

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015203.D
 Acq On : 27 Mar 2020 10:58
 Operator : SY/MD
 Sample : L1976-16RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:39:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:31:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	501597	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	473144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139625	51.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.76%
7) Chloroethane-d5	1.58	69	134605	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.22%
11) 1,1-Dichloroethene-d2	2.12	63	210225	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	3.93	46	198803	74.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.19%
24) Chloroform-d	4.51	84	253	0.04	ug/L	0.13
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.06	65	178916	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
32) Benzene-d6	5.08	84	509776	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	6.10	67	167745	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.56%
41) Toluene-d8	7.34	98	462679	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%
43) trans-1,3-Dichloropropene-	7.64	79	87513	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
47) 2-Hexanone-d5	8.12	63	162516	79.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	246644	41.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	176223	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%

Target Compounds

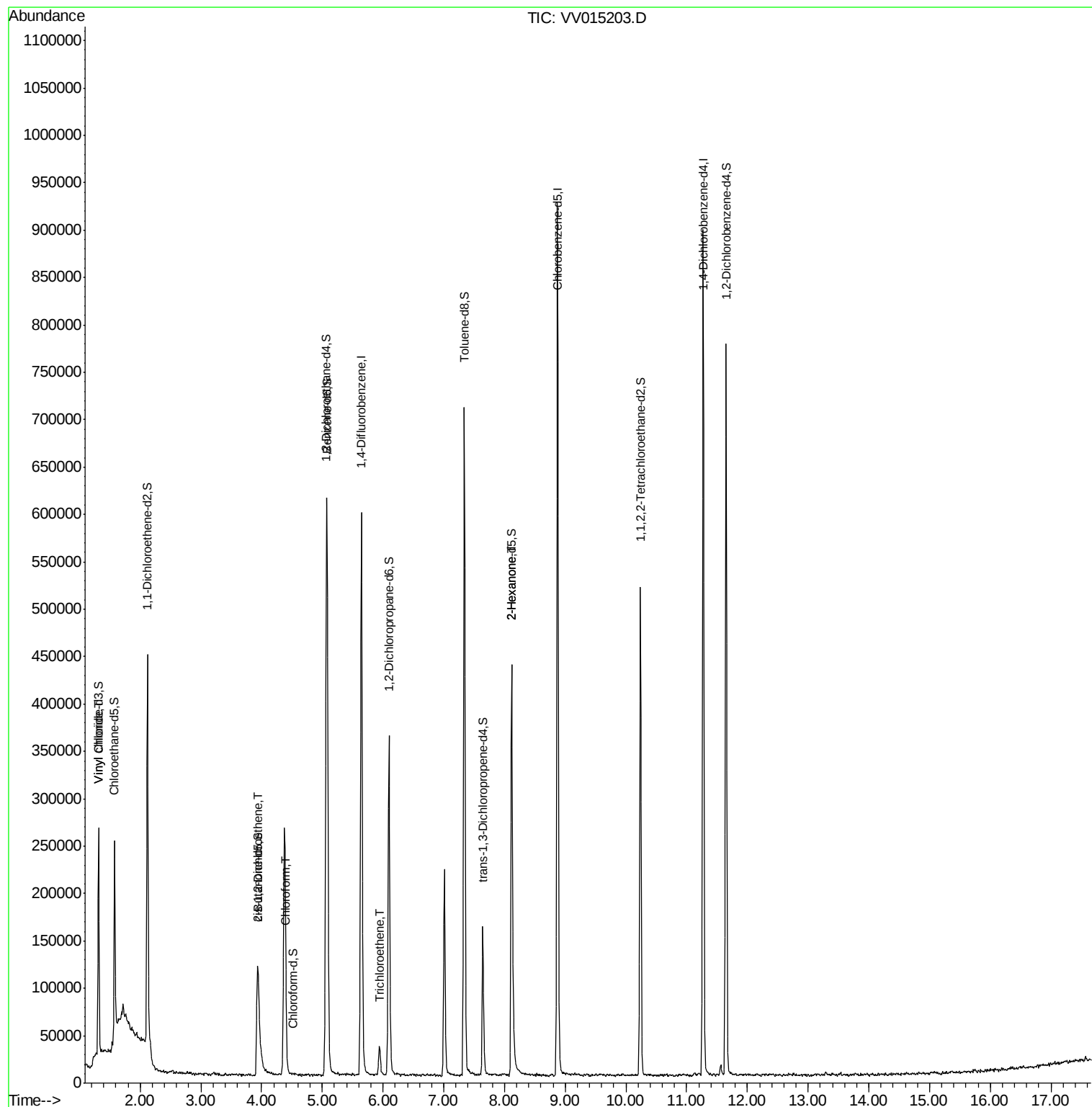
					Ovalue
5) Vinyl chloride	1.32	62	4491	0.912 ug/L #	6
20) cis-1,2-Dichloroethene	3.95	96	12731	3.251 ug/L #	81
25) Chloroform	4.41	83	5484	0.820 ug/L	88
34) Trichloroethene	5.95	95	10698	2.915 ug/L	97
48) 2-Hexanone	8.12	43	19560	4.561 ug/L #	80

