

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054860.D
 Acq On : 24 Jul 2023 15:28
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 05:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 25 05:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	25585	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7537	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.194	152	9333	1.043	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	2019	0.397	ug/l	96
3) Chloromethane	1.519	50	3039	0.514	ug/l	# 87
4) Vinyl Chloride	1.602	62	3910	0.515	ug/l	96
5) Bromomethane	1.856	94	2657	0.493	ug/l	87
6) Chloroethane	1.930	64	3324	0.463	ug/l	97
7) Trichlorofluoromethane	2.133	101	8077	0.439	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	2906	0.551	ug/l	92
9) 1,1-Dichloroethene	2.577	96	2420	0.550	ug/l	94
10) Iodomethane	2.715	142	3188	0.450	ug/l	94
11) Allyl Chloride	2.921	41	2229	0.432	ug/l	83
12) Acrylonitrile	3.352	53	705m	0.658	ug/l	
13) Acetone	2.654	43	2357m	2.567	ug/l	
14) Carbon Disulfide	2.789	76	3741	0.504	ug/l	# 88
15) Methylene Chloride	3.040	84	3656	0.445	ug/l	87
16) trans-1,2-Dichloroethene	3.348	96	2069	0.423	ug/l	87
17) 1,1-Dichloroethane	3.863	63	4590	0.443	ug/l	# 91
18) 2-Butanone	4.744	43	1653	1.231	ug/l	72
19) Cyclohexane	5.384	56	2794	0.466	ug/l	# 88
20) Methylcyclohexane	6.763	83	3785	0.476	ug/l	95
21) 2,2-Dichloropropane	4.654	77	4303	0.477	ug/l	# 76
22) cis-1,2-Dichloroethene	4.660	96	2544	0.411	ug/l	# 65
23) Diethyl Ether	2.377	59	3317	0.491	ug/l	97
24) tert-Butyl Alcohol	3.274	59	1878m	3.224	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	5859	0.436	ug/l	94
26) Bromochloromethane	4.975	128	1341	0.568	ug/l	# 65
27) Chloroform	5.091	83	5580	0.491	ug/l	87
28) 1,1,1-Trichloroethane	5.310	97	4383	0.459	ug/l	96
29) 1,1-Dichloropropene	5.531	75	3107	0.457	ug/l	# 87
30) Carbon Tetrachloride	5.522	117	2907	0.366	ug/l	# 93
31) Isopropyl Ether	3.988	45	8193	0.535	ug/l	96
32) Ethyl-t-butyl ether	4.503	59	7049	0.448	ug/l	95
33) Tert-Amyl methyl ether	5.937	73	7462	0.504	ug/l	99
34) Propionitrile	4.798	54	196	0.488	ug/l	# 53
35) Benzene	5.773	78	9921	0.449	ug/l	97
36) 1,2-Dichloroethane	5.795	62	2970	0.468	ug/l	# 89
37) Trichloroethene	6.538	130	2901	0.486	ug/l	87
38) 1,2-Dichloropropane	6.789	63	2692	0.422	ug/l	97
39) Methacrylonitrile	4.991	41	533m	0.373	ug/l	
40) Methyl acrylate	4.901	55	827m	0.339	ug/l	
41) Tetrahydrofuran	5.065	42	698m	0.826	ug/l	
42) 1-Chlorobutane	5.454	56	4484	0.488	ug/l	94
43) Dibromomethane	6.917	93	1271	0.428	ug/l	# 48
44) Bromodichloromethane	7.097	83	3883	0.478	ug/l	86

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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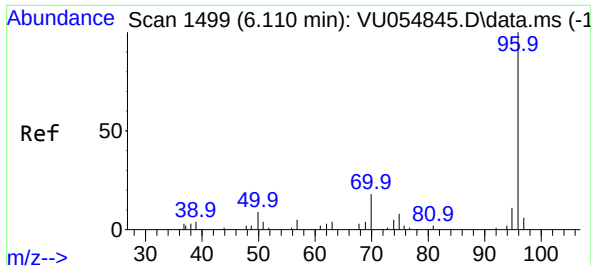
Quant Time: Jul 25 05:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	7610	2.167	ug/l	96
46) t-1,4-Dichloro-2-butene	10.834	75	1006m	0.684	ug/l	
47) Methyl methacrylate	6.972	69	2284	0.820	ug/l #	81
48) Ethyl methacrylate	8.329	69	2228	0.394	ug/l	82
49) Toluene	7.969	92	6650	0.472	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	2967	0.412	ug/l	91
51) cis-1,3-Dichloropropene	7.609	75	3808	0.435	ug/l #	90
52) 1,1,2-Trichloroethane	8.403	97	1928	0.431	ug/l #	87
53) 1,3-Dichloropropane	8.576	76	3576	0.474	ug/l	95
54) 2-Hexanone	8.689	43	4777	1.952	ug/l	97
55) Dibromochloromethane	8.811	129	2180	0.408	ug/l	98
56) 1,2-Dibromoethane	8.924	107	1632	0.417	ug/l	94
58) Tetrachloroethene	8.554	164	2486	0.478	ug/l #	83
59) Chlorobenzene	9.448	112	7584	0.451	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.531	131	2413	0.407	ug/l	97
61) Pentachloroethane	11.425	117	2049	0.439	ug/l	91
62) Hexachloroethane	12.473	117	2130	0.444	ug/l	91
63) Ethyl Benzene	9.570	91	12662	0.442	ug/l	96
64) m/p-Xylenes	9.689	106	9818	0.907	ug/l	96
65) o-Xylene	10.100	106	4872	0.447	ug/l	98
66) Styrene	10.113	104	7442	0.425	ug/l	98
67) Bromoform	10.290	173	1185	0.411	ug/l #	83
69) Isopropylbenzene	10.480	105	13104	0.443	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	2351	0.421	ug/l #	92
71) 1,2,3-Trichloropropane	10.824	75	1706m	0.434	ug/l	
72) Bromobenzene	10.782	156	3057	0.448	ug/l	97
73) n-propylbenzene	10.901	120	6200	0.780	ug/l	95
74) 2-Chlorotoluene	10.988	126	3151	0.455	ug/l	95
75) 1,3,5-Trimethylbenzene	11.088	105	10240	0.425	ug/l	100
76) 4-Chlorotoluene	11.097	126	2766	0.389	ug/l	76
77) tert-Butylbenzene	11.415	119	11439	0.461	ug/l	94
78) 1,2,4-Trimethylbenzene	11.467	105	10241	0.422	ug/l	97
79) sec-Butylbenzene	11.641	105	12830	0.398	ug/l	100
80) Nitrobenzene	13.235	77	323m	1.996	ug/l	
81) p-Isopropyltoluene	11.792	119	10029	0.382	ug/l	97
82) 1,3-Dichlorobenzene	11.747	146	6280	0.459	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	6138	0.448	ug/l	98
84) n-Butylbenzene	12.210	91	8651	0.358	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	5699	0.438	ug/l	95
87) 1,2,4-Trichlorobenzene	13.843	180	3485	0.418	ug/l	95
88) Hexachlorobutadiene	14.017	225	1726	0.387	ug/l	88
89) Naphthalene	14.094	128	5346	0.396	ug/l #	91
90) 1,2,3-Trichlorobenzene	14.329	180	2920	0.405	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

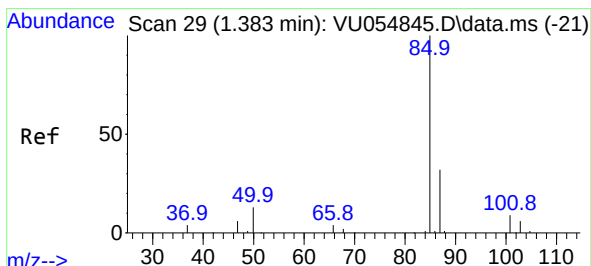
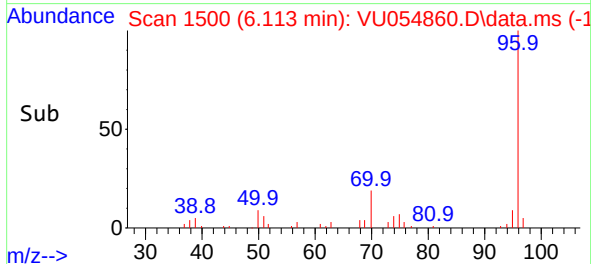
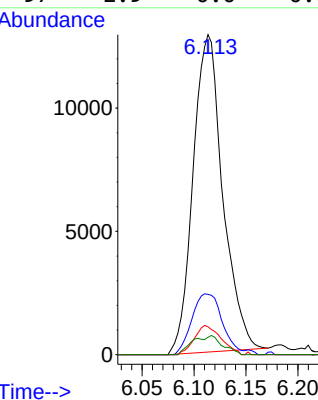
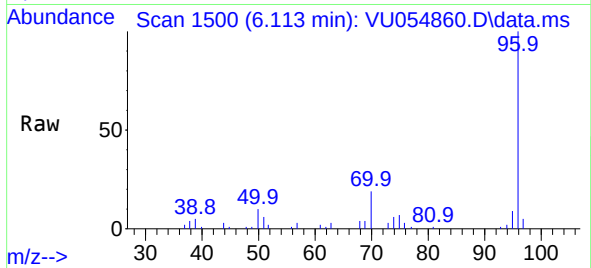
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 2558

Ion	Ratio	Lower	Upper
96	100		
70	20.0	14.0	21.0
95	8.3	8.7	13.1
97	2.9	0.0	0.0

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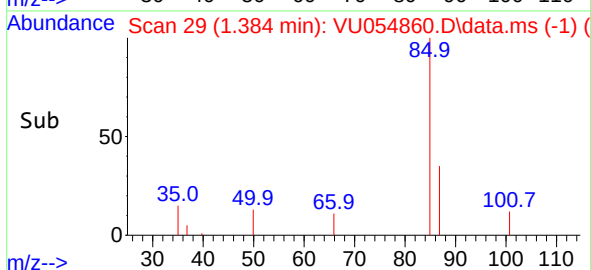
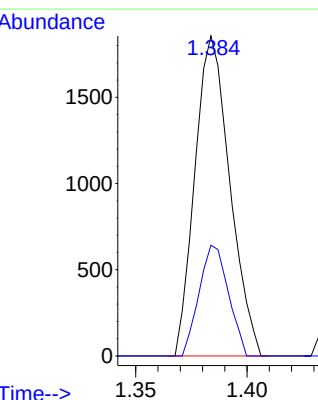
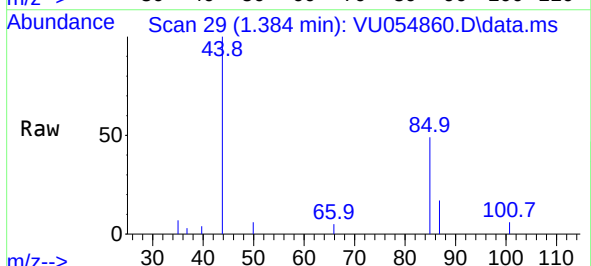
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

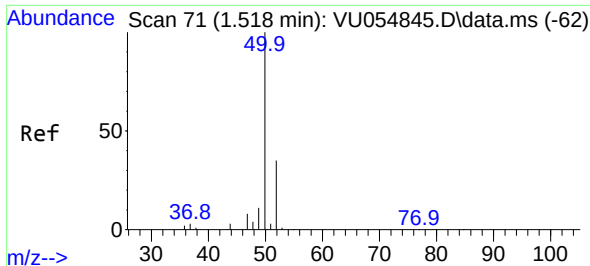


#2
Dichlorodifluoromethane
Concen: 0.397 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 85 Resp: 2019

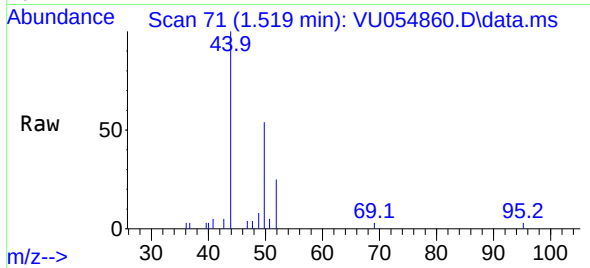
Ion	Ratio	Lower	Upper
85	100		
87	34.6	16.2	48.6





#3
Chloromethane
Concen: 0.514 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

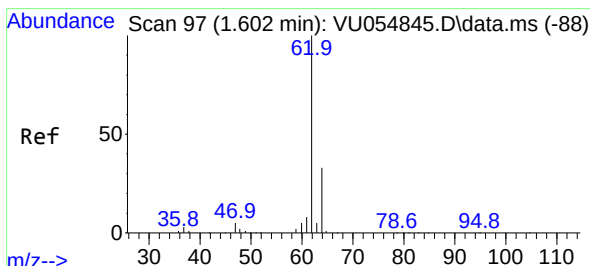
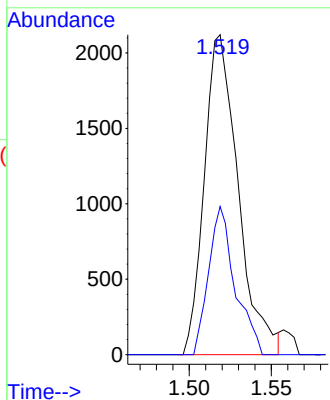
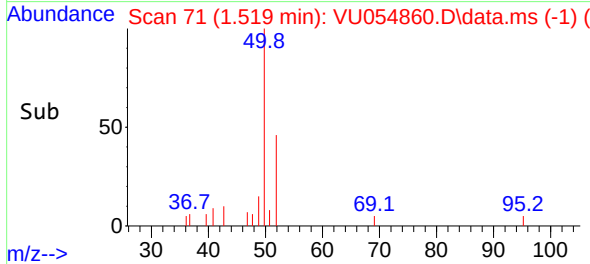
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 50 Resp: 3039
Ion Ratio Lower Upper
50 100
52 42.7 28.2 42.2

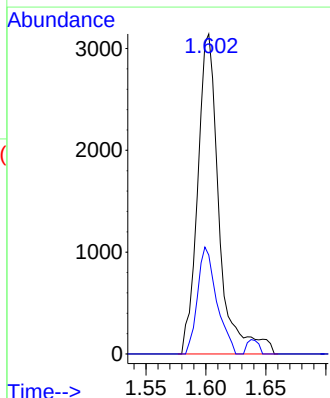
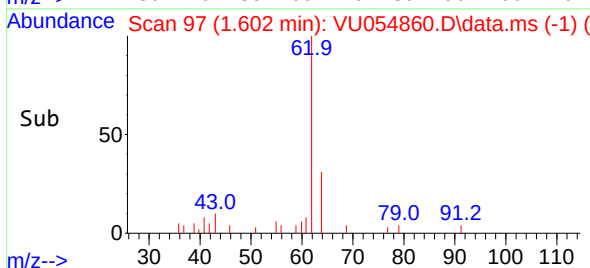
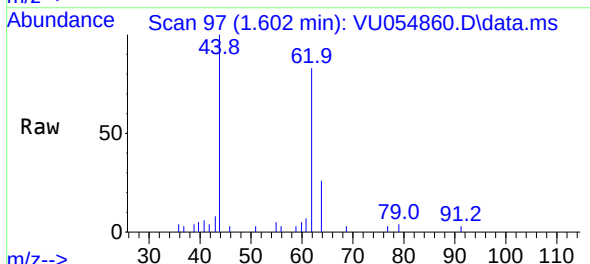
Manual Integrations
APPROVED

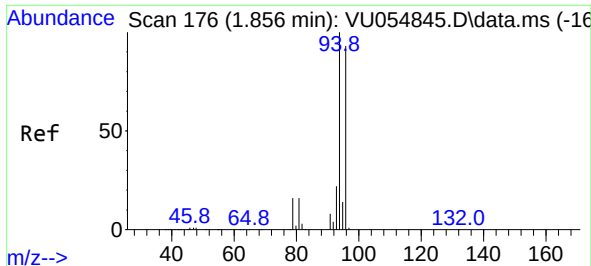
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 0.515 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

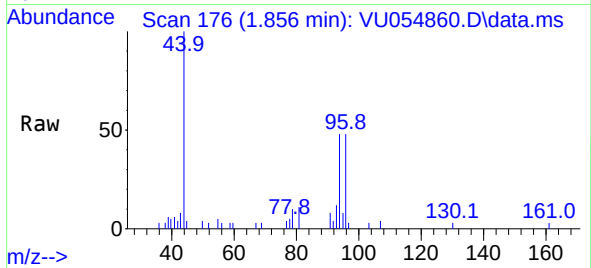
Tgt Ion: 62 Resp: 3910
Ion Ratio Lower Upper
62 100
64 30.9 26.4 39.6





#5
Bromomethane
Concen: 0.493 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

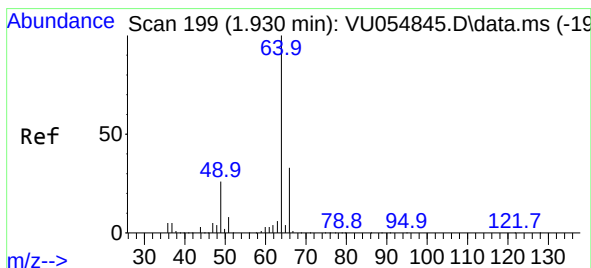
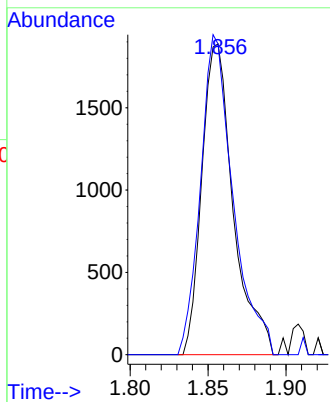
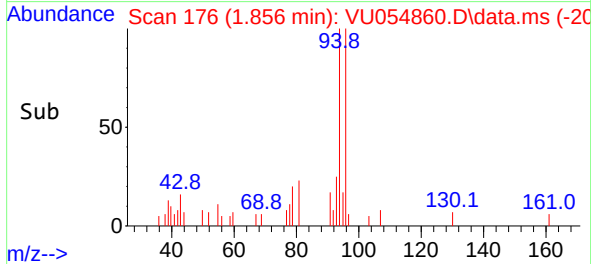
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



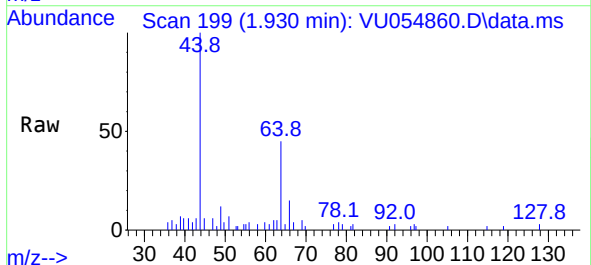
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 105.8 74.6 111.8

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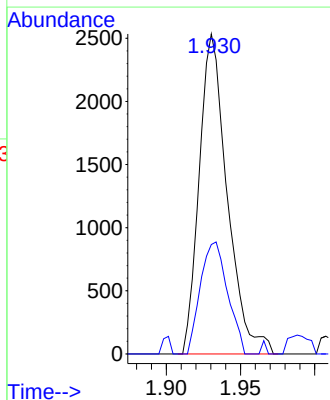
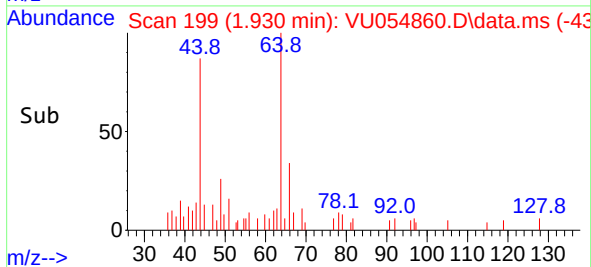
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

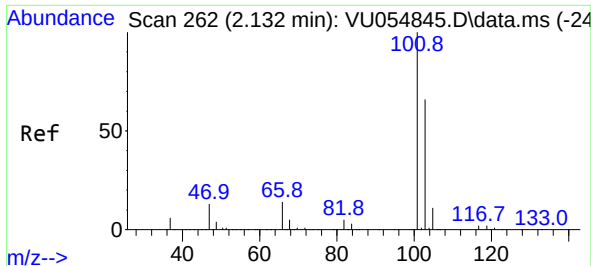


#6
Chloroethane
Concen: 0.463 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



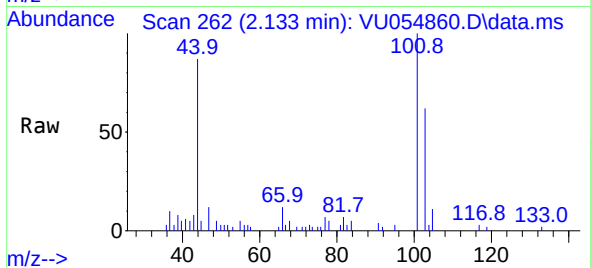
Tgt Ion: 64 Resp: 3324
Ion Ratio Lower Upper
64 100
66 34.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.439 ug/l
RT: 2.133 min Scan# 207
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

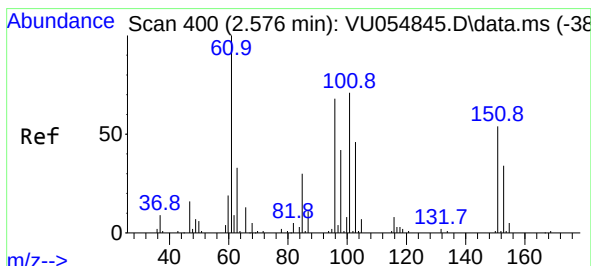
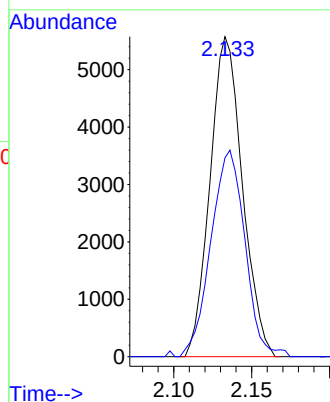
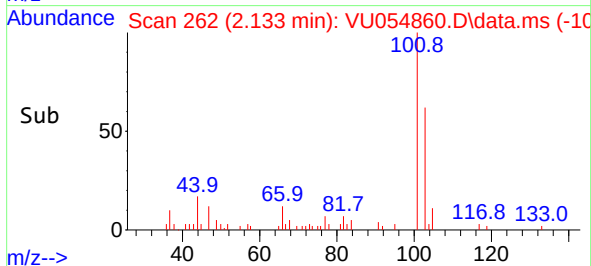
Instrument :
MSVOA_U
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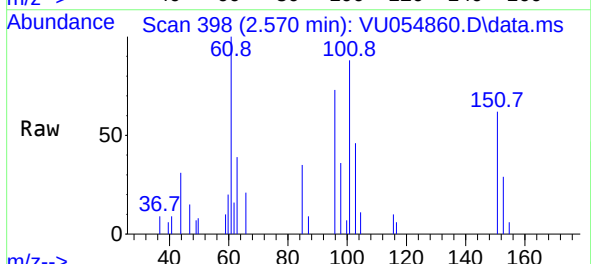
Tgt Ion:101 Resp: 807
Ion Ratio Lower Upper
101 100
103 62.1 52.9 79.3

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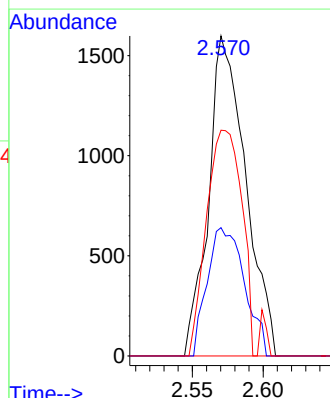
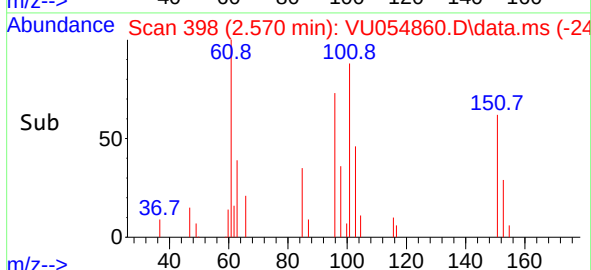
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

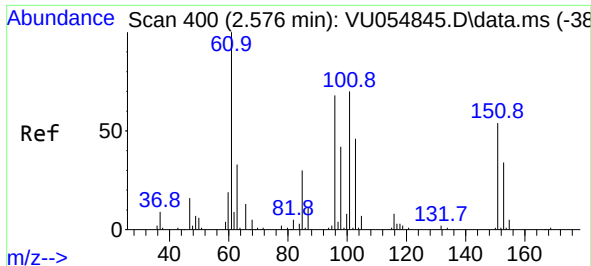


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.551 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion:101 Resp: 2906
Ion Ratio Lower Upper
101 100
85 40.3 34.8 52.2
151 67.3 60.5 90.7





