

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054890.D
 Acq On : 27 Jul 2023 10:15
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 05:34:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	28384	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	9629	1.119	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10205	1.049	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	48615	8.995	ug/l	98
3) Chloromethane	1.518	50	55946	9.214	ug/l	95
4) Vinyl Chloride	1.602	62	75428	9.302	ug/l	96
5) Bromomethane	1.856	94	59331	9.223	ug/l	100
6) Chloroethane	1.930	64	71339	8.512	ug/l	99
7) Trichlorofluoromethane	2.136	101	155571	8.167	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	56895	9.216	ug/l	97
9) 1,1-Dichloroethene	2.576	96	47083	9.608	ug/l	97
10) Iodomethane	2.718	142	73281	9.579	ug/l	99
11) Allyl Chloride	2.920	41	56214	9.598	ug/l	95
12) Acrylonitrile	3.322	53	24936	20.276	ug/l	# 90
13) Acetone	2.637	43	70087	54.525	ug/l	95
14) Carbon Disulfide	2.788	76	75850	8.934	ug/l	100
15) Methylene Chloride	3.039	84	60071	9.604	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	50938	9.548	ug/l	91
17) 1,1-Dichloroethane	3.862	63	112976	9.469	ug/l	98
18) 2-Butanone	4.708	43	92621	57.119	ug/l	95
19) Cyclohexane	5.386	56	72185m	10.752	ug/l	
20) Methylcyclohexane	6.759	83	89086	9.923	ug/l	97
21) 2,2-Dichloropropane	4.656	77	105515	9.540	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	69326	9.778	ug/l	97
23) Diethyl Ether	2.374	59	63918	8.841	ug/l	97
24) tert-Butyl Alcohol	3.206	59	58772m	87.382	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	149238	9.842	ug/l	99
26) Bromochloromethane	4.972	128	27769	9.550	ug/l	98
27) Chloroform	5.084	83	127685	9.965	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	108820	9.833	ug/l	99
29) 1,1-Dichloropropene	5.525	75	77677	9.515	ug/l	99
30) Carbon Tetrachloride	5.518	117	91689	9.925	ug/l	96
31) Isopropyl Ether	3.988	45	169620	9.631	ug/l	99
32) Ethyl-t-butyl ether	4.496	59	172079	9.489	ug/l	97
33) Tert-Amyl methyl ether	5.936	73	166529	9.713	ug/l	99
34) Propionitrile	4.782	54	23772	53.175	ug/l	# 87
35) Benzene	5.769	78	251891	9.853	ug/l	99
36) 1,2-Dichloroethane	5.788	62	71166	9.785	ug/l	98
37) Trichloroethene	6.541	130	67794	9.860	ug/l	98
38) 1,2-Dichloropropane	6.788	63	70136	9.705	ug/l	100
39) Methacrylonitrile	4.975	41	17417	9.718	ug/l	95
40) Methyl acrylate	4.846	55	29293	10.279	ug/l	# 96
41) Tetrahydrofuran	5.062	42	19158	18.695	ug/l	97
42) 1-Chlorobutane	5.454	56	101417	9.488	ug/l	99
43) Dibromomethane	6.917	93	34357	10.121	ug/l	98
44) Bromodichloromethane	7.103	83	94986	10.044	ug/l	# 98

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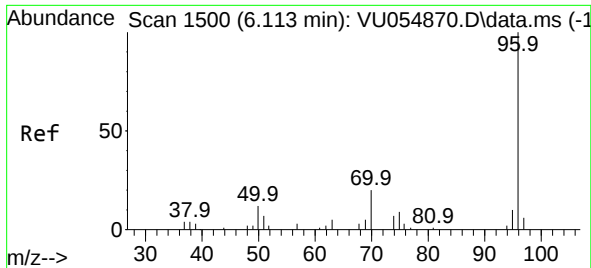
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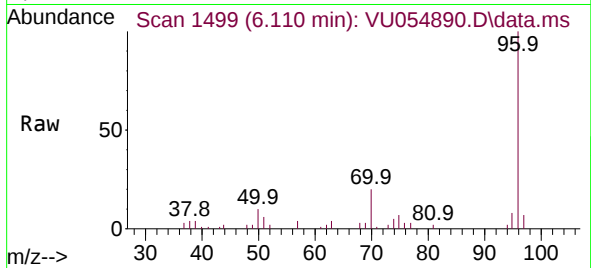
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	206294	52.085	ug/l	98
46) t-1,4-Dichloro-2-butene	10.836	75	36654m	23.000	ug/l	
47) Methyl methacrylate	6.959	69	65059	20.964	ug/l	99
48) Ethyl methacrylate	8.332	69	66304	10.563	ug/l	99
49) Toluene	7.968	92	163021	10.010	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	84624	10.078	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	102932	9.973	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	52664	9.786	ug/l	93
53) 1,3-Dichloropropane	8.573	76	87095	10.005	ug/l	98
54) 2-Hexanone	8.682	43	151574	53.856	ug/l	97
55) Dibromochloromethane	8.807	129	63678	10.328	ug/l	99
56) 1,2-Dibromoethane	8.920	107	47486	10.413	ug/l	99
58) Tetrachloroethene	8.550	164	57152	9.523	ug/l	95
59) Chlorobenzene	9.444	112	194229	9.828	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	70805	10.148	ug/l	97
61) Pentachloroethane	11.425	117	56059	10.284	ug/l	99
62) Hexachloroethane	12.473	117	59239	10.568	ug/l	97
63) Ethyl Benzene	9.566	91	336221	10.139	ug/l	100
64) m/p-Xylenes	9.692	106	253327	20.418	ug/l	98
65) o-Xylene	10.097	106	127115	9.975	ug/l	98
66) Styrene	10.110	104	211672	10.388	ug/l	99
67) Bromoform	10.290	173	35276	11.033	ug/l	98
69) Isopropylbenzene	10.479	105	347262	10.150	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	67138	10.080	ug/l	99
71) 1,2,3-Trichloropropane	10.827	75	42590m	8.977	ug/l	
72) Bromobenzene	10.778	156	78990	10.370	ug/l	99
73) n-propylbenzene	10.904	120	96757	10.567	ug/l	94
74) 2-Chlorotoluene	10.984	126	82126	10.361	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	290621	10.489	ug/l	99
76) 4-Chlorotoluene	11.093	126	89289	10.843	ug/l	96
77) tert-Butylbenzene	11.418	119	298330	10.354	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	297660	10.494	ug/l	100
79) sec-Butylbenzene	11.640	105	398153	10.630	ug/l	99
80) Nitrobenzene	13.203	77	9655	55.170	ug/l #	97
81) p-Isopropyltoluene	11.791	119	324634	10.982	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	164238	10.128	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	164235	10.160	ug/l	99
84) n-Butylbenzene	12.206	91	301810	11.367	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	156332	10.057	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	9484	10.710	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	103268	10.416	ug/l	98
88) Hexachlorobutadiene	14.016	225	55466	10.489	ug/l	99
89) Naphthalene	14.084	128	166665	10.855	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	88258	10.033	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

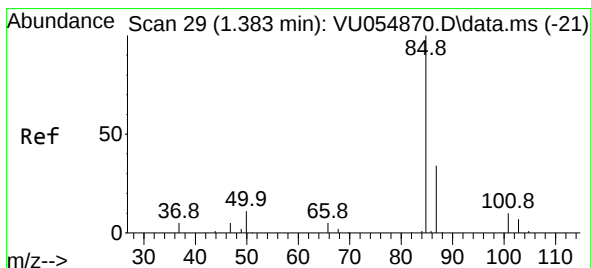
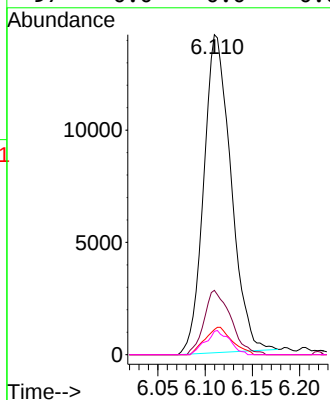
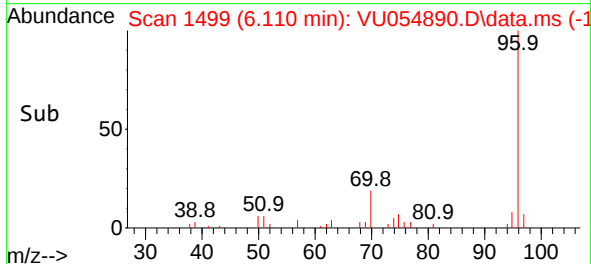
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



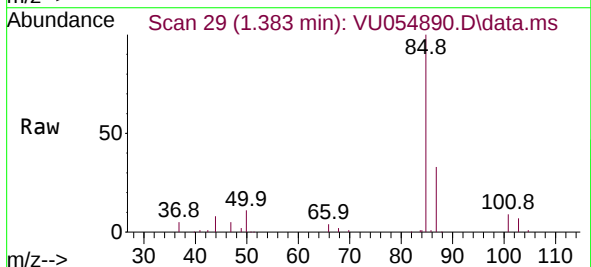
Tgt Ion: 96 Resp: 28384
Ion Ratio Lower Upper
96 100
70 19.8 14.0 21.0
95 8.5 8.7 13.1
97 0.0 0.0 0.0

Manual Integrations
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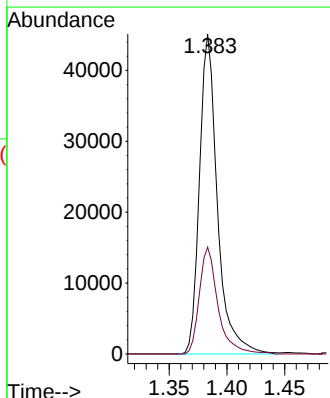
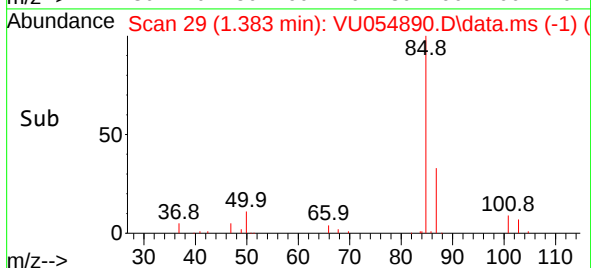
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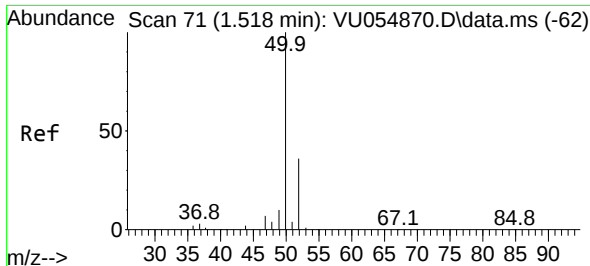


#2
Dichlorodifluoromethane
Concen: 8.995 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



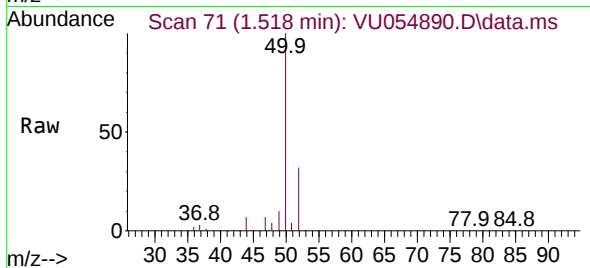
Tgt Ion: 85 Resp: 48615
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6





#3
Chloromethane
Concen: 9.214 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

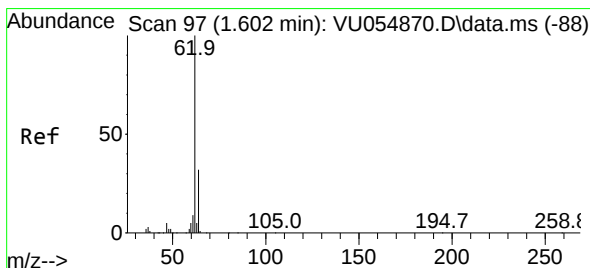
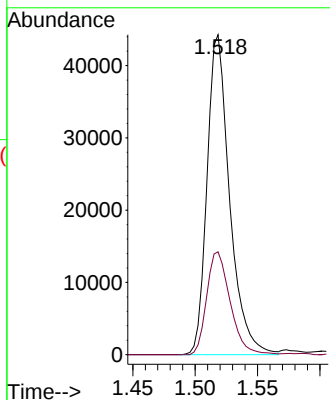
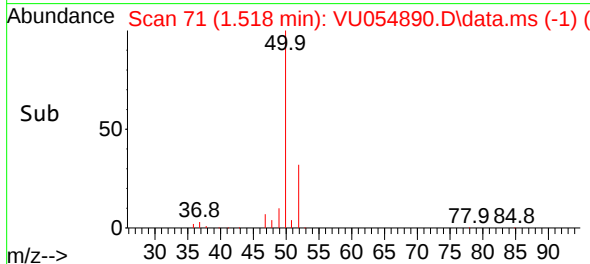
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ClientSampleId :
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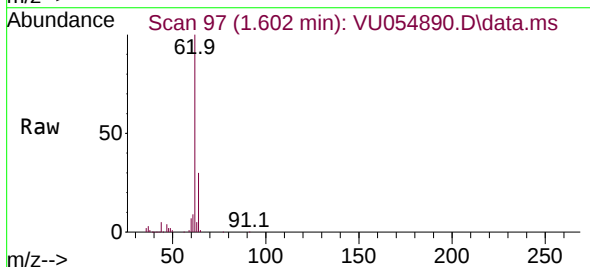
Tgt Ion: 50 Resp: 55940
Ion Ratio Lower Upper
50 100
52 32.2 28.2 42.2

Manual Integrations
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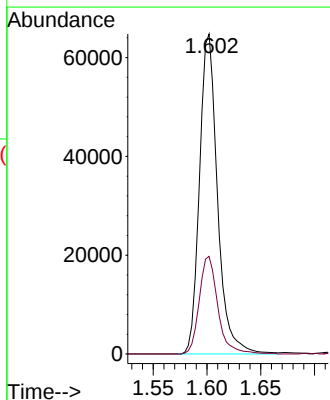
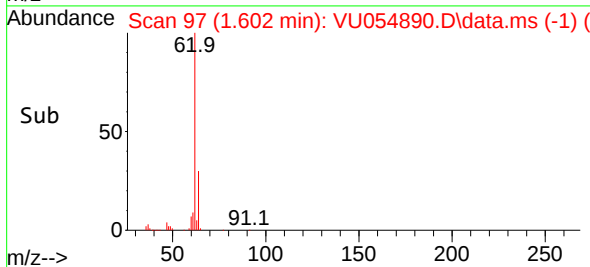
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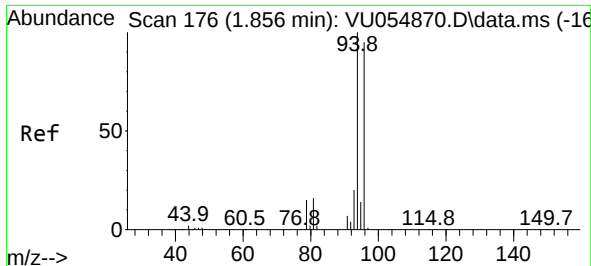


#4
Vinyl Chloride
Concen: 9.302 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



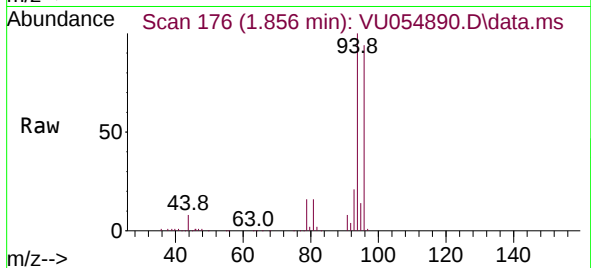
Tgt Ion: 62 Resp: 75428
Ion Ratio Lower Upper
62 100
64 30.5 26.4 39.6





#5
Bromomethane
Concen: 9.223 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

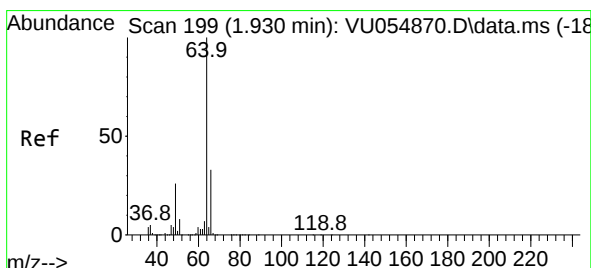
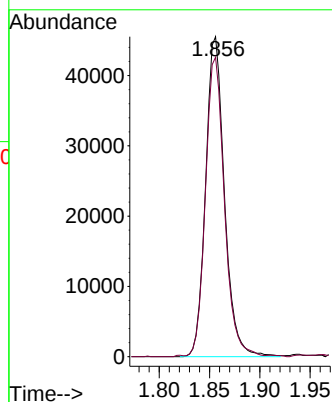
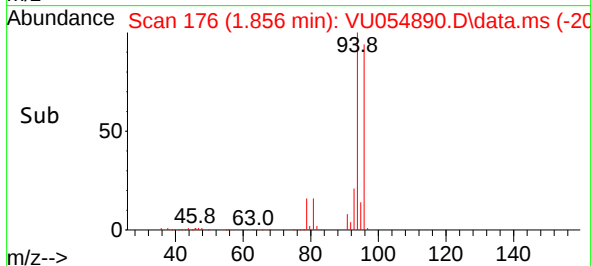
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5933
Ion Ratio Lower Upper
94 100
96 93.3 74.6 111.8

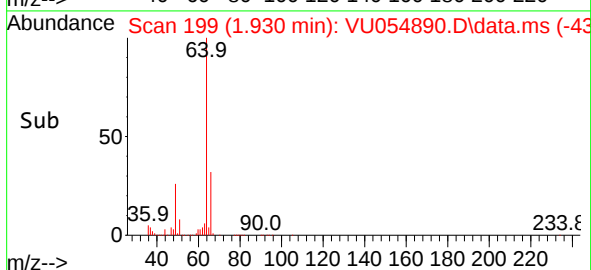
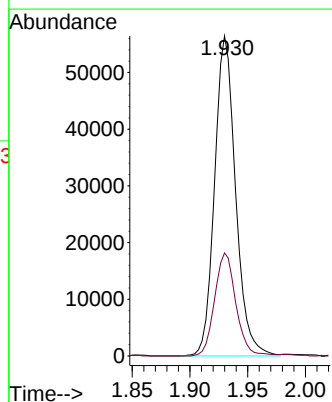
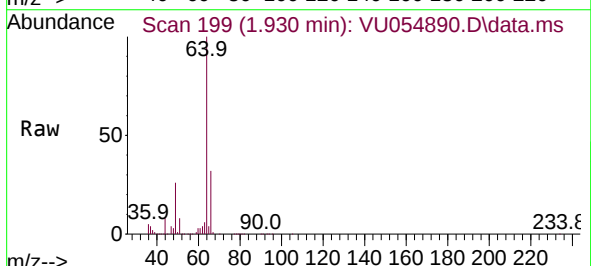
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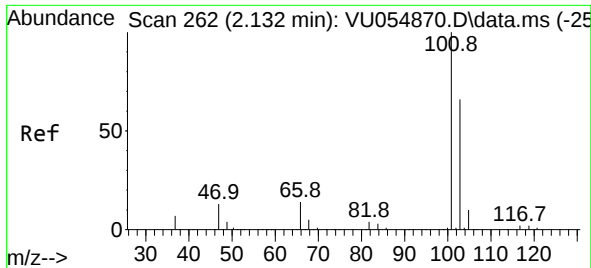
Reviewed By :John Carlone 07/28/2023
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#6
Chloroethane
Concen: 8.512 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054890.D
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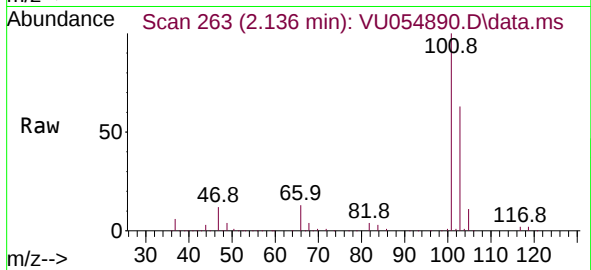
Tgt Ion: 64 Resp: 71339
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 8.167 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

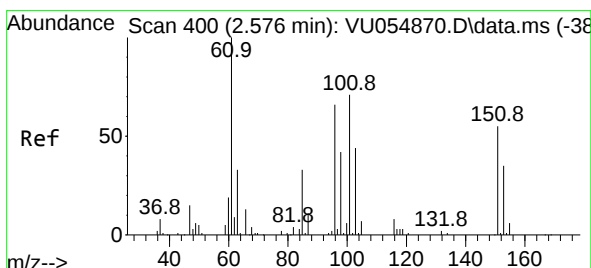
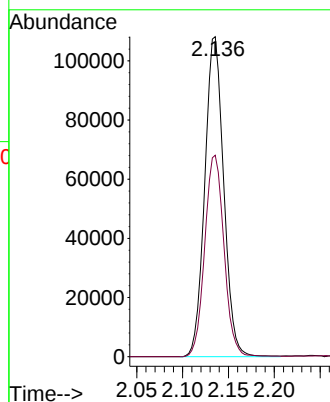
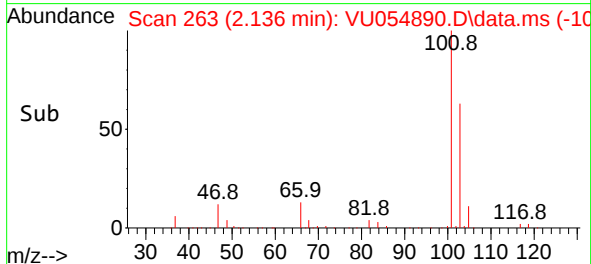
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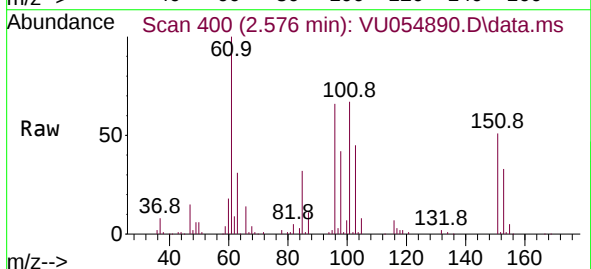
Tgt Ion:101 Resp: 15557
Ion Ratio Lower Upper
101 100
103 63.0 52.9 79.3

Manual Integrations
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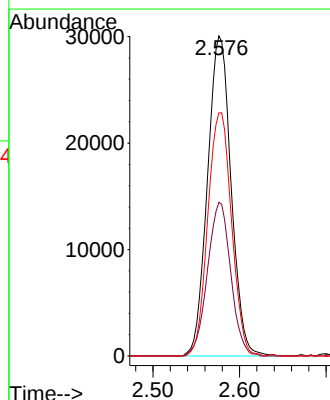
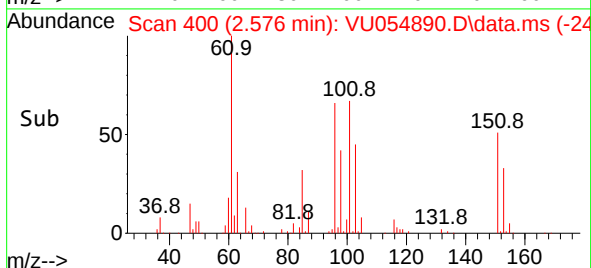
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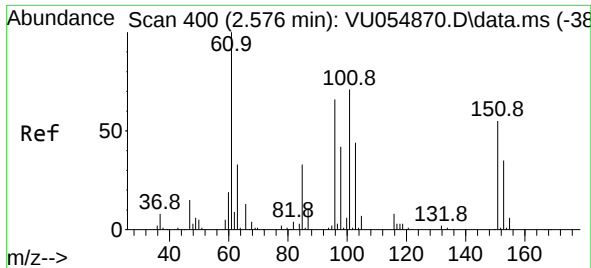


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.216 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



Tgt Ion:101 Resp: 56895
Ion Ratio Lower Upper
101 100
85 47.2 34.8 52.2
151 76.4 60.5 90.7





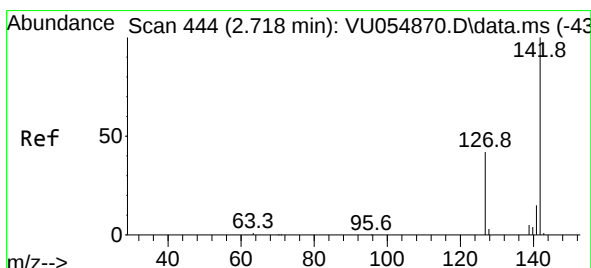
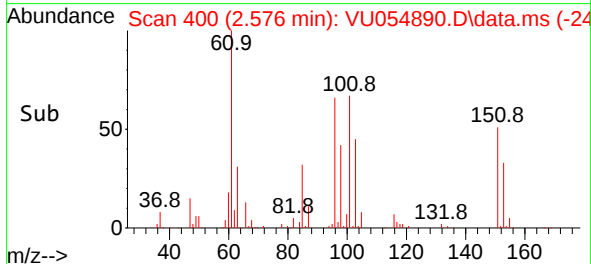
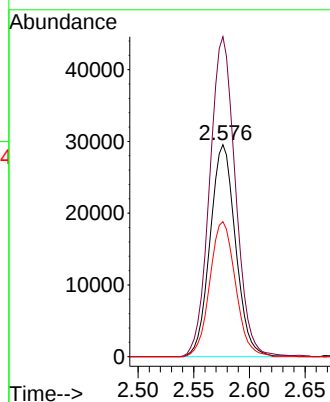
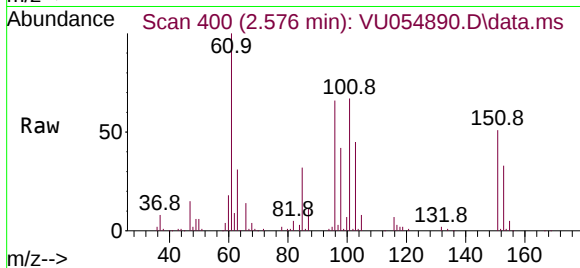
#9
1,1-Dichloroethene
Concen: 9.608 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 4708
Ion Ratio Lower Upper
96 100
61 150.9 0.0 440.1
98 63.7 0.0 121.8

