

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052738.D
 Acq On : 19 Jan 2023 14:35
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	220169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	349494	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	329722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	181733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	296491	85.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 171.680%#			
35) Dibromofluoromethane	5.285	113	233864	96.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.640%#			
50) Toluene-d8	7.896	98	890961	96.601	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 193.200%#			
62) 4-Bromofluorobenzene	10.629	95	340177	101.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 203.540%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	247924	91.423	ug/l	99
3) Chloromethane	1.520	50	237158	62.168	ug/l	98
4) Vinyl Chloride	1.604	62	260926	78.095	ug/l	99
5) Bromomethane	1.858	94	134212	70.890	ug/l	98
6) Chloroethane	1.935	64	159848	79.036	ug/l	99
7) Trichlorofluoromethane	2.137	101	395005	91.706	ug/l	99
8) Diethyl Ether	2.375	74	145263	83.286	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	230117	90.064	ug/l	99
10) Methyl Iodide	2.719	142	217130	84.549	ug/l	100
11) Tert butyl alcohol	3.269	59	274817m	406.533	ug/l	
12) 1,1-Dichloroethene	2.578	96	224009	88.951	ug/l	99
13) Acrolein	2.488	56	244928	313.432	ug/l	99
14) Allyl chloride	2.922	41	385521	79.424	ug/l	99
15) Acrylonitrile	3.314	53	734383	406.554	ug/l	100
16) Acetone	2.639	43	734893	418.895	ug/l	100
17) Carbon Disulfide	2.790	76	666604	84.225	ug/l	99
18) Methyl Acetate	2.948	43	401058	78.885	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	813523	93.252	ug/l	98
20) Methylene Chloride	3.044	84	265546	71.235	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	248448	91.060	ug/l	97
22) Diisopropyl ether	3.986	45	765548	81.707	ug/l	99
23) Vinyl Acetate	3.951	43	3089942	424.037	ug/l	100
24) 1,1-Dichloroethane	3.864	63	466083	83.708	ug/l	100
25) 2-Butanone	4.703	43	997981	416.049	ug/l	99
26) 2,2-Dichloropropane	4.661	77	396222	90.449	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	281253	89.880	ug/l	98
28) Bromochloromethane	4.970	49	192464	76.063	ug/l	99
29) Tetrahydrofuran	5.051	42	587223	405.216	ug/l	99
30) Chloroform	5.083	83	471616	82.368	ug/l	98
31) Cyclohexane	5.385	56	420455	80.869	ug/l	99
32) 1,1,1-Trichloroethane	5.311	97	414628	91.903	ug/l	98
36) 1,1-Dichloropropene	5.523	75	360731	96.882	ug/l	100
37) Ethyl Acetate	4.800	43	361106	77.051	ug/l	99
38) Carbon Tetrachloride	5.523	117	364623	103.709	ug/l	100
39) Methylcyclohexane	6.761	83	448629	104.683	ug/l	100
40) Benzene	5.771	78	1047917	94.883	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	197831	90.626	ug/l	98
42) 1,2-Dichloroethane	5.790	62	376928	94.655	ug/l	100
43) Isopropyl Acetate	5.906	43	564163	91.978	ug/l	100
44) Trichloroethene	6.539	130	266775	101.351	ug/l	99
45) 1,2-Dichloropropane	6.787	63	271477	89.736	ug/l	99
46) Dibromomethane	6.915	93	184996	95.847	ug/l	99
47) Bromodichloromethane	7.102	83	377577	95.744	ug/l	99
48) Methyl methacrylate	6.957	41	272768	95.546	ug/l	99
49) 1,4-Dioxane	7.028	88	96888	1781.338	ug/l	83
51) 4-Methyl-2-Pentanone	7.790	43	1819137	455.051	ug/l	100
52) Toluene	7.967	92	665922	102.146	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	422159	101.578	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	455607	101.239	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	260067	96.268	ug/l	99
56) Ethyl methacrylate	8.330	69	425132	107.884	ug/l	99
57) 1,3-Dichloropropane	8.571	76	462502	96.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	65785	469.289	ug/l	100
59) 2-Hexanone	8.684	43	1446288	472.820	ug/l	99
60) Dibromochloromethane	8.806	129	291451	103.303	ug/l	100
61) 1,2-Dibromoethane	8.919	107	281590	102.775	ug/l	100
64) Tetrachloroethene	8.549	164	229970	107.264	ug/l	99
65) Chlorobenzene	9.443	112	701739	100.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	260271	102.648	ug/l	99
67) Ethyl Benzene	9.565	91	1269029	105.387	ug/l	99
68) m/p-Xylenes	9.690	106	994734	218.211	ug/l	99
69) o-Xylene	10.095	106	478460	110.260	ug/l	98
70) Styrene	10.111	104	813385	111.935	ug/l	99
71) Bromoform	10.285	173	226646	105.801	ug/l #	99
73) Isopropylbenzene	10.481	105	1266313	102.741	ug/l	100
74) N-amyl acetate	10.317	43	511951	93.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	441023	85.274	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	492389	87.198	ug/l	98
77) Bromobenzene	10.777	156	306868	99.159	ug/l	97
78) n-propylbenzene	10.902	91	1534349	102.884	ug/l	99
79) 2-Chlorotoluene	10.983	91	892119	97.513	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	1088763	104.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	136665	93.499	ug/l	97
82) 4-Chlorotoluene	11.092	91	1042589	100.332	ug/l	100
83) tert-Butylbenzene	11.417	119	1094851	105.678	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	1087475	106.237	ug/l	100
85) sec-Butylbenzene	11.639	105	1383661	106.229	ug/l	100
86) p-Isopropyltoluene	11.790	119	1196911	111.971	ug/l	99
87) 1,3-Dichlorobenzene	11.742	146	597045	100.028	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	611384	100.412	ug/l	98
89) n-Butylbenzene	12.205	91	1054367	109.399	ug/l	99
90) Hexachloroethane	12.471	117	206976	99.293	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	592451	100.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	101152	91.589	ug/l	99
93) 1,2,4-Trichlorobenzene	13.835	180	400113	115.425	ug/l	100
94) Hexachlorobutadiene	14.018	225	198674	107.756	ug/l	99
95) Naphthalene	14.082	128	1200952	116.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	392997	112.965	ug/l	99

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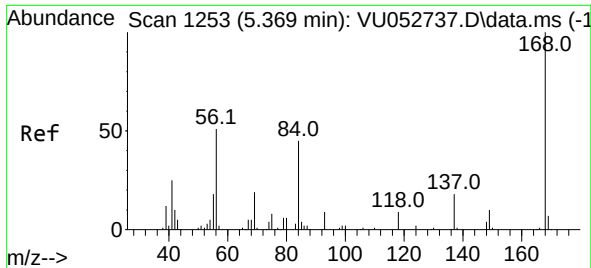
Manual Integrations
APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



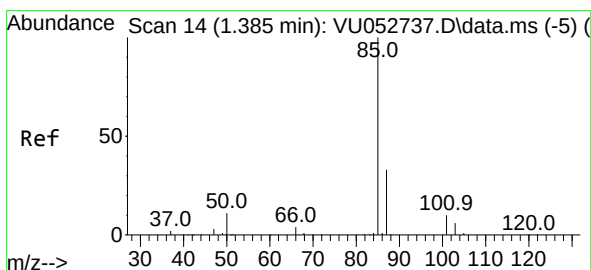
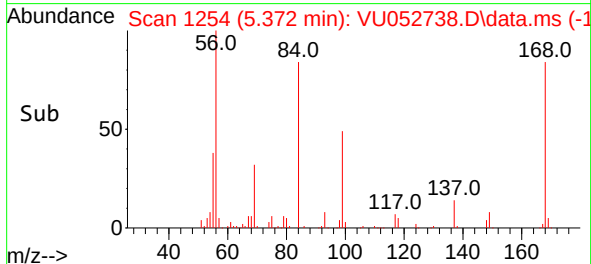
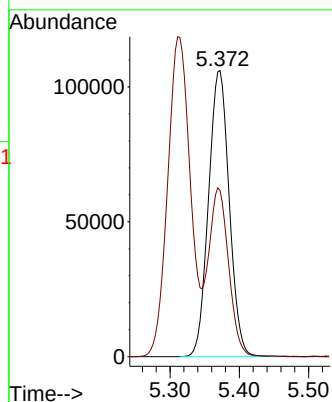
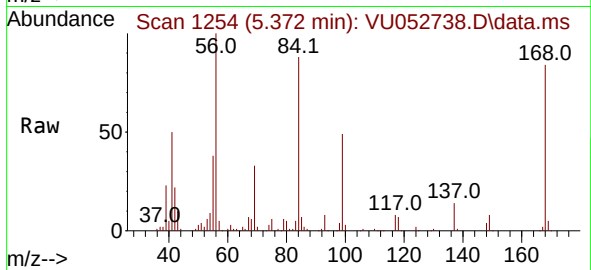
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 220169
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6

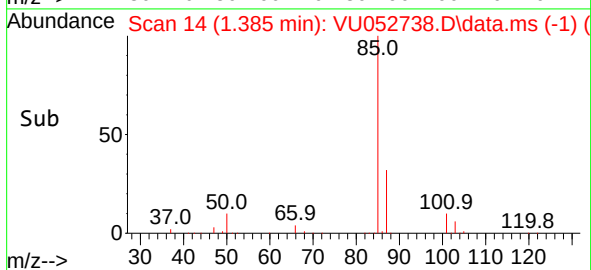
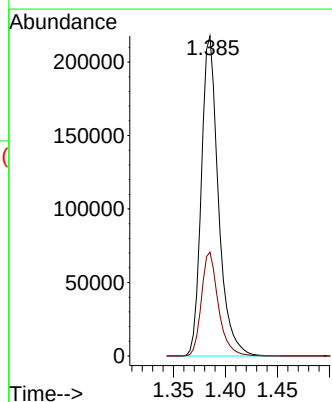
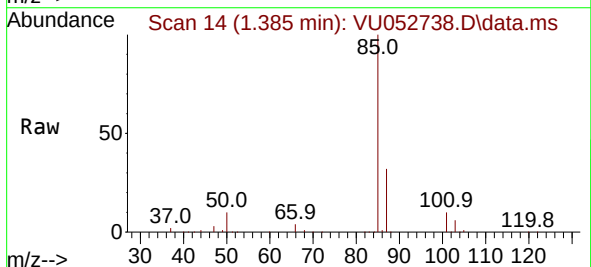
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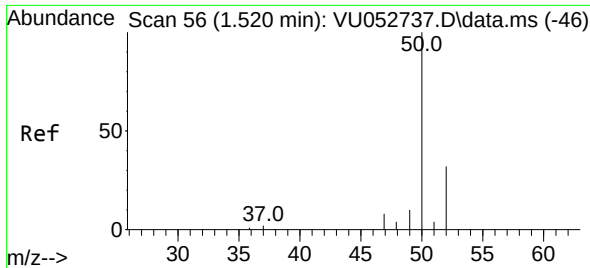
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 91.423 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion: 85 Resp: 247924
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7





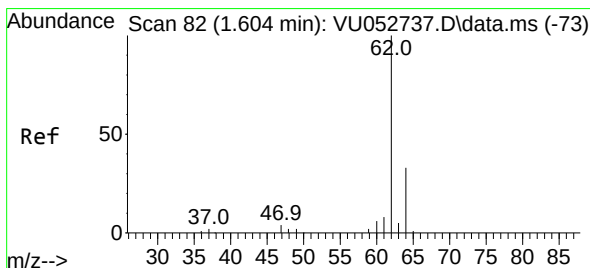
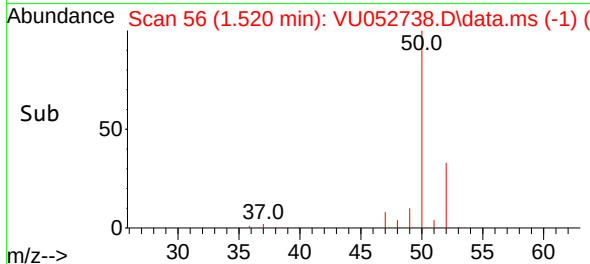
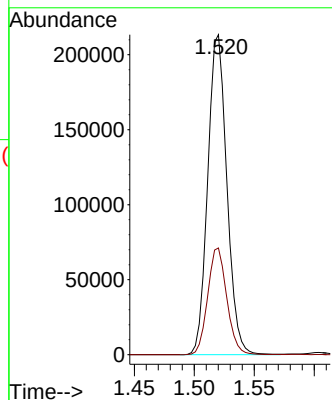
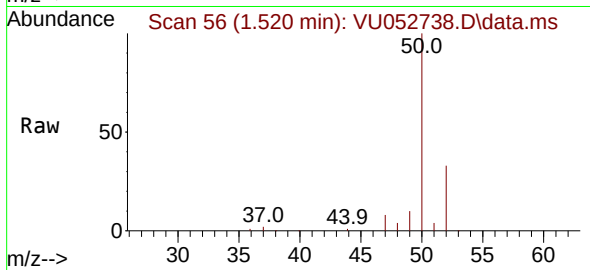
#3
Chloromethane
Concen: 62.168 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
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VSTDICC100

Tgt Ion: 50 Resp: 237158
Ion Ratio Lower Upper
50 100
52 33.3 25.8 38.6

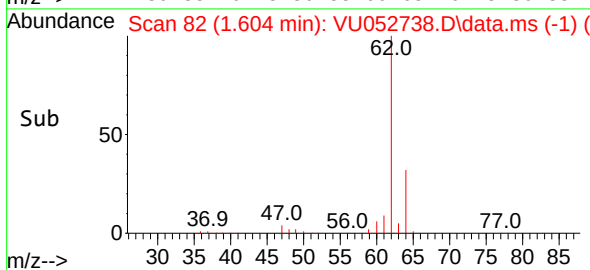
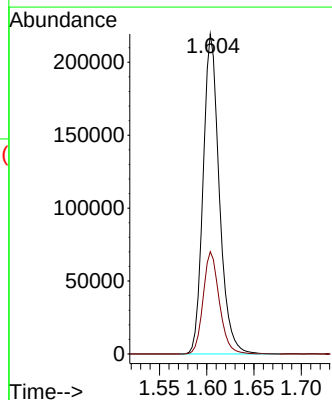
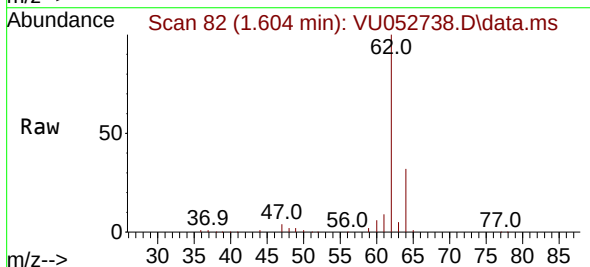
Manual Integrations
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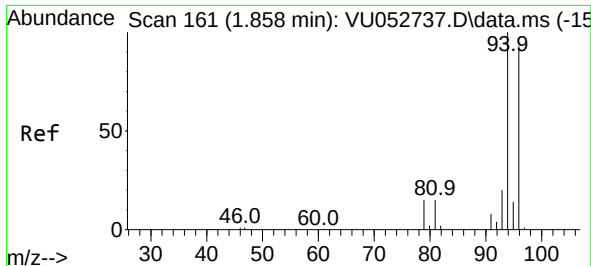
Reviewed By :John Carlone 01/20/2023
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#4
Vinyl Chloride
Concen: 78.095 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052738.D
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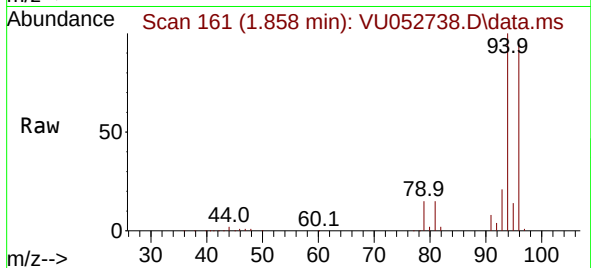
Tgt Ion: 62 Resp: 260926
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1





#5
Bromomethane
Concen: 70.890 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

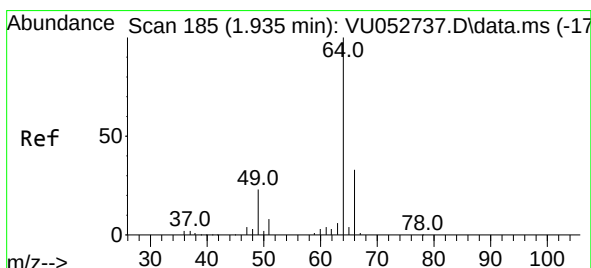
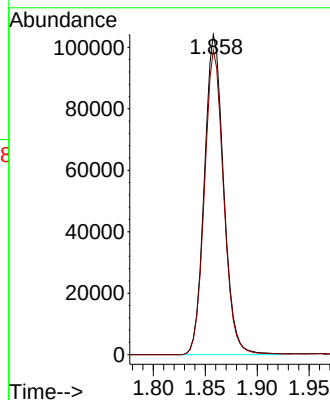
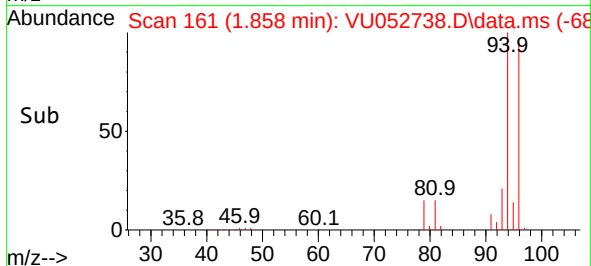
Instrument :
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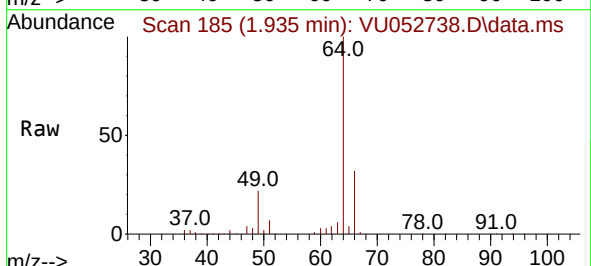
Tgt Ion: 94 Resp: 13421
Ion Ratio Lower Upper
94 100
96 95.1 74.3 111.5

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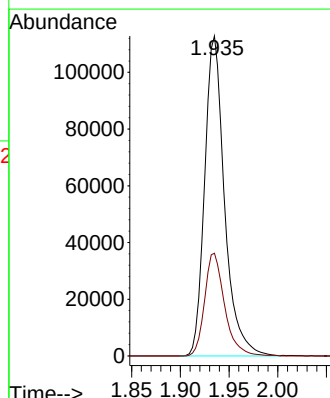
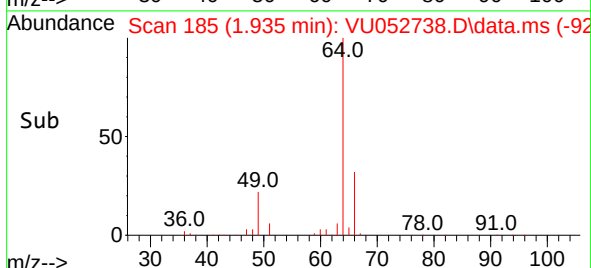
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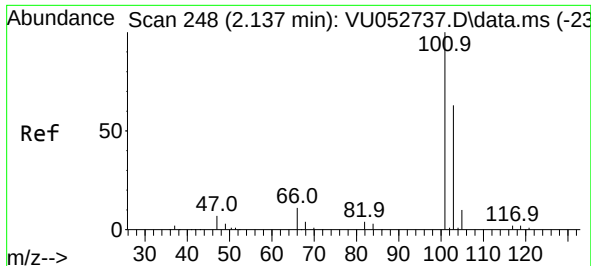


#6
Chloroethane
Concen: 79.036 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



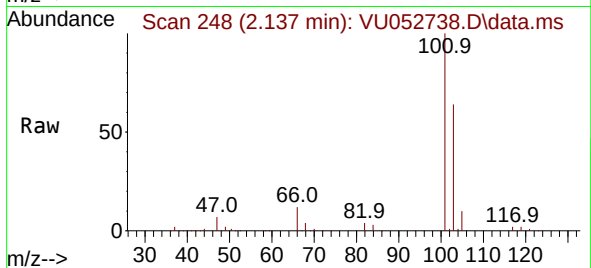
Tgt Ion: 64 Resp: 159848
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 91.706 ug/l
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

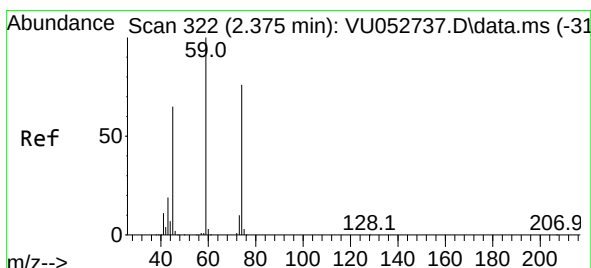
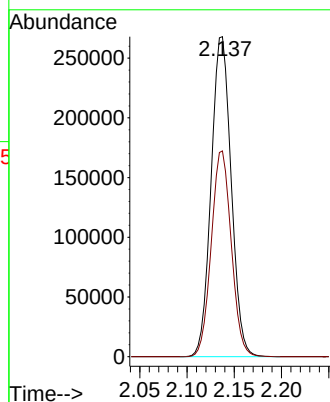
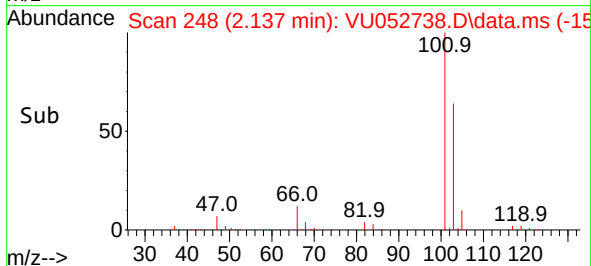
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



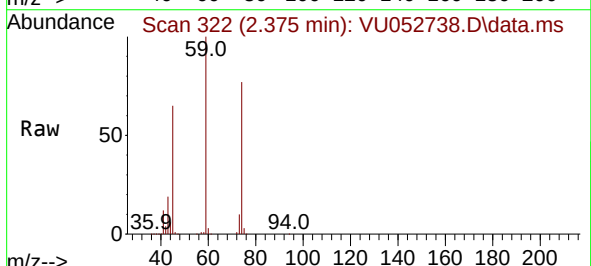
Tgt Ion:101 Resp: 395000
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

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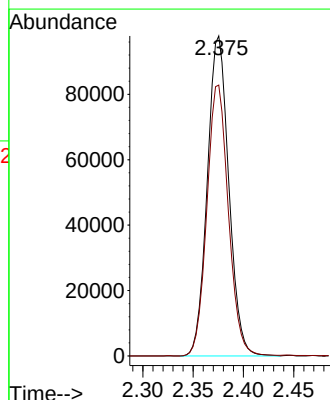
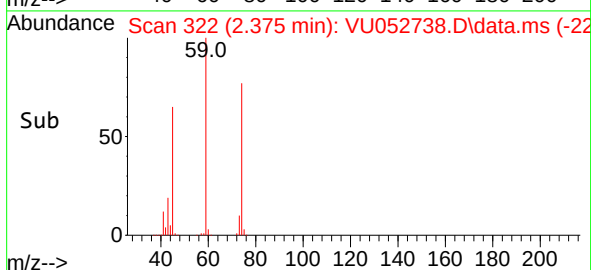
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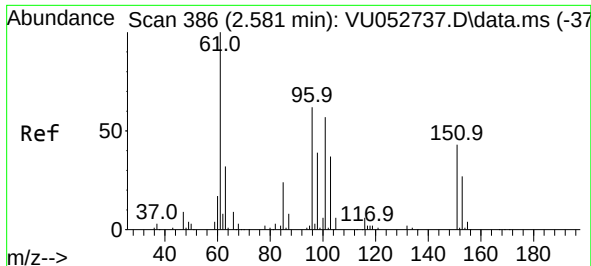


#8
Diethyl Ether
Concen: 83.286 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 74 Resp: 145263
Ion Ratio Lower Upper
74 100
45 85.0 42.4 127.3





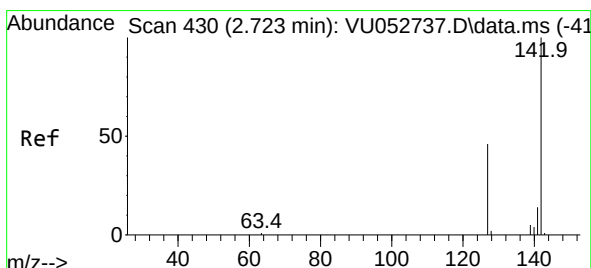
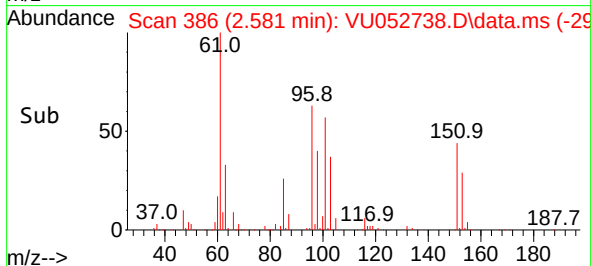
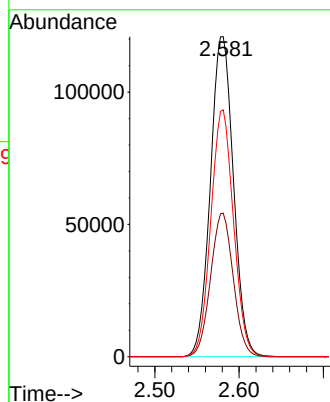
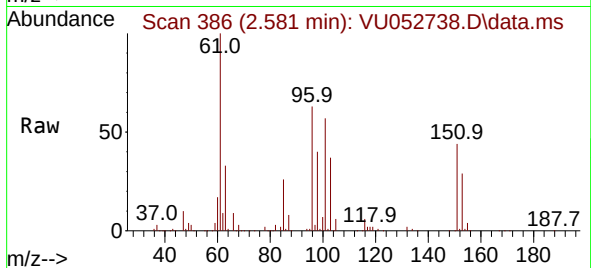
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1,1,2-Trichlorotrifluoroethane
Concen: 90.064 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 23011
Ion Ratio Lower Upper
101 100
85 44.0 35.1 52.7
151 75.9 61.9 92.9

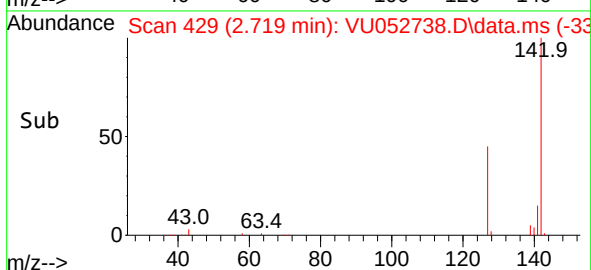
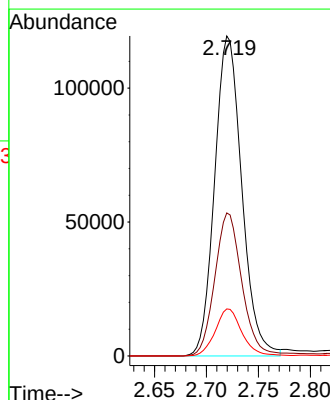
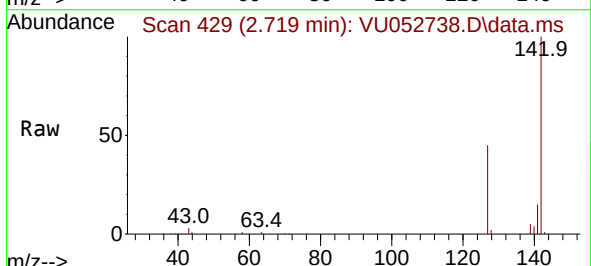
Manual Integrations
APPROVED

