

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008742.D
 Acq On : 28 Nov 2018 17:39
 Operator : SY/MD
 Sample : J6076-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ1

Quant Time: Nov 29 03:46:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 03:24:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49862	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.59	69	42306	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	75204	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.99	46	135039	44.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.18%
24) Chloroform-d	4.41	84	117417	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	60707	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	257596	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	77177	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	228317	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	24428	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	100922	46.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47568	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	77144	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

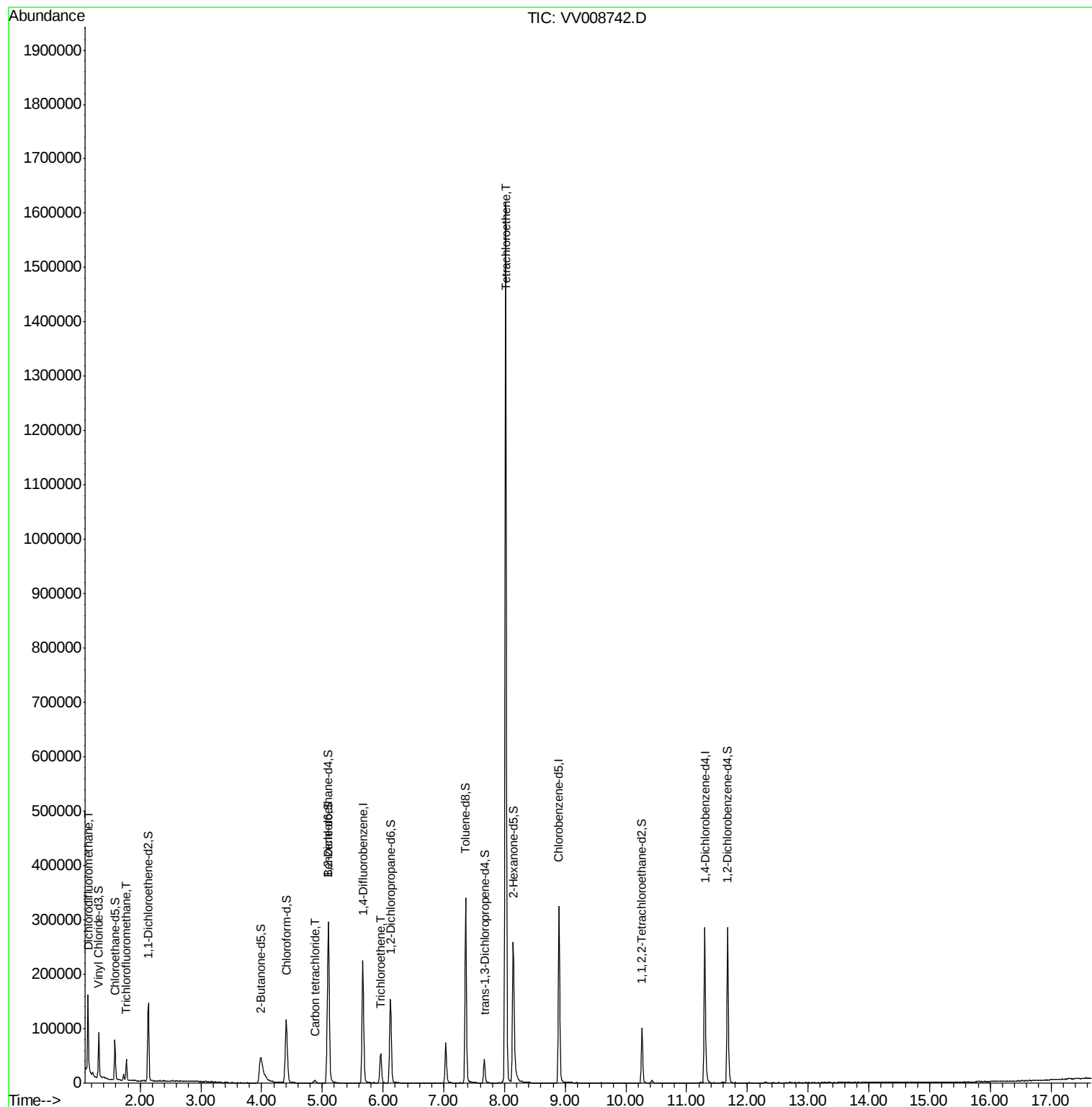
					Ovalue
2) Dichlorodifluoromethane	1.14	85	76181	4.572 ug/L	99
9) Trichlorofluoromethane	1.77	101	21410	1.163 ug/L	100
31) Carbon tetrachloride	4.87	117	3602	0.206 ug/L	98
34) Trichloroethene	5.96	95	17825	1.203 ug/L	97
47) Tetrachloroethene	8.02	164	351395	31.457 ug/L	98

