

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009467.D
 Acq On : 26 Mar 2019 15:24
 Operator : SY/VA
 Sample : K2044-03
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:33:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100570	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88235	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.56%
7) Chloroethane-d5	2.89	69	99045	18.36	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.44%
10) 1,1-Dichloroethene-d2	4.01	63	144508	14.50	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	7.07	46	78601	41.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.44%
24) Chloroform-d	7.64	84	228030	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.30	65	144151	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.92%
29) Benzene-d6	8.27	84	409658	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.27	67	133491	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	334820	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.88%
38) trans-1,3-Dichloropropene-	10.58	79	52313	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.92	63	56370	42.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93607	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	81129	21.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.16%

Target Compounds

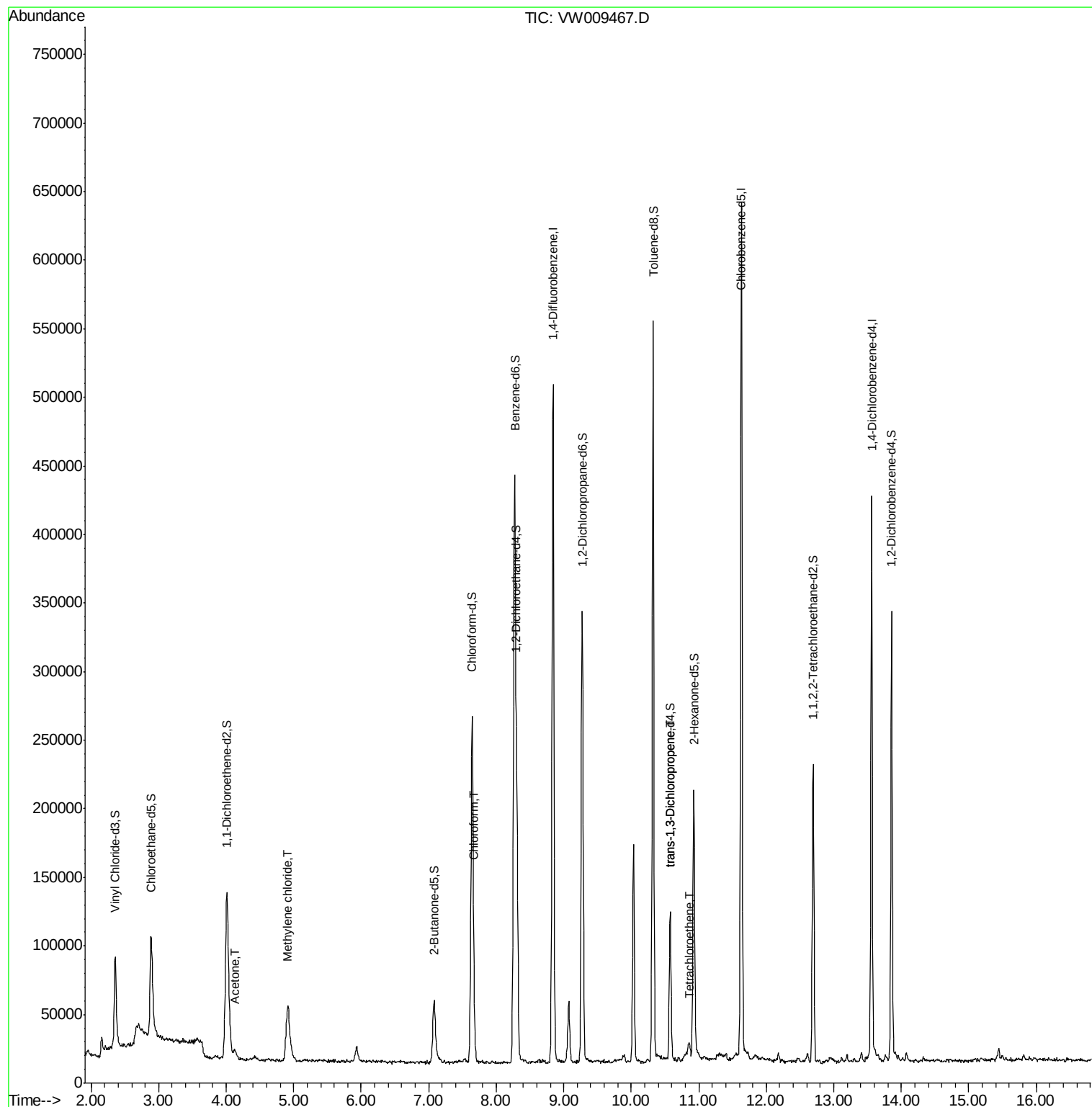
					Ovalue
13) Acetone	4.13	43	9758	6.241 ug/L	53
16) Methylene chloride	4.90	84	18294	3.252 ug/L	88
25) Chloroform	7.67	83	13136	1.377 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	2931	0.448 ug/L #	74
47) Tetrachloroethene	10.86	164	1819	0.449 ug/L	89

