

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026047.D
 Acq On : 11 Oct 2018 16:22
 Operator : SY/MD
 Sample : J5315-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J96

Quant Time: Oct 12 08:53:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	413982	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	370031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	125689	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	177360	5.43	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	2.63	69	163552	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	3.63	63	334613	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	6.59	46	209278	57.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.00%
24) Chloroform-d	7.20	84	293496	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	7.90	65	136888	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	7.85	84	584223	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.90	67	163045	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	540218	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.24	79	36842	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	10.59	63	170401	59.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69653	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	103127	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

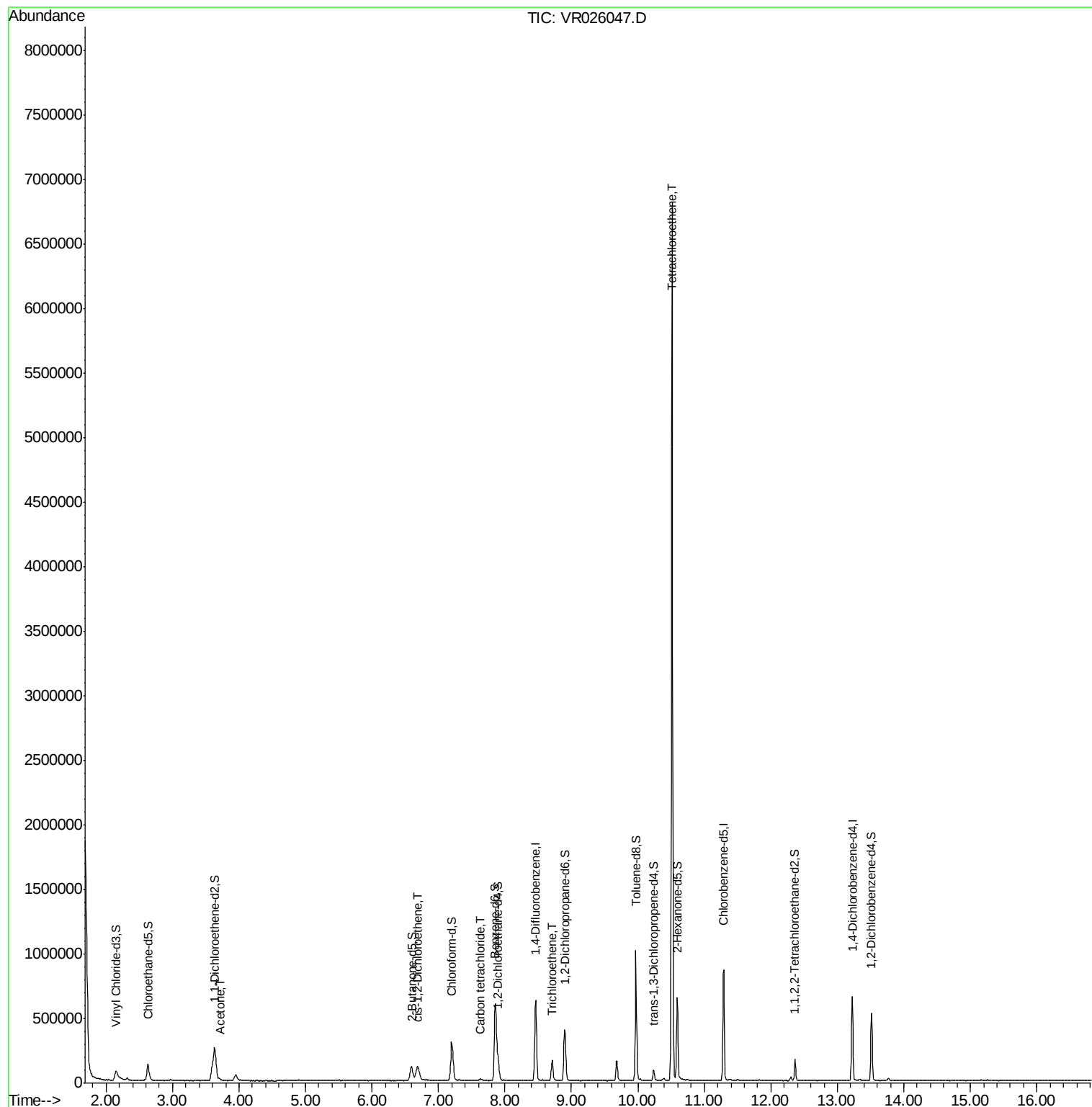
					Ovalue
13) Acetone	3.71	43	8025	3.042 ug/L	81
22) cis-1,2-Dichloroethene	6.68	96	32863	1.264 ug/L #	88
31) Carbon tetrachloride	7.63	117	8566	0.238 ug/L	96
34) Trichloroethene	8.71	95	50160	1.534 ug/L	93
47) Tetrachloroethene	10.51	164	1097040	54.441 ug/L	91

