

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009596.D
 Acq On : 30 Mar 2019 17:56
 Operator : SY/VA
 Sample : K2167-11
 Misc : 6.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF112

Quant Time: Mar 30 21:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	423061	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408399	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182903	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	147075	29.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.36%
7) Chloroethane-d5	2.89	69	143193	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
10) 1,1-Dichloroethene-d2	4.01	63	256767	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.00%
20) 2-Butanone-d5	7.08	46	90514	43.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.58%
24) Chloroform-d	7.64	84	305632	26.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	8.31	65	190552	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.60%
29) Benzene-d6	8.27	84	575733	25.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.24%
33) 1,2-Dichloropropane-d6	9.27	67	175560	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.80%
37) Toluene-d8	10.32	98	512448	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
38) trans-1,3-Dichloropropene-	10.58	79	74951	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	10.93	63	70283	42.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155631	23.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	187304	26.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.84%

Target Compounds

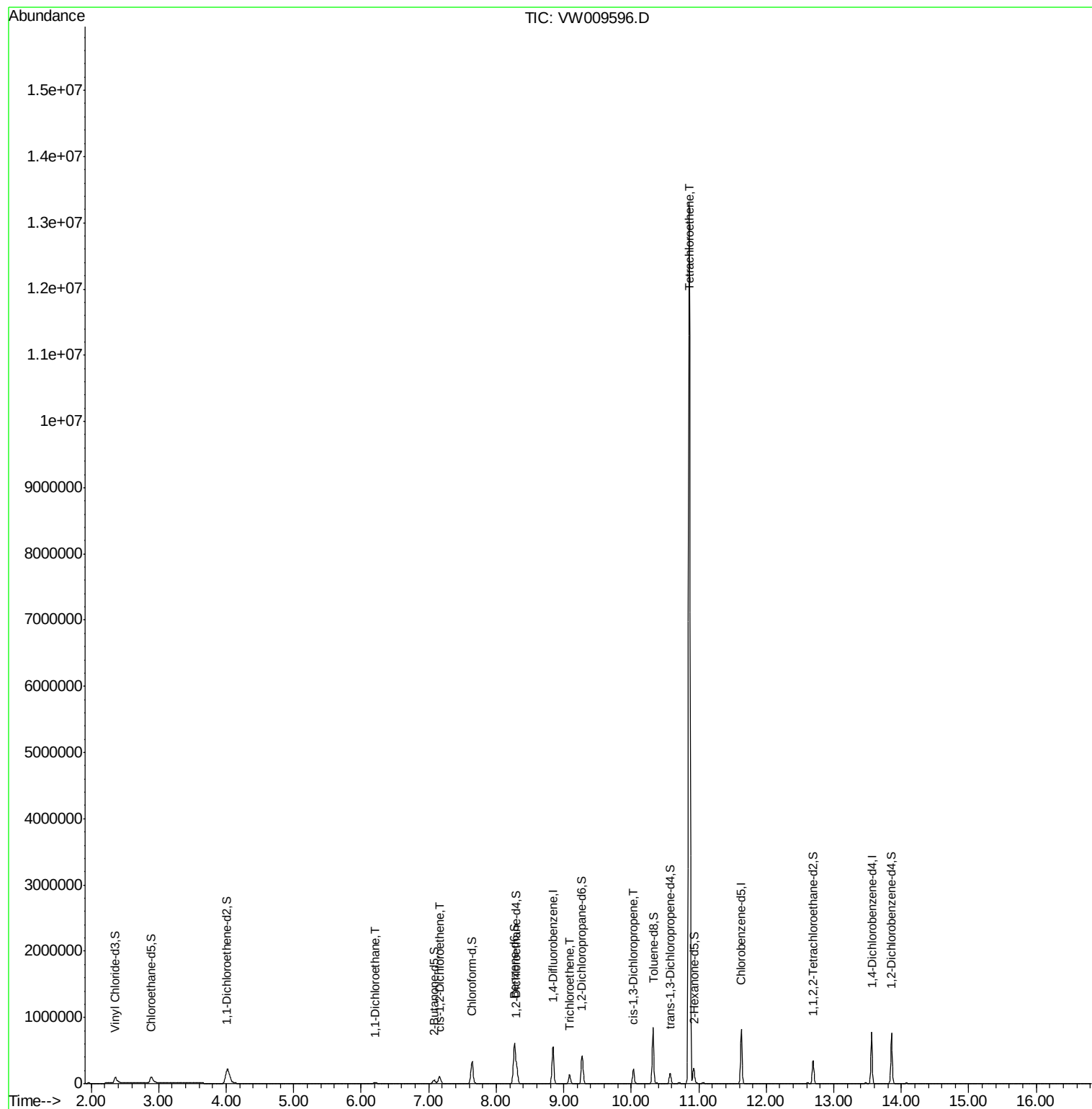
					Qvalue
19) 1,1-Dichloroethane	6.21	63	22464	2.249 ug/L #	93
22) cis-1,2-Dichloroethene	7.16	96	47062	7.932 ug/L	88
35) Trichloroethene	9.09	95	41947	7.042 ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	6576	0.704 ug/L #	63
47) Tetrachloroethene	10.86	164	2575757	511.793 ug/L	97

