

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
 Data File : VU054912.D
 Acq On : 28 Jul 2023 16:10
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 28 23:13:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	26419	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	9290	1.160	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10591	1.170	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	48125	9.566	ug/l	99
3) Chloromethane	1.515	50	56802	10.051	ug/l	96
4) Vinyl Chloride	1.599	62	78172	10.357	ug/l	98
5) Bromomethane	1.853	94	62886	10.503	ug/l	100
6) Chloroethane	1.927	64	79102	10.140	ug/l	100
7) Trichlorofluoromethane	2.133	101	157937	8.907	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	58401	10.163	ug/l	98
9) 1,1-Dichloroethene	2.573	96	44883	9.840	ug/l	92
10) Iodomethane	2.715	142	71965	10.107	ug/l	98
11) Allyl Chloride	2.917	41	54316	9.964	ug/l	98
12) Acrylonitrile	3.322	53	25018	21.856	ug/l	98
13) Acetone	2.637	43	102941	86.041	ug/l	95
14) Carbon Disulfide	2.785	76	70544	8.927	ug/l	97
15) Methylene Chloride	3.039	84	80744	13.892	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	52262	10.525	ug/l	98
17) 1,1-Dichloroethane	3.866	63	113998	10.265	ug/l	98
18) 2-Butanone	4.708	43	117168	77.632	ug/l	98
19) Cyclohexane	5.383	56	69014m	11.044	ug/l	
20) Methylcyclohexane	6.760	83	85006	10.173	ug/l	99
21) 2,2-Dichloropropane	4.660	77	101685	9.878	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	71200	10.790	ug/l	97
23) Diethyl Ether	2.374	59	72654	10.797	ug/l	97
24) tert-Butyl Alcohol	3.210	59	63237	101.014	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	157522	11.161	ug/l	100
26) Bromochloromethane	4.969	128	28567	10.556	ug/l	97
27) Chloroform	5.084	83	129632	10.869	ug/l	98
28) 1,1,1-Trichloroethane	5.313	97	106849	10.373	ug/l	98
29) 1,1-Dichloropropene	5.525	75	77001	10.133	ug/l	98
30) Carbon Tetrachloride	5.522	117	88969	10.347	ug/l	94
31) Isopropyl Ether	3.991	45	174629	10.653	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	177746	10.531	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	174233	10.918	ug/l	99
34) Propionitrile	4.789	54	27434	65.931	ug/l #	96
35) Benzene	5.769	78	247504	10.402	ug/l	97
36) 1,2-Dichloroethane	5.792	62	75806	11.199	ug/l	98
37) Trichloroethene	6.541	130	69084	10.795	ug/l	99
38) 1,2-Dichloropropane	6.788	63	72930	10.842	ug/l	99
39) Methacrylonitrile	4.975	41	18749	11.239	ug/l	96
40) Methyl acrylate	4.846	55	31054	11.708	ug/l #	94
41) Tetrahydrofuran	5.055	42	20251	21.231	ug/l	93
42) 1-Chlorobutane	5.454	56	98640	9.914	ug/l	97
43) Dibromomethane	6.914	93	36812	11.651	ug/l	96
44) Bromodichloromethane	7.104	83	97126	11.034	ug/l	97

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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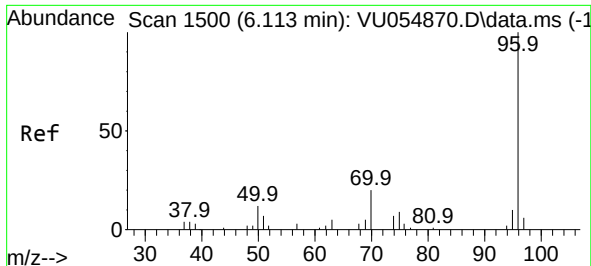
Manual Integrations
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Quant Time: Jul 28 23:13:17 2023
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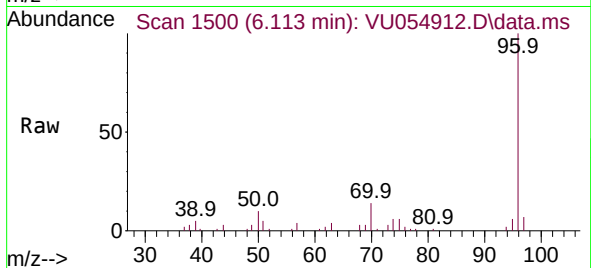
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	229065	62.135	ug/l	99
46) t-1,4-Dichloro-2-butene	10.836	75	32995m	22.244	ug/l	
47) Methyl methacrylate	6.959	69	69234	23.969	ug/l	98
48) Ethyl methacrylate	8.332	69	69971	11.977	ug/l	98
49) Toluene	7.965	92	165359	10.909	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	87150	11.151	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	100350	10.446	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	55609	11.102	ug/l	96
53) 1,3-Dichloropropane	8.573	76	93154	11.497	ug/l	99
54) 2-Hexanone	8.682	43	196373	74.963	ug/l	99
55) Dibromochloromethane	8.808	129	66746	11.630	ug/l	100
56) 1,2-Dibromoethane	8.923	107	49489	11.659	ug/l	99
58) Tetrachloroethene	8.550	164	63299	11.331	ug/l	97
59) Chlorobenzene	9.444	112	197272	10.724	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	72655	11.187	ug/l	100
61) Pentachloroethane	11.425	117	53473	10.540	ug/l	98
62) Hexachloroethane	12.473	117	58283	11.171	ug/l	97
63) Ethyl Benzene	9.566	91	336266	10.894	ug/l	99
64) m/p-Xylenes	9.692	106	253304	21.934	ug/l	97
65) o-Xylene	10.097	106	126786	10.689	ug/l	99
66) Styrene	10.113	104	220026	11.601	ug/l	98
67) Bromoform	10.290	173	35535	11.941	ug/l	98
69) Isopropylbenzene	10.483	105	344040	10.804	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.779	83	74835	12.071	ug/l	98
71) 1,2,3-Trichloropropane	10.824	75	53317m	12.074	ug/l	
72) Bromobenzene	10.779	156	79781	11.252	ug/l	98
73) n-propylbenzene	10.904	120	94666	11.108	ug/l	99
74) 2-Chlorotoluene	10.984	126	81094	10.992	ug/l	100
75) 1,3,5-Trimethylbenzene	11.087	105	288795	11.199	ug/l	100
76) 4-Chlorotoluene	11.094	126	87690	11.440	ug/l	99
77) tert-Butylbenzene	11.418	119	291449	10.867	ug/l	98
78) 1,2,4-Trimethylbenzene	11.467	105	301445	11.418	ug/l	100
79) sec-Butylbenzene	11.640	105	394862	11.326	ug/l	99
80) Nitrobenzene	13.203	77	9772	59.992	ug/l #	95
81) p-Isopropyltoluene	11.791	119	321583	11.687	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	169295	11.216	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	171306	11.385	ug/l	100
84) n-Butylbenzene	12.206	91	290628	11.759	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	158983	10.988	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.994	75	10134	12.295	ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	100585	10.900	ug/l	99
88) Hexachlorobutadiene	14.020	225	54339	11.040	ug/l	99
89) Naphthalene	14.084	128	155775	10.900	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	89932	10.984	ug/l	100

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU054912.D
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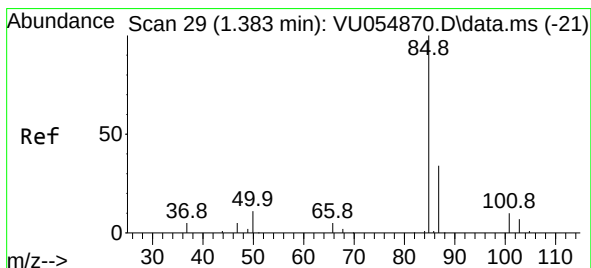
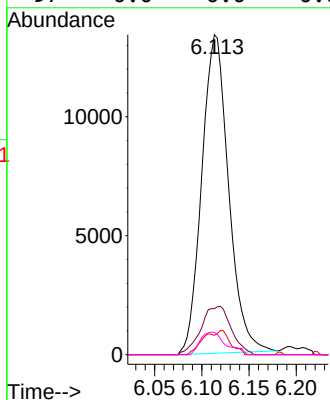
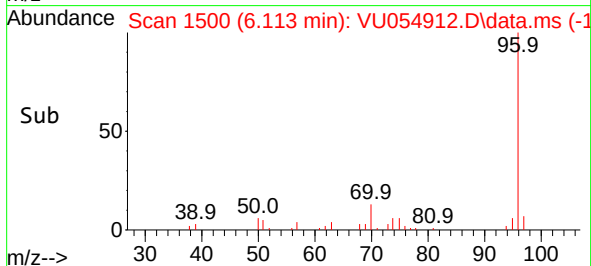
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



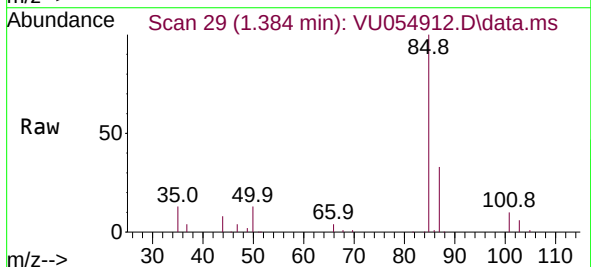
Tgt Ion: 96 Resp: 26419
Ion Ratio Lower Upper
96 100
70 17.1 14.0 21.0
95 7.6 8.7 13.1
97 0.0 0.0 0.0

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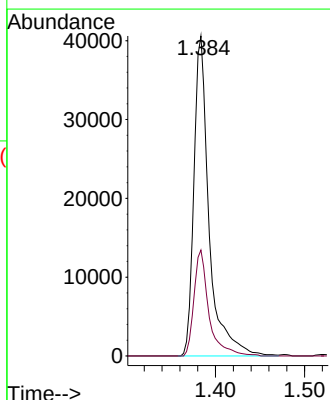
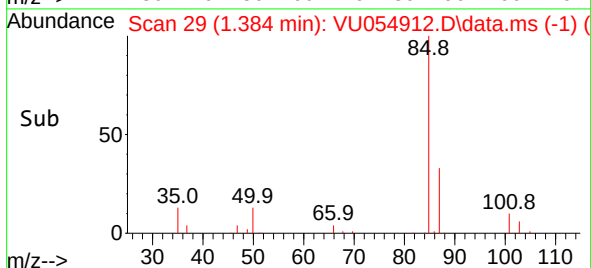
Reviewed By :John Carlone 07/31/2023
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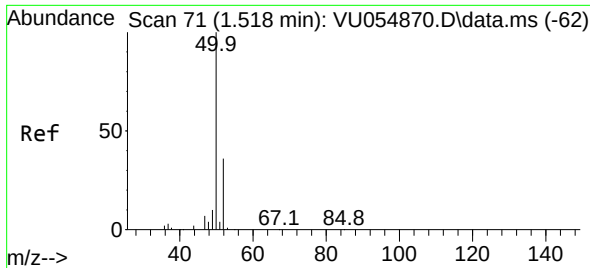


#2
Dichlorodifluoromethane
Concen: 9.566 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



Tgt Ion: 85 Resp: 48125
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





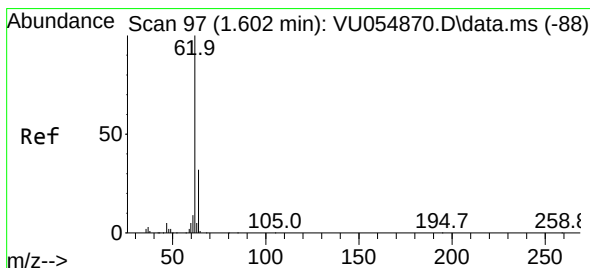
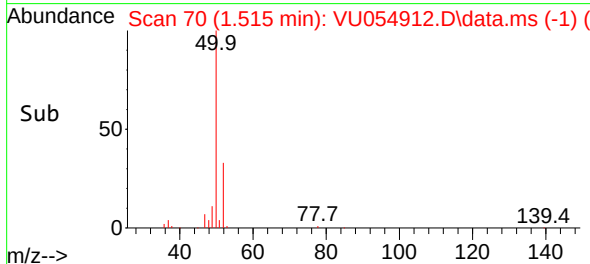
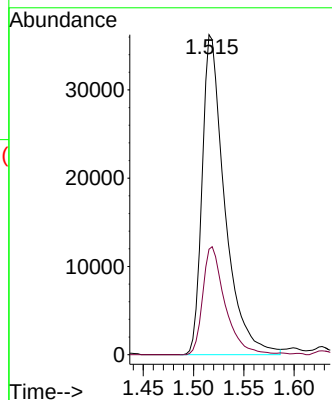
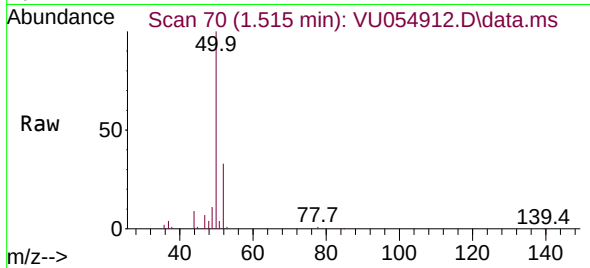
#3
Chloromethane
Concen: 10.051 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
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Tgt Ion: 50 Resp: 5680
Ion Ratio Lower Upper
50 100
52 33.0 28.2 42.2

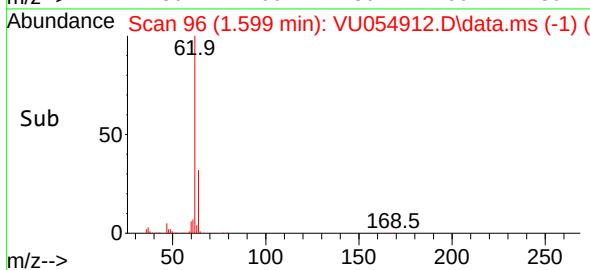
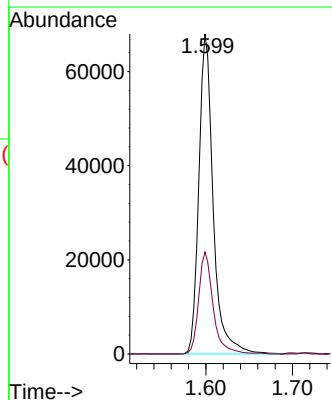
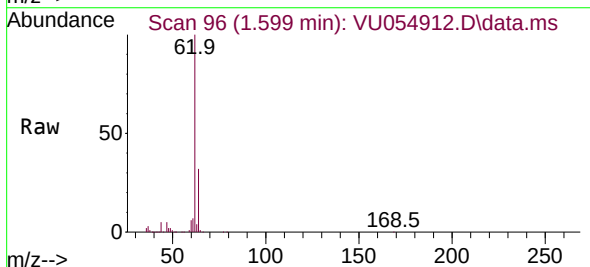
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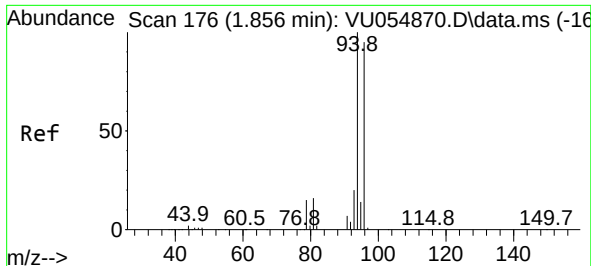
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 10.357 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

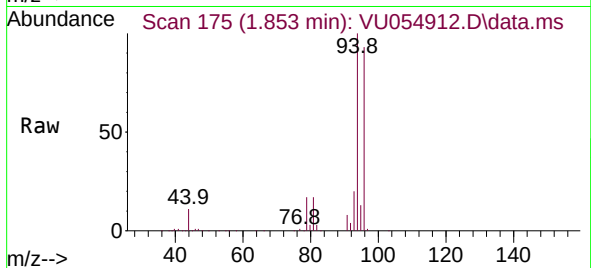
Tgt Ion: 62 Resp: 78172
Ion Ratio Lower Upper
62 100
64 31.9 26.4 39.6





#5
Bromomethane
Concen: 10.503 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

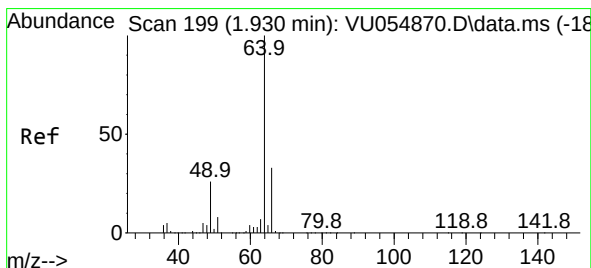
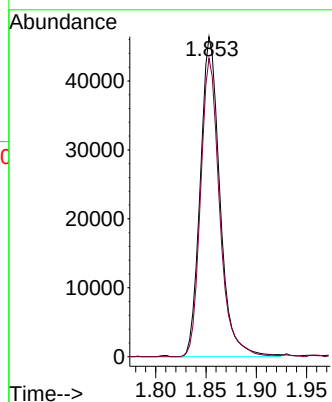
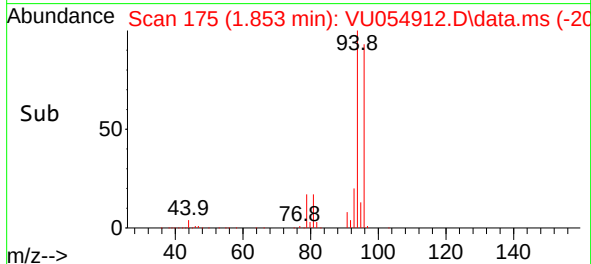
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 62880
Ion Ratio Lower Upper
94 100
96 93.3 74.6 111.8

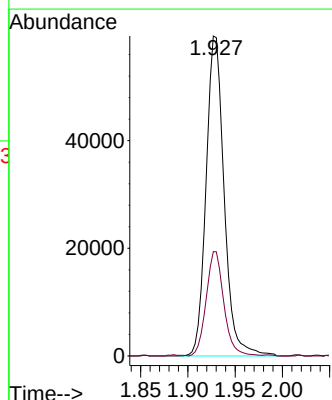
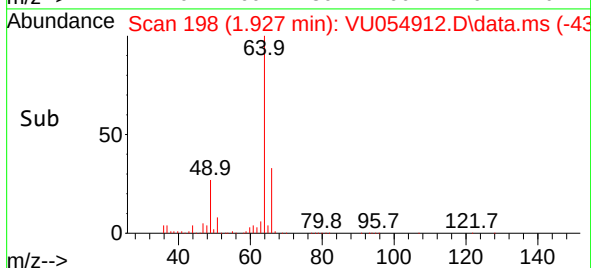
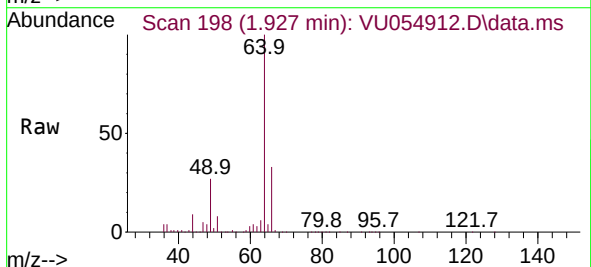
Manual Integrations
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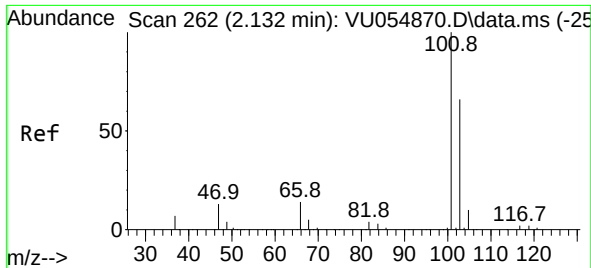
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 10.140 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

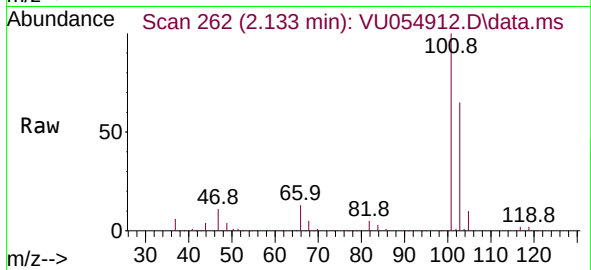
Tgt Ion: 64 Resp: 79102
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 8.907 ug/l
 RT: 2.133 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

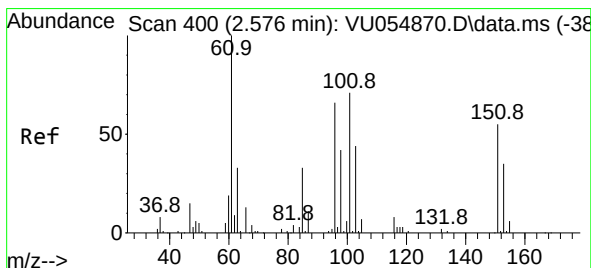
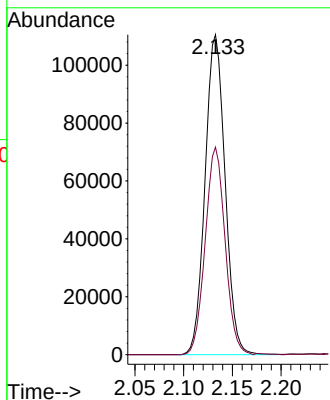
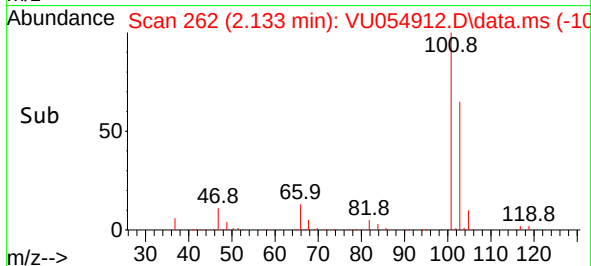
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 ClientSampleId :
 VSTDCCC010EC



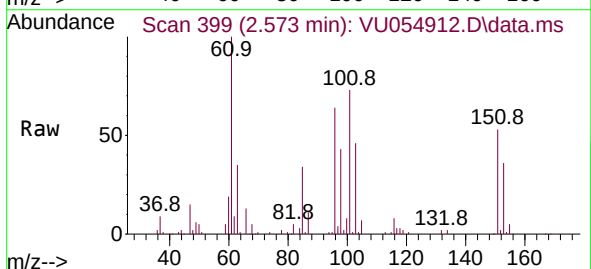
Tgt Ion:101 Resp: 15793
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.9 79.3

Manual Integrations
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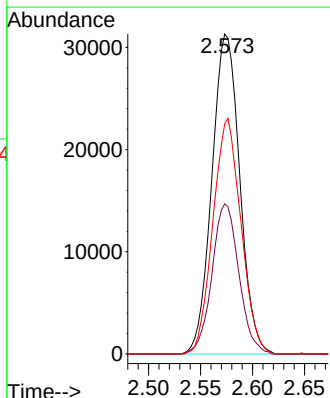
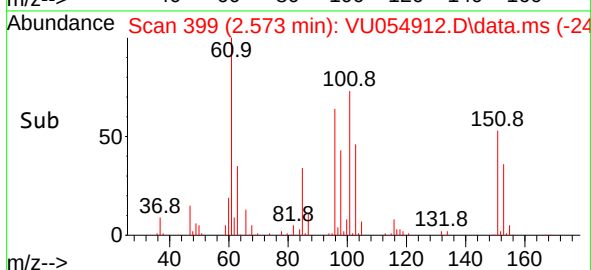
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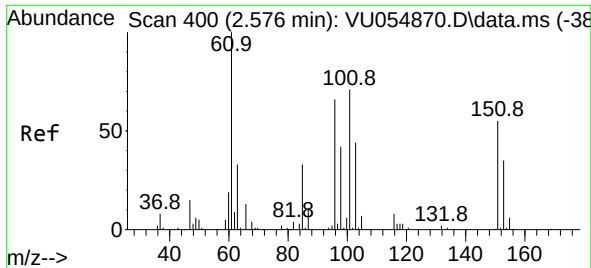


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.163 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10



Tgt Ion:101 Resp: 58401
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.8 52.2
 151 74.0 60.5 90.7





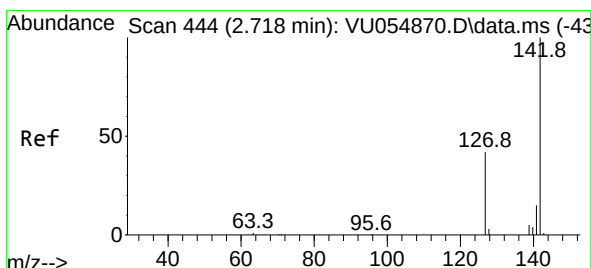
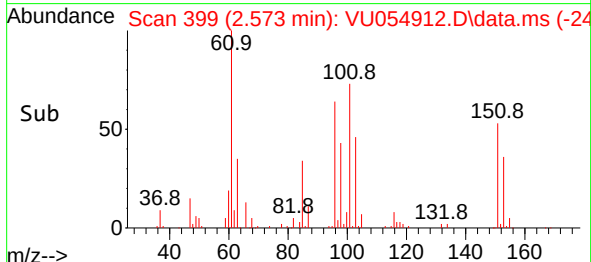
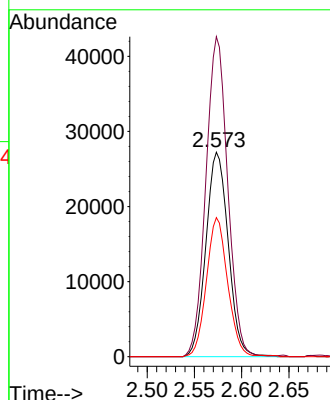
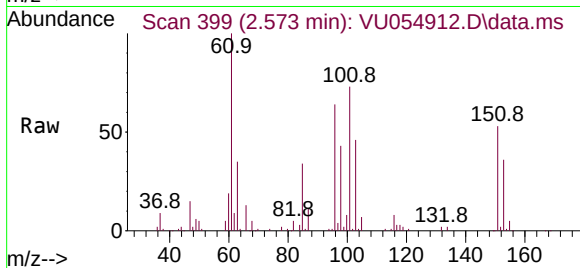
#9
1,1-Dichloroethene
Concen: 9.840 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 4488
Ion Ratio Lower Upper
96 100
61 156.5 0.0 440.1
98 68.0 0.0 121.8

