

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040670.D
 Acq On : 12 Oct 2020 19:38
 Operator : SY/MD
 Sample : L4345-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ0

Quant Time: Oct 13 06:32:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120184	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40767	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.92	69	35287	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	65014	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.66	46	173722	54.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.02%
24) Chloroform-d	5.08	84	85638	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	54097	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.75	84	156142	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	54556	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	123470	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	20769	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	119063	50.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46700	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	50150	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

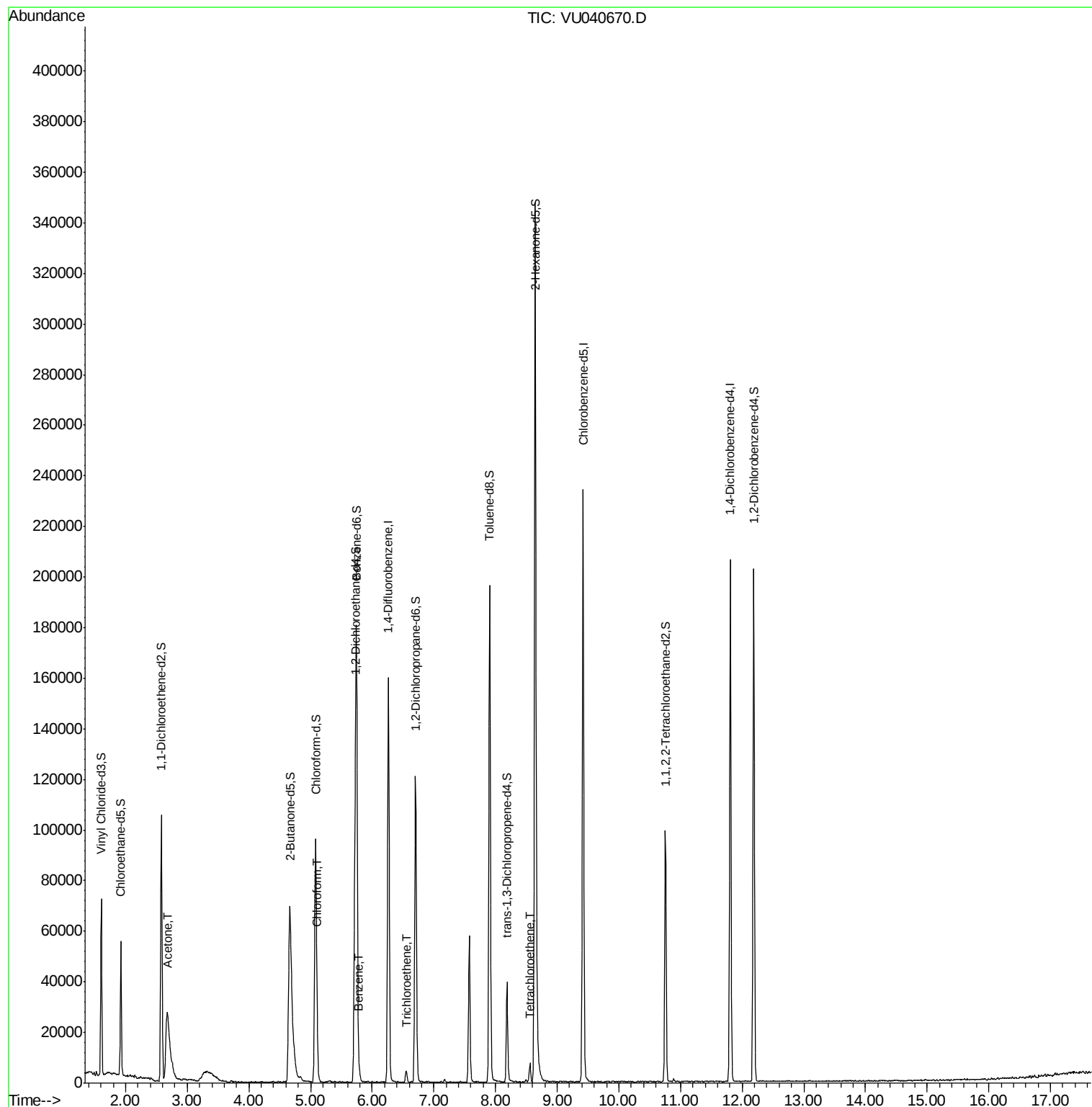
					Ovalue
13) Acetone	2.68	43	87981	35.617 ug/L	98
25) Chloroform	5.11	83	4979	0.263 ug/L	96
33) Benzene	5.79	78	3329	0.086 ug/L	100
34) Trichloroethene	6.56	95	1450	0.144 ug/L	92
47) Tetrachloroethene	8.56	164	1527	0.213 ug/L	87

