

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016780.D
 Acq On : 10 Jun 2020 19:37
 Operator : SY/MD
 Sample : L2901-03DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR3DL

Quant Time: Jun 11 01:09:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346621	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107078	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.56%
7) Chloroethane-d5	1.56	69	70784	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.46%
11) 1,1-Dichloroethene-d2	2.24	63	141	0.03	ug/L	0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.89	46	169823	93.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.81%
24) Chloroform-d	4.37	84	215949	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.05	65	155928	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.07	84	431054	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
36) 1,2-Dichloropropane-d6	6.09	67	131865	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.33	98	392298	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	63583	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.68%
47) 2-Hexanone-d5	8.11	63	100423	77.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176024	45.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	164663	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds

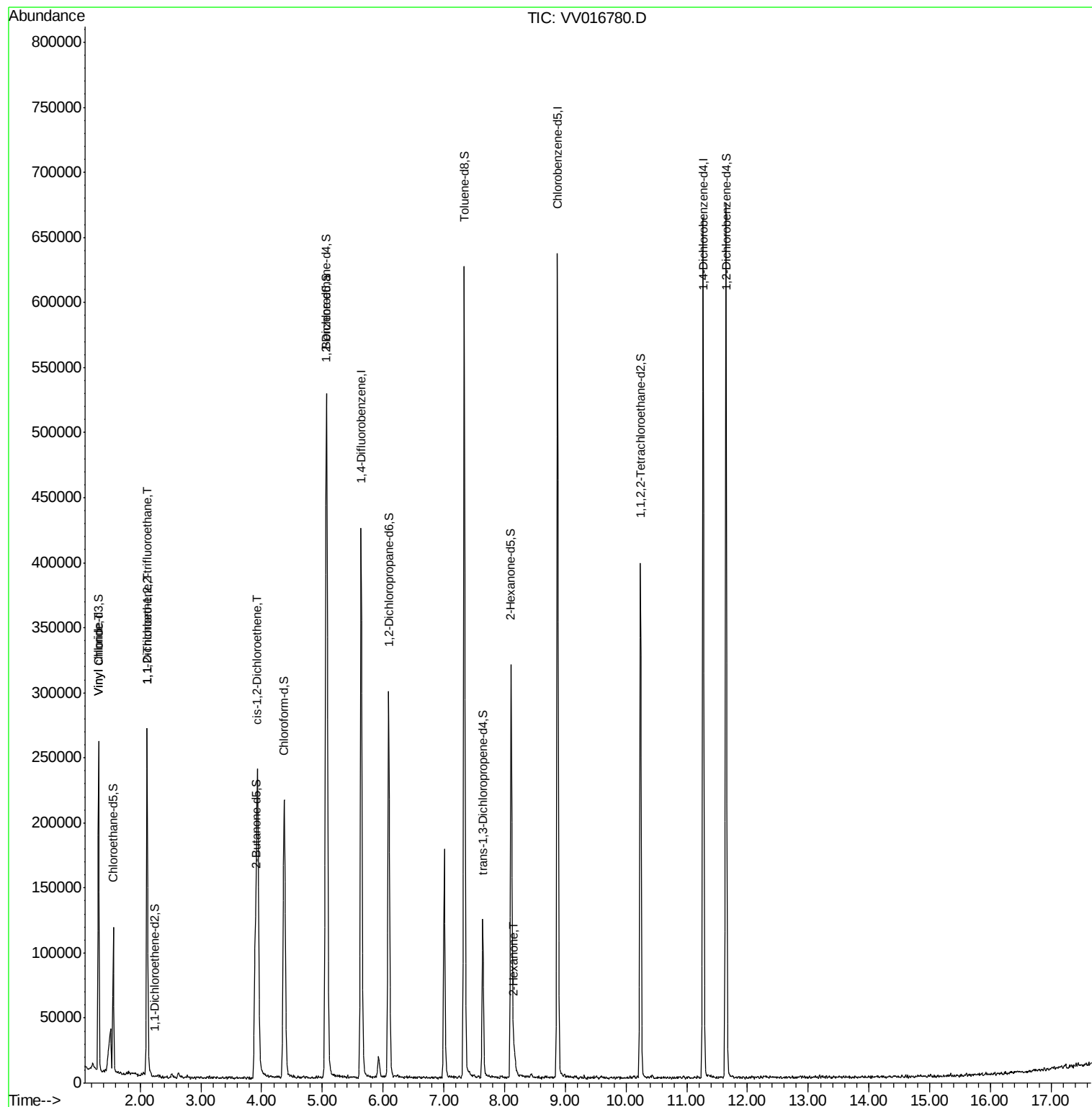
					Ovalue
5) Vinyl chloride	1.32	62	46355	18.757	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1355	0.735	ug/L # 22
12) 1,1-Dichloroethene	2.11	96	1718	0.999	ug/L # 1
20) cis-1,2-Dichloroethene	3.93	96	118720	46.425	ug/L 100
48) 2-Hexanone	8.16	43	11890	4.279	ug/L # 59

