

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\
 Data File : VU035926.D
 Acq On : 29 Nov 2019 16:35
 Operator : JC/SP
 Sample : K6056-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE18DL

Quant Time: Dec 11 07:33:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 30 03:20:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	222503	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121049	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	122059	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	158069	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.69	46	338967	50.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	5.11	84	228962	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.75	65	129214	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	429272	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.73	67	152824	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.93	98	333957	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	8.21	79	49530	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.68	63	255598	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	129071	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	103401	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

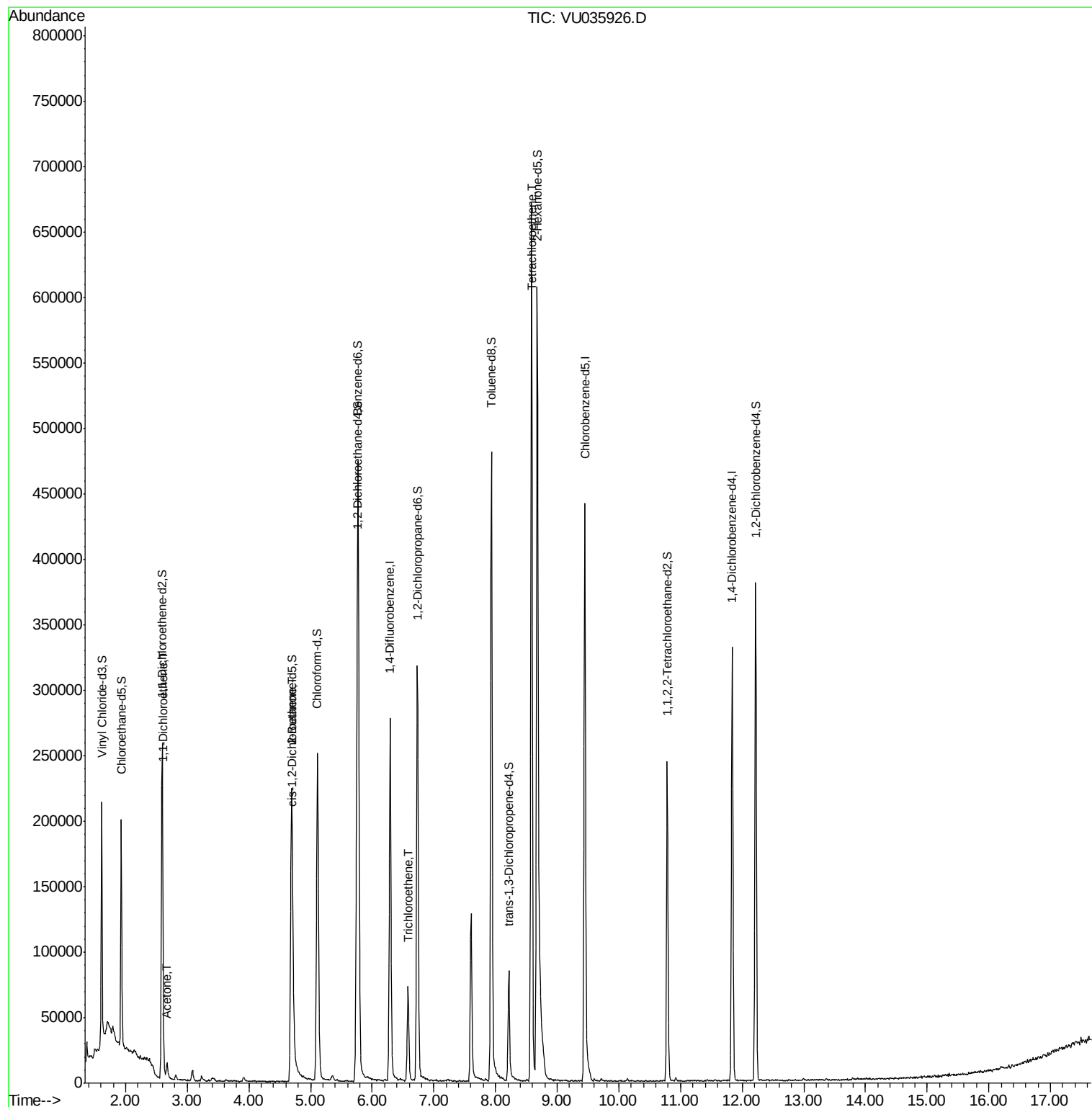
					Ovalue
12) 1,1-Dichloroethene	2.61	96	5891	0.254 ug/L #	1
13) Acetone	2.67	43	13581	2.299 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	8924	0.351 ug/L	98
34) Trichloroethene	6.58	95	24044	0.894 ug/L	95
47) Tetrachloroethene	8.58	164	153604	7.508 ug/L	97