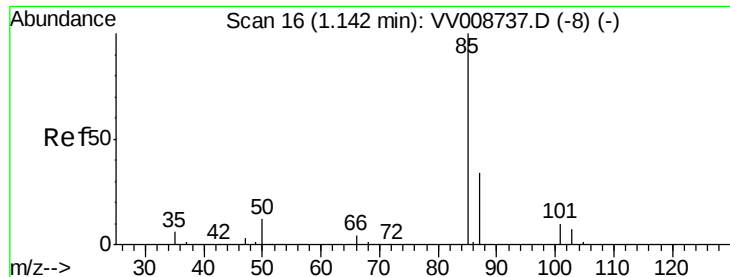
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.572 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

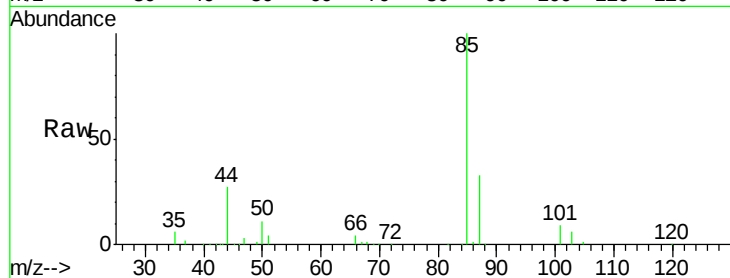
YALQ1

Tot Ion: 85 Resp: 76181

Ion Ratio Lower Upper

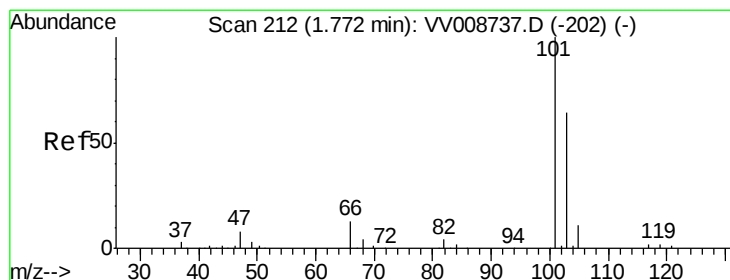
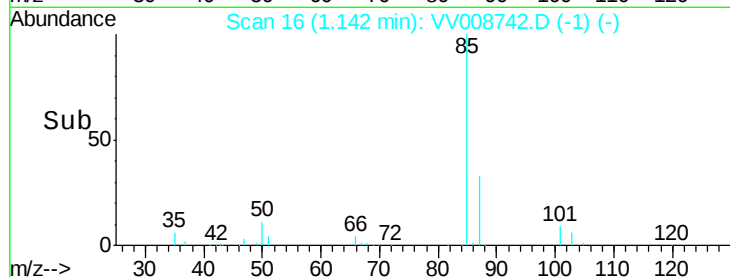
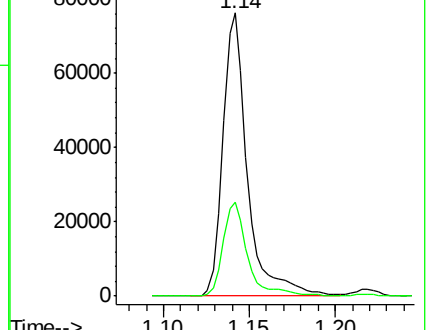
85 100

87 33.3 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV008737.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008737.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 1.163 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV008742.D

