

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015430.D
 Acq On : 09 Apr 2020 20:29
 Operator : SY/MD
 Sample : L2188-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS73

Quant Time: Apr 10 06:02:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	115760	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	110830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53383	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28846	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.57	69	26691	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	41426	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	92391	54.78	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.56%
24) Chloroform-d	4.38	84	64014	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	37299	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	124797	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	39776	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	115441	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.65	79	15889	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.12	63	84372	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30210	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	43475	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

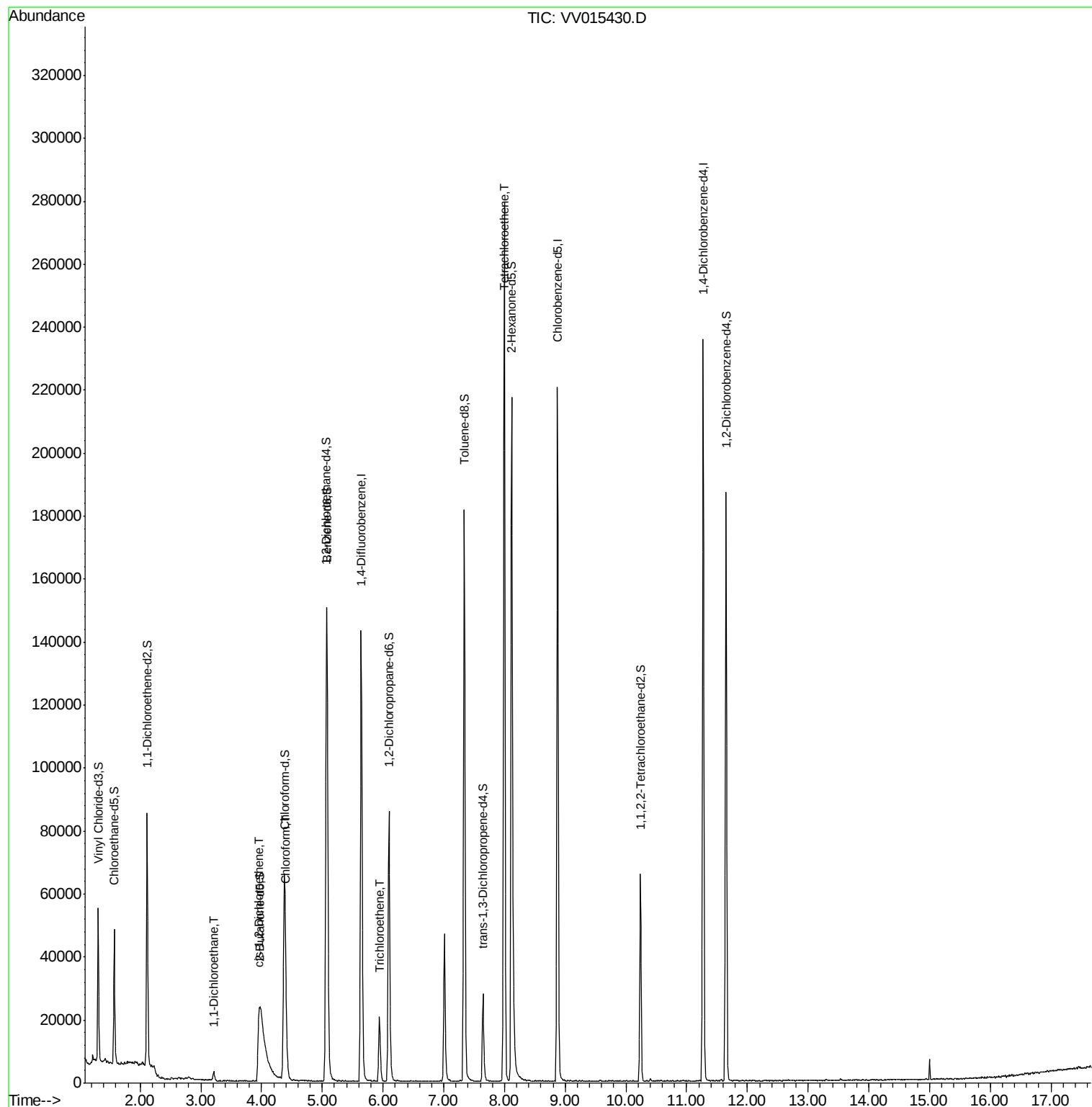
					Ovalue
19) 1,1-Dichloroethane	3.21	63	3274	0.212 ug/L	90
22) cis-1,2-Dichloroethene	3.95	96	1448	0.170 ug/L	84
25) Chloroform	4.40	83	11130	0.705 ug/L	97
34) Trichloroethene	5.94	95	7212	0.808 ug/L	97
47) Tetrachloroethene	8.00	164	57165	8.642 ug/L	98