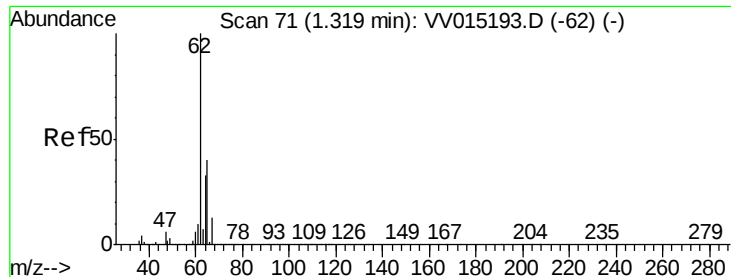
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 01:31:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.912 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015203.D

Acq: 27 Mar 2020 10:58

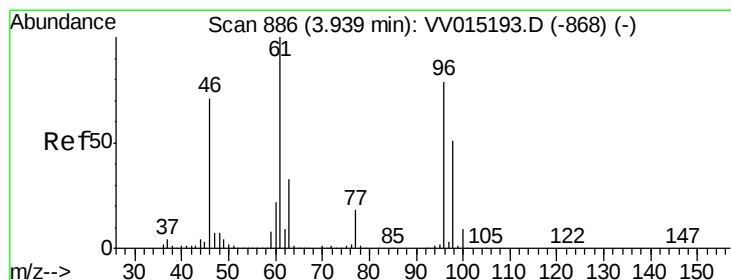
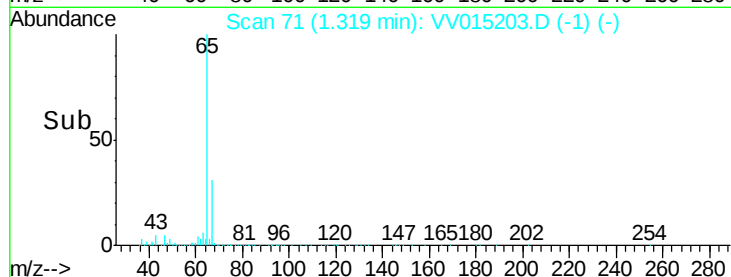
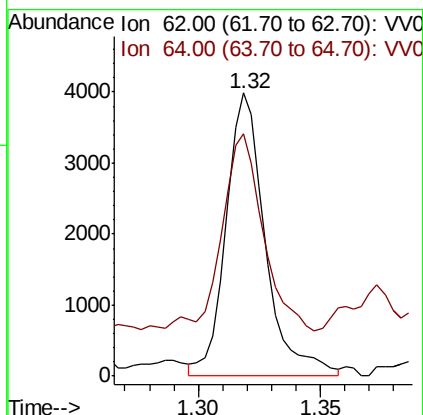
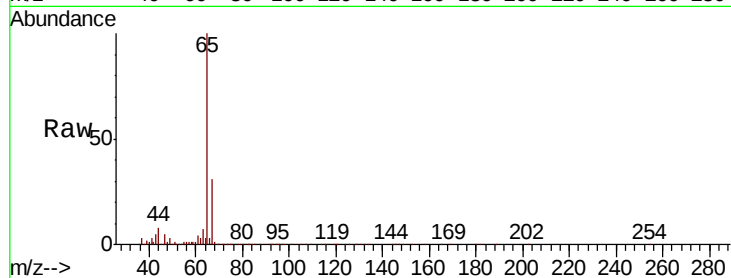
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 4491