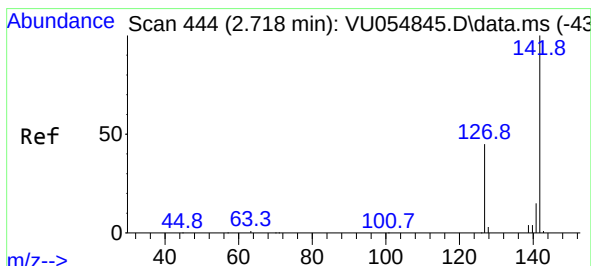
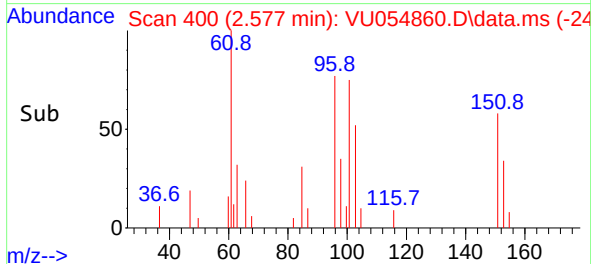
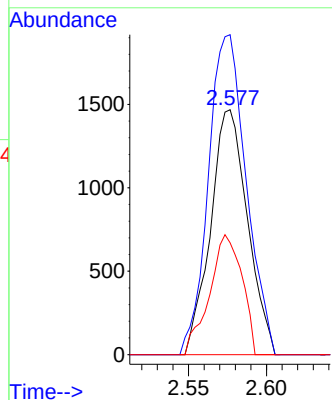
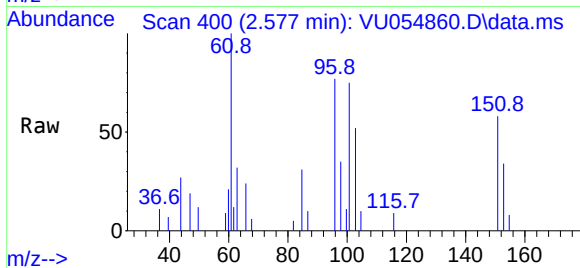
#9
1,1-Dichloroethene
Concen: 0.550 ug/l
RT: 2.577 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 2420
Ion Ratio Lower Upper
96 100
61 145.8 0.0 440.1
98 45.6 0.0 121.8

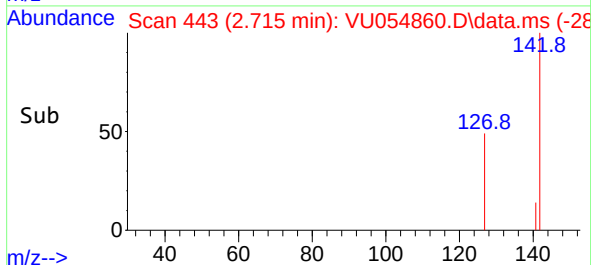
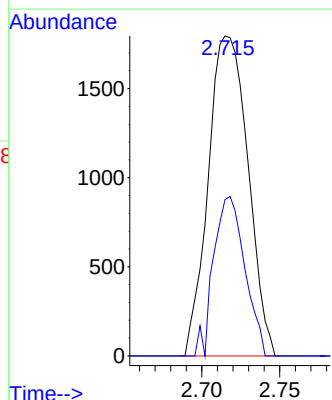
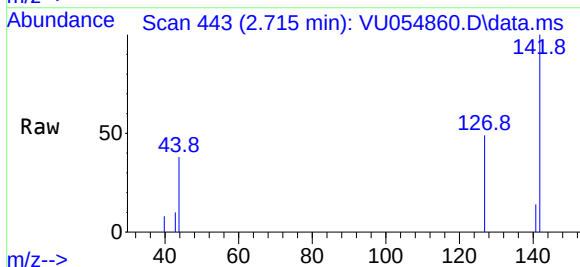
Manual Integrations
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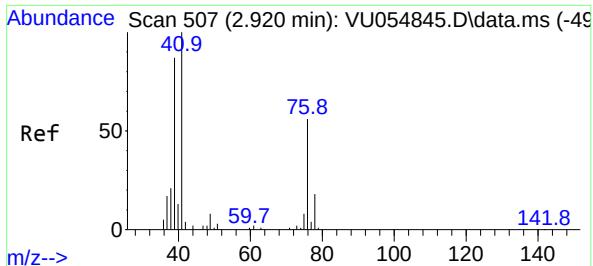
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 0.450 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion:142 Resp: 3188
Ion Ratio Lower Upper
142 100
127 39.0 34.3 51.5





#11

Allyl Chloride

Concen: 0.432 ug/l

RT: 2.921 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054860.D

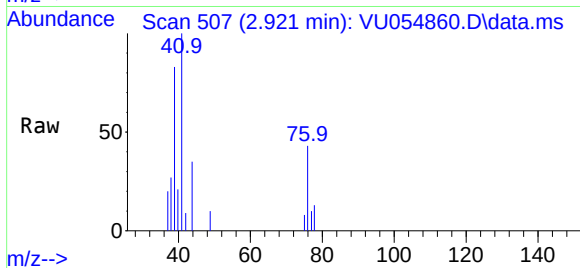
Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



Tgt Ion: 41 Resp: 2229

Ion Ratio Lower Upper

41 100

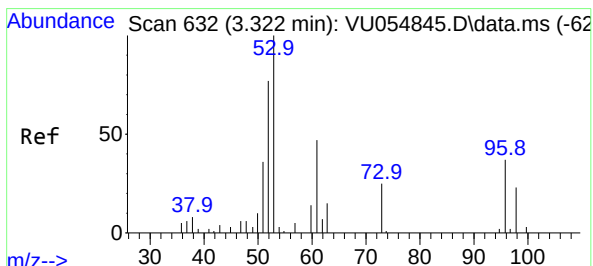
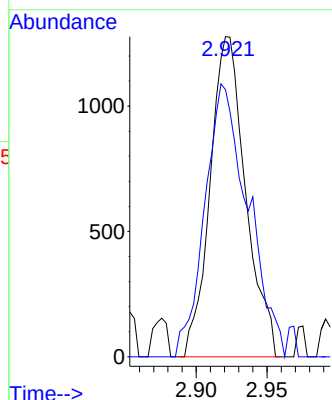
39 103.4 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

Acrylonitrile

Concen: 0.658 ug/l m

RT: 3.352 min Scan# 641

Delta R.T. 0.029 min

Lab File: VU054860.D

Acq: 24 Jul 2023 15:28

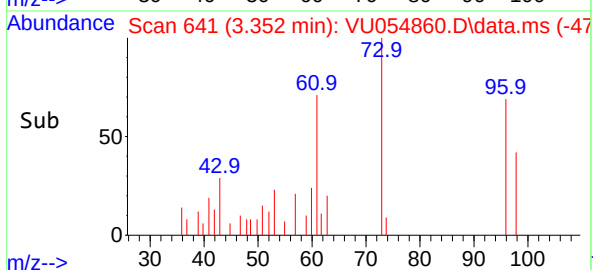
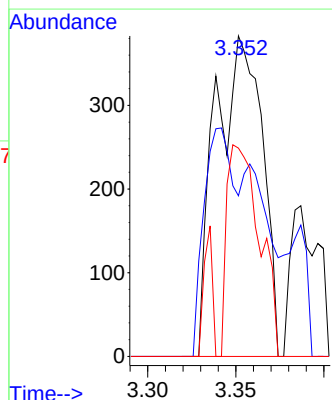
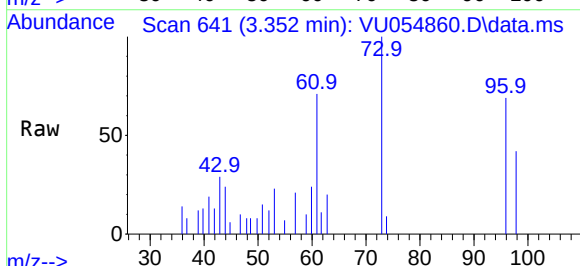
Tgt Ion: 53 Resp: 705

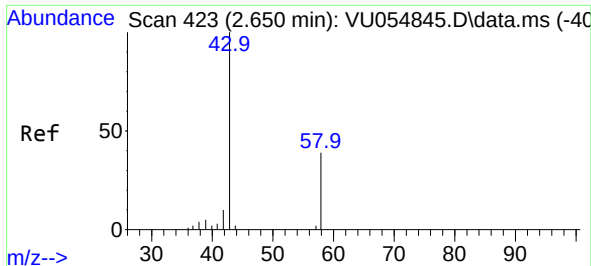
Ion Ratio Lower Upper

53 100

52 47.4 64.2 96.4#

51 7.4 33.6 50.4#





#13

Acetone

Concen: 2.567 ug/l m

RT: 2.654 min Scan# 41

Delta R.T. 0.004 min

Lab File: VU054860.D

Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 43 Resp: 235

Ion Ratio Lower Upper

43 100

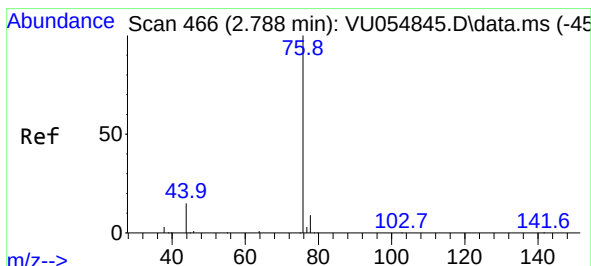
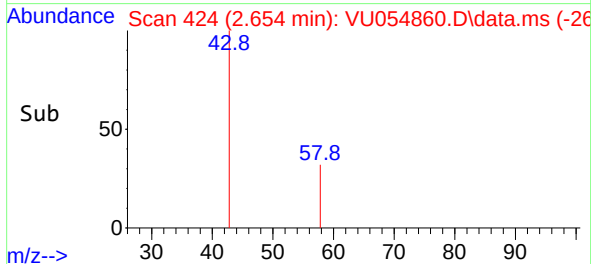
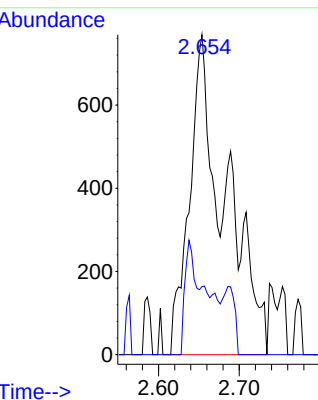
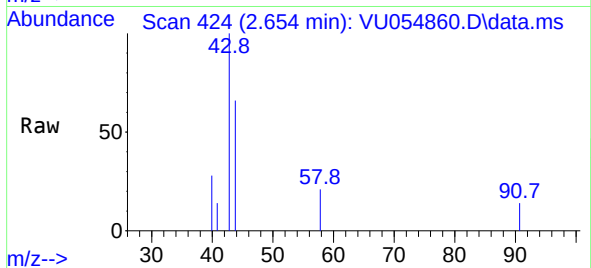
58 21.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 0.504 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054860.D

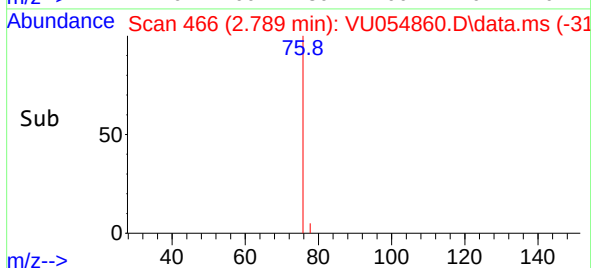
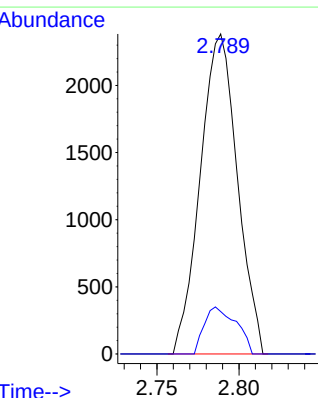
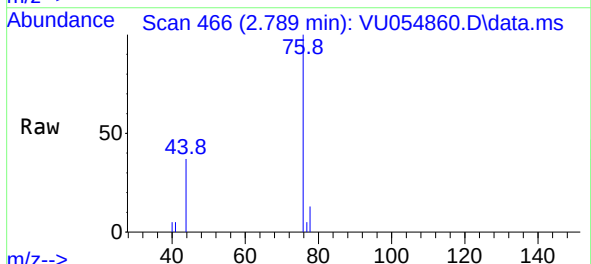
Acq: 24 Jul 2023 15:28

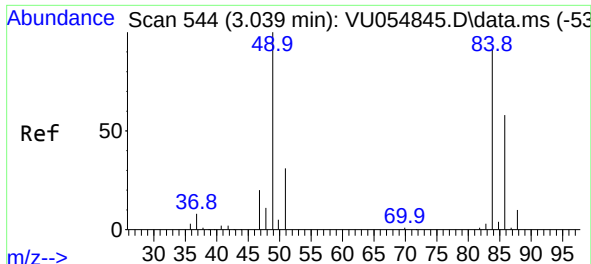
Tgt Ion: 76 Resp: 3741

Ion Ratio Lower Upper

76 100

78 13.3 7.1 10.7#





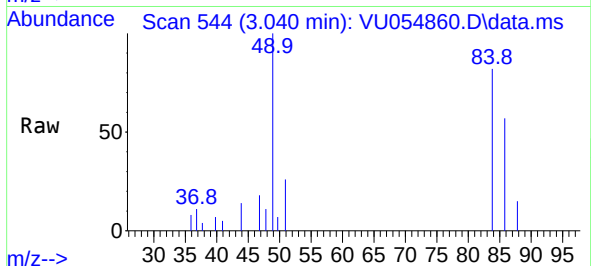
#15
Methylene Chloride
Concen: 0.445 ug/l
RT: 3.040 min Scan# 54
Delta R.T. 0.001 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



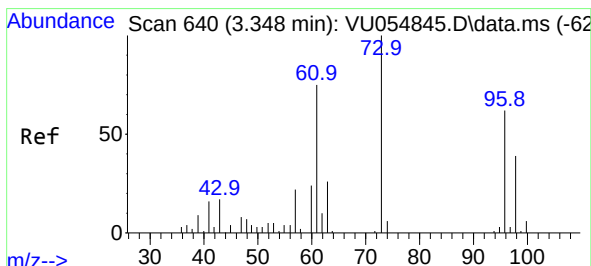
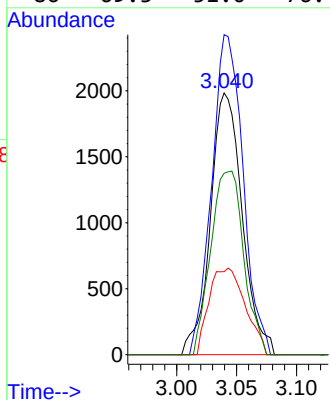
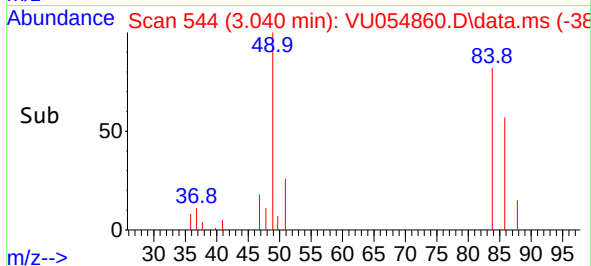
Tgt Ion: 84 Resp: 3650
Ion Ratio Lower Upper
84 100
49 130.3 87.8 131.6
51 31.8 0.0 68.2
86 69.3 51.0 76.4

Manual Integrations

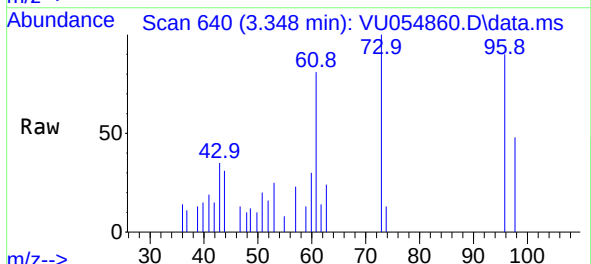
APPROVED

Reviewed By :John Carlone 07/25/2023

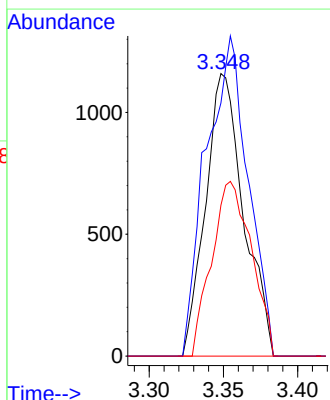
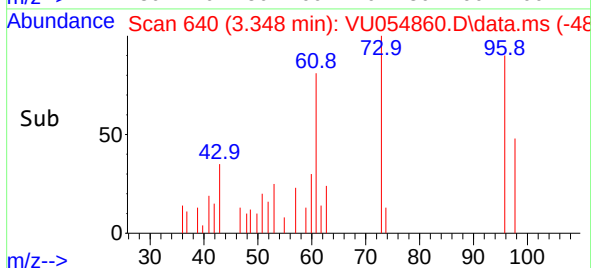
Supervised By :Mahesh Dadoda 07/31/2023

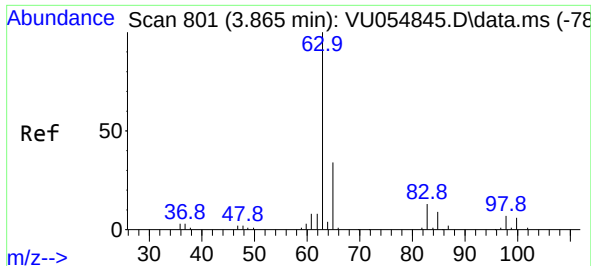


#16
trans-1,2-Dichloroethene
Concen: 0.423 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion: 96 Resp: 2069
Ion Ratio Lower Upper
96 100
61 104.7 96.4 144.6
98 53.4 49.3 73.9





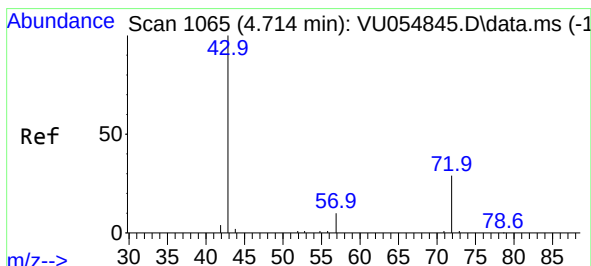
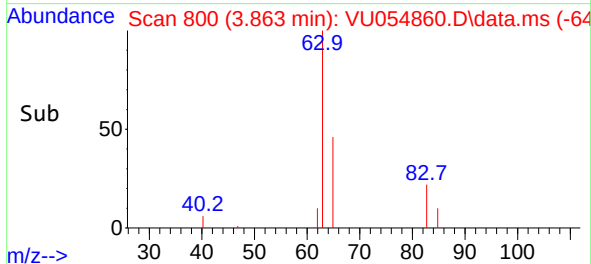
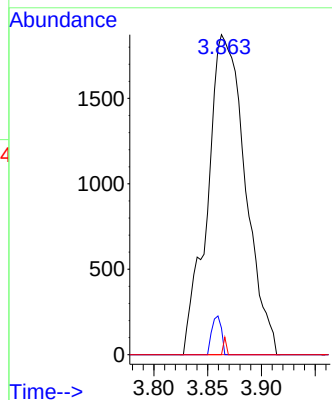
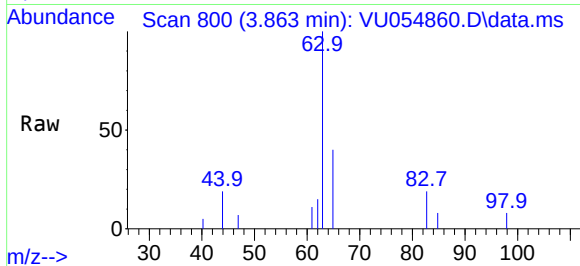
#17
1,1-Dichloroethane
Concen: 0.443 ug/l
RT: 3.863 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
Client SampleId :
RL-CHECK

Tgt Ion: 63 Resp: 4590
Ion Ratio Lower Upper
63 100
98 8.3 3.6 10.8
100 0.0 2.8 8.4

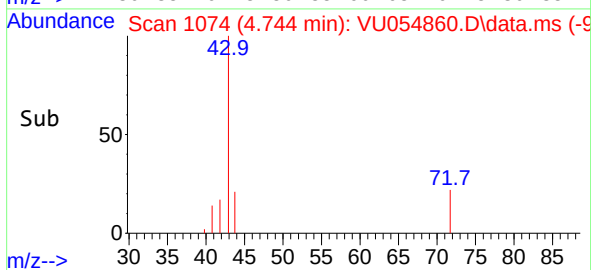
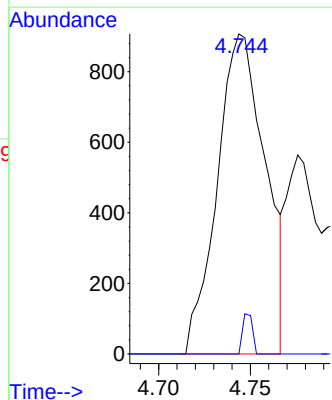
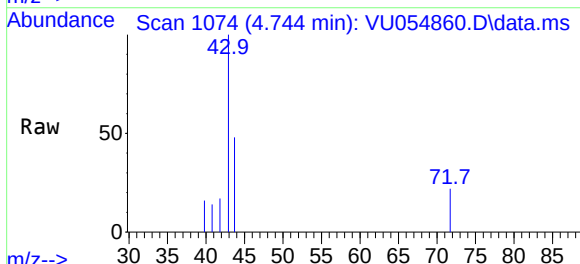
Manual Integrations
APPROVED

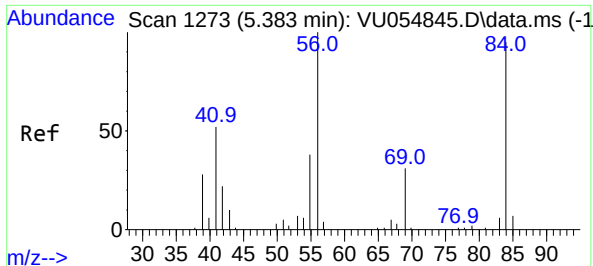
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 1.231 ug/l
RT: 4.744 min Scan# 1074
Delta R.T. 0.029 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

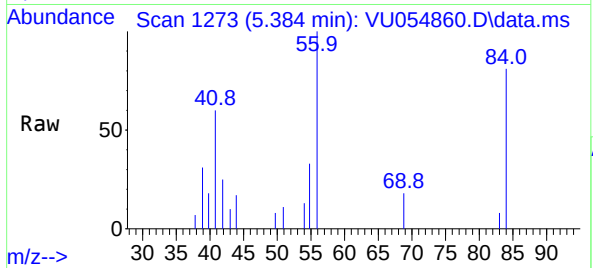
Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
57 0.0 0.0 20.8





#19
Cyclohexane
Concen: 0.466 ug/l
RT: 5.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

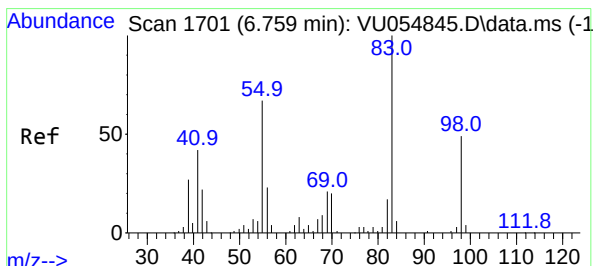
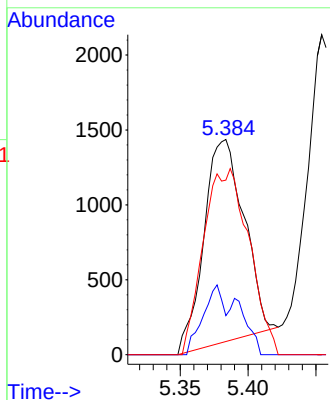
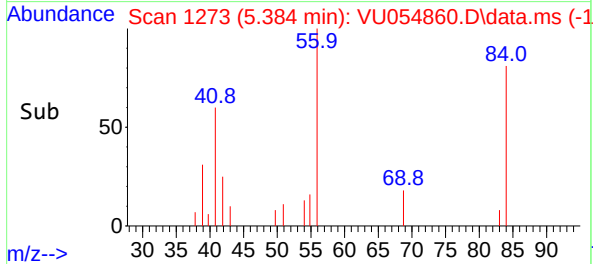
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 56 Resp: 2794
Ion Ratio Lower Upper
56 100
69 17.9 24.7 37.1
84 103.6 76.5 114.7

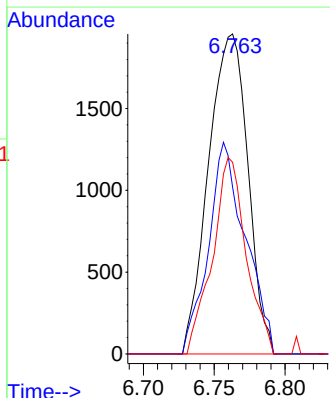
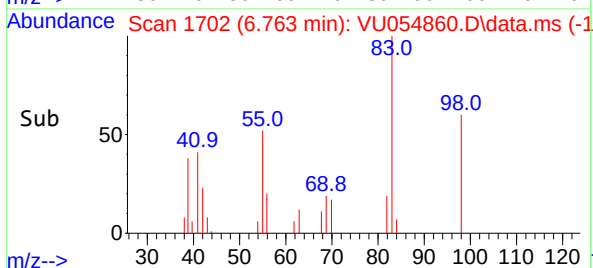
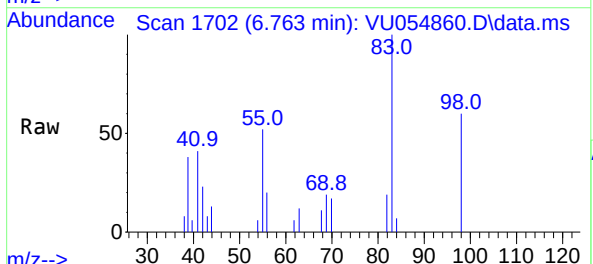
Manual Integrations
APPROVED

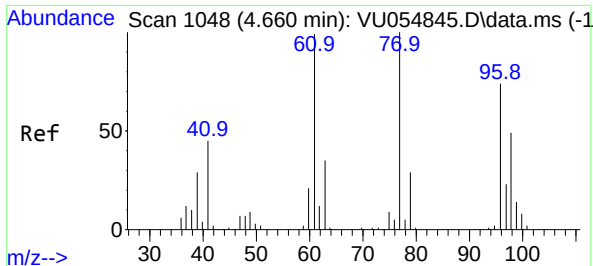
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylcyclohexane
Concen: 0.476 ug/l
RT: 6.763 min Scan# 1702
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 83 Resp: 3785
Ion Ratio Lower Upper
83 100
55 62.1 51.6 77.4
98 52.6 38.2 57.2