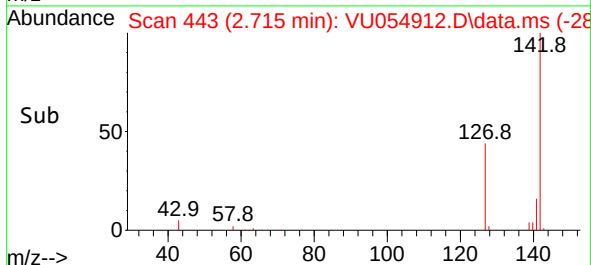
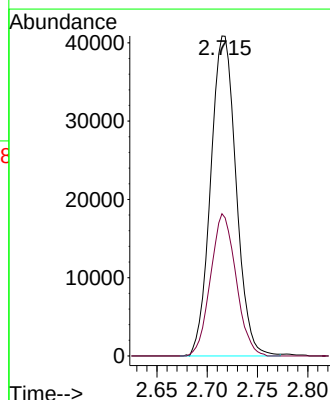
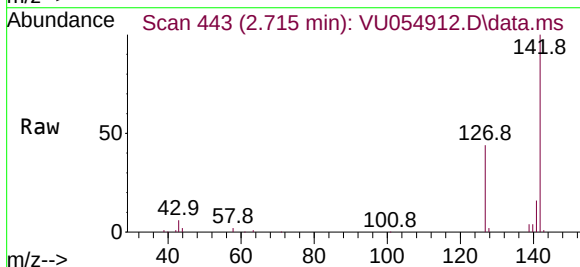
Manual Integrations
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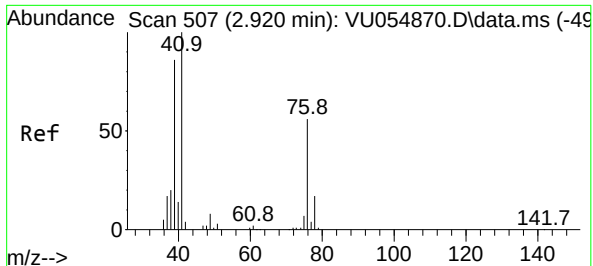
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 10.107 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion:142 Resp: 71965
Ion Ratio Lower Upper
142 100
127 44.5 34.3 51.5





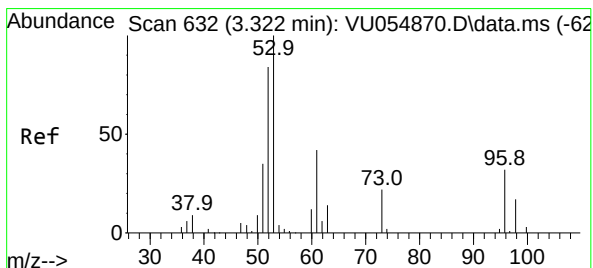
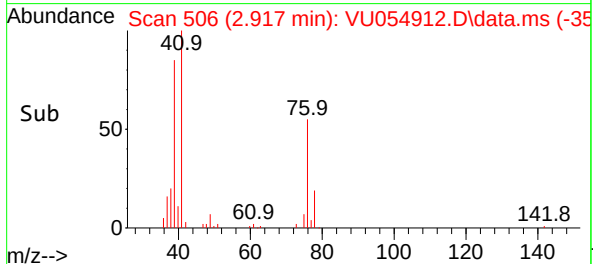
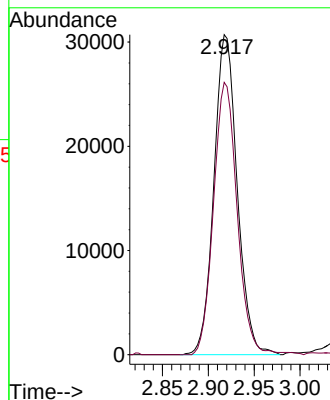
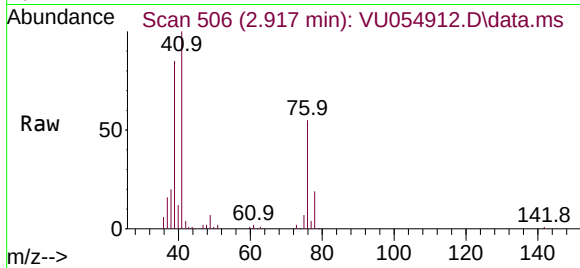
#11
 Allyl Chloride
 Concen: 9.964 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 54310
 Ion Ratio Lower Upper
 41 100
 39 86.0 70.2 105.2

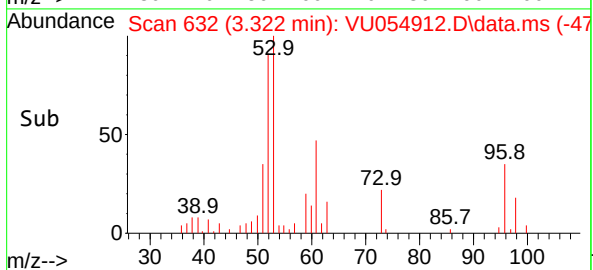
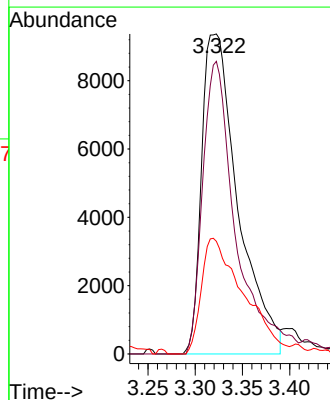
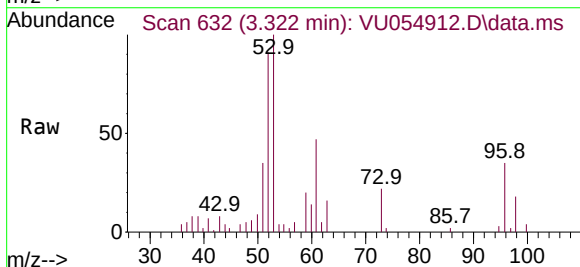
Manual Integrations
 APPROVED

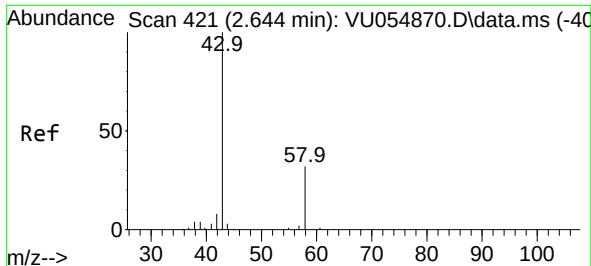
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 21.856 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

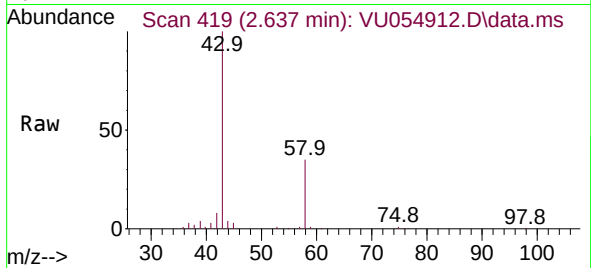
Tgt Ion: 53 Resp: 25018
 Ion Ratio Lower Upper
 53 100
 52 83.4 64.2 96.4
 51 41.8 33.6 50.4





#13
Acetone
Concen: 86.041 ug/l
RT: 2.637 min Scan# 419
Delta R.T. -0.006 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

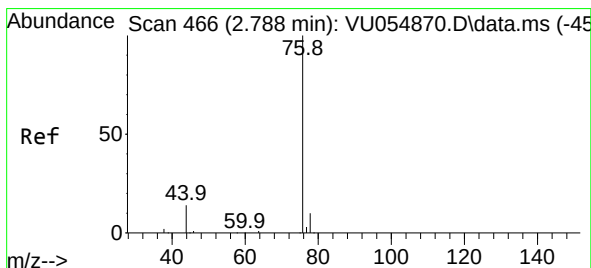
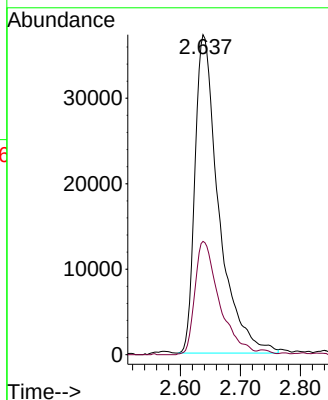
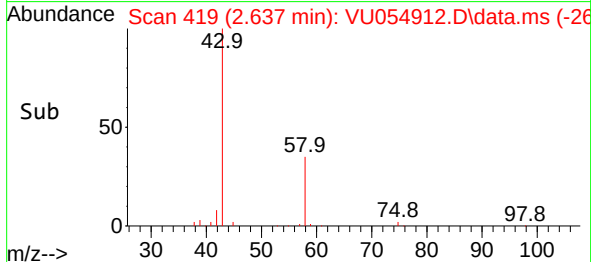
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 10294
Ion Ratio Lower Upper
43 100
58 35.2 30.7 46.1

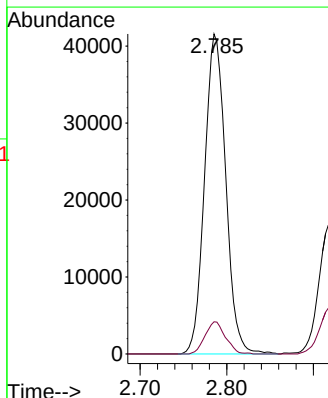
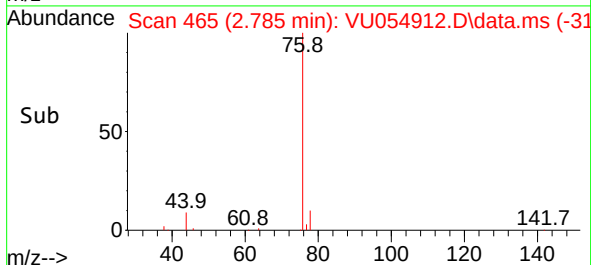
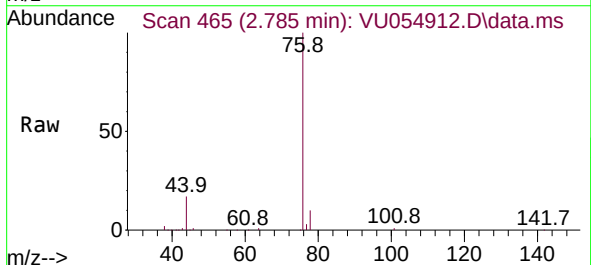
Manual Integrations
APPROVED

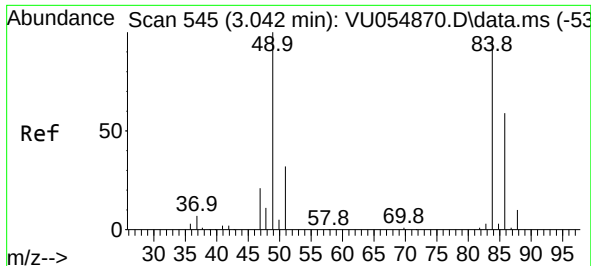
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 8.927 ug/l
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

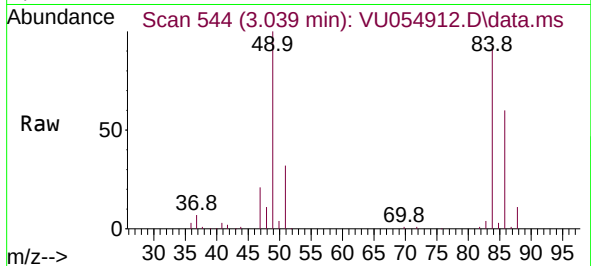
Tgt Ion: 76 Resp: 70544
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7





#15
Methylene Chloride
Concen: 13.892 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

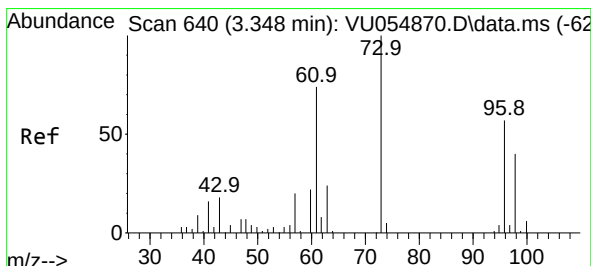
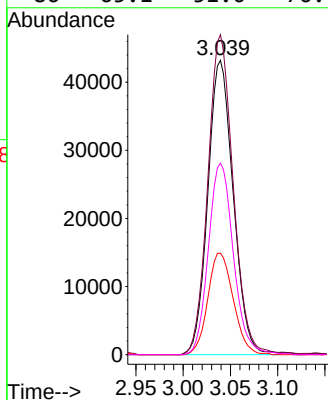
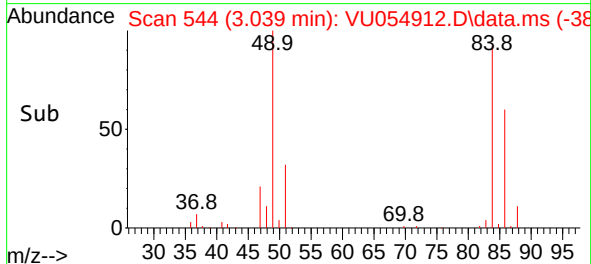
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 80744
Ion Ratio Lower Upper
84 100
49 108.7 87.8 131.6
51 34.5 0.0 68.2
86 65.1 51.0 76.4

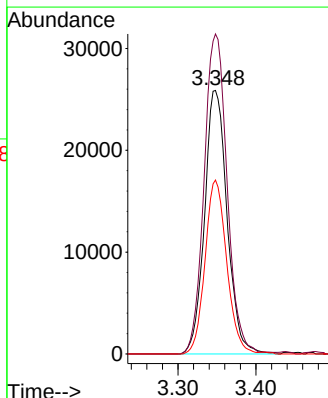
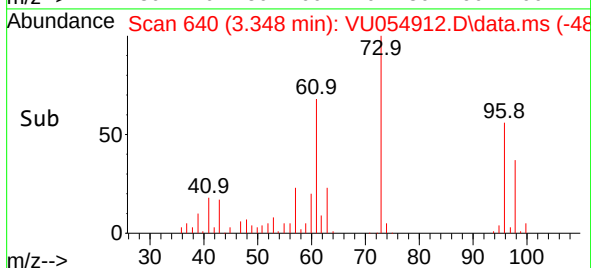
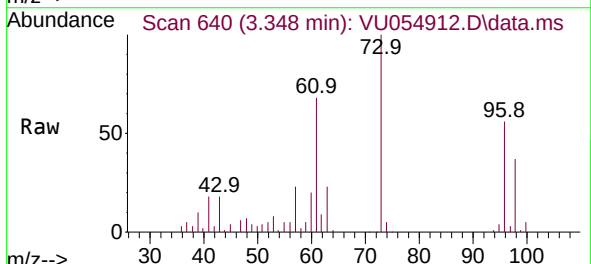
Manual Integrations
APPROVED

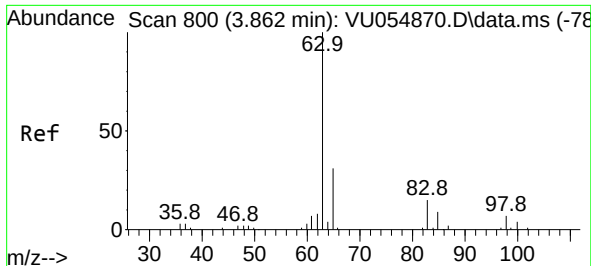
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 10.525 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion: 96 Resp: 52262
Ion Ratio Lower Upper
96 100
61 121.4 96.4 144.6
98 66.0 49.3 73.9





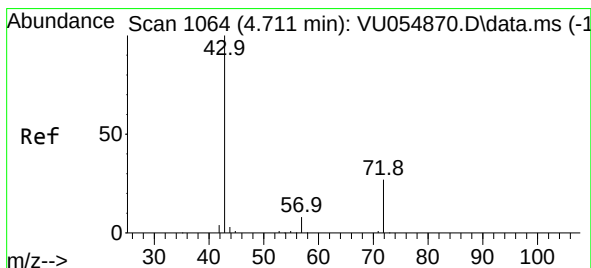
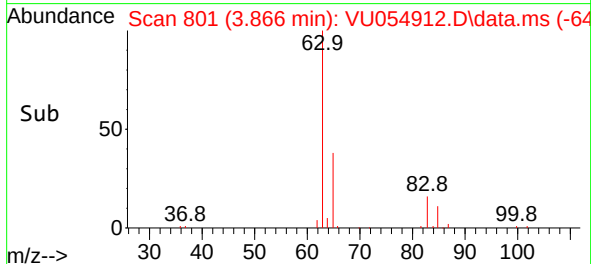
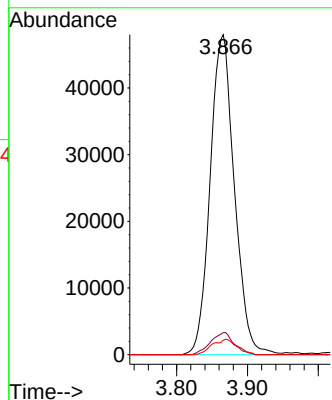
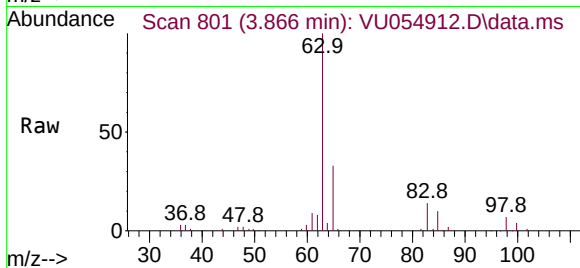
#17
1,1-Dichloroethane
Concen: 10.265 ug/l
RT: 3.866 min Scan# 800
Delta R.T. 0.004 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 113998
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.5 2.8 8.4

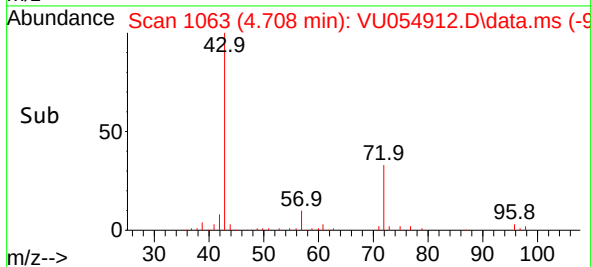
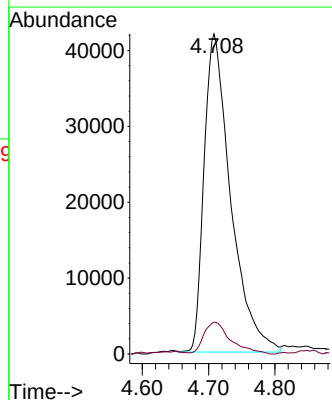
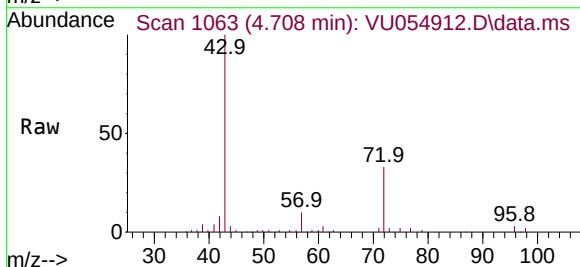
Manual Integrations
APPROVED

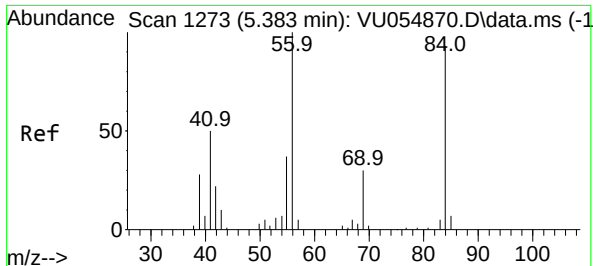
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 77.632 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion: 43 Resp: 117168
Ion Ratio Lower Upper
43 100
57 9.7 0.0 20.8





#19

Cyclohexane

Concen: 11.044 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 69014

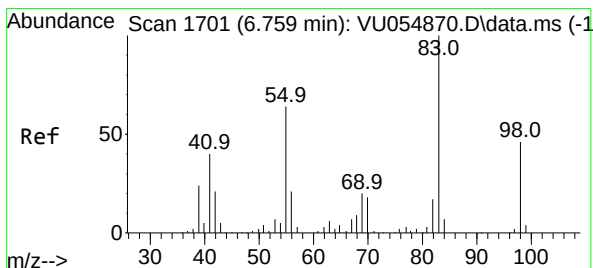
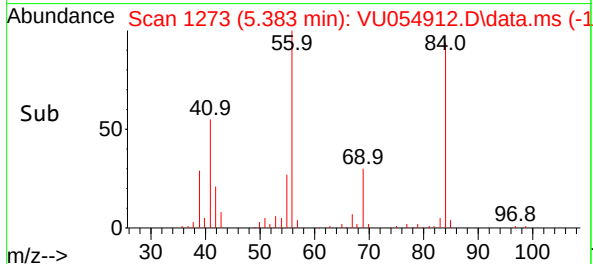
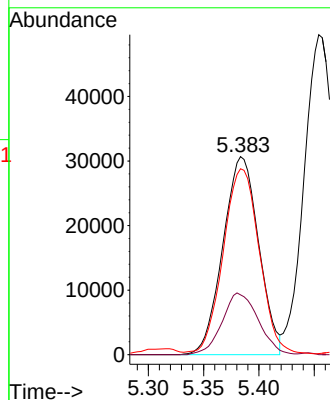
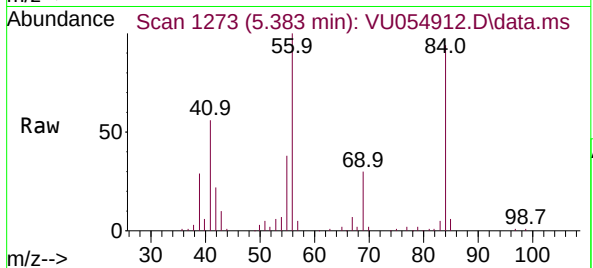
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.7	37.1
84	92.8	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 10.173 ug/l

RT: 6.760 min Scan# 1701

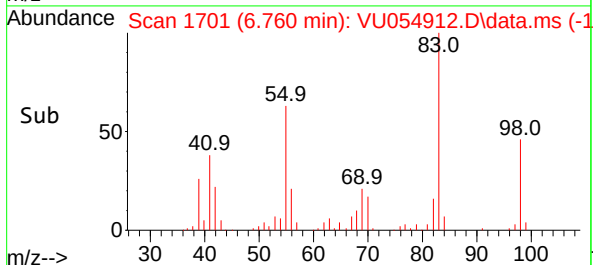
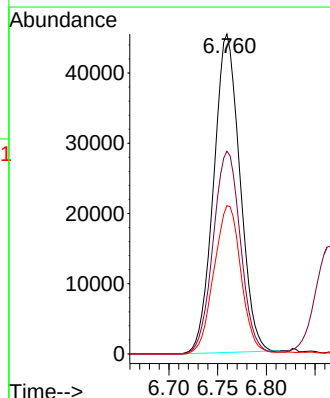
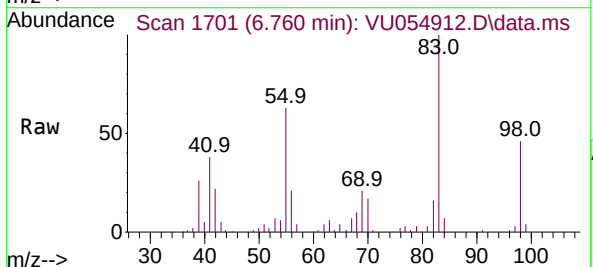
Delta R.T. 0.000 min

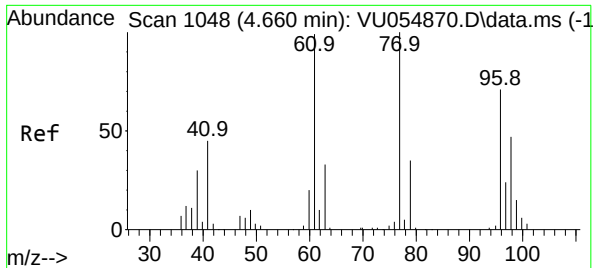
Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Tgt Ion: 83 Resp: 85006