Ion Ratio Lower Upper

62 100

64 85.4 22.8 42.4#



#20

cis-1,2-Dichloroethene

Concen: 3.251 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015203.D

Acq: 27 Mar 2020 10:58

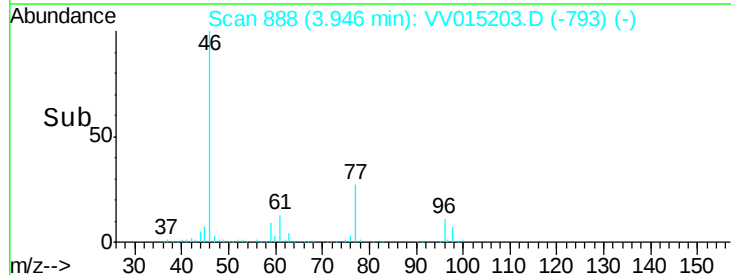
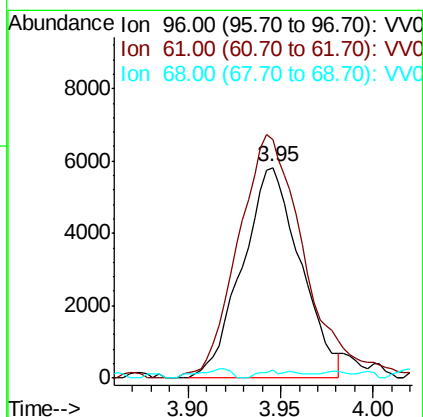
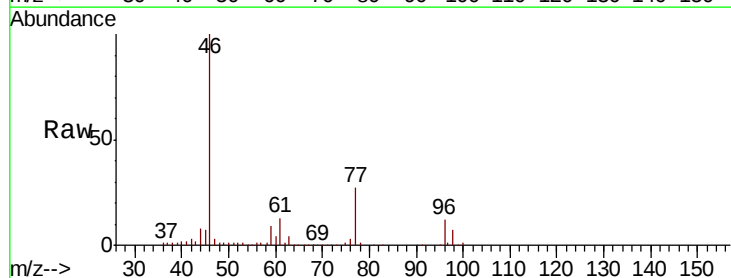
Tgt Ion: 96 Resp: 12731

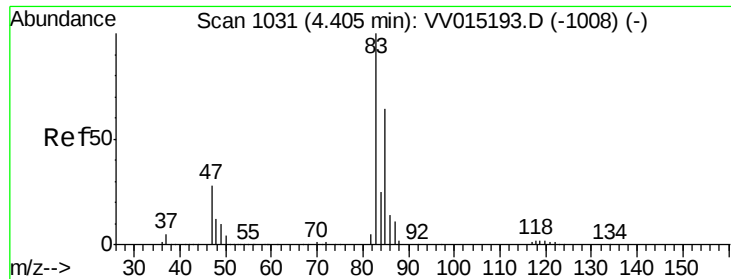
Ion Ratio Lower Upper

96 100

61 106.8 90.2 167.4

68 3.5 0.1 0.3#





#25

Chloroform

Concen: 0.820 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV015203.D

Acq: 27 Mar 2020 10:58

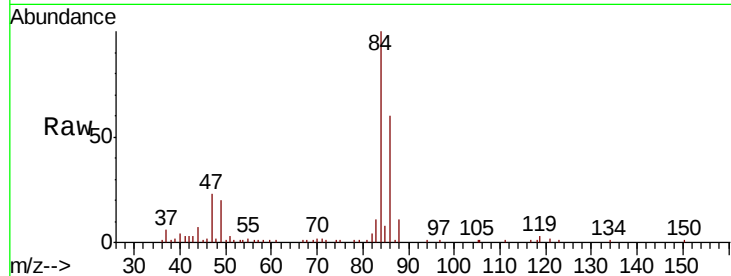
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 5484

Ion Ratio Lower Upper

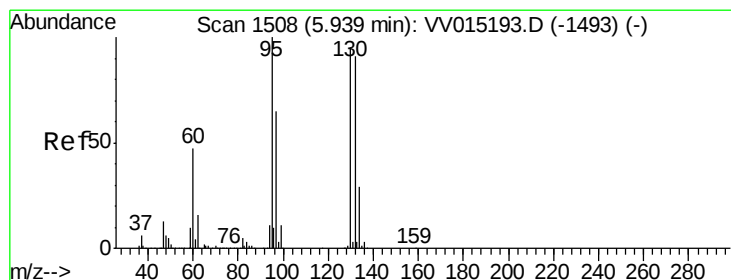
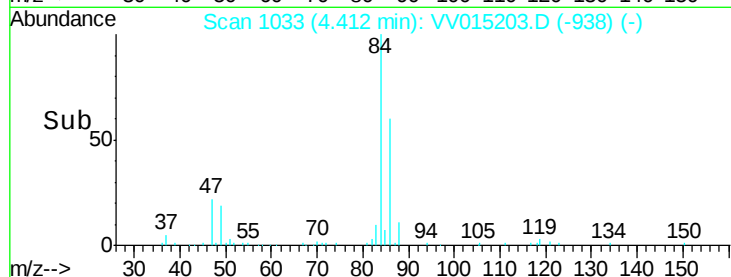
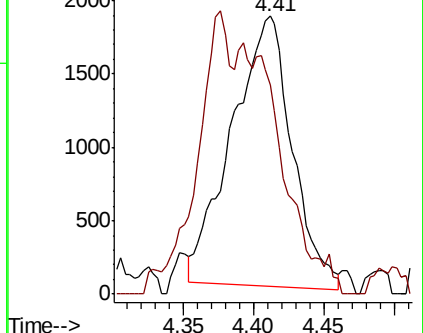
83 100

