

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054851.D
 Acq On : 24 Jul 2023 11:23
 Operator : MD/SY
 Sample : VU0724WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 02:12:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	27819	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8322	0.991	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9433	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11192	2.022	ug/l	95
3) Chloromethane	1.518	50	11795	1.835	ug/l	97
4) Vinyl Chloride	1.602	62	14889	1.804	ug/l	99
5) Bromomethane	1.856	94	11708	1.999	ug/l	83
6) Chloroethane	1.933	64	14057	1.803	ug/l	96
7) Trichlorofluoromethane	2.136	101	38370	1.919	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	11002	1.920	ug/l	97
9) 1,1-Dichloroethene	2.576	96	9079	1.897	ug/l	91
10) Iodomethane	2.718	142	14919	1.935	ug/l	98
11) Allyl Chloride	2.920	41	11881	2.116	ug/l	87
12) Acrylonitrile	3.335	53	4518	3.880	ug/l	# 84
13) Acetone	2.650	43	17060	17.091	ug/l	88
14) Carbon Disulfide	2.788	76	17516	2.171	ug/l	99
15) Methylene Chloride	3.042	84	15485	1.725	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	10064	1.892	ug/l	90
17) 1,1-Dichloroethane	3.869	63	22988	2.043	ug/l	96
18) 2-Butanone	4.724	43	18187m	12.455	ug/l	
19) Cyclohexane	5.386	56	13256	2.035	ug/l	94
20) Methylcyclohexane	6.756	83	17213	1.989	ug/l	98
21) 2,2-Dichloropropane	4.660	77	21048	2.144	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	12834	1.906	ug/l	90
23) Diethyl Ether	2.374	59	15186	2.065	ug/l	97
24) tert-Butyl Alcohol	3.258	59	11660m	18.409	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	30454	2.086	ug/l	98
26) Bromochloromethane	4.968	128	5047	1.966	ug/l	92
27) Chloroform	5.081	83	25302	2.046	ug/l	95
28) 1,1,1-Trichloroethane	5.312	97	21767	2.094	ug/l	99
29) 1,1-Dichloropropene	5.525	75	15292	2.069	ug/l	98
30) Carbon Tetrachloride	5.521	117	17483	2.024	ug/l	98
31) Isopropyl Ether	3.984	45	34525	2.073	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	34566	2.020	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	31977	1.985	ug/l	97
34) Propionitrile	4.798	54	4191m	9.594	ug/l	
35) Benzene	5.769	78	49332	2.054	ug/l	99
36) 1,2-Dichloroethane	5.795	62	14081	2.041	ug/l	98
37) Trichloroethene	6.541	130	13789	2.124	ug/l	96
38) 1,2-Dichloropropane	6.788	63	13763	1.985	ug/l	97
39) Methacrylonitrile	4.988	41	3393	2.182	ug/l	# 73
40) Methyl acrylate	4.865	55	4546	1.713	ug/l	# 92
41) Tetrahydrofuran	5.071	42	3816	4.152	ug/l	# 62
42) 1-Chlorobutane	5.457	56	20159	2.016	ug/l	96
43) Dibromomethane	6.917	93	6205	1.924	ug/l	94
44) Bromodichloromethane	7.103	83	18536	2.097	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	38286	10.029	ug/l	96
46) t-1,4-Dichloro-2-butene	10.833	75	7774m	4.864	ug/l	
47) Methyl methacrylate	6.959	69	12007	3.962	ug/l	95
48) Ethyl methacrylate	8.332	69	12616	2.049	ug/l	99
49) Toluene	7.965	92	30906	2.016	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	15721	2.007	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	19329	2.029	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	9771	2.008	ug/l	93
53) 1,3-Dichloropropane	8.573	76	17478	2.131	ug/l	98
54) 2-Hexanone	8.685	43	30062	11.295	ug/l	99
55) Dibromochloromethane	8.804	129	12036	2.070	ug/l	99
56) 1,2-Dibromoethane	8.923	107	9201	2.161	ug/l	98
58) Tetrachloroethene	8.550	164	11867	2.098	ug/l	97
59) Chlorobenzene	9.444	112	36830	2.016	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.531	131	12940	2.006	ug/l	95
61) Pentachloroethane	11.421	117	10183	2.005	ug/l	98
62) Hexachloroethane	12.470	117	10349	1.984	ug/l	94
63) Ethyl Benzene	9.566	91	62365	2.002	ug/l	98
64) m/p-Xylenes	9.688	106	47184	4.007	ug/l	99
65) o-Xylene	10.097	106	23689	1.997	ug/l	100
66) Styrene	10.113	104	37254	1.955	ug/l	98
67) Bromoform	10.286	173	6303	2.012	ug/l	98
69) Isopropylbenzene	10.479	105	64867	2.016	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	12722	2.096	ug/l	92
71) 1,2,3-Trichloropropane	10.820	75	6935m	1.621	ug/l	
72) Bromobenzene	10.778	156	14402	1.940	ug/l	98
73) n-propylbenzene	10.904	120	16787	1.942	ug/l	99
74) 2-Chlorotoluene	10.981	126	15413	2.047	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	51551	1.966	ug/l	100
76) 4-Chlorotoluene	11.093	126	15214	1.966	ug/l	96
77) tert-Butylbenzene	11.415	119	53740	1.990	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	52364	1.986	ug/l	98
79) sec-Butylbenzene	11.640	105	69575	1.986	ug/l	100
80) Nitrobenzene	13.212	77	1933	11.277	ug/l #	60
81) p-Isopropyltoluene	11.788	119	54011	1.893	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	29969	2.016	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	28675	1.924	ug/l	98
84) n-Butylbenzene	12.206	91	46216	1.760	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	28422	2.008	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1779	2.330	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	16739	1.844	ug/l	99
88) Hexachlorobutadiene	14.016	225	9750	2.011	ug/l	96
89) Naphthalene	14.084	128	27063	1.844	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	14437	1.841	ug/l	94

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

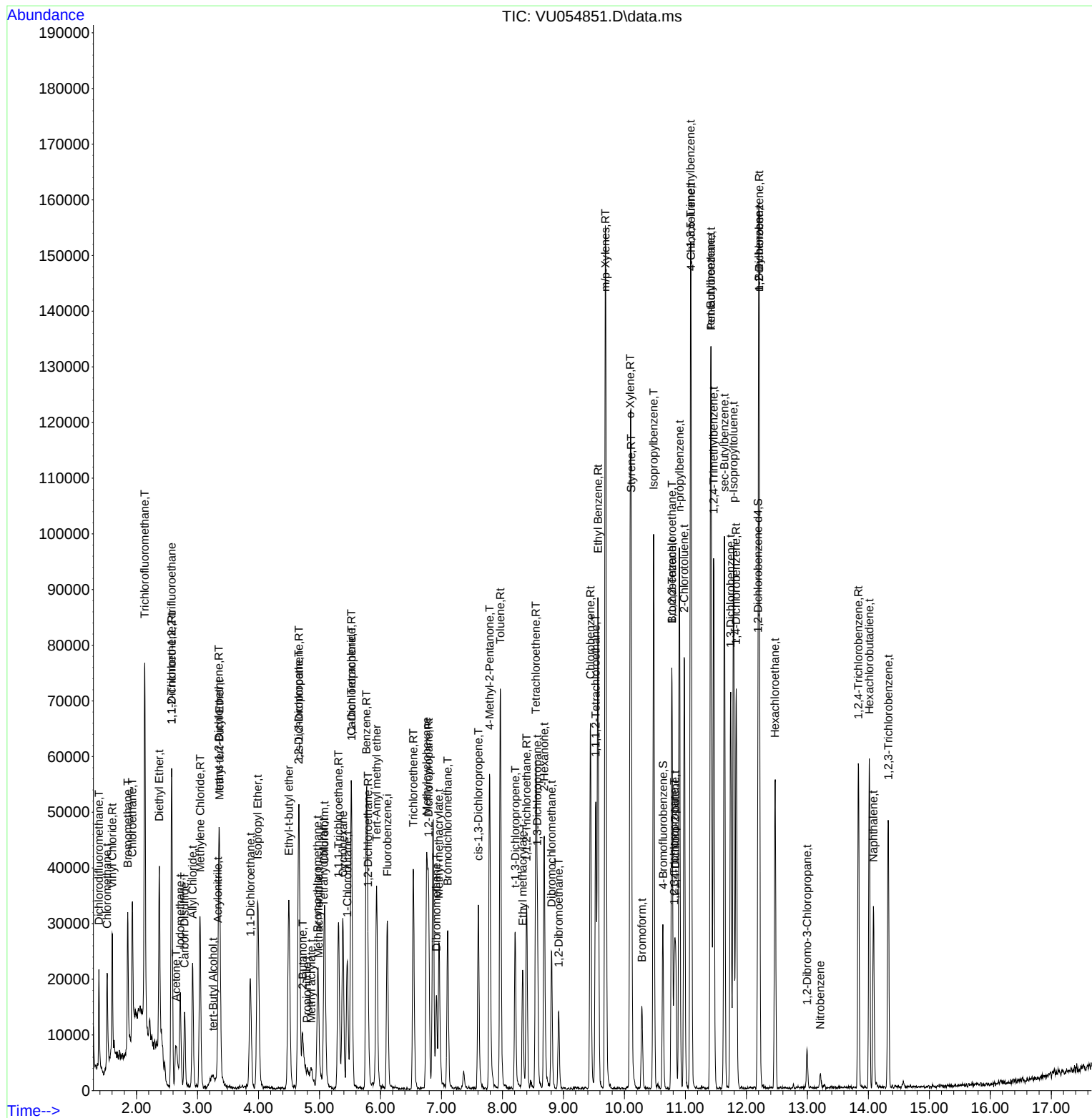
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054851.D
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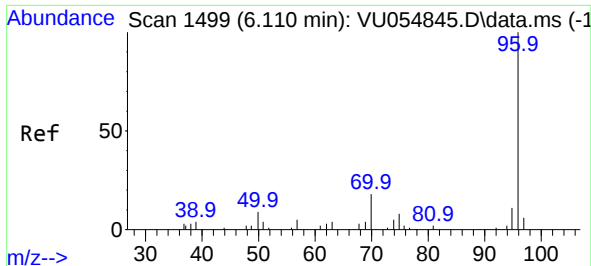
Instrument :
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

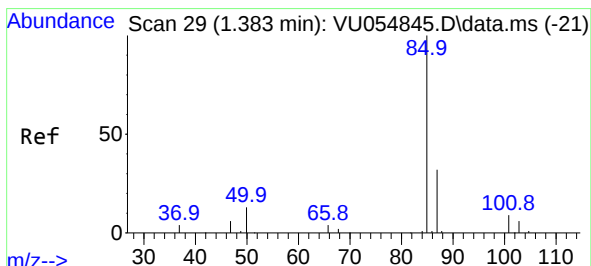
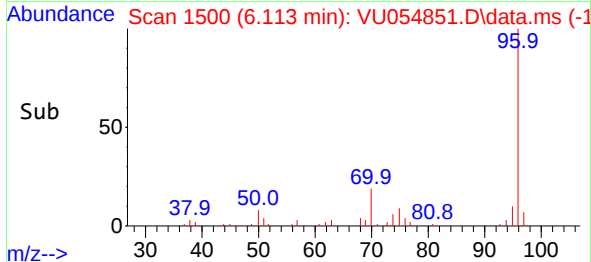
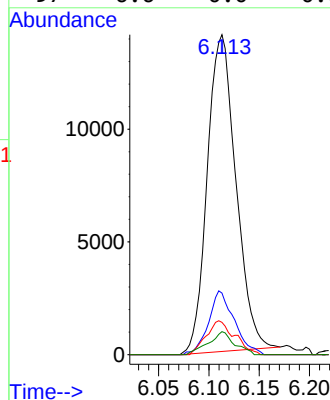
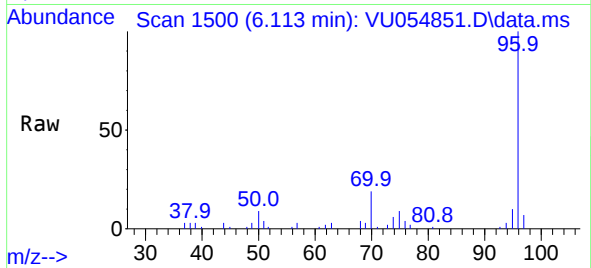
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 96 Resp: 27819

Ion	Ratio	Lower	Upper
96	100		
70	18.2	14.0	21.0
95	10.7	8.7	13.1
97	6.6	0.0	0.0

Manual Integrations
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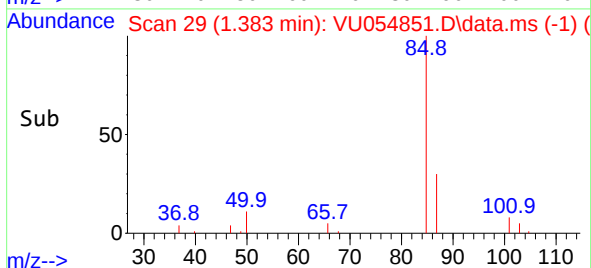
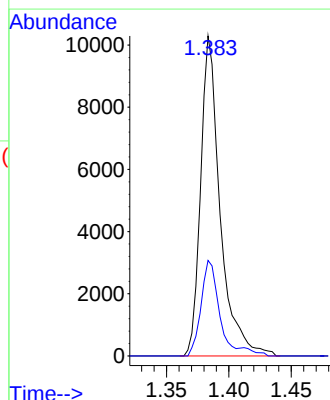
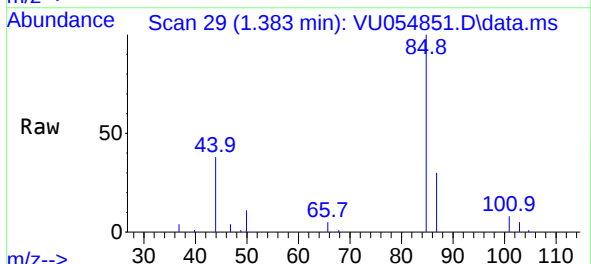
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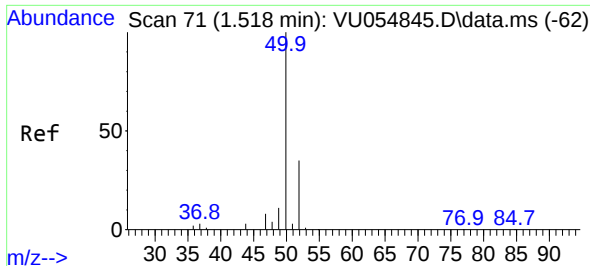


#2
Dichlorodifluoromethane
Concen: 2.022 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion: 85 Resp: 11192

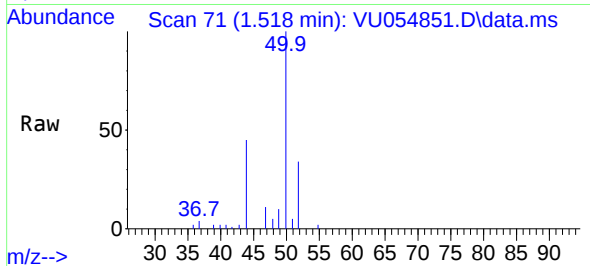
Ion	Ratio	Lower	Upper
85	100		
87	29.8	16.2	48.6





#3
Chloromethane
Concen: 1.835 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

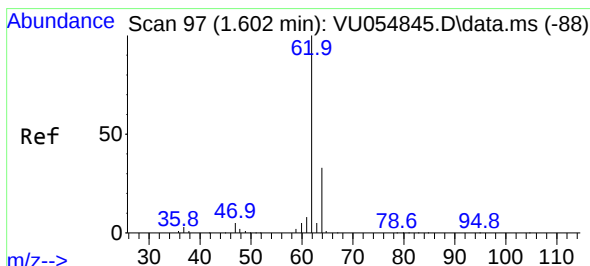
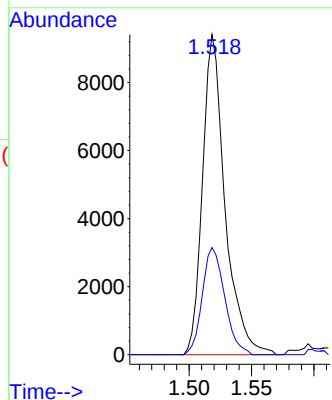
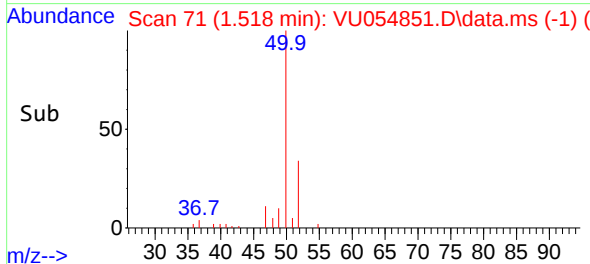
Instrument :
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Tgt Ion: 50 Resp: 1179
Ion Ratio Lower Upper
50 100
52 33.5 28.2 42.2

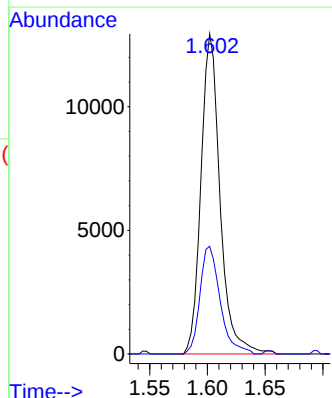
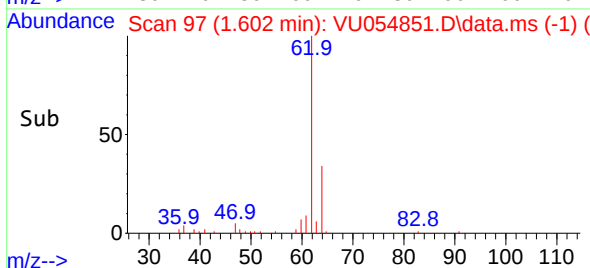
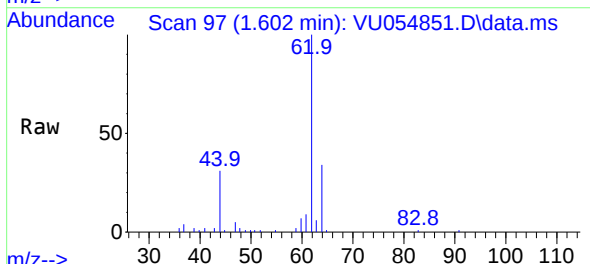
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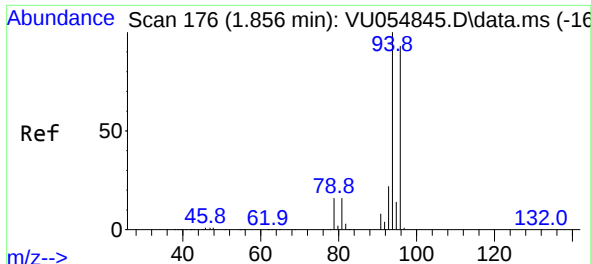
Reviewed By :John Carlone 07/25/2023
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#4
Vinyl Chloride
Concen: 1.804 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

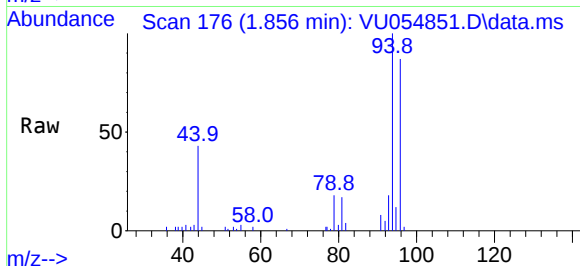
Tgt Ion: 62 Resp: 14889
Ion Ratio Lower Upper
62 100
64 33.7 26.4 39.6





#5
Bromomethane
Concen: 1.999 ug/l
RT: 1.856 min Scan# 11708
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

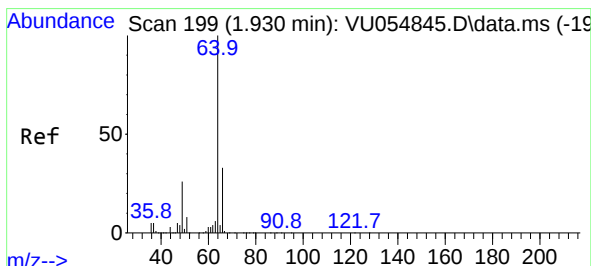
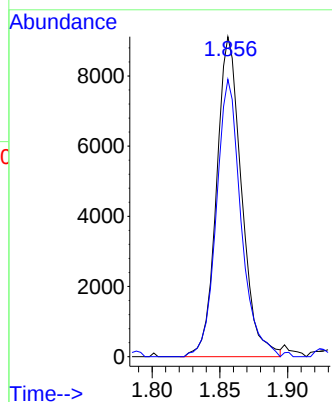
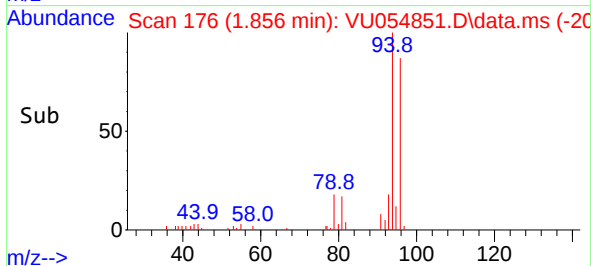
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



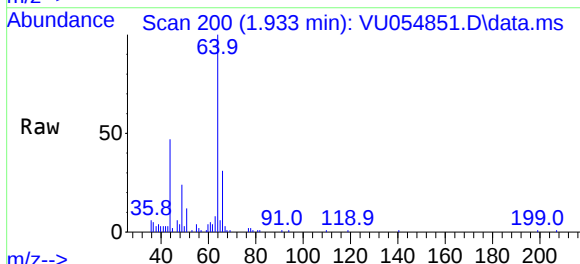
Tgt Ion: 94 Resp: 11708
Ion Ratio Lower Upper
94 100
96 77.3 74.6 111.8

Manual Integrations
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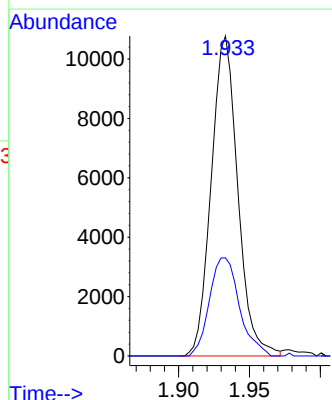
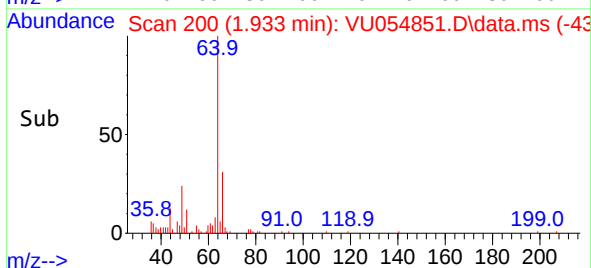
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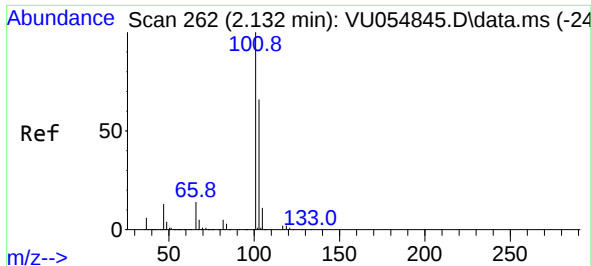


#6
Chloroethane
Concen: 1.803 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion: 64 Resp: 14057
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





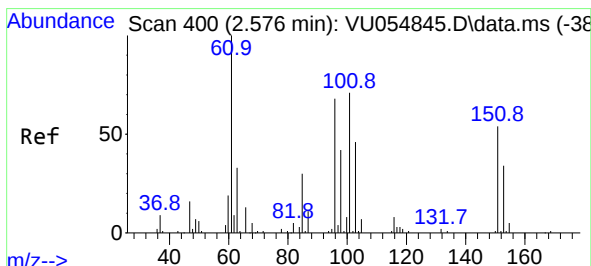
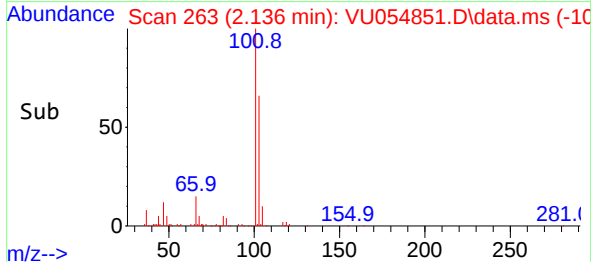
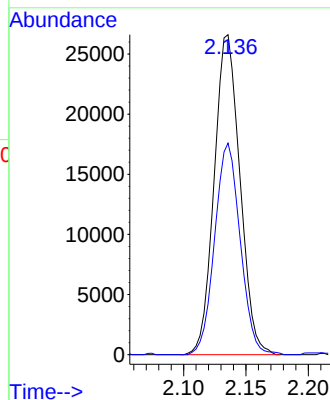
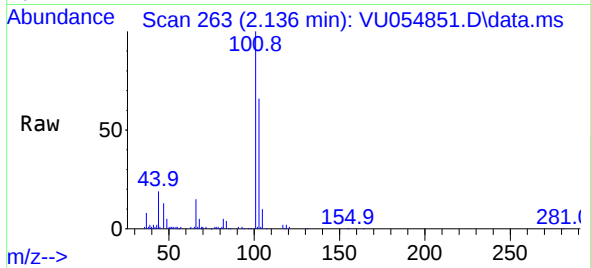
#7
Trichlorofluoromethane
Concen: 1.919 ug/l
RT: 2.136 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:101 Resp: 38370
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3

