

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012533.D
 Acq On : 02 Sep 2019 17:01
 Operator : SY/MD
 Sample : K4607-10
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD66

Quant Time: Sep 03 07:00:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 05:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70066	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.59	69	70693	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.14	63	116398	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.93	46	136611	47.53	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	4.40	84	107967	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	59663	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	216044	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	66742	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	178332	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	21710	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.13	63	81447	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45491	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	59654	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

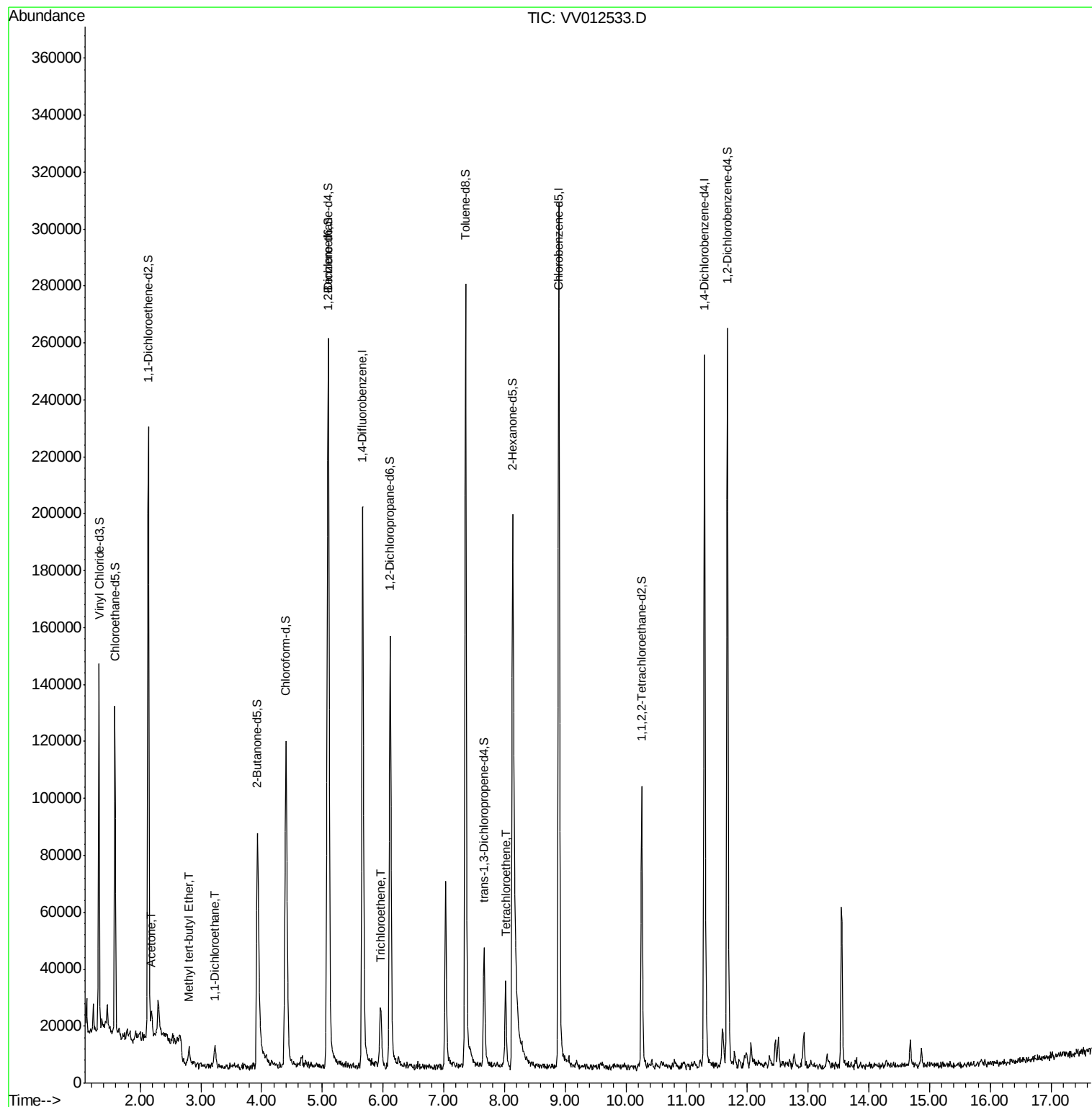
					Ovalue
13) Acetone	2.19	43	9672	2.371 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	4022	0.118 ug/L #	78
19) 1,1-Dichloroethane	3.23	63	6362	0.206 ug/L #	88
34) Trichloroethene	5.96	95	6684	0.372 ug/L	92
47) Tetrachloroethene	8.02	164	6778	0.522 ug/L	94

