

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016675.D
 Acq On : 08 Jun 2020 21:46
 Operator : SY/MD
 Sample : L2875-02DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS0DL

Quant Time: Jun 09 03:33:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323211	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302354	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105985	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.94%
7) Chloroethane-d5	1.56	69	74911	54.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.48%
11) 1,1-Dichloroethene-d2	2.12	63	141560	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.92%
21) 2-Butanone-d5	3.89	46	184135	109.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.09%
24) Chloroform-d	4.37	84	229316	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
26) 1,2-Dichloroethane-d4	5.05	65	162877	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
32) Benzene-d6	5.07	84	449259	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
36) 1,2-Dichloropropane-d6	6.09	67	142544	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.94%
41) Toluene-d8	7.34	98	401024	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%
43) trans-1,3-Dichloropropene-	7.64	79	66257	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.11	63	121116	102.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189653	52.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	168671	54.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.08%

Target Compounds

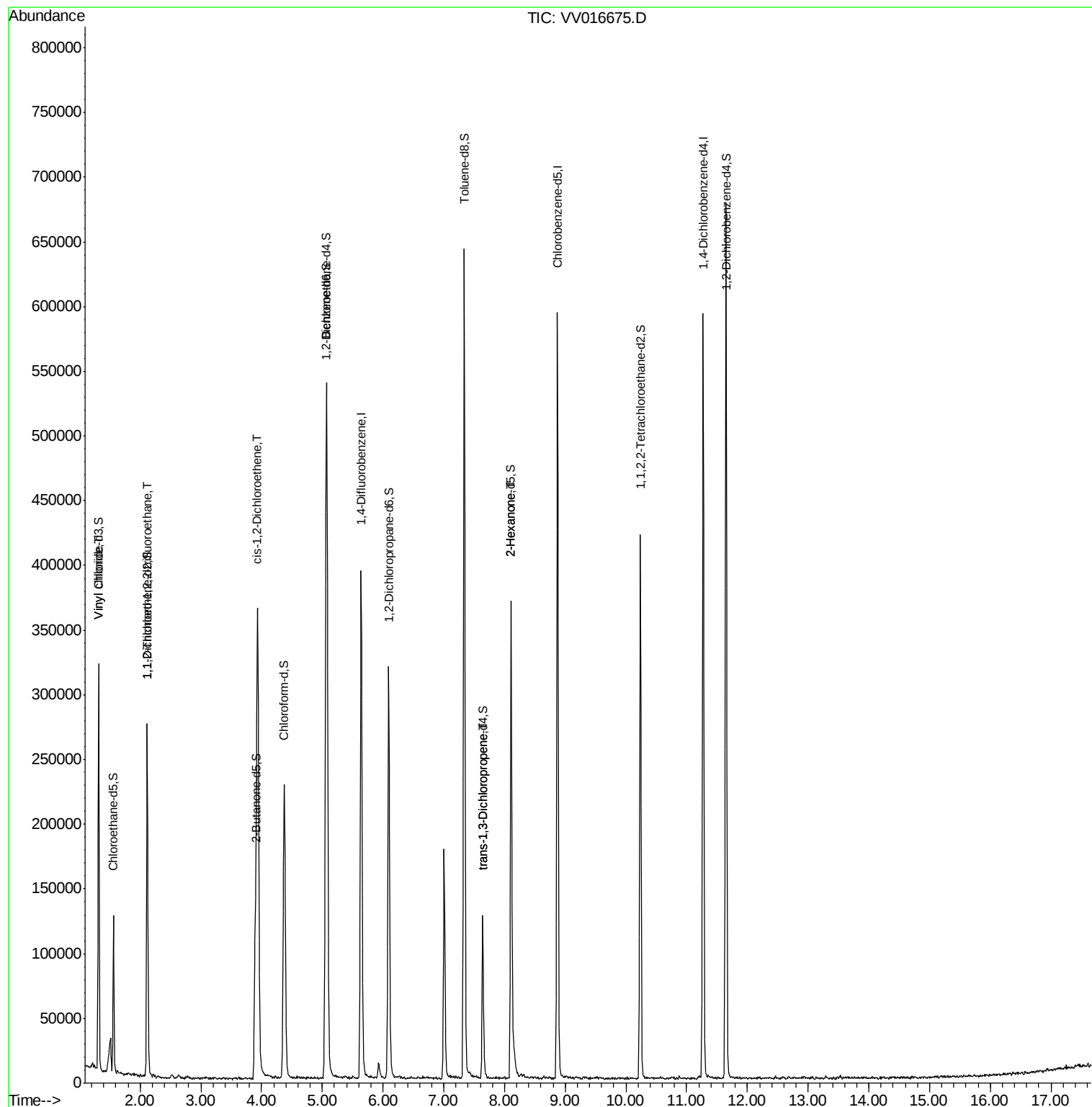
					Ovalue
5) Vinyl chloride	1.32	62	94227	40.889	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1474	0.858	ug/L # 19
20) cis-1,2-Dichloroethene	3.94	96	189636	79.528	ug/L 96
44) trans-1,3-Dichloropropene	7.64	75	3673	1.045	ug/L 88
48) 2-Hexanone	8.11	43	16173	6.327	ug/L # 72