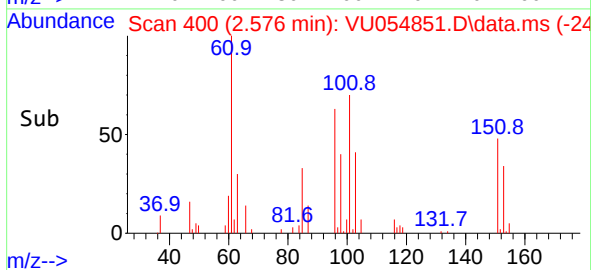
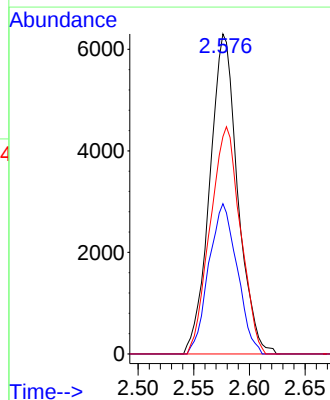
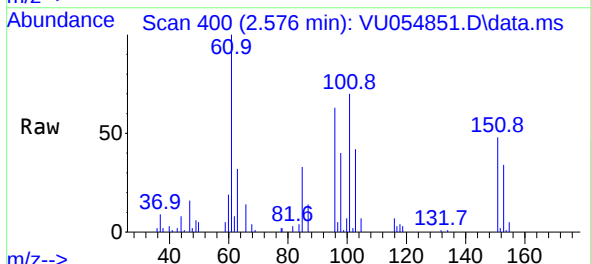
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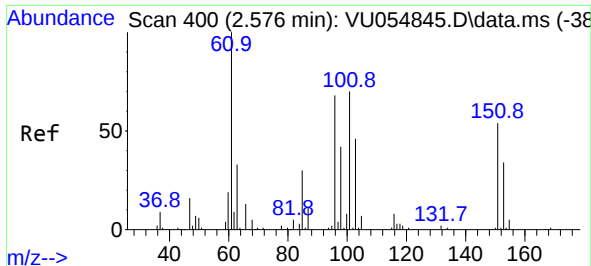
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.920 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:101 Resp: 11002
Ion Ratio Lower Upper
101 100
85 47.7 34.8 52.2
151 76.7 60.5 90.7





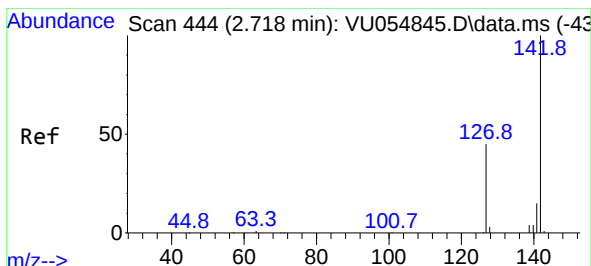
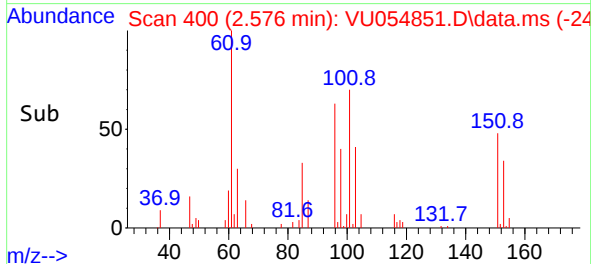
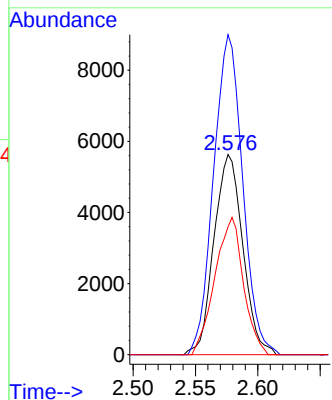
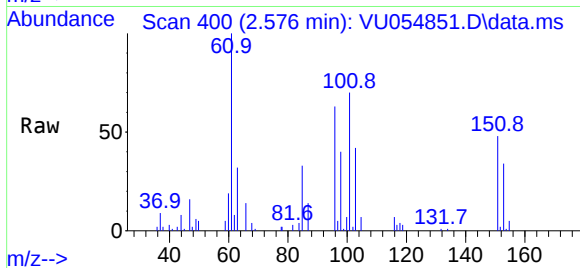
#9
1,1-Dichloroethene
Concen: 1.897 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 9079
Ion Ratio Lower Upper
96 100
61 159.8 0.0 440.1
98 63.8 0.0 121.8

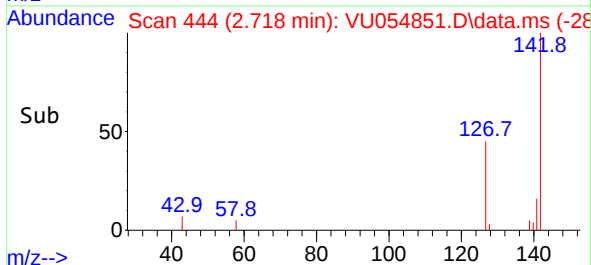
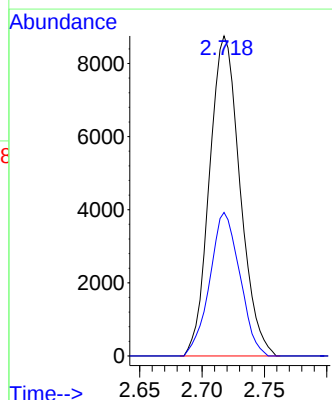
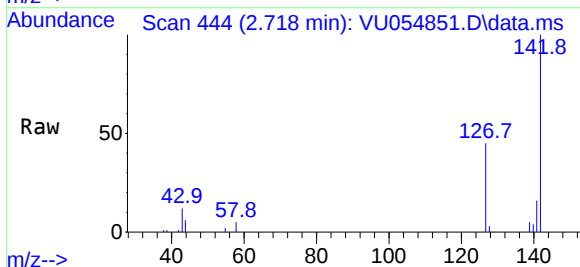
Manual Integrations
APPROVED

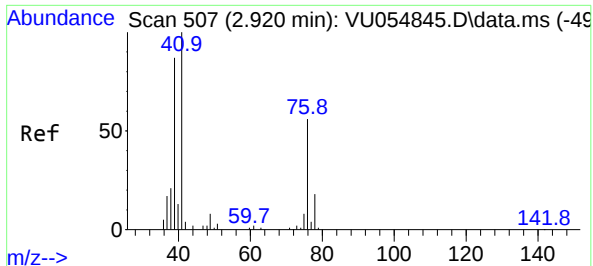
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 1.935 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

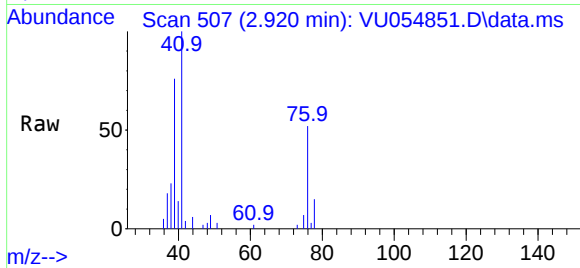
Tgt Ion:142 Resp: 14919
Ion Ratio Lower Upper
142 100
127 44.1 34.3 51.5





#11
 Allyl Chloride
 Concen: 2.116 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054851.D
 Acq: 24 Jul 2023 11:23

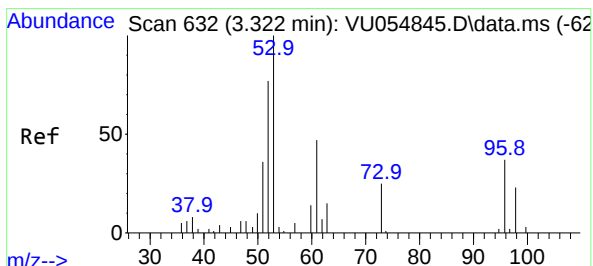
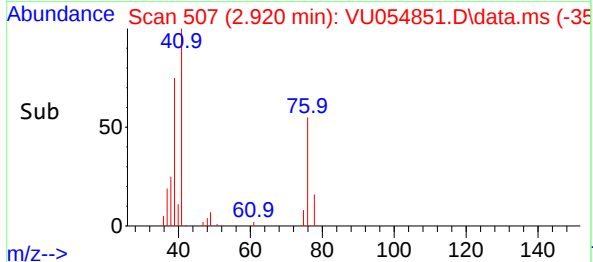
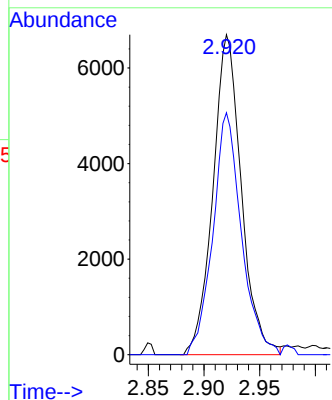
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01



Tgt Ion: 41 Resp: 1188
 Ion Ratio Lower Upper
 41 100
 39 75.7 70.2 105.2

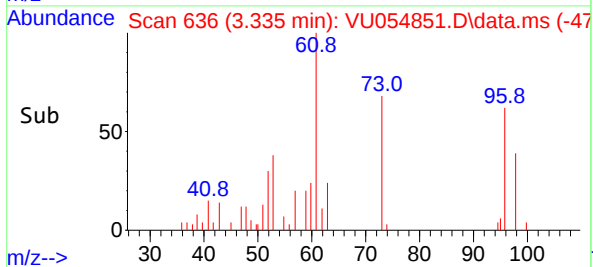
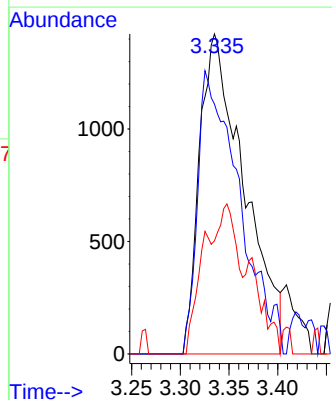
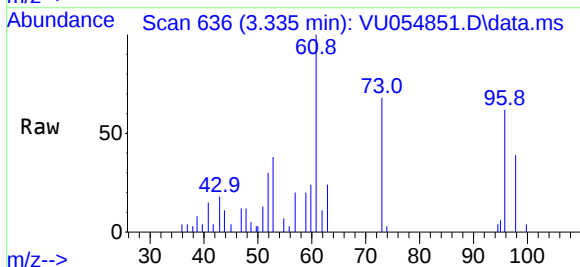
Manual Integrations
 APPROVED

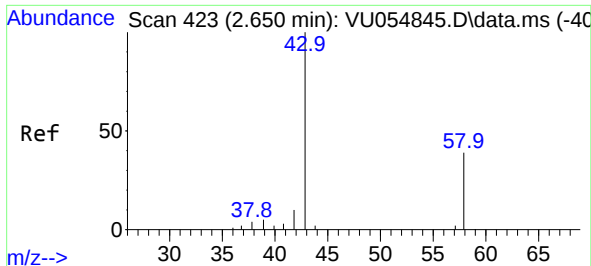
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 3.880 ug/l
 RT: 3.335 min Scan# 636
 Delta R.T. 0.013 min
 Lab File: VU054851.D
 Acq: 24 Jul 2023 11:23

Tgt Ion: 53 Resp: 4518
 Ion Ratio Lower Upper
 53 100
 52 80.3 64.2 96.4
 51 12.5 33.6 50.4#





#13

Acetone

Concen: 17.091 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054851.D

Acq: 24 Jul 2023 11:23

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tgt Ion: 43 Resp: 17060

Ion Ratio Lower Upper

43 100

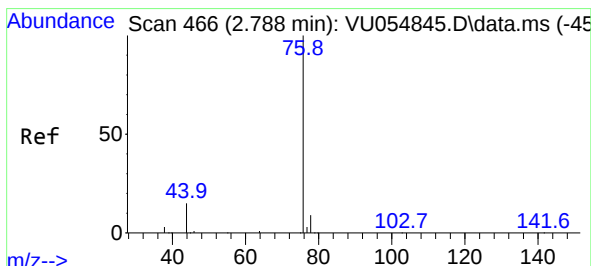
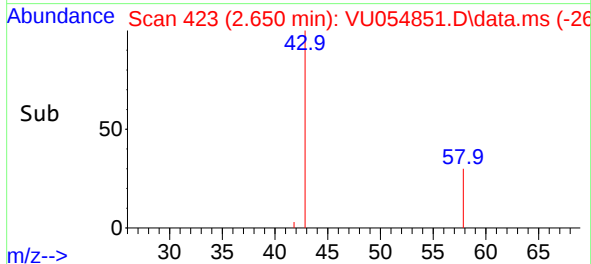
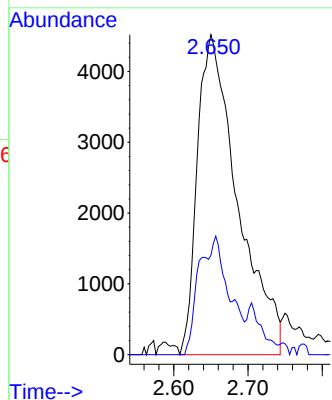
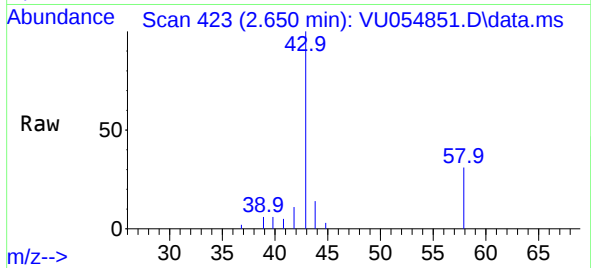
58 31.1 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 2.171 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054851.D

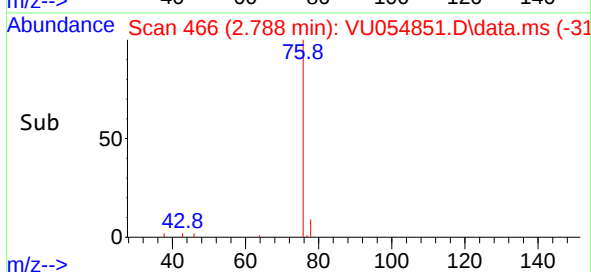
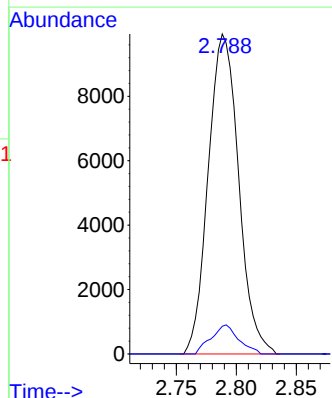
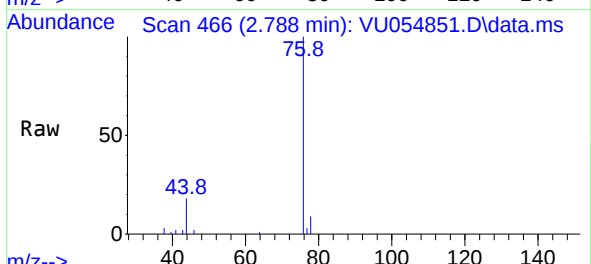
Acq: 24 Jul 2023 11:23

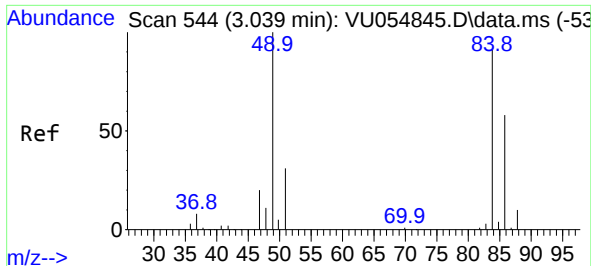
Tgt Ion: 76 Resp: 17516

Ion Ratio Lower Upper

76 100

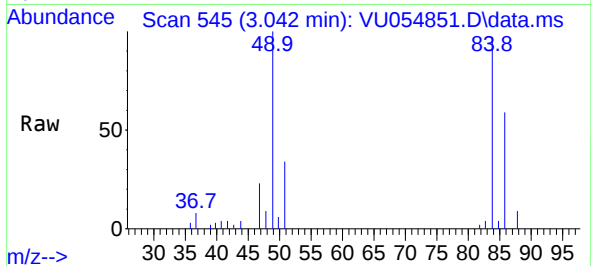
78 8.7 7.1 10.7





#15
Methylene Chloride
Concen: 1.725 ug/l
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

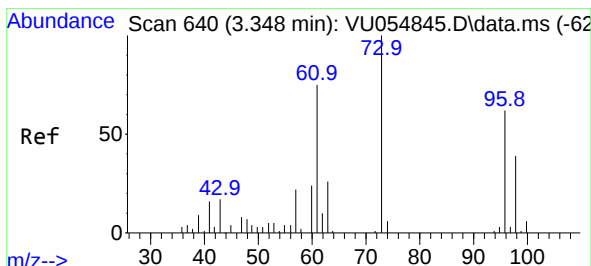
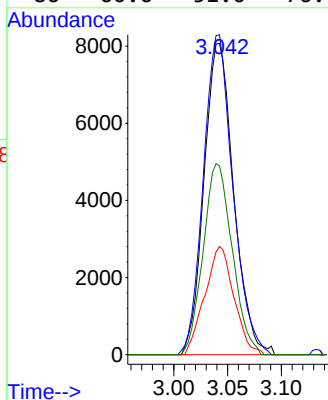
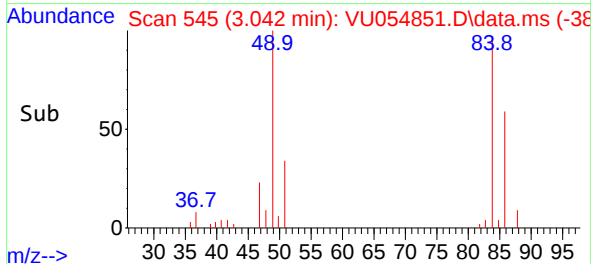
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



Tgt Ion: 84 Resp: 1548
Ion Ratio Lower Upper
84 100
49 102.8 87.8 131.6
51 34.8 0.0 68.2
86 60.6 51.0 76.4

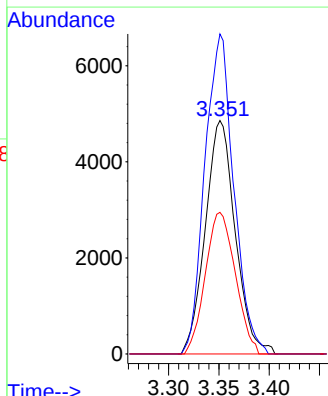
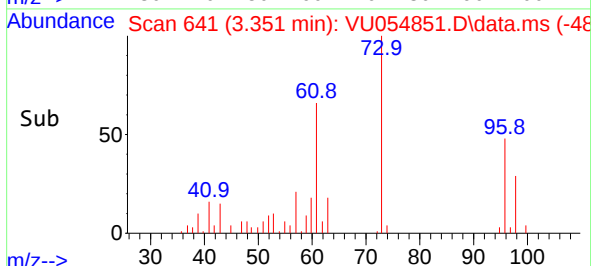
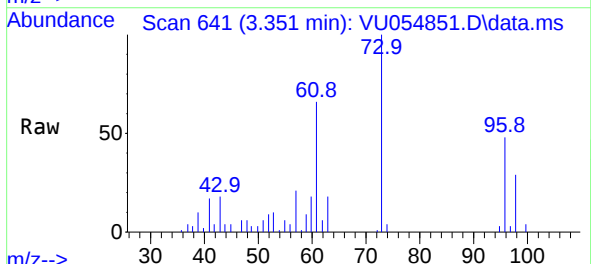
Manual Integrations
APPROVED

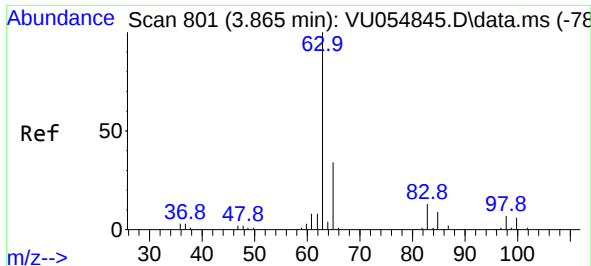
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 1.892 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion: 96 Resp: 10064
Ion Ratio Lower Upper
96 100
61 137.0 96.4 144.6
98 60.6 49.3 73.9





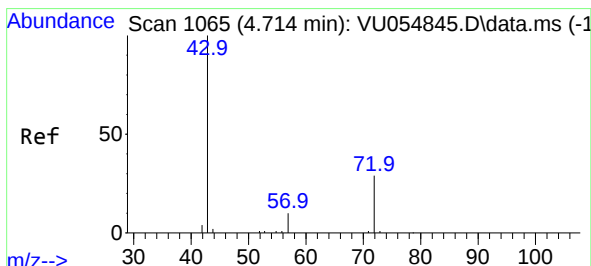
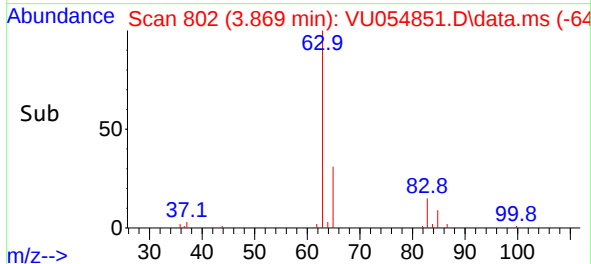
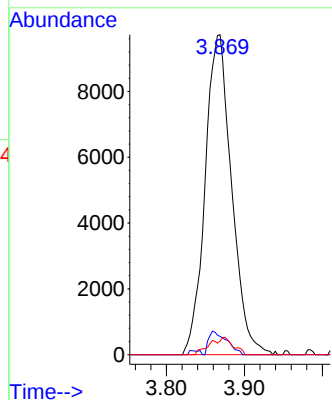
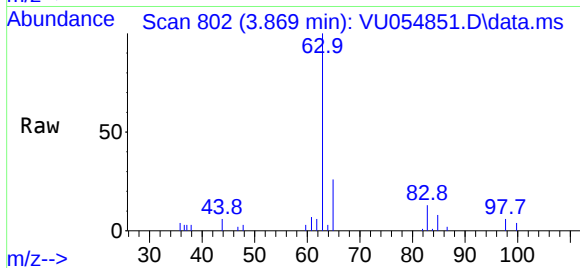
#17
1,1-Dichloroethane
Concen: 2.043 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 63 Resp: 2298
Ion Ratio Lower Upper
63 100
98 5.7 3.6 10.8
100 4.2 2.8 8.4

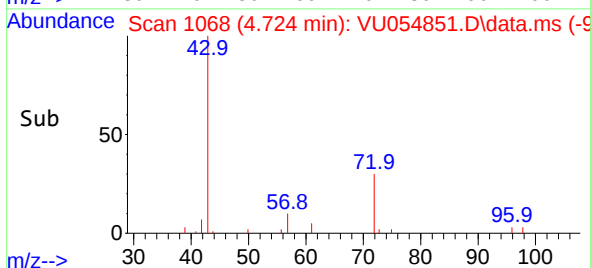
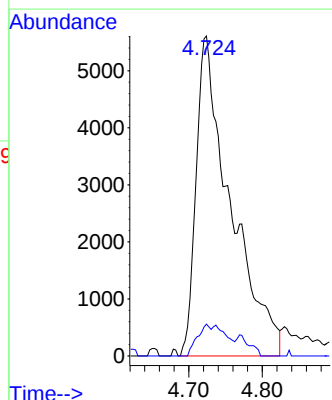
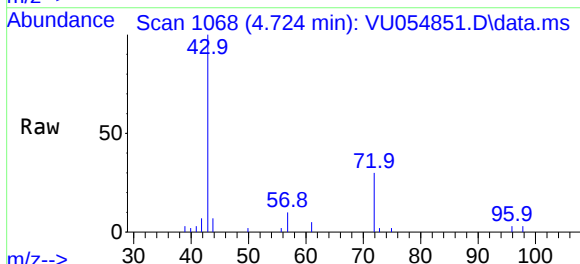
Manual Integrations
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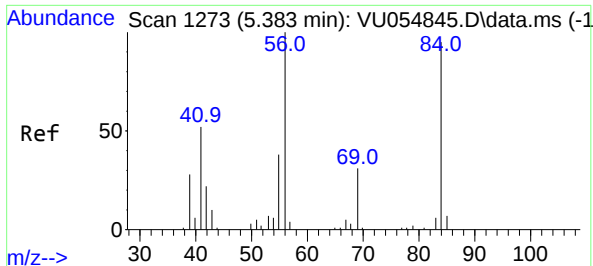
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 12.455 ug/l m
RT: 4.724 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

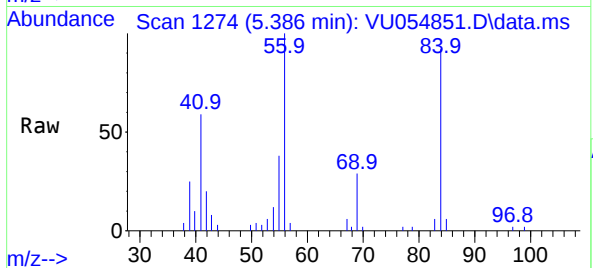
Tgt Ion: 43 Resp: 18187
Ion Ratio Lower Upper
43 100
57 9.9 0.0 20.8





#19
Cyclohexane
Concen: 2.035 ug/l
RT: 5.386 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

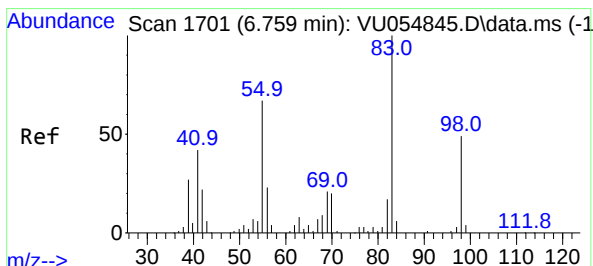
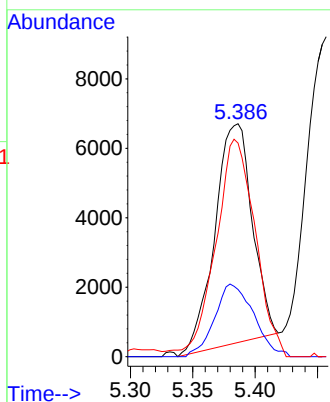
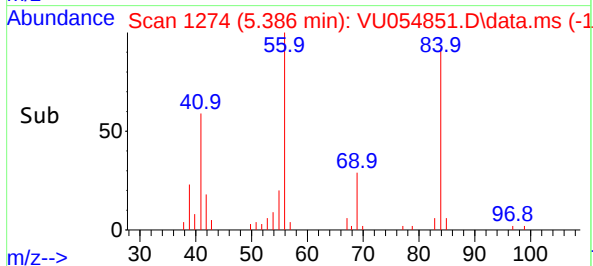
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



