

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031579.D
 Acq On : 29 Apr 2019 12:26
 Operator : JC/SP
 Sample : K2536-17 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

Quant Time: Apr 30 02:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	608060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	592362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	308020	60.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.06%
7) Chloroethane-d5	1.68	69	255220	64.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.80%
11) 1,1-Dichloroethene-d2	2.27	63	465026	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
21) 2-Butanone-d5	4.19	46	630458	136.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.73%#
24) Chloroform-d	4.64	84	558083	59.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.76%
26) 1,2-Dichloroethane-d4	5.31	65	386352	63.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.90%#
32) Benzene-d6	5.34	84	1094964	60.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.40%
36) 1,2-Dichloropropane-d6	6.33	67	391350	61.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.30%#
41) Toluene-d8	7.56	98	929147	58.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.30%
43) trans-1,3-Dichloropropene-	7.85	79	161846	58.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.82%
47) 2-Hexanone-d5	8.31	63	361981	130.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.68%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	504884	58.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	301020	65.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.40%#

Target Compounds

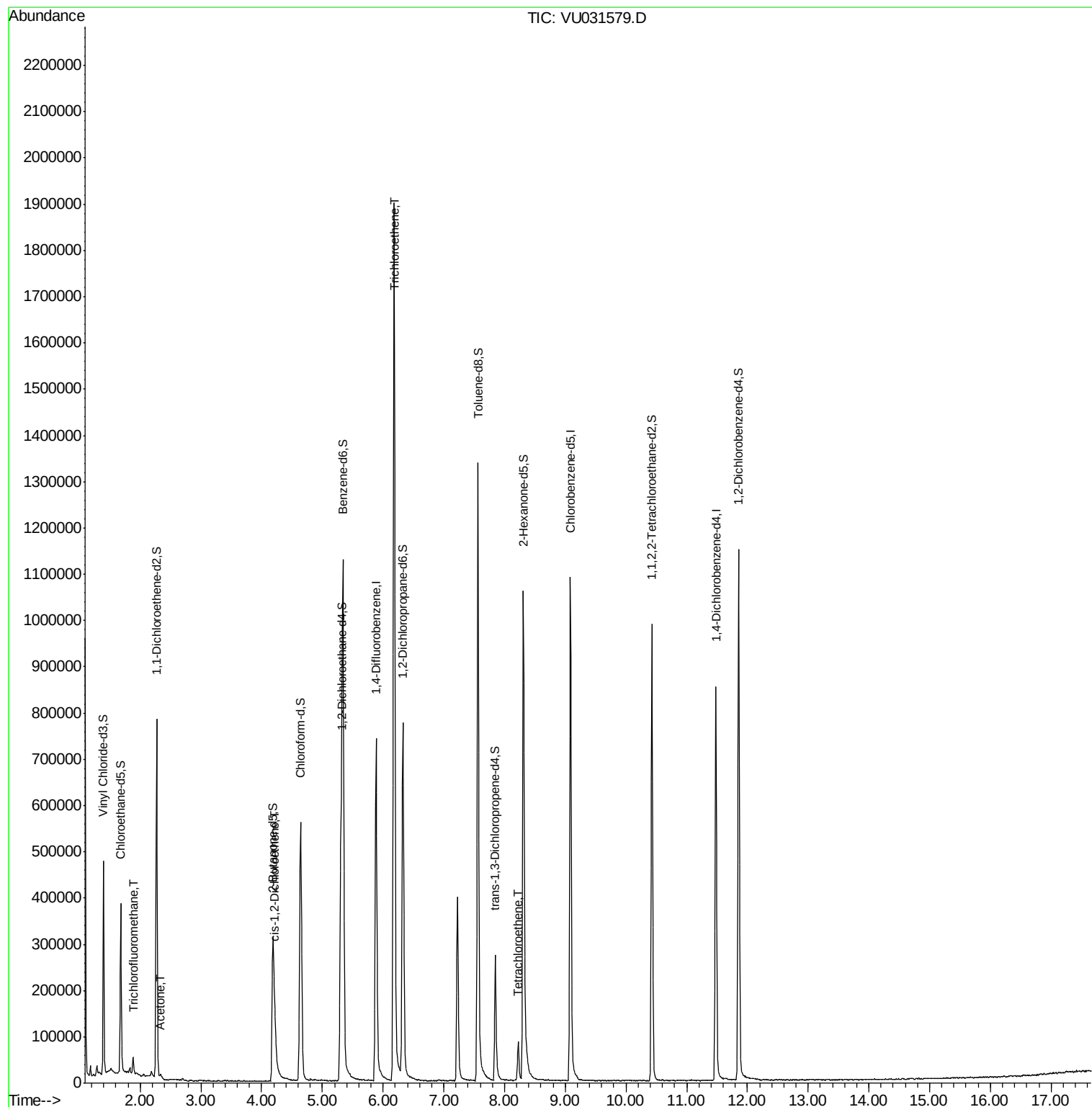
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	17091	1.982	ug/L	100
13) Acetone	2.34	43	6775	1.304	ug/L	80
20) cis-1,2-Dichloroethene	4.22	96	12177	2.296	ug/L	95
34) Trichloroethene	6.18	95	703859	133.326	ug/L	96
46) Tetrachloroethene	8.22	164	20048	5.570	ug/L	92

