

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035476.D
 Acq On : 24 Oct 2019 22:15
 Operator : JC/SP
 Sample : K5509-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G48DL

Quant Time: Oct 25 08:58:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 07:04:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	207720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	210235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	58444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	43096	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	48536	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.60	63	61980	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.70	46	222784	61.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.42%
24) Chloroform-d	5.11	84	109376	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	65034	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	184457	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
36) 1,2-Dichloropropane-d6	6.74	67	73010	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	141226	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.40%#
43) trans-1,3-Dichloropropene-	8.21	79	23632	3.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.80%
46) 2-Hexanone-d5	8.68	63	134133	41.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	71272	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	44596	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

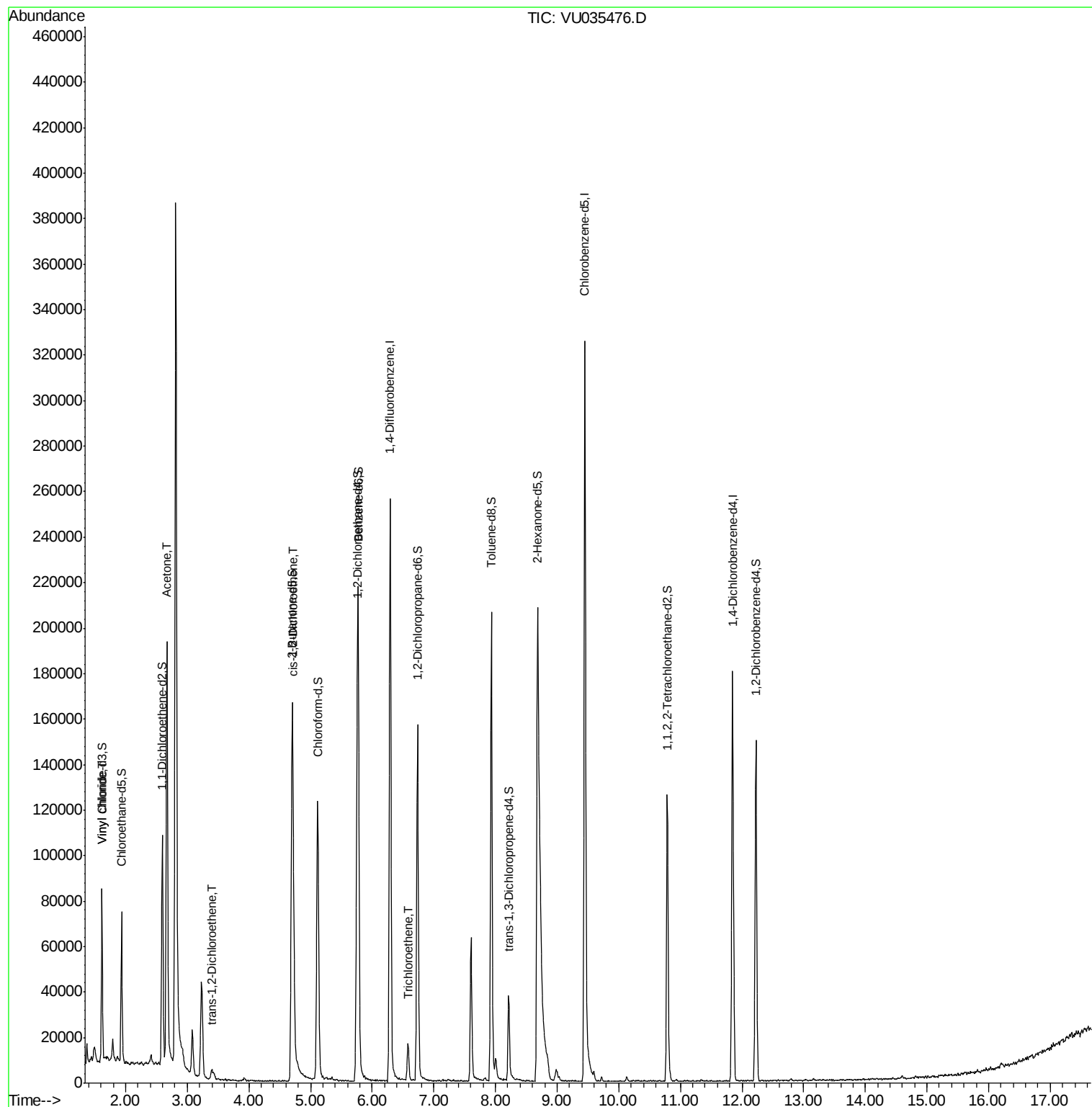
					Ovalue
5) Vinyl chloride	1.62	62	8795	0.488 ug/L #	58
13) Acetone	2.67	43	215474	85.106 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	1674	0.116 ug/L #	89
22) cis-1,2-Dichloroethene	4.72	96	15287	0.960 ug/L	90
34) Trichloroethene	6.58	95	5166	0.311 ug/L	94