Tgt Ion: 56 Resp: 13250
Ion Ratio Lower Upper
56 100
69 34.5 24.7 37.1
84 100.9 76.5 114.7

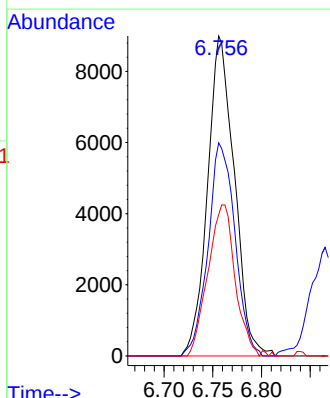
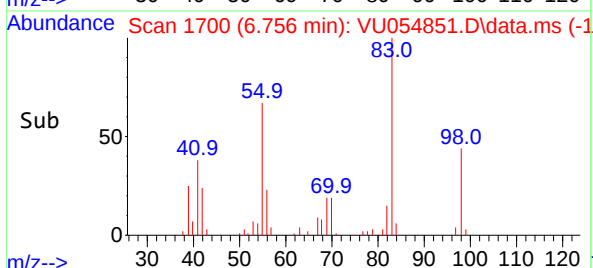
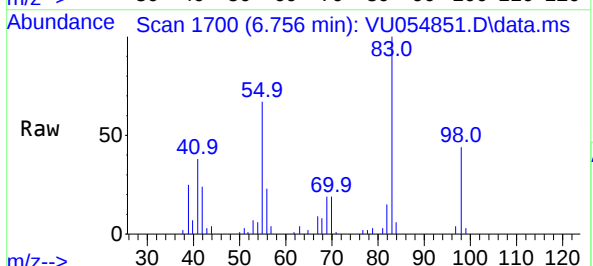
Manual Integrations
APPROVED

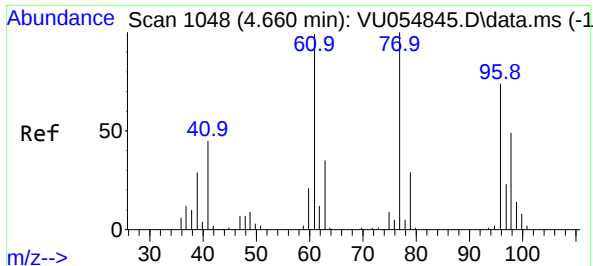
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylcyclohexane
Concen: 1.989 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion: 83 Resp: 17213
Ion Ratio Lower Upper
83 100
55 67.0 51.6 77.4
98 47.8 38.2 57.2





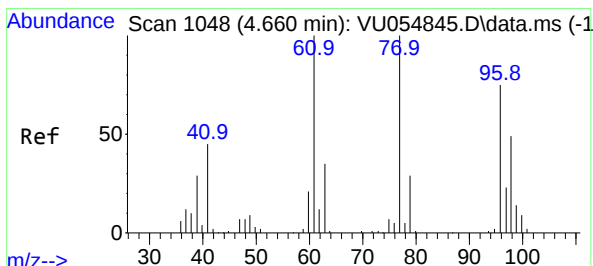
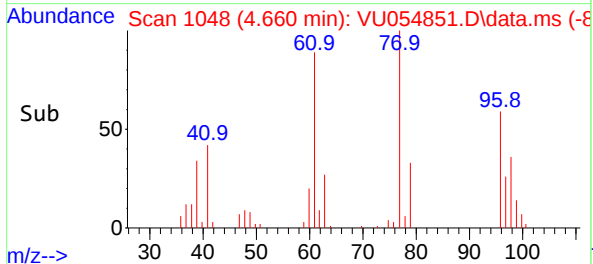
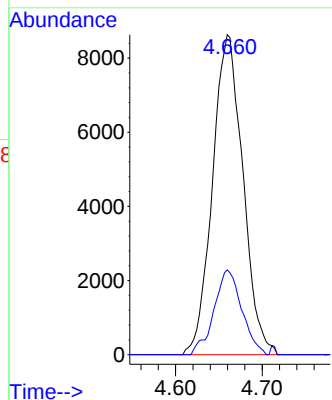
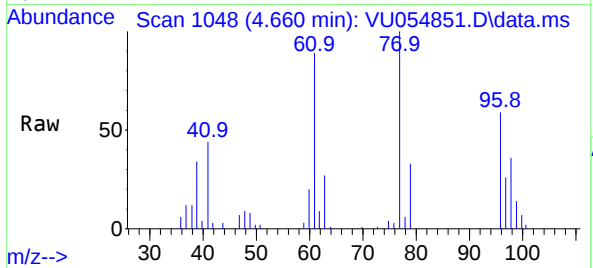
#21
2,2-Dichloropropane
Concen: 2.144 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 77 Resp: 21048
Ion Ratio Lower Upper
77 100
97 24.2 18.0 27.0

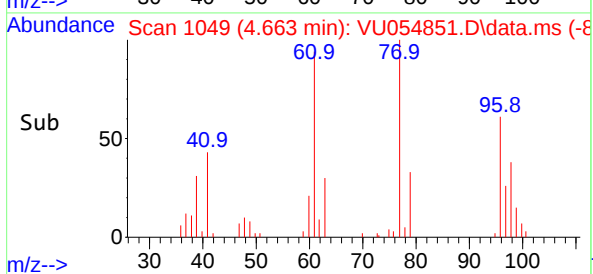
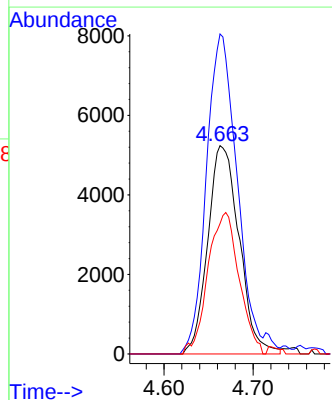
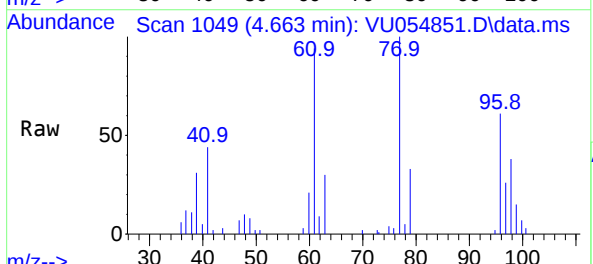
Manual Integrations
APPROVED

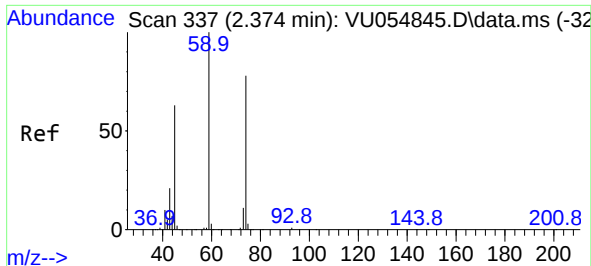
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 1.906 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

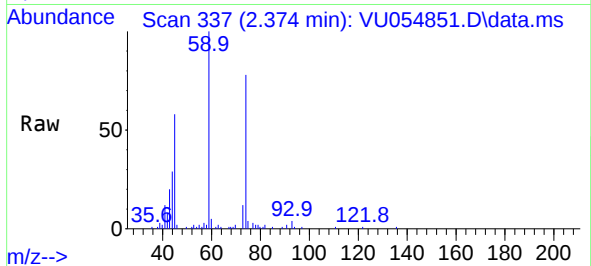
Tgt Ion: 96 Resp: 12834
Ion Ratio Lower Upper
96 100
61 148.8 0.0 332.0
98 67.4 32.5 97.5





#23
Diethyl Ether
Concen: 2.065 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

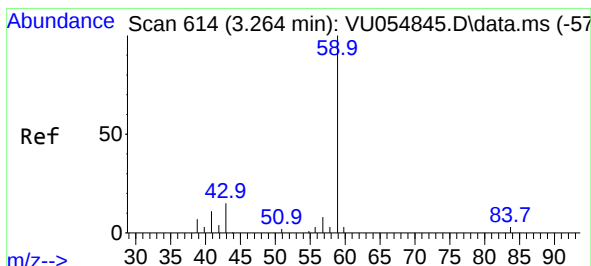
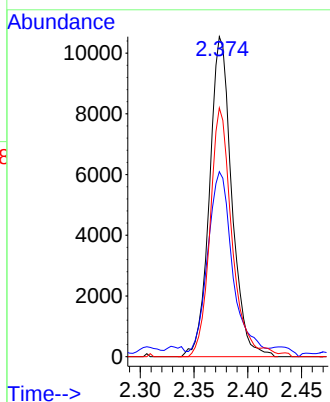
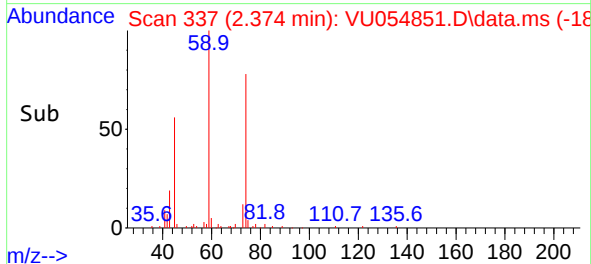
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



Tgt Ion: 59 Resp: 15180
Ion Ratio Lower Upper
59 100
45 61.1 51.4 77.0
74 77.0 63.1 94.7

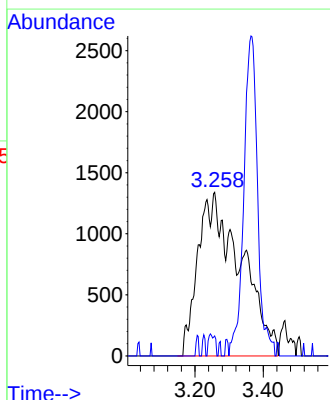
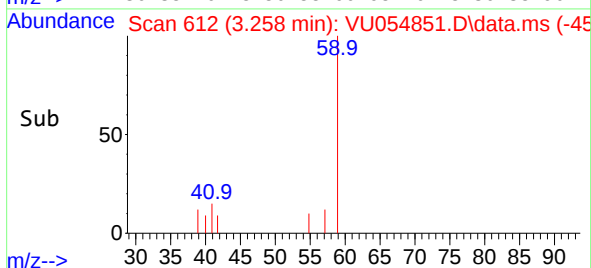
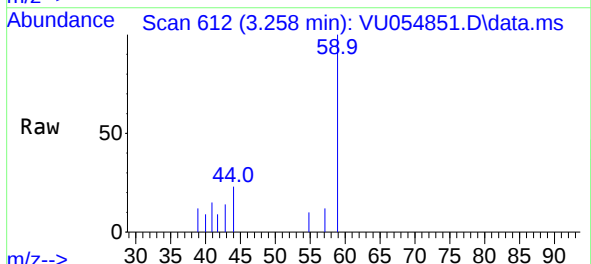
Manual Integrations
APPROVED

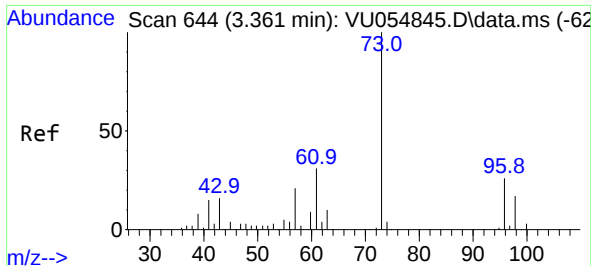
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 18.409 ug/l m
RT: 3.258 min Scan# 612
Delta R.T. -0.006 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

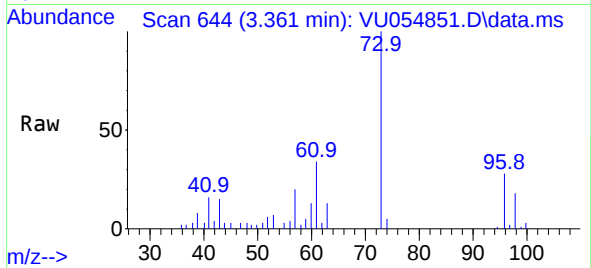
Tgt Ion: 59 Resp: 11660
Ion Ratio Lower Upper
59 100
57 2.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 2.086 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

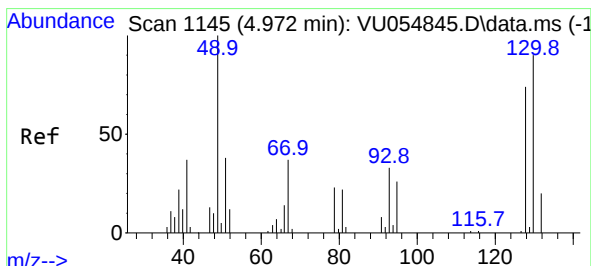
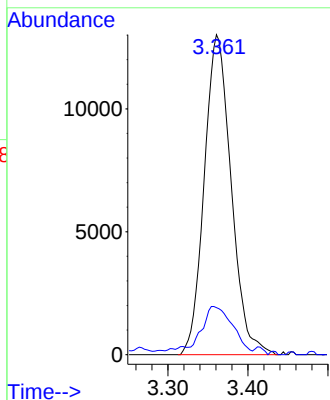
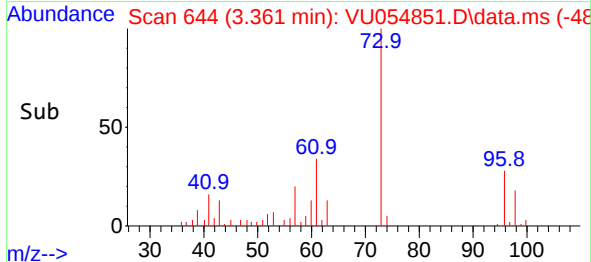
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



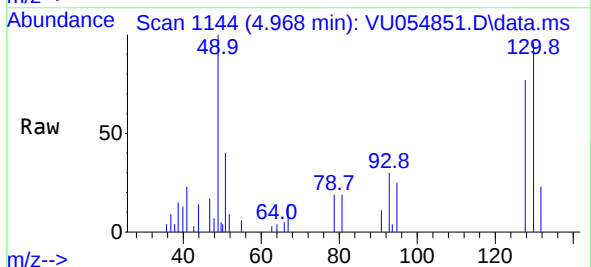
Tgt Ion: 73 Resp: 3045
Ion Ratio Lower Upper
73 100
43 17.2 14.6 22.0

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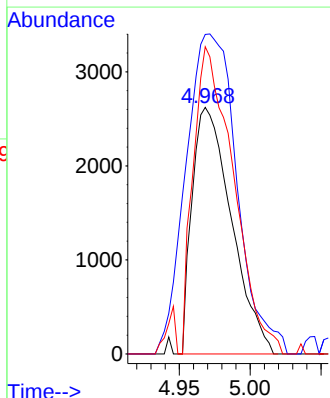
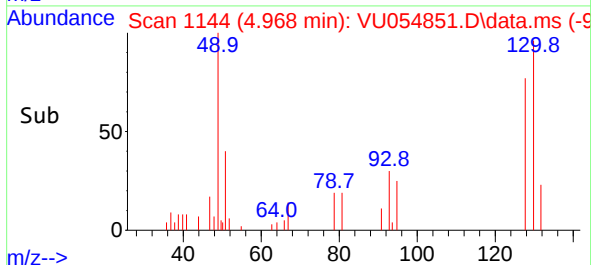
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

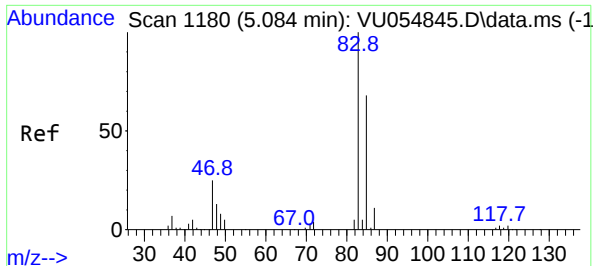


#26
Bromochloromethane
Concen: 1.966 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



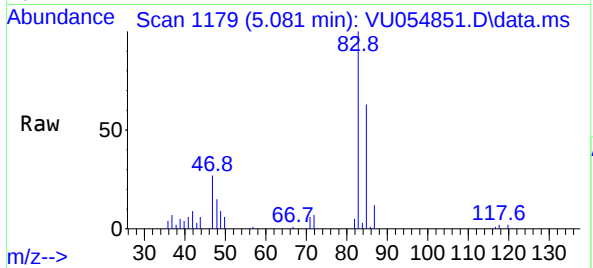
Tgt Ion:128 Resp: 5047
Ion Ratio Lower Upper
128 100
49 169.0 0.0 304.0
130 127.7 104.3 156.5





#27
Chloroform
Concen: 2.046 ug/l
RT: 5.081 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

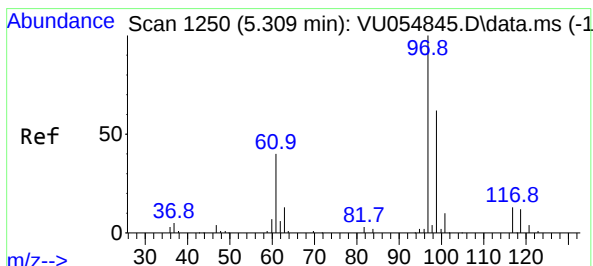
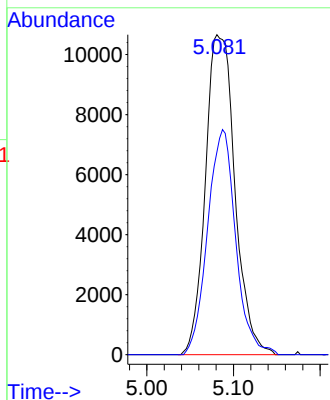
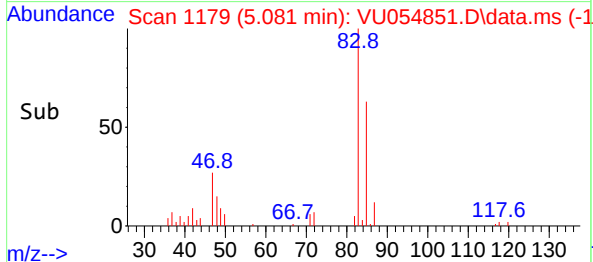
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



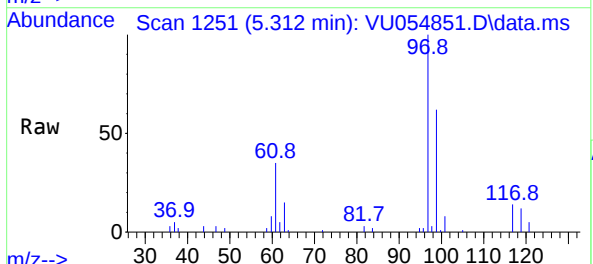
Tgt Ion: 83 Resp: 2530
Ion Ratio Lower Upper
83 100
85 63.3 0.0 135.2

Manual Integrations
APPROVED

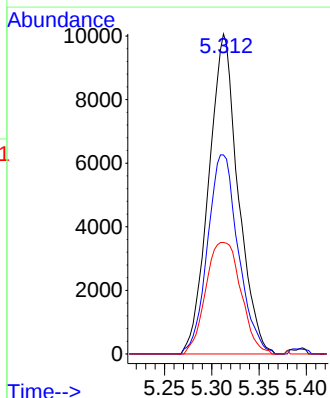
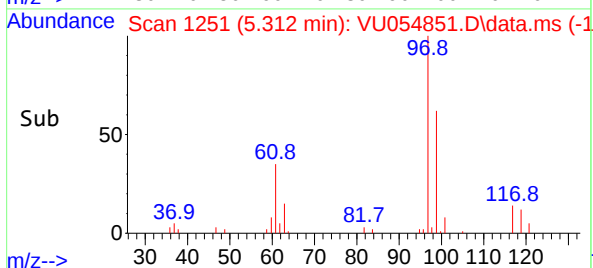
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

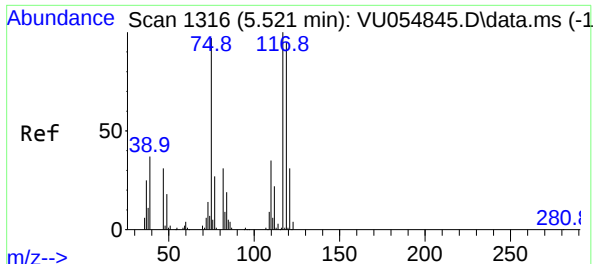


#28
1,1,1-Trichloroethane
Concen: 2.094 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion: 97 Resp: 21767
Ion Ratio Lower Upper
97 100
99 65.1 32.0 96.2
61 41.5 21.0 63.0





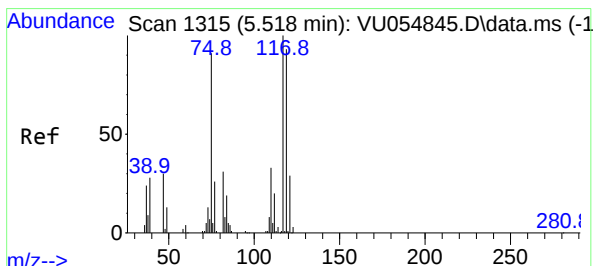
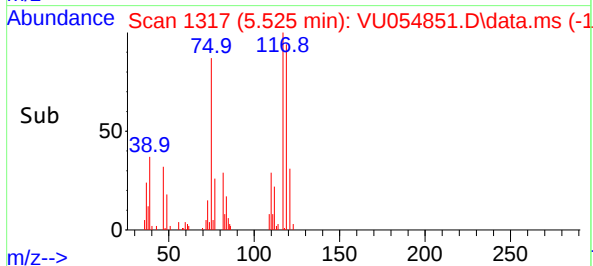
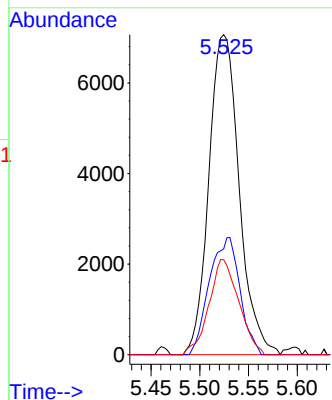
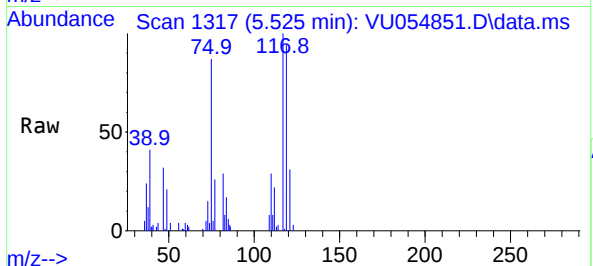
#29
1,1-Dichloropropene
Concen: 2.069 ug/l
RT: 5.525 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 75 Resp: 15292
Ion Ratio Lower Upper
75 100
110 36.9 18.5 55.5
77 29.2 24.9 37.3

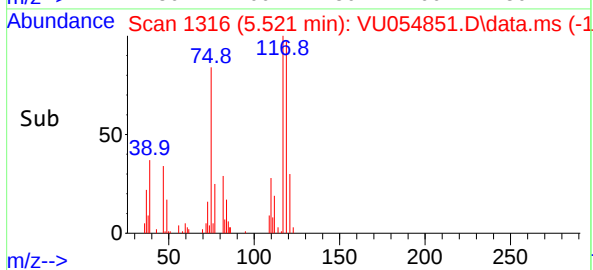
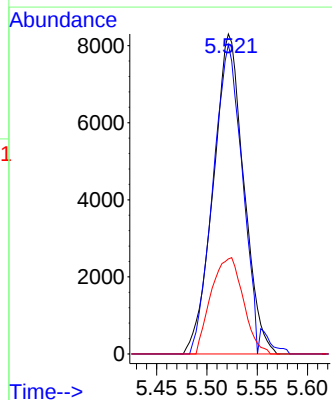
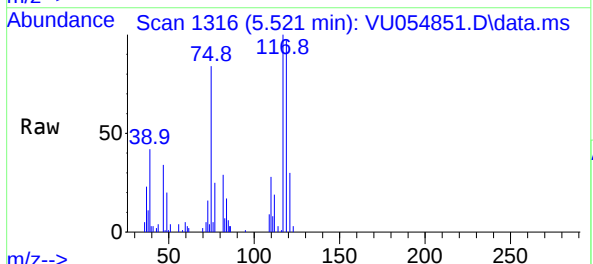
Manual Integrations
APPROVED

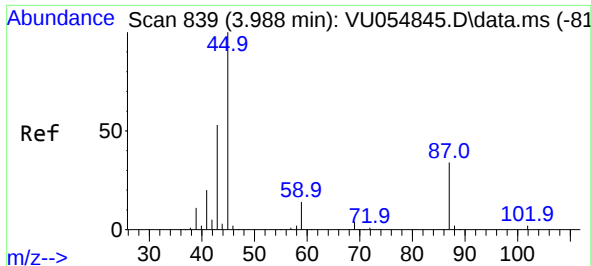
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Carbon Tetrachloride
Concen: 2.024 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:117 Resp: 17483
Ion Ratio Lower Upper
117 100
119 96.7 75.6 113.4
121 29.7 23.4 35.0





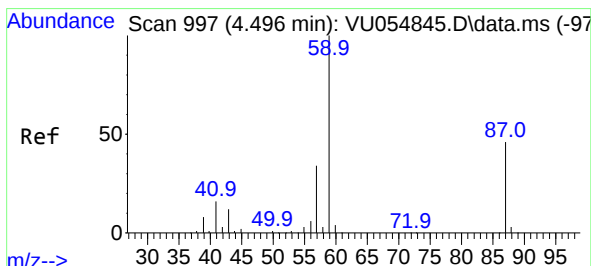
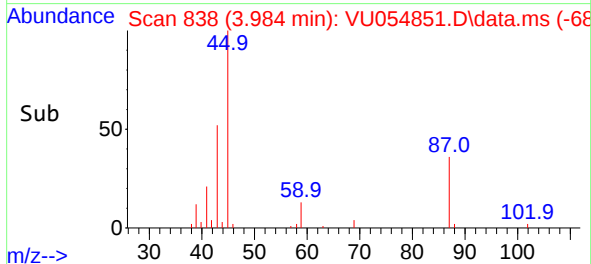
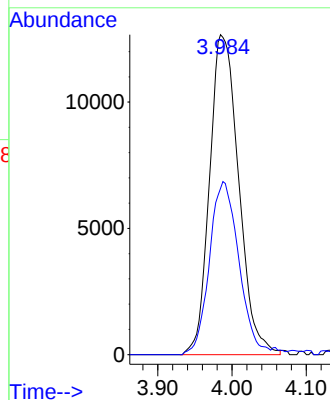
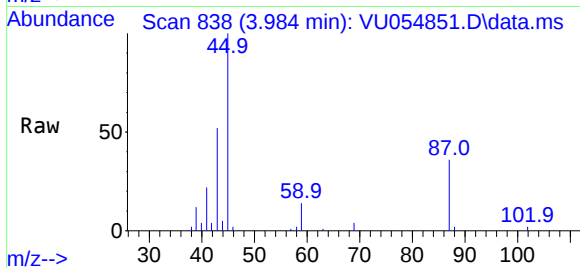
#31
Isopropyl Ether
Concen: 2.073 ug/l
RT: 3.984 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 45 Resp: 3452
Ion Ratio Lower Upper
45 100
43 54.5 26.4 79.2

