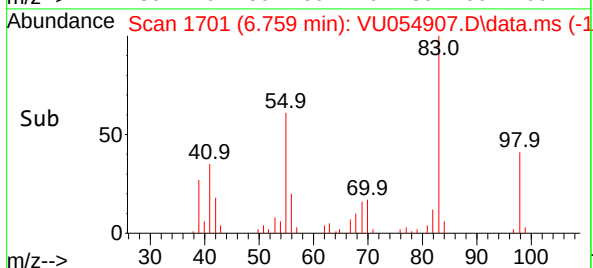
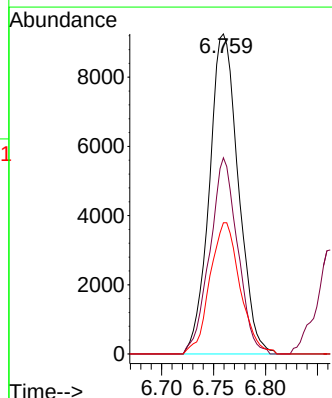
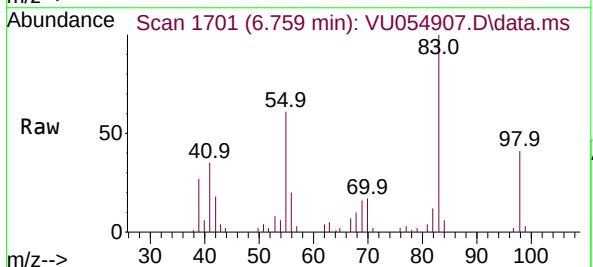
Delta R.T. 0.000 min

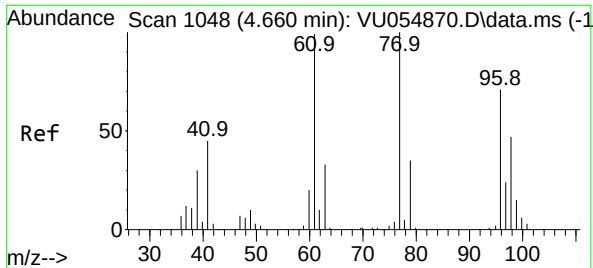
Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion: 83 Resp: 17952

Ion	Ratio	Lower	Upper
83	100		
55	58.8	51.6	77.4
98	42.6	38.2	57.2





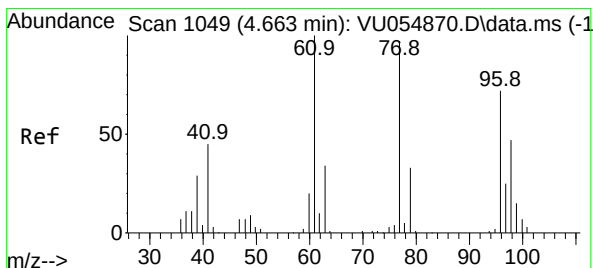
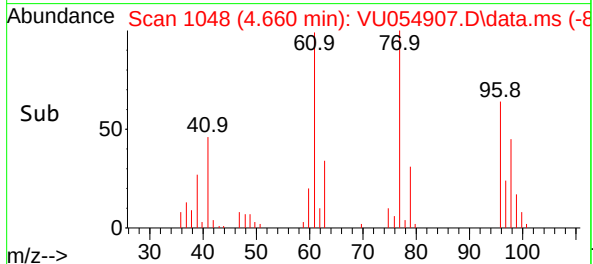
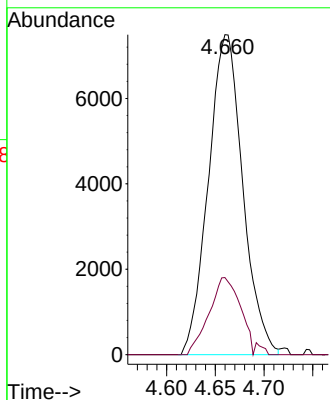
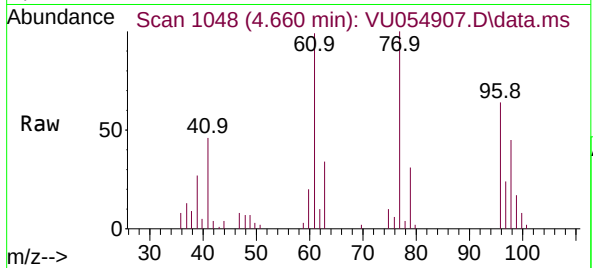
#21
2,2-Dichloropropane
Concen: 1.774 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion: 77 Resp: 18370
Ion Ratio Lower Upper
77 100
97 22.4 18.0 27.0

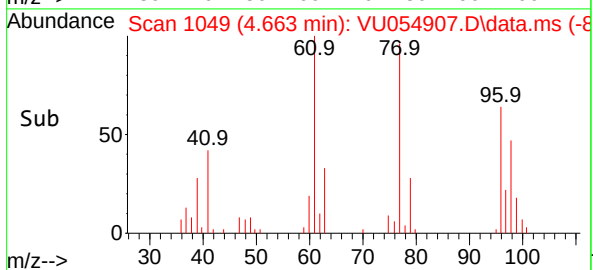
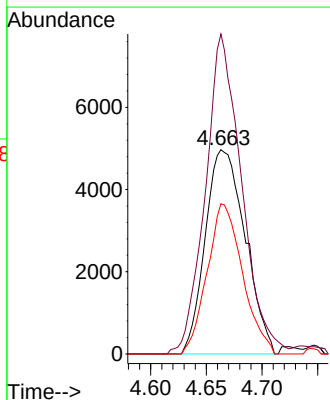
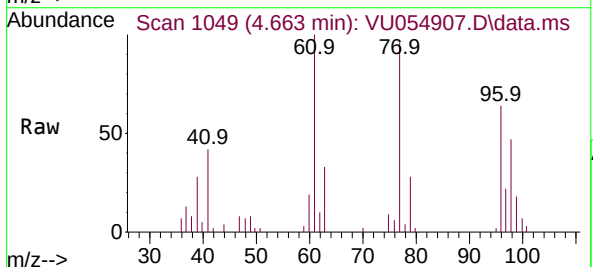
Manual Integrations
APPROVED

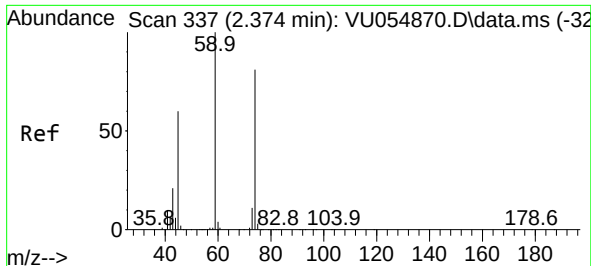
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 1.868 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

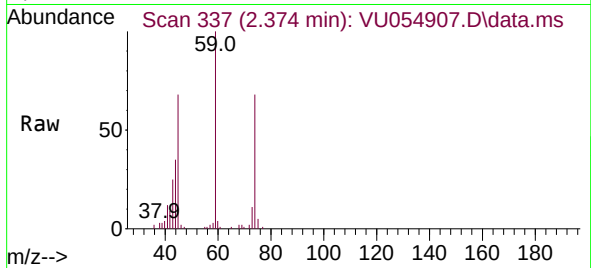
Tgt Ion: 96 Resp: 12399
Ion Ratio Lower Upper
96 100
61 141.6 0.0 332.0
98 65.0 32.5 97.5





#23
Diethyl Ether
Concen: 1.815 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

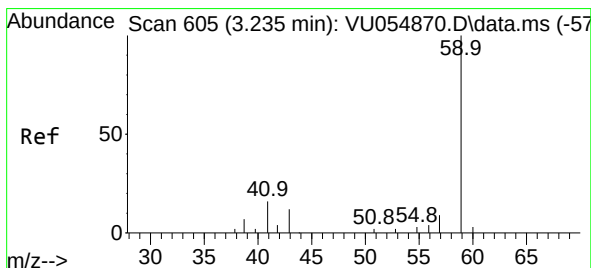
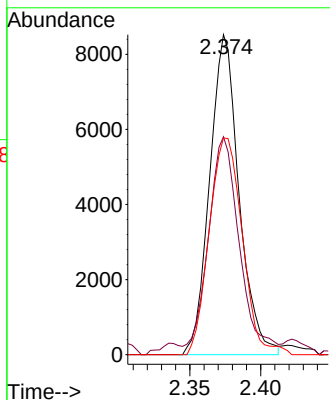
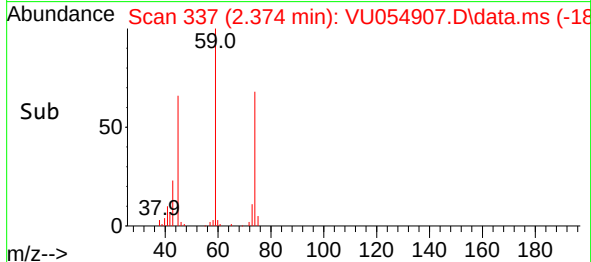
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 59 Resp: 12288
Ion Ratio Lower Upper
59 100
45 72.1 51.4 77.0
74 76.3 63.1 94.7

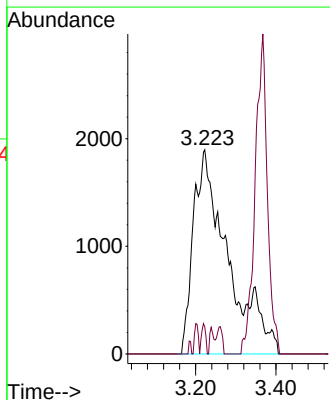
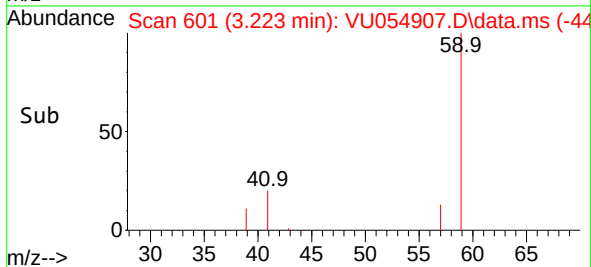
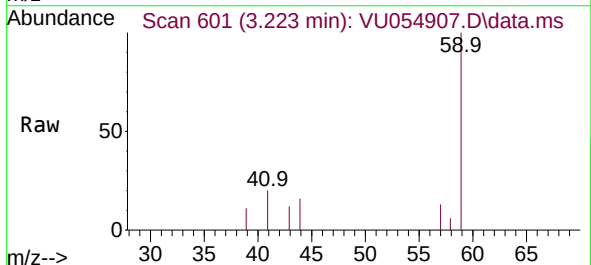
Manual Integrations
APPROVED

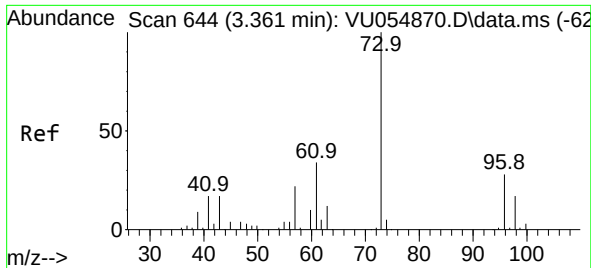
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 17.946 ug/l m
RT: 3.223 min Scan# 601
Delta R.T. -0.013 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Tgt Ion: 59 Resp: 11302
Ion Ratio Lower Upper
59 100
57 1.8 2.2 3.2#





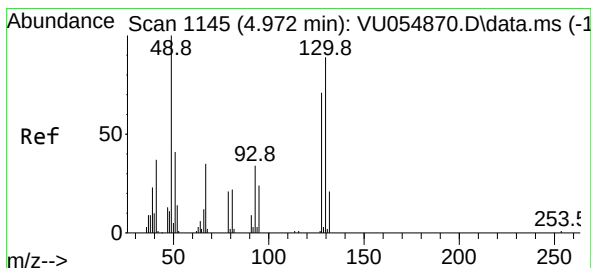
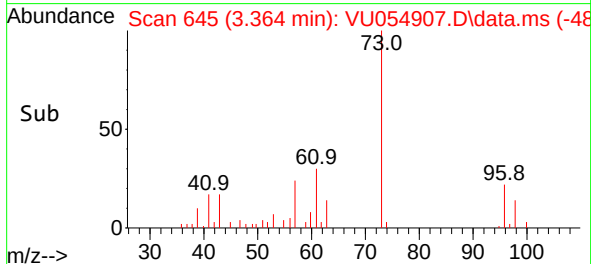
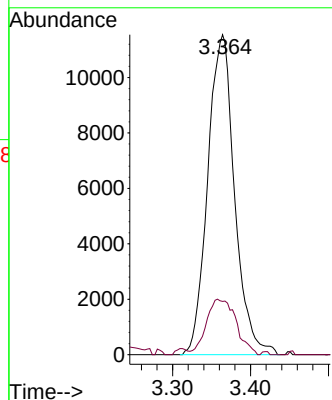
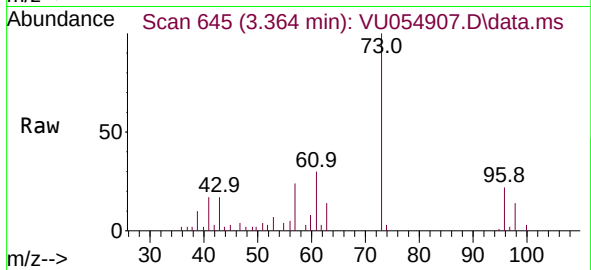
#25
Methyl tert-Butyl Ether
Concen: 1.950 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion: 73 Resp: 2768
Ion Ratio Lower Upper
73 100
43 19.2 14.6 22.0

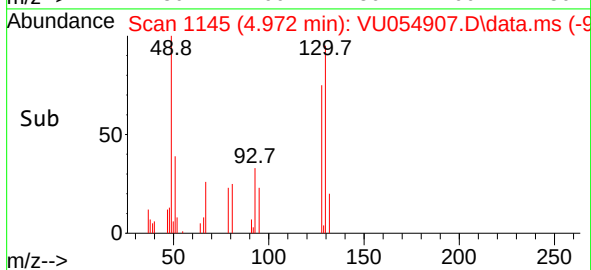
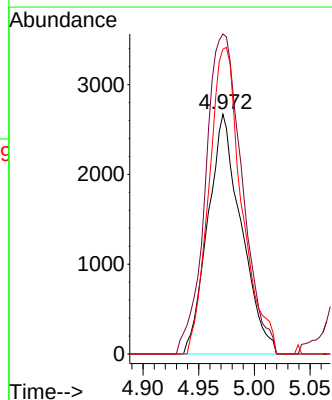
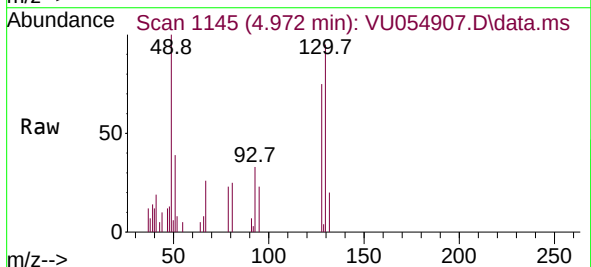
Manual Integrations
APPROVED

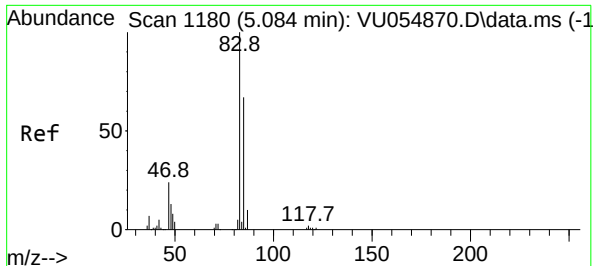
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 2.039 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Tgt Ion:128 Resp: 5551
Ion Ratio Lower Upper
128 100
49 147.0 0.0 304.0
130 126.2 104.3 156.5





#27

Chloroform

Concen: 2.055 ug/l

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

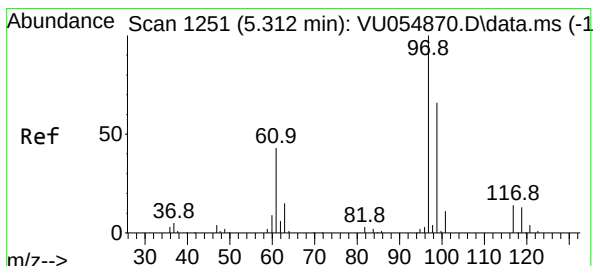
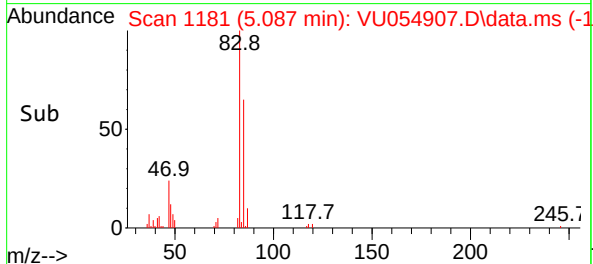
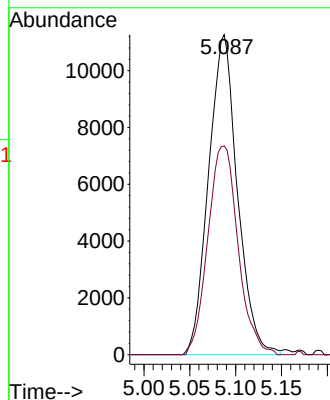
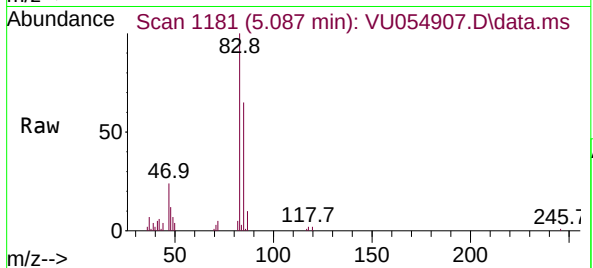
Tgt Ion: 83 Resp: 24654
 Ion Ratio Lower Upper
 83 100
 85 63.1 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 1.991 ug/l

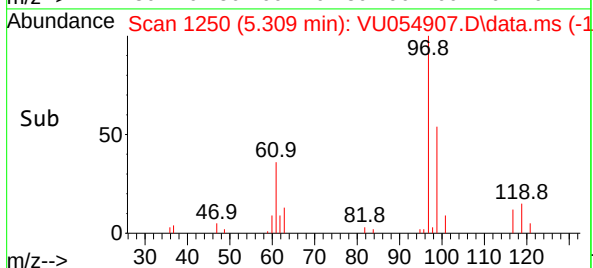
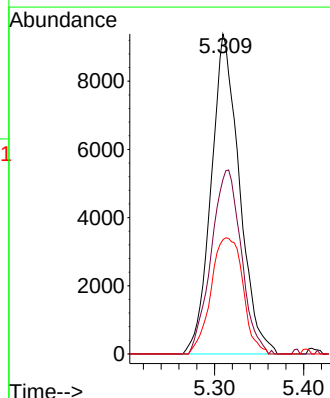
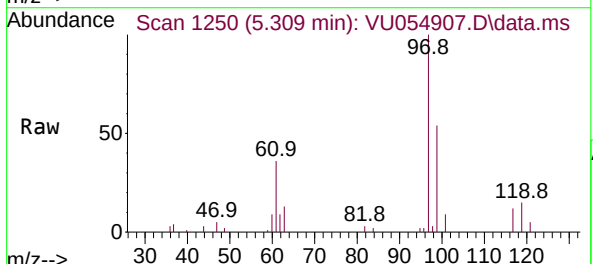
RT: 5.309 min Scan# 1250

