

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015730.D
 Acq On : 27 Apr 2020 15:36
 Operator : SY/MD
 Sample : L2370-18DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN5DL

Quant Time: Apr 28 05:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26169	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	29390	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	44838	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.91	46	110548	53.39	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.38	84	70596	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	44206	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	139758	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.09	67	46029	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	126523	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.64	79	14190	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.11	63	80517	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33602	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	50552	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

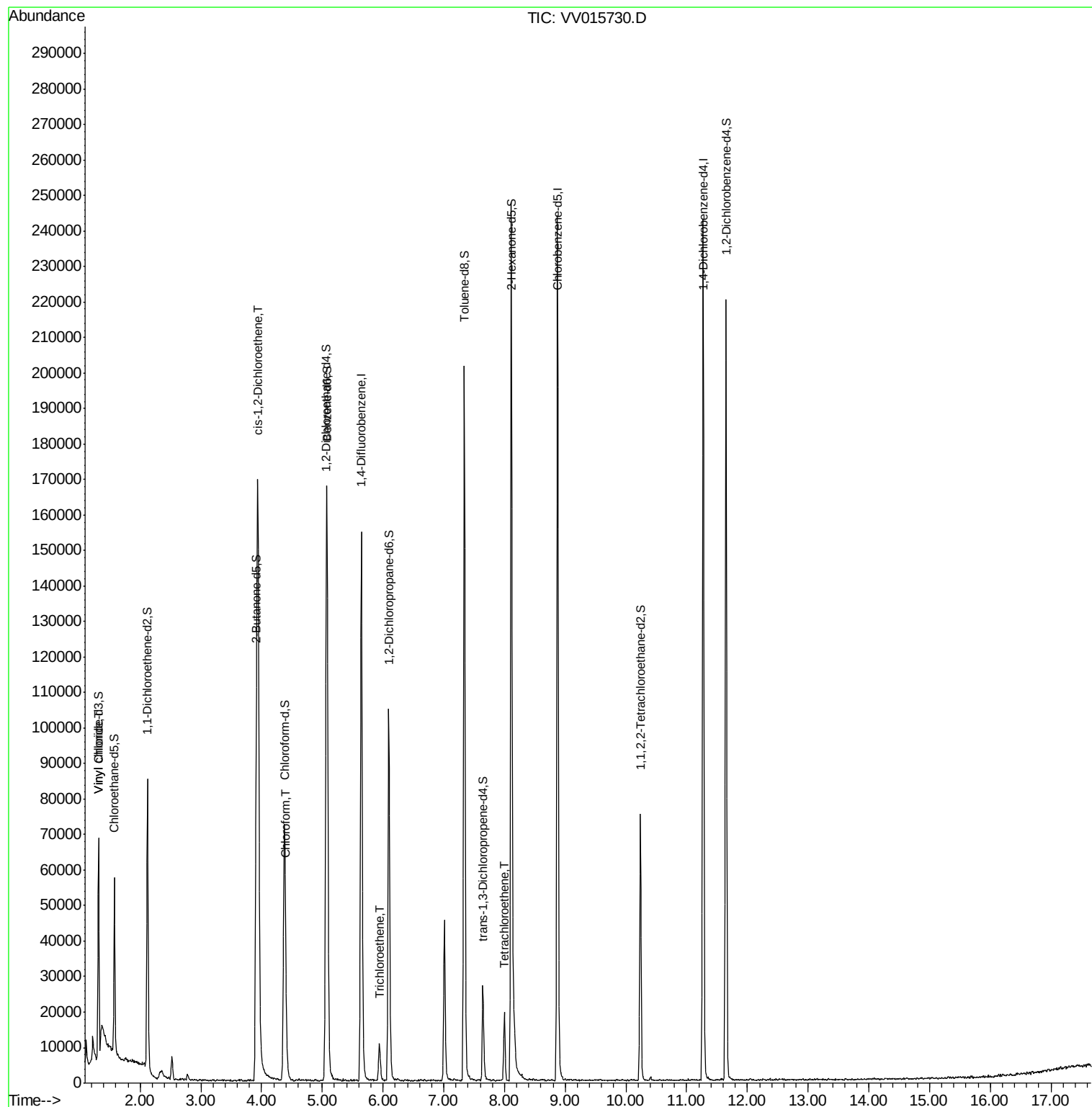
					Ovalue
5) Vinyl chloride	1.32	62	13209	1.353 ug/L	88
22) cis-1,2-Dichloroethene	3.94	96	76056	8.554 ug/L	96
25) Chloroform	4.40	83	7485	0.447 ug/L	96
34) Trichloroethene	5.94	95	3316	0.350 ug/L	94
47) Tetrachloroethene	8.00	164	4020	0.590 ug/L	97

