

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018296.D
 Acq On : 17 Sep 2020 22:08
 Operator : SY/MD
 Sample : L4043-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

Quant Time: Sep 18 08:06:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76725	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.50%
7) Chloroethane-d5	1.58	69	68095	37.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.30%
11) 1,1-Dichloroethene-d2	2.12	63	117608	28.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.24%#
21) 2-Butanone-d5	3.91	46	115677	84.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.37%
24) Chloroform-d	4.38	84	158053	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
26) 1,2-Dichloroethane-d4	5.06	65	105650	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.82%
32) Benzene-d6	5.08	84	313376	40.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.34%
36) 1,2-Dichloropropane-d6	6.09	67	102490	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.68%
41) Toluene-d8	7.34	98	278439	39.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.32%#
43) trans-1,3-Dichloropropene-	7.64	79	48373	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
47) 2-Hexanone-d5	8.11	63	81761	87.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136462	43.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	120956	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%

Target Compounds

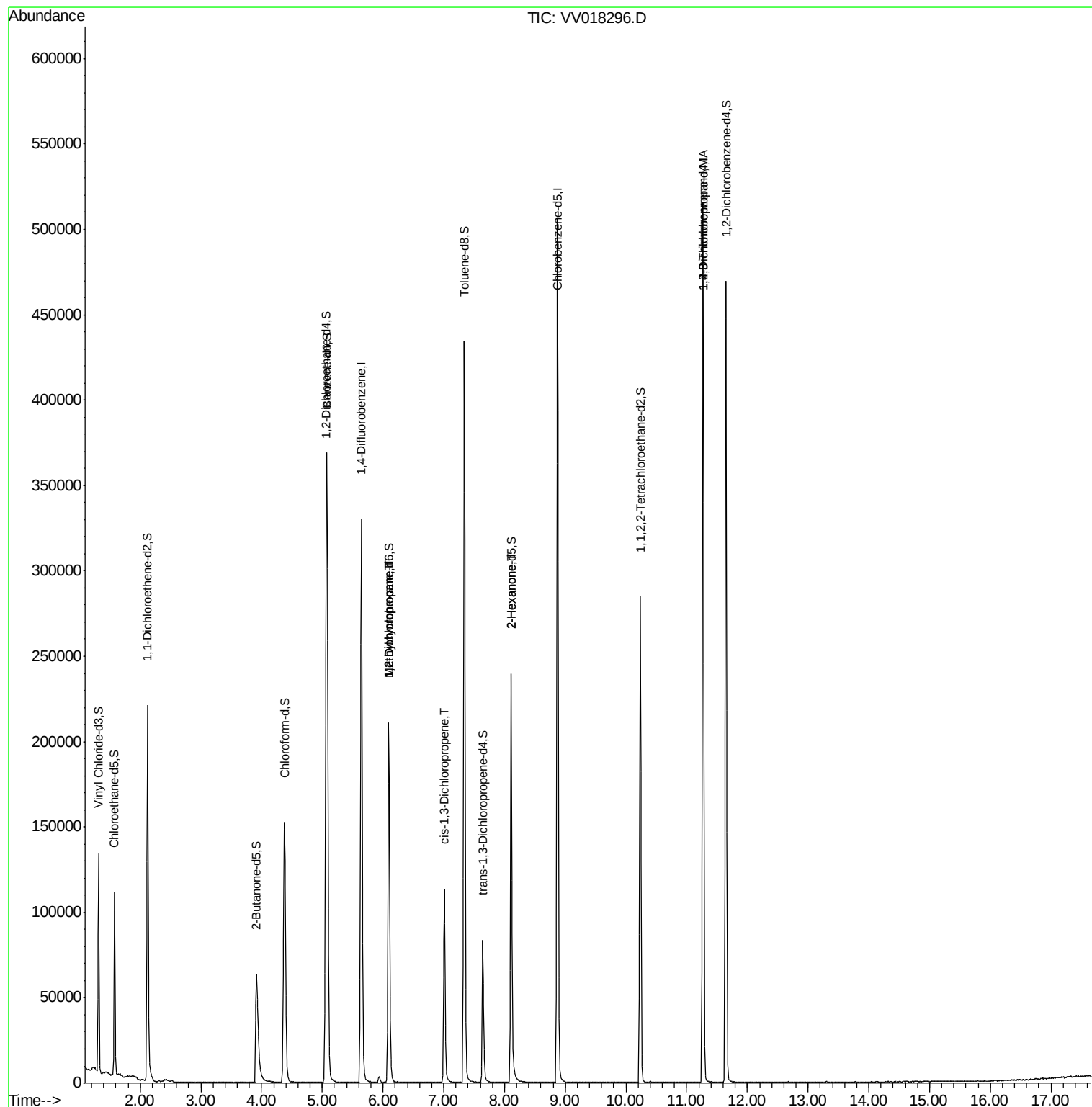
					Ovalue
35) Methylcyclohexane	6.10	83	24663	7.717 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11168	5.409 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2835	0.891 ug/L #	76
48) 2-Hexanone	8.11	43	9741	4.933 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	14981	6.169 ug/L	91

