

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016659.D
 Acq On : 08 Jun 2020 15:02
 Operator : SY/MD
 Sample : L2862-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E31

Quant Time: Jun 09 01:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	382338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122329	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.56	69	88118	54.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.86%
11) 1,1-Dichloroethene-d2	2.12	63	164312	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	3.89	46	199573	99.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.95%
24) Chloroform-d	4.37	84	257541	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
26) 1,2-Dichloroethane-d4	5.05	65	182713	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
32) Benzene-d6	5.07	84	518550	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.09	67	159460	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.34	98	467914	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%
43) trans-1,3-Dichloropropene-	7.64	79	77707	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
47) 2-Hexanone-d5	8.11	63	136578	97.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212187	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	192373	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

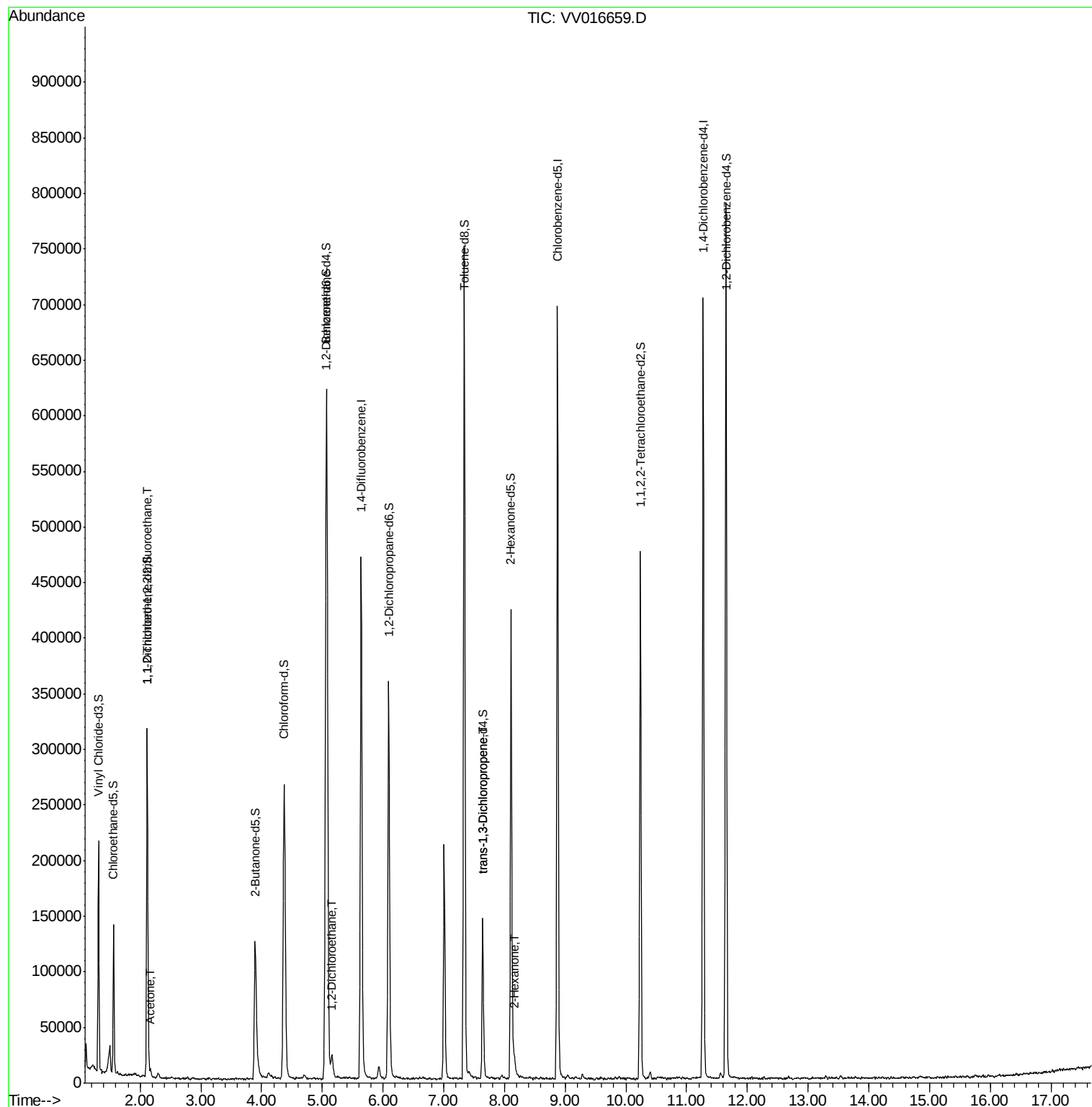
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1851	0.911 ug/L #	28
13) Acetone	2.17	43	5371	4.082 ug/L	74
27) 1,2-Dichloroethane	5.16	62	19137	4.561 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3867	0.933 ug/L	97
48) 2-Hexanone	8.17	43	9166	3.041 ug/L #	75