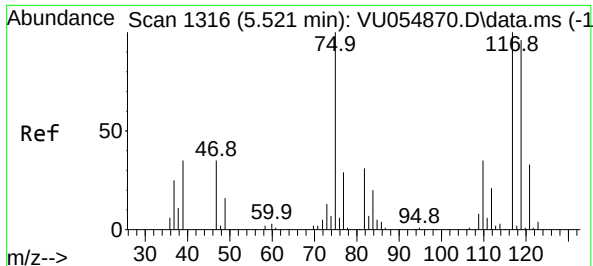
Delta R.T. -0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion: 97 Resp: 20631
 Ion Ratio Lower Upper
 97 100
 99 61.1 32.0 96.2
 61 41.0 21.0 63.0





#29

1,1-Dichloropropene

Concen: 1.911 ug/l

RT: 5.525 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

Tgt Ion: 75 Resp: 1460

Ion Ratio Lower Upper

75 100

110 34.0 18.5 55.5

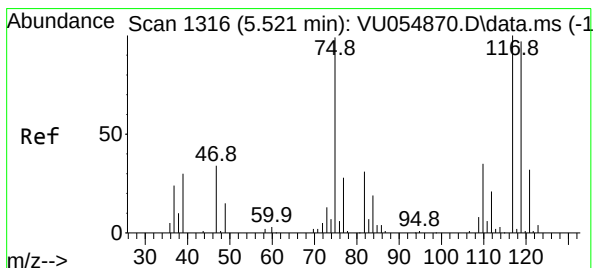
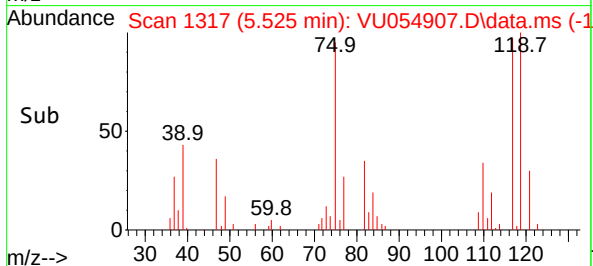
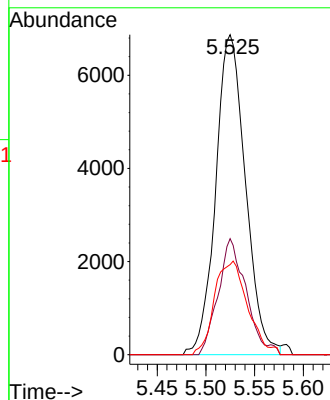
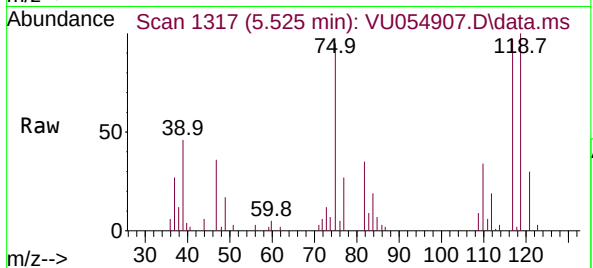
77 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 1.831 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

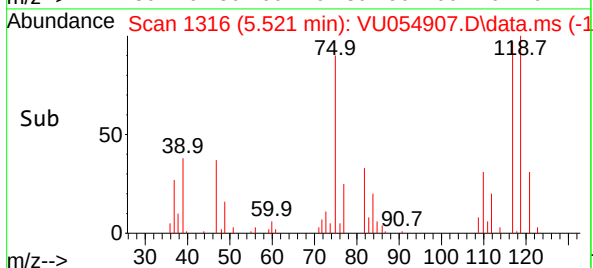
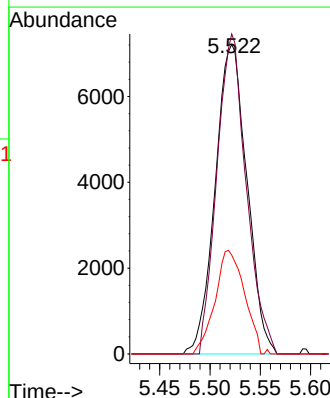
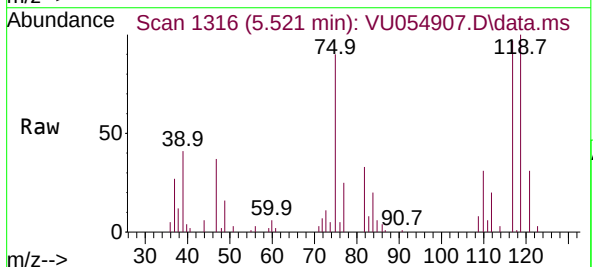
Tgt Ion:117 Resp: 15842

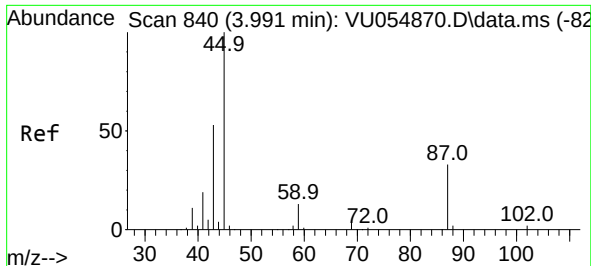
Ion Ratio Lower Upper

117 100

119 103.4 75.6 113.4

121 31.9 23.4 35.0





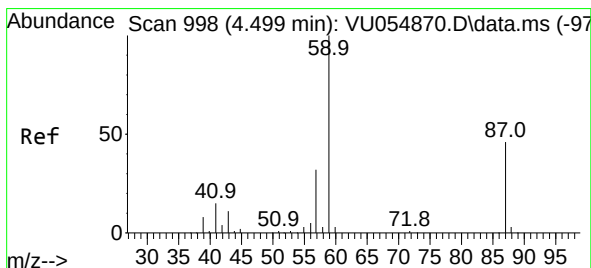
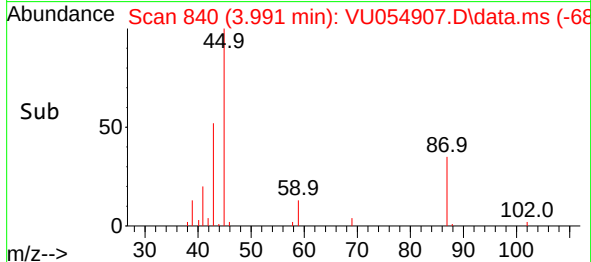
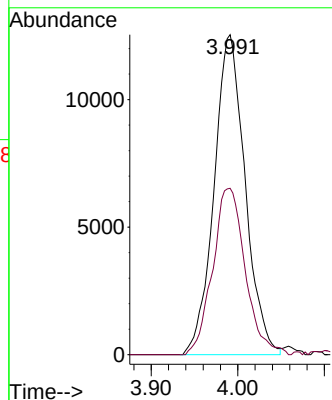
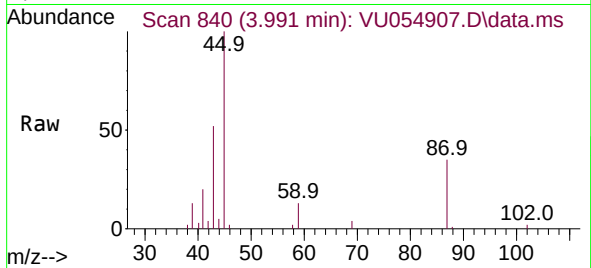
#31
Isopropyl Ether
Concen: 1.895 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion: 45 Resp: 31250
Ion Ratio Lower Upper
45 100
43 54.5 26.4 79.2

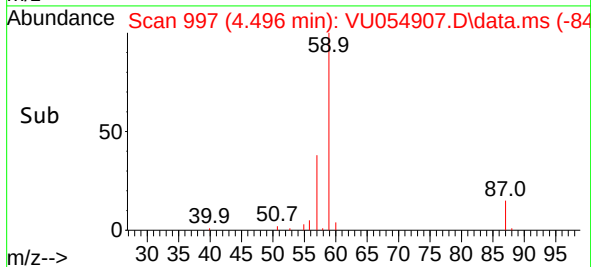
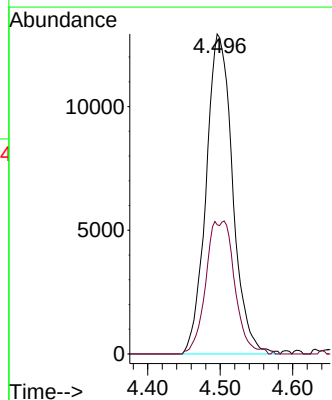
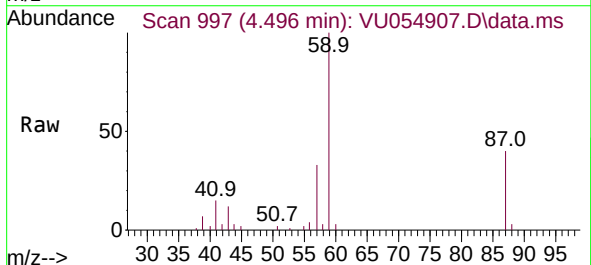
Manual Integrations
APPROVED

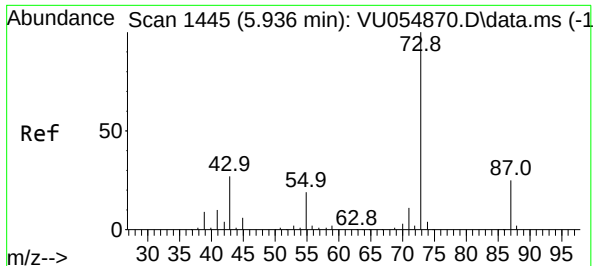
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 1.936 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

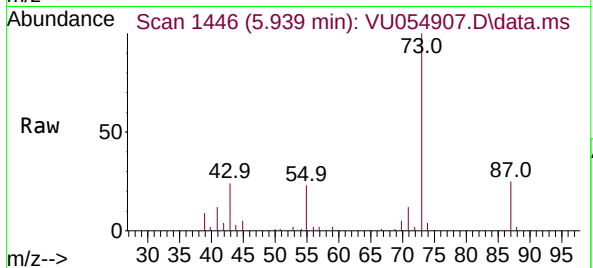
Tgt Ion: 59 Resp: 32867
Ion Ratio Lower Upper
59 100
87 22.8 35.7 53.5#





#33
Tert-Amyl methyl ether
Concen: 1.872 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

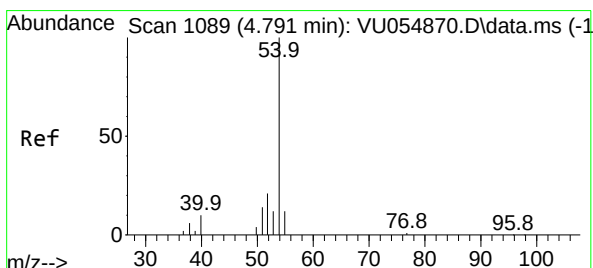
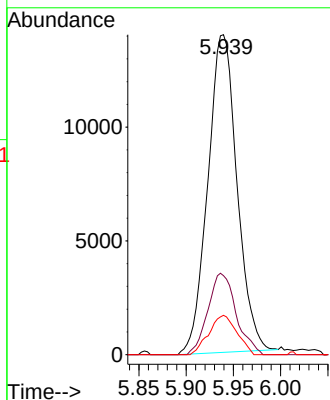
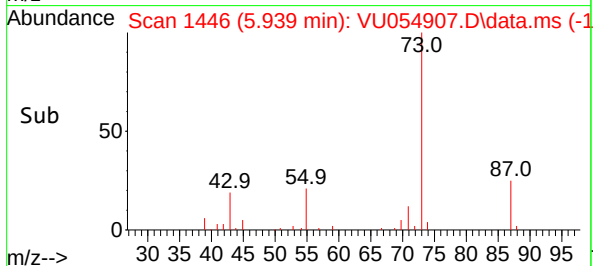
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



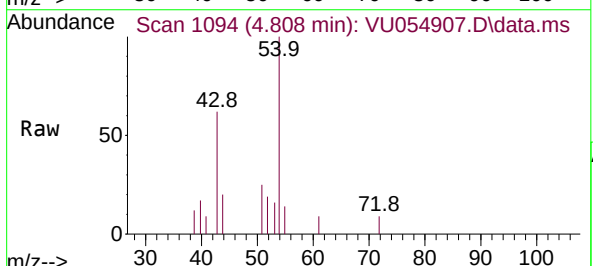
Tgt Ion: 73 Resp: 30054
Ion Ratio Lower Upper
73 100
87 24.7 19.6 29.4
71 11.8 9.1 13.7

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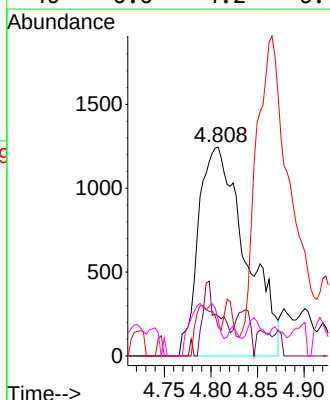
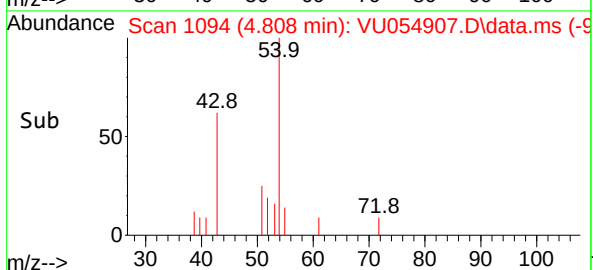
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

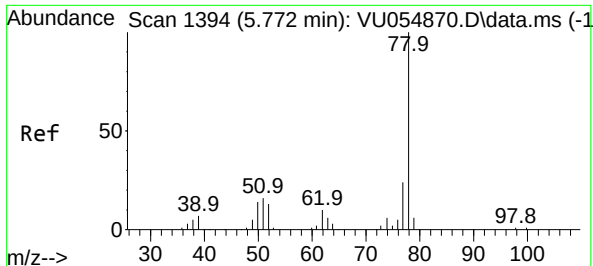


#34
Propionitrile
Concen: 10.444 ug/l m
RT: 4.808 min Scan# 1094
Delta R.T. 0.016 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



Tgt Ion: 54 Resp: 4372
Ion Ratio Lower Upper
54 100
52 12.4 13.8 20.8#
55 4.4 4.8 7.2#
40 0.0 4.2 6.4#





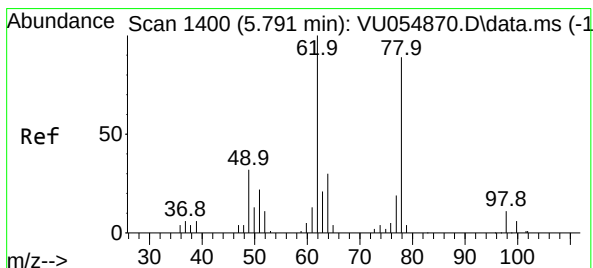
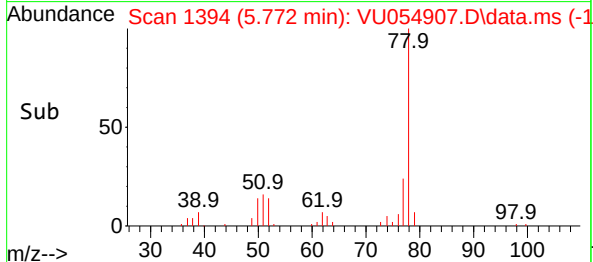
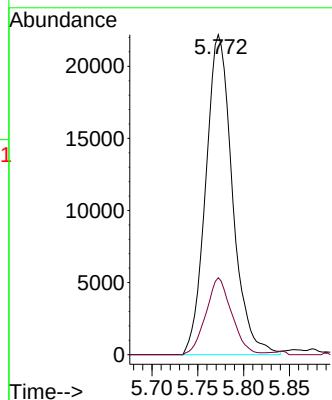
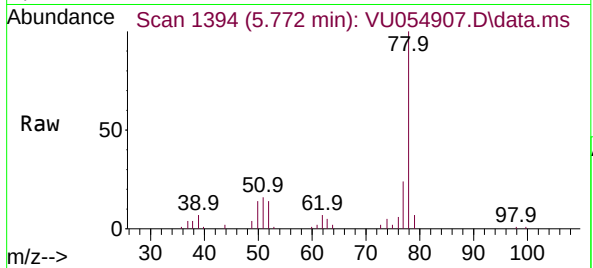
#35
Benzene
Concen: 1.877 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion: 78 Resp: 44934
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

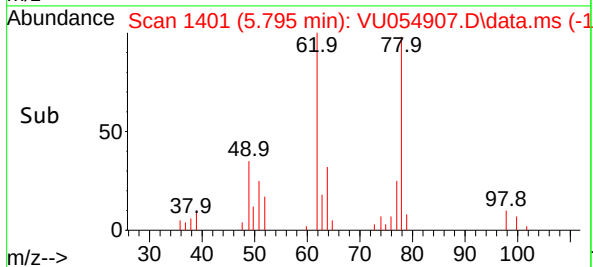
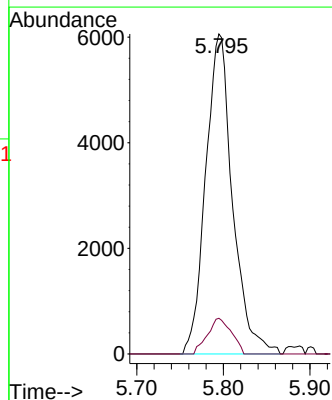
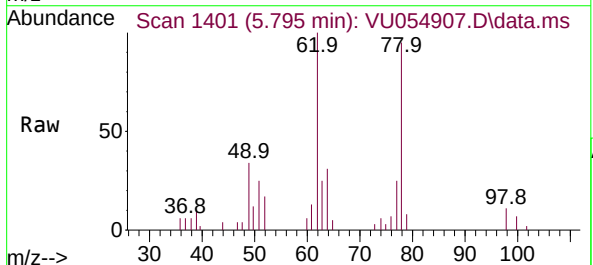
Manual Integrations
APPROVED

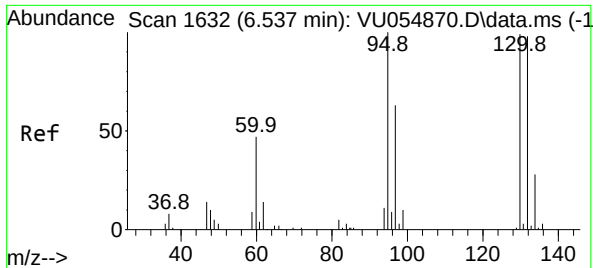
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 1.920 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

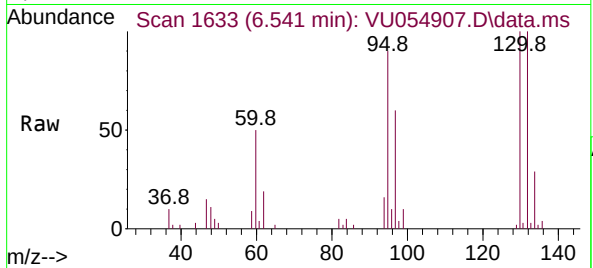
Tgt Ion: 62 Resp: 13078
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#37
Trichloroethene
Concen: 1.950 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

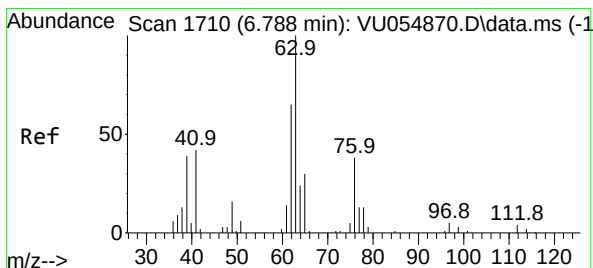
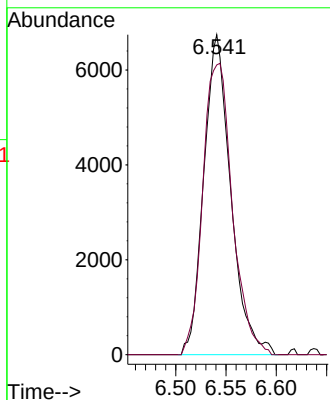
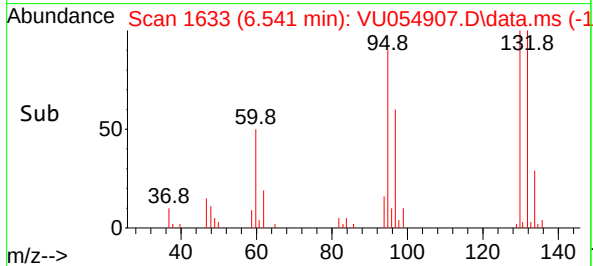
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