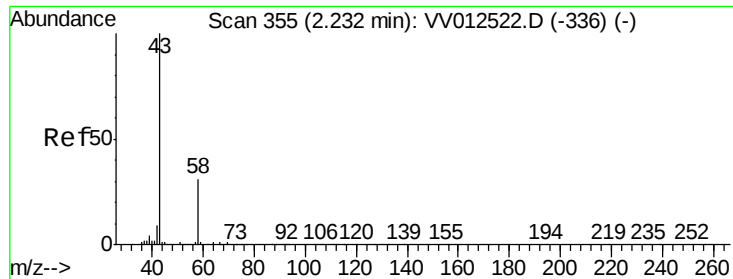
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.371 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012533.D

Acq: 02 Sep 2019 17:01

Instrument :

MSVOA_V

ClientSampleId :

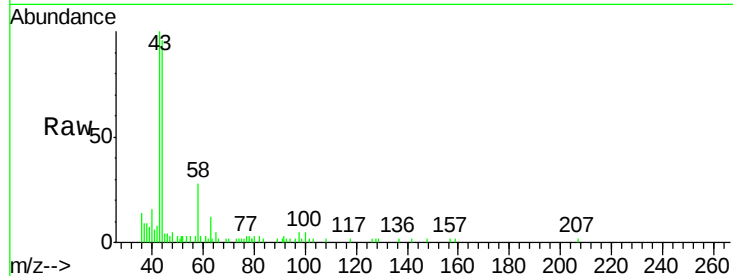
BFD66

Tot Ion: 43 Resp: 9672

Ion Ratio Lower Upper

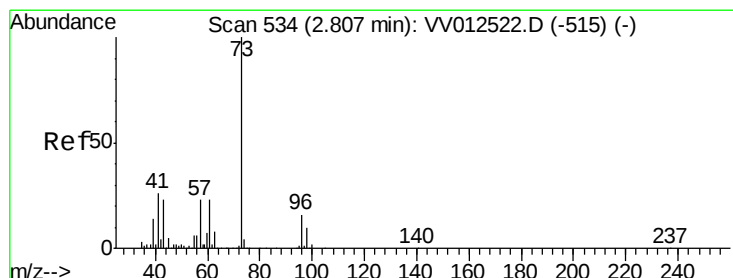
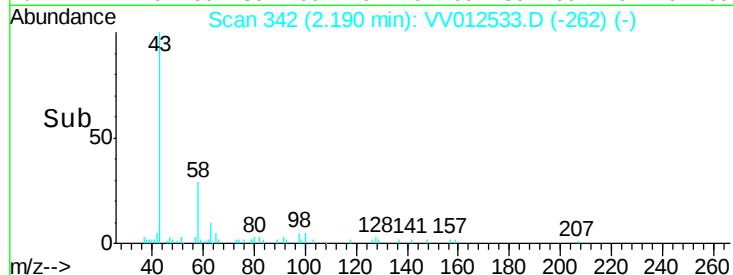
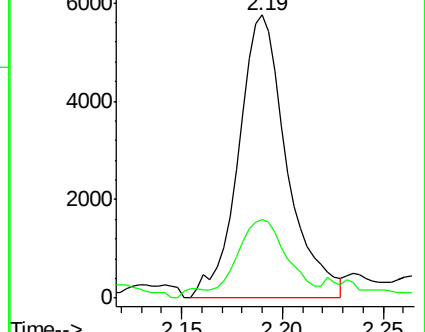
43 100