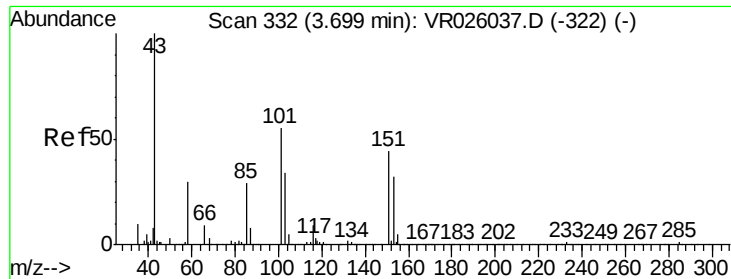
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.042 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

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Acq: 11 Oct 2018 16:22

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MSVOA_R

ClientSampleId :

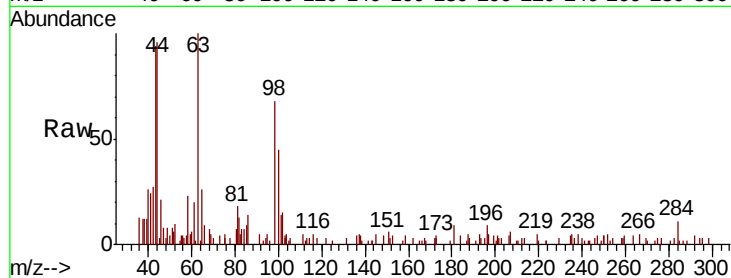
C0J96

Tot Ion: 43 Resp: 8025

Ion Ratio Lower Upper

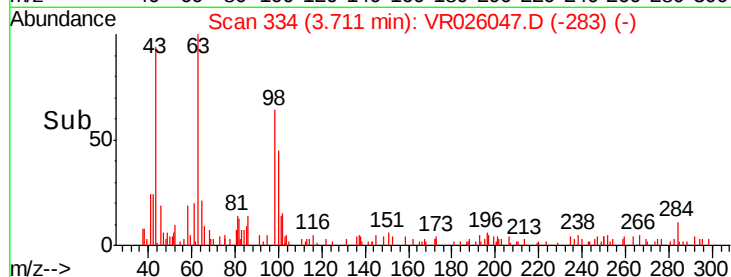
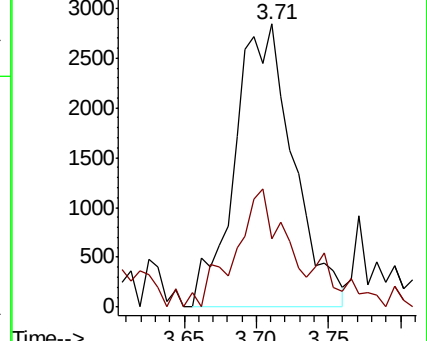
43 100

58 35.4 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 1.264 ug/L

RT: 6.68 min Scan# 822

Delta R.T. 0.00 min

Lab File: VR026047.D

Acq: 11 Oct 2018 16:22

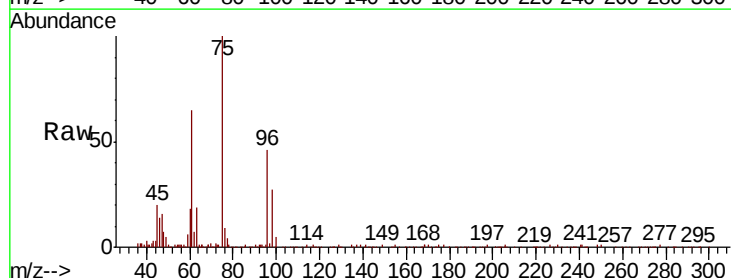
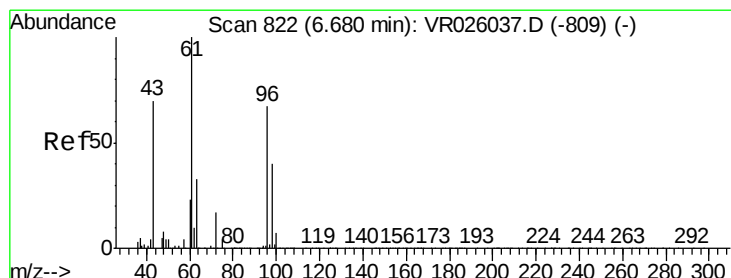
Tgt Ion: 96 Resp: 32863

