

Data File : VU031409.D
Acq On : 22 Apr 2019 22:52
Operator : JC/SP
Sample : K2428-11
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR1DL

Quant Time: Apr 23 04:07:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	692572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	592500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	270866	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.68	69	216223	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	376251	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
21) 2-Butanone-d5	4.20	46	424252	101.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.12%
24) Chloroform-d	4.64	84	429120	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.31	65	266817	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
32) Benzene-d6	5.34	84	920135	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
36) 1,2-Dichloropropane-d6	6.32	67	301850	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.60%
41) Toluene-d8	7.56	98	786452	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	7.85	79	122317	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.48%
47) 2-Hexanone-d5	8.31	63	273898	99.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	389615	52.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	263734	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

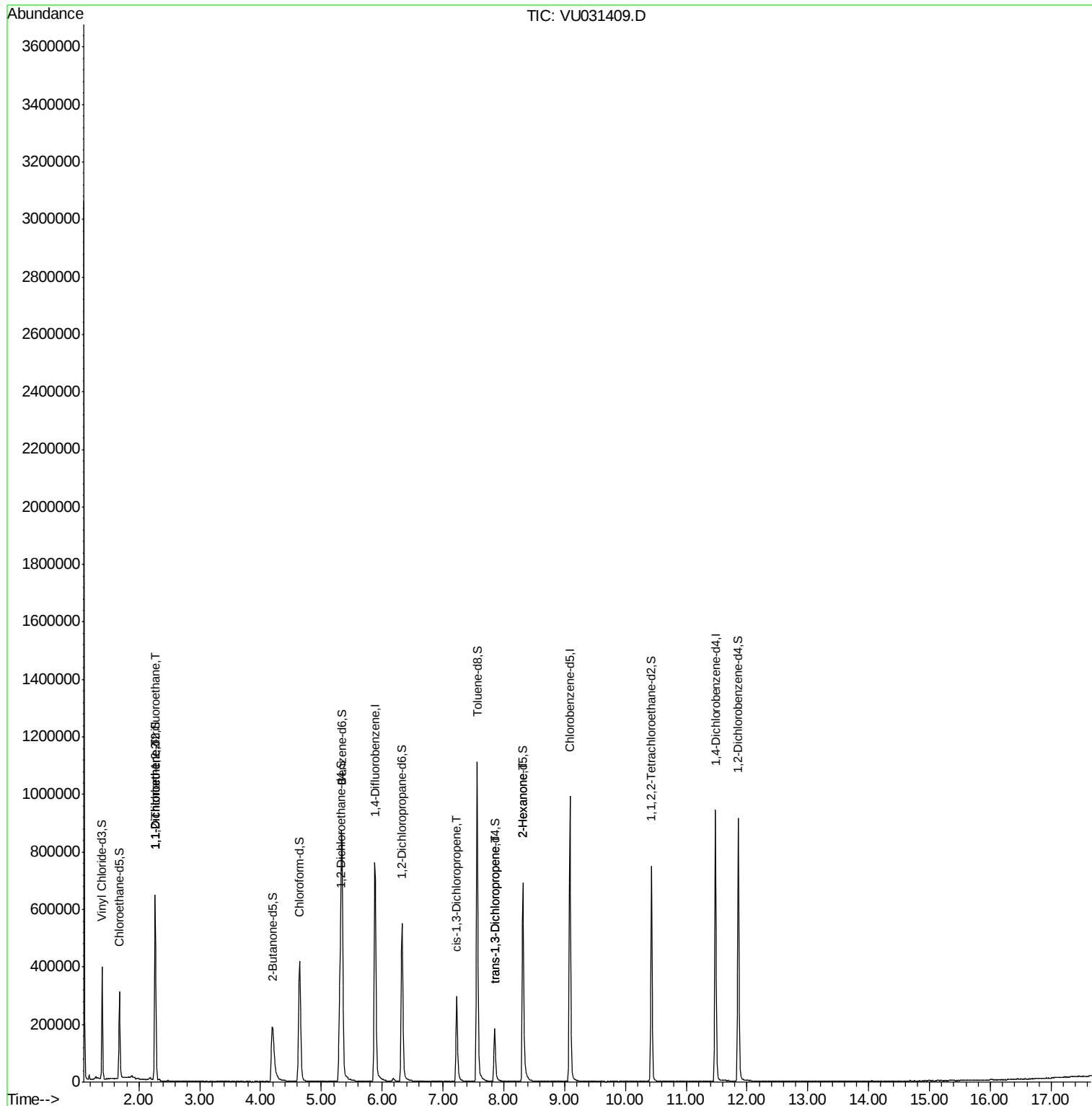
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3721	0.868 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3276	0.776 ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	6078	0.889 ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	4528	0.768 ug/L	99
48) 2-Hexanone	8.31	43	28625	5.286 ug/L #	72