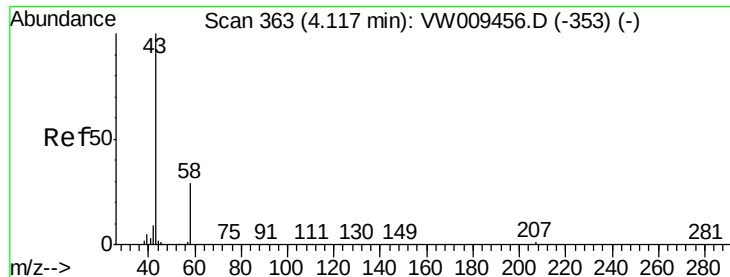
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.241 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009467.D

Acq: 26 Mar 2019 15:24

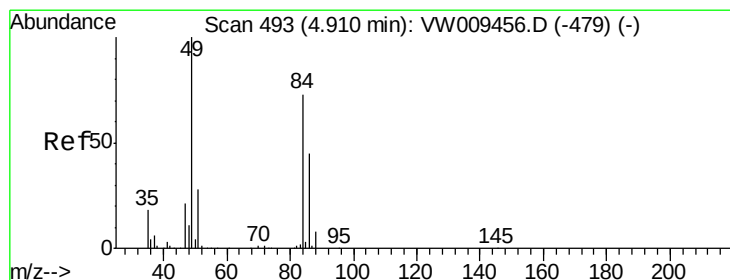
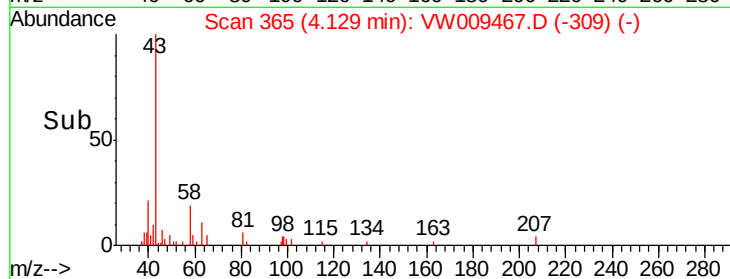
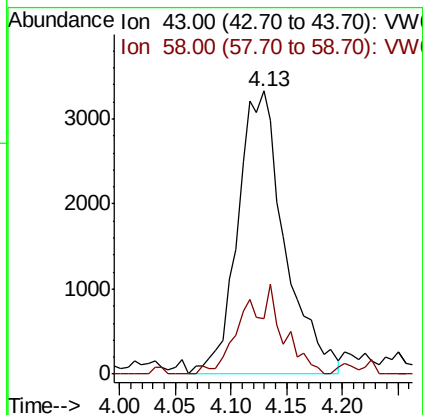
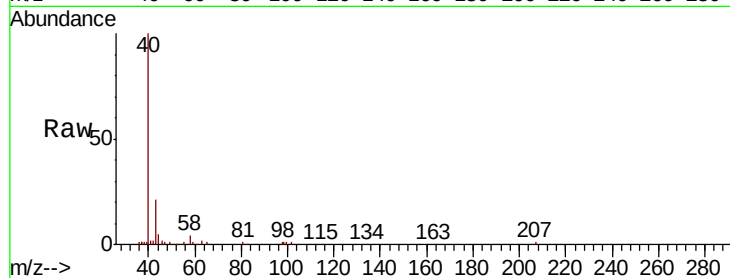
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 9758