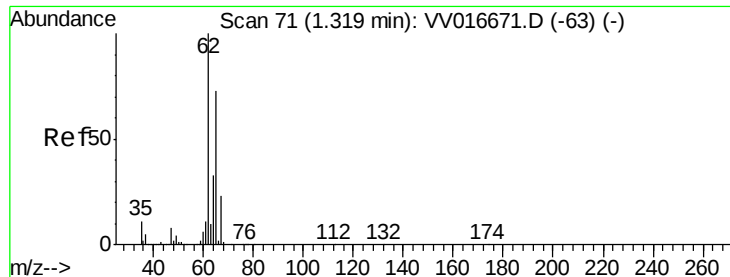
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 40.889 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016675.D

Acq: 08 Jun 2020 21:46

Instrument :

MSVOA_V

ClientSampleId :

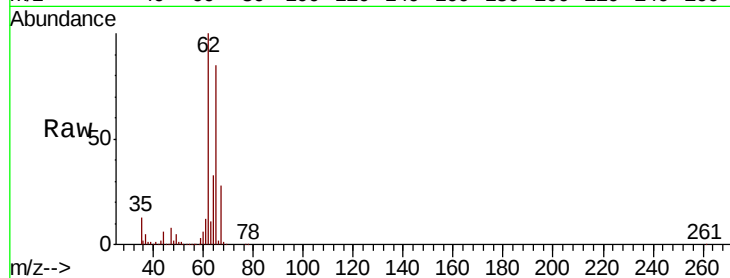
ETTS0DL

Tot Ion: 62 Resp: 94227

Ion Ratio Lower Upper

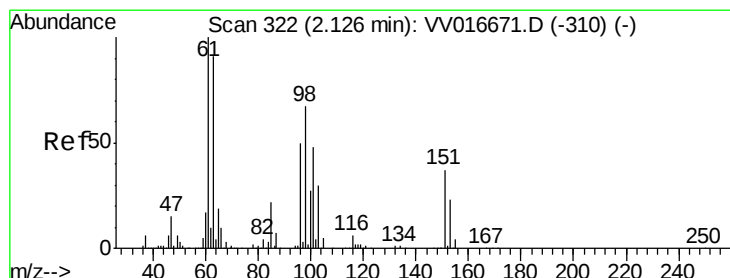
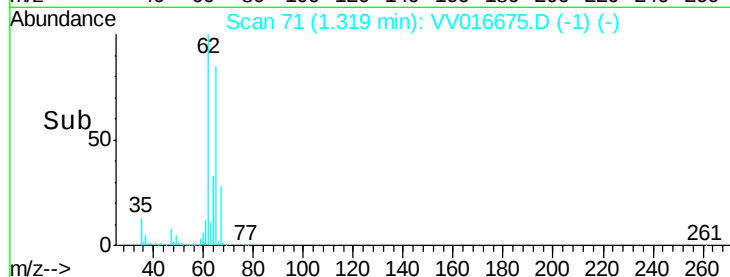
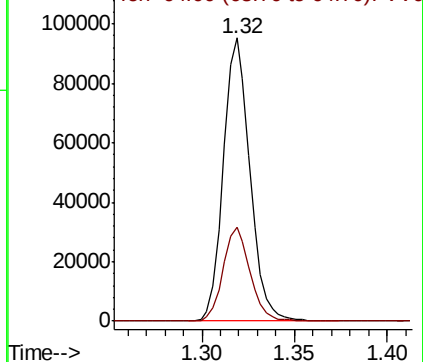
62 100

