

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035856.D
 Acq On : 26 Nov 2019 14:27
 Operator : JC/SP
 Sample : K5992-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF6

Quant Time: Nov 27 02:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	218551	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	253379	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	155185	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.93	69	134167	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.59	63	183163	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.69	46	345221	52.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	5.11	84	246595	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.75	65	136438	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	459172	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.74	67	160141	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	359684	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.22	79	52843	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.68	63	257270	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	127084	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	109106	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

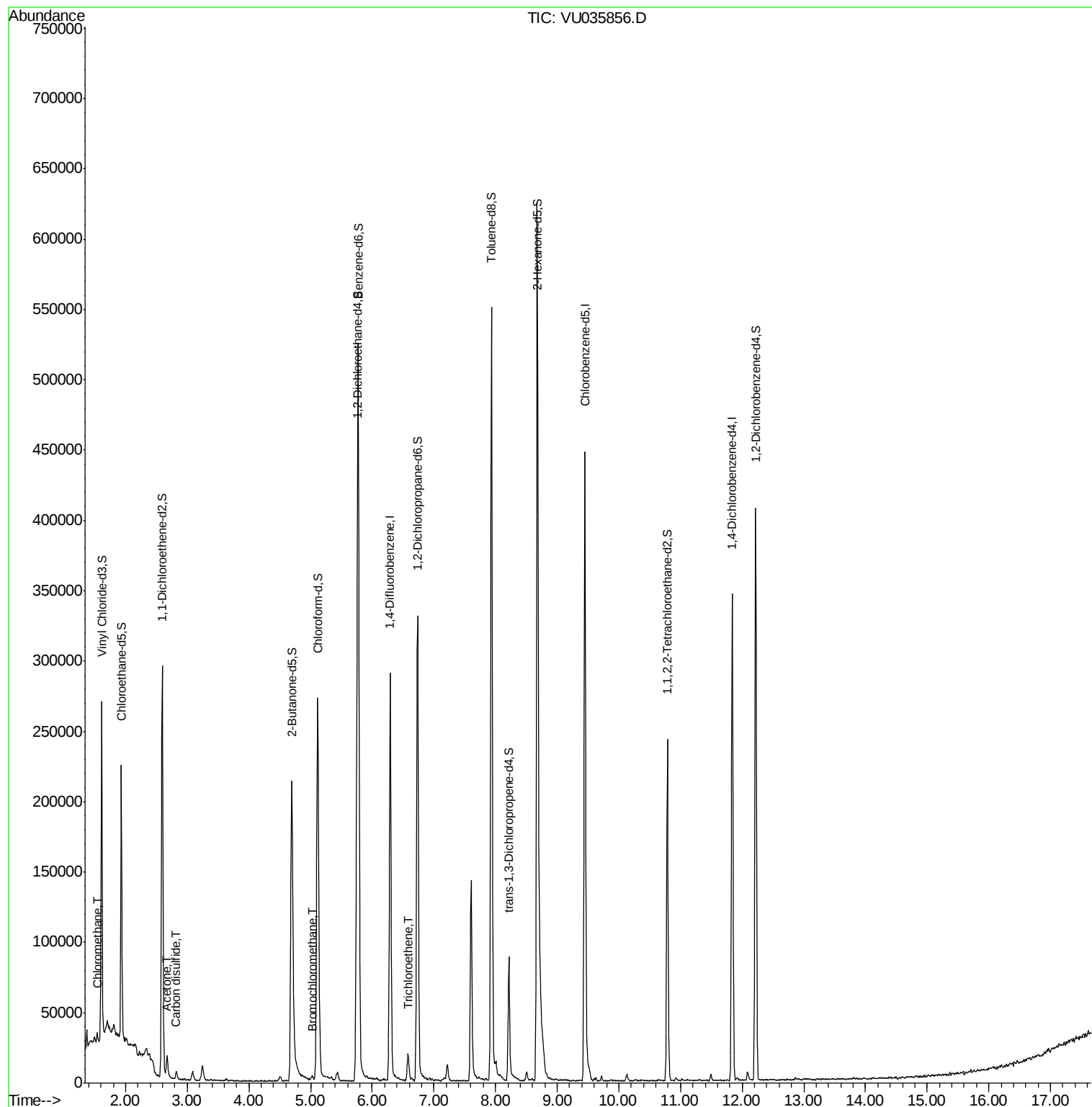
					Qvalue
3) Chloromethane	1.54	50	4383	0.120 ug/L	88
13) Acetone	2.67	43	18932	3.263 ug/L	93
14) Carbon disulfide	2.82	76	6623	0.088 ug/L #	83
23) Bromochloromethane	5.02	128	772	0.071 ug/L	79
34) Trichloroethene	6.58	95	5770	0.223 ug/L	98