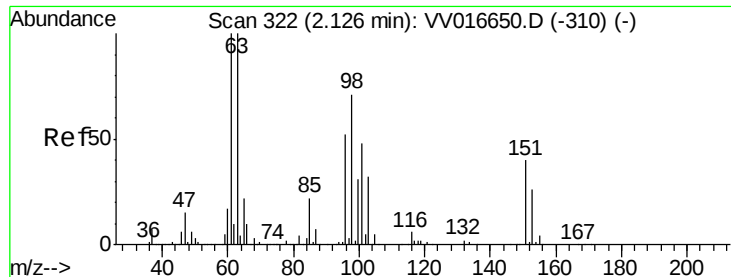
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.911 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV016659.D

Acq: 08 Jun 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

F9E31

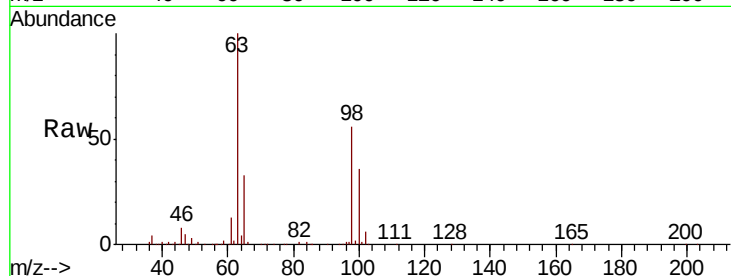
Tot Ion:101 Resp: 1851

Ion Ratio Lower Upper

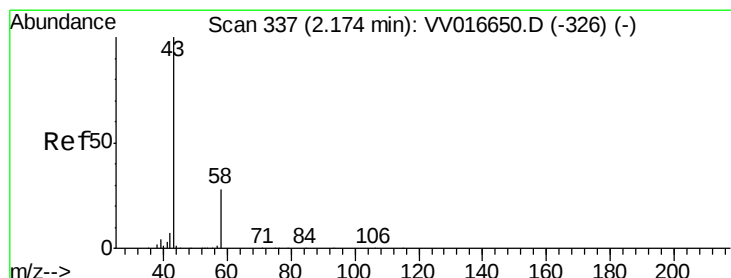
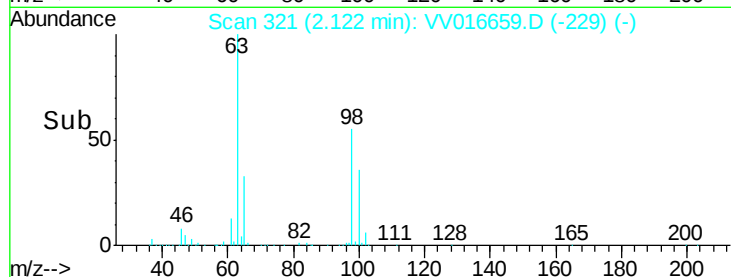
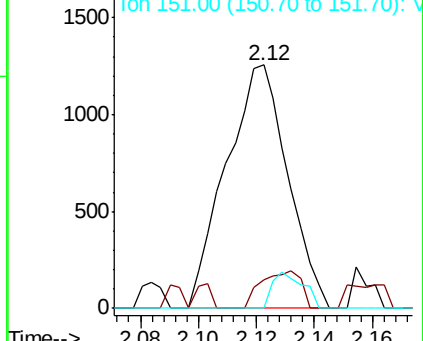
101 100

85 9.8 35.5 53.3#

151 7.6 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016659.D (-229) (-)