64 33.2 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

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

Concen: 0.858 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016675.D

Acq: 08 Jun 2020 21:46

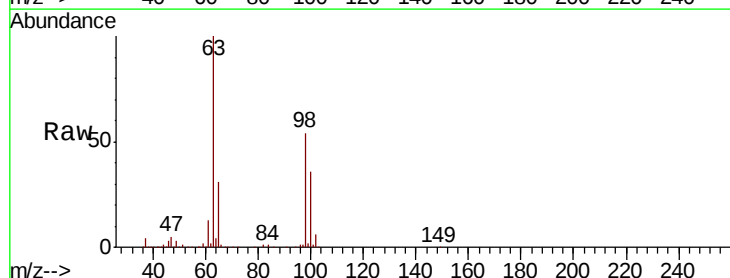
Tgt Ion: 101 Resp: 1474

Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

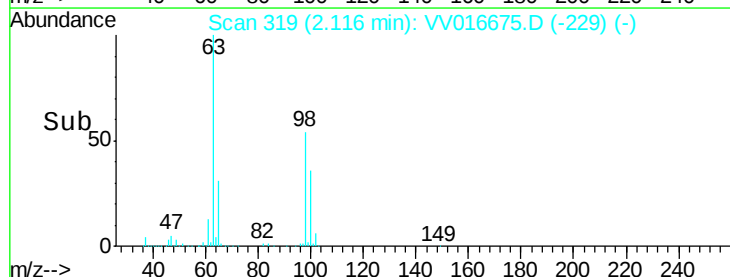
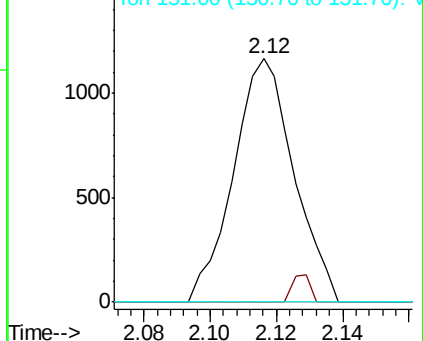
151 0.0 63.9 95.9#

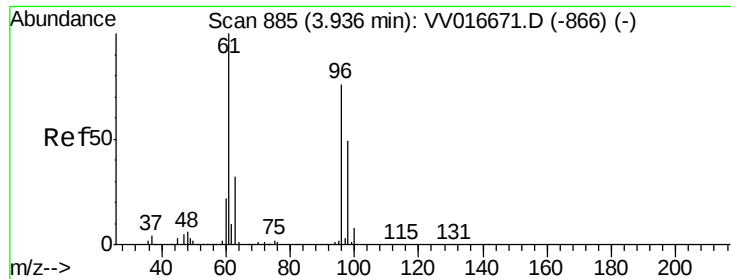


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

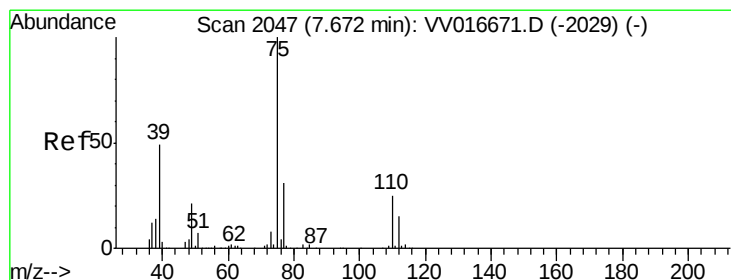
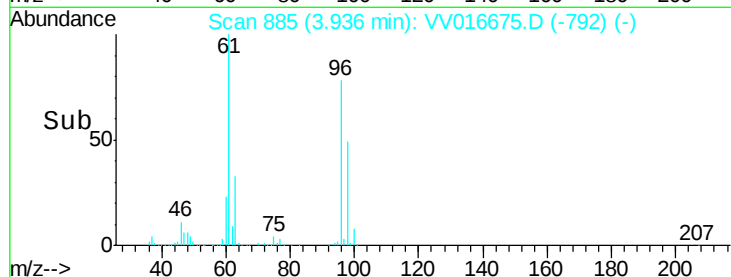
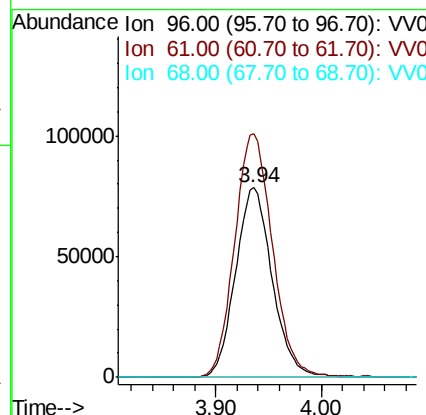
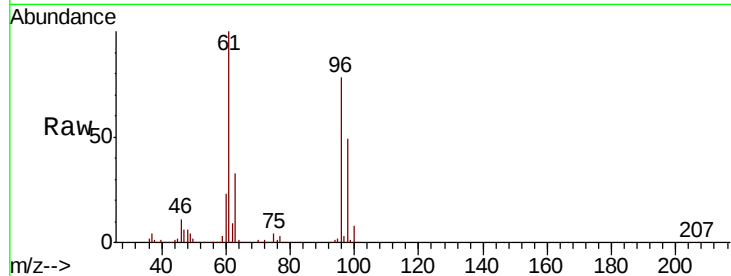




#20
 cis-1,2-Dichloroethene
 Concen: 79.528 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016675.D
 Acq: 08 Jun 2020 21:46