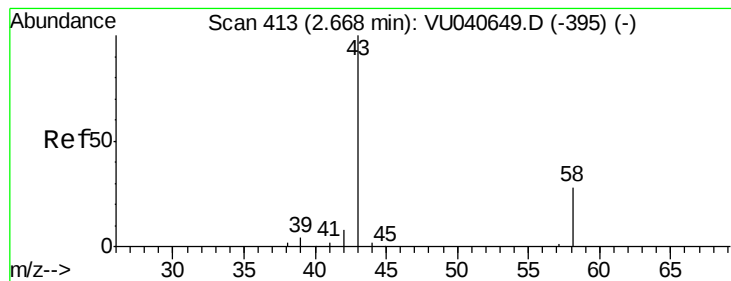
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 35.617 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040670.D

Acq: 12 Oct 2020 19:38

Instrument :

MSVOA_U

ClientSampleId :

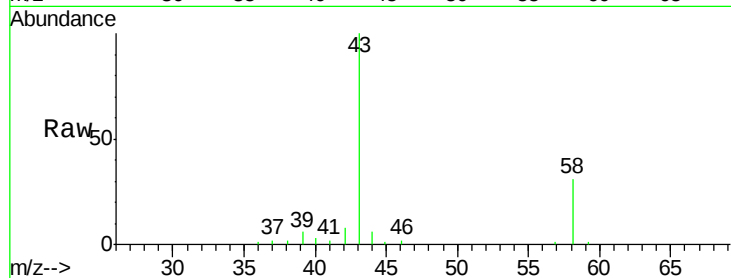
YQZ0

Tot Ion: 43 Resp: 87981

Ion Ratio Lower Upper

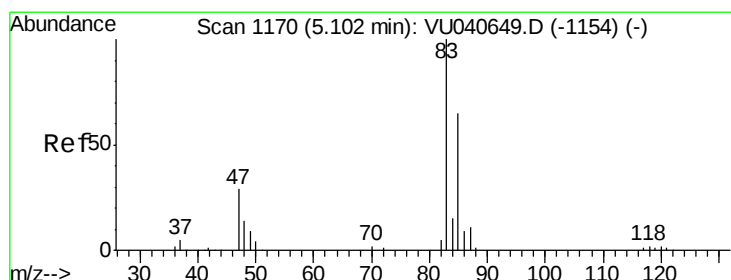
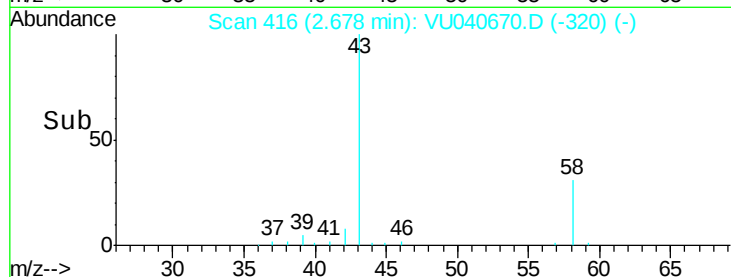
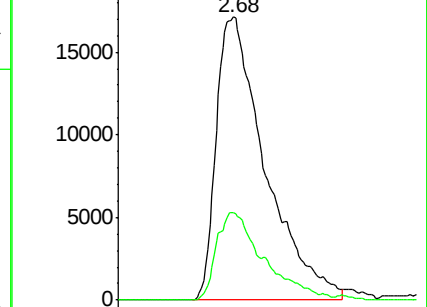
43 100

58 29.4 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040670.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040670.D (-320) (-)



