

Data File : VU034806.D
Acq On : 25 Sep 2019 16:27
Operator : JC/SP
Sample : K4948-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDM9DL

Quant Time: Sep 26 04:45:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	451913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	426336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	184853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	203885	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.14%
7) Chloroethane-d5	1.67	69	178399	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.26	63	278152	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	4.15	46	378718	106.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.81%
24) Chloroform-d	4.62	84	350179	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
26) 1,2-Dichloroethane-d4	5.29	65	242305	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.32	84	730418	55.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.54%
36) 1,2-Dichloropropane-d6	6.31	67	252097	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.16%
41) Toluene-d8	7.54	98	684287	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%
43) trans-1,3-Dichloropropene-	7.83	79	113405	51.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.54%
47) 2-Hexanone-d5	8.29	63	250434	107.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340799	53.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.36%
64) 1,2-Dichlorobenzene-d4	11.84	152	227084	58.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.16%

Target Compounds

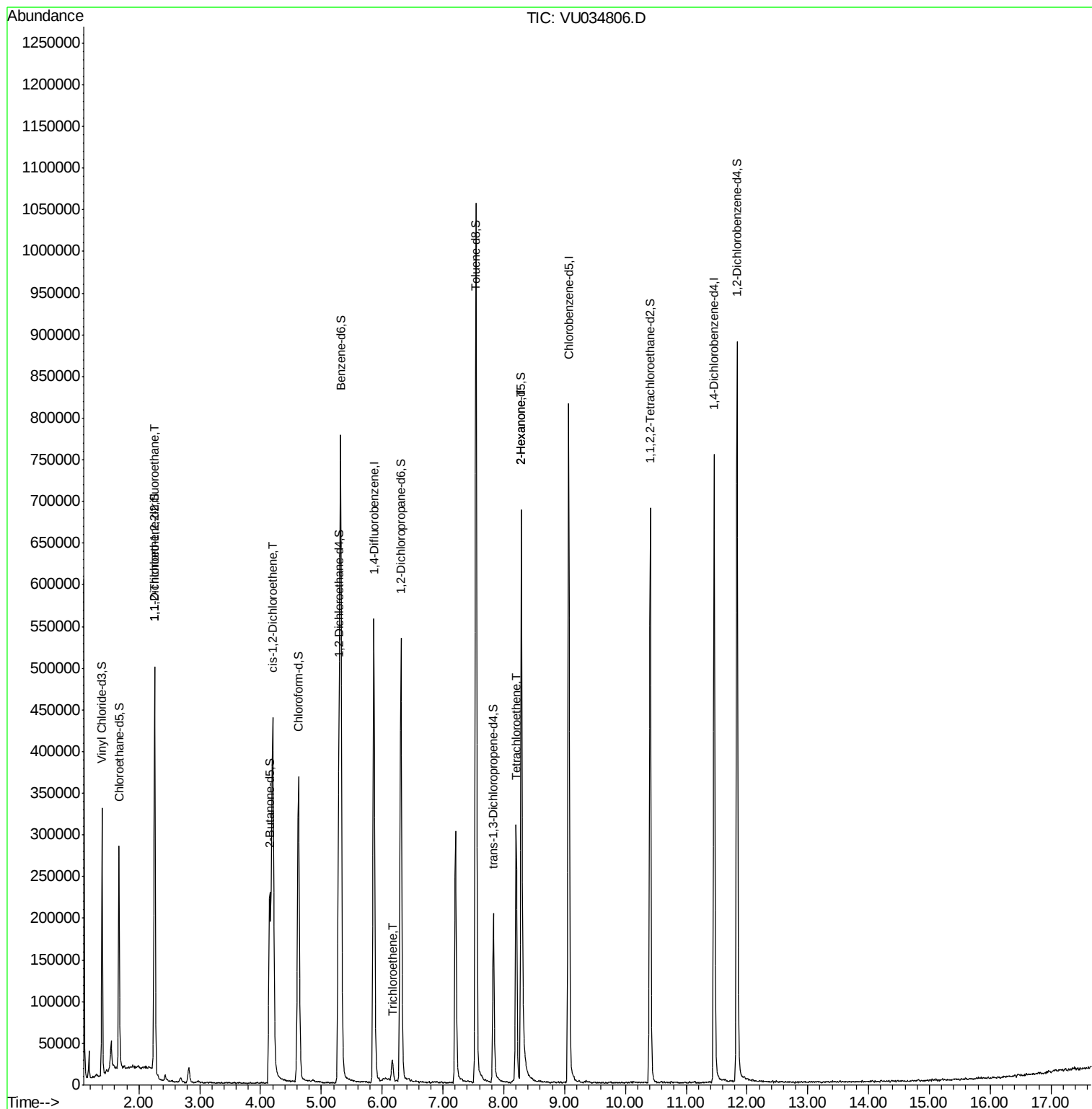
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2669	0.866 ug/L #	23
20) cis-1,2-Dichloroethene	4.20	96	223370	59.096 ug/L	89
34) Trichloroethene	6.17	95	8347	2.286 ug/L	95
46) Tetrachloroethene	8.21	164	65089	25.340 ug/L	96
48) 2-Hexanone	8.29	43	31110	4.739 ug/L #	70