Ion	Ratio	Lower	Upper
83	100		
55	65.7	51.6	77.4
98	47.3	38.2	57.2





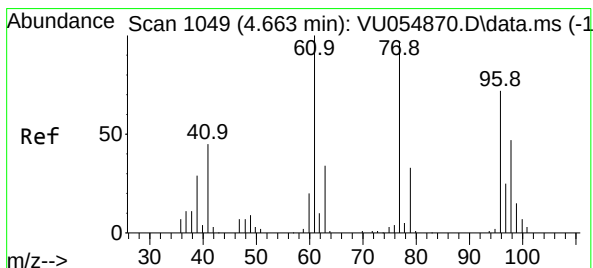
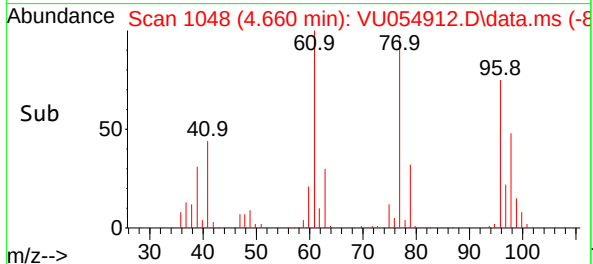
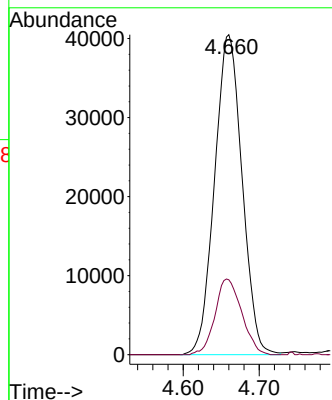
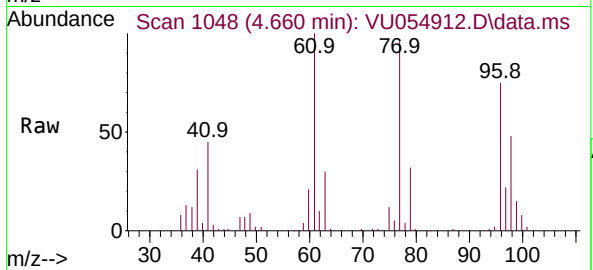
#21
2,2-Dichloropropane
Concen: 9.878 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 10168
Ion Ratio Lower Upper
77 100
97 22.9 18.0 27.0

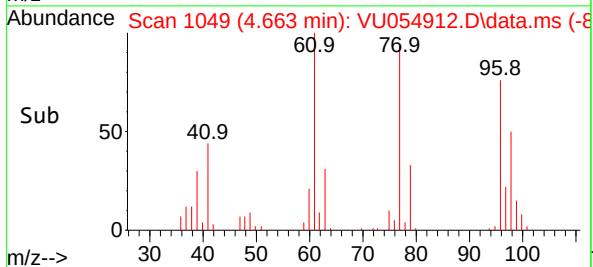
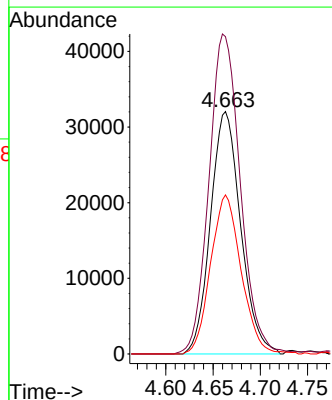
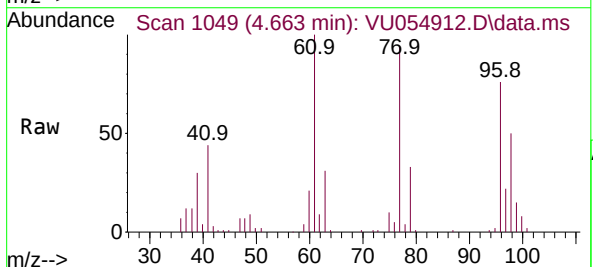
Manual Integrations
APPROVED

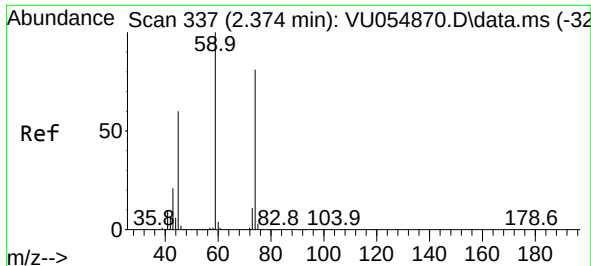
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 10.790 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

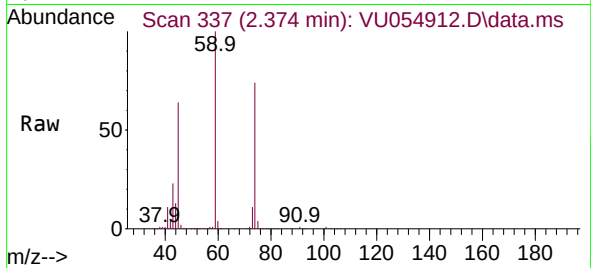
Tgt Ion: 96 Resp: 71200
Ion Ratio Lower Upper
96 100
61 137.3 0.0 332.0
98 66.3 32.5 97.5





#23
Diethyl Ether
Concen: 10.797 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

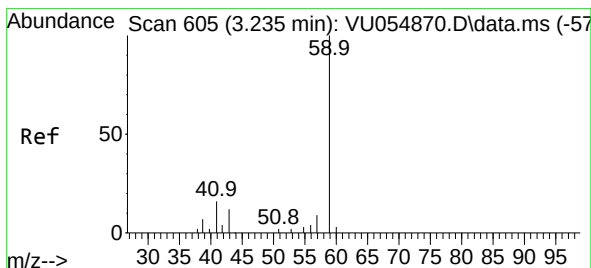
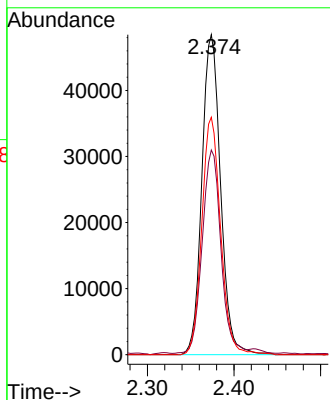
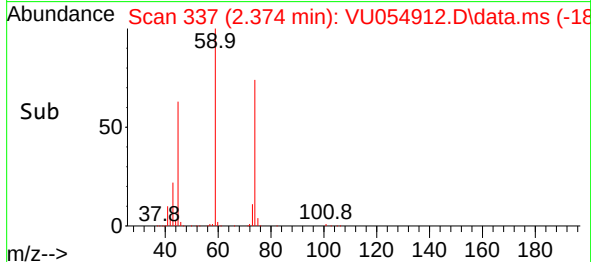
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 72654
Ion Ratio Lower Upper
59 100
45 63.3 51.4 77.0
74 74.6 63.1 94.7

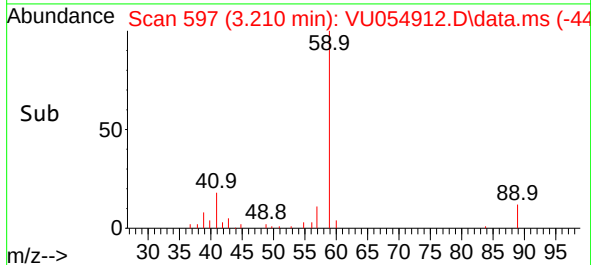
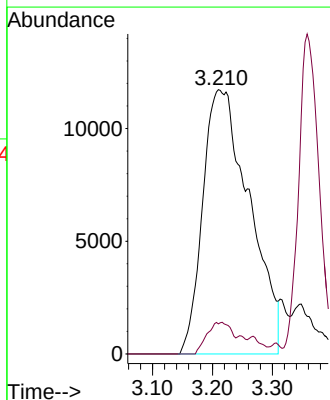
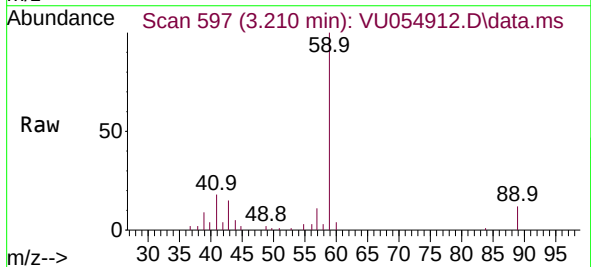
Manual Integrations
APPROVED

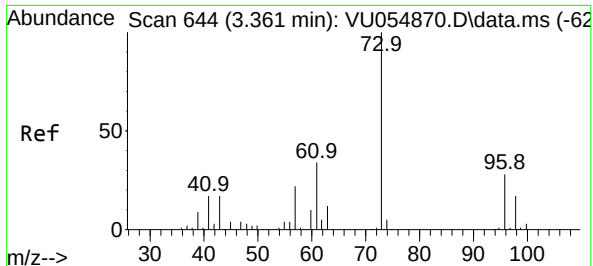
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 101.014 ug/l
RT: 3.210 min Scan# 597
Delta R.T. -0.025 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

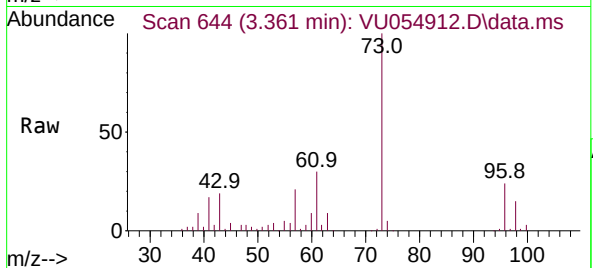
Tgt Ion: 59 Resp: 63237
Ion Ratio Lower Upper
59 100
57 3.1 2.2 3.2





#25
Methyl tert-Butyl Ether
Concen: 11.161 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

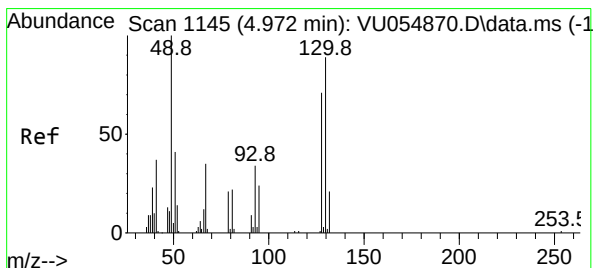
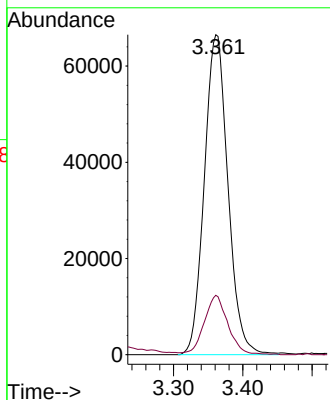
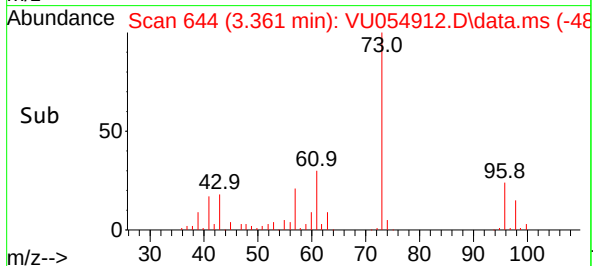
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 15752
Ion Ratio Lower Upper
73 100
43 18.1 14.6 22.0

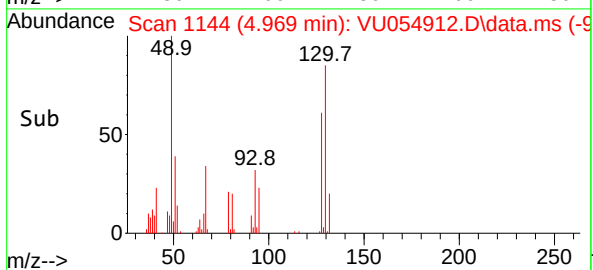
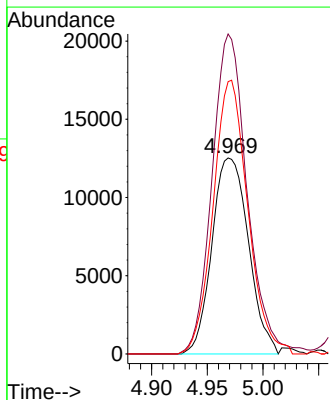
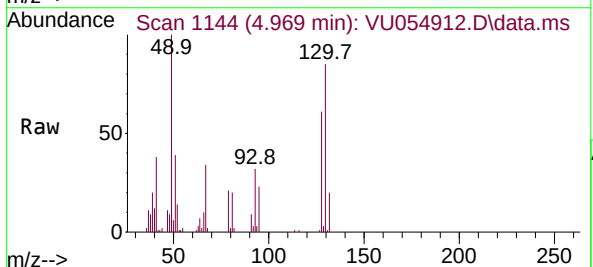
Manual Integrations
APPROVED

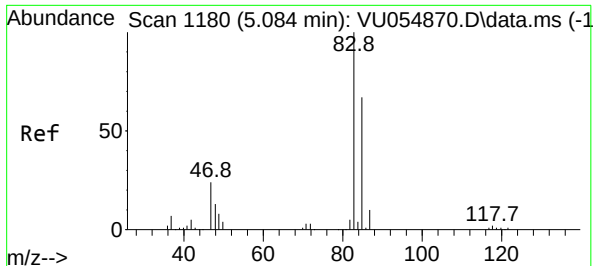
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 10.556 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion:128 Resp: 28567
Ion Ratio Lower Upper
128 100
49 157.4 0.0 304.0
130 133.0 104.3 156.5





#27

Chloroform

Concen: 10.869 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 12963

Ion Ratio Lower Upper

83 100

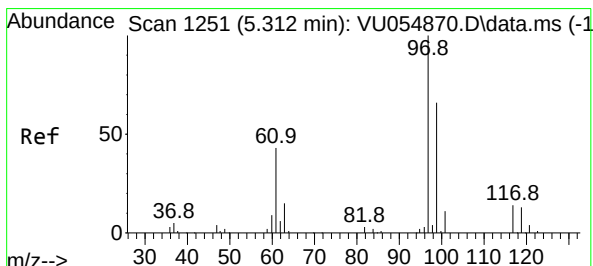
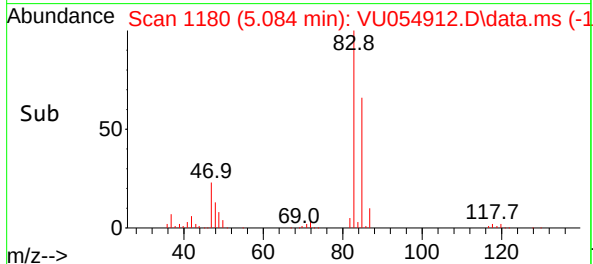
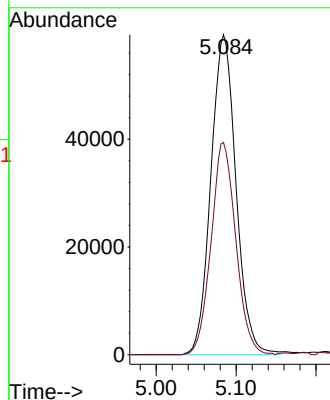
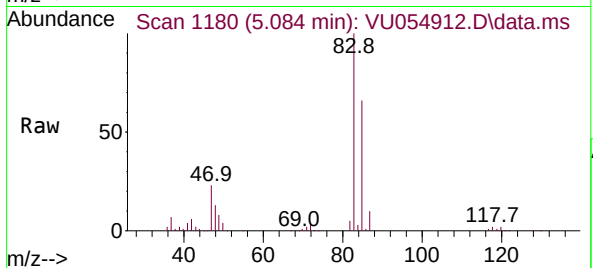
85 66.3 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 10.373 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

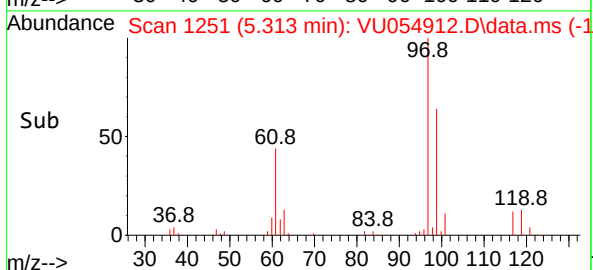
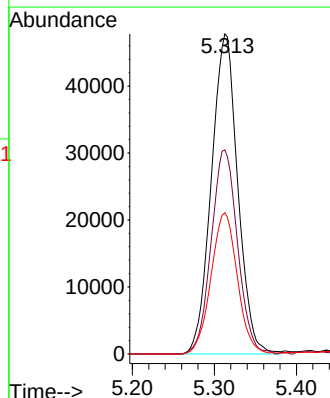
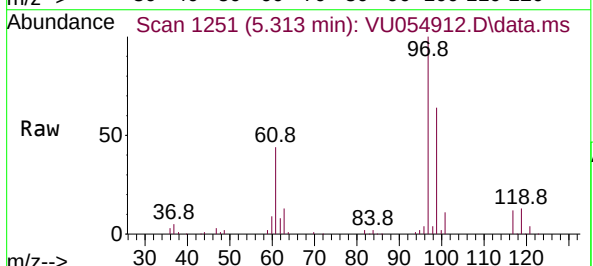
Tgt Ion: 97 Resp: 106849

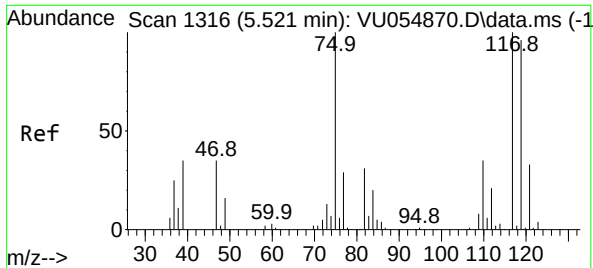
Ion Ratio Lower Upper

97 100

99 63.7 32.0 96.2

61 44.1 21.0 63.0





#29

1,1-Dichloropropene

Concen: 10.133 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.003 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 7700

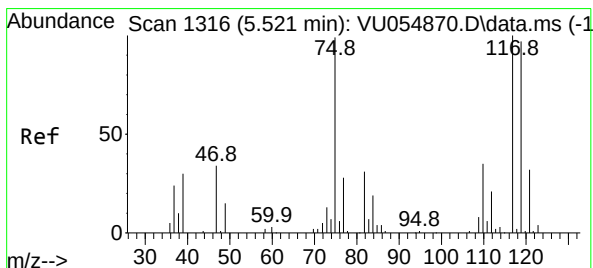
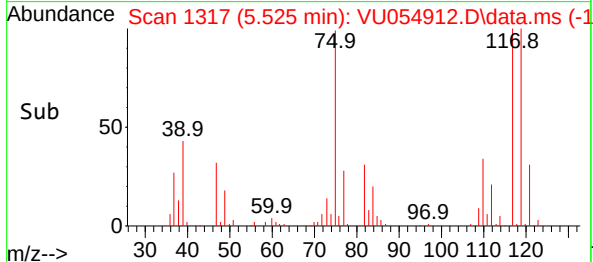
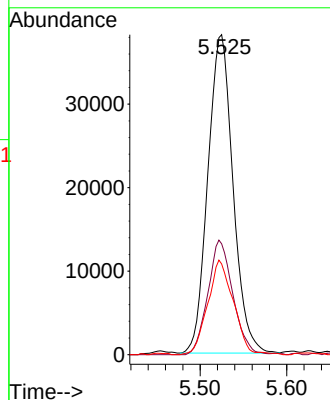
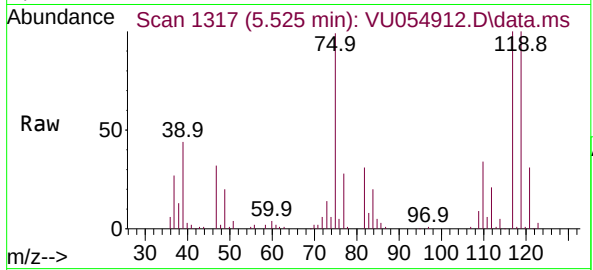
Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.5	55.5
77	30.4	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 10.347 ug/l

RT: 5.522 min Scan# 1316

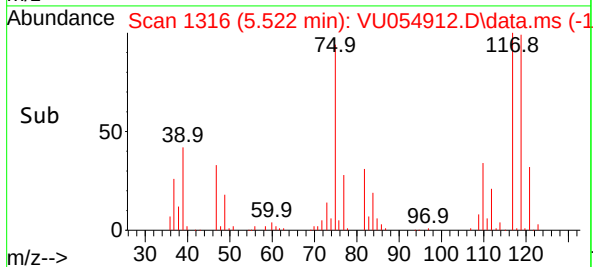
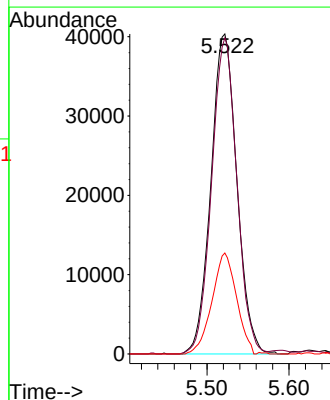
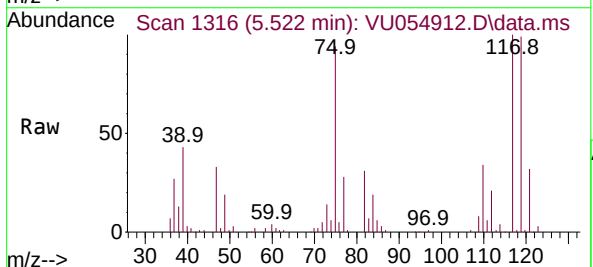
Delta R.T. 0.000 min

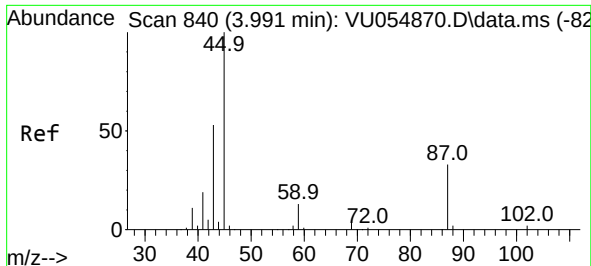
Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Tgt Ion:117 Resp: 88969

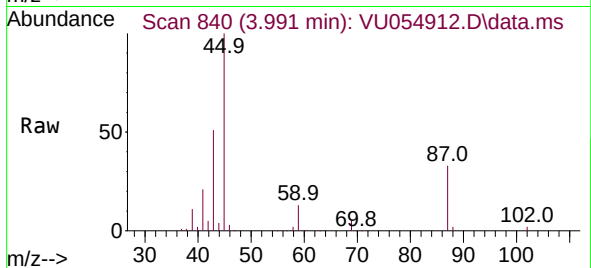
Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.6	113.4
121	31.8	23.4	35.0





#31
Isopropyl Ether
Concen: 10.653 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

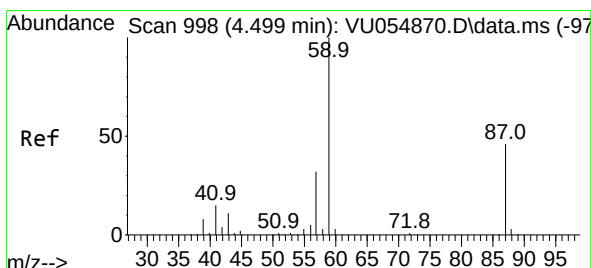
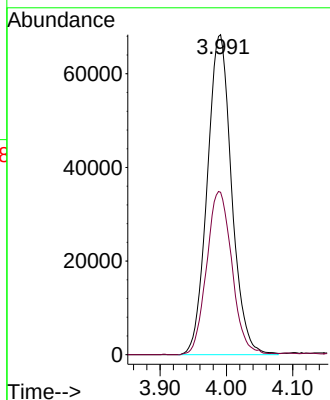
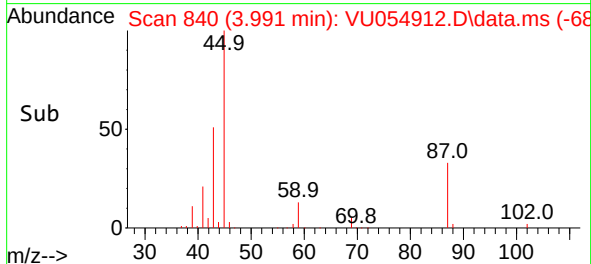
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



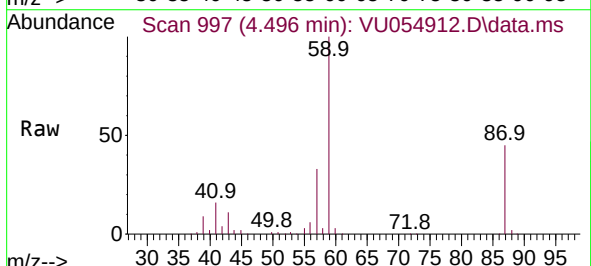
Tgt Ion: 45 Resp: 174629
Ion Ratio Lower Upper
45 100
43 53.0 26.4 79.2

Manual Integrations
APPROVED

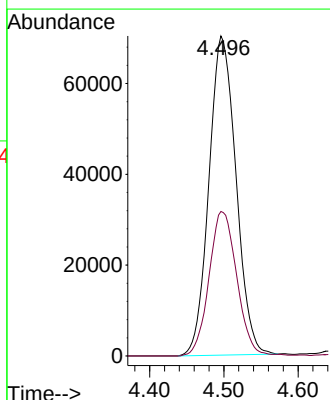
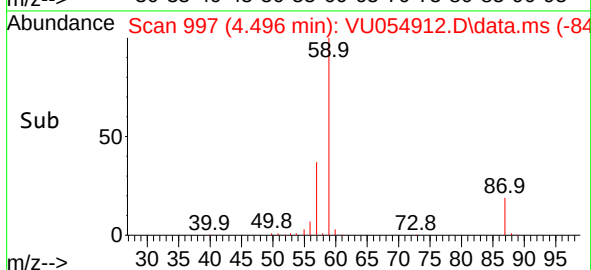
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