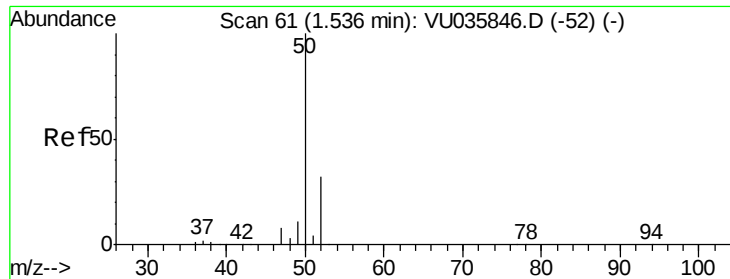
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.120 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035856.D

Acq: 26 Nov 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

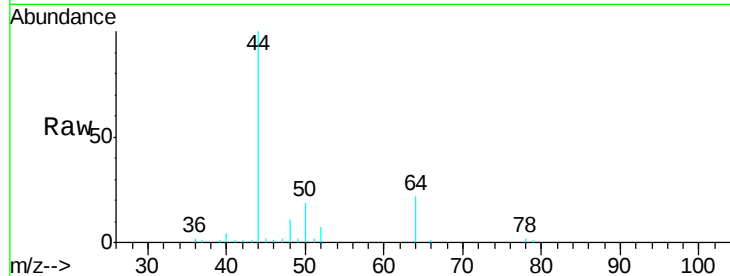
GARF6

Tgt Ion: 50 Resp: 4383

Ion Ratio Lower Upper

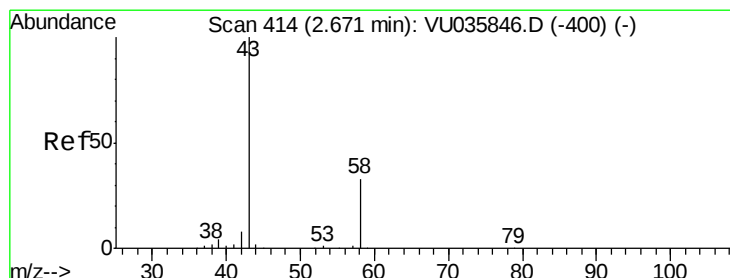
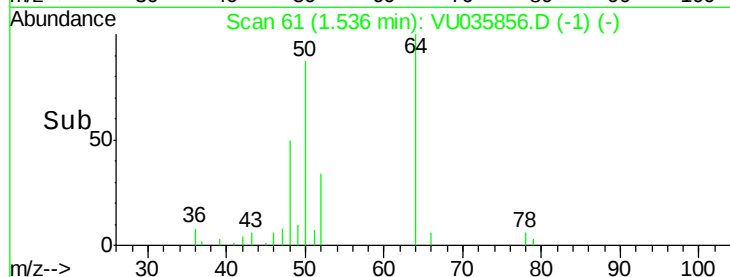
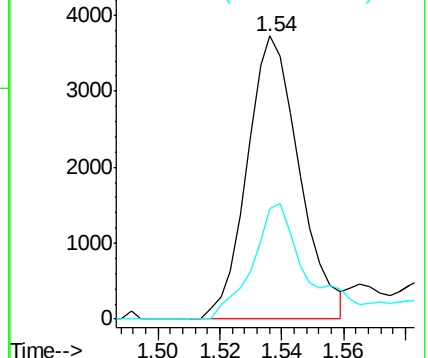
50 100

52 39.1 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035846.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035846.D (-52) (-)