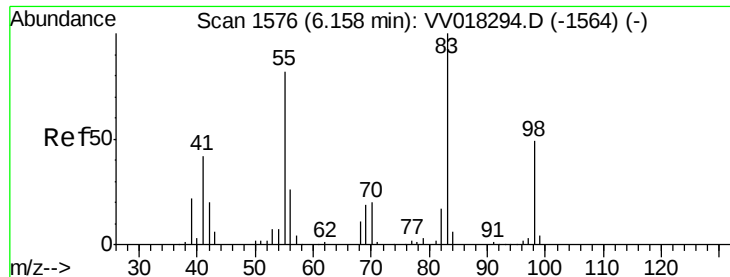
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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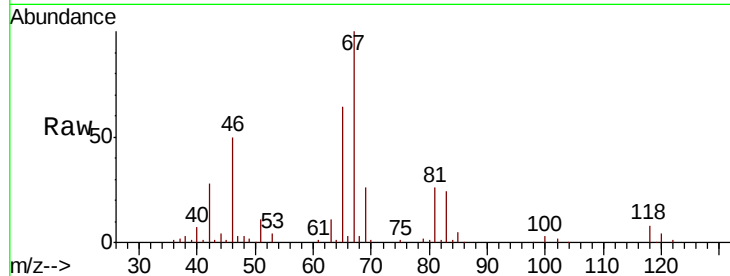




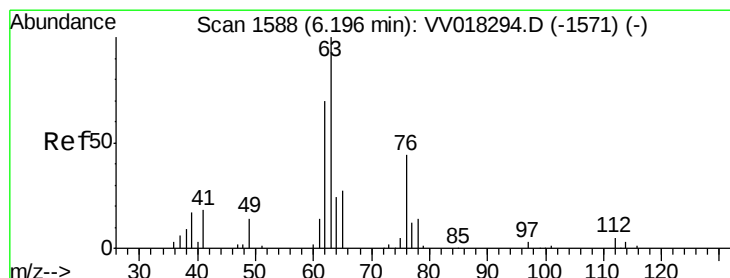
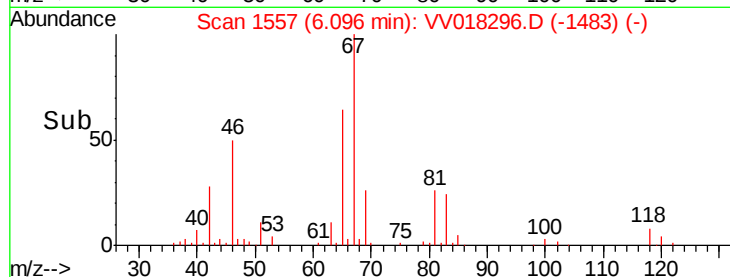
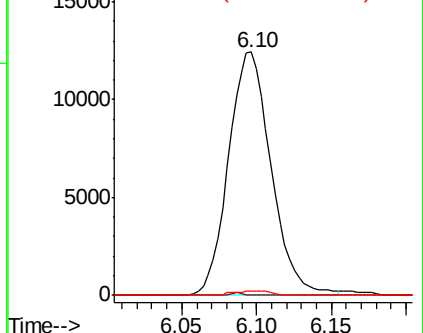
#35
Methvlcvclohexane
Concen: 7.717 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018296.D
Acq: 17 Sep 2020 22:08

Instrument :
MSVOA_V
ClientSampleId :
C0AE6

Tot Ion: 83 Resp: 24663
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.5 38.8 58.2#