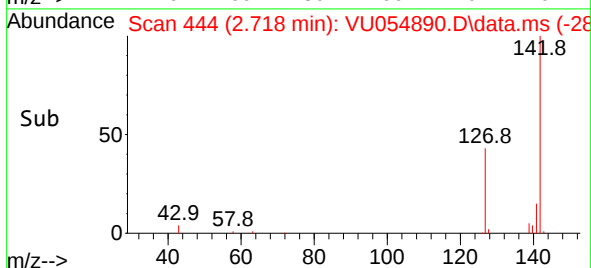
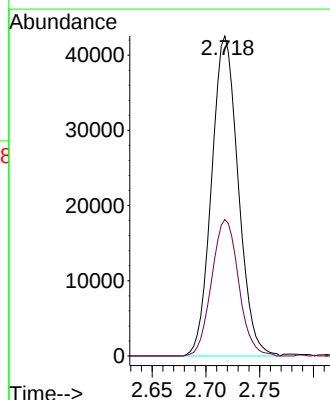
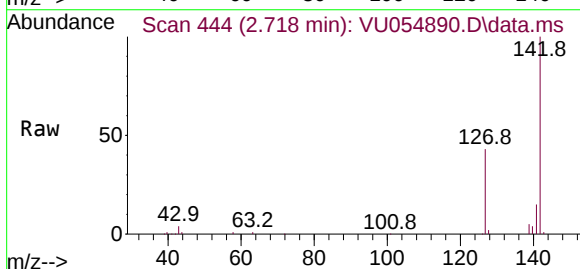
Manual Integrations
APPROVED

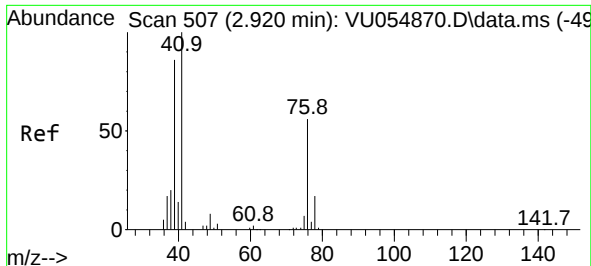
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 9.579 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

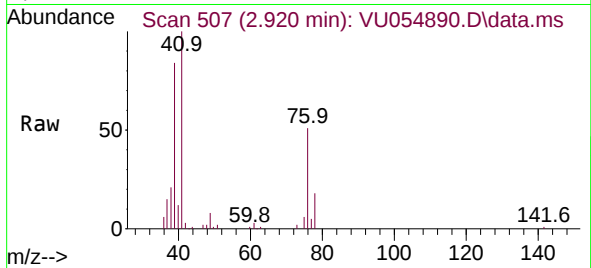
Tgt Ion:142 Resp: 73281
Ion Ratio Lower Upper
142 100
127 43.2 34.3 51.5





#11
 Allyl Chloride
 Concen: 9.598 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15

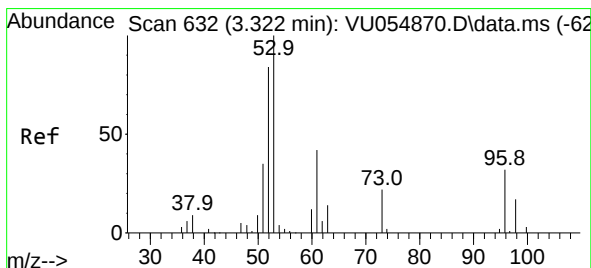
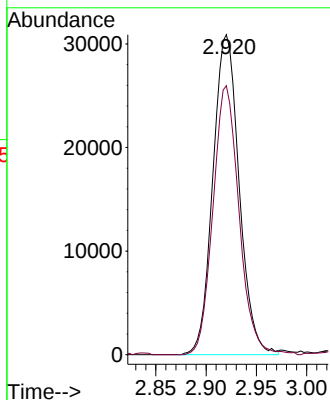
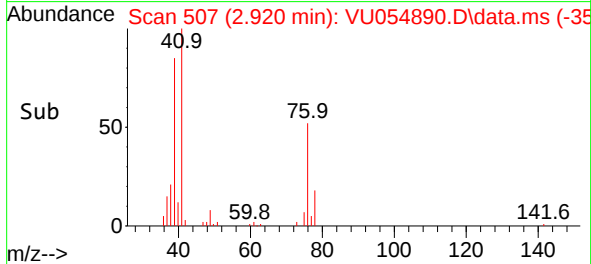
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



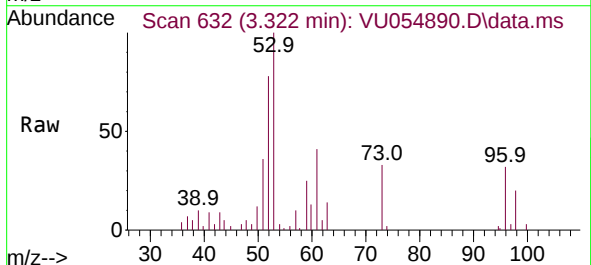
Tgt Ion: 41 Resp: 56214
 Ion Ratio Lower Upper
 41 100
 39 83.5 70.2 105.2

Manual Integrations
 APPROVED

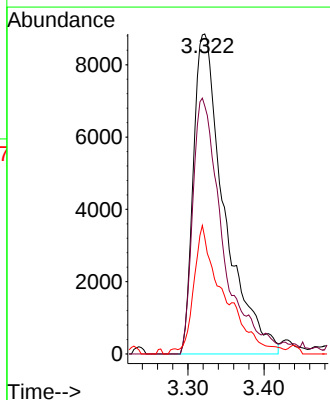
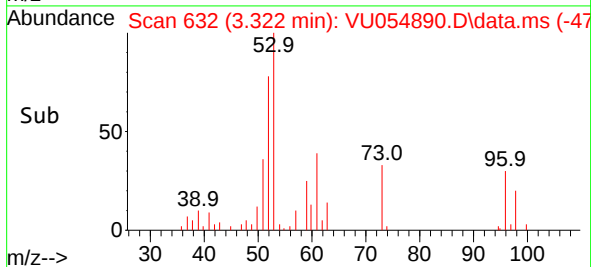
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023

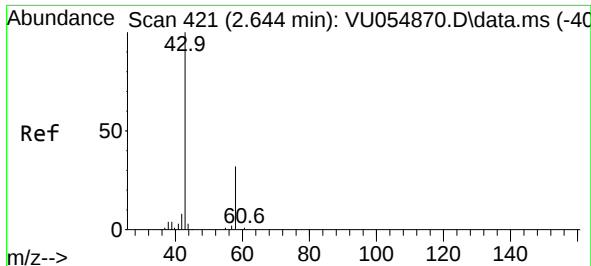


#12
 Acrylonitrile
 Concen: 20.276 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15



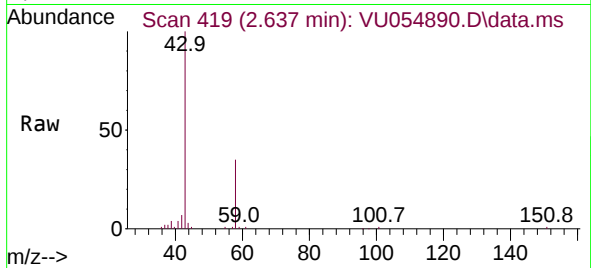
Tgt Ion: 53 Resp: 24936
 Ion Ratio Lower Upper
 53 100
 52 75.3 64.2 96.4
 51 30.5 33.6 50.4#





#13
Acetone
Concen: 54.525 ug/l
RT: 2.637 min Scan# 419
Delta R.T. -0.006 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

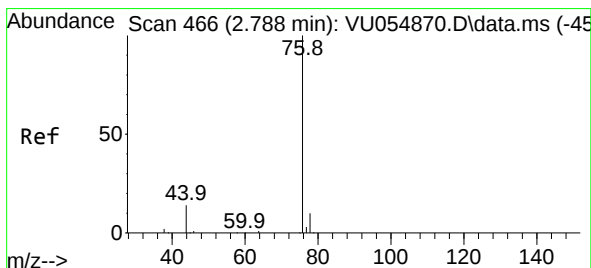
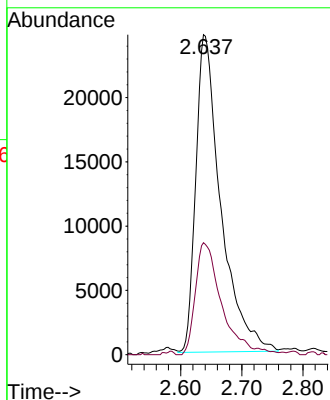
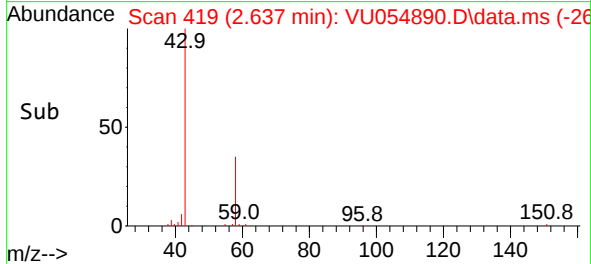
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 7008
Ion Ratio Lower Upper
43 100
58 35.4 30.7 46.1

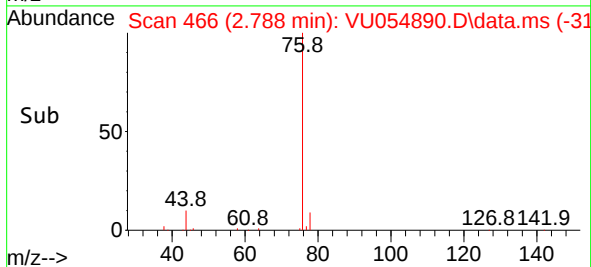
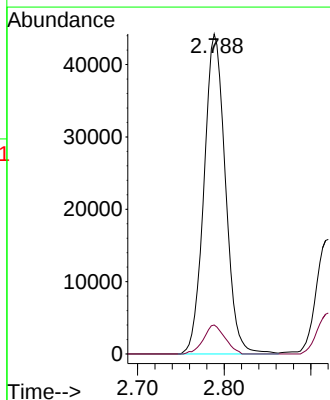
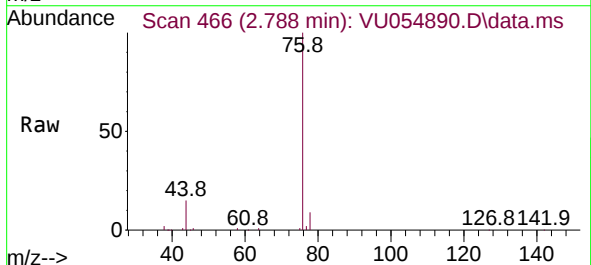
Manual Integrations
APPROVED

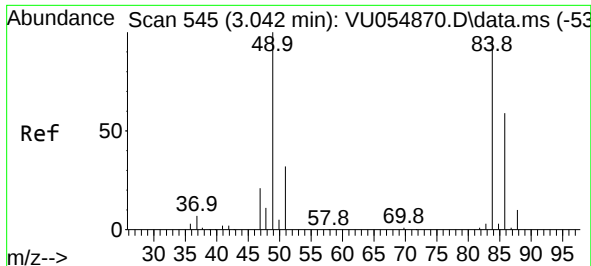
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 8.934 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

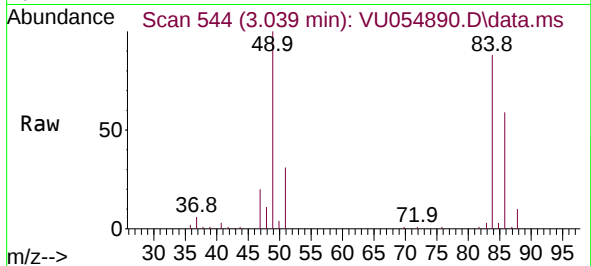
Tgt Ion: 76 Resp: 75850
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 9.604 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

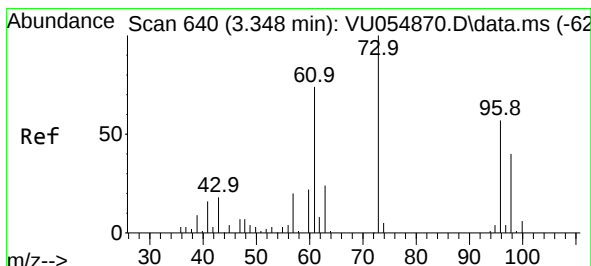
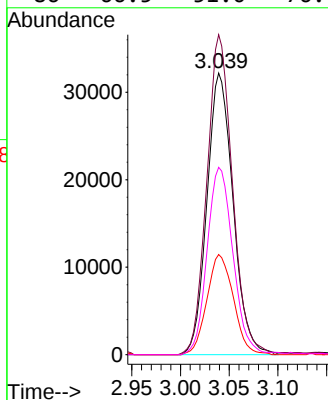
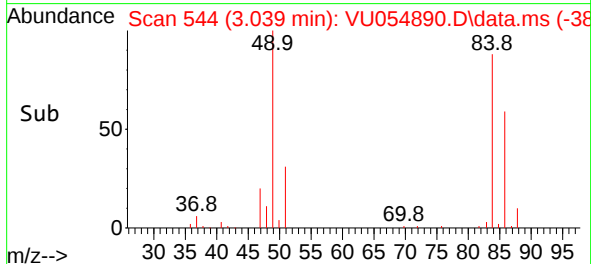
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 6007
Ion Ratio Lower Upper
84 100
49 113.6 87.8 131.6
51 35.6 0.0 68.2
86 66.5 51.0 76.4

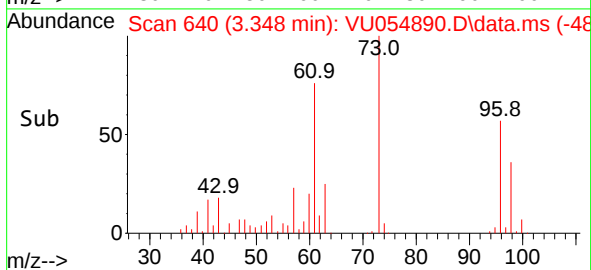
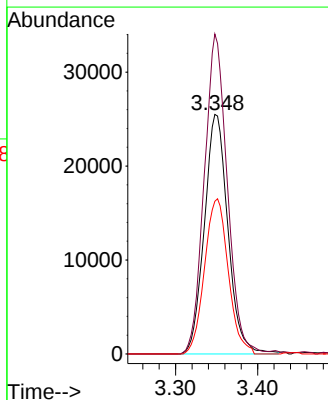
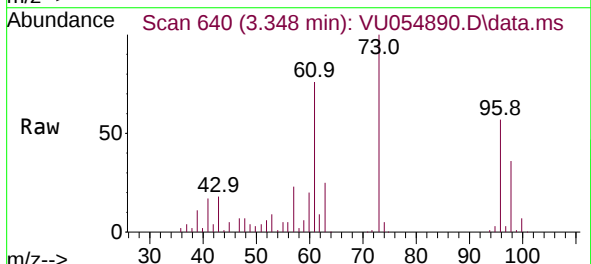
Manual Integrations
APPROVED

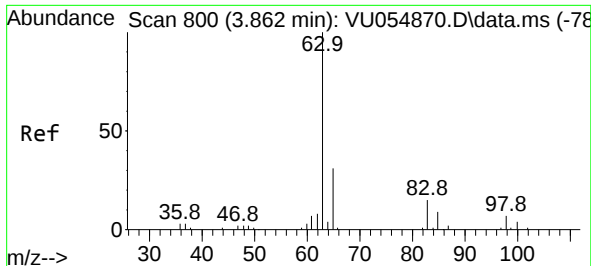
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 9.548 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion: 96 Resp: 50938
Ion Ratio Lower Upper
96 100
61 133.6 96.4 144.6
98 63.7 49.3 73.9





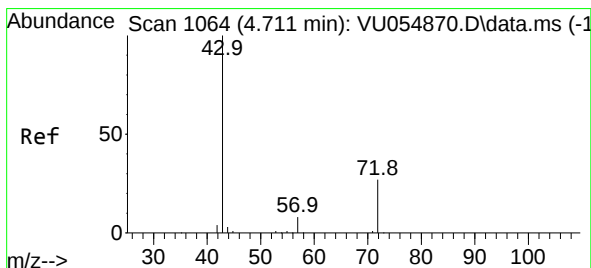
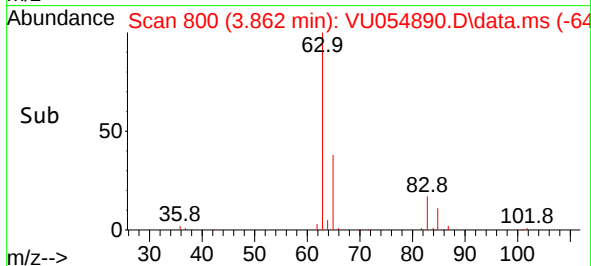
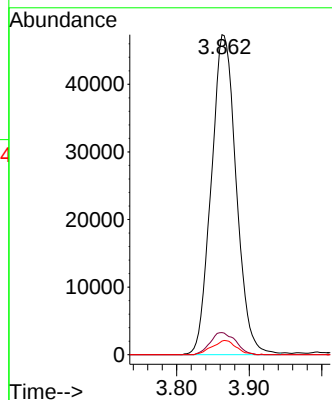
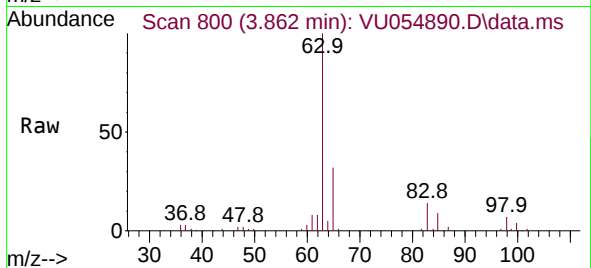
#17
1,1-Dichloroethane
Concen: 9.469 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 112970
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.2 2.8 8.4

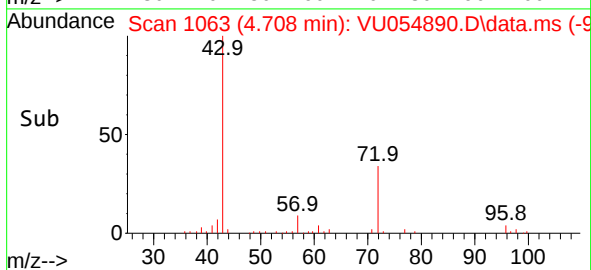
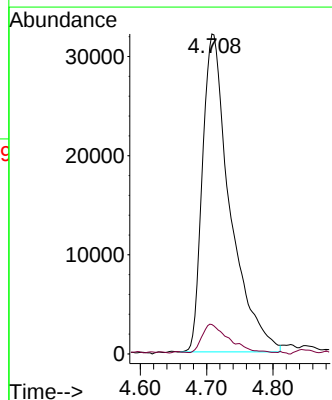
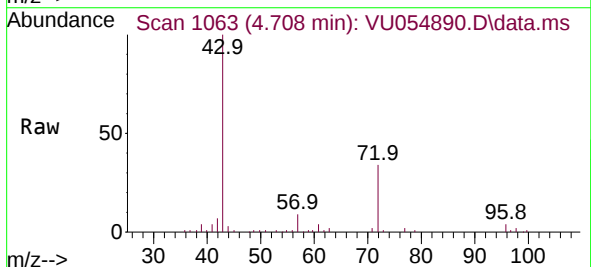
Manual Integrations
APPROVED

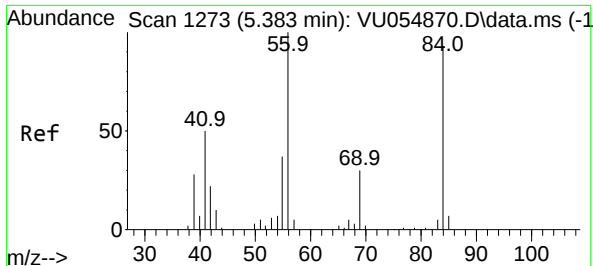
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 57.119 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion: 43 Resp: 92621
Ion Ratio Lower Upper
43 100
57 8.6 0.0 20.8





#19

Cyclohexane

Concen: 10.752 ug/l m

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 7218

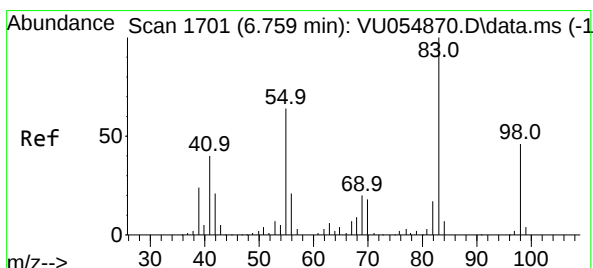
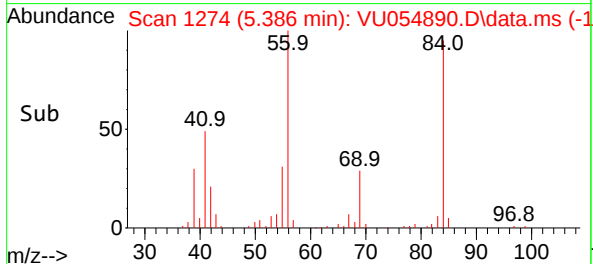
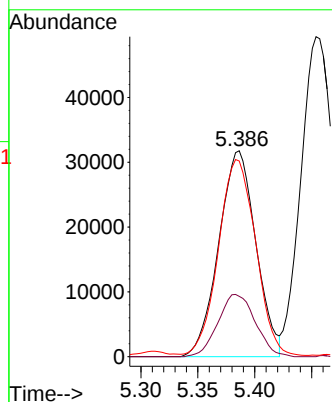
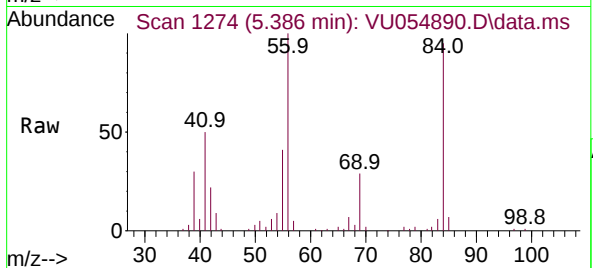
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.7	37.1
84	94.2	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 9.923 ug/l

RT: 6.759 min Scan# 1701

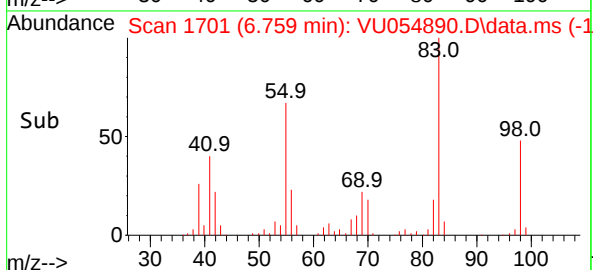
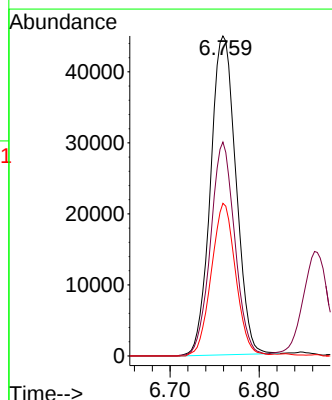
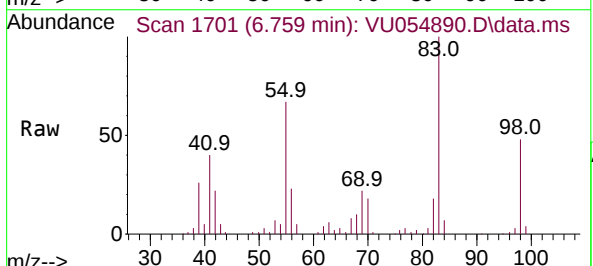
Delta R.T. 0.000 min

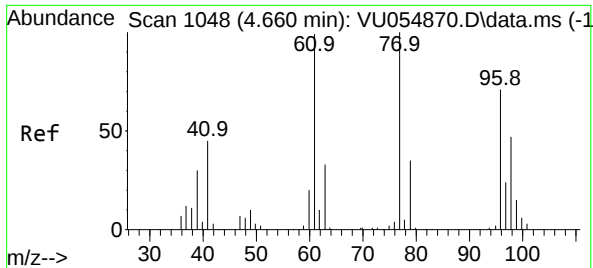
Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Tgt Ion: 83 Resp: 89086

