

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015362.D
 Acq On : 02 Apr 2020 06:14
 Operator : SY/MD
 Sample : L2064-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 06:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	705571	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	675944	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	305417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	232865	36.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.62%
7) Chloroethane-d5	1.58	69	211105	39.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.12%
11) 1,1-Dichloroethene-d2	2.27	63	142	0.01	ug/L	0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	3.94	46	305066	90.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.72%
24) Chloroform-d	4.38	84	435597	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
26) 1,2-Dichloroethane-d4	5.06	65	276814	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
32) Benzene-d6	5.08	84	896484	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
36) 1,2-Dichloropropane-d6	6.09	67	265586	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.54%
41) Toluene-d8	7.34	98	870023	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.64	79	134978	39.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.60%
47) 2-Hexanone-d5	8.12	63	234871	83.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384817	44.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	324618	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

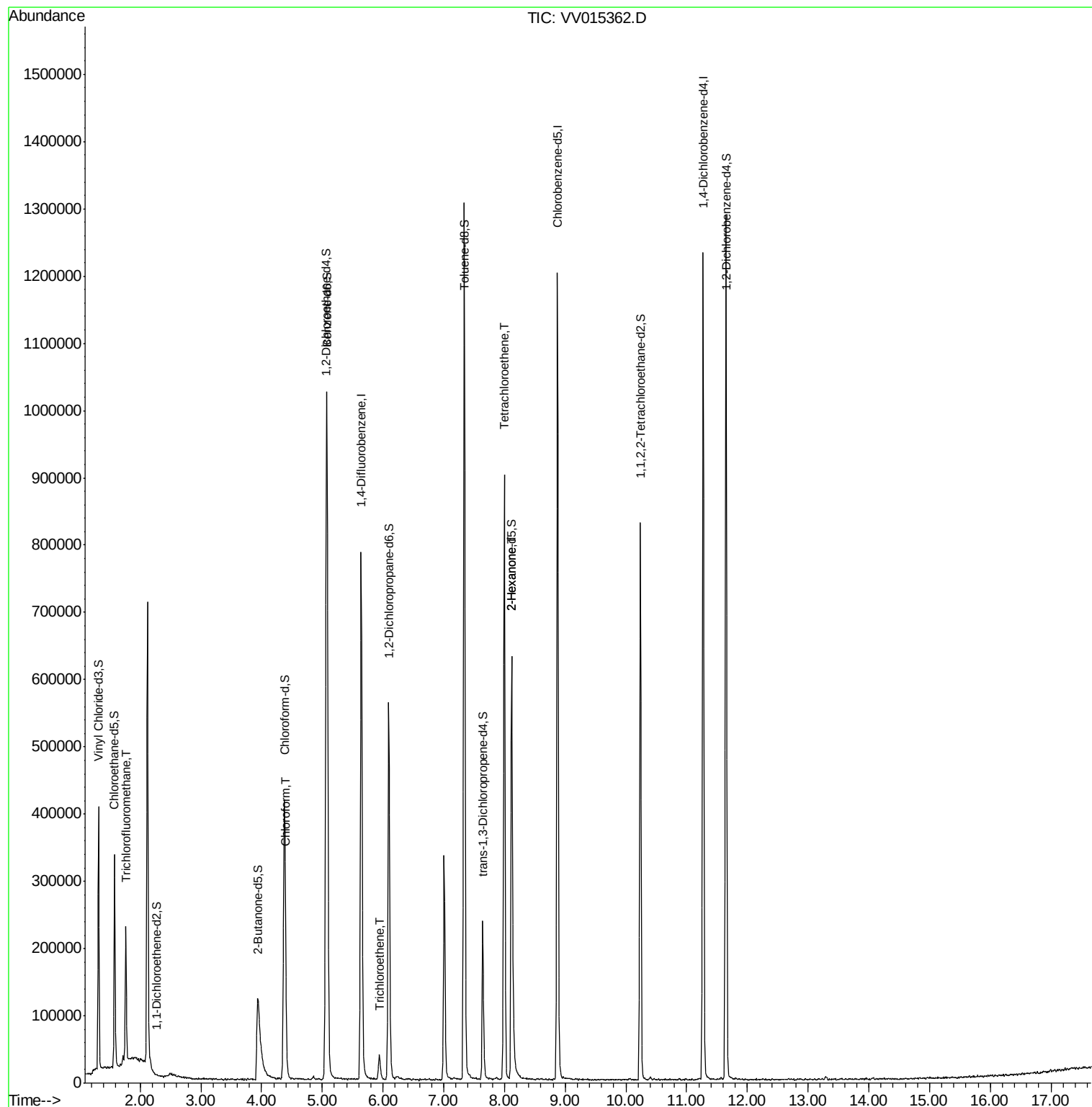
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	114349	9.602	ug/L	98
25) Chloroform	4.40	83	11262	1.184	ug/L	93
34) Trichloroethene	5.94	95	10772	2.033	ug/L	96
46) Tetrachloroethene	8.00	164	188166	49.546	ug/L	97
48) 2-Hexanone	8.12	43	31119	5.953	ug/L #	80