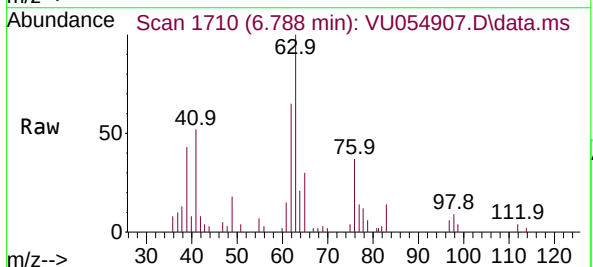
Tgt Ion:130 Resp: 1255
Ion Ratio Lower Upper
130 100
95 87.7 76.8 115.2

Manual Integrations
APPROVED

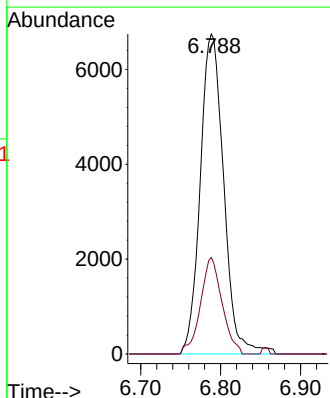
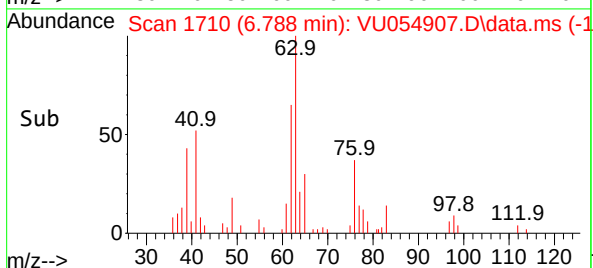
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

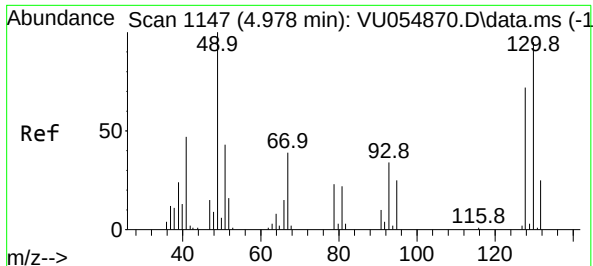


#38
1,2-Dichloropropane
Concen: 2.035 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



Tgt Ion: 63 Resp: 13772
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5





#39

Methacrylonitrile

Concen: 1.915 ug/l m

RT: 4.981 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

Tgt Ion: 41 Resp: 3214

Ion Ratio Lower Upper

41 100

67 104.8 77.0 115.4

39 22.5 50.4 75.6

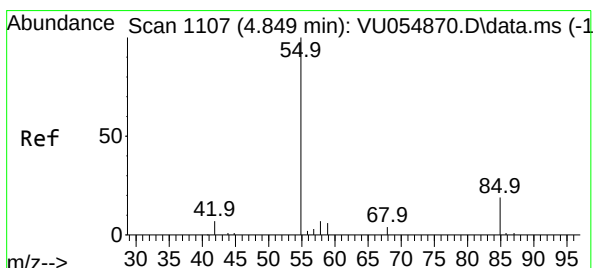
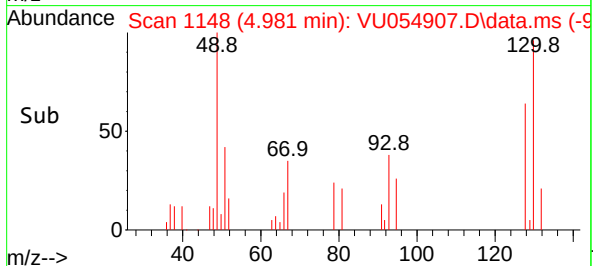
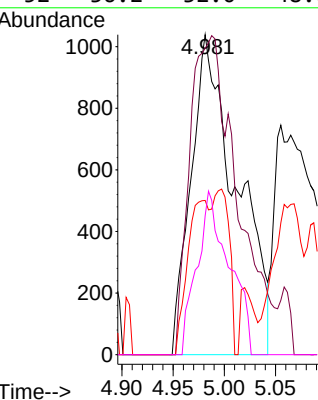
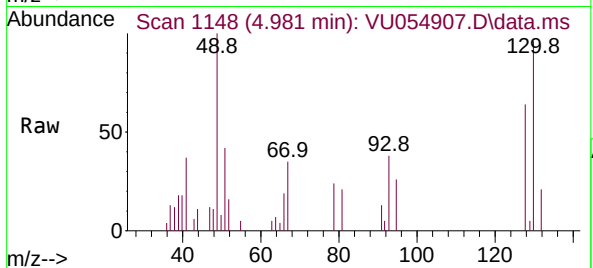
52 36.2 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 1.854 ug/l m

RT: 4.866 min Scan# 1112

Delta R.T. 0.016 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion: 55 Resp: 4948

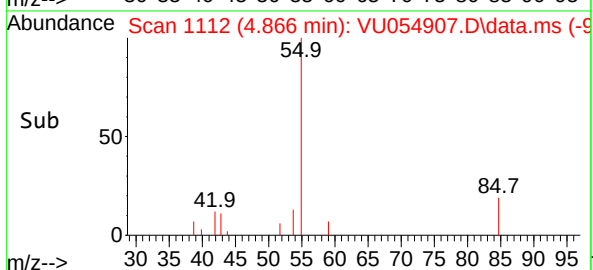
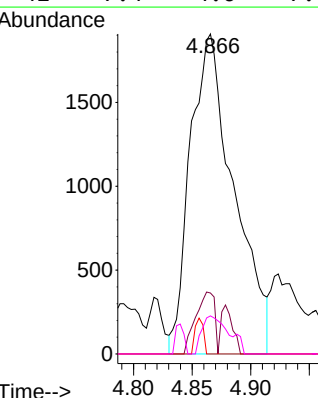
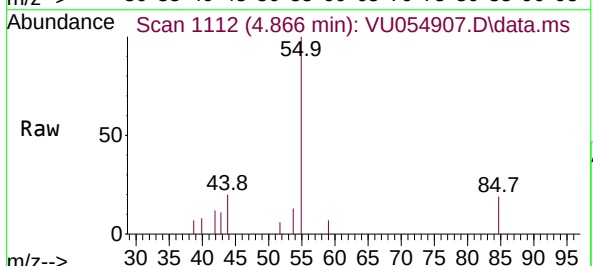
Ion Ratio Lower Upper

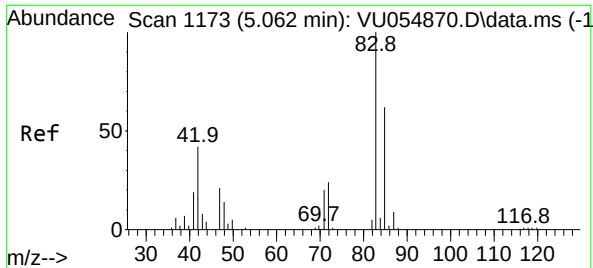
55 100

85 0.0 13.0 19.6#

58 2.2 5.7 8.5#

42 7.4 4.6 7.0#





#41

Tetrahydrofuran

Concen: 3.715 ug/l m

RT: 5.078 min Scan# 1173

Delta R.T. 0.016 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

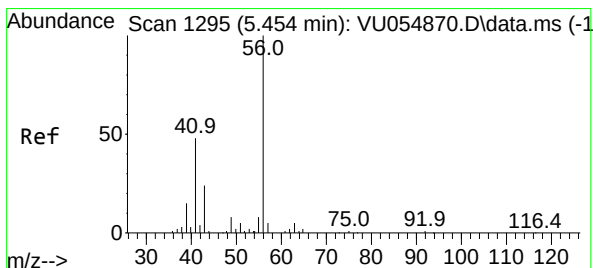
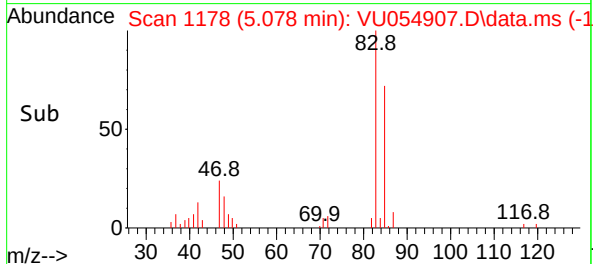
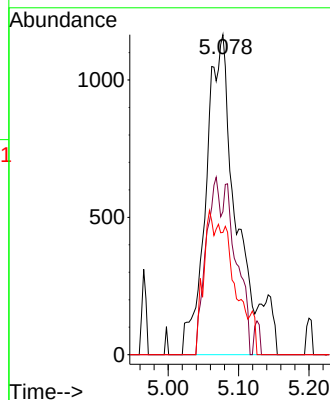
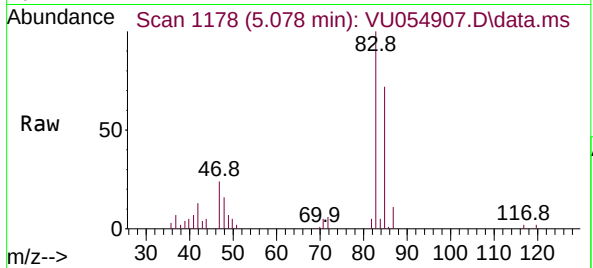
Tgt Ion:	42	Resp:	356
Ion Ratio	Lower	Upper	
42	100		
72	25.8	42.1	63.1
71	15.5	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 1.867 ug/l

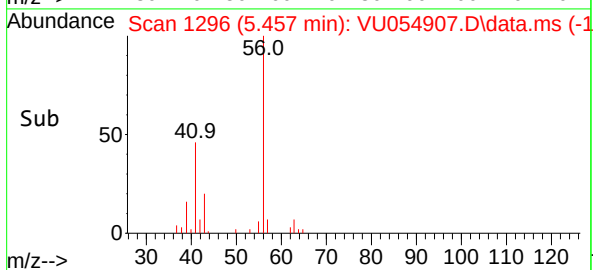
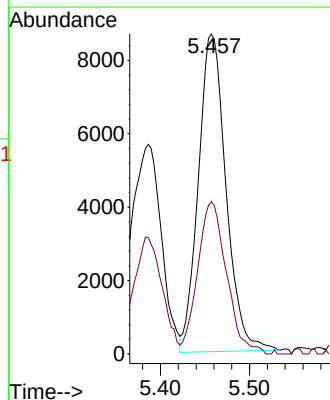
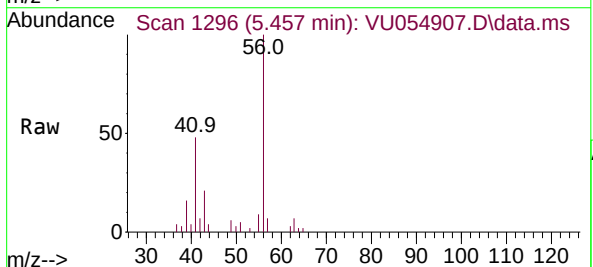
RT: 5.457 min Scan# 1296

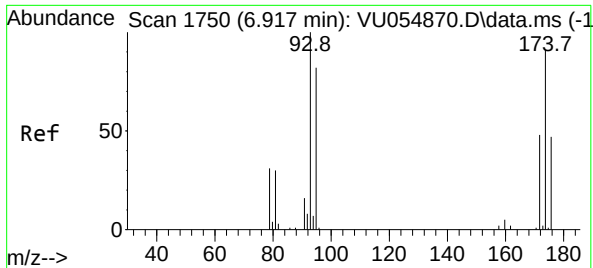
Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion:	56	Resp:	18684
Ion Ratio	Lower	Upper	
56	100		
41	50.0	23.9	71.7





#43

Dibromomethane

Concen: 1.909 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

Tgt Ion: 93 Resp: 6068

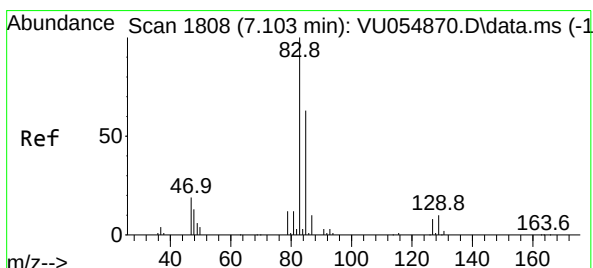
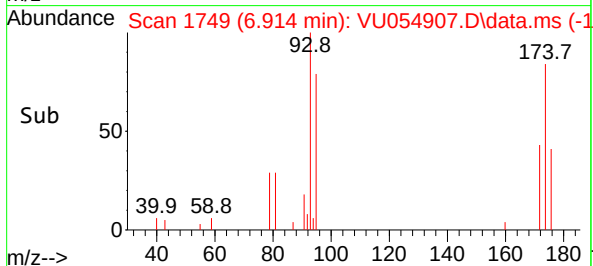
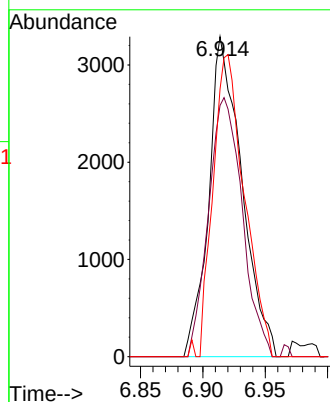
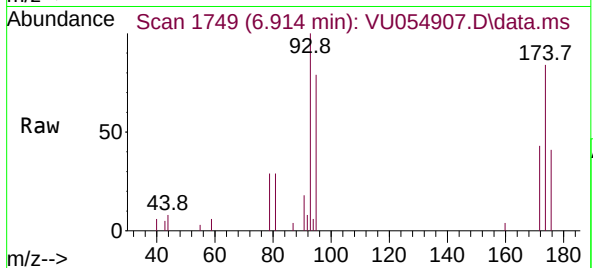
Ion	Ratio	Lower	Upper
93	100		
95	82.6	64.7	97.1
174	89.9	74.4	111.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#44

Bromodichloromethane

Concen: 1.904 ug/l

RT: 7.103 min Scan# 1808

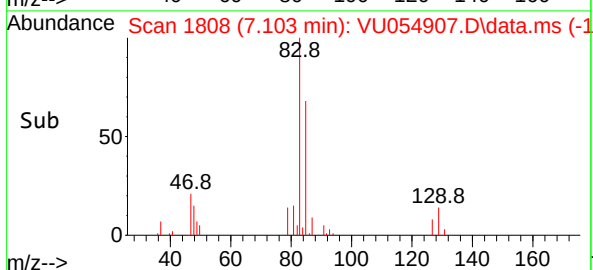
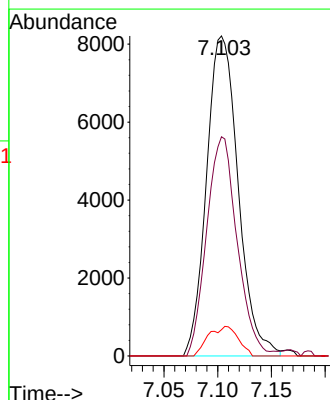
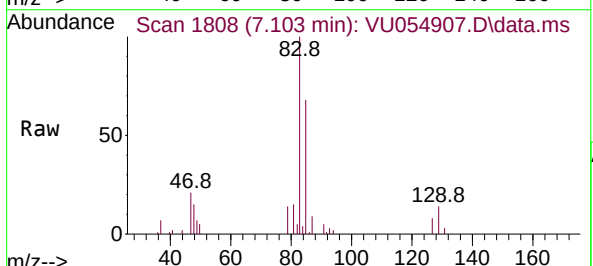
Delta R.T. 0.000 min

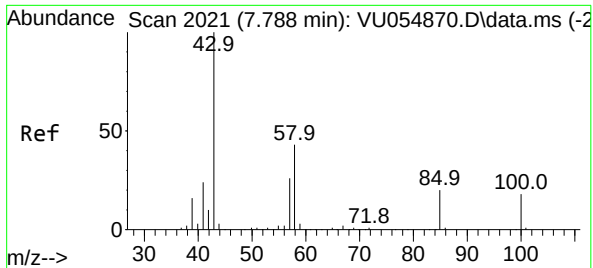
Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion: 83 Resp: 16860

Ion	Ratio	Lower	Upper
83	100		
85	68.5	52.2	78.2
127	8.2	6.1	9.1





#45

4-Methyl-2-Pentanone

Concen: 9.612 ug/l

RT: 7.792 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

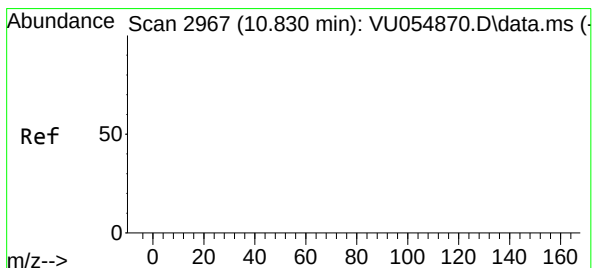
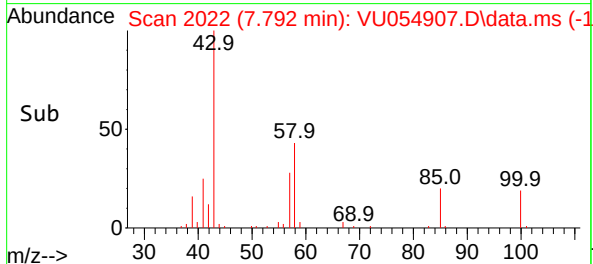
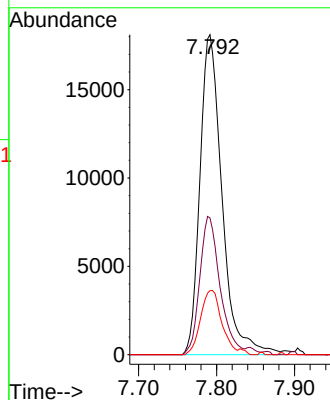
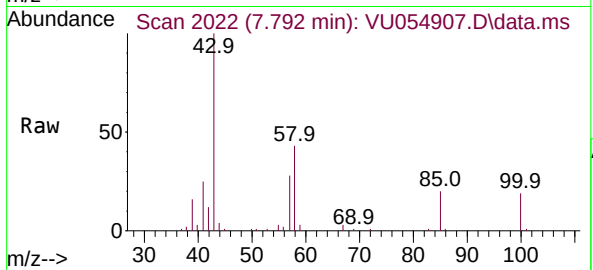
Tgt Ion: 43 Resp: 35649
 Ion Ratio Lower Upper
 43 100
 58 39.8 21.3 63.7
 85 19.1 15.3 22.9

