

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015791.D
 Acq On : 29 Apr 2020 14:40
 Operator : SY/MD
 Sample : L2413-17DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM6DL

Quant Time: Apr 30 05:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40706	6.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.80%
7) Chloroethane-d5	1.58	69	35458	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.12	63	58834	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.92	46	96259	45.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	4.38	84	67147	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	43266	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	145267	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.09	67	45378	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	128887	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.65	79	15473	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.11	63	68405	38.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29741	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	46308	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

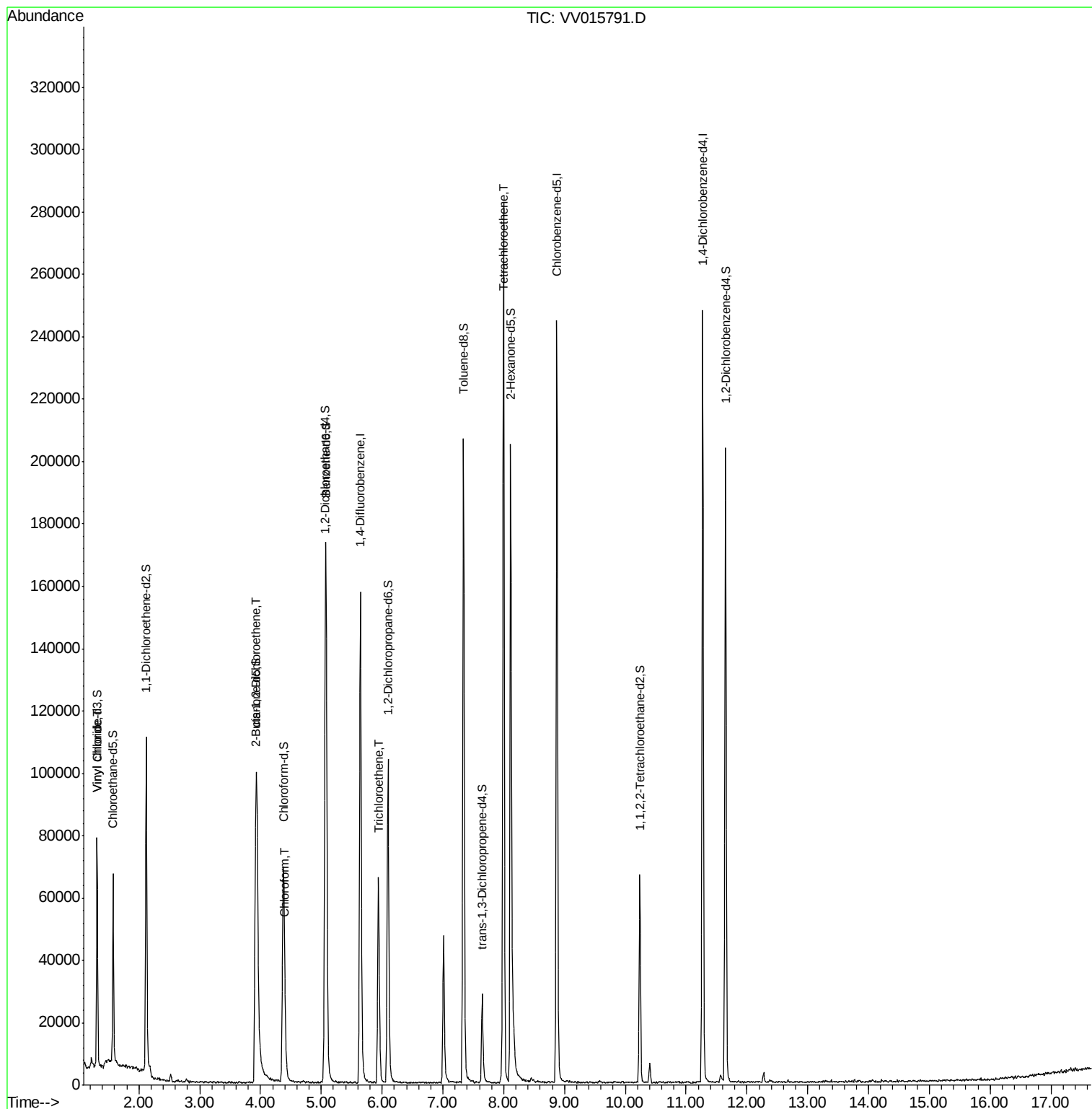
					Ovalue
5) Vinyl chloride	1.32	62	4201	0.425 ug/L	# 73
22) cis-1,2-Dichloroethene	3.94	96	31395	3.491 ug/L	98
25) Chloroform	4.41	83	9927	0.585 ug/L	99
34) Trichloroethene	5.94	95	21699	2.250 ug/L	94
47) Tetrachloroethene	8.00	164	55640	8.012 ug/L	93