Ion	Ratio	Lower	Upper
83	100		
55	63.2	51.6	77.4
98	45.2	38.2	57.2





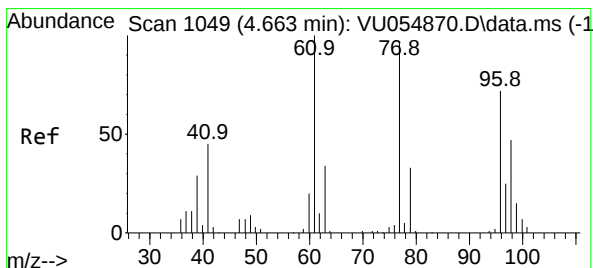
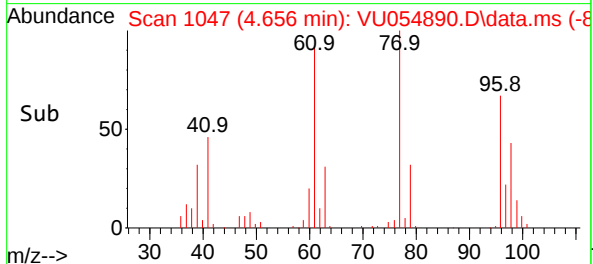
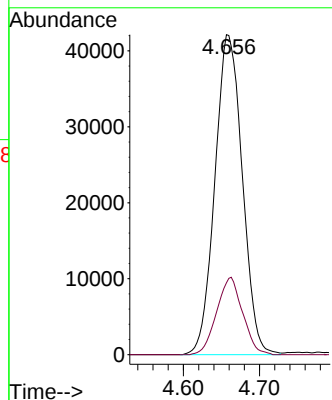
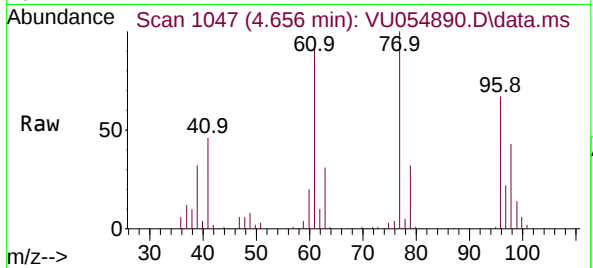
#21
2,2-Dichloropropane
Concen: 9.540 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 10551
Ion Ratio Lower Upper
77 100
97 22.9 18.0 27.0

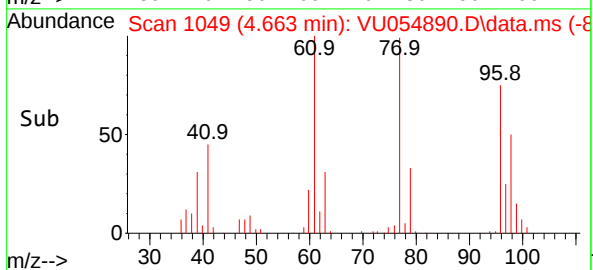
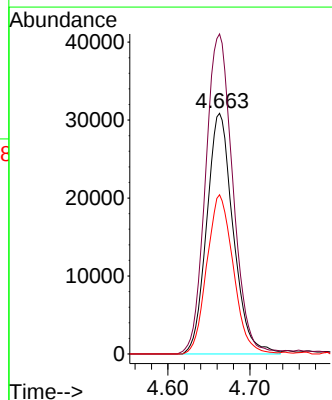
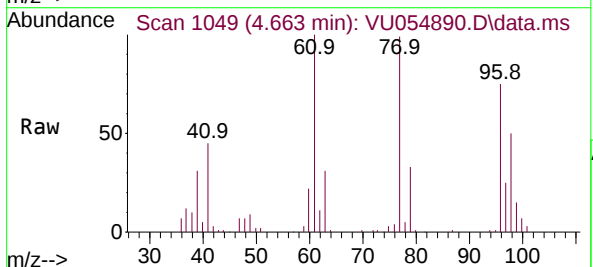
Manual Integrations
APPROVED

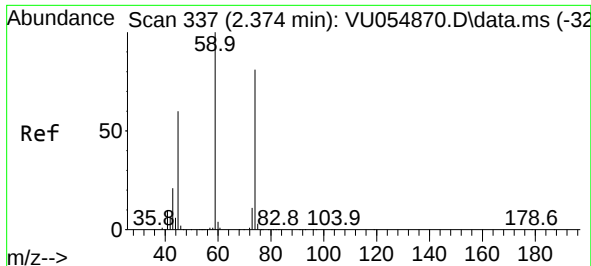
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 9.778 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

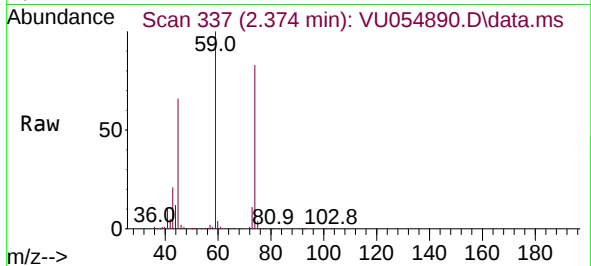
Tgt Ion: 96 Resp: 69326
Ion Ratio Lower Upper
96 100
61 136.8 0.0 332.0
98 66.0 32.5 97.5





#23
Diethyl Ether
Concen: 8.841 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

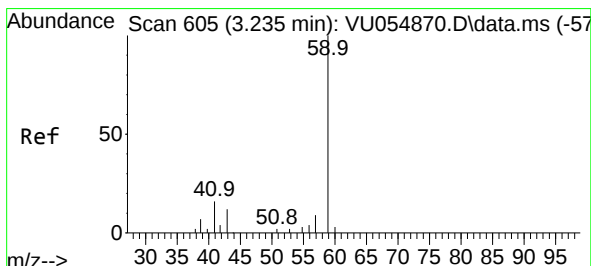
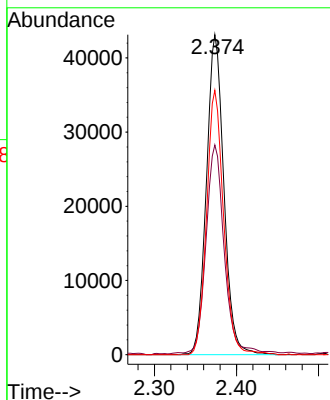
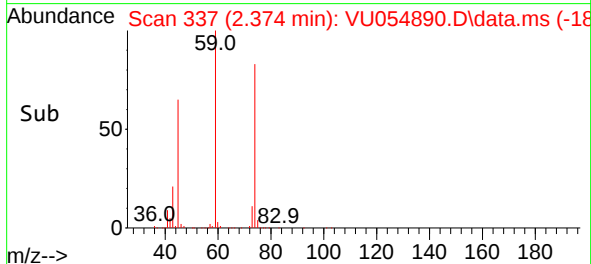
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 63918
Ion Ratio Lower Upper
59 100
45 67.8 51.4 77.0
74 80.6 63.1 94.7

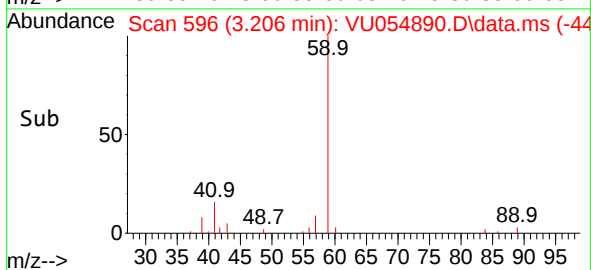
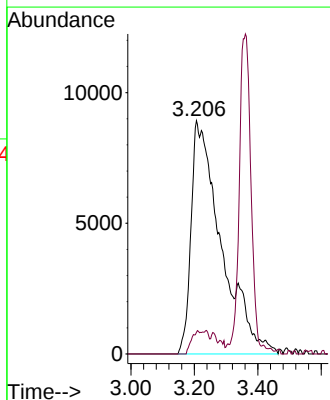
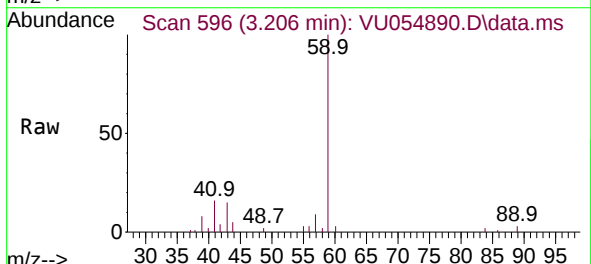
Manual Integrations
APPROVED

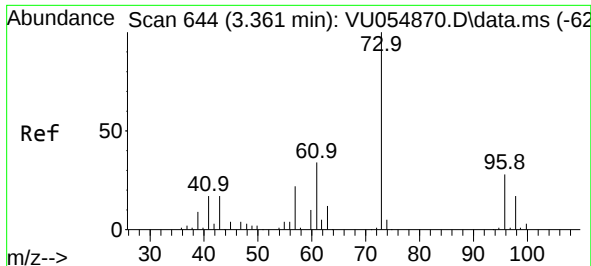
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 87.382 ug/l m
RT: 3.206 min Scan# 596
Delta R.T. -0.029 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion: 59 Resp: 58772
Ion Ratio Lower Upper
59 100
57 3.2 2.2 3.2





#25
Methyl tert-Butyl Ether
Concen: 9.842 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

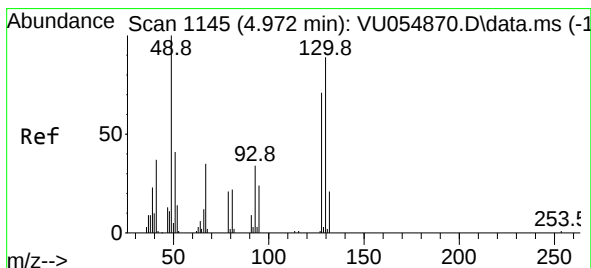
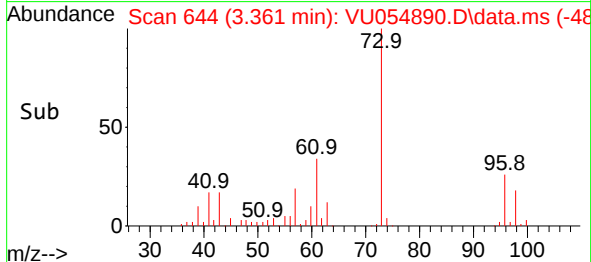
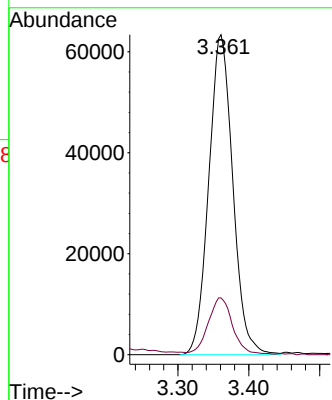
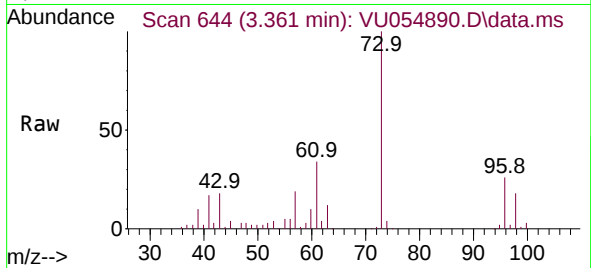
VSTDCCC010

Tgt Ion: 73 Resp: 149238
Ion Ratio Lower Upper
73 100
43 17.6 14.6 22.0

Manual Integrations

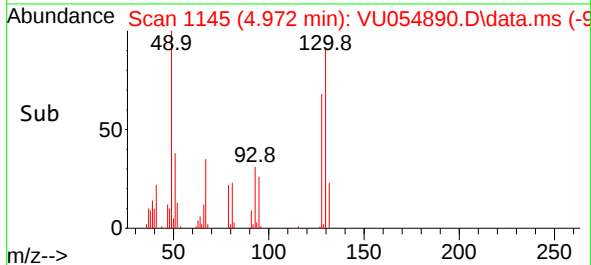
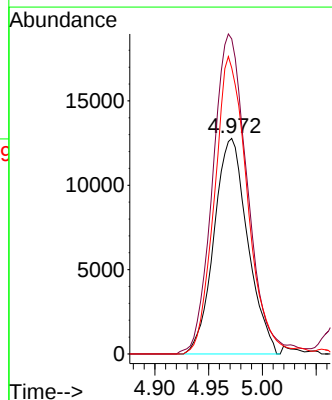
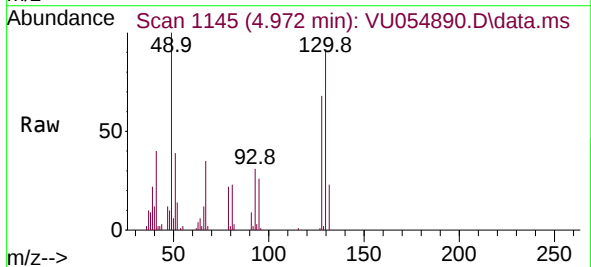
APPROVED

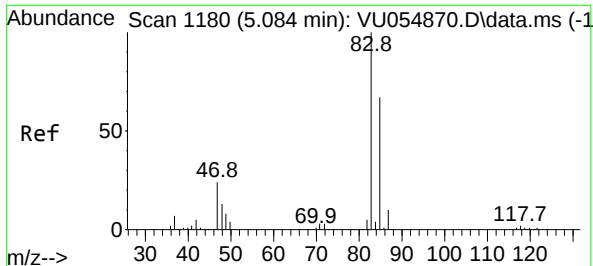
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 9.550 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion:128 Resp: 27769
Ion Ratio Lower Upper
128 100
49 153.8 0.0 304.0
130 134.7 104.3 156.5





#27

Chloroform

Concen: 9.965 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 12768

Ion Ratio Lower Upper

83 100

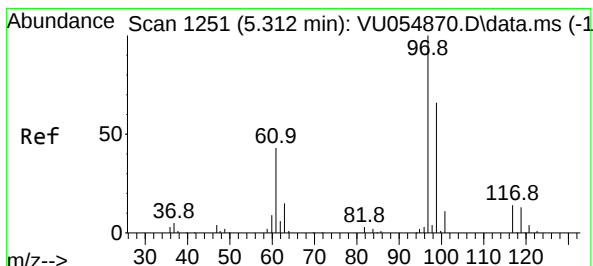
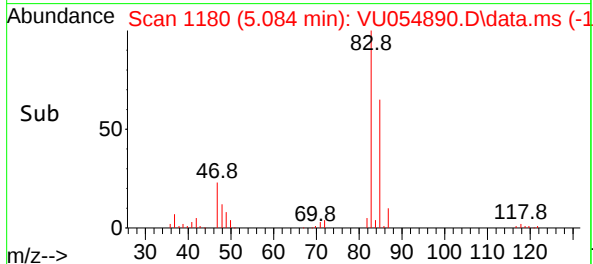
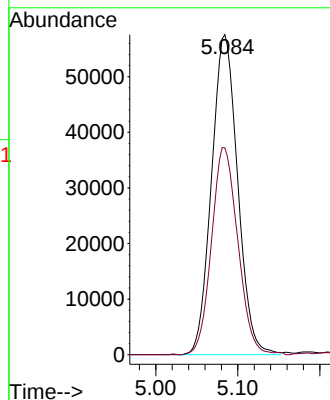
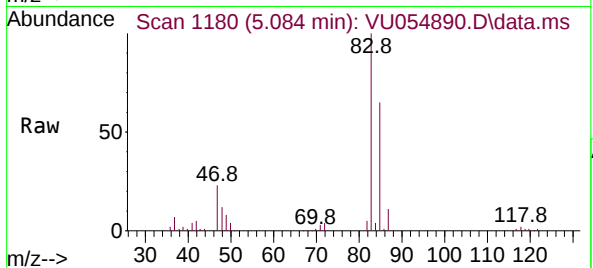
85 64.7 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 9.833 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

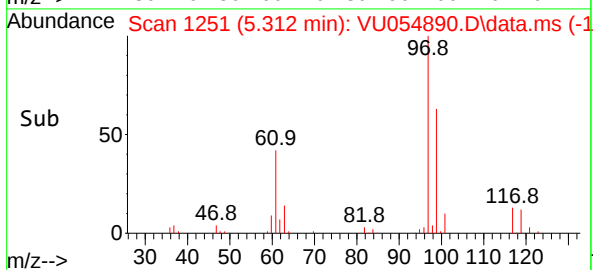
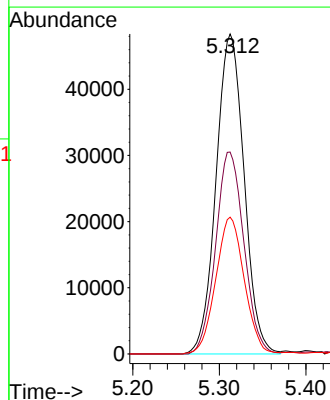
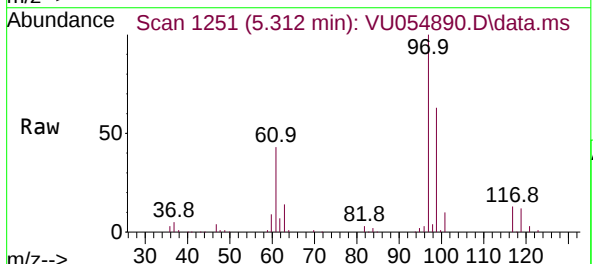
Tgt Ion: 97 Resp: 108820

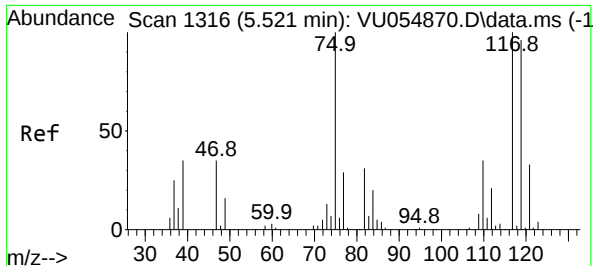
Ion Ratio Lower Upper

97 100

99 63.6 32.0 96.2

61 43.5 21.0 63.0





#29

1,1-Dichloropropene

Concen: 9.515 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.003 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 7767

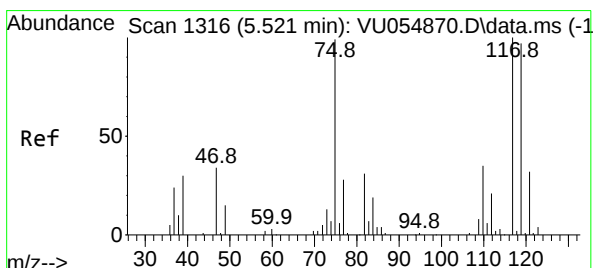
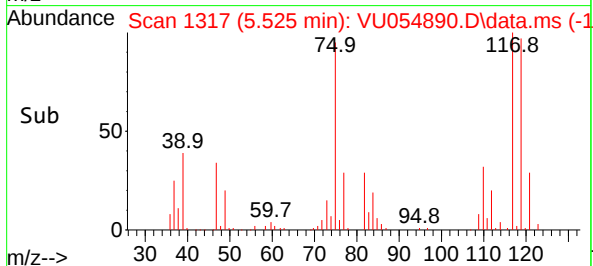
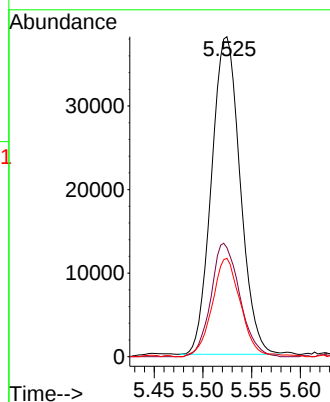
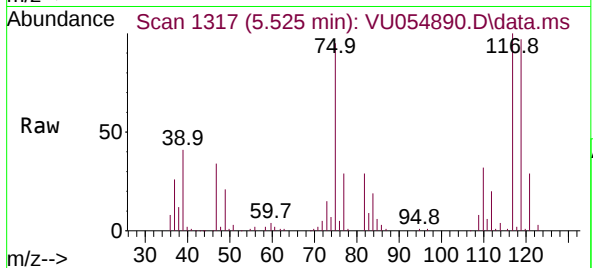
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.5	55.5
77	30.9	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 9.925 ug/l

RT: 5.518 min Scan# 1315

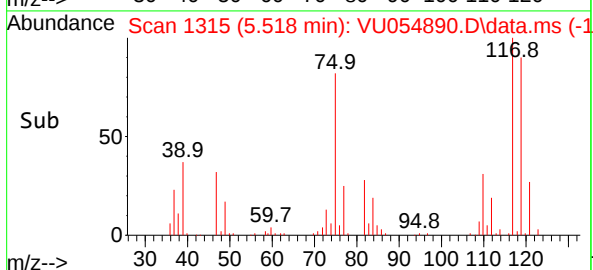
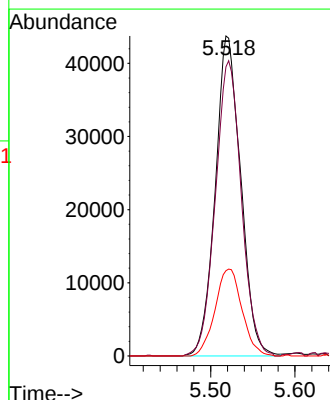
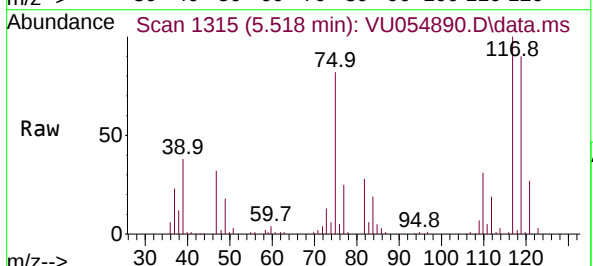
Delta R.T. -0.003 min

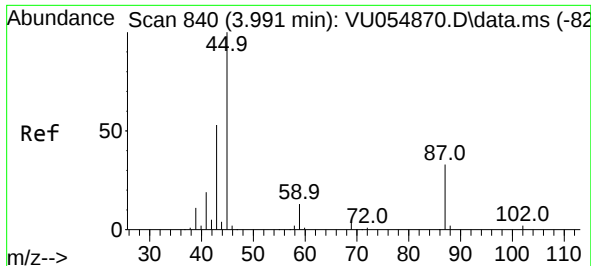
Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Tgt Ion:117 Resp: 91689

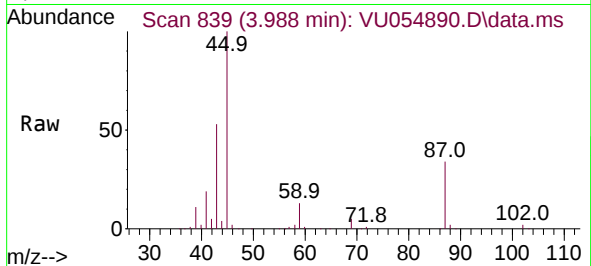
Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.6	113.4
121	26.7	23.4	35.0





#31
Isopropyl Ether
Concen: 9.631 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

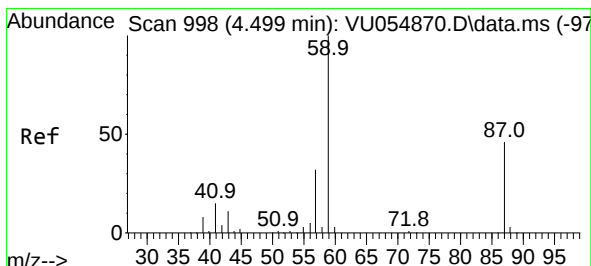
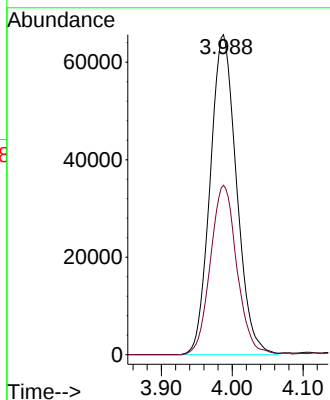
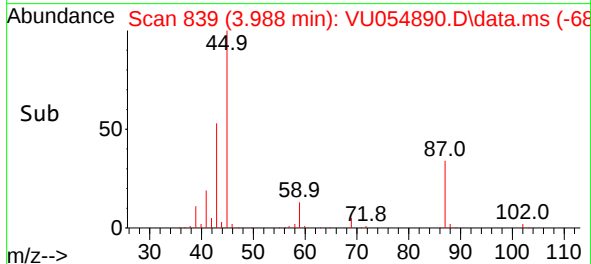
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 169620
Ion Ratio Lower Upper
45 100
43 53.2 26.4 79.2

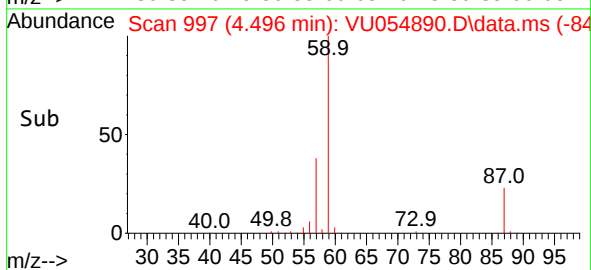
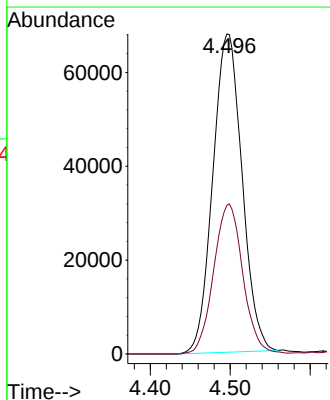
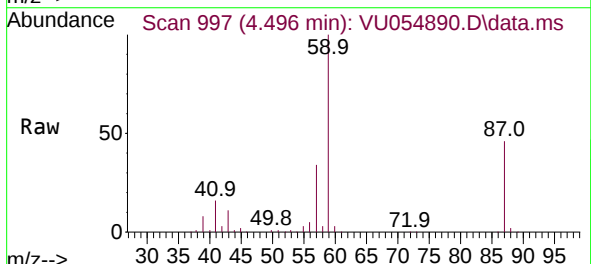
Manual Integrations
APPROVED