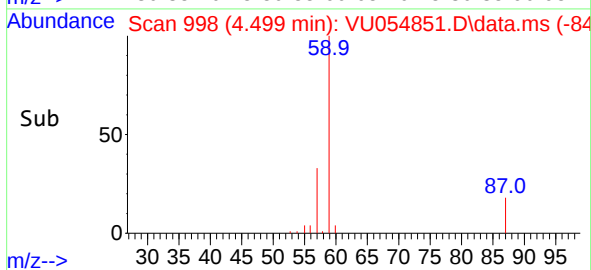
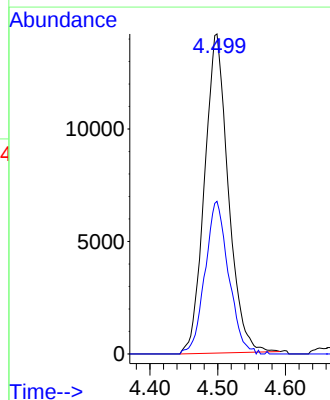
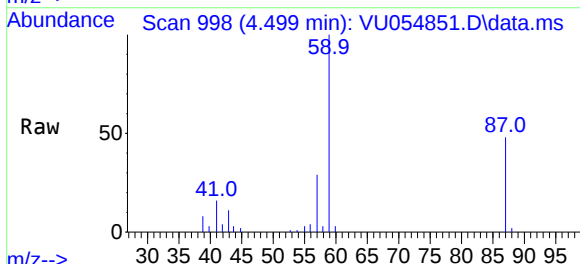
Manual Integrations
APPROVED

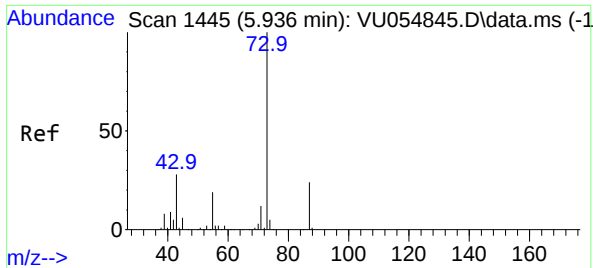
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 2.020 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

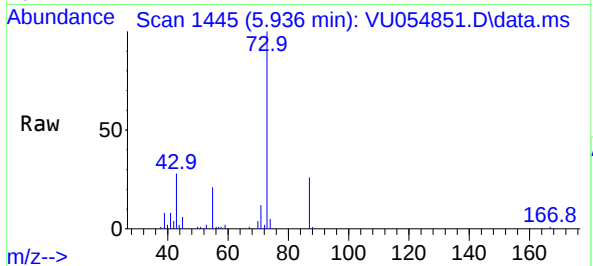
Tgt Ion: 59 Resp: 34566
Ion Ratio Lower Upper
59 100
87 47.5 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 1.985 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

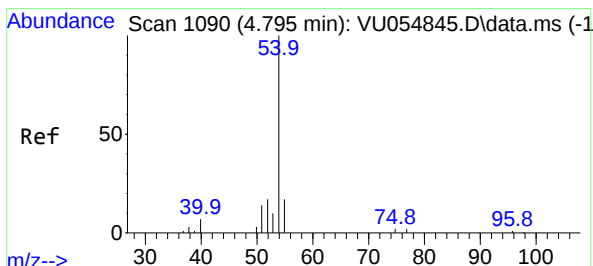
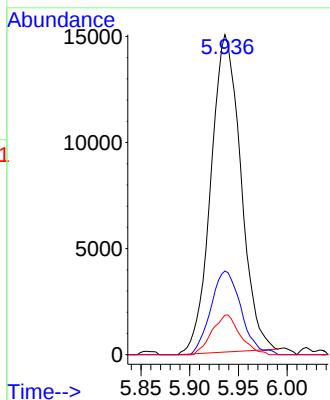
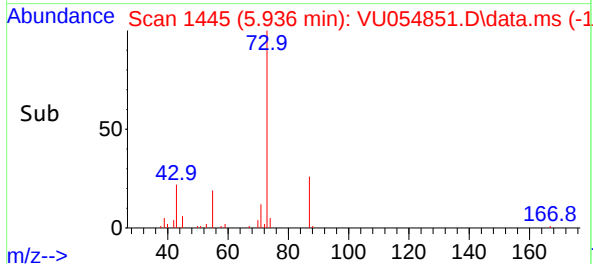
Instrument : MSVOA_U
ClientSampleId : VU0724WBS01



Tgt Ion: 73 Resp: 3197
Ion Ratio Lower Upper
73 100
87 26.7 19.6 29.4
71 11.8 9.1 13.7

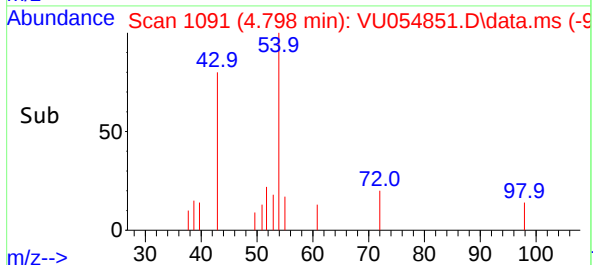
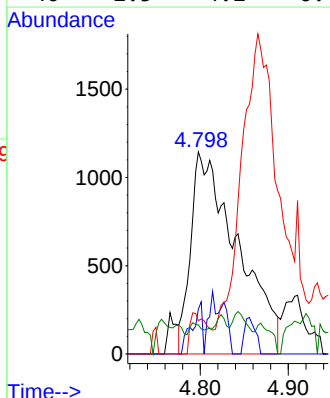
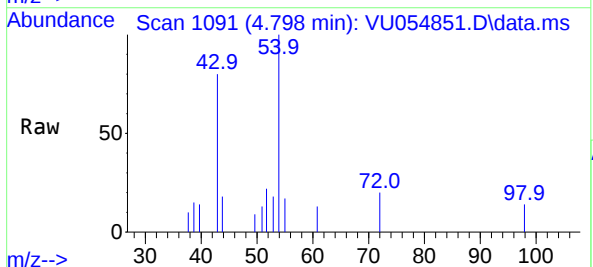
Manual Integrations
APPROVED

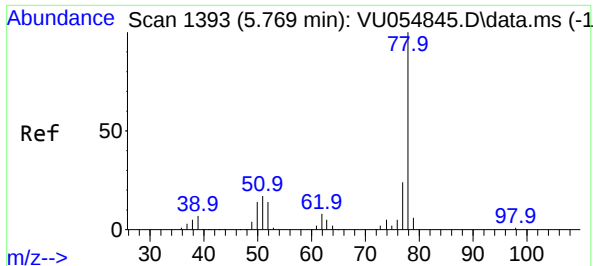
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 9.594 ug/l m
RT: 4.798 min Scan# 1091
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion: 54 Resp: 4191
Ion Ratio Lower Upper
54 100
52 5.7 13.8 20.8#
55 7.6 4.8 7.2#
40 2.5 4.2 6.4#





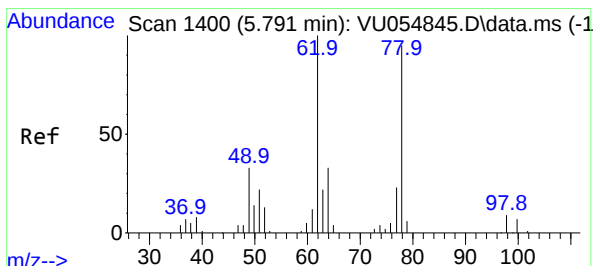
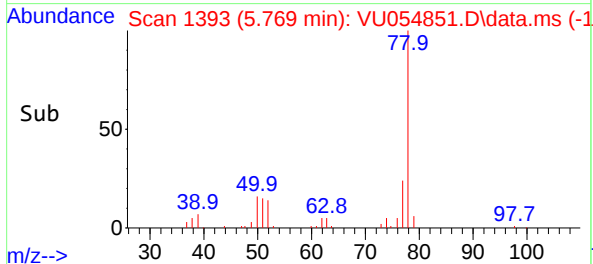
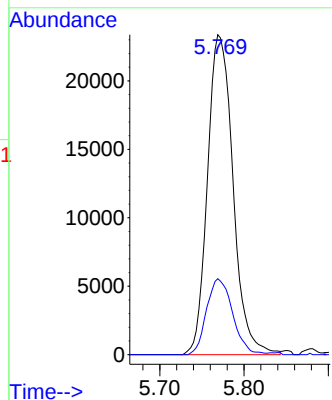
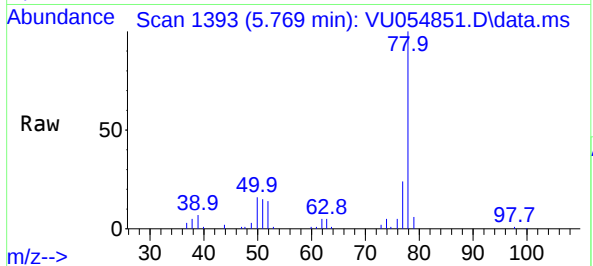
#35
Benzene
Concen: 2.054 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 78 Resp: 4933
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

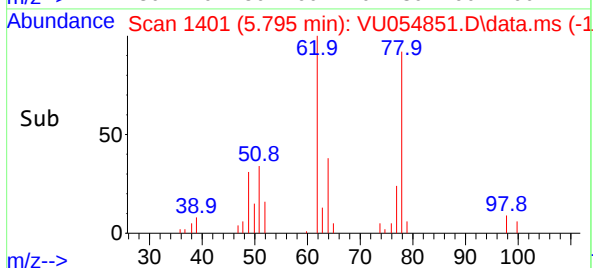
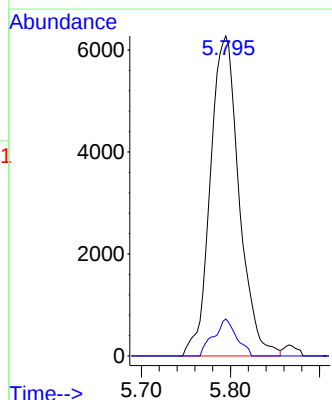
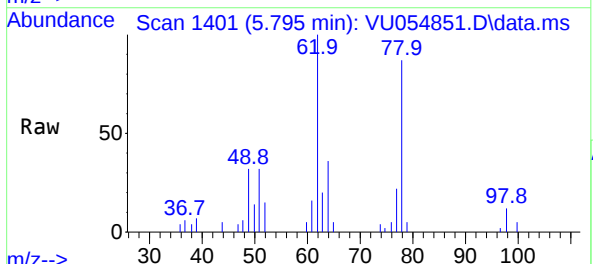
Manual Integrations
APPROVED

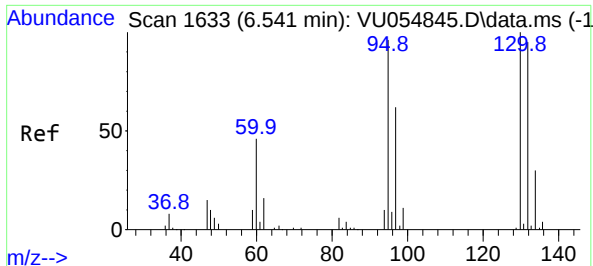
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 2.041 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

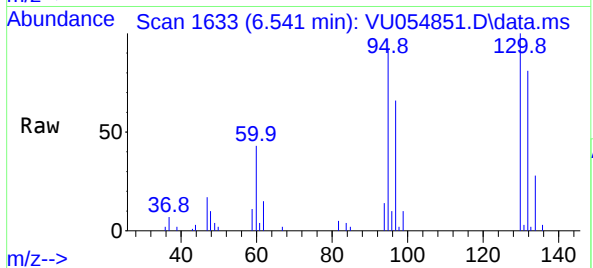
Tgt Ion: 62 Resp: 14081
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8





#37
Trichloroethene
Concen: 2.124 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

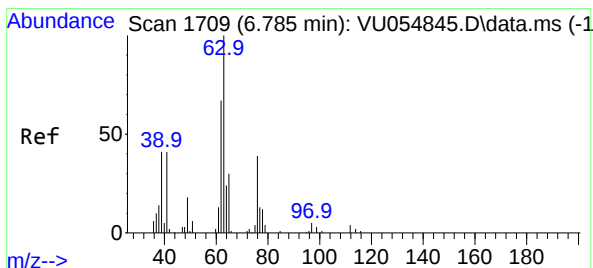
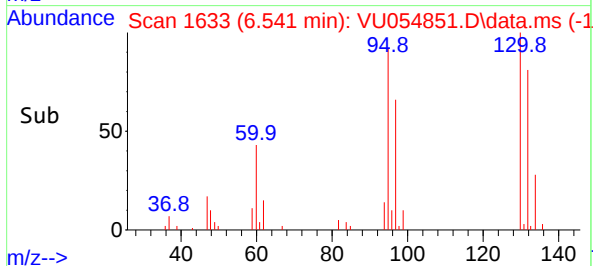
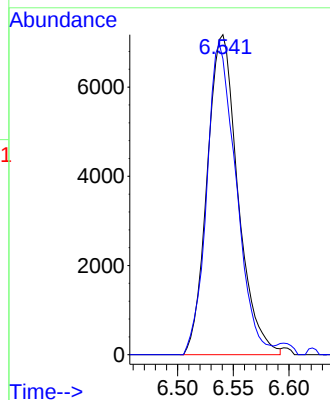
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



Tgt Ion:130 Resp: 13789
Ion Ratio Lower Upper
130 100
95 92.4 76.8 115.2

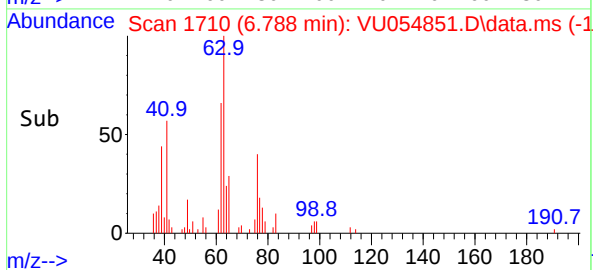
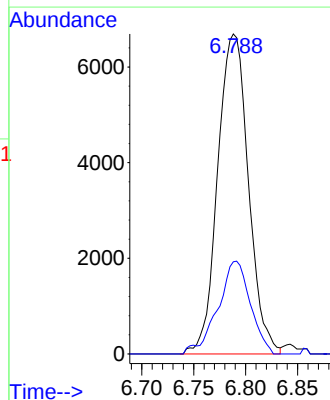
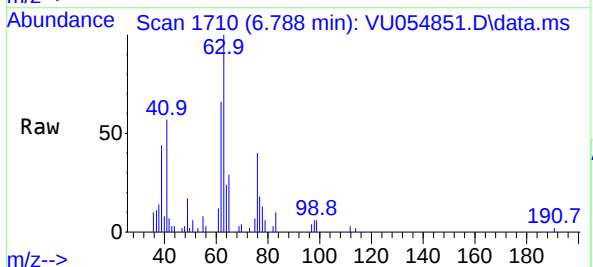
Manual Integrations
APPROVED

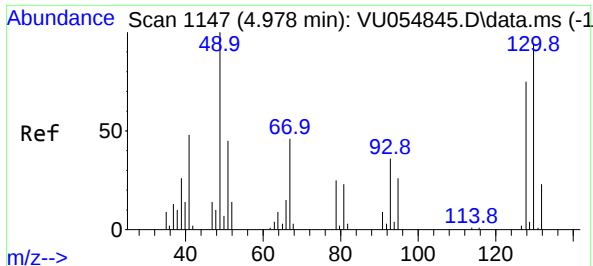
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 1.985 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

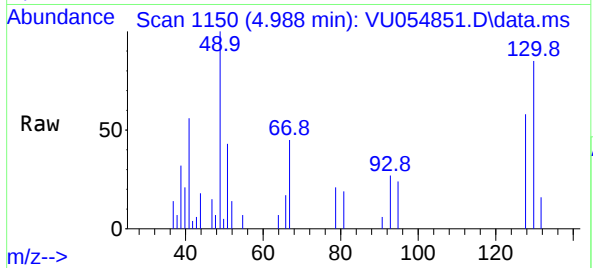
Tgt Ion: 63 Resp: 13763
Ion Ratio Lower Upper
63 100
65 28.8 24.3 36.5





#39
Methacrylonitrile
Concen: 2.182 ug/l
RT: 4.988 min Scan# 1147
Delta R.T. 0.010 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

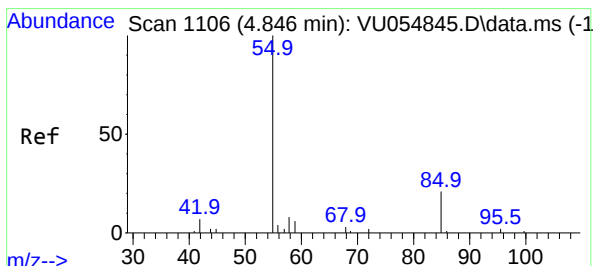
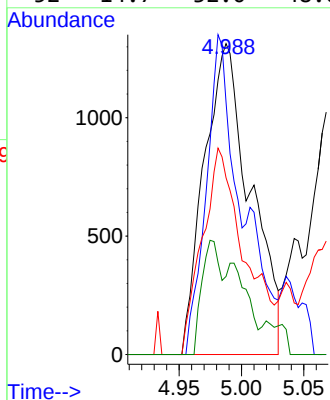
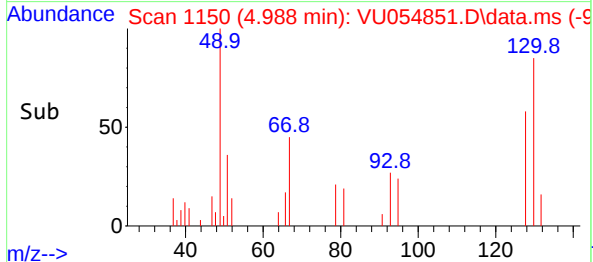
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



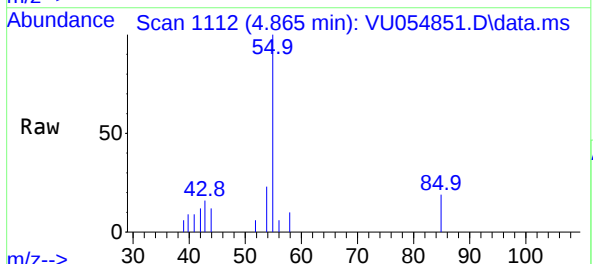
Tgt Ion: 41 Resp: 339
Ion Ratio Lower Upper
41 100
67 59.5 77.0 115.4
39 60.6 50.4 75.6
52 14.7 32.0 48.0#

Manual Integrations
APPROVED

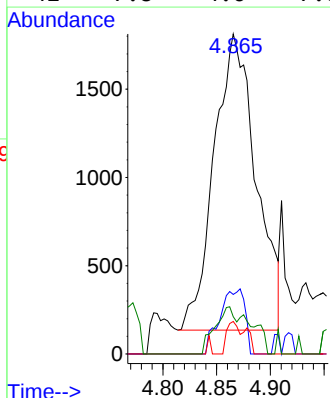
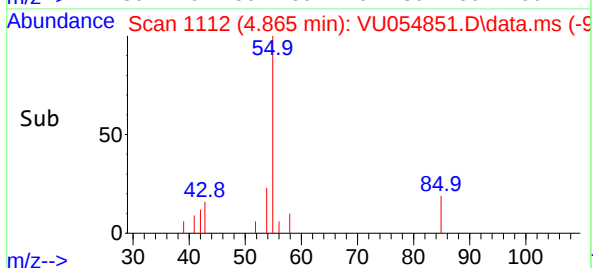
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

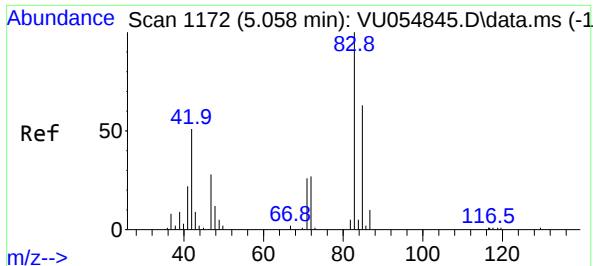


#40
Methyl acrylate
Concen: 1.713 ug/l
RT: 4.865 min Scan# 1112
Delta R.T. 0.019 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion: 55 Resp: 4546
Ion Ratio Lower Upper
55 100
85 13.2 13.0 19.6
58 3.2 5.7 8.5#
42 7.8 4.6 7.0#





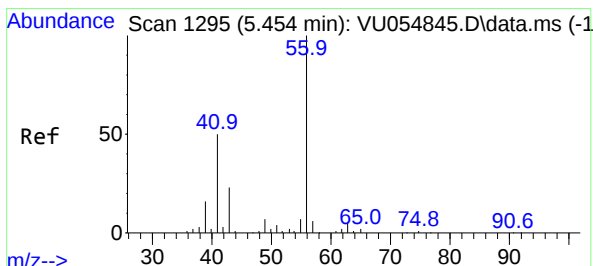
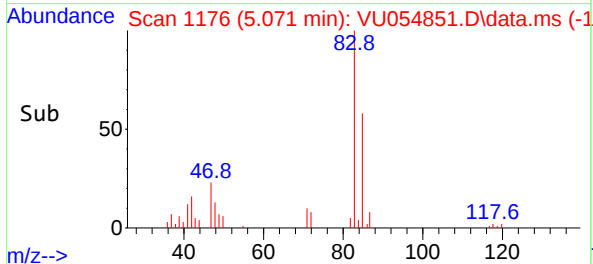
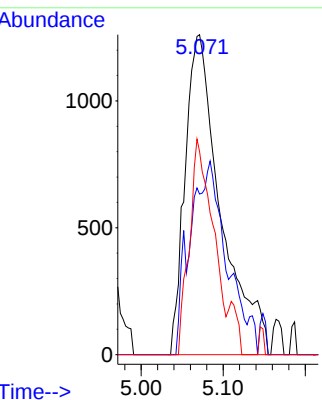
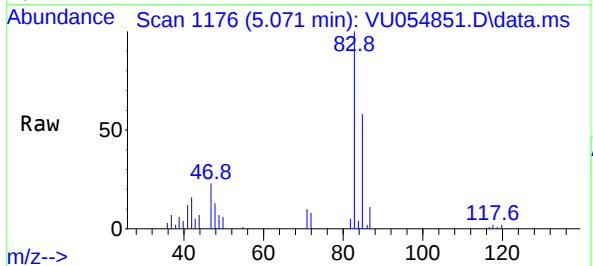
#41
Tetrahydrofuran
Concen: 4.152 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 42 Resp: 3810
Ion Ratio Lower Upper
42 100
72 6.1 42.1 63.1
71 44.2 39.7 59.5

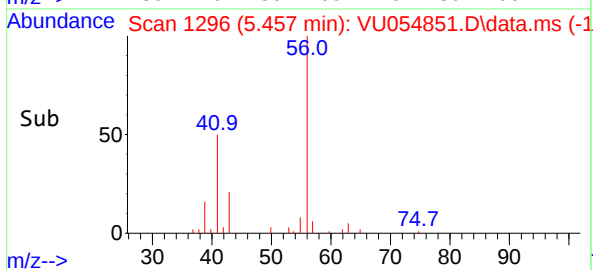
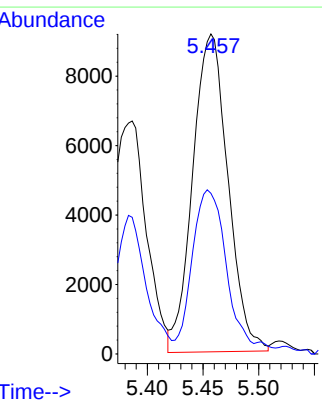
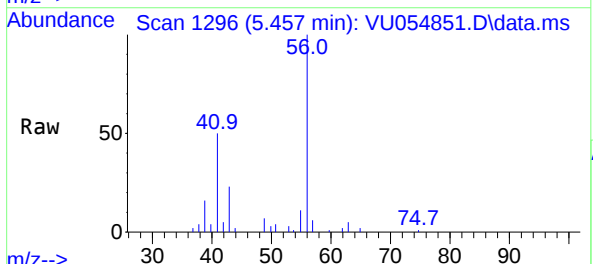
Manual Integrations
APPROVED

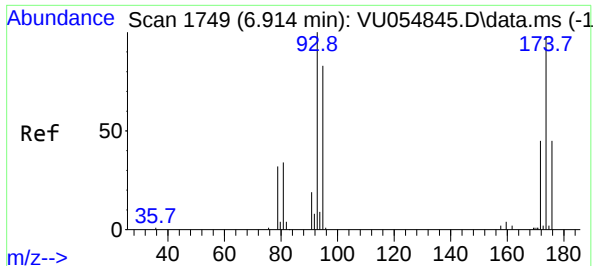
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 2.016 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

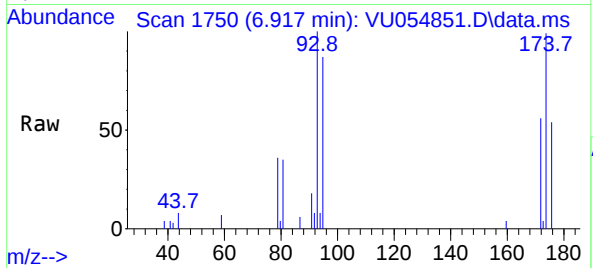
Tgt Ion: 56 Resp: 20159
Ion Ratio Lower Upper
56 100
41 45.0 23.9 71.7





