

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009889.D
 Acq On : 10 Apr 2019 19:44
 Operator : SY/VA
 Sample : K2340-12
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF177

Quant Time: Apr 11 05:38:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433519	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178096	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106790	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
7) Chloroethane-d5	2.90	69	97919	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.01	63	233538	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.08	46	93886	50.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.94%
24) Chloroform-d	7.65	84	301548	25.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	8.30	65	185657	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.24%
29) Benzene-d6	8.27	84	538224	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	9.27	67	172855	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.32	98	458678	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.58	79	69683	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	66157	52.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151966	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	174422	27.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.64%

Target Compounds

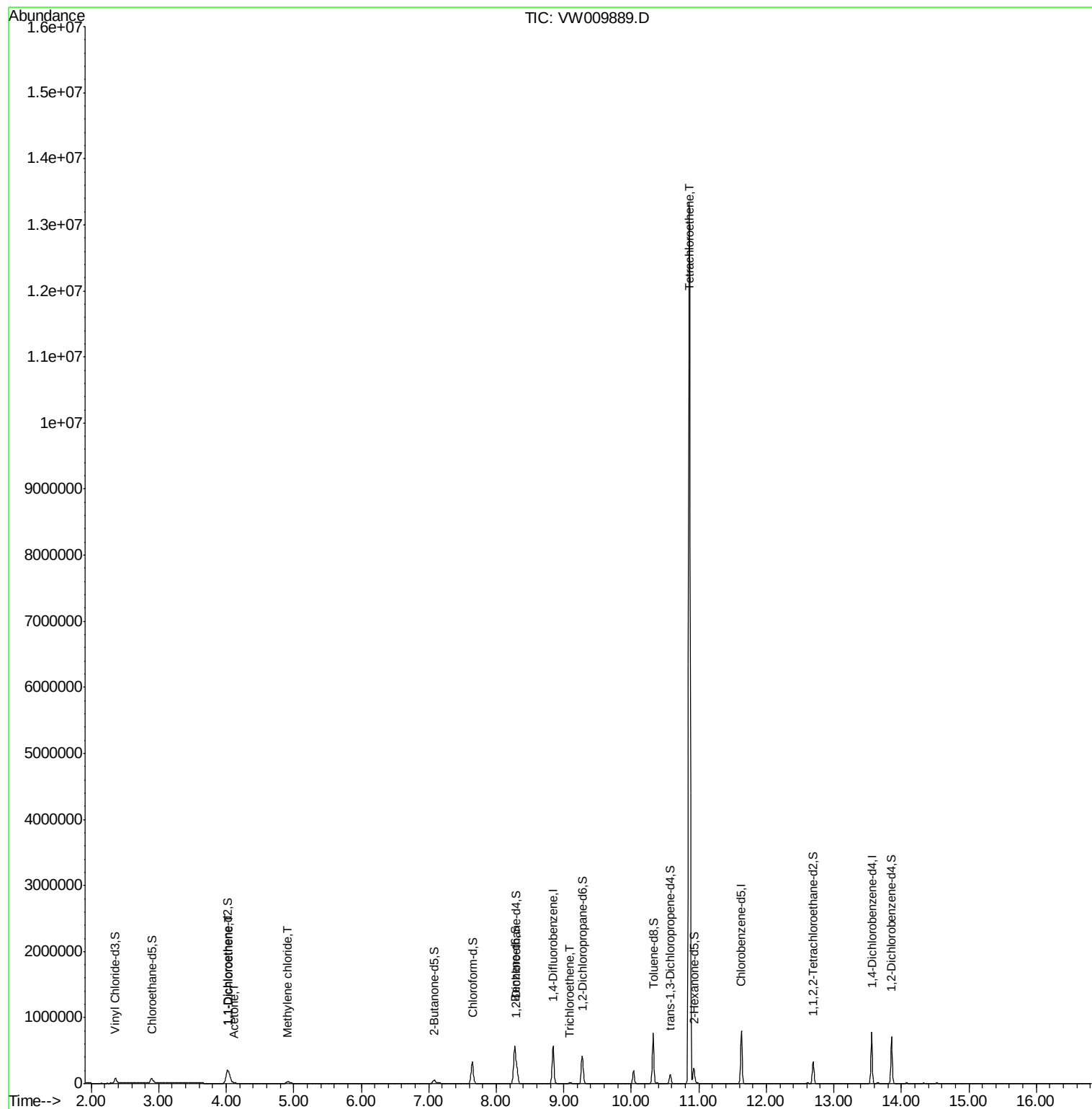
					Ovalue
12) 1,1-Dichloroethene	4.03	96	51633	8.967 ug/L #	30
13) Acetone	4.12	43	12660	6.415 ug/L	99
16) Methylene chloride	4.92	84	22864	2.990 ug/L	99
35) Trichloroethene	9.09	95	6258	0.967 ug/L #	78
47) Tetrachloroethene	10.86	164	2665531	522.979 ug/L	99

