

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040645.D
 Acq On : 10 Oct 2020 19:24
 Operator : SY/MD
 Sample : L4352-22DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ15DL

Quant Time: Oct 12 08:08:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122470	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40771	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.92	69	35303	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	61363	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.65	46	175275	53.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	5.08	84	83911	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	52524	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	156275	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	54637	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	126354	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.19	79	21432	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	123518	51.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48908	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	53558	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

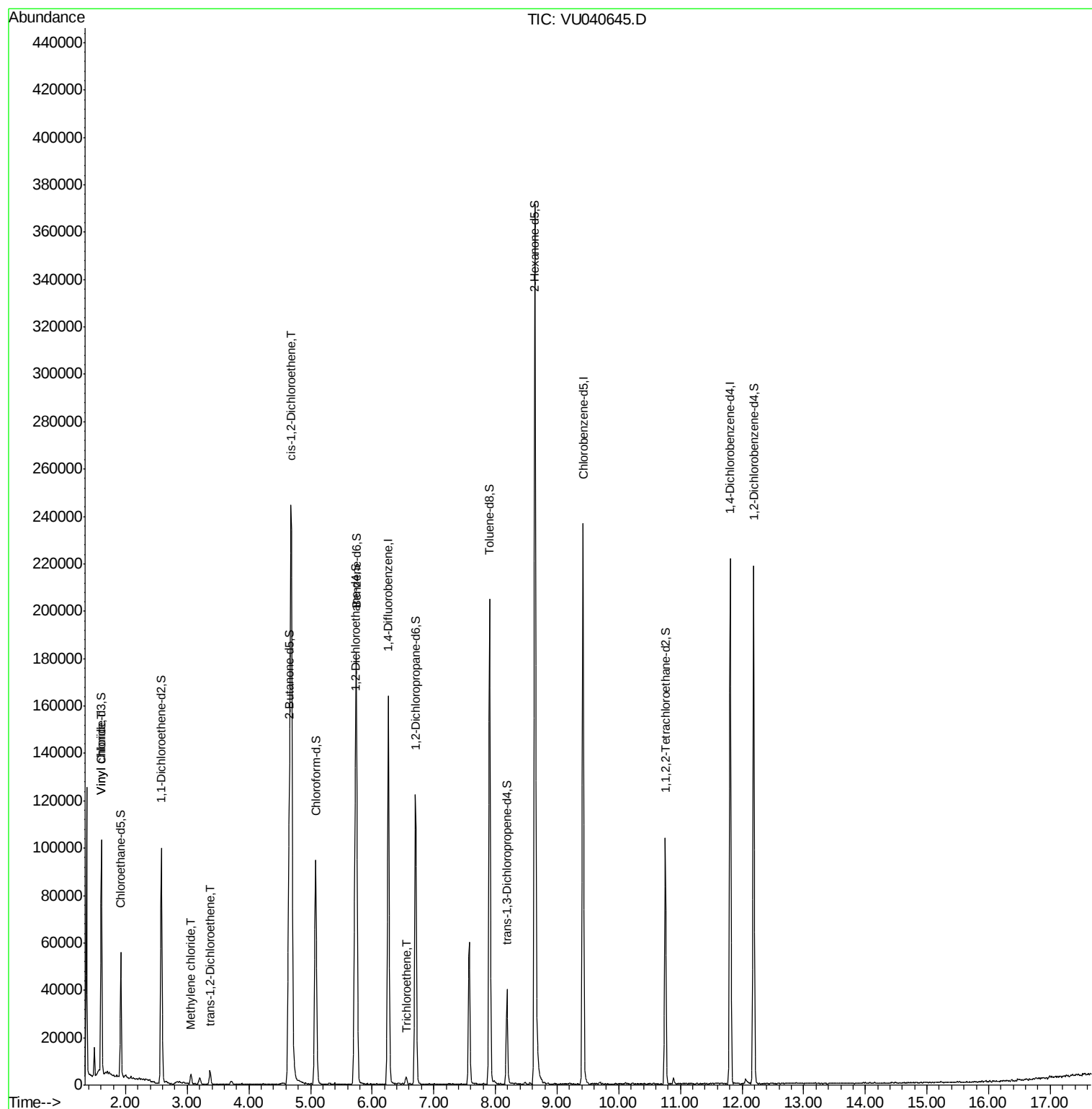
					Ovalue
5) Vinyl chloride	1.61	62	25418	2.326 ug/L	89
16) Methylene chloride	3.06	84	1700	0.152 ug/L	80
18) trans-1,2-Dichloroethene	3.37	96	2245	0.245 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	105066	10.651 ug/L	96
34) Trichloroethene	6.56	95	1035	0.101 ug/L	92

