

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021619\
 Data File : VU029515.D
 Acq On : 15 Feb 2019 22:53
 Operator : JC/SP
 Sample : K1489-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXG2

Quant Time: Feb 16 01:29:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 00:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191838	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100289	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58923	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	54310	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.27	63	96524	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.19	46	129569	48.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	4.65	84	98065	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	54173	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	217250	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.33	67	65593	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.56	98	216949	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.85	79	26021	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.31	63	140290	51.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56594	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	96438	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

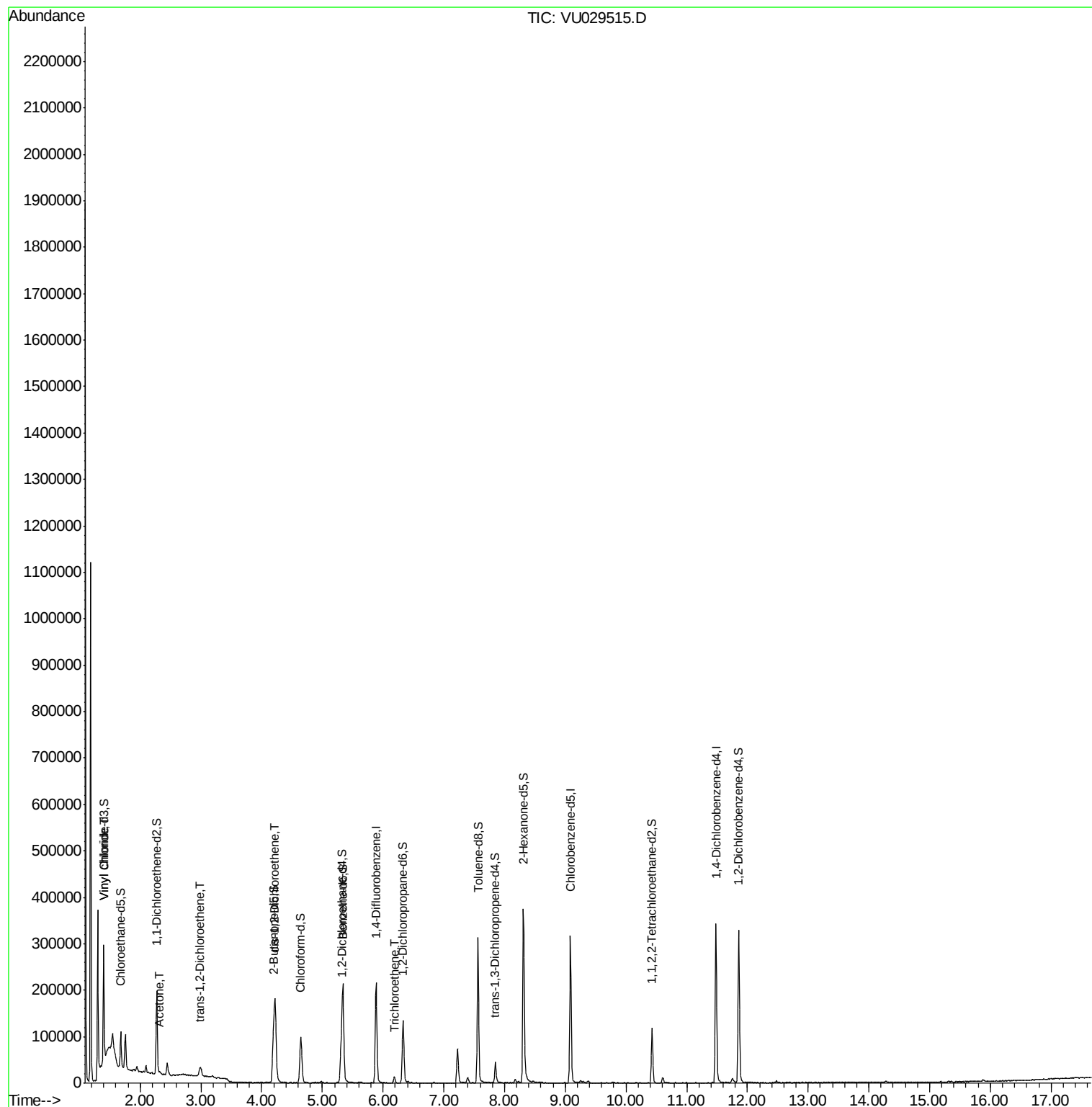
					Ovalue
5) Vinyl chloride	1.40	62	101934	5.517 ug/L	# 55
13) Acetone	2.32	43	4978	2.045 ug/L	92
18) trans-1,2-Dichloroethene	2.98	96	5291	0.314 ug/L	90
22) cis-1,2-Dichloroethene	4.22	96	93251	6.022 ug/L	99
34) Trichloroethene	6.19	95	4363	0.283 ug/L	88