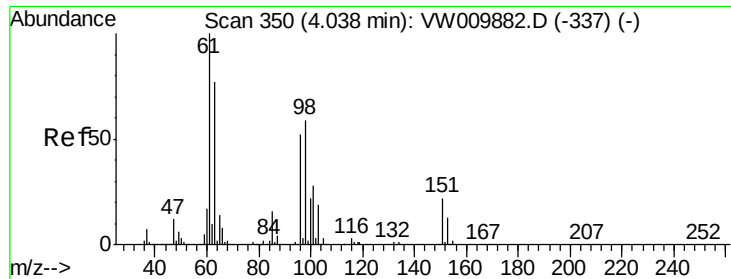
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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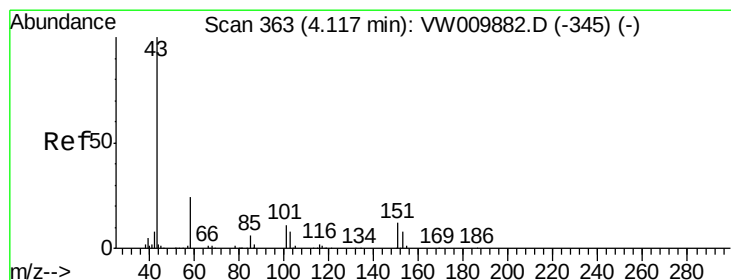
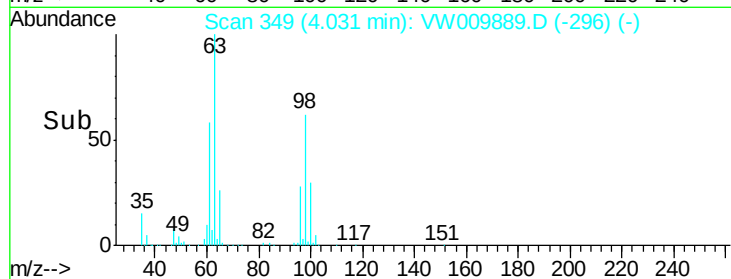
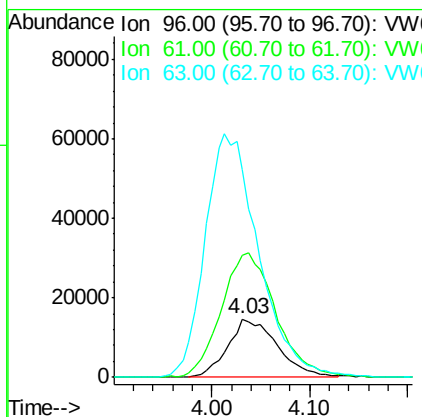
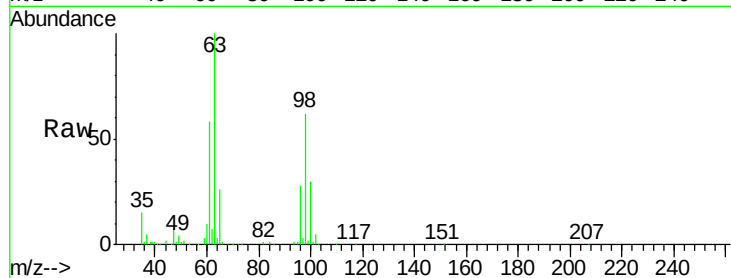




#12
 1,1-Dichloroethene
 Concen: 8.967 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009889.D
 Acq: 10 Apr 2019 19:44

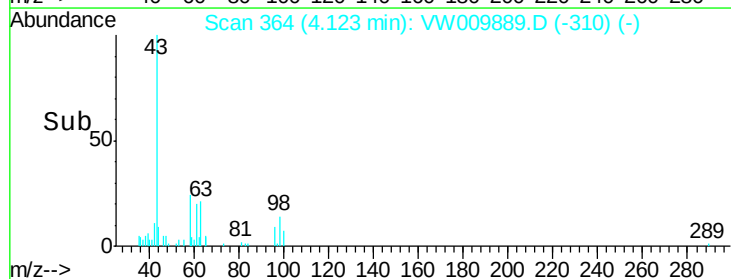
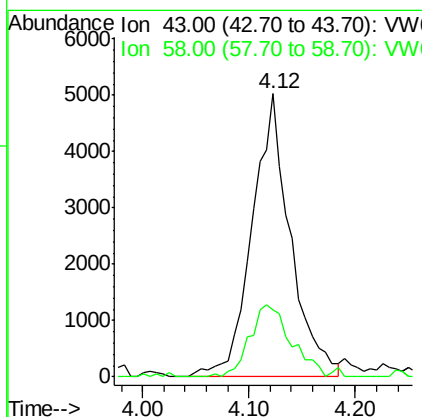
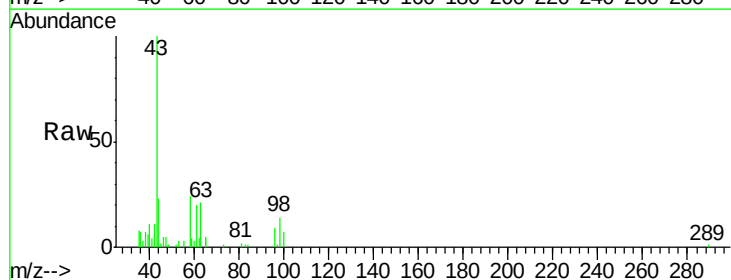
Instrument :
 MSVOA_W
 ClientSampled :
 BF177