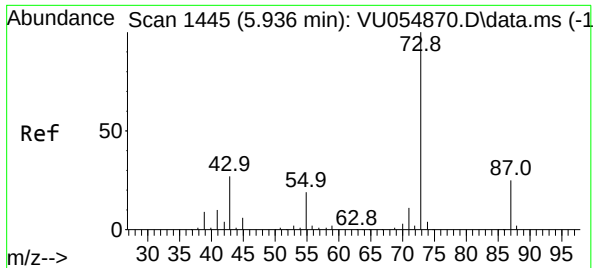


#32
Ethyl-t-butyl ether
Concen: 10.531 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



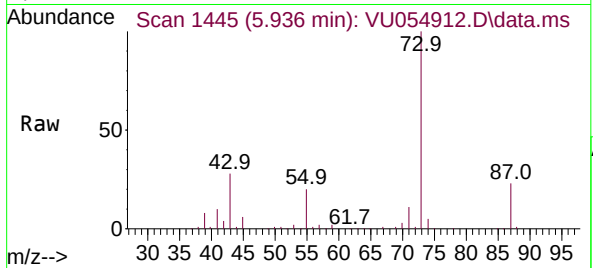
Tgt Ion: 59 Resp: 177746
Ion Ratio Lower Upper
59 100
87 46.2 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 10.918 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

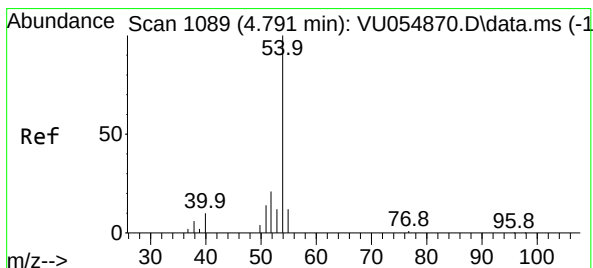
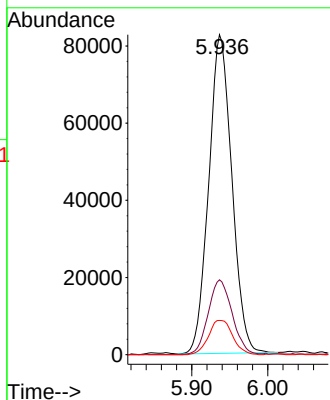
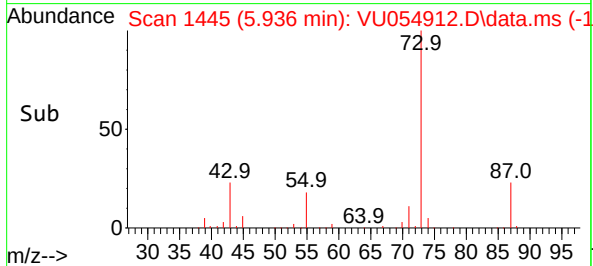
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 17423
Ion Ratio Lower Upper
73 100
87 23.9 19.6 29.4
71 11.3 9.1 13.7

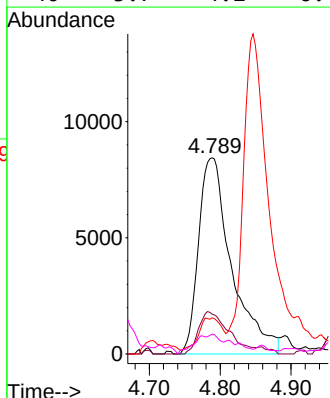
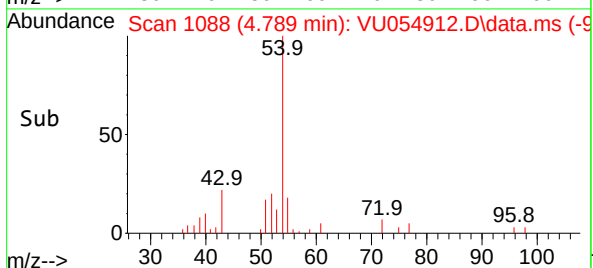
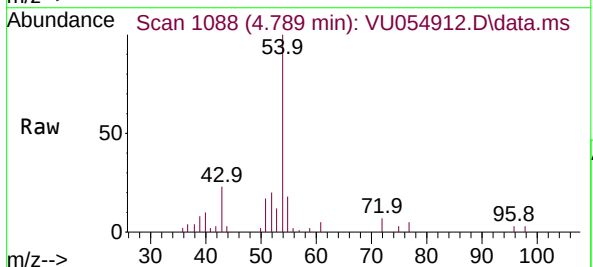
Manual Integrations
APPROVED

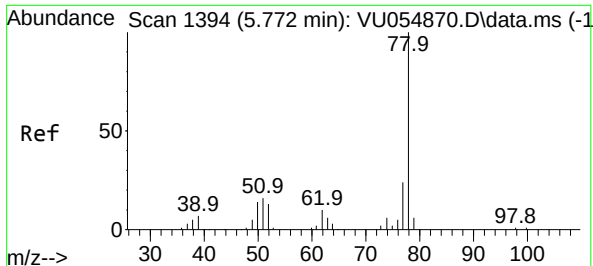
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 65.931 ug/l
RT: 4.789 min Scan# 1088
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion: 54 Resp: 27434
Ion Ratio Lower Upper
54 100
52 19.7 13.8 20.8
55 5.6 4.8 7.2
40 3.7 4.2 6.4





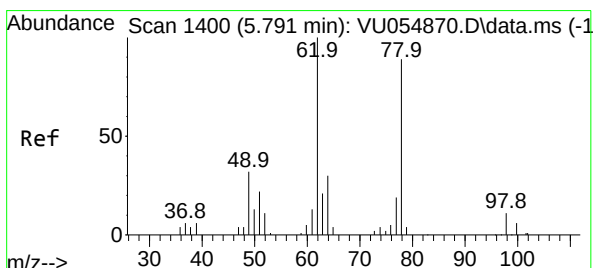
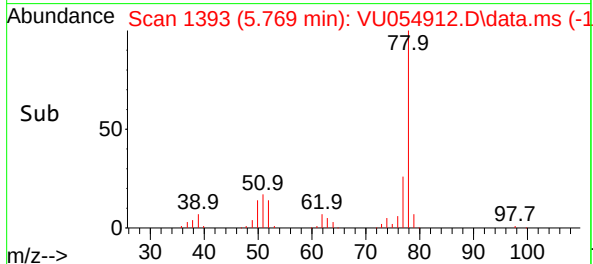
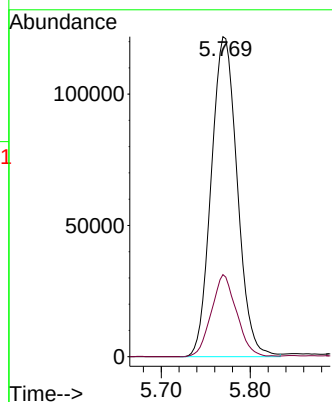
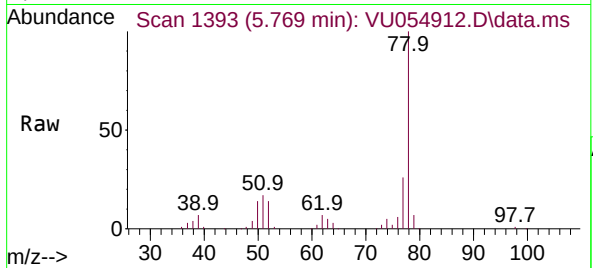
#35
Benzene
Concen: 10.402 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 247504
Ion Ratio Lower Upper
78 100
77 25.7 19.4 29.2

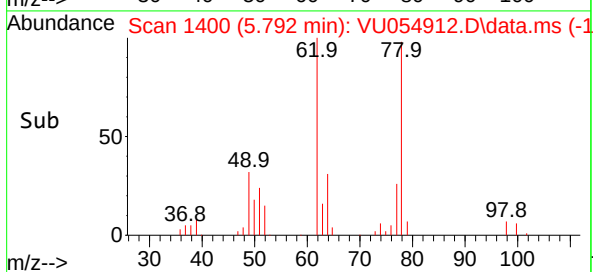
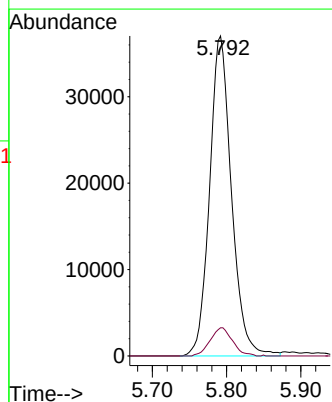
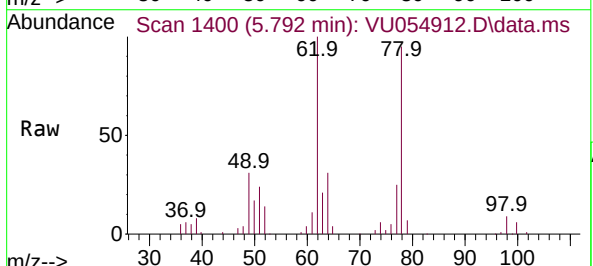
Manual Integrations
APPROVED

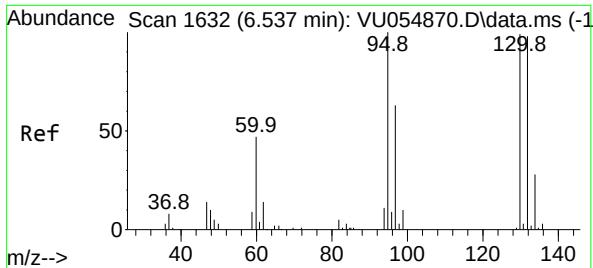
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 11.199 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

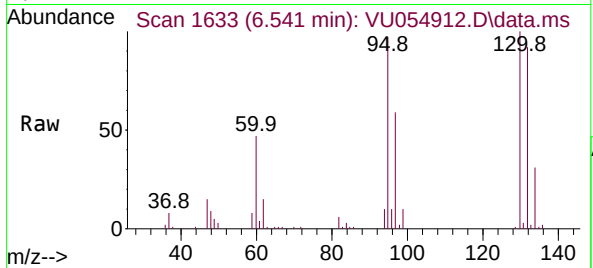
Tgt Ion: 62 Resp: 75806
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.8





#37
Trichloroethene
Concen: 10.795 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.004 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

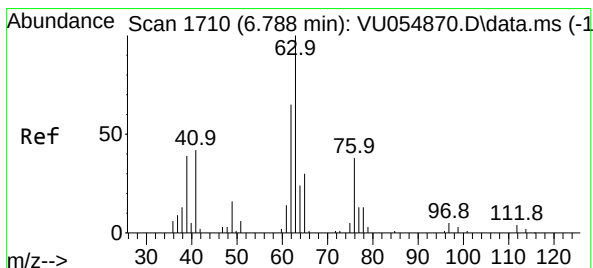
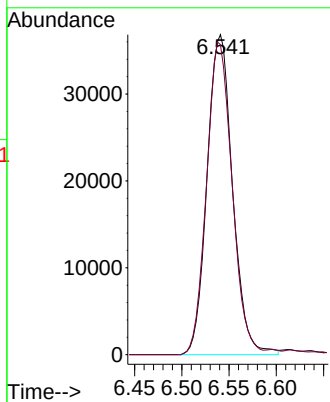
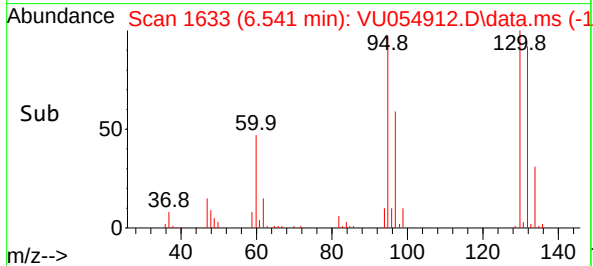
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



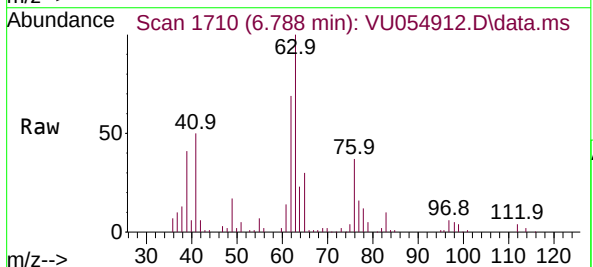
Tgt Ion:130 Resp: 69084
Ion Ratio Lower Upper
130 100
95 96.9 76.8 115.2

Manual Integrations
APPROVED

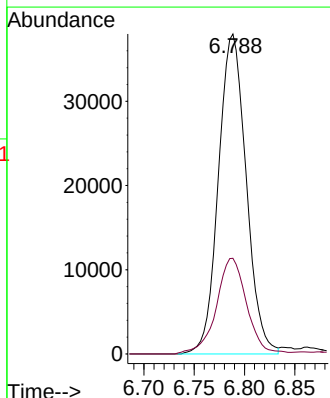
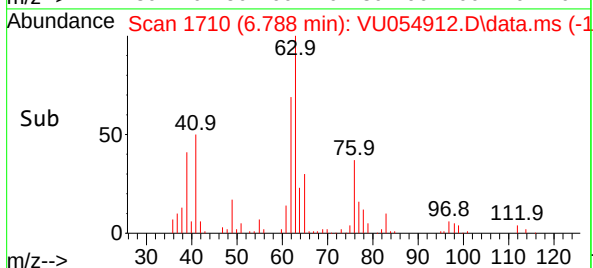
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

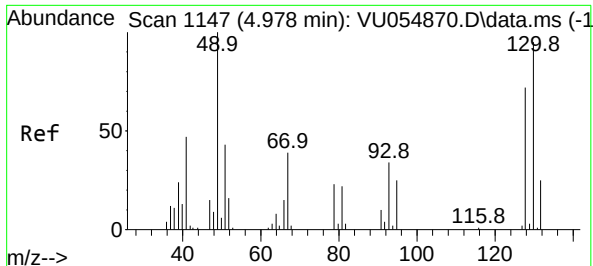


#38
1,2-Dichloropropane
Concen: 10.842 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



Tgt Ion: 63 Resp: 72930
Ion Ratio Lower Upper
63 100
65 29.6 24.3 36.5





#39

Methacrylonitrile

Concen: 11.239 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 18749

Ion Ratio Lower Upper

41 100

67 93.9 77.0 115.4

39 56.9 50.4 75.6

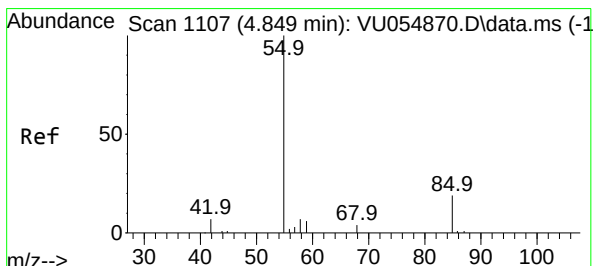
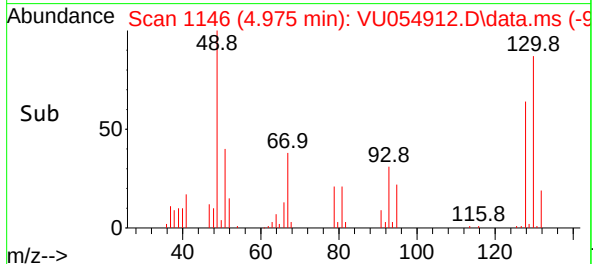
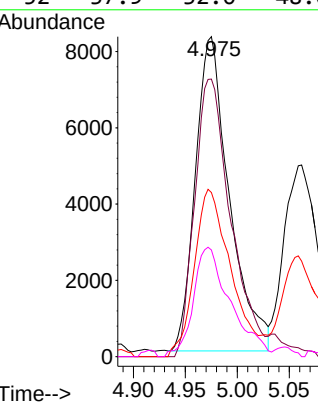
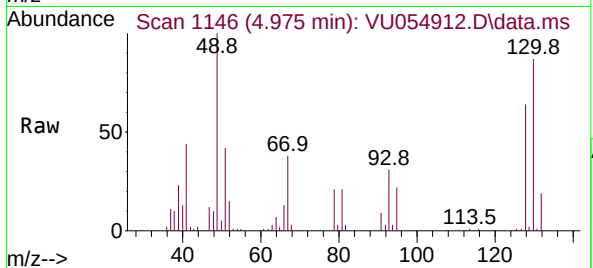
52 37.9 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 11.708 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Tgt Ion: 55 Resp: 31054

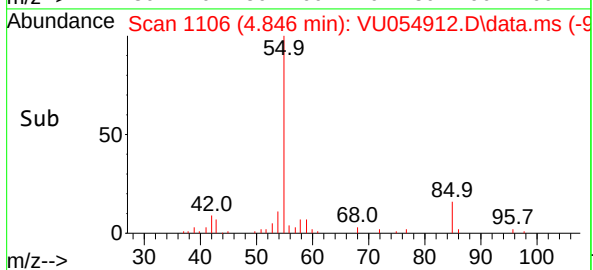
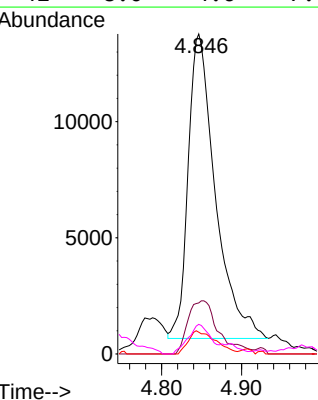
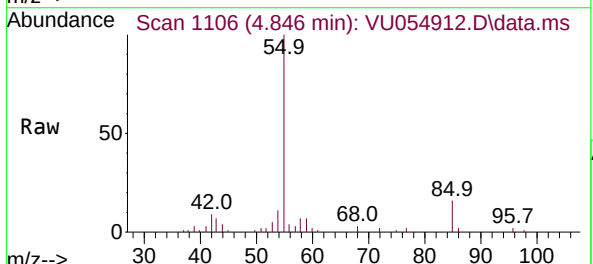
Ion Ratio Lower Upper

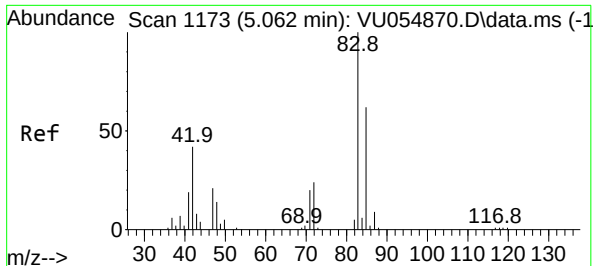
55 100

85 19.5 13.0 19.6

58 7.6 5.7 8.5

42 8.0 4.6 7.0#





#41

Tetrahydrofuran

Concen: 21.231 ug/l

RT: 5.055 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

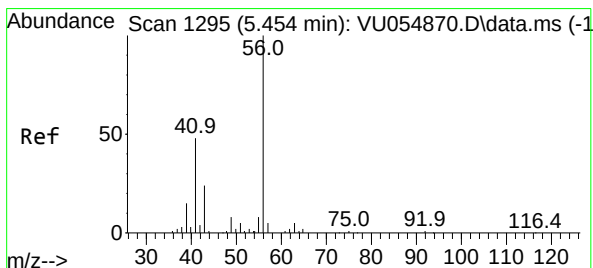
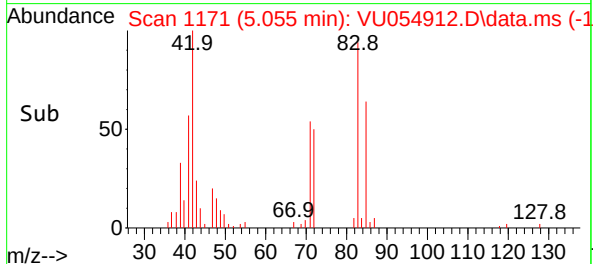
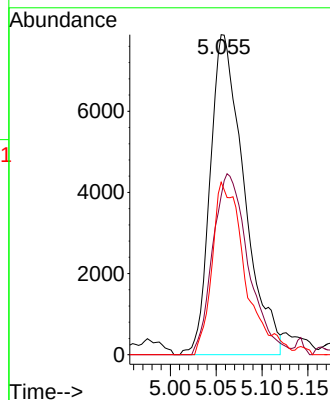
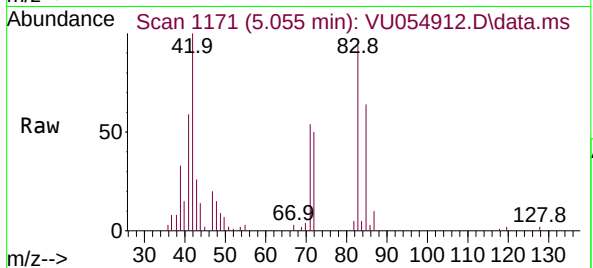
Tgt Ion:	42	Resp:	2025
Ion Ratio	Lower	Upper	
42	100		
72	59.6	42.1	63.1
71	52.3	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 9.914 ug/l

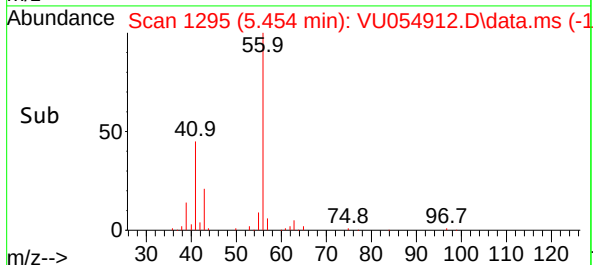
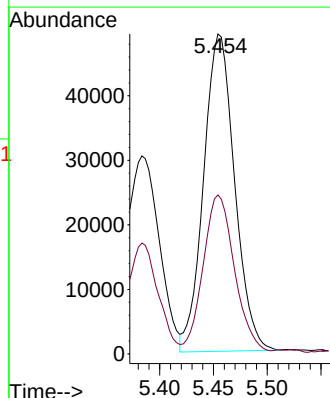
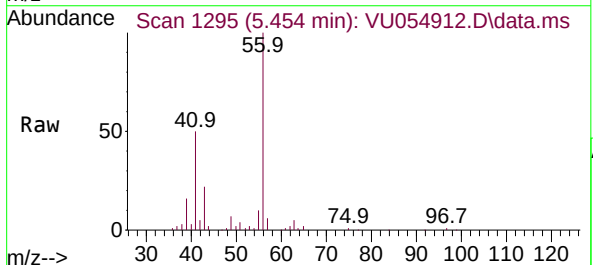
RT: 5.454 min Scan# 1295

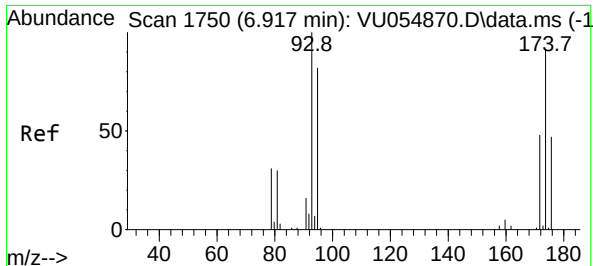
Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Tgt Ion:	56	Resp:	98640
Ion Ratio	Lower	Upper	
56	100		
41	49.6	23.9	71.7





#43

Dibromomethane

Concen: 11.651 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 3681

Ion Ratio Lower Upper

93 100

95 80.0 64.7 97.1

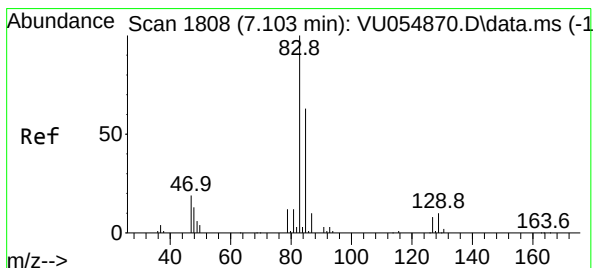
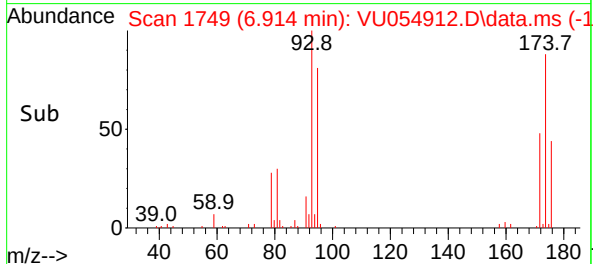
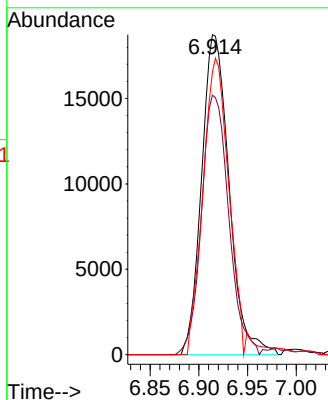
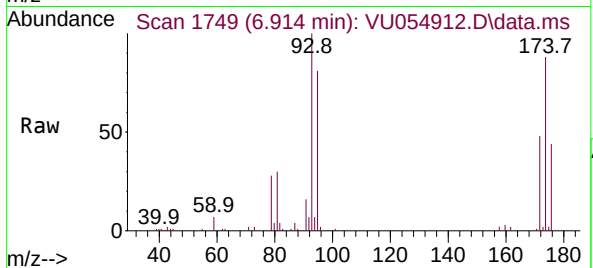
174 87.3 74.4 111.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#44

