

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007319.D
 Acq On : 31 Aug 2018 23:13
 Operator : SY/MD
 Sample : J4665-14DL 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9DL

Quant Time: Sep 01 01:21:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	623943	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	597249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	221529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196649	52.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.30%
7) Chloroethane-d5	1.58	69	134638	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.42%
11) 1,1-Dichloroethene-d2	2.13	63	259359	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	3.97	46	264185	86.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.64%
24) Chloroform-d	4.41	84	374930	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
26) 1,2-Dichloroethane-d4	5.09	65	233536	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.11	84	766186	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.12	67	254305	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.37	98	634797	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	7.67	79	101460	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.15	63	161390	81.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	325764	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.68	152	228210	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%

Target Compounds

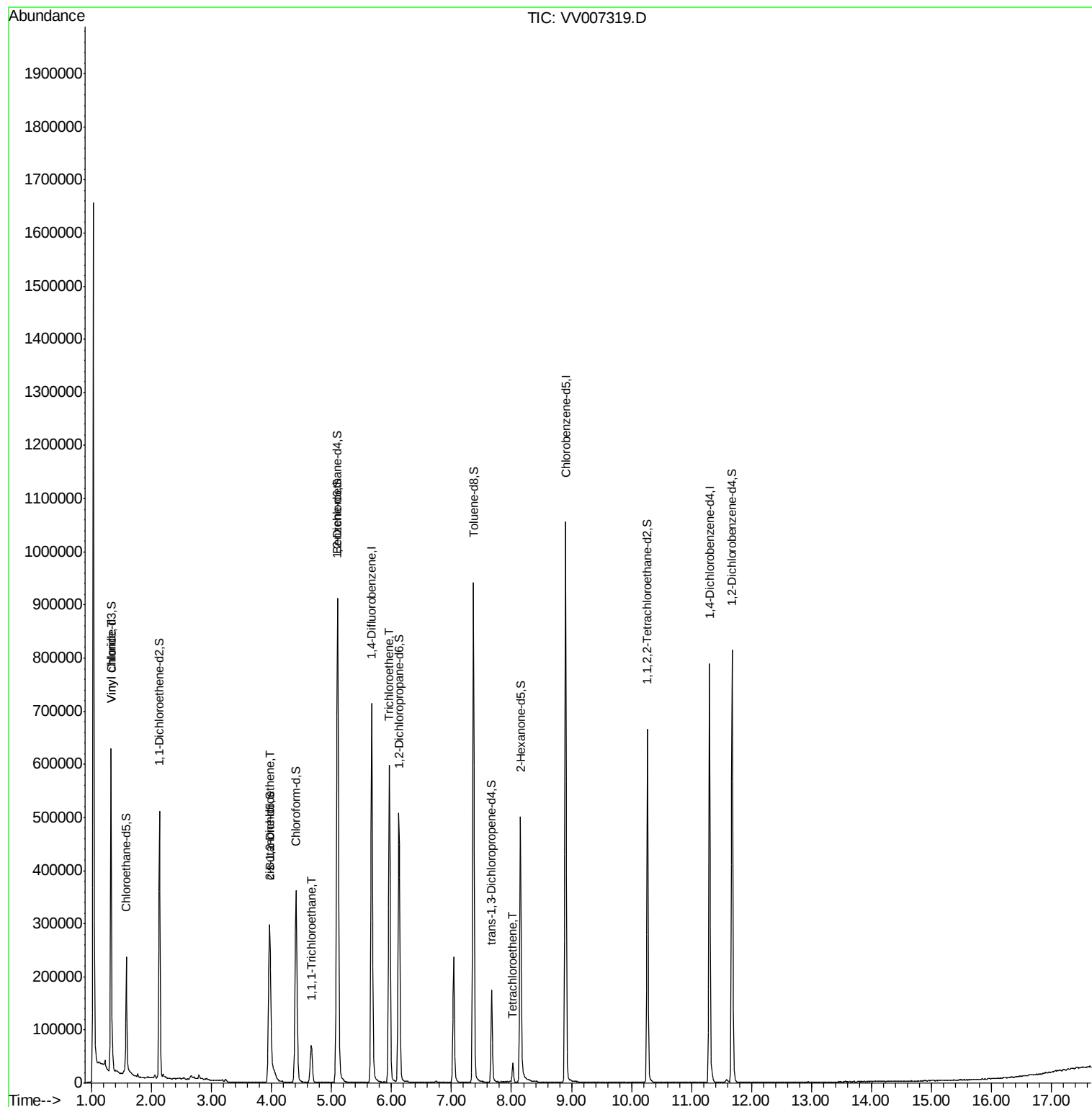
						Ovalue
5) Vinyl chloride	1.32	62	260089	51.43	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	93630	19.94	ug/L	96
30) 1,1,1-Trichloroethane	4.67	97	57350	8.44	ug/L	100
34) Trichloroethene	5.96	95	209652	47.83	ug/L	98
46) Tetrachloroethene	8.02	164	8098	2.20	ug/L	94