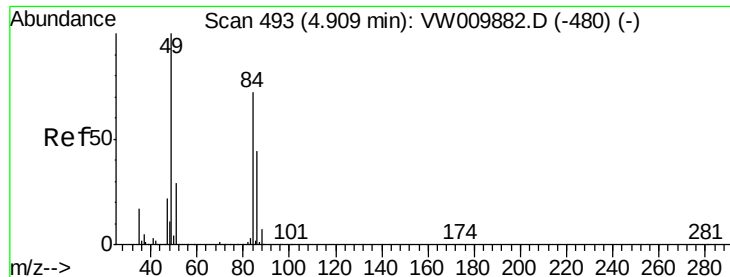
Tot Ion: 96 Resp: 51633
 Ion Ratio Lower Upper
 96 100
 61 209.5 138.8 257.8
 63 359.2 114.6 212.8#



#13
 Acetone
 Concen: 6.415 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW009889.D
 Acq: 10 Apr 2019 19:44

Tgt Ion: 43 Resp: 12660
 Ion Ratio Lower Upper
 43 100
 58 27.2 0.0 53.0

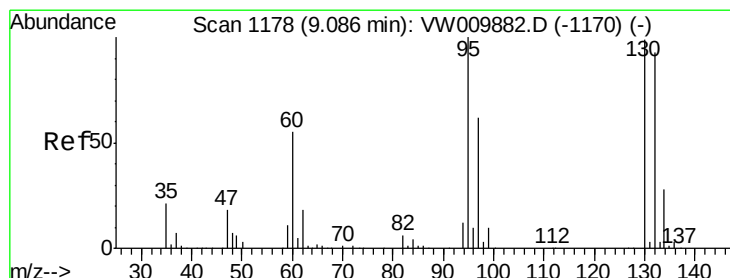
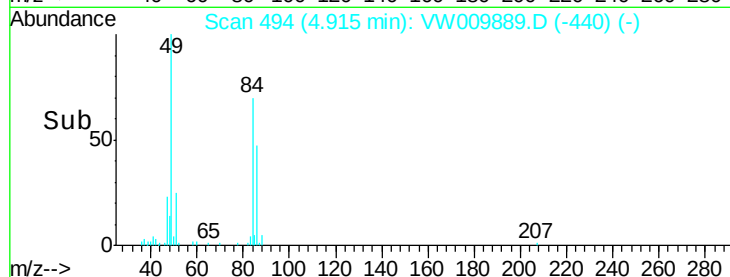
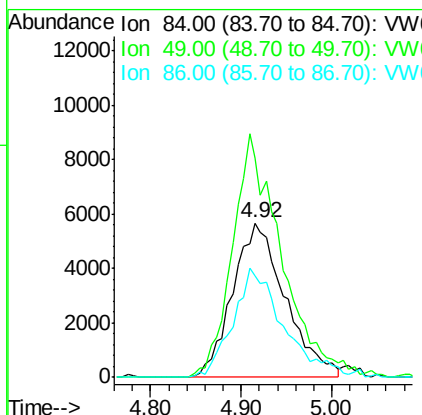
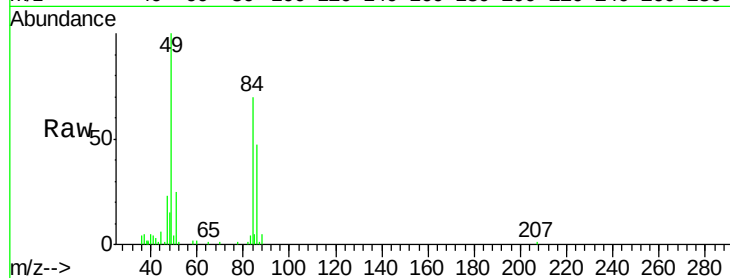




#16
Methylene chloride
Concen: 2.990 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009889.D
Acq: 10 Apr 2019 19:44