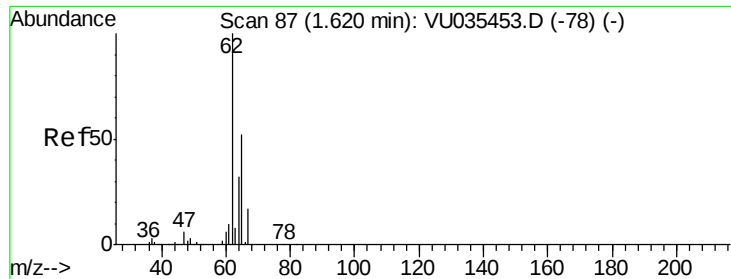
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.488 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

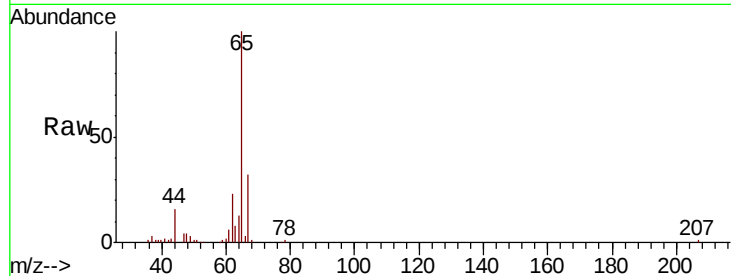
H0G48DL

Tot Ion: 62 Resp: 8795

Ion Ratio Lower Upper

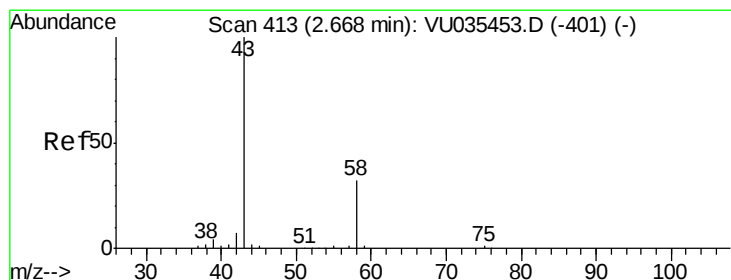
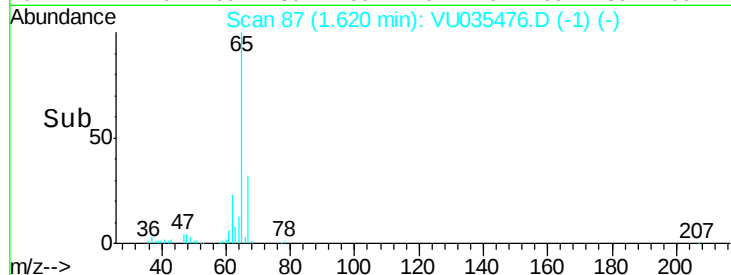
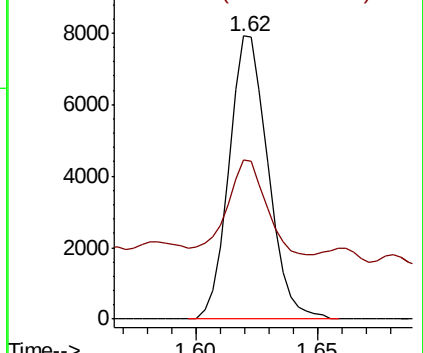
62 100

64 56.4 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 85.106 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035476.D