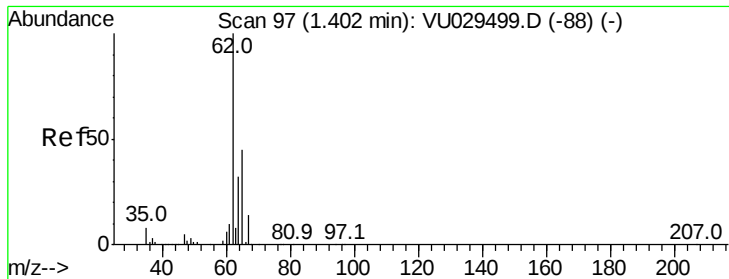
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021619\
Data File : VU029515.D
Acq On : 15 Feb 2019 22:53
Operator : JC/SP
Sample : K1489-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXG2

Quant Time: Feb 16 01:29:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.517 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029515.D

Acq: 15 Feb 2019 22:53

Instrument :

MSVOA_U

ClientSampleId :

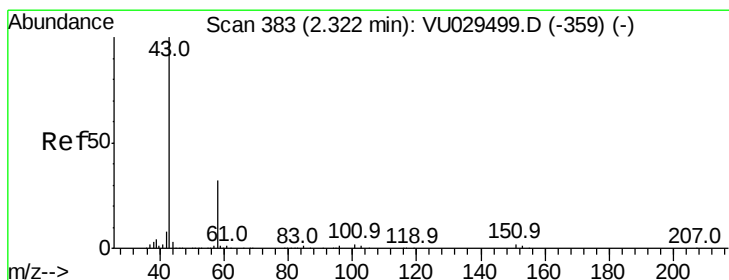
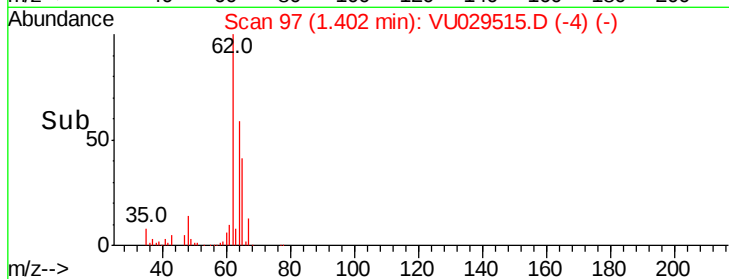
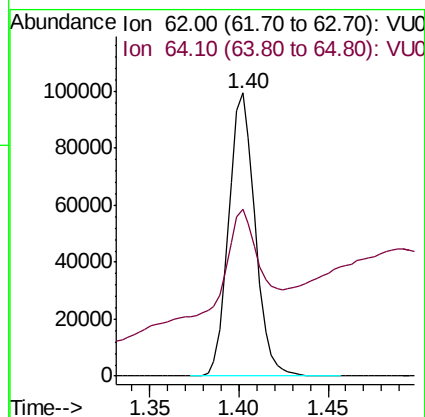
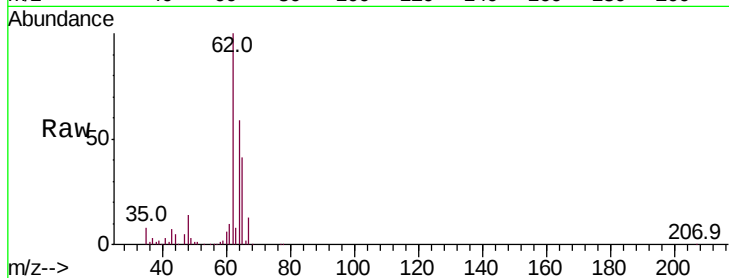
ESXG2