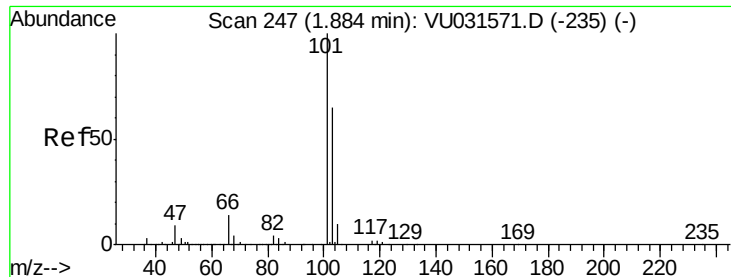
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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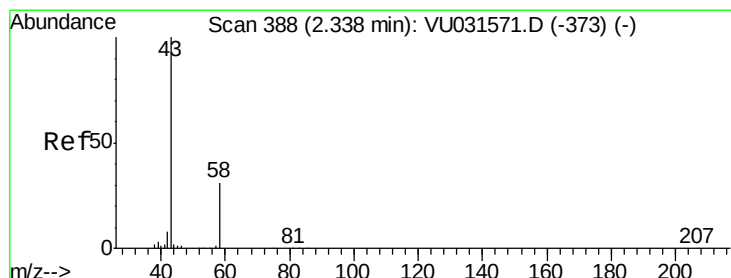
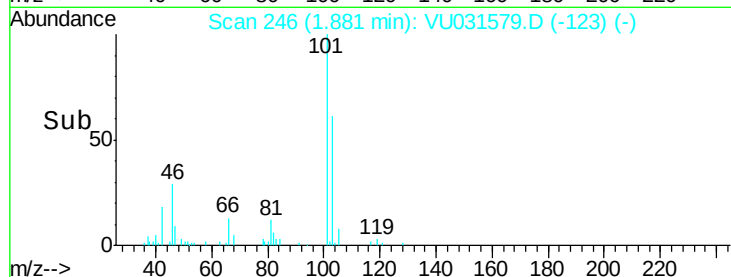
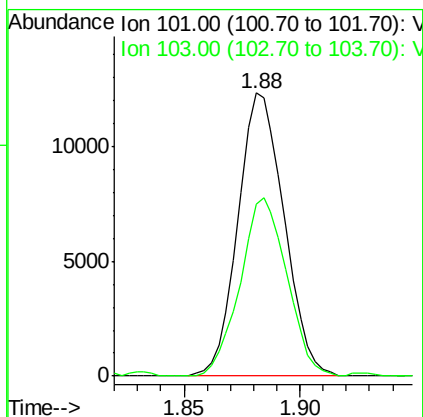
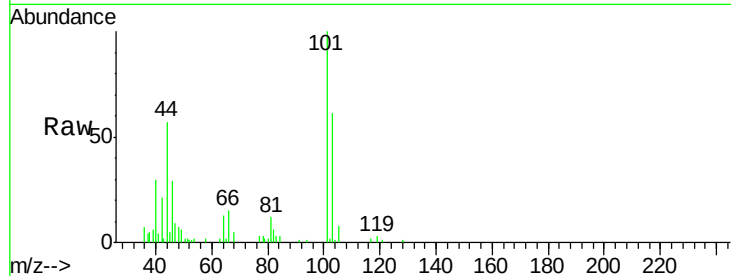


#9

Trichlorofluoromethane
 Concen: 1.982 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031579.D
 Acq: 29 Apr 2019 12:26

