

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018926.D
 Acq On : 15 Oct 2020 21:23
 Operator : SY/MD
 Sample : L4289-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 16 08:47:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326539	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320724	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124682	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.78%
7) Chloroethane-d5	1.58	69	102533	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.12	63	185462	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	3.91	46	176611	94.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.38	84	222526	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	159527	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
32) Benzene-d6	5.07	84	451619	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.09	67	147516	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.34	98	394895	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%
43) trans-1,3-Dichloropropene-	7.64	79	66232	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
47) 2-Hexanone-d5	8.11	63	91615	82.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.38%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	148487	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	155940	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

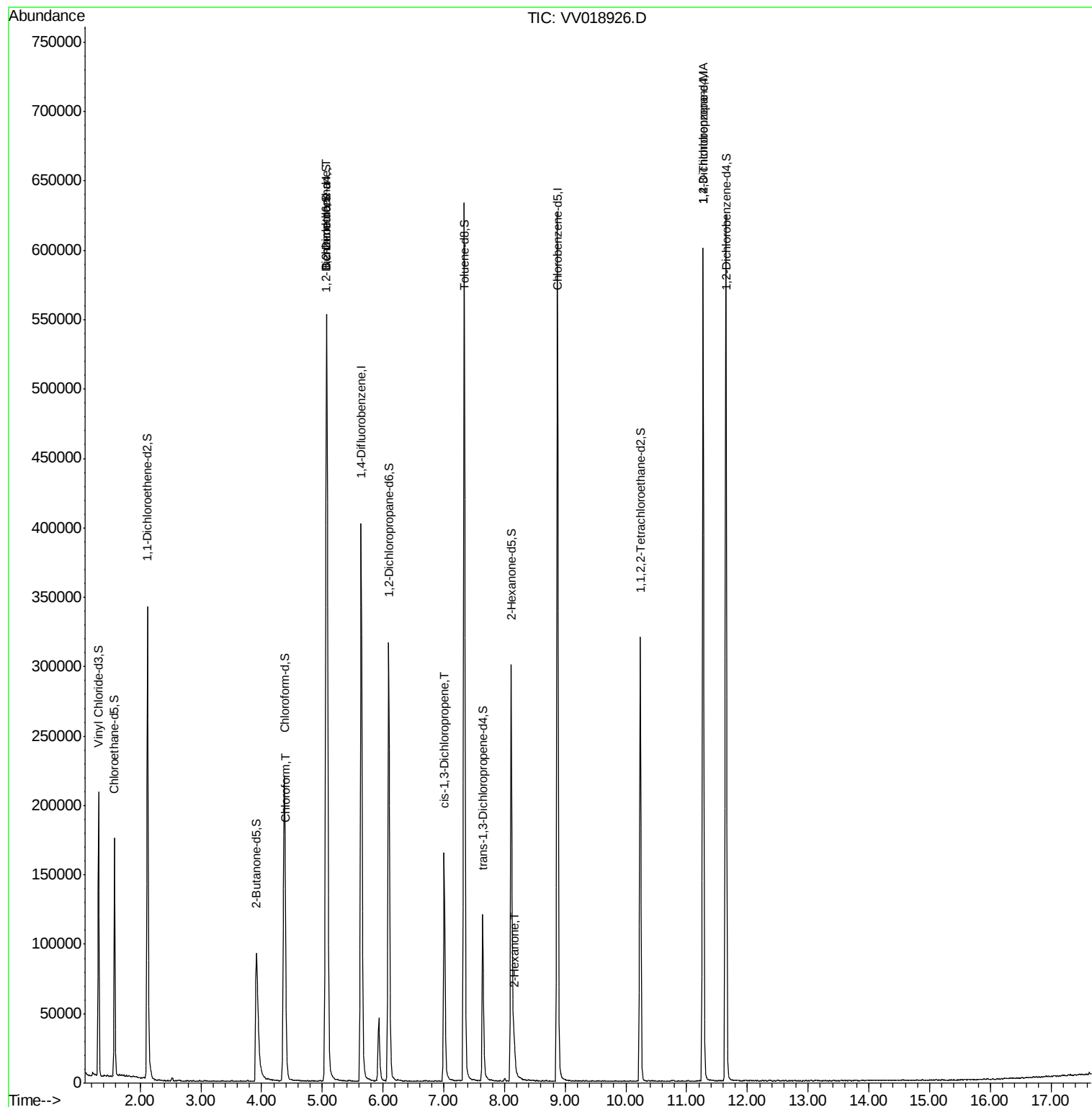
					Ovalue
25) Chloroform	4.40	83	4447	0.954 ug/L	88
27) 1,2-Dichloroethane	5.07	62	3101	0.814 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4102	1.037 ug/L #	51
48) 2-Hexanone	8.16	43	15264	5.304 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	18661	5.858 ug/L	94