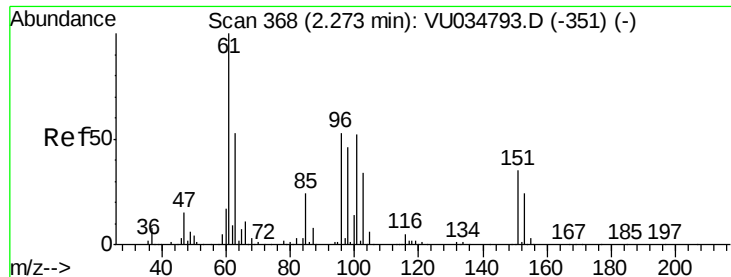
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.866 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampled :

BEDM9DL

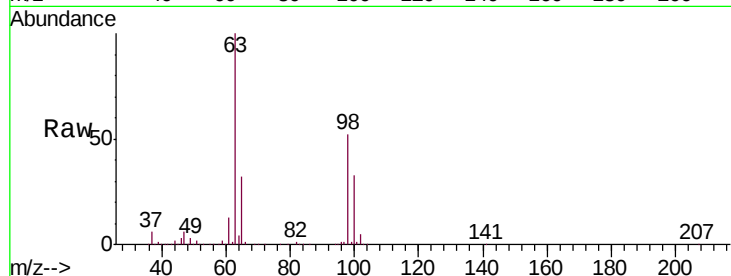
Tgt Ion:101 Resp: 2669

Ion Ratio Lower Upper

101 100

85 1.7 39.0 58.4#

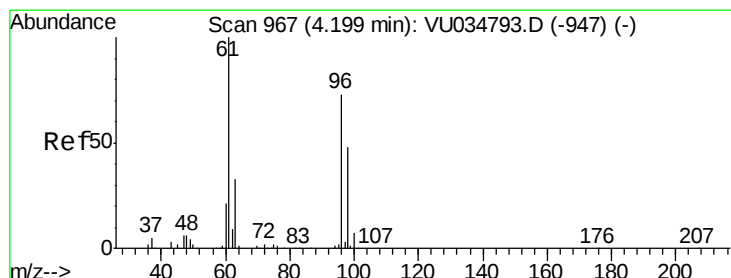
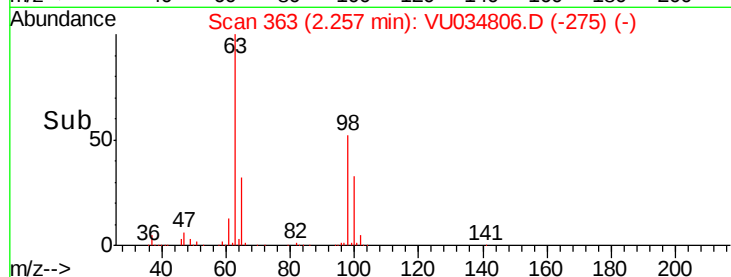
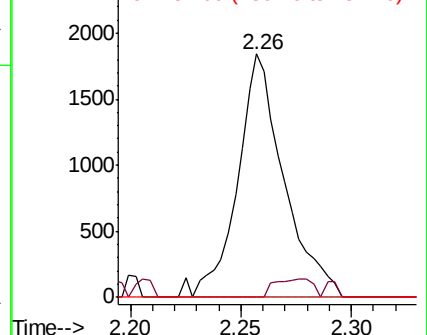
151 0.0 52.8 79.2#



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



#20

cis-1,2-Dichloroethene

Concen: 59.096 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

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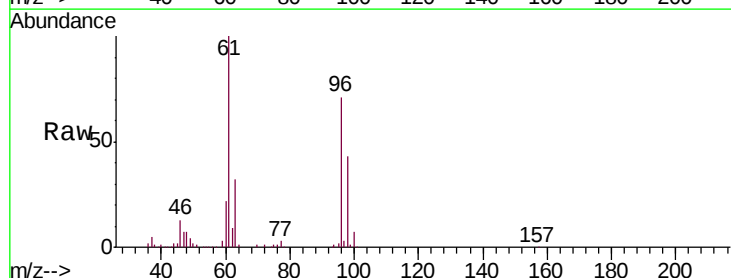
Tgt Ion: 96 Resp: 223370