Bromodichloromethane

Concen: 11.034 ug/l

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

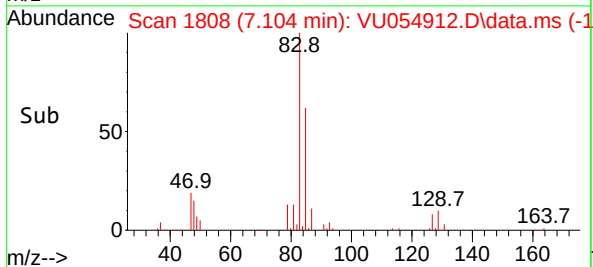
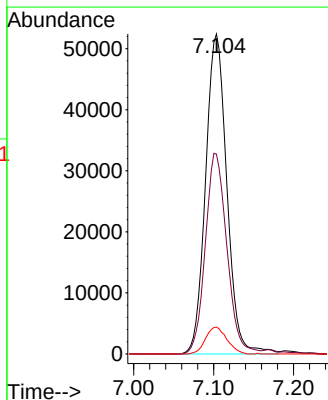
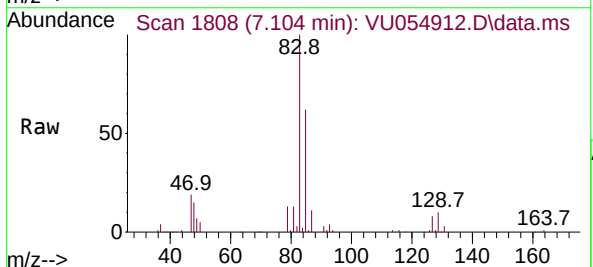
Tgt Ion: 83 Resp: 97126

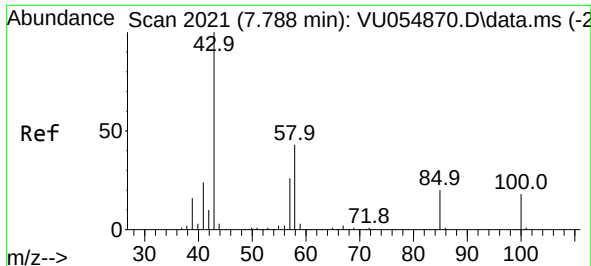
Ion Ratio Lower Upper

83 100

85 62.4 52.2 78.2

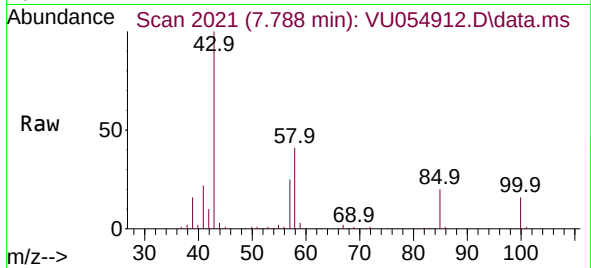
127 8.4 6.1 9.1





#45
4-Methyl-2-Pentanone
Concen: 62.135 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

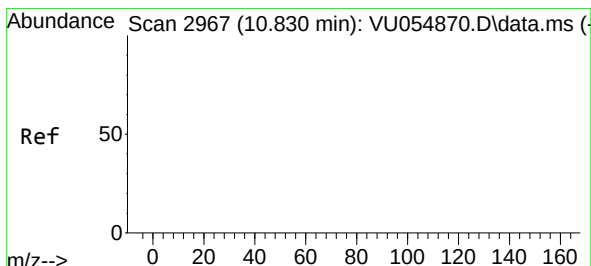
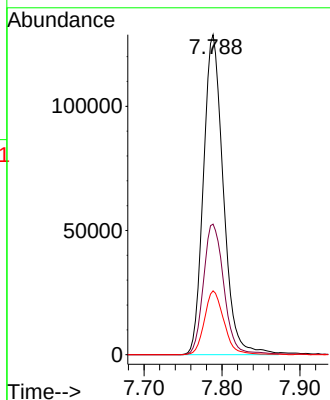
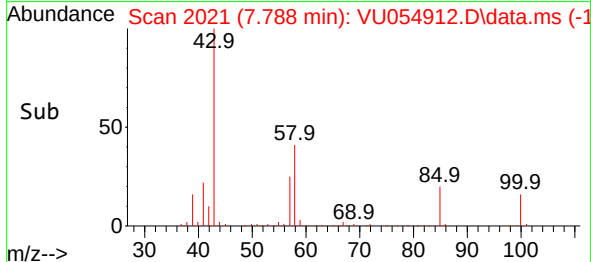
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 22906
Ion Ratio Lower Upper
43 100
58 42.2 21.3 63.7
85 19.6 15.3 22.9

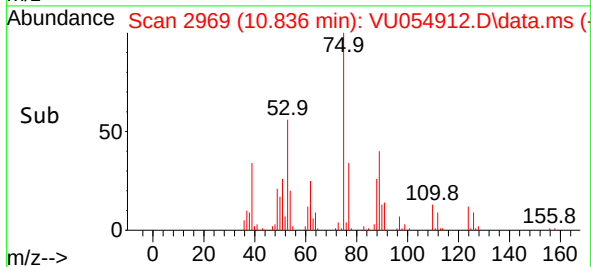
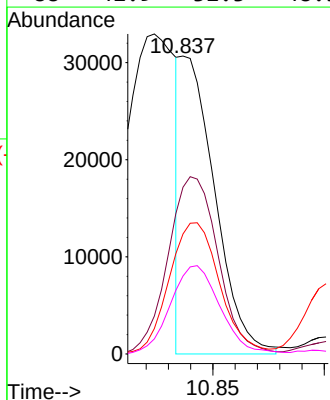
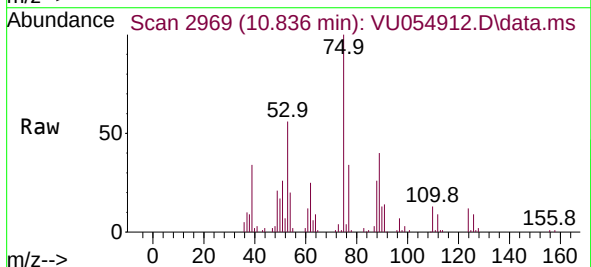
Manual Integrations
APPROVED

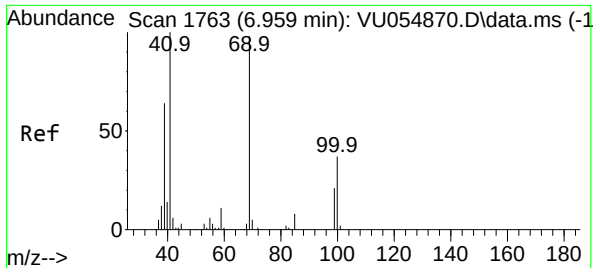
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 22.244 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.007 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion: 75 Resp: 32995
Ion Ratio Lower Upper
75 100
53 86.9 62.9 94.3
89 65.0 47.8 71.8
88 42.9 32.3 48.5





#47

Methyl methacrylate

Concen: 23.969 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 69234

Ion Ratio Lower Upper

69 100

41 95.7 0.0 193.0

39 66.1 50.4 75.6

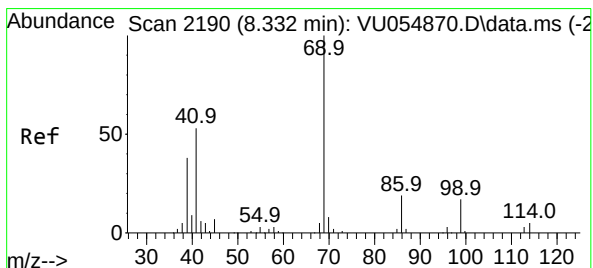
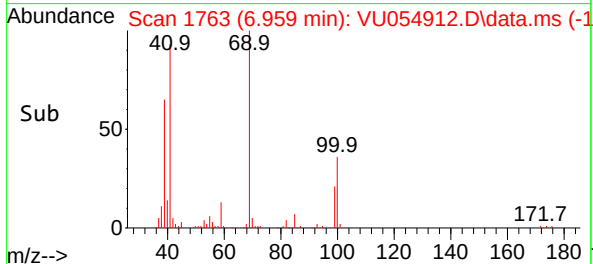
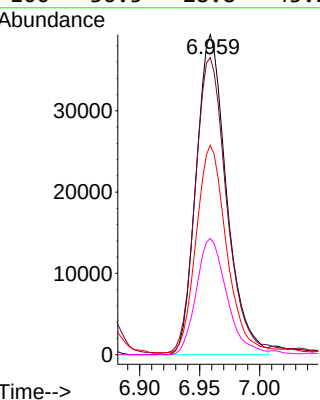
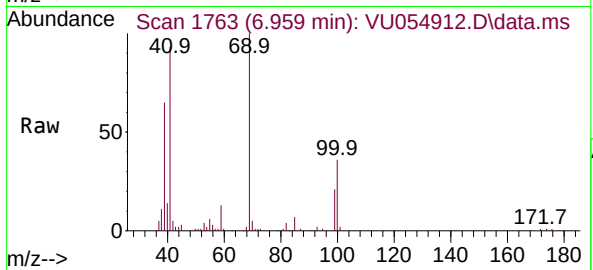
100 36.5 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 11.977 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054912.D

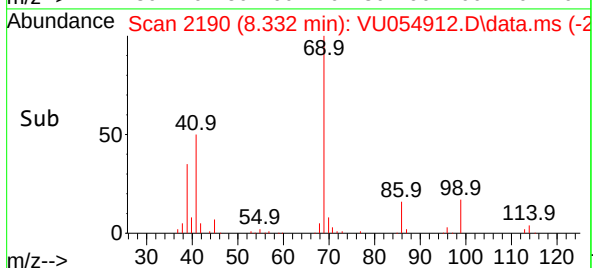
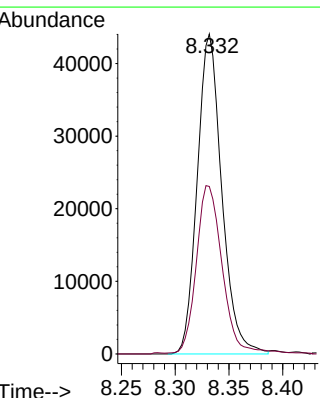
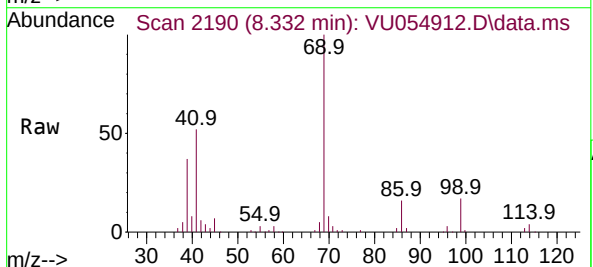
Acq: 28 Jul 2023 16:10

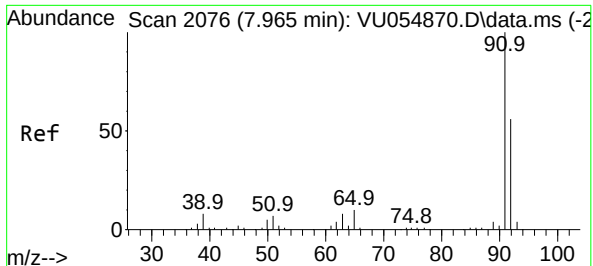
Tgt Ion: 69 Resp: 69971

Ion Ratio Lower Upper

69 100

41 56.1 28.8 86.5





#49

Toluene

Concen: 10.909 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054912.D

Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 16535

Ion Ratio Lower Upper

92 100

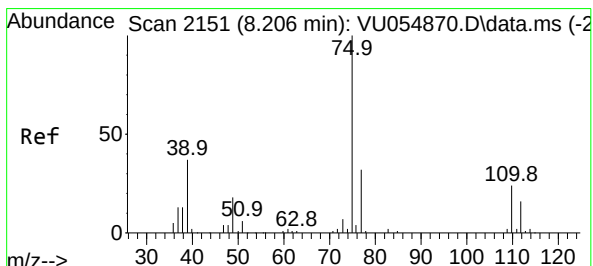
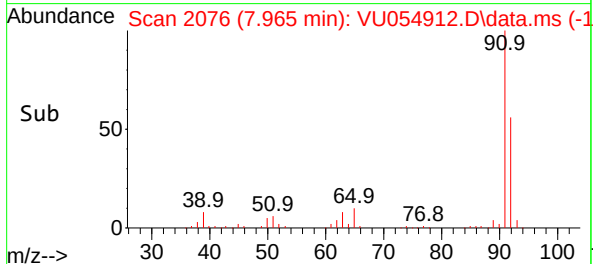
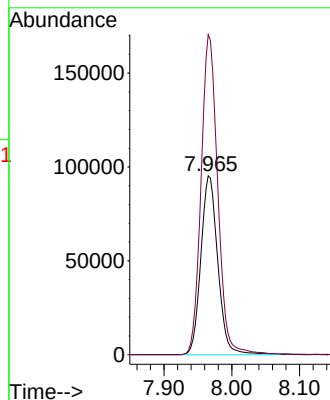
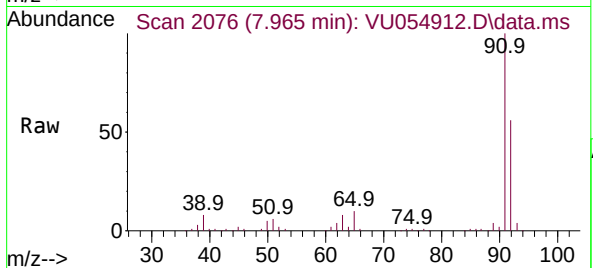
91 176.6 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 11.151 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054912.D

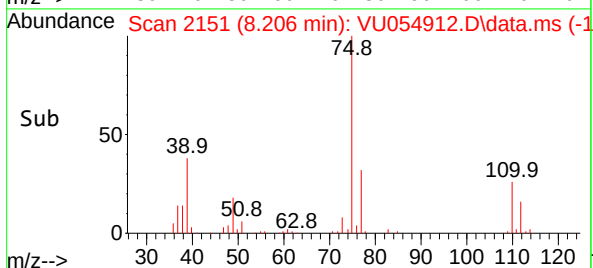
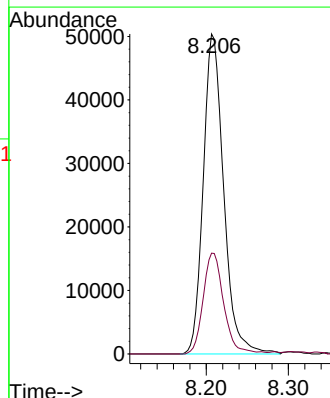
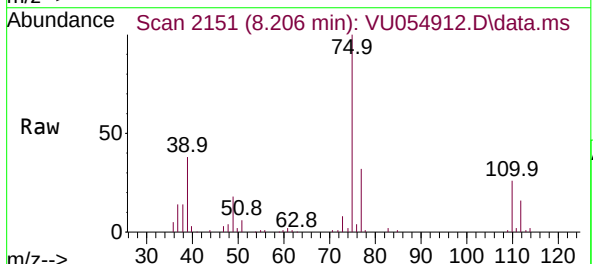
Acq: 28 Jul 2023 16:10

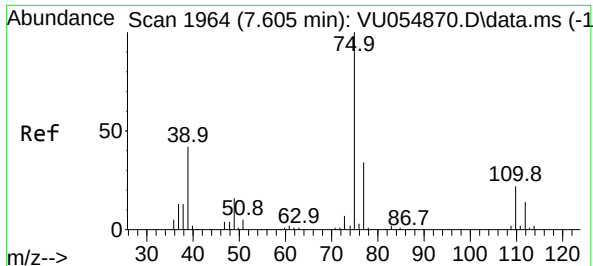
Tgt Ion: 75 Resp: 87150

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 10.446 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

Instrument :

MSVOA_U

ClientSampleId :

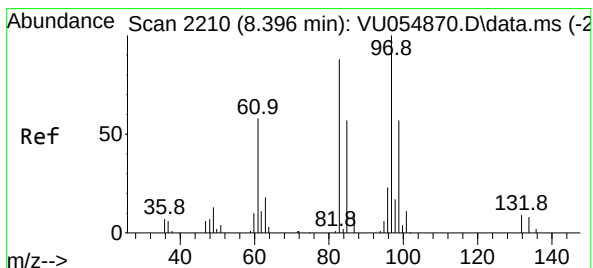
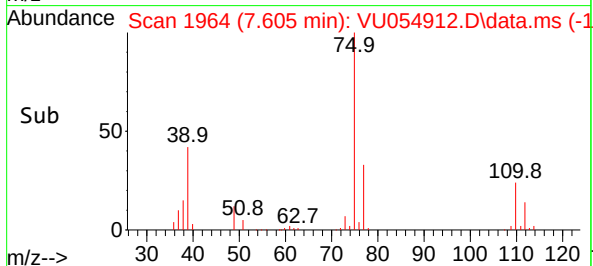
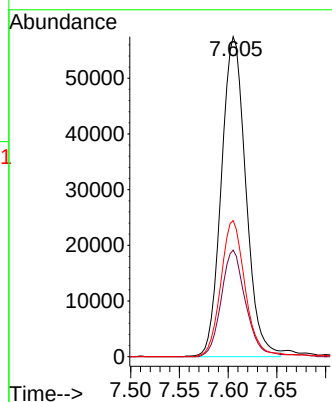
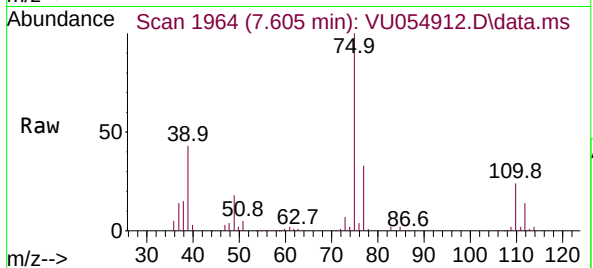
VSTDCCC010EC

Tgt Ion: 75 Resp: 100350
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.8
 39 42.6 31.7 47.5

Manual Integrations

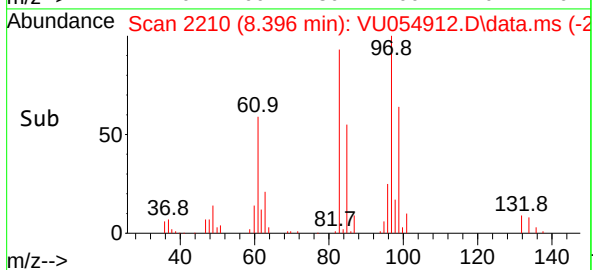
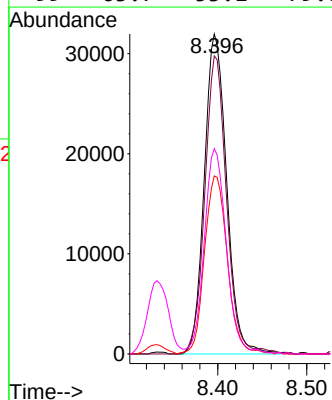
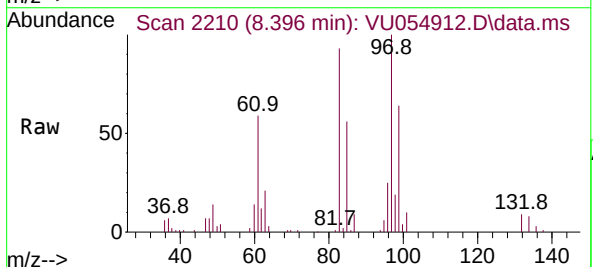
APPROVED

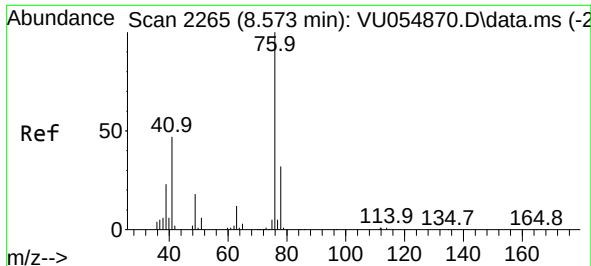
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 11.102 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

Tgt Ion: 97 Resp: 55609
 Ion Ratio Lower Upper
 97 100
 83 93.1 77.4 116.2
 85 55.3 47.8 71.8
 99 63.7 53.1 79.7





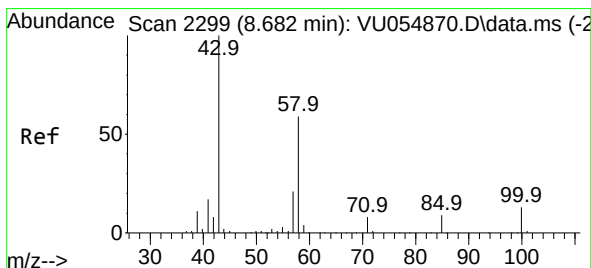
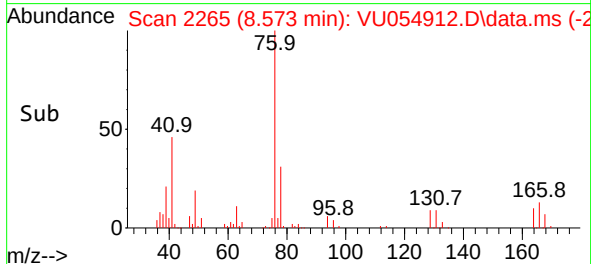
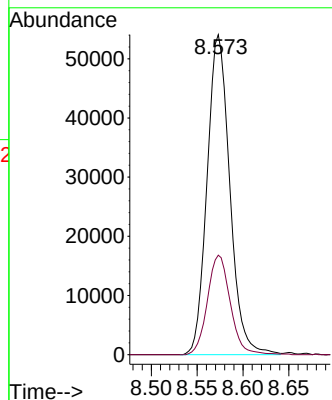
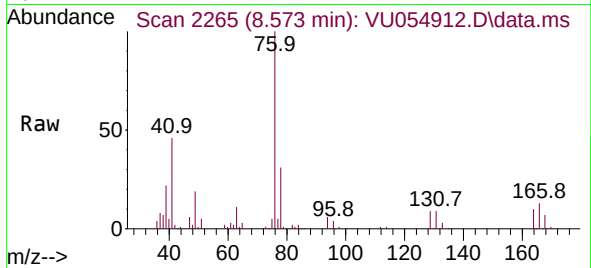
#53
1,3-Dichloropropane
Concen: 11.497 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 93154
Ion Ratio Lower Upper
76 100
78 31.3 24.6 36.8

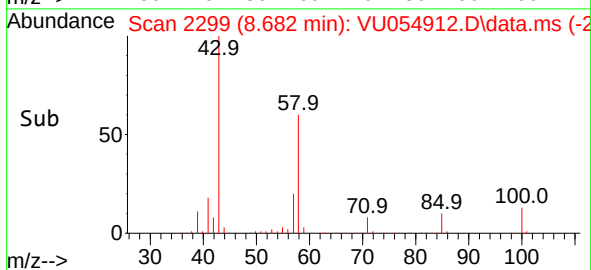
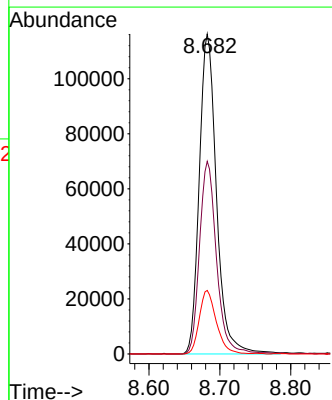
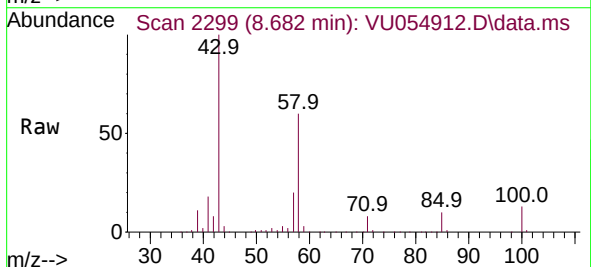
Manual Integrations
APPROVED

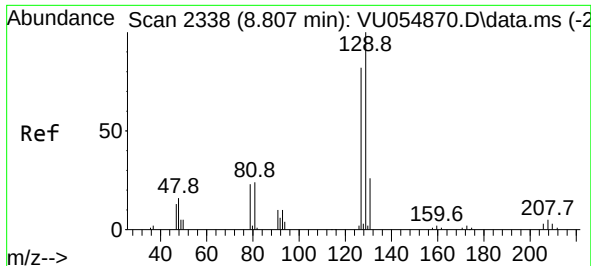
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
2-Hexanone
Concen: 74.963 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion: 43 Resp: 196373
Ion Ratio Lower Upper
43 100
58 59.1 38.9 78.9
57 19.6 0.0 38.7





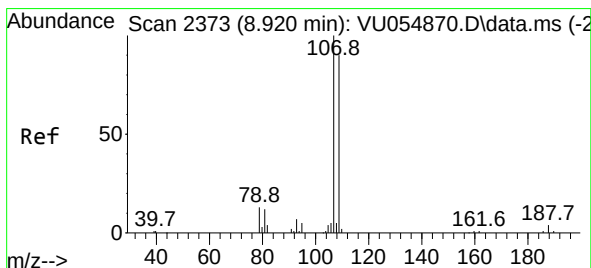
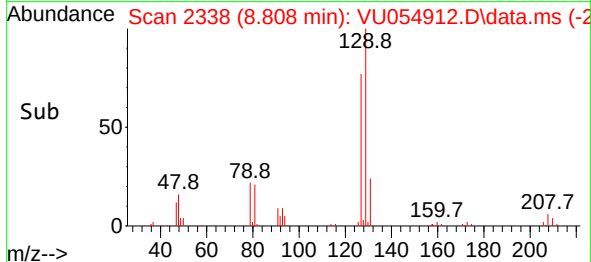
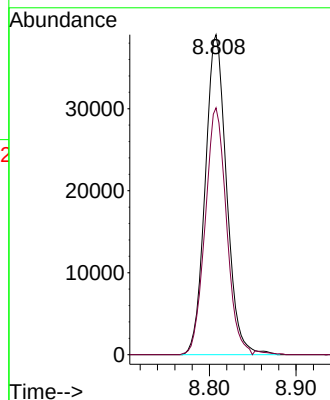
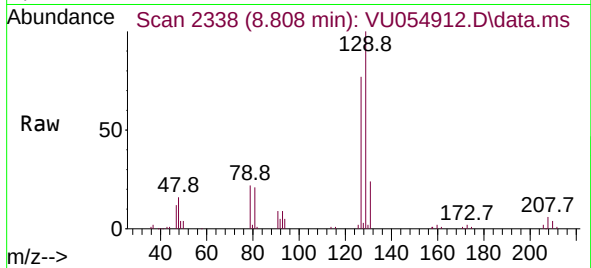
#55
Dibromochloromethane
Concen: 11.630 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 66740
Ion Ratio Lower Upper
129 100
127 76.9 61.4 92.0