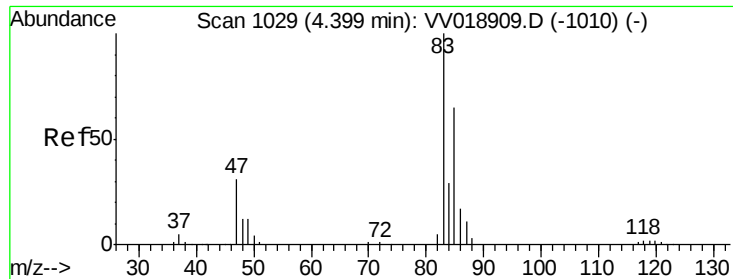
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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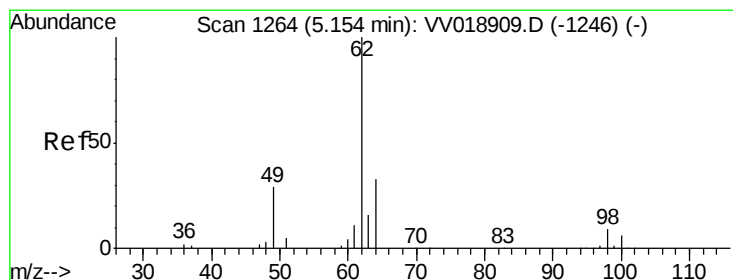
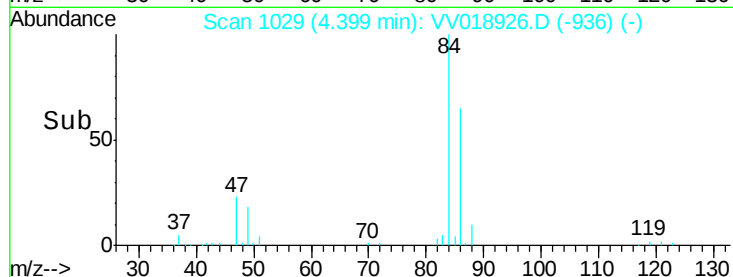
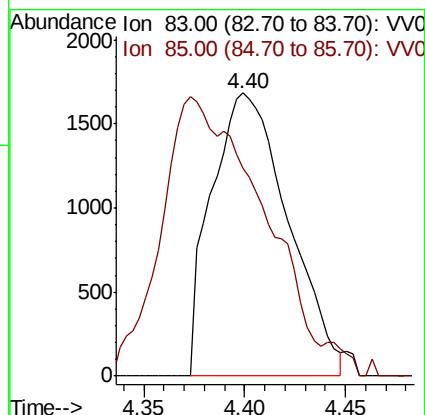
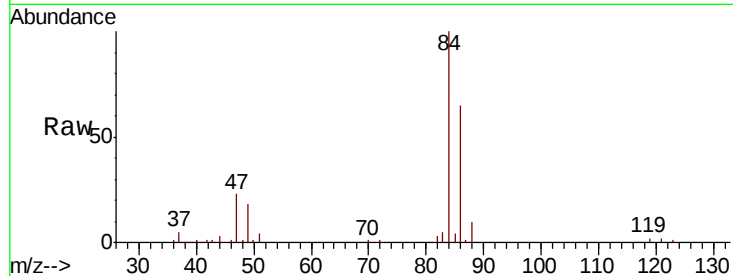




#25
Chloroform
Concen: 0.954 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV018926.D
Acq: 15 Oct 2020 21:23