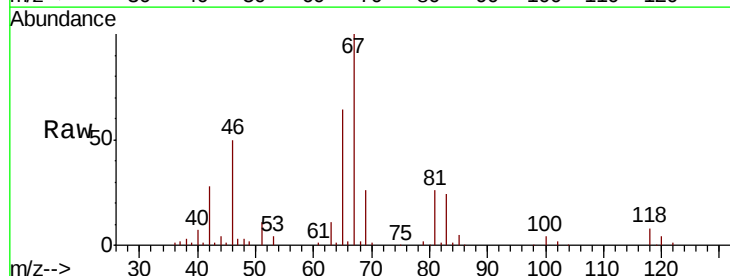


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

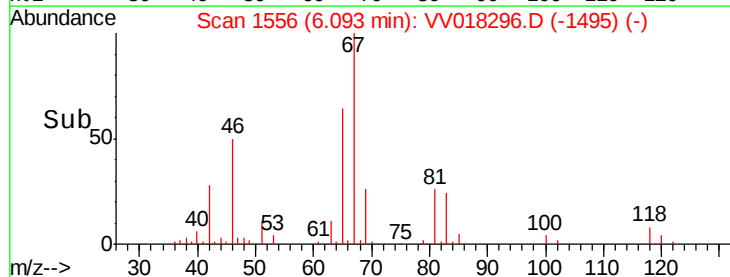
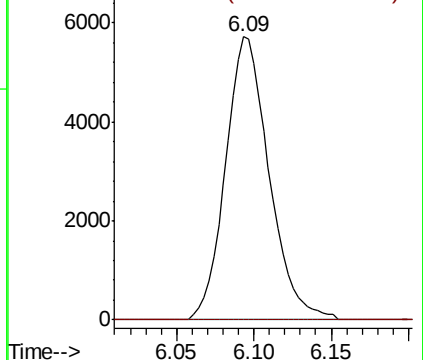


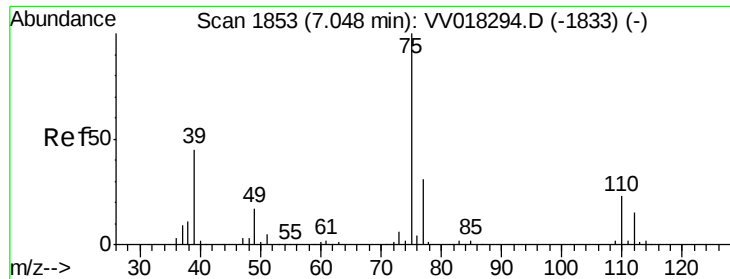
#37
1,2-Dichloropropane
Concen: 5.409 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018296.D
Acq: 17 Sep 2020 22:08

Tgt Ion: 63 Resp: 11168
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

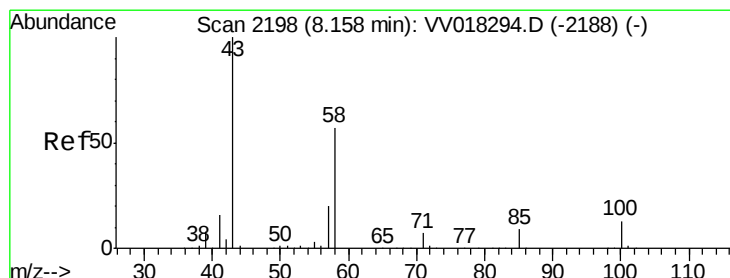
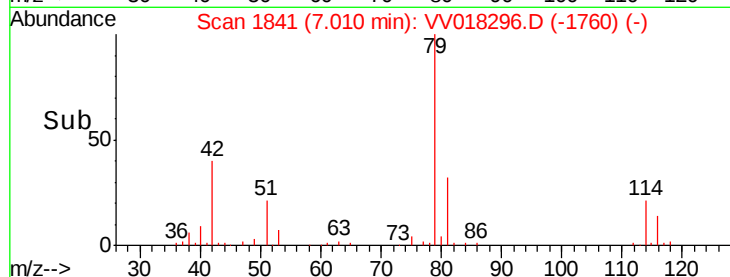
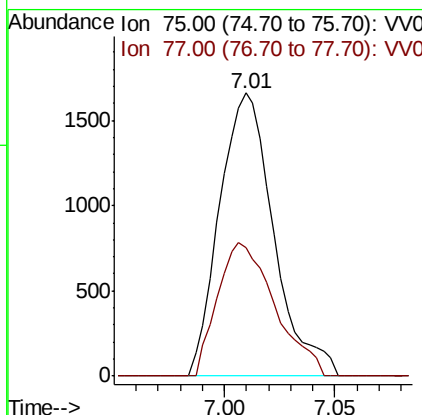
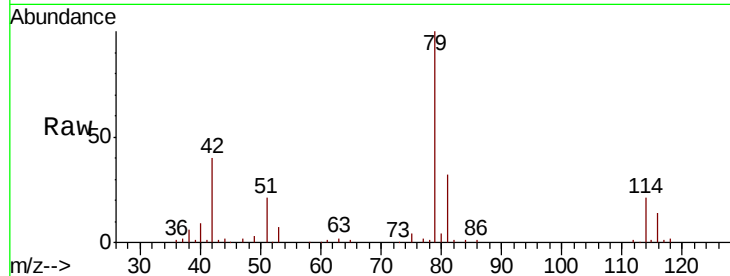