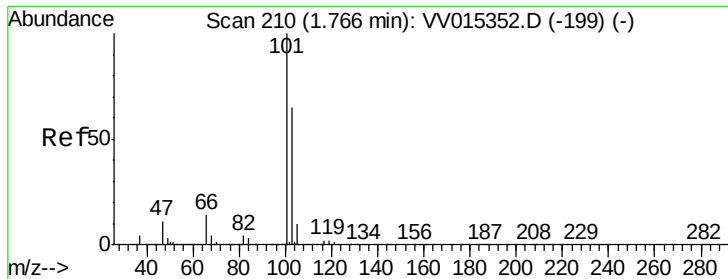
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 9.602 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV015362.D

Acq: 02 Apr 2020 06:14

Instrument :

MSVOA_V

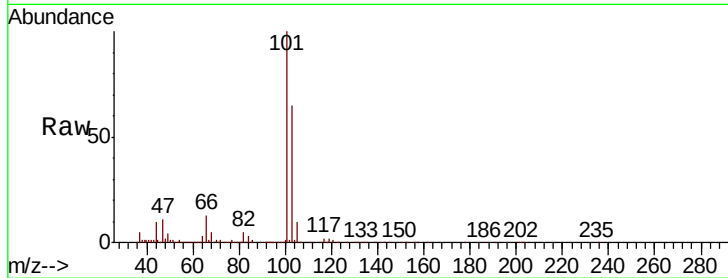
ClientSampleId :

Tot Ion:101 Resp: 114349

Ion Ratio Lower Upper

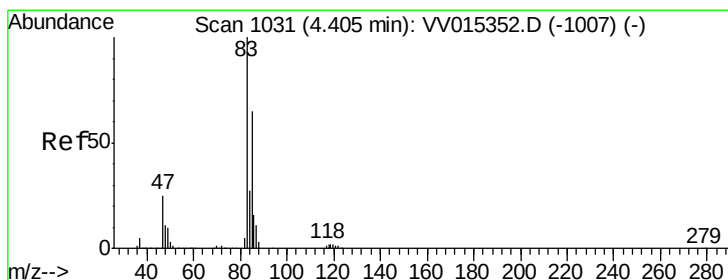
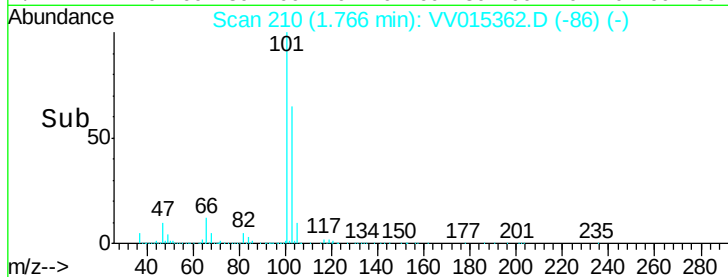
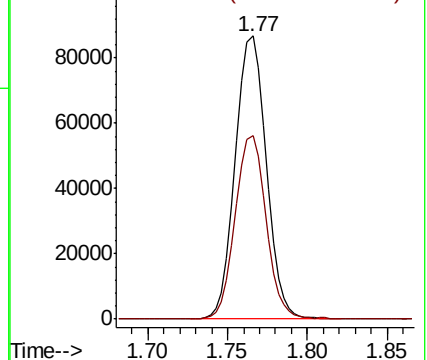
101 100

