

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012408.D
 Acq On : 26 Aug 2019 18:11
 Operator : SY/MD
 Sample : K4501-08
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM3

Quant Time: Aug 27 04:11:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	224517	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49930	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	33084	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	65723	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	144439	47.76	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.52%
24) Chloroform-d	4.40	84	118711	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	59547	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	237173	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	75833	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	196931	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	24195	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	90012	47.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45078	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	69055	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

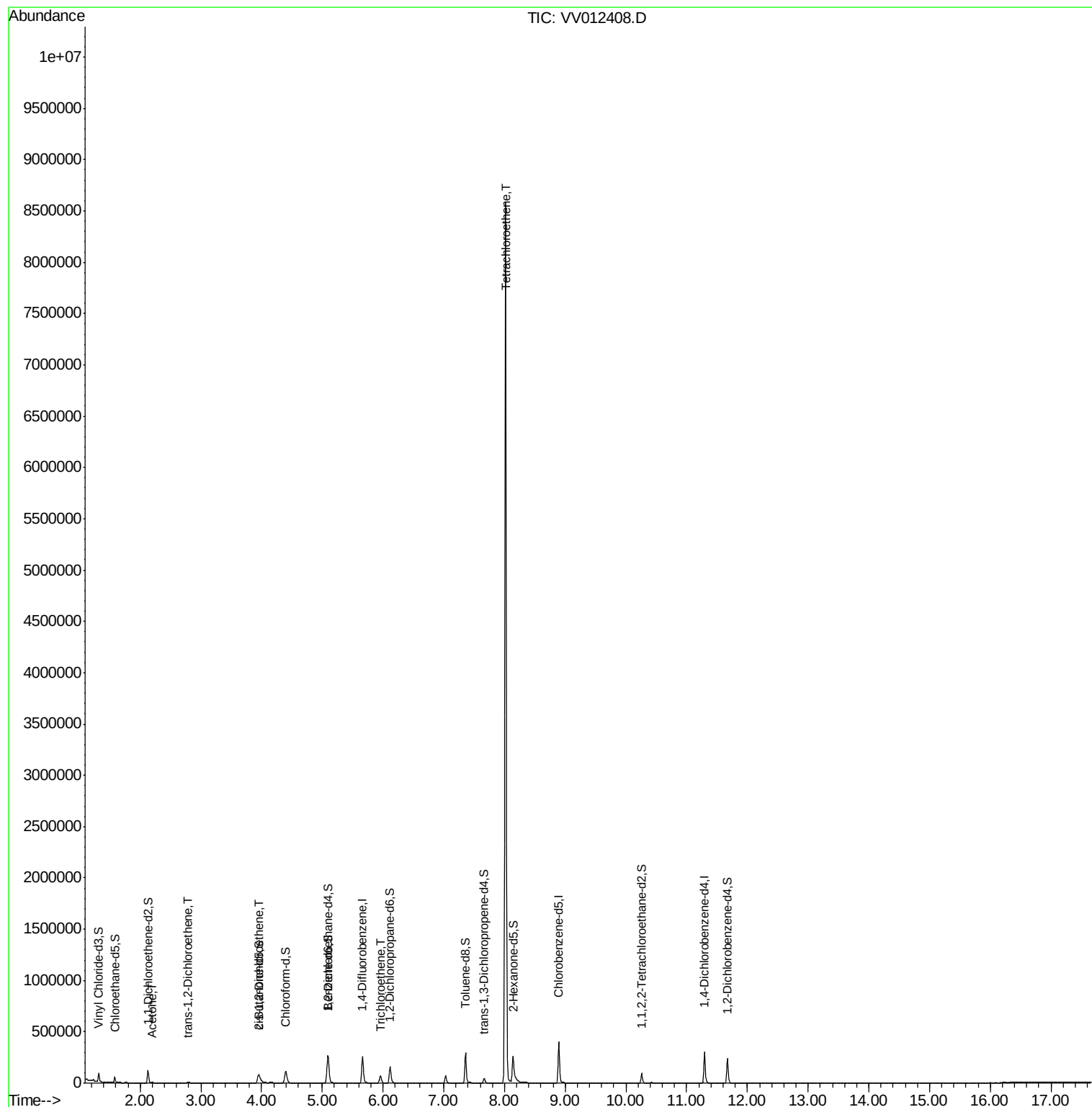
					Ovalue
13) Acetone	2.20	43	3823	2.922 ug/L	92
18) trans-1,2-Dichloroethene	2.79	96	2192	0.164 ug/L #	80
22) cis-1,2-Dichloroethene	3.96	96	5945	0.407 ug/L	98
34) Trichloroethene	5.96	95	22496	1.486 ug/L	97
47) Tetrachloroethene	8.02	164	1930590	158.034 ug/L	96