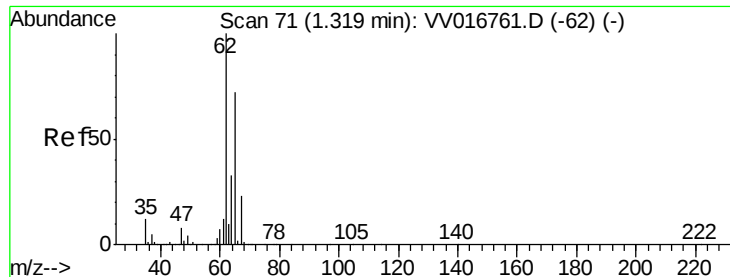
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 18.757 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016780.D

Acq: 10 Jun 2020 19:37

Instrument :

MSVOA_V

ClientSampled :

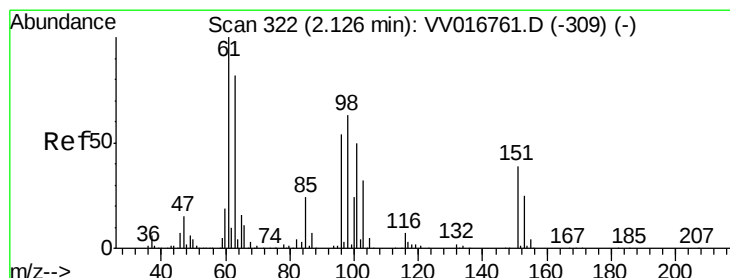
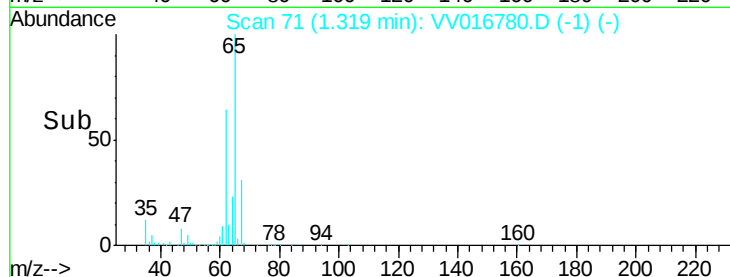
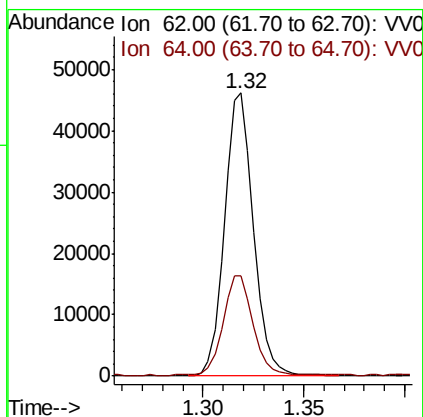
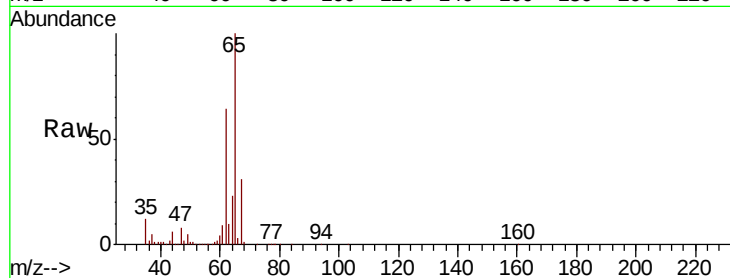
ETTR3DL

Tot Ion: 62 Resp: 46355

Ion Ratio Lower Upper

62 100

64 35.3 22.3 41.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.735 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016780.D