103 63.8 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#25

Chloroform

Concen: 1.184 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015362.D

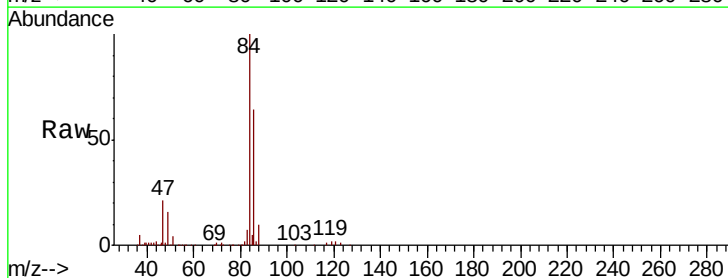
Acq: 02 Apr 2020 06:14

Tgt Ion: 83 Resp: 11262

Ion Ratio Lower Upper

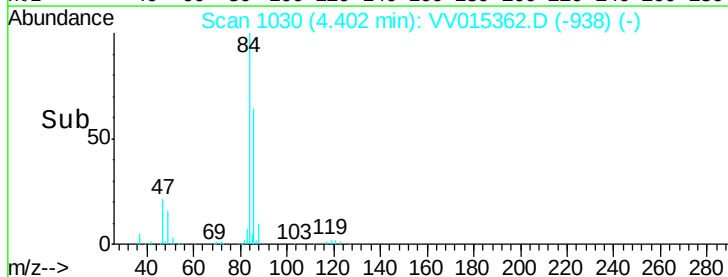
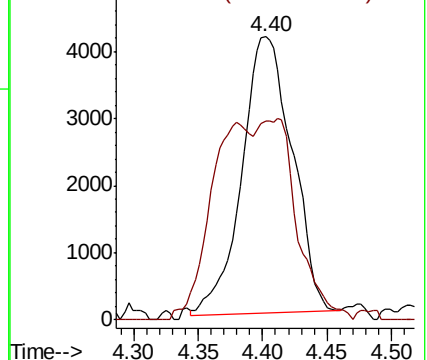
83 100

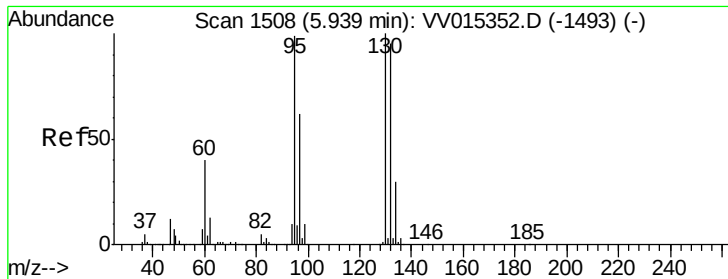
85 70.3 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 2.033 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015362.D

Acq: 02 Apr 2020 06:14

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 10772

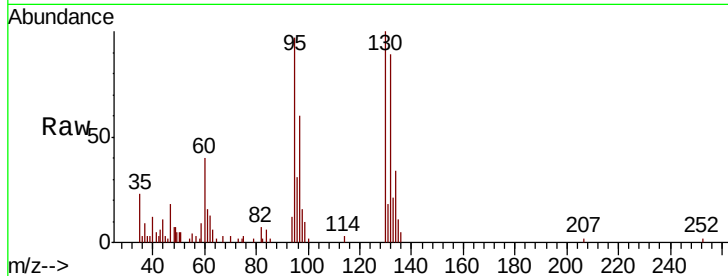
Ion Ratio Lower Upper

95 100

97 62.3 45.4 84.2

132 92.5 66.8 124.2

130 103.4 69.4 128.8

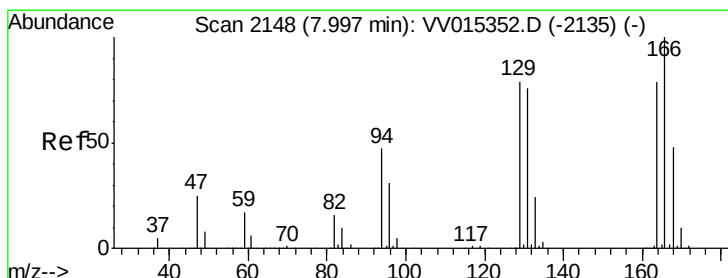
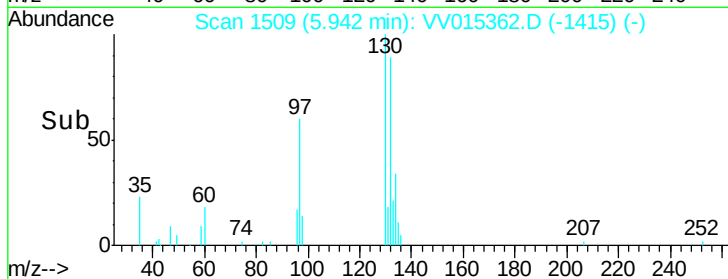
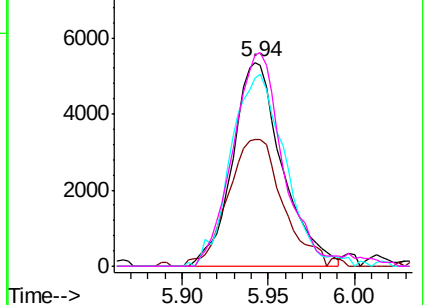