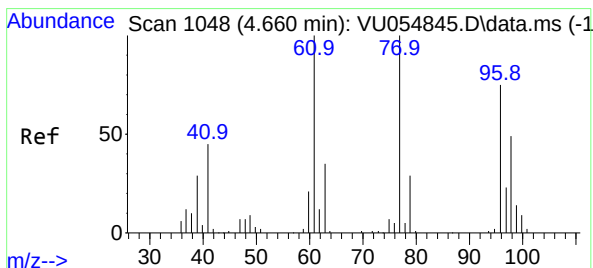
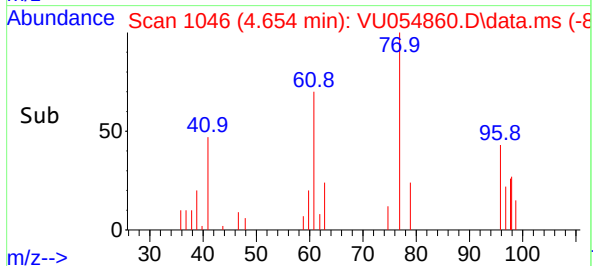
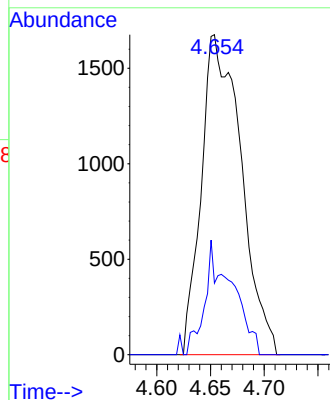
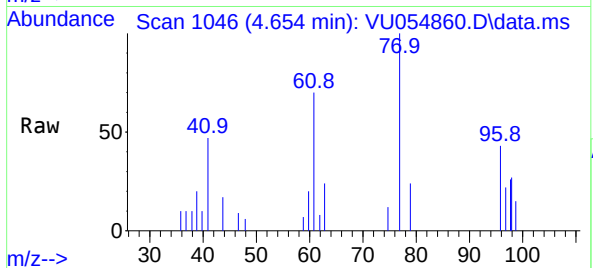
#21
2,2-Dichloropropane
Concen: 0.477 ug/l
RT: 4.654 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 77 Resp: 430
Ion Ratio Lower Upper
77 100
97 11.0 18.0 27.0

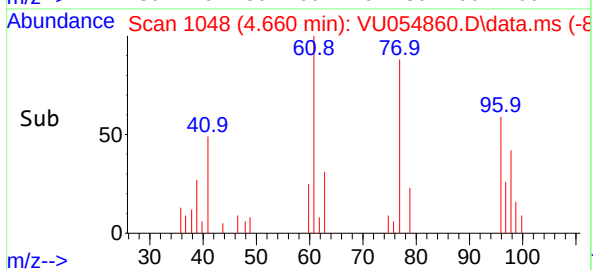
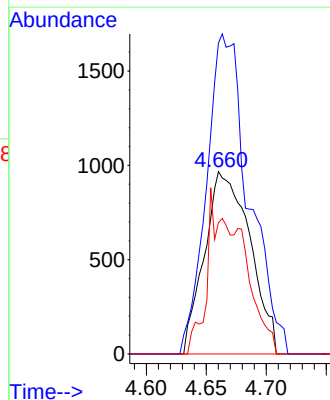
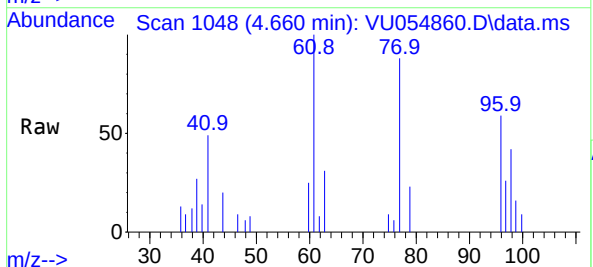
Manual Integrations
APPROVED

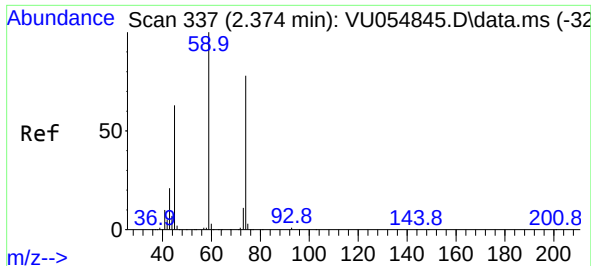
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 0.411 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

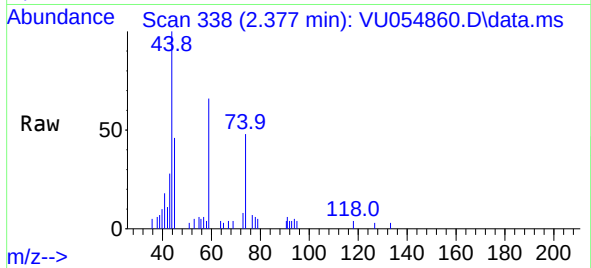
Tgt Ion: 96 Resp: 2544
Ion Ratio Lower Upper
96 100
61 164.1 0.0 332.0
98 23.4 32.5 97.5





#23
Diethyl Ether
Concen: 0.491 ug/l
RT: 2.377 min Scan# 331
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

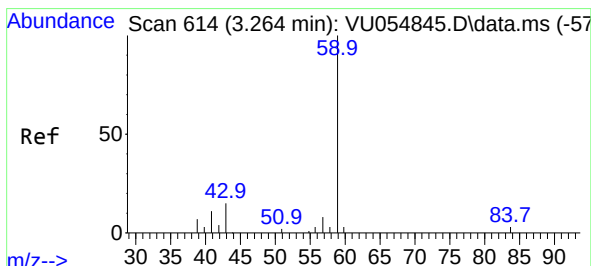
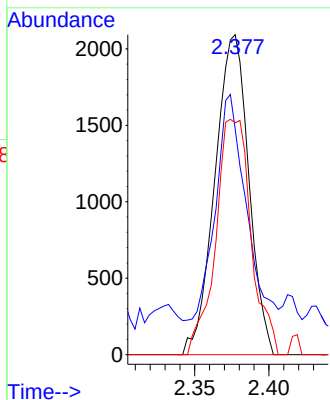
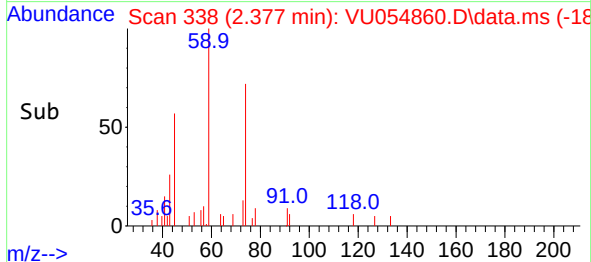
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 59 Resp: 331
Ion Ratio Lower Upper
59 100
45 62.0 51.4 77.0
74 76.8 63.1 94.7

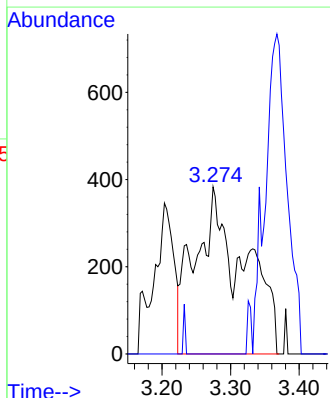
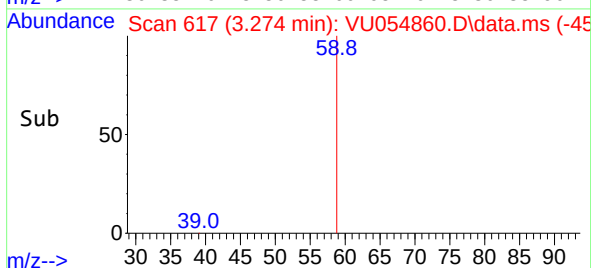
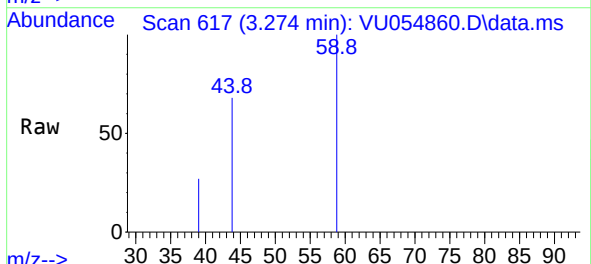
Manual Integrations
APPROVED

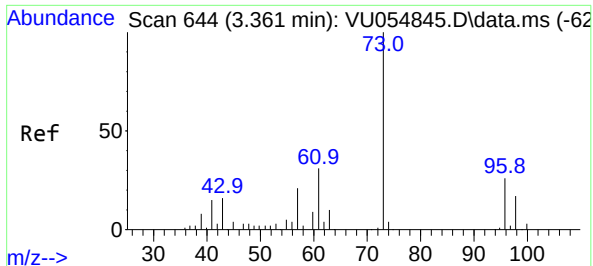
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 3.224 ug/l m
RT: 3.274 min Scan# 617
Delta R.T. 0.010 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

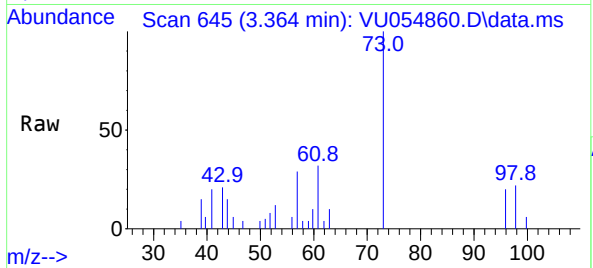
Tgt Ion: 59 Resp: 1878
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 0.436 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

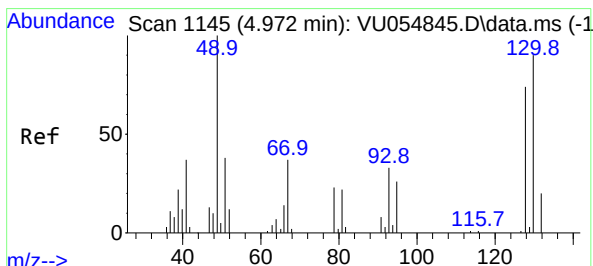
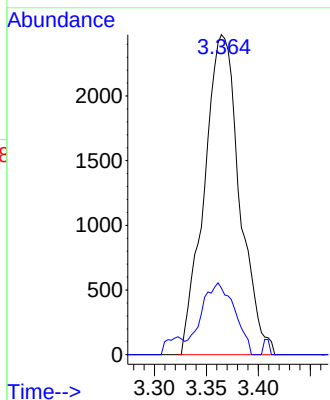
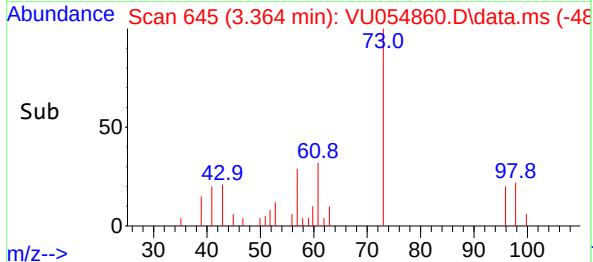
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



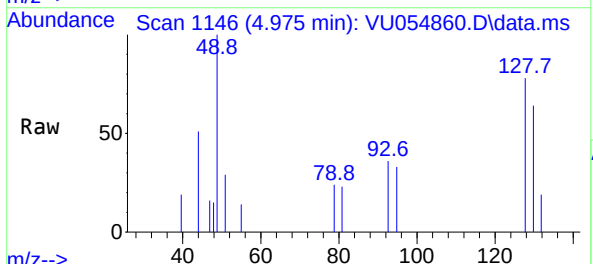
Tgt Ion: 73 Resp: 585
Ion Ratio Lower Upper
73 100
43 21.1 14.6 22.0

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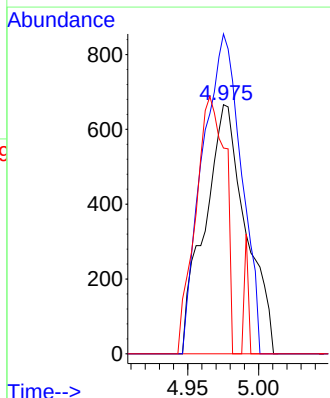
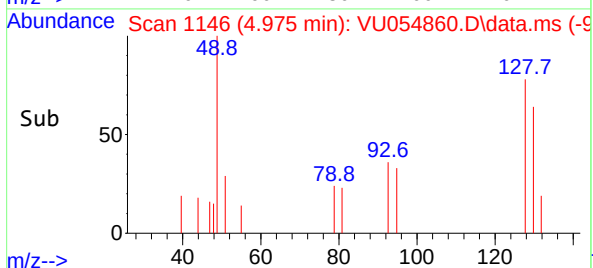
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

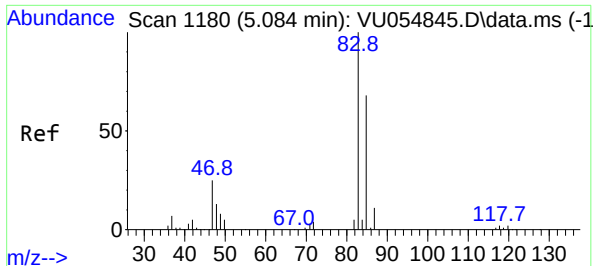


#26
Bromochloromethane
Concen: 0.568 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



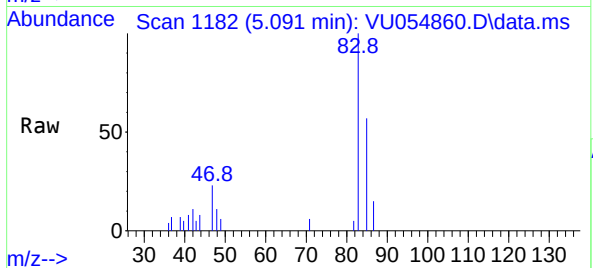
Tgt Ion:128 Resp: 1341
Ion Ratio Lower Upper
128 100
49 121.2 0.0 304.0
130 74.6 104.3 156.5#





#27
Chloroform
Concen: 0.491 ug/l
RT: 5.091 min Scan# 1180
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

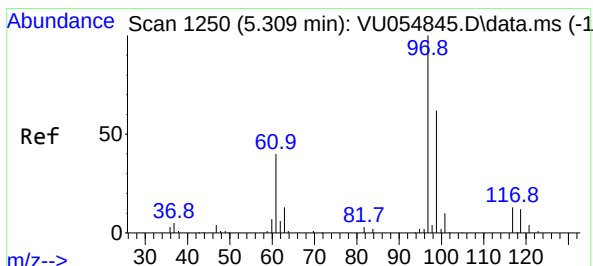
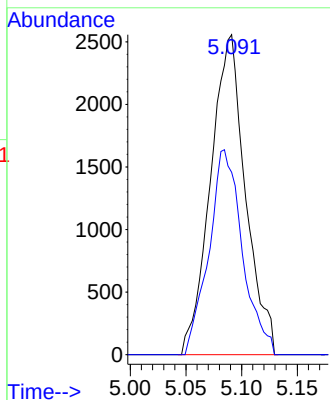
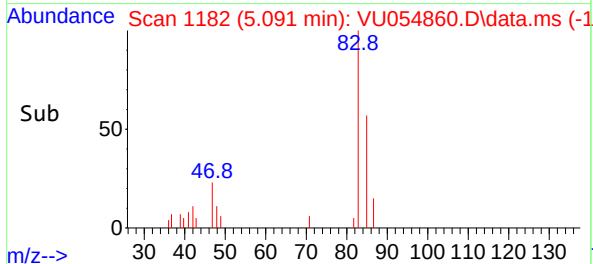
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



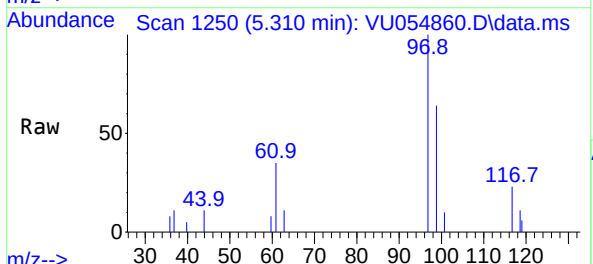
Tgt Ion: 83 Resp: 5580
Ion Ratio Lower Upper
83 100
85 57.0 0.0 135.2

Manual Integrations
APPROVED

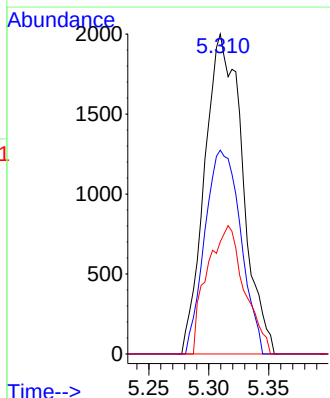
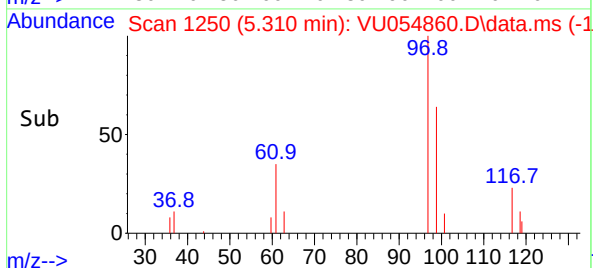
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

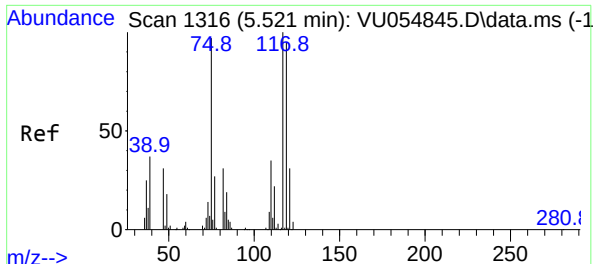


#28
1,1,1-Trichloroethane
Concen: 0.459 ug/l
RT: 5.310 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



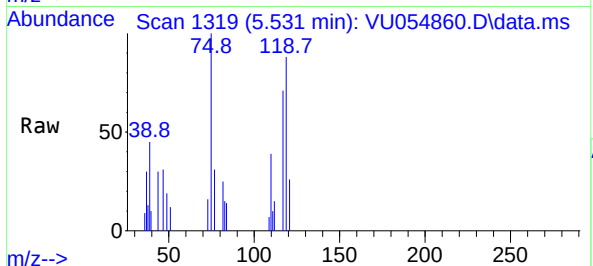
Tgt Ion: 97 Resp: 4383
Ion Ratio Lower Upper
97 100
99 60.5 32.0 96.2
61 39.4 21.0 63.0





#29
1,1-Dichloropropene
Concen: 0.457 ug/l
RT: 5.531 min Scan# 1319
Delta R.T. 0.010 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

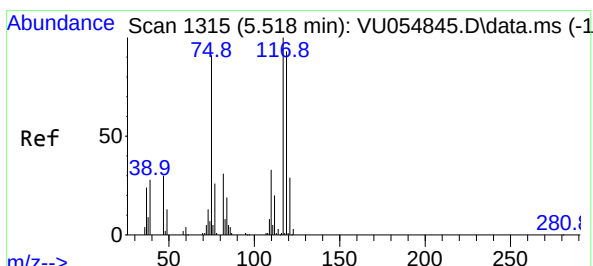
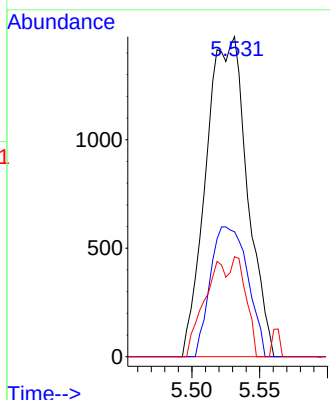
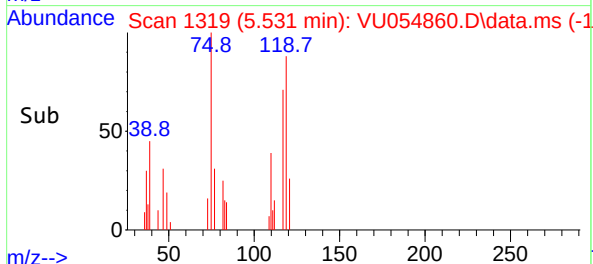
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



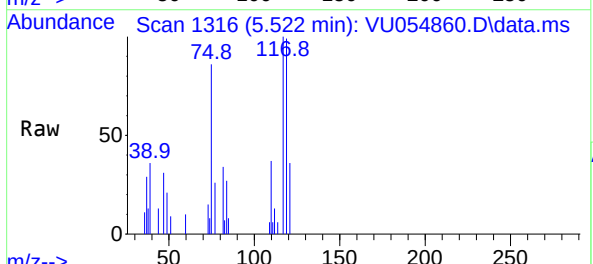
Tgt Ion: 75 Resp: 310
Ion Ratio Lower Upper
75 100
110 36.8 18.5 55.5
77 16.3 24.9 37.3

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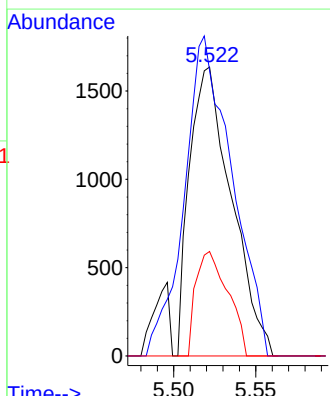
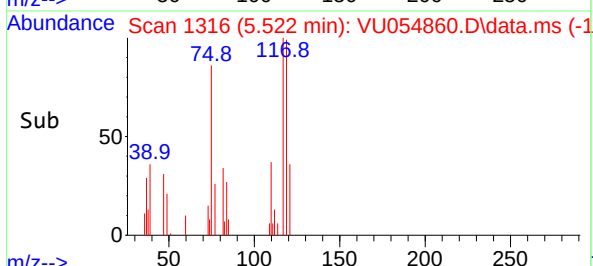
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

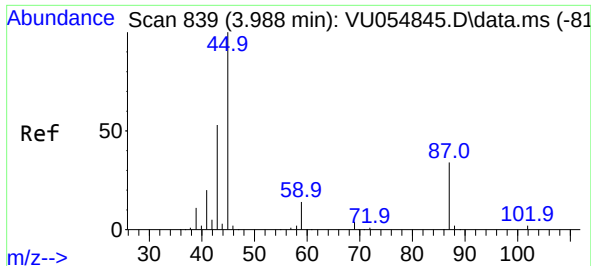


#30
Carbon Tetrachloride
Concen: 0.366 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



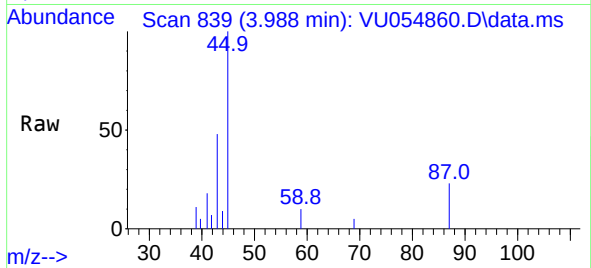
Tgt Ion:117 Resp: 2907
Ion Ratio Lower Upper
117 100
119 98.9 75.6 113.4
121 36.2 23.4 35.0





#31
Isopropyl Ether
Concen: 0.535 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

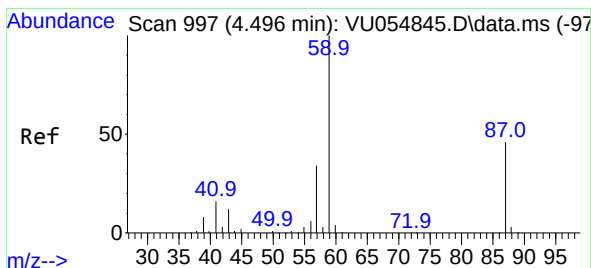
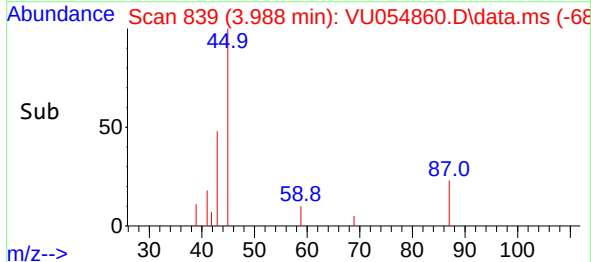
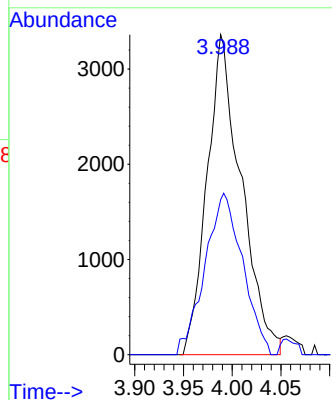
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 45 Resp: 819
Ion Ratio Lower Upper
45 100
43 55.6 26.4 79.2