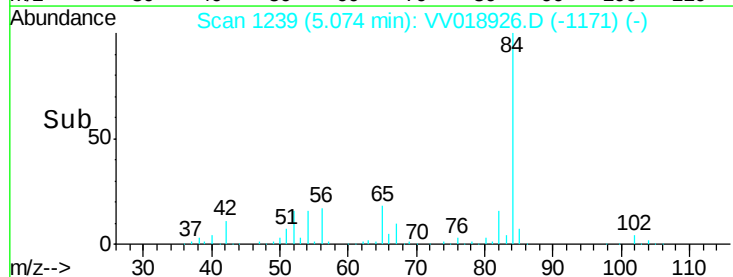
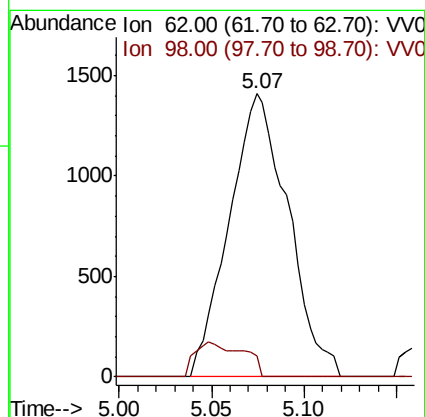
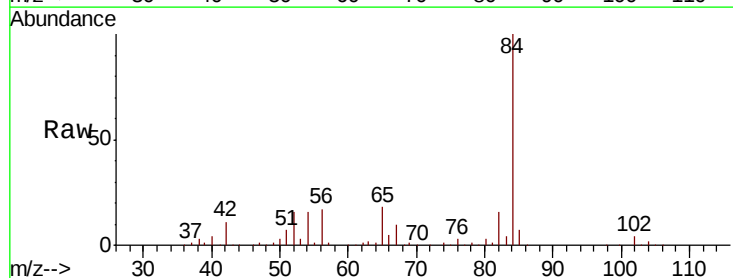
Instrument :
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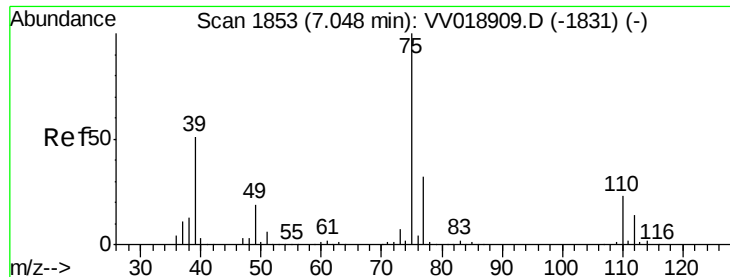
Tot Ion: 83 Resp: 4447
Ion Ratio Lower Upper
83 100
85 73.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.814 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV018926.D
Acq: 15 Oct 2020 21:23

Tgt Ion: 62 Resp: 3101
Ion Ratio Lower Upper
62 100
98 7.5 7.0 10.6

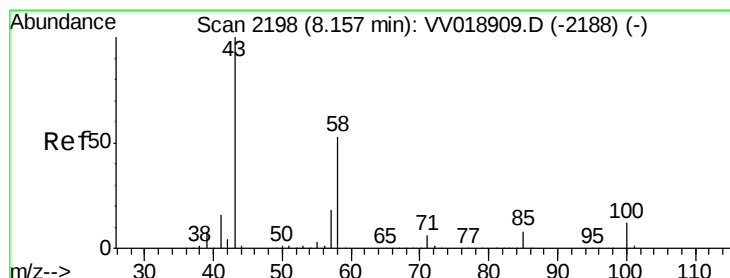
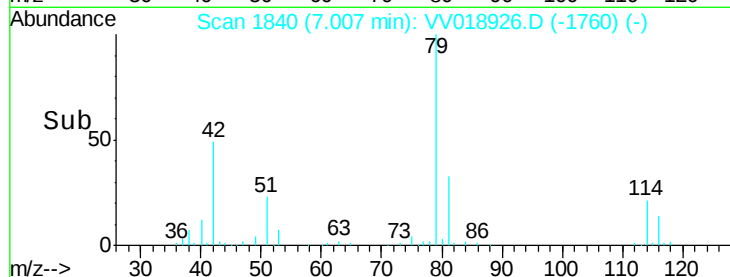
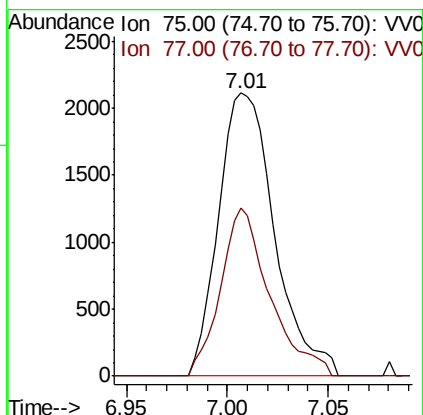
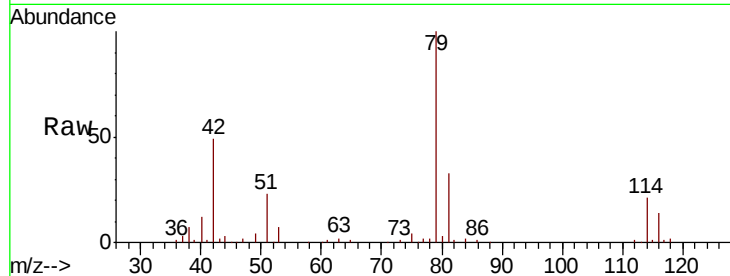