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 49.546 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015362.D

Acq: 02 Apr 2020 06:14

Tgt Ion: 164 Resp: 188166

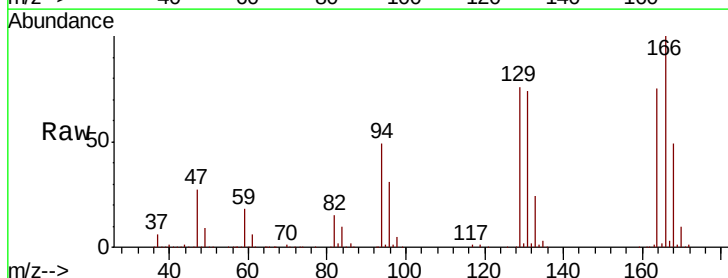
Ion Ratio Lower Upper

164 100

129 101.0 73.8 137.0

131 99.2 69.4 129.0

166 133.7 89.7 166.7

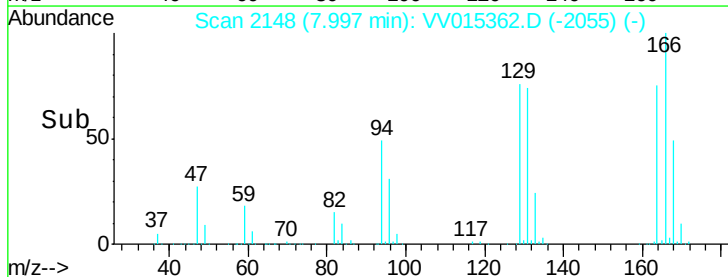
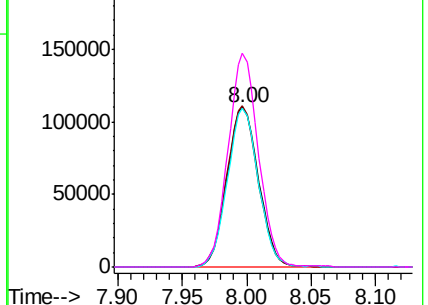


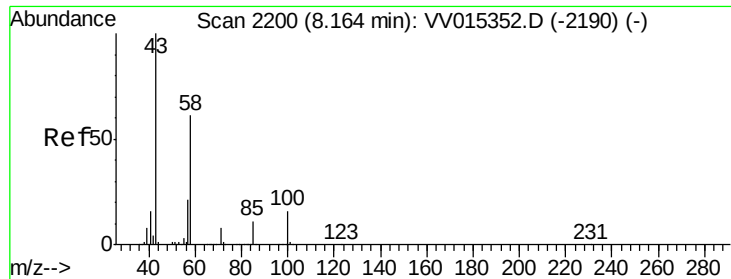
Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0





#48

2-Hexanone

Concen: 5.953 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015362.D

Acq: 02 Apr 2020 06:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 31119

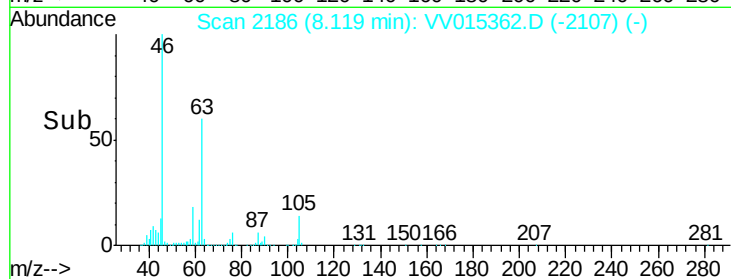
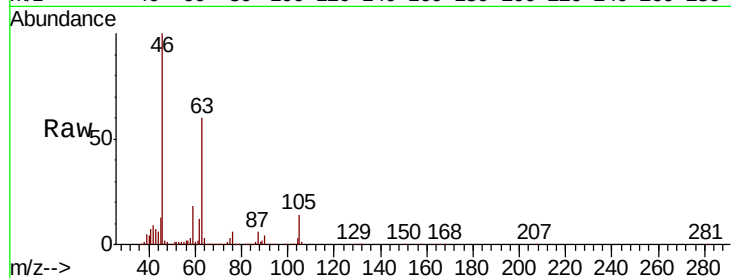
Ion Ratio Lower Upper

43 100

58 42.5 47.4 71.2#

57 22.4 16.7 25.1

100 0.3 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