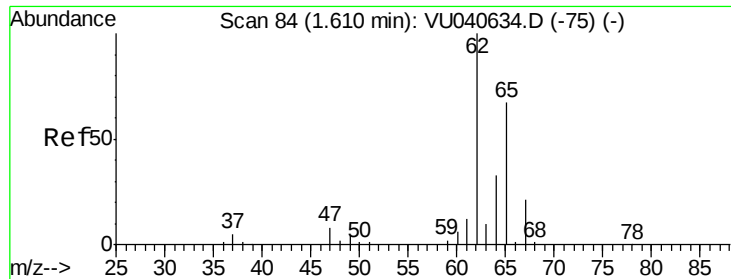
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.326 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040645.D

Acq: 10 Oct 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

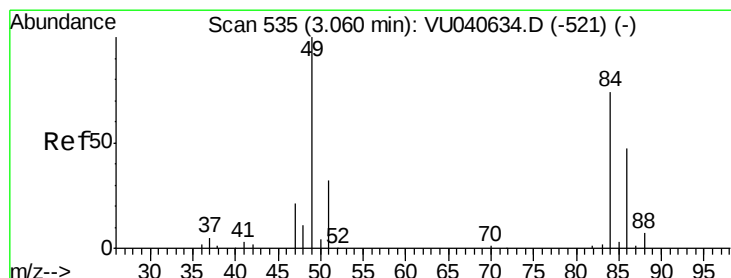
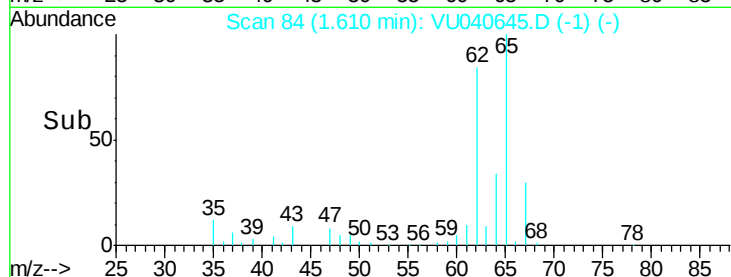
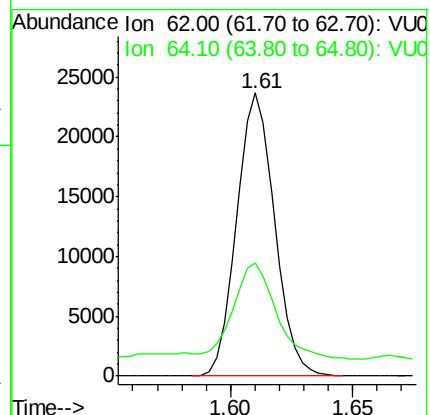
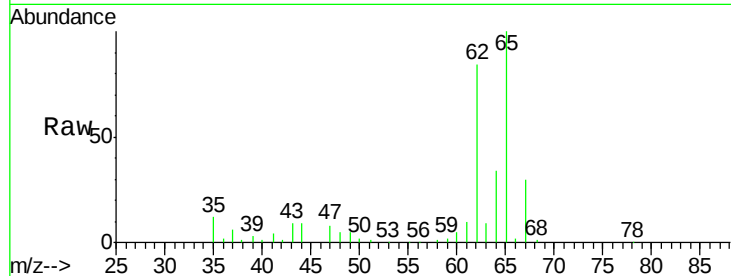
ETZ15DL