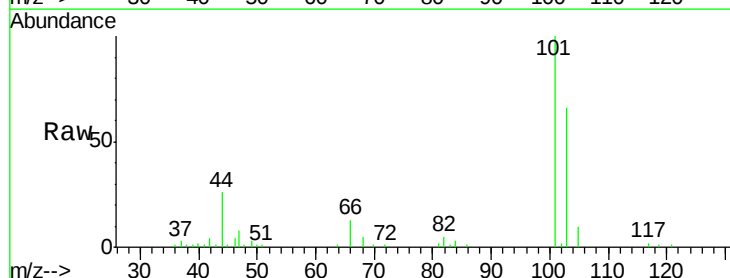
Acq: 28 Nov 2018 17:39

Tgt Ion: 101 Resp: 21410

Ion Ratio Lower Upper

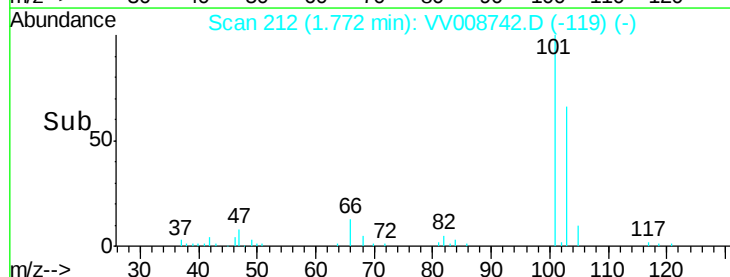
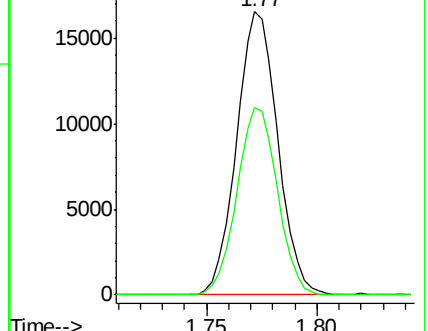
101 100

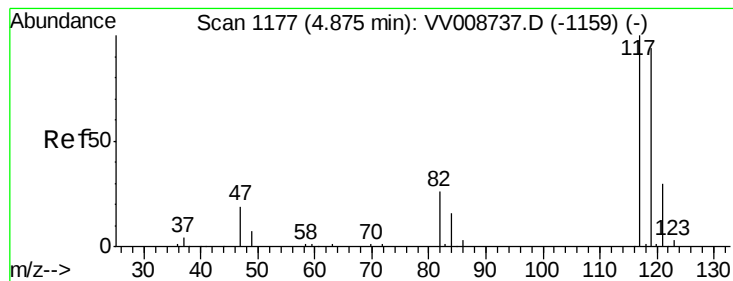
103 65.0 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV008737.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV008737.D (-202) (-)





#31

Carbon tetrachloride

Concen: 0.206 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

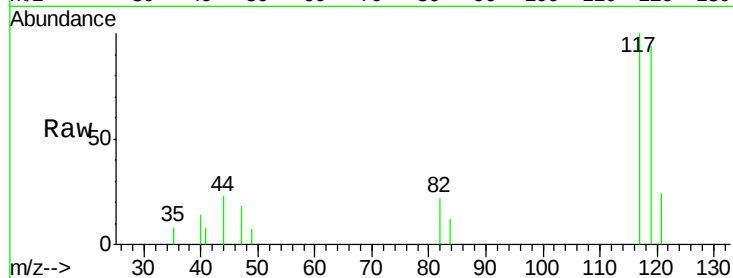
YALQ1

Tot Ion:117 Resp: 3602

Ion Ratio Lower Upper

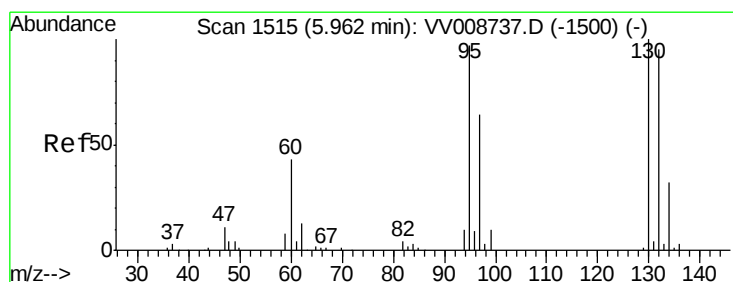
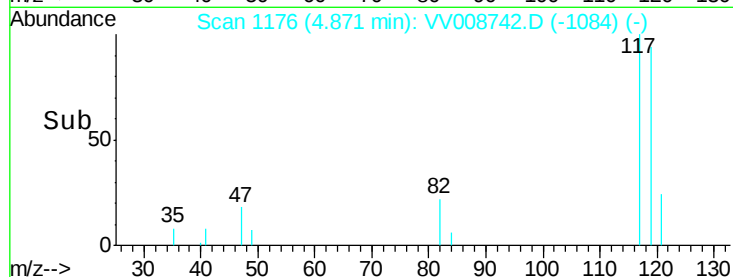
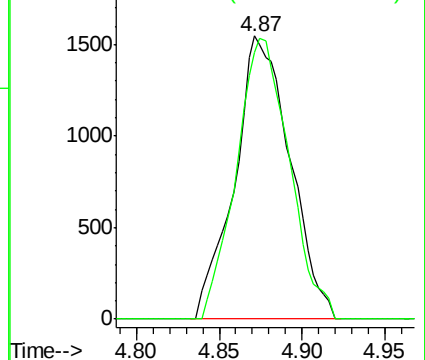
117 100