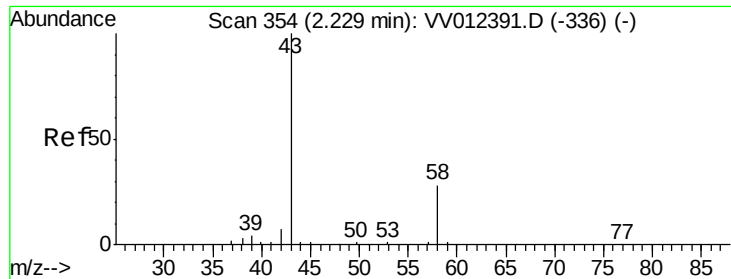
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.922 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV012408.D

Acq: 26 Aug 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

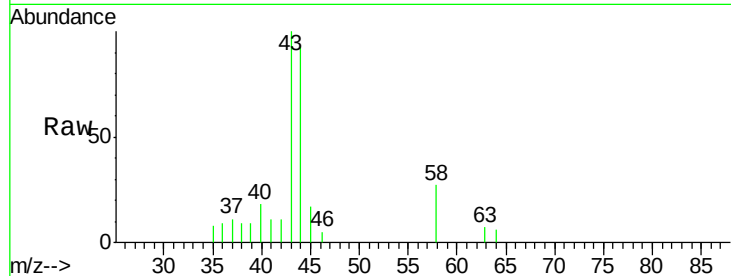
GANM3

Tot Ion: 43 Resp: 3823

Ion Ratio Lower Upper

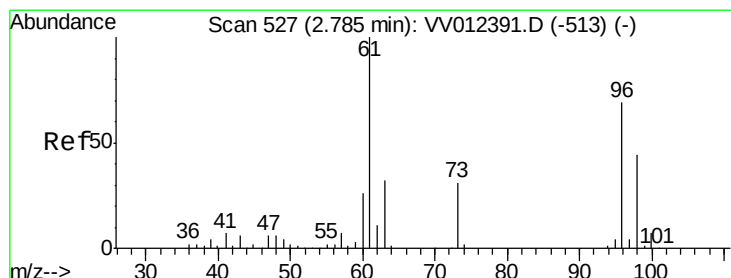
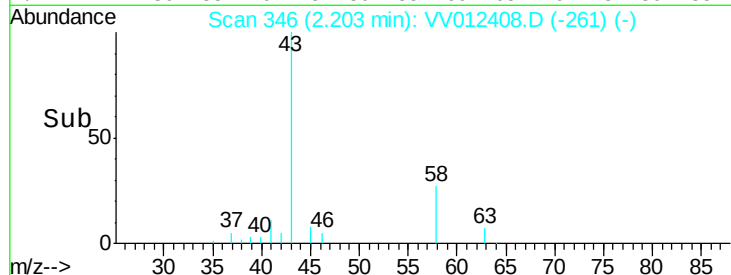
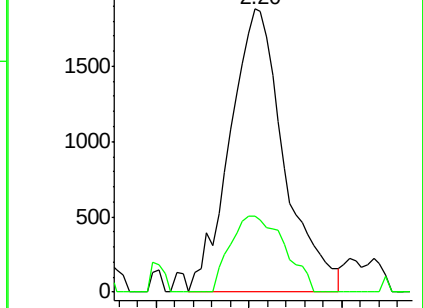
43 100

58 27.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.164 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV012408.D