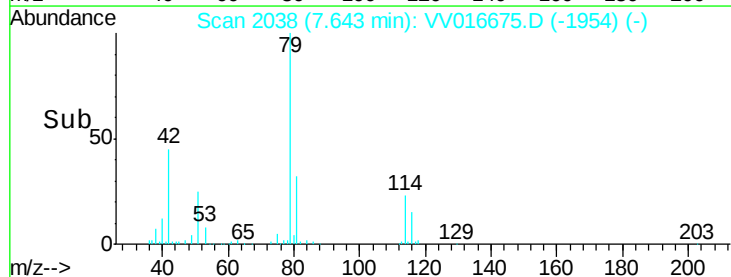
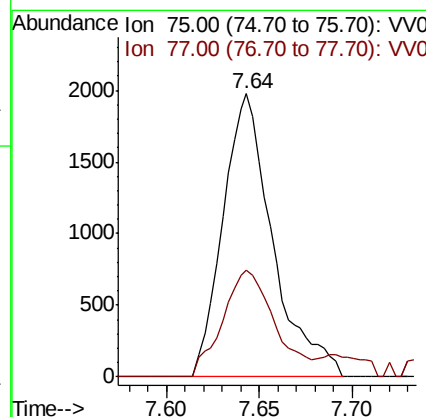
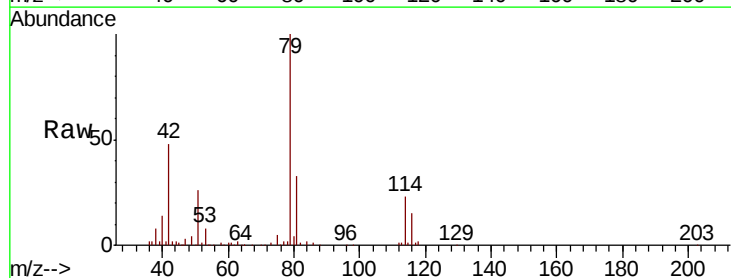
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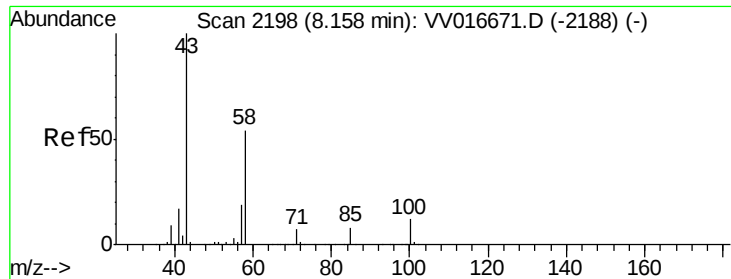
Tot Ion: 96 Resp: 189636
 Ion Ratio Lower Upper
 96 100
 61 128.5 93.4 173.4
 68 0.0 0.0 0.0



#44
 trans-1,3-Dichloropropene
 Concen: 1.045 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016675.D
 Acq: 08 Jun 2020 21:46

Tgt Ion: 75 Resp: 3673
 Ion Ratio Lower Upper
 75 100
 77 37.9 21.7 40.3





#48

2-Hexanone

Concen: 6.327 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV016675.D

Acq: 08 Jun 2020 21:46

Instrument :

MSVOA_V

ClientSampleId :

ETTS0DL

Tot Ion: 43 Resp: 16173

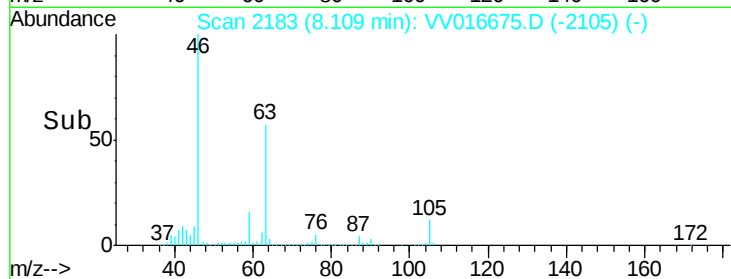
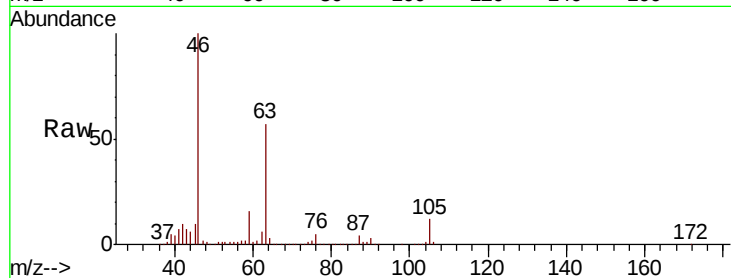
Ion Ratio Lower Upper

43 100

58 30.8 43.1 64.7#

57 25.6 15.3 22.9#

100 0.3 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