Tot Ion: 62 Resp: 101934

Ion Ratio Lower Upper

62 100

64 59.1 23.5 43.7#



#13

Acetone

Concen: 2.045 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029515.D

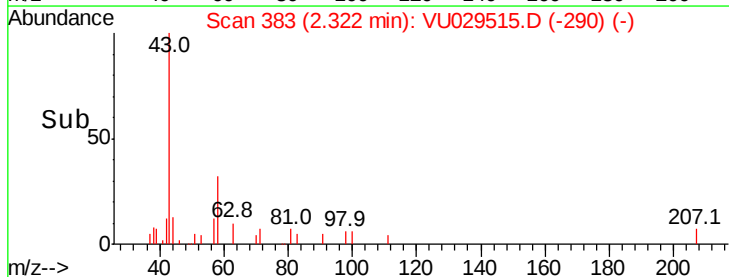
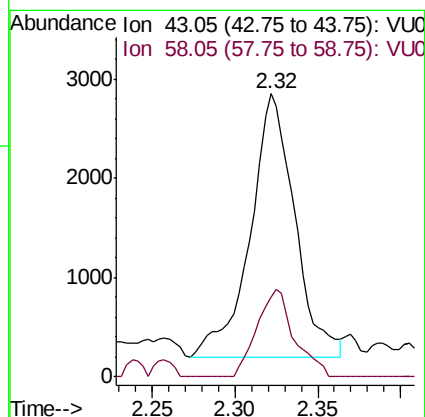
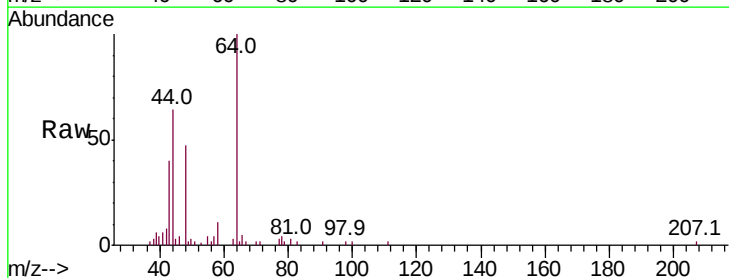
Acq: 15 Feb 2019 22:53

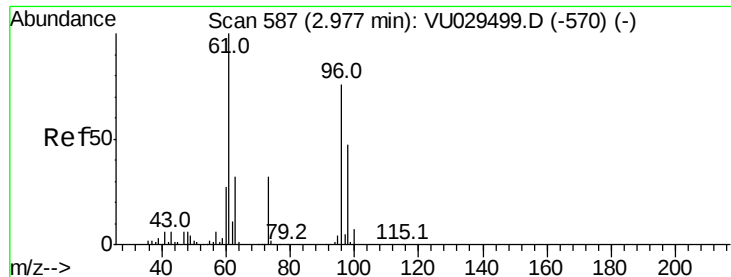
Tgt Ion: 43 Resp: 4978

Ion Ratio Lower Upper

43 100

58 27.8 0.0 65.0





#18

trans-1,2-Dichloroethene

Concen: 0.314 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU029515.D

Acq: 15 Feb 2019 22:53

Instrument :

MSVOA_U

ClientSampleId :

ESXG2

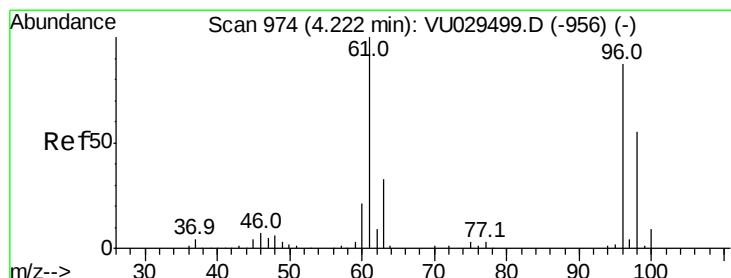
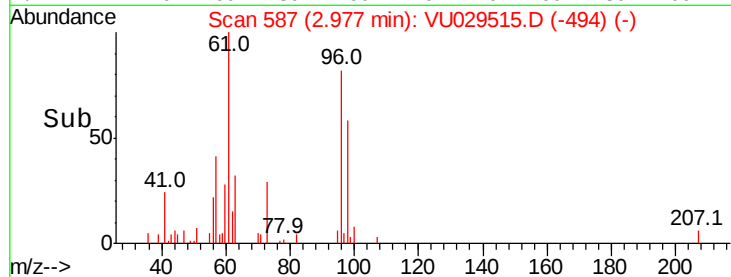
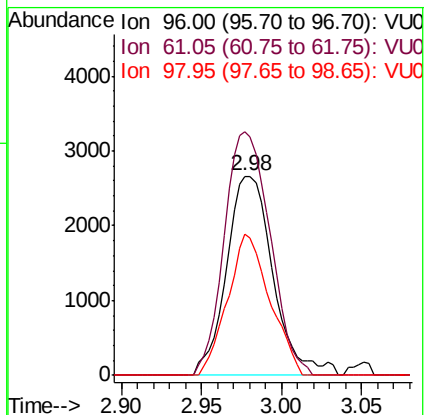
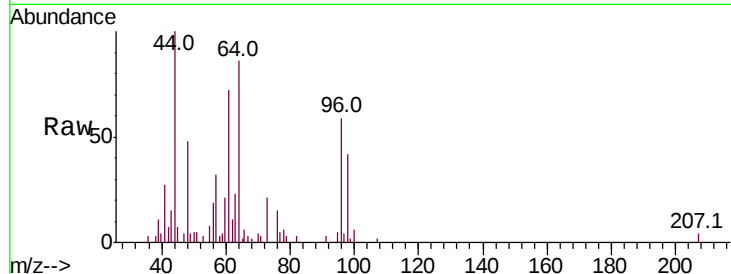
Tot Ion: 96 Resp: 5291