#13

Acetone

Concen: 4.082 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016659.D

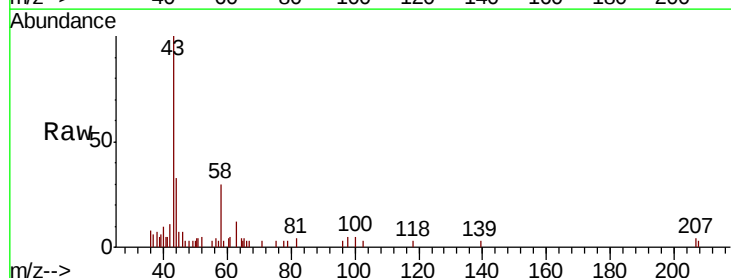
Acq: 08 Jun 2020 15:02

Tgt Ion: 43 Resp: 5371

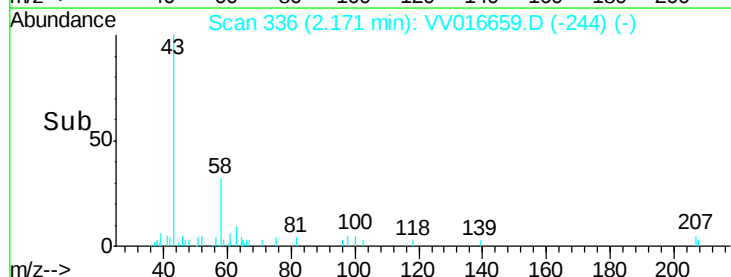
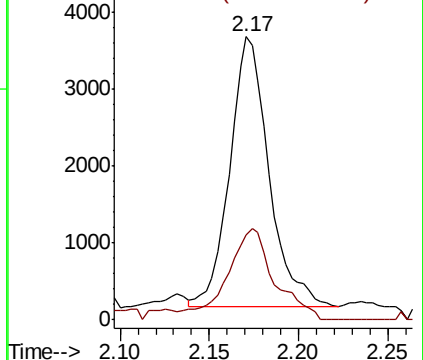
Ion Ratio Lower Upper

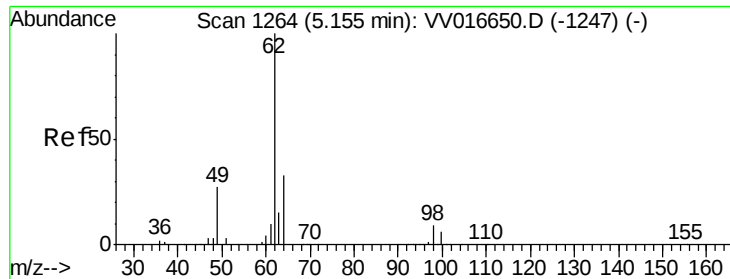
43 100

58 41.0 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016659.D (-244) (-)





#27

1,2-Dichloroethane

Concen: 4.561 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VV016659.D

Acq: 08 Jun 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

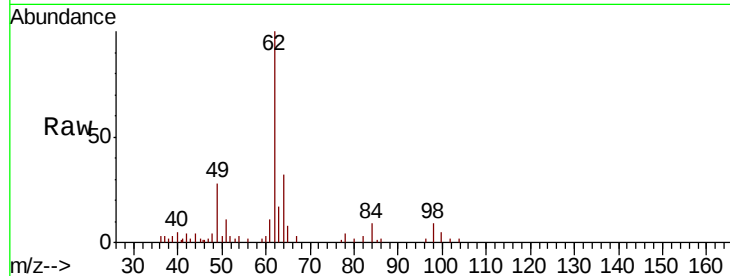
F9E31

Tot Ion: 62 Resp: 19137

Ion Ratio Lower Upper

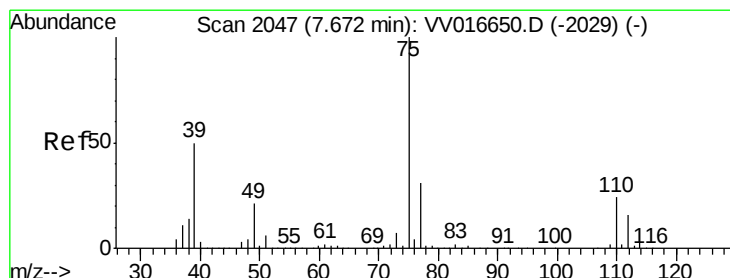
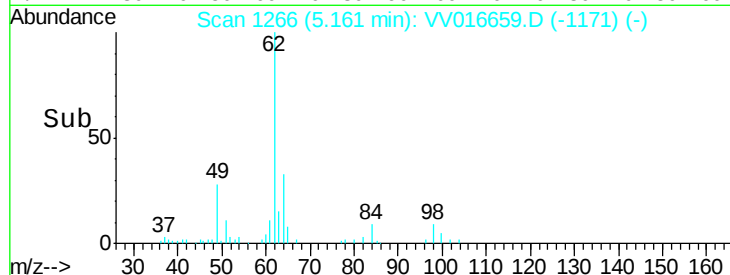
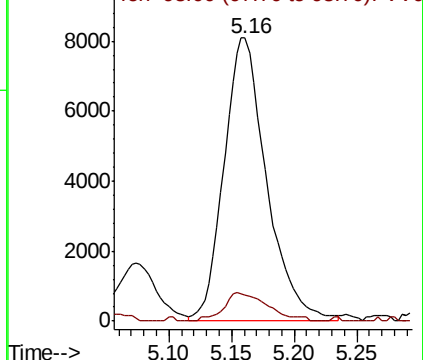
62 100