58 29.9 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#17

Methyl tert-butyl Ether

Concen: 0.118 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012533.D

Acq: 02 Sep 2019 17:01

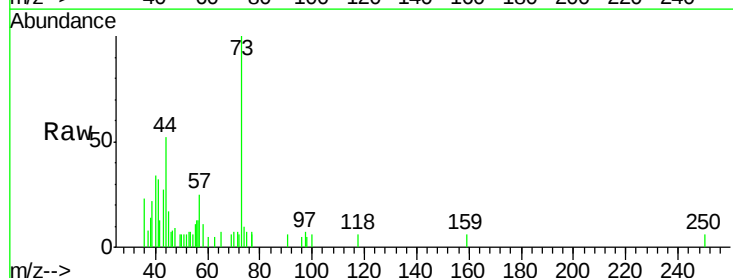
Tgt Ion: 73 Resp: 4022

Ion Ratio Lower Upper

73 100

43 35.8 18.9 28.3#

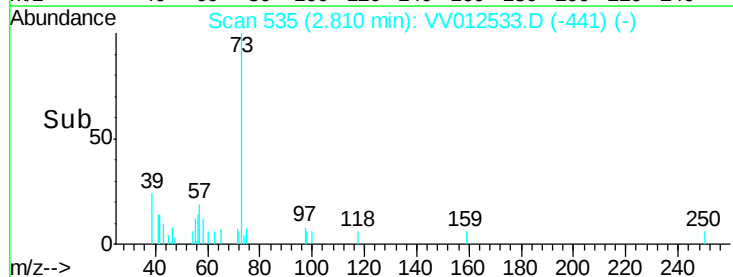
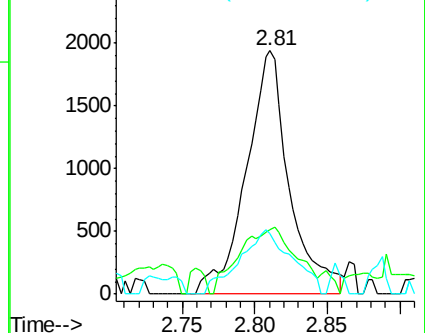
57 32.0 18.3 27.5#

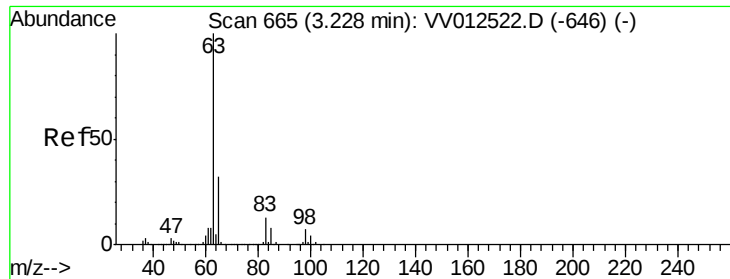


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

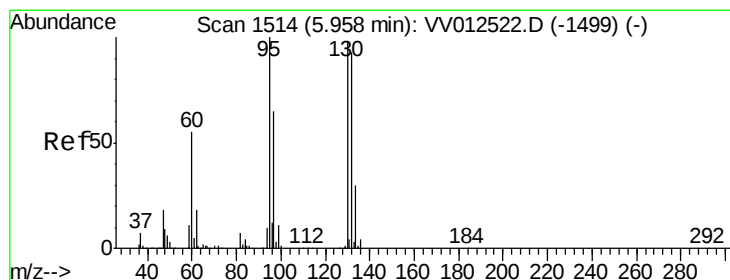
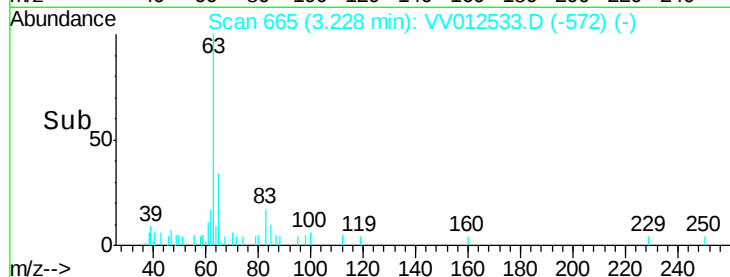
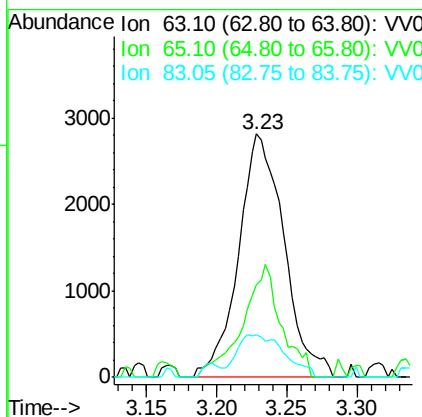
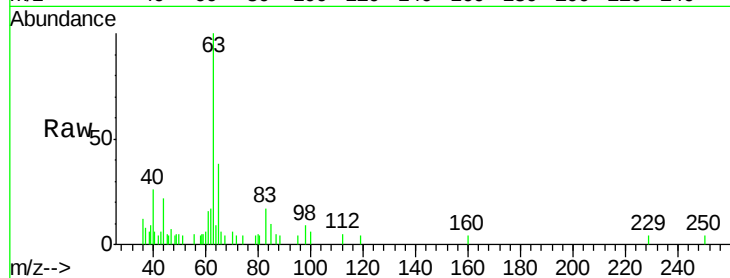




#19
 1,1-Dichloroethane
 Concen: 0.206 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV012533.D
 Acq: 02 Sep 2019 17:01