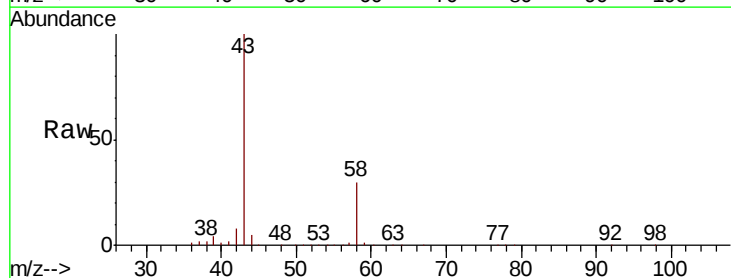
Acq: 24 Oct 2019 22:15

Tgt Ion: 43 Resp: 215474

Ion Ratio Lower Upper

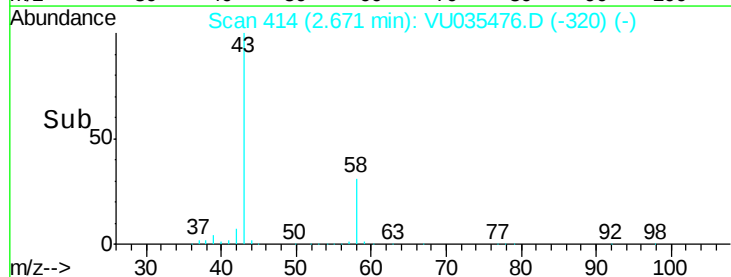
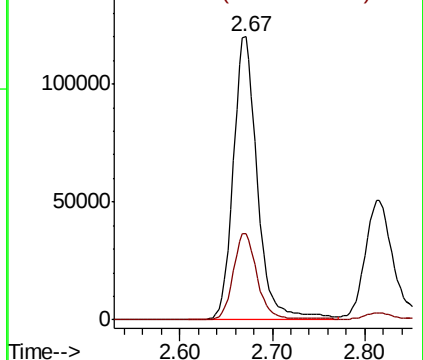
43 100

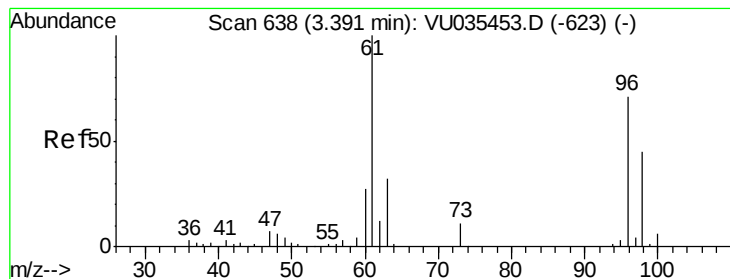
58 30.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

H0G48DL

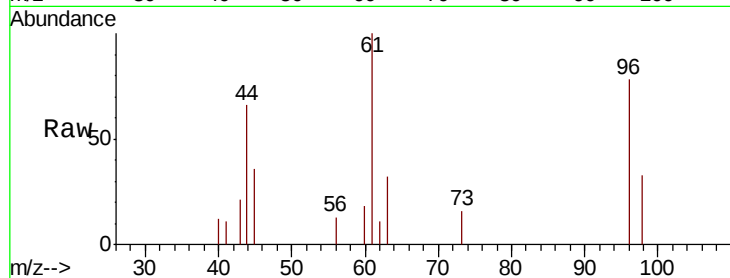
Tot Ion: 96 Resp: 1674

Ion Ratio Lower Upper

96 100

61 128.2 93.0 172.6

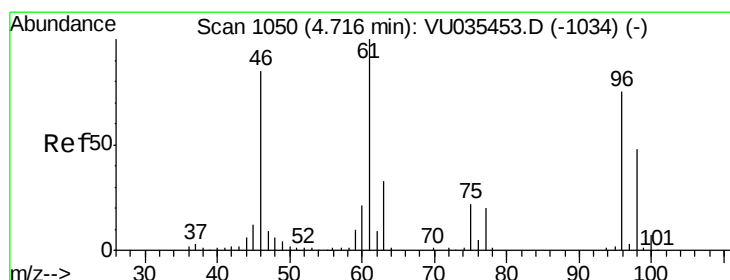
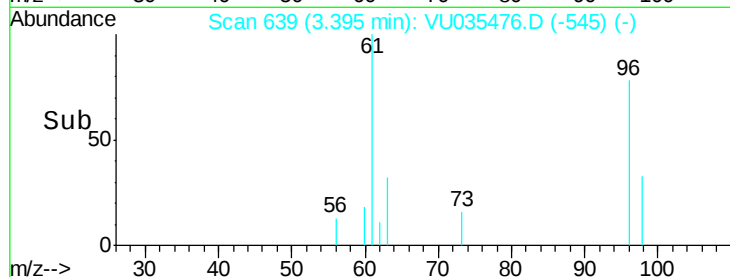
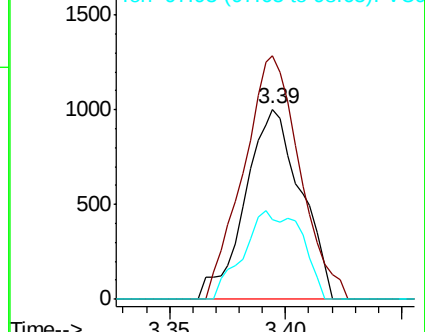
98 42.1 43.7 81.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035476.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035476.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035476.D (-545) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.960 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