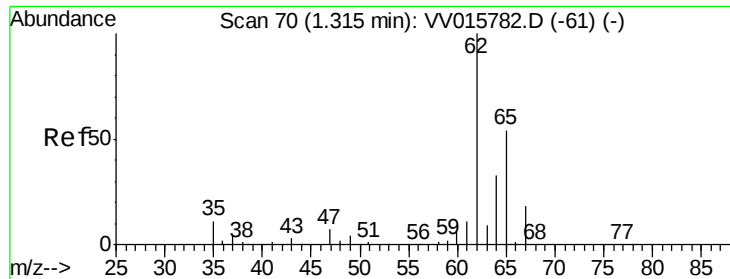
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.425 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

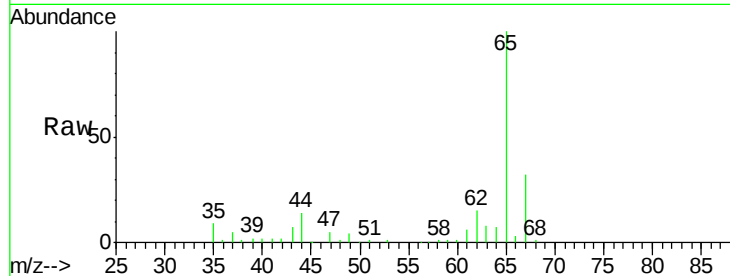
ETKM6DL

Tot Ion: 62 Resp: 4201

Ion Ratio Lower Upper

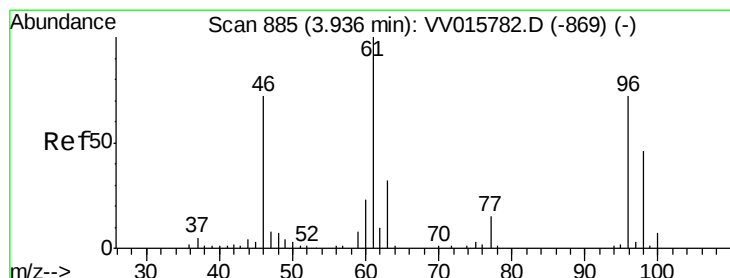
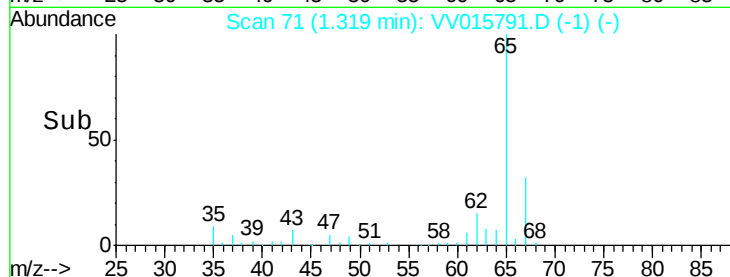
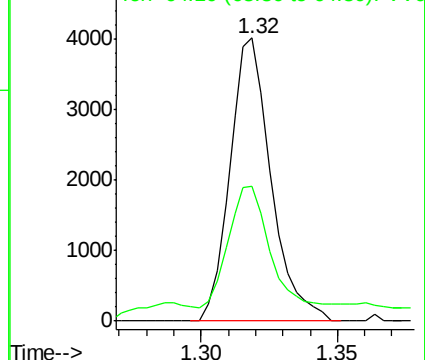
62 100

64 47.7 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 3.491 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