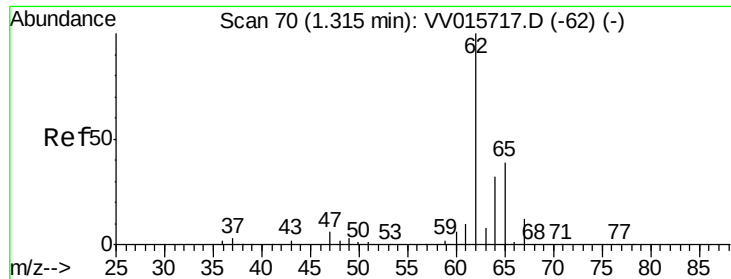
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.353 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015730.D

Acq: 27 Apr 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

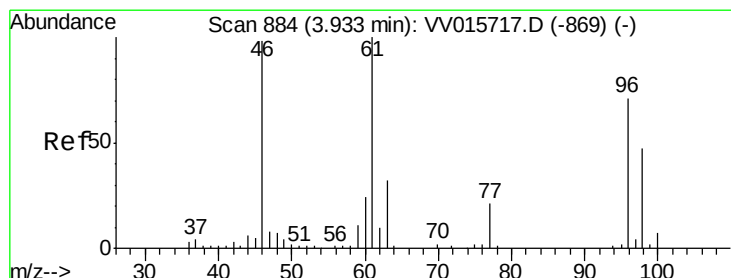
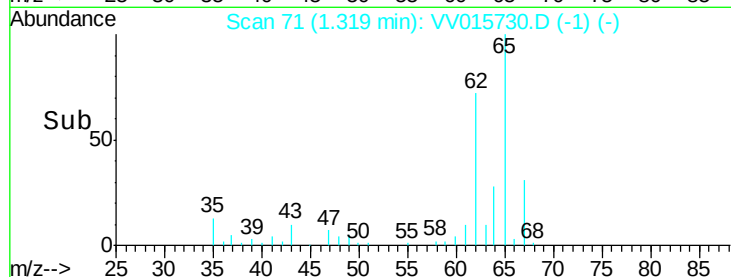
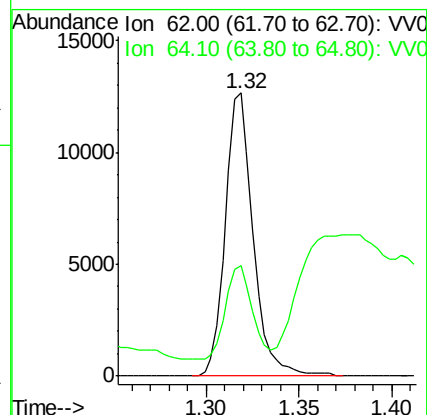
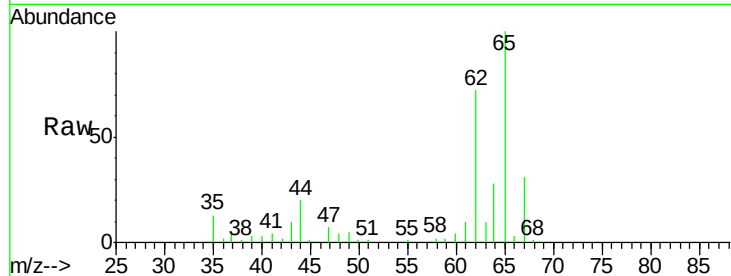
ETKN5DL

Tot Ion: 62 Resp: 13209

Ion Ratio Lower Upper

62 100

64 39.0 22.7 42.1



#22

cis-1,2-Dichloroethene

Concen: 8.554 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015730.D

Acq: 27 Apr 2020 15:36

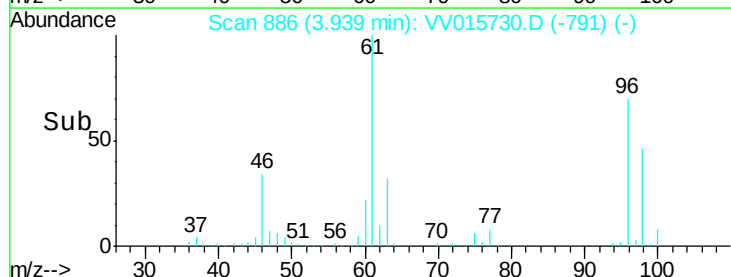
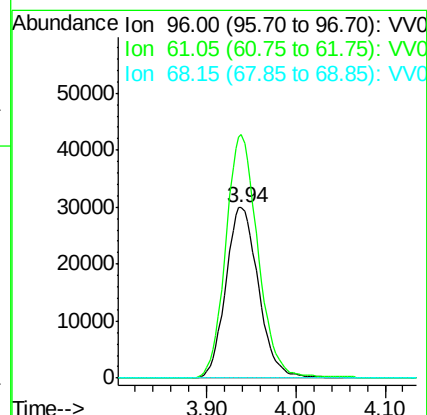
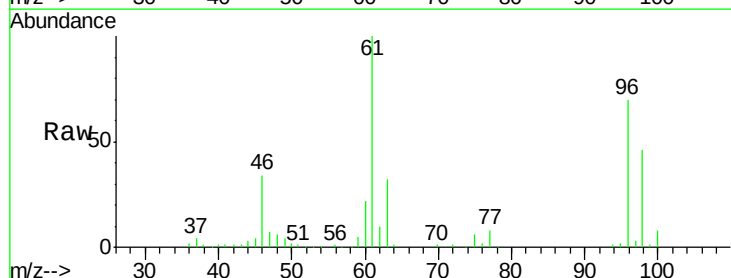
Tgt Ion: 96 Resp: 76056