#43
Dibromomethane
Concen: 1.924 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

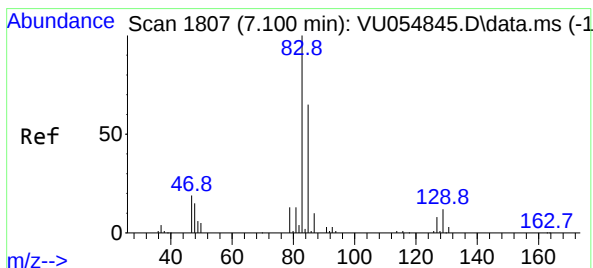
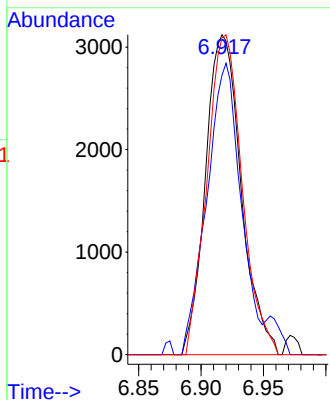
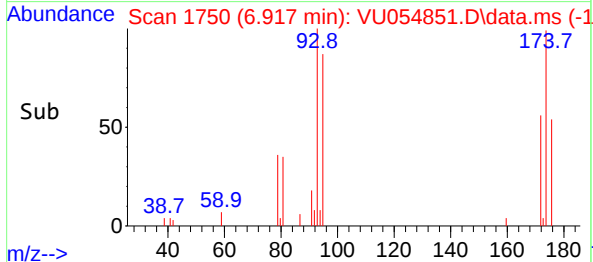
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



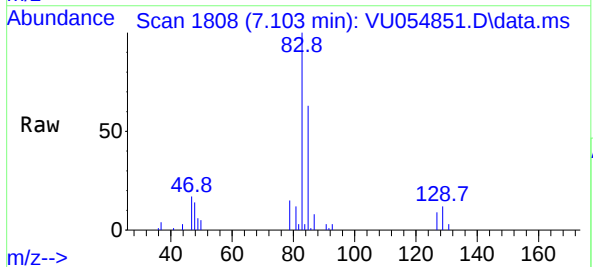
Tgt Ion: 93 Resp: 620
Ion Ratio Lower Upper
93 100
95 87.1 64.7 97.1
174 98.8 74.4 111.6

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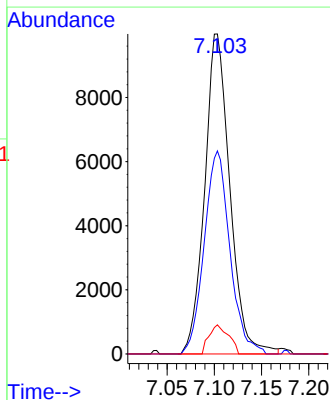
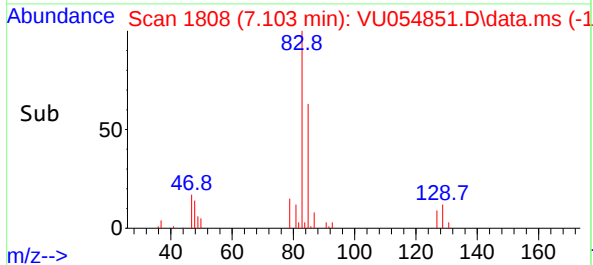
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

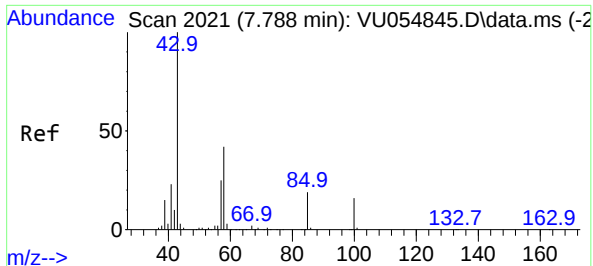


#44
Bromodichloromethane
Concen: 2.097 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion: 83 Resp: 18536
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.2
127 8.9 6.1 9.1





#45

4-Methyl-2-Pentanone

Concen: 10.029 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU054851.D

Acq: 24 Jul 2023 11:23

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tgt Ion: 43 Resp: 3828

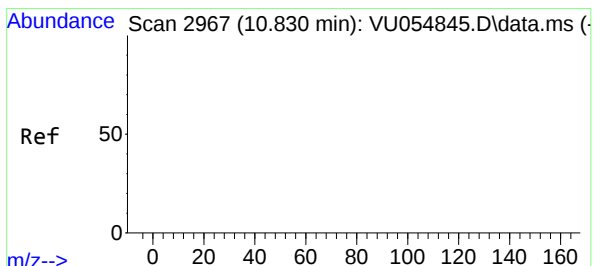
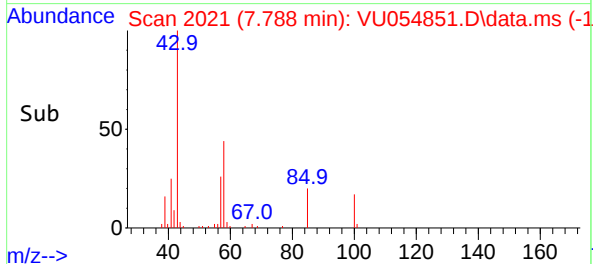
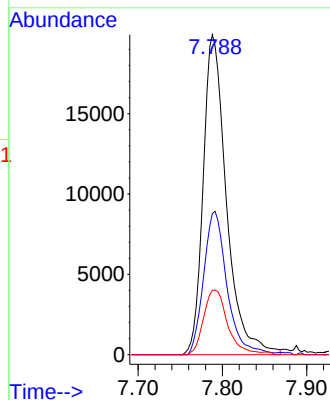
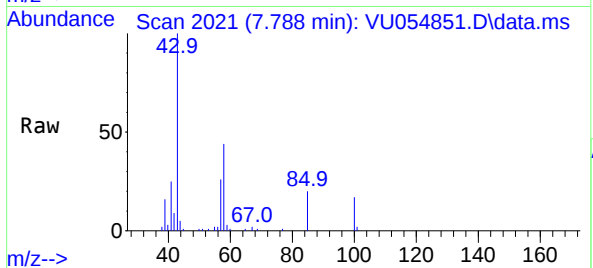
Ion	Ratio	Lower	Upper
43	100		
58	44.9	21.3	63.7
85	20.8	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

t-1,4-Dichloro-2-butene

Concen: 4.864 ug/l m

RT: 10.833 min Scan# 2968

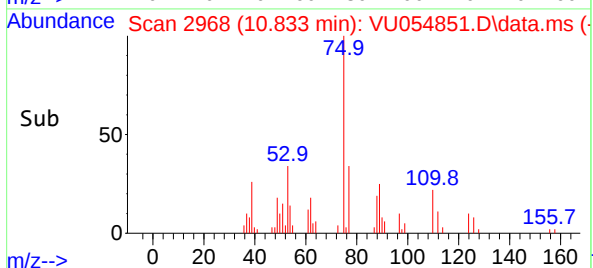
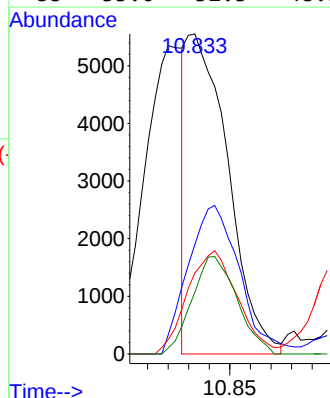
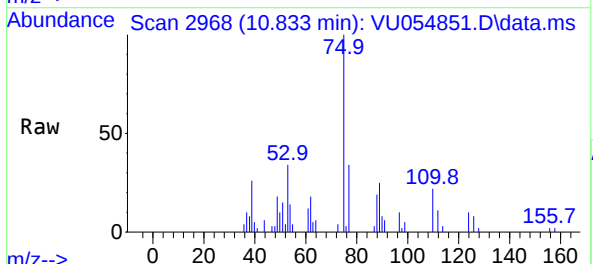
Delta R.T. 0.003 min

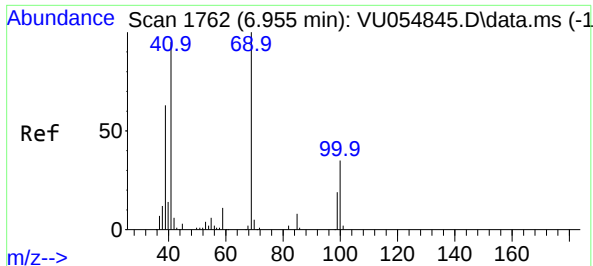
Lab File: VU054851.D

Acq: 24 Jul 2023 11:23

Tgt Ion: 75 Resp: 7774

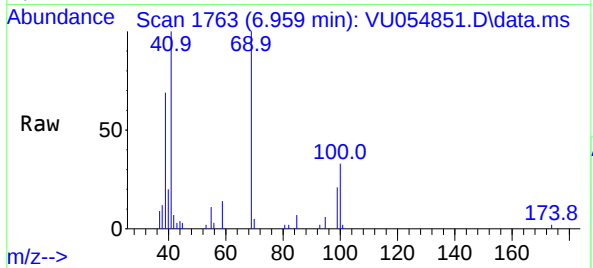
Ion	Ratio	Lower	Upper
75	100		
53	57.9	62.9	94.3#
89	38.7	47.8	71.8#
88	33.0	32.3	48.5





#47
Methyl methacrylate
Concen: 3.962 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

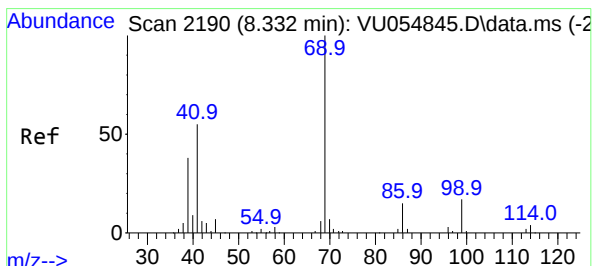
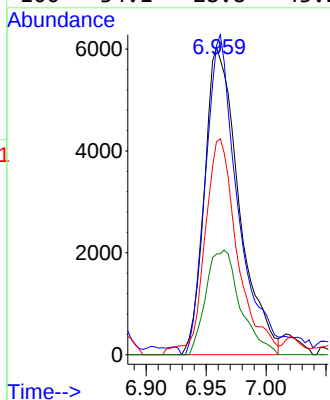
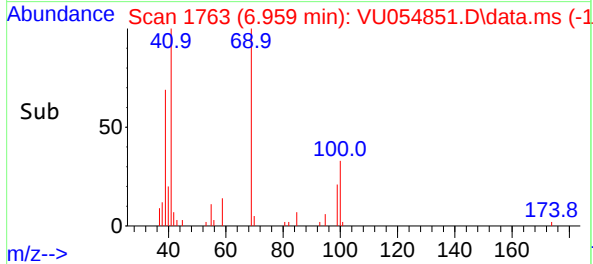
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



Tgt Ion: 69 Resp: 1200
Ion Ratio Lower Upper
69 100
41 101.5 0.0 193.0
39 66.9 50.4 75.6
100 34.1 28.8 43.2

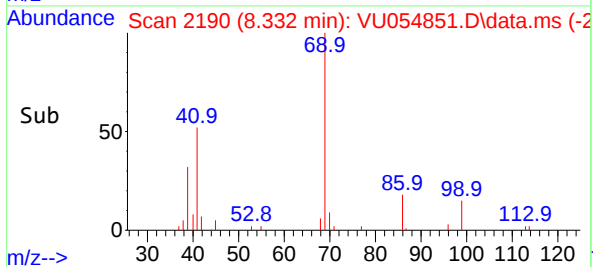
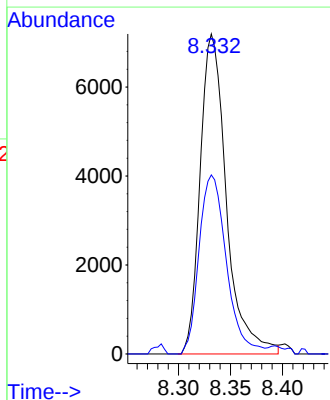
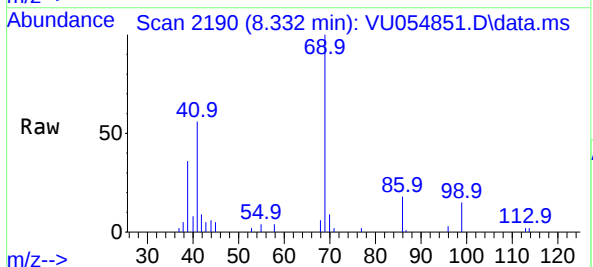
Manual Integrations
APPROVED

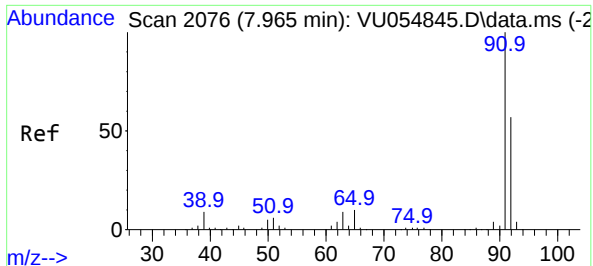
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Ethyl methacrylate
Concen: 2.049 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion: 69 Resp: 12616
Ion Ratio Lower Upper
69 100
41 58.3 28.8 86.5





#49

Toluene

Concen: 2.016 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054851.D

Acq: 24 Jul 2023 11:23

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tgt Ion: 92 Resp: 30900

Ion Ratio Lower Upper

92 100

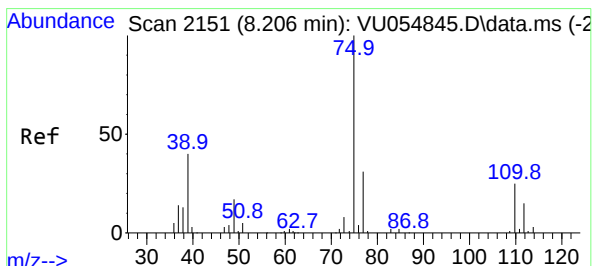
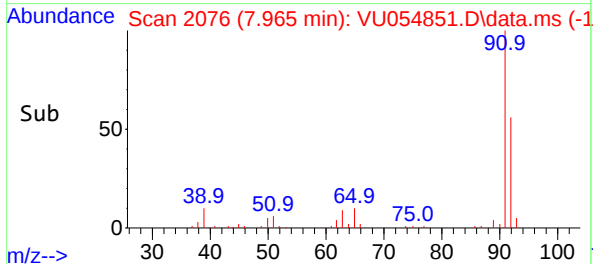
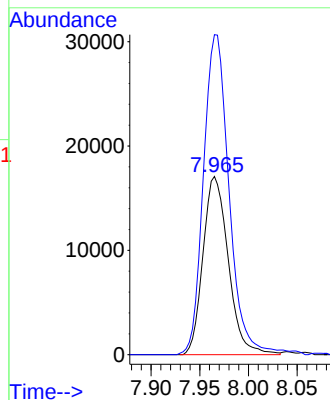
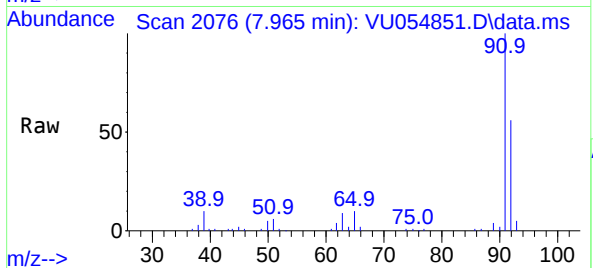
91 182.4 142.9 214.3

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 2.007 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054851.D

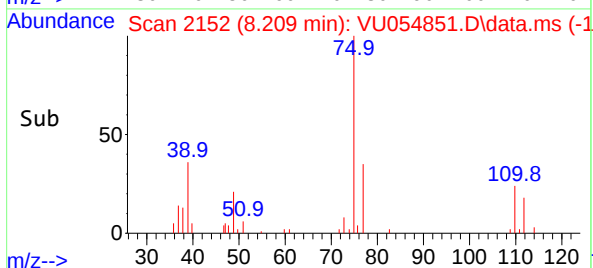
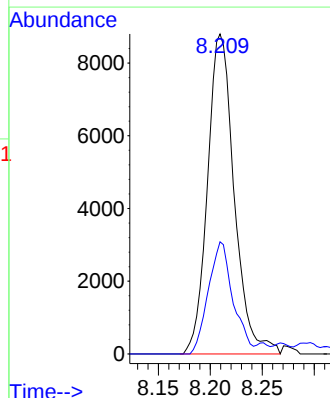
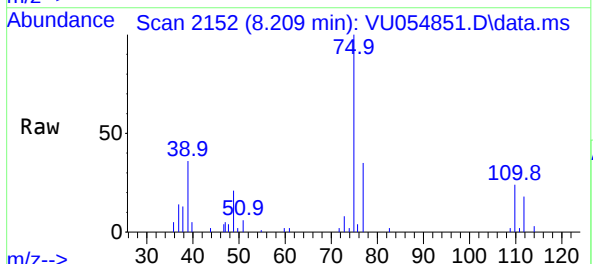
Acq: 24 Jul 2023 11:23

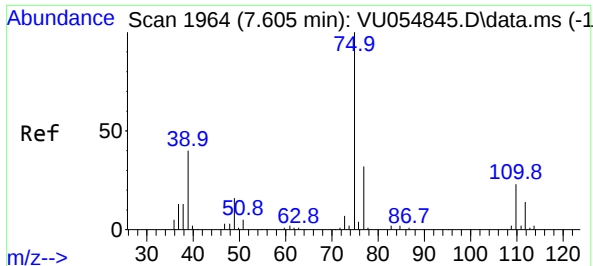
Tgt Ion: 75 Resp: 15721

Ion Ratio Lower Upper

75 100

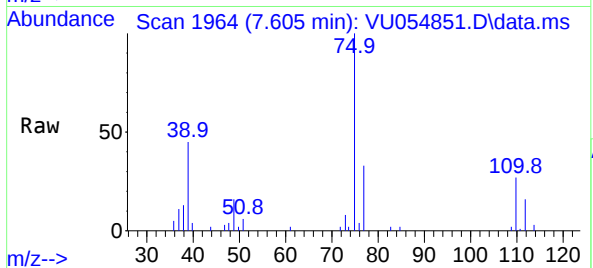
77 33.8 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 2.029 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054851.D
 Acq: 24 Jul 2023 11:23

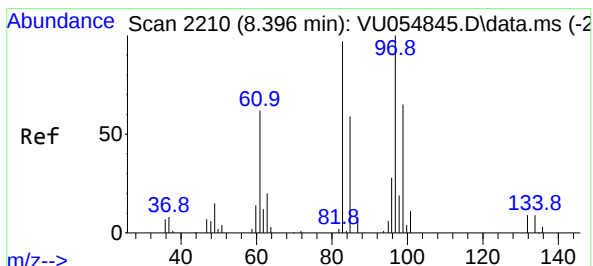
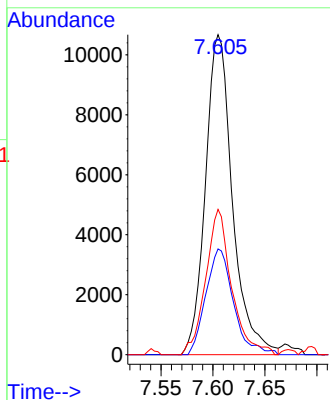
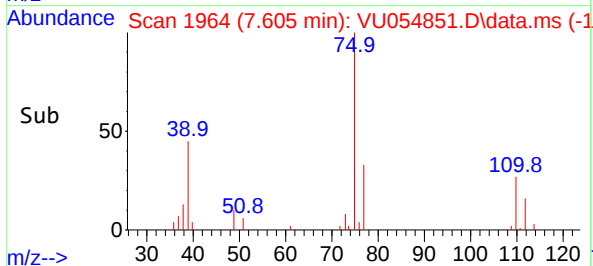
Instrument : MSVOA_U
 ClientSampleId : VU0724WBS01



Tgt Ion: 75 Resp: 19329
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.8
 39 45.4 31.7 47.5

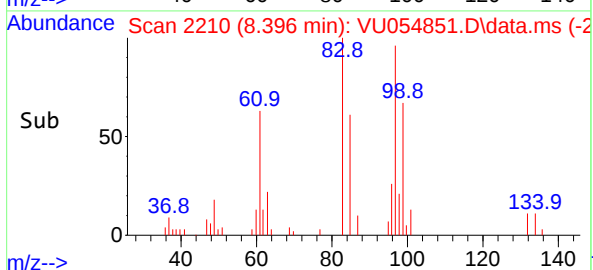
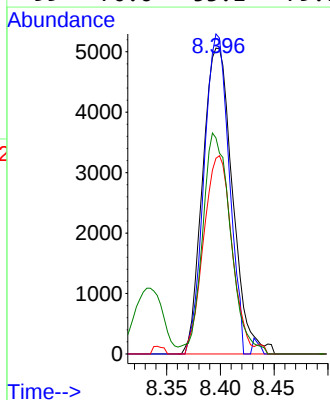
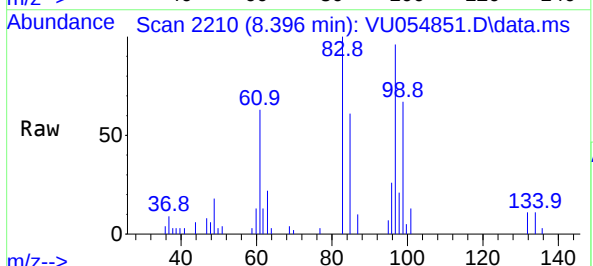
Manual Integrations
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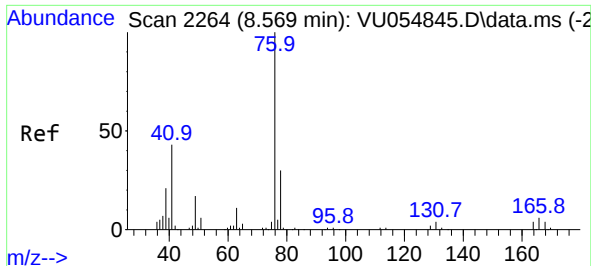
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.008 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU054851.D
 Acq: 24 Jul 2023 11:23

Tgt Ion: 97 Resp: 9771
 Ion Ratio Lower Upper
 97 100
 83 104.6 77.4 116.2
 85 64.0 47.8 71.8
 99 70.6 53.1 79.7





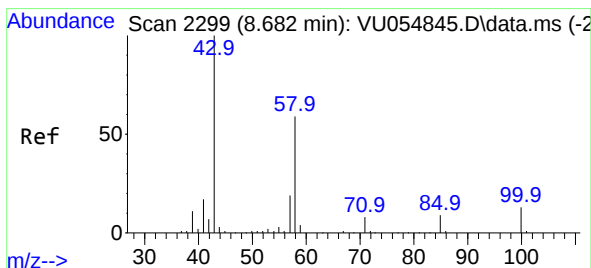
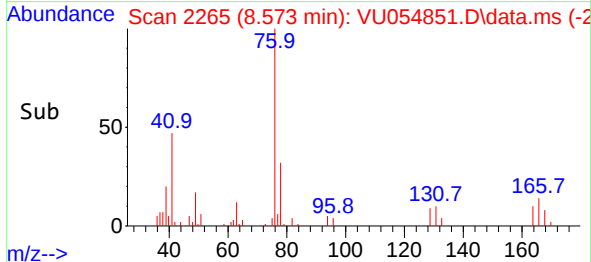
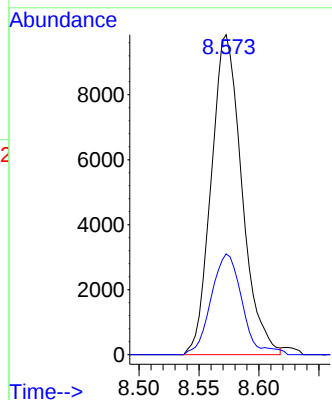
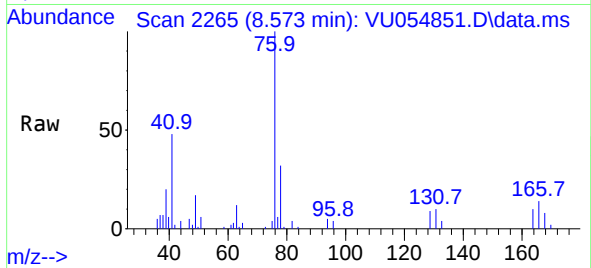
#53
1,3-Dichloropropane
Concen: 2.131 ug/l
RT: 8.573 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 76 Resp: 17478
Ion Ratio Lower Upper
76 100
78 31.8 24.6 36.8

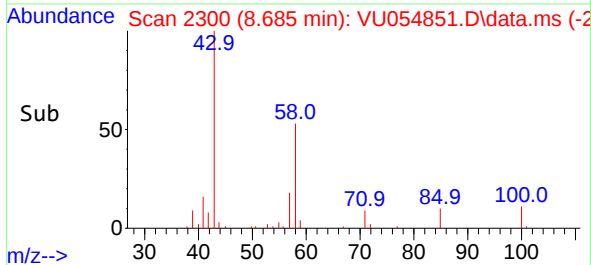
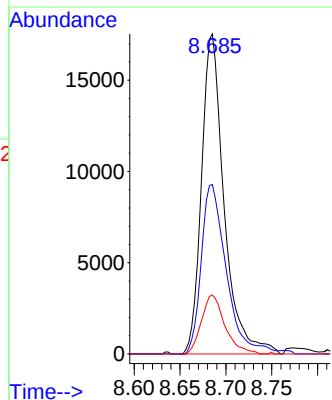
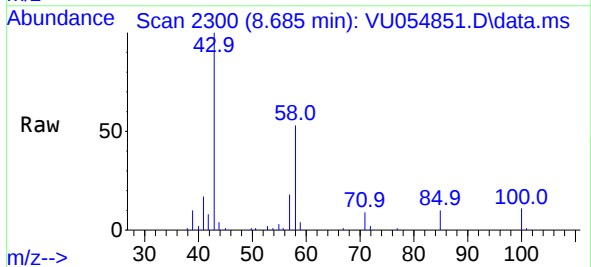
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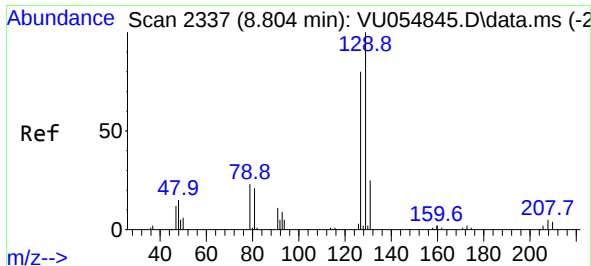
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
2-Hexanone
Concen: 11.295 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