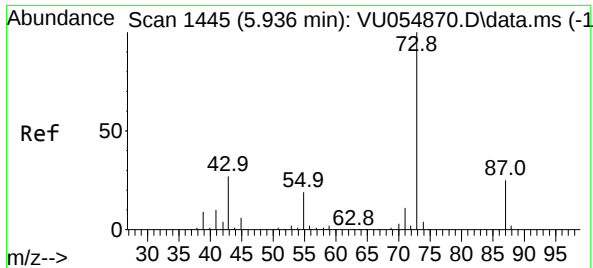
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 9.489 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion: 59 Resp: 172079
Ion Ratio Lower Upper
59 100
87 46.7 35.7 53.5





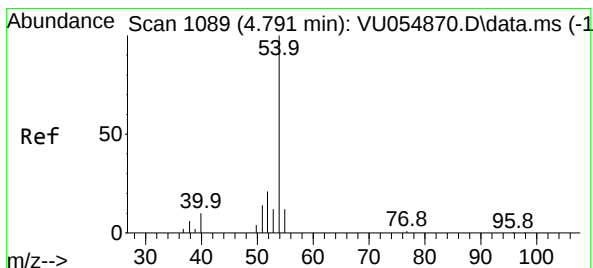
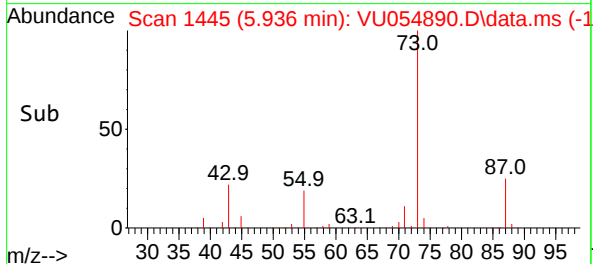
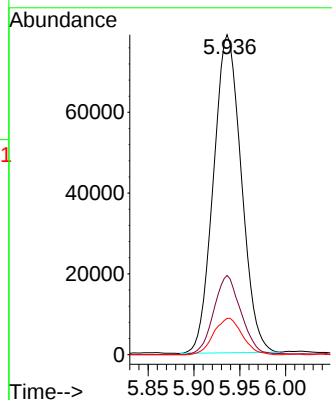
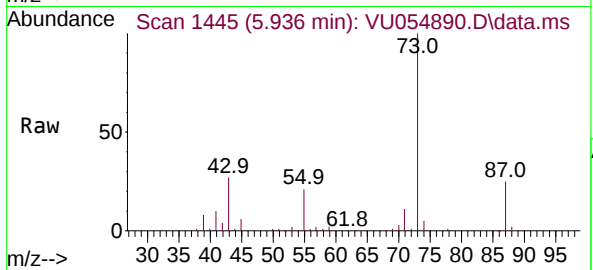
#33
Tert-Amyl methyl ether
Concen: 9.713 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 166529
Ion Ratio Lower Upper
73 100
87 24.1 19.6 29.4
71 11.7 9.1 13.7

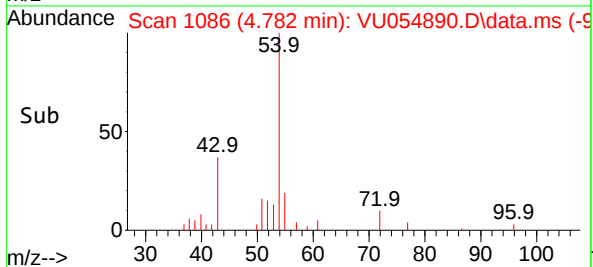
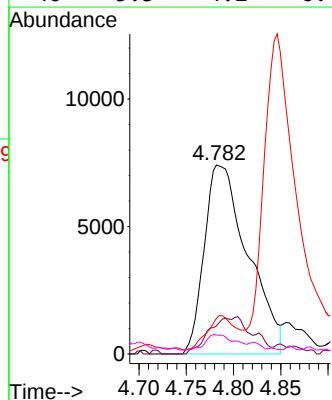
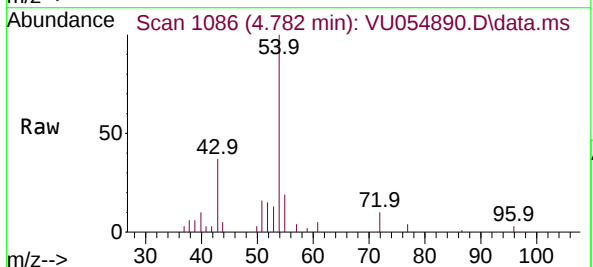
Manual Integrations
APPROVED

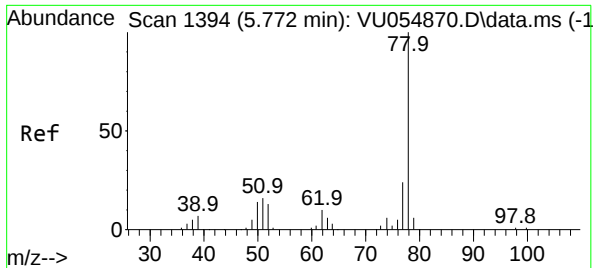
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 53.175 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. -0.010 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion: 54 Resp: 23772
Ion Ratio Lower Upper
54 100
52 10.3 13.8 20.8#
55 12.0 4.8 7.2#
40 5.3 4.2 6.4





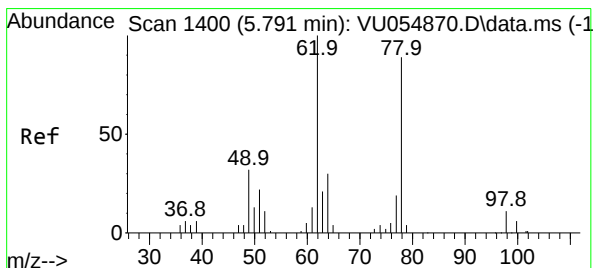
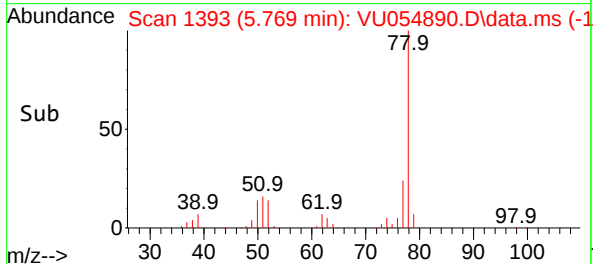
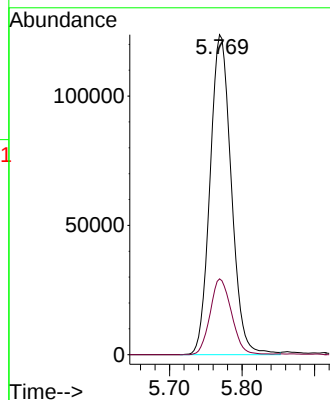
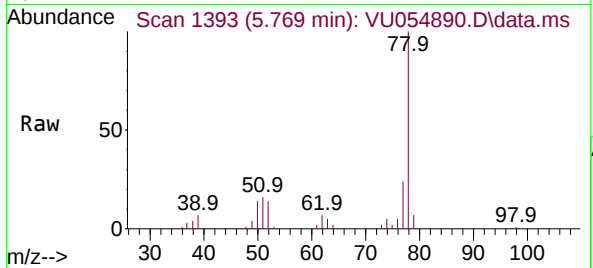
#35
Benzene
Concen: 9.853 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 25189
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

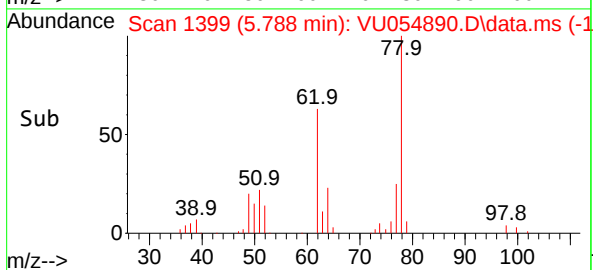
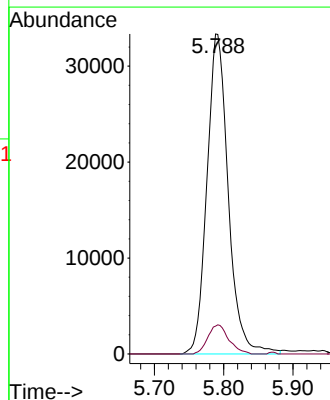
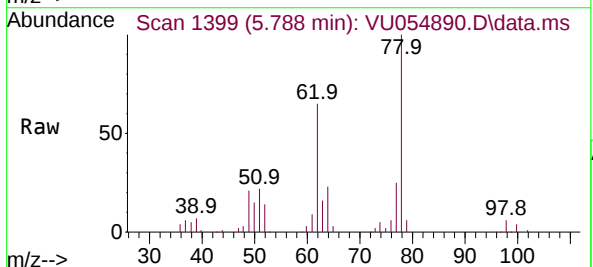
Manual Integrations
APPROVED

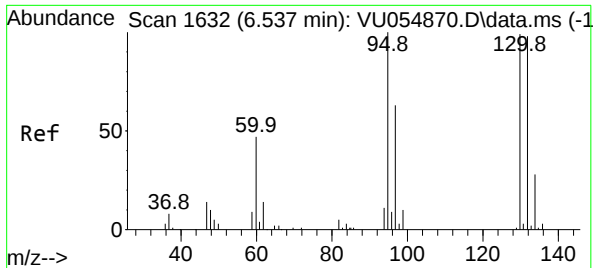
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 9.785 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

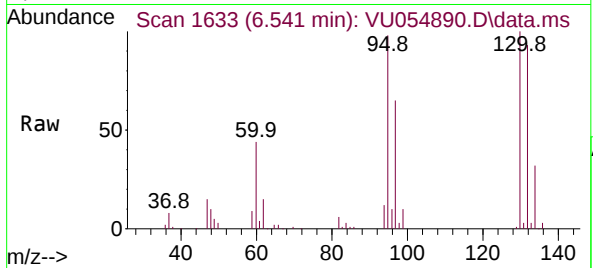
Tgt Ion: 62 Resp: 71166
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.8





#37
Trichloroethene
Concen: 9.860 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

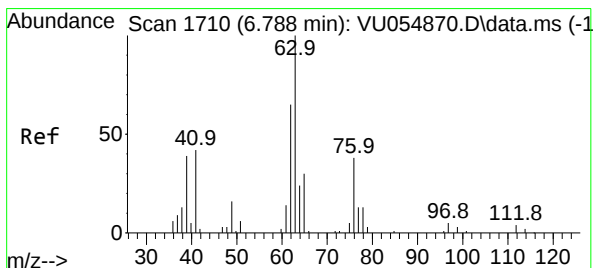
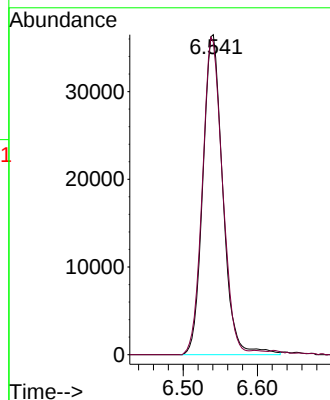
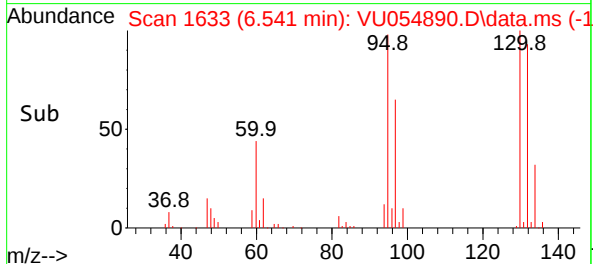
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



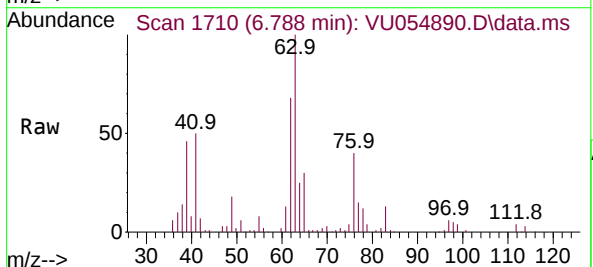
Tgt Ion:130 Resp: 67794
Ion Ratio Lower Upper
130 100
95 97.7 76.8 115.2

Manual Integrations
APPROVED

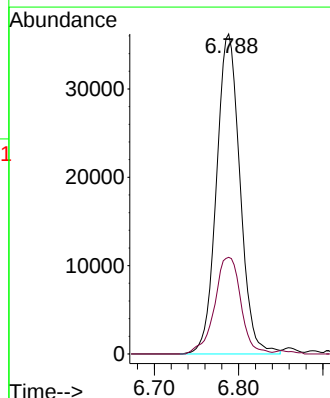
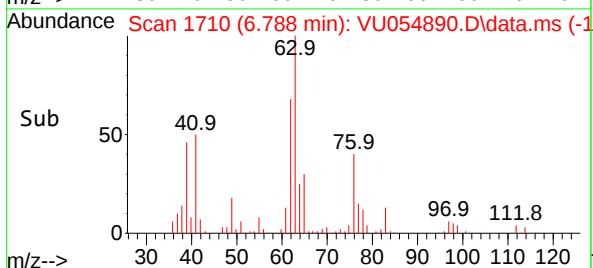
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

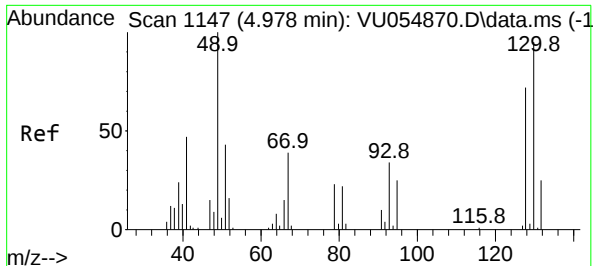


#38
1,2-Dichloropropane
Concen: 9.705 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



Tgt Ion: 63 Resp: 70136
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5





#39

Methacrylonitrile

Concen: 9.718 ug/l

RT: 4.975 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 1741

Ion Ratio Lower Upper

41 100

67 92.5 77.0 115.4

39 58.1 50.4 75.6

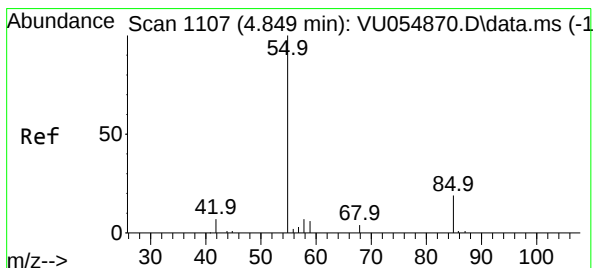
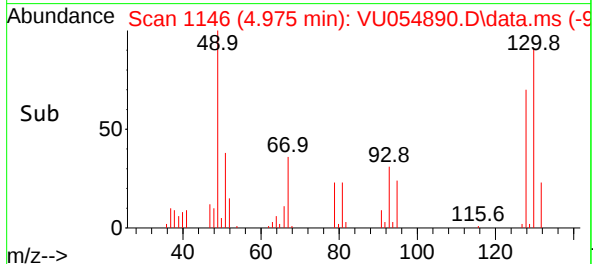
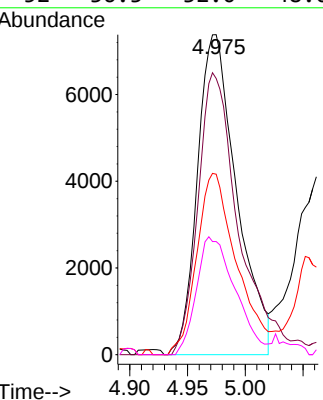
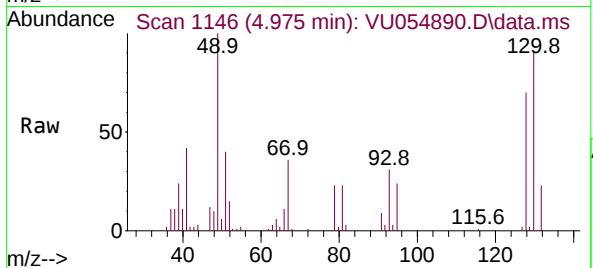
52 36.3 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 10.279 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Tgt Ion: 55 Resp: 29293

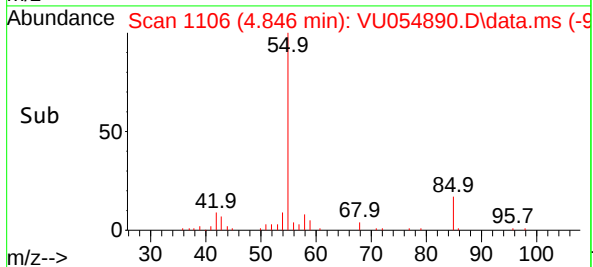
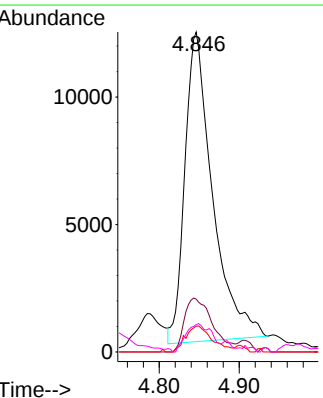
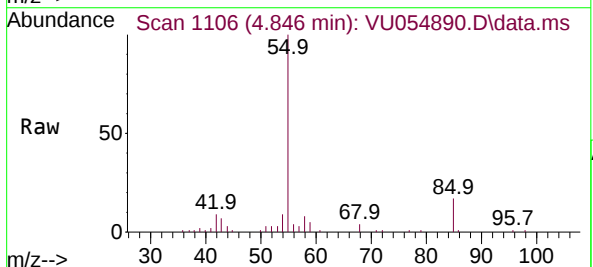
Ion Ratio Lower Upper

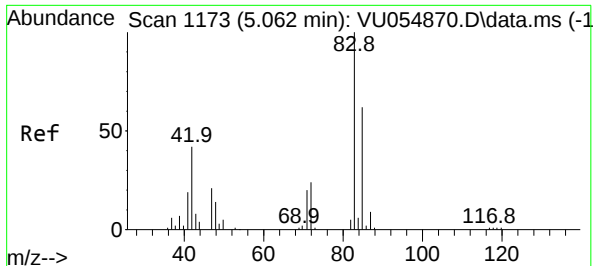
55 100

85 17.5 13.0 19.6

58 8.0 5.7 8.5

42 8.3 4.6 7.0#





#41

Tetrahydrofuran

Concen: 18.695 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 19158

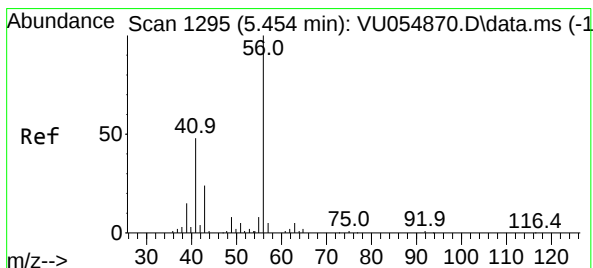
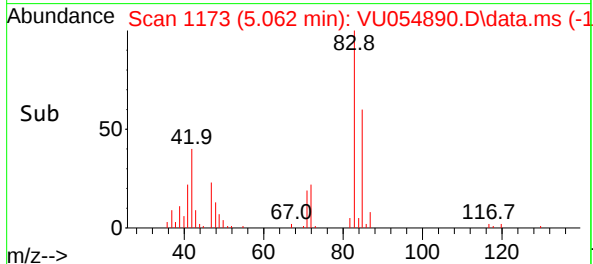
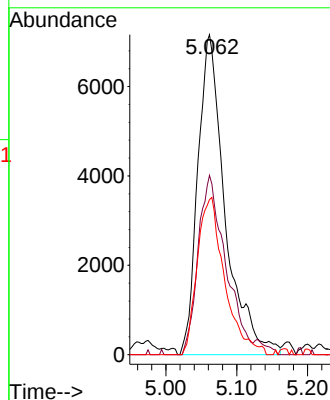
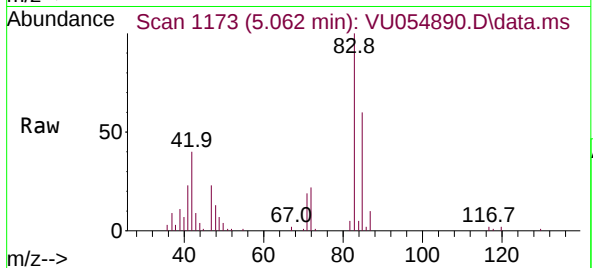
Ion	Ratio	Lower	Upper
42	100		
72	56.3	42.1	63.1
71	49.2	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 9.488 ug/l

RT: 5.454 min Scan# 1295

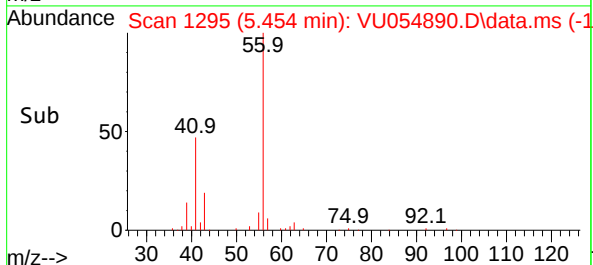
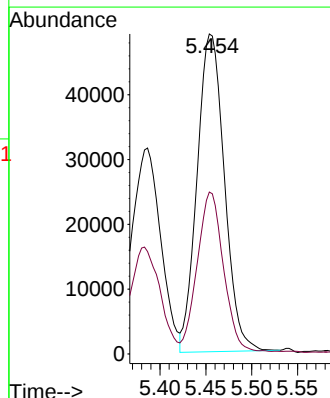
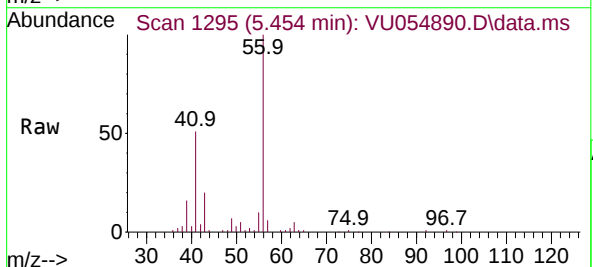
Delta R.T. 0.000 min

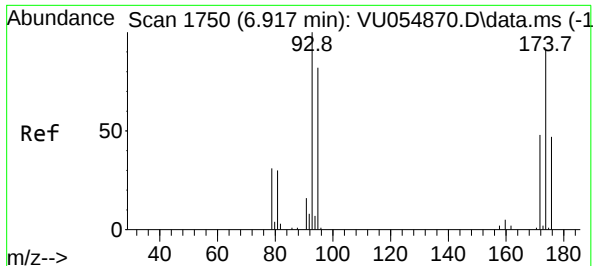
Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Tgt Ion: 56 Resp: 101417

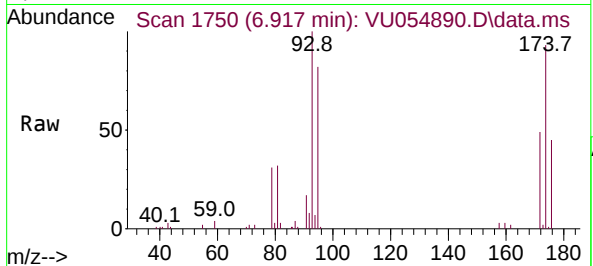
Ion	Ratio	Lower	Upper
56	100		
41	48.4	23.9	71.7





#43
Dibromomethane
Concen: 10.121 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

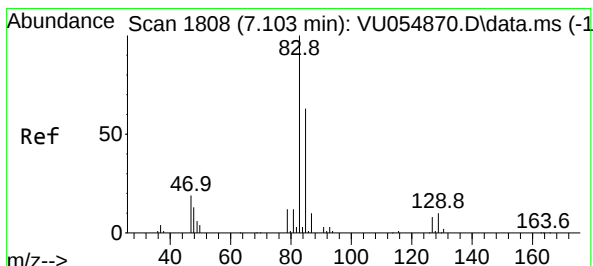
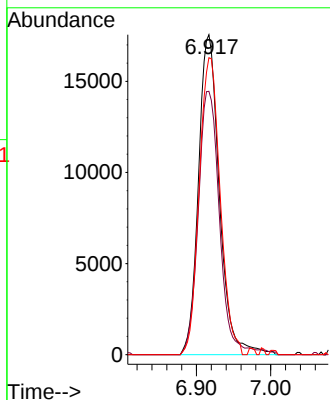
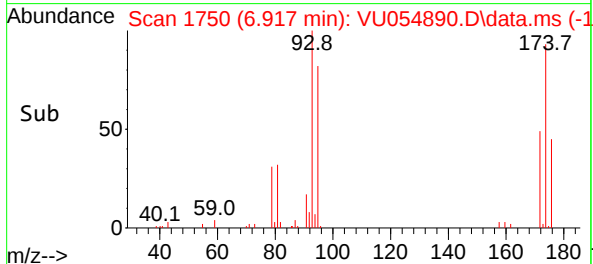
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 93 Resp: 3435
Ion Ratio Lower Upper
93 100
95 84.1 64.7 97.1
174 93.0 74.4 111.6