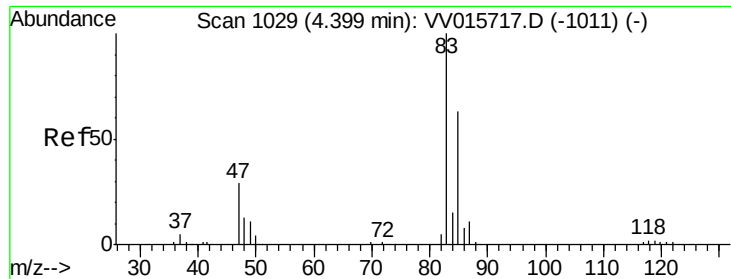
Ion Ratio Lower Upper

96 100

61 142.9 96.4 179.0

68 0.0 0.0 0.0

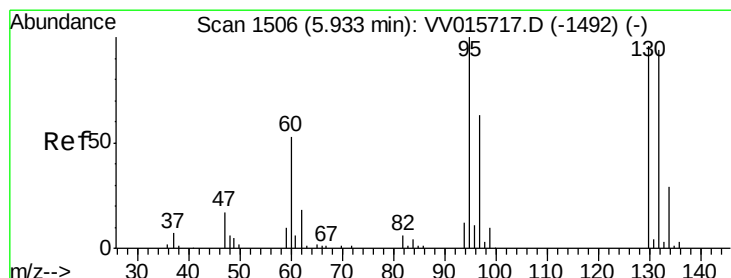
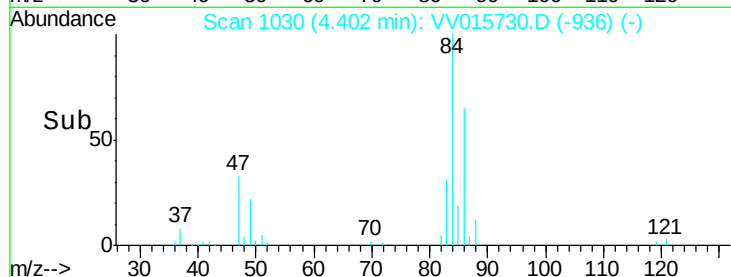
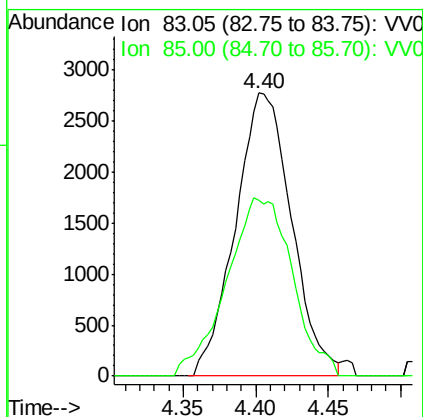
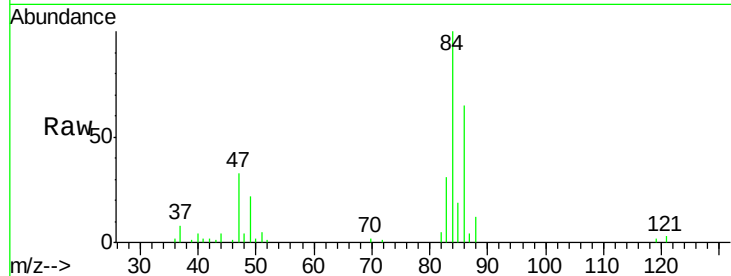




#25
Chloroform
Concen: 0.447 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015730.D
Acq: 27 Apr 2020 15:36