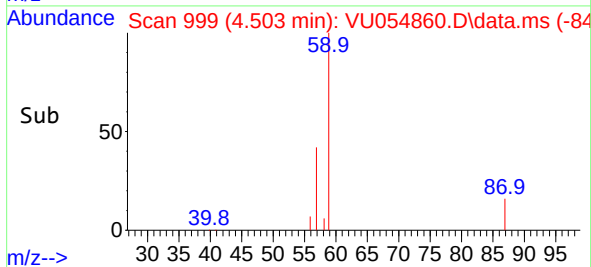
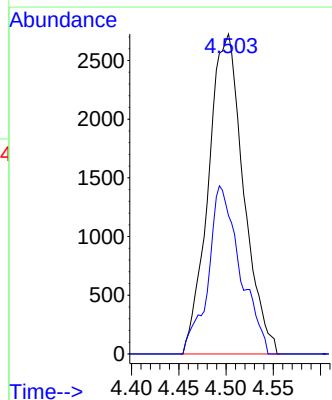
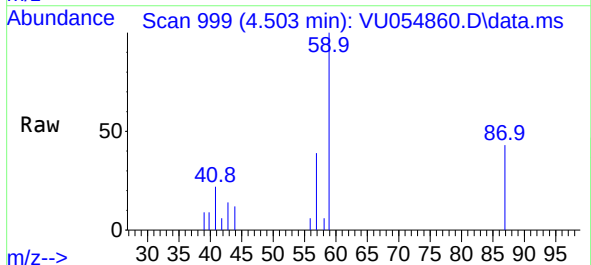
Manual Integrations
APPROVED

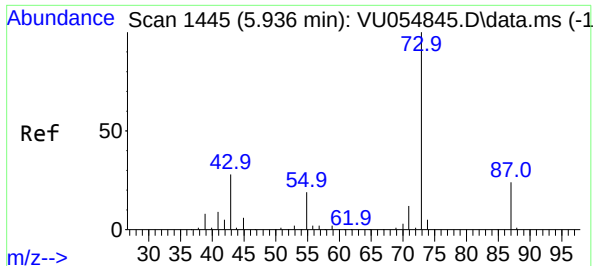
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.448 ug/l
RT: 4.503 min Scan# 999
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 59 Resp: 7049
Ion Ratio Lower Upper
59 100
87 47.7 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 0.504 ug/l
RT: 5.937 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

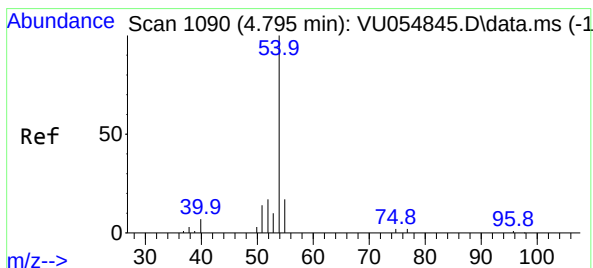
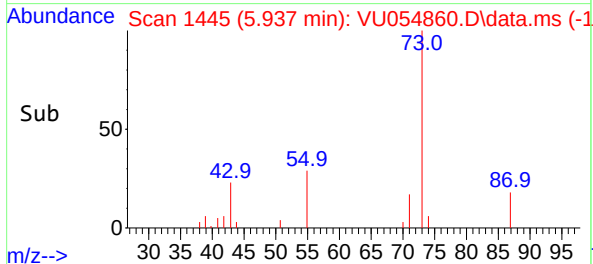
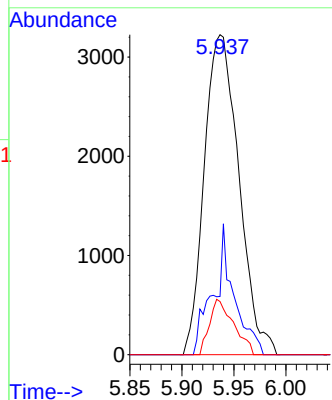
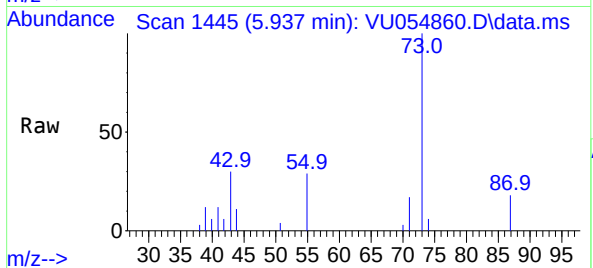
RL-CHECK

Tgt Ion: 73 Resp: 7462
Ion Ratio Lower Upper
73 100
87 24.6 19.6 29.4
71 12.0 9.1 13.7

Manual Integrations

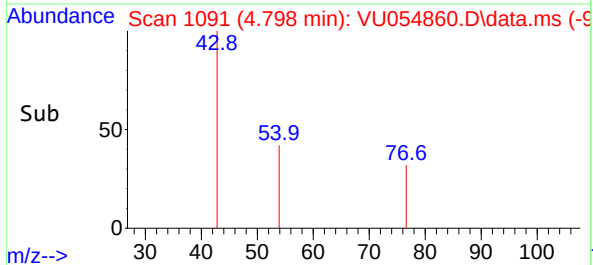
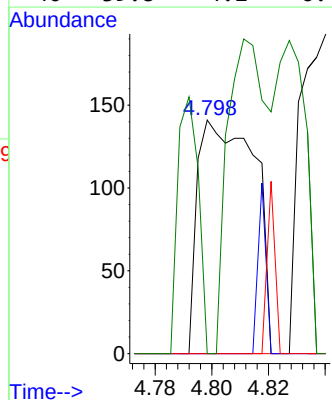
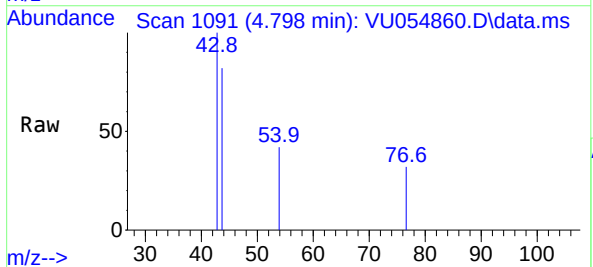
APPROVED

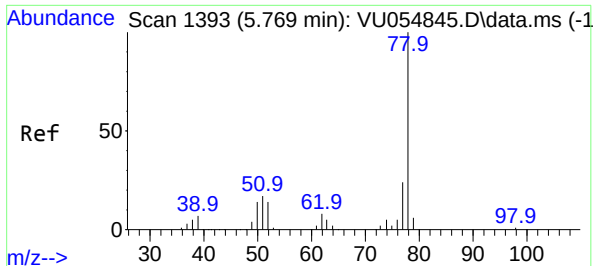
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 0.488 ug/l
RT: 4.798 min Scan# 1091
Delta R.T. 0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 54 Resp: 196
Ion Ratio Lower Upper
54 100
52 0.0 13.8 20.8#
55 0.0 4.8 7.2#
40 39.8 4.2 6.4#





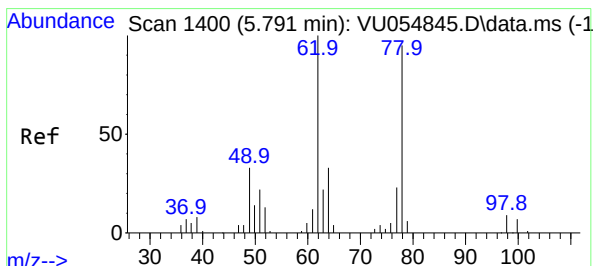
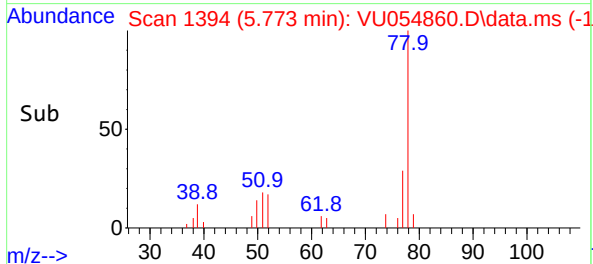
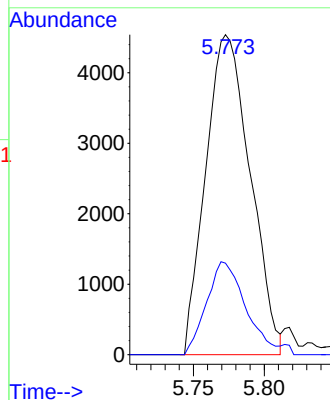
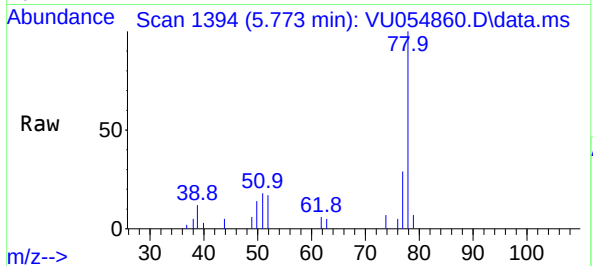
#35
Benzene
Concen: 0.449 ug/l
RT: 5.773 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 78 Resp: 992
Ion Ratio Lower Upper
78 100
77 25.9 19.4 29.2

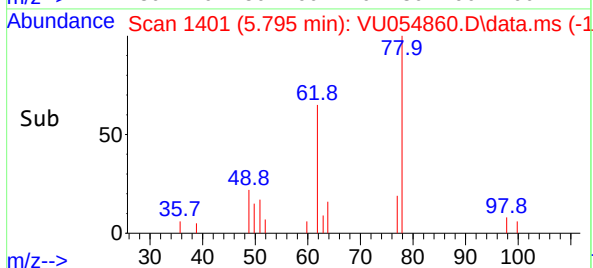
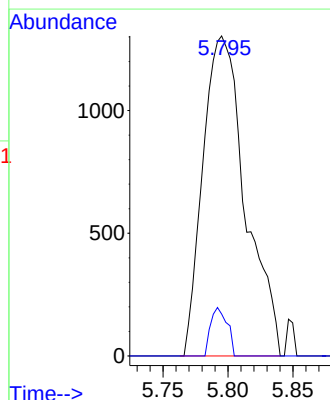
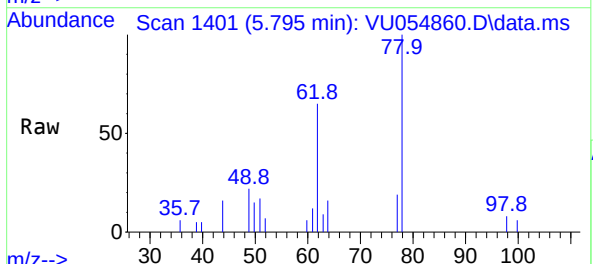
Manual Integrations
APPROVED

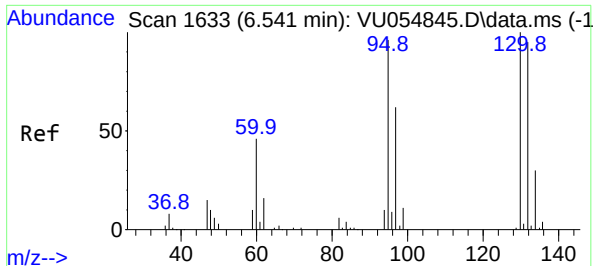
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 0.468 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

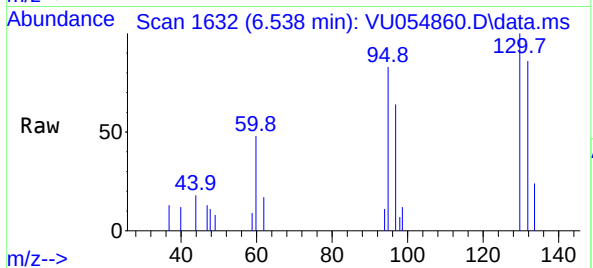
Tgt Ion: 62 Resp: 2970
Ion Ratio Lower Upper
62 100
98 5.9 7.8 11.8#





#37
Trichloroethene
Concen: 0.486 ug/l
RT: 6.538 min Scan# 1710
Delta R.T. -0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

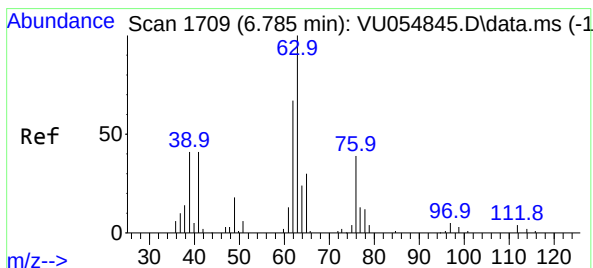
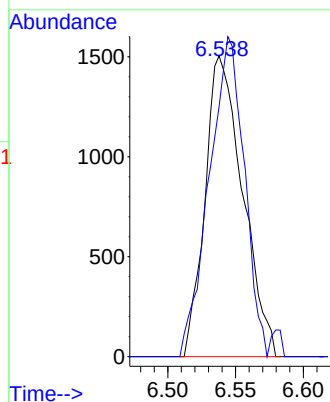
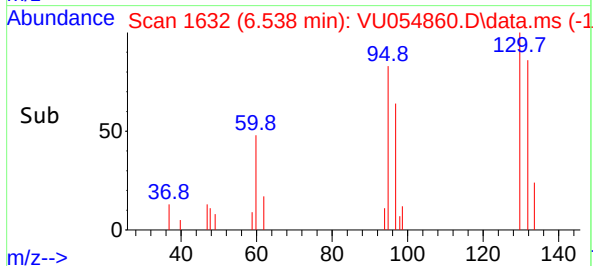
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:130 Resp: 290
Ion Ratio Lower Upper
130 100
95 83.1 76.8 115.2

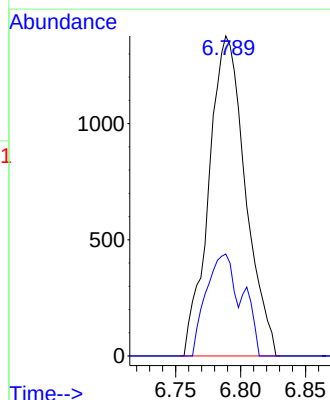
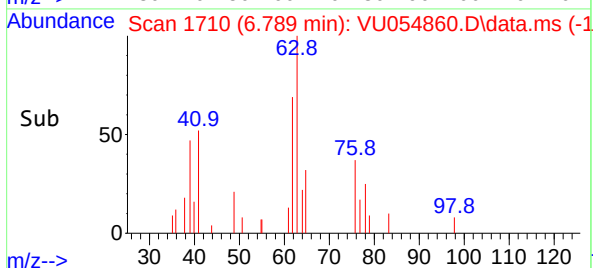
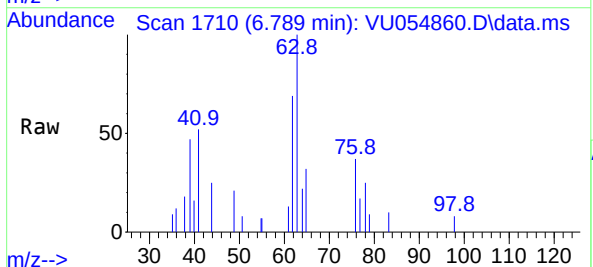
Manual Integrations
APPROVED

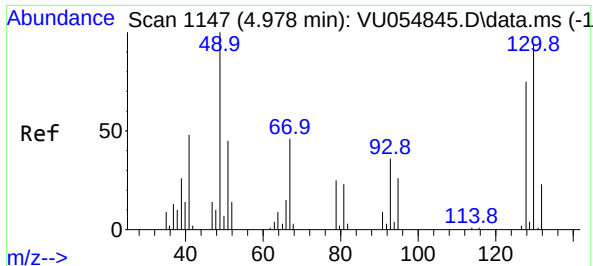
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 0.422 ug/l
RT: 6.789 min Scan# 1710
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

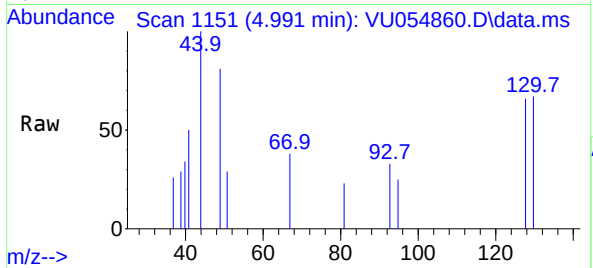
Tgt Ion: 63 Resp: 2692
Ion Ratio Lower Upper
63 100
65 31.9 24.3 36.5





#39
Methacrylonitrile
Concen: 0.373 ug/l m
RT: 4.991 min Scan# 1147
Delta R.T. 0.013 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

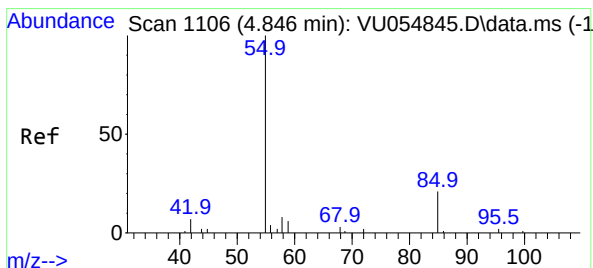
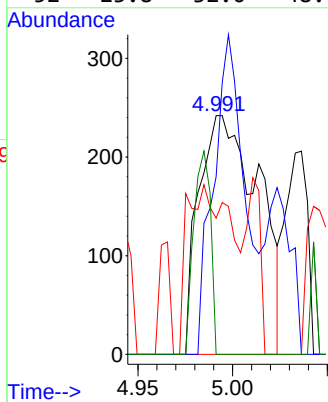
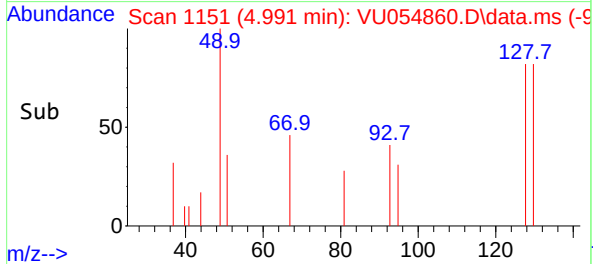
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



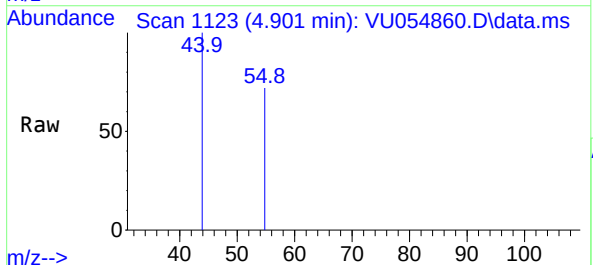
Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
67 68.7 77.0 115.4
39 33.2 50.4 75.6
52 23.8 32.0 48.0

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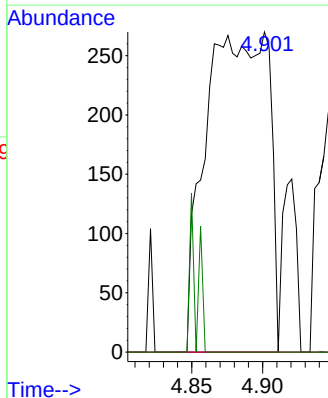
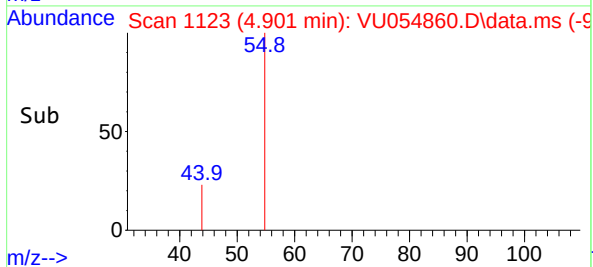
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

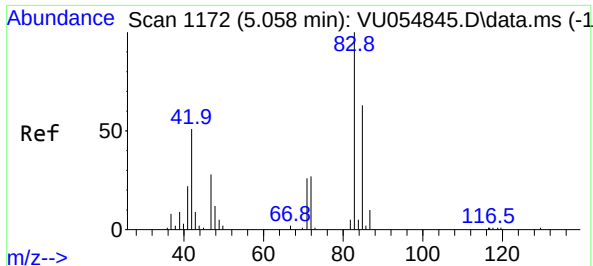


#40
Methyl acrylate
Concen: 0.339 ug/l m
RT: 4.901 min Scan# 1123
Delta R.T. 0.055 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



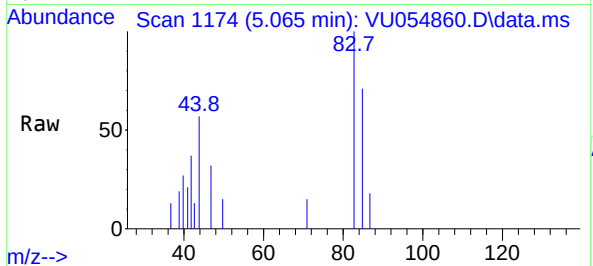
Tgt Ion: 55 Resp: 827
Ion Ratio Lower Upper
55 100
85 0.0 13.0 19.6#
58 0.0 5.7 8.5#
42 5.6 4.6 7.0





#41
Tetrahydrofuran
Concen: 0.826 ug/l m
RT: 5.065 min Scan# 1172
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

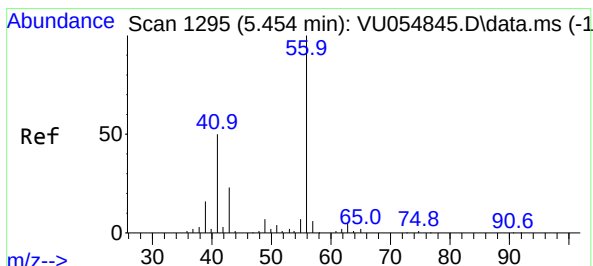
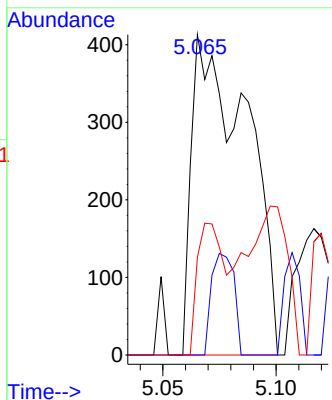
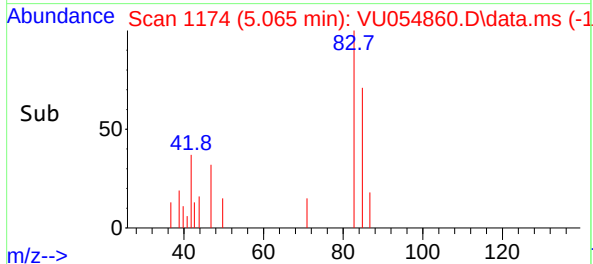
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



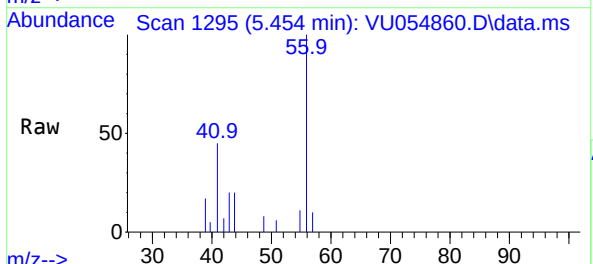
Tgt Ion: 42 Resp: 698
Ion Ratio Lower Upper
42 100
72 0.0 42.1 63.1
71 0.0 39.7 59.5

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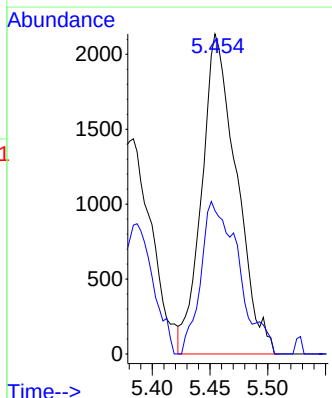
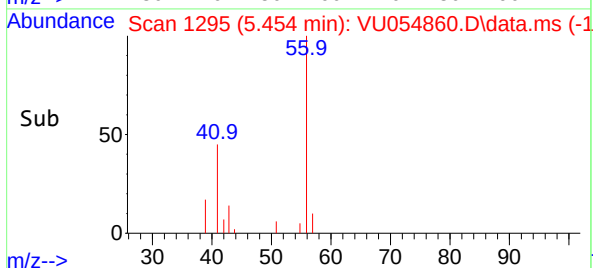
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

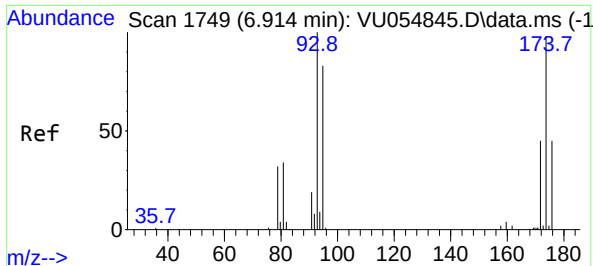


#42
1-Chlorobutane
Concen: 0.488 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



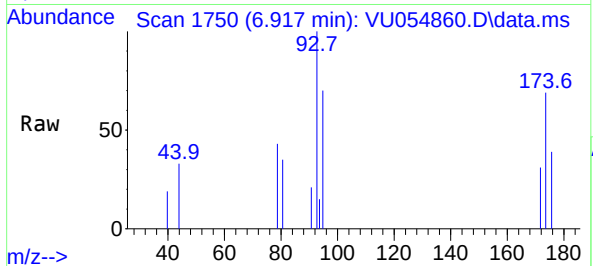
Tgt Ion: 56 Resp: 4484
Ion Ratio Lower Upper
56 100
41 51.8 23.9 71.7





#43
Dibromomethane
Concen: 0.428 ug/l
RT: 6.917 min Scan# 1174
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