Ion Ratio Lower Upper

96 100

61 139.3 108.7 201.9

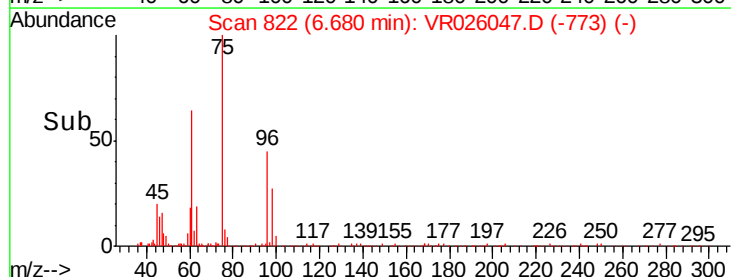
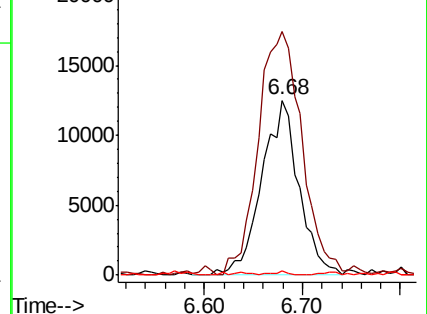
68 2.6 0.1 0.1#

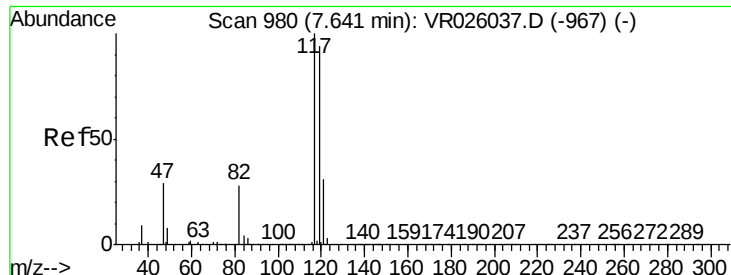


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#31

Carbon tetrachloride

Concen: 0.238 ug/L

RT: 7.63 min Scan# 978

Delta R.T. -0.01 min

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ClientSampleId :

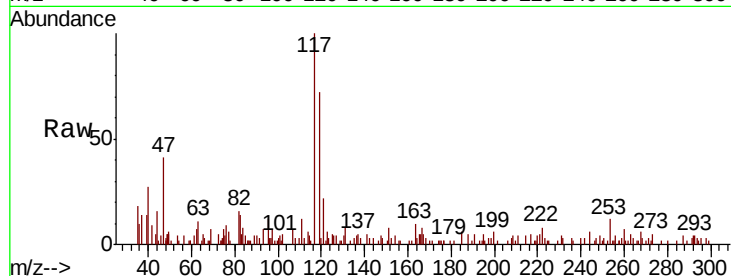
C0J96

Tot Ion:117 Resp: 8566

Ion Ratio Lower Upper

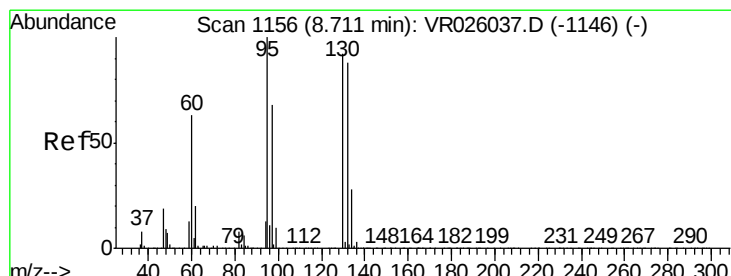
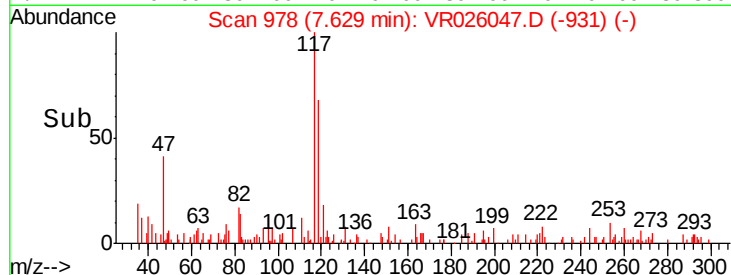
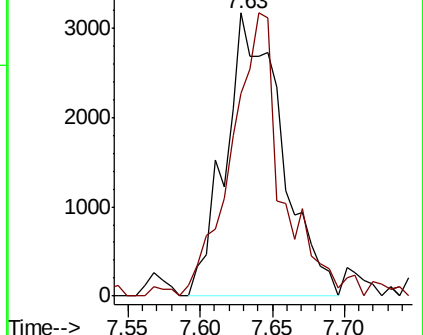
117 100