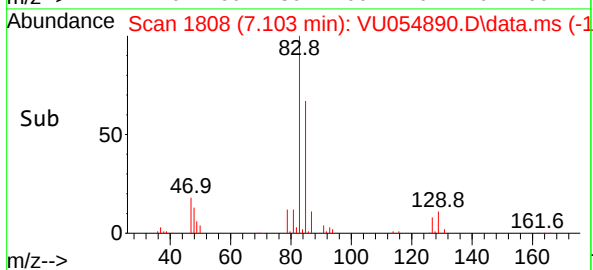
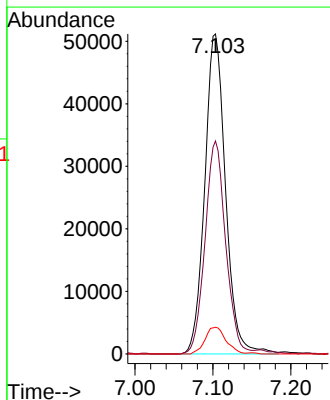
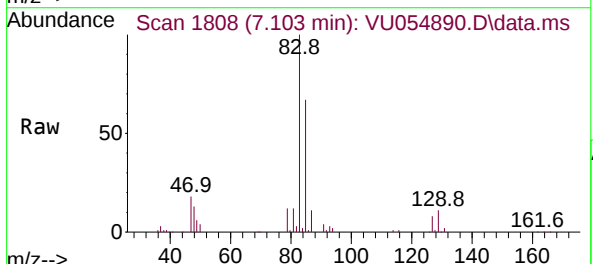
Manual Integrations
APPROVED

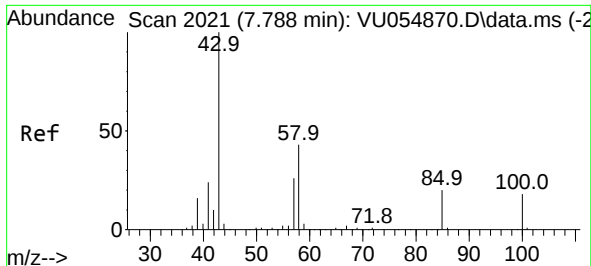
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Bromodichloromethane
Concen: 10.044 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion: 83 Resp: 94986
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.2
127 9.1 6.1 9.1#





#45

4-Methyl-2-Pentanone

Concen: 52.085 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 206294

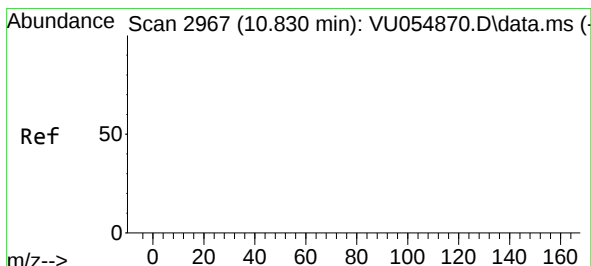
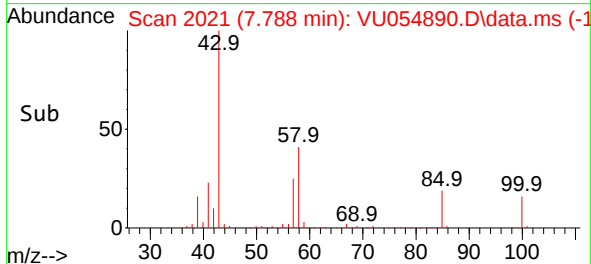
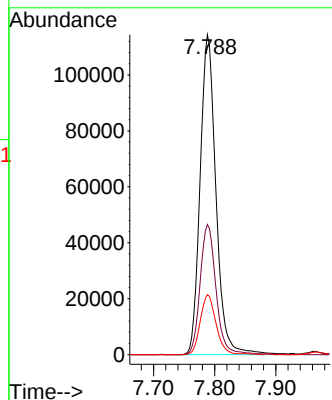
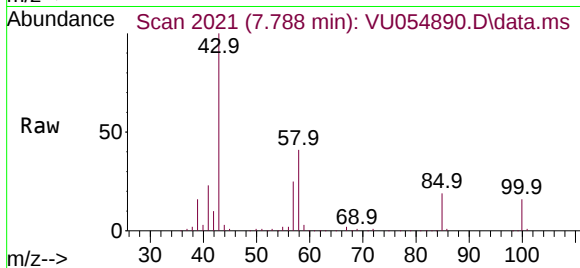
Ion	Ratio	Lower	Upper
43	100		
58	40.8	21.3	63.7
85	18.6	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

t-1,4-Dichloro-2-butene

Concen: 23.000 ug/l m

RT: 10.836 min Scan# 2969

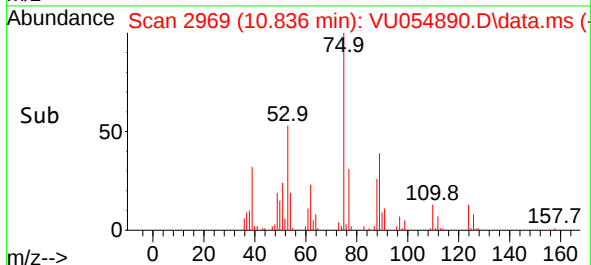
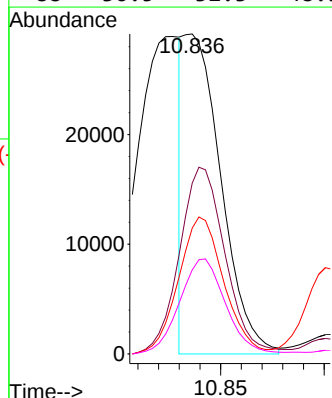
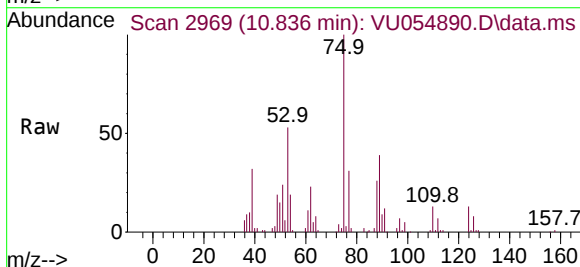
Delta R.T. 0.006 min

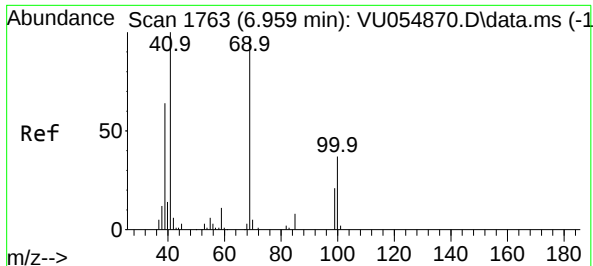
Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Tgt Ion: 75 Resp: 36654

Ion	Ratio	Lower	Upper
75	100		
53	71.7	62.9	94.3
89	52.0	47.8	71.8
88	36.5	32.3	48.5





#47

Methyl methacrylate

Concen: 20.964 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 65059

Ion Ratio Lower Upper

69 100

41 96.8 0.0 193.0

39 65.7 50.4 75.6

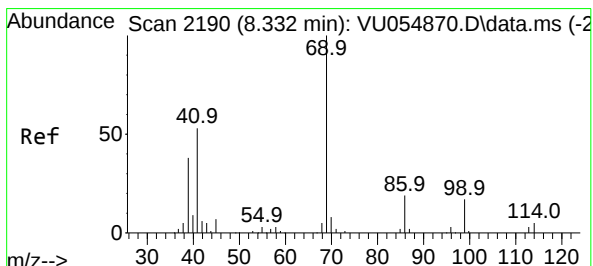
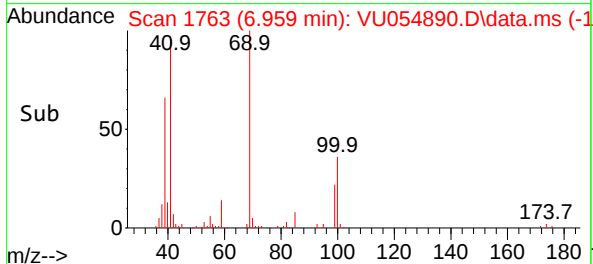
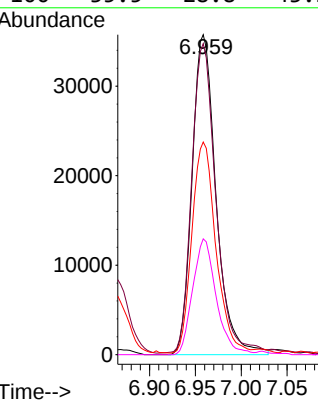
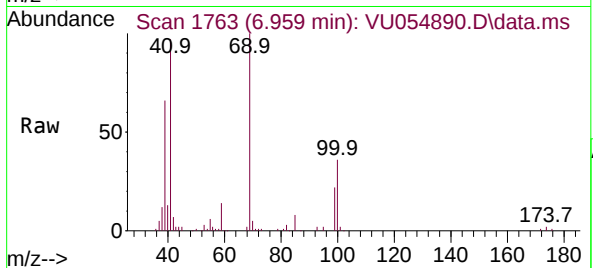
100 35.5 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 10.563 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054890.D

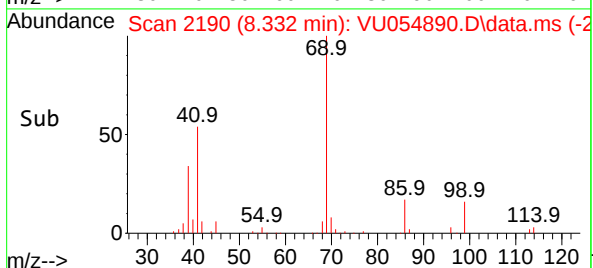
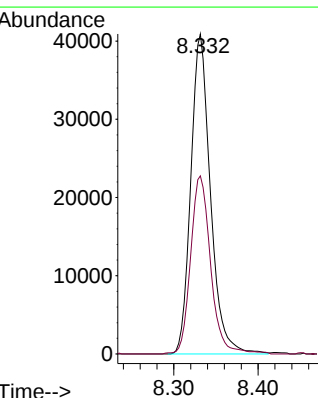
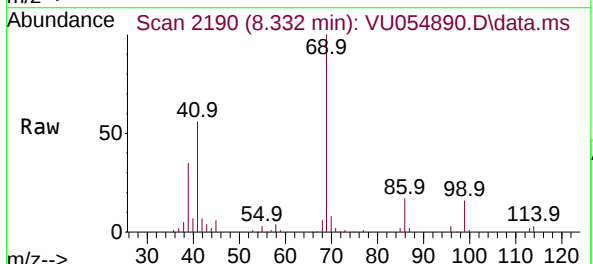
Acq: 27 Jul 2023 10:15

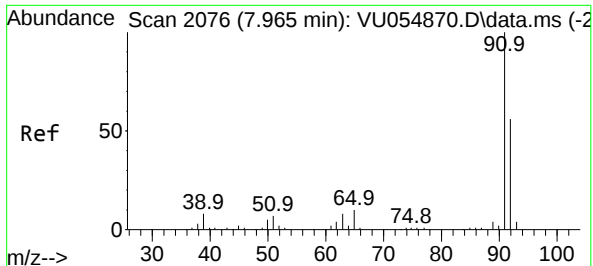
Tgt Ion: 69 Resp: 66304

Ion Ratio Lower Upper

69 100

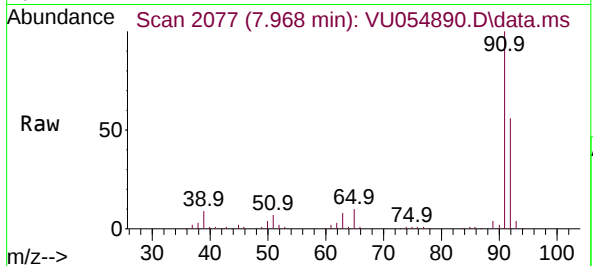
41 56.9 28.8 86.5





#49
Toluene
Concen: 10.010 ug/l
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

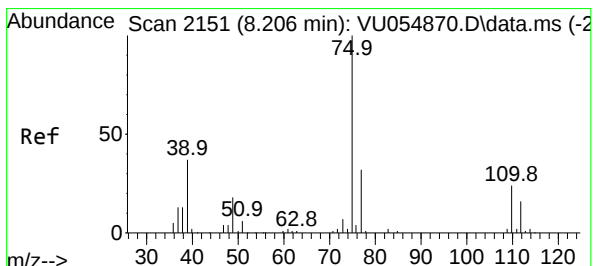
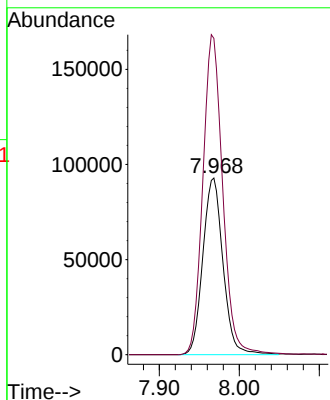
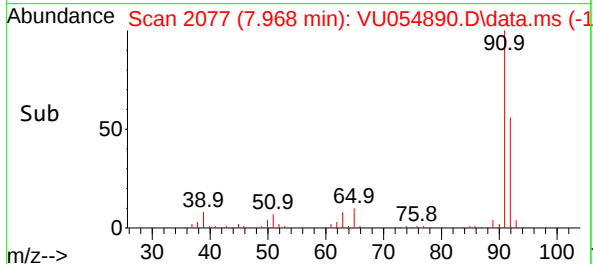
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



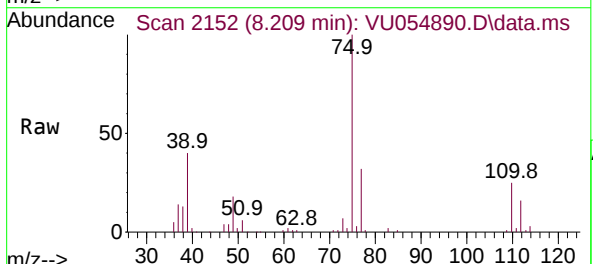
Tgt Ion: 92 Resp: 16302
Ion Ratio Lower Upper
92 100
91 178.1 142.9 214.3

Manual Integrations
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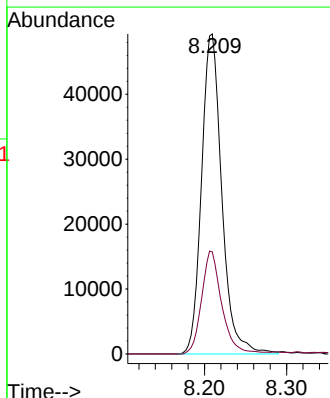
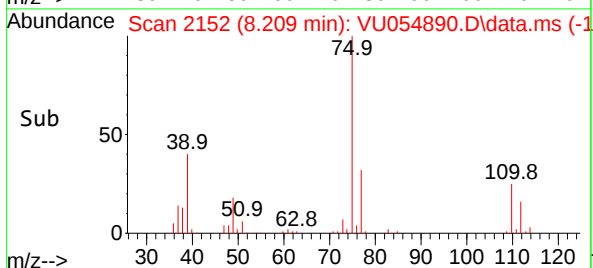
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

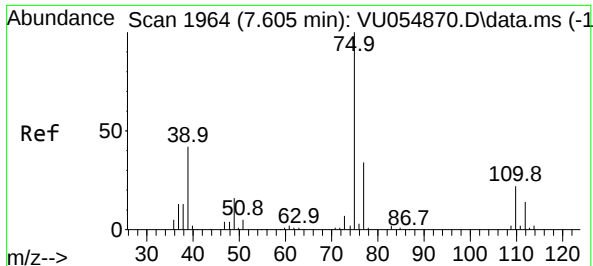


#50
t-1,3-Dichloropropene
Concen: 10.078 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



Tgt Ion: 75 Resp: 84624
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3





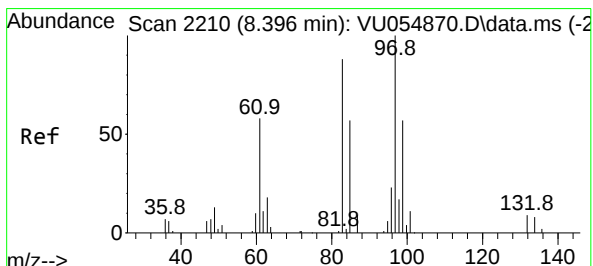
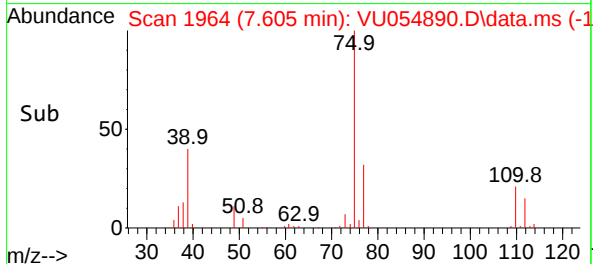
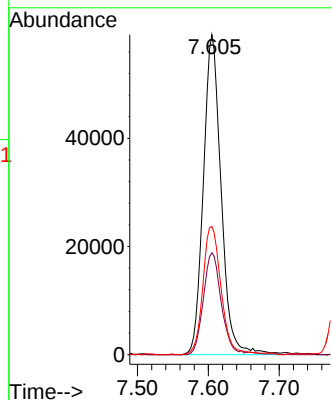
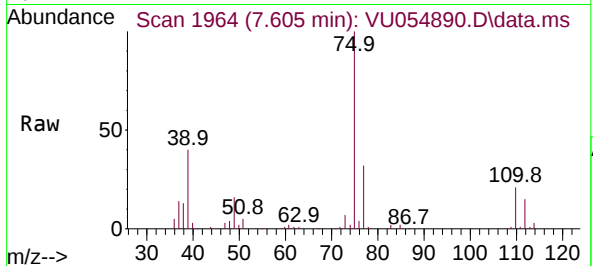
#51
 cis-1,3-Dichloropropene
 Concen: 9.973 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 10293
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 40.1 31.7 47.5

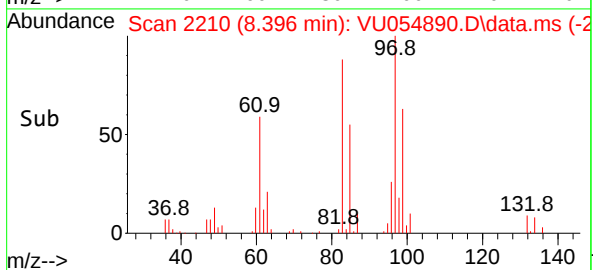
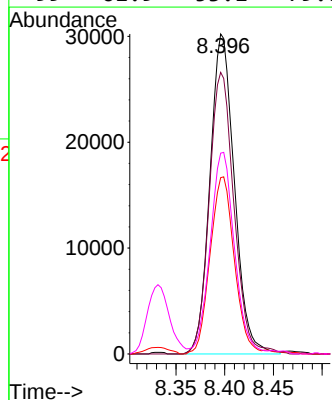
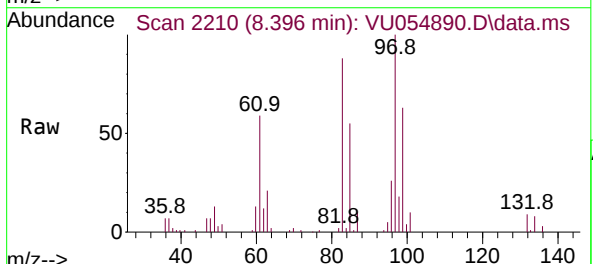
Manual Integrations
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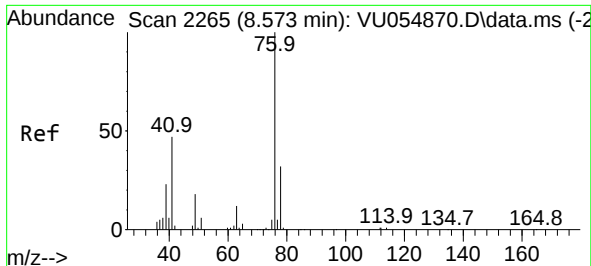
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.786 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15

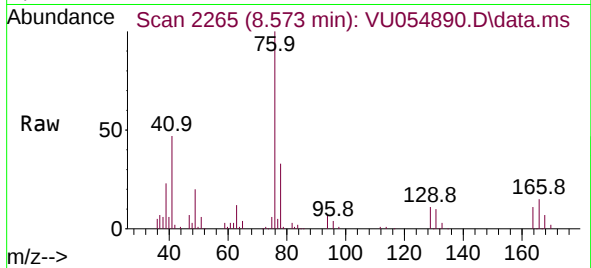
Tgt Ion: 97 Resp: 52664
 Ion Ratio Lower Upper
 97 100
 83 88.0 77.4 116.2
 85 55.1 47.8 71.8
 99 61.9 53.1 79.7





#53
1,3-Dichloropropane
Concen: 10.005 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

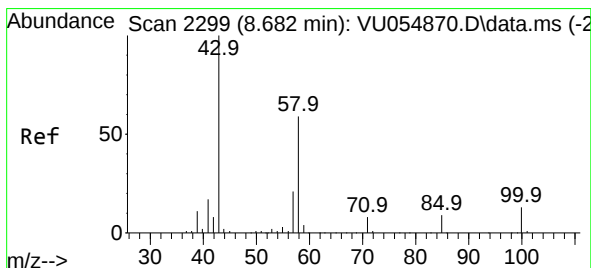
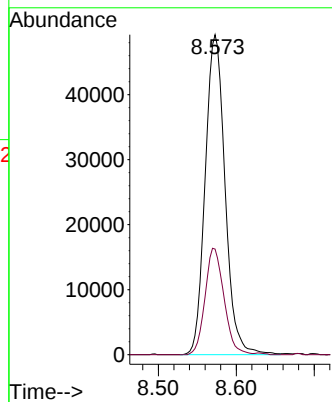
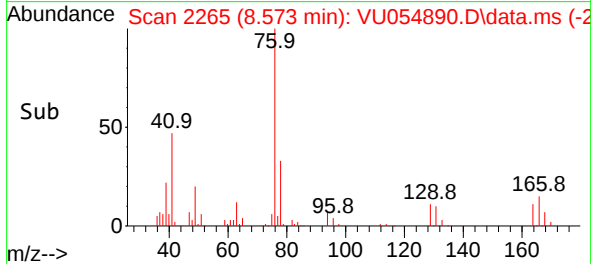
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



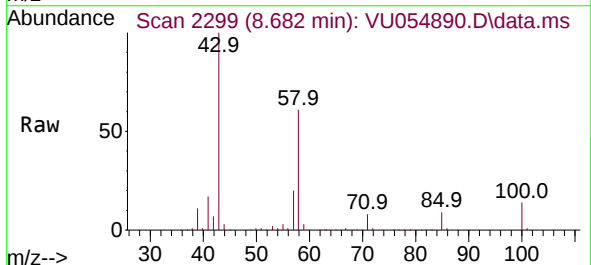
Tgt Ion: 76 Resp: 8709
Ion Ratio Lower Upper
76 100
78 31.8 24.6 36.8

Manual Integrations
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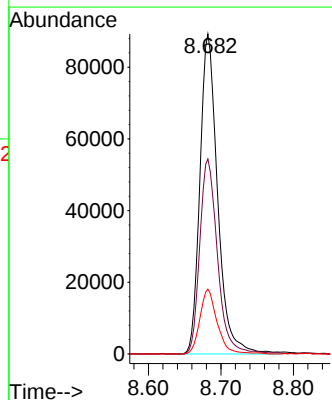
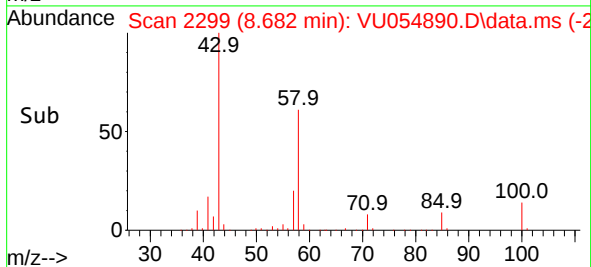
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

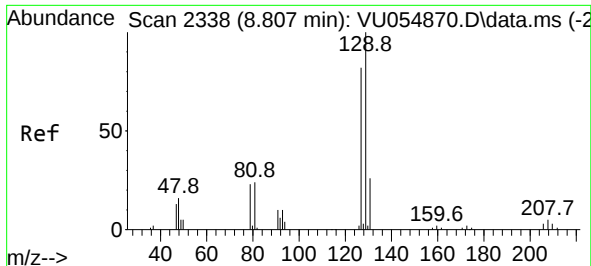


#54
2-Hexanone
Concen: 53.856 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



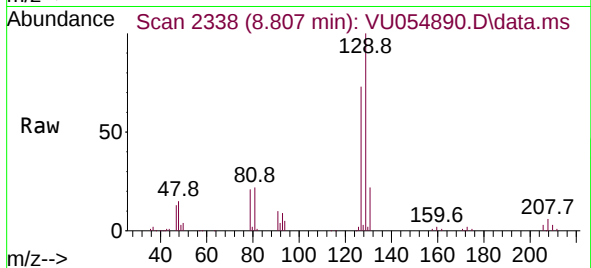
Tgt Ion: 43 Resp: 151574
Ion Ratio Lower Upper
43 100
58 61.0 38.9 78.9
57 19.6 0.0 38.7





#55
Dibromochloromethane
Concen: 10.328 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