#13

Acetone

Concen: 3.263 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035856.D

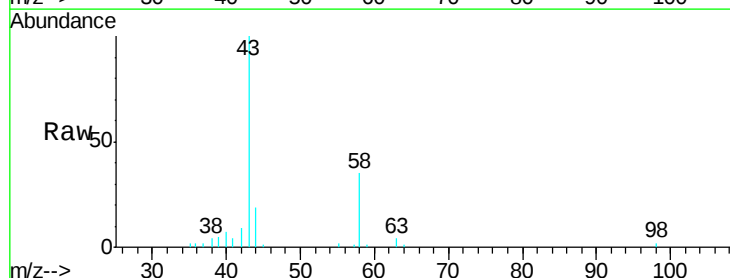
Acq: 26 Nov 2019 14:27

Tgt Ion: 43 Resp: 18932

Ion Ratio Lower Upper

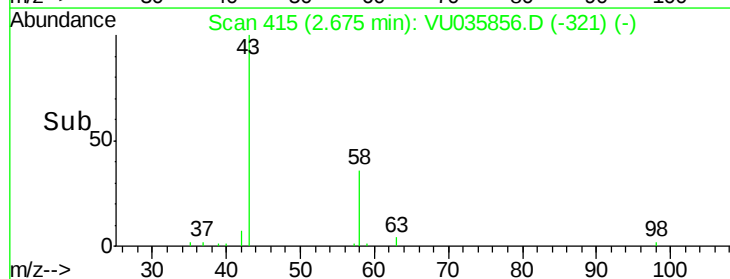
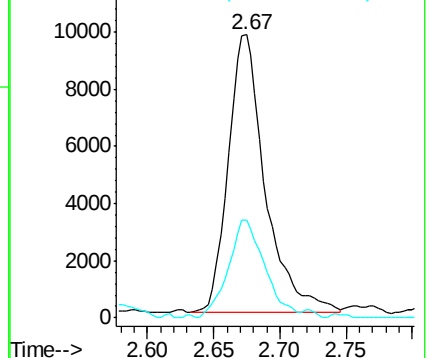
43 100

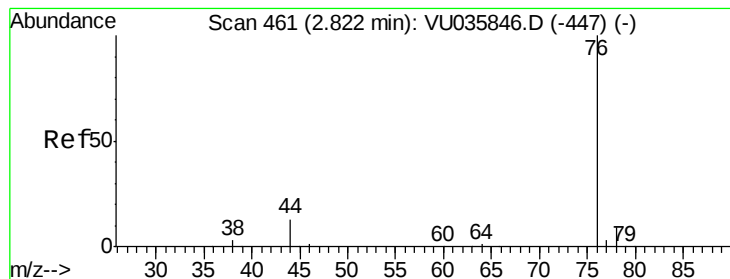
58 34.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035846.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035846.D (-400) (-)





#14

Carbon disulfide

Concen: 0.088 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU035856.D

Acq: 26 Nov 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

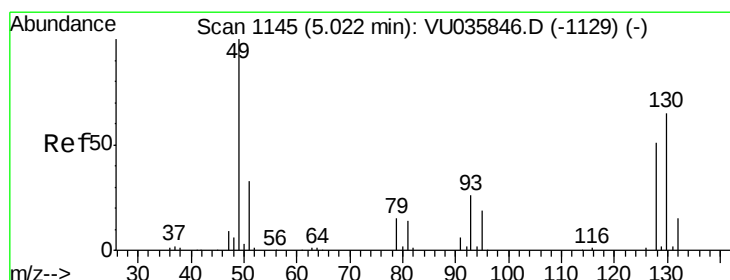
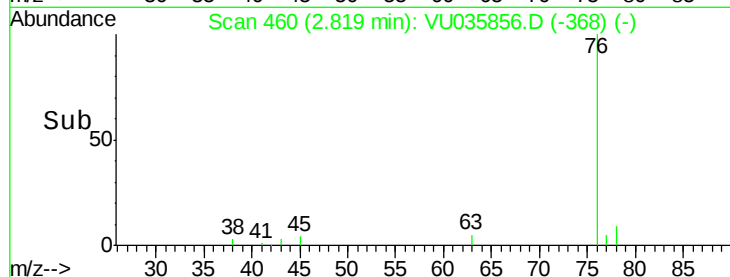
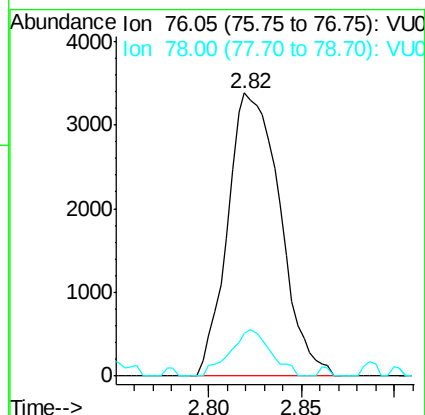
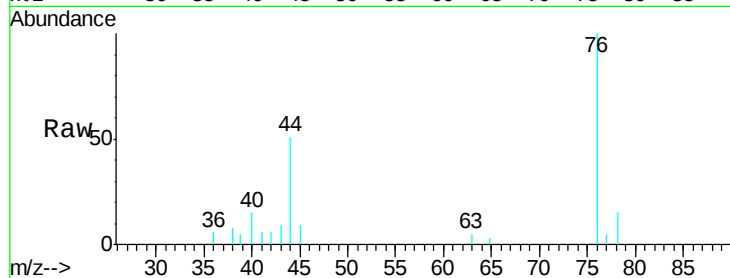
GARF6