Acq: 26 Aug 2019 18:11

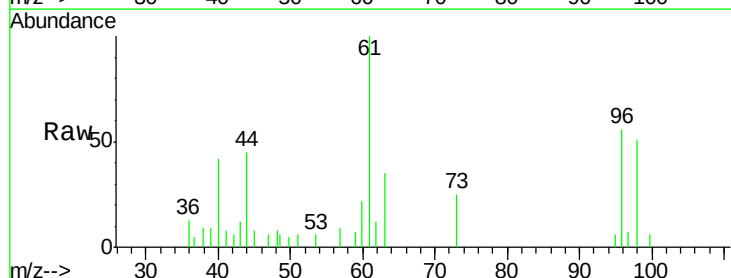
Tgt Ion: 96 Resp: 2192

Ion Ratio Lower Upper

96 100

61 157.7 96.0 178.4

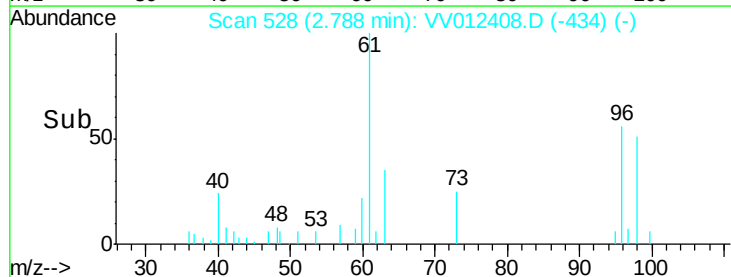
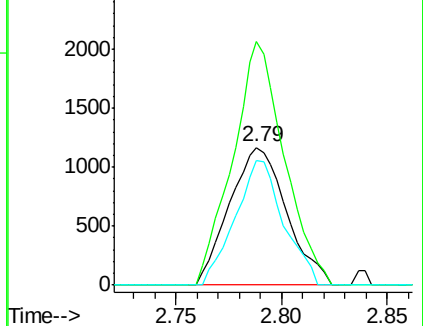
98 80.7 42.1 78.3#

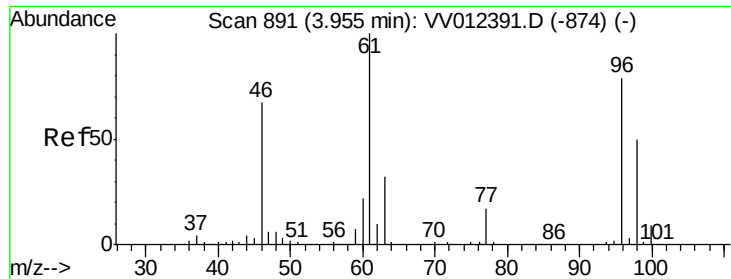


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.407 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV012408.D

Acq: 26 Aug 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

GANM3

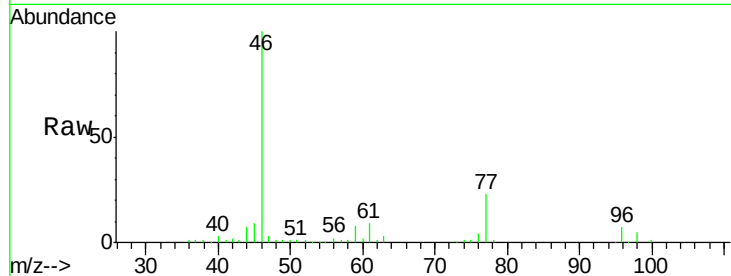
Tot Ion: 96 Resp: 5945

Ion Ratio Lower Upper

96 100

61 125.7 89.4 166.0

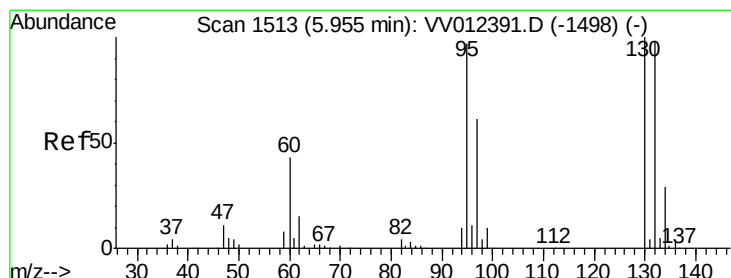
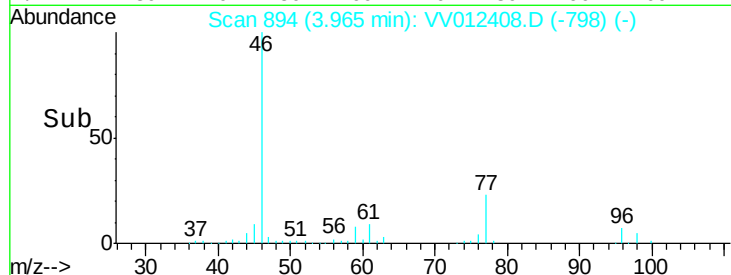
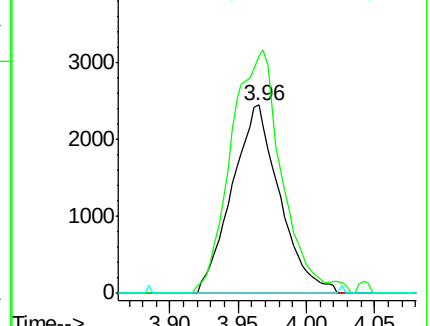
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012391.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV012391.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV012391.D (-874) (-)



