

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031721\
 Data File : VW020655.D
 Acq On : 17 Mar 2021 15:18
 Operator : SY/MD
 Sample : M1675-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BG5

Quant Time: Mar 18 01:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

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

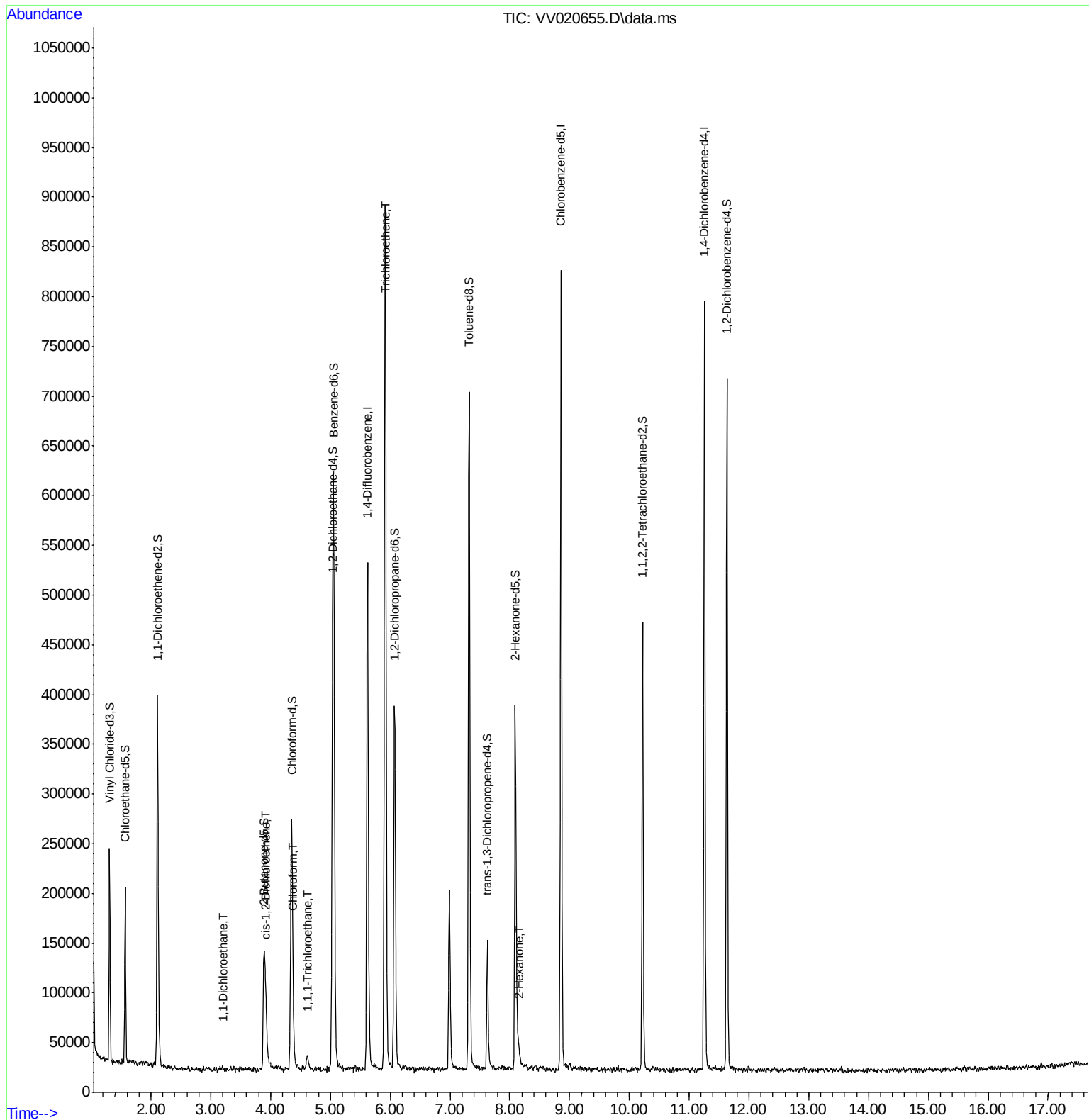
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	417713	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	413064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	179603	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	124451	36.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.88%		
7) Chloroethane-d5	1.568	69	98983	36.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.44%		
11) 1,1-Dichloroethene-d2	2.108	63	192369	30.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.08%		
21) 2-Butanone-d5	3.889	46	208925	96.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.61%		
24) Chloroform-d	4.352	84	252952	43.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.38%		
26) 1,2-Dichloroethane-d4	5.037	65	174594	45.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.36%		
32) Benzene-d6	5.053	84	497551	43.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.20%		
36) 1,2-Dichloropropane-d6	6.072	67	169321	46.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.74%		
41) Toluene-d8	7.320	98	421790	41.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.16%		
43) trans-1,3-Dichloroprop...	7.625	79	70819	41.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.00%		
47) 2-Hexanone-d5	8.091	63	117793	86.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.22%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	202530	44.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.78%		
64) 1,2-Dichlorobenzene-d4	11.631	152	161549	46.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.84%		
Target Compounds						
19) 1,1-Dichloroethane	3.201	63	3850	0.67	ug/L #	82
20) cis-1,2-Dichloroethene	3.918	96	22374	7.19	ug/L #	90
25) Chloroform	4.375	83	6927	1.15	ug/L	100
30) 1,1,1-Trichloroethane	4.612	97	11058	2.21	ug/L	95
34) Trichloroethene	5.918	95	288237	81.97	ug/L	95
48) 2-Hexanone	8.149	43	10465	2.74	ug/L #	74