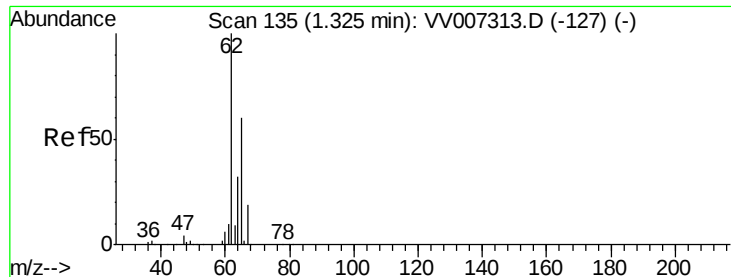
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 51.43 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampled :

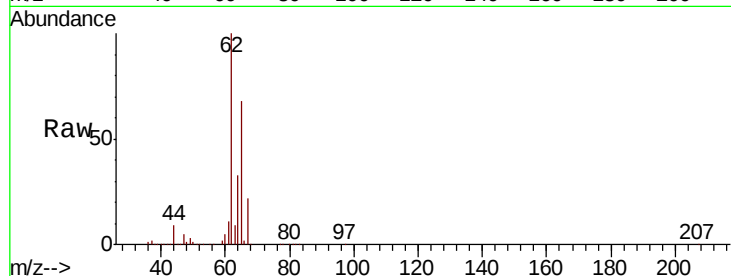
E0AA9DL

Tot Ion: 62 Resp: 260089

Ion Ratio Lower Upper

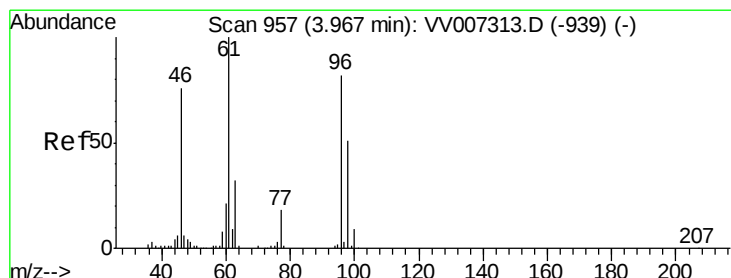
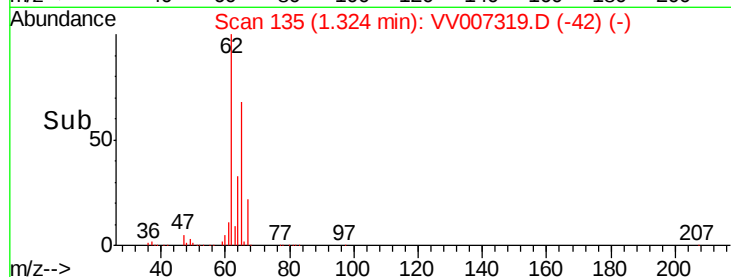
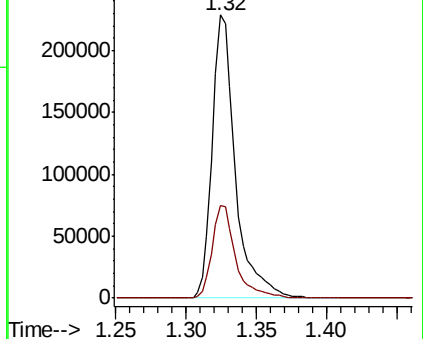
62 100

64 32.7 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 19.94 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