Tot Ion: 62 Resp: 25418

Ion Ratio Lower Upper

62 100

64 40.2 23.7 44.1



#16

Methylene chloride

Concen: 0.152 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040645.D

Acq: 10 Oct 2020 19:24

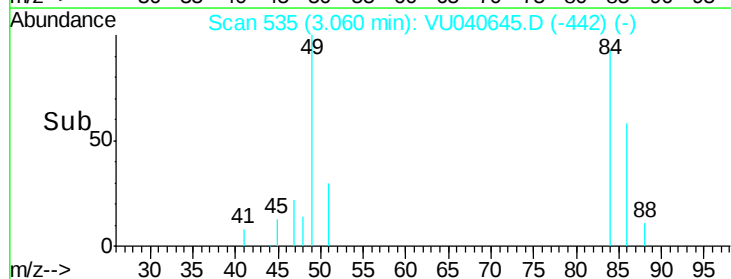
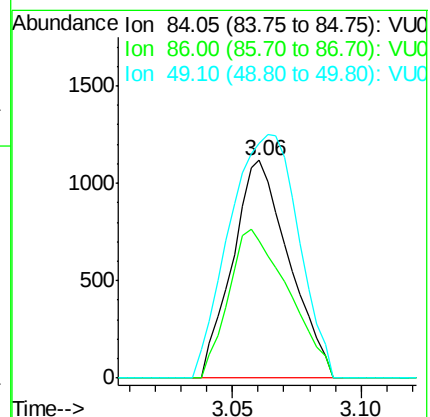
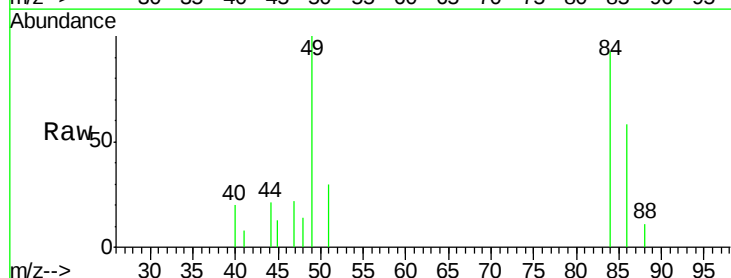
Tgt Ion: 84 Resp: 1700

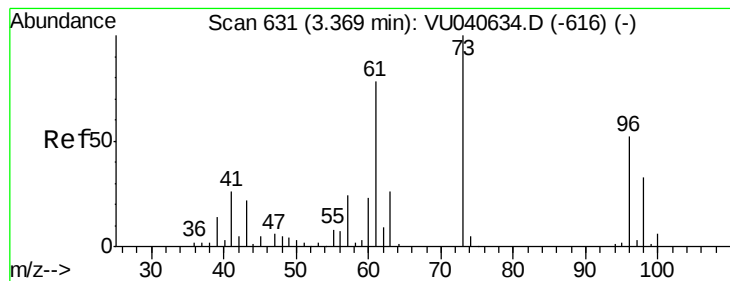
Ion Ratio Lower Upper

84 100

86 63.0 45.4 84.4

49 107.9 99.8 185.3





#18

trans-1,2-Dichloroethene

Concen: 0.245 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

ETZ15DL

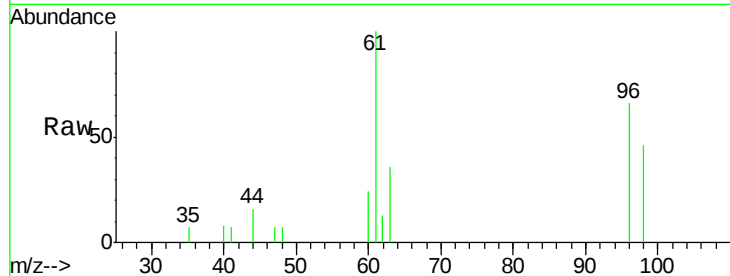
Tot Ion: 96 Resp: 2245

Ion Ratio Lower Upper

96 100

61 150.7 105.9 196.7

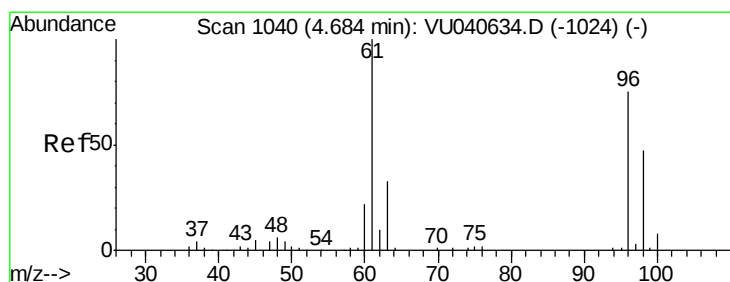
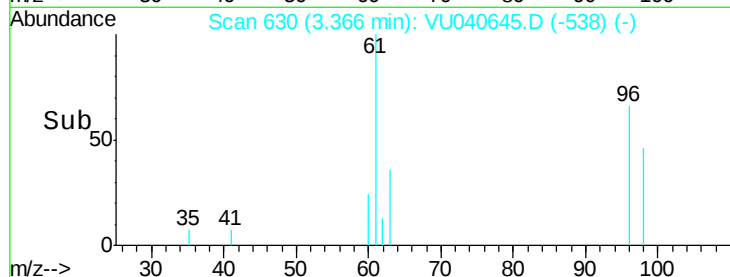
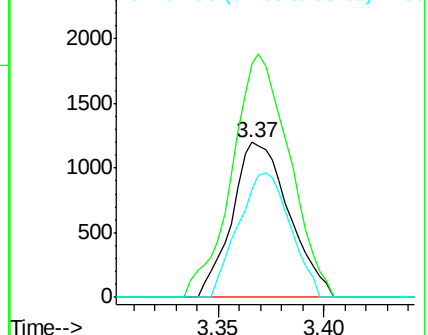
98 69.2 43.8 81.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.651 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040645.D