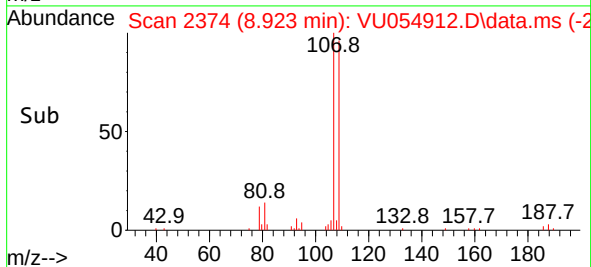
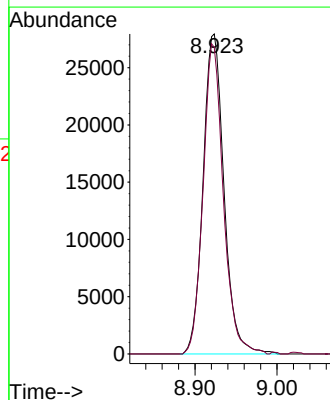
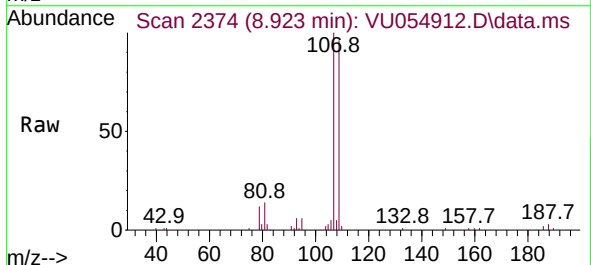
Manual Integrations
APPROVED

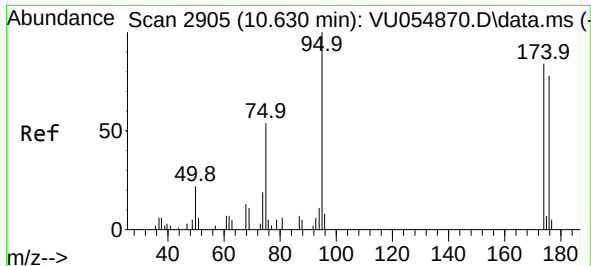
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 11.659 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

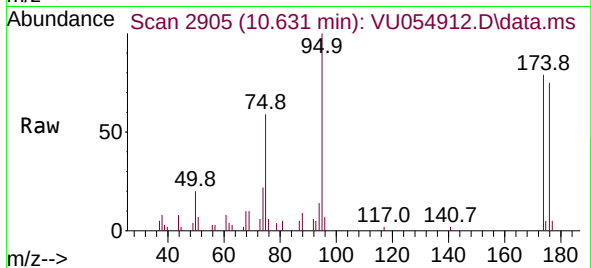
Tgt Ion:107 Resp: 49489
Ion Ratio Lower Upper
107 100
109 94.0 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.160 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

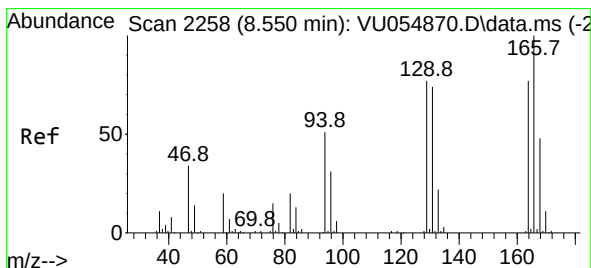
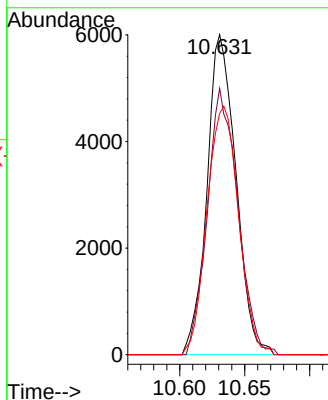
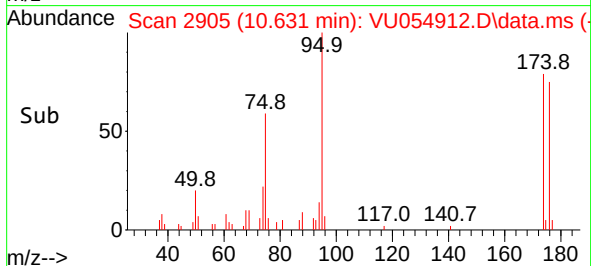
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 9290
Ion Ratio Lower Upper
95 100
174 87.3 79.3 118.9
176 84.9 71.5 107.3

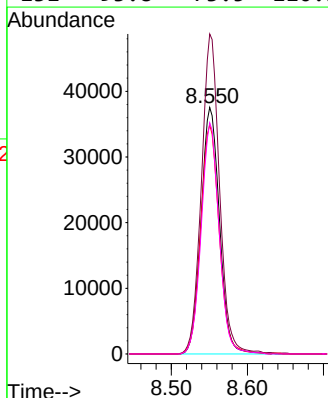
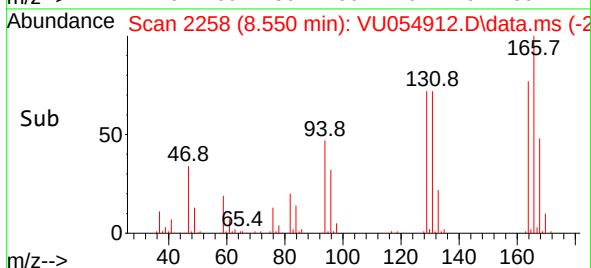
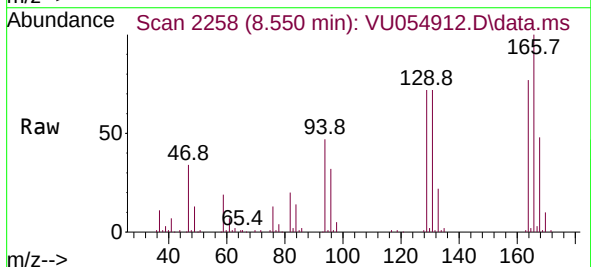
Manual Integrations
APPROVED

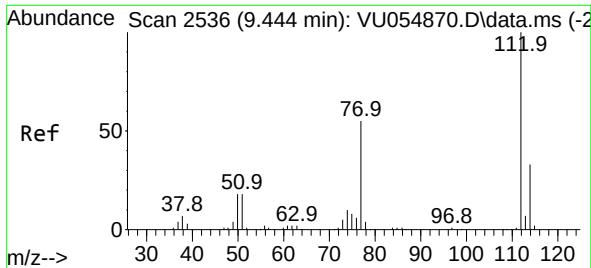
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 11.331 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

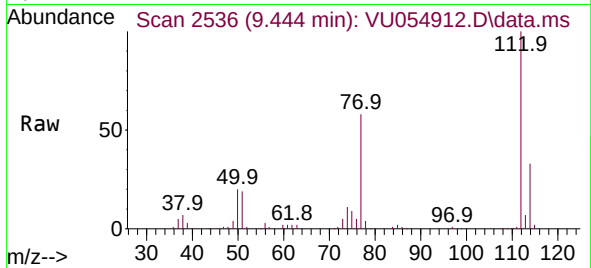
Tgt Ion:164 Resp: 63299
Ion Ratio Lower Upper
164 100
166 129.8 100.4 150.6
129 93.0 71.9 107.9
131 93.8 73.5 110.3





#59
Chlorobenzene
Concen: 10.724 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

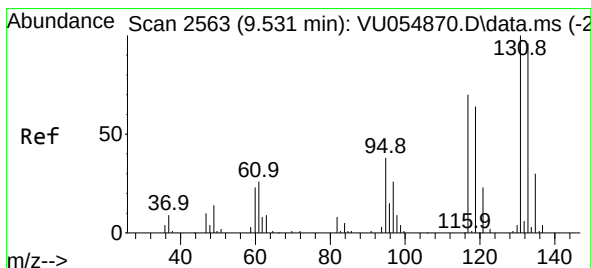
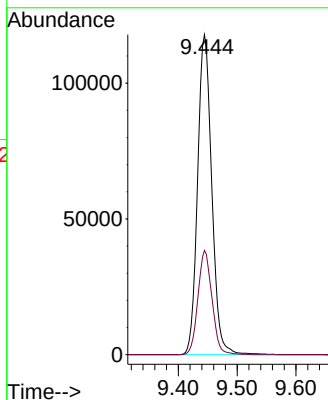
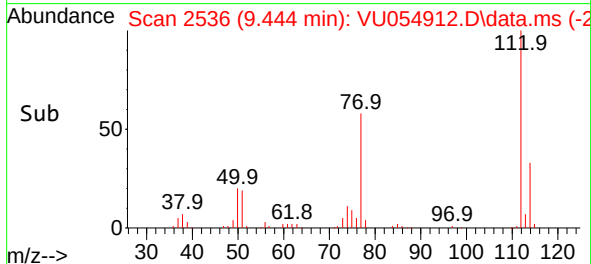
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



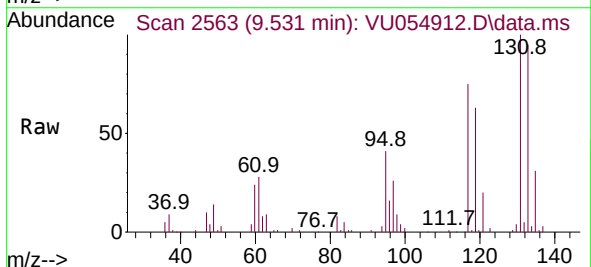
Tgt Ion:112 Resp: 197272
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6

Manual Integrations
APPROVED

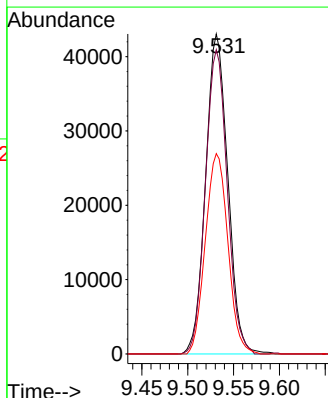
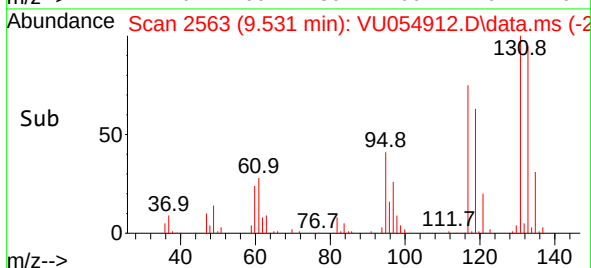
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

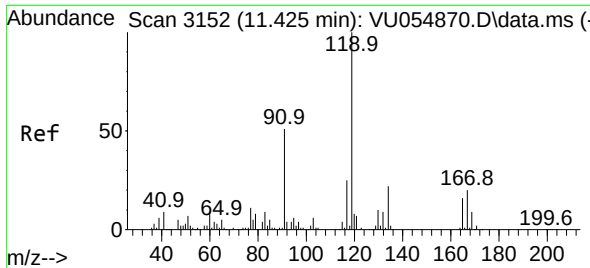


#60
1,1,1,2-Tetrachloroethane
Concen: 11.187 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



Tgt Ion:131 Resp: 72655
Ion Ratio Lower Upper
131 100
133 93.2 74.2 111.4
119 63.5 51.0 76.4





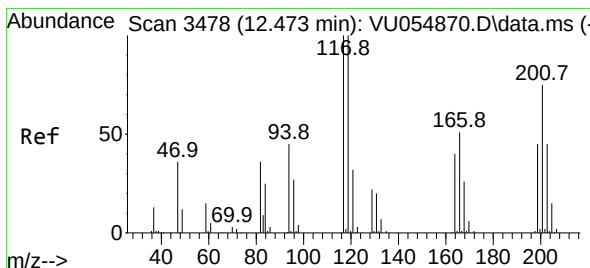
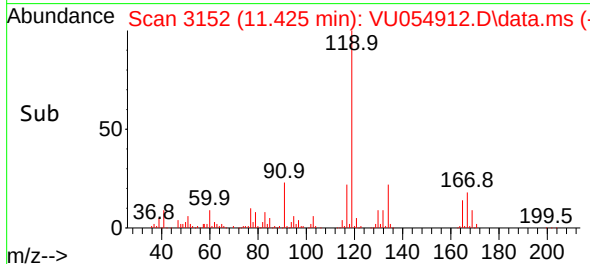
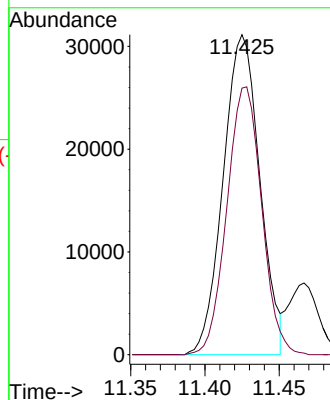
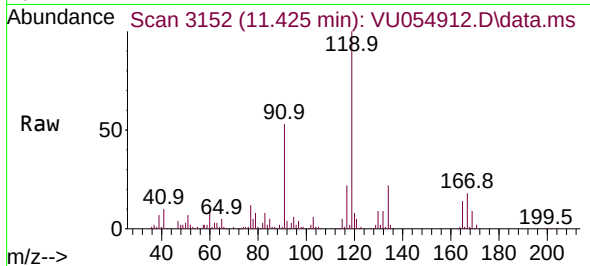
#61
Pentachloroethane
Concen: 10.540 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 5347
Ion Ratio Lower Upper
117 100
167 79.6 65.3 97.9

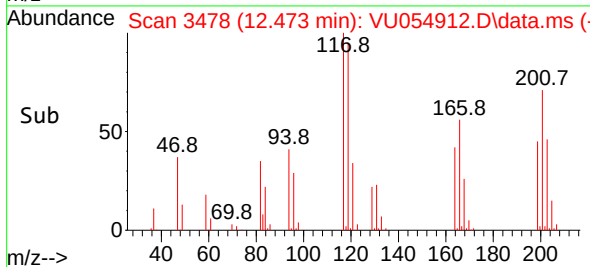
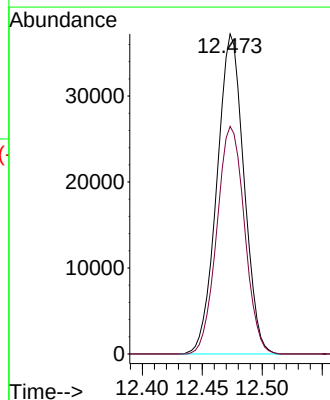
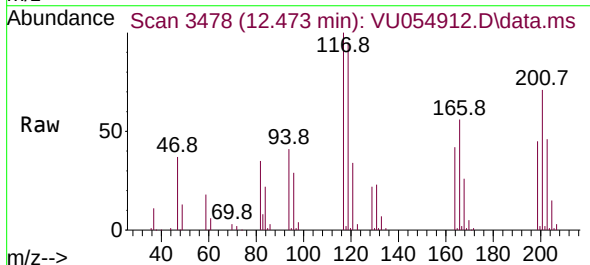
Manual Integrations
APPROVED

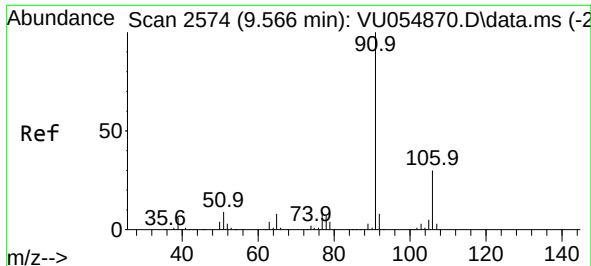
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 11.171 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

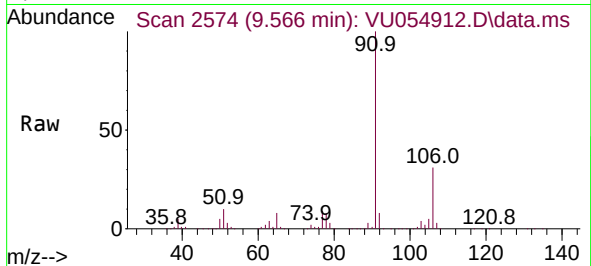
Tgt Ion:117 Resp: 58283
Ion Ratio Lower Upper
117 100
201 72.8 56.1 84.1





#63
Ethyl Benzene
Concen: 10.894 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

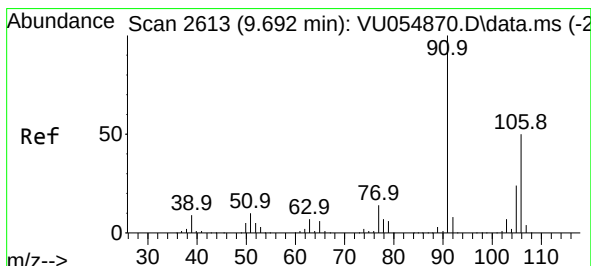
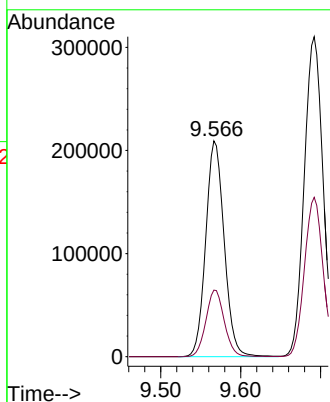
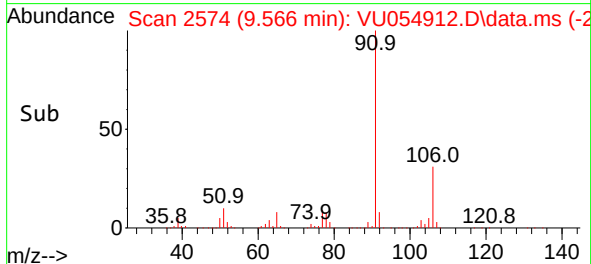
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



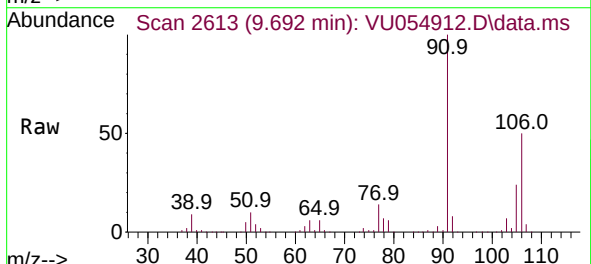
Tgt Ion: 91 Resp: 336260
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

Manual Integrations
APPROVED

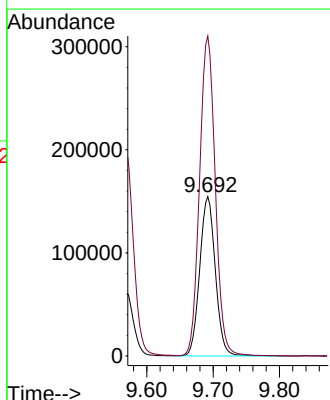
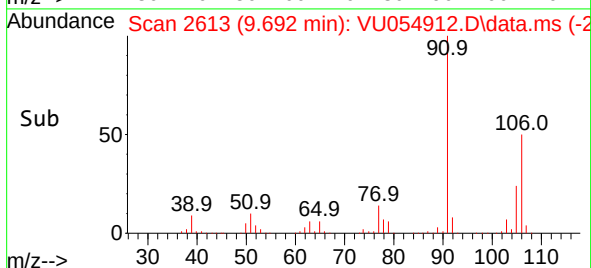
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

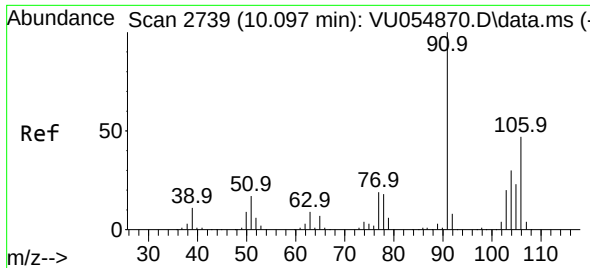


#64
m/p-Xylenes
Concen: 21.934 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



Tgt Ion:106 Resp: 253304
Ion Ratio Lower Upper
106 100
91 202.6 158.8 238.2





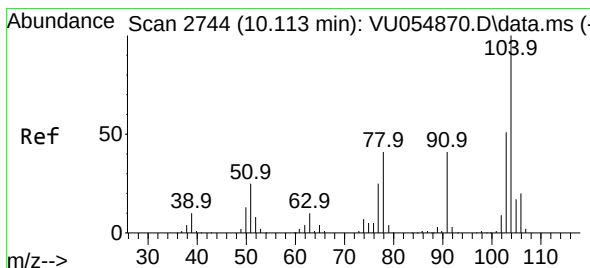
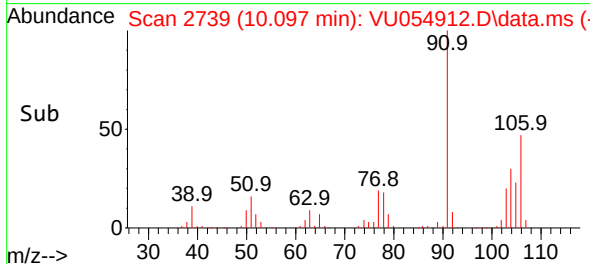
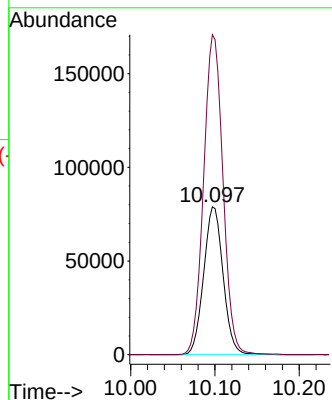
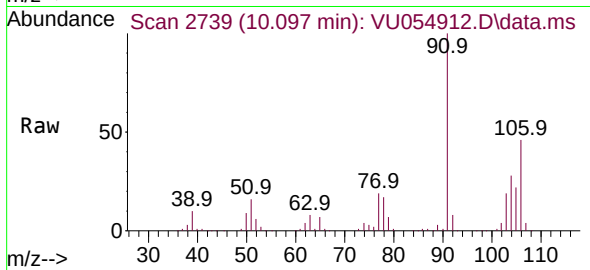
#65
o-Xylene
Concen: 10.689 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 126780
Ion Ratio Lower Upper
106 100
91 215.7 108.9 326.8

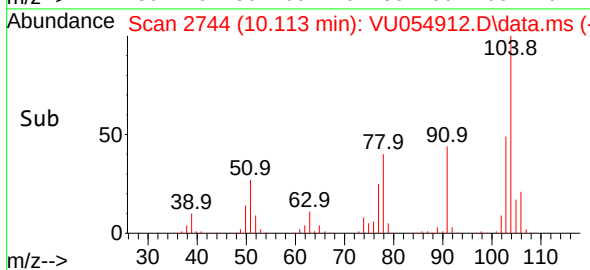
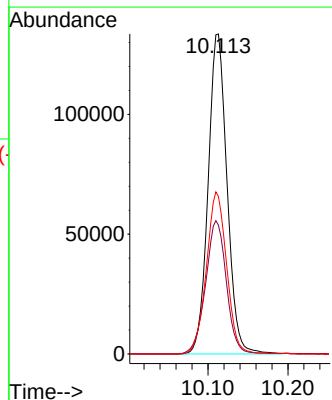
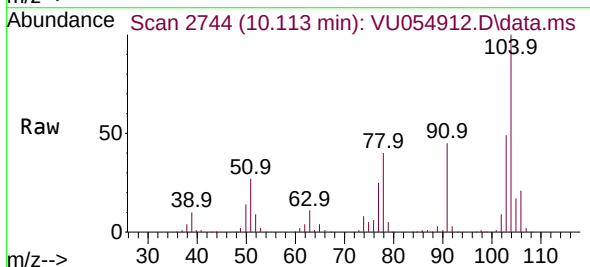
Manual Integrations
APPROVED

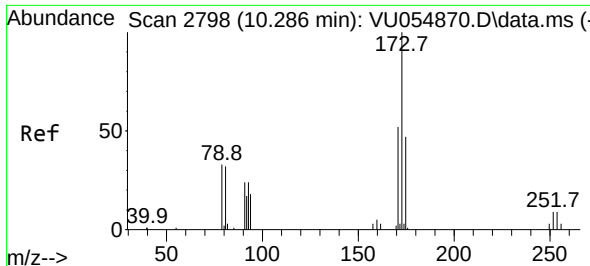
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 11.601 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion:104 Resp: 220026
Ion Ratio Lower Upper
104 100
78 45.8 37.5 56.3
103 54.2 45.2 67.8