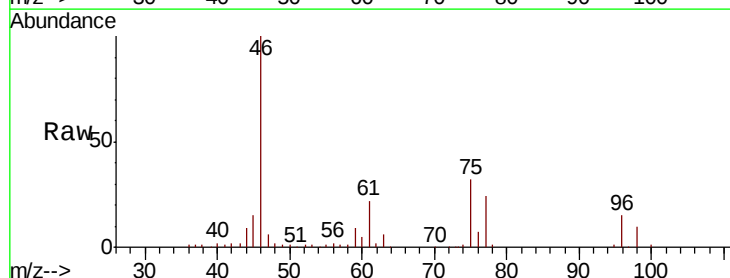
Tgt Ion: 96 Resp: 15287

Ion Ratio Lower Upper

96 100

61 139.5 89.7 166.5

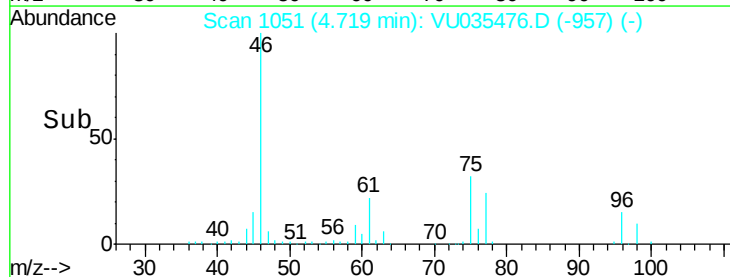
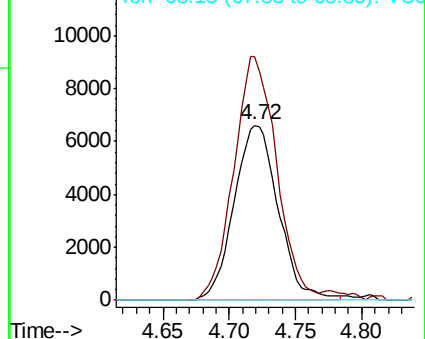
68 0.0 0.0 0.0

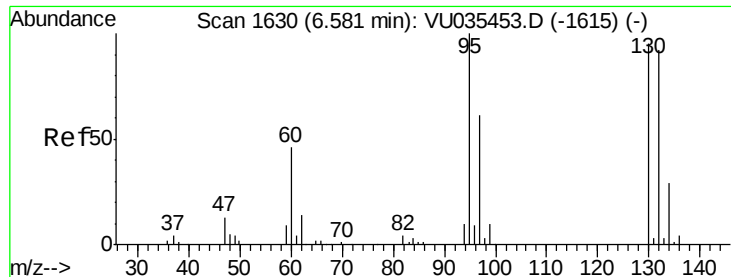


Abundance Ion 96.00 (95.70 to 96.70): VU035476.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035476.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035476.D (-957) (-)





#34

Trichloroethene

Concen: 0.311 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

H0G48DL

Tot Ion: 95 Resp: 5166

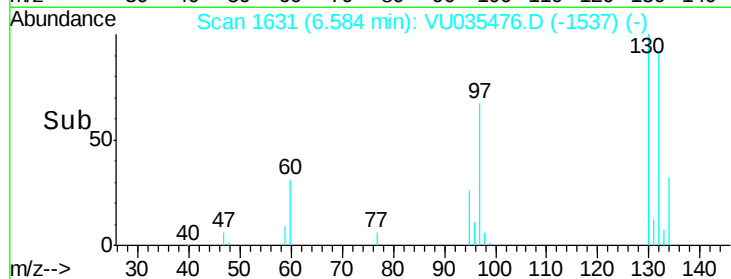
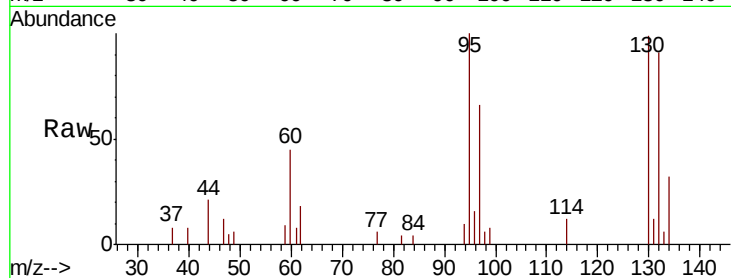
Ion Ratio Lower Upper

95 100

97 65.8 46.6 86.6

132 90.7 68.7 127.7

130 98.6 73.9 137.3



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