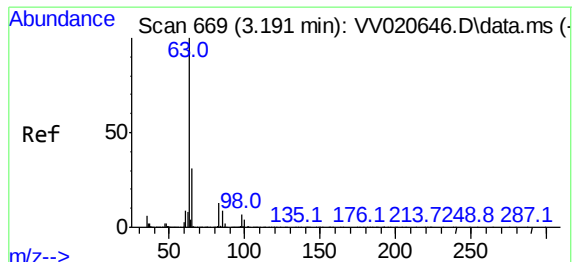
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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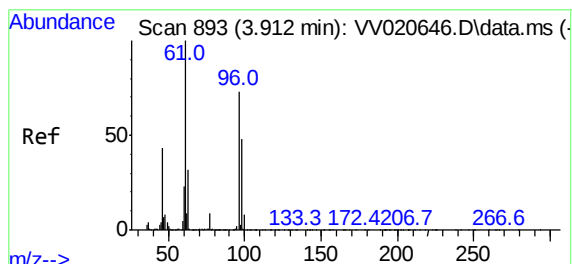
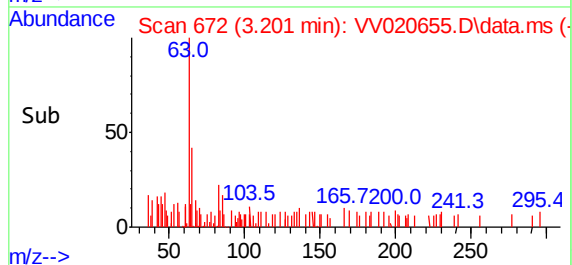
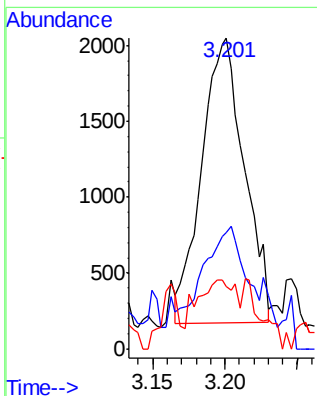
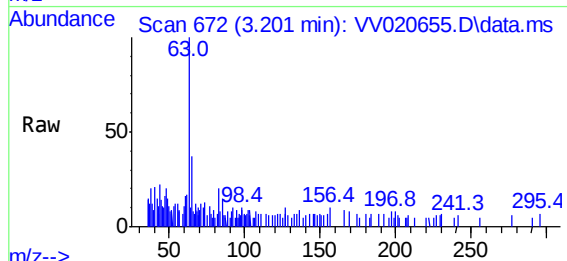




#19
1,1-Dichloroethane
Concen: 0.67 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.009 min
Lab File: VV020655.D
Acq: 17 Mar 2021 15:18

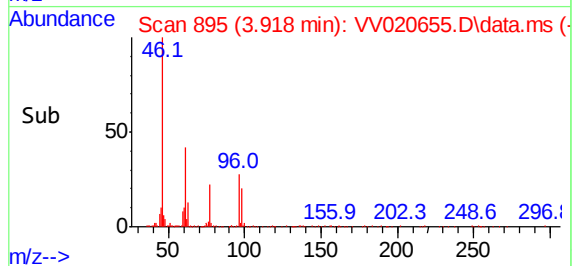
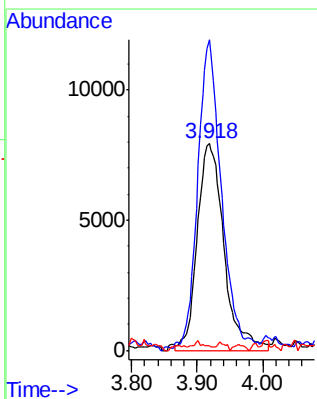
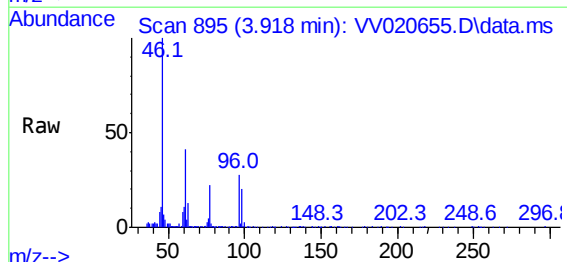
Instrument :
MSVOA_V
ClientSampleId :
C0BG5