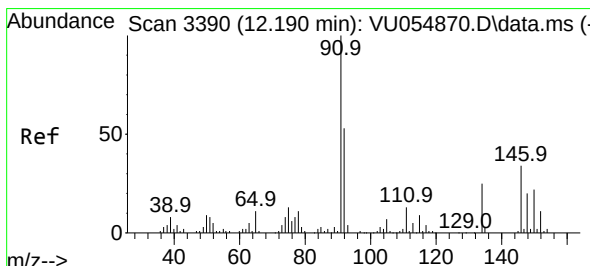
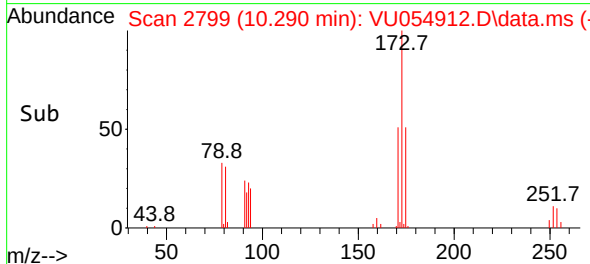
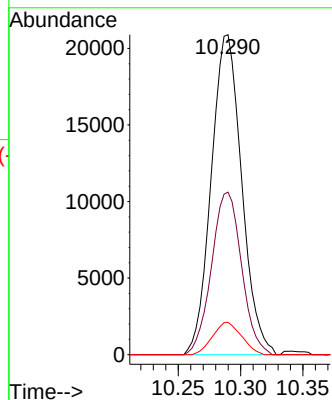
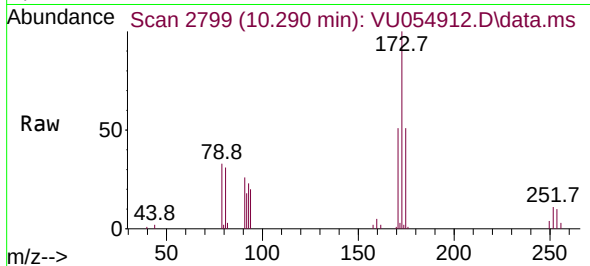
#67
Bromoform
Concen: 11.941 ug/l
RT: 10.290 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 3553
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.6
254 9.6 7.4 11.0

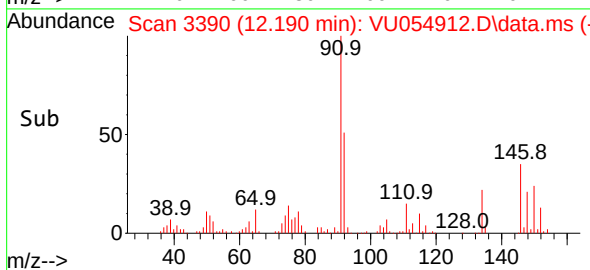
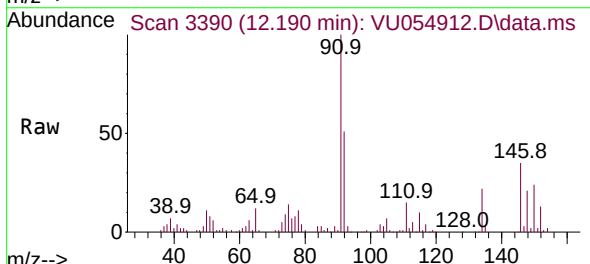
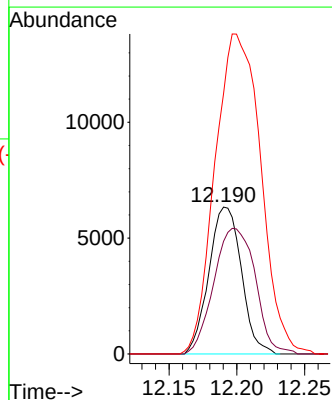
Manual Integrations
APPROVED

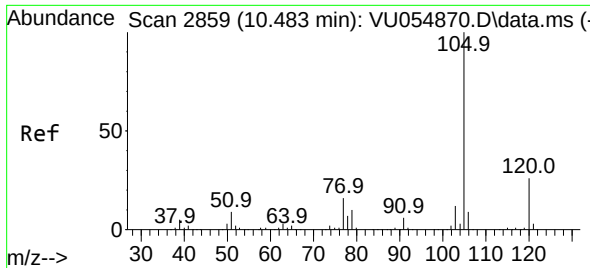
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.170 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Tgt Ion:152 Resp: 10591
Ion Ratio Lower Upper
152 100
115 108.6 0.0 234.8
150 305.7 0.0 598.2





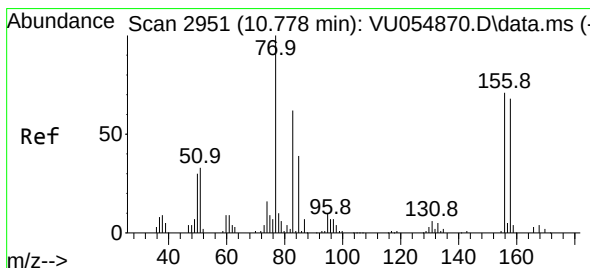
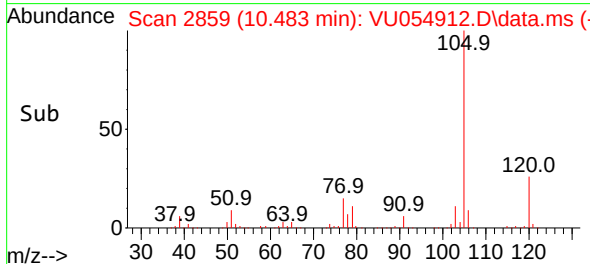
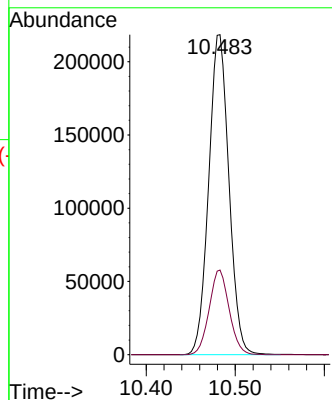
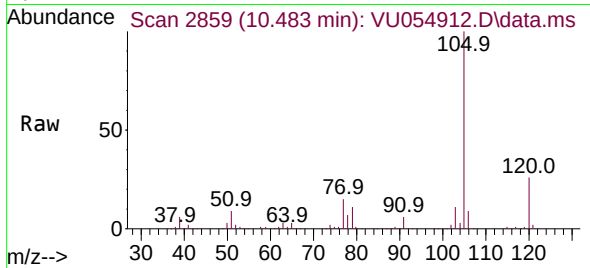
#69
Isopropylbenzene
Concen: 10.804 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 344040
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

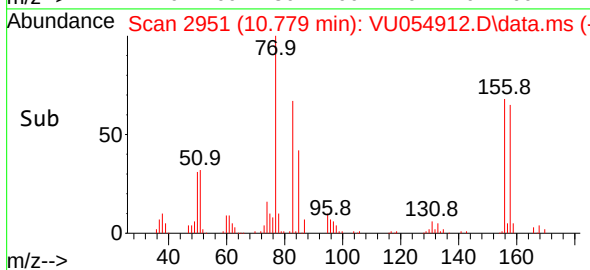
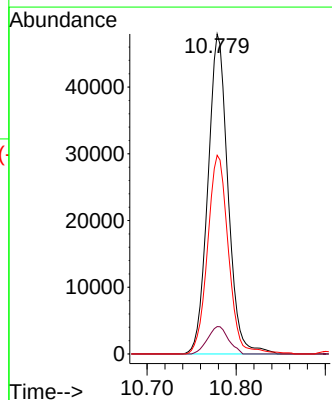
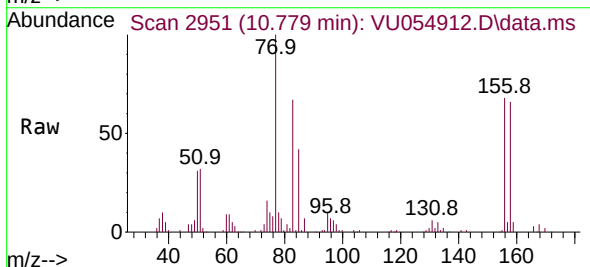
Manual Integrations
APPROVED

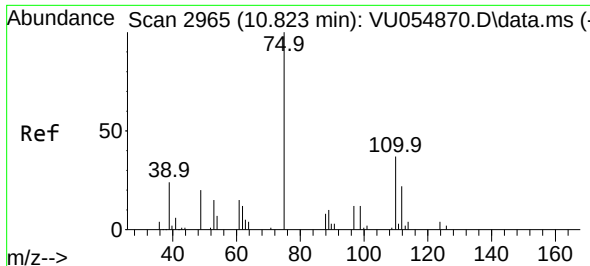
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 12.071 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

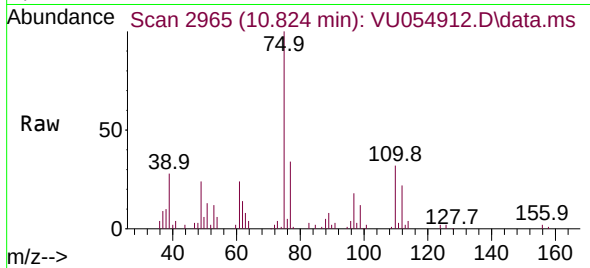
Tgt Ion: 83 Resp: 74835
Ion Ratio Lower Upper
83 100
131 8.9 7.5 11.3
85 64.7 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 12.074 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

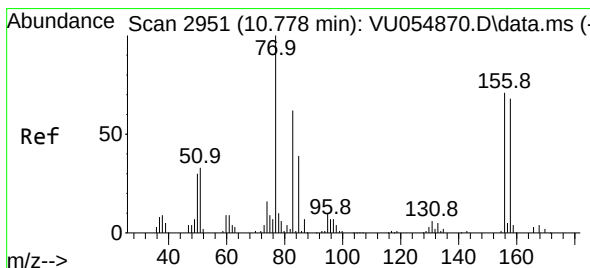
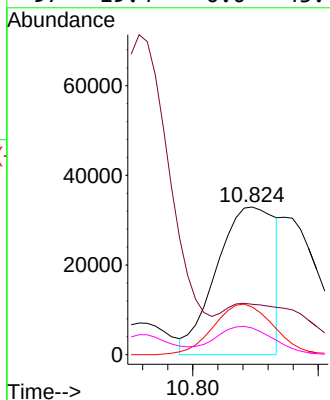
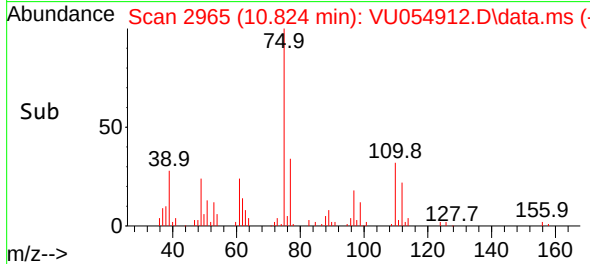
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



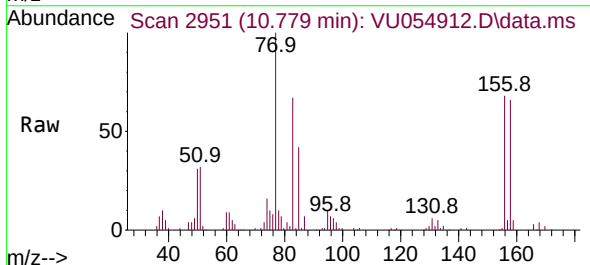
Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
77 48.1 0.0 0.0
110 35.2 0.0 80.8
97 19.4 0.0 43.4

Manual Integrations
APPROVED

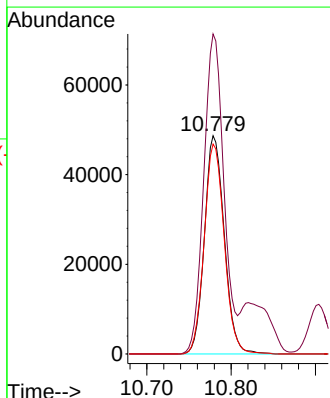
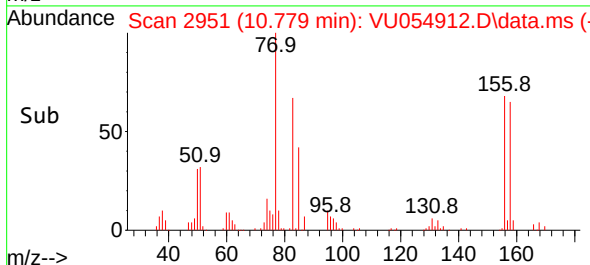
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

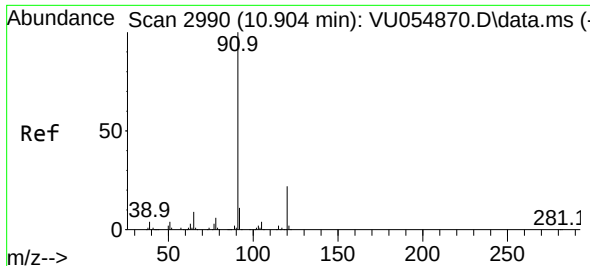


#72
Bromobenzene
Concen: 11.252 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



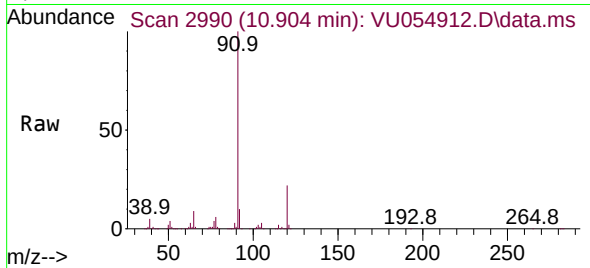
Tgt Ion:156 Resp: 79781
Ion Ratio Lower Upper
156 100
77 148.5 0.0 293.2
158 97.3 0.0 189.8





#73
n-propylbenzene
Concen: 11.108 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

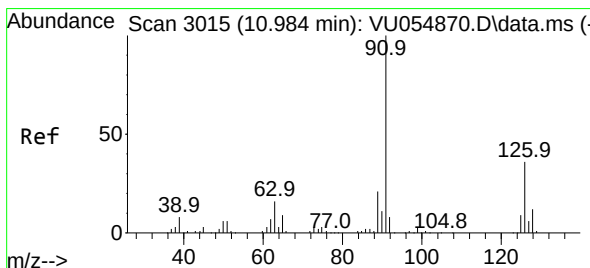
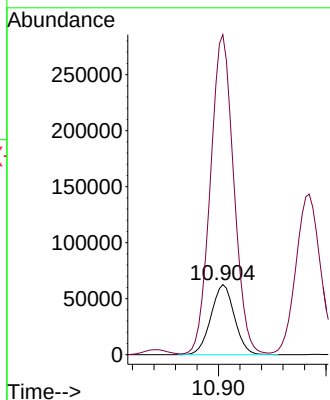
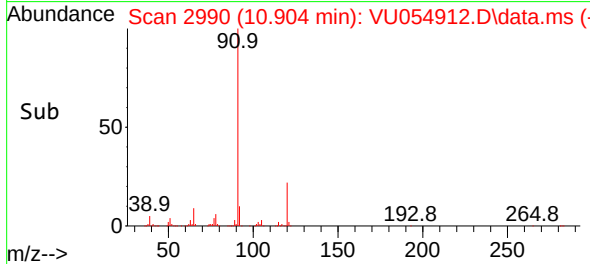
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 94660
Ion Ratio Lower Upper
120 100
91 453.7 361.8 542.6

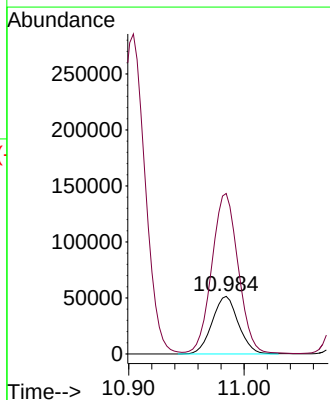
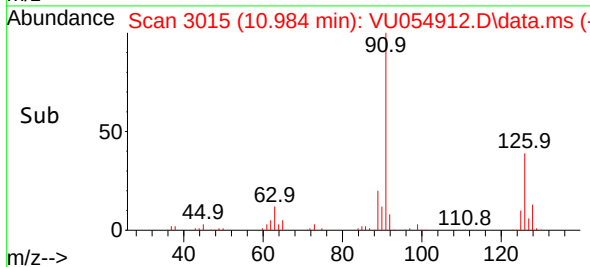
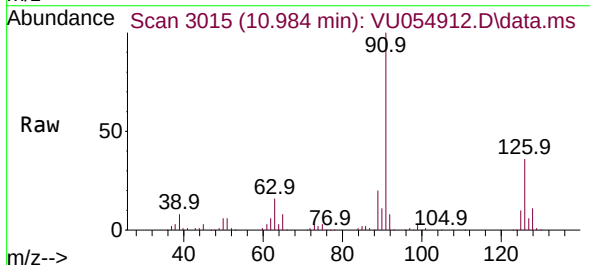
Manual Integrations
APPROVED

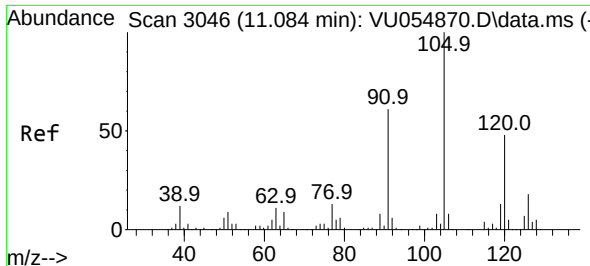
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.992 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

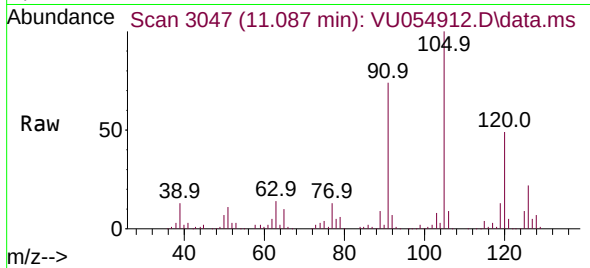
Tgt Ion:126 Resp: 81094
Ion Ratio Lower Upper
126 100
91 279.9 0.0 561.4





#75
1,3,5-Trimethylbenzene
Concen: 11.199 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

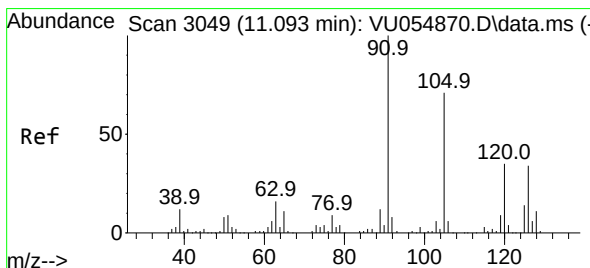
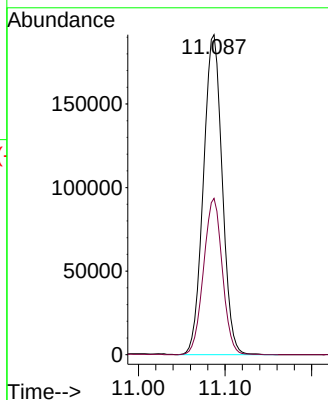
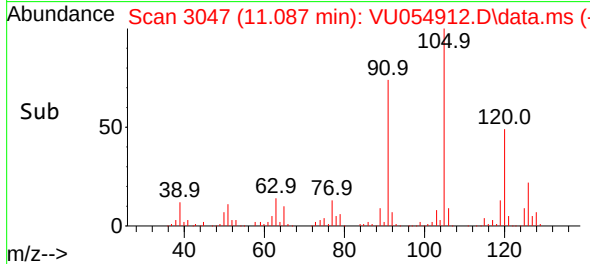
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



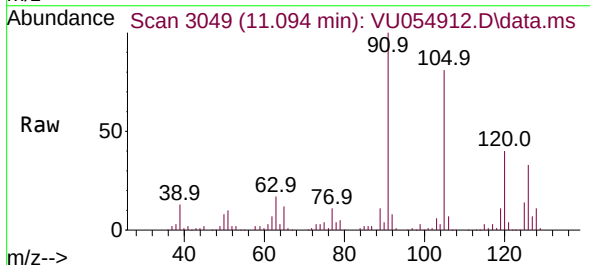
Tgt Ion:105 Resp: 28879
Ion Ratio Lower Upper
105 100
120 48.8 39.0 58.4

Manual Integrations
APPROVED

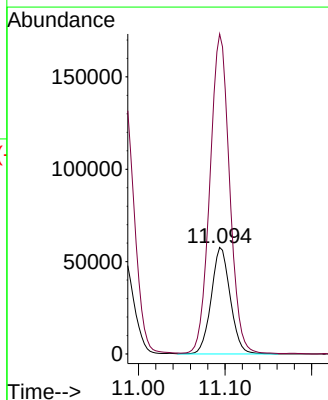
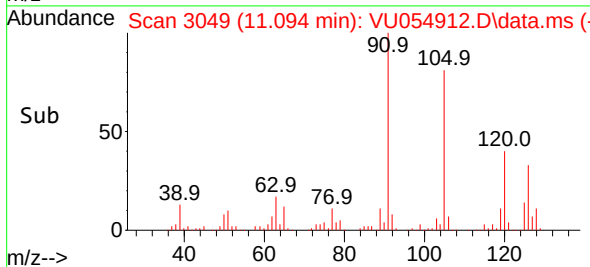
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

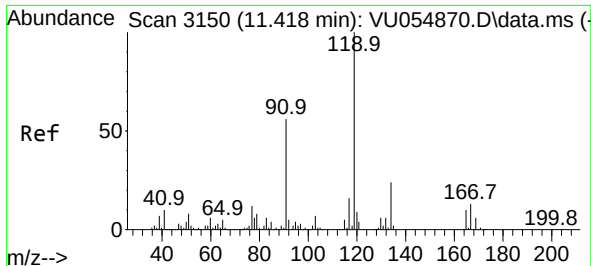


#76
4-Chlorotoluene
Concen: 11.440 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



Tgt Ion:126 Resp: 87690
Ion Ratio Lower Upper
126 100
91 310.7 0.0 623.4





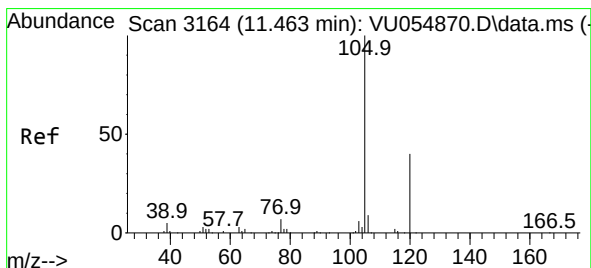
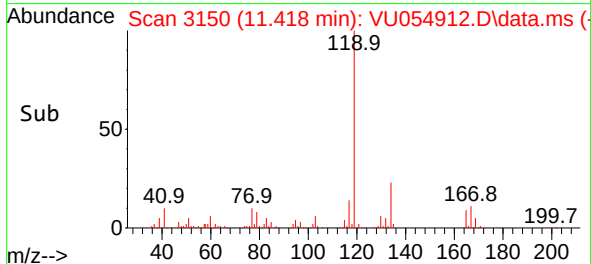
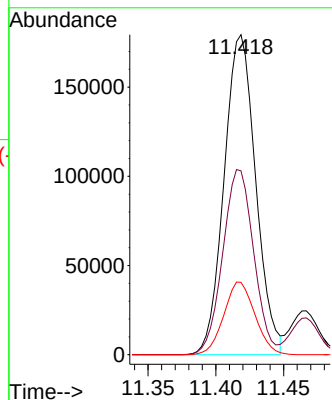
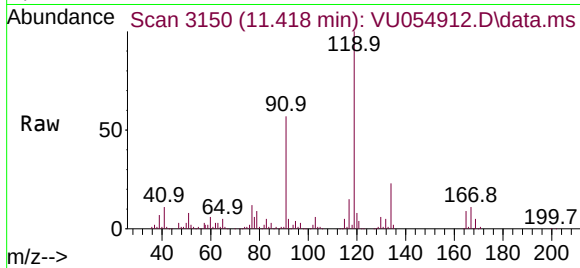
#77
tert-Butylbenzene
Concen: 10.867 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 291445
Ion Ratio Lower Upper
119 100
91 56.5 27.7 83.1
134 22.4 18.6 27.8

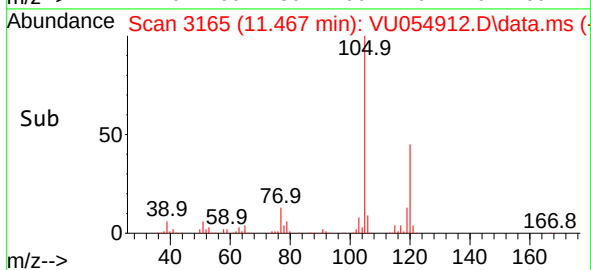
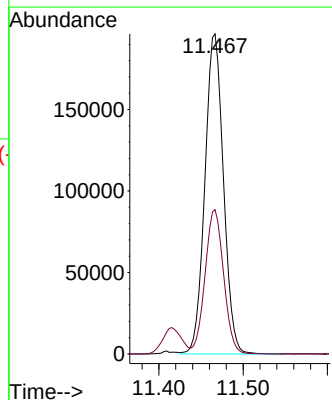
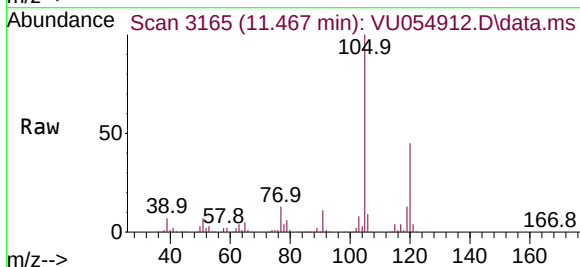
Manual Integrations
APPROVED