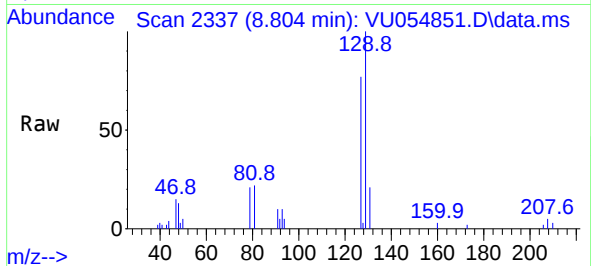
Tgt Ion: 43 Resp: 30062
Ion Ratio Lower Upper
43 100
58 58.5 38.9 78.9
57 19.2 0.0 38.7





#55
Dibromochloromethane
Concen: 2.070 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

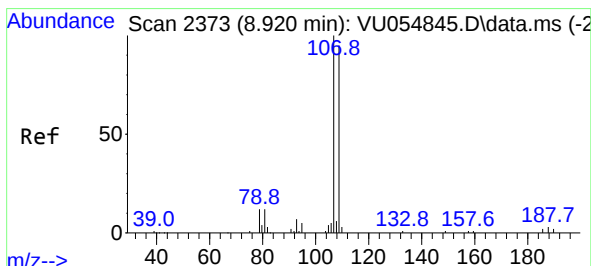
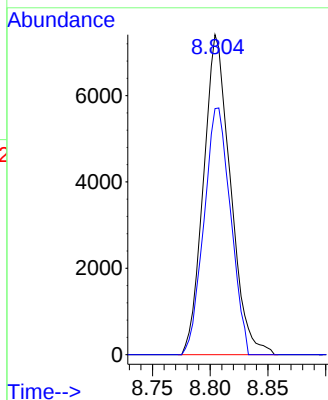
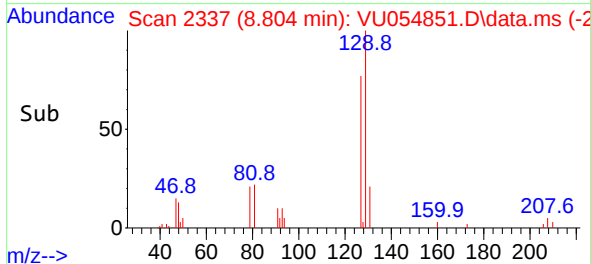
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



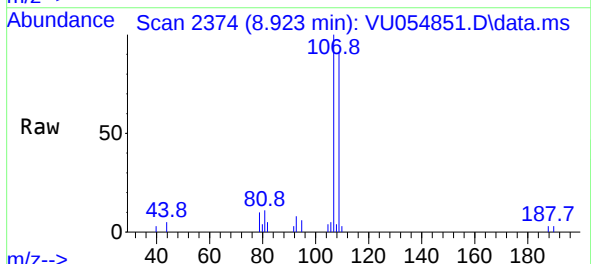
Tgt Ion:129 Resp: 12030
Ion Ratio Lower Upper
129 100
127 75.9 61.4 92.0

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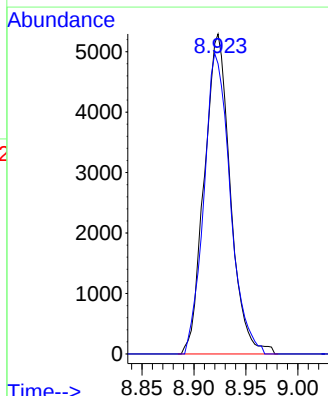
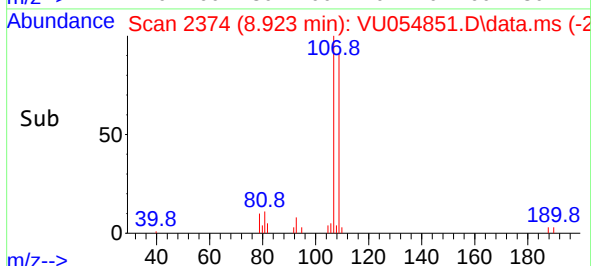
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

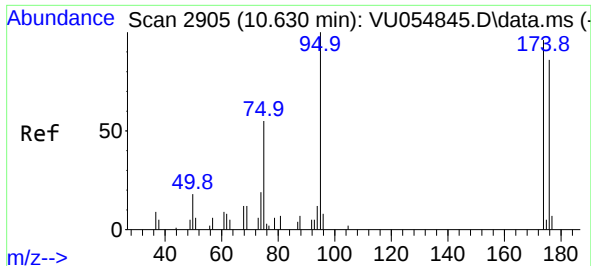


#56
1,2-Dibromoethane
Concen: 2.161 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



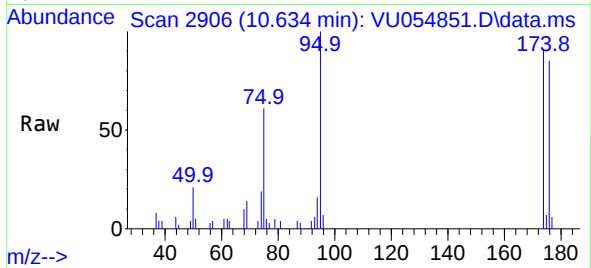
Tgt Ion:107 Resp: 9201
Ion Ratio Lower Upper
107 100
109 95.0 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.991 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

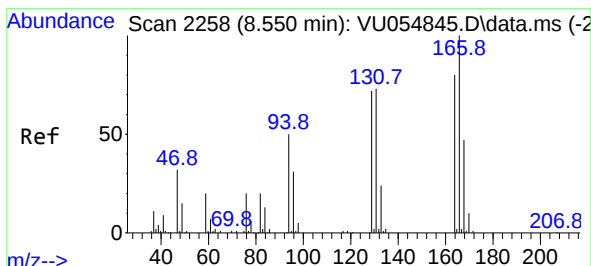
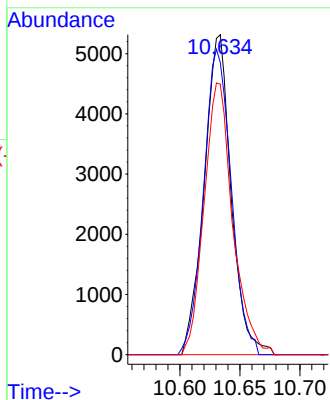
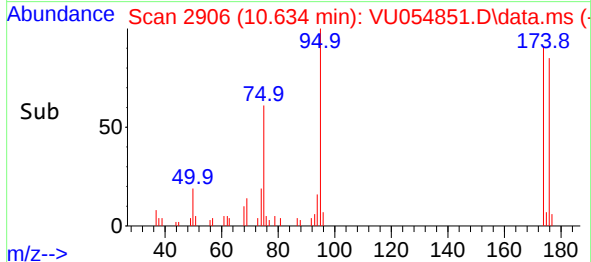
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



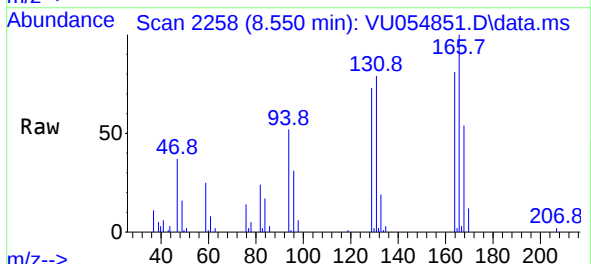
Tgt Ion: 95 Resp: 832
Ion Ratio Lower Upper
95 100
174 97.9 79.3 118.9
176 90.0 71.5 107.3

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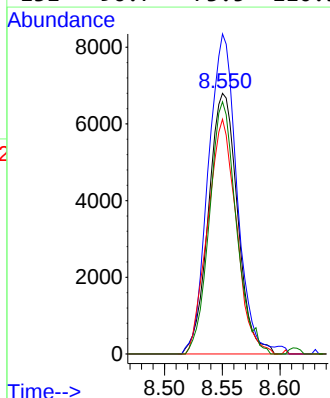
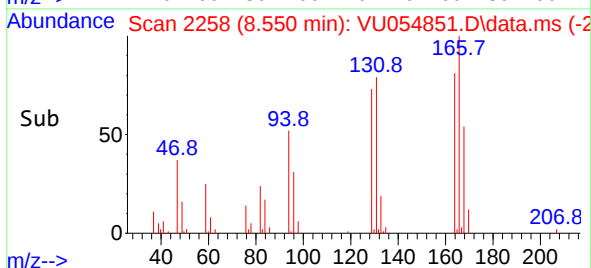
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

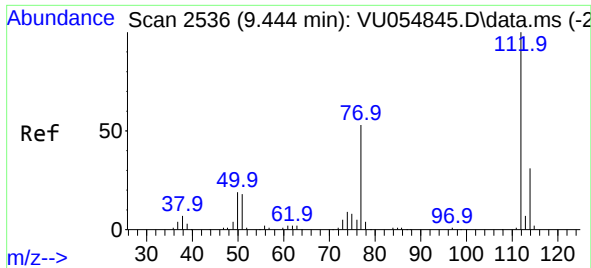


#58
Tetrachloroethene
Concen: 2.098 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion:164 Resp: 11867
Ion Ratio Lower Upper
164 100
166 122.8 100.4 150.6
129 90.1 71.9 107.9
131 96.7 73.5 110.3





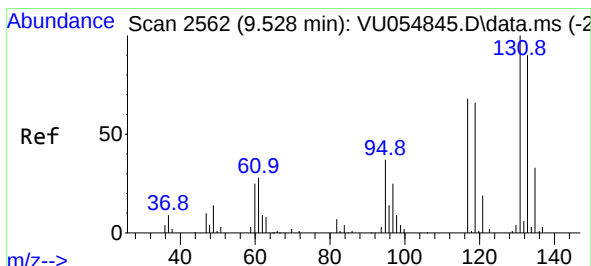
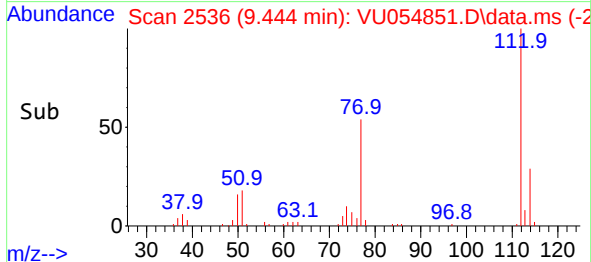
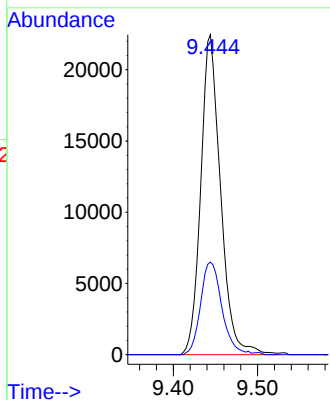
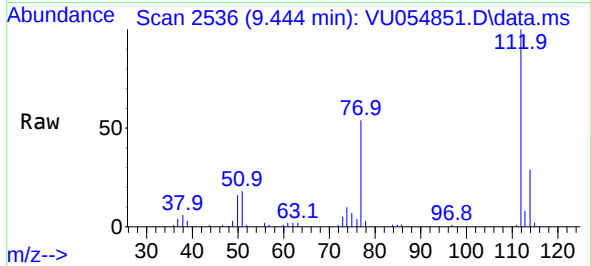
#59
Chlorobenzene
Concen: 2.016 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:112 Resp: 36830
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.6

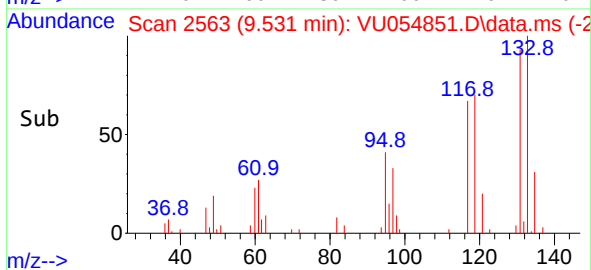
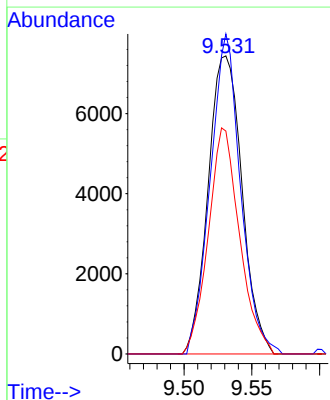
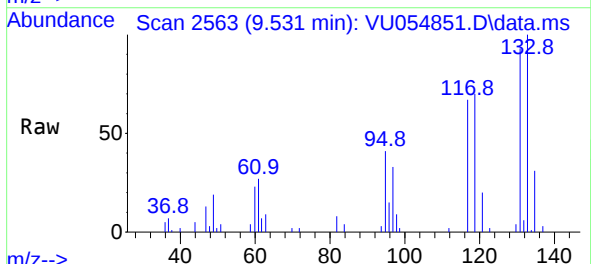
Manual Integrations
APPROVED

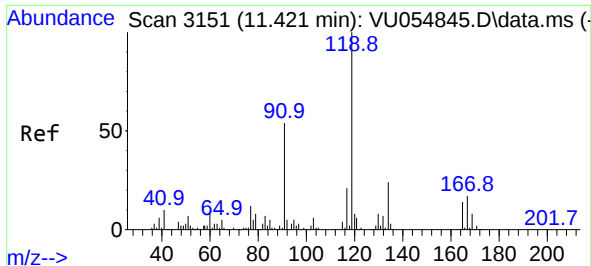
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.006 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:131 Resp: 12940
Ion Ratio Lower Upper
131 100
133 96.2 74.2 111.4
119 69.9 51.0 76.4





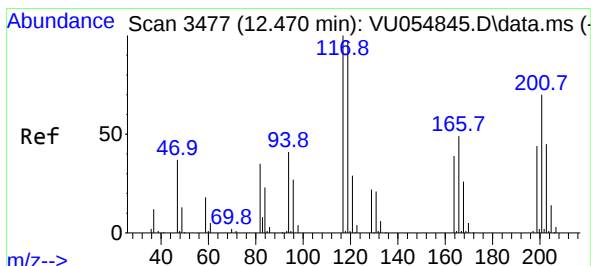
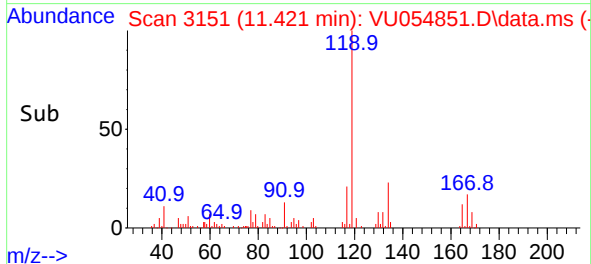
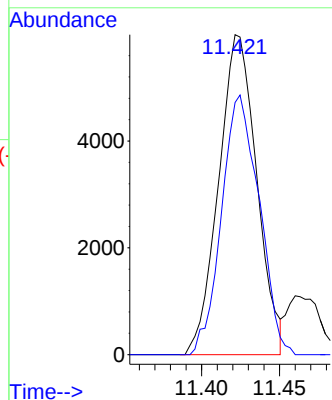
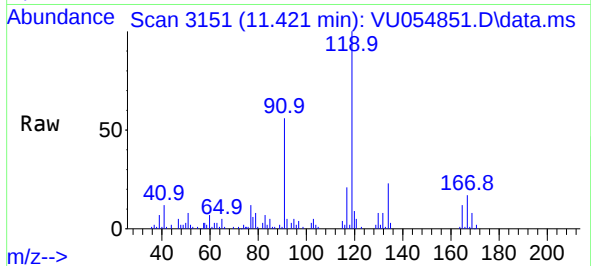
#61
Pentachloroethane
Concen: 2.005 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:117 Resp: 1018
Ion Ratio Lower Upper
117 100
167 80.1 65.3 97.9

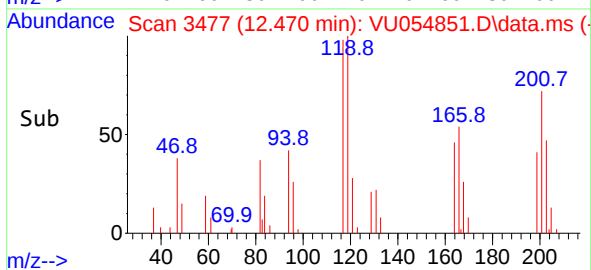
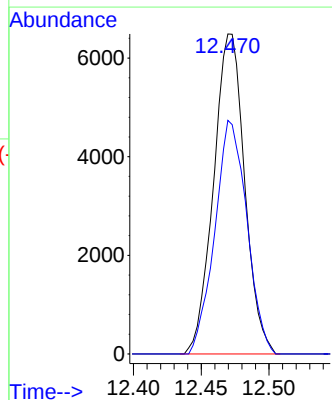
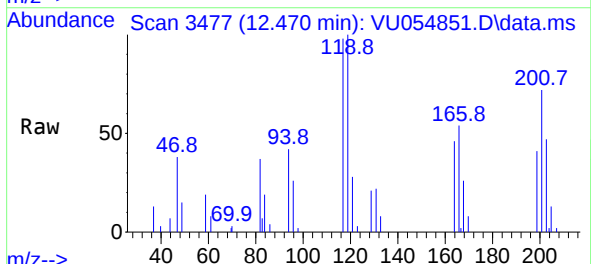
Manual Integrations
APPROVED

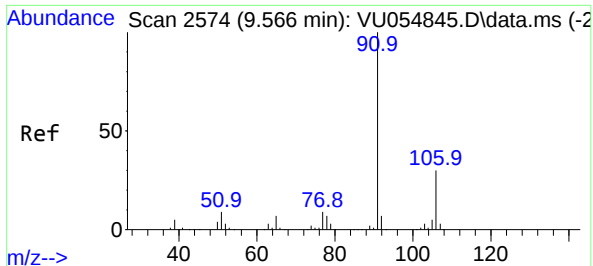
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 1.984 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:117 Resp: 10349
Ion Ratio Lower Upper
117 100
201 75.1 56.1 84.1





#63

Ethyl Benzene

Concen: 2.002 ug/l

RT: 9.566 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054851.D

Acq: 24 Jul 2023 11:23

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tgt Ion: 91 Resp: 6236

Ion Ratio Lower Upper

91 100

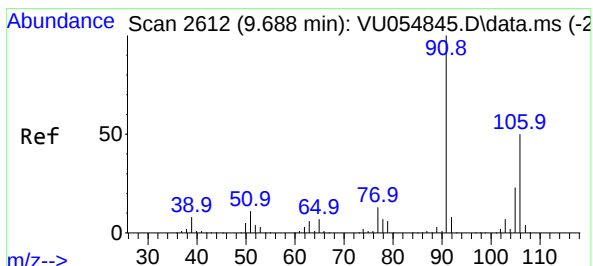
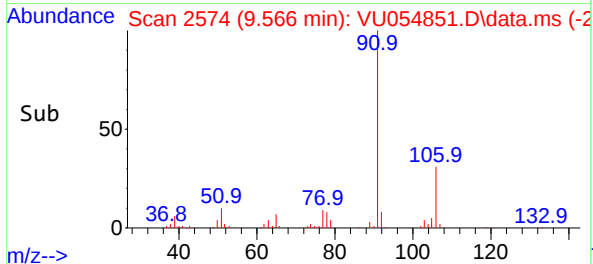
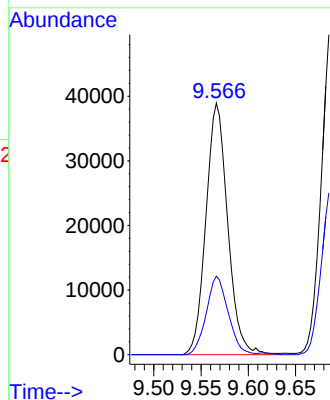
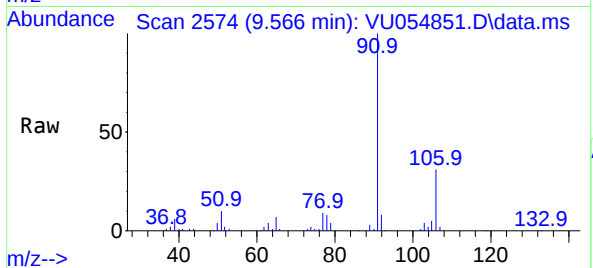
106 31.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

m/p-Xylenes

Concen: 4.007 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU054851.D

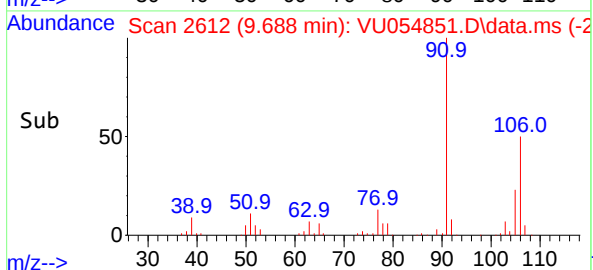
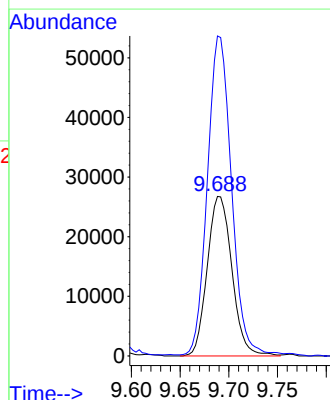
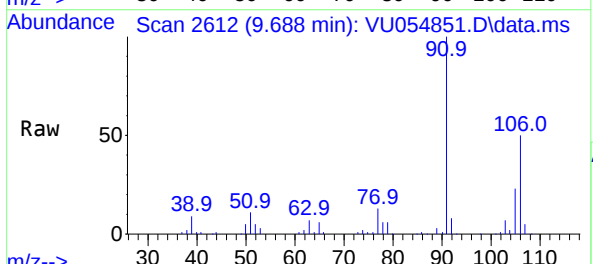
Acq: 24 Jul 2023 11:23

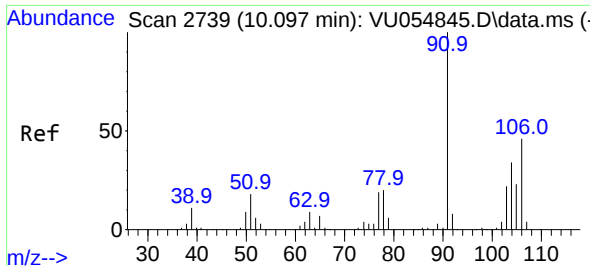
Tgt Ion:106 Resp: 47184

Ion Ratio Lower Upper

106 100

91 197.2 158.8 238.2





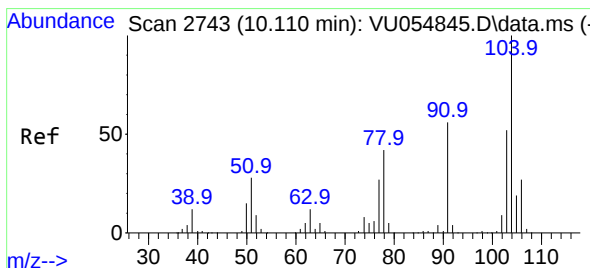
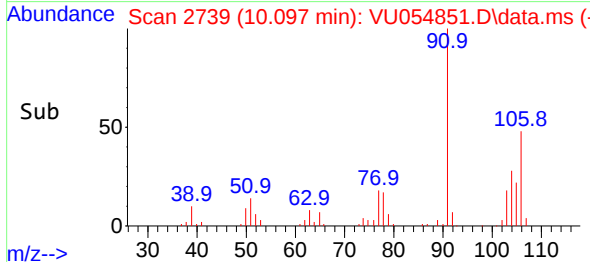
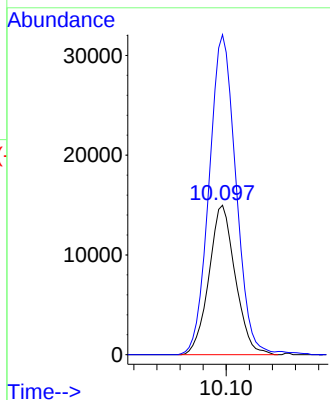
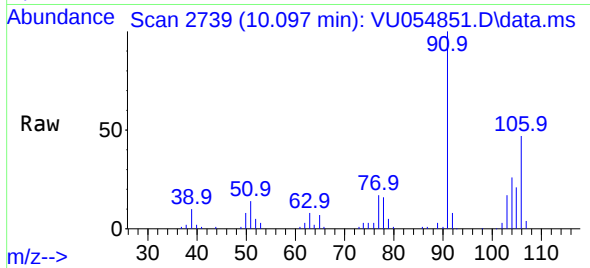
#65
o-Xylene
Concen: 1.997 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:106 Resp: 23689
Ion Ratio Lower Upper
106 100
91 217.5 108.9 326.8

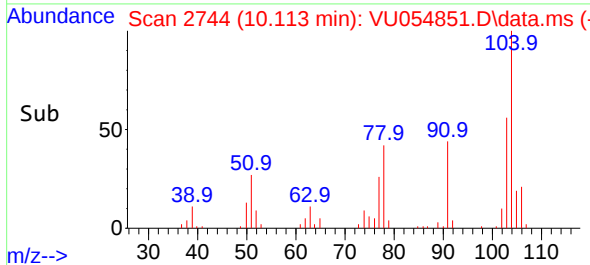
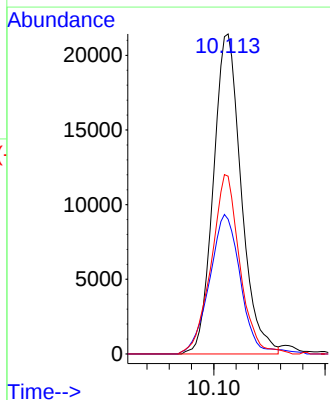
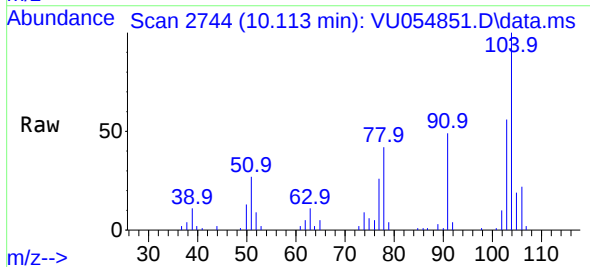
Manual Integrations
APPROVED