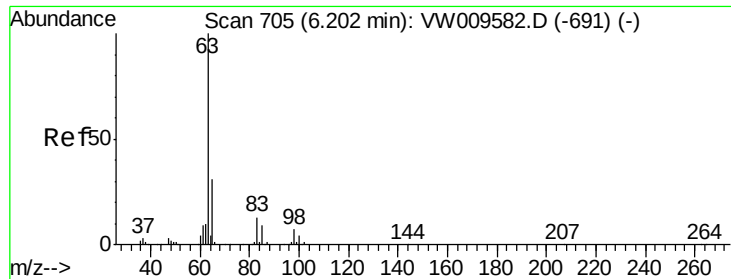
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 2.249 ug/L

RT: 6.21 min Scan# 706

Delta R.T. 0.01 min

Lab File: VW009596.D

Acq: 30 Mar 2019 17:56

Instrument :

MSVOA_W

ClientSampleId :

BF112

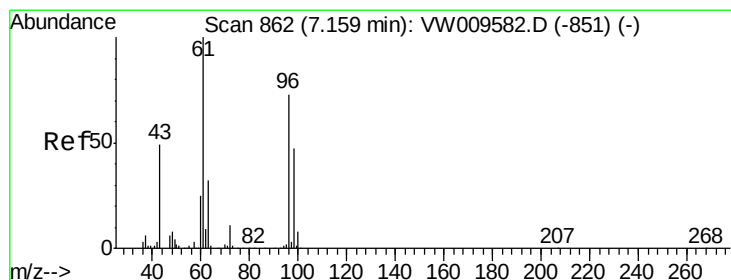
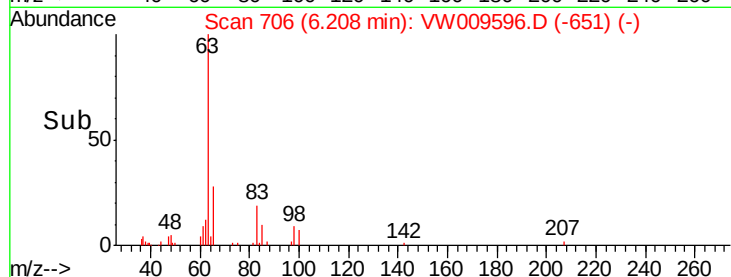
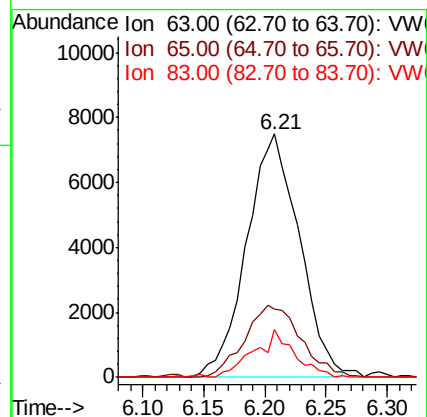
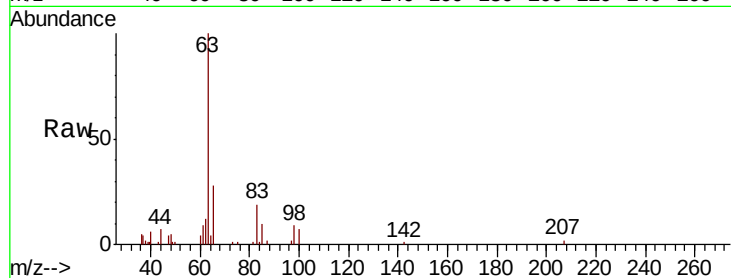
Tgt Ion: 63 Resp: 22464