Ion Ratio Lower Upper

96 100

61 141.0 108.8 202.2

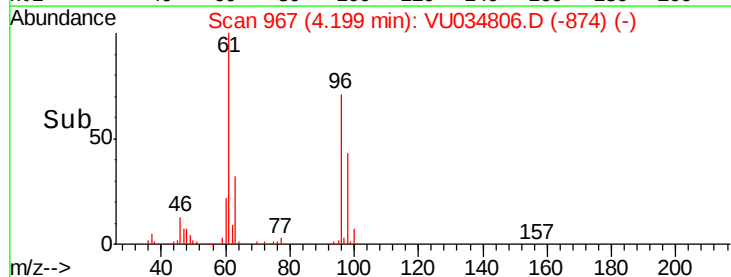
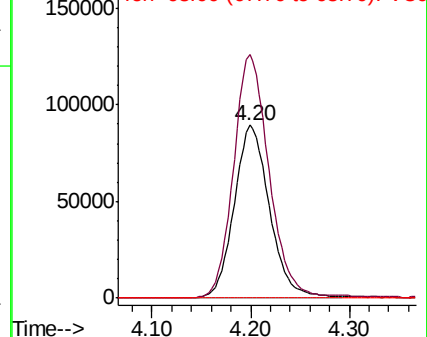
68 0.0 0.0 0.0

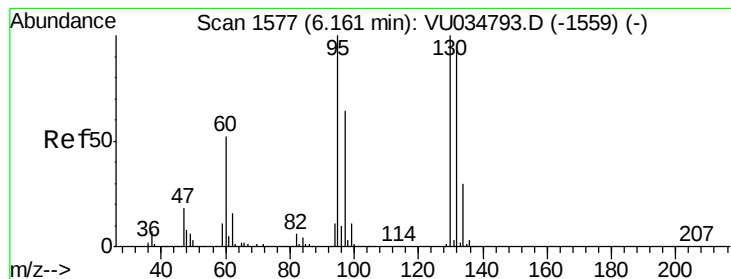


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2.286 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BEDM9DL

Tgt Ion: 95 Resp: 8347

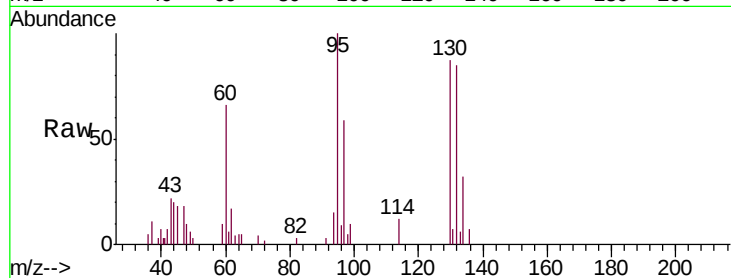
Ion Ratio Lower Upper

95 100

97 58.9 43.7 81.1

132 84.7 61.0 113.2

130 86.8 65.7 121.9

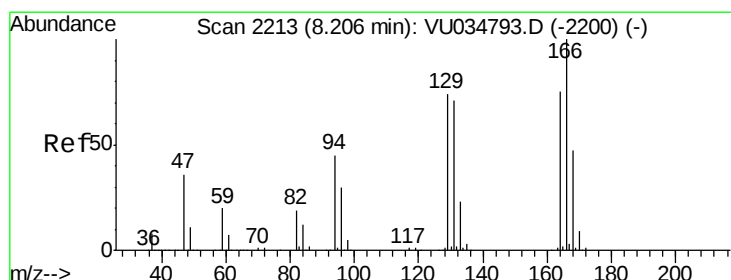
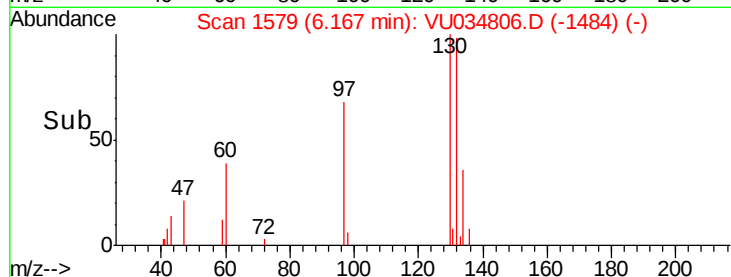
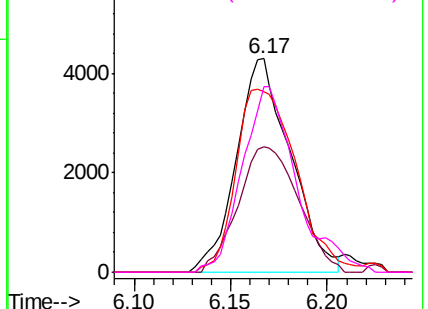