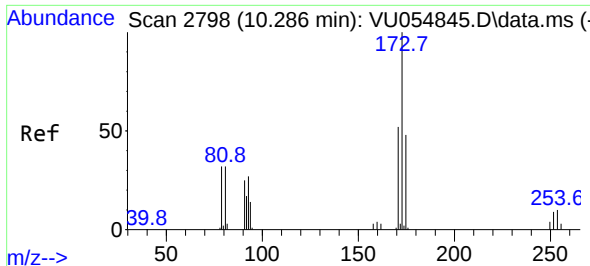
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 1.955 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:104 Resp: 37254
Ion Ratio Lower Upper
104 100
78 48.7 37.5 56.3
103 57.4 45.2 67.8





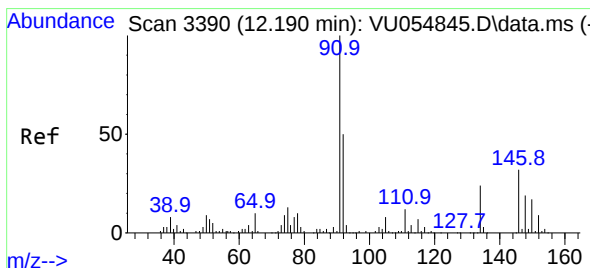
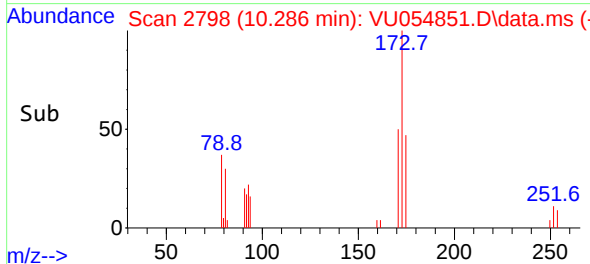
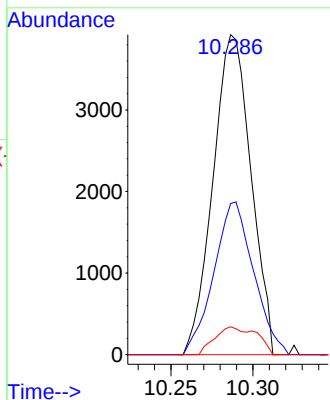
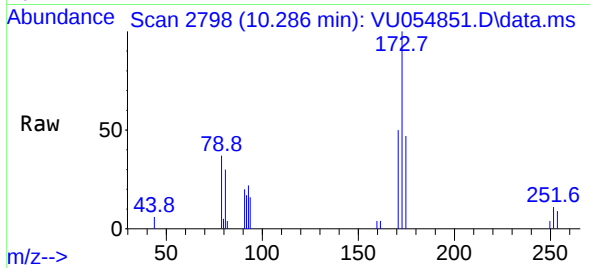
#67
Bromoform
Concen: 2.012 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:173 Resp: 630
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.6
254 9.6 7.4 11.0

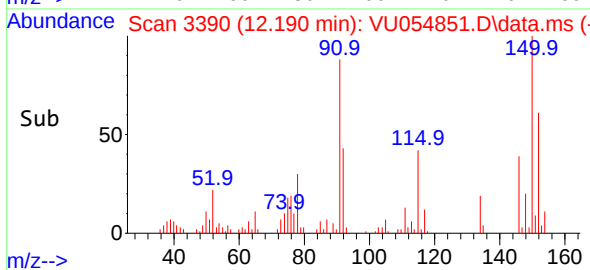
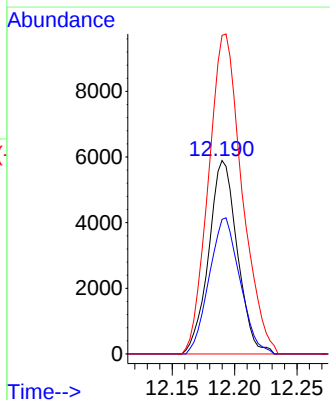
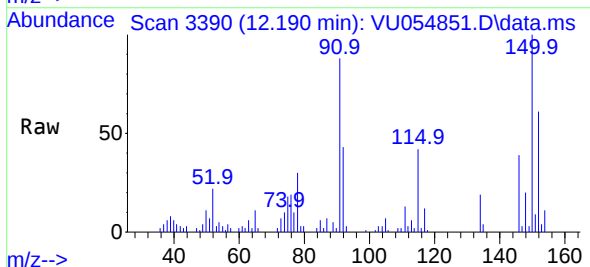
Manual Integrations
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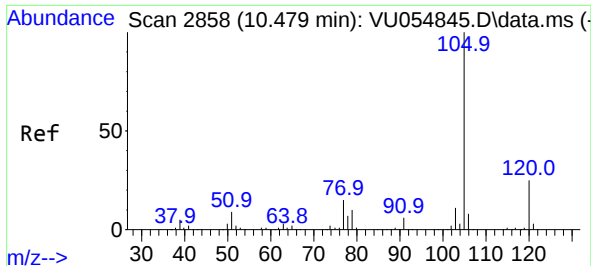
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.970 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:152 Resp: 9433
Ion Ratio Lower Upper
152 100
115 75.6 0.0 234.8
150 193.0 0.0 598.2





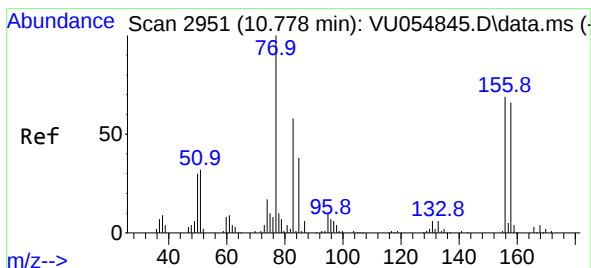
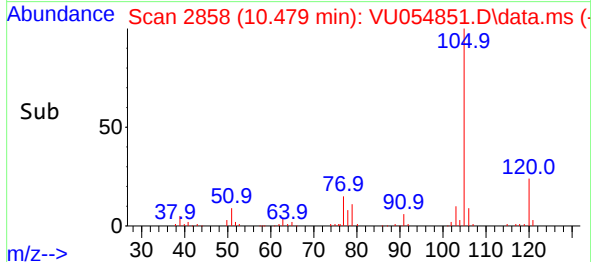
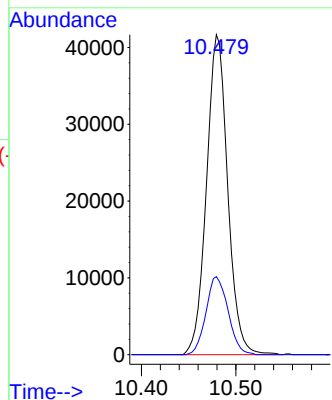
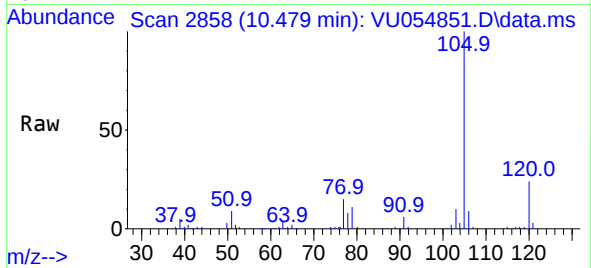
#69
Isopropylbenzene
Concen: 2.016 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument : MSVOA_U
ClientSampleId : VU0724WBS01

Tgt Ion:105 Resp: 6486
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6

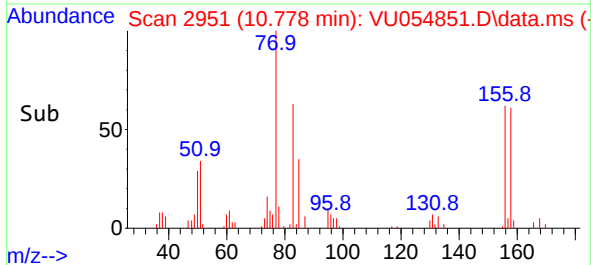
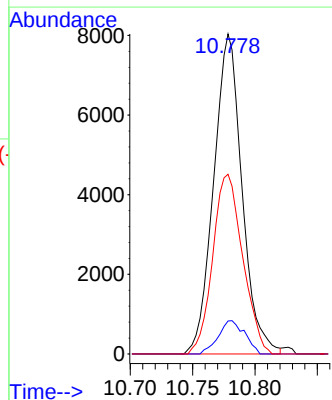
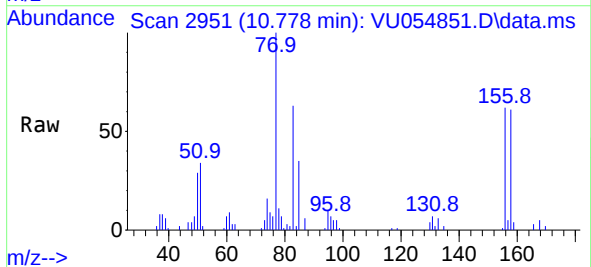
Manual Integrations
APPROVED

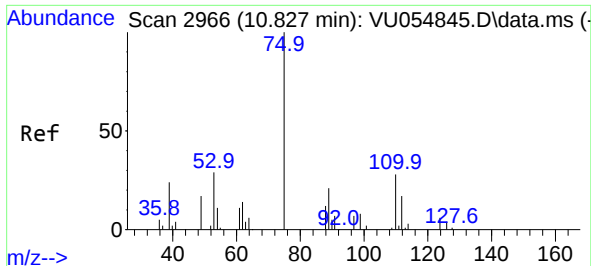
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 2.096 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

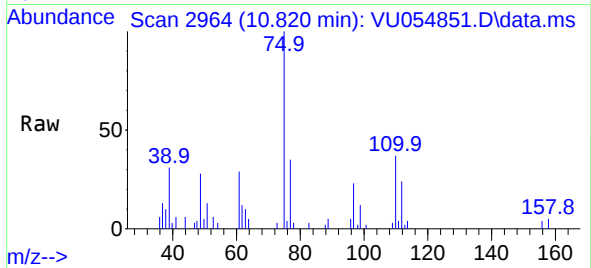
Tgt Ion: 83 Resp: 12722
Ion Ratio Lower Upper
83 100
131 9.7 7.5 11.3
85 59.3 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 1.621 ug/l m
RT: 10.820 min Scan# 2966
Delta R.T. -0.006 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

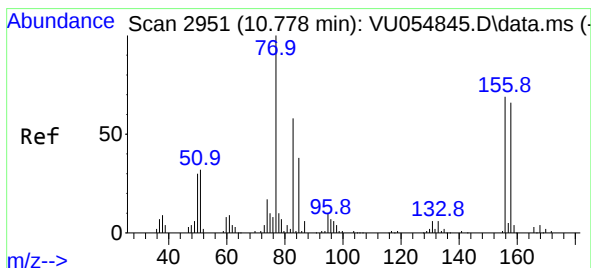
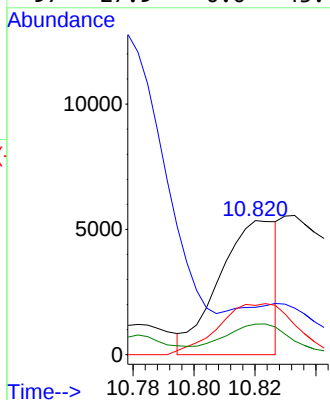
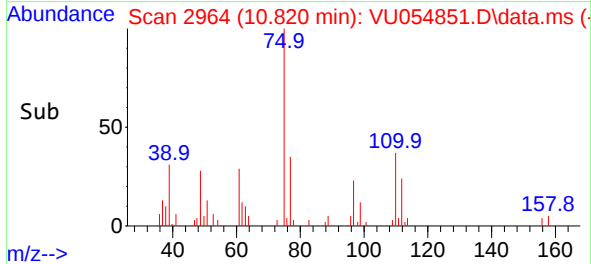
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



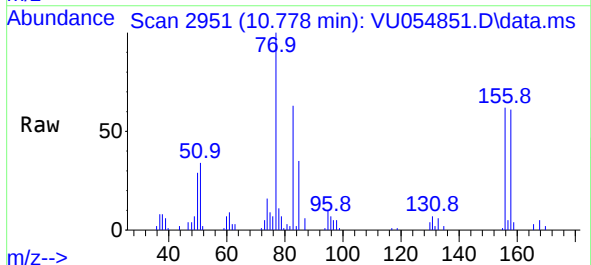
Tgt Ion: 75 Resp: 6938
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 51.3 0.0 80.8
97 27.9 0.0 43.4

Manual Integrations
APPROVED

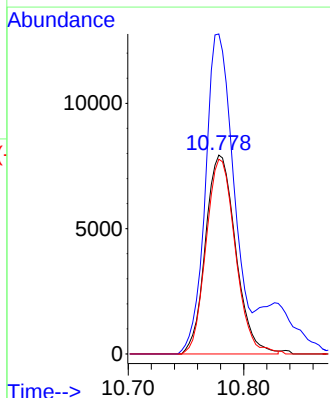
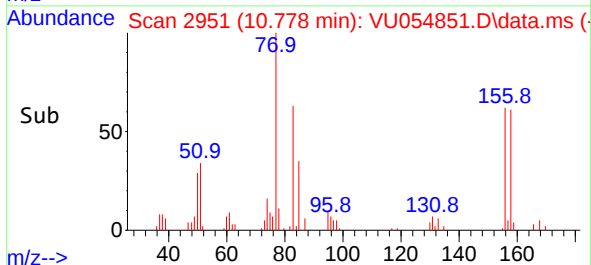
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

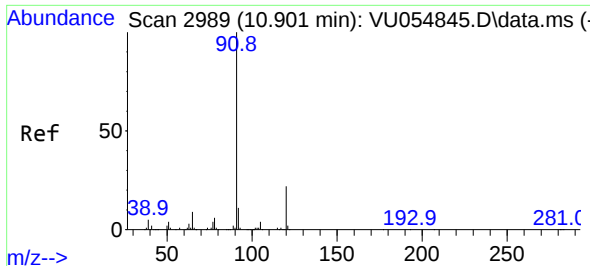


#72
Bromobenzene
Concen: 1.940 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion:156 Resp: 14402
Ion Ratio Lower Upper
156 100
77 150.6 0.0 293.2
158 95.2 0.0 189.8





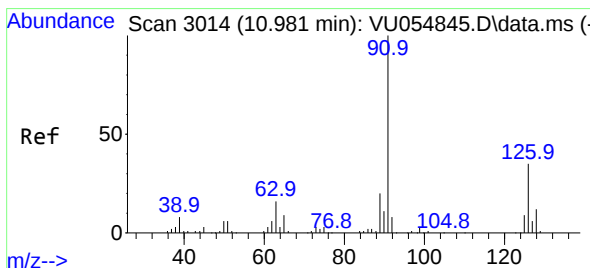
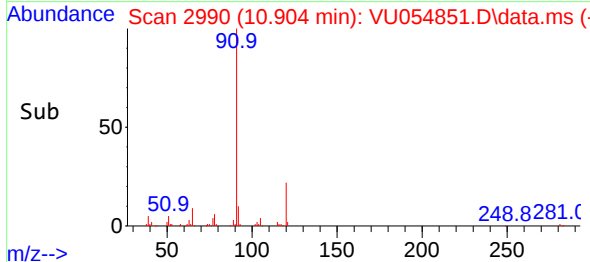
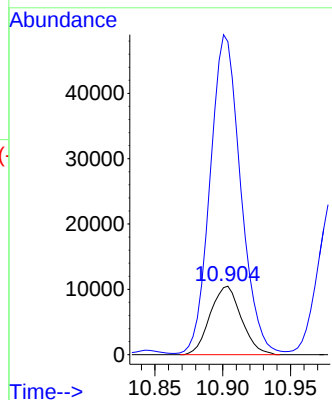
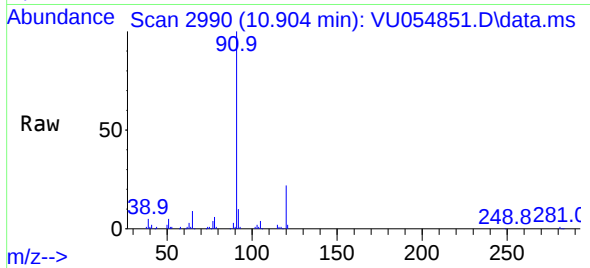
#73
n-propylbenzene
Concen: 1.942 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:120 Resp: 1678
Ion Ratio Lower Upper
120 100
91 454.0 361.8 542.6

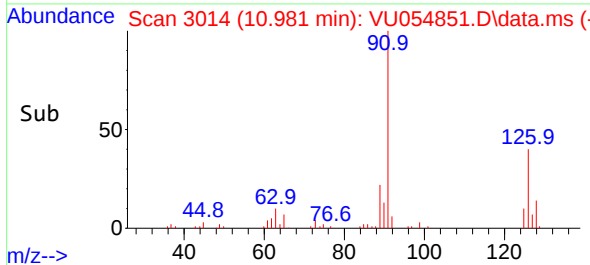
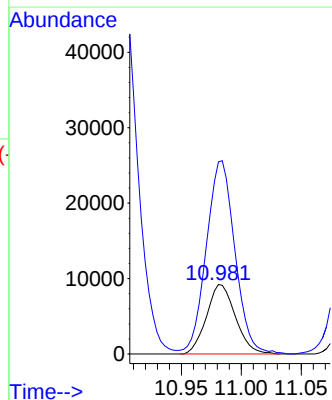
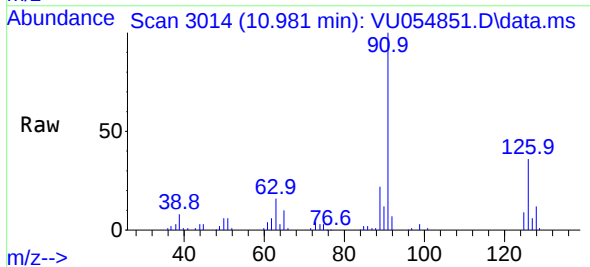
Manual Integrations
APPROVED

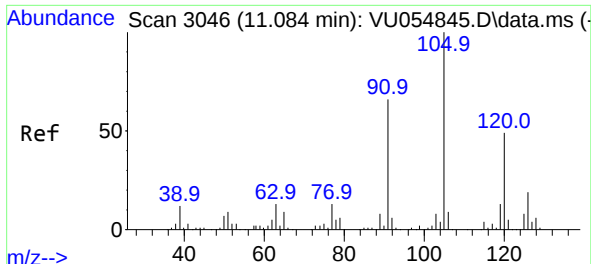
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 2.047 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:126 Resp: 15413
Ion Ratio Lower Upper
126 100
91 276.6 0.0 561.4





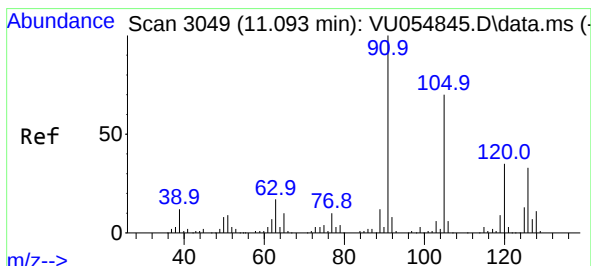
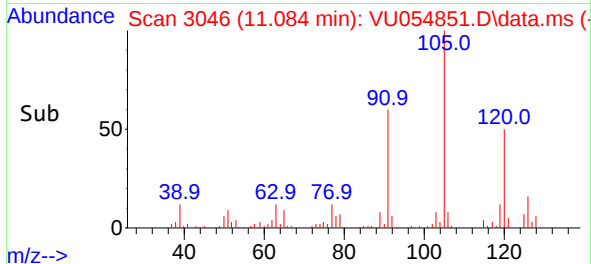
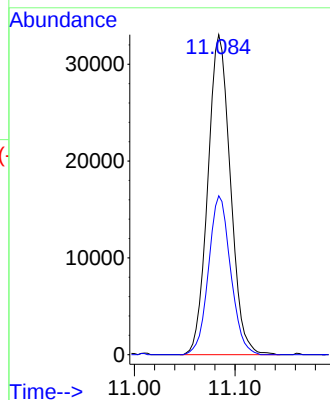
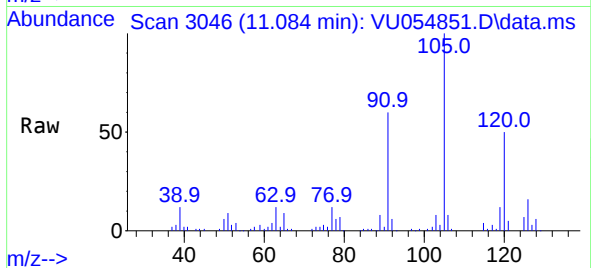
#75
1,3,5-Trimethylbenzene
Concen: 1.966 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:105 Resp: 5155
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.4

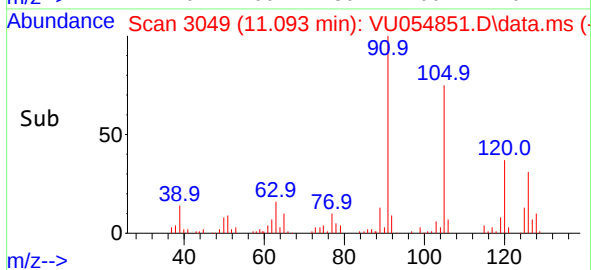
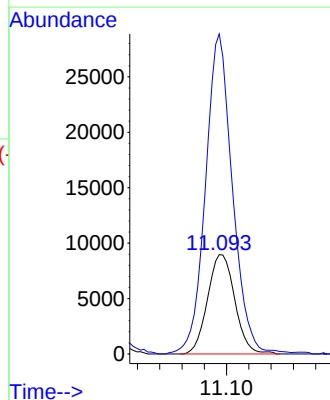
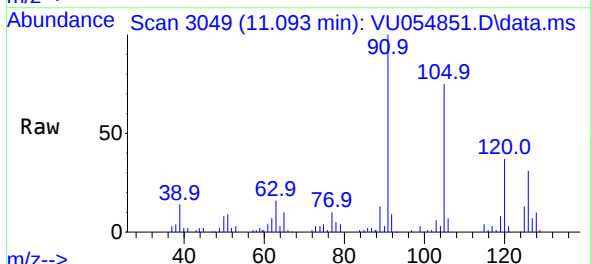
Manual Integrations
APPROVED

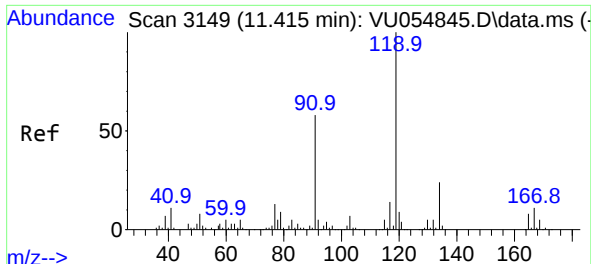
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 1.966 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:126 Resp: 15214
Ion Ratio Lower Upper
126 100
91 318.9 0.0 623.4





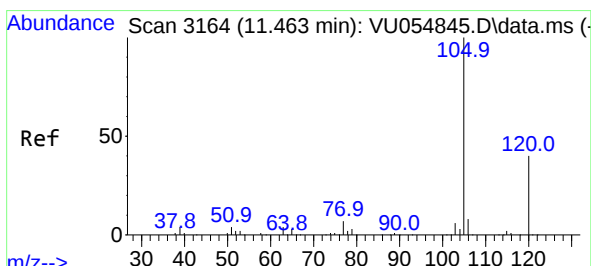
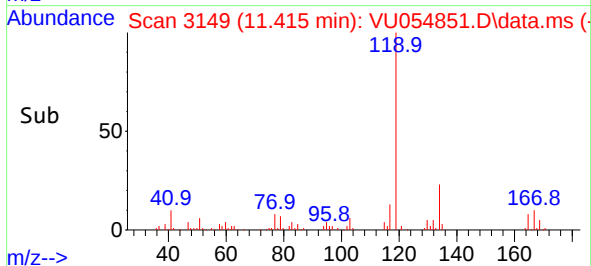
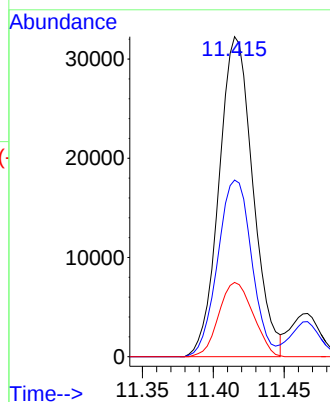
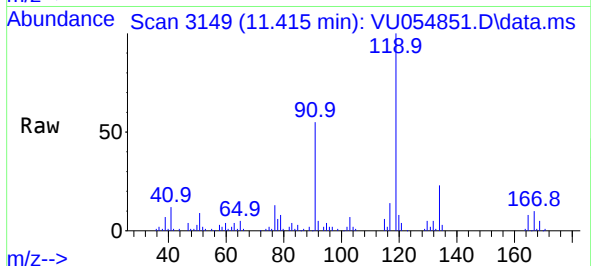
#77
tert-Butylbenzene
Concen: 1.990 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:119 Resp: 53740
Ion Ratio Lower Upper
119 100
91 55.4 27.7 83.1
134 23.5 18.6 27.8