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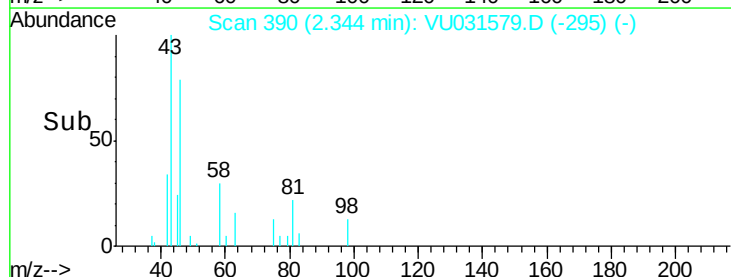
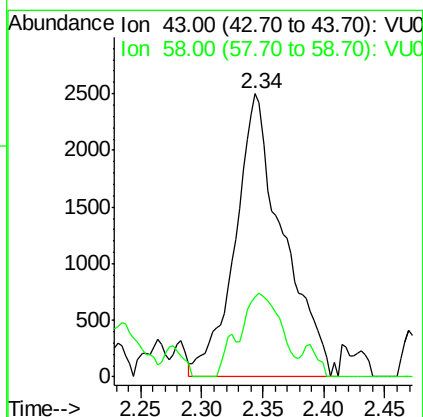
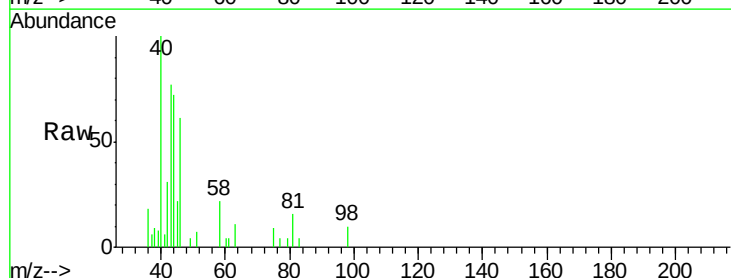
Tot Ion:101 Resp: 17091
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.8 76.2

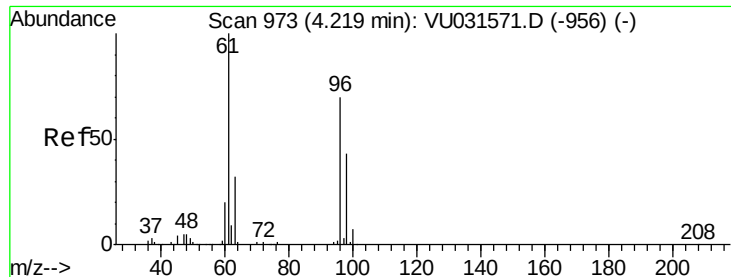


#13

Acetone
 Concen: 1.304 ug/L
 RT: 2.34 min Scan# 390
 Delta R.T. 0.01 min
 Lab File: VU031579.D
 Acq: 29 Apr 2019 12:26

Tgt Ion: 43 Resp: 6775
 Ion Ratio Lower Upper
 43 100
 58 21.3 0.0 64.4





#20

cis-1,2-Dichloroethene

Concen: 2.296 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031579.D

Acq: 29 Apr 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

C0X05

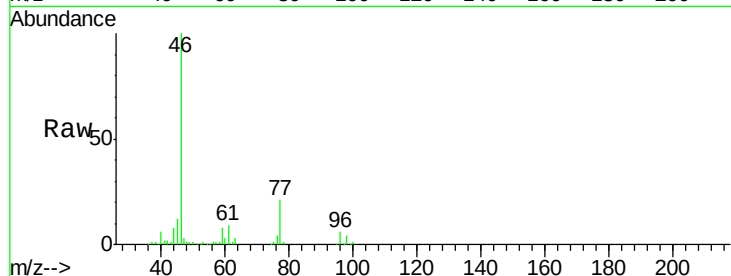
Tot Ion: 96 Resp: 12177

Ion Ratio Lower Upper

96 100

61 148.1 99.5 184.7

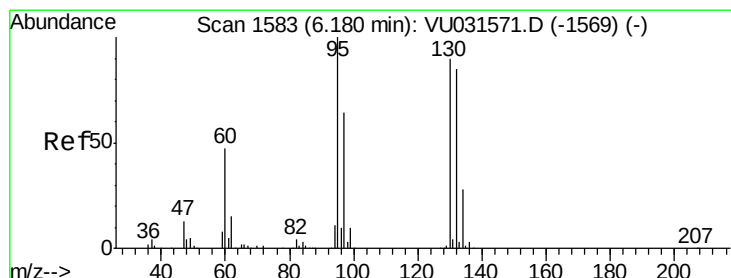
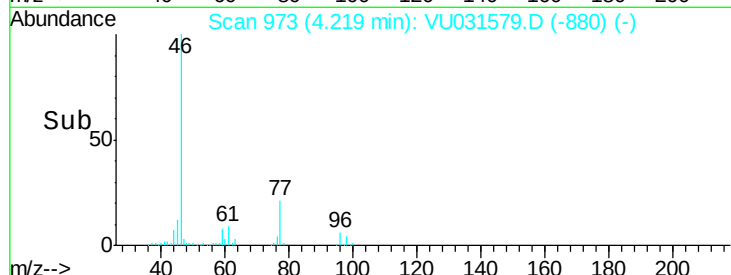
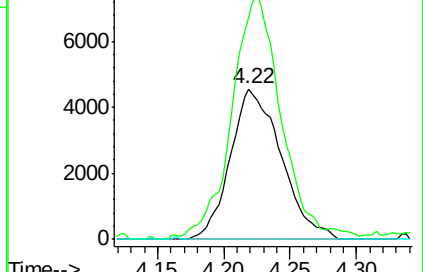
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031579.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU031579.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031579.D (-880) (-)