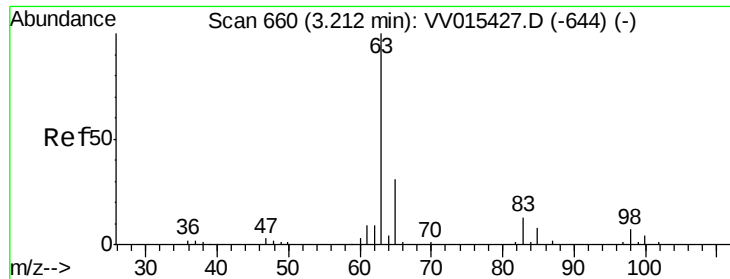
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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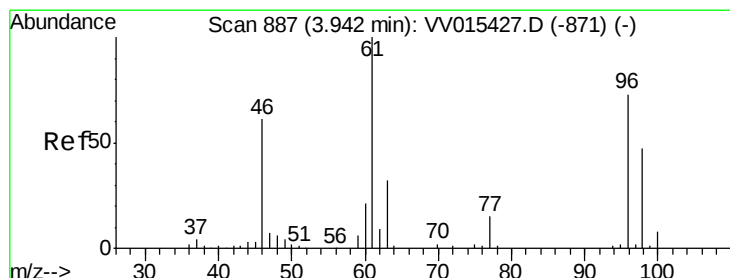
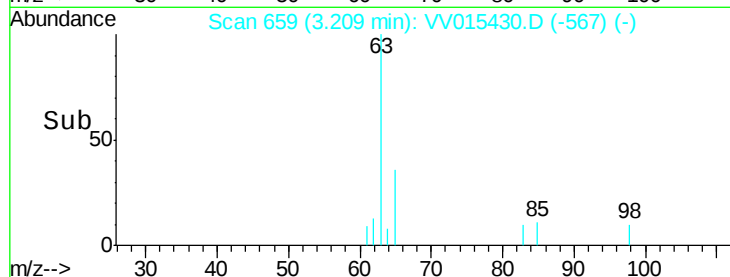
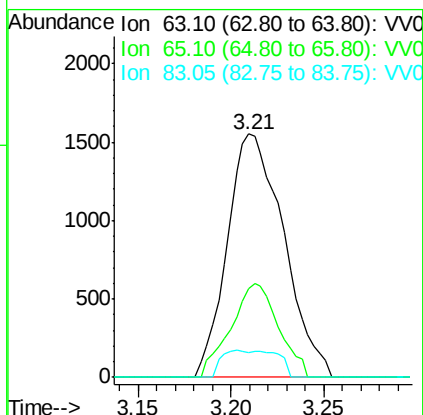
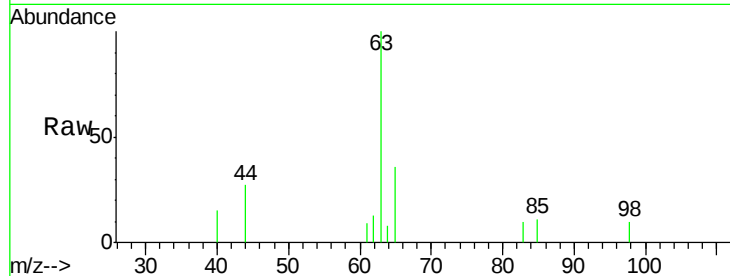




#19
 1,1-Dichloroethane
 Concen: 0.212 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV015430.D
 Acq: 09 Apr 2020 20:29