Ion Ratio Lower Upper

63 100

65 28.1 21.6 40.0

83 19.4 10.1 18.7#



#22

cis-1,2-Dichloroethene

Concen: 7.932 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW009596.D

Acq: 30 Mar 2019 17:56

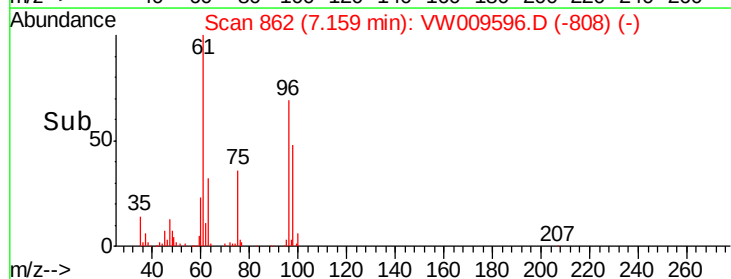
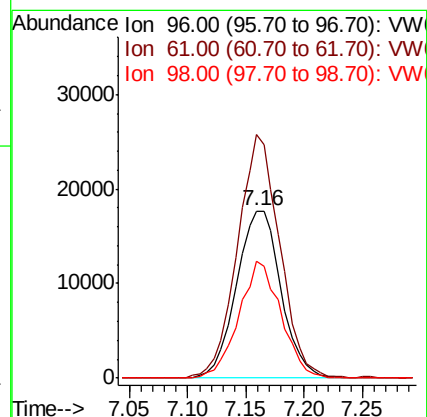
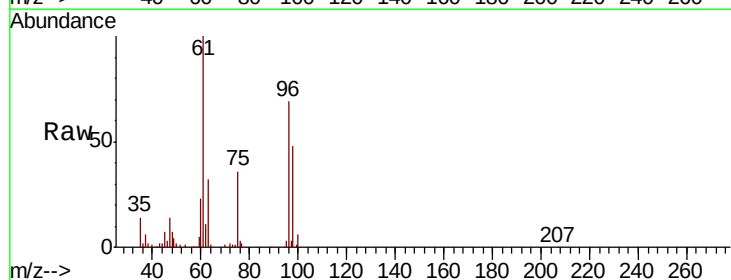
Tgt Ion: 96 Resp: 47062

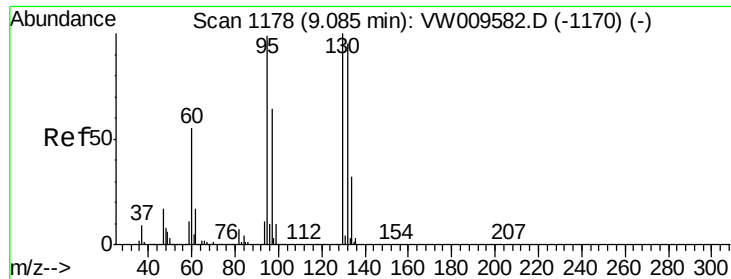
Ion Ratio Lower Upper

96 100

61 145.8 90.6 168.3

98 69.9 44.0 81.8





#35

Trichloroethene

Concen: 7.042 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009596.D

Acq: 30 Mar 2019 17:56

Instrument :