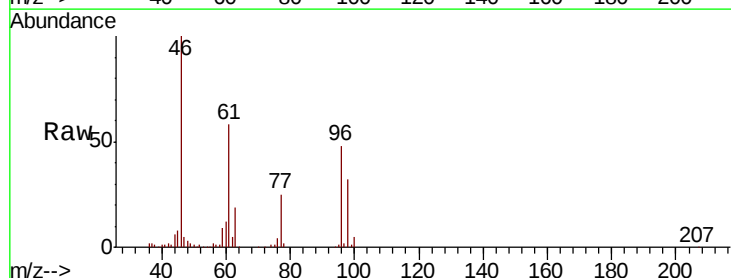
Tgt Ion: 96 Resp: 93630

Ion Ratio Lower Upper

96 100

61 121.5 88.4 164.2

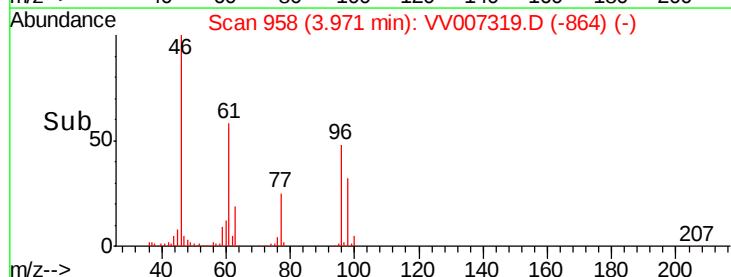
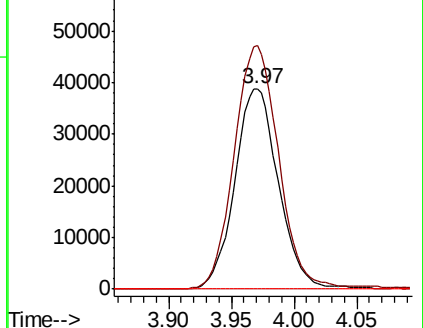
68 0.0 0.0 0.0

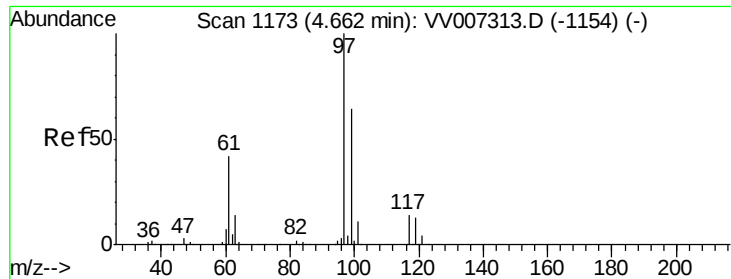


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#30

1,1,1-Trichloroethane

Concen: 8.44 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

E0AA9DL

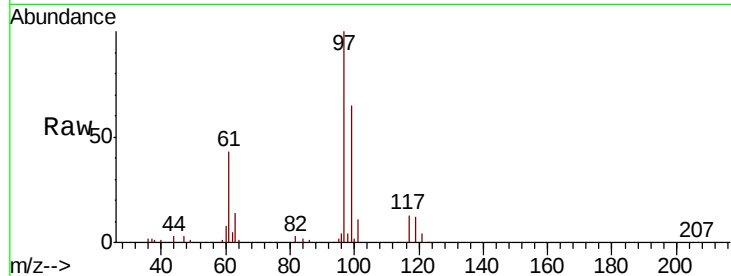
Tot Ion: 97 Resp: 57350

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 42.6 34.6 51.8

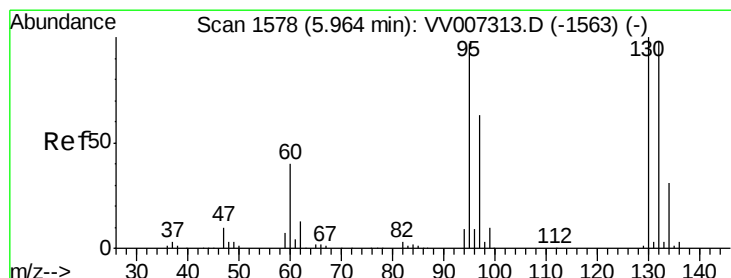
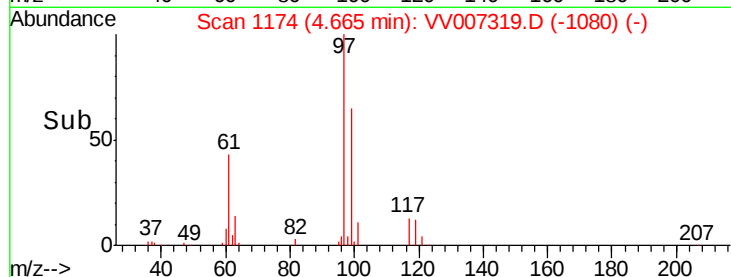
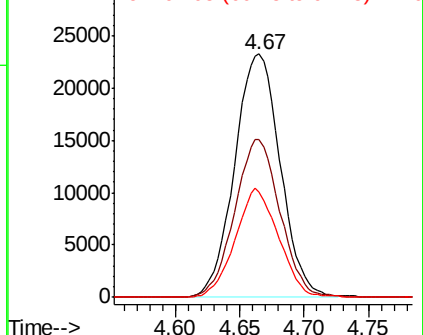