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: 4.360 ug/l m

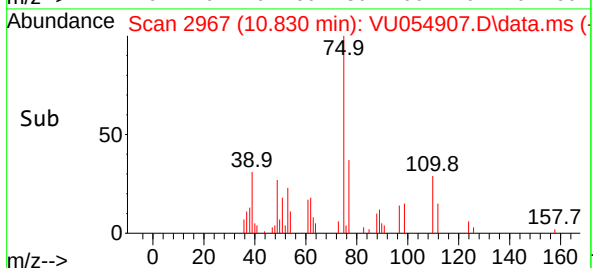
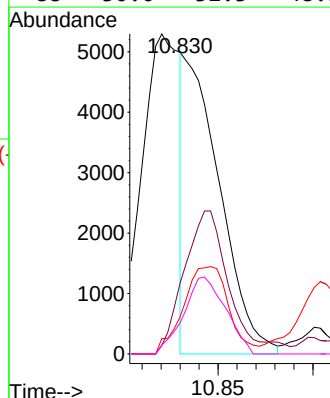
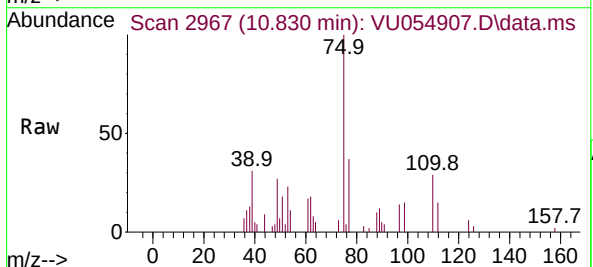
RT: 10.830 min Scan# 2967

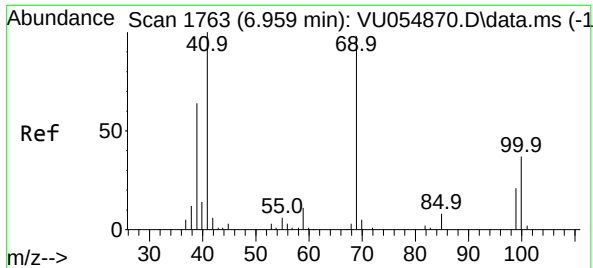
Delta R.T. 0.000 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion: 75 Resp: 6506
 Ion Ratio Lower Upper
 75 100
 53 60.0 62.9 94.3#
 89 37.0 47.8 71.8#
 88 30.0 32.3 48.5#





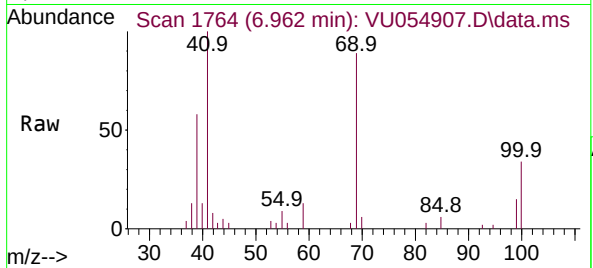
#47
Methyl methacrylate
Concen: 3.950 ug/l
RT: 6.962 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01



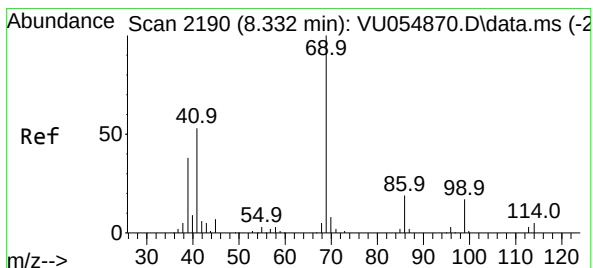
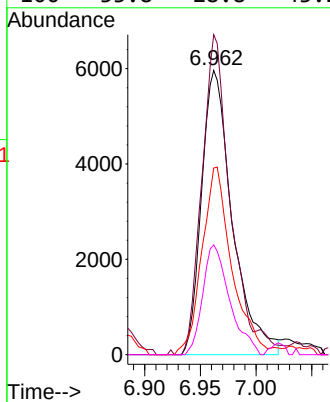
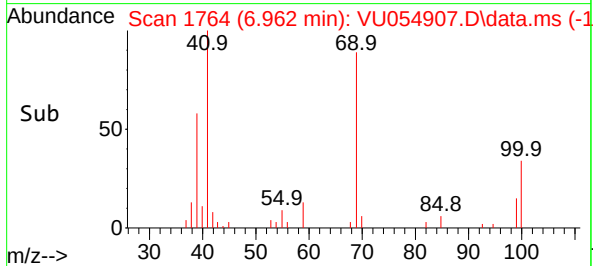
Tgt Ion: 69 Resp: 1147
Ion Ratio Lower Upper
69 100
41 105.0 0.0 193.0
39 64.0 50.4 75.6
100 33.8 28.8 43.2

Manual Integrations

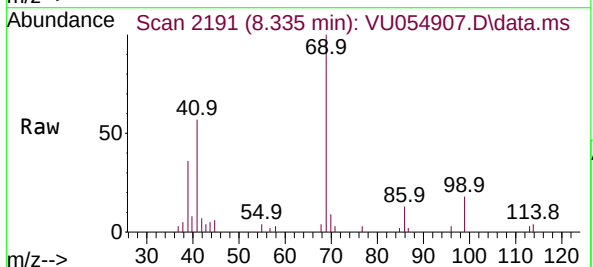
APPROVED

Reviewed By :John Carlone 07/31/2023

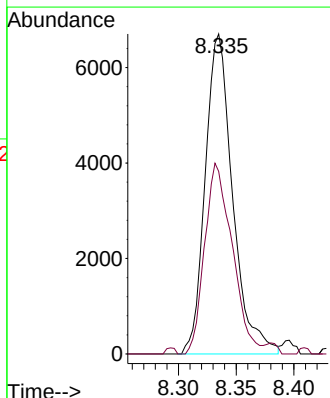
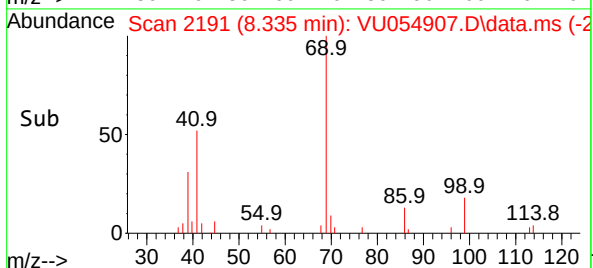
Supervised By :Mahesh Dadoda 07/31/2023

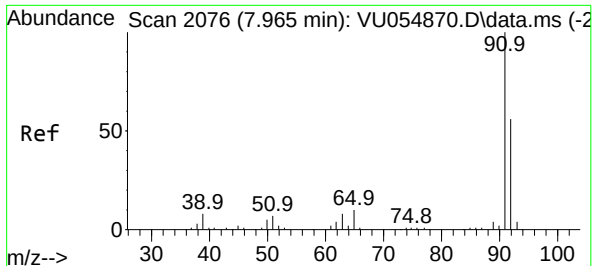


#48
Ethyl methacrylate
Concen: 1.884 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



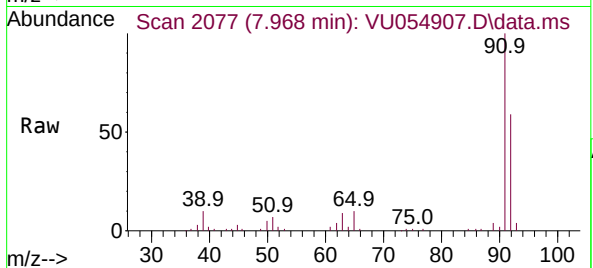
Tgt Ion: 69 Resp: 11075
Ion Ratio Lower Upper
69 100
41 60.1 28.8 86.5





#49
Toluene
Concen: 1.972 ug/l
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

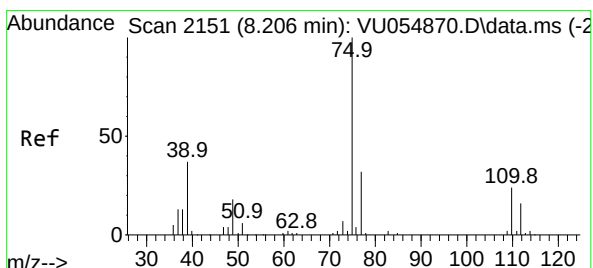
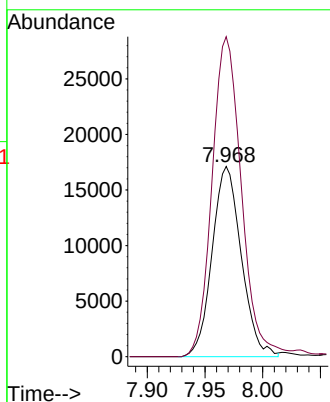
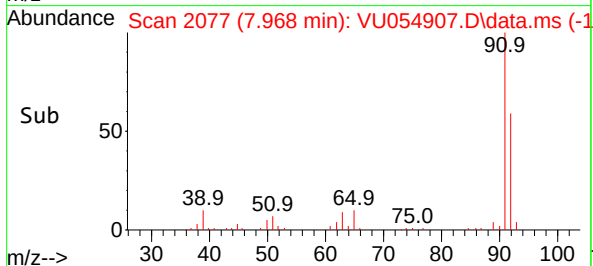
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 92 Resp: 30070
Ion Ratio Lower Upper
92 100
91 169.0 142.9 214.3

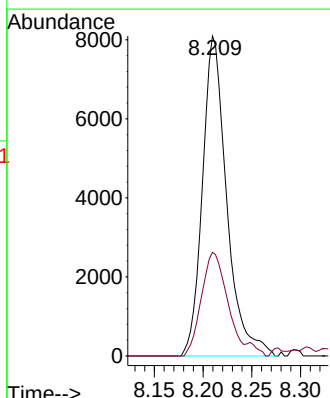
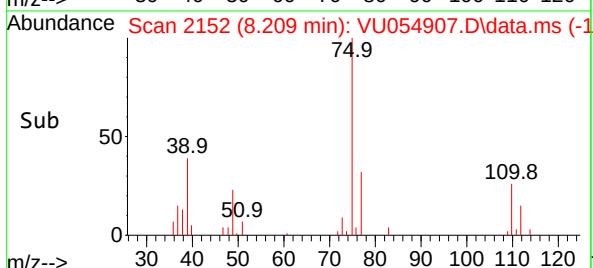
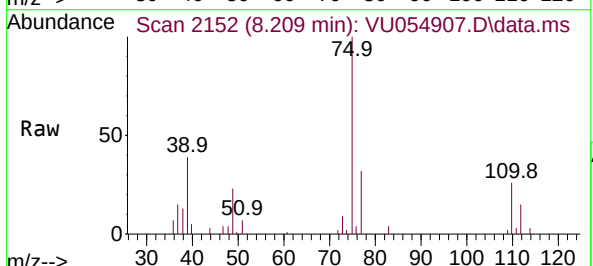
Manual Integrations
APPROVED

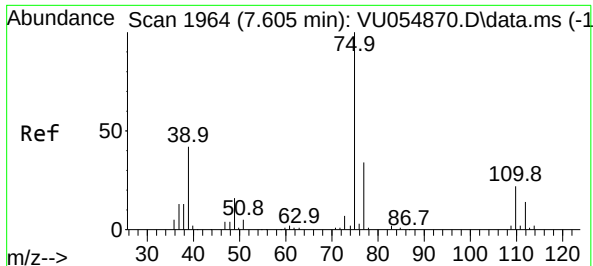
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#50
t-1,3-Dichloropropene
Concen: 1.786 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Tgt Ion: 75 Resp: 14040
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.865 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

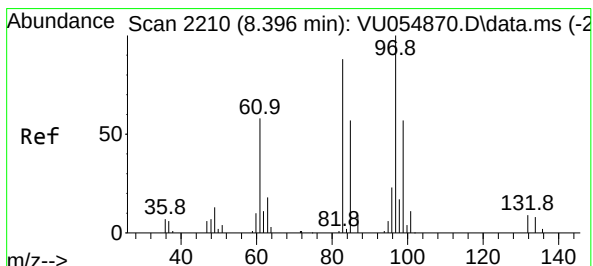
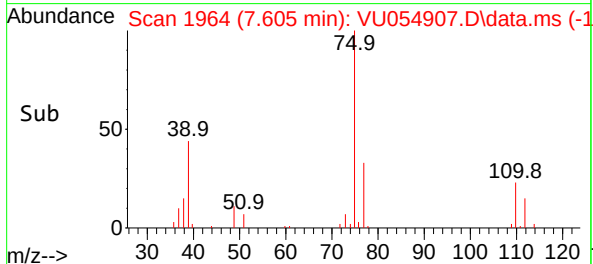
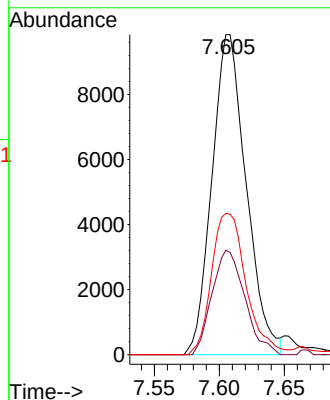
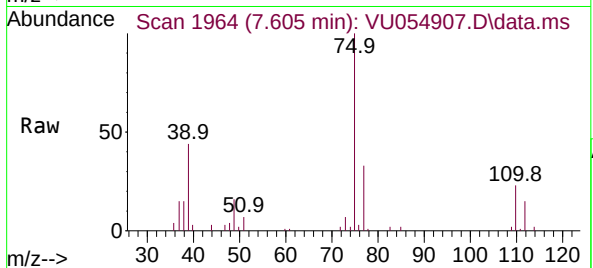
Tgt Ion:	75	Resp:	1802
Ion Ratio	Lower	Upper	
75	100		
77	32.6	25.8	38.8
39	42.9	31.7	47.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#52

1,1,2-Trichloroethane

Concen: 1.917 ug/l

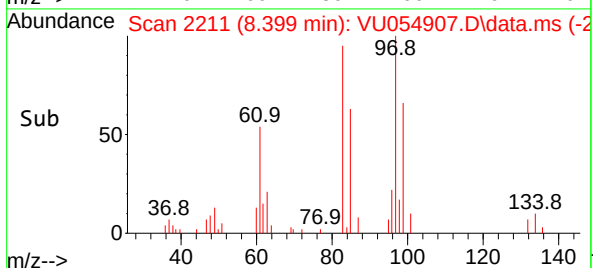
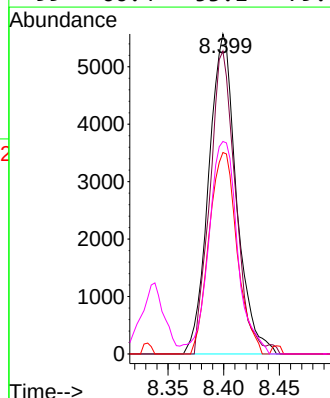
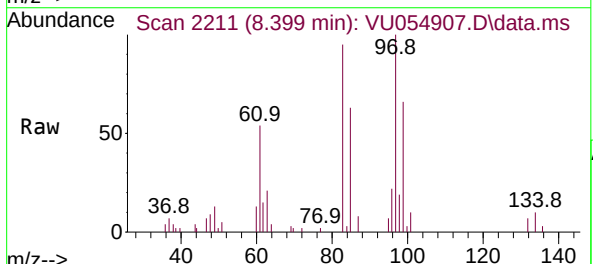
RT: 8.399 min Scan# 2211

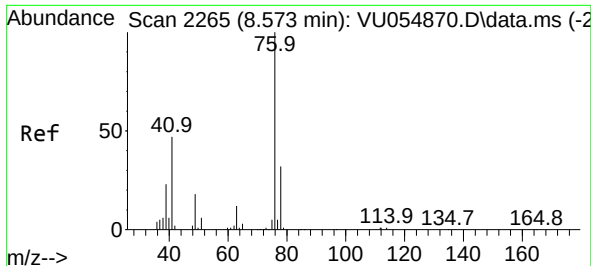
Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion:	97	Resp:	9659
Ion Ratio	Lower	Upper	
97	100		
83	94.7	77.4	116.2
85	62.9	47.8	71.8
99	66.4	53.1	79.7





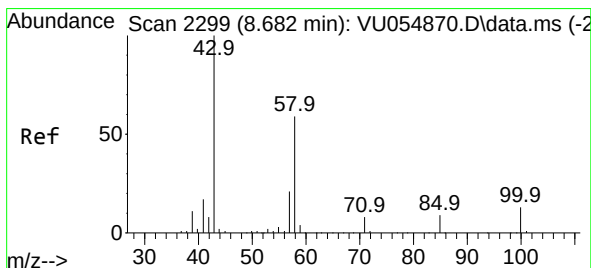
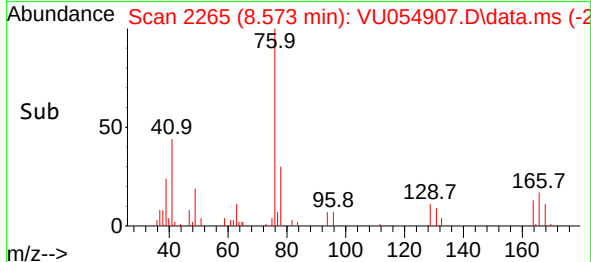
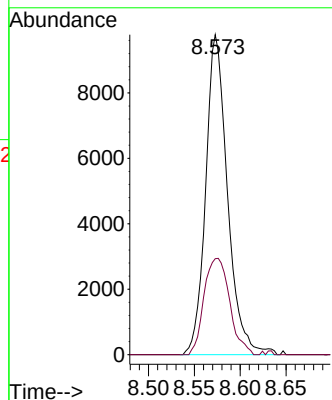
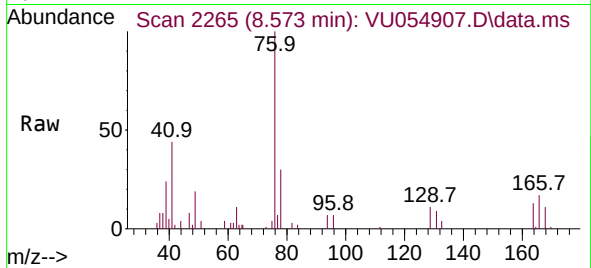
#53
1,3-Dichloropropane
Concen: 1.990 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion: 76 Resp: 16219
Ion Ratio Lower Upper
76 100
78 35.2 24.6 36.8

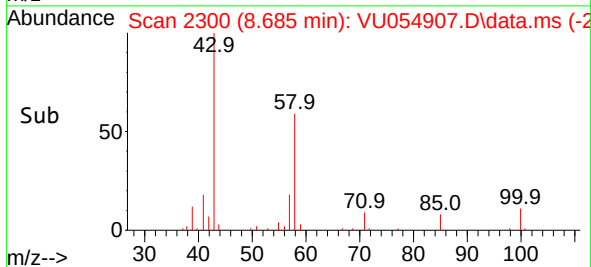
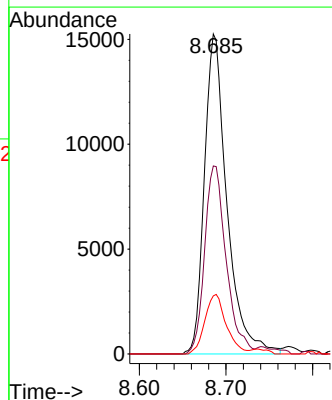
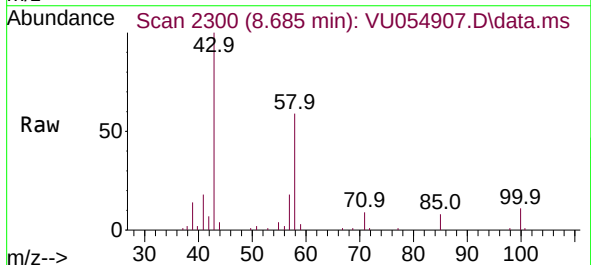
Manual Integrations
APPROVED

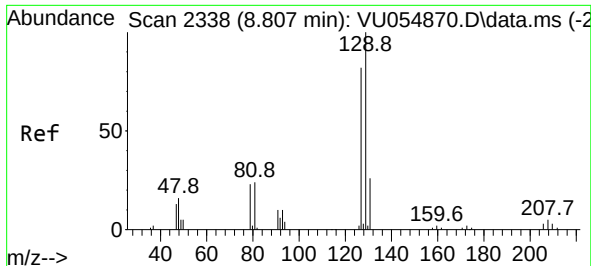
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
2-Hexanone
Concen: 10.457 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