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 25.340 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034806.D

Acq: 25 Sep 2019 16:27

Tgt Ion: 164 Resp: 65089

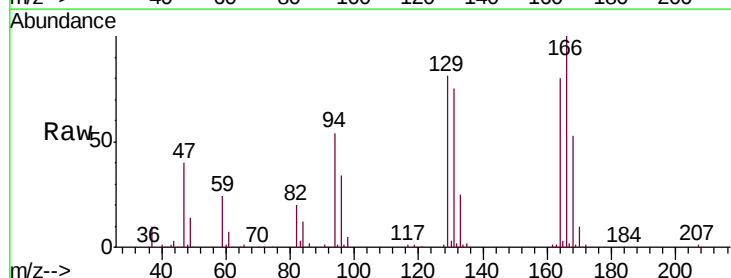
Ion Ratio Lower Upper

164 100

129 100.5 71.9 133.5

131 93.2 66.3 123.1

166 124.7 93.4 173.6

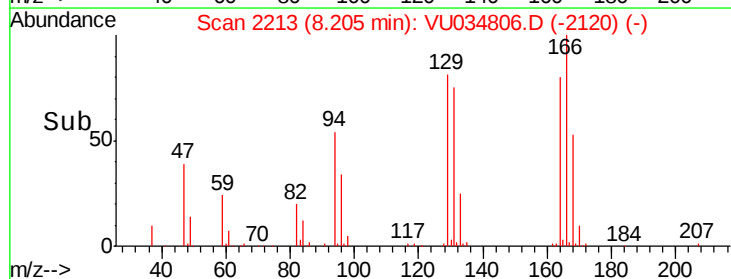
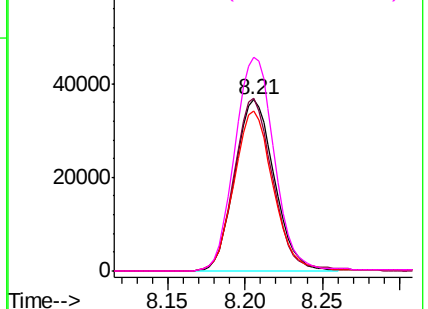


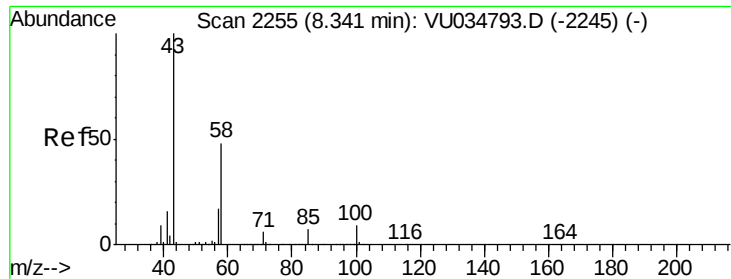
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 4.739 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU034806.D

Acq: 25 Sep 2019 16:27

Instrument :

MSVOA_U

ClientSampleId :

BEDM9DL

Tgt Ion: 43 Resp: 31110

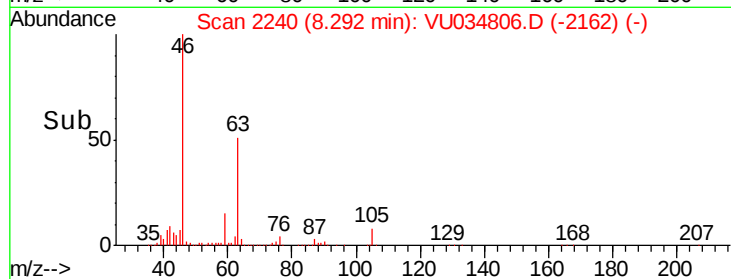
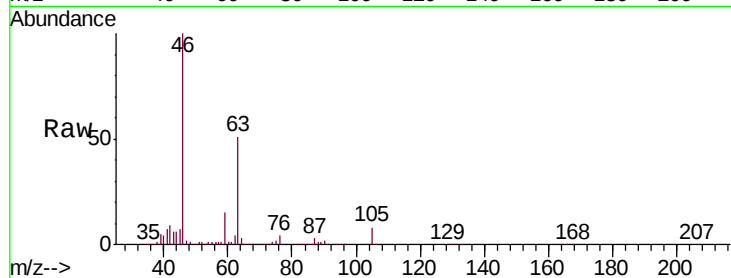
Ion Ratio Lower Upper

43 100

58 19.4 35.3 52.9#

57 18.9 12.1 18.1#

100 0.2 6.2 9.4#



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