119 94.5 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.203 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Tgt Ion: 95 Resp: 17825

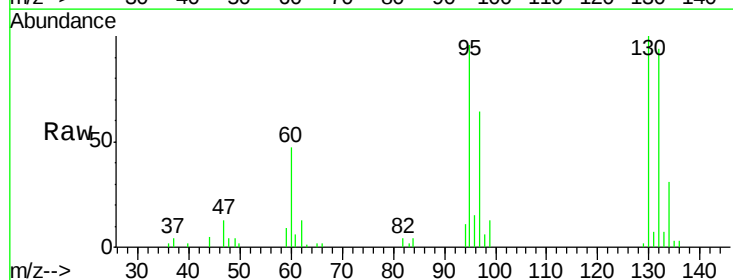
Ion Ratio Lower Upper

95 100

97 66.7 45.1 83.9

132 98.4 68.0 126.4

130 104.5 70.4 130.8

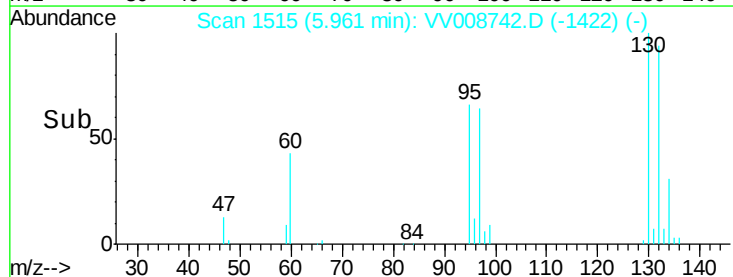
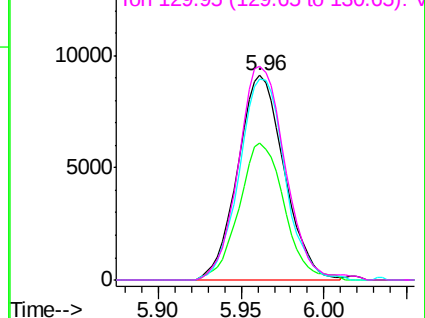


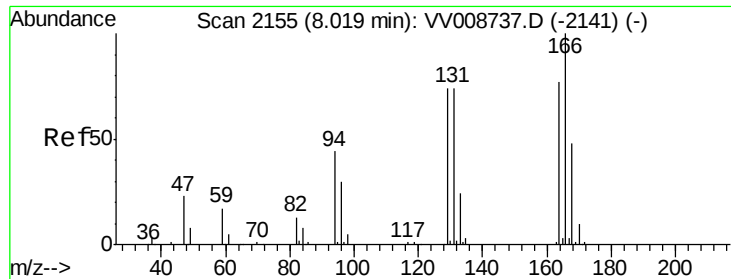
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 31.457 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :
MSVOA_V
ClientSampleId :
YALQ1

Tot Ion:164 Resp: 351395

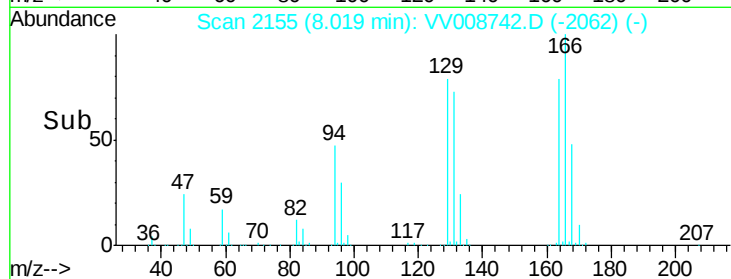
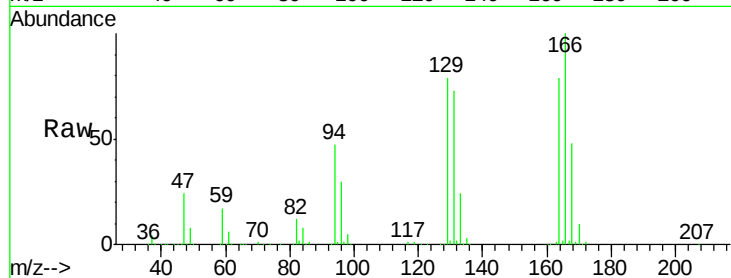
Ion Ratio Lower Upper

164 100

129 100.3 68.9 127.9

131 93.5 66.2 123.0

166 127.3 91.1 169.1



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