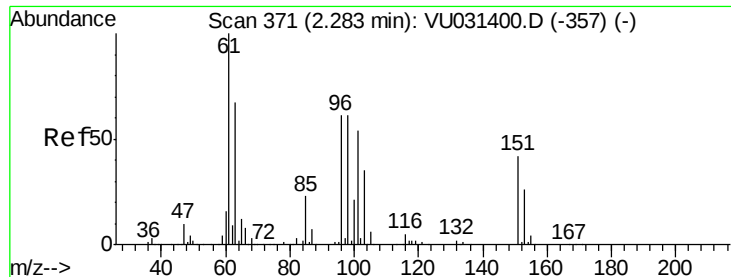
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.868 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031409.D

Acq: 22 Apr 2019 22:52

Instrument :

MSVOA_U

ClientSampleId :

GAHR1DL

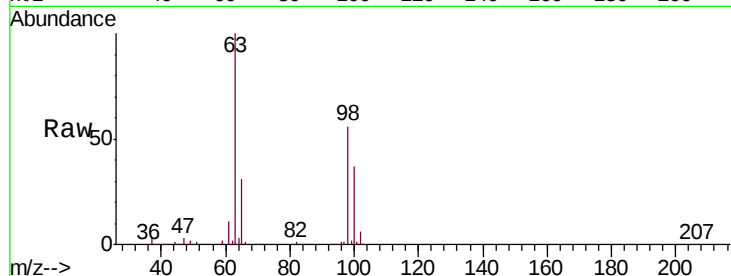
Tgt Ion: 101 Resp: 3721

Ion Ratio Lower Upper

101 100

85 1.2 33.1 49.7#

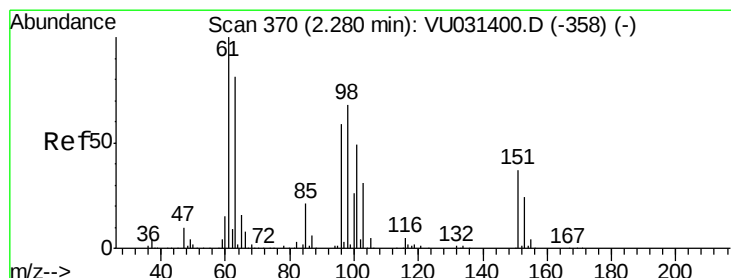
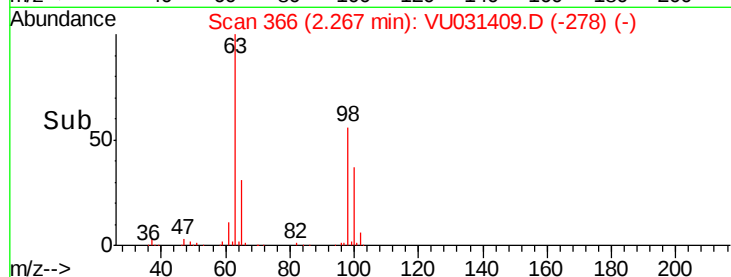
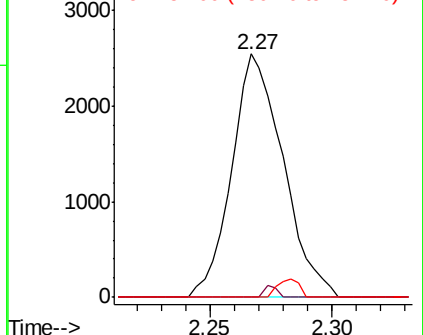
151 3.3 61.4 92.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031409.D