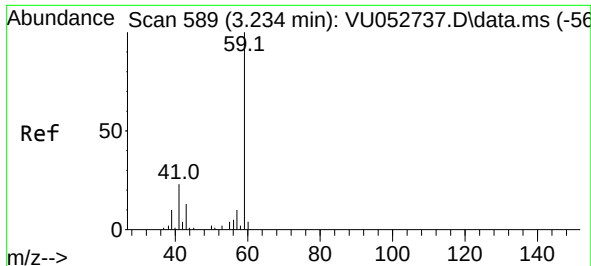
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 84.549 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

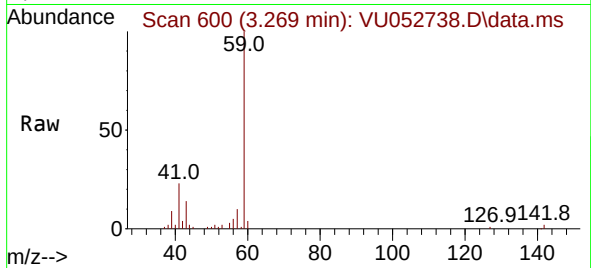
Tgt Ion:142 Resp: 217130
Ion Ratio Lower Upper
142 100
127 45.2 36.3 54.5
141 14.5 11.8 17.6





#11
Tert butyl alcohol
Concen: 406.533 ug/l m
RT: 3.269 min Scan# 60
Delta R.T. 0.035 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

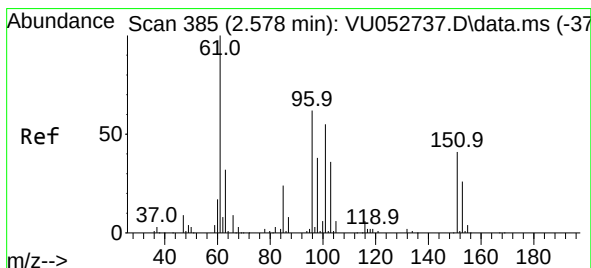
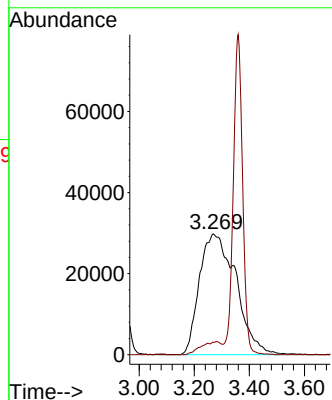
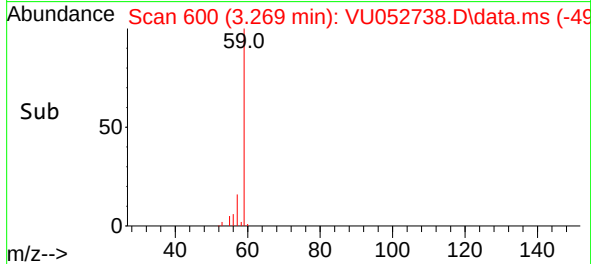
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 27481
Ion Ratio Lower Upper
59 100
57 3.0 3.0 4.6

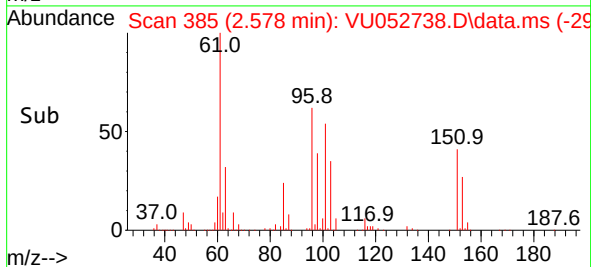
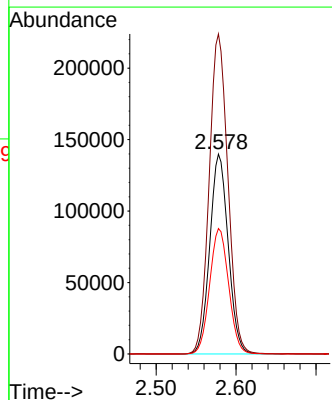
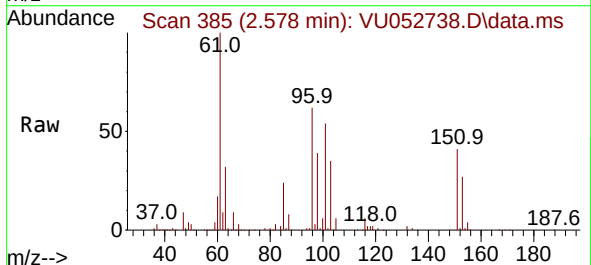
Manual Integrations
APPROVED

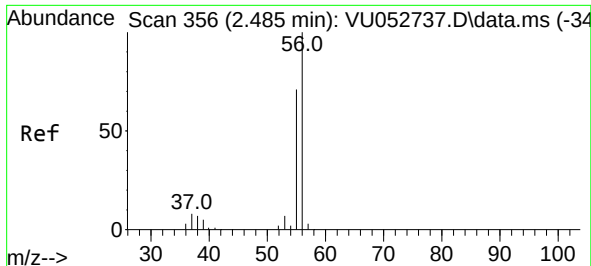
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#12
1,1-Dichloroethene
Concen: 88.951 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

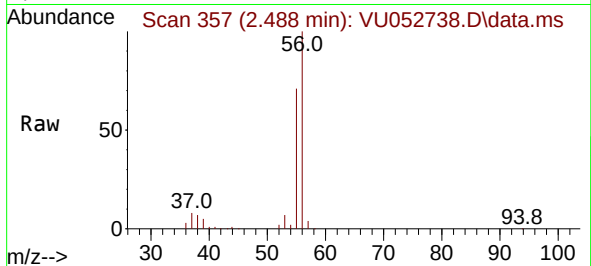
Tgt Ion: 96 Resp: 224009
Ion Ratio Lower Upper
96 100
61 160.1 129.8 194.6
98 62.8 49.9 74.9





#13
Acrolein
Concen: 313.432 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

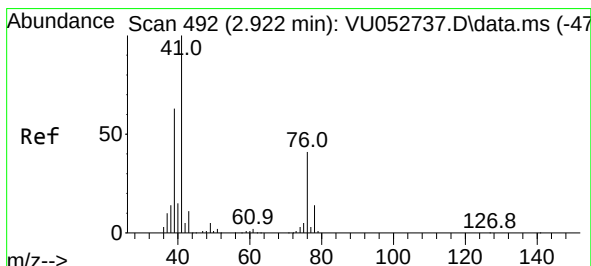
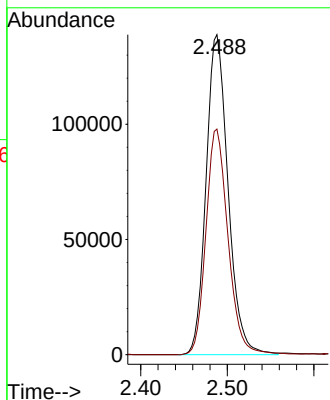
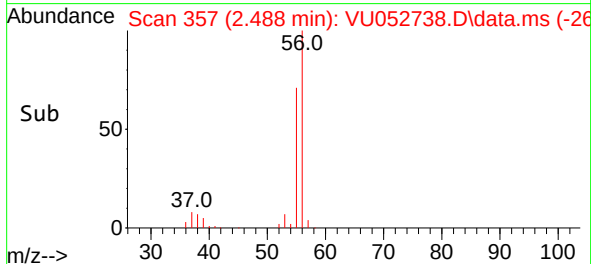
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



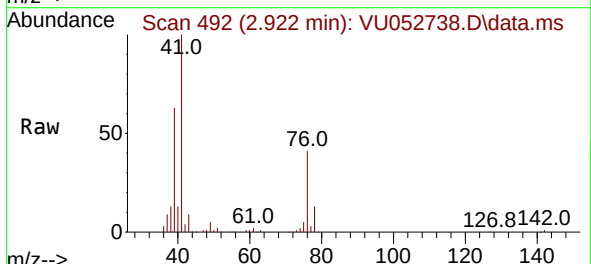
Tgt Ion: 56 Resp: 244928
Ion Ratio Lower Upper
56 100
55 70.9 57.2 85.8

Manual Integrations
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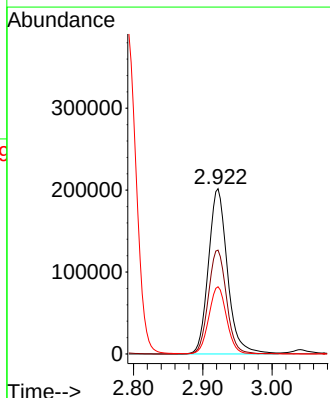
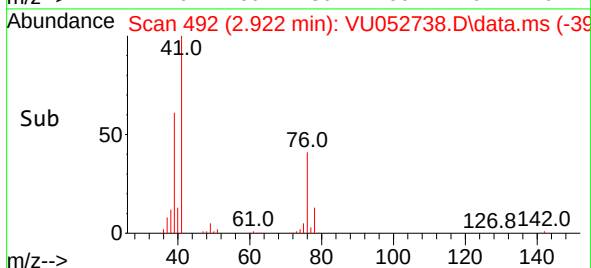
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

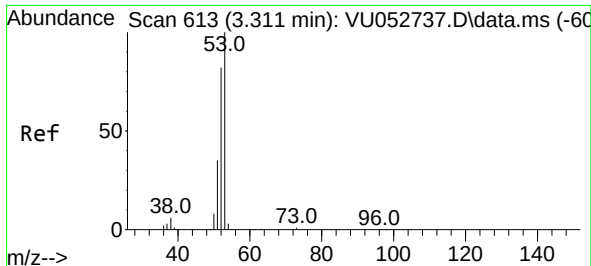


#14
Allyl chloride
Concen: 79.424 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



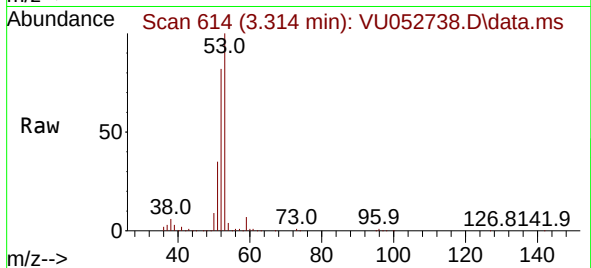
Tgt Ion: 41 Resp: 385521
Ion Ratio Lower Upper
41 100
39 60.2 48.2 72.2
76 37.5 29.4 44.0





#15
Acrylonitrile
Concen: 406.554 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

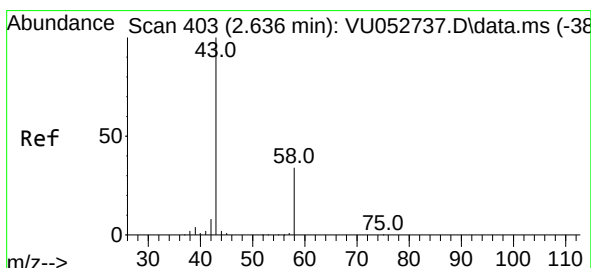
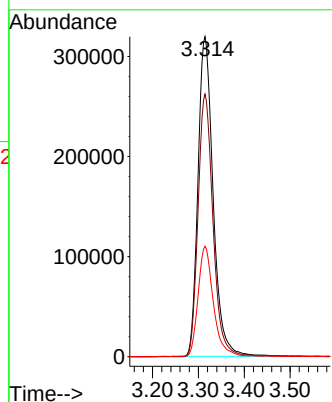
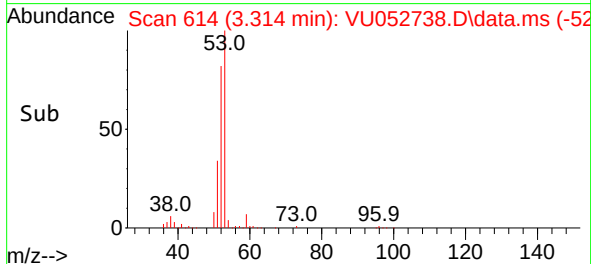
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



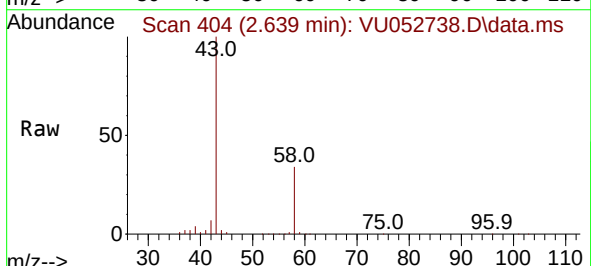
Tgt Ion: 53 Resp: 734383
Ion Ratio Lower Upper
53 100
52 81.2 64.9 97.3
51 34.6 27.6 41.4

Manual Integrations
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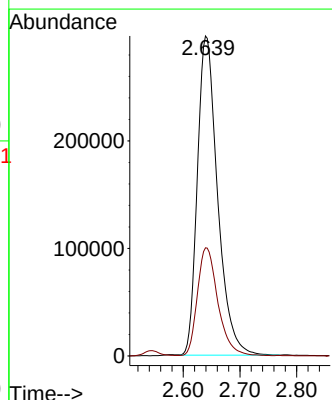
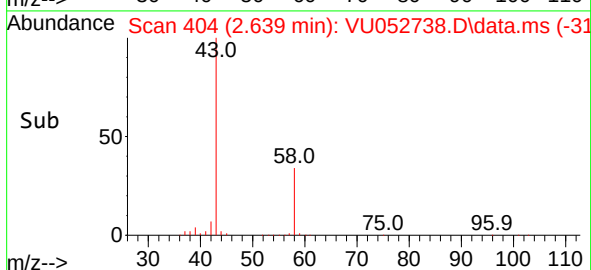
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

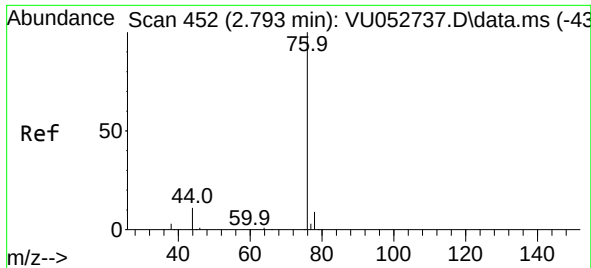


#16
Acetone
Concen: 418.895 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 43 Resp: 734893
Ion Ratio Lower Upper
43 100
58 33.7 27.1 40.7





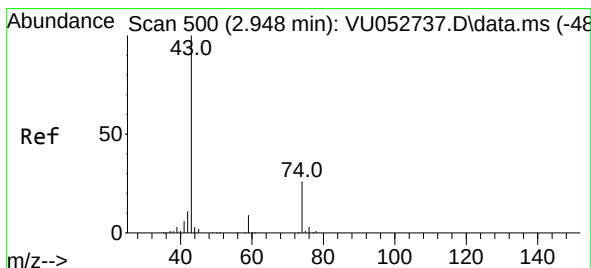
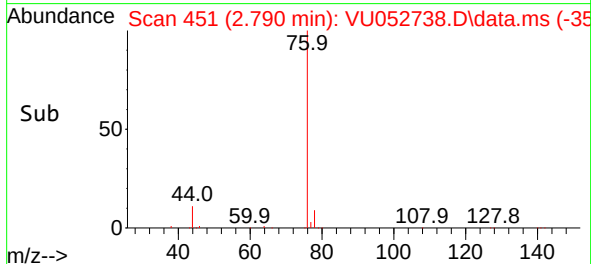
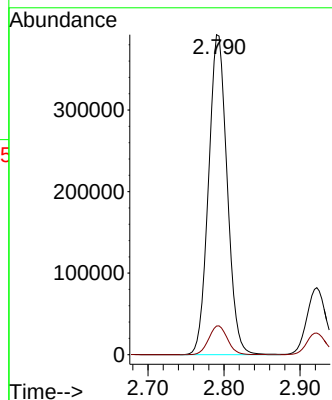
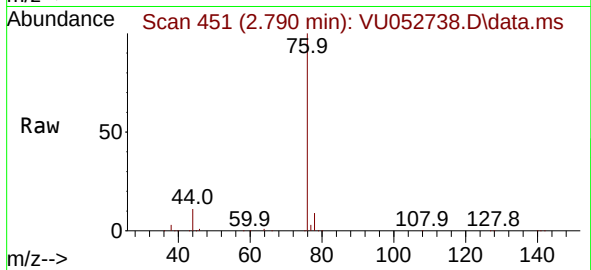
#17
Carbon Disulfide
Concen: 84.225 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 666604
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

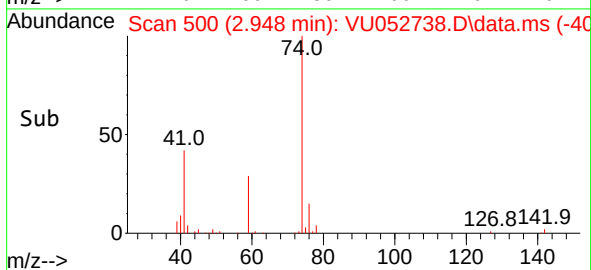
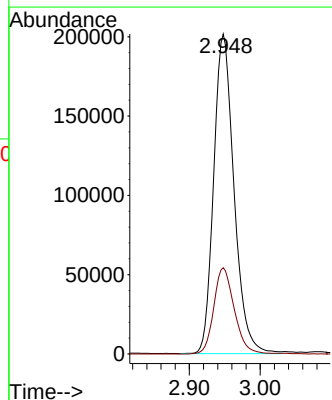
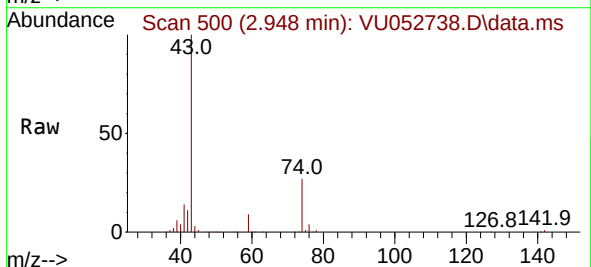
Manual Integrations
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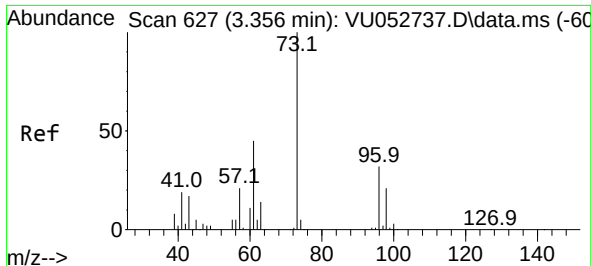
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#18
Methyl Acetate
Concen: 78.885 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion: 43 Resp: 401058
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7





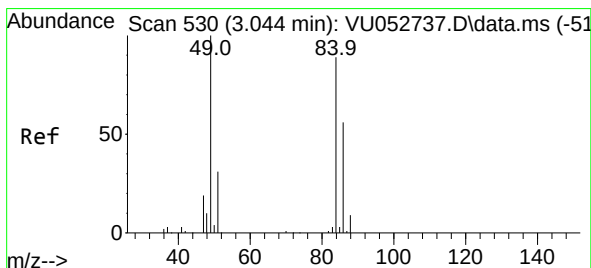
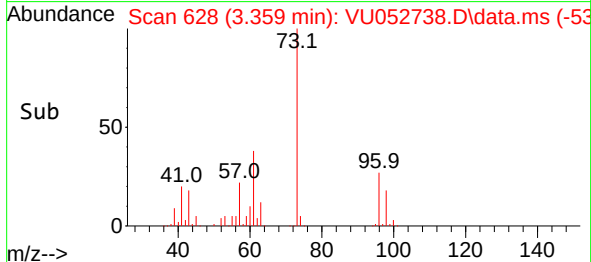
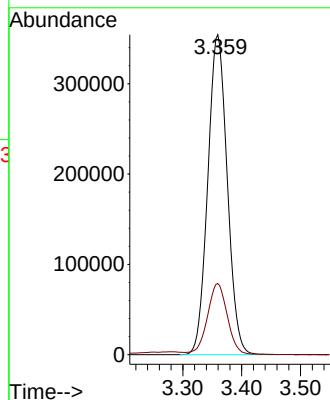
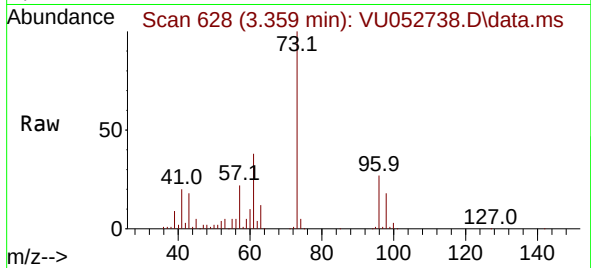
#19
Methyl tert-butyl Ether
Concen: 93.252 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 81352
Ion Ratio Lower Upper
73 100
57 22.2 16.9 25.3

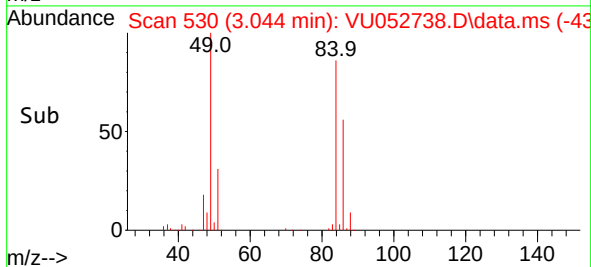
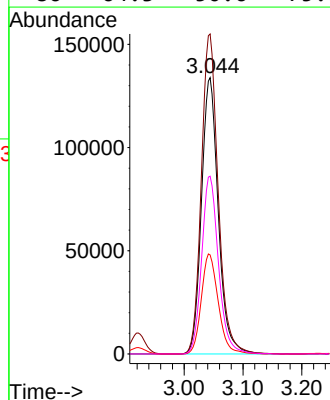
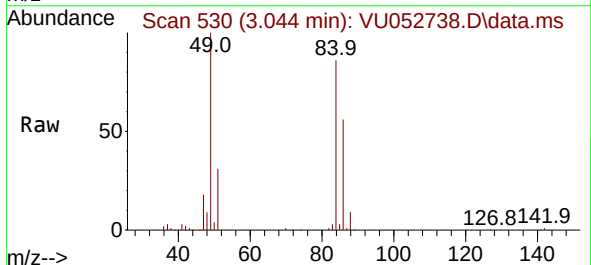
Manual Integrations
APPROVED

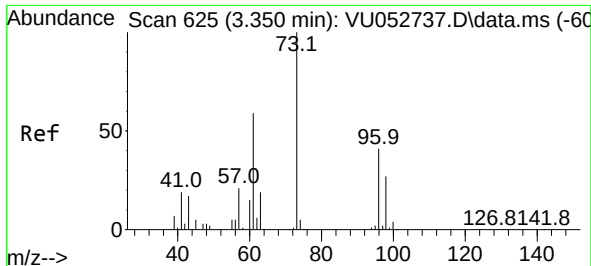
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#20
Methylene Chloride
Concen: 71.235 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

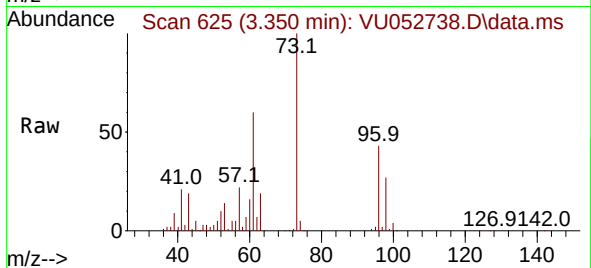
Tgt Ion: 84 Resp: 265546
Ion Ratio Lower Upper
84 100
49 115.8 90.2 135.4
51 35.8 28.1 42.1
86 64.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 91.060 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

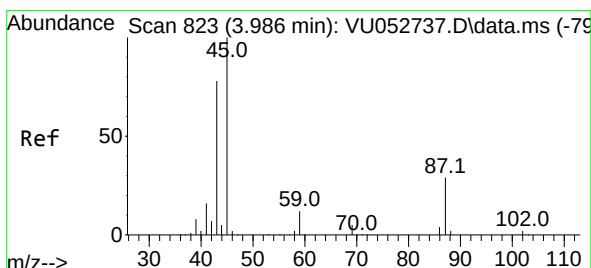
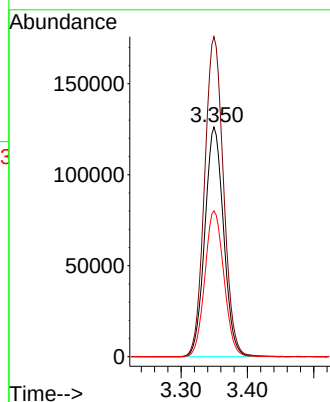
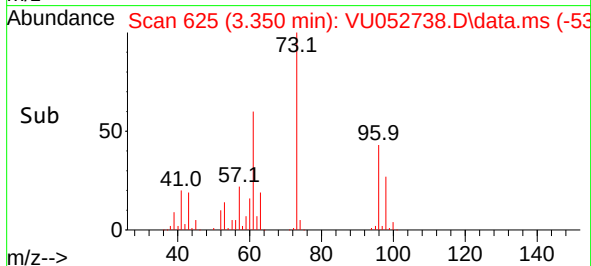
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



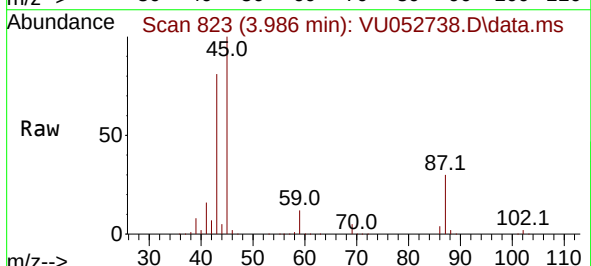
Tgt Ion: 96 Resp: 248448
Ion Ratio Lower Upper
96 100
61 139.3 114.7 172.1
98 63.5 52.4 78.6