85 75.4 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV015203.D (-938) (-)

Ion 85.00 (84.70 to 85.70): VV015203.D (-938) (-)



#34

Trichloroethene

Concen: 2.915 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015203.D

Acq: 27 Mar 2020 10:58

Tgt Ion: 95 Resp: 10698

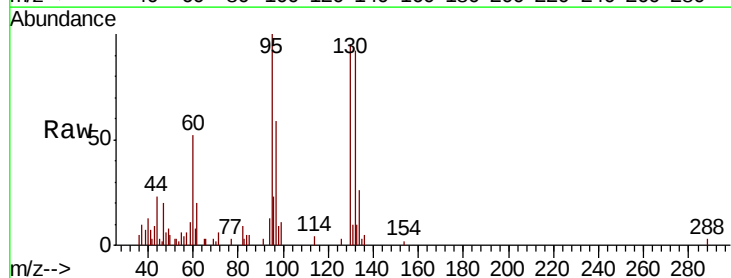
Ion Ratio Lower Upper

95 100

97 59.3 44.8 83.2

132 92.1 63.2 117.4

130 94.6 66.8 124.0

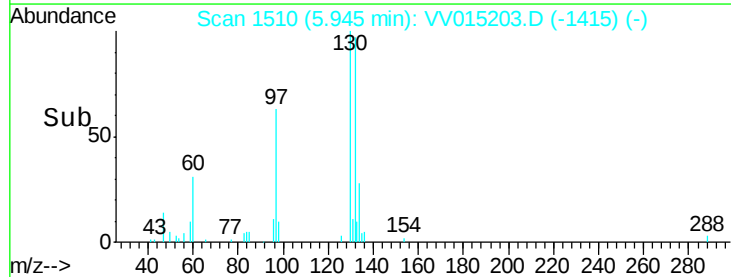
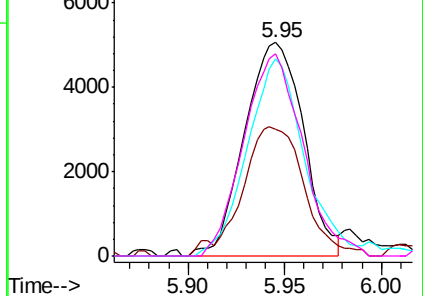


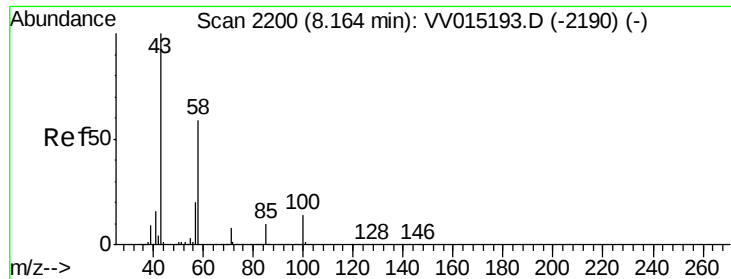
Abundance Ion 95.00 (94.70 to 95.70): VV015203.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV015203.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV015203.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV015203.D (-1415) (-)





#48

2-Hexanone

Concen: 4.561 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015203.D

Acq: 27 Mar 2020 10:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 19560

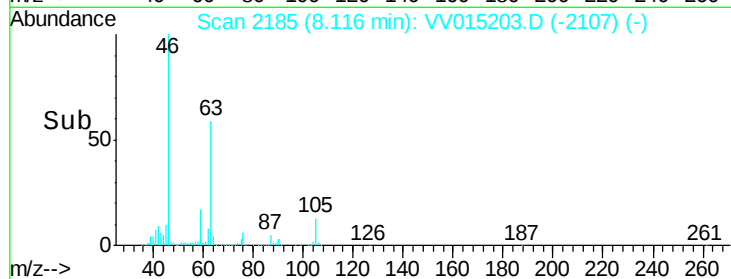
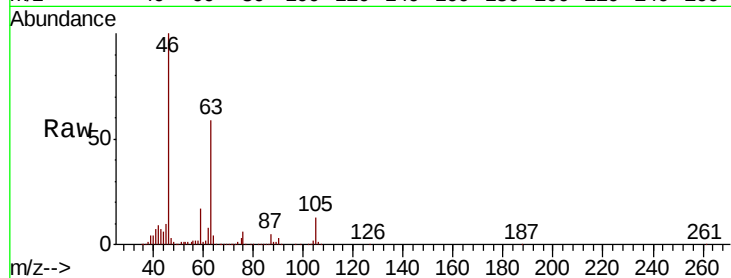
Ion Ratio Lower Upper

43 100

58 41.1 44.3 66.5#

57 25.3 15.4 23.0#

100 0.3 10.4 15.6#



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