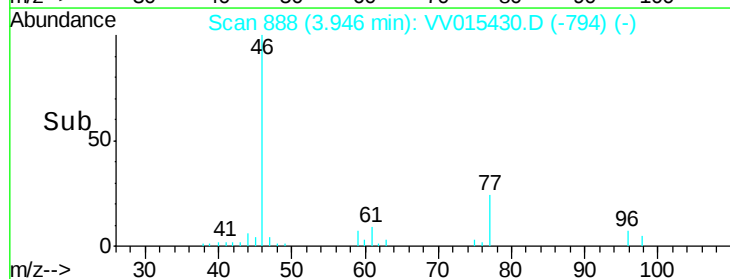
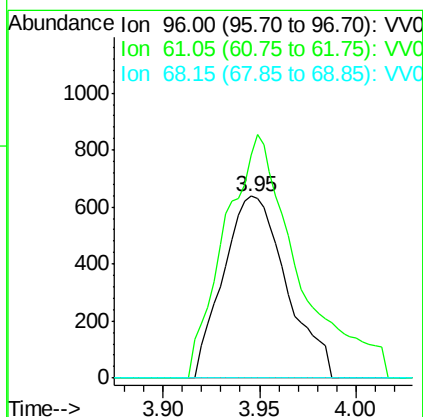
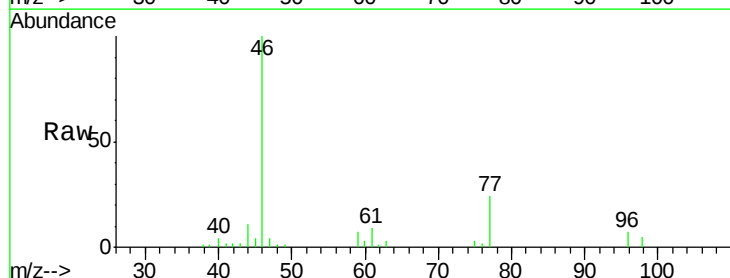
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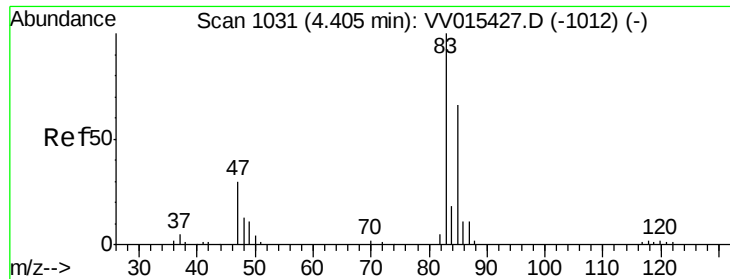
Tot Ion: 63 Resp: 3274
 Ion Ratio Lower Upper
 63 100
 65 36.2 21.3 39.6
 83 10.4 9.4 17.6



#22
 cis-1,2-Dichloroethene
 Concen: 0.170 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VV015430.D
 Acq: 09 Apr 2020 20:29

Tgt Ion: 96 Resp: 1448
 Ion Ratio Lower Upper
 96 100
 61 123.1 100.0 185.8
 68 0.0 0.0 0.0

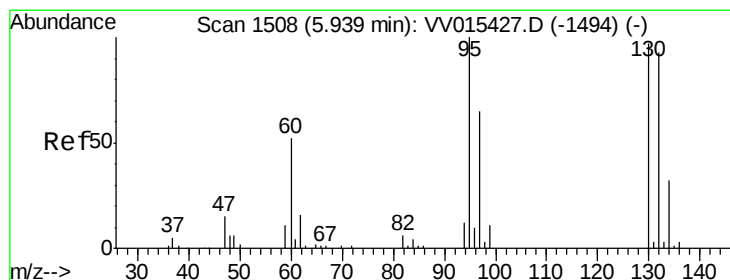
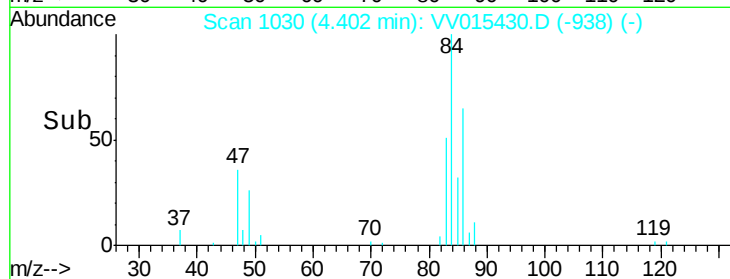
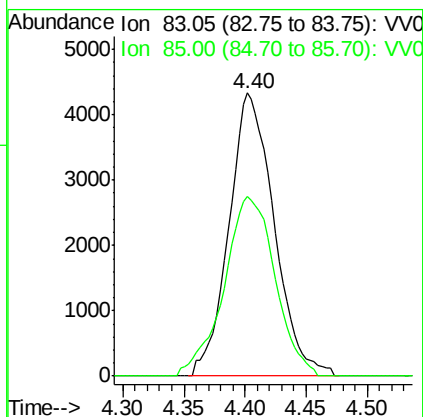
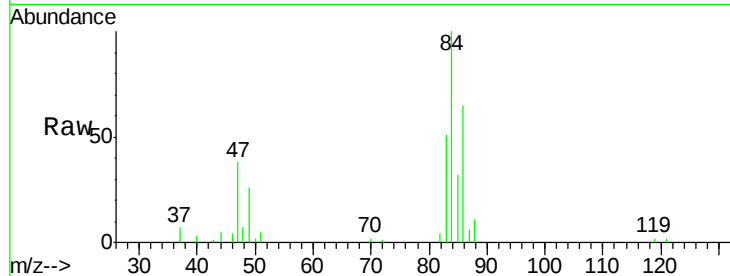




#25
Chloroform
Concen: 0.705 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015430.D
Acq: 09 Apr 2020 20:29