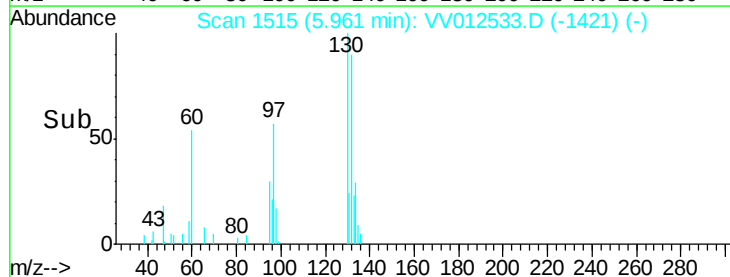
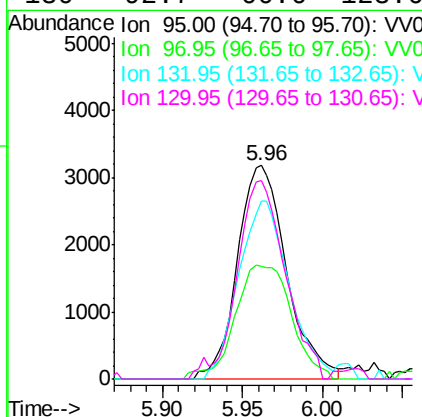
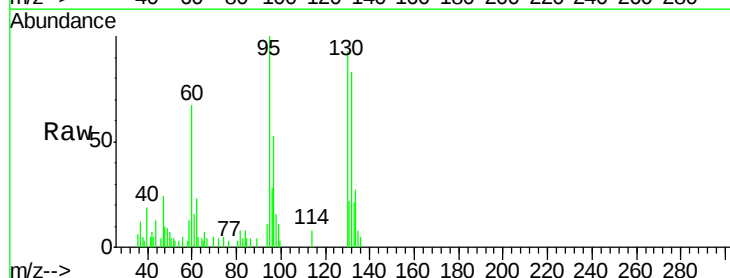
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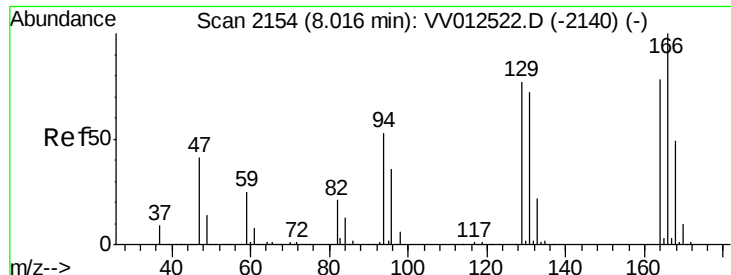
Tot Ion: 63 Resp: 6362
 Ion Ratio Lower Upper
 63 100
 65 37.8 21.5 39.9
 83 17.4 9.1 16.9#



#34
 Trichloroethene
 Concen: 0.372 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV012533.D
 Acq: 02 Sep 2019 17:01

Tgt Ion: 95 Resp: 6684
 Ion Ratio Lower Upper
 95 100
 97 52.7 44.7 83.1
 132 83.4 63.8 118.4
 130 92.7 66.6 123.6





#47

Tetrachloroethene

Concen: 0.522 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012533.D

Acq: 02 Sep 2019 17:01

Instrument :
MSVOA_V
ClientSampleId :
BFD66

Tot Ion:164 Resp: 6778

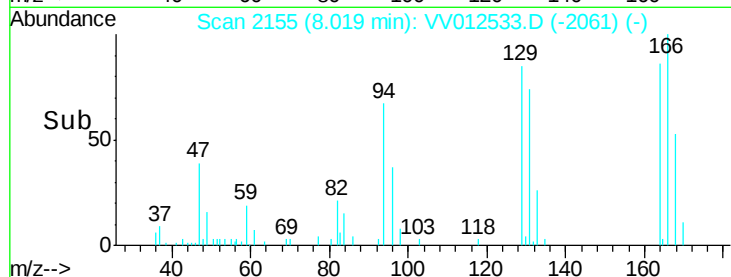
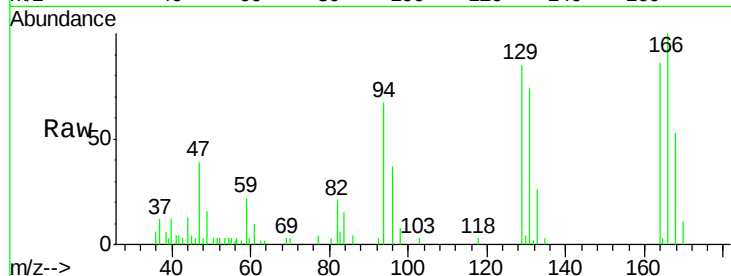
Ion Ratio Lower Upper

164 100

129 99.0 64.5 119.9

131 86.2 62.3 115.7

166 116.2 86.5 160.6



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