Ion Ratio Lower Upper

96 100

61 122.1 95.4 177.2

98 70.7 45.8 85.2



#22

cis-1,2-Dichloroethene

Concen: 6.022 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029515.D

Acq: 15 Feb 2019 22:53

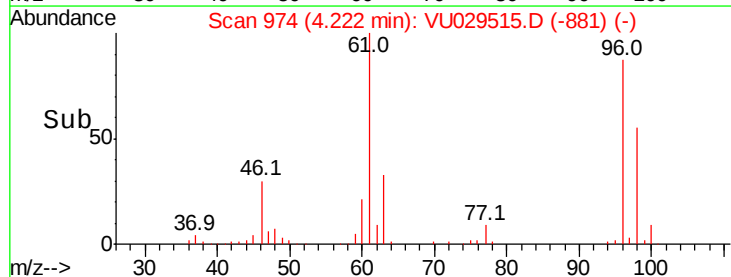
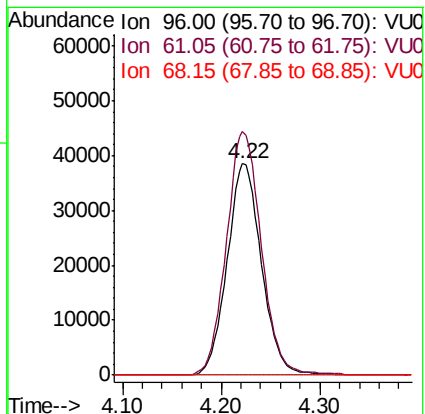
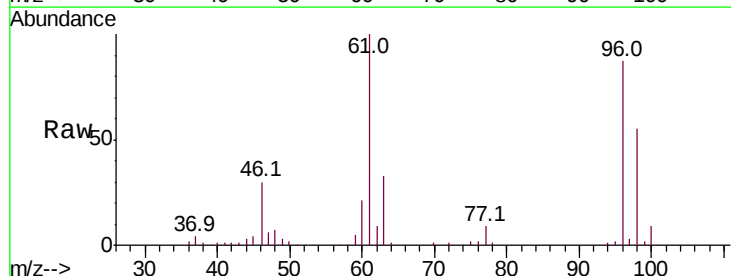
Tgt Ion: 96 Resp: 93251

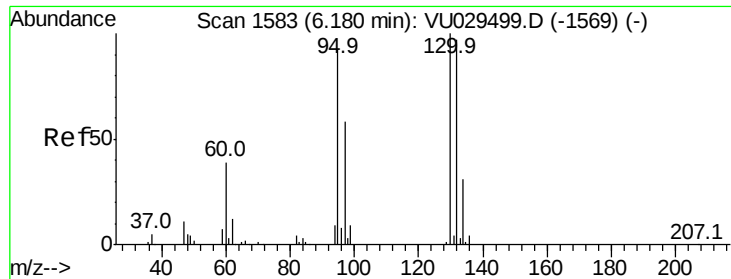
Ion Ratio Lower Upper

96 100

61 115.3 79.9 148.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.283 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU029515.D

Acq: 15 Feb 2019 22:53

Instrument :

MSVOA_U

ClientSampleId :

ESXG2

Tot Ion: 95 Resp: 4363

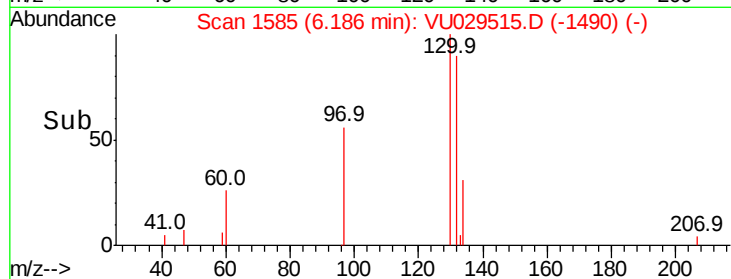
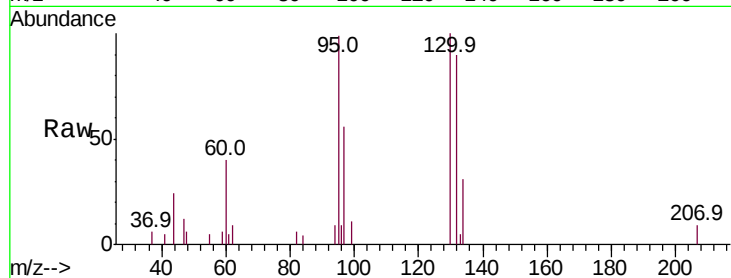
Ion Ratio Lower Upper

95 100

97 56.5 46.3 86.1

132 91.5 72.9 135.3

130 101.3 79.2 147.0



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