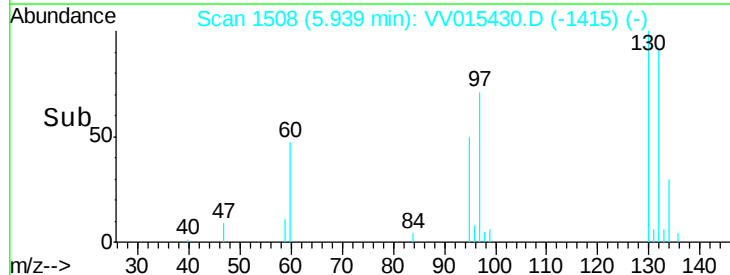
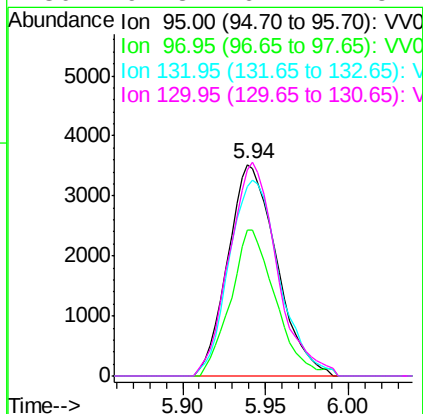
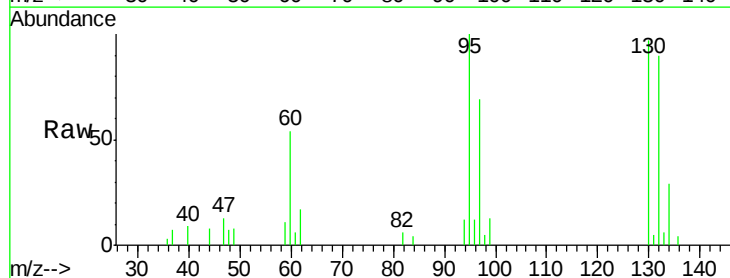
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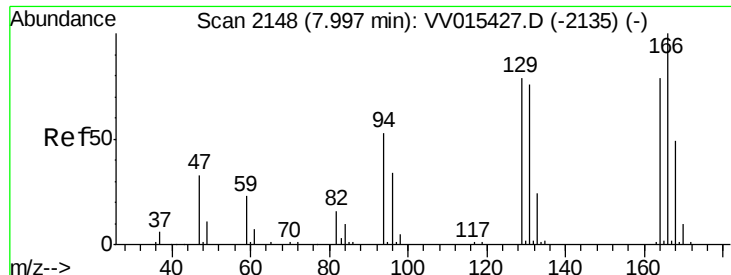
Tot Ion: 83 Resp: 11130
Ion Ratio Lower Upper
83 100
85 63.4 45.9 85.3



#34
Trichloroethene
Concen: 0.808 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015430.D
Acq: 09 Apr 2020 20:29

Tgt Ion: 95 Resp: 7212
Ion Ratio Lower Upper
95 100
97 68.9 45.4 84.4
132 89.5 64.8 120.4
130 97.3 67.4 125.2





#47

Tetrachloroethene

Concen: 8.642 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015430.D

Acq: 09 Apr 2020 20:29

Instrument :

MSVOA_V

ClientSampleId :

BFS73

Tot Ion:164 Resp: 57165

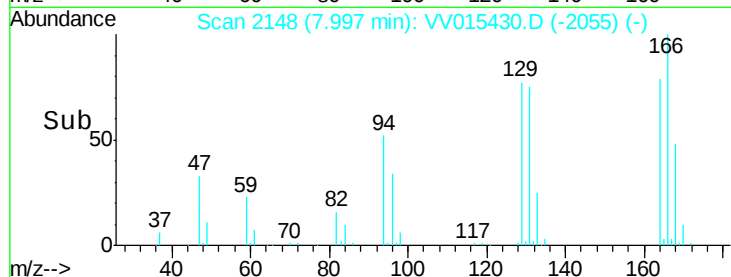
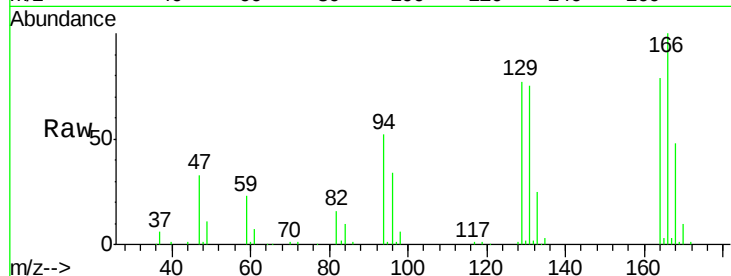
Ion Ratio Lower Upper

164 100

129 98.0 70.6 131.0

131 95.4 68.3 126.8

166 126.6 88.3 163.9



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