98 9.1 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016659.D

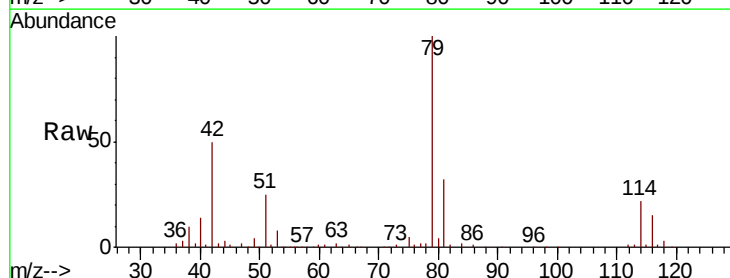
Acq: 08 Jun 2020 15:02

Tgt Ion: 75 Resp: 3867

Ion Ratio Lower Upper

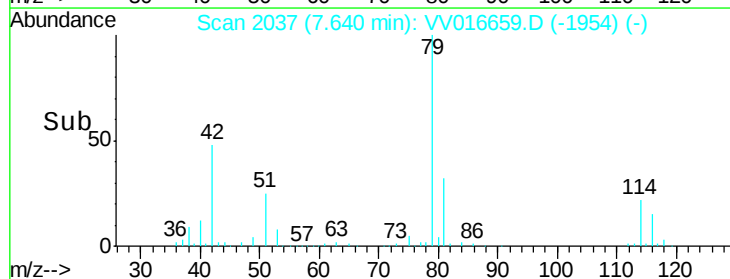
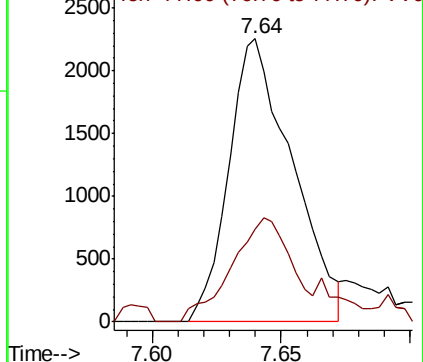
75 100

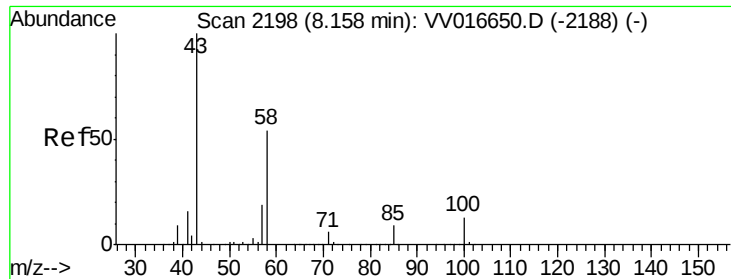
77 32.9 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 3.041 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016659.D

Acq: 08 Jun 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

F9E31

Tot Ion: 43 Resp: 9166

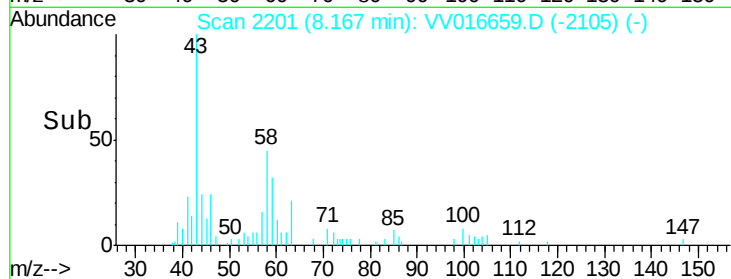
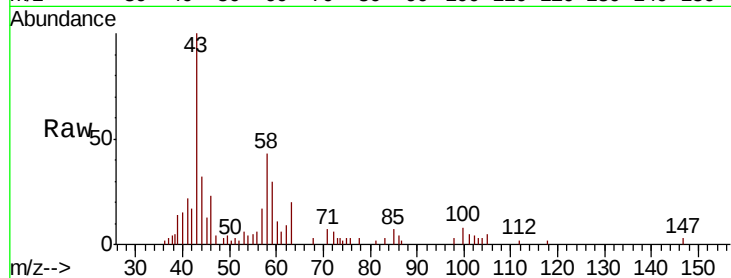
Ion Ratio Lower Upper

43 100

58 36.1 43.1 64.7#

57 4.8 15.3 22.9#

100 5.5 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