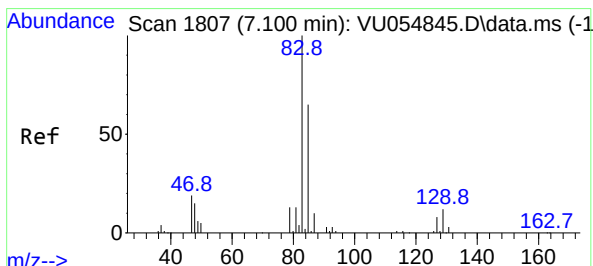
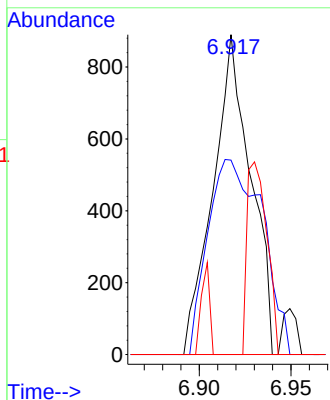
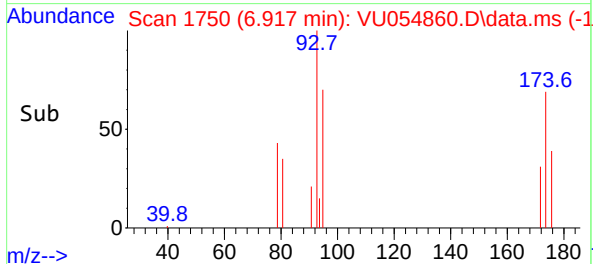
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



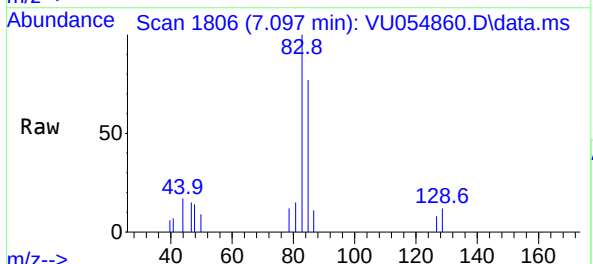
Tgt Ion: 93 Resp: 127
Ion Ratio Lower Upper
93 100
95 88.2 64.7 97.1
174 6.4 74.4 111.6

Manual Integrations
APPROVED

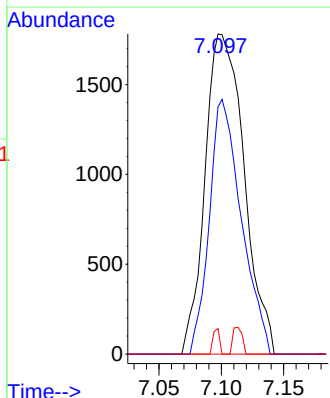
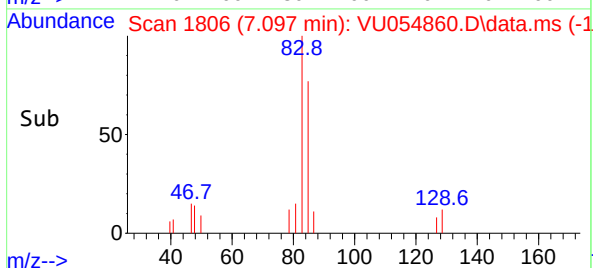
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

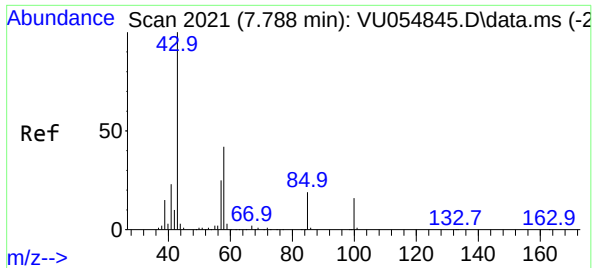


#44
Bromodichloromethane
Concen: 0.478 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion: 83 Resp: 3883
Ion Ratio Lower Upper
83 100
85 77.3 52.2 78.2
127 8.0 6.1 9.1





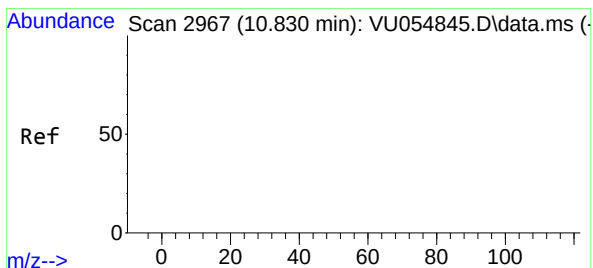
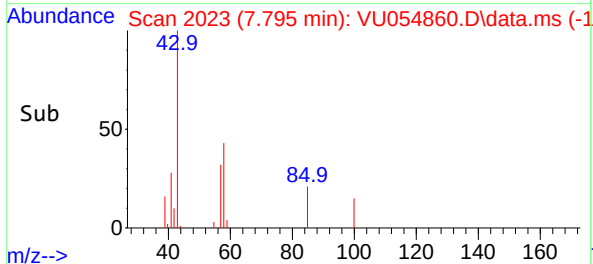
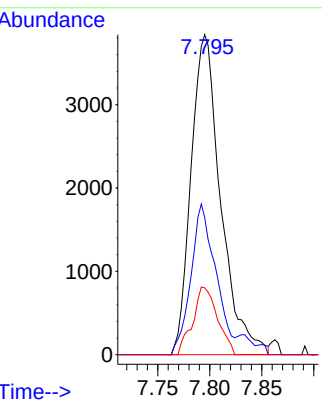
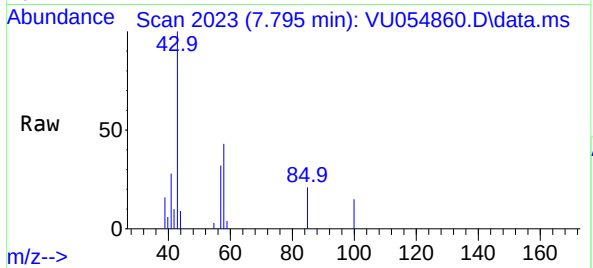
#45
4-Methyl-2-Pentanone
Concen: 2.167 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 43 Resp: 7610
Ion Ratio Lower Upper
43 100
58 39.5 21.3 63.7
85 17.6 15.3 22.9

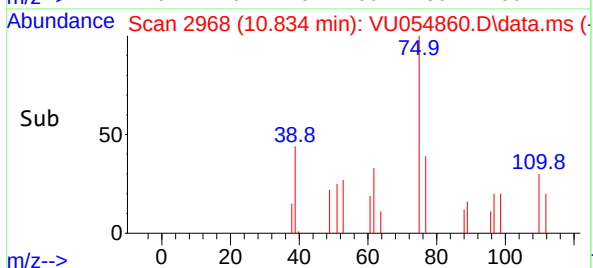
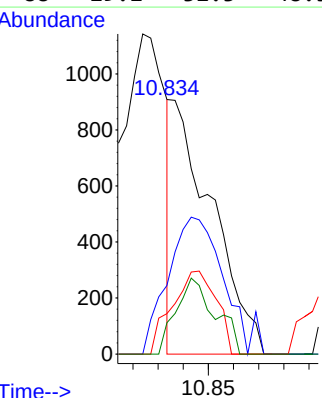
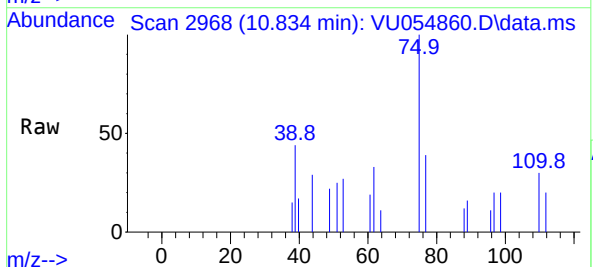
Manual Integrations
APPROVED

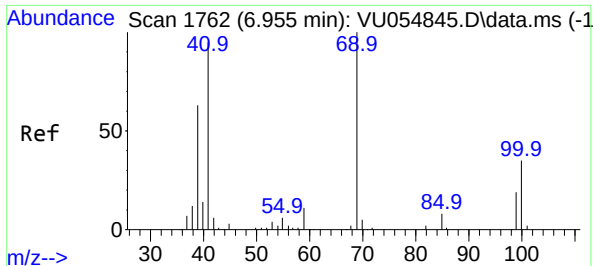
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 0.684 ug/l m
RT: 10.834 min Scan# 2968
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 75 Resp: 1006
Ion Ratio Lower Upper
75 100
53 75.0 62.9 94.3
89 35.9 47.8 71.8#
88 29.2 32.3 48.5#





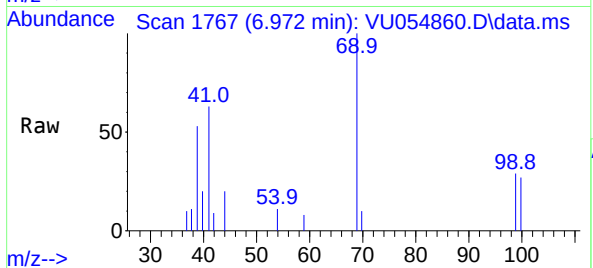
#47
Methyl methacrylate
Concen: 0.820 ug/l
RT: 6.972 min Scan# 1767
Delta R.T. 0.017 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



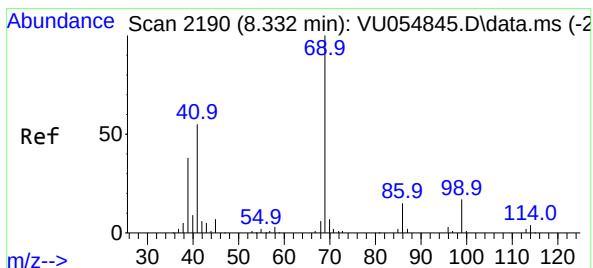
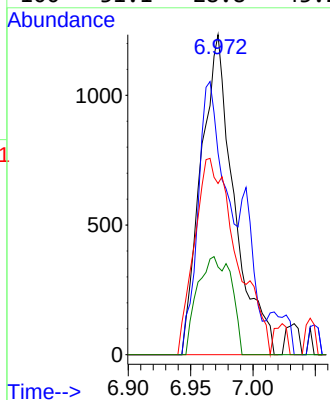
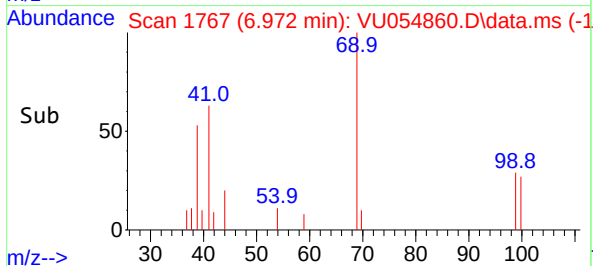
Tgt Ion: 69 Resp: 2284
Ion Ratio Lower Upper
69 100
41 74.1 0.0 193.0
39 77.7 50.4 75.6
100 31.1 28.8 43.2

Manual Integrations

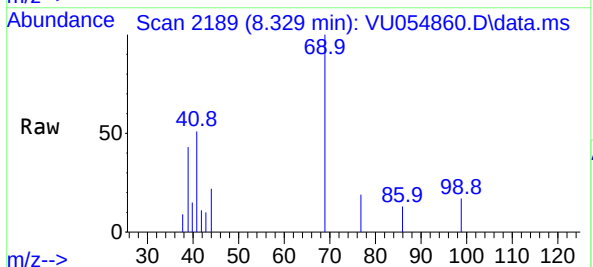
APPROVED

Reviewed By :John Carlone 07/25/2023

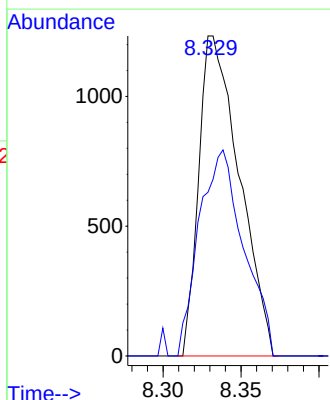
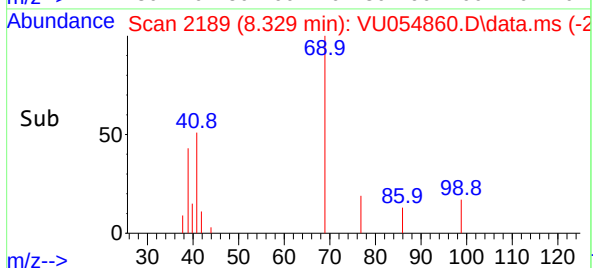
Supervised By :Mahesh Dadoda 07/31/2023

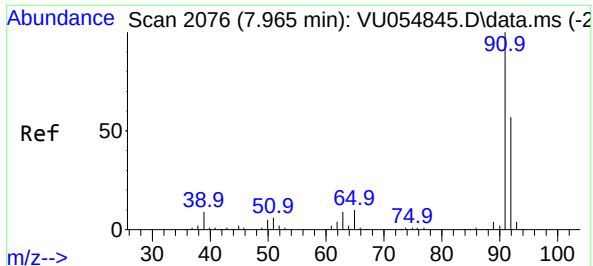


#48
Ethyl methacrylate
Concen: 0.394 ug/l
RT: 8.329 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion: 69 Resp: 2228
Ion Ratio Lower Upper
69 100
41 70.8 28.8 86.5





#49

Toluene

Concen: 0.472 ug/l

RT: 7.969 min Scan# 2076

Delta R.T. 0.004 min

Lab File: VU054860.D

Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 92 Resp: 6650

Ion Ratio Lower Upper

92 100

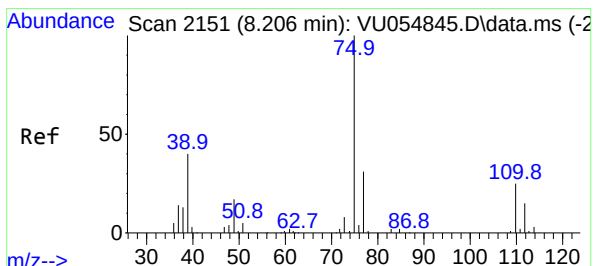
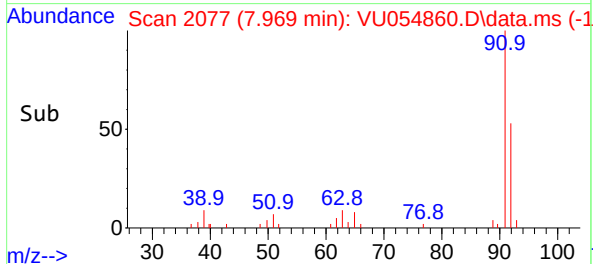
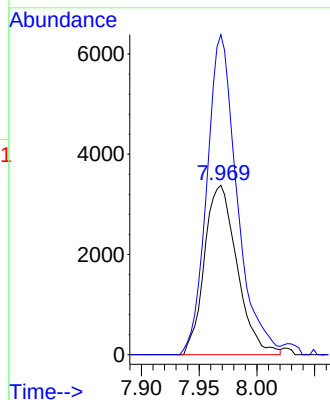
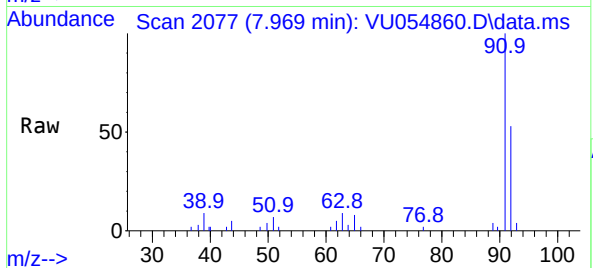
91 174.8 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.412 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.004 min

Lab File: VU054860.D

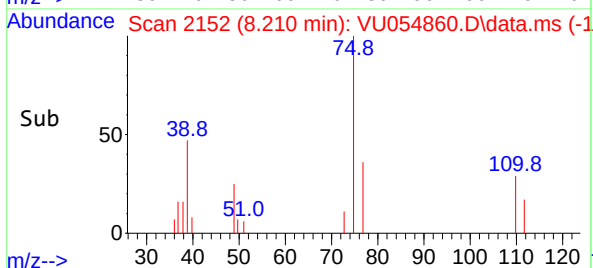
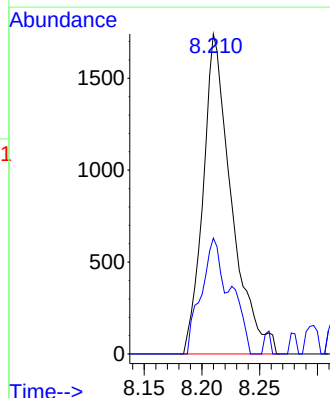
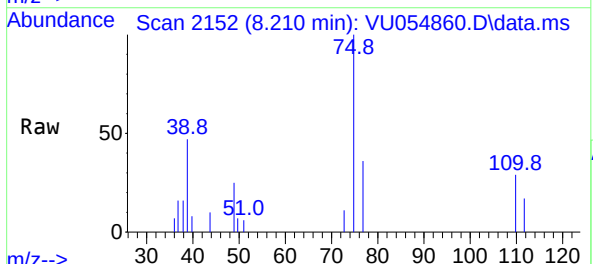
Acq: 24 Jul 2023 15:28

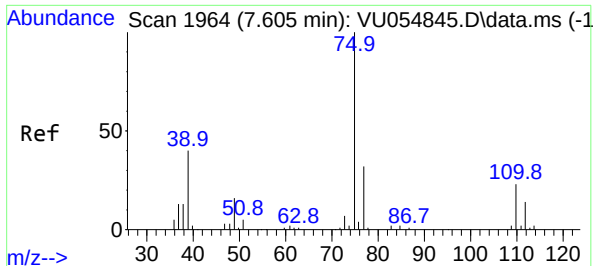
Tgt Ion: 75 Resp: 2967

Ion Ratio Lower Upper

75 100

77 36.2 24.9 37.3





#51
cis-1,3-Dichloropropene
Concen: 0.435 ug/l
RT: 7.609 min Scan# 1964
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

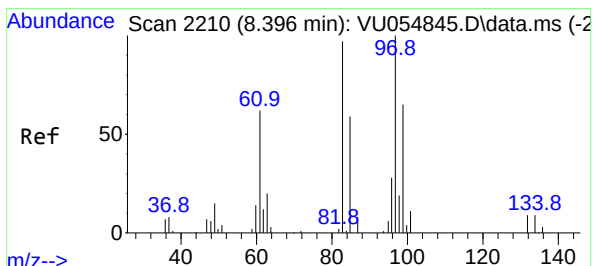
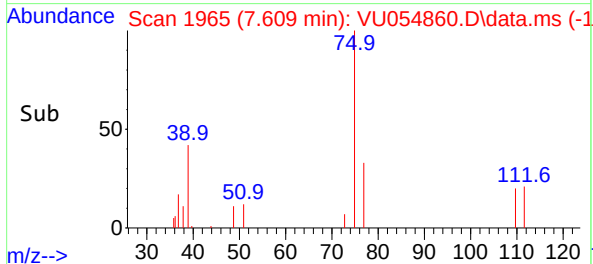
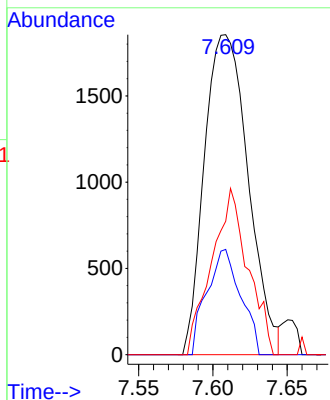
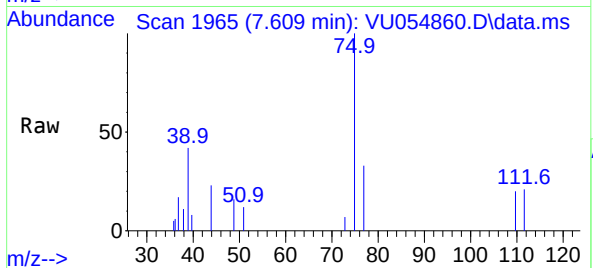
RL-CHECK

Tgt Ion: 75 Resp: 3808
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
39 49.9 31.7 47.5

Manual Integrations

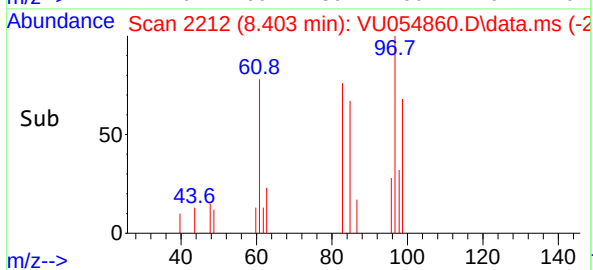
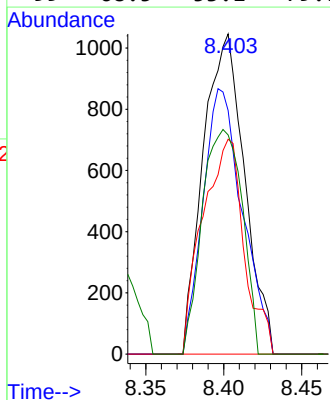
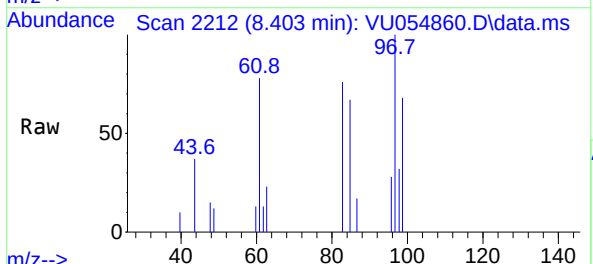
APPROVED

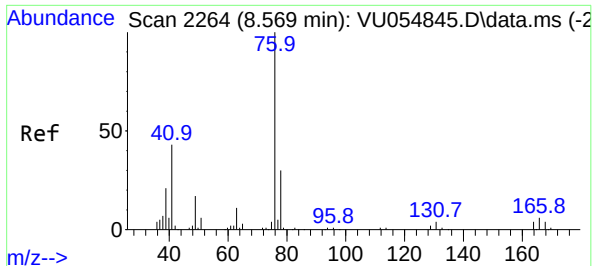
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
1,1,2-Trichloroethane
Concen: 0.431 ug/l
RT: 8.403 min Scan# 2212
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

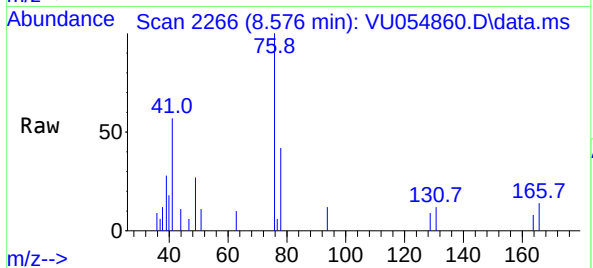
Tgt Ion: 97 Resp: 1928
Ion Ratio Lower Upper
97 100
83 76.1 77.4 116.2#
85 67.1 47.8 71.8
99 68.5 53.1 79.7





#53
1,3-Dichloropropane
Concen: 0.474 ug/l
RT: 8.576 min Scan# 2101
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

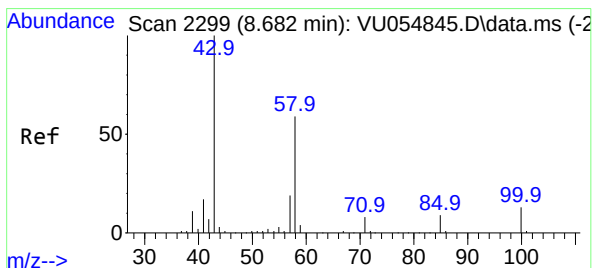
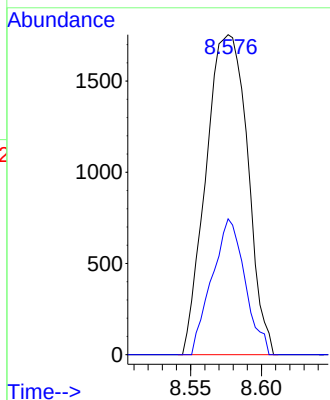
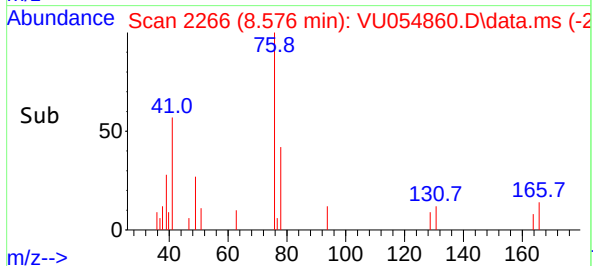
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



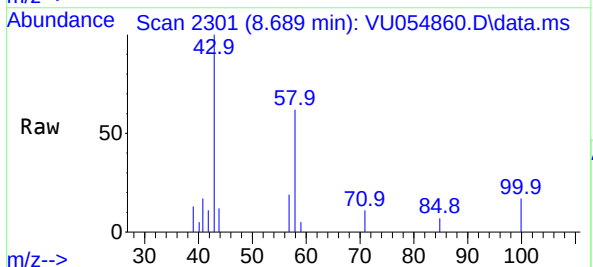
Tgt Ion: 76 Resp: 3570
Ion Ratio Lower Upper
76 100
78 33.7 24.6 36.8

Manual Integrations
APPROVED

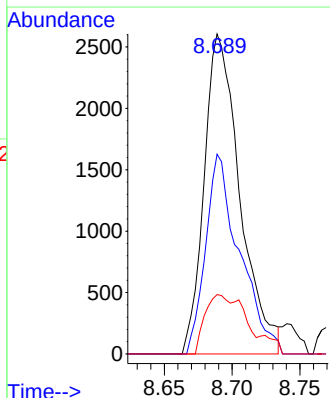
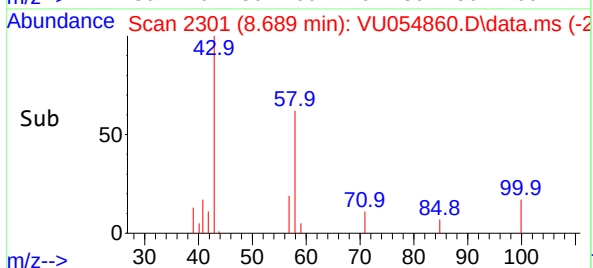
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