Ion Ratio Lower Upper

43 100 0.0 56.2

58 3.6 0.0 56.2



#16

Methylene chloride

Concen: 3.252 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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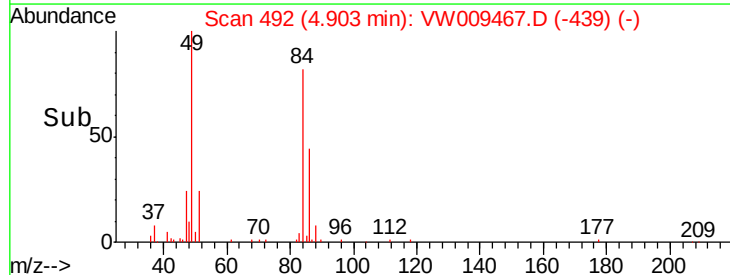
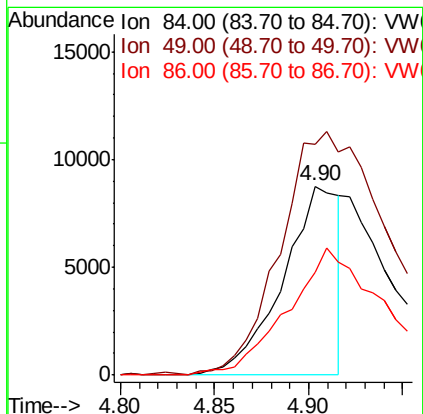
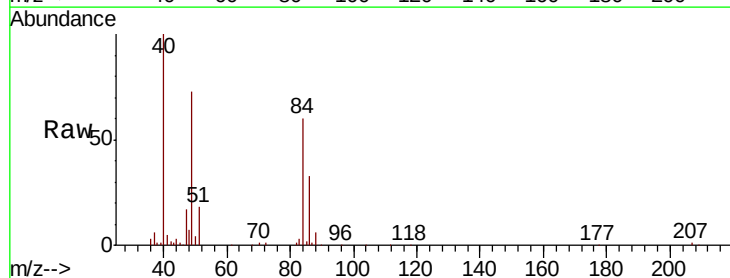
Tgt Ion: 84 Resp: 18294

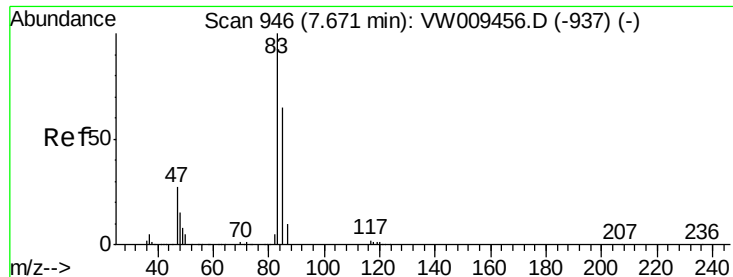
Ion Ratio Lower Upper

84 100 96.0 178.2

49 122.3 44.4 82.5

86 54.2 44.4 82.5

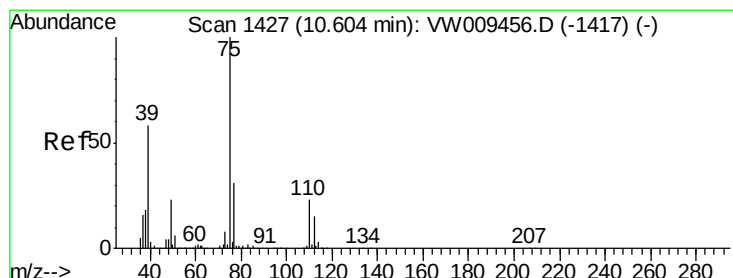
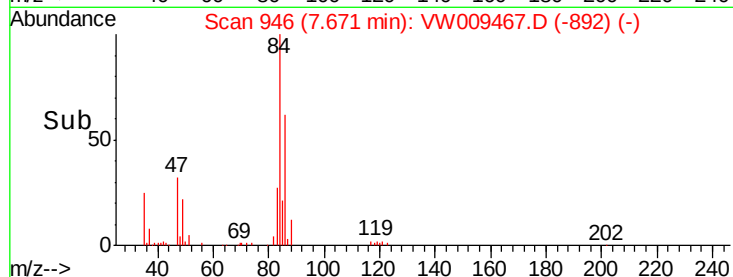
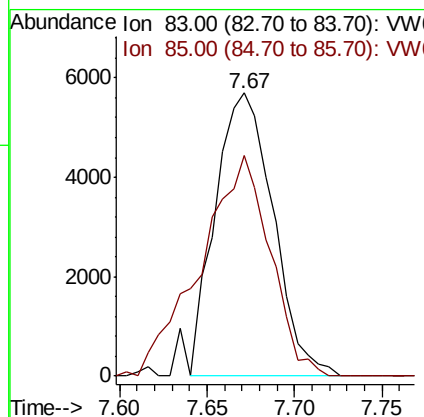
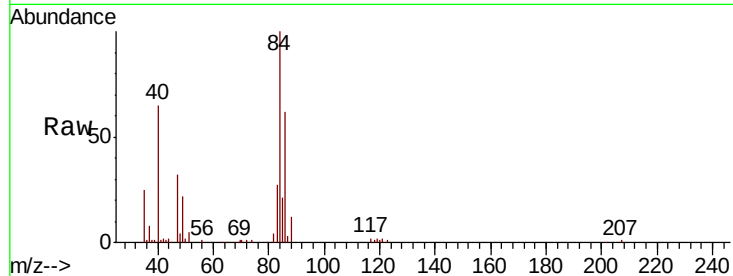




#25
Chloroform
Concen: 1.377 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW009467.D
Acq: 26 Mar 2019 15:24