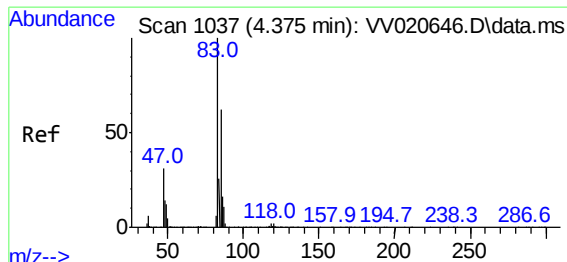
Tgt Ion: 63 Resp: 3850
Ion Ratio Lower Upper
63 100
65 37.4 21.9 40.7
83 27.8 9.5 17.7#



#20
cis-1,2-Dichloroethene
Concen: 7.19 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV020655.D
Acq: 17 Mar 2021 15:18

Tgt Ion: 96 Resp: 22374
Ion Ratio Lower Upper
96 100
61 150.4 96.9 179.9
68 2.4 0.0 0.0#

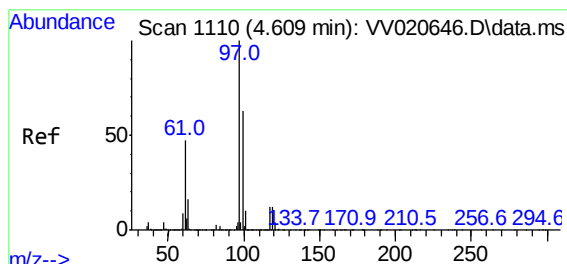
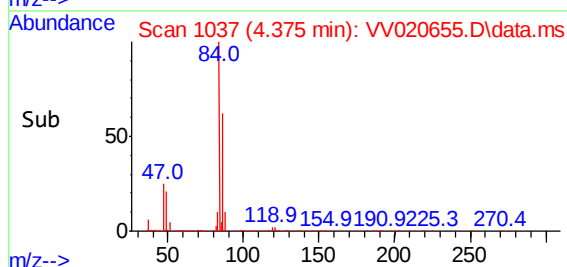
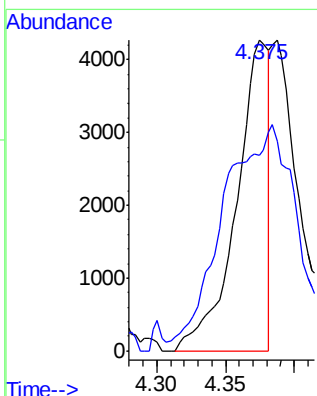
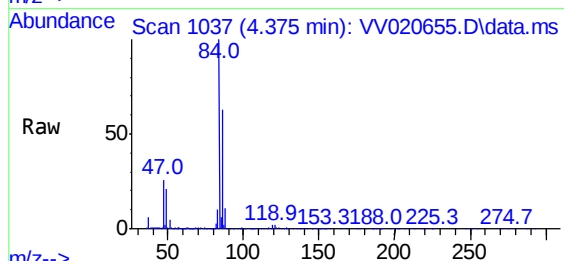




#25
Chloroform
Concen: 1.15 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020655.D
Acq: 17 Mar 2021 15:18