119 90.5 75.6 113.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.534 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026047.D

Acq: 11 Oct 2018 16:22

Tgt Ion: 95 Resp: 50160

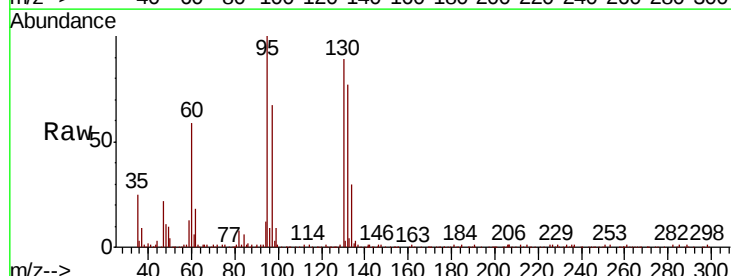
Ion Ratio Lower Upper

95 100

97 66.5 43.9 81.5

132 76.7 53.3 98.9

130 89.2 53.8 99.8

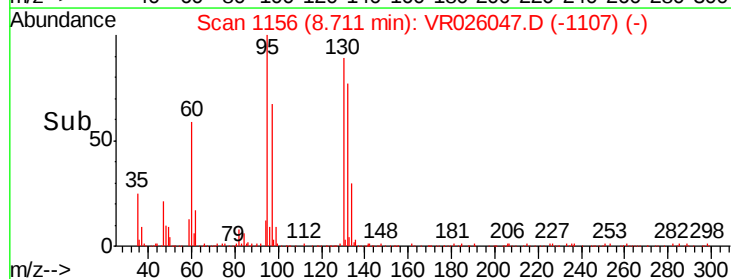
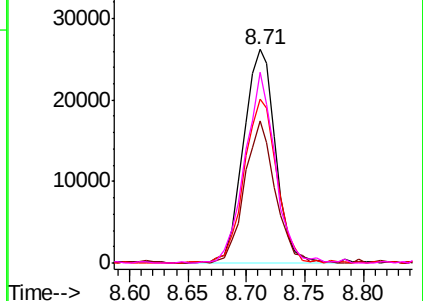


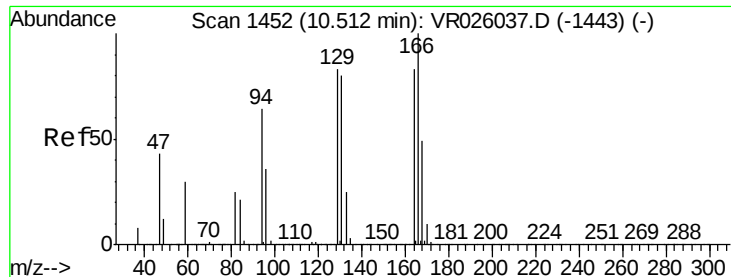
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 54.441 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026047.D

Acq: 11 Oct 2018 16:22

Instrument :

MSVOA_R

ClientSampleId :

C0J96

Tot Ion:164 Resp: 1097040

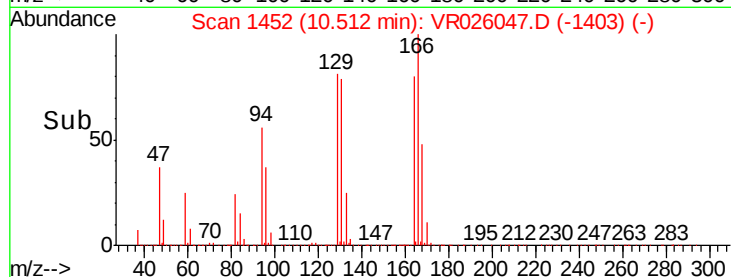
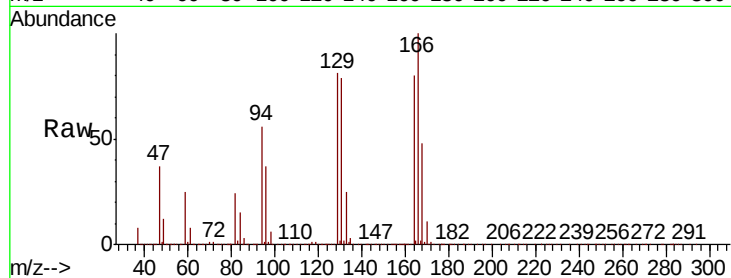
Ion Ratio Lower Upper

164 100

129 101.4 80.8 150.2

131 98.8 74.5 138.3

166 125.6 92.5 171.7



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