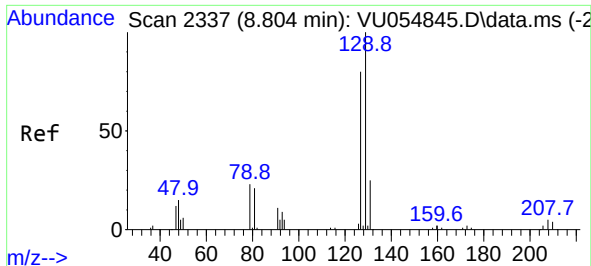


#54
2-Hexanone
Concen: 1.952 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



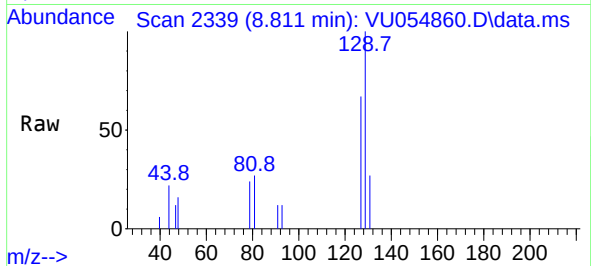
Tgt Ion: 43 Resp: 4777
Ion Ratio Lower Upper
43 100
58 59.4 38.9 78.9
57 22.6 0.0 38.7





#55
Dibromochloromethane
Concen: 0.408 ug/l
RT: 8.811 min Scan# 2180
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

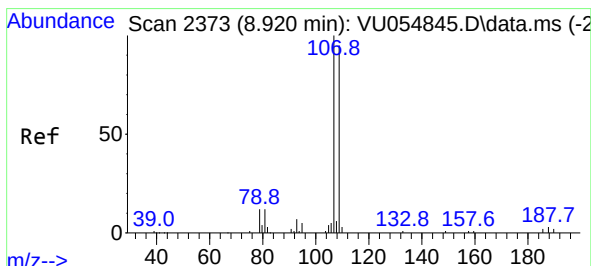
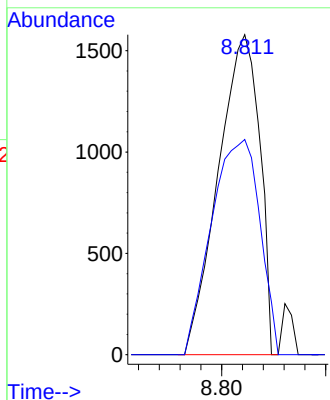
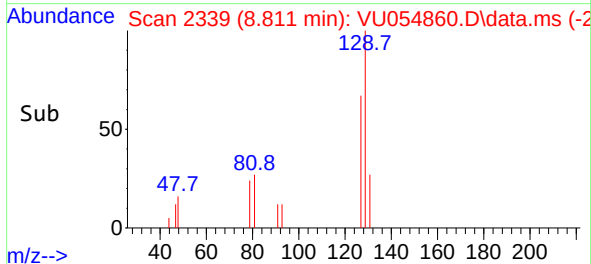
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



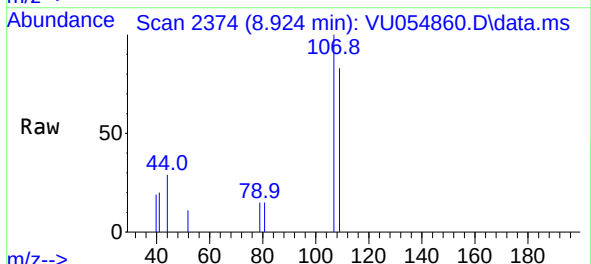
Tgt Ion:129 Resp: 2180
Ion Ratio Lower Upper
129 100
127 78.7 61.4 92.0

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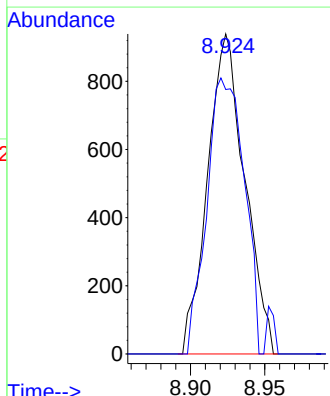
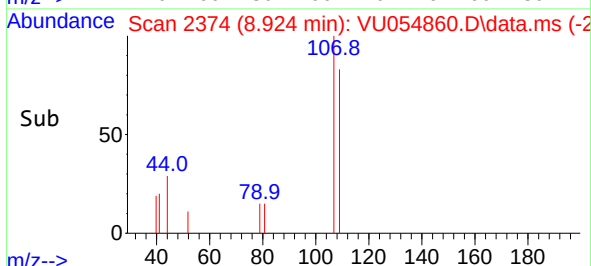
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

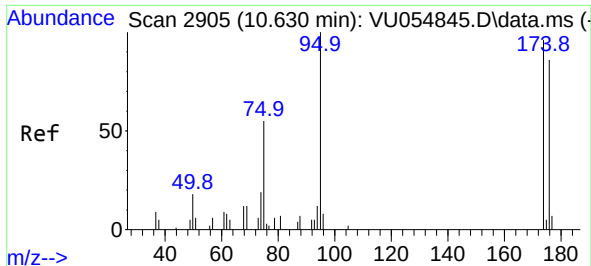


#56
1,2-Dibromoethane
Concen: 0.417 ug/l
RT: 8.924 min Scan# 2374
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



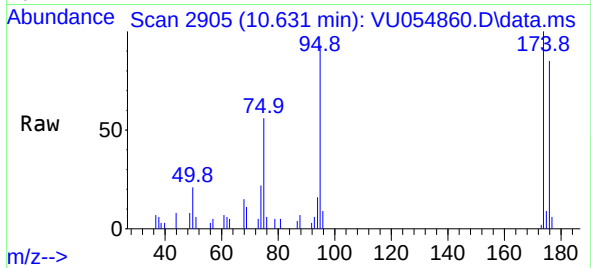
Tgt Ion:107 Resp: 1632
Ion Ratio Lower Upper
107 100
109 86.9 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

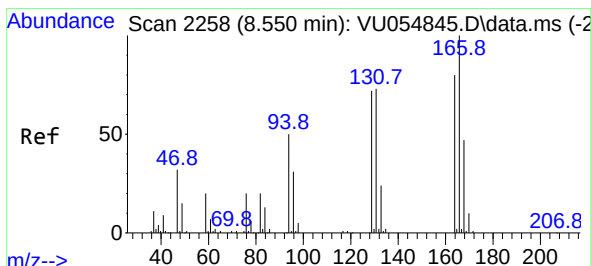
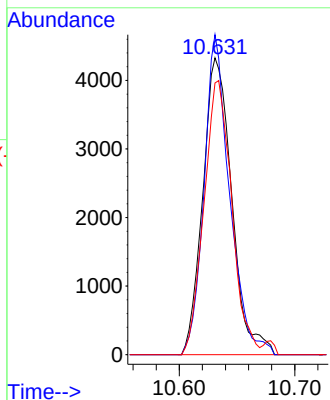
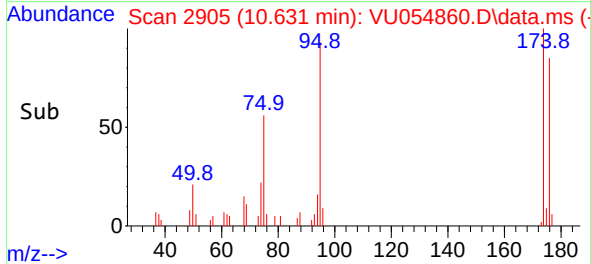
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



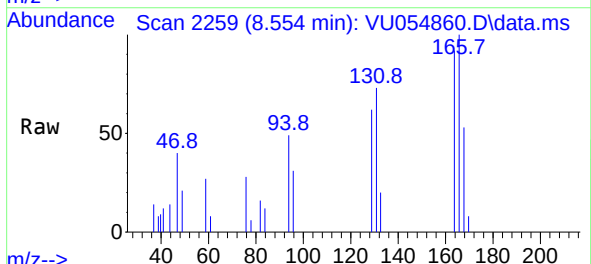
Tgt Ion: 95 Resp: 753
Ion Ratio Lower Upper
95 100
174 95.4 79.3 118.9
176 88.5 71.5 107.3

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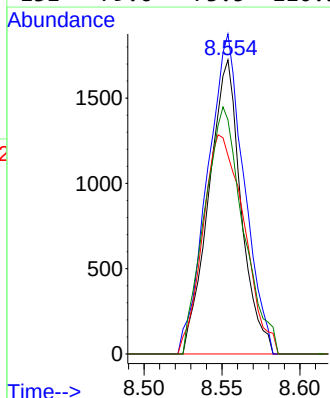
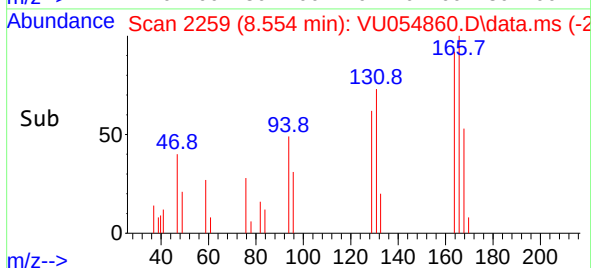
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

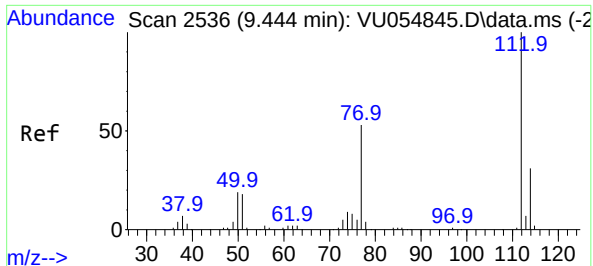


#58
Tetrachloroethene
Concen: 0.478 ug/l
RT: 8.554 min Scan# 2259
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



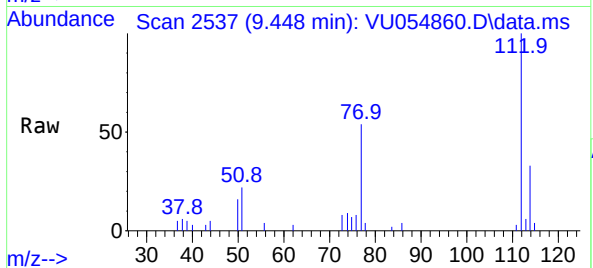
Tgt Ion:164 Resp: 2486
Ion Ratio Lower Upper
164 100
166 108.8 100.4 150.6
129 67.5 71.9 107.9#
131 79.6 73.5 110.3





#59
Chlorobenzene
Concen: 0.451 ug/l
RT: 9.448 min Scan# 2537
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

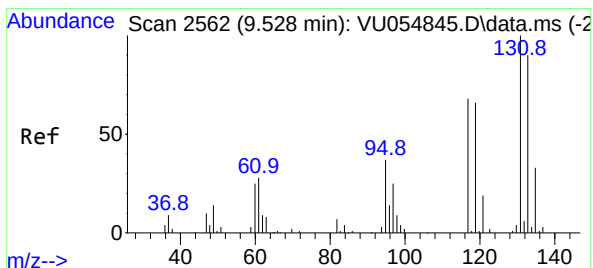
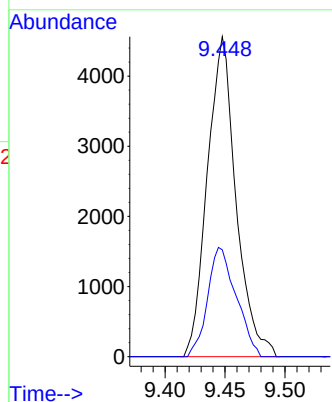
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



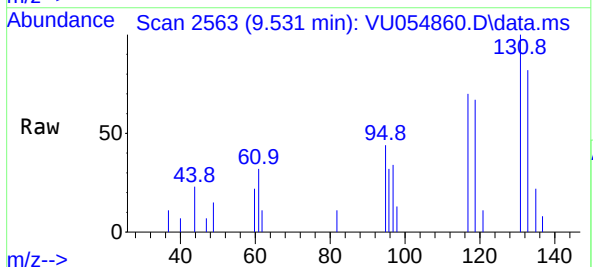
Tgt Ion:112 Resp: 7584
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.6

Manual Integrations
APPROVED

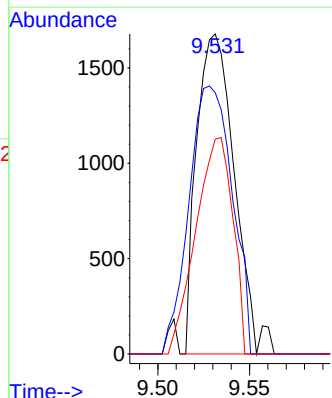
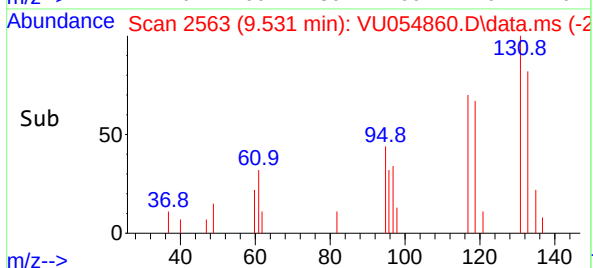
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

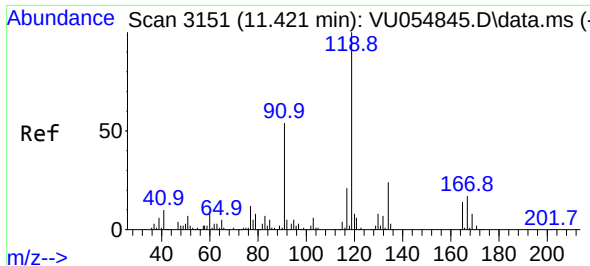


#60
1,1,1,2-Tetrachloroethane
Concen: 0.407 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion:131 Resp: 2413
Ion Ratio Lower Upper
131 100
133 95.9 74.2 111.4
119 65.9 51.0 76.4





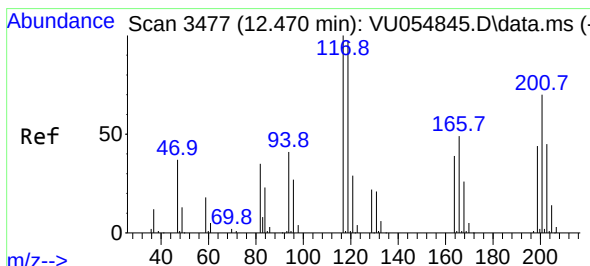
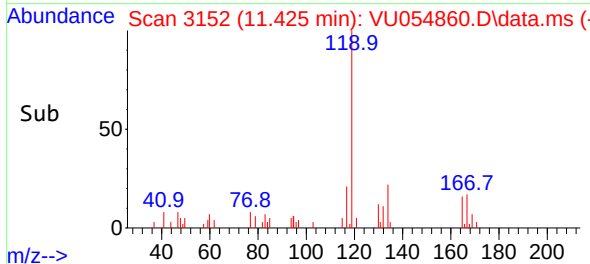
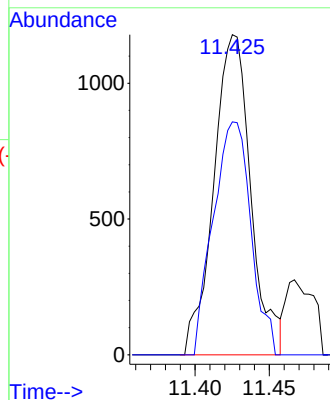
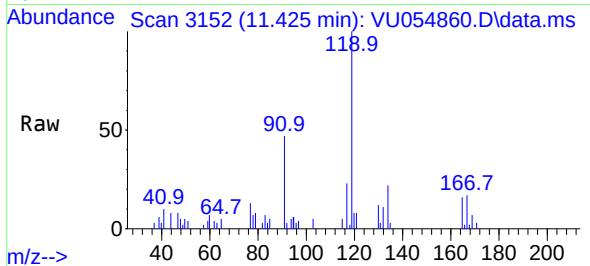
#61
Pentachloroethane
Concen: 0.439 ug/l
RT: 11.425 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:117 Resp: 2049
Ion Ratio Lower Upper
117 100
167 73.8 65.3 97.9

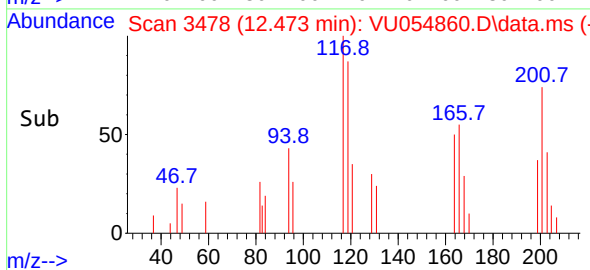
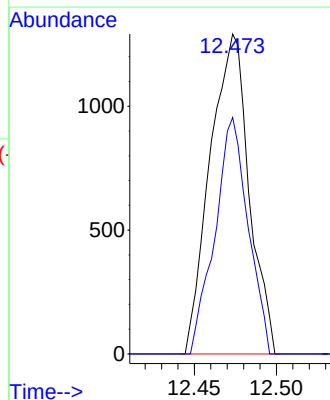
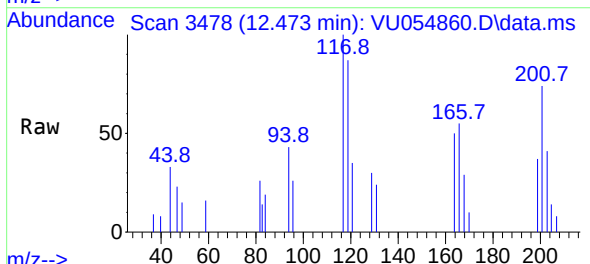
Manual Integrations
APPROVED

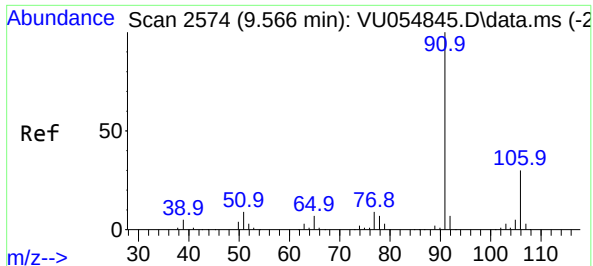
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 0.444 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Tgt Ion:117 Resp: 2130
Ion Ratio Lower Upper
117 100
201 62.9 56.1 84.1





#63

Ethyl Benzene

Concen: 0.442 ug/l

RT: 9.570 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU054860.D

Acq: 24 Jul 2023 15:28

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 91 Resp: 1266

Ion Ratio Lower Upper

91 100

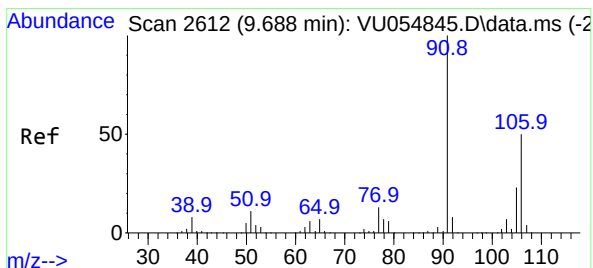
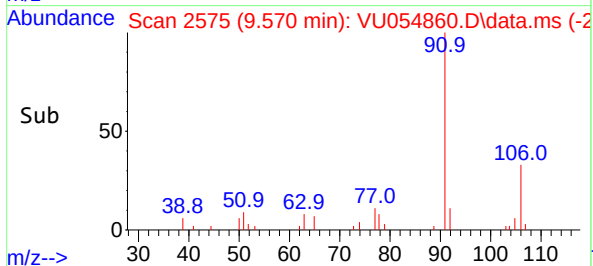
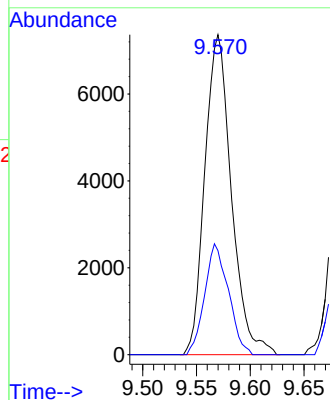
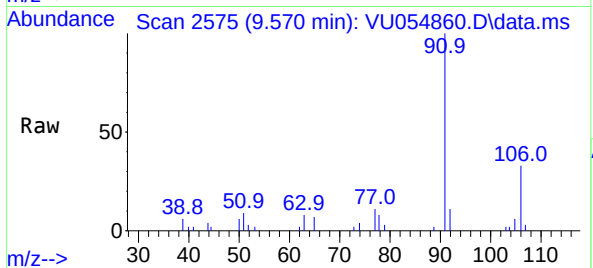
106 32.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

m/p-Xylenes

Concen: 0.907 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU054860.D

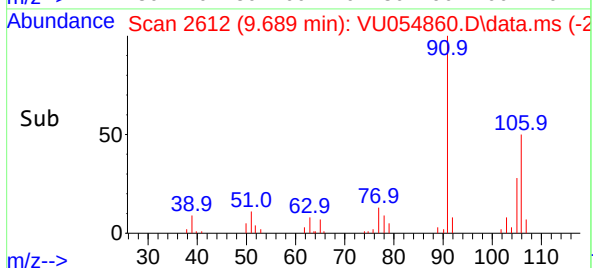
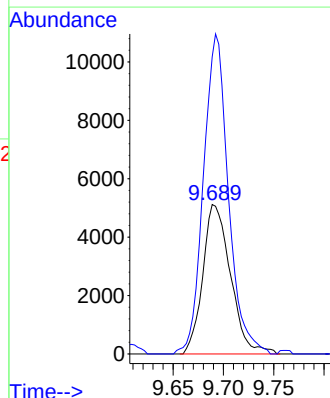
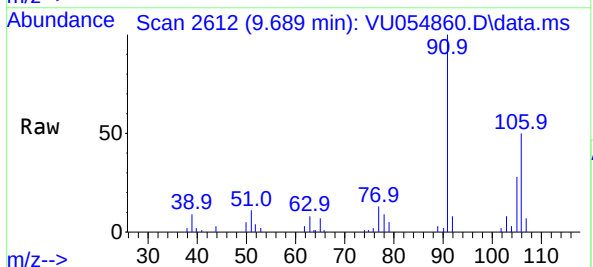
Acq: 24 Jul 2023 15:28

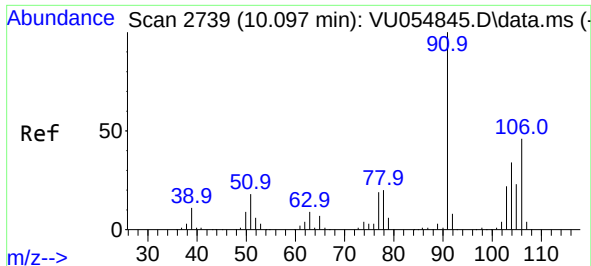
Tgt Ion:106 Resp: 9818

Ion Ratio Lower Upper

106 100

91 192.7 158.8 238.2





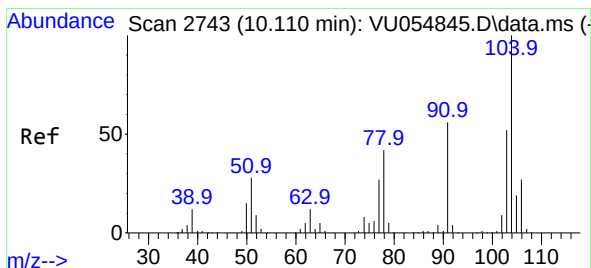
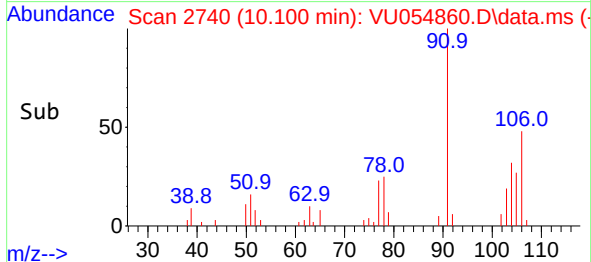
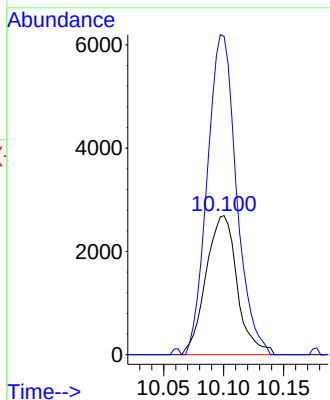
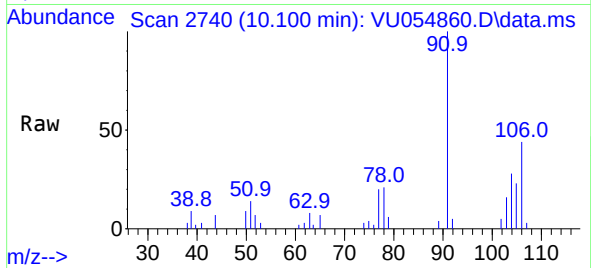
#65
o-Xylene
Concen: 0.447 ug/l
RT: 10.100 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:106 Resp: 4872
Ion Ratio Lower Upper
106 100
91 215.4 108.9 326.8