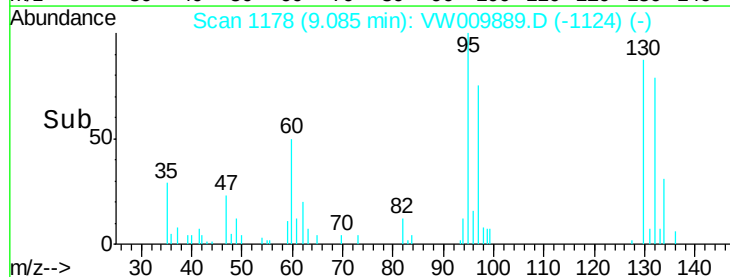
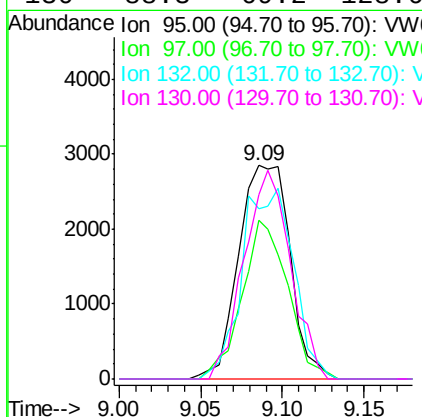
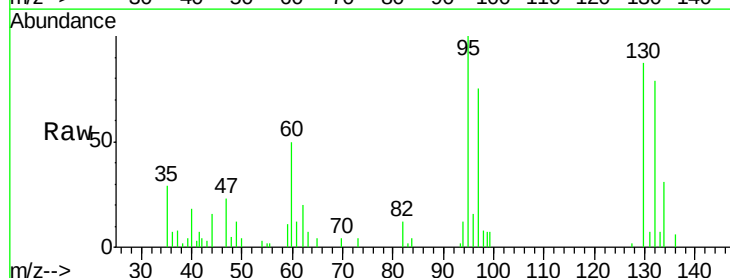
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MSVOA_W
ClientSampleId :
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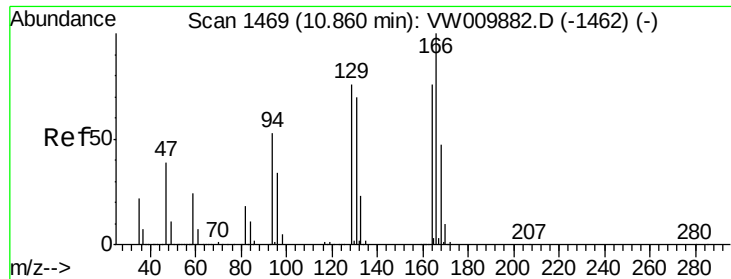
Tot Ion: 84 Resp: 22864
Ion Ratio Lower Upper
84 100
49 142.3 98.3 182.5
86 66.2 46.4 86.2



#35
Trichloroethene
Concen: 0.967 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009889.D
Acq: 10 Apr 2019 19:44

Tgt Ion: 95 Resp: 6258
Ion Ratio Lower Upper
95 100
97 66.2 44.9 83.5
132 50.9 67.1 124.7#
130 88.3 69.2 128.6





#47

Tetrachloroethene

Concen: 522.979 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009889.D

Acq: 10 Apr 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

BF177

Tot Ion:164 Resp: 2665531

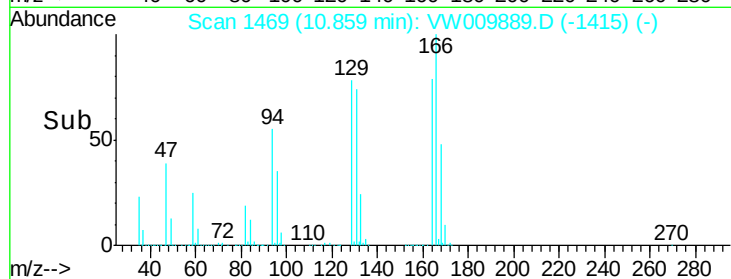
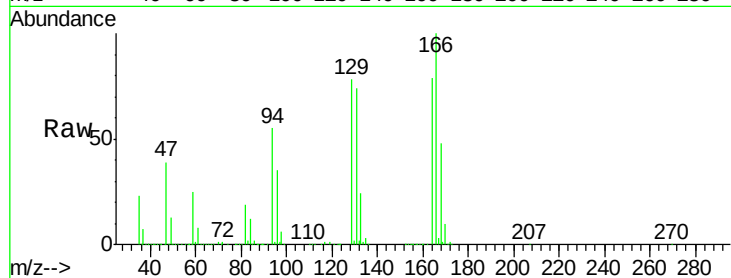
Ion Ratio Lower Upper

164 100

129 99.0 68.9 127.9

131 93.6 63.1 117.1

166 126.8 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