Manual Integrations
APPROVED

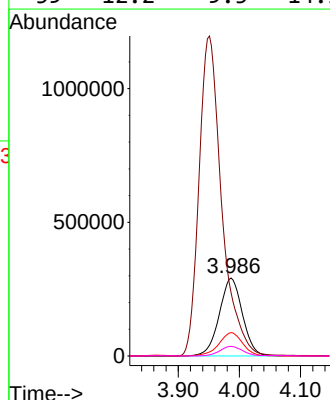
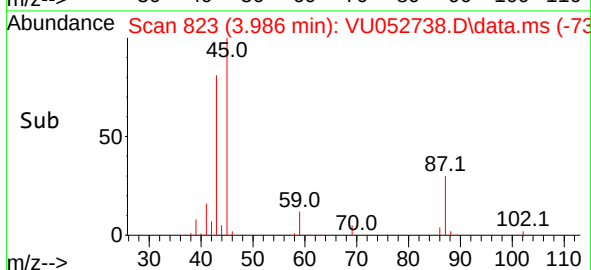
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

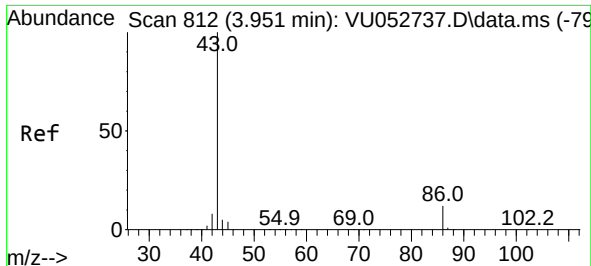


#22
Diisopropyl ether
Concen: 81.707 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 45 Resp: 765548
Ion Ratio Lower Upper
45 100
43 80.8 64.6 97.0
87 30.0 23.2 34.8
59 12.2 9.5 14.3





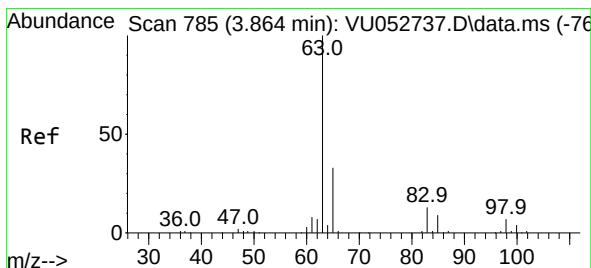
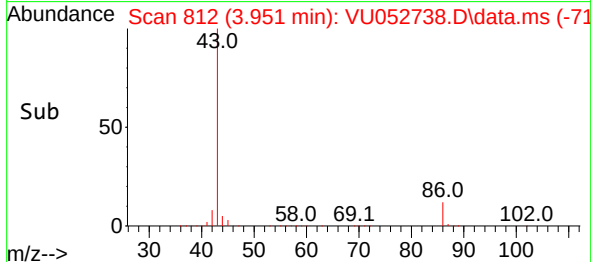
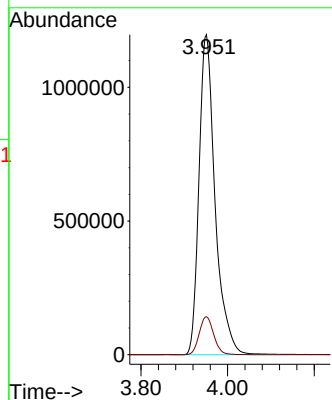
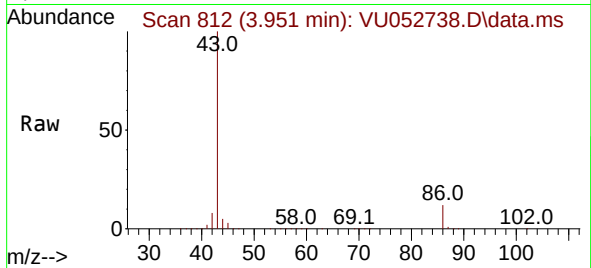
#23
 Vinyl Acetate
 Concen: 424.037 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052738.D
 Acq: 19 Jan 2023 14:35

Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC100

Tgt Ion: 43 Resp: 308994
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0

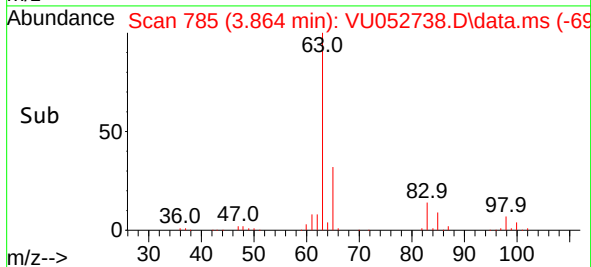
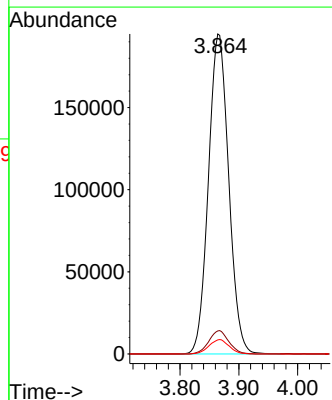
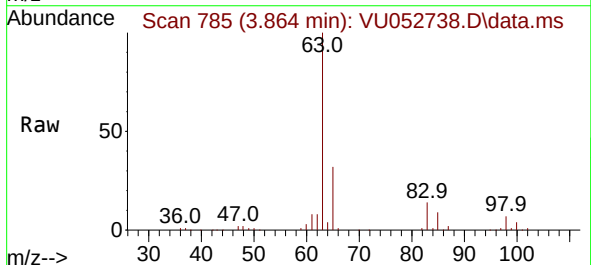
Manual Integrations
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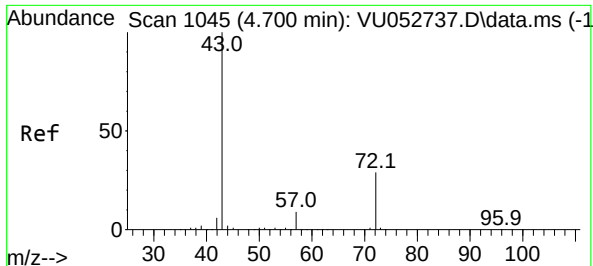
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#24
 1,1-Dichloroethane
 Concen: 83.708 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052738.D
 Acq: 19 Jan 2023 14:35

Tgt Ion: 63 Resp: 466083
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 416.049 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 99798

Ion Ratio Lower Upper

43 100

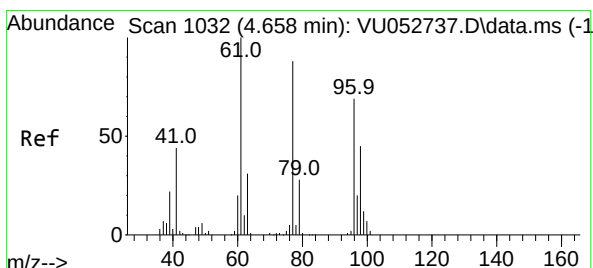
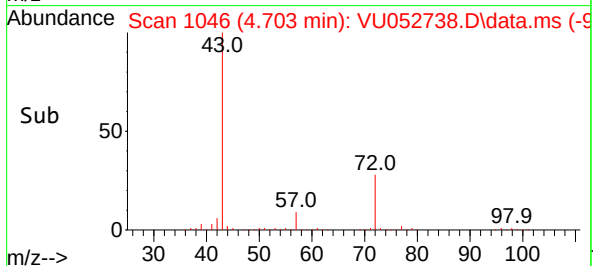
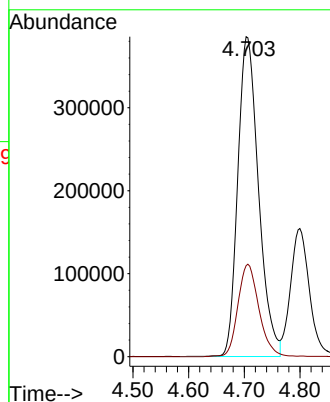
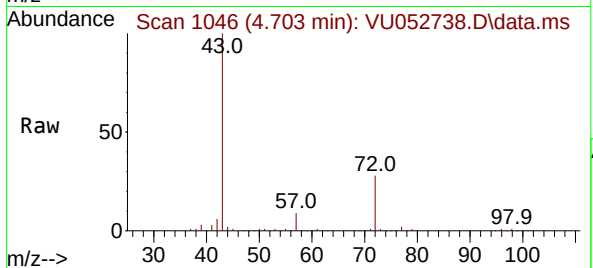
72 28.5 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#26

2,2-Dichloropropane

Concen: 90.449 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052738.D

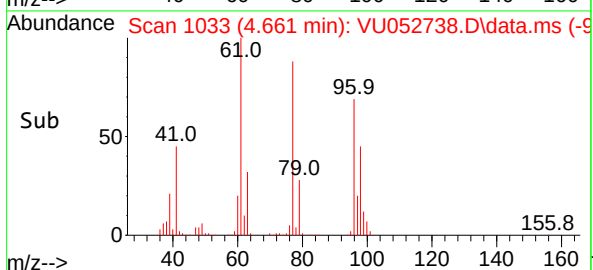
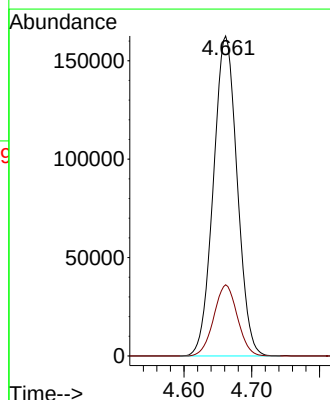
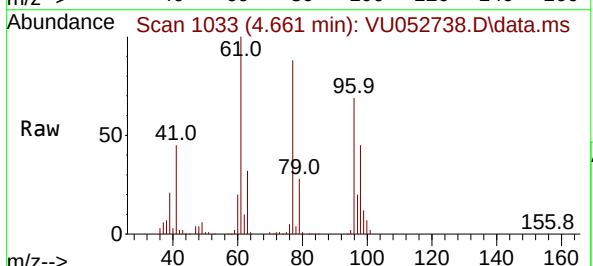
Acq: 19 Jan 2023 14:35

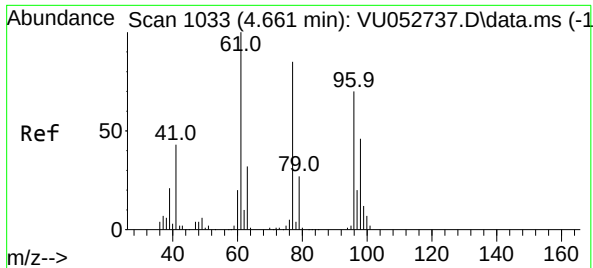
Tgt Ion: 77 Resp: 396222

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 89.880 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 28125

Ion Ratio Lower Upper

96 100

61 146.4 0.0 287.2

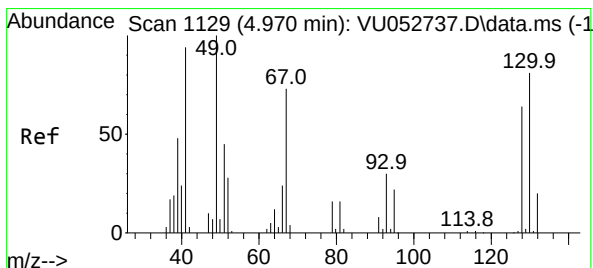
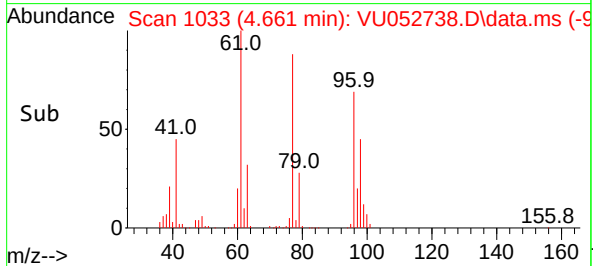
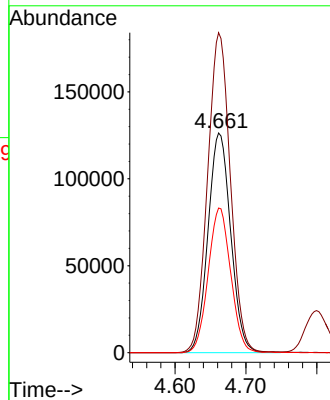
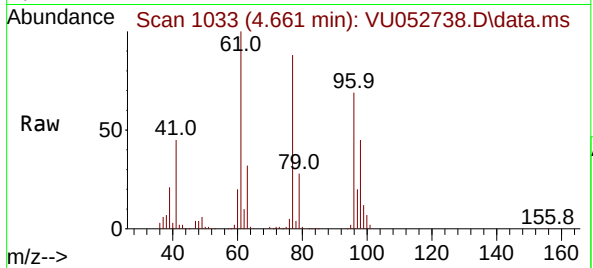
98 65.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#28

Bromochloromethane

Concen: 76.063 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

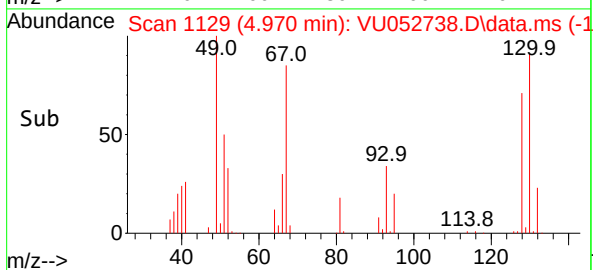
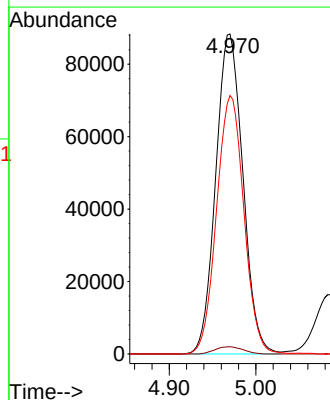
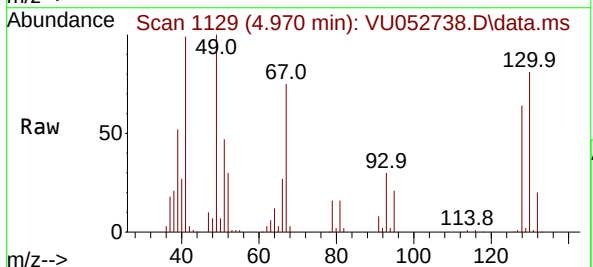
Tgt Ion: 49 Resp: 192464

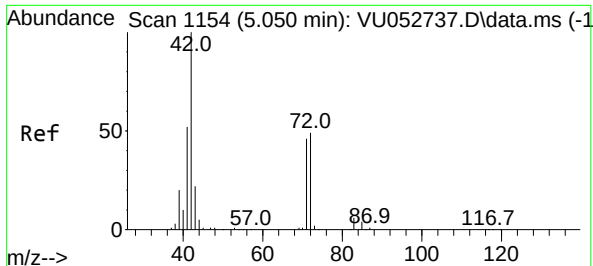
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 81.1 65.5 98.3





#29

Tetrahydrofuran

Concen: 405.216 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 58722

Ion Ratio Lower Upper

42 100

72 50.0 40.5 60.7

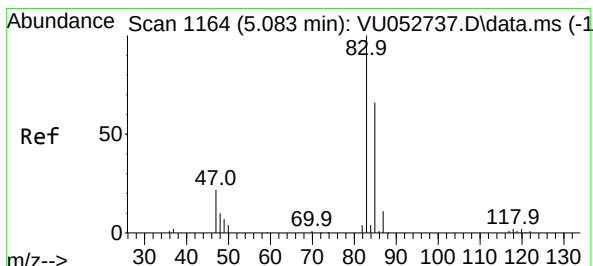
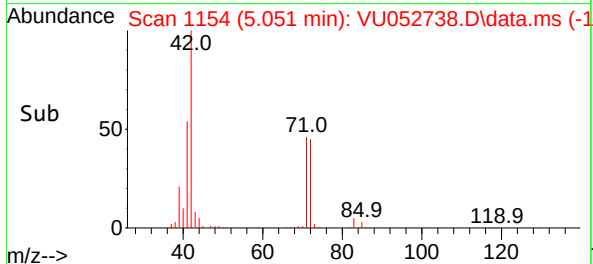
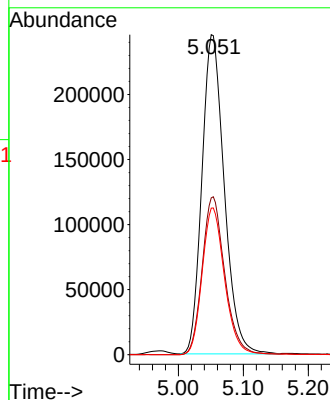
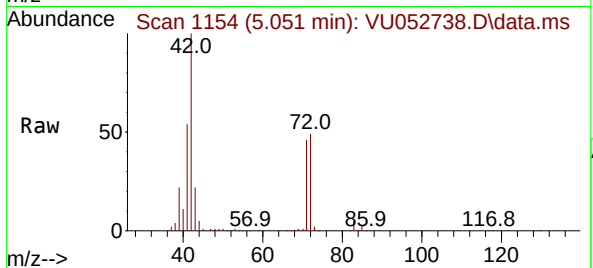
71 46.4 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Chloroform

Concen: 82.368 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052738.D

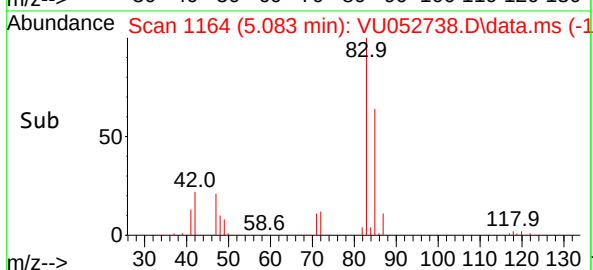
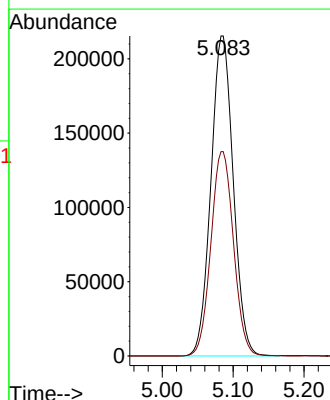
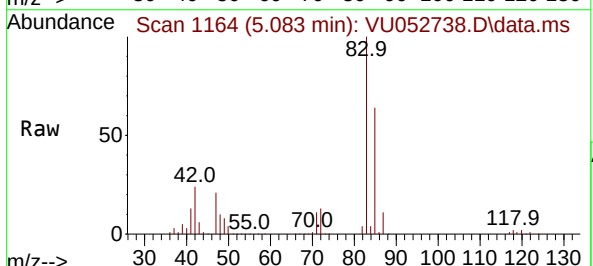
Acq: 19 Jan 2023 14:35

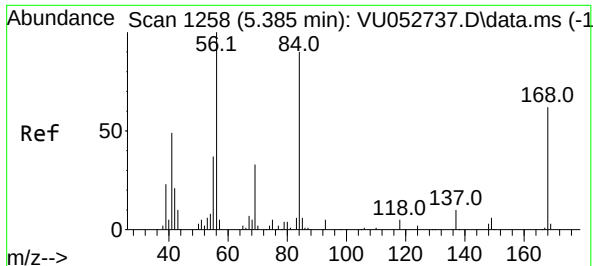
Tgt Ion: 83 Resp: 471616

Ion Ratio Lower Upper

83 100

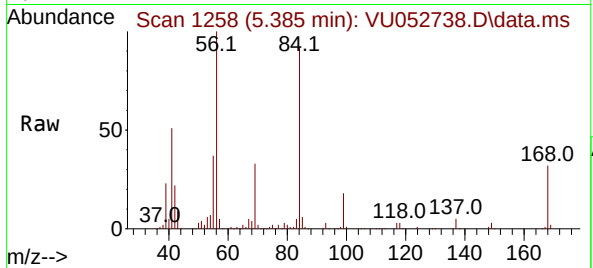
85 63.9 52.6 79.0





#31
Cyclohexane
Concen: 80.869 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

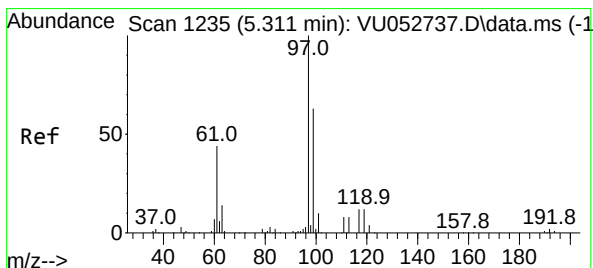
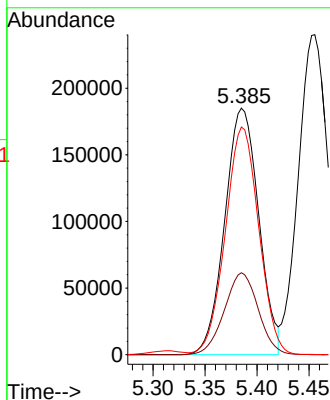
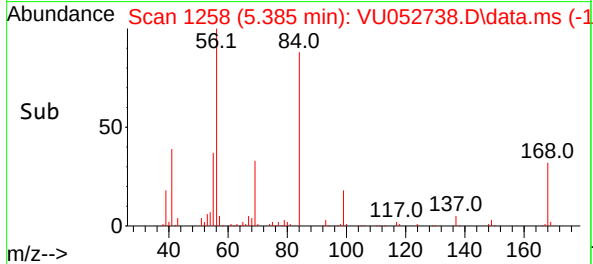
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



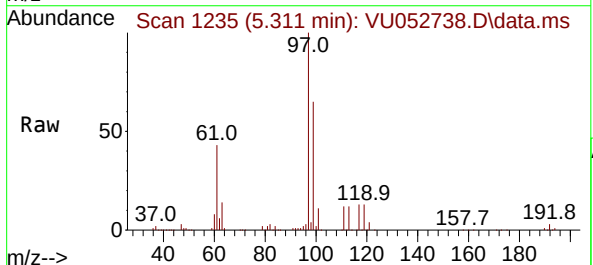
Tgt Ion: 56 Resp: 42045
Ion Ratio Lower Upper
56 100
69 33.2 26.2 39.2
84 91.2 72.2 108.4

Manual Integrations
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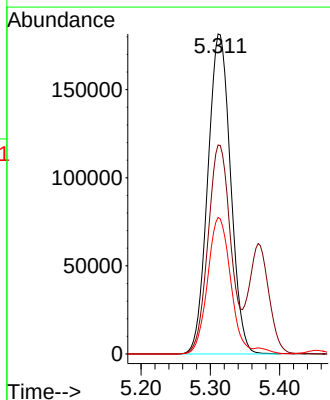
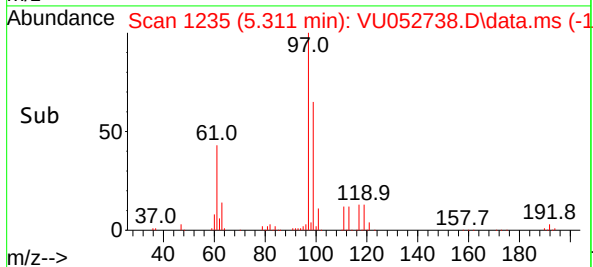
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

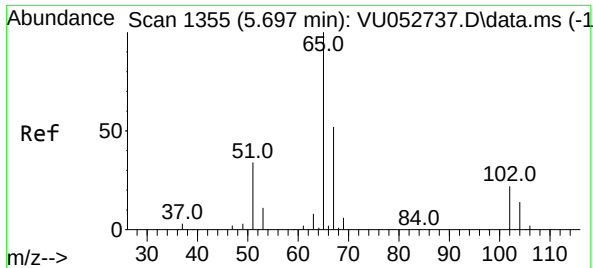


#32
1,1,1-Trichloroethane
Concen: 91.903 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 97 Resp: 414628
Ion Ratio Lower Upper
97 100
99 65.4 50.5 75.7
61 43.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 85.835 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 29649

Ion Ratio Lower Upper

65 100

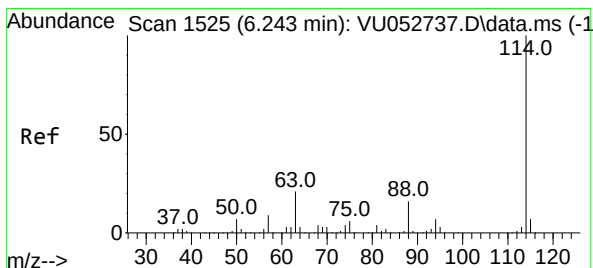
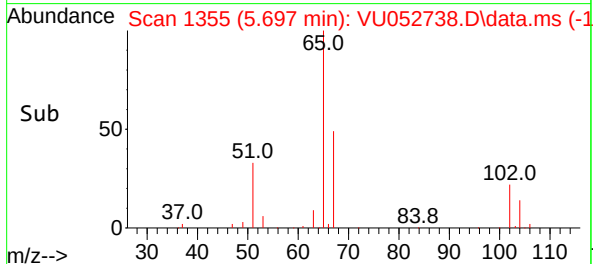
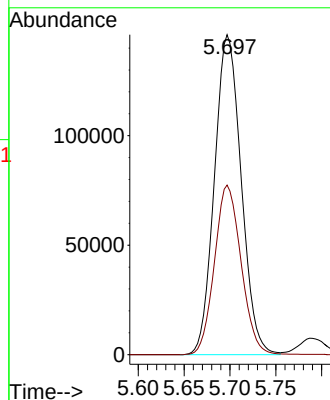
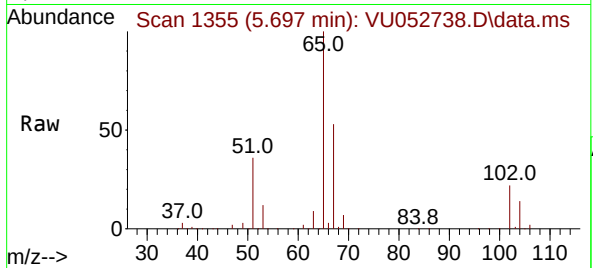
67 52.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.003 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

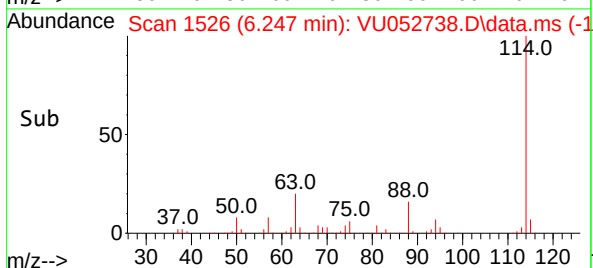
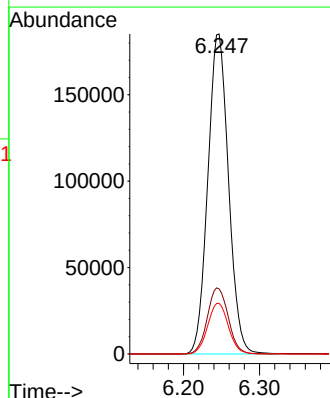
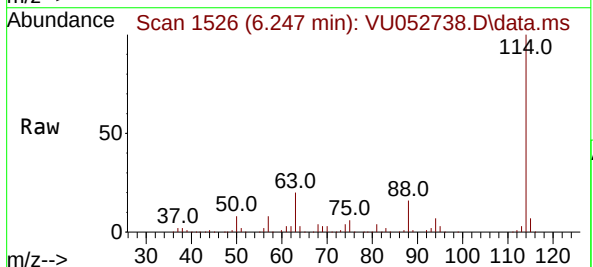
Tgt Ion:114 Resp: 349494