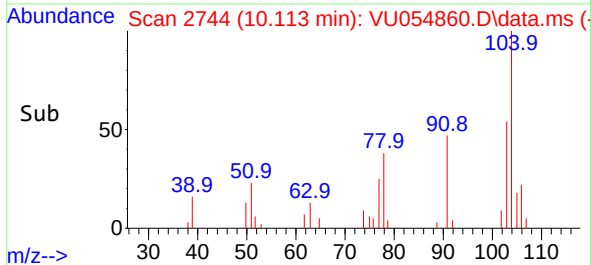
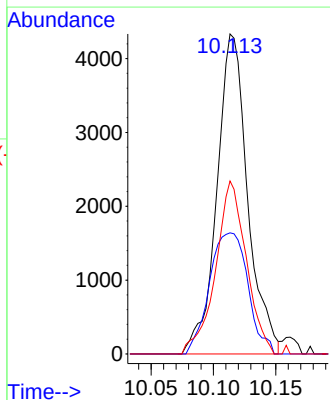
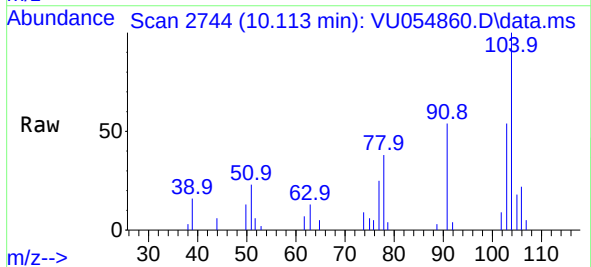
Manual Integrations
APPROVED

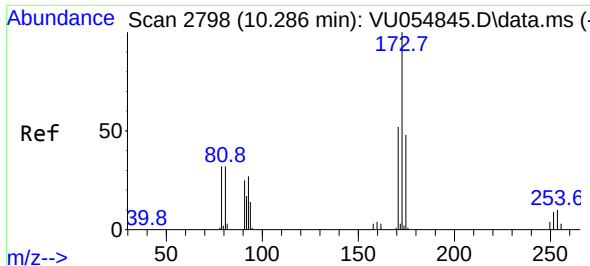
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 0.425 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

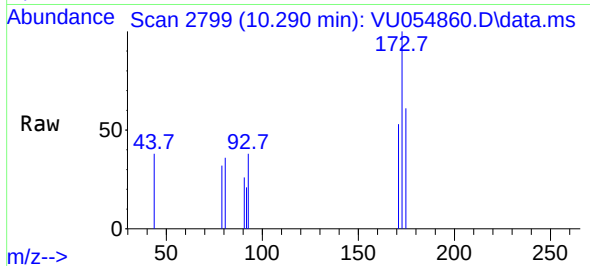
Tgt Ion:104 Resp: 7442
Ion Ratio Lower Upper
104 100
78 47.2 37.5 56.3
103 53.9 45.2 67.8





#67
Bromoform
Concen: 0.411 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

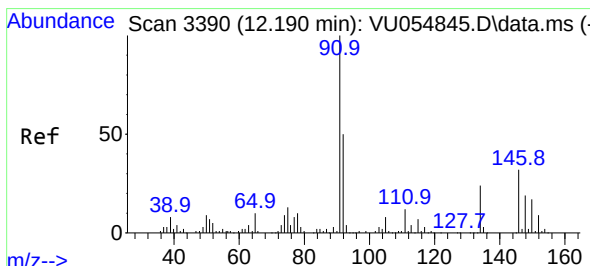
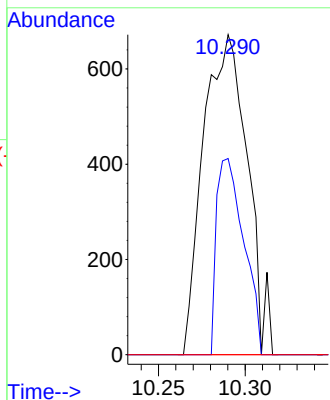
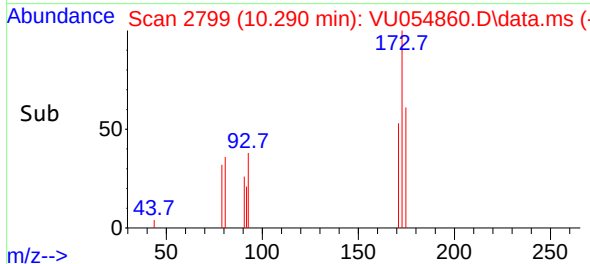
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



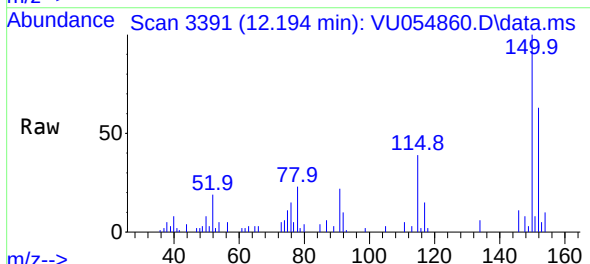
Tgt Ion:173 Resp: 118
Ion Ratio Lower Upper
173 100
175 38.1 39.0 58.6
254 0.0 7.4 11.0

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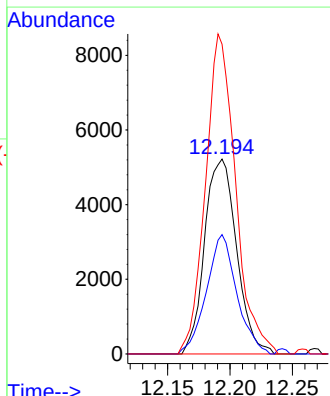
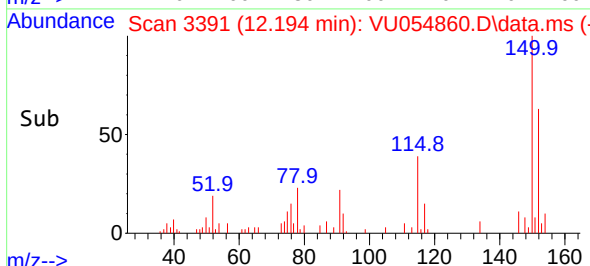
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

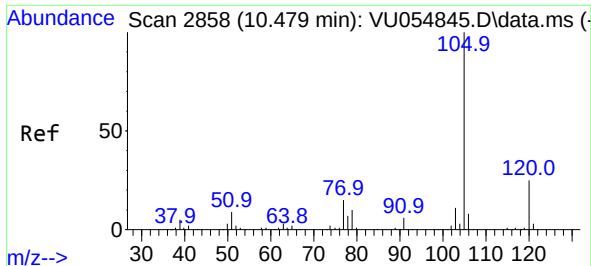


#68
1,2-Dichlorobenzene-d4
Concen: 1.043 ug/l
RT: 12.194 min Scan# 3391
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion:152 Resp: 9333
Ion Ratio Lower Upper
152 100
115 58.2 0.0 234.8
150 154.2 0.0 598.2





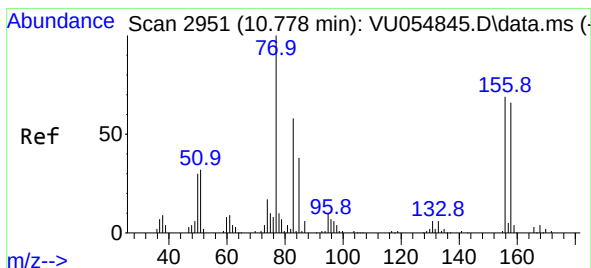
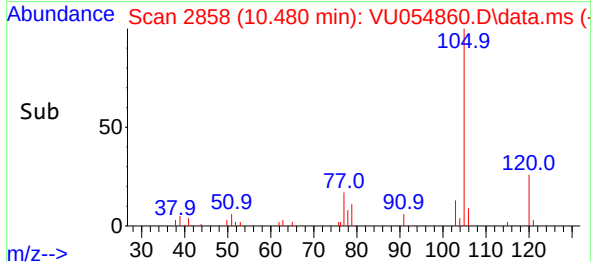
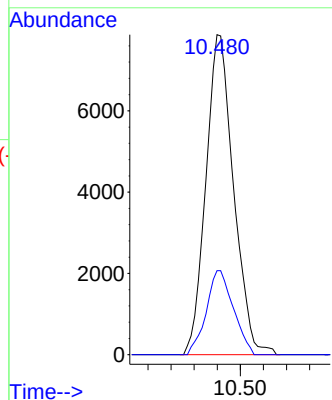
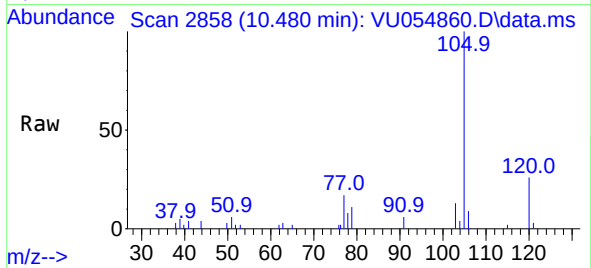
#69
Isopropylbenzene
Concen: 0.443 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:105 Resp: 13104
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

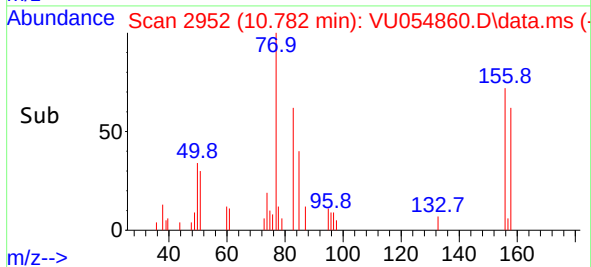
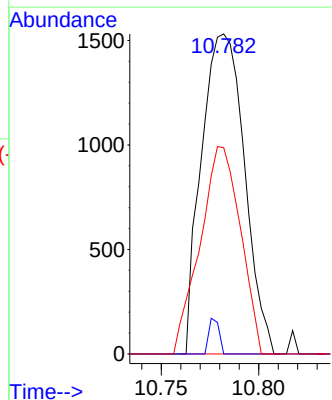
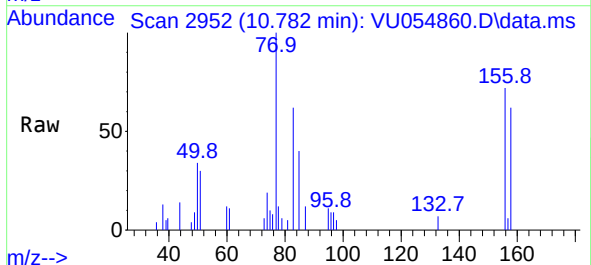
Manual Integrations
APPROVED

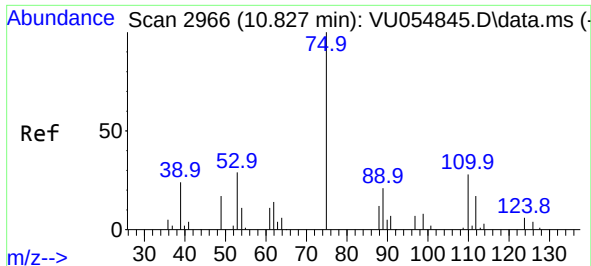
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.421 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

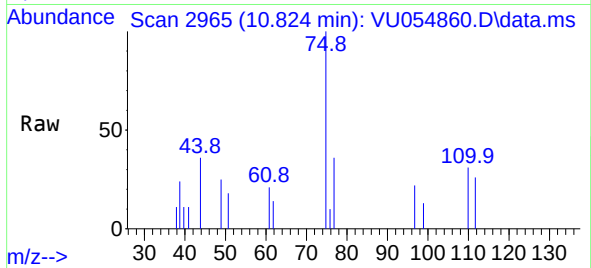
Tgt Ion: 83 Resp: 2351
Ion Ratio Lower Upper
83 100
131 2.6 7.5 11.3#
85 60.7 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.434 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

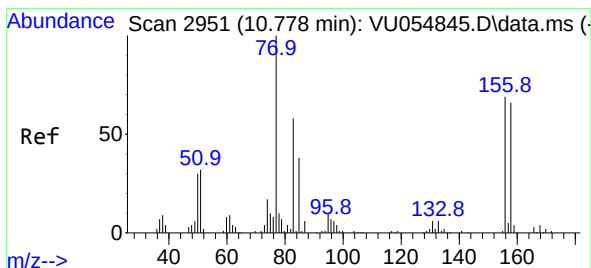
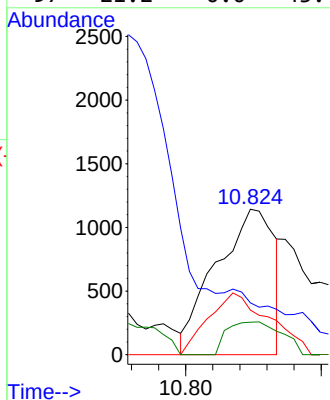
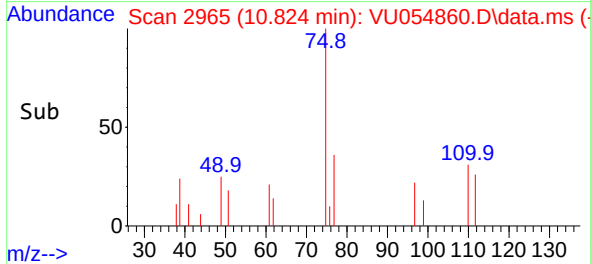
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



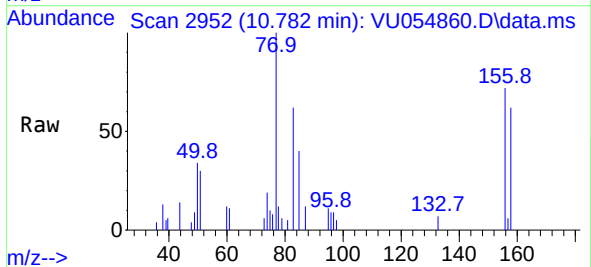
Tgt Ion: 75	Resp: 1700
Ion Ratio	Lower Upper
75	100
77	0.0 0.0
110	44.6 0.0 80.8
97	21.2 0.0 43.4

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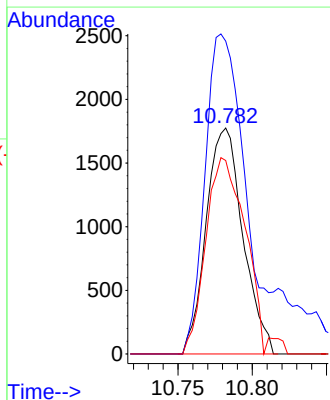
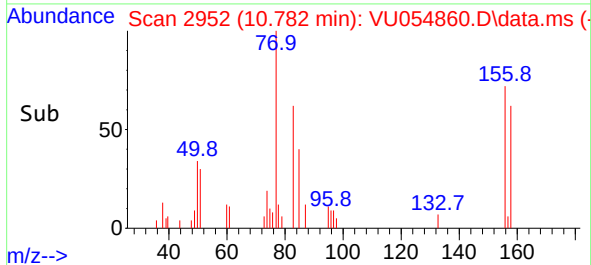
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

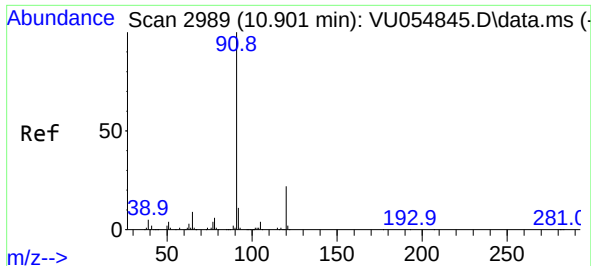


#72
Bromobenzene
Concen: 0.448 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion: 156	Resp: 3057
Ion Ratio	Lower Upper
156	100
77	151.8 0.0 293.2
158	94.3 0.0 189.8





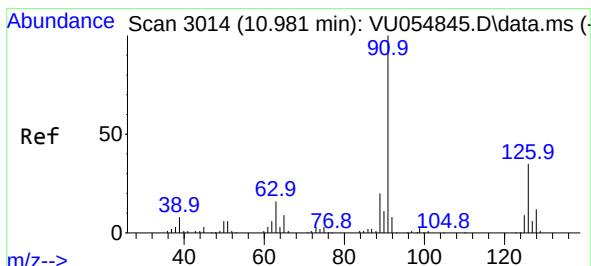
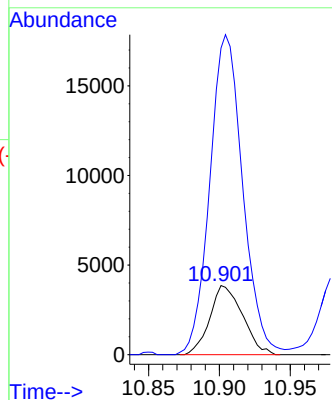
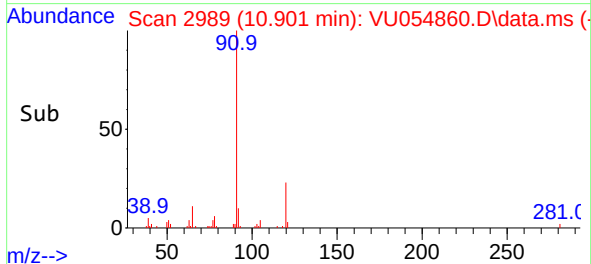
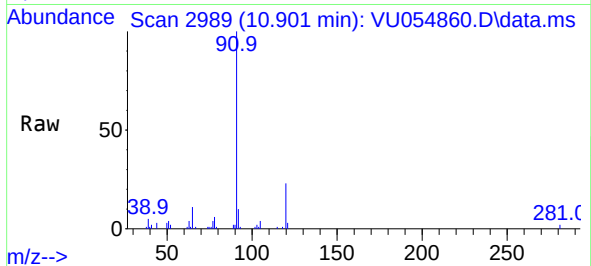
#73
n-propylbenzene
Concen: 0.780 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

Instrument :
MSVOA_U
Client SampleId :
RL-CHECK

Tgt Ion:120 Resp: 6200
Ion Ratio Lower Upper
120 100
91 465.0 361.8 542.6

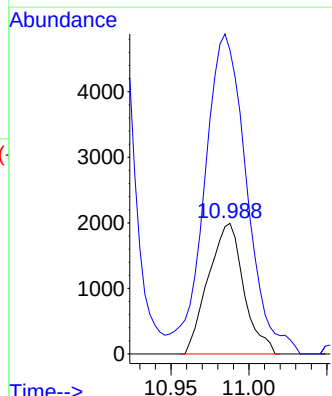
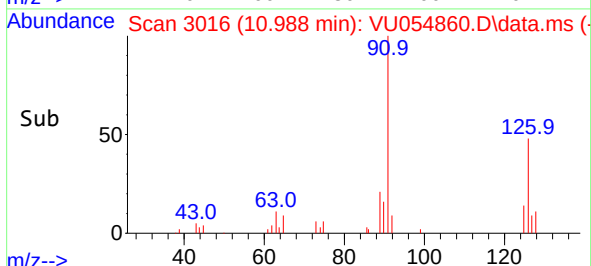
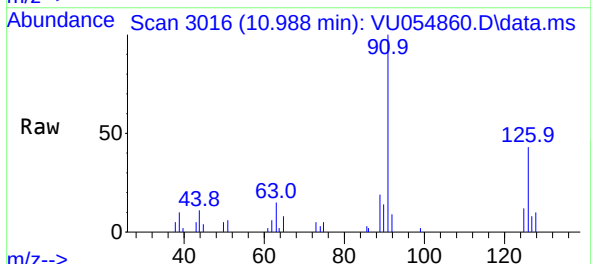
Manual Integrations
APPROVED

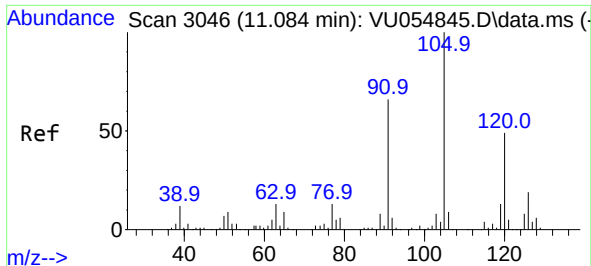
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 0.455 ug/l
RT: 10.988 min Scan# 3016
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

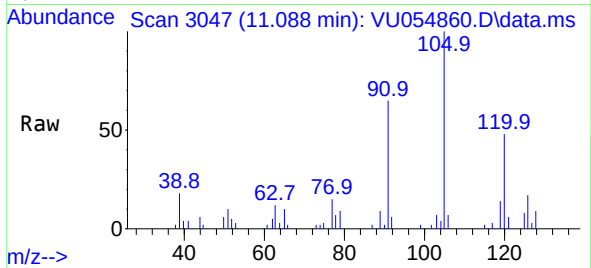
Tgt Ion:126 Resp: 3151
Ion Ratio Lower Upper
126 100
91 289.9 0.0 561.4





#75
1,3,5-Trimethylbenzene
Concen: 0.425 ug/l
RT: 11.088 min Scan# 3046
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

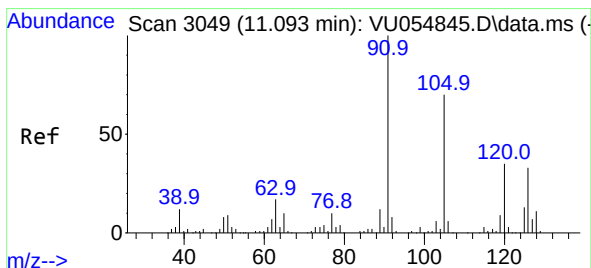
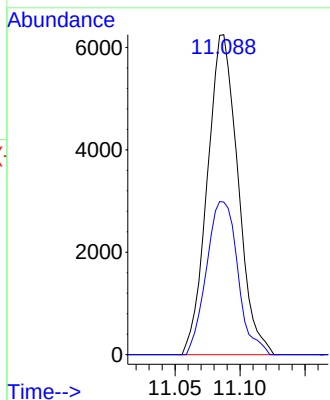
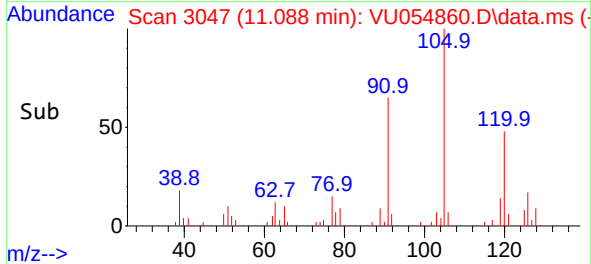
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



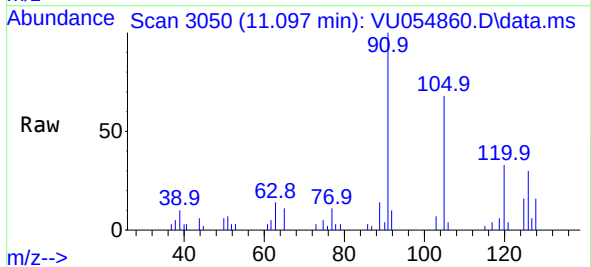
Tgt Ion:105 Resp: 10240
Ion Ratio Lower Upper
105 100
120 49.0 39.0 58.4

Manual Integrations
APPROVED

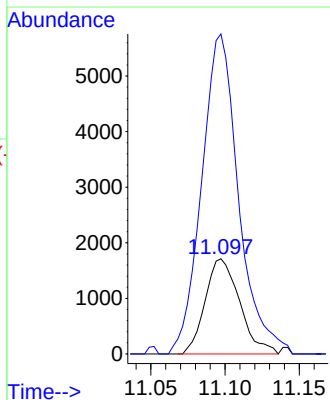
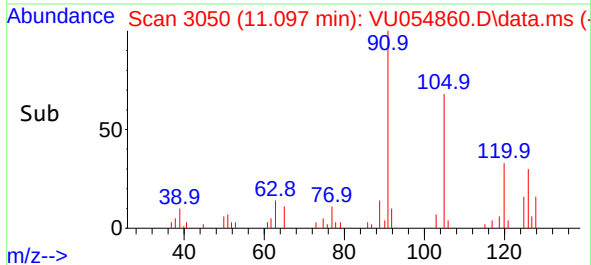
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

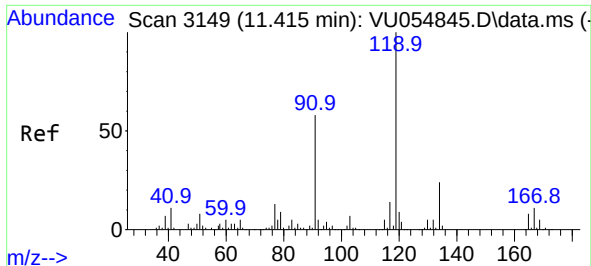


#76
4-Chlorotoluene
Concen: 0.389 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



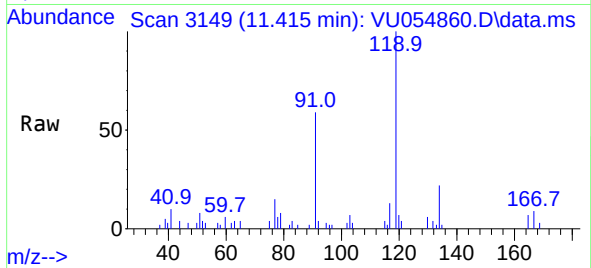
Tgt Ion:126 Resp: 2766
Ion Ratio Lower Upper
126 100
91 359.5 0.0 623.4





#77
tert-Butylbenzene
Concen: 0.461 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

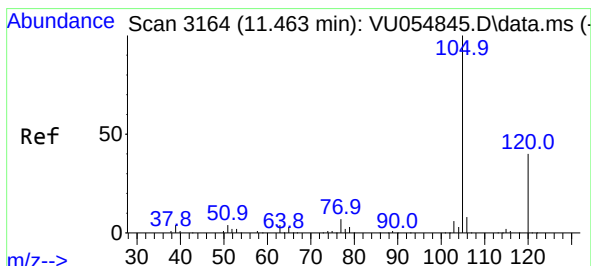
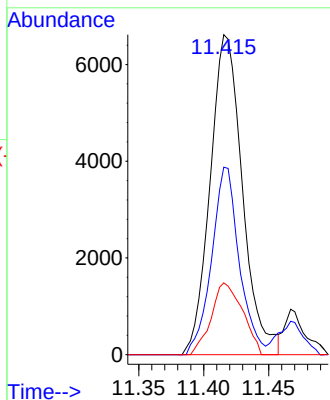
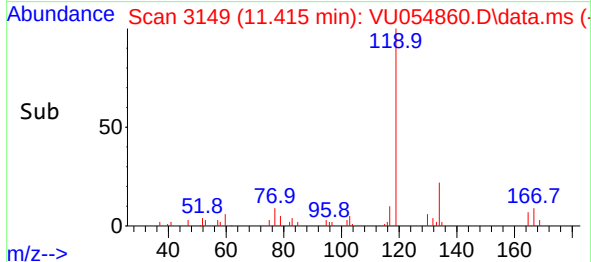
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