#25

Chloroform

Concen: 0.263 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040670.D

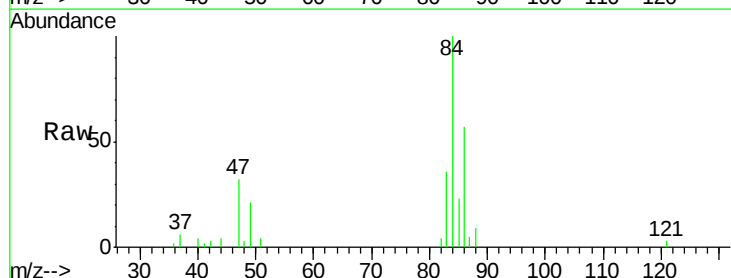
Acq: 12 Oct 2020 19:38

Tgt Ion: 83 Resp: 4979

Ion Ratio Lower Upper

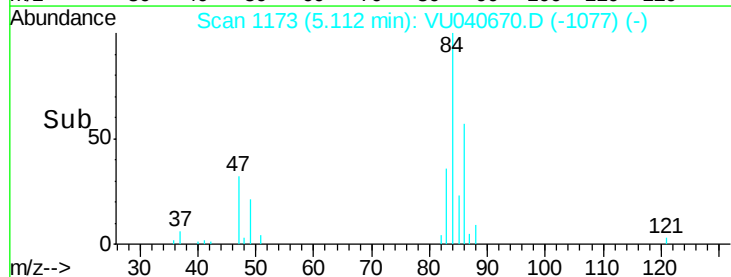
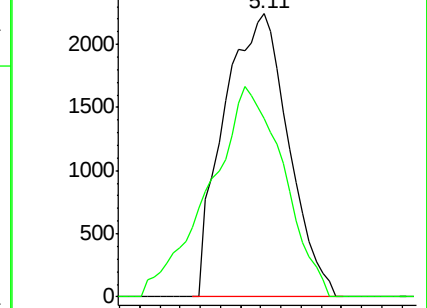
83 100

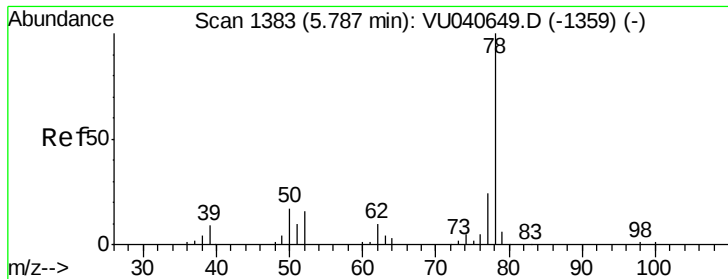
85 63.2 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040670.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040670.D (-1077) (-)

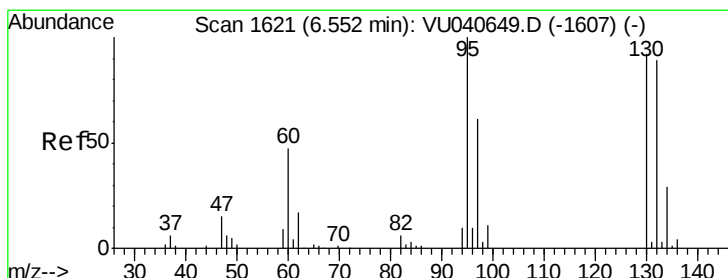
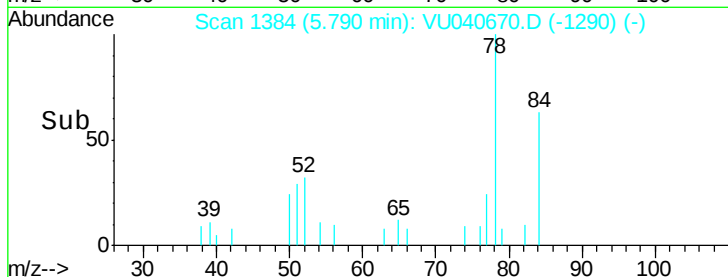
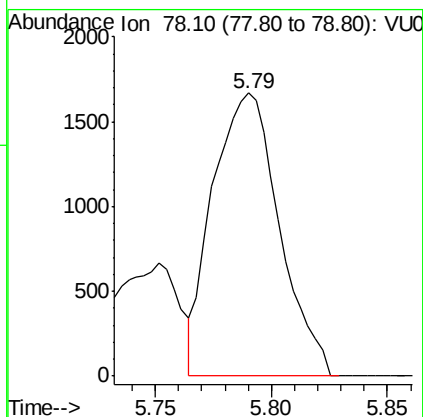
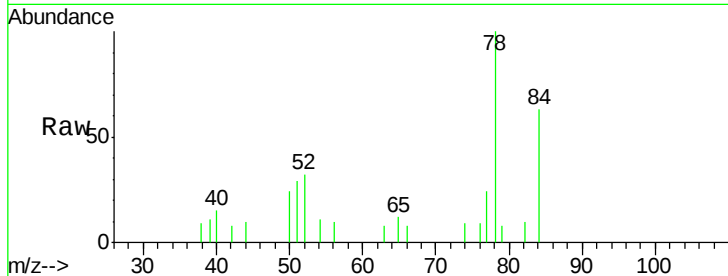




#33
Benzene
Concen: 0.086 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040670.D
Acq: 12 Oct 2020 19:38