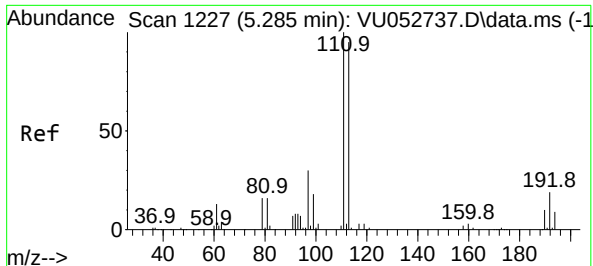
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

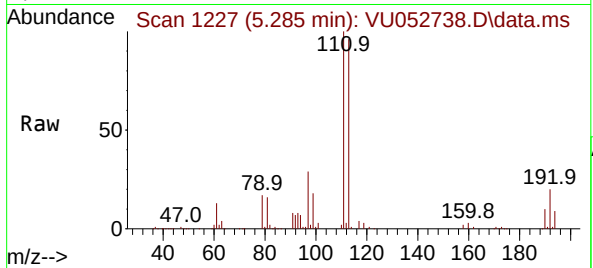
88 15.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 96.815 ug/l
RT: 5.285 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

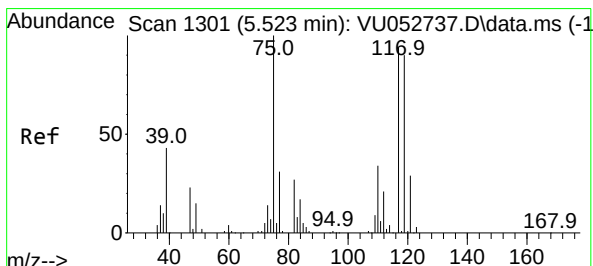
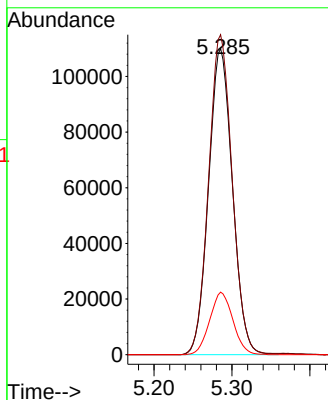
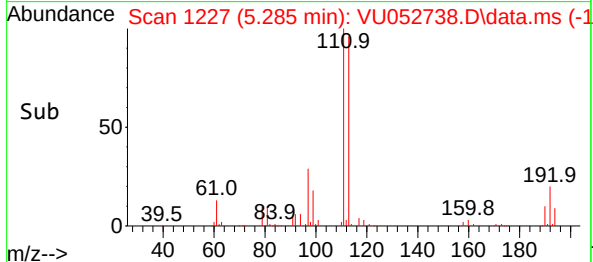
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



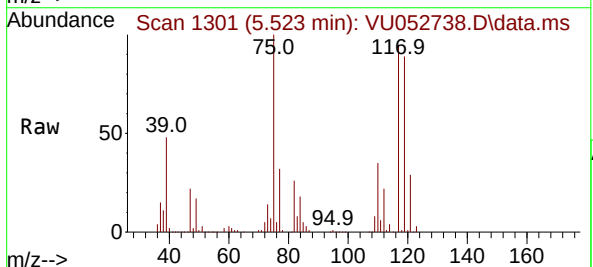
Tgt Ion:113 Resp: 233864
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 19.9 15.7 23.5

Manual Integrations
APPROVED

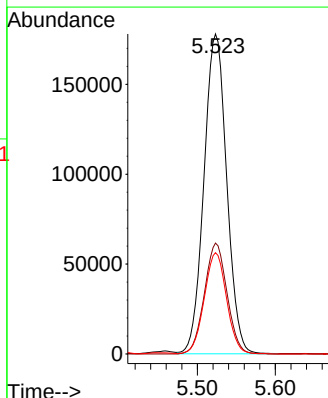
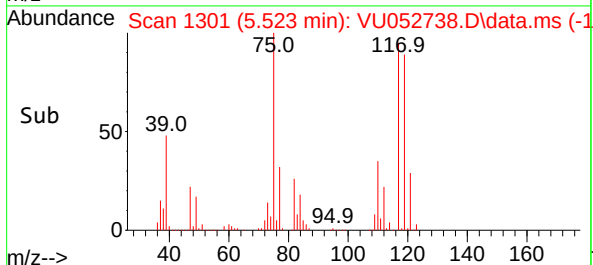
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

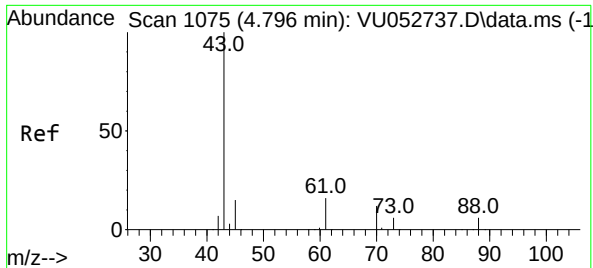


#36
1,1-Dichloropropene
Concen: 96.882 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 75 Resp: 360731
Ion Ratio Lower Upper
75 100
110 34.5 17.1 51.2
77 31.2 25.0 37.4





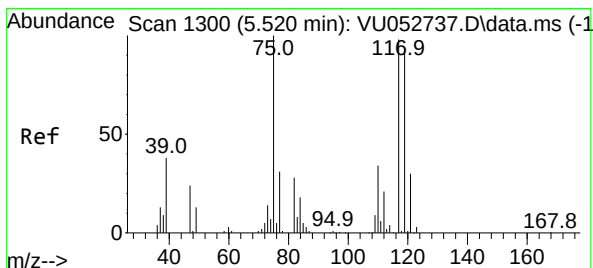
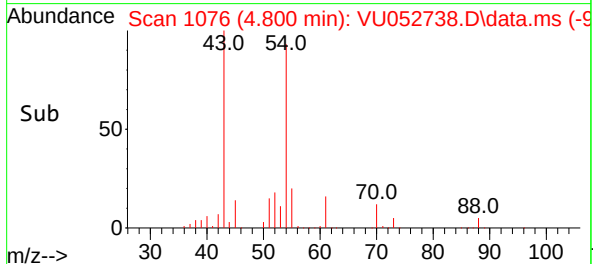
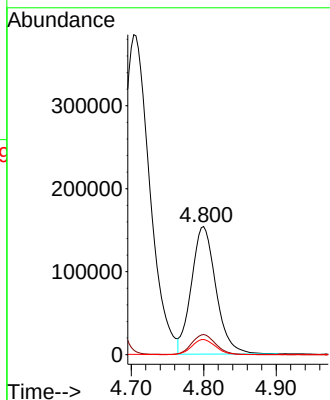
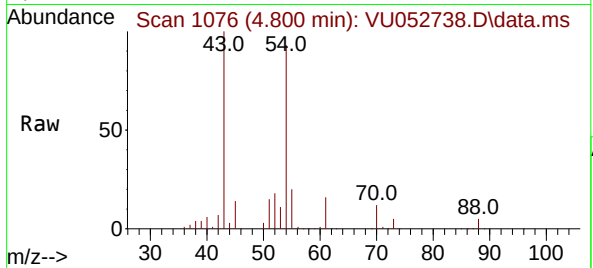
#37
Ethyl Acetate
Concen: 77.051 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 361100
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.4
70 11.6 8.9 13.3

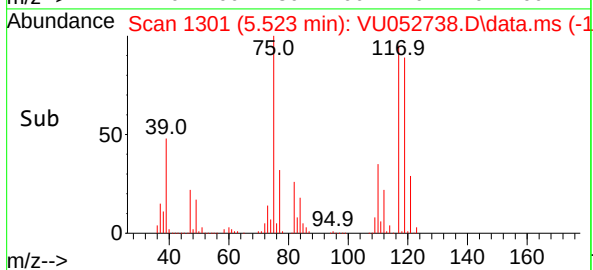
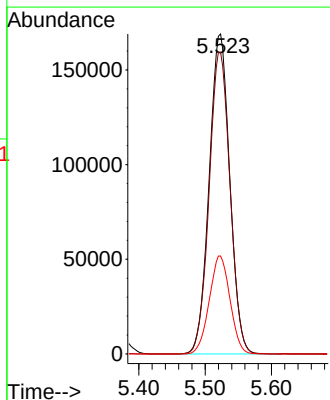
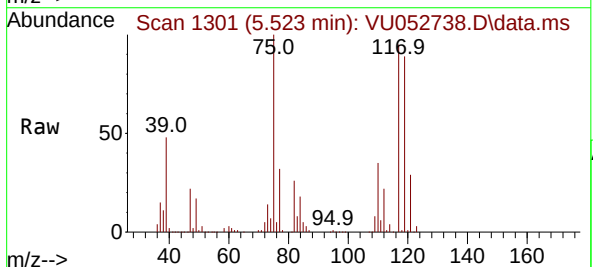
Manual Integrations
APPROVED

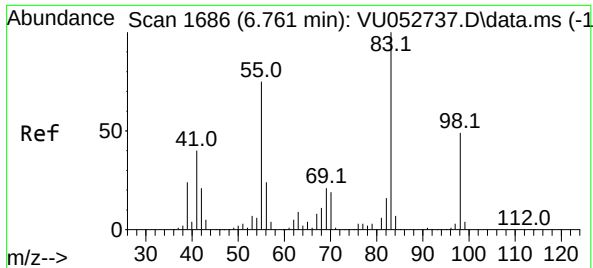
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#38
Carbon Tetrachloride
Concen: 103.709 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

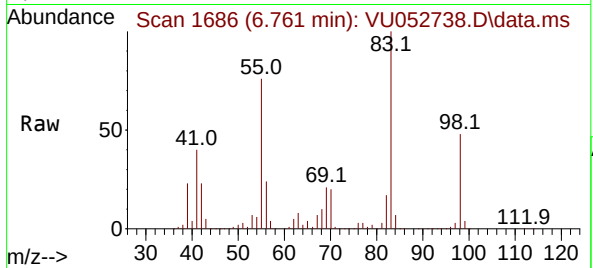
Tgt Ion:117 Resp: 364623
Ion Ratio Lower Upper
117 100
119 94.2 75.6 113.4
121 30.6 24.2 36.4





#39
Methylcyclohexane
Concen: 104.683 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

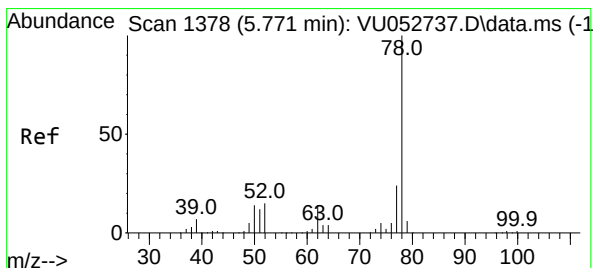
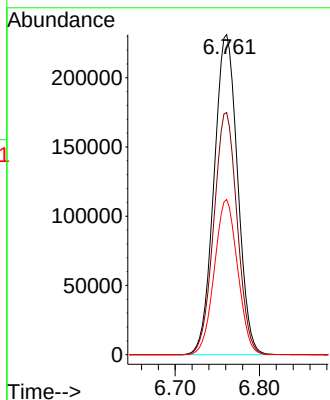
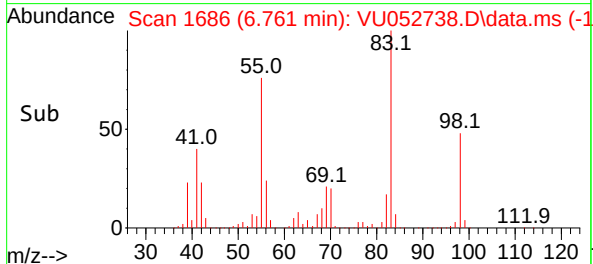
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100



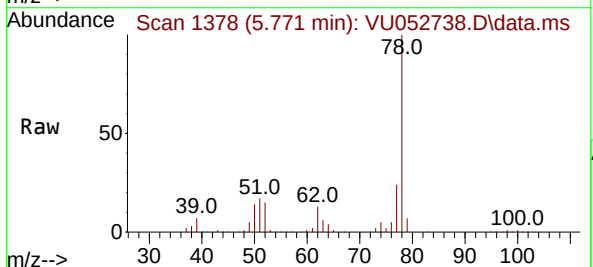
Tgt Ion: 83 Resp: 448629
Ion Ratio Lower Upper
83 100
55 75.6 60.4 90.6
98 48.5 38.9 58.3

Manual Integrations
APPROVED

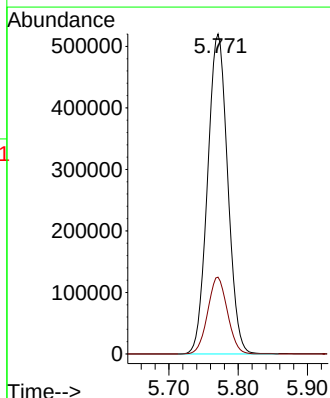
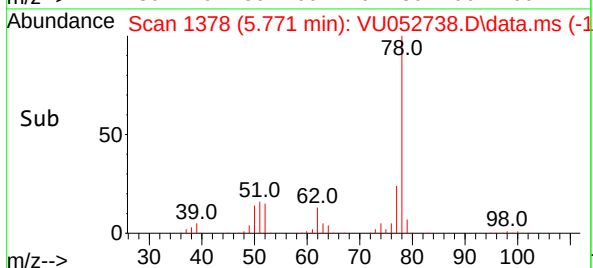
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

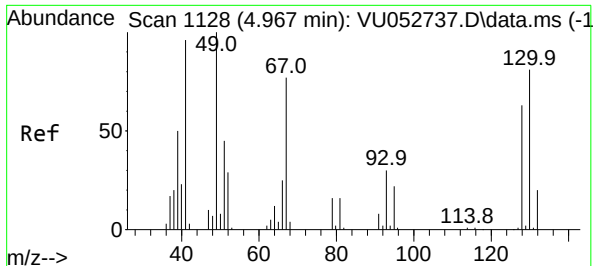


#40
Benzene
Concen: 94.883 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



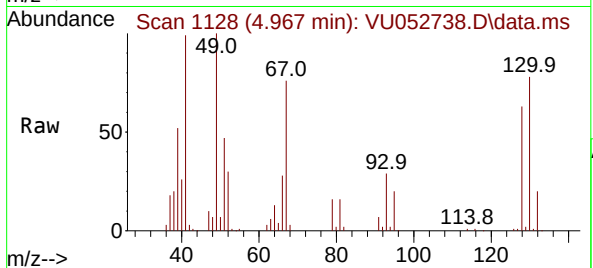
Tgt Ion: 78 Resp: 1047917
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#41
Methacrylonitrile
Concen: 90.626 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

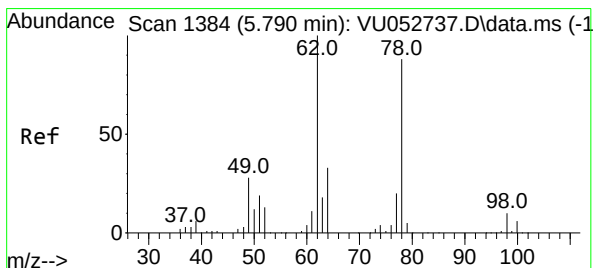
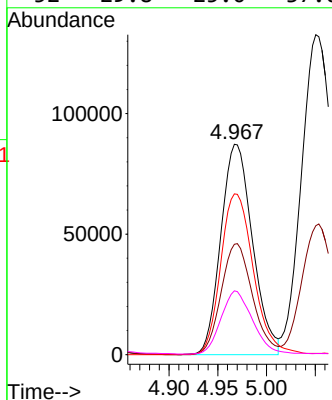
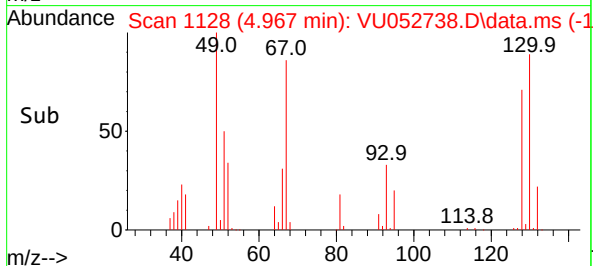
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100



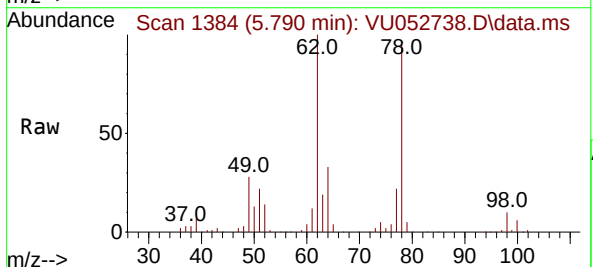
Tgt Ion: 41 Resp: 19783
Ion Ratio Lower Upper
41 100
39 52.2 42.2 63.2
67 79.0 65.0 97.6
52 29.8 25.0 37.6

Manual Integrations
APPROVED

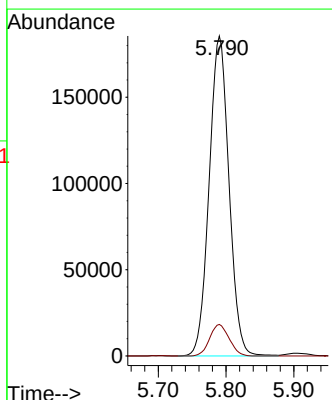
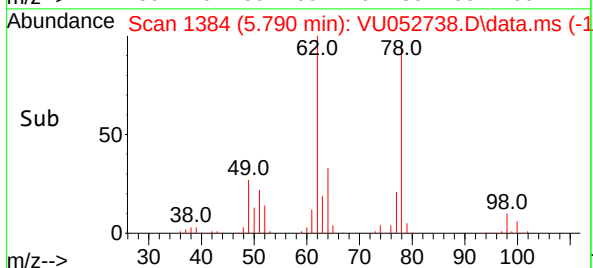
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

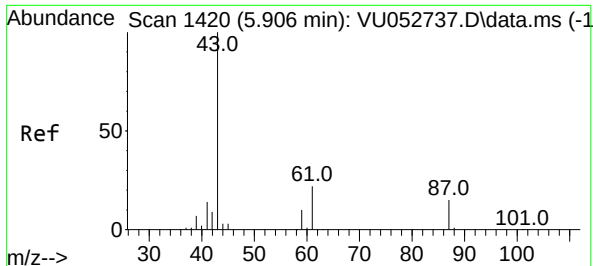


#42
1,2-Dichloroethane
Concen: 94.655 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 62 Resp: 376928
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0





#43

Isopropyl Acetate

Concen: 91.978 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

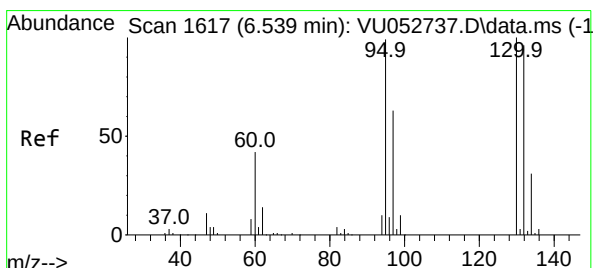
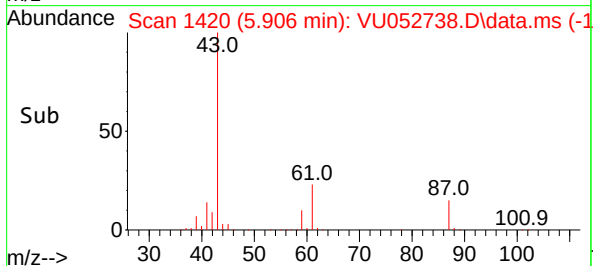
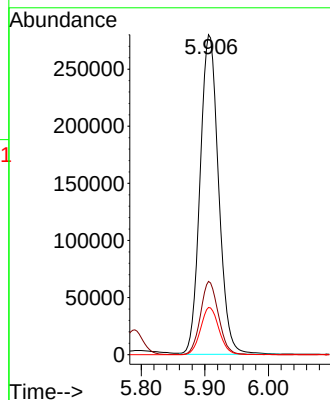
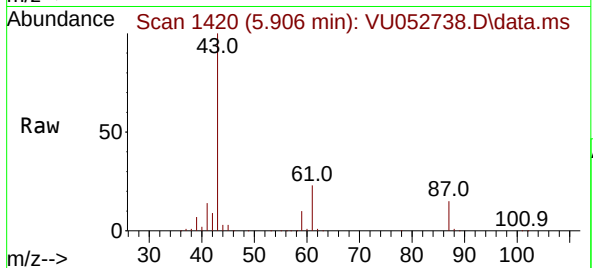
Tgt Ion: 43	Resp: 56416
Ion Ratio	Lower Upper
43	100
61	22.3 18.1 27.1
87	14.7 11.7 17.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#44

Trichloroethene

Concen: 101.351 ug/l

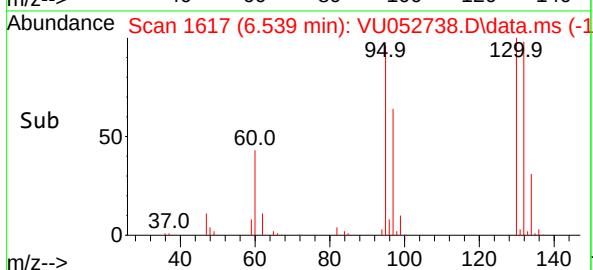
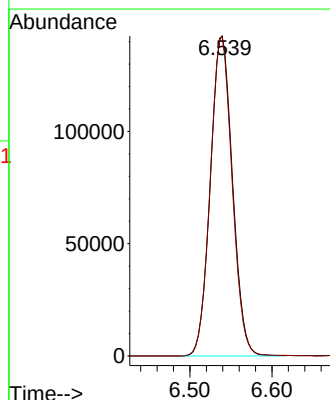
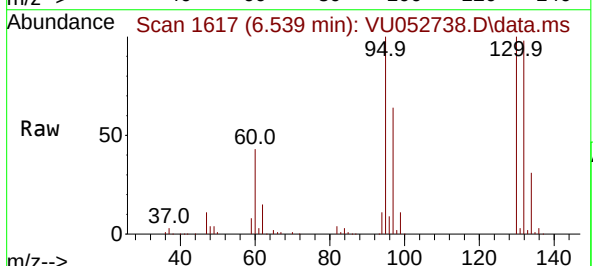
RT: 6.539 min Scan# 1617

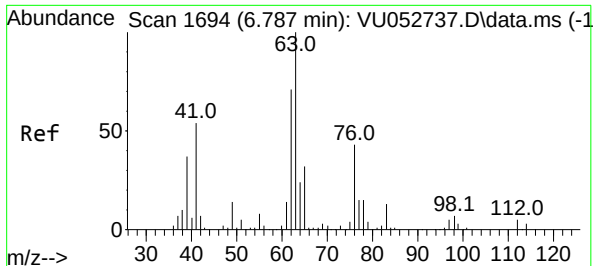
Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Tgt Ion:130	Resp: 266775
Ion Ratio	Lower Upper
130	100
95	99.9 0.0 198.2





#45

1,2-Dichloropropane

Concen: 89.736 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 27147

Ion Ratio Lower Upper

63 100

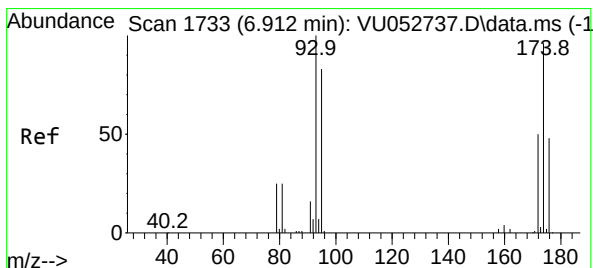
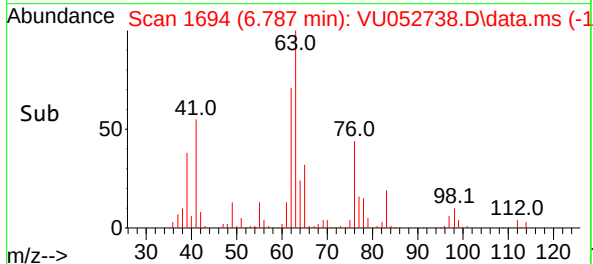
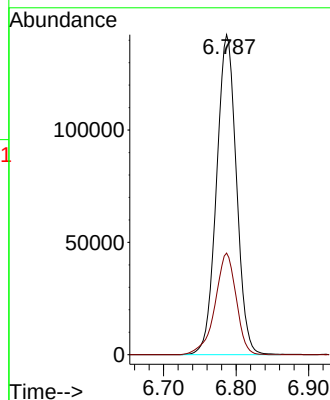
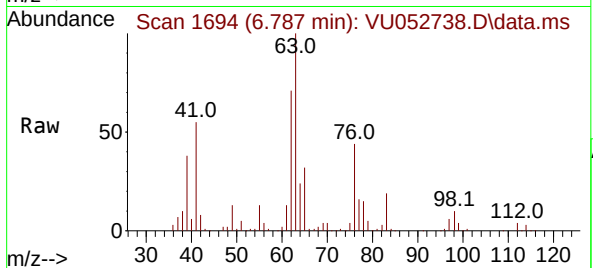
65 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 95.847 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

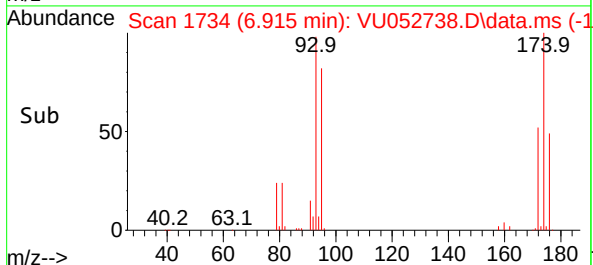
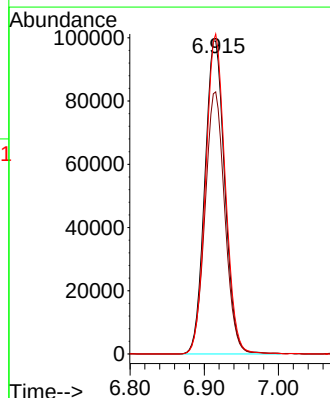
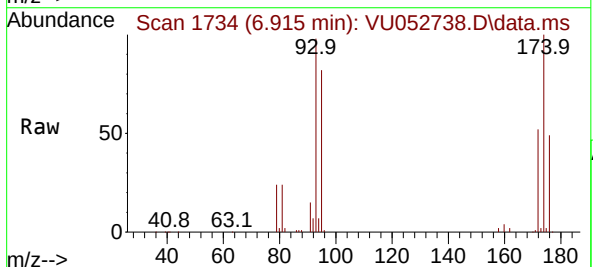
Tgt Ion: 93 Resp: 184996

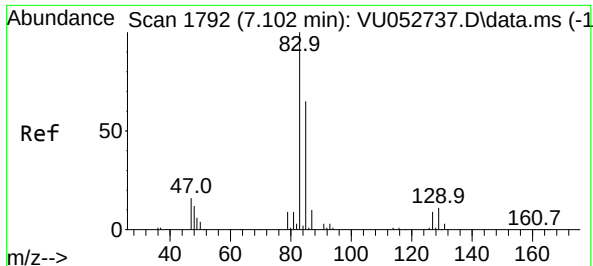
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