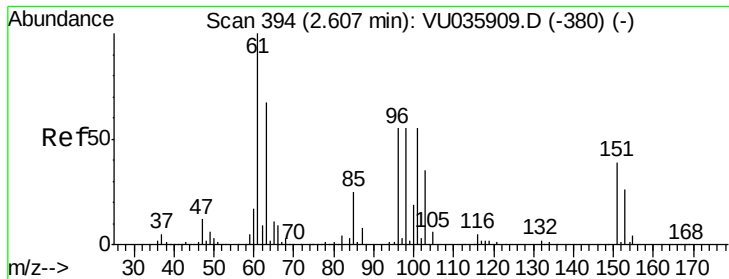
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.254 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035926.D

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Instrument :

MSVOA_U

ClientSampleId :

BFE18DL

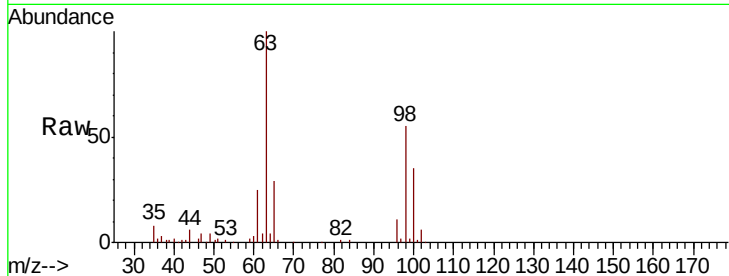
Tot Ion: 96 Resp: 5891

Ion Ratio Lower Upper

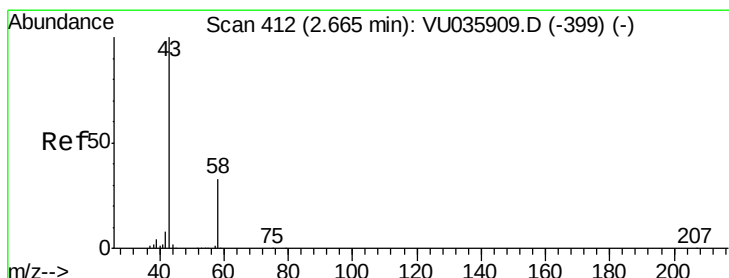
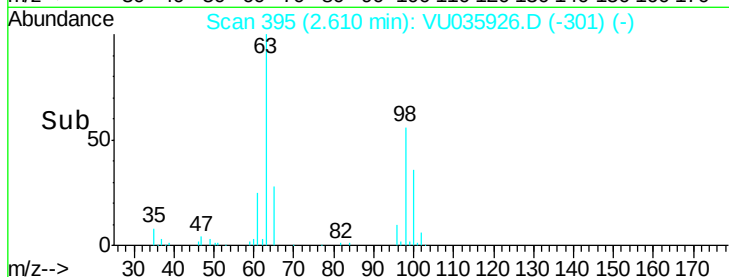
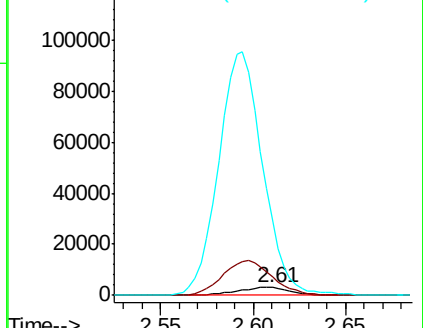
96 100

61 232.2 139.3 258.7

63 940.6 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 2.299 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035926.D