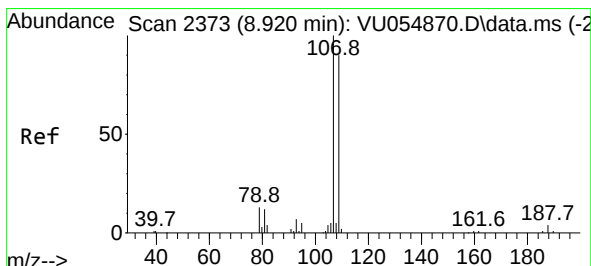
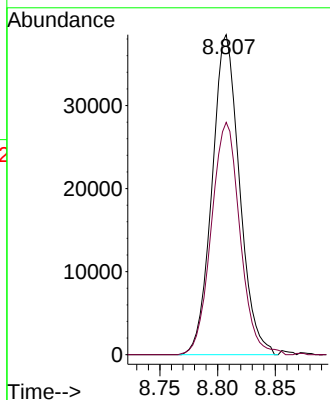
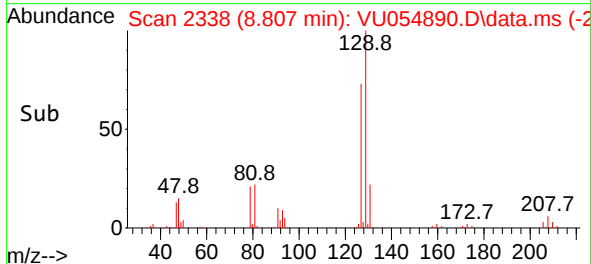
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 63678
Ion Ratio Lower Upper
129 100
127 75.6 61.4 92.0

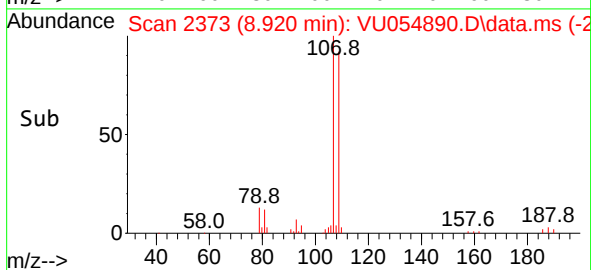
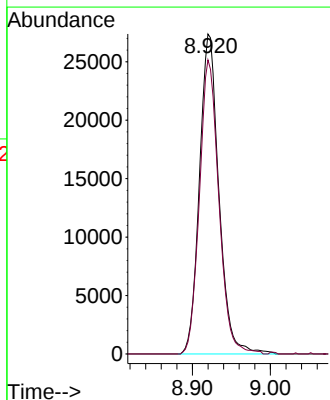
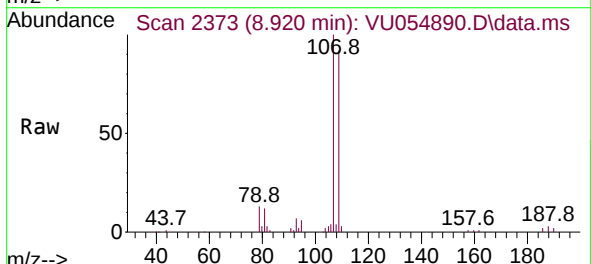
Manual Integrations
APPROVED

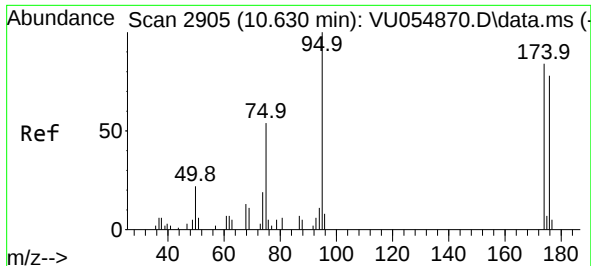
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 10.413 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

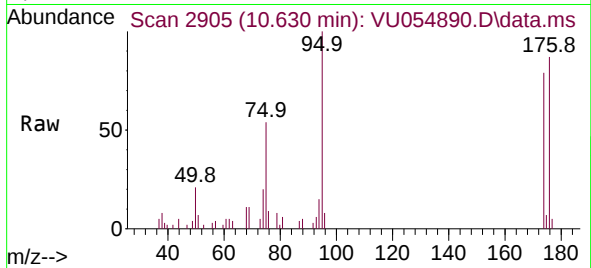
Tgt Ion:107 Resp: 47486
Ion Ratio Lower Upper
107 100
109 91.6 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.119 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

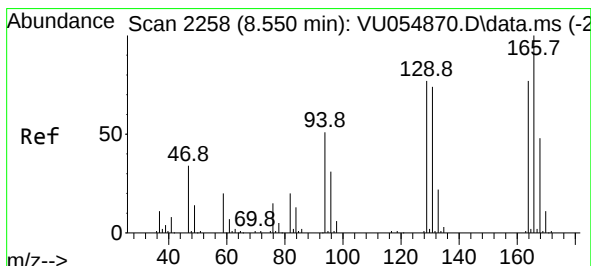
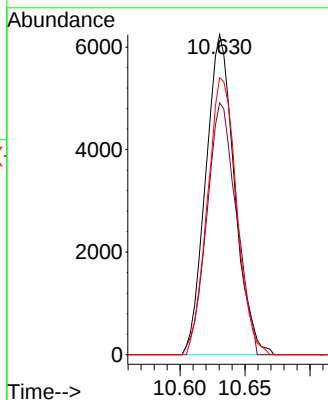
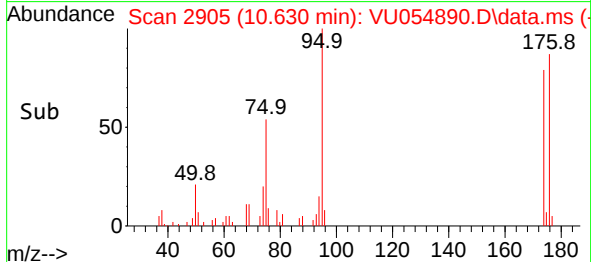
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 9629
Ion Ratio Lower Upper
95 100
174 80.7 79.3 118.9
176 87.7 71.5 107.3

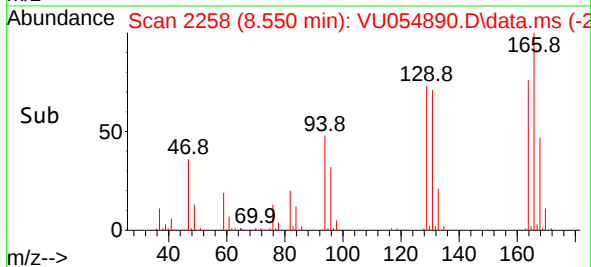
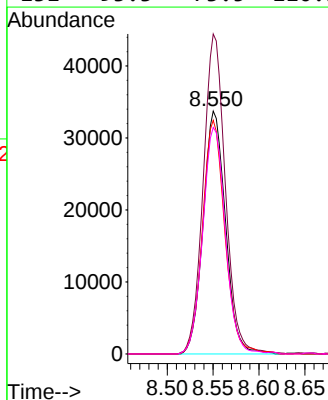
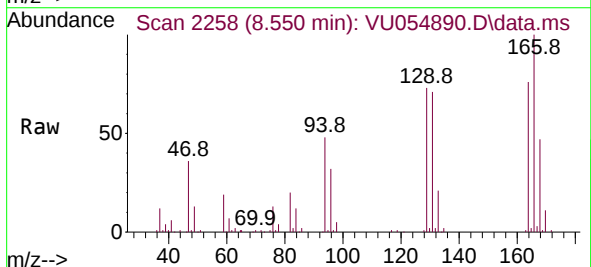
Manual Integrations
APPROVED

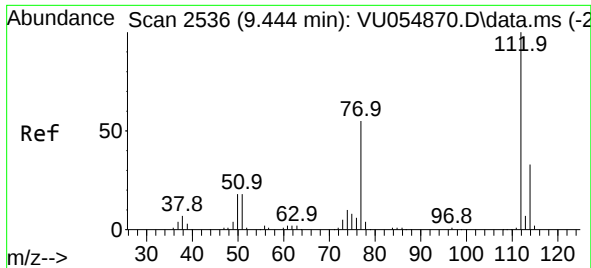
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 9.523 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

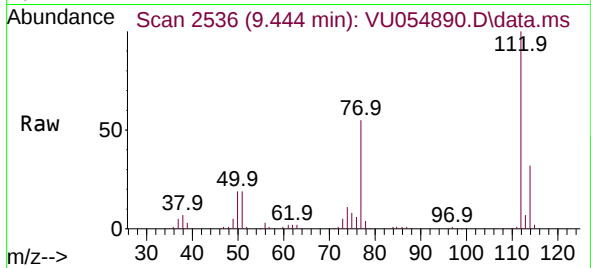
Tgt Ion:164 Resp: 57152
Ion Ratio Lower Upper
164 100
166 131.7 100.4 150.6
129 96.2 71.9 107.9
131 93.3 73.5 110.3





#59
Chlorobenzene
Concen: 9.828 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

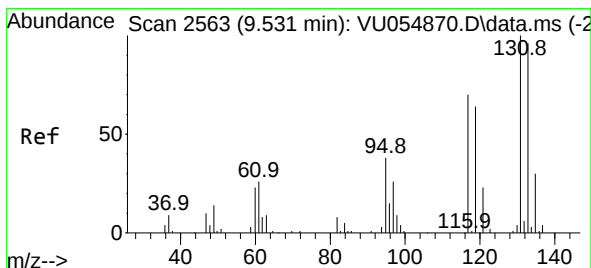
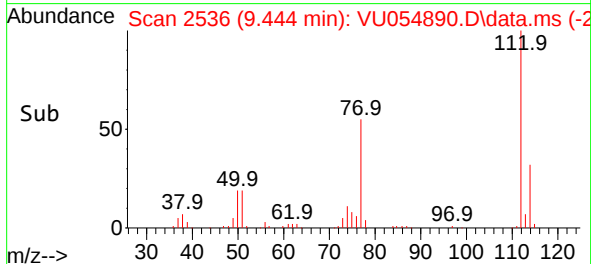
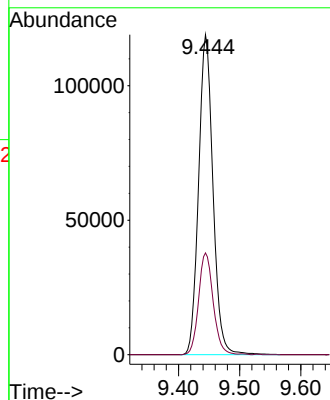
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 194229
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

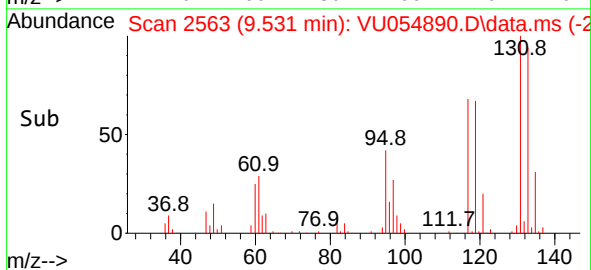
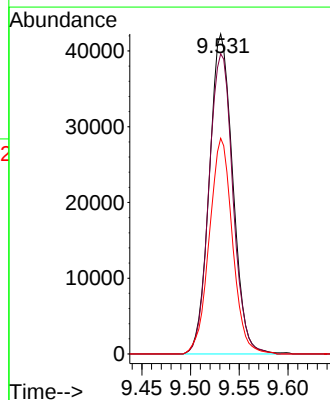
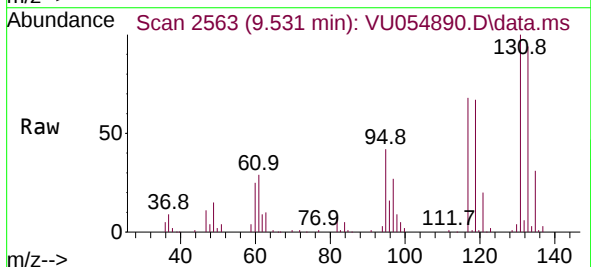
Manual Integrations
APPROVED

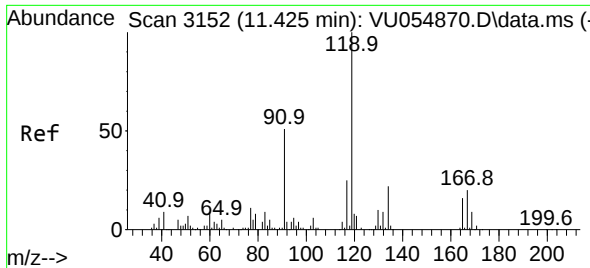
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.148 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

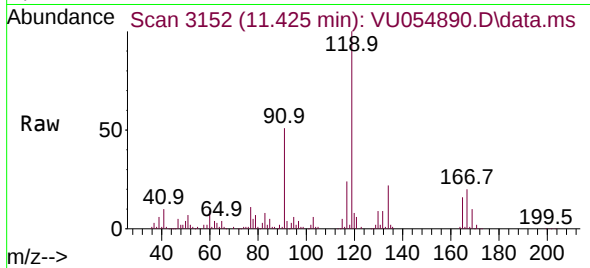
Tgt Ion:131 Resp: 70805
Ion Ratio Lower Upper
131 100
133 95.5 74.2 111.4
119 66.5 51.0 76.4





#61
 Pentachloroethane
 Concen: 10.284 ug/l
 RT: 11.425 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15

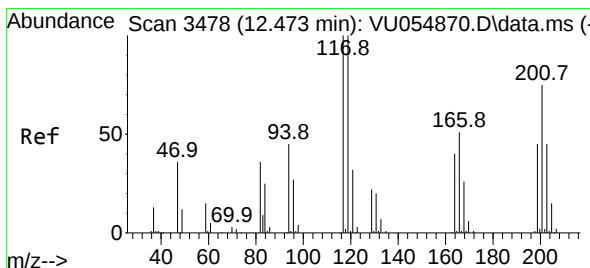
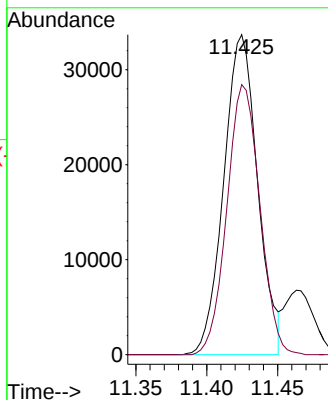
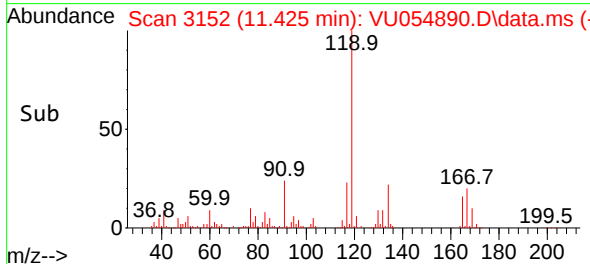
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



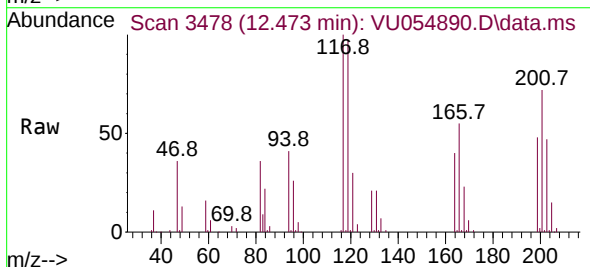
Tgt Ion:117 Resp: 56059
 Ion Ratio Lower Upper
 117 100
 167 82.2 65.3 97.9

Manual Integrations
 APPROVED

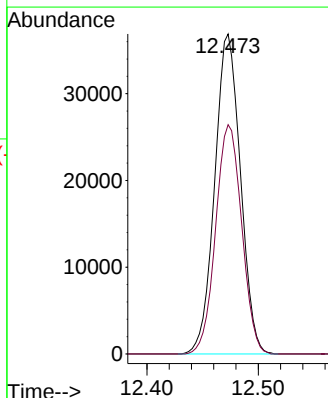
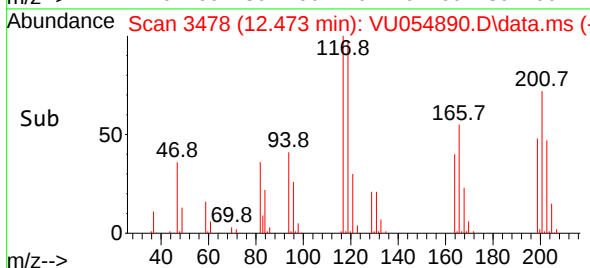
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023

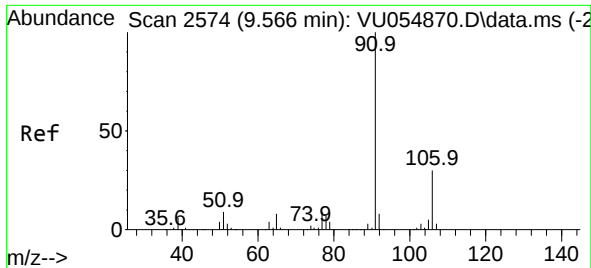


#62
 Hexachloroethane
 Concen: 10.568 ug/l
 RT: 12.473 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15



Tgt Ion:117 Resp: 59239
 Ion Ratio Lower Upper
 117 100
 201 72.5 56.1 84.1





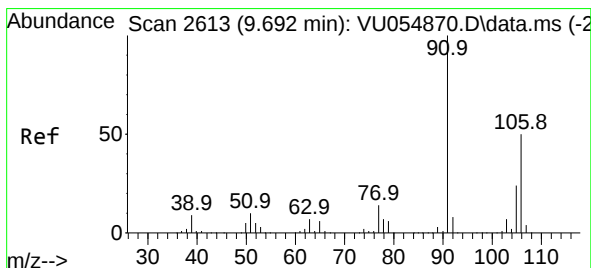
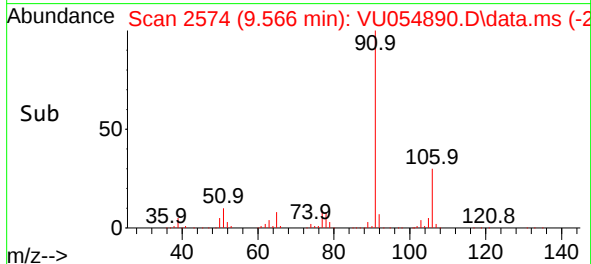
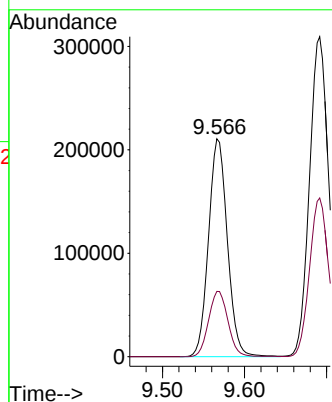
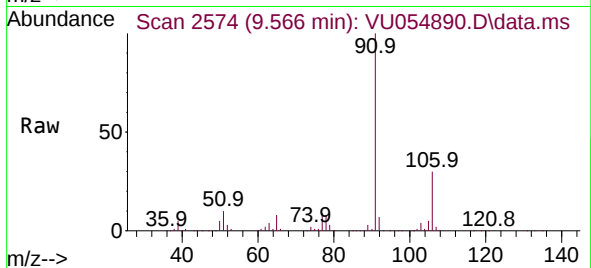
#63
Ethyl Benzene
Concen: 10.139 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 33622
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

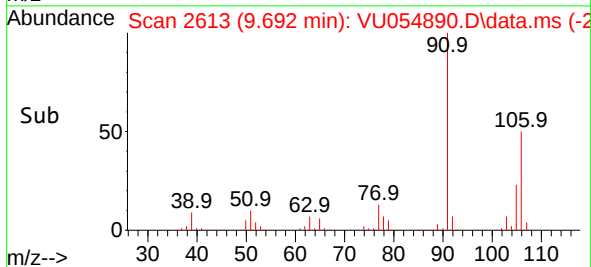
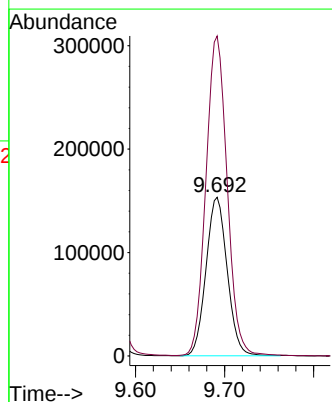
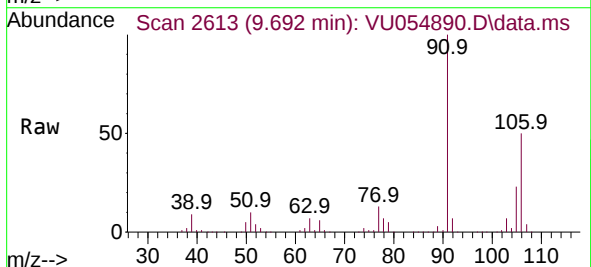
Manual Integrations
APPROVED

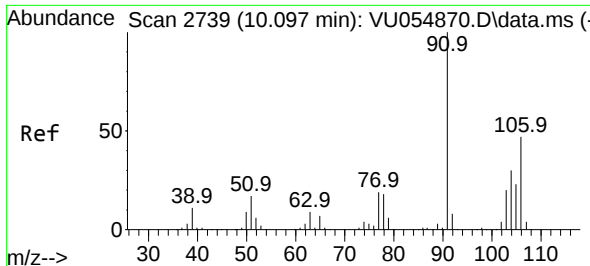
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 20.418 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion:106 Resp: 253327
Ion Ratio Lower Upper
106 100
91 201.8 158.8 238.2





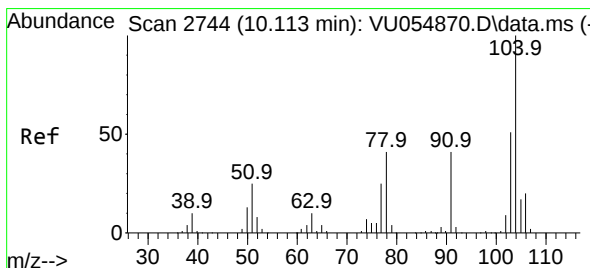
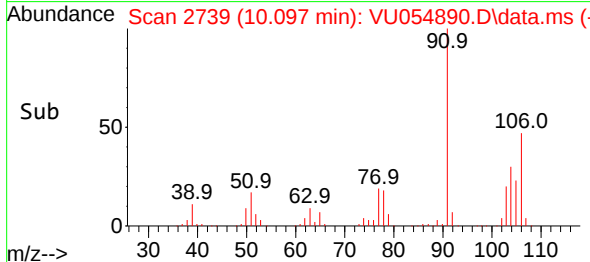
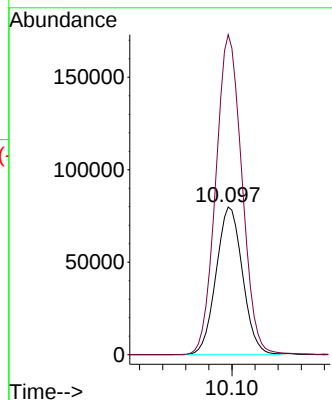
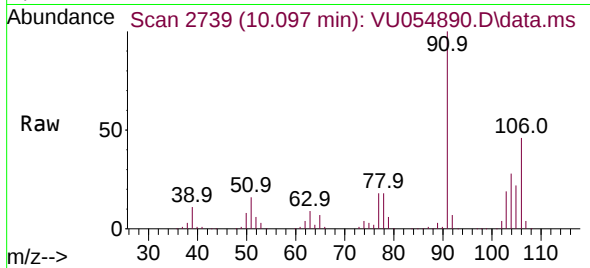
#65
o-Xylene
Concen: 9.975 ug/l
RT: 10.097 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 127115
Ion Ratio Lower Upper
106 100
91 214.9 108.9 326.8

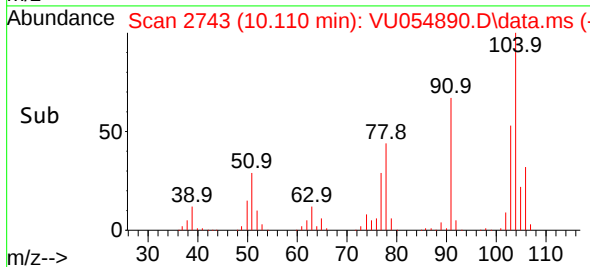
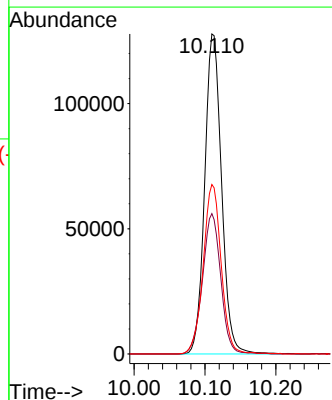
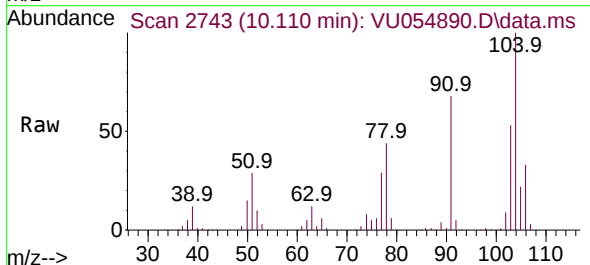
Manual Integrations
APPROVED

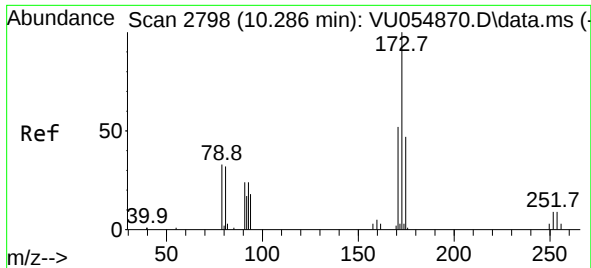
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 10.388 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion:104 Resp: 211672
Ion Ratio Lower Upper
104 100
78 47.4 37.5 56.3
103 56.1 45.2 67.8