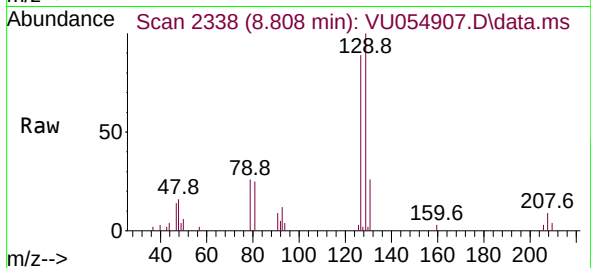
Tgt Ion: 43 Resp: 27559
Ion Ratio Lower Upper
43 100
58 56.3 38.9 78.9
57 17.6 0.0 38.7





#55
Dibromochloromethane
Concen: 1.764 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

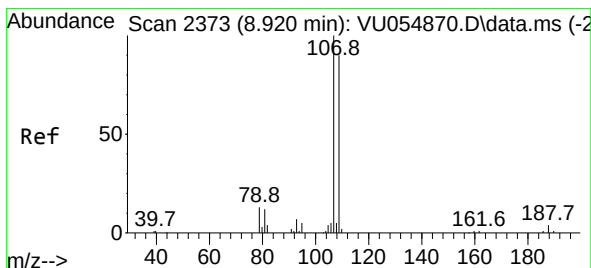
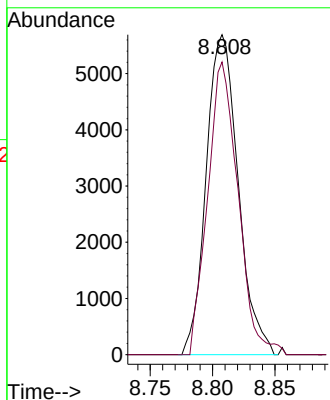
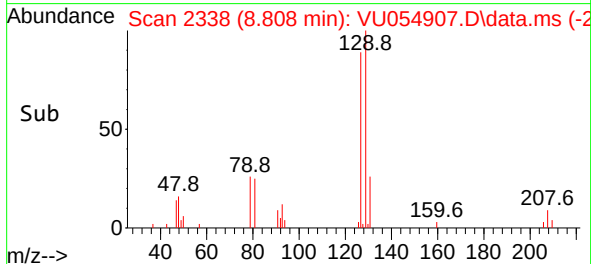
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion:129 Resp: 1018
Ion Ratio Lower Upper
129 100
127 86.8 61.4 92.0

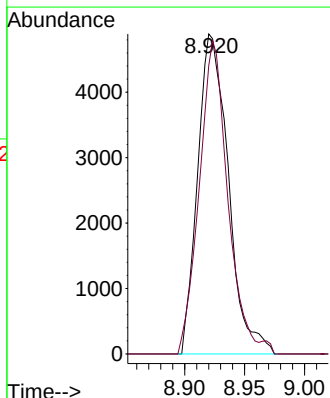
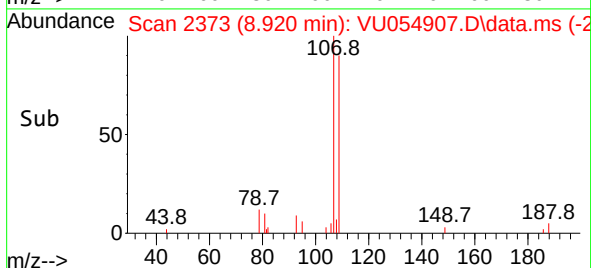
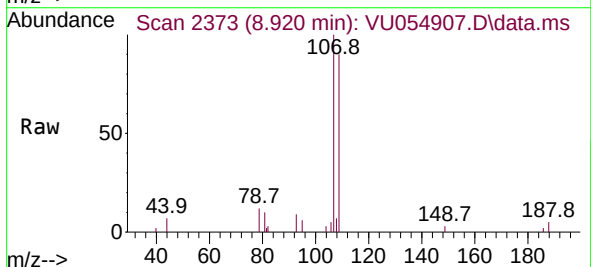
Manual Integrations
APPROVED

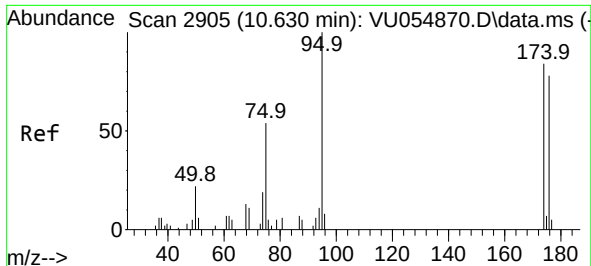
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 2.036 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

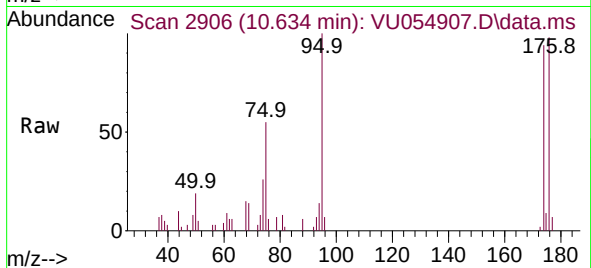
Tgt Ion:107 Resp: 8693
Ion Ratio Lower Upper
107 100
109 90.3 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.005 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

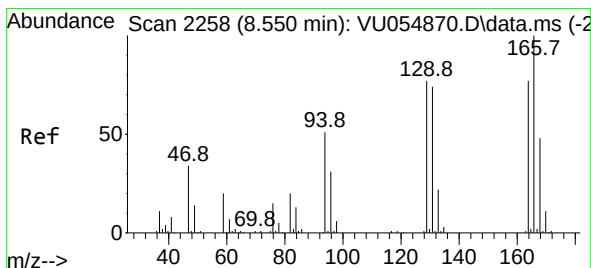
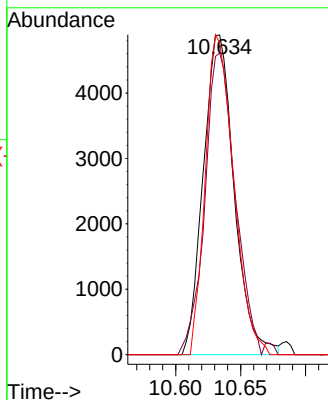
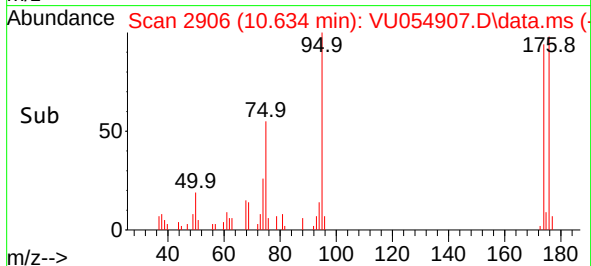
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion: 95 Resp: 8099
Ion Ratio Lower Upper
95 100
174 92.0 79.3 118.9
176 91.8 71.5 107.3

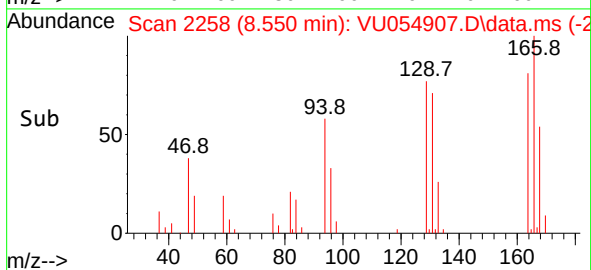
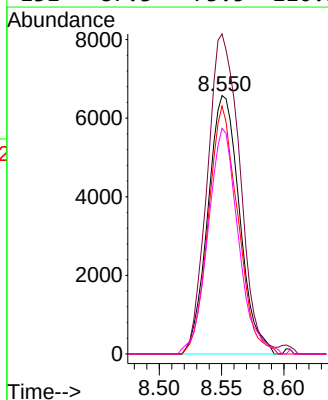
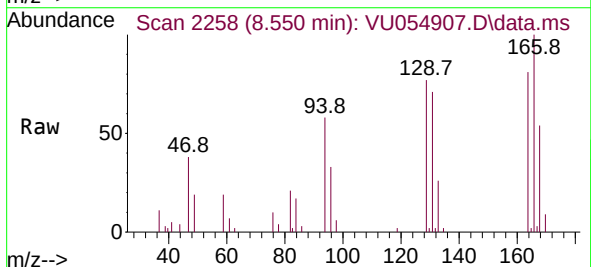
Manual Integrations
APPROVED

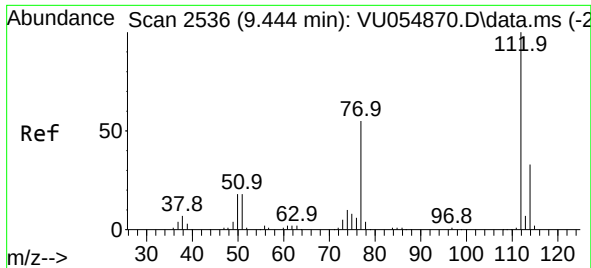
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 2.067 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

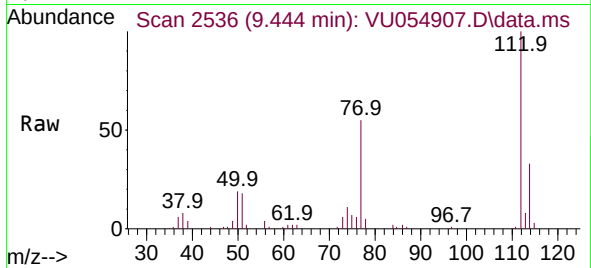
Tgt Ion:164 Resp: 11614
Ion Ratio Lower Upper
164 100
166 123.8 100.4 150.6
129 95.9 71.9 107.9
131 87.3 73.5 110.3





#59
Chlorobenzene
Concen: 1.858 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

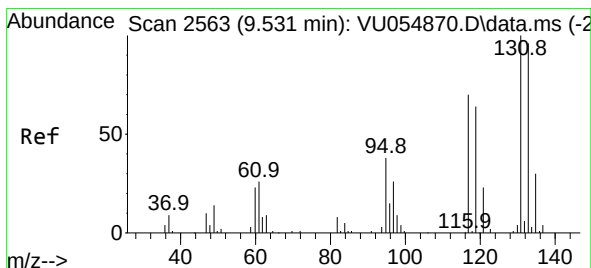
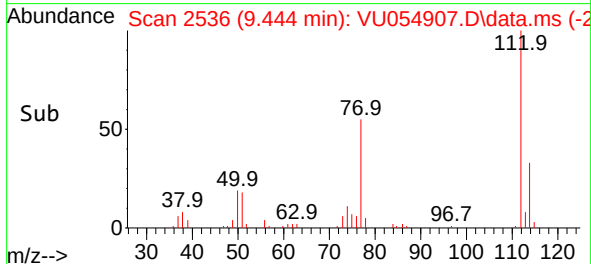
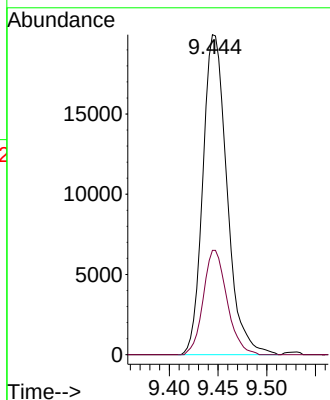
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion:112 Resp: 34384
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6

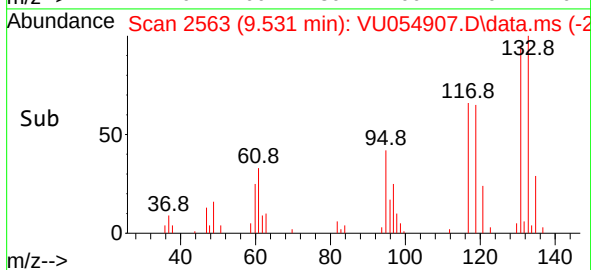
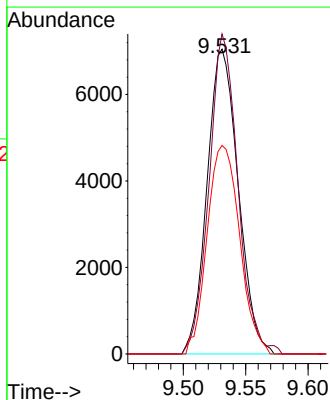
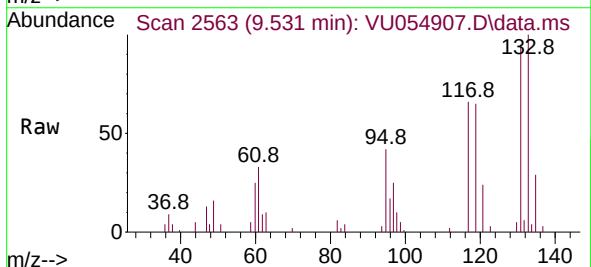
Manual Integrations
APPROVED

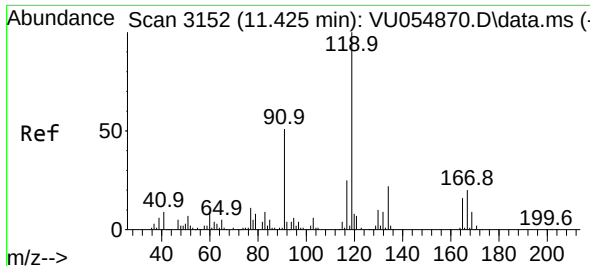
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.879 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

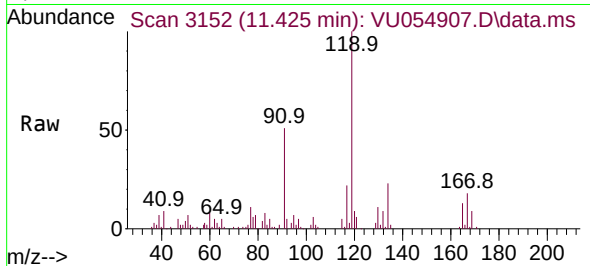
Tgt Ion:131 Resp: 12276
Ion Ratio Lower Upper
131 100
133 97.3 74.2 111.4
119 71.3 51.0 76.4





#61
Pentachloroethane
Concen: 1.792 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

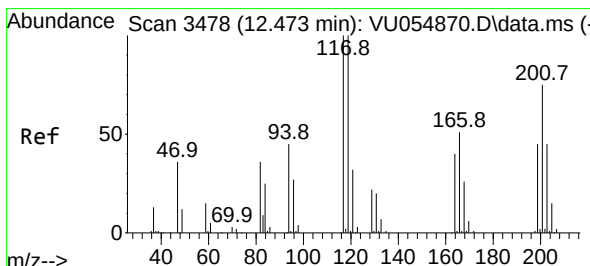
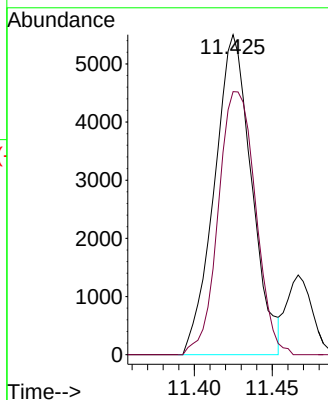
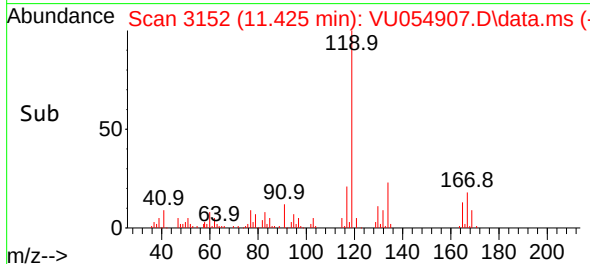
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



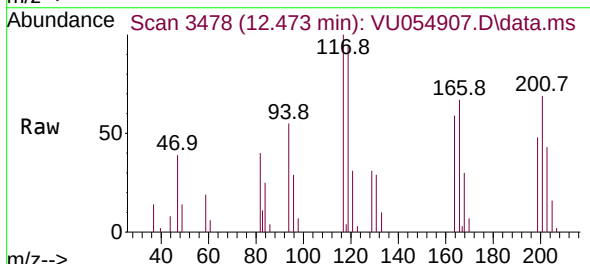
Tgt Ion:117 Resp: 9149
Ion Ratio Lower Upper
117 100
167 82.1 65.3 97.9

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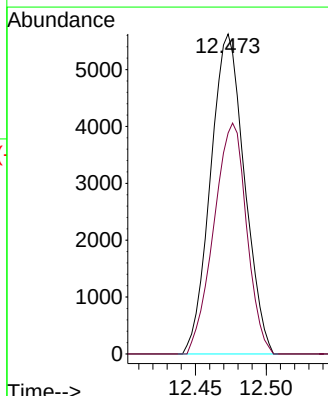
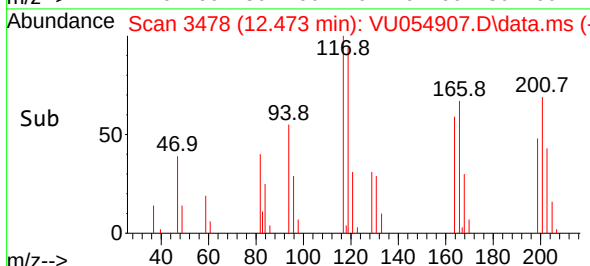
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

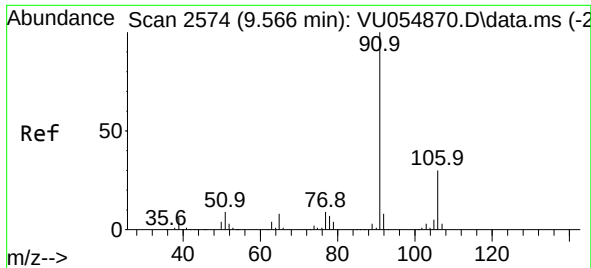


#62
Hexachloroethane
Concen: 1.784 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



Tgt Ion:117 Resp: 9365
Ion Ratio Lower Upper
117 100
201 69.8 56.1 84.1





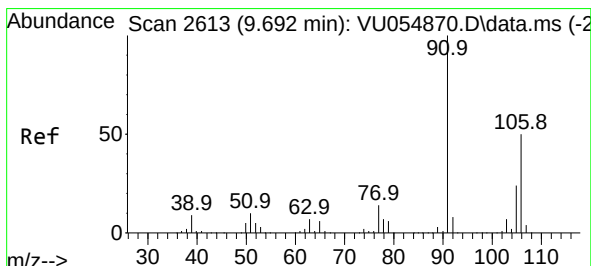
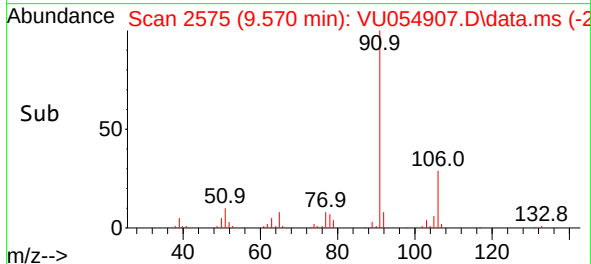
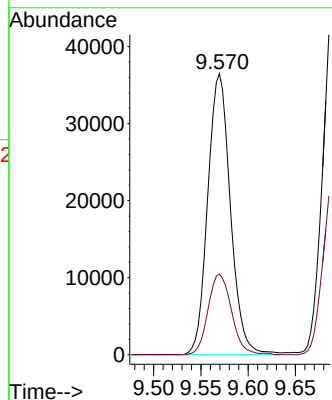
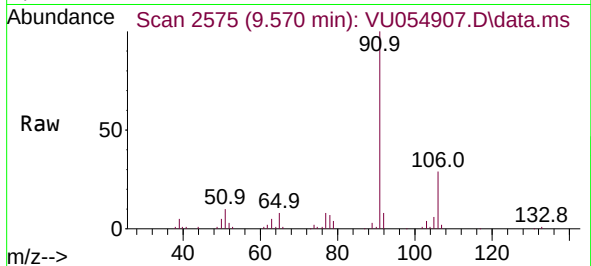
#63
Ethyl Benzene
Concen: 1.960 ug/l
RT: 9.570 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion: 91 Resp: 6086
Ion Ratio Lower Upper
91 100
106 28.7 24.2 36.2