#34

Trichloroethene

Concen: 1.486 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012408.D

Acq: 26 Aug 2019 18:11

Tgt Ion: 95 Resp: 22496

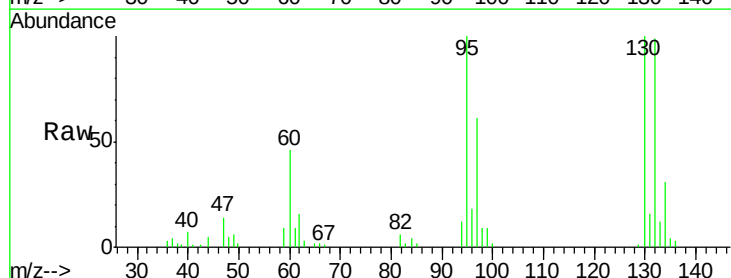
Ion Ratio Lower Upper

95 100

97 61.5 46.3 86.1

132 98.8 70.3 130.7

130 100.1 72.4 134.5

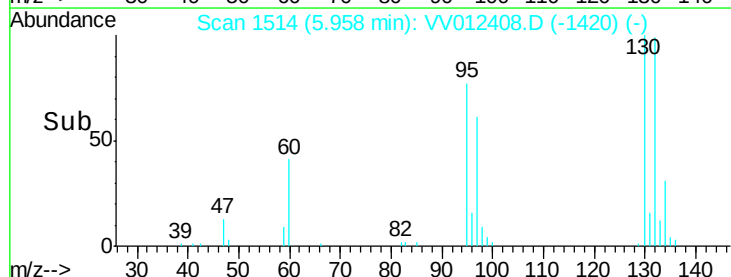
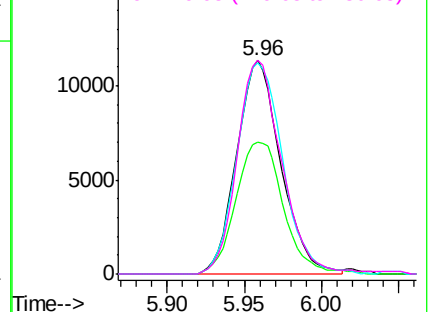


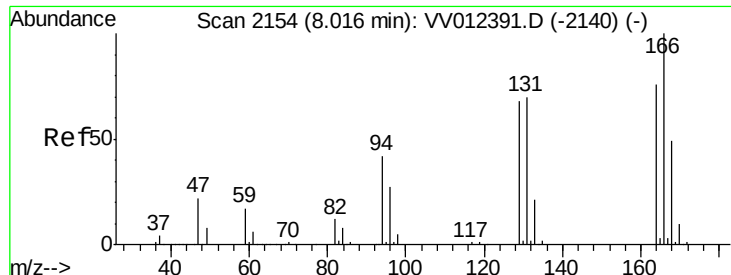
Abundance Ion 95.00 (94.70 to 95.70): VV012391.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012391.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012391.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012391.D (-1498) (-)





#47

Tetrachloroethene

Concen: 158.034 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012408.D

Acq: 26 Aug 2019 18:11

Instrument :
MSVOA_V
ClientSampleId :
GANM3

Tot Ion:164 Resp: 1930590

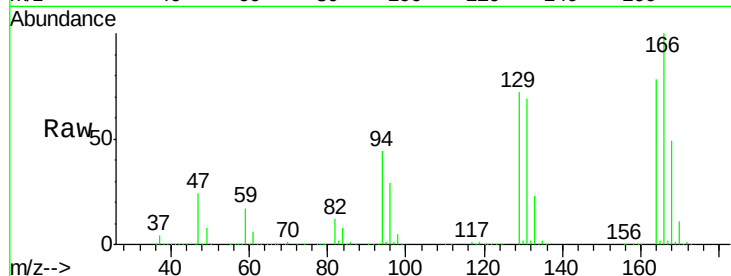
Ion Ratio Lower Upper

164 100

129 91.8 60.6 112.6

131 88.5 58.8 109.2

166 127.9 87.6 162.8

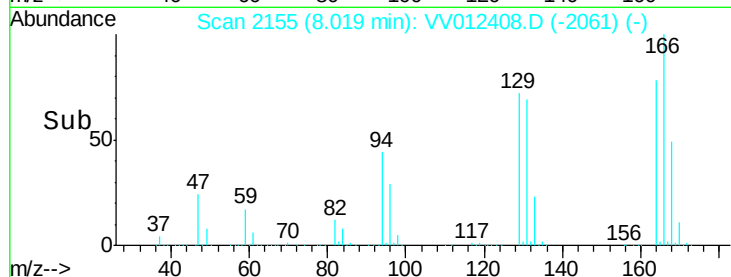


Abundance Ion 163.90 (163.60 to 164.60): V

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



Time-->