Acq: 10 Jun 2020 19:37

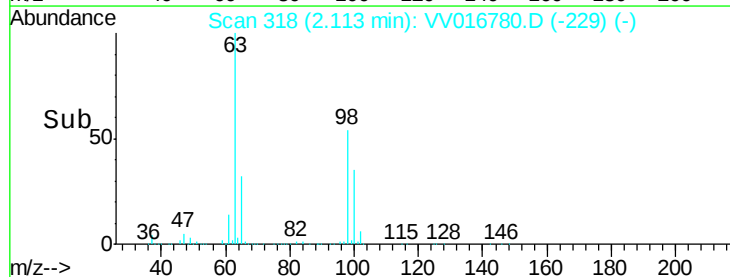
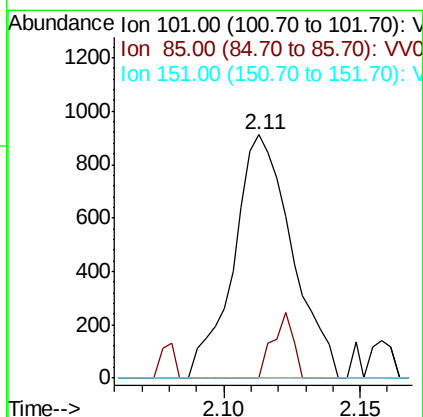
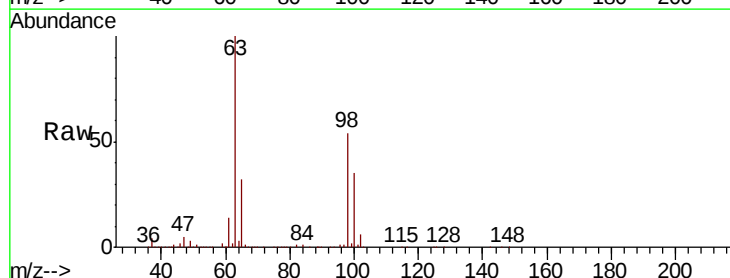
Tgt Ion: 101 Resp: 1355

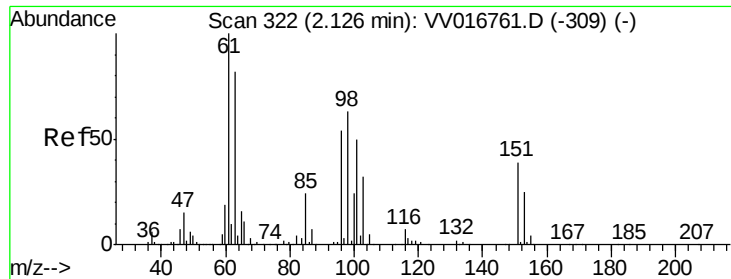
Ion Ratio Lower Upper

101 100

85 9.4 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.999 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016780.D

Acq: 10 Jun 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

ETTR3DL

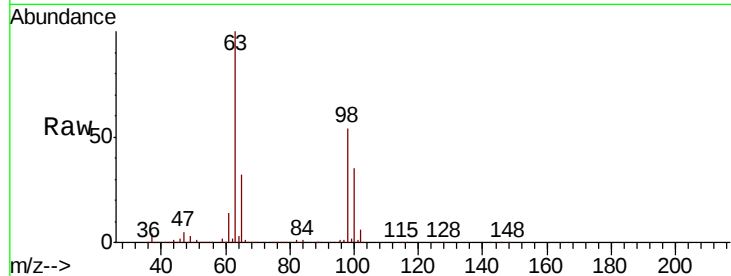
Tot Ion: 96 Resp: 1718

Ion Ratio Lower Upper

96 100

61 1371.6 130.4 242.2#

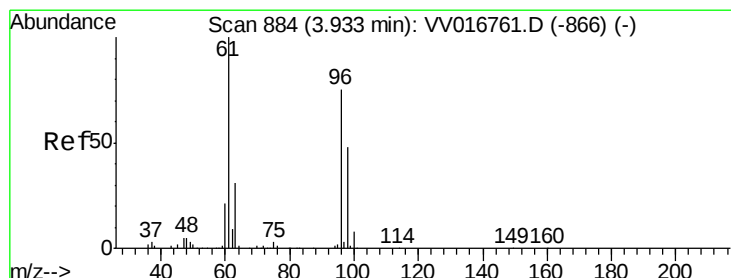
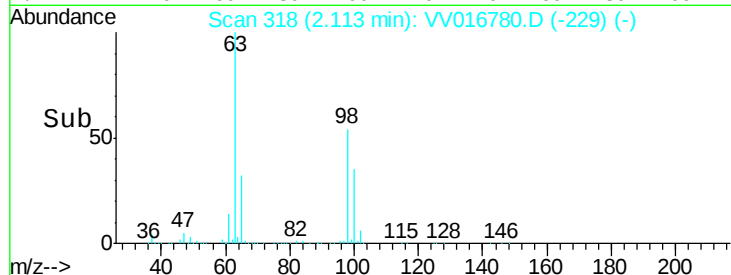
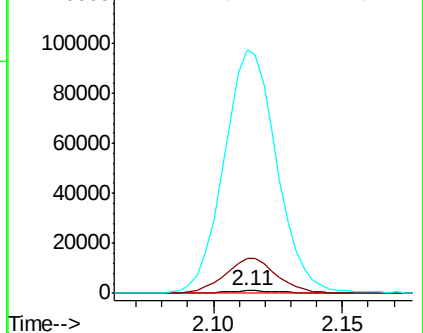
63 9717.2 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 46.425 ug/L