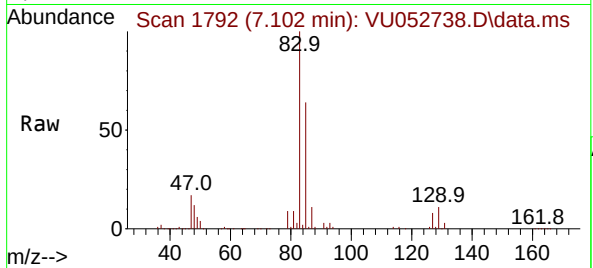
174 100.1 78.6 117.8





#47
Bromodichloromethane
Concen: 95.744 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

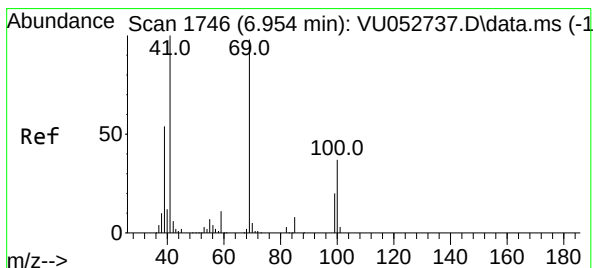
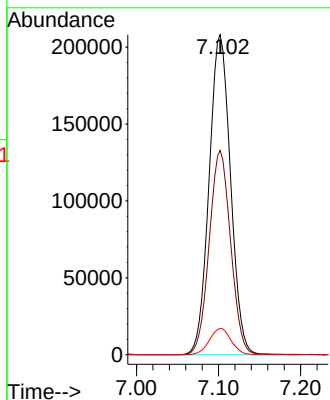
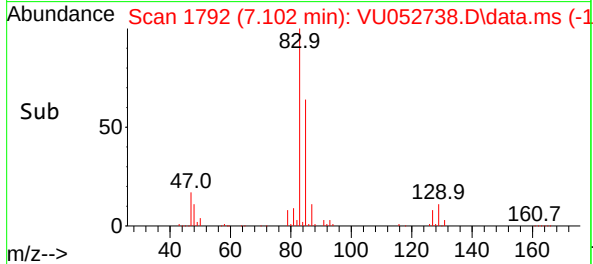
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



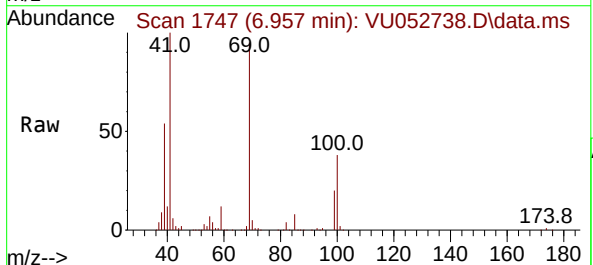
Tgt Ion: 83 Resp: 37757
Ion Ratio Lower Upper
83 100
85 63.9 51.6 77.4
127 8.2 6.9 10.3

Manual Integrations
APPROVED

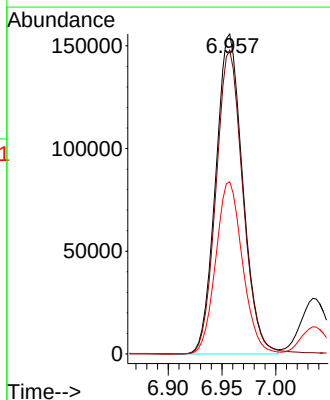
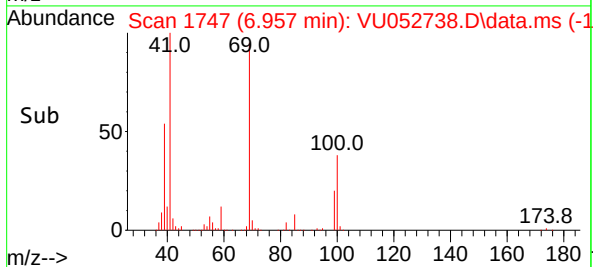
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

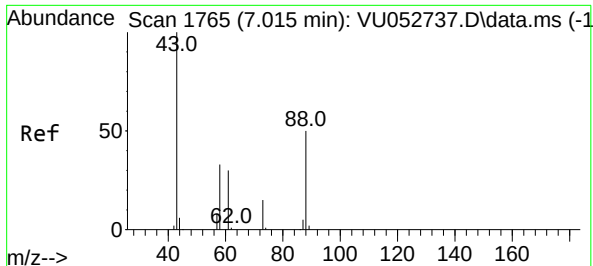


#48
Methyl methacrylate
Concen: 95.546 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 41 Resp: 272768
Ion Ratio Lower Upper
41 100
69 94.6 77.2 115.8
39 53.1 42.9 64.3





#49

1,4-Dioxane

Concen: 1781.338 ug/l

RT: 7.028 min Scan# 1765

Delta R.T. 0.013 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

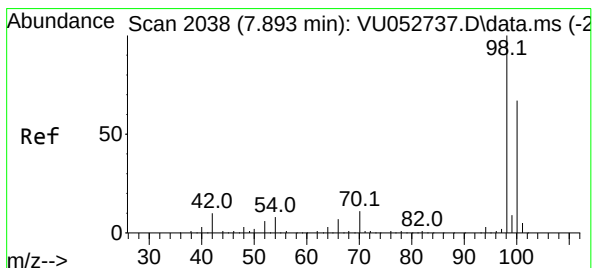
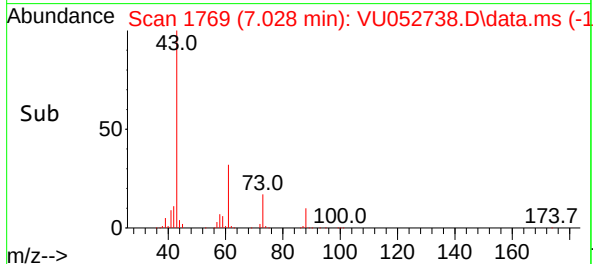
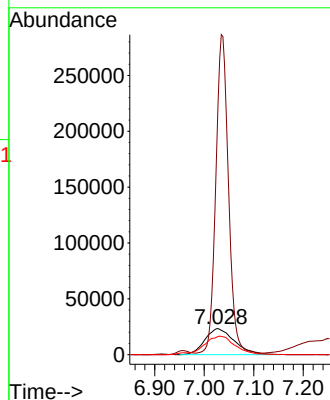
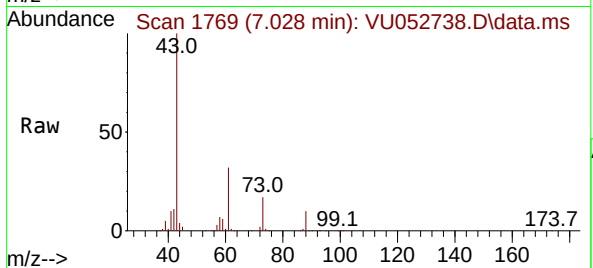
Tgt Ion: 88 Resp: 9688
 Ion Ratio Lower Upper
 88 100
 43 520.0 374.7 562.1
 58 70.6 59.2 88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 96.601 ug/l

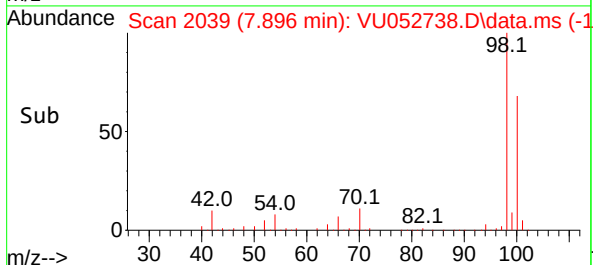
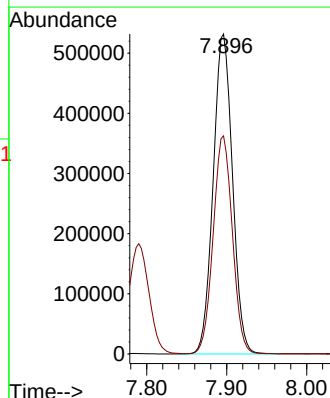
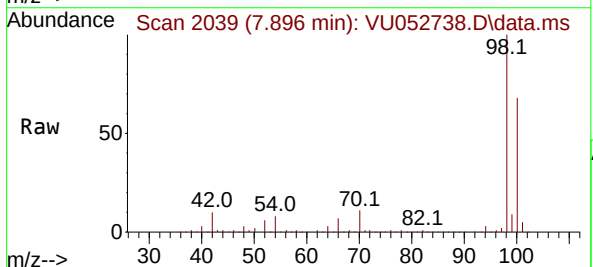
RT: 7.896 min Scan# 2039

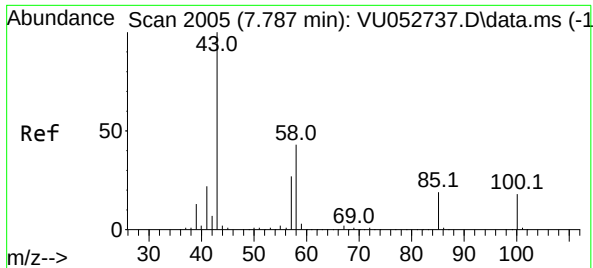
Delta R.T. 0.003 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Tgt Ion: 98 Resp: 890961
 Ion Ratio Lower Upper
 98 100
 100 67.8 53.7 80.5





#51
4-Methyl-2-Pentanone
Concen: 455.051 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

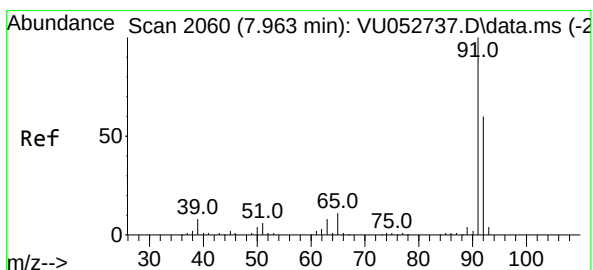
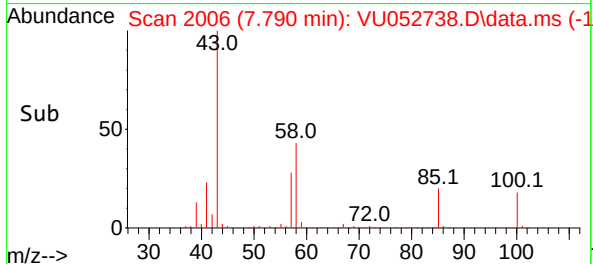
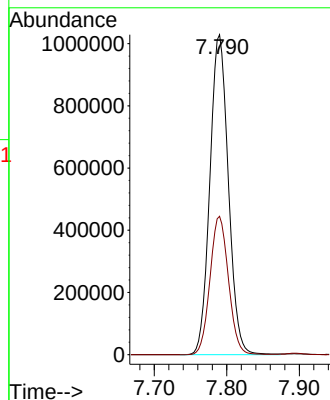
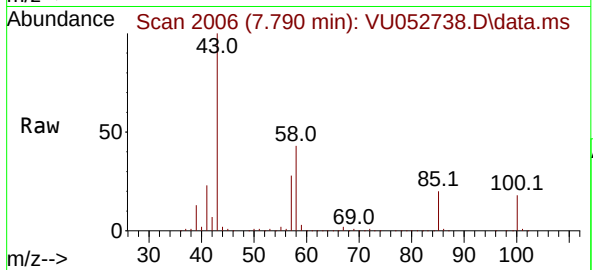
Tgt Ion: 43 Resp: 181913
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0

Manual Integrations

APPROVED

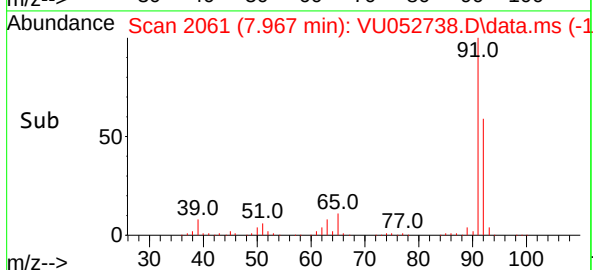
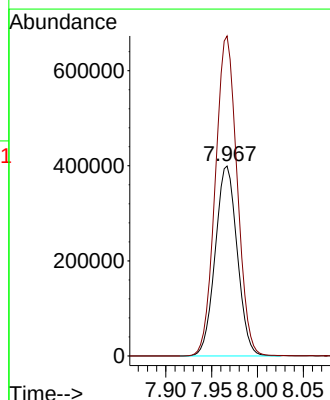
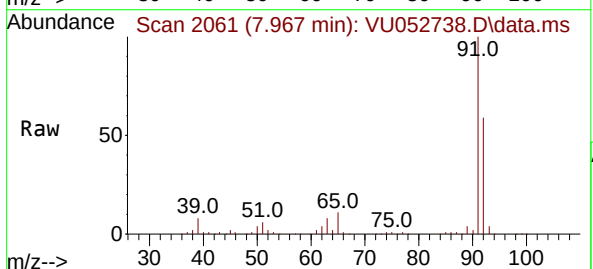
Reviewed By :John Carlone 01/20/2023

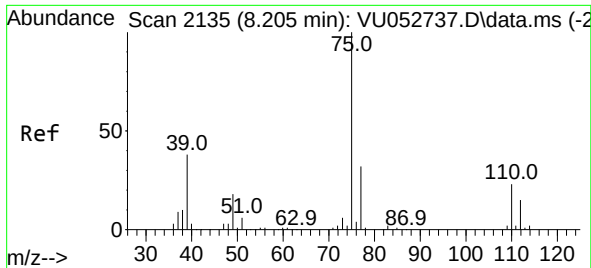
Supervised By :Mahesh Dadoda 01/20/2023



#52
Toluene
Concen: 102.146 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion: 92 Resp: 665922
Ion Ratio Lower Upper
92 100
91 167.5 134.9 202.3





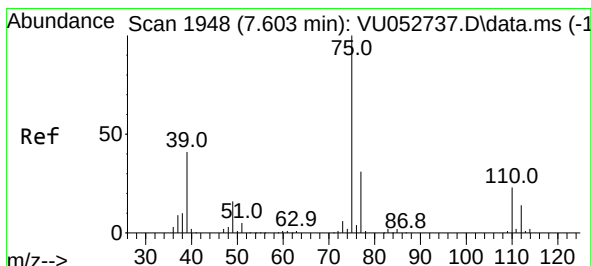
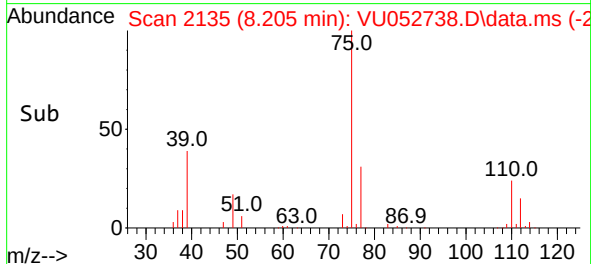
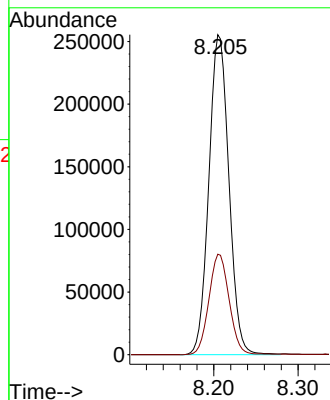
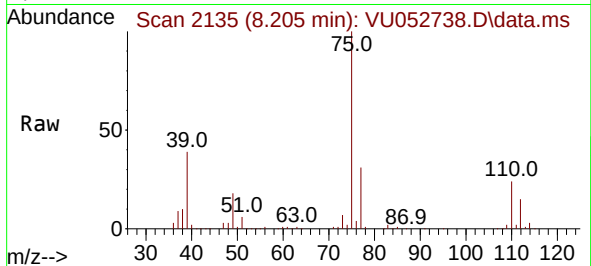
#53
 t-1,3-Dichloropropene
 Concen: 101.578 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: VU052738.D
 Acq: 19 Jan 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 422159
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8

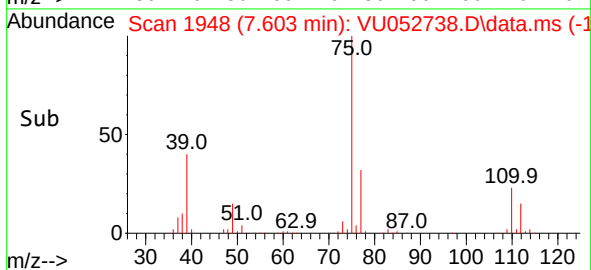
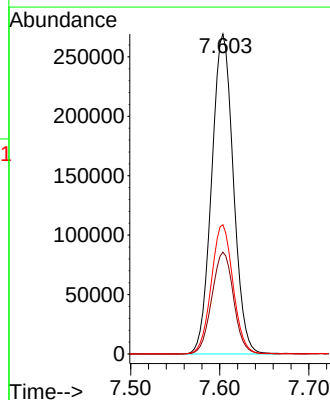
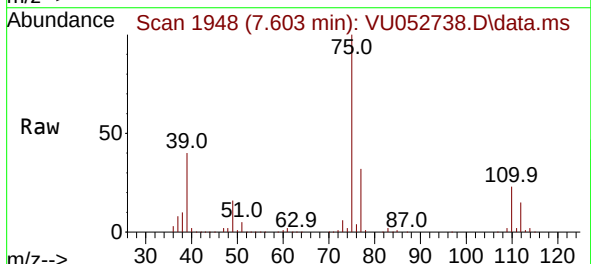
Manual Integrations
 APPROVED

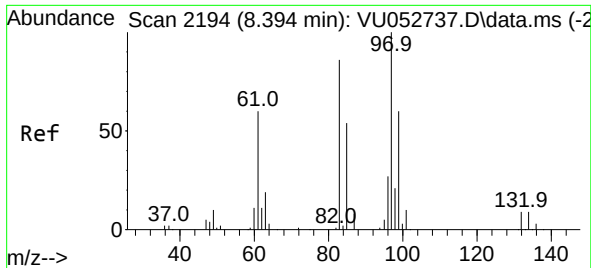
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 101.239 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052738.D
 Acq: 19 Jan 2023 14:35

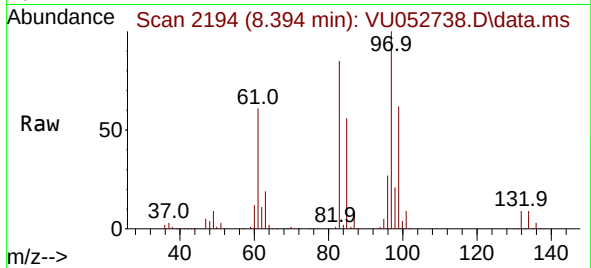
Tgt Ion: 75 Resp: 455607
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 40.4 32.9 49.3





#55
1,1,2-Trichloroethane
Concen: 96.268 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

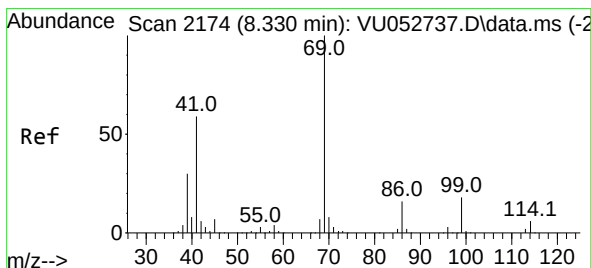
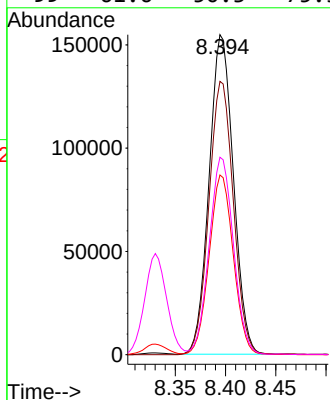
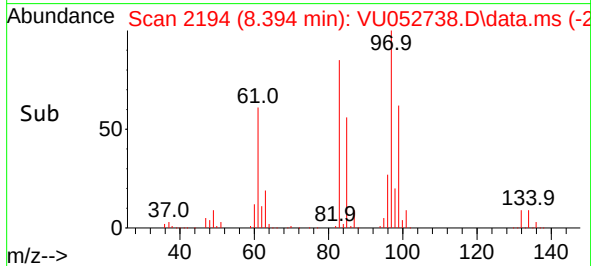


Tgt Ion: 97 Resp: 26006

Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.2	103.8
85	56.2	43.8	65.8
99	61.6	50.3	75.5

Manual Integrations
APPROVED

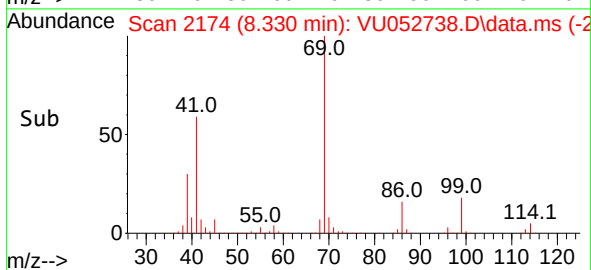
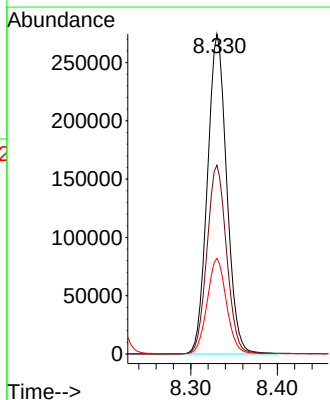
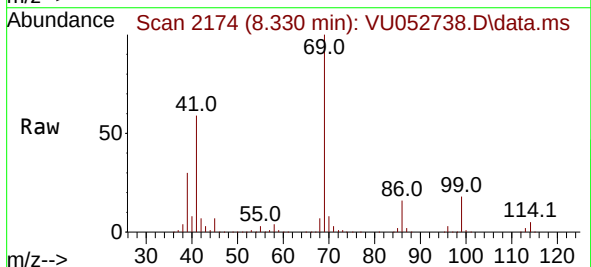
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

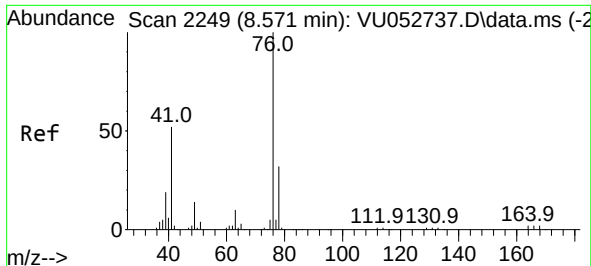


#56
Ethyl methacrylate
Concen: 107.884 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion: 69 Resp: 425132

Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.6	71.4
39	29.9	24.3	36.5





#57

1,3-Dichloropropane

Concen: 96.795 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 46250

Ion Ratio Lower Upper

76 100

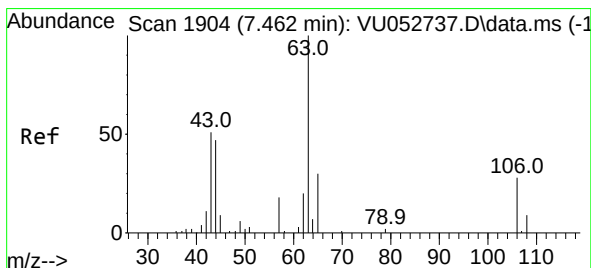
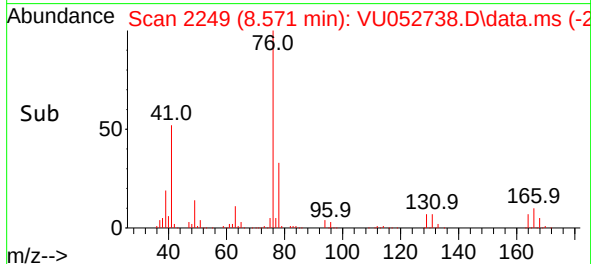
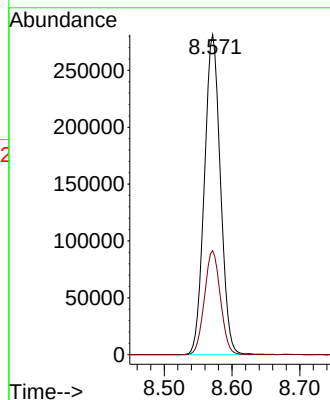
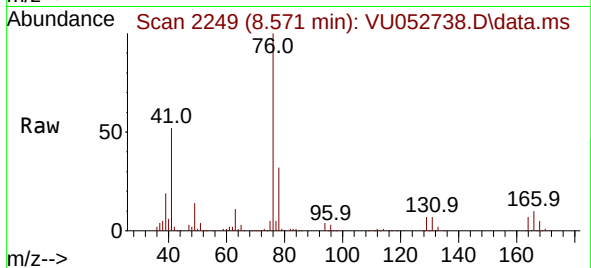
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 469.289 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052738.D

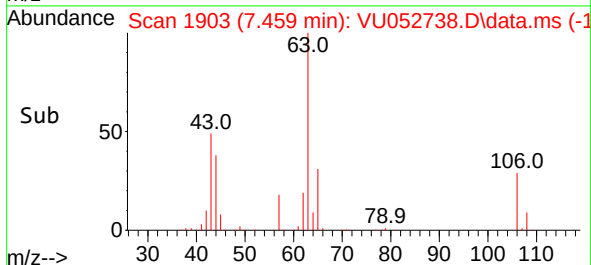
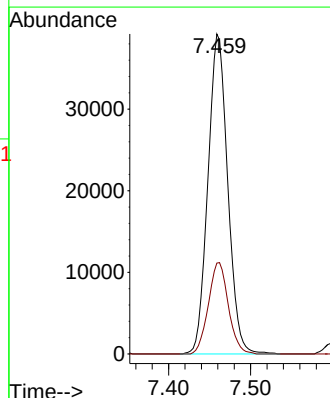
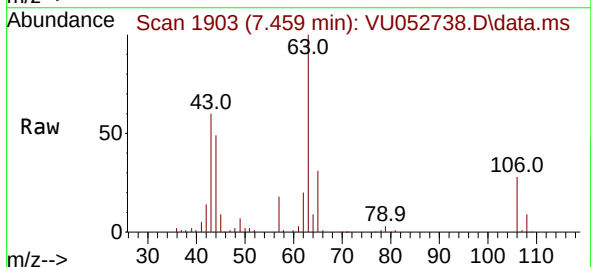
Acq: 19 Jan 2023 14:35