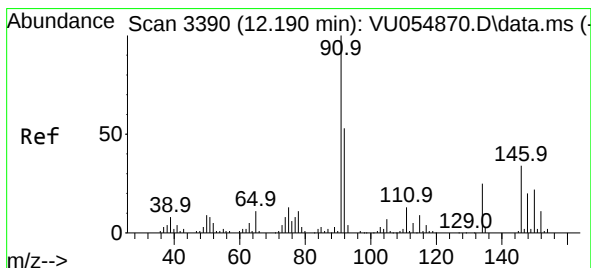
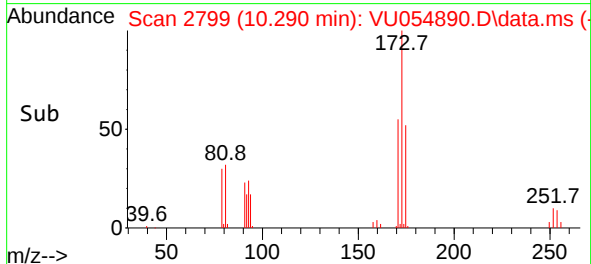
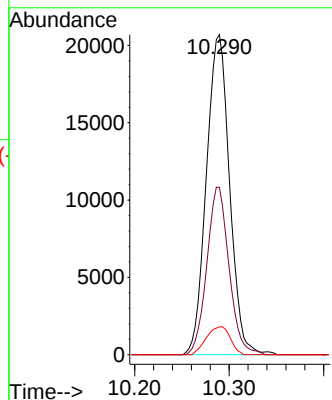
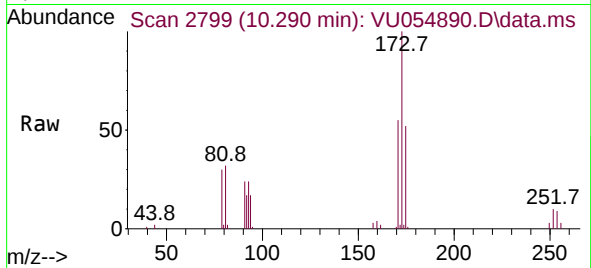
#67
Bromoform
Concen: 11.033 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 35270
Ion Ratio Lower Upper
173 100
175 50.0 39.0 58.6
254 9.0 7.4 11.0

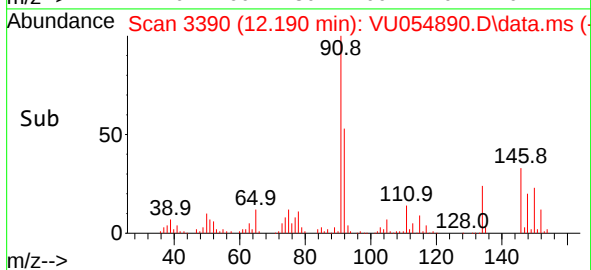
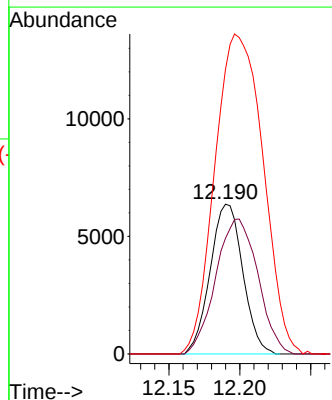
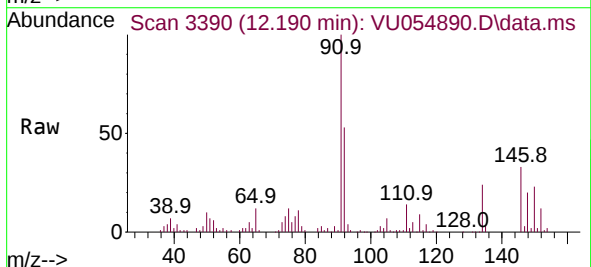
Manual Integrations
APPROVED

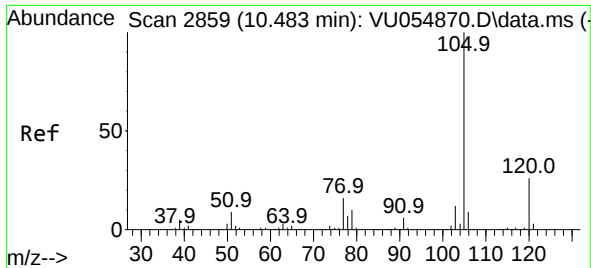
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.049 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion:152 Resp: 10205
Ion Ratio Lower Upper
152 100
115 116.1 0.0 234.8
150 315.3 0.0 598.2





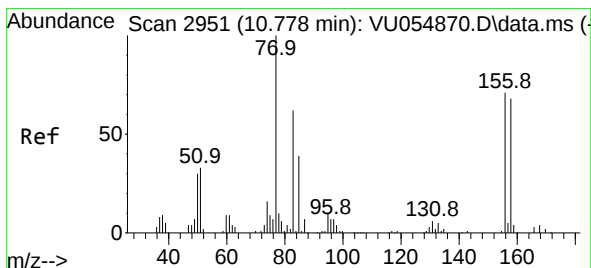
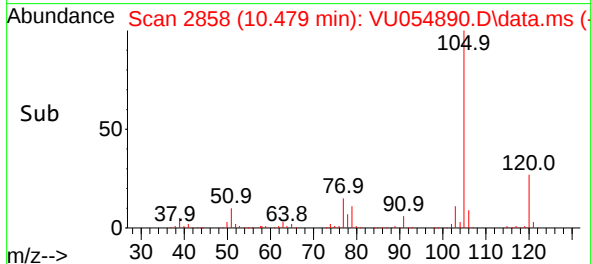
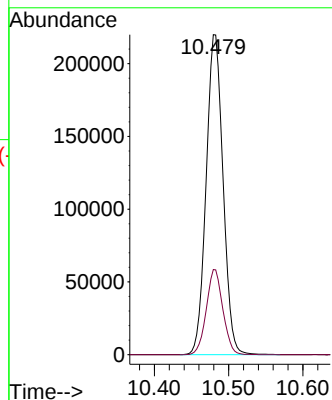
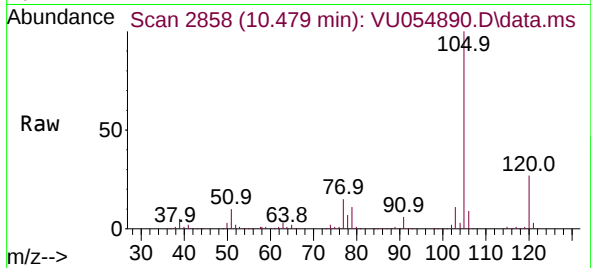
#69
Isopropylbenzene
Concen: 10.150 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 347262
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.6

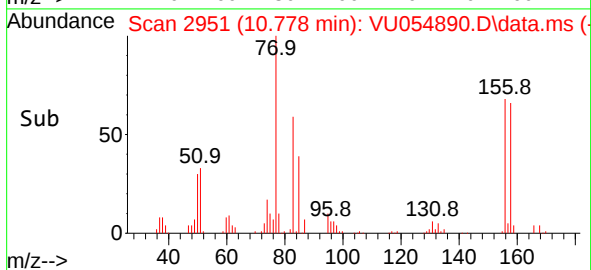
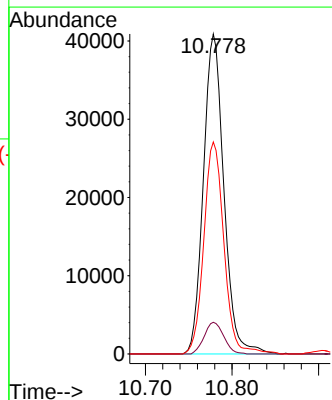
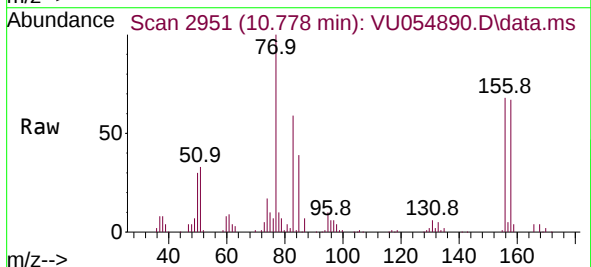
Manual Integrations
APPROVED

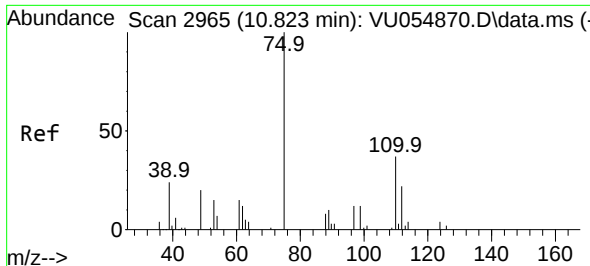
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.080 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

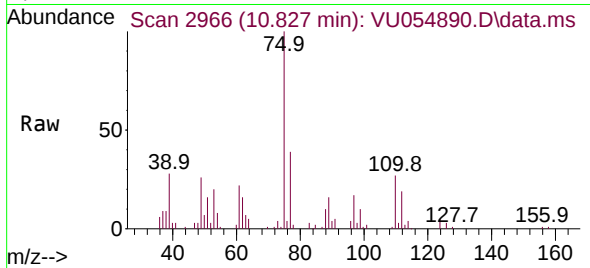
Tgt Ion: 83 Resp: 67138
Ion Ratio Lower Upper
83 100
131 9.4 7.5 11.3
85 65.1 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 8.977 ug/l m
RT: 10.827 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

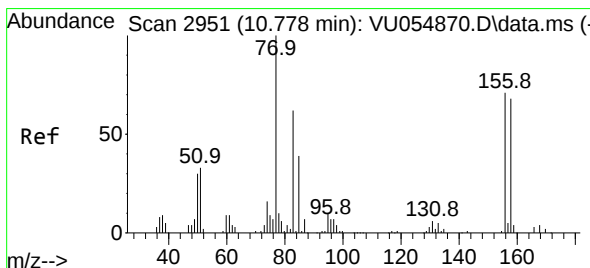
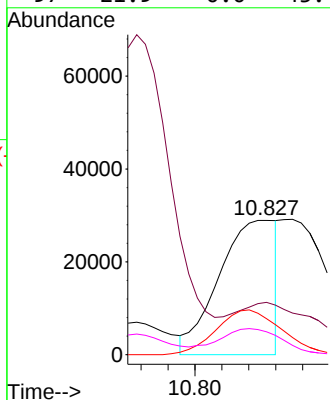
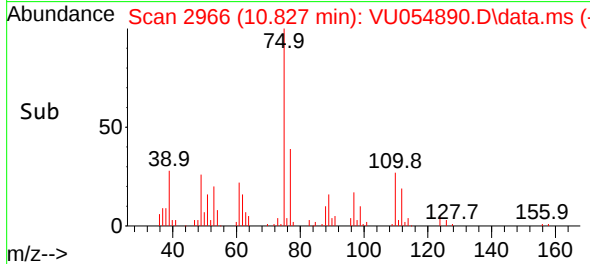
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



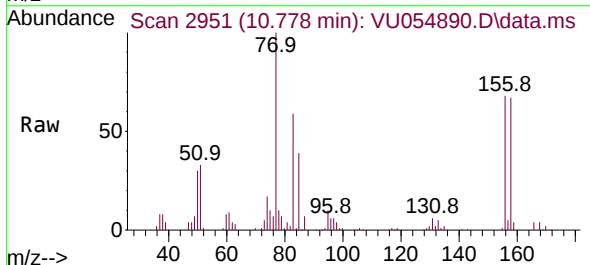
Tgt Ion: 75 Resp: 42590
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 38.3 0.0 80.8
97 21.9 0.0 43.4

Manual Integrations
APPROVED

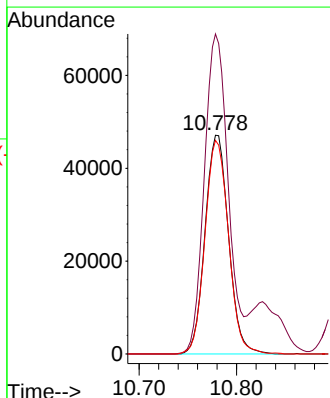
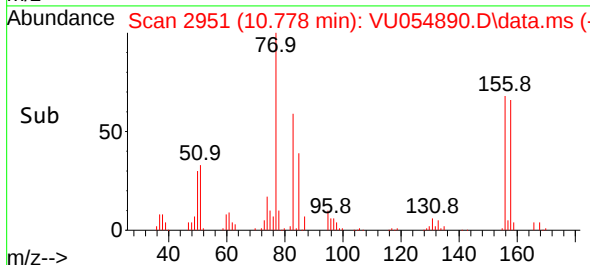
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

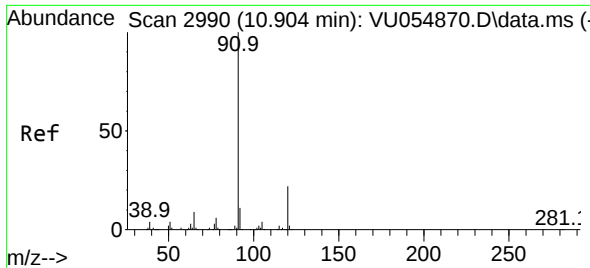


#72
Bromobenzene
Concen: 10.370 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



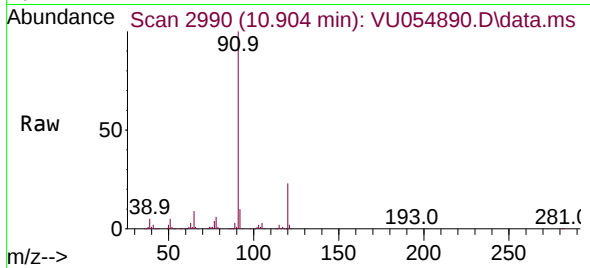
Tgt Ion:156 Resp: 78990
Ion Ratio Lower Upper
156 100
77 147.2 0.0 293.2
158 97.6 0.0 189.8





#73
n-propylbenzene
Concen: 10.567 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

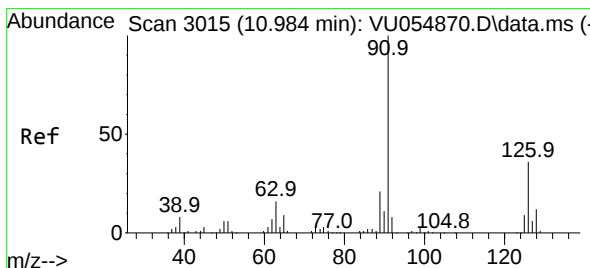
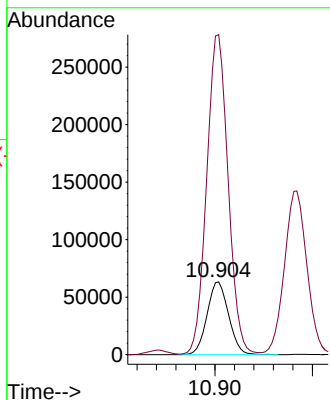
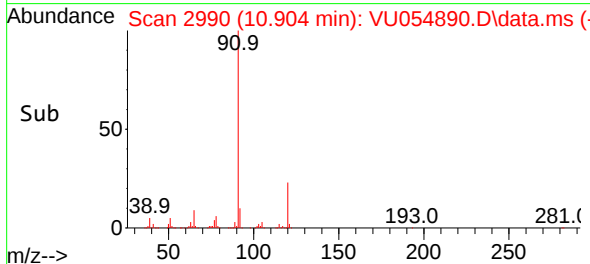
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:120 Resp: 9675
Ion Ratio Lower Upper
120 100
91 437.1 361.8 542.6

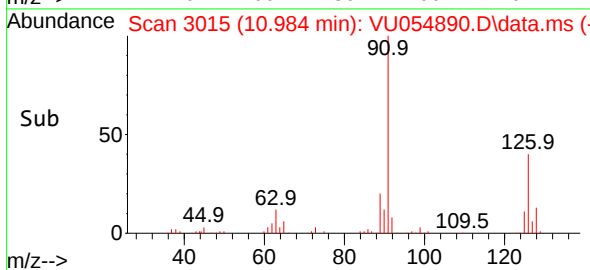
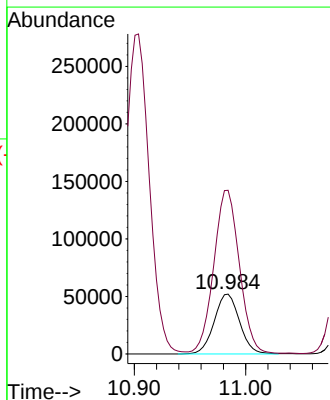
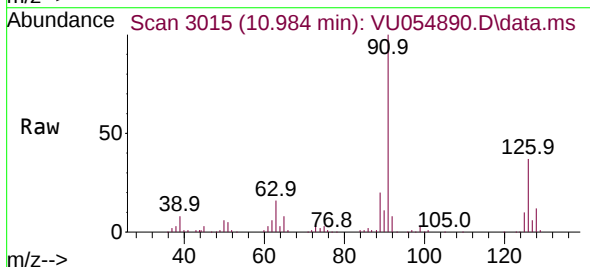
Manual Integrations
APPROVED

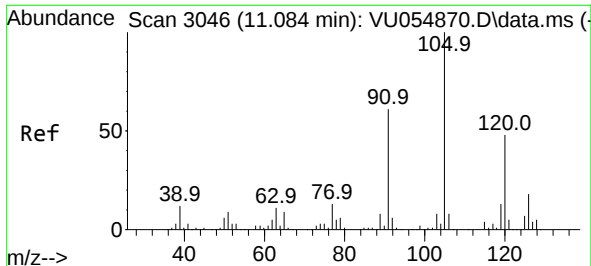
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.361 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Tgt Ion:126 Resp: 82126
Ion Ratio Lower Upper
126 100
91 274.9 0.0 561.4





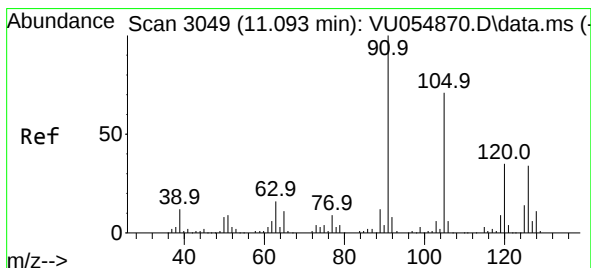
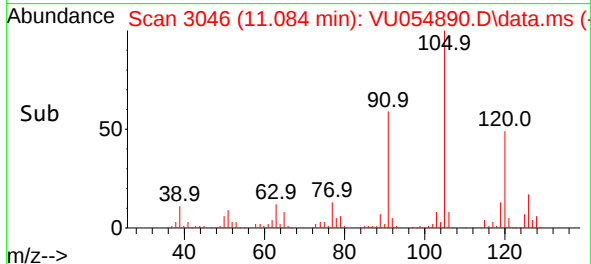
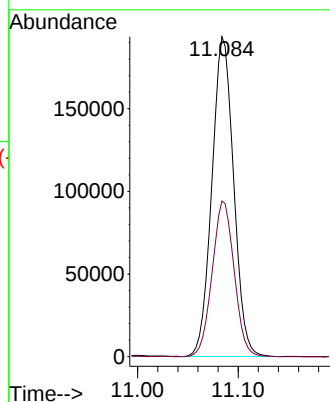
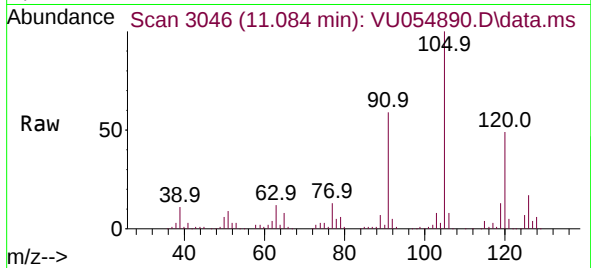
#75
1,3,5-Trimethylbenzene
Concen: 10.489 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 29062
Ion Ratio Lower Upper
105 100
120 49.2 39.0 58.4

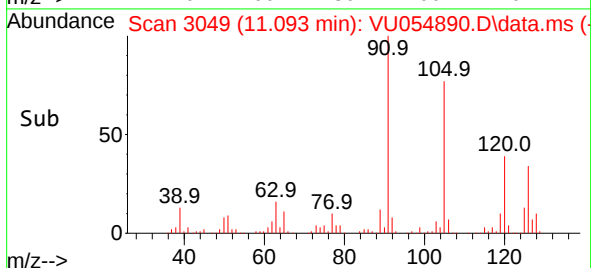
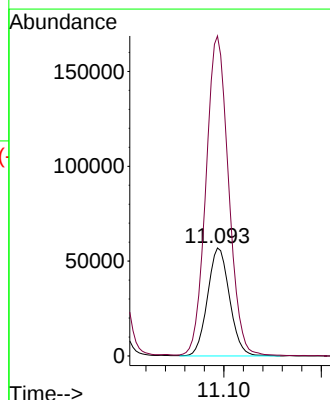
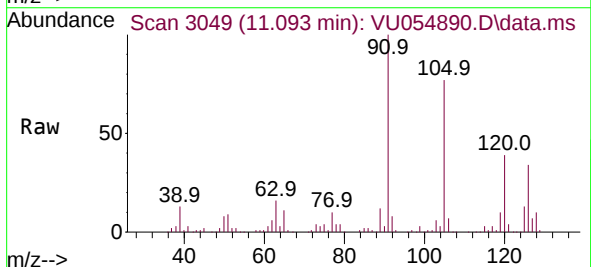
Manual Integrations
APPROVED

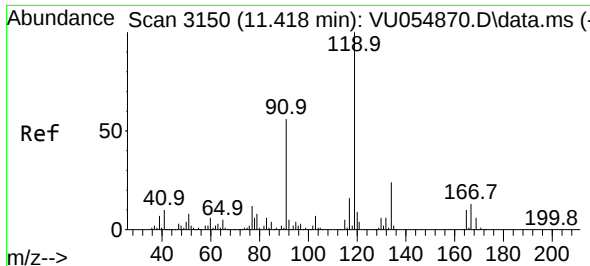
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 10.843 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

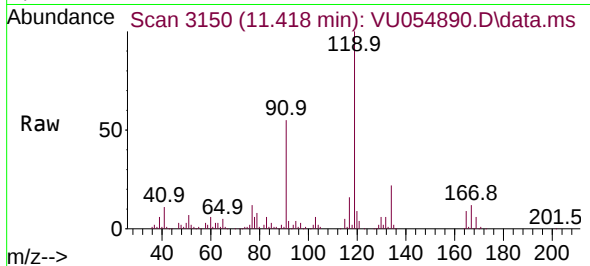
Tgt Ion:126 Resp: 89289
Ion Ratio Lower Upper
126 100
91 303.8 0.0 623.4





#77
tert-Butylbenzene
Concen: 10.354 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

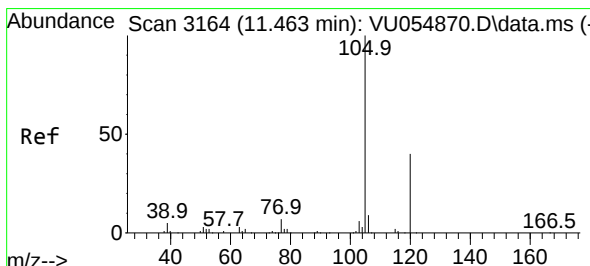
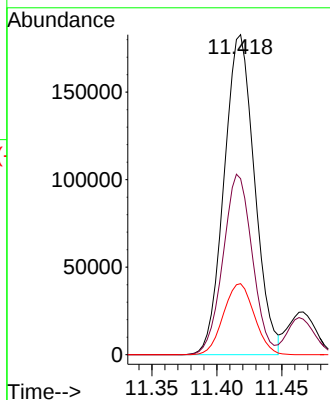
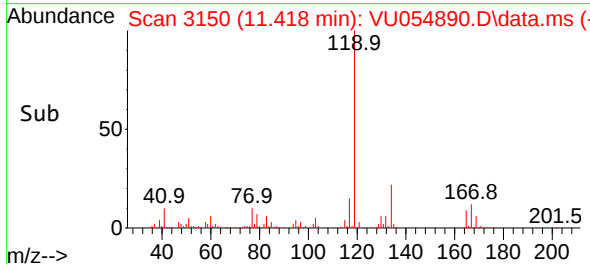
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 298330
Ion Ratio Lower Upper
119 100
91 54.1 27.7 83.1
134 22.5 18.6 27.8

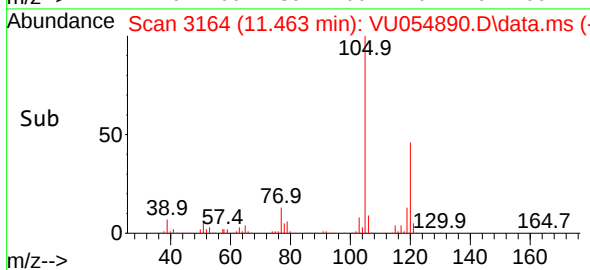
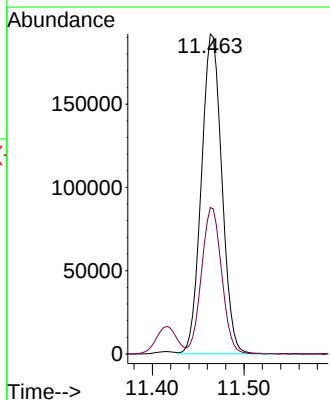
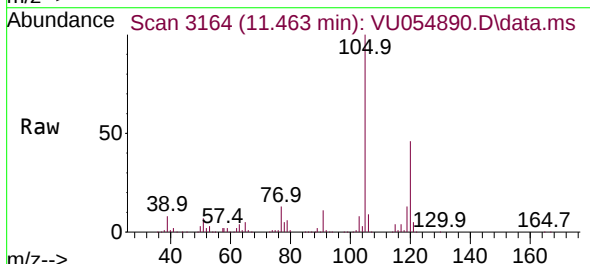
Manual Integrations
APPROVED