RT: 3.93 min Scan# 884

Delta R.T. 0.00 min

Lab File: VV016780.D

Acq: 10 Jun 2020 19:37

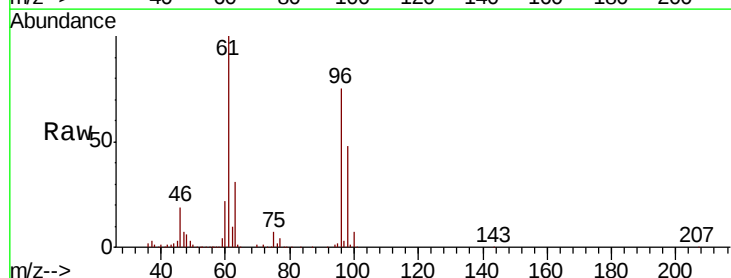
Tgt Ion: 96 Resp: 118720

Ion Ratio Lower Upper

96 100

61 132.9 93.4 173.4

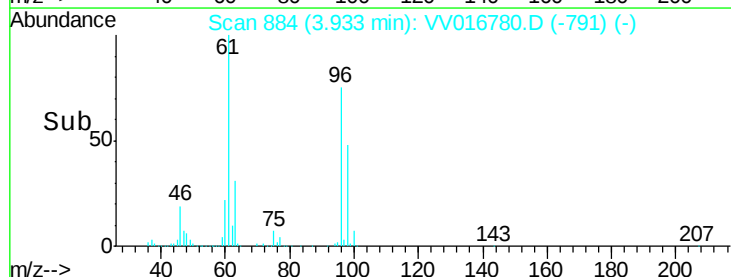
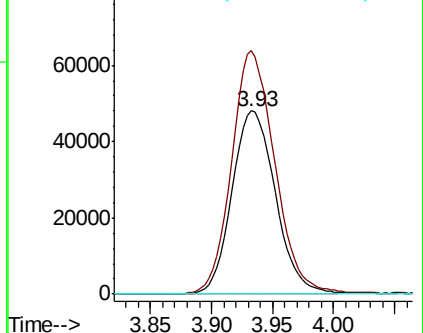
68 0.0 0.0 0.0

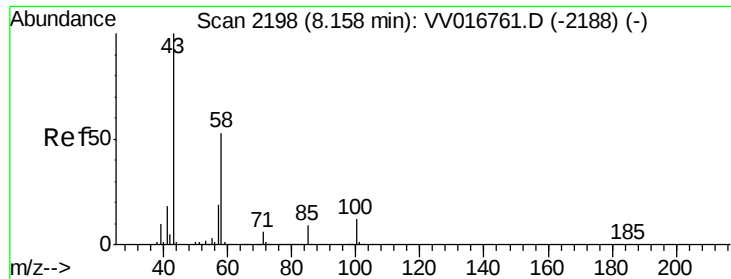


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#48

2-Hexanone

Concen: 4.279 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016780.D

Acq: 10 Jun 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

ETTR3DL

Tot Ion: 43 Resp: 11890

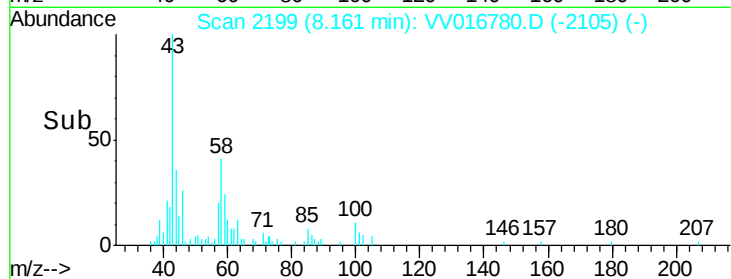
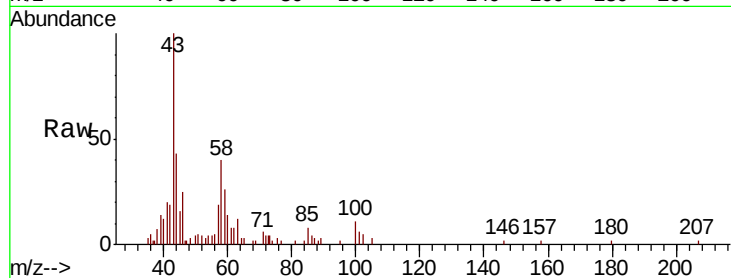
Ion Ratio Lower Upper

43 100

58 10.1 43.1 64.7#

57 20.3 15.3 22.9

100 6.9 10.0 15.0#



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