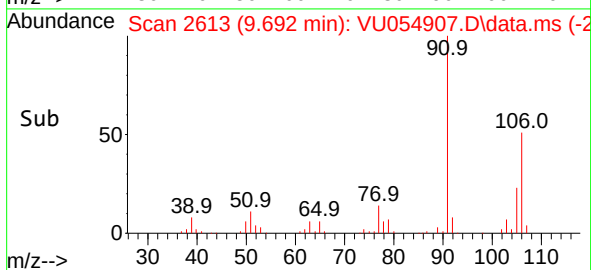
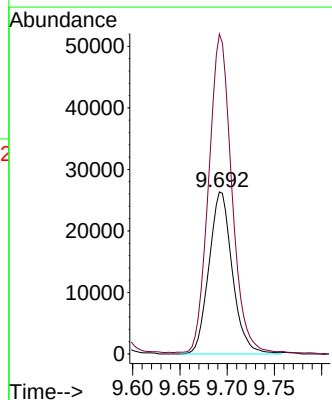
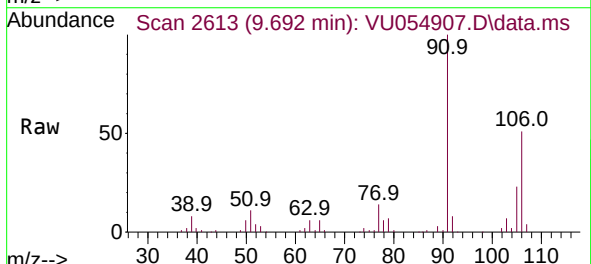
Manual Integrations
APPROVED

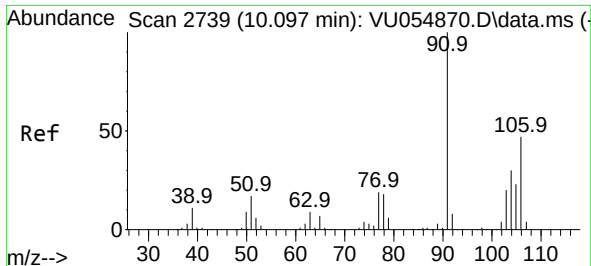
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 3.896 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Tgt Ion:106 Resp: 45260
Ion Ratio Lower Upper
106 100
91 192.5 158.8 238.2





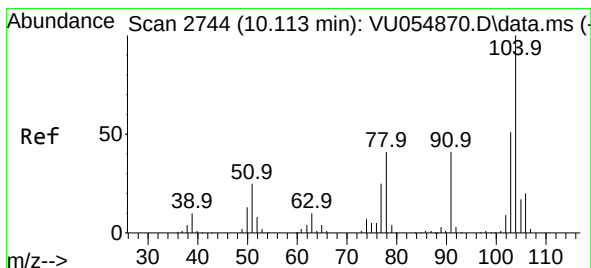
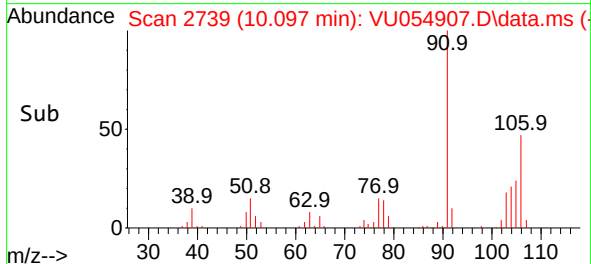
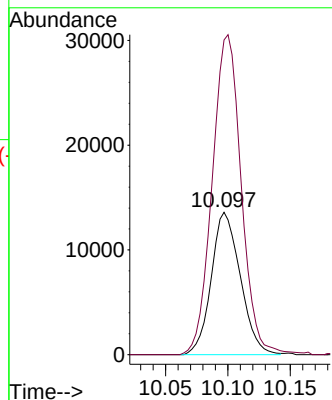
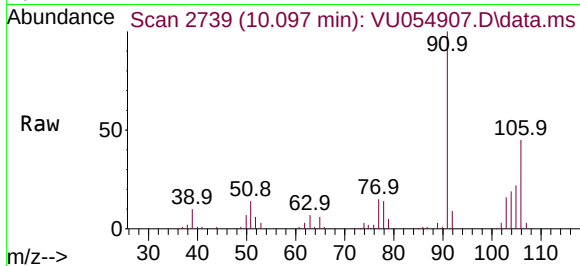
#65
o-Xylene
Concen: 1.849 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion:106 Resp: 22062
Ion Ratio Lower Upper
106 100
91 225.2 108.9 326.8

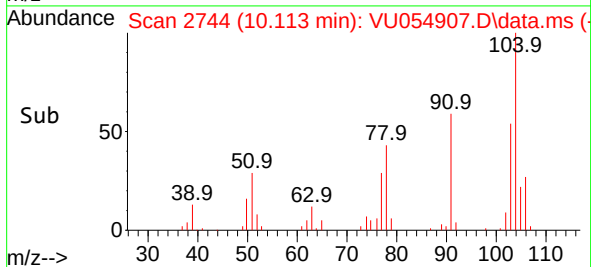
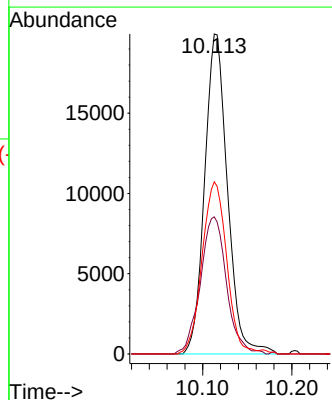
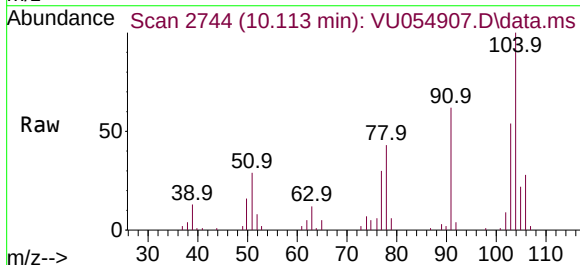
Manual Integrations
APPROVED

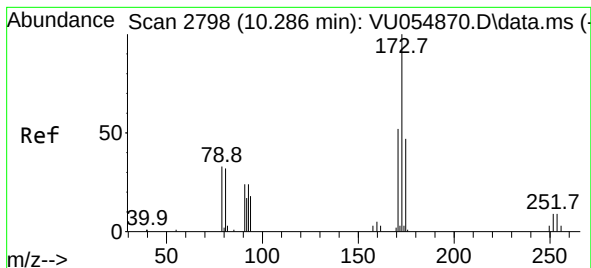
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 1.856 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Tgt Ion:104 Resp: 35415
Ion Ratio Lower Upper
104 100
78 49.1 37.5 56.3
103 57.9 45.2 67.8





#67

Bromoform

Concen: 1.950 ug/l

RT: 10.290 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBS01

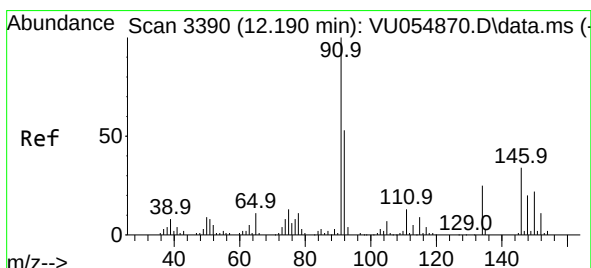
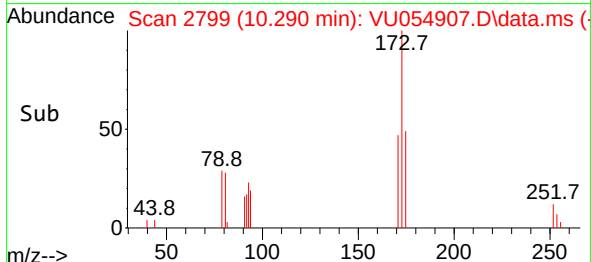
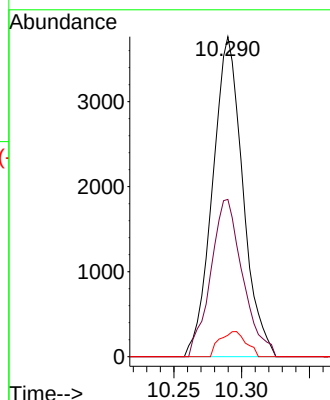
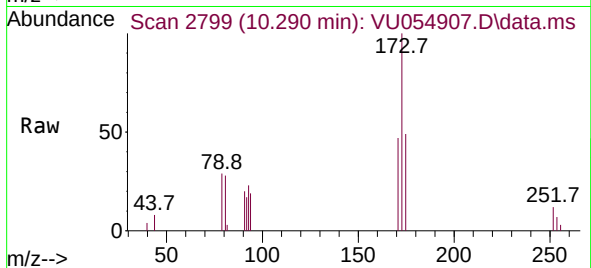
Tgt Ion:	173	Resp:	583
Ion Ratio	Lower	Upper	
173	100		
175	52.0	39.0	58.6
254	6.8	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.060 ug/l

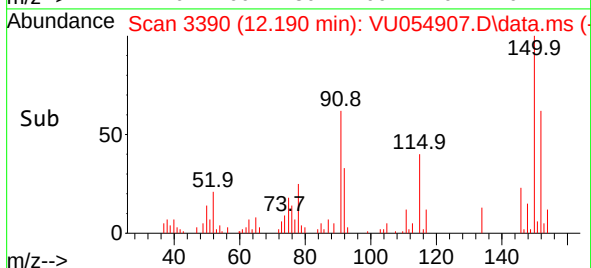
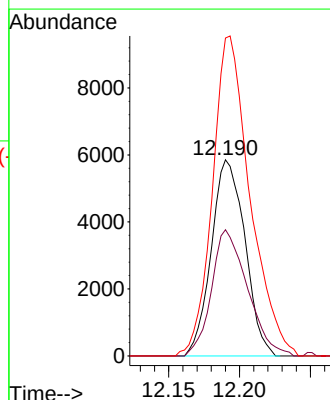
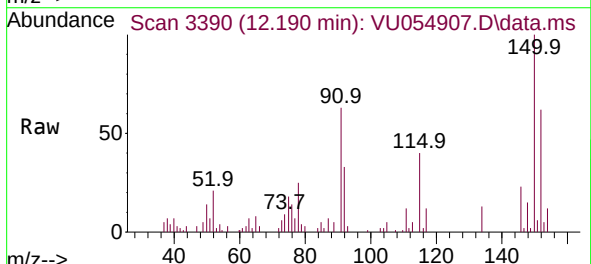
RT: 12.190 min Scan# 3390

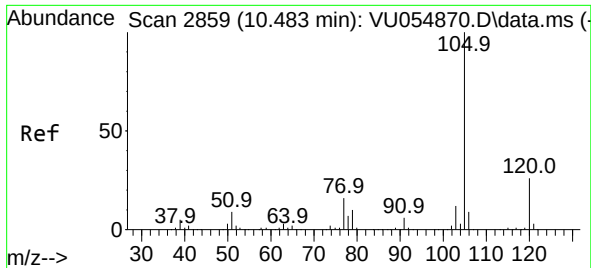
Delta R.T. 0.000 min

Lab File: VU054907.D

Acq: 28 Jul 2023 12:00

Tgt Ion:	152	Resp:	9654
Ion Ratio	Lower	Upper	
152	100		
115	68.9	0.0	234.8
150	182.2	0.0	598.2





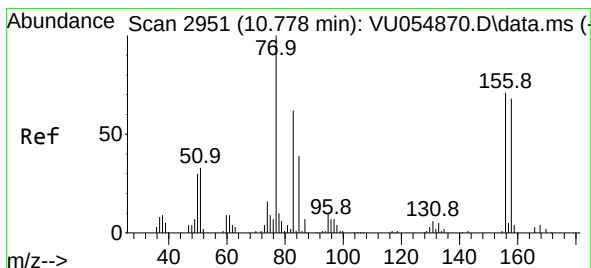
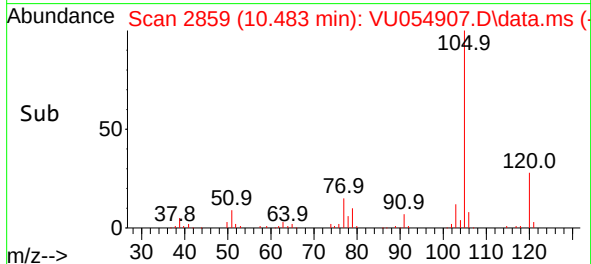
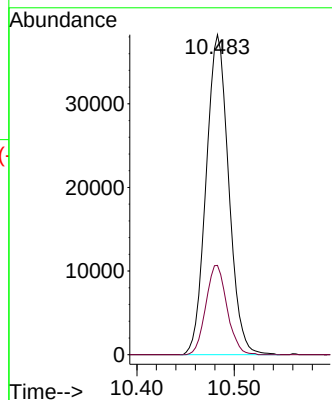
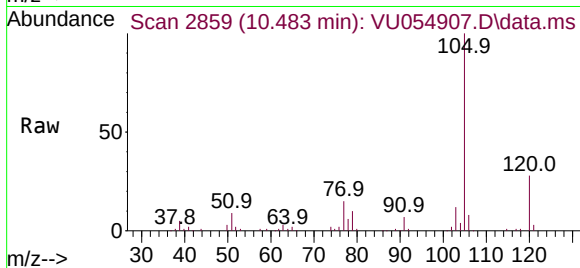
#69
Isopropylbenzene
Concen: 1.923 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion:105 Resp: 6160
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6

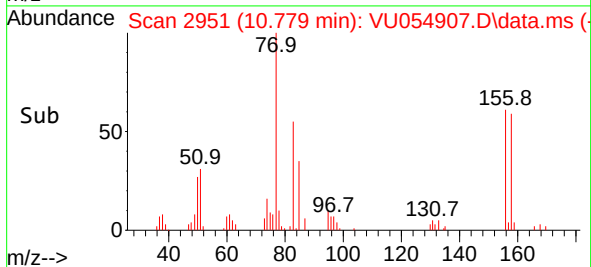
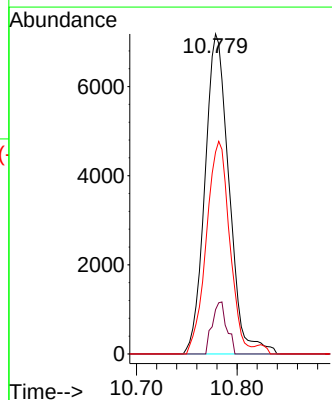
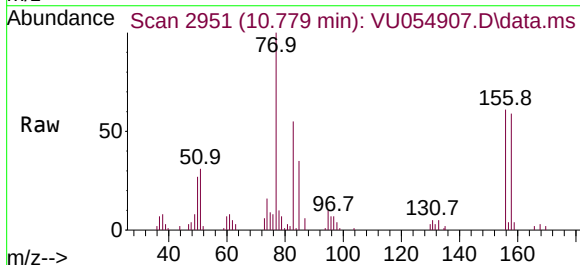
Manual Integrations
APPROVED

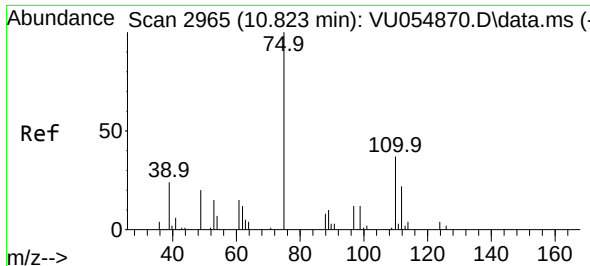
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.919 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

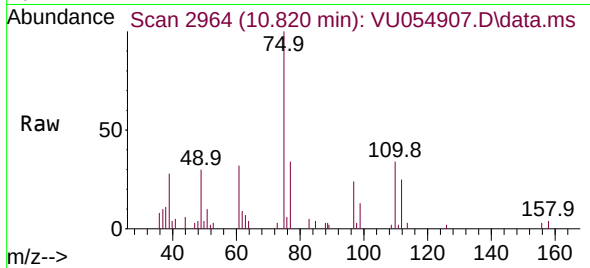
Tgt Ion: 83 Resp: 11966
Ion Ratio Lower Upper
83 100
131 9.7 7.5 11.3
85 64.2 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 2.118 ug/l m
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

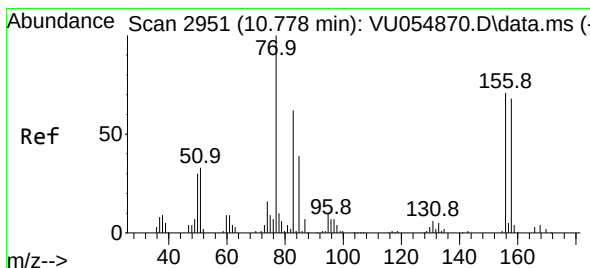
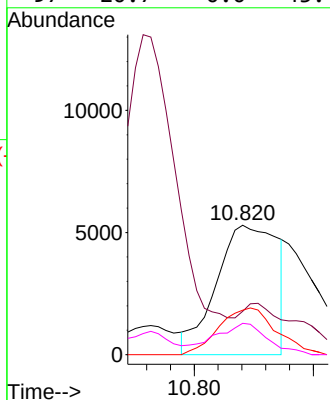
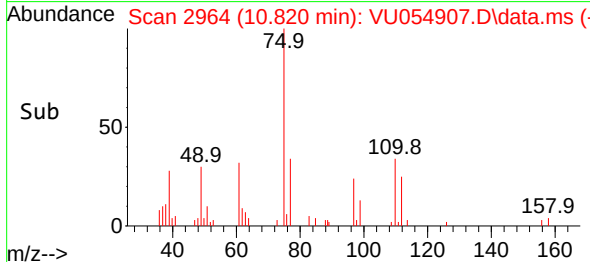
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



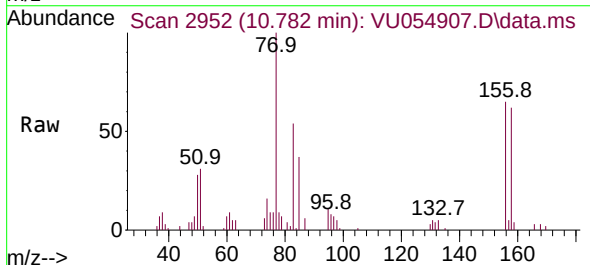
Tgt Ion: 75 Resp: 941
Ion Ratio Lower Upper
75 100
77 38.7 0.0 0.0
110 34.0 0.0 80.8
97 20.7 0.0 43.4

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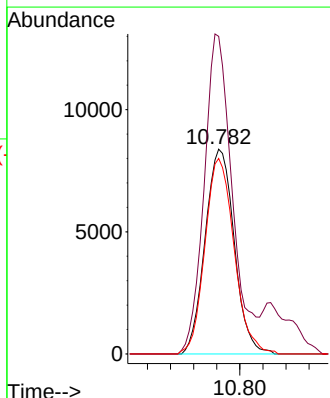
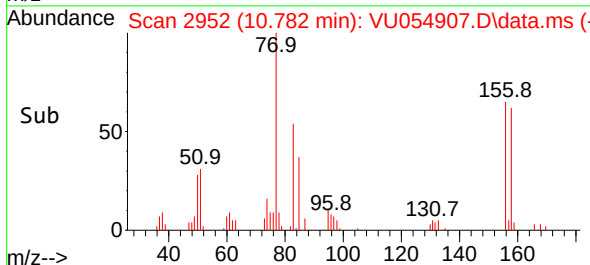
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