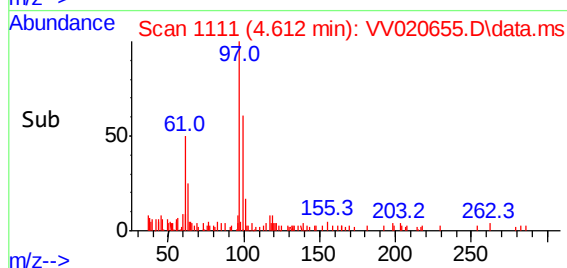
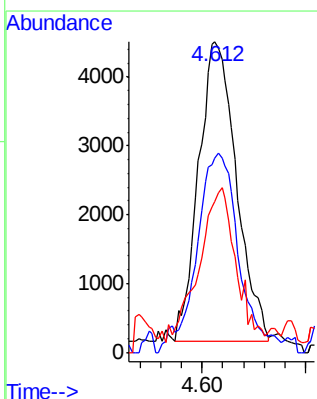
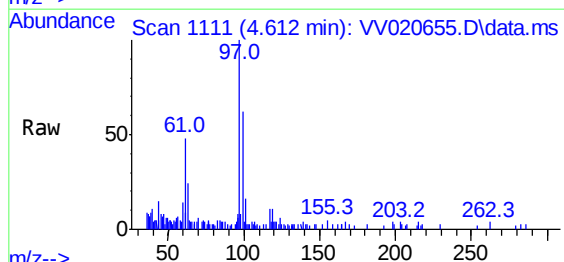
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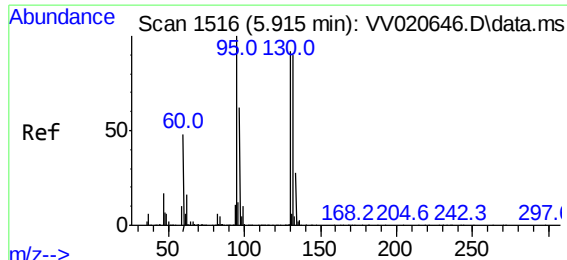
Tgt Ion: 83 Resp: 6927
Ion Ratio Lower Upper
83 100
85 63.0 44.2 82.2



#30
1,1,1-Trichloroethane
Concen: 2.21 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020655.D
Acq: 17 Mar 2021 15:18

Tgt Ion: 97 Resp: 11058
Ion Ratio Lower Upper
97 100
99 65.7 51.2 76.8
61 41.4 38.5 57.7





#34

Trichloroethene

Concen: 81.97 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020655.D

Acq: 17 Mar 2021 15:18

Instrument :

MSVOA_V

ClientSampleId :

C0BG5

Tgt Ion: 95 Resp: 288237

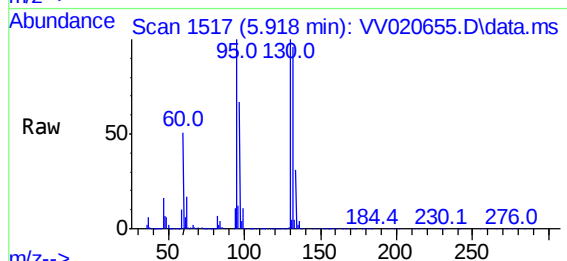
Ion Ratio Lower Upper

95 100

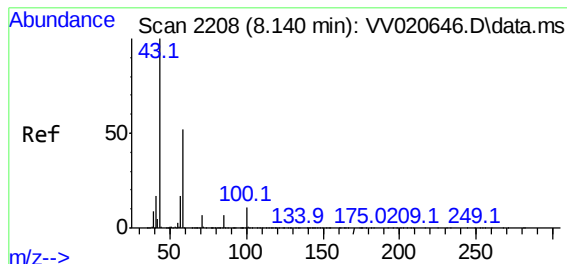
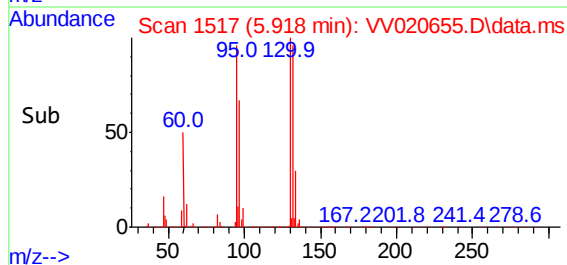
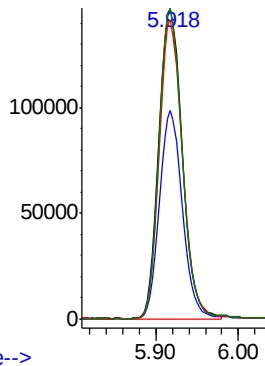
97 67.1 44.5 82.7

132 96.8 63.4 117.8

130 100.3 67.1 124.5



Abundance



#48

2-Hexanone

Concen: 2.74 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.009 min

Lab File: VV020655.D

Acq: 17 Mar 2021 15:18

Tgt Ion: 43 Resp: 10465

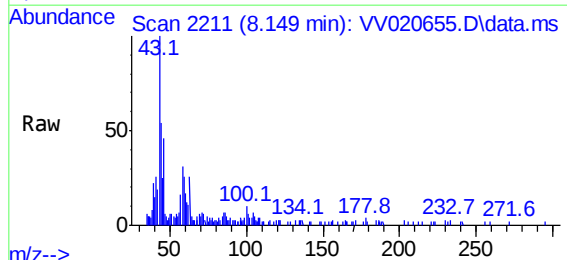
Ion Ratio Lower Upper

43 100

58 30.3 41.8 62.6#

57 12.7 15.0 22.4#

100 2.3 8.9 13.3#



Abundance