#39
 cis-1,3-Dichloropropene
 Concen: 0.891 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018296.D
 Acq: 17 Sep 2020 22:08

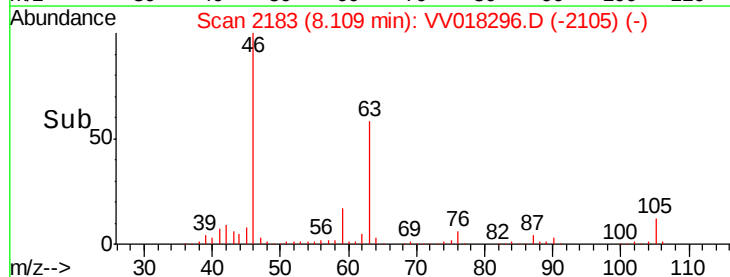
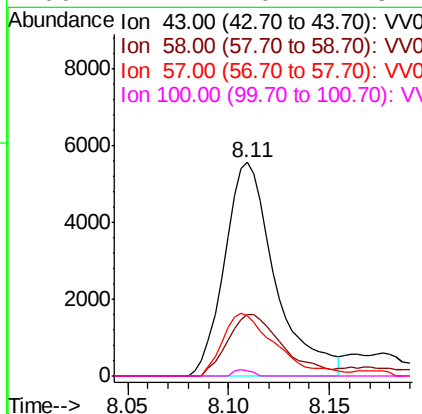
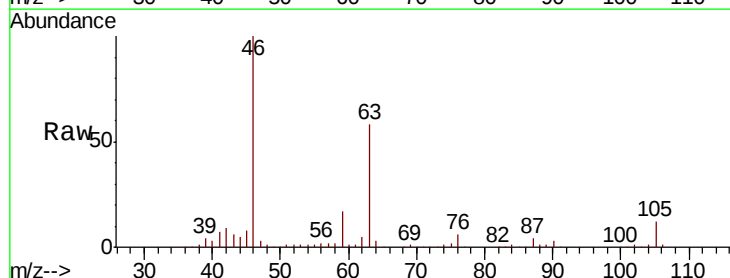
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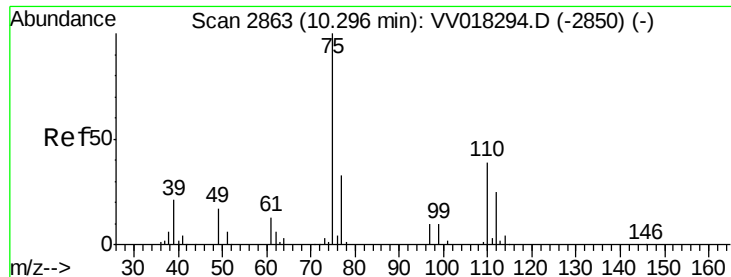
Tot Ion: 75 Resp: 2835
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.933 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018296.D
 Acq: 17 Sep 2020 22:08

Tgt Ion: 43 Resp: 9741
 Ion Ratio Lower Upper
 43 100
 58 31.1 44.8 67.2#
 57 30.9 15.8 23.6#
 100 1.1 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.169 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018296.D

Acq: 17 Sep 2020 22:08

Instrument :

MSVOA_V

ClientSampleId :

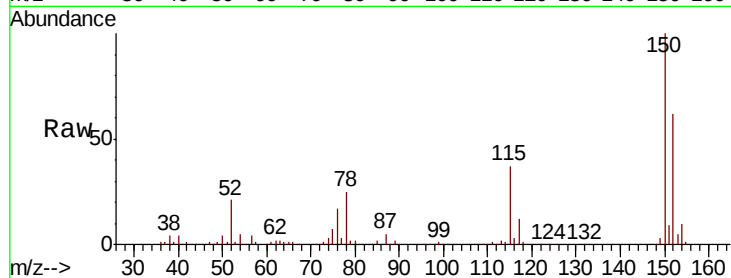
C0AE6

Tot Ion: 75 Resp: 14981

Ion Ratio Lower Upper

75 100

77 37.3 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