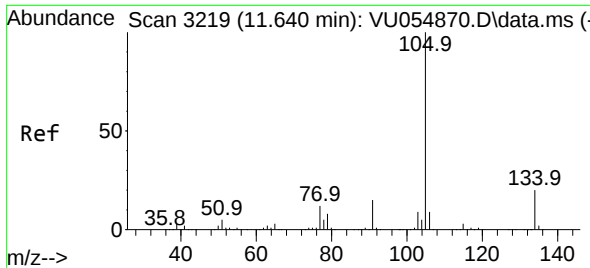
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 10.494 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

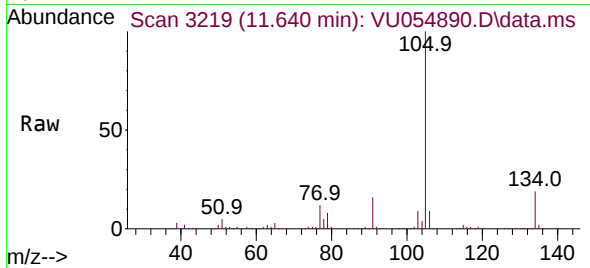
Tgt Ion:105 Resp: 297660
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 10.630 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15

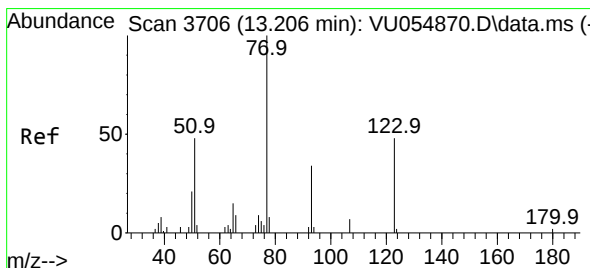
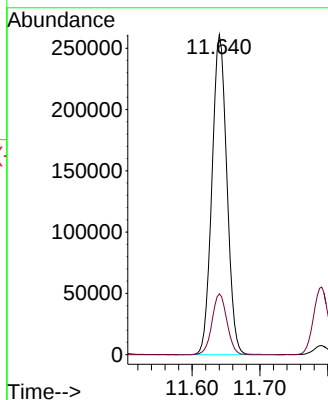
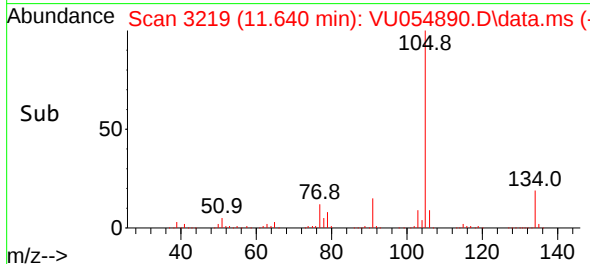
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



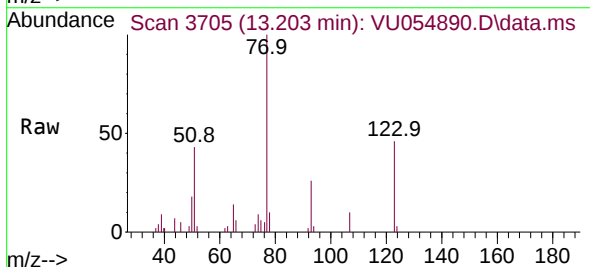
Tgt Ion:105 Resp: 39815
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.7 23.5

Manual Integrations
 APPROVED

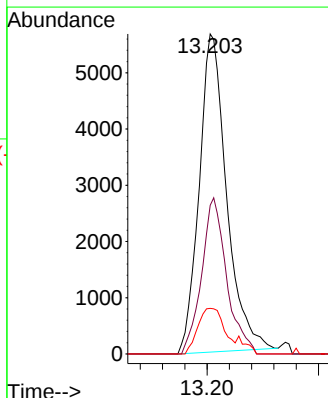
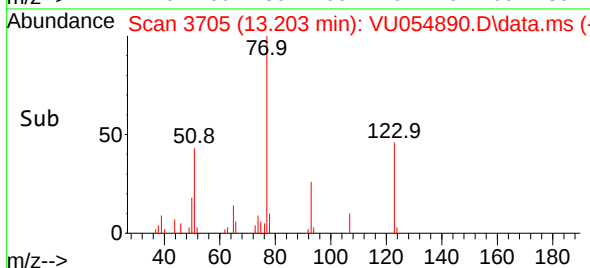
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023

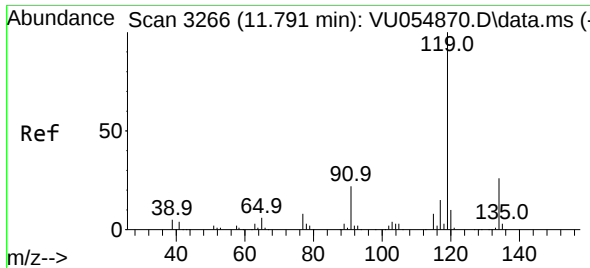


#80
 Nitrobenzene
 Concen: 55.170 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU054890.D
 Acq: 27 Jul 2023 10:15



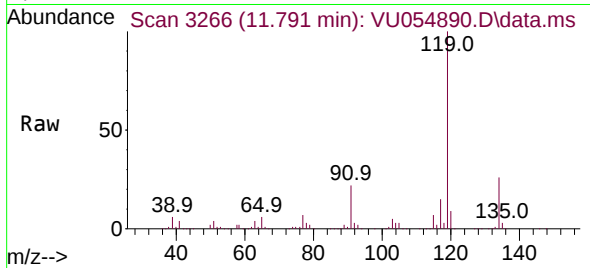
Tgt Ion: 77 Resp: 9655
 Ion Ratio Lower Upper
 77 100
 123 44.8 20.2 71.8
 65 11.2 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 10.982 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

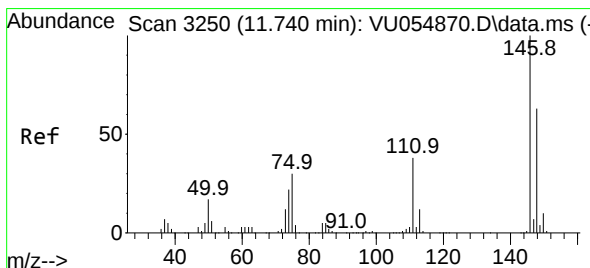
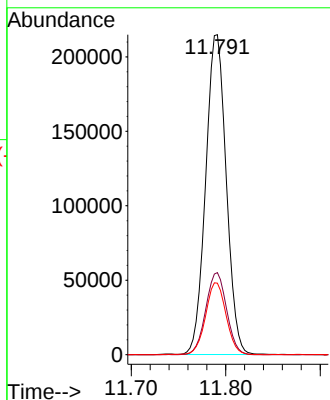
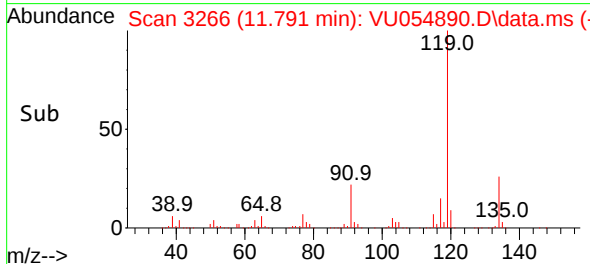
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



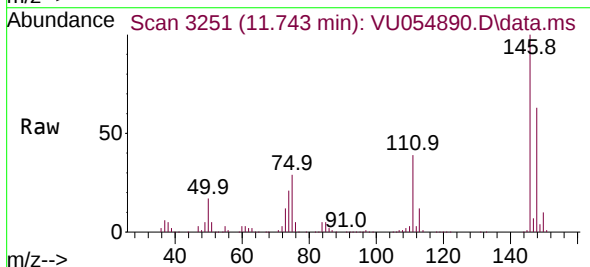
Tgt Ion:119 Resp: 324634
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 22.6 18.2 27.4

Manual Integrations
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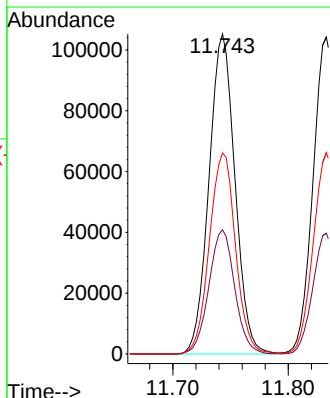
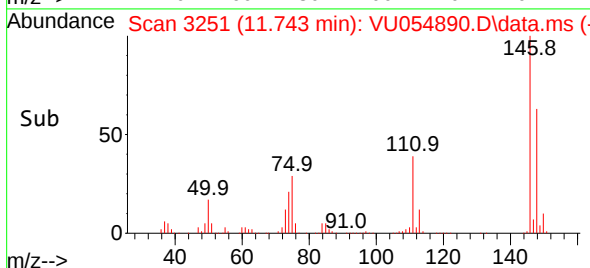
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

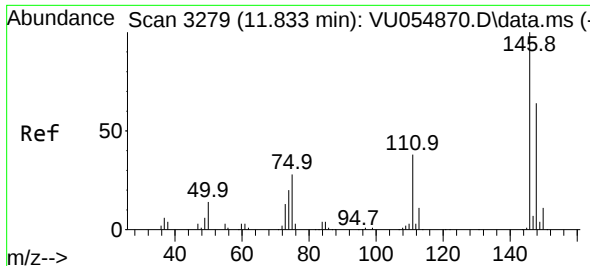


#82
1,3-Dichlorobenzene
Concen: 10.128 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



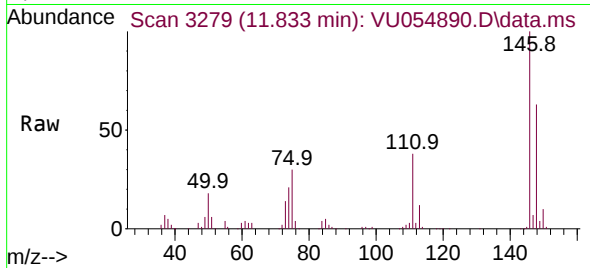
Tgt Ion:146 Resp: 164238
Ion Ratio Lower Upper
146 100
111 38.7 30.5 45.7
148 63.4 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 10.160 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

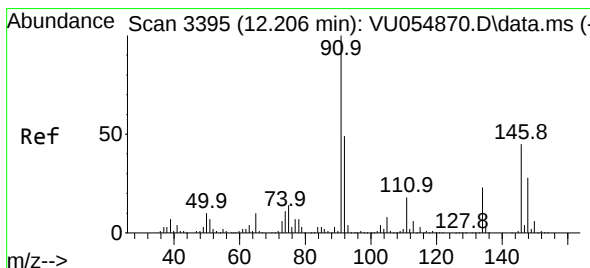
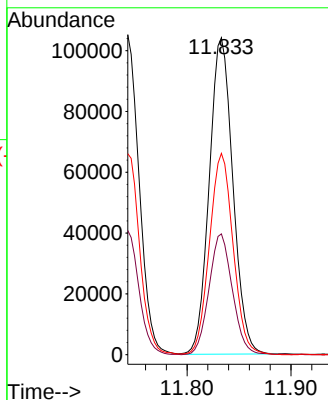
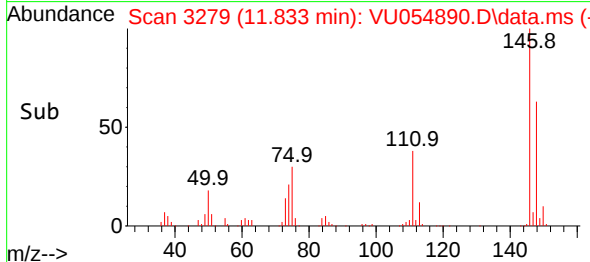
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



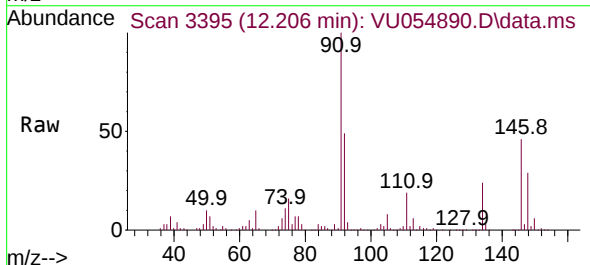
Tgt Ion:146 Resp: 16423
Ion Ratio Lower Upper
146 100
111 37.8 29.5 44.3
148 64.0 51.2 76.8

Manual Integrations
APPROVED

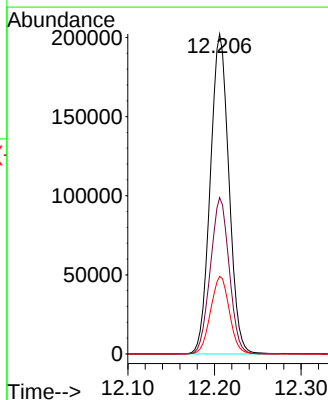
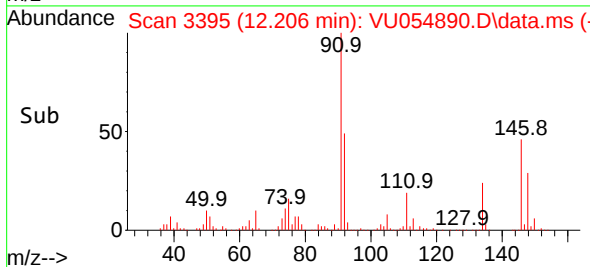
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

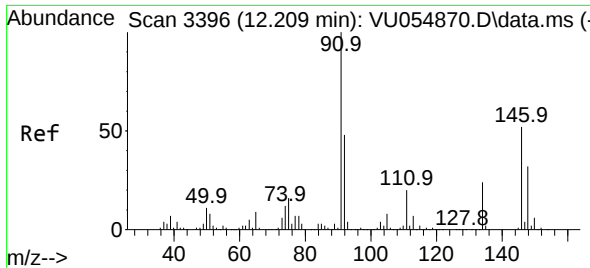


#84
n-Butylbenzene
Concen: 11.367 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



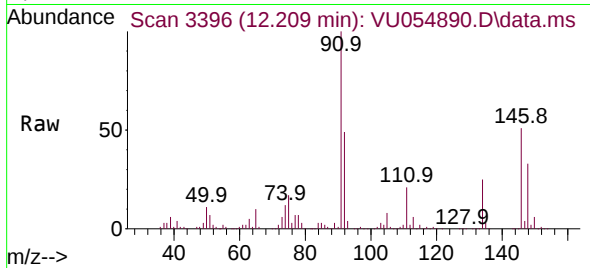
Tgt Ion: 91 Resp: 301810
Ion Ratio Lower Upper
91 100
92 49.4 39.8 59.8
134 24.4 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 10.057 ug/l
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

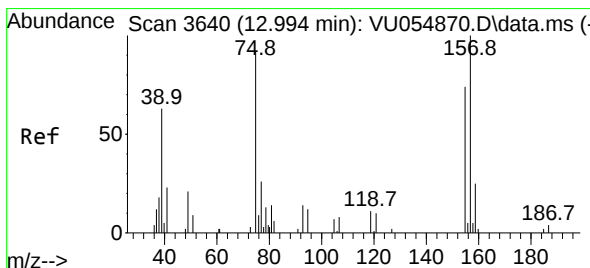
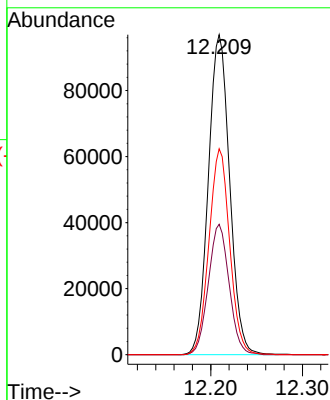
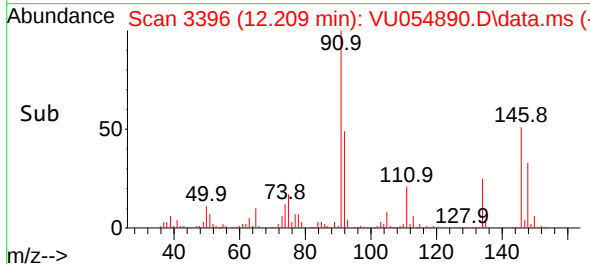
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



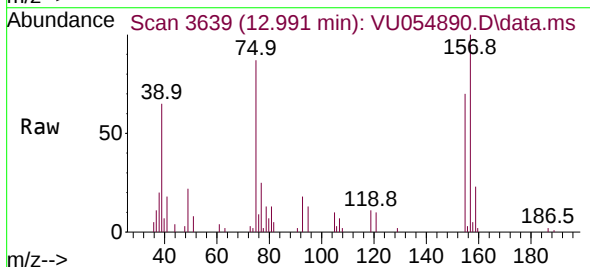
Tgt Ion:146 Resp: 15633
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.4
148 62.6 31.8 95.3

Manual Integrations
APPROVED

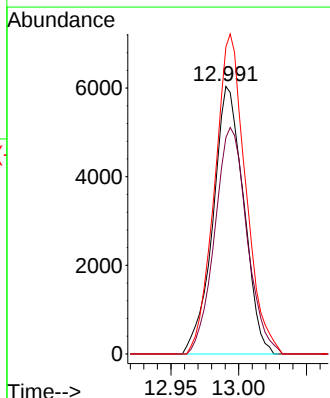
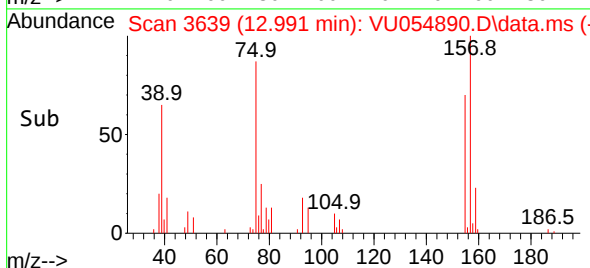
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

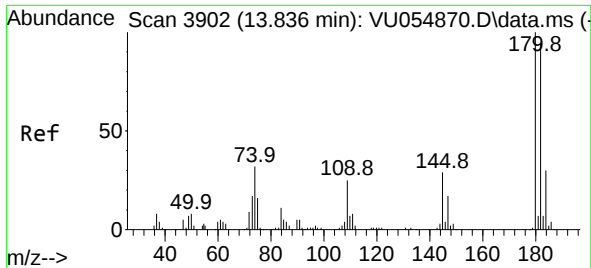


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.710 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



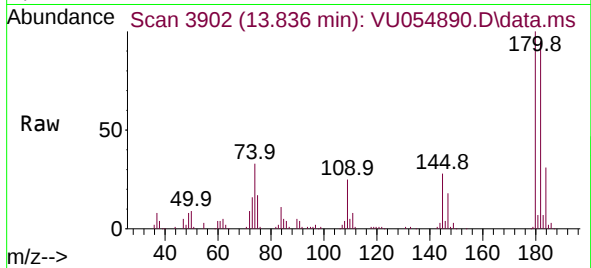
Tgt Ion: 75 Resp: 9484
Ion Ratio Lower Upper
75 100
155 89.0 74.8 112.2
157 120.7 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 10.416 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15

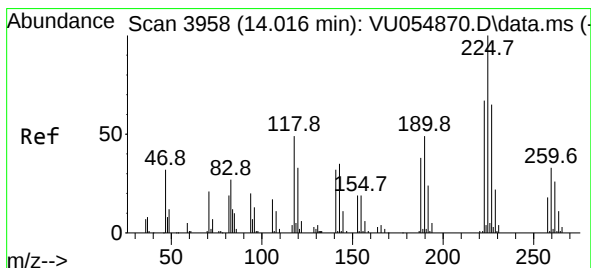
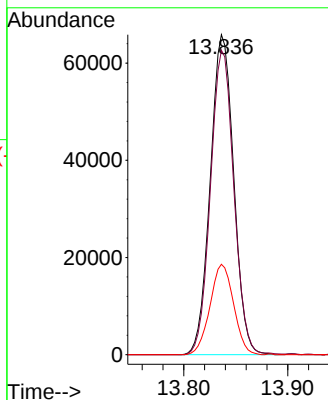
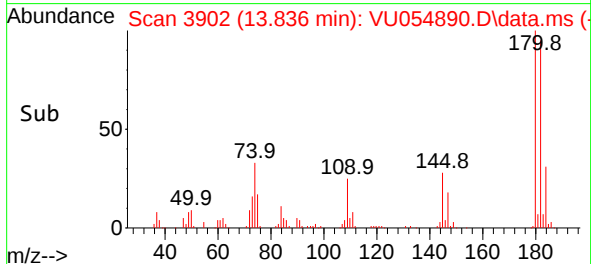
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



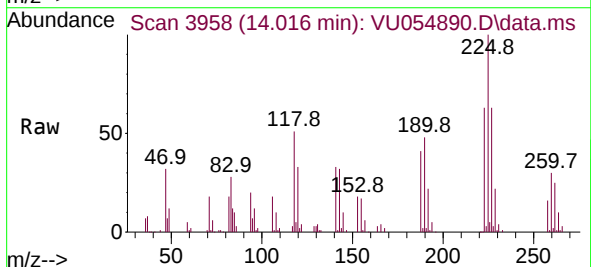
Tgt Ion:180 Resp: 103268
Ion Ratio Lower Upper
180 100
182 94.8 77.0 115.6
145 28.4 23.4 35.0

Manual Integrations
APPROVED

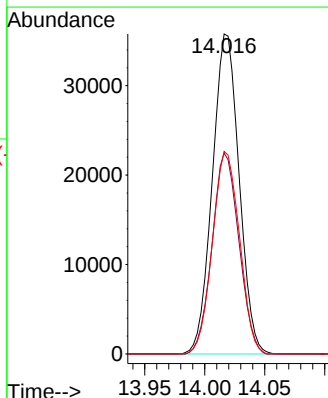
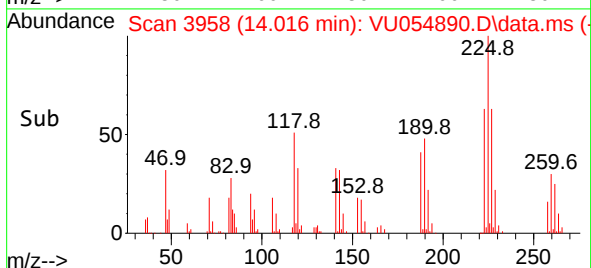
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

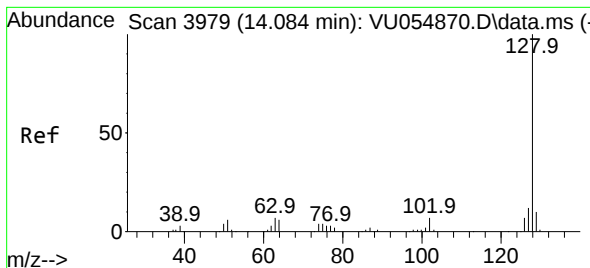


#88
Hexachlorobutadiene
Concen: 10.489 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054890.D
Acq: 27 Jul 2023 10:15



Tgt Ion:225 Resp: 55466
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 63.9 50.7 76.1





#89

Naphthalene

Concen: 10.855 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 16666

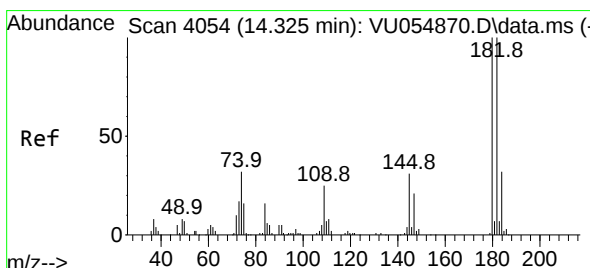
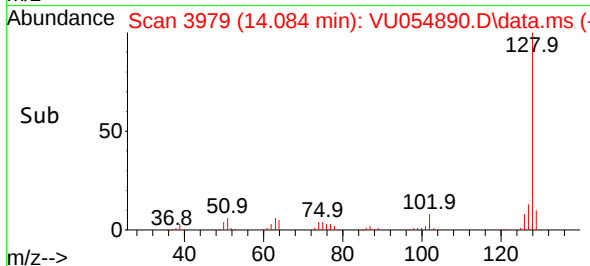
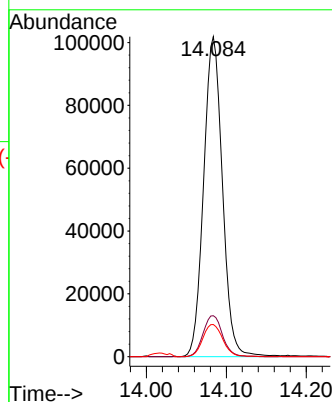
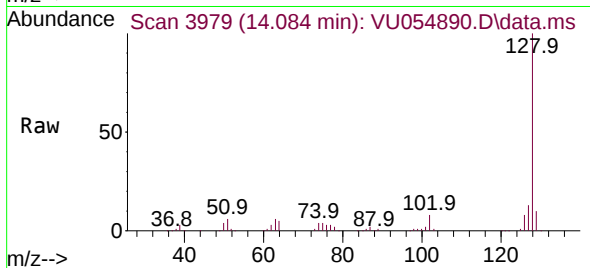
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

1,2,3-Trichlorobenzene

Concen: 10.033 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054890.D

Acq: 27 Jul 2023 10:15

Tgt Ion:180 Resp: 88258

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	31.0	24.3	36.5