MSVOA_W

ClientSampled :

BF112

Tgt Ion: 95 Resp: 41947

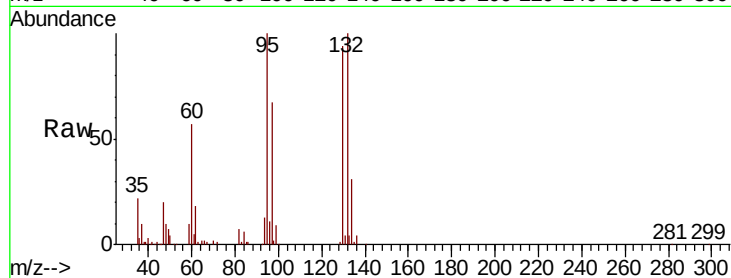
Ion Ratio Lower Upper

95 100

97 63.8 44.7 82.9

132 98.0 69.0 128.2

130 96.5 72.7 134.9



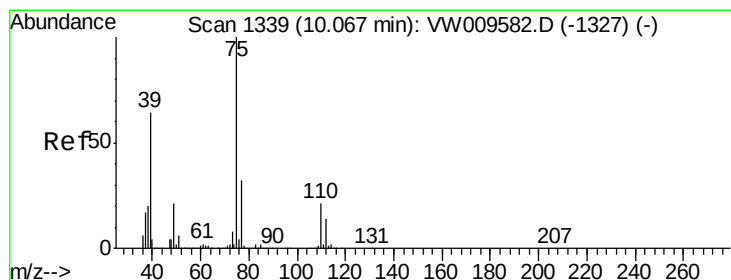
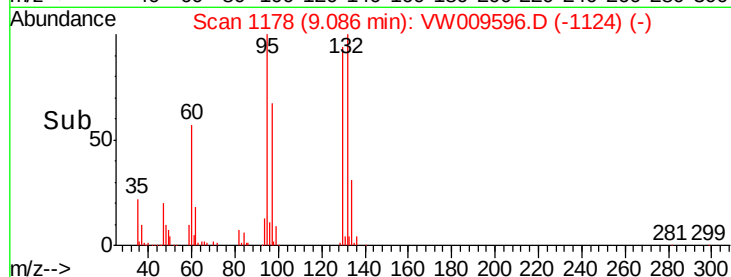
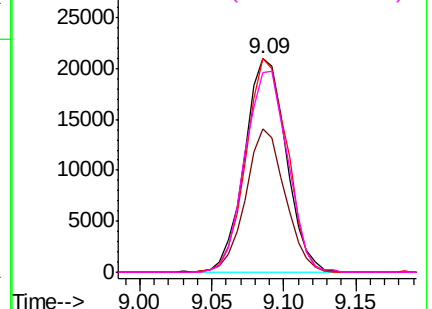
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009596.D