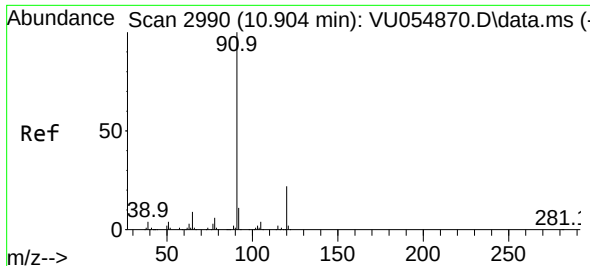


#72
Bromobenzene
Concen: 2.057 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



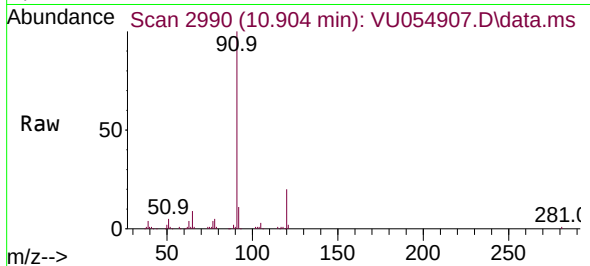
Tgt Ion:156 Resp: 14670
Ion Ratio Lower Upper
156 100
77 151.5 0.0 293.2
158 95.8 0.0 189.8





#73
n-propylbenzene
Concen: 1.904 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

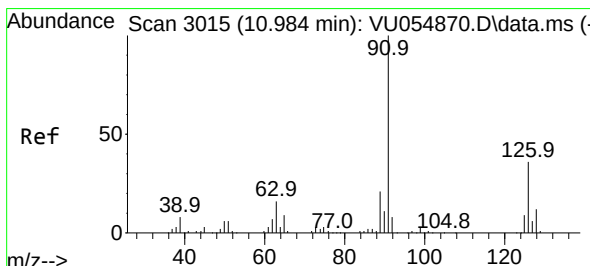
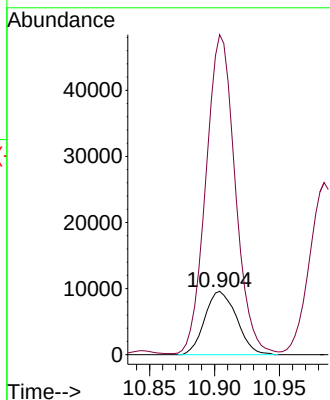
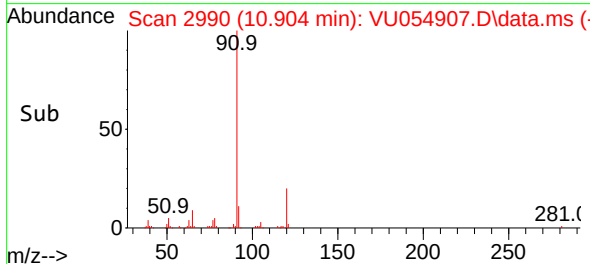
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



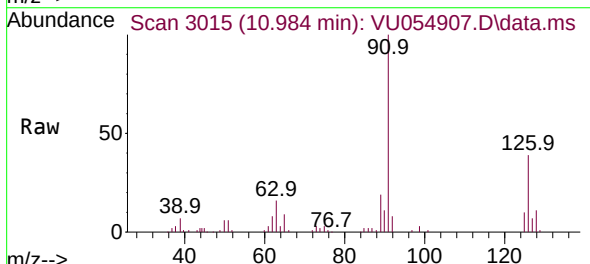
Tgt Ion:120 Resp: 1632
Ion Ratio Lower Upper
120 100
91 462.0 361.8 542.6

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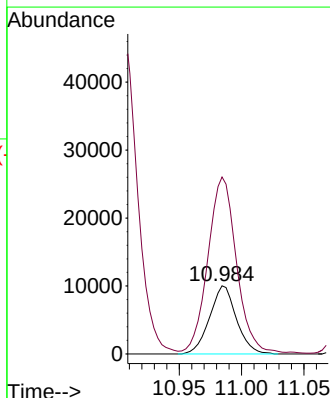
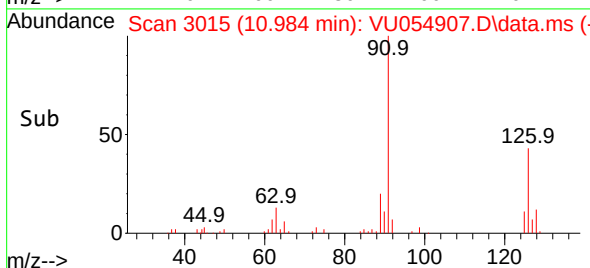
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

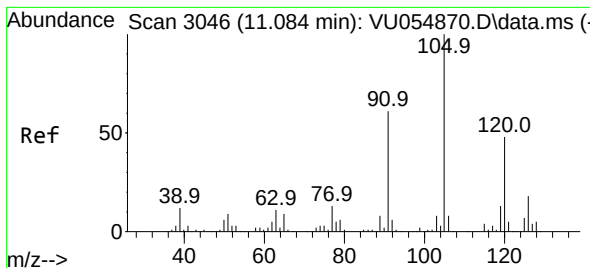


#74
2-Chlorotoluene
Concen: 2.024 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



Tgt Ion:126 Resp: 15024
Ion Ratio Lower Upper
126 100
91 270.9 0.0 561.4





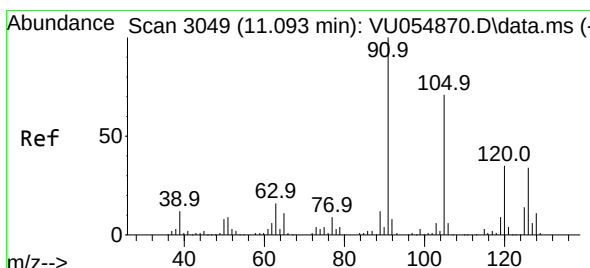
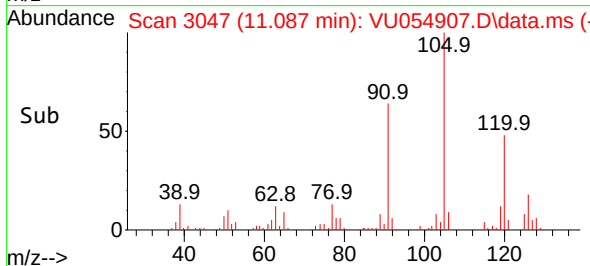
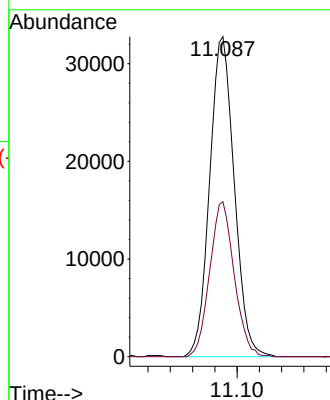
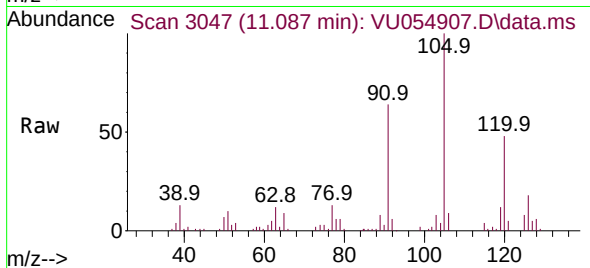
#75
1,3,5-Trimethylbenzene
Concen: 1.936 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion:105 Resp: 5023
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.4

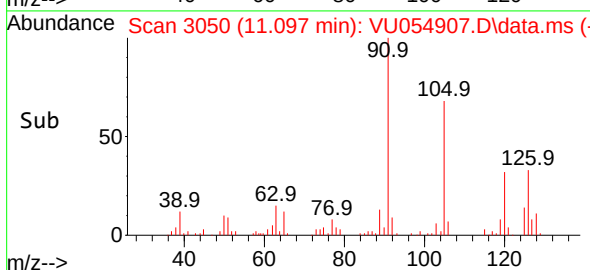
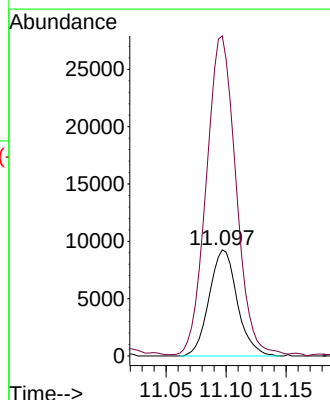
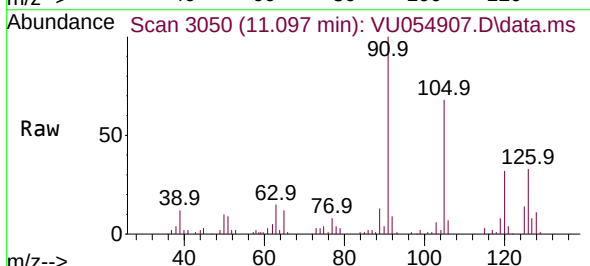
Manual Integrations
APPROVED

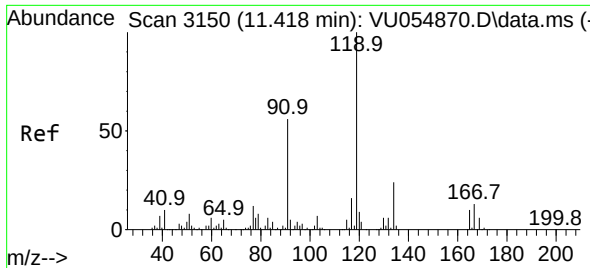
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 1.951 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

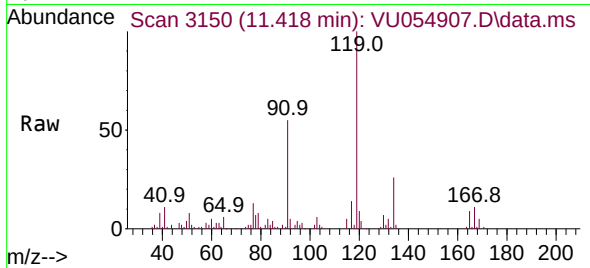
Tgt Ion:126 Resp: 15045
Ion Ratio Lower Upper
126 100
91 316.2 0.0 623.4





#77
tert-Butylbenzene
Concen: 1.850 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

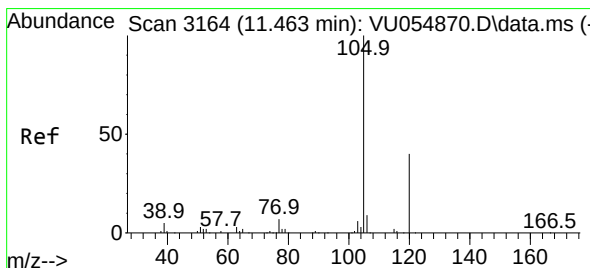
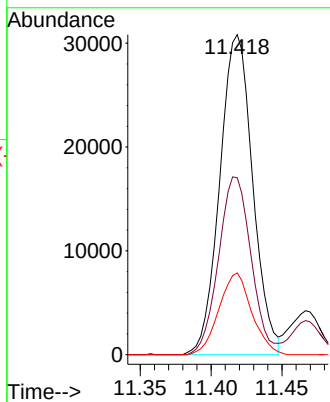
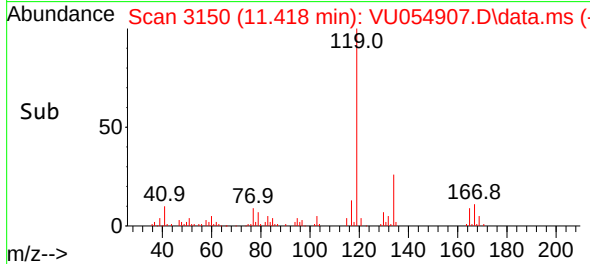
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



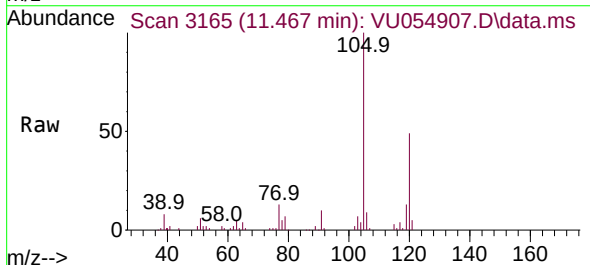
Tgt Ion:119 Resp: 49918
Ion Ratio Lower Upper
119 100
91 55.1 27.7 83.1
134 25.4 18.6 27.8

Manual Integrations
APPROVED

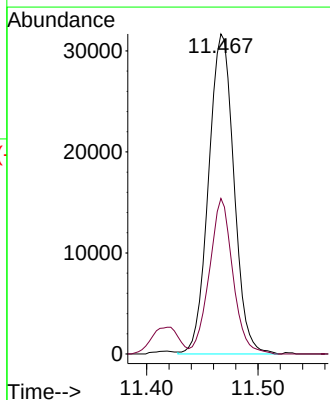
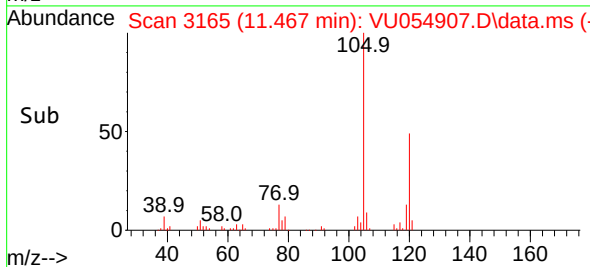
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

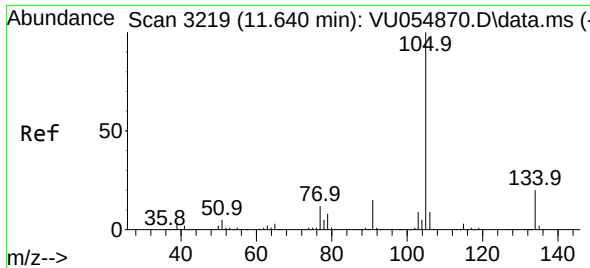


#78
1,2,4-Trimethylbenzene
Concen: 1.888 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



Tgt Ion:105 Resp: 50141
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





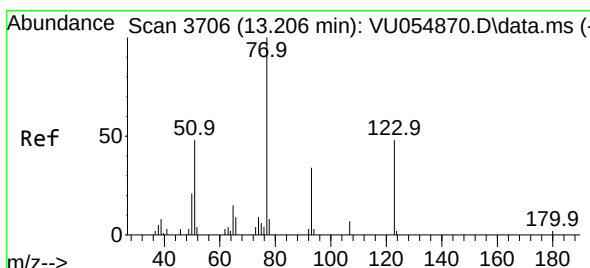
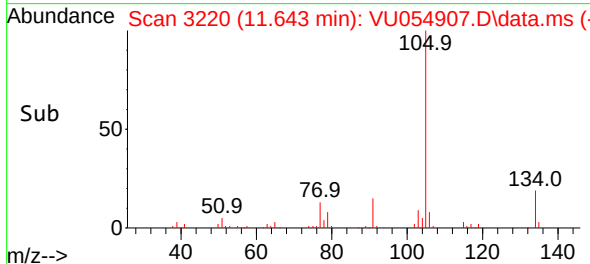
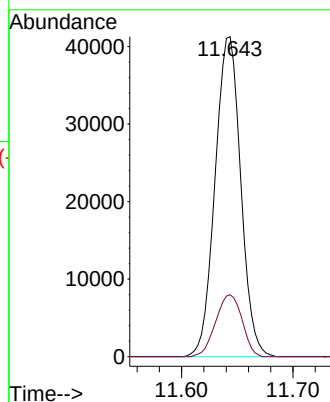
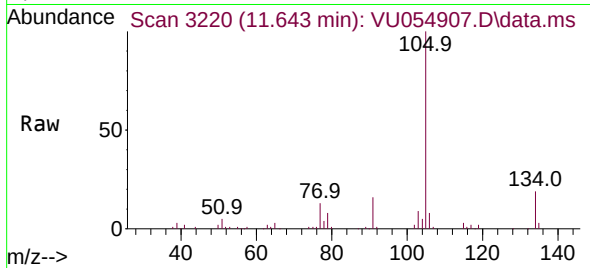
#79
 sec-Butylbenzene
 Concen: 1.884 ug/l
 RT: 11.643 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBS01

Tgt Ion:105 Resp: 6608
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.7 23.5

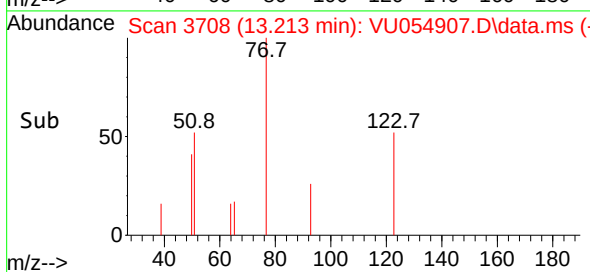
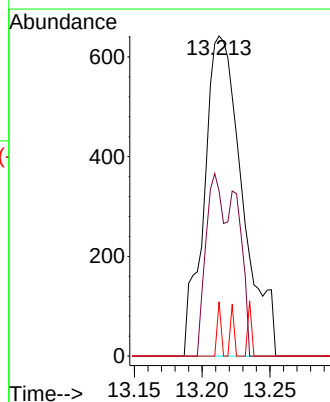
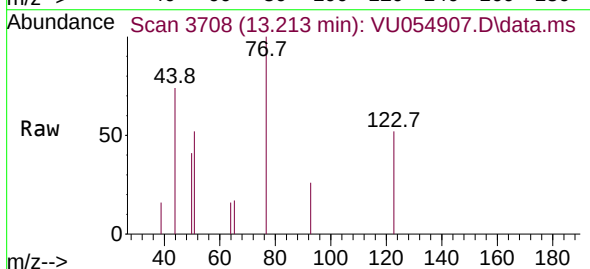
Manual Integrations
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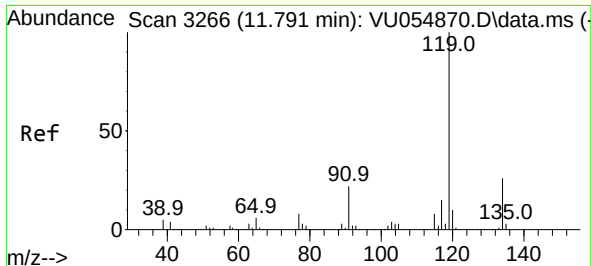
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 7.713 ug/l
 RT: 13.213 min Scan# 3708
 Delta R.T. 0.007 min
 Lab File: VU054907.D
 Acq: 28 Jul 2023 12:00

Tgt Ion: 77 Resp: 1264
 Ion Ratio Lower Upper
 77 100
 123 25.2 20.2 71.8
 65 1.7 11.7 14.9#





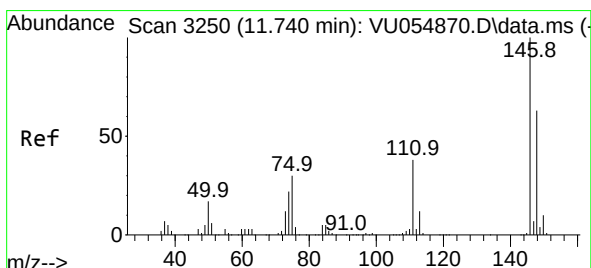
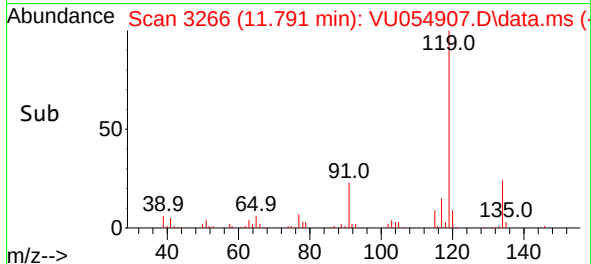
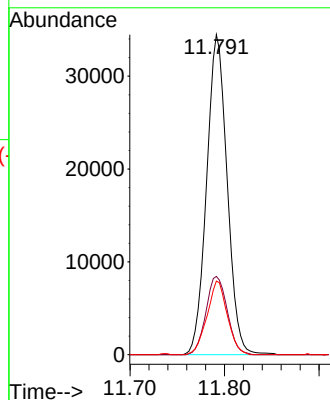
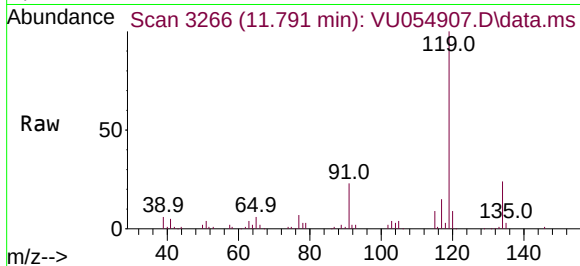
#81
p-Isopropyltoluene
Concen: 1.879 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01