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 47.83 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Tgt Ion: 95 Resp: 209652

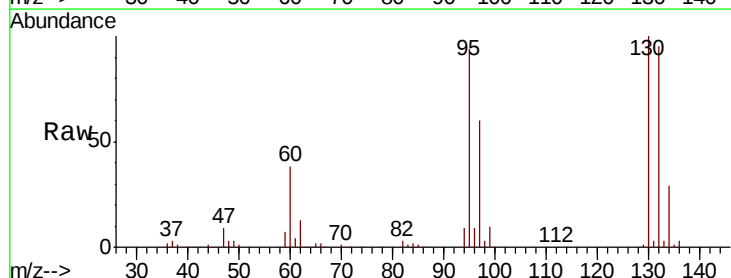
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 100.3 68.3 126.9

130 105.9 72.4 134.5



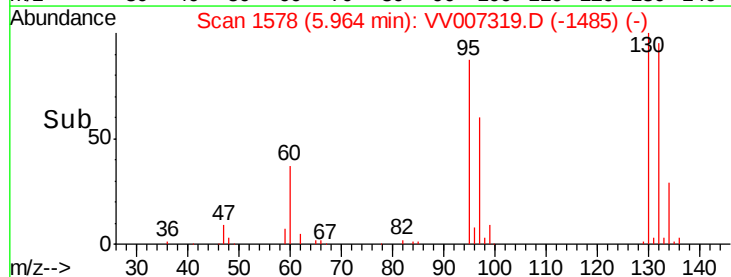
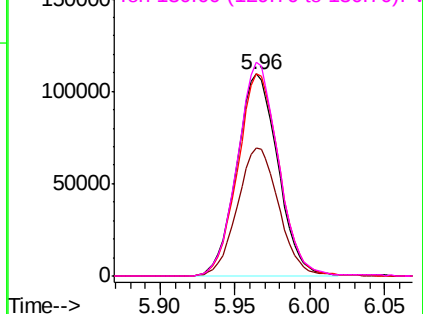
Abundance

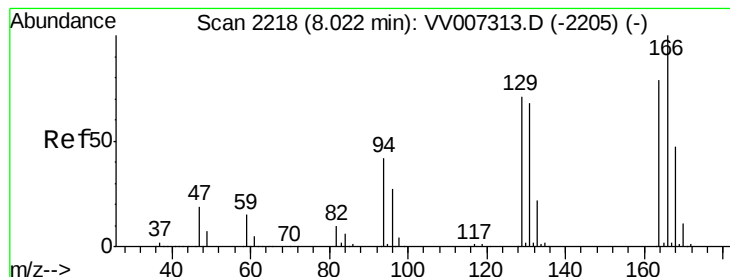
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 2.20 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Instrument :
MSVOA_V
ClientSampleId :
E0AA9DL

Tot Ion:164 Resp: 8098

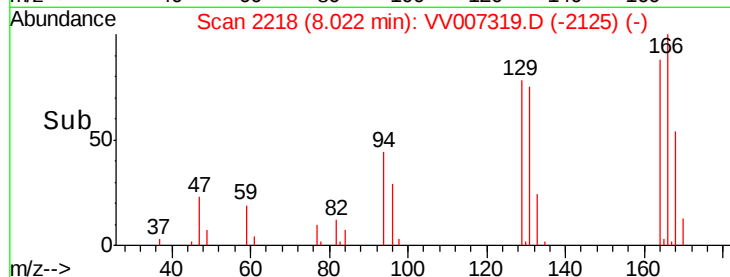
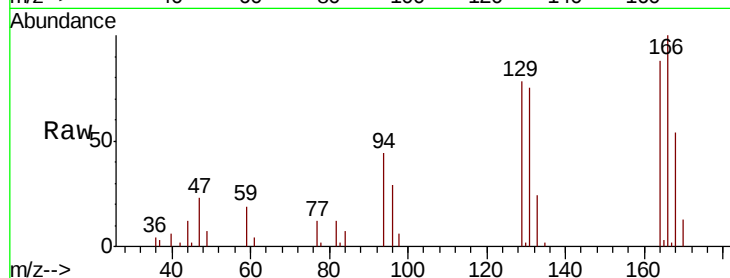
Ion Ratio Lower Upper

164 100

129 88.5 64.5 119.7

131 85.8 61.2 113.8

166 113.9 89.1 165.5



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