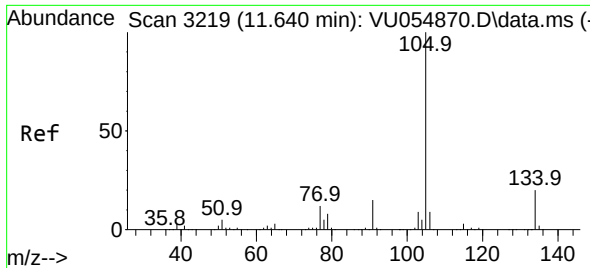
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.418 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

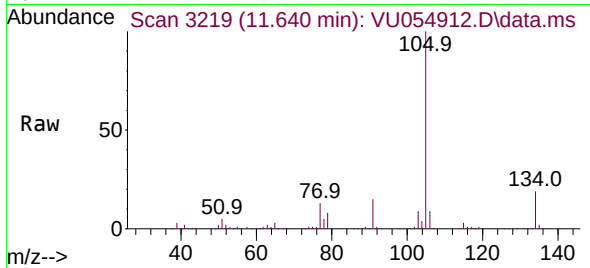
Tgt Ion:105 Resp: 301445
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 11.326 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

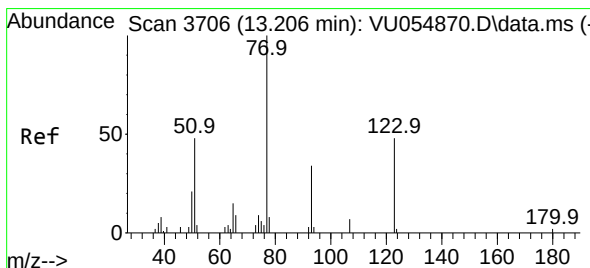
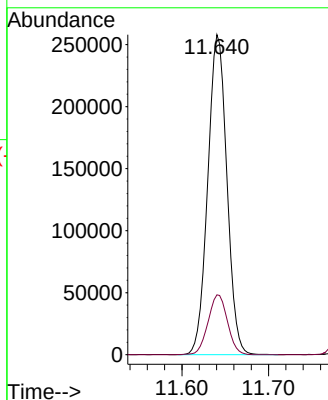
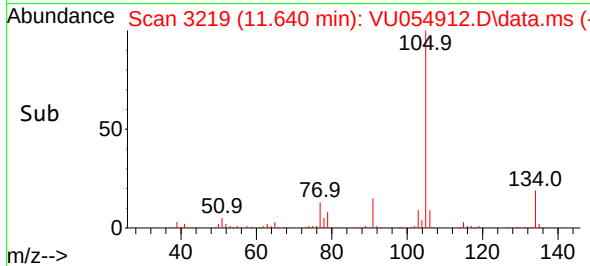
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 394862
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.7 23.5

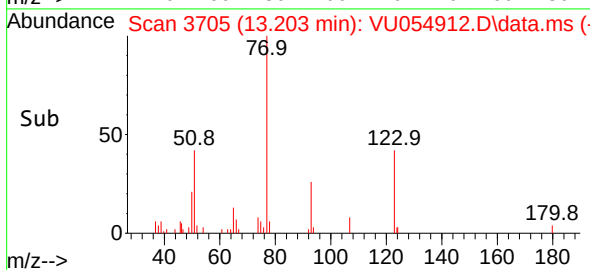
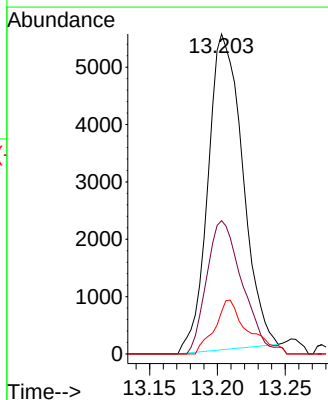
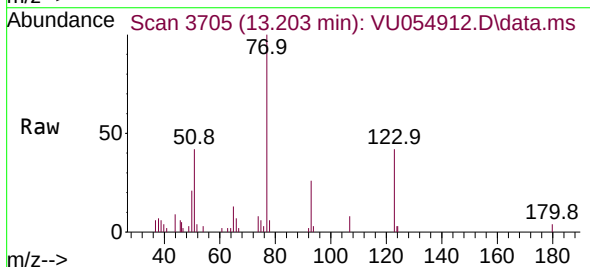
Manual Integrations
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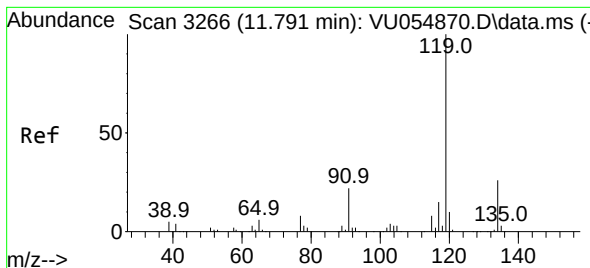
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 59.992 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU054912.D
 Acq: 28 Jul 2023 16:10

Tgt Ion: 77 Resp: 9772
 Ion Ratio Lower Upper
 77 100
 123 43.6 20.2 71.8
 65 16.3 11.7 14.9#





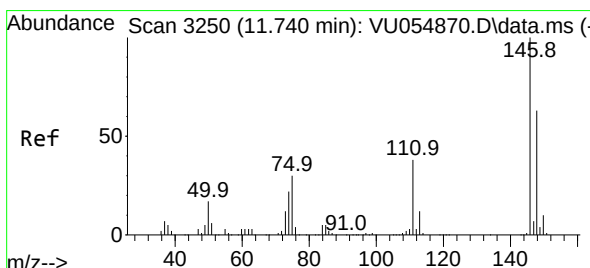
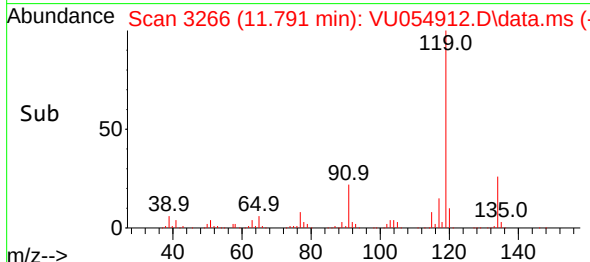
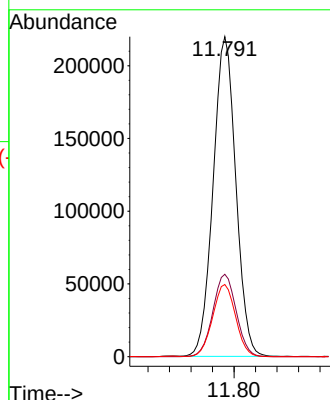
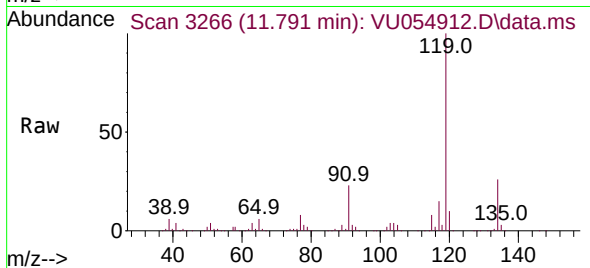
#81
p-Isopropyltoluene
Concen: 11.687 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 32158
Ion Ratio Lower Upper
119 100
134 26.5 20.6 31.0
91 22.9 18.2 27.4

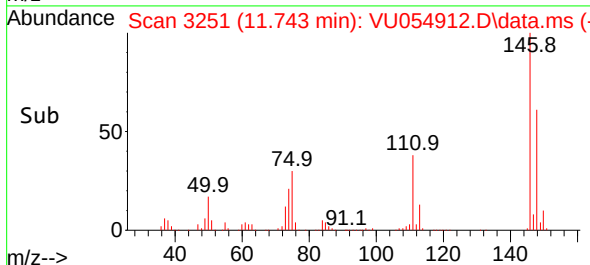
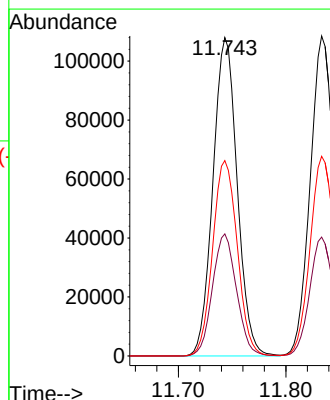
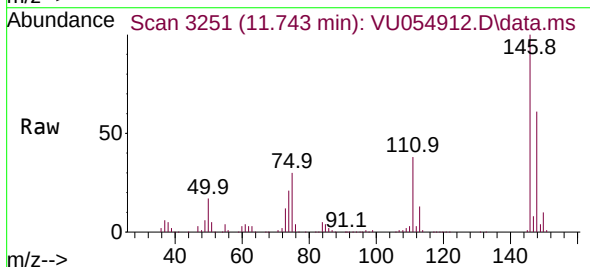
Manual Integrations
APPROVED

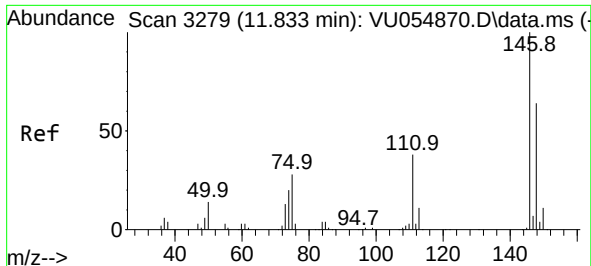
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 11.216 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

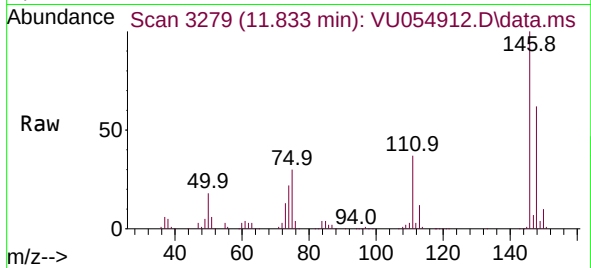
Tgt Ion:146 Resp: 169295
Ion Ratio Lower Upper
146 100
111 38.0 30.5 45.7
148 62.3 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 11.385 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

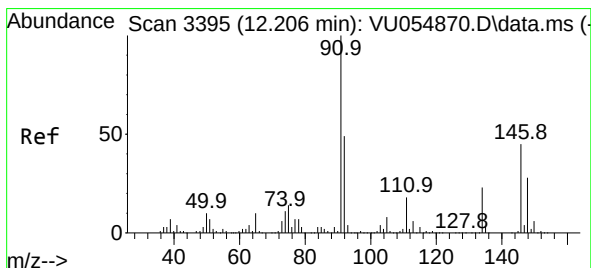
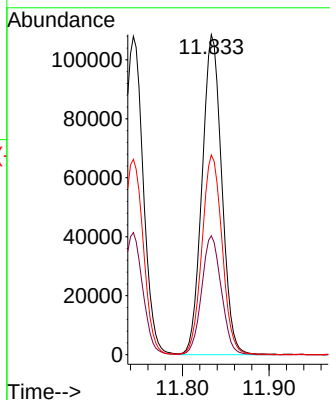
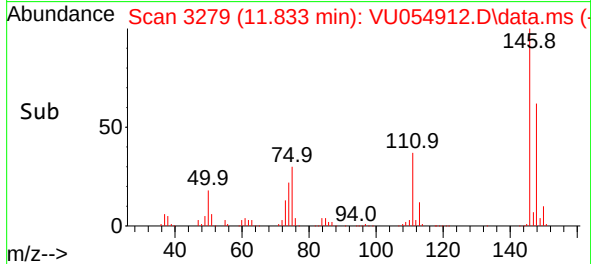
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



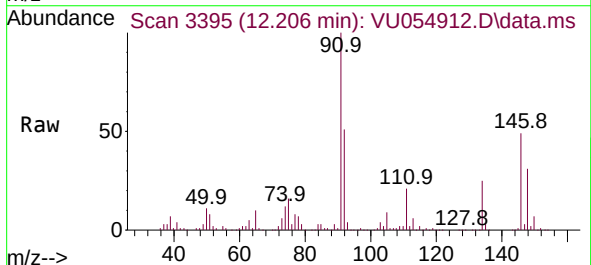
Tgt Ion:146 Resp: 171300
Ion Ratio Lower Upper
146 100
111 37.0 29.5 44.3
148 63.8 51.2 76.8

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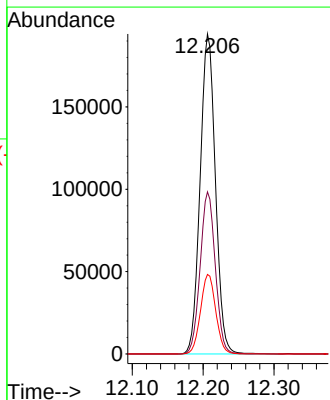
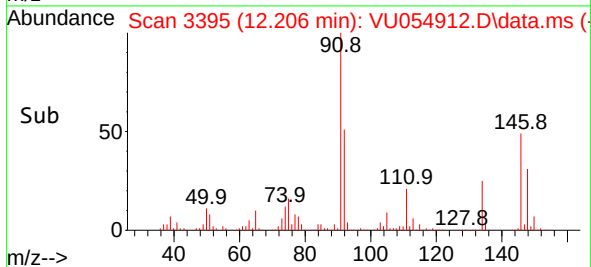
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

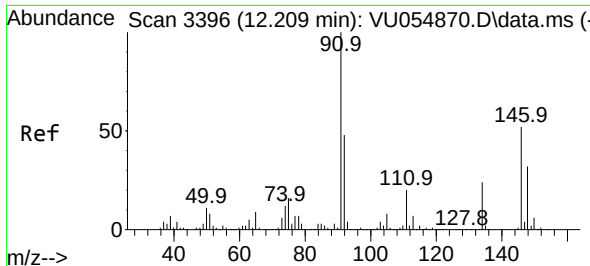


#84
n-Butylbenzene
Concen: 11.759 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



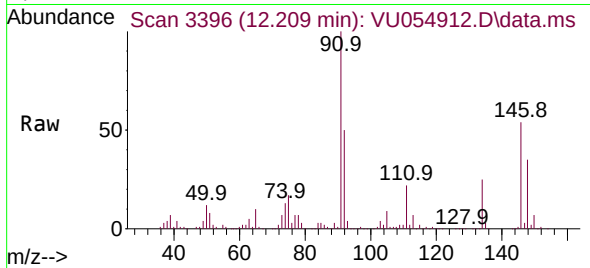
Tgt Ion: 91 Resp: 290628
Ion Ratio Lower Upper
91 100
92 50.1 39.8 59.8
134 24.7 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 10.988 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

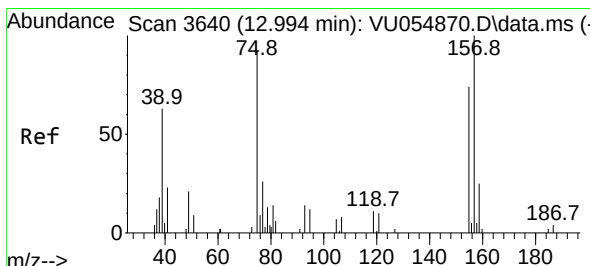
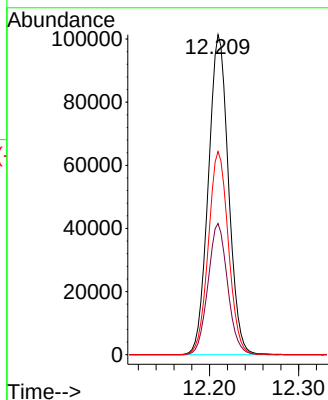
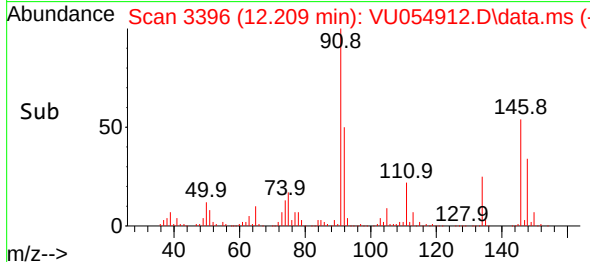
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 15898
Ion Ratio Lower Upper
146 100
111 40.0 19.8 59.4
148 63.2 31.8 95.3

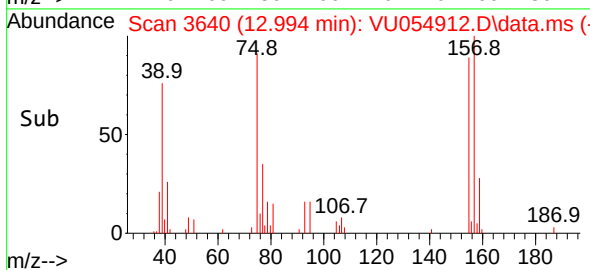
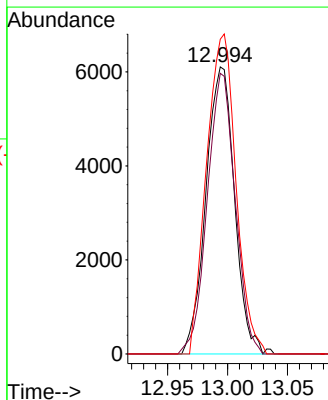
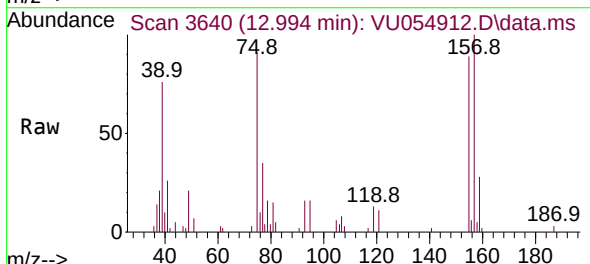
Manual Integrations
APPROVED

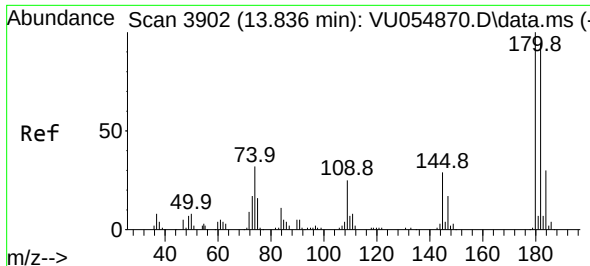
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 12.295 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

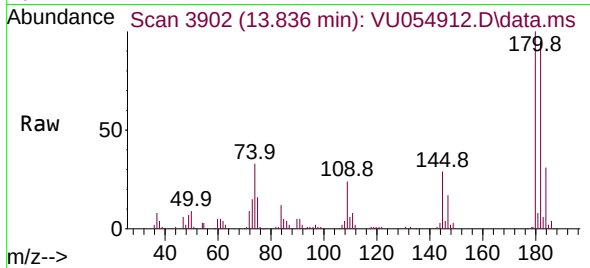
Tgt Ion: 75 Resp: 10134
Ion Ratio Lower Upper
75 100
155 94.9 74.8 112.2
157 114.6 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 10.900 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

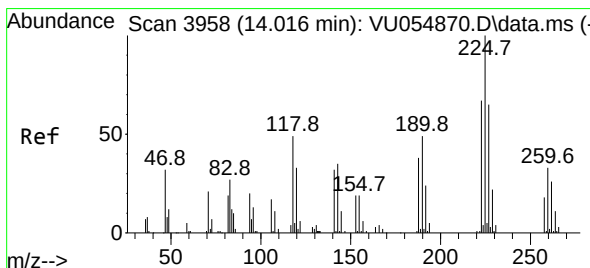
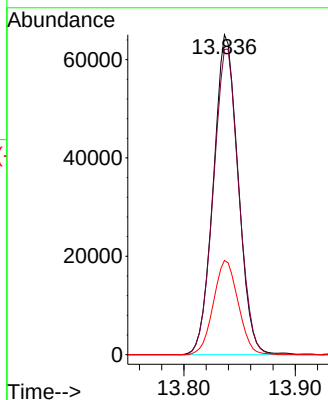
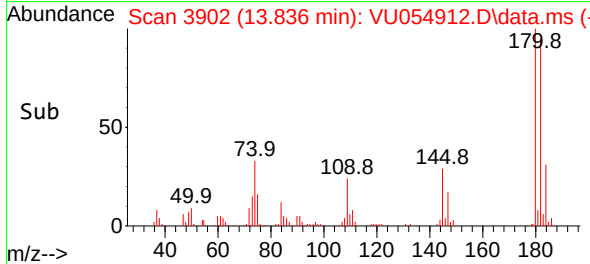
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



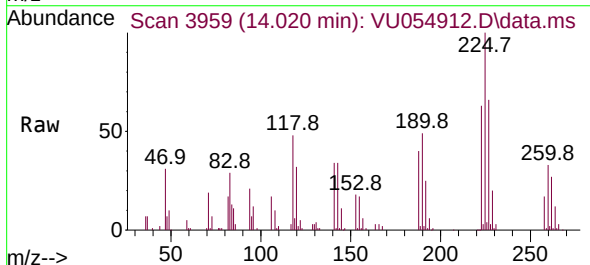
Tgt Ion:180 Resp: 100589
Ion Ratio Lower Upper
180 100
182 97.7 77.0 115.6
145 29.4 23.4 35.0

Manual Integrations
APPROVED

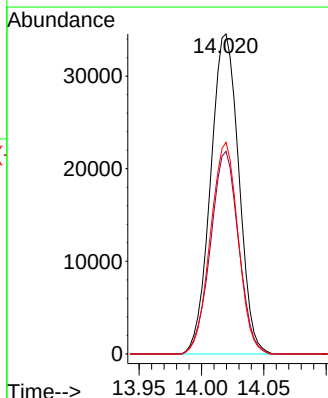
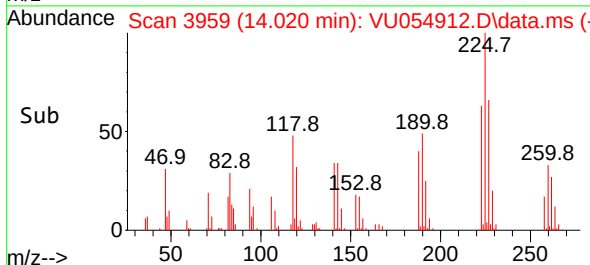
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

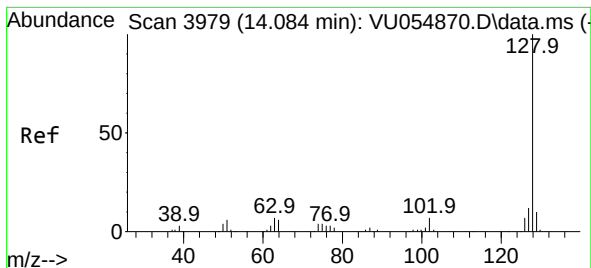


#88
Hexachlorobutadiene
Concen: 11.040 ug/l
RT: 14.020 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



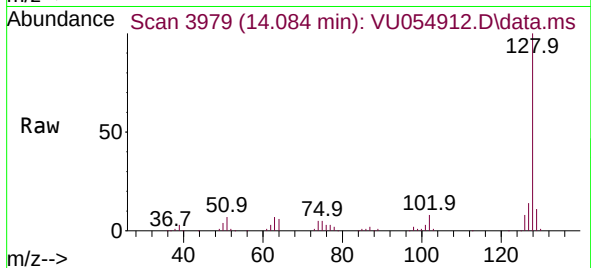
Tgt Ion:225 Resp: 54339
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 65.0 50.7 76.1





#89
Naphthalene
Concen: 10.900 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10

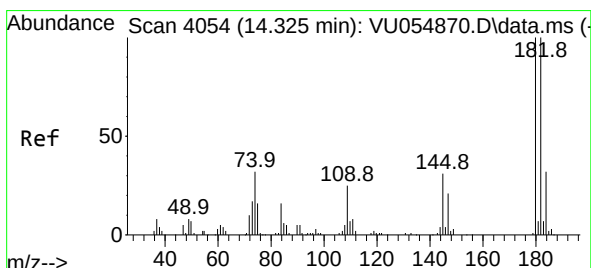
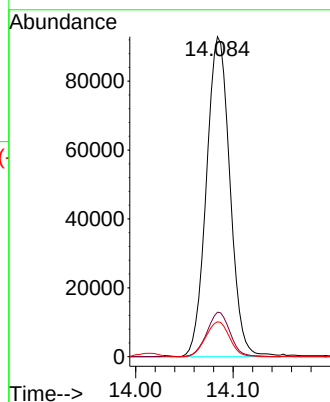
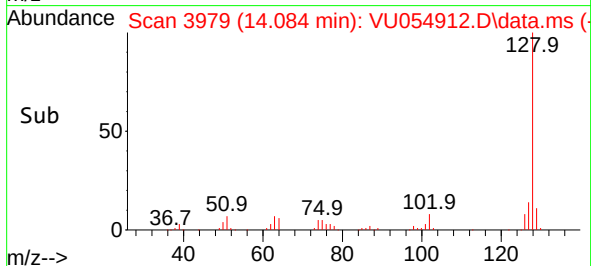
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



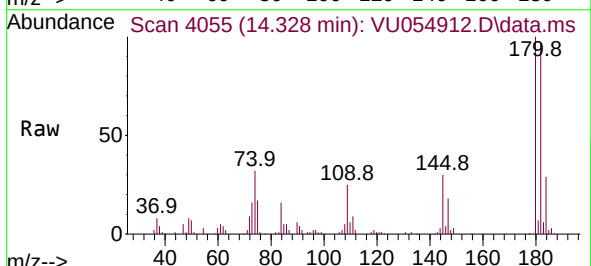
Tgt Ion:128 Resp: 155779
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.0 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 10.984 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054912.D
Acq: 28 Jul 2023 16:10



Tgt Ion:180 Resp: 89932
Ion Ratio Lower Upper
180 100
182 95.1 76.0 114.0
145 29.7 24.3 36.5