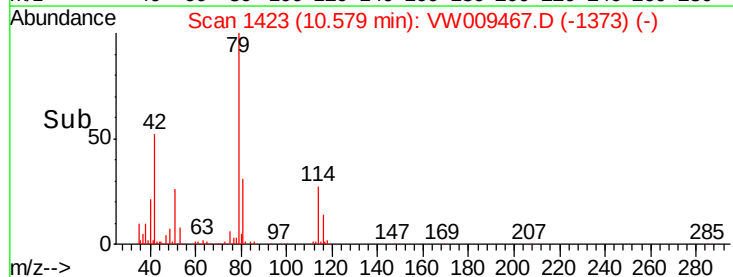
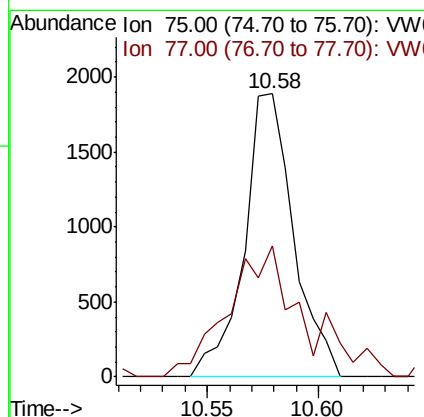
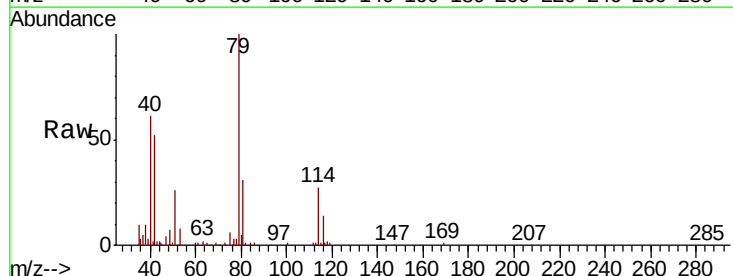
Instrument :
MSVOA_W
ClientSampleId :

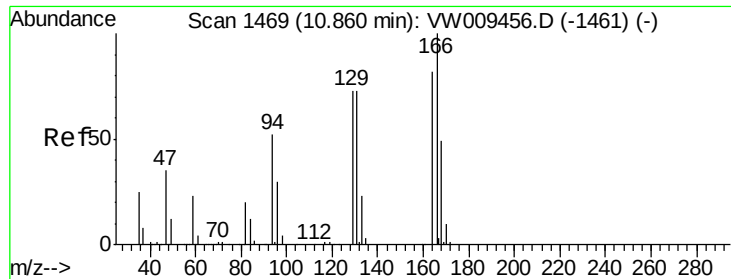
Tot Ion: 83 Resp: 13136
Ion Ratio Lower Upper
83 100
85 93.6 46.0 85.4#



#45
trans-1,3-Dichloropropene
Concen: 0.448 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009467.D
Acq: 26 Mar 2019 15:24

Tgt Ion: 75 Resp: 2931
Ion Ratio Lower Upper
75 100
77 46.5 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.449 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009467.D

Acq: 26 Mar 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1819

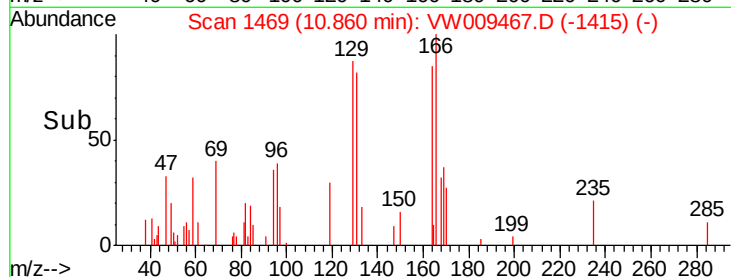
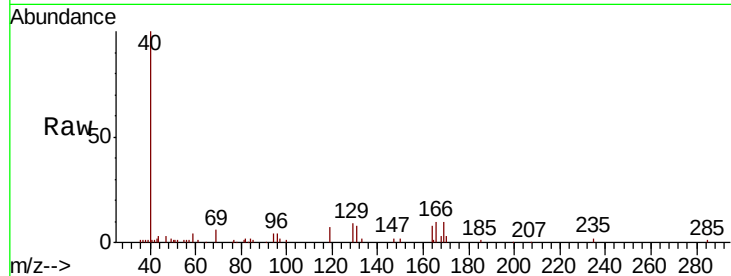
Ion Ratio Lower Upper

164 100

129 91.1 66.5 123.5

131 86.2 62.6 116.3

166 105.1 91.6 170.0



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