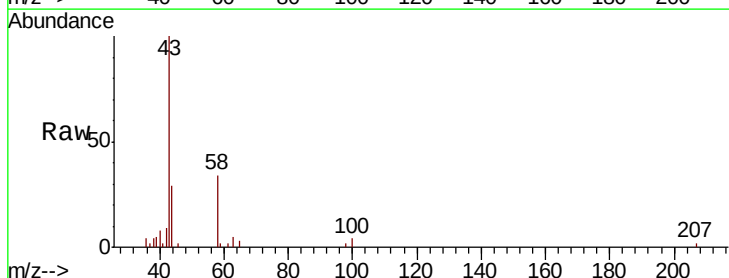
Acq: 29 Nov 2019 16:35

Tgt Ion: 43 Resp: 13581

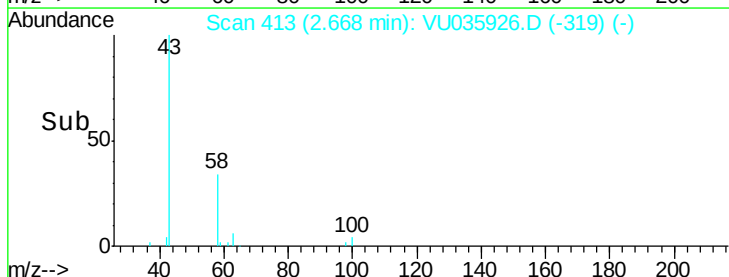
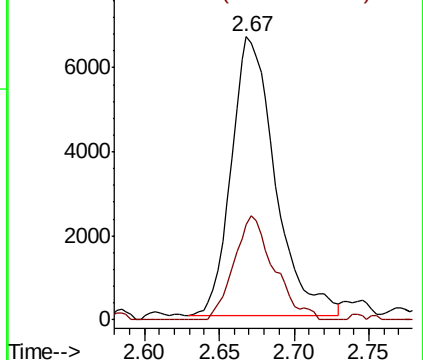
Ion Ratio Lower Upper

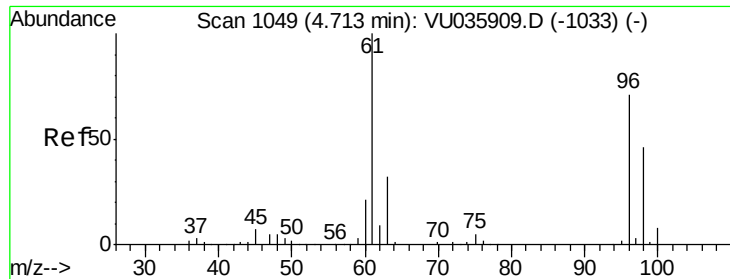
43 100

58 33.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.351 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035926.D

Acq: 29 Nov 2019 16:35

Instrument :

MSVOA_U

ClientSampleId :

BFE18DL

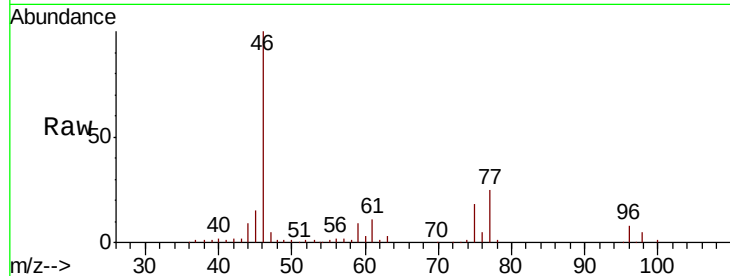
Tot Ion: 96 Resp: 8924

Ion Ratio Lower Upper

96 100

61 137.6 98.1 182.1

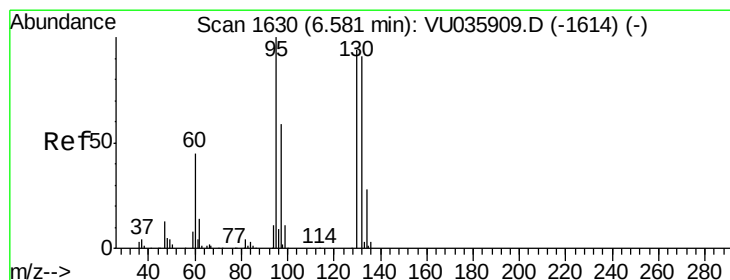
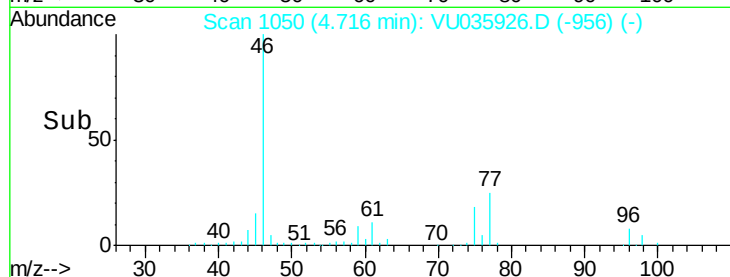
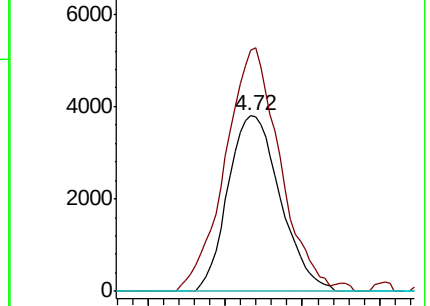
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035926.D (-1537) (-)