Tgt Ion: 76 Resp: 6623

Ion Ratio Lower Upper

76 100

78 15.2 7.3 10.9#



#23

Bromochloromethane

Concen: 0.071 ug/L

RT: 5.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VU035856.D

Acq: 26 Nov 2019 14:27

Tgt Ion: 128 Resp: 772

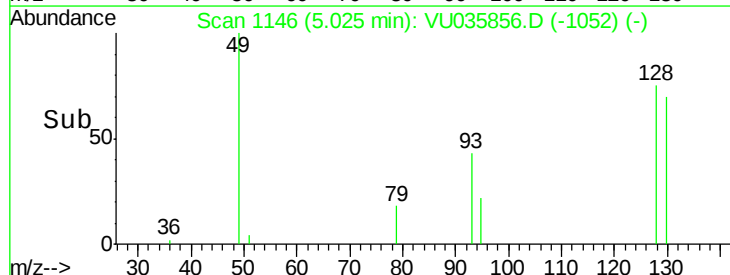
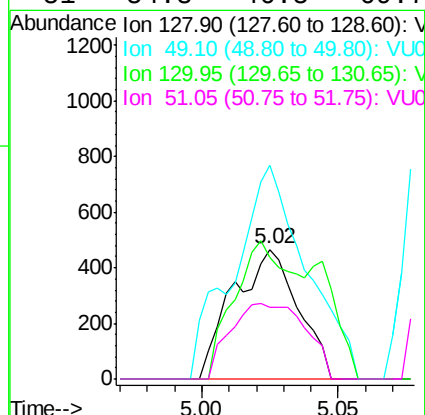
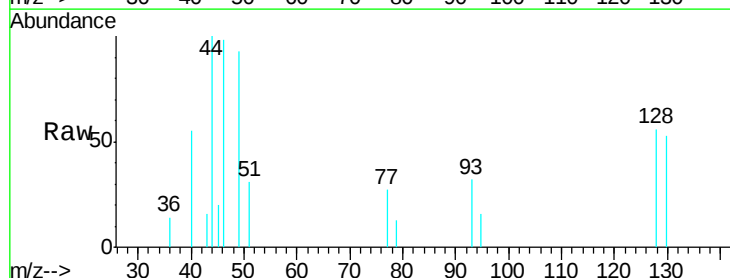
Ion Ratio Lower Upper

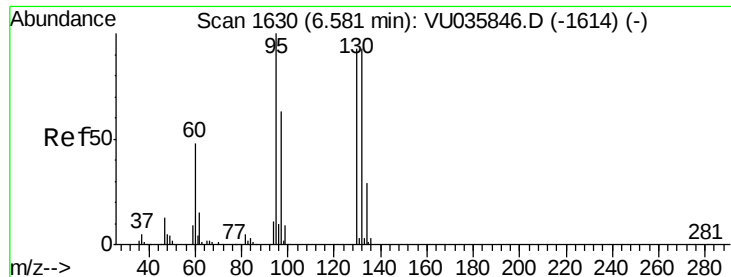
128 100

49 164.5 133.8 248.6

130 93.6 91.1 169.1

51 54.8 46.5 69.7





#34

Trichloroethene

Concen: 0.223 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU035856.D

Acq: 26 Nov 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

GARF6

Tgt Ion: 95 Resp: 5770

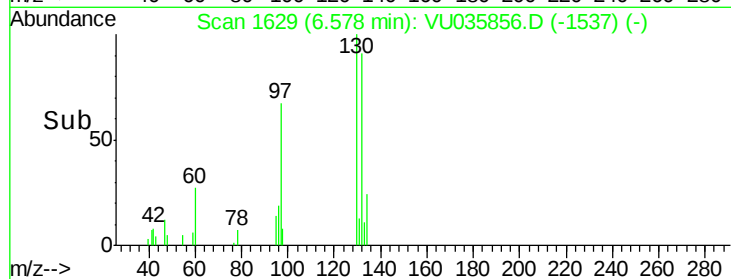
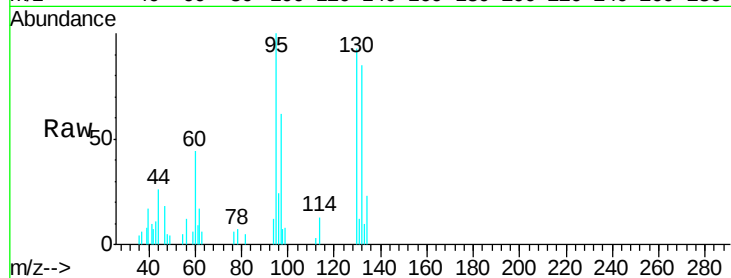
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.9

132 85.2 61.9 114.9

130 93.3 66.3 123.1



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