Acq: 22 Apr 2019 22:52

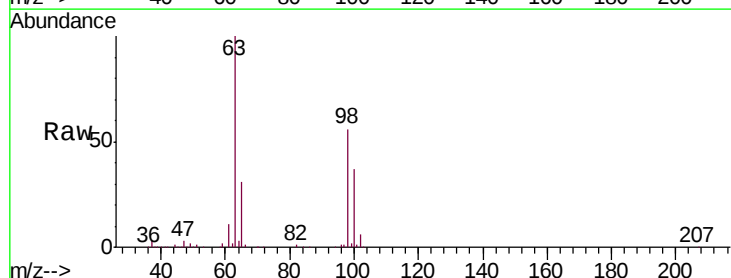
Tgt Ion: 96 Resp: 3276

Ion Ratio Lower Upper

96 100

61 1111.3 118.9 220.9#

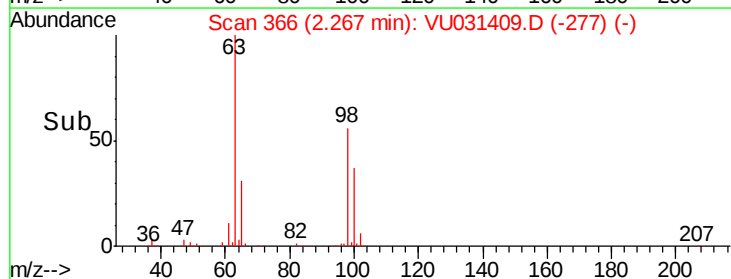
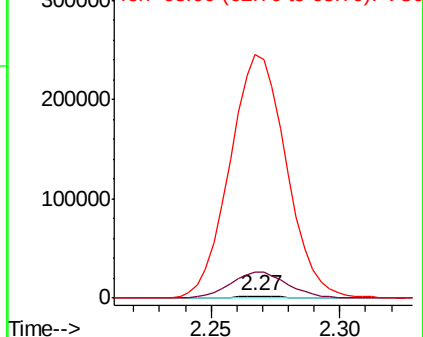
63 10515.7 99.3 184.3#

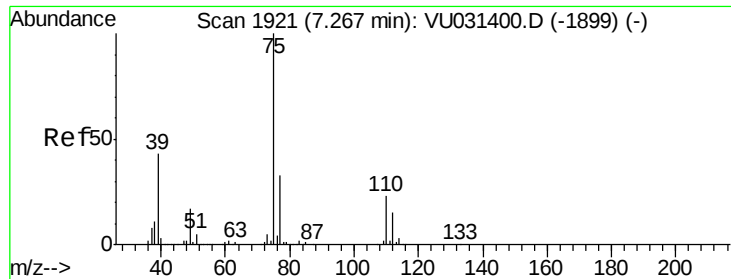


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

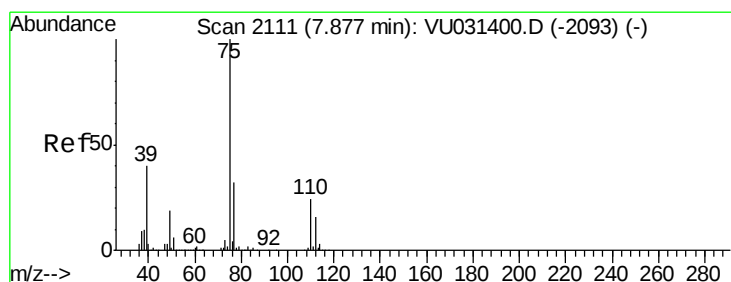
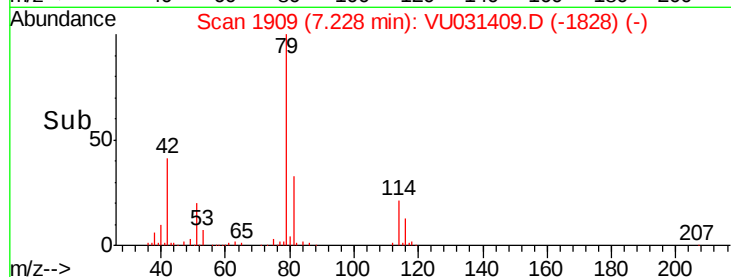
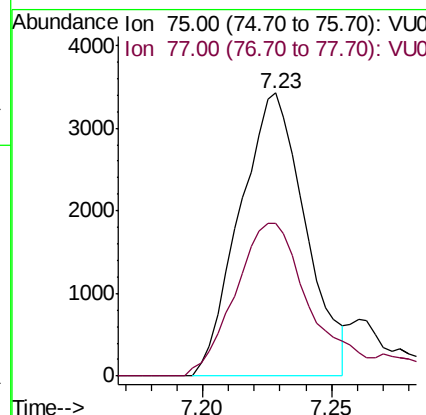
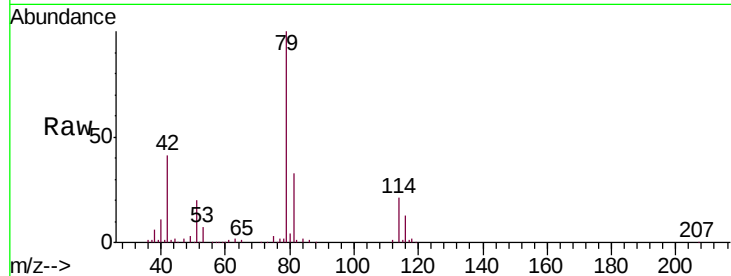




#39
 cis-1,3-Dichloropropene
 Concen: 0.889 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU031409.D
 Acq: 22 Apr 2019 22:52