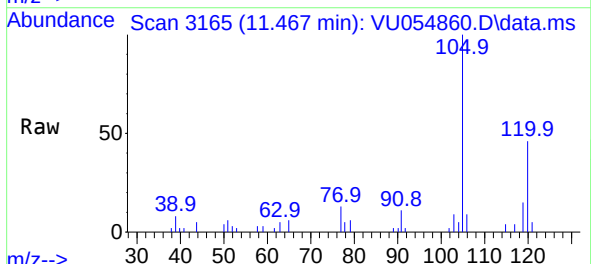
Tgt Ion:119 Resp: 11439
Ion Ratio Lower Upper
119 100
91 50.1 27.7 83.1
134 21.8 18.6 27.8

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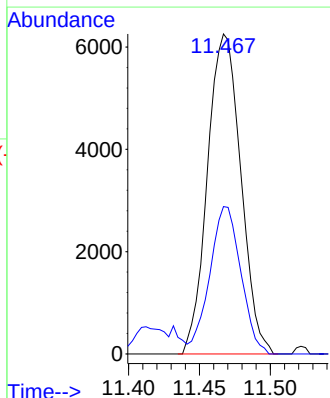
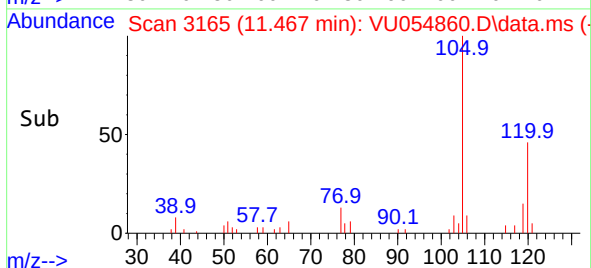
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

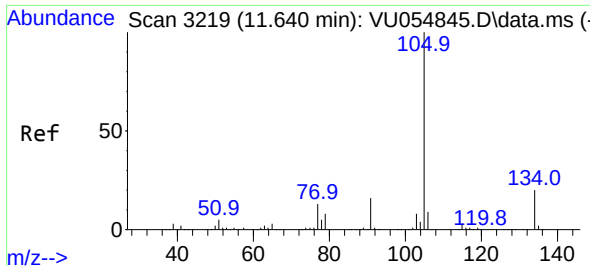


#78
1,2,4-Trimethylbenzene
Concen: 0.422 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



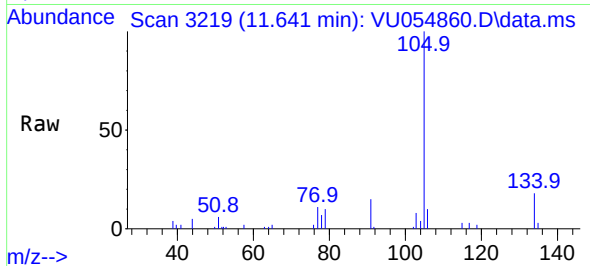
Tgt Ion:105 Resp: 10241
Ion Ratio Lower Upper
105 100
120 43.0 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.398 ug/l
 RT: 11.641 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: VU054860.D
 Acq: 24 Jul 2023 15:28

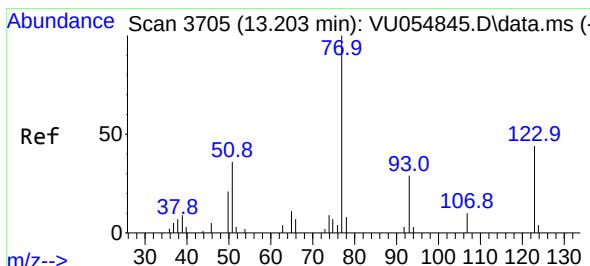
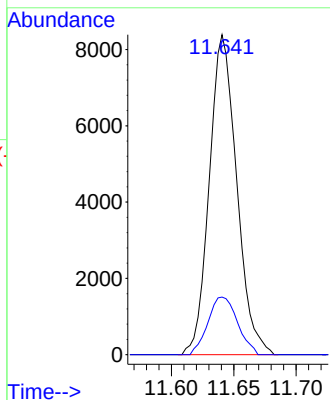
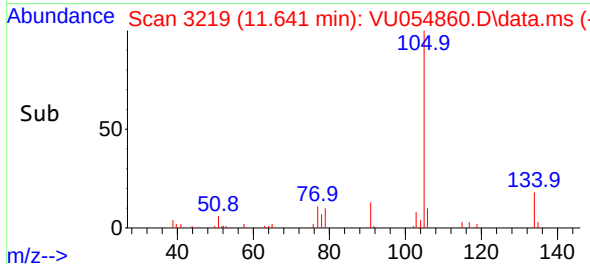
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



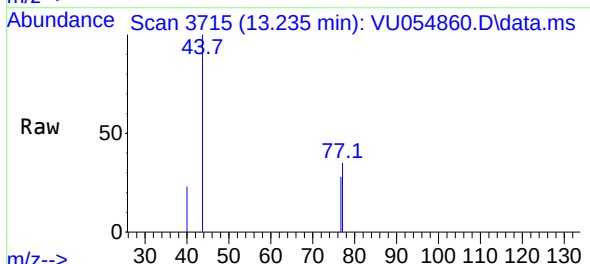
Tgt Ion:105 Resp: 12830
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5

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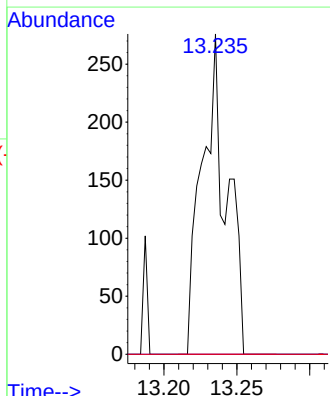
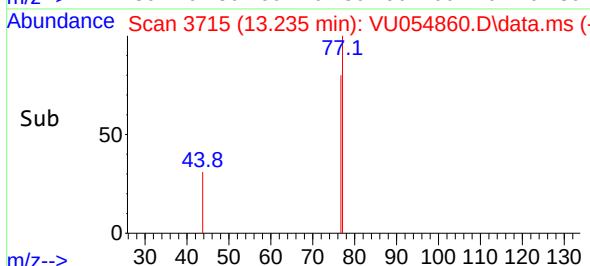
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023

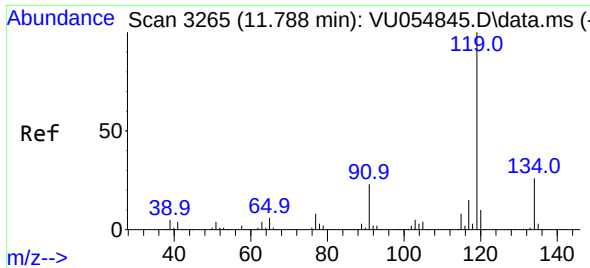


#80
 Nitrobenzene
 Concen: 1.996 ug/l m
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.032 min
 Lab File: VU054860.D
 Acq: 24 Jul 2023 15:28



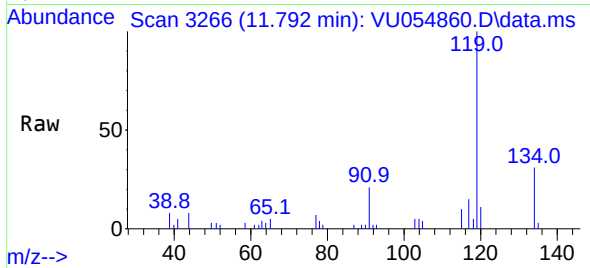
Tgt Ion: 77 Resp: 323
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 0.0 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.382 ug/l
RT: 11.792 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

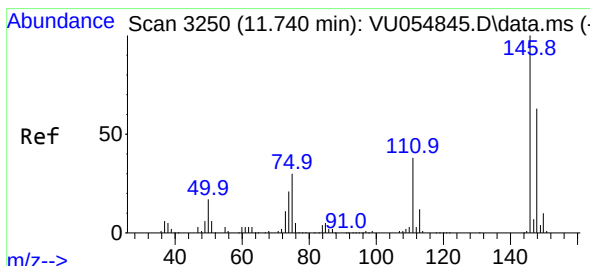
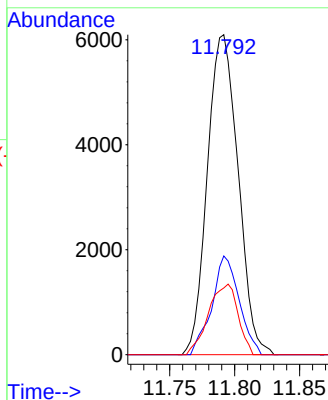
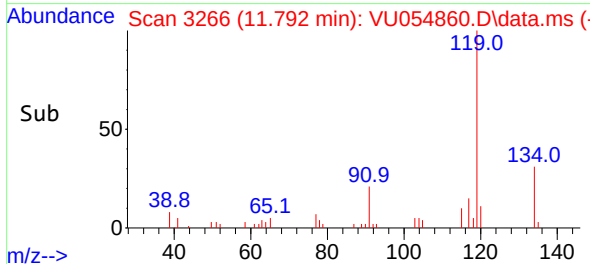
Instrument :
MSVOA_U
ClientSampleId :
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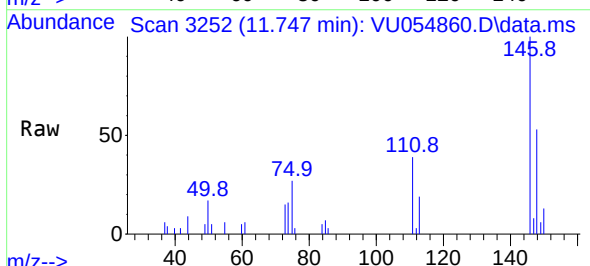
Tgt Ion:119 Resp: 10029
Ion Ratio Lower Upper
119 100
134 27.4 20.6 31.0
91 21.1 18.2 27.4

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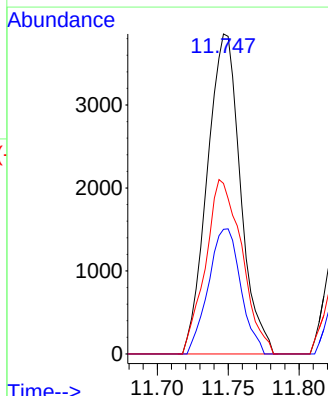
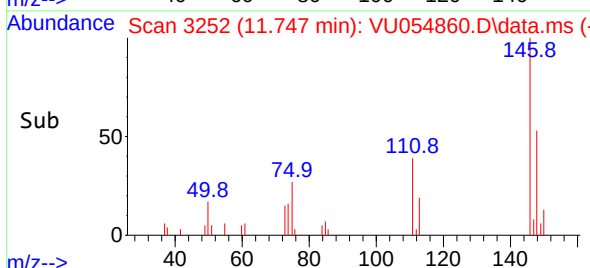
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

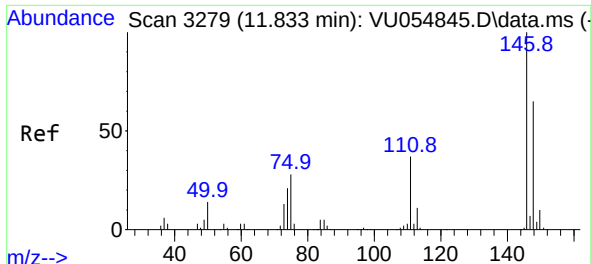


#82
1,3-Dichlorobenzene
Concen: 0.459 ug/l
RT: 11.747 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



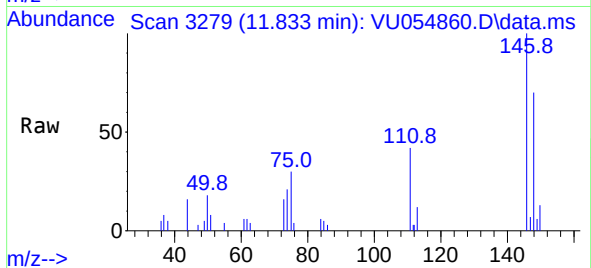
Tgt Ion:146 Resp: 6280
Ion Ratio Lower Upper
146 100
111 38.1 30.5 45.7
148 59.6 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.448 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

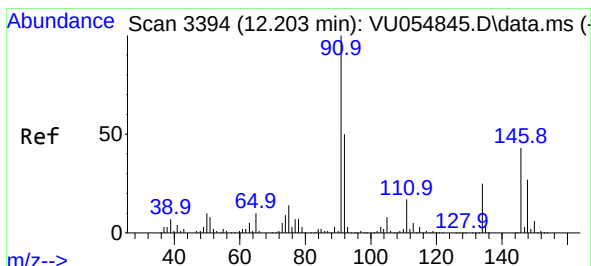
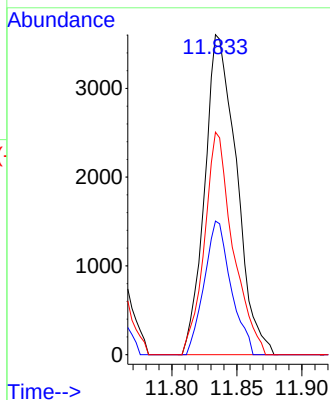
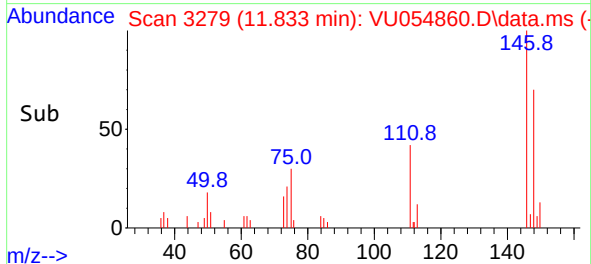
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



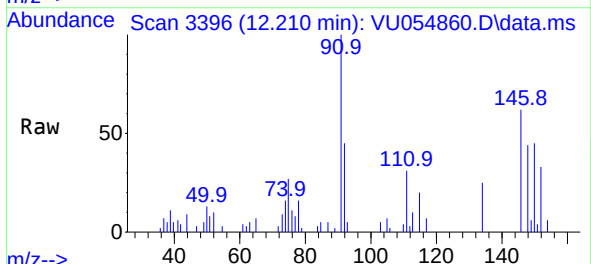
Tgt Ion:146 Resp: 6138
Ion Ratio Lower Upper
146 100
111 35.0 29.5 44.3
148 62.3 51.2 76.8

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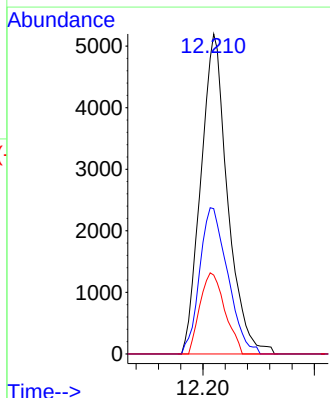
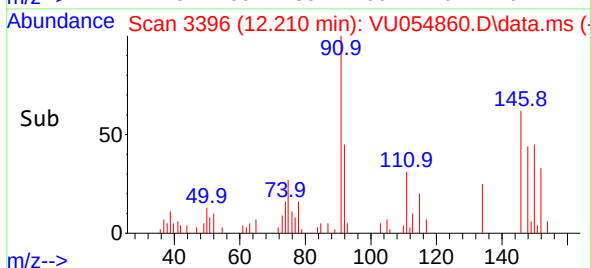
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

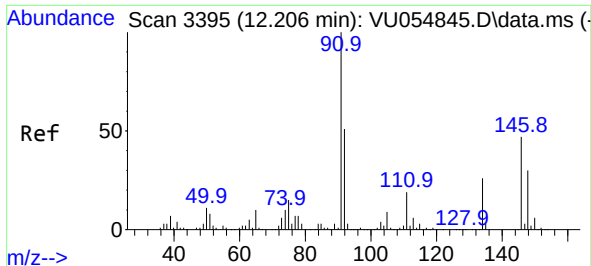


#84
n-Butylbenzene
Concen: 0.358 ug/l
RT: 12.210 min Scan# 3396
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



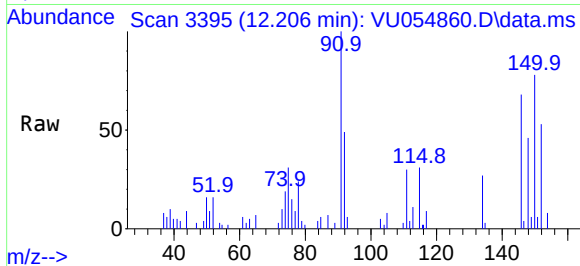
Tgt Ion: 91 Resp: 8651
Ion Ratio Lower Upper
91 100
92 48.0 39.8 59.8
134 23.5 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 0.438 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

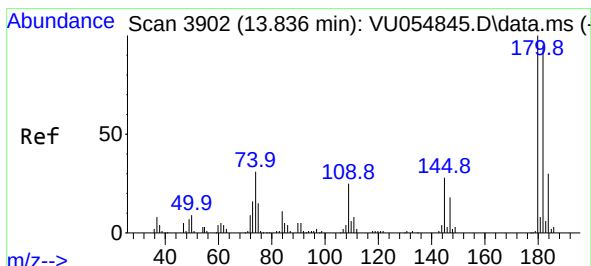
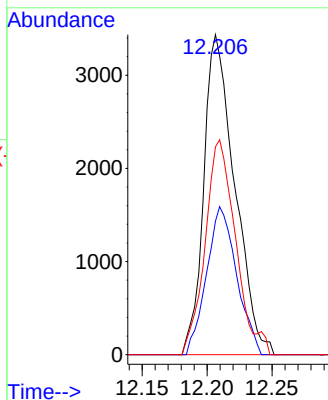
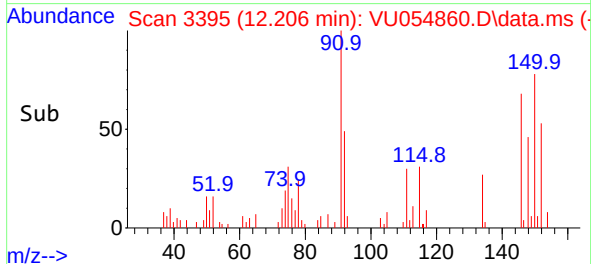
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



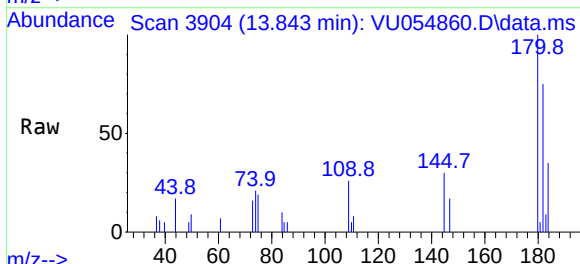
Tgt Ion:146 Resp: 5699
Ion Ratio Lower Upper
146 100
111 44.9 19.8 59.4
148 66.0 31.8 95.3

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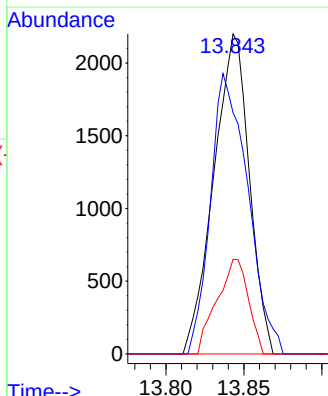
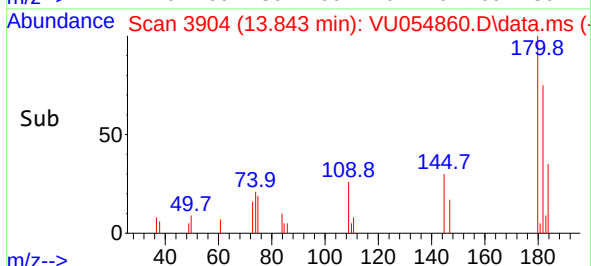
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

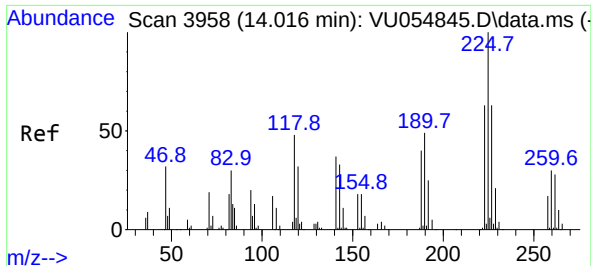


#87
1,2,4-Trichlorobenzene
Concen: 0.418 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



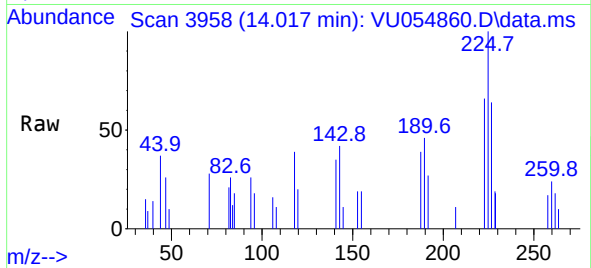
Tgt Ion:180 Resp: 3485
Ion Ratio Lower Upper
180 100
182 91.9 77.0 115.6
145 26.0 23.4 35.0





#88
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 14.017 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28

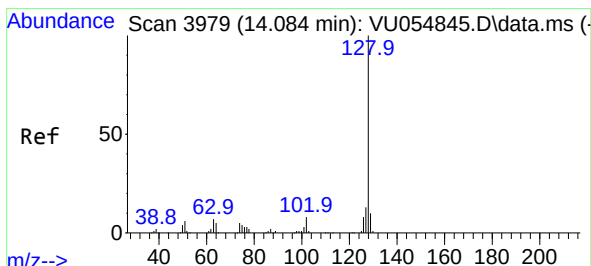
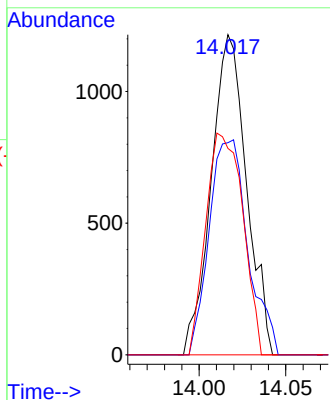
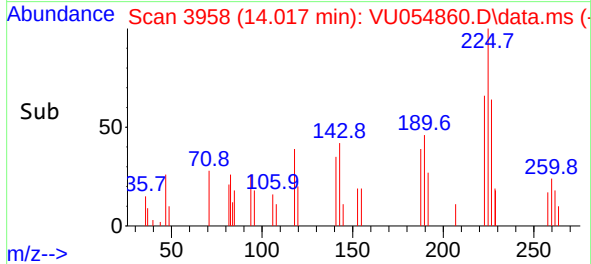
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



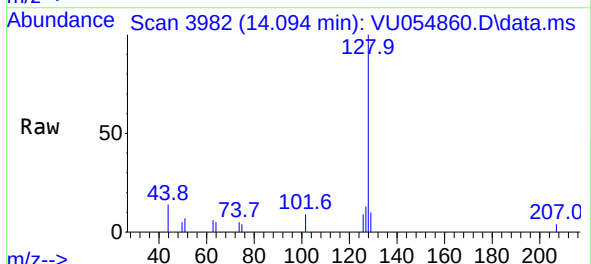
Tgt Ion:225 Resp: 1720
Ion Ratio Lower Upper
225 100
223 73.5 50.6 76.0
227 72.2 50.7 76.1

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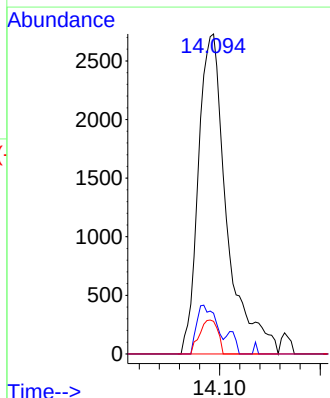
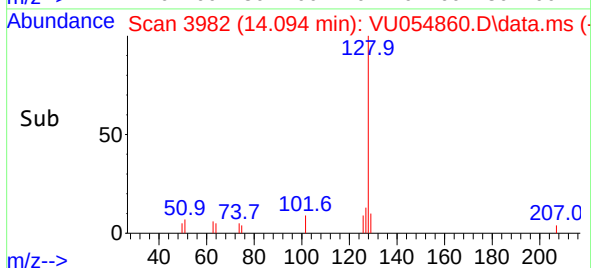
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

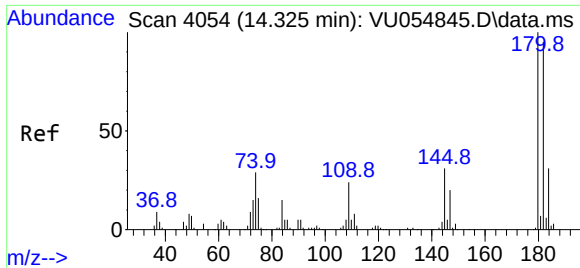


#89
Naphthalene
Concen: 0.396 ug/l
RT: 14.094 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU054860.D
Acq: 24 Jul 2023 15:28



Tgt Ion:128 Resp: 5346
Ion Ratio Lower Upper
128 100
127 10.4 10.6 15.8#
129 6.8 8.7 13.1#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.405 ug/l
 RT: 14.329 min Scan# 4054
 Delta R.T. 0.004 min
 Lab File: VU054860.D
 Acq: 24 Jul 2023 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.0	114.0
145	32.7	24.3	36.5

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