#34

Trichloroethene

Concen: 133.326 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031579.D

Acq: 29 Apr 2019 12:26

Tgt Ion: 95 Resp: 703859

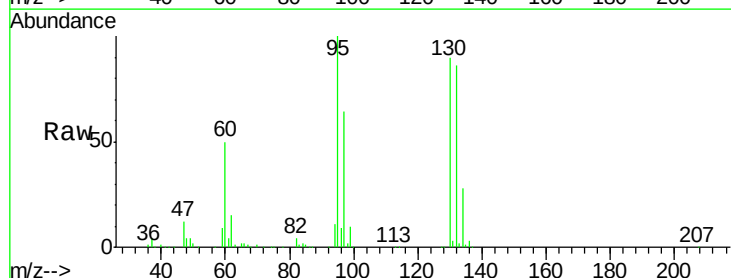
Ion Ratio Lower Upper

95 100

97 63.7 44.8 83.2

132 86.4 63.1 117.1

130 89.8 66.5 123.5

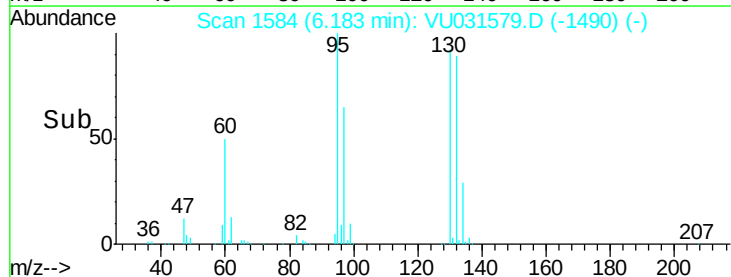
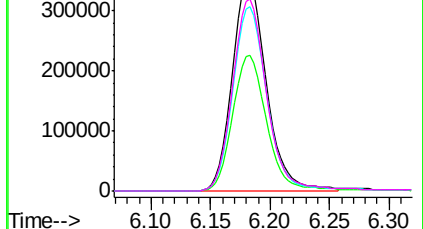


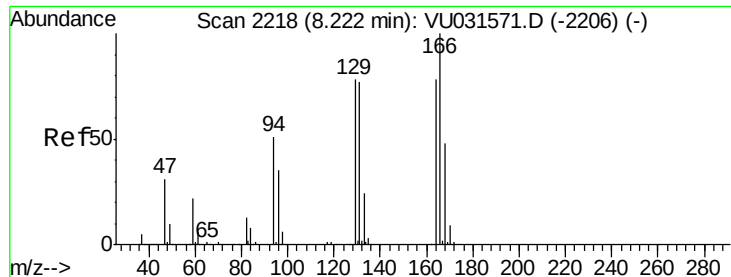
Abundance Ion 95.00 (94.70 to 95.70): VU031579.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU031579.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031579.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031579.D (-1490) (-)





#46

Tetrachloroethene

Concen: 5.570 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031579.D

Acq: 29 Apr 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

C0X05

Tot Ion:164 Resp: 20048

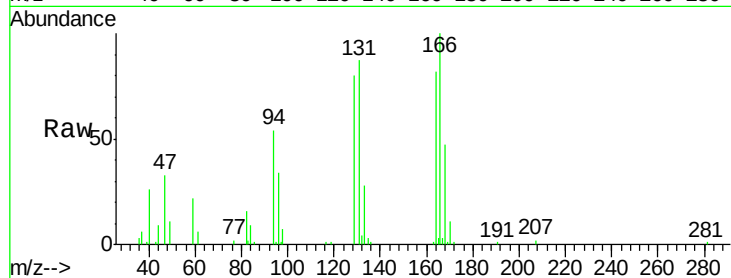
Ion Ratio Lower Upper

164 100

129 97.2 71.5 132.9

131 105.7 69.0 128.2

166 121.3 93.7 173.9



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