Acq: 10 Oct 2020 19:24

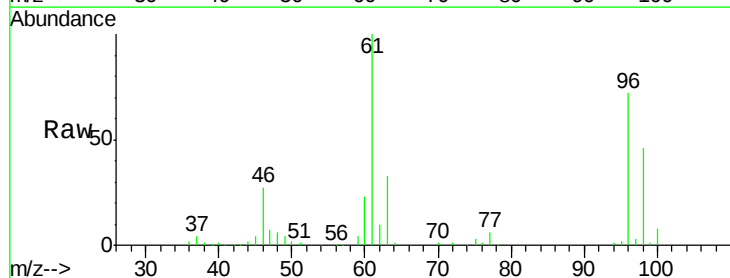
Tgt Ion: 96 Resp: 105066

Ion Ratio Lower Upper

96 100

61 138.0 99.8 185.4

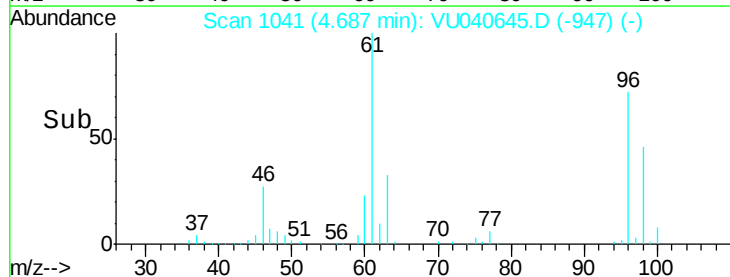
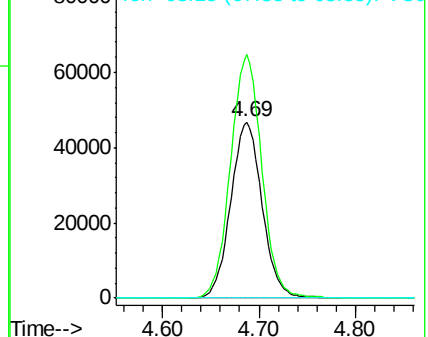
68 0.0 0.0 0.0

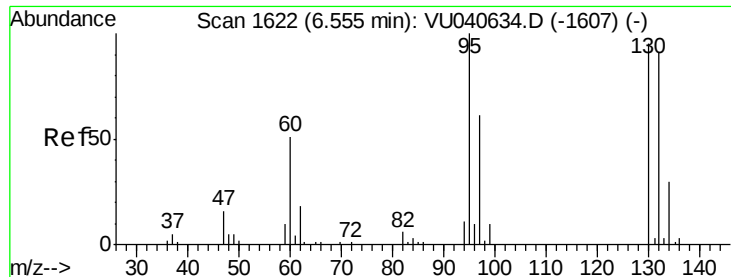


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.101 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040645.D

Acq: 10 Oct 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

ETZ15DL

Tot Ion: 95 Resp: 1035

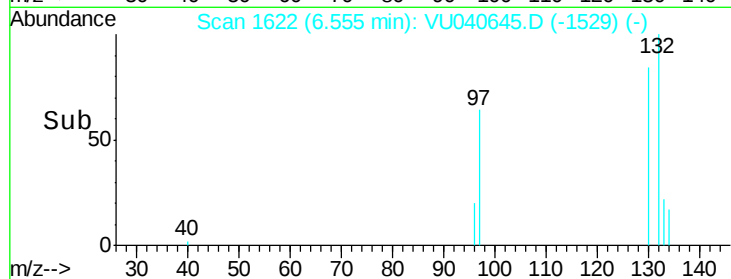
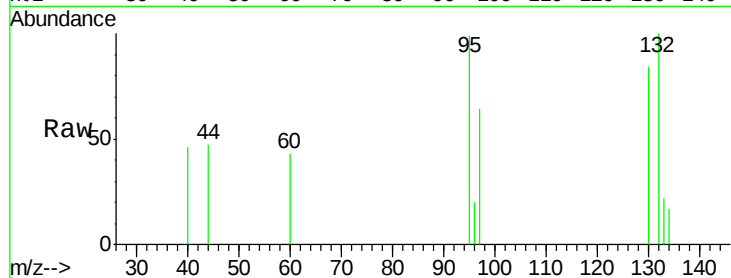
Ion Ratio Lower Upper

95 100

97 64.0 45.5 84.5

132 100.7 67.5 125.4

130 84.8 69.9 129.9



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