Tgt Ion:119 Resp: 5202
Ion Ratio Lower Upper
119 100
134 25.4 20.6 31.0
91 22.7 18.2 27.4

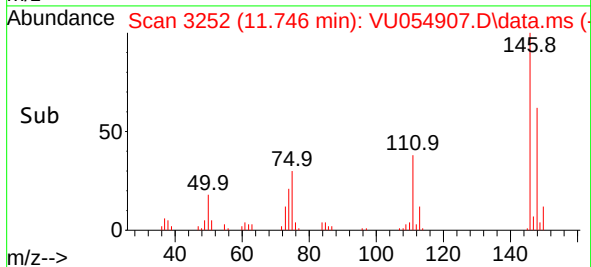
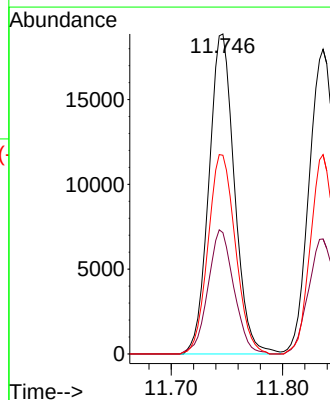
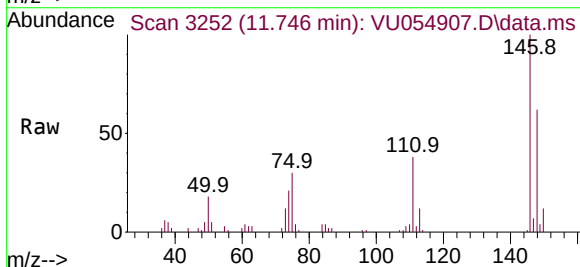
Manual Integrations
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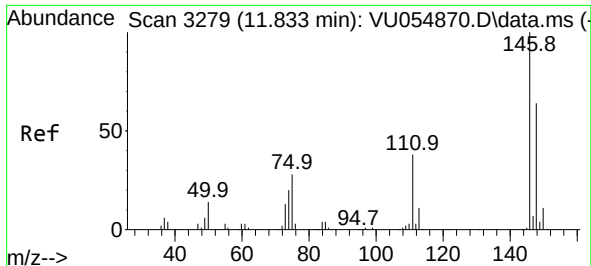
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 1.984 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

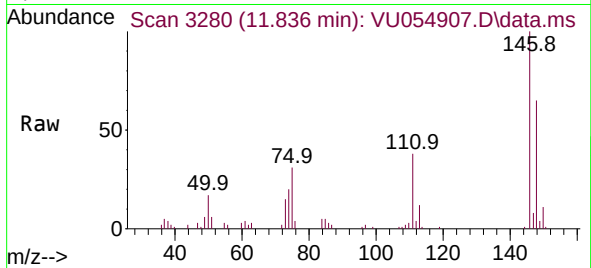
Tgt Ion:146 Resp: 30120
Ion Ratio Lower Upper
146 100
111 39.3 30.5 45.7
148 66.6 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 1.972 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

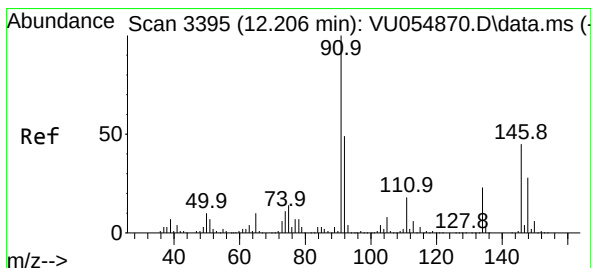
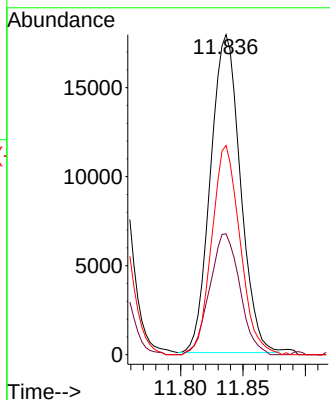
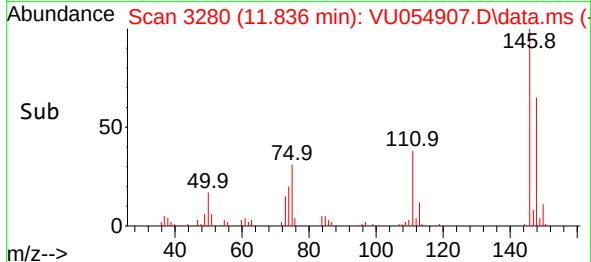
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



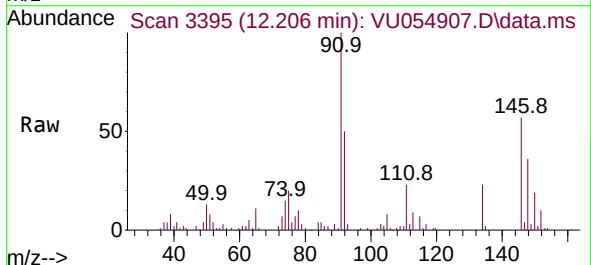
Tgt Ion:146 Resp: 2985
Ion Ratio Lower Upper
146 100
111 38.3 29.5 44.3
148 62.5 51.2 76.8

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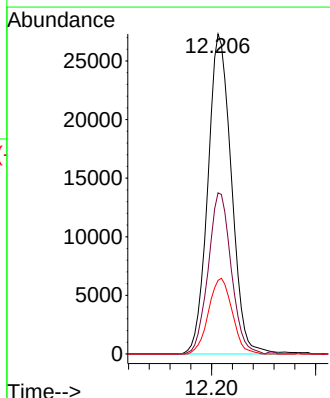
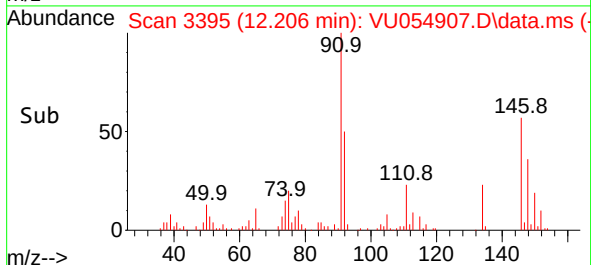
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

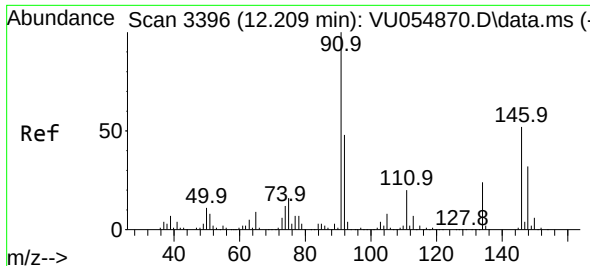


#84
n-Butylbenzene
Concen: 1.724 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



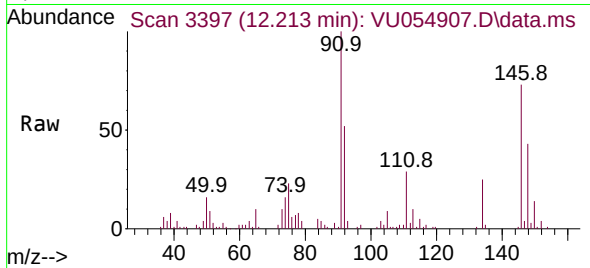
Tgt Ion: 91 Resp: 42864
Ion Ratio Lower Upper
91 100
92 49.3 39.8 59.8
134 23.8 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 1.958 ug/l
RT: 12.213 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

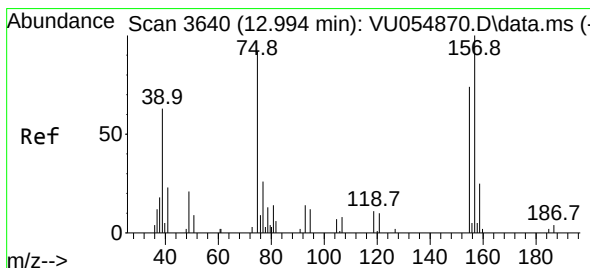
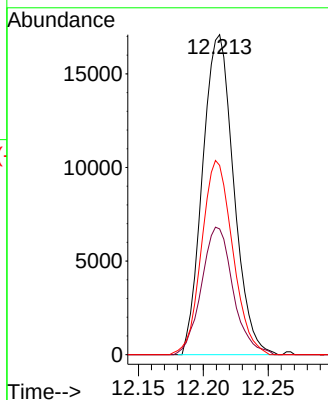
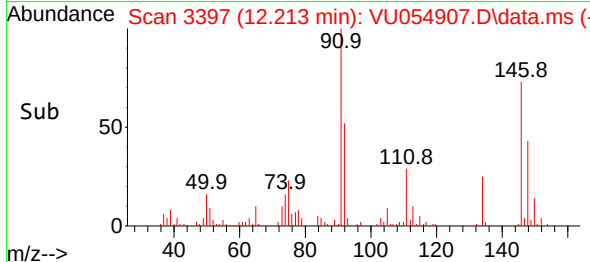
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



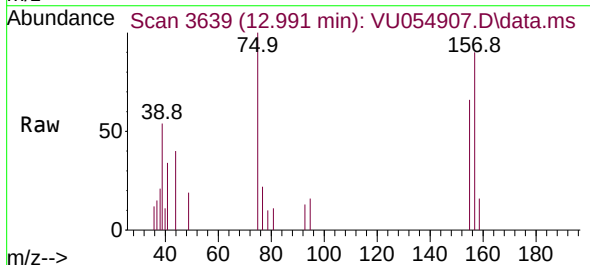
Tgt Ion:146 Resp: 28500
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 60.7 31.8 95.3

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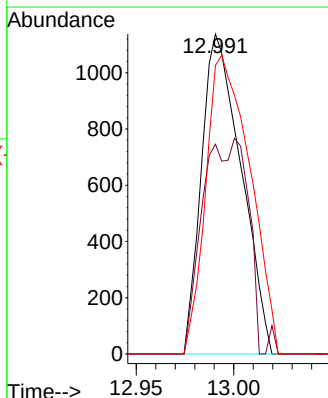
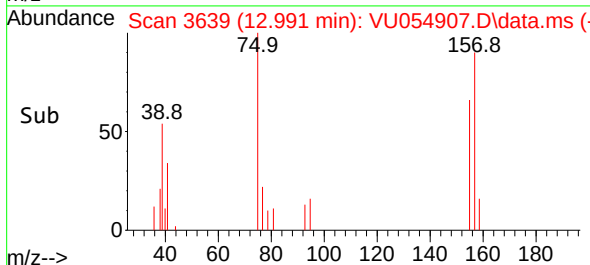
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

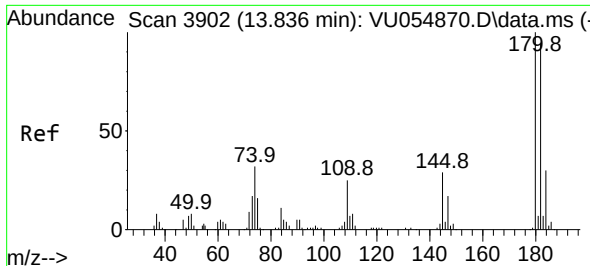


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.939 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



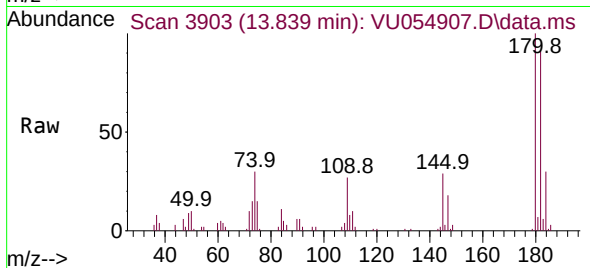
Tgt Ion: 75 Resp: 1608
Ion Ratio Lower Upper
75 100
155 38.7 74.8 112.2#
157 104.0 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 1.803 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

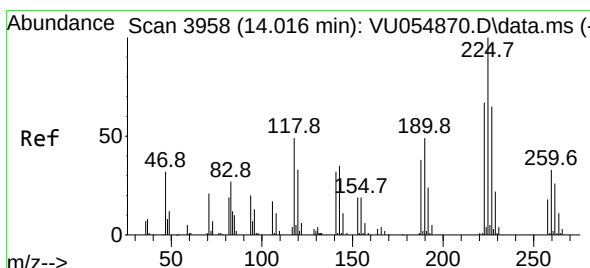
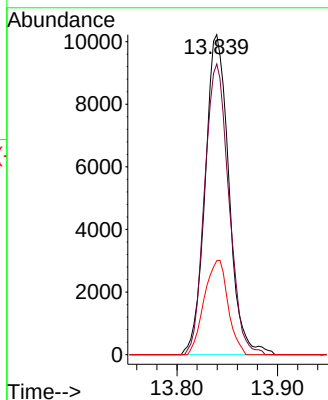
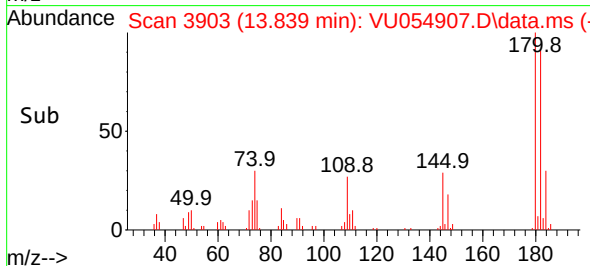
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



Tgt Ion:180 Resp: 1674
Ion Ratio Lower Upper
180 100
182 92.6 77.0 115.6
145 29.5 23.4 35.0

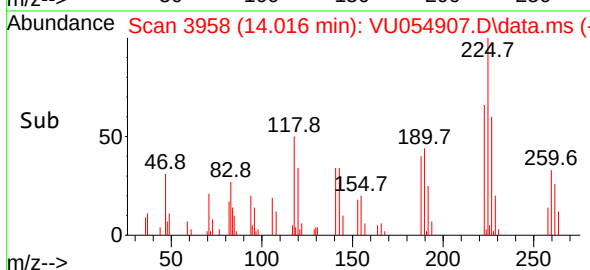
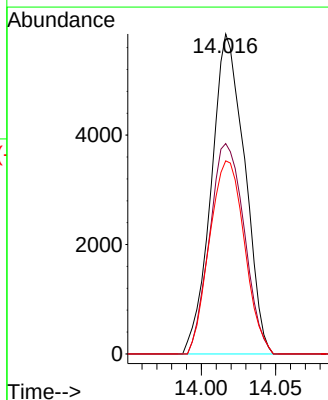
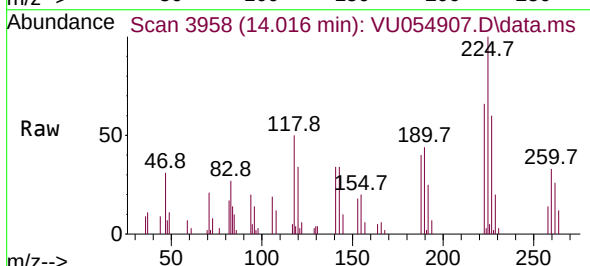
Manual Integrations
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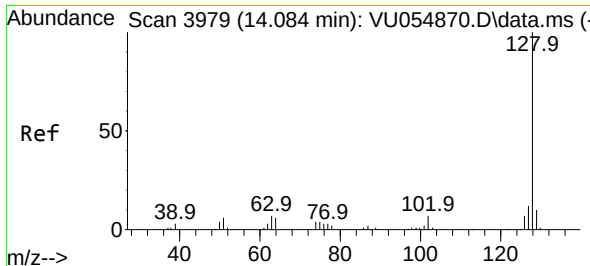
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
Hexachlorobutadiene
Concen: 1.846 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

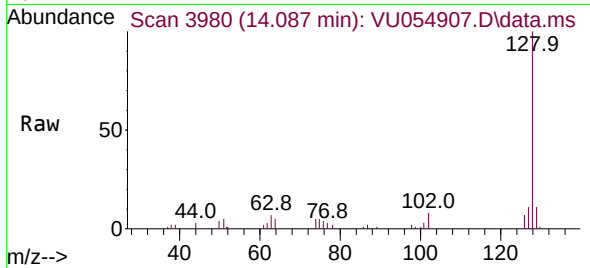
Tgt Ion:225 Resp: 9138
Ion Ratio Lower Upper
225 100
223 68.4 50.6 76.0
227 63.4 50.7 76.1





#89
Naphthalene
Concen: 1.725 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00

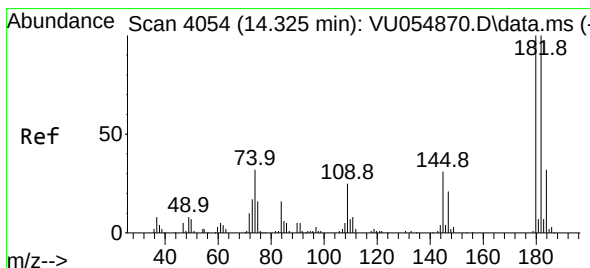
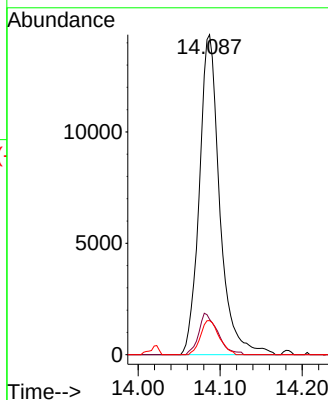
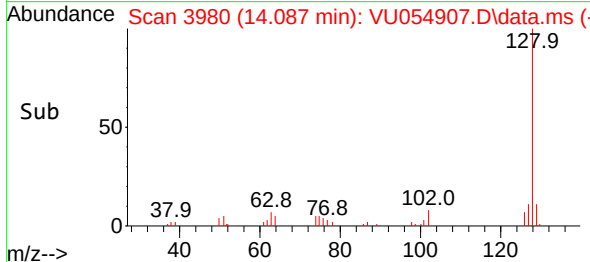
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBS01



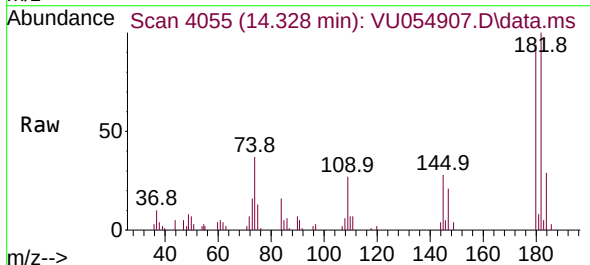
Tgt Ion:128 Resp: 24799
Ion Ratio Lower Upper
128 100
127 12.0 10.6 15.8
129 9.7 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 1.700 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054907.D
Acq: 28 Jul 2023 12:00



Tgt Ion:180 Resp: 14003
Ion Ratio Lower Upper
180 100
182 99.6 76.0 114.0
145 28.3 24.3 36.5