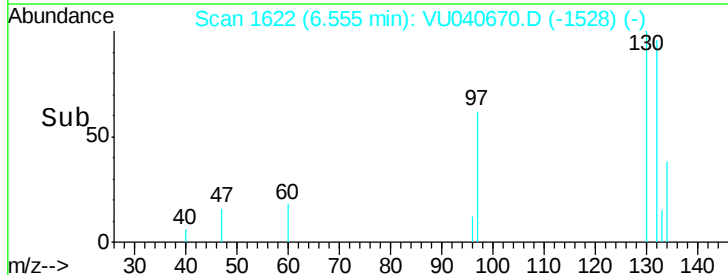
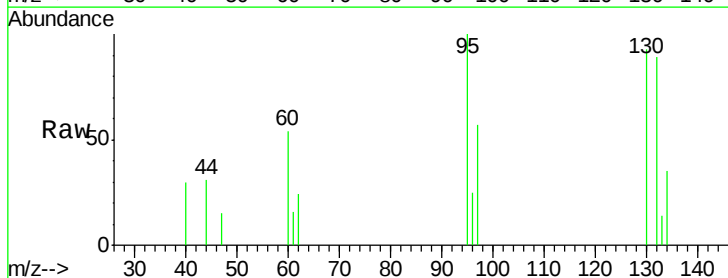
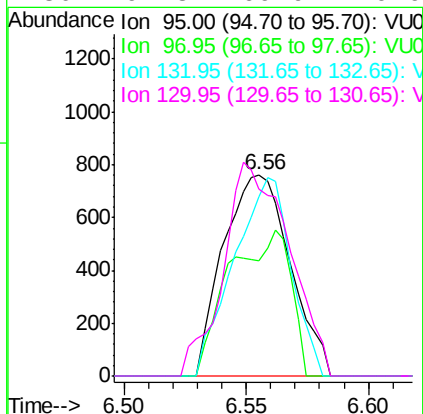
Instrument :
MSVOA_U
ClientSampled :
YQZ0

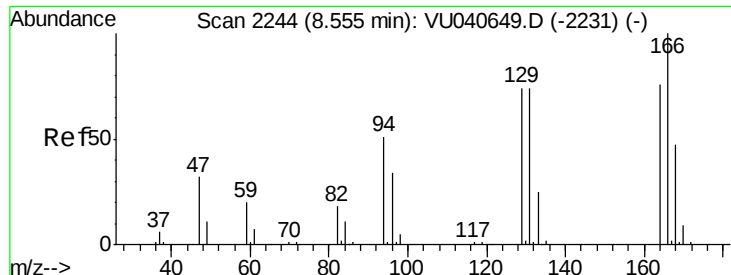
Tgt Ion: 78 Resp: 3329



#34
Trichloroethene
Concen: 0.144 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040670.D
Acq: 12 Oct 2020 19:38

Tgt Ion: 95 Resp: 1450
Ion Ratio Lower Upper
95 100
97 57.4 45.5 84.5
132 89.5 67.5 125.4
130 92.8 69.9 129.9





#47

Tetrachloroethene

Concen: 0.213 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040670.D

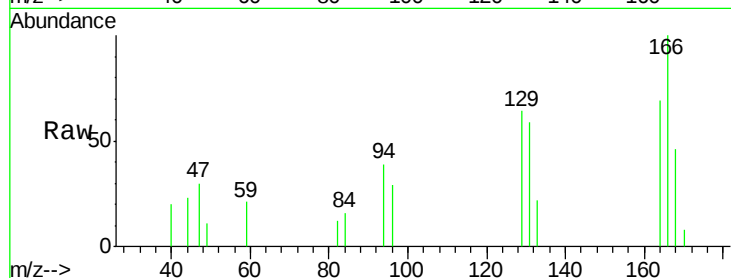
Acq: 12 Oct 2020 19:38

Instrument :

MSVOA_U

ClientSampleId :

YAQZ0



Tot Ion:164 Resp: 1527

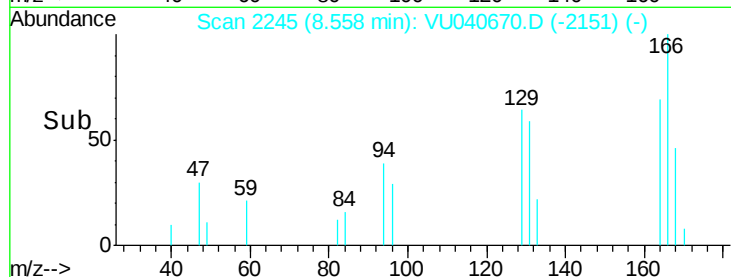
Ion Ratio Lower Upper

164 100

129 93.2 68.8 127.8

131 85.1 66.7 123.9

166 144.5 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