Ion 61.05 (60.75 to 61.75): VU035926.D (-1537) (-)

Ion 68.15 (67.85 to 68.85): VU035926.D (-1537) (-)



#34

Trichloroethene

Concen: 0.894 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035926.D

Acq: 29 Nov 2019 16:35

Tgt Ion: 95 Resp: 24044

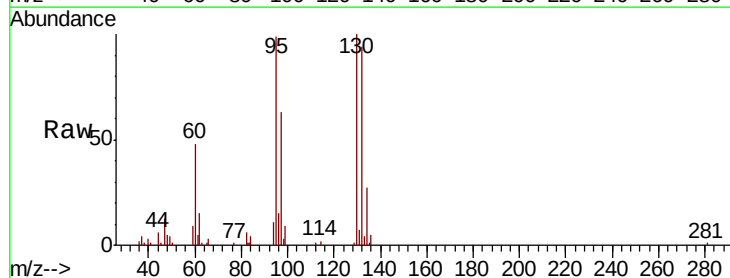
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.9

132 94.6 61.9 114.9

130 101.2 66.3 123.1

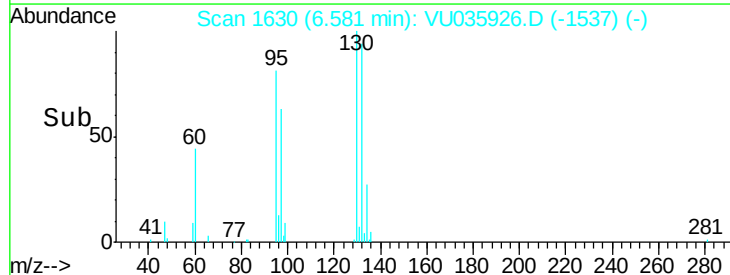
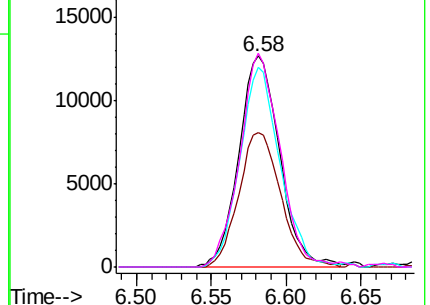


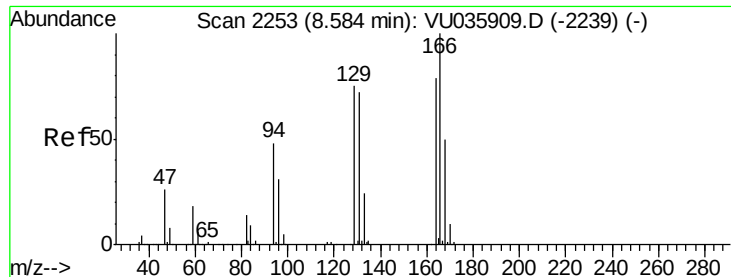
Abundance Ion 95.00 (94.70 to 95.70): VU035926.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035926.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035926.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035926.D (-1537) (-)





#47

Tetrachloroethene

Concen: 7.508 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035926.D

Acq: 29 Nov 2019 16:35

Instrument :

MSVOA_U

ClientSampleId :

BFE18DL

Tot Ion:164 Resp: 153604

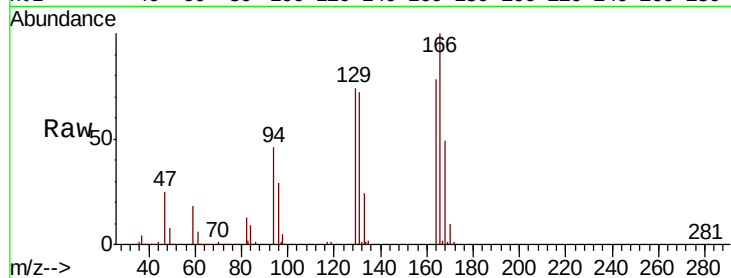
Ion Ratio Lower Upper

164 100

129 94.5 68.8 127.8

131 92.1 67.3 124.9

166 127.7 91.6 170.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