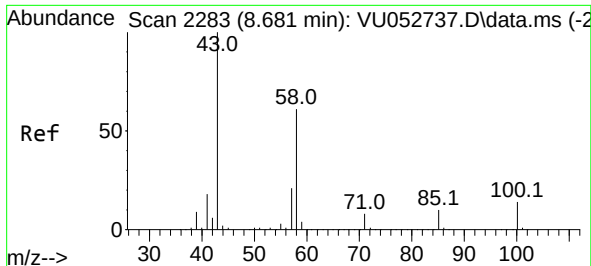
Tgt Ion: 63 Resp: 65785

Ion Ratio Lower Upper

63 100

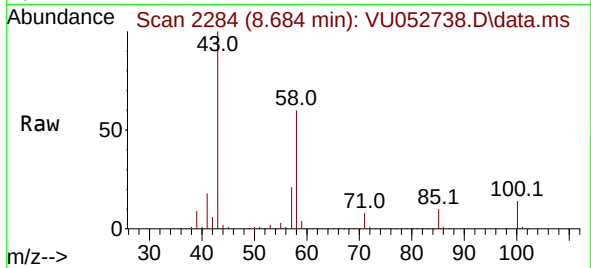
106 28.8 23.2 34.8





#59
2-Hexanone
Concen: 472.820 ug/l
RT: 8.684 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

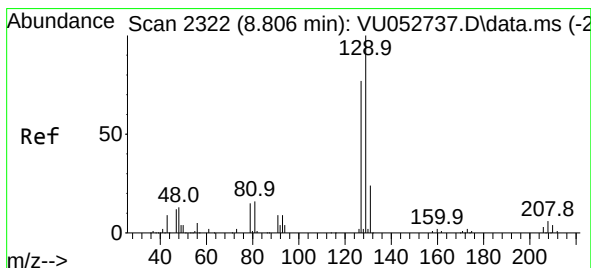
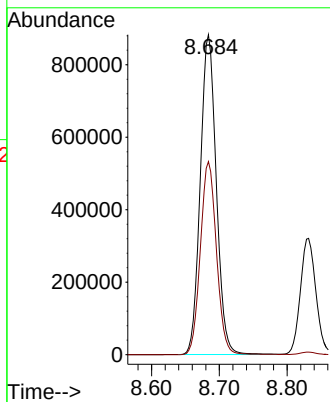
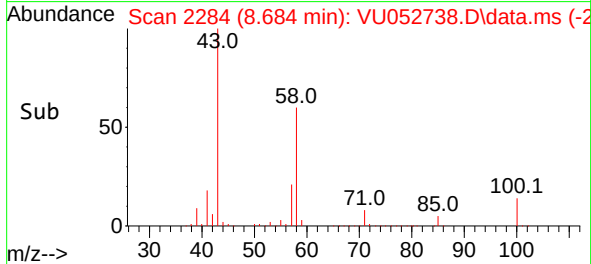
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1446288
Ion Ratio Lower Upper
43 100
58 60.7 29.8 89.5

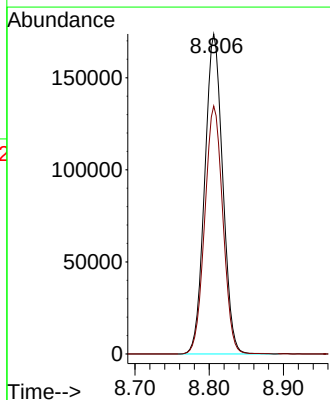
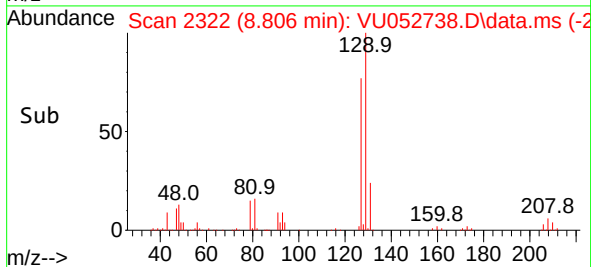
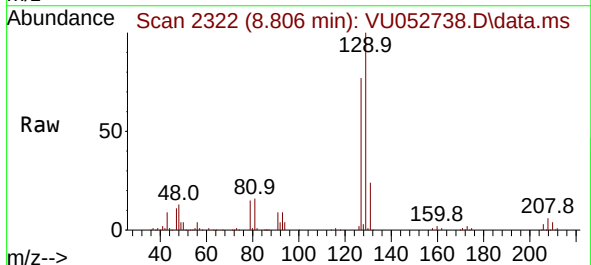
Manual Integrations
APPROVED

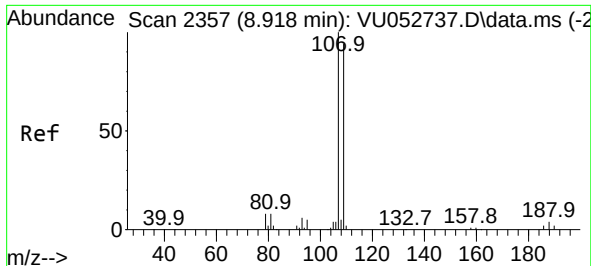
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 103.303 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

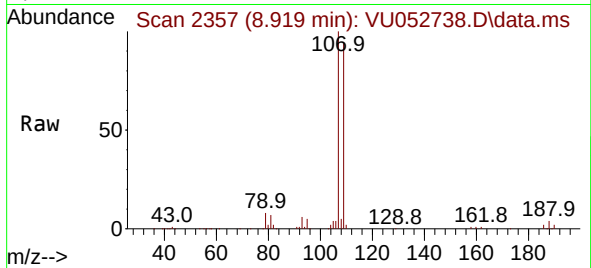
Tgt Ion:129 Resp: 291451
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61
1,2-Dibromoethane
Concen: 102.775 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

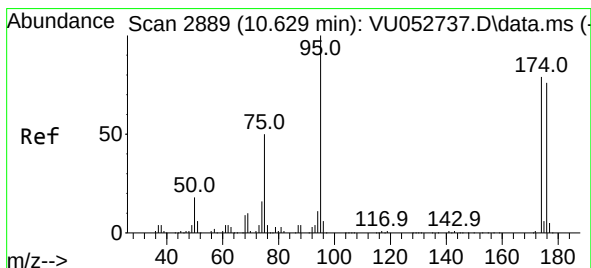
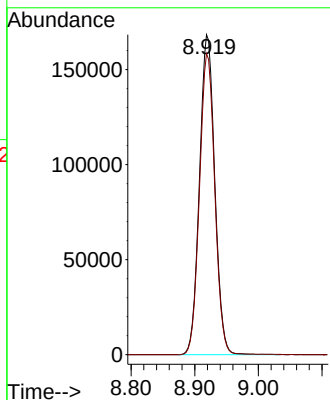
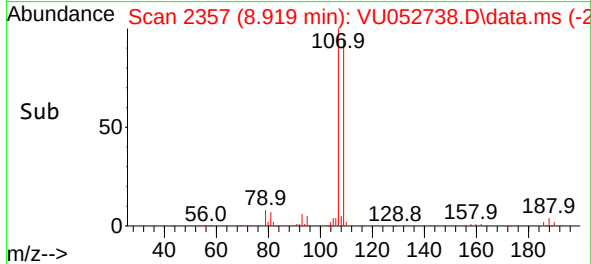
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100



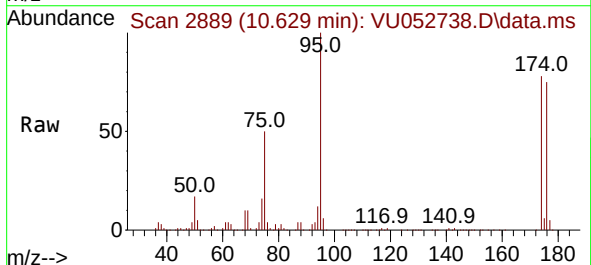
Tgt Ion:107 Resp: 281590
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6

Manual Integrations
APPROVED

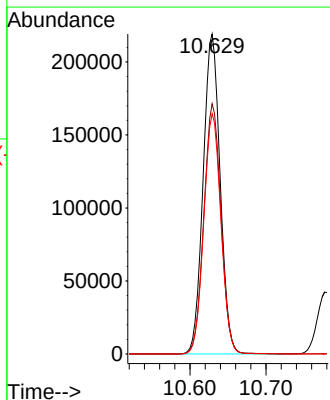
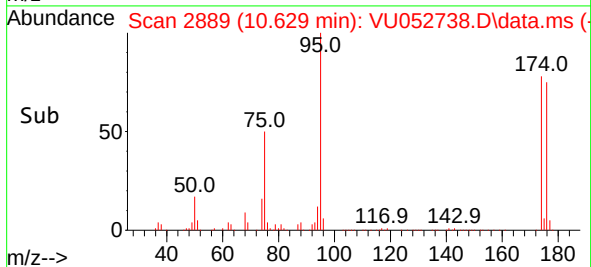
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

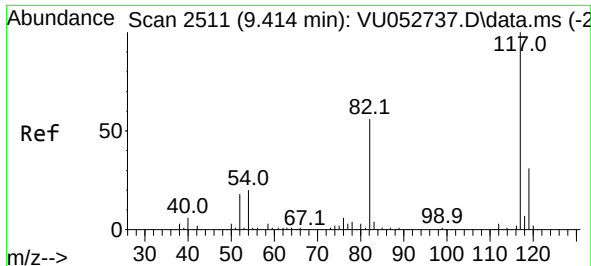


#62
4-Bromofluorobenzene
Concen: 101.765 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



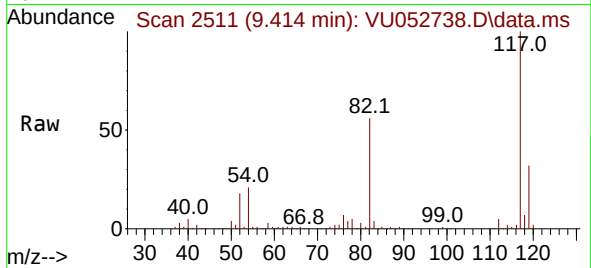
Tgt Ion: 95 Resp: 340177
Ion Ratio Lower Upper
95 100
174 79.0 0.0 158.6
176 75.8 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

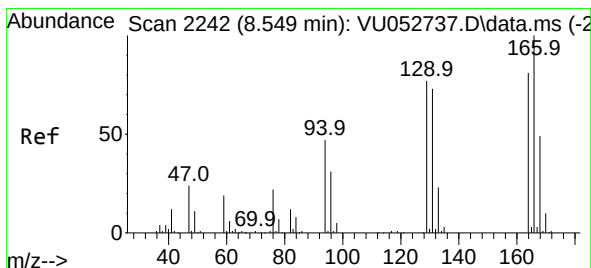
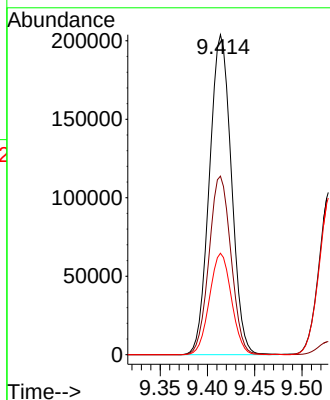
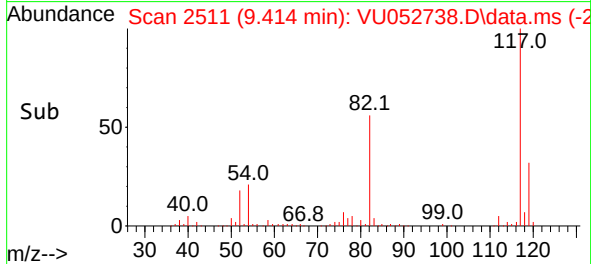
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



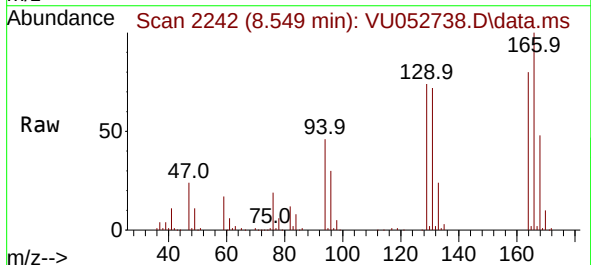
Tgt Ion:117 Resp: 32972
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 31.7 25.0 37.6

Manual Integrations
APPROVED

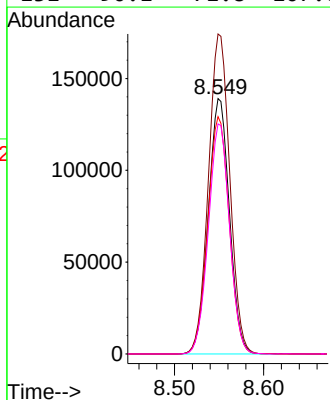
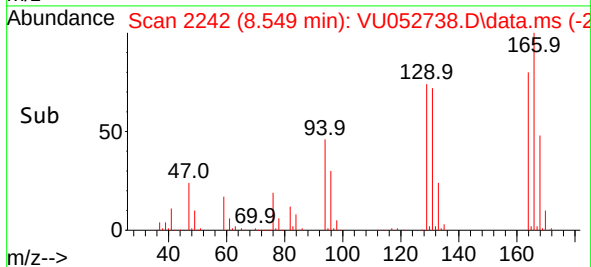
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

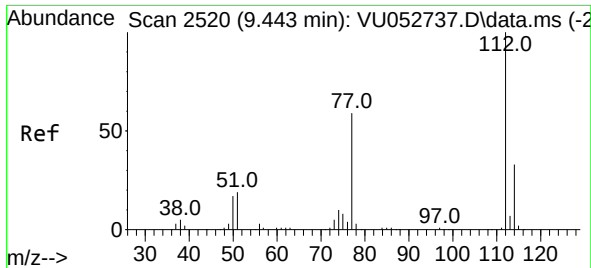


#64
Tetrachloroethene
Concen: 107.264 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion:164 Resp: 229970
Ion Ratio Lower Upper
164 100
166 125.3 98.9 148.3
129 92.9 76.0 114.0
131 90.1 71.8 107.6





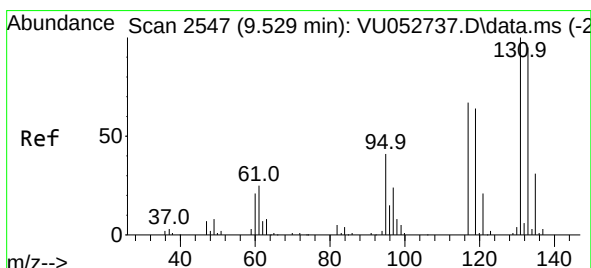
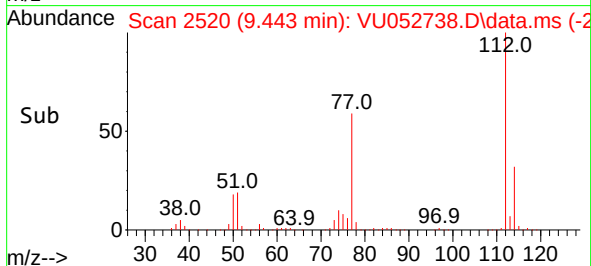
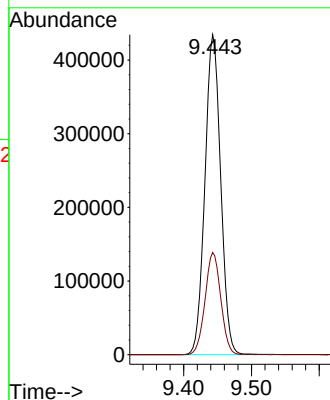
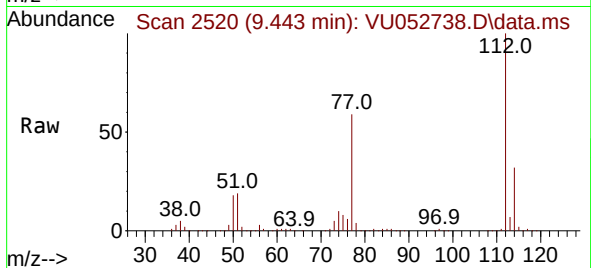
#65
Chlorobenzene
Concen: 100.549 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 701739
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

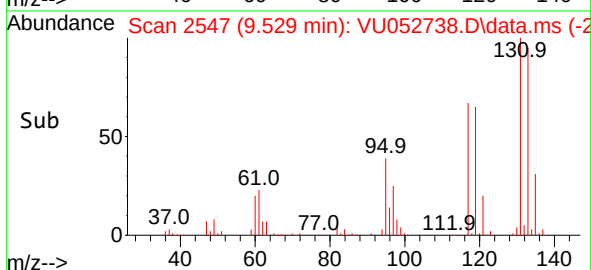
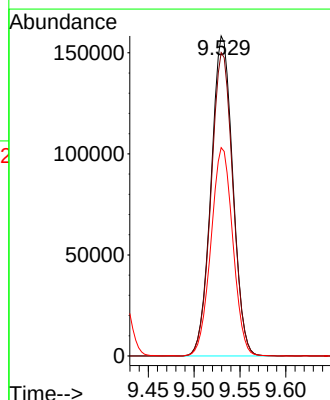
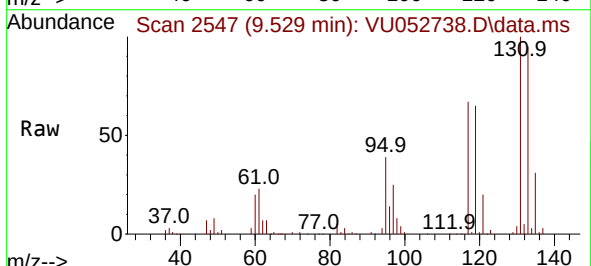
Manual Integrations
APPROVED

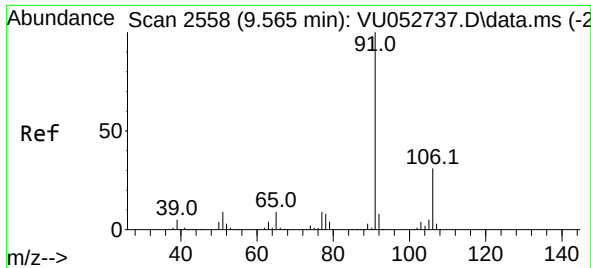
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 102.648 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion:131 Resp: 260271
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 65.7 32.1 96.3





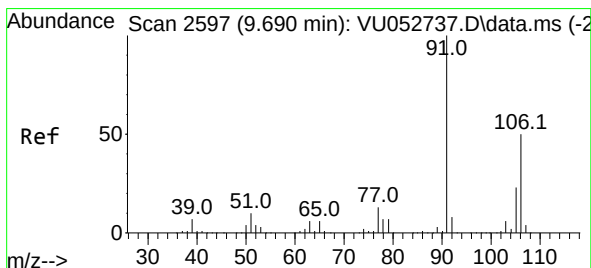
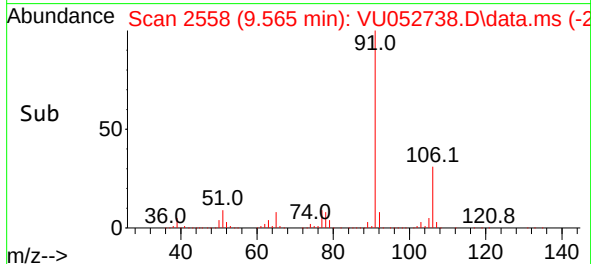
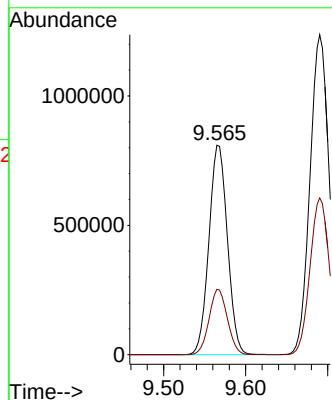
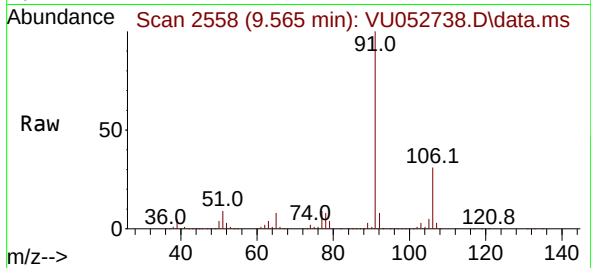
#67
Ethyl Benzene
Concen: 105.387 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1269029
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

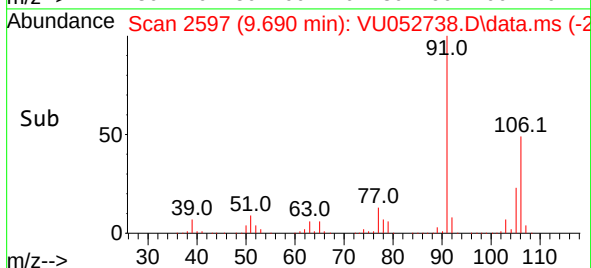
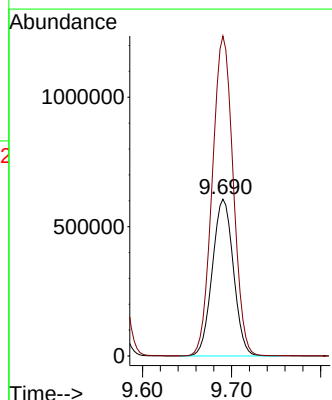
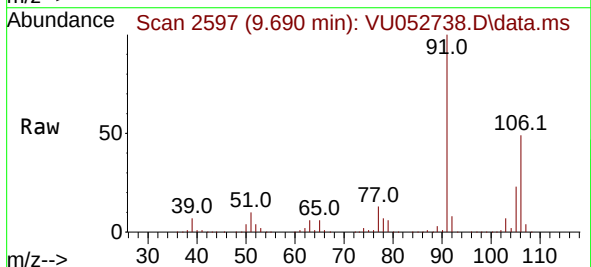
Manual Integrations
APPROVED

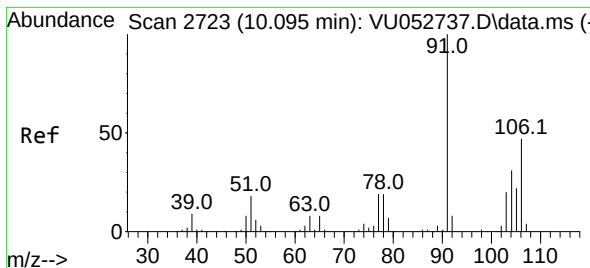
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#68
m/p-Xylenes
Concen: 218.211 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion:106 Resp: 994734
Ion Ratio Lower Upper
106 100
91 202.5 160.8 241.2





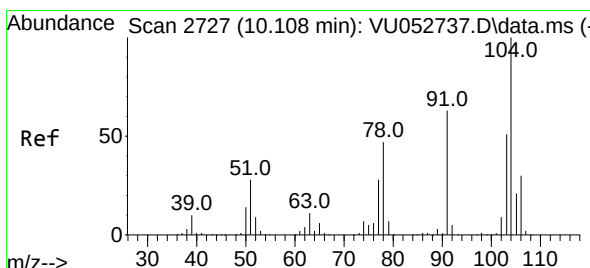
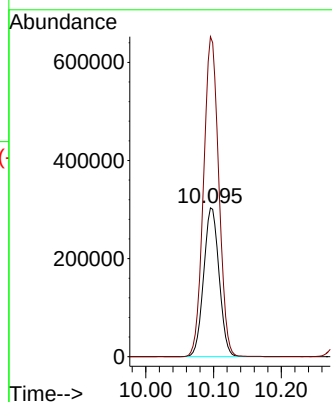
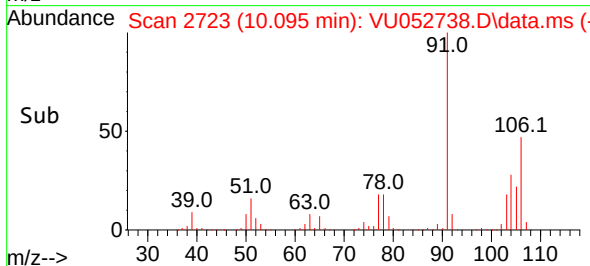
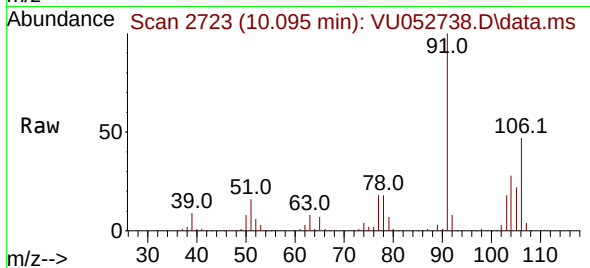
#69
o-Xylene
Concen: 110.260 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 478460
Ion Ratio Lower Upper
106 100
91 213.2 107.9 323.7

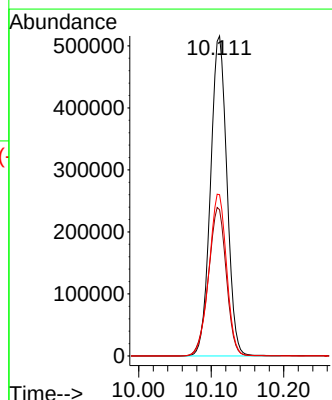
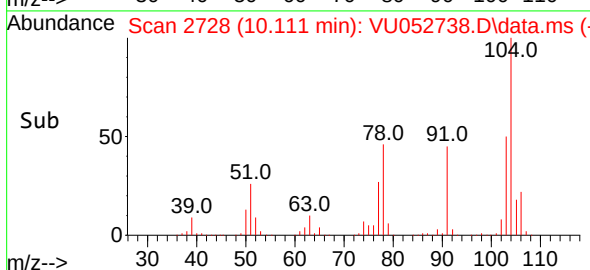
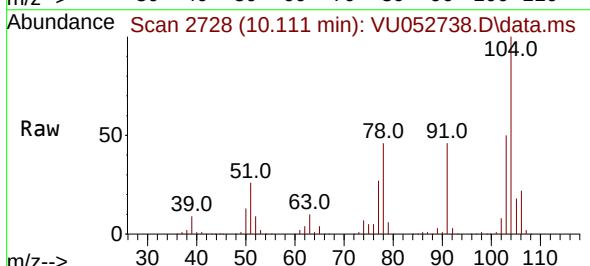
Manual Integrations
APPROVED

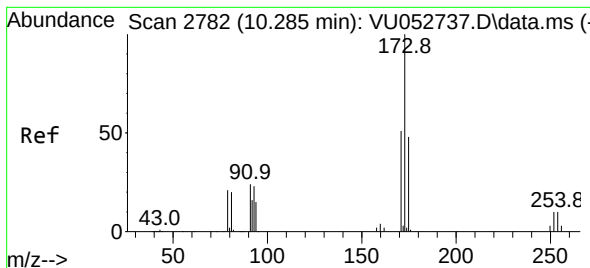
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 111.935 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion:104 Resp: 813385
Ion Ratio Lower Upper
104 100
78 50.4 39.9 59.9
103 54.1 43.4 65.2