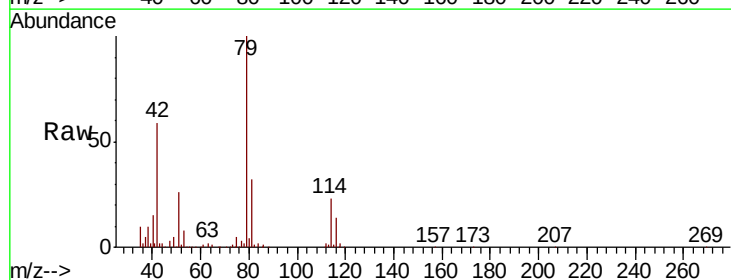
Acq: 30 Mar 2019 17:56

Tgt Ion: 75 Resp: 6576

Ion Ratio Lower Upper

75 100

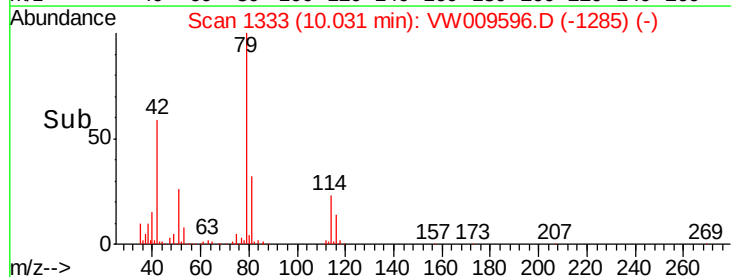
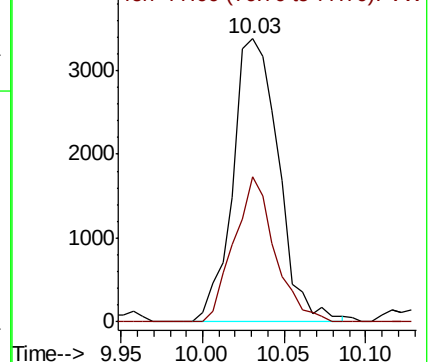
77 51.1 21.6 40.2#

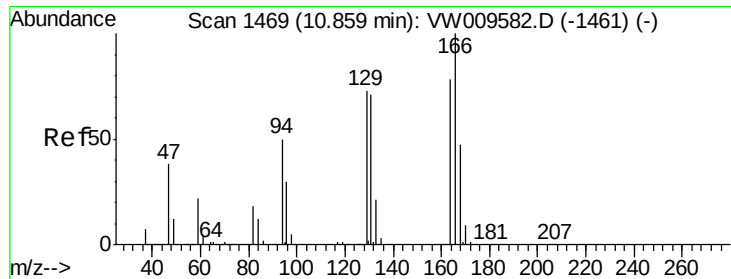


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 511.793 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009596.D

Acq: 30 Mar 2019 17:56

Instrument :

MSVOA_W

ClientSampleId :

BF112

Tgt Ion:164 Resp: 2575757

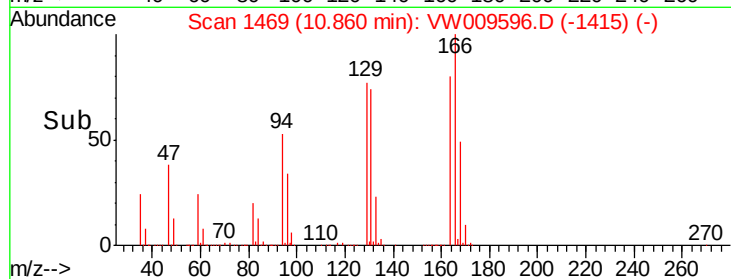
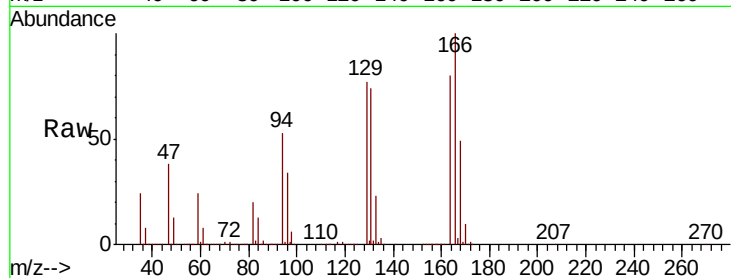
Ion Ratio Lower Upper

164 100

129 96.0 66.5 123.5

131 92.4 62.6 116.3

166 125.2 91.6 170.0



Abundance Ion 164.00 (163.70 to 164.70): V

3000000 Ion 129.00 (128.70 to 129.70): V

2500000 Ion 131.00 (130.70 to 131.70): V

2000000 Ion 166.00 (165.70 to 166.70): V