#39
 cis-1,3-Dichloropropene
 Concen: 1.037 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018926.D
 Acq: 15 Oct 2020 21:23

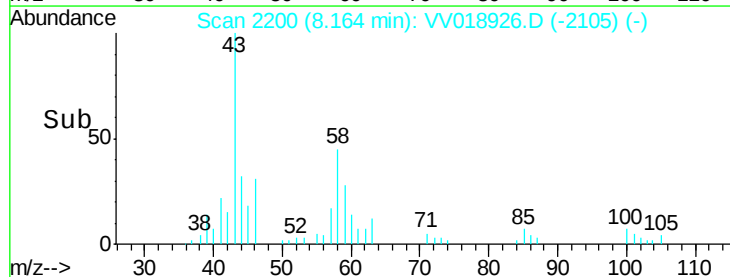
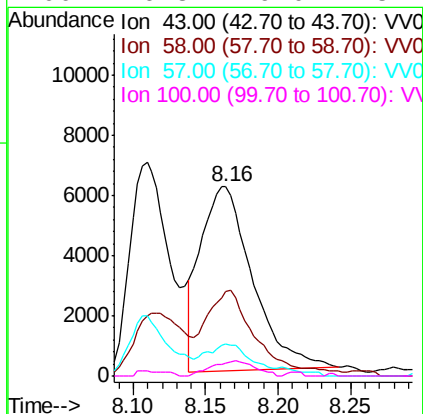
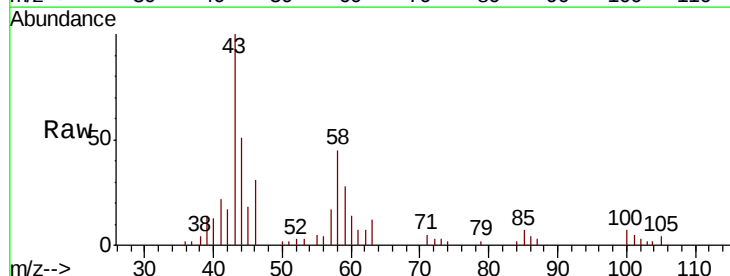
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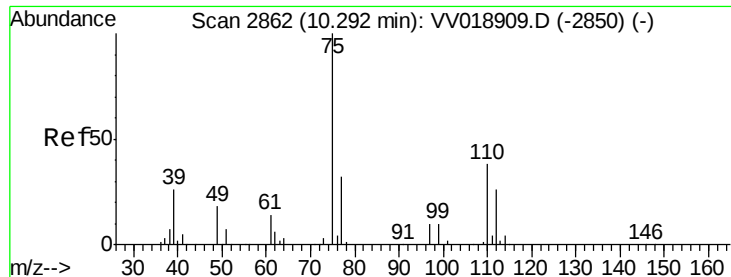
Tot Ion: 75 Resp: 4102
 Ion Ratio Lower Upper
 75 100
 77 59.6 22.5 41.9#



#48
 2-Hexanone
 Concen: 5.304 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018926.D
 Acq: 15 Oct 2020 21:23

Tgt Ion: 43 Resp: 15264
 Ion Ratio Lower Upper
 43 100
 58 37.7 42.5 63.7#
 57 10.1 14.5 21.7#
 100 6.8 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.858 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018926.D

Acq: 15 Oct 2020 21:23

Instrument :

MSVOA_V

ClientSampleId :

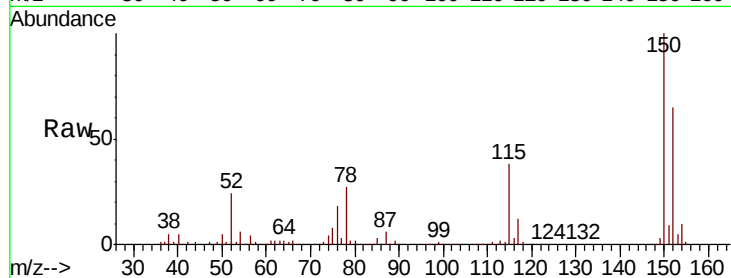
VHBLK01

Tot Ion: 75 Resp: 18661

Ion Ratio Lower Upper

75 100

77 34.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