#71

Bromoform

Concen: 105.801 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 226640

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.2

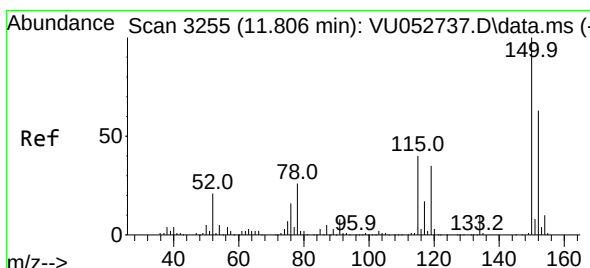
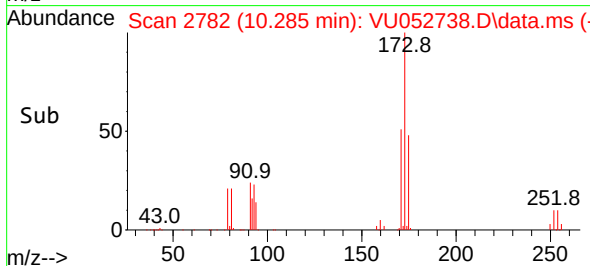
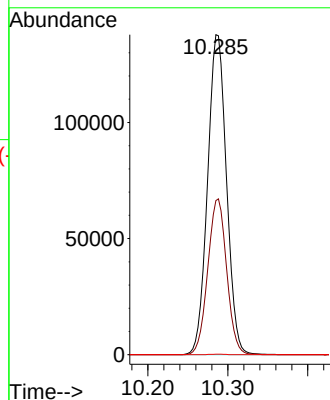
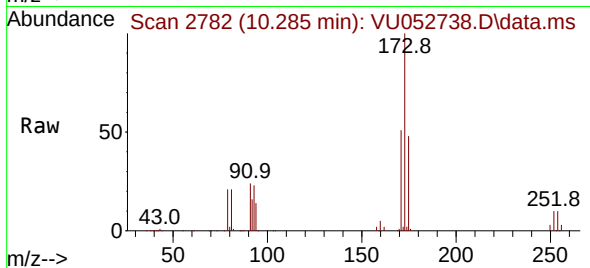
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

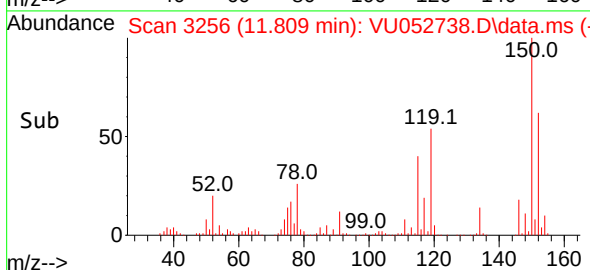
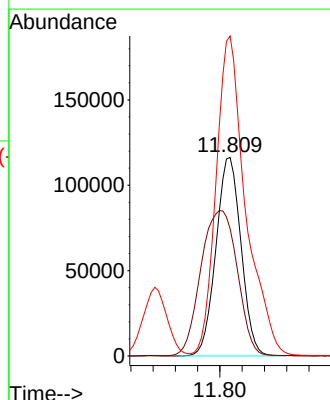
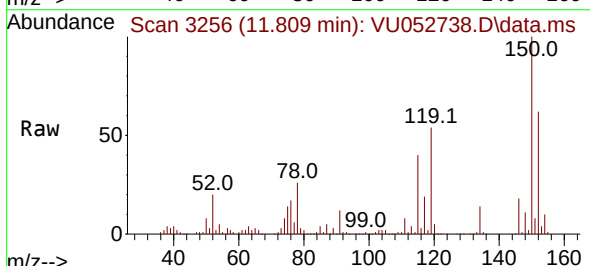
Tgt Ion:152 Resp: 181733

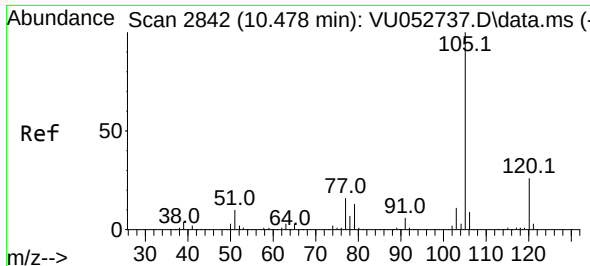
Ion Ratio Lower Upper

152 100

115 106.1 41.7 125.1

150 190.0 0.0 349.2





#73
Isopropylbenzene
Concen: 102.741 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

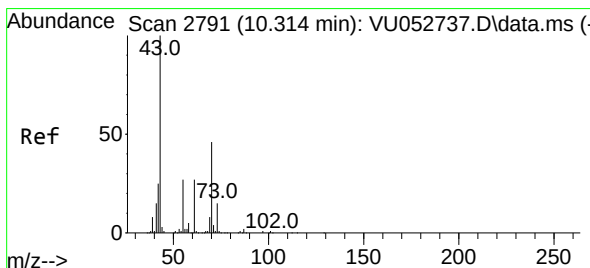
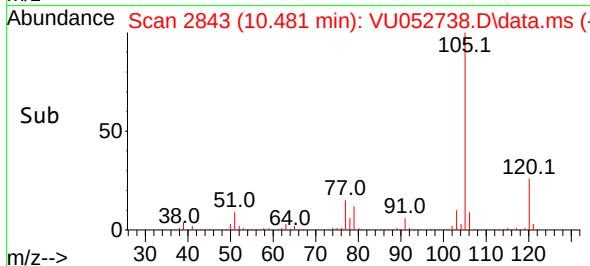
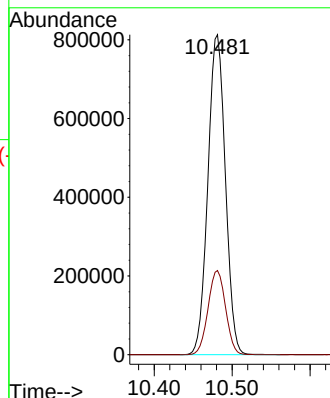
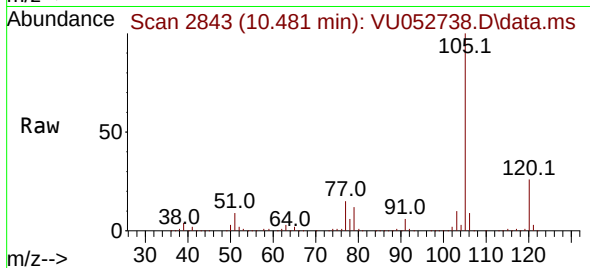
VSTDICC100

Tgt Ion:105 Resp: 126631
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations

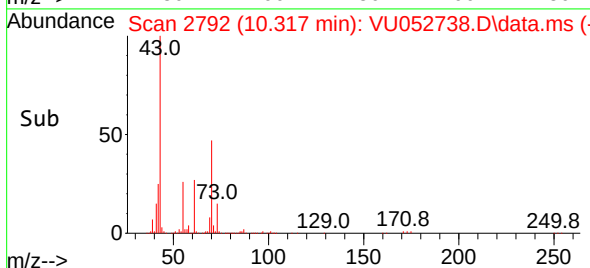
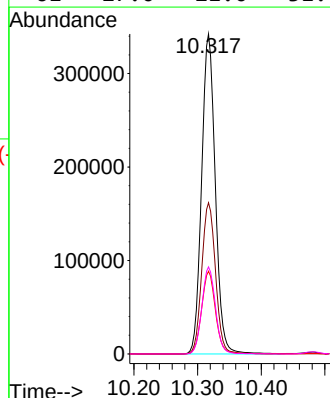
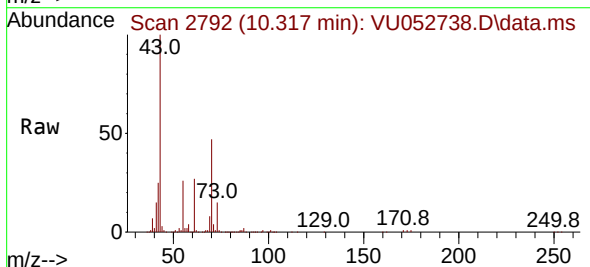
APPROVED

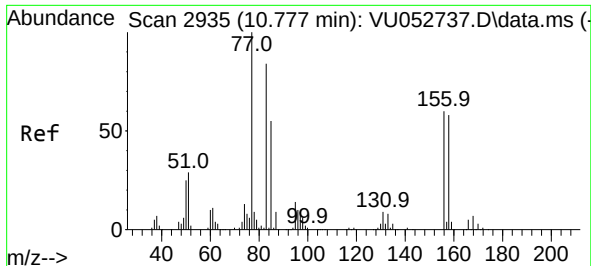
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-ethyl acetate
Concen: 93.027 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

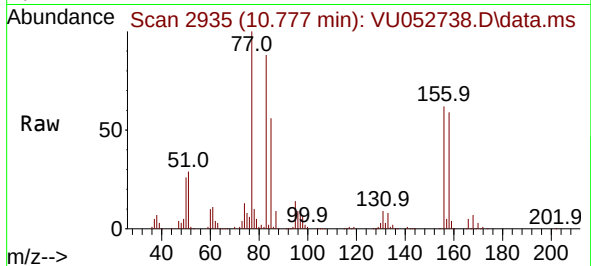
Tgt Ion: 43 Resp: 511951
Ion Ratio Lower Upper
43 100
70 47.7 37.9 56.9
55 26.2 21.9 32.9
61 27.0 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 85.274 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

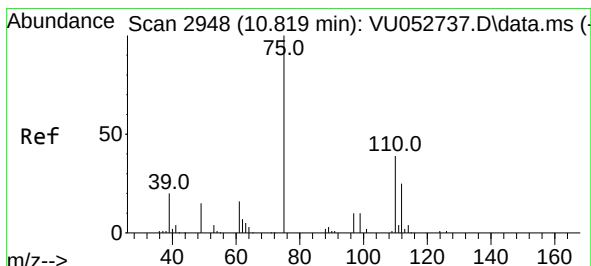
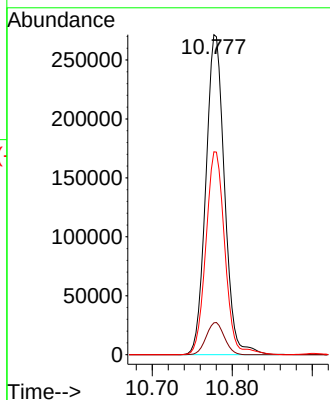
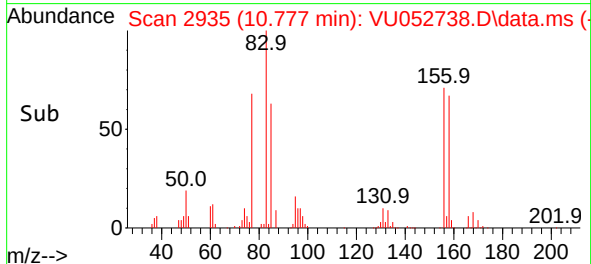
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 44102
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.4 32.3 96.8

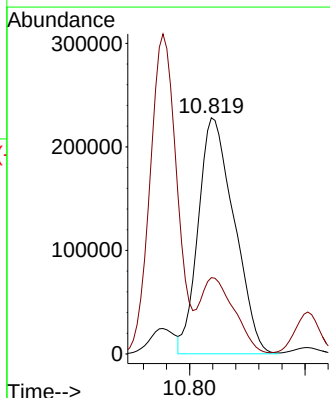
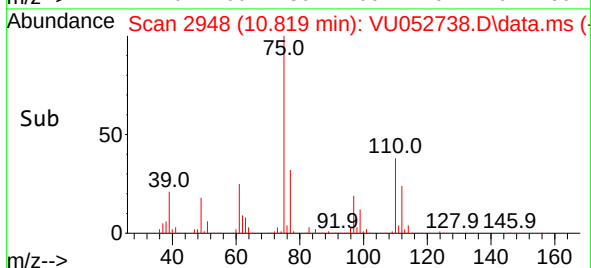
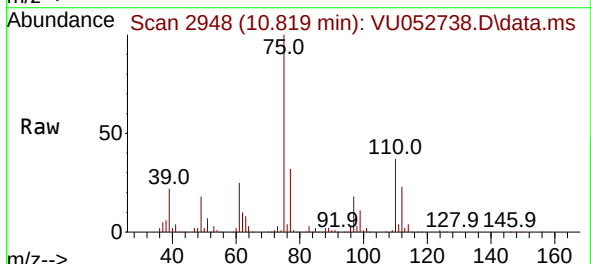
Manual Integrations
APPROVED

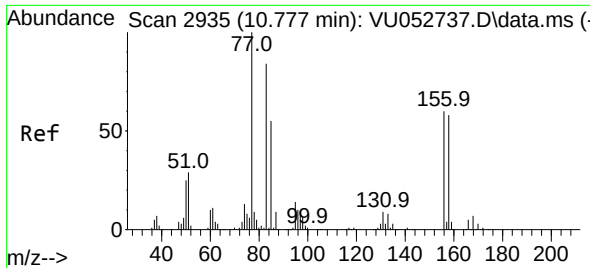
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#76
1,2,3-Trichloropropane
Concen: 87.198 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

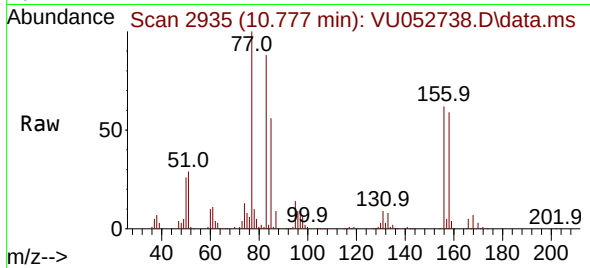
Tgt Ion: 75 Resp: 492389
Ion Ratio Lower Upper
75 100
77 29.2 15.0 45.1





#77
Bromobenzene
Concen: 99.159 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

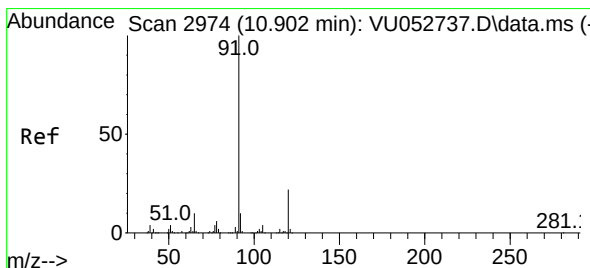
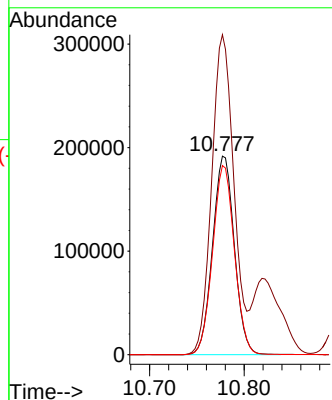
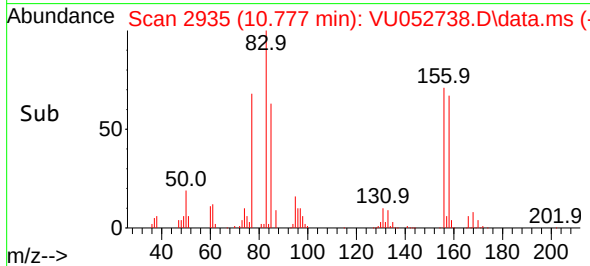
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



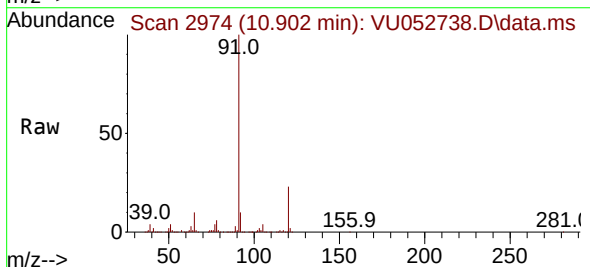
Tgt Ion:156 Resp: 306868
Ion Ratio Lower Upper
156 100
77 162.7 83.8 251.4
158 95.6 48.7 146.1

Manual Integrations
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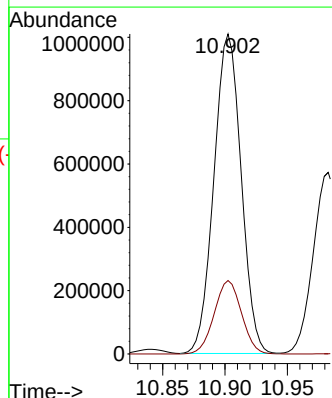
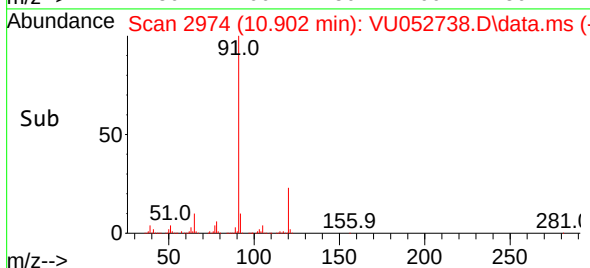
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

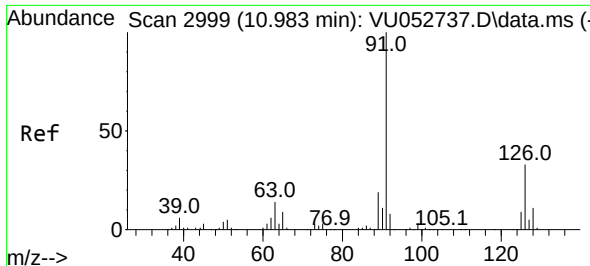


#78
n-propylbenzene
Concen: 102.884 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35



Tgt Ion: 91 Resp: 1534349
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8





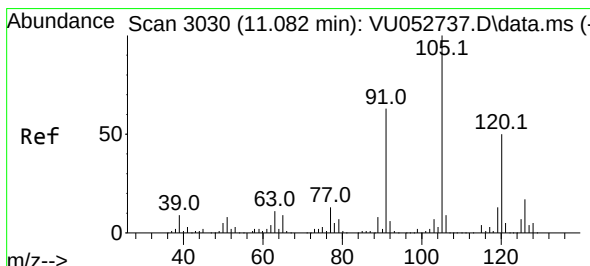
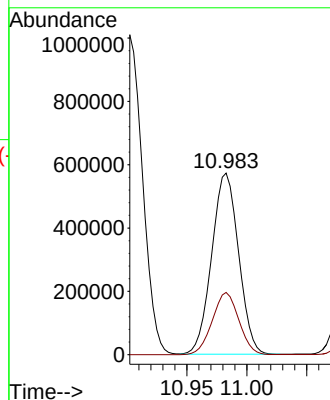
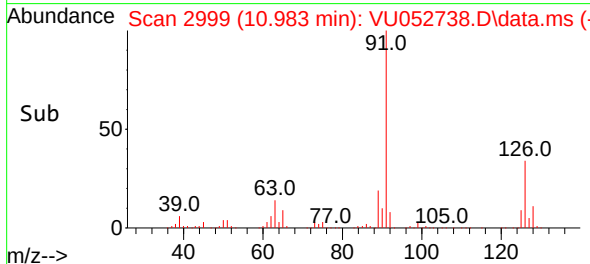
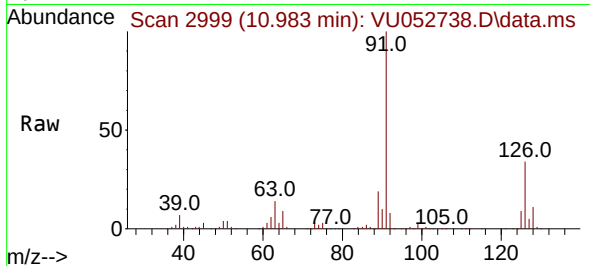
#79
2-Chlorotoluene
Concen: 97.513 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 892119
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

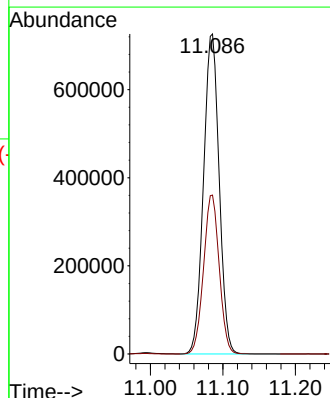
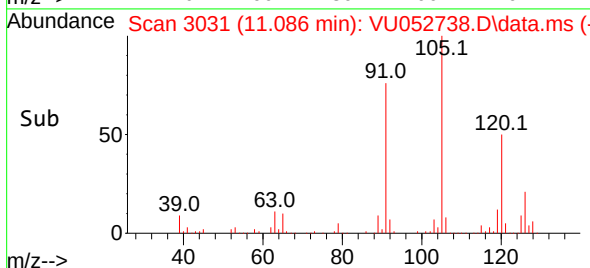
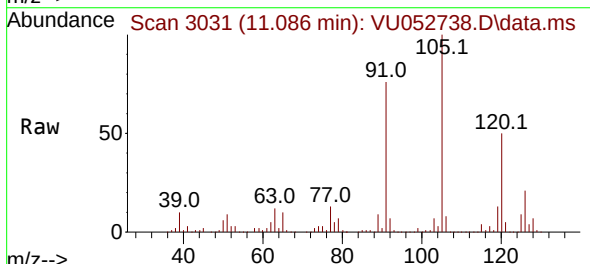
Manual Integrations
APPROVED

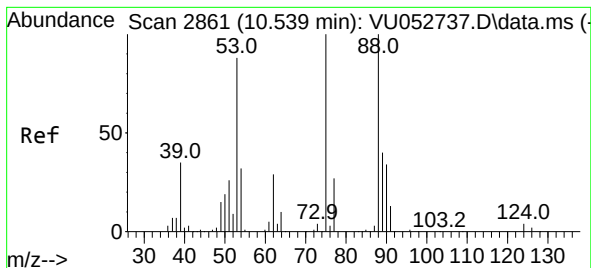
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 104.793 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

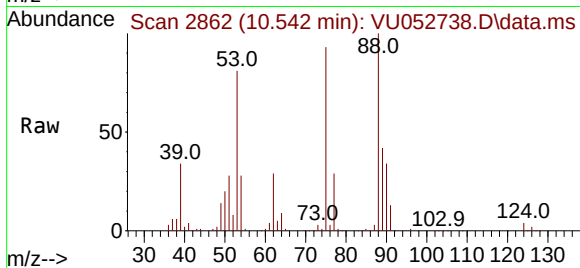
Tgt Ion:105 Resp: 1088763
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 93.499 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

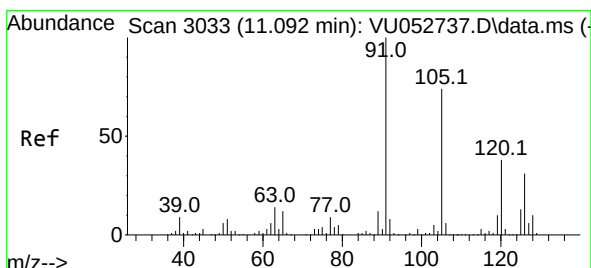
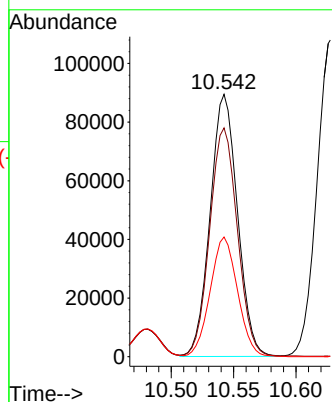
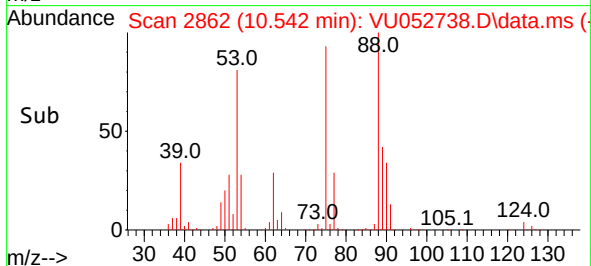
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 136668
Ion Ratio Lower Upper
75 100
53 87.8 72.4 108.6
89 45.8 35.0 52.4

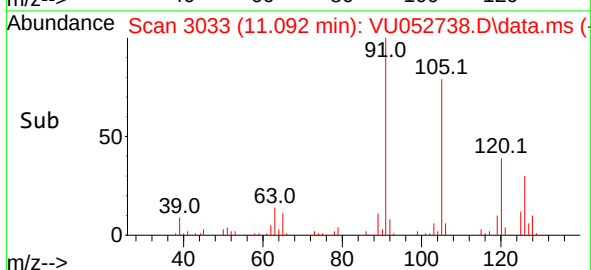
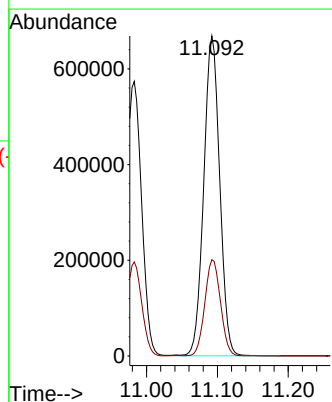
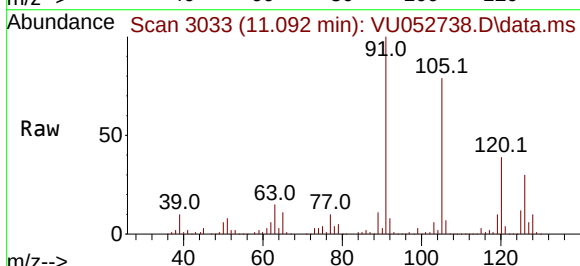
Manual Integrations
APPROVED

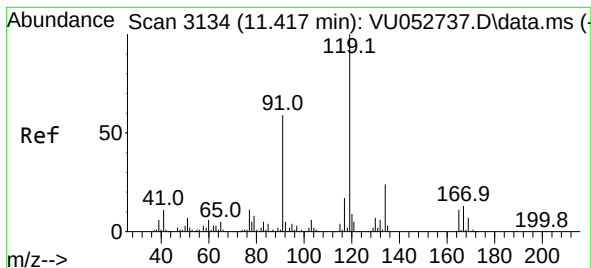
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 100.332 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion: 91 Resp: 1042589
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.7





#83

tert-Butylbenzene

Concen: 105.678 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 109485

Ion Ratio Lower Upper

119 100

91 55.7 28.4 85.2

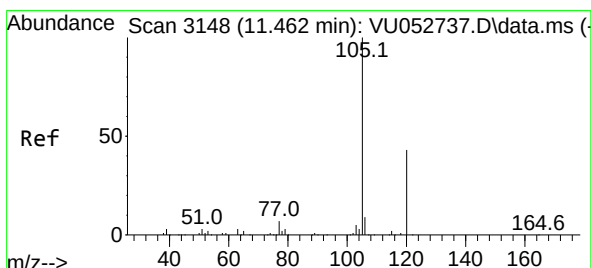
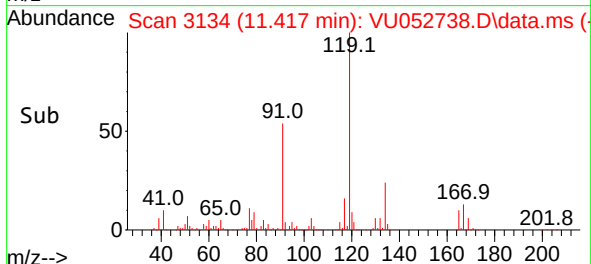
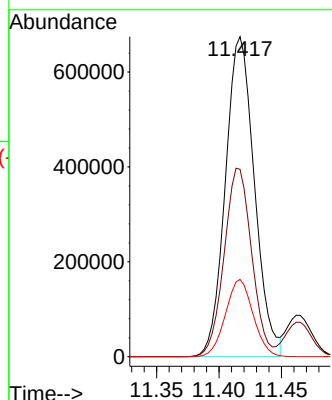
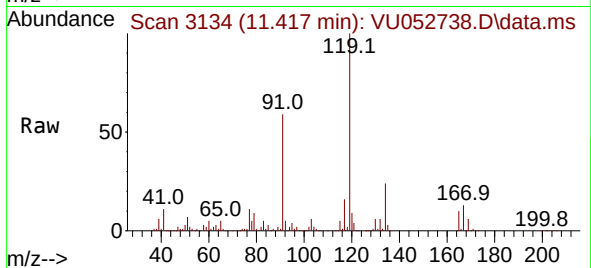
134 22.9 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 106.237 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052738.D