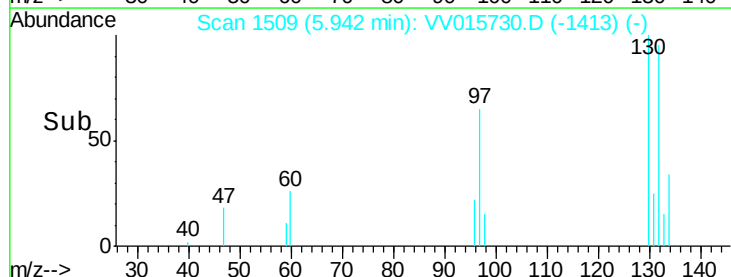
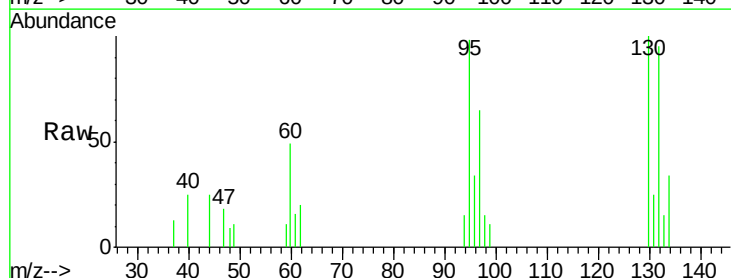
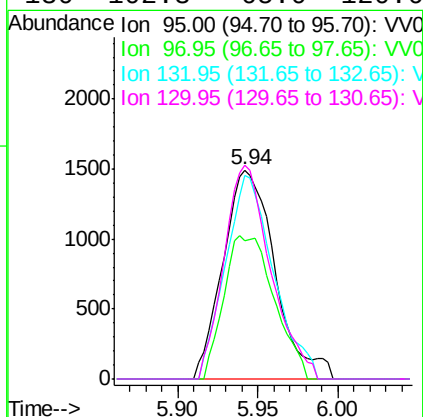
Instrument :
MSVOA_V
ClientSampled :
ETKN5DL

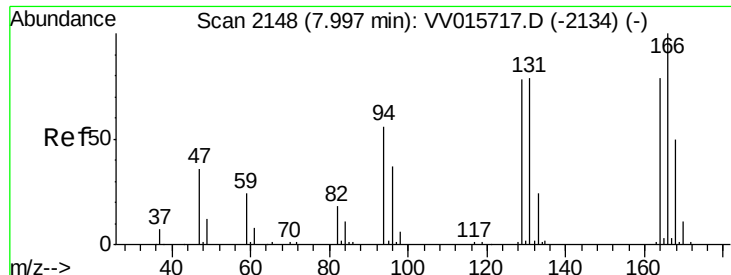
Tot Ion: 83 Resp: 7485
Ion Ratio Lower Upper
83 100
85 62.3 46.1 85.5



#34
Trichloroethene
Concen: 0.350 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015730.D
Acq: 27 Apr 2020 15:36

Tgt Ion: 95 Resp: 3316
Ion Ratio Lower Upper
95 100
97 66.3 44.7 82.9
132 97.3 65.2 121.0
130 102.3 65.0 120.6





#47

Tetrachloroethene

Concen: 0.590 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015730.D

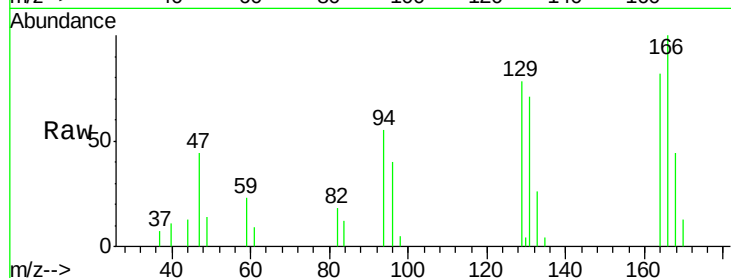
Acq: 27 Apr 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

ETKN5DL



Tot Ion:164 Resp: 4020

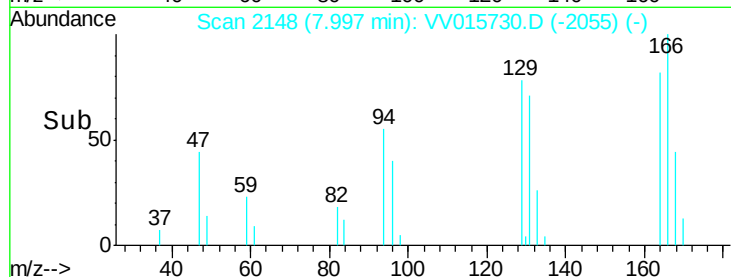
Ion Ratio Lower Upper

164 100

129 95.9 66.7 123.9

131 86.3 66.6 123.6

166 122.4 85.3 158.5



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