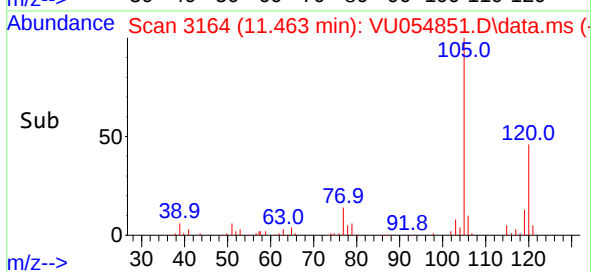
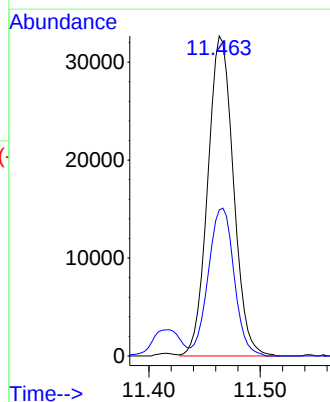
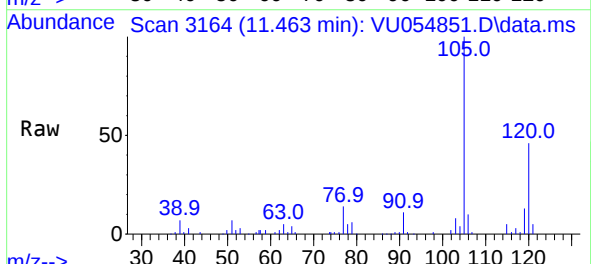
Manual Integrations
APPROVED

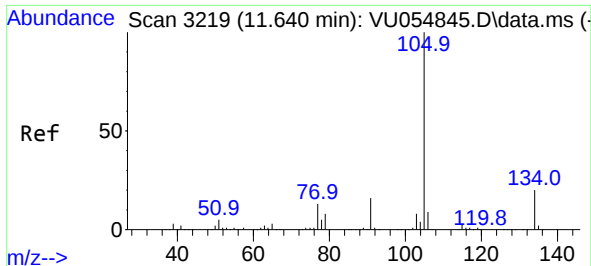
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.986 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

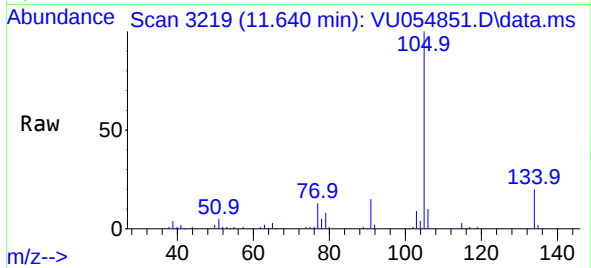
Tgt Ion:105 Resp: 52364
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 1.986 ug/l
 RT: 11.640 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU054851.D
 Acq: 24 Jul 2023 11:23

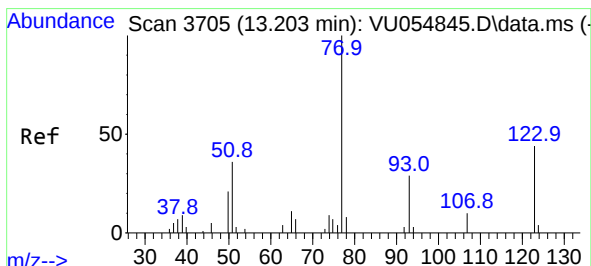
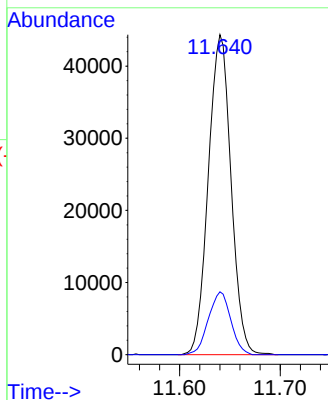
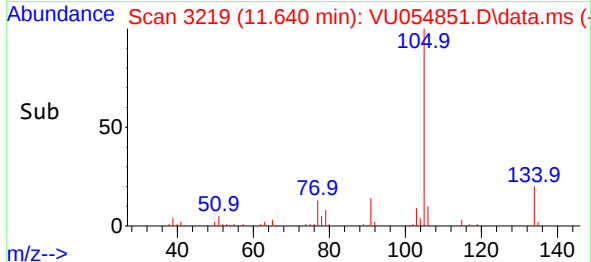
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01



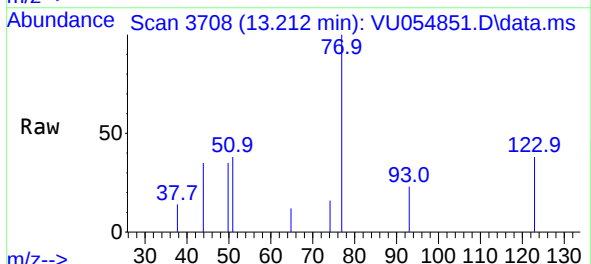
Tgt Ion:105 Resp: 6957
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

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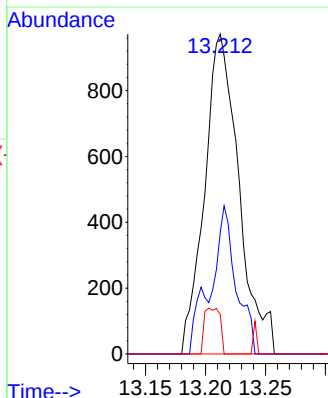
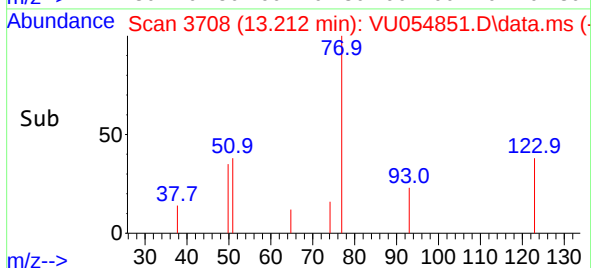
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023

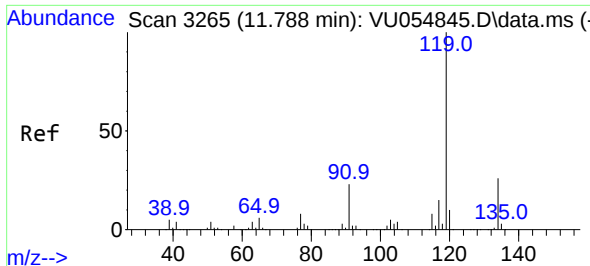


#80
 Nitrobenzene
 Concen: 11.277 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.009 min
 Lab File: VU054851.D
 Acq: 24 Jul 2023 11:23



Tgt Ion: 77 Resp: 1933
 Ion Ratio Lower Upper
 77 100
 123 17.5 20.2 71.8#
 65 1.0 11.7 14.9#





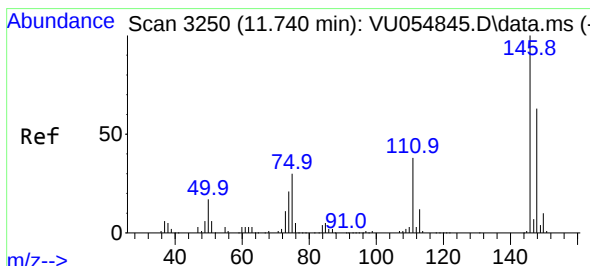
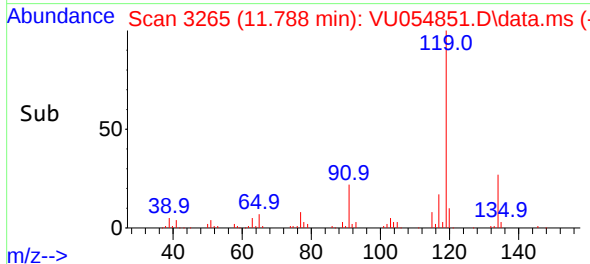
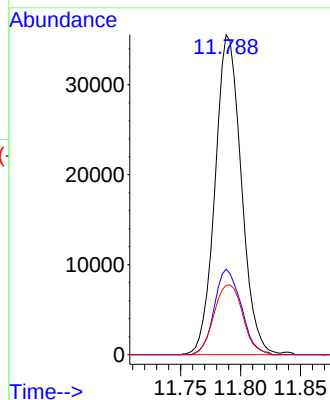
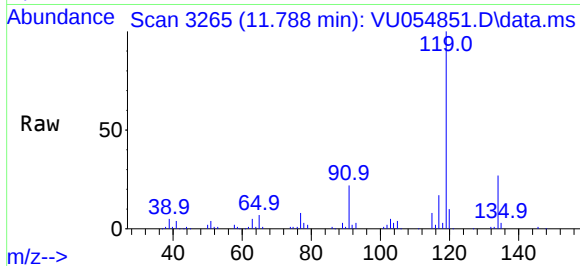
#81
p-Isopropyltoluene
Concen: 1.893 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:119 Resp: 5401
Ion Ratio Lower Upper
119 100
134 27.3 20.6 31.0
91 24.0 18.2 27.4

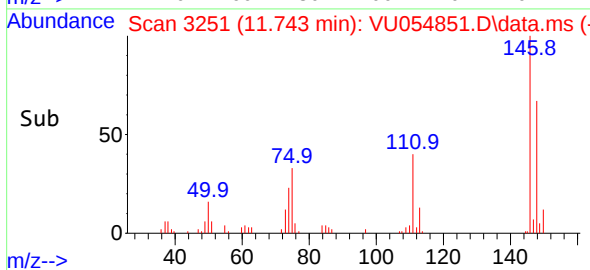
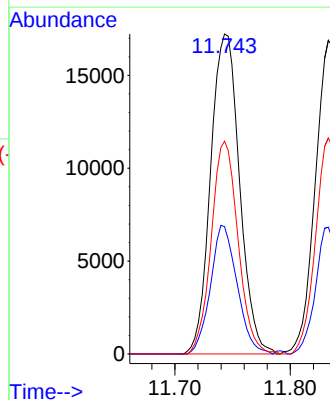
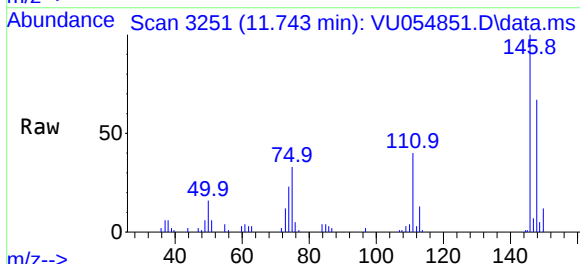
Manual Integrations
APPROVED

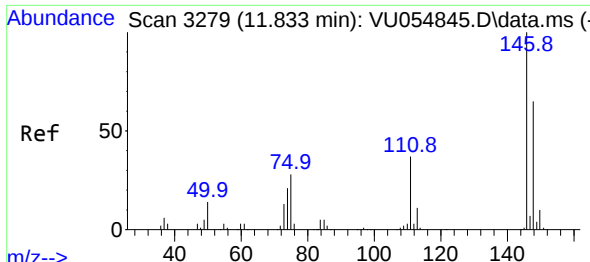
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 2.016 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

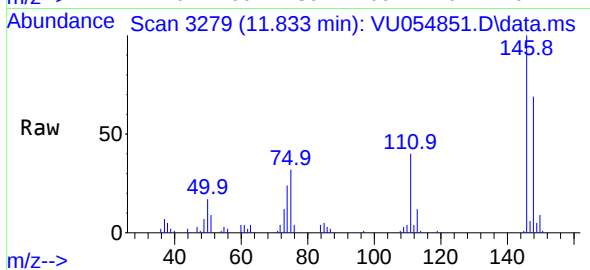
Tgt Ion:146 Resp: 29969
Ion Ratio Lower Upper
146 100
111 37.0 30.5 45.7
148 61.6 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 1.924 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

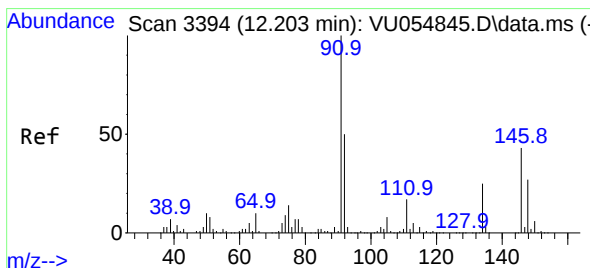
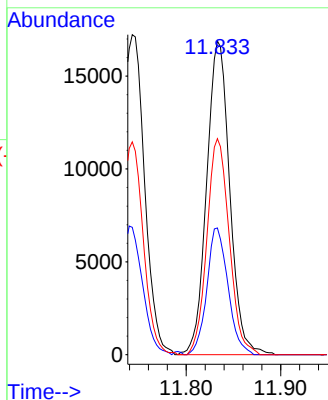
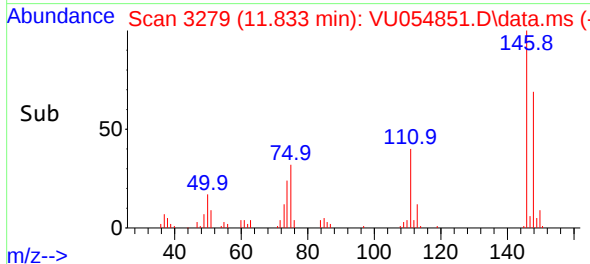
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



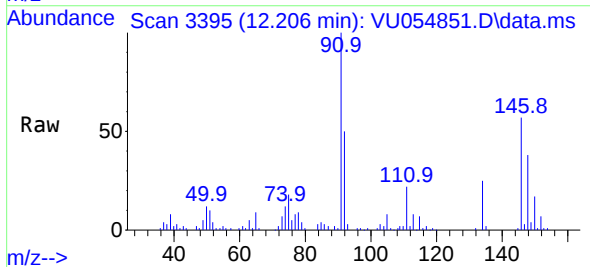
Tgt Ion:146 Resp: 28679
Ion Ratio Lower Upper
146 100
111 36.9 29.5 44.3
148 66.5 51.2 76.8

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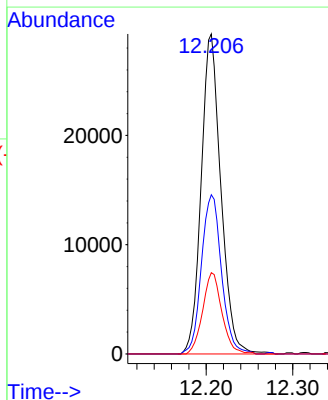
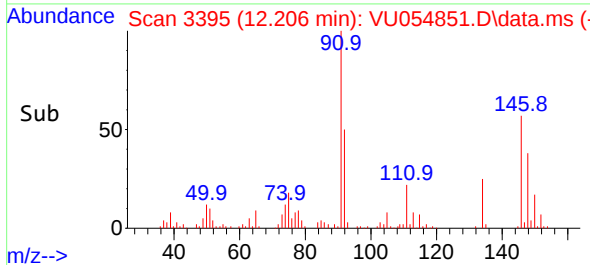
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

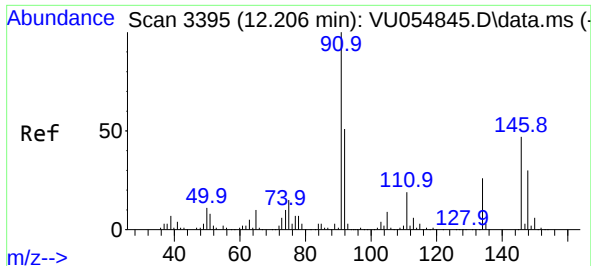


#84
n-Butylbenzene
Concen: 1.760 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion: 91 Resp: 46216
Ion Ratio Lower Upper
91 100
92 50.8 39.8 59.8
134 24.9 20.2 30.4





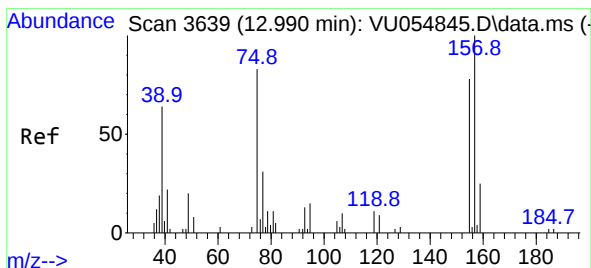
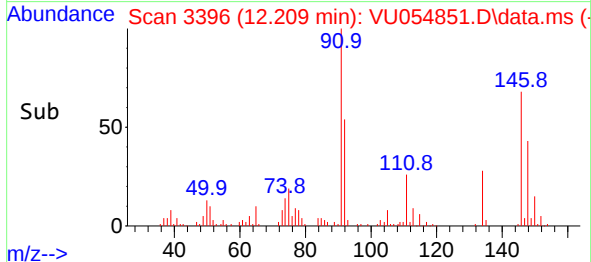
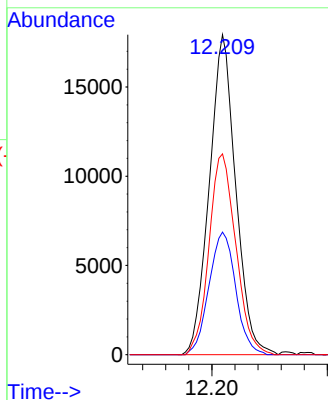
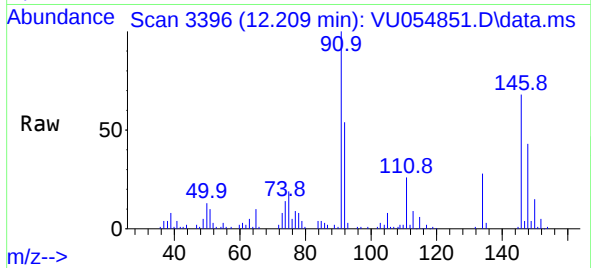
#85
1,2-Dichlorobenzene
Concen: 2.008 ug/l
RT: 12.209 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion:146 Resp: 2842
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.4
148 64.0 31.8 95.3

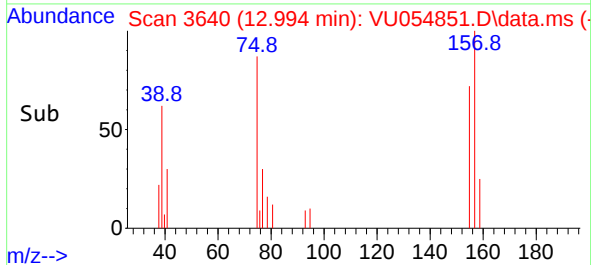
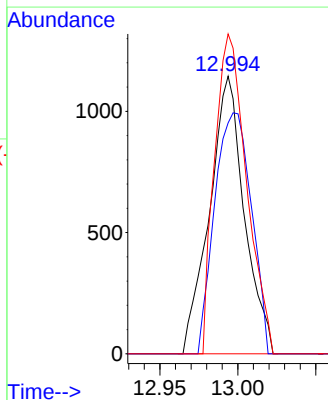
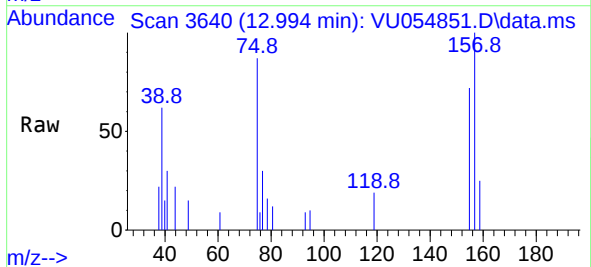
Manual Integrations
APPROVED

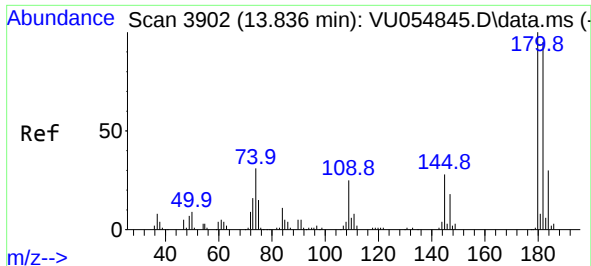
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.330 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.004 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

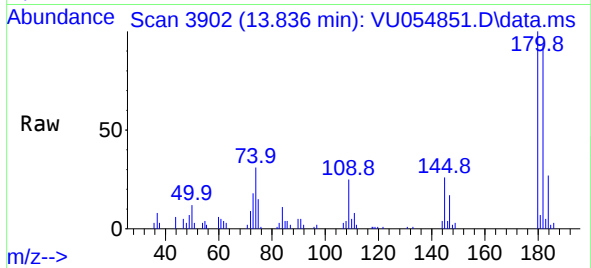
Tgt Ion: 75 Resp: 1779
Ion Ratio Lower Upper
75 100
155 91.3 74.8 112.2
157 105.8 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 1.844 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

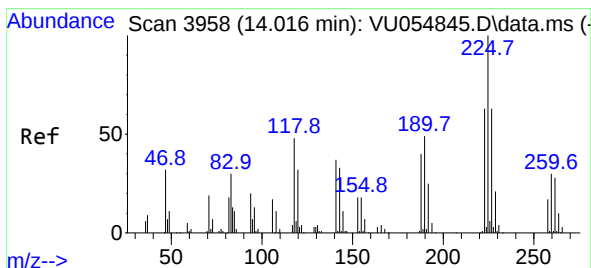
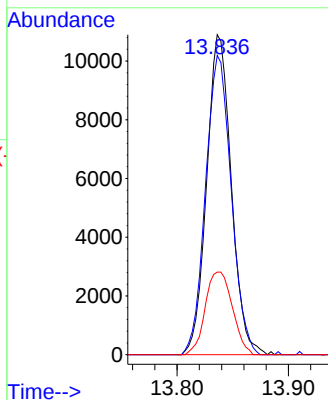
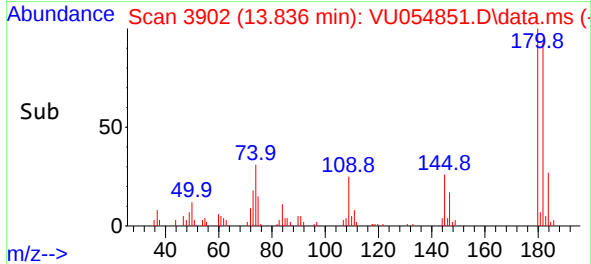
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01



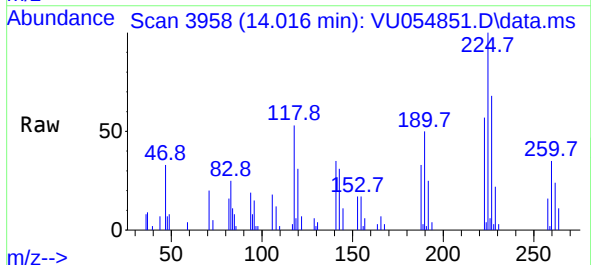
Tgt Ion:180 Resp: 16739
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.6
145 28.5 23.4 35.0

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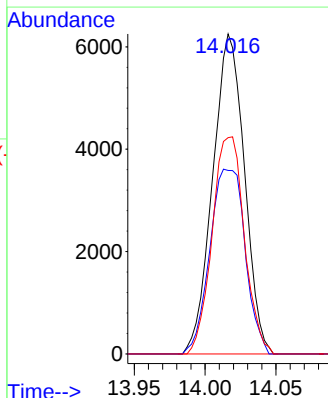
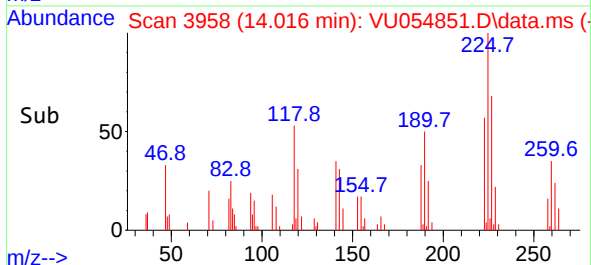
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

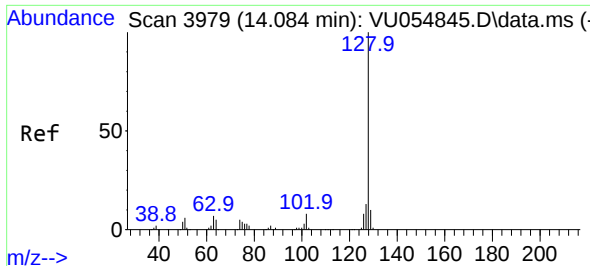


#88
Hexachlorobutadiene
Concen: 2.011 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23



Tgt Ion:225 Resp: 9750
Ion Ratio Lower Upper
225 100
223 64.2 50.6 76.0
227 68.7 50.7 76.1





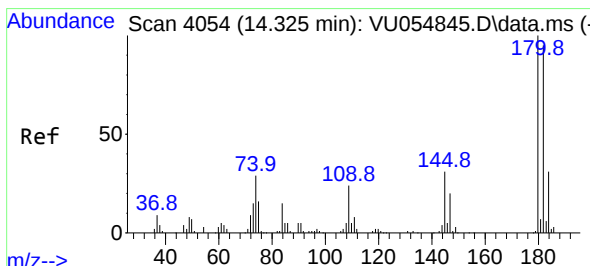
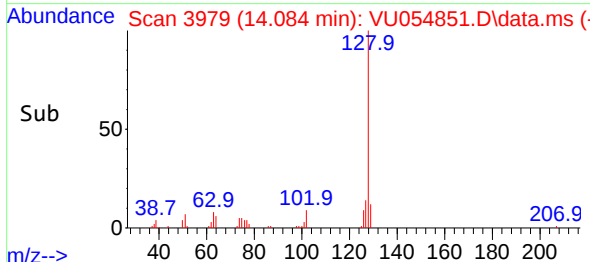
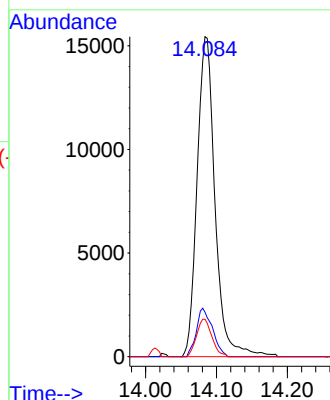
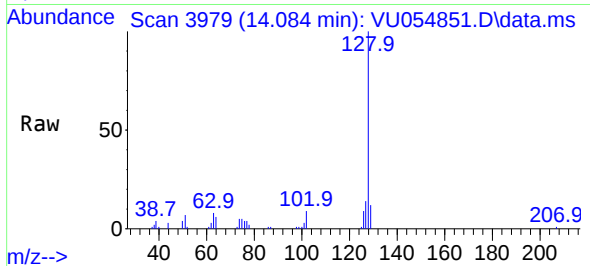
#89
Naphthalene
Concen: 1.844 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Instrument : MSVOA_U
ClientSampleId : VU0724WBS01

Tgt Ion:128 Resp: 2706
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.0 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.841 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054851.D
Acq: 24 Jul 2023 11:23

Tgt Ion:180 Resp: 14437
Ion Ratio Lower Upper
180 100
182 100.9 76.0 114.0
145 32.9 24.3 36.5