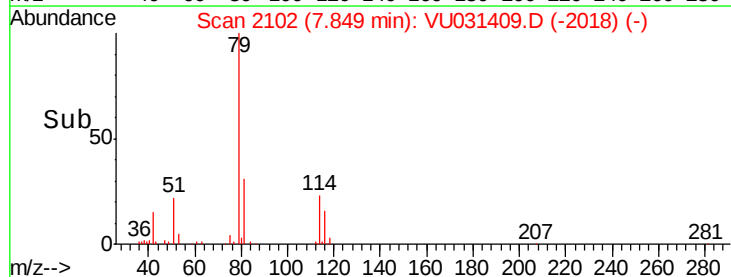
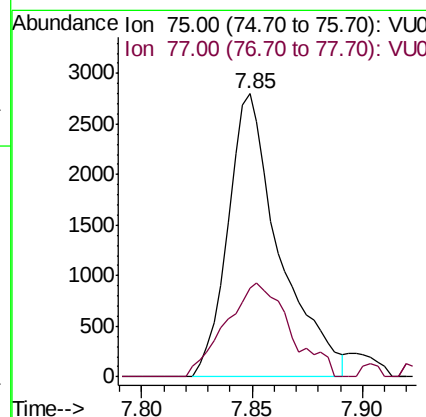
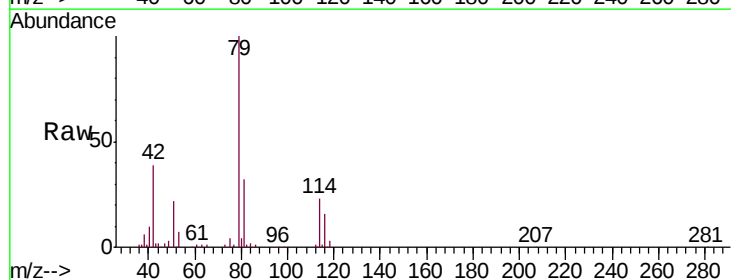
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR1DL

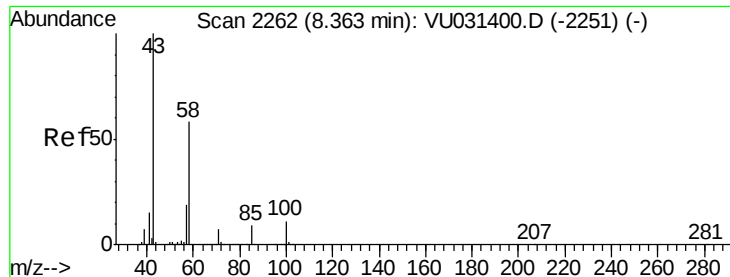
Tgt Ion: 75 Resp: 6078
 Ion Ratio Lower Upper
 75 100
 77 54.0 23.0 42.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.768 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031409.D
 Acq: 22 Apr 2019 22:52

Tgt Ion: 75 Resp: 4528
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3





#48

2-Hexanone

Concen: 5.286 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031409.D

Acq: 22 Apr 2019 22:52

Instrument :

MSVOA_U

ClientSampleId :

GAHR1DL

Tgt Ion: 43 Resp: 28625

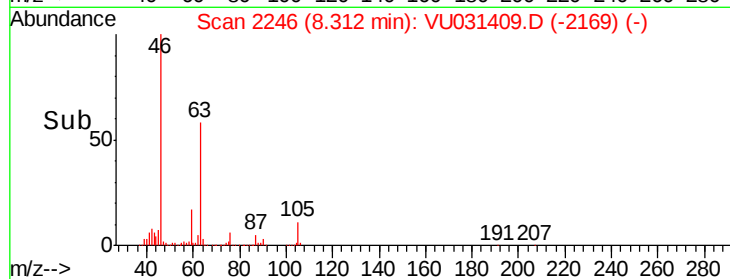
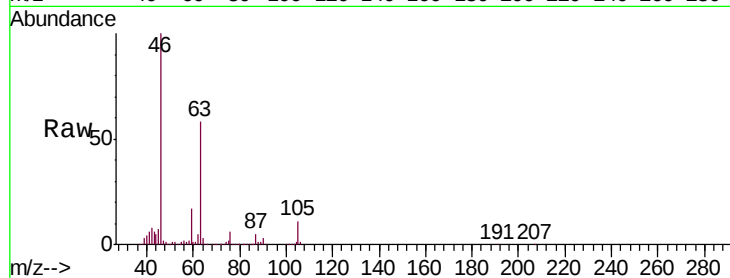
Ion Ratio Lower Upper

43 100

58 32.5 45.5 68.3#

57 23.7 15.2 22.8#

100 0.3 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