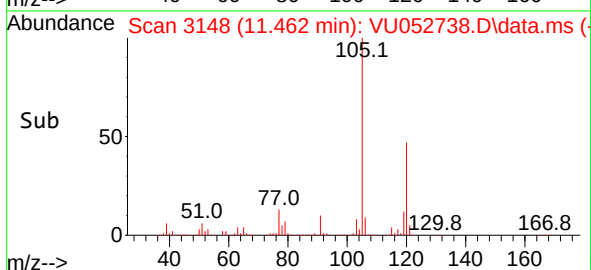
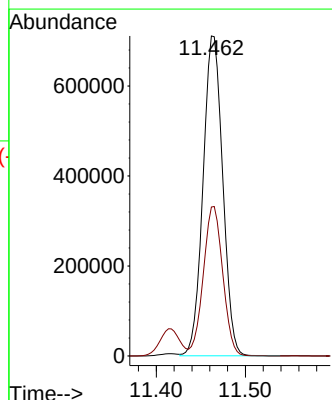
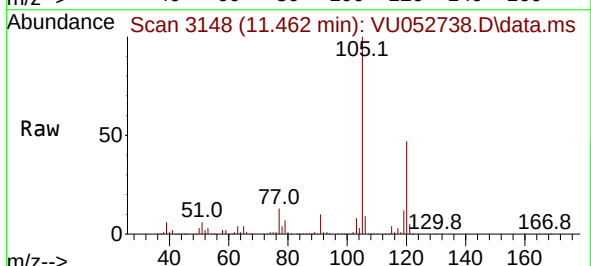
Acq: 19 Jan 2023 14:35

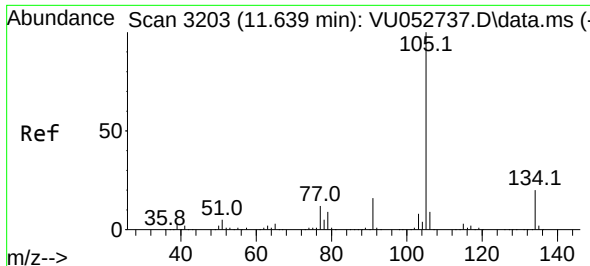
Tgt Ion:105 Resp: 1087475

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.5





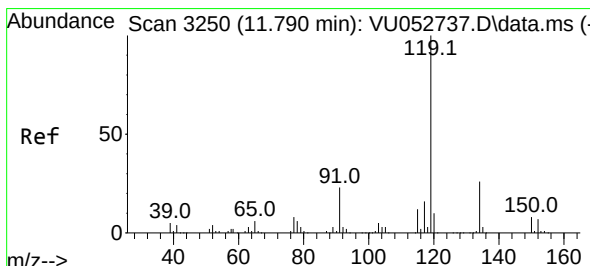
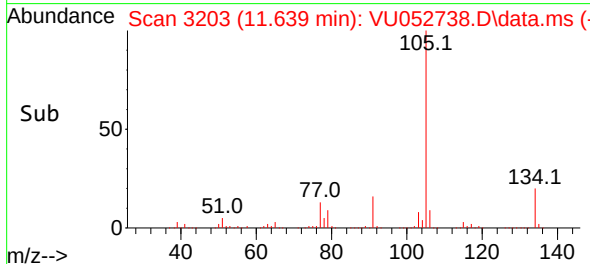
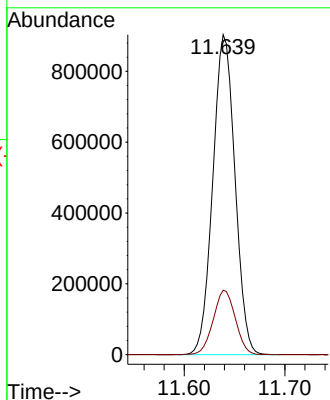
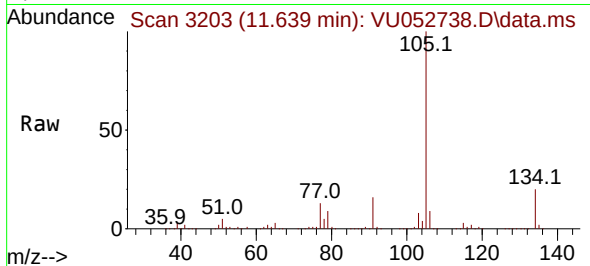
#85
 sec-Butylbenzene
 Concen: 106.229 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052738.D
 Acq: 19 Jan 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 138366
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

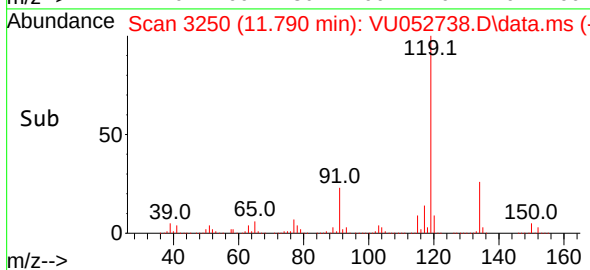
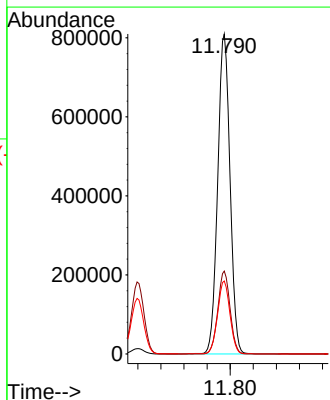
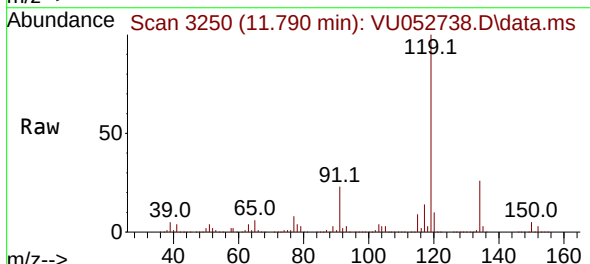
Manual Integrations
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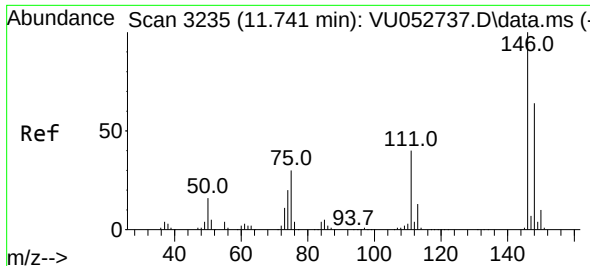
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#86
 p-Isopropyltoluene
 Concen: 111.971 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU052738.D
 Acq: 19 Jan 2023 14:35

Tgt Ion:119 Resp: 1196911
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 22.8 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 100.028 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 597049

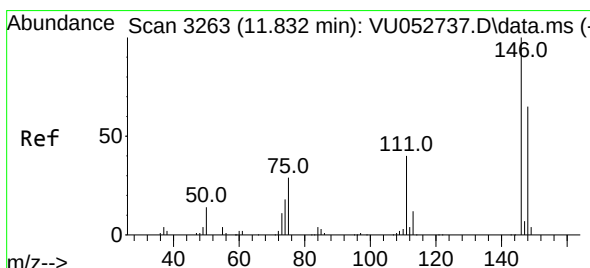
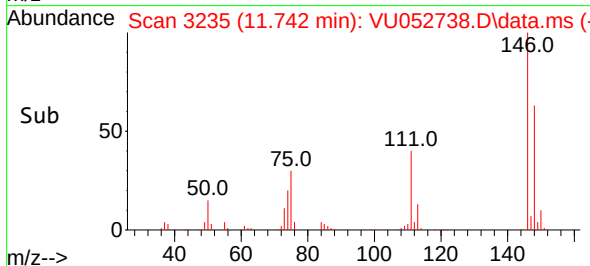
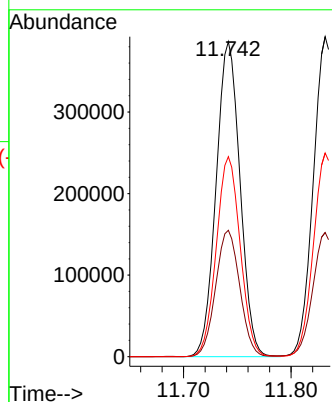
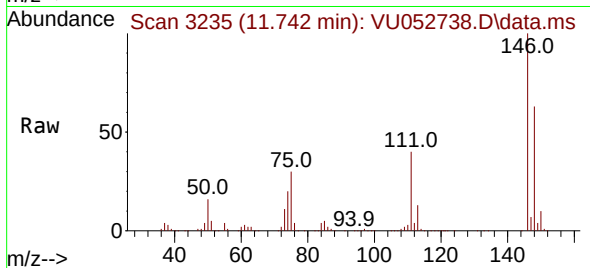
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	63.6	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

Concen: 100.412 ug/l

RT: 11.832 min Scan# 3263

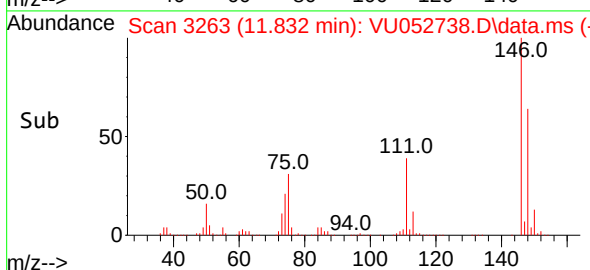
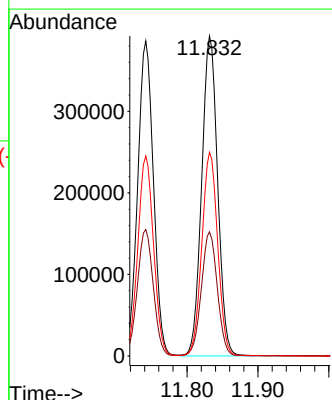
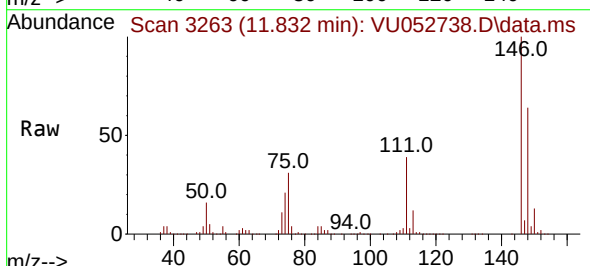
Delta R.T. 0.000 min

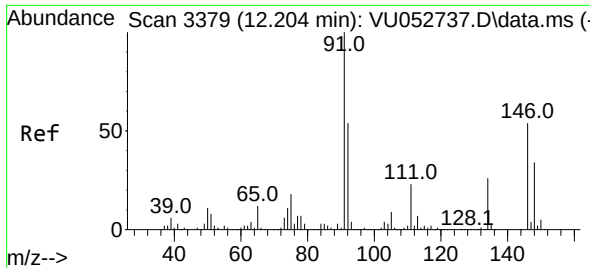
Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Tgt Ion:146 Resp: 611384

Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	61.0
148	63.3	32.3	96.8





#89

n-Butylbenzene

Concen: 109.399 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 105436

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.3

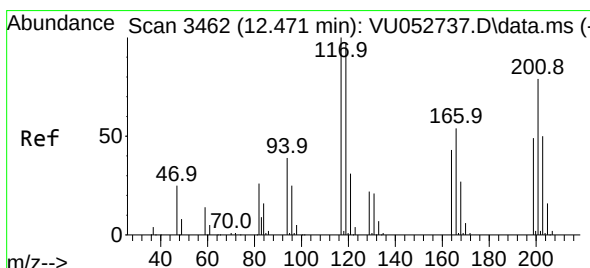
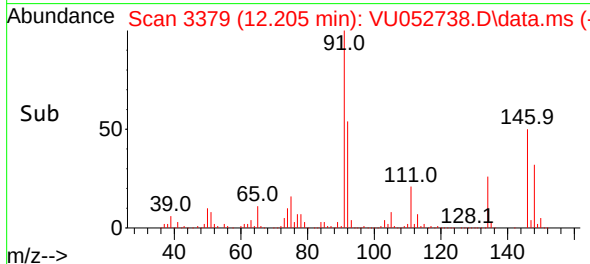
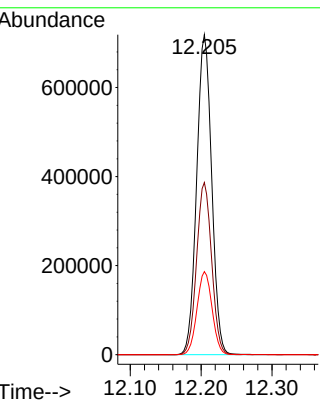
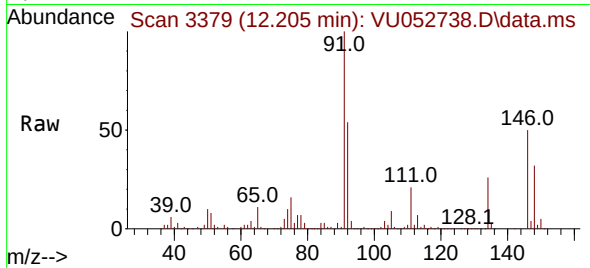
134 26.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#90

Hexachloroethane

Concen: 99.293 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052738.D

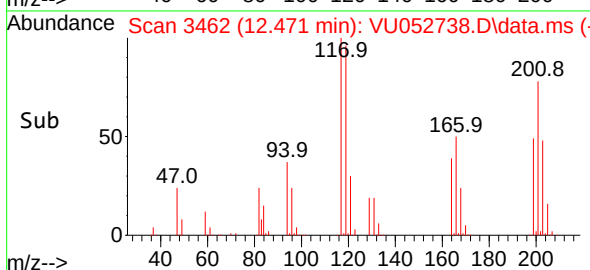
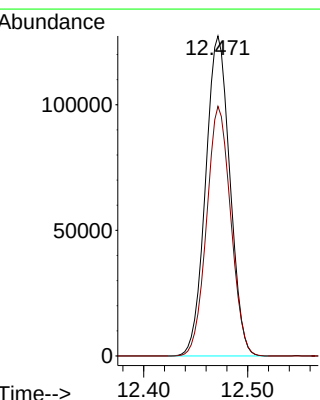
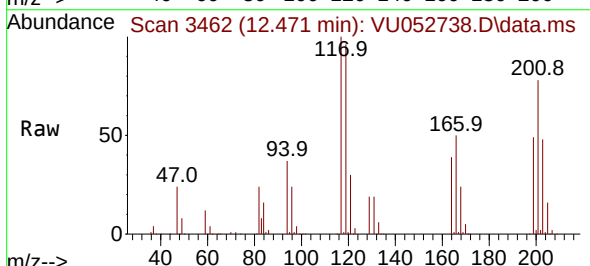
Acq: 19 Jan 2023 14:35

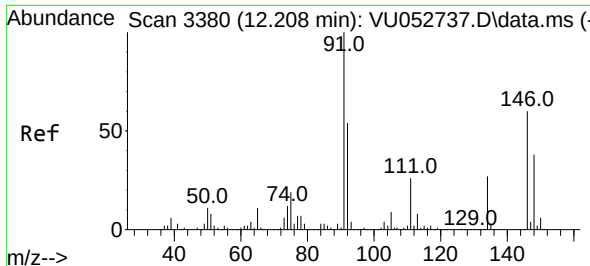
Tgt Ion:117 Resp: 206976

Ion Ratio Lower Upper

117 100

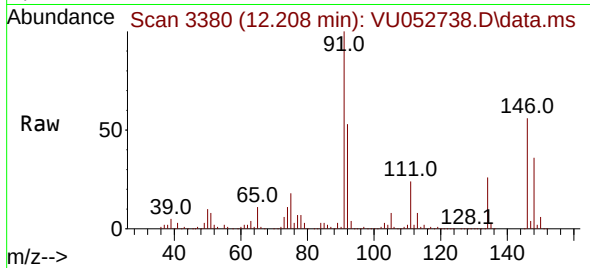
201 77.4 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 100.212 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

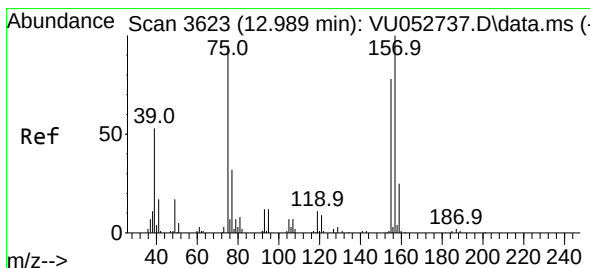
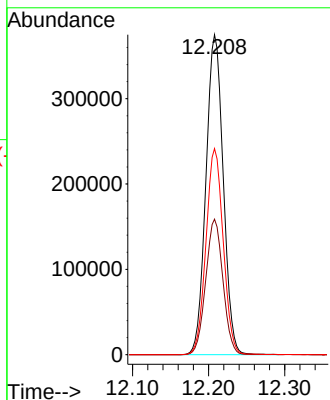
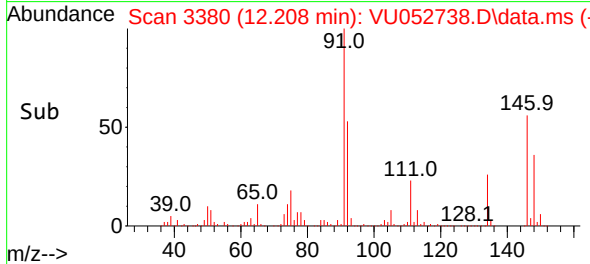
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 59245
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.1
148 64.2 31.4 94.0

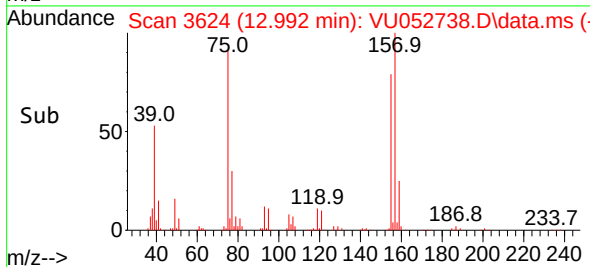
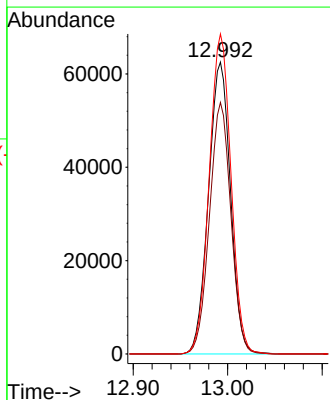
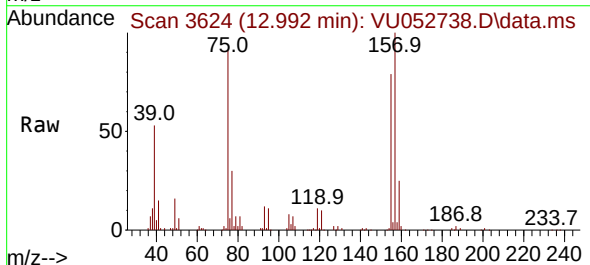
Manual Integrations
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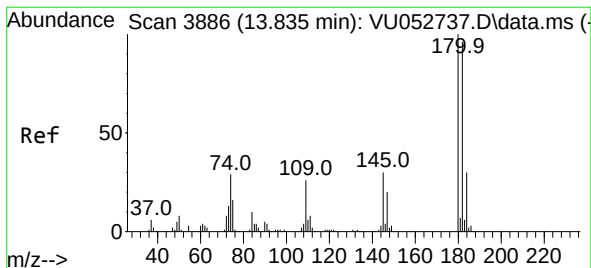
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 91.589 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.003 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion: 75 Resp: 101152
Ion Ratio Lower Upper
75 100
155 84.0 41.4 124.4
157 108.4 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 115.425 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 40011

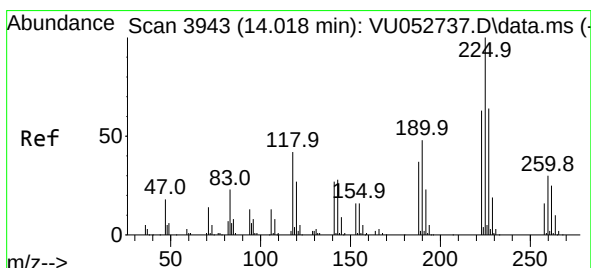
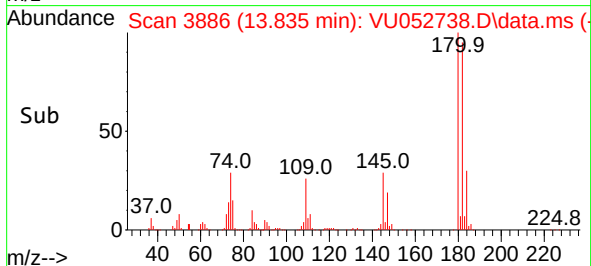
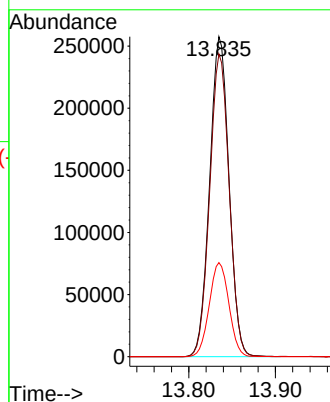
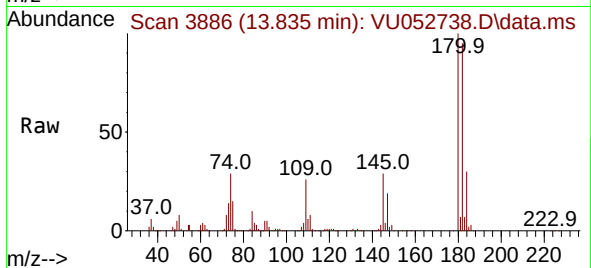
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.3
145	29.8	14.9	44.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#94

Hexachlorobutadiene

Concen: 107.756 ug/l

RT: 14.018 min Scan# 3943

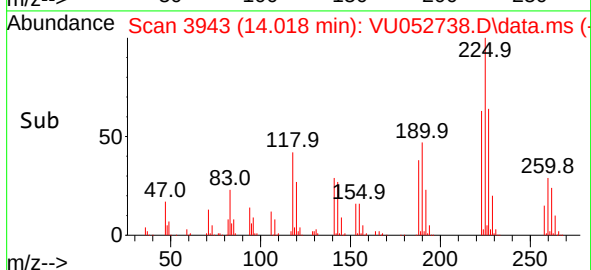
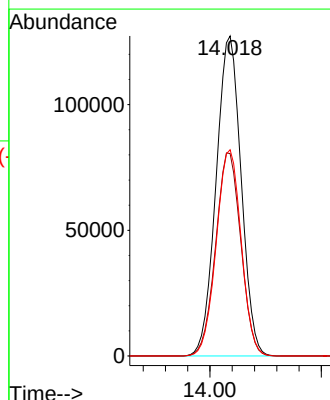
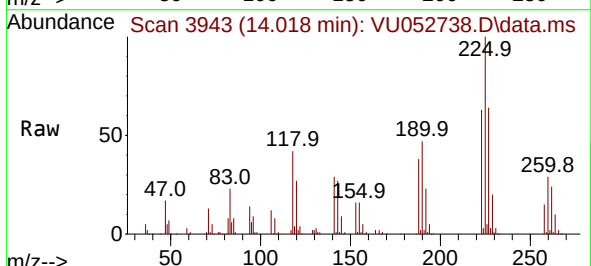
Delta R.T. 0.000 min

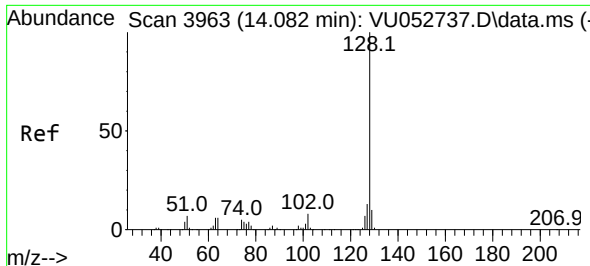
Lab File: VU052738.D

Acq: 19 Jan 2023 14:35

Tgt Ion:225 Resp: 198674

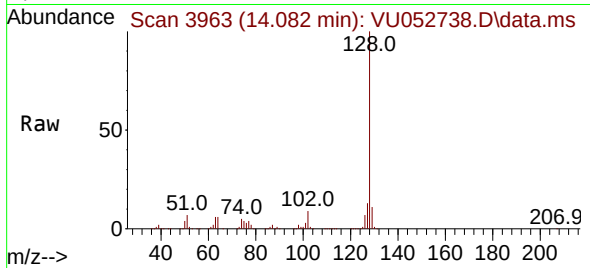
Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.8	95.3
227	64.1	31.8	95.4





#95
Naphthalene
Concen: 116.072 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

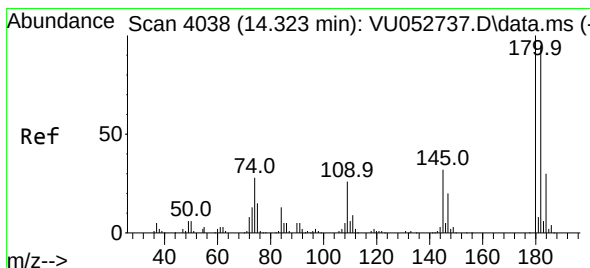
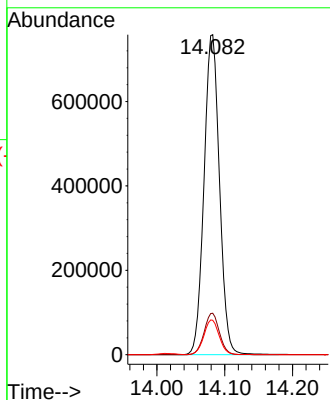
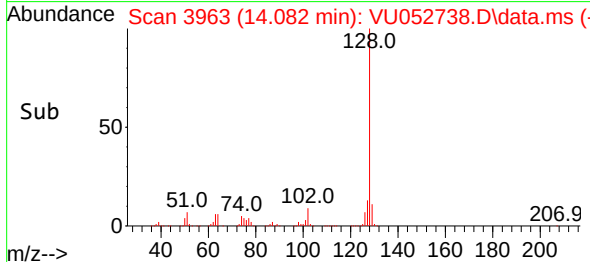
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 1200952
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 112.965 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052738.D
Acq: 19 Jan 2023 14:35

Tgt Ion:180 Resp: 392997
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 31.4 15.8 47.4