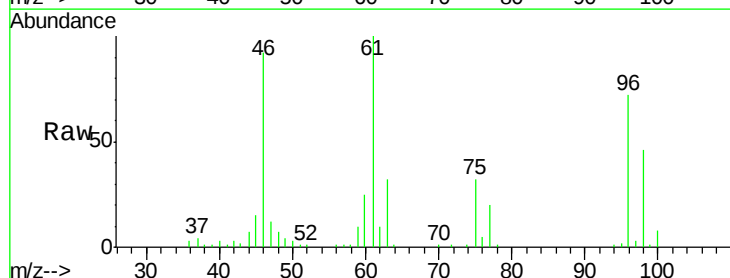
Tgt Ion: 96 Resp: 31395

Ion Ratio Lower Upper

96 100

61 139.7 96.4 179.0

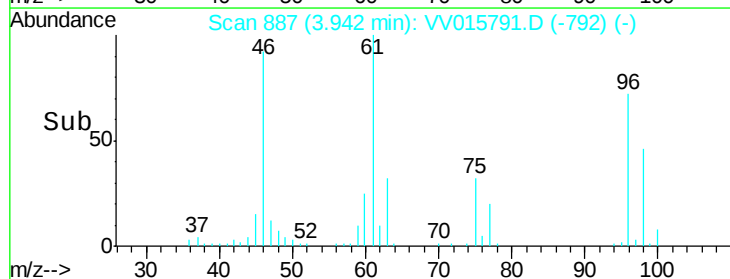
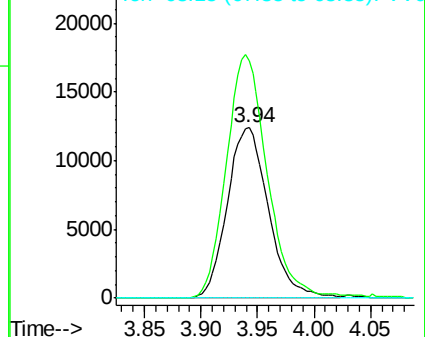
68 0.0 0.0 0.0

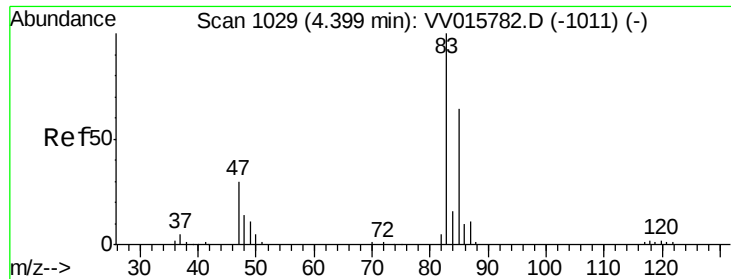


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

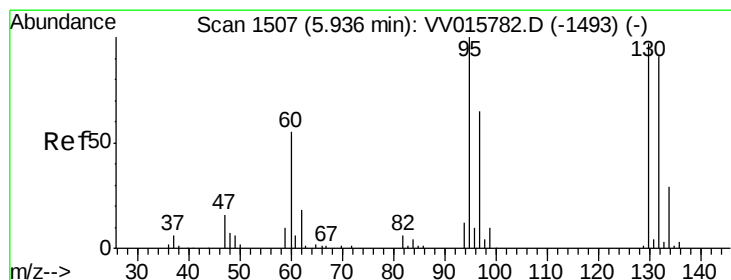
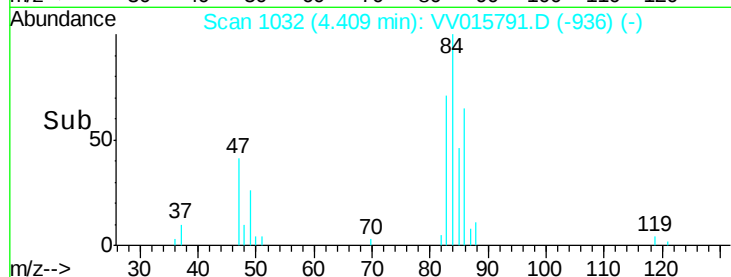
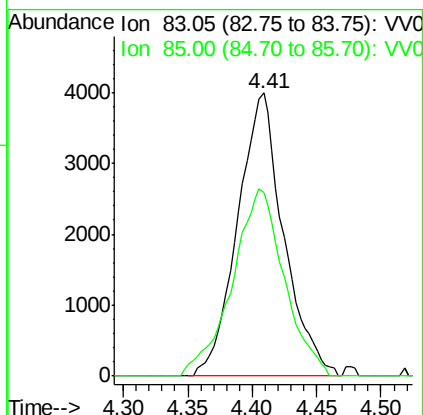
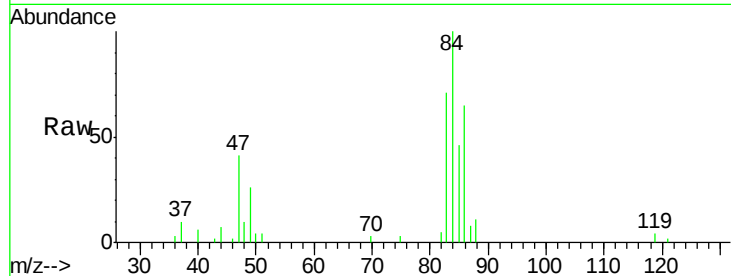




#25
Chloroform
Concen: 0.585 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015791.D
Acq: 29 Apr 2020 14:40

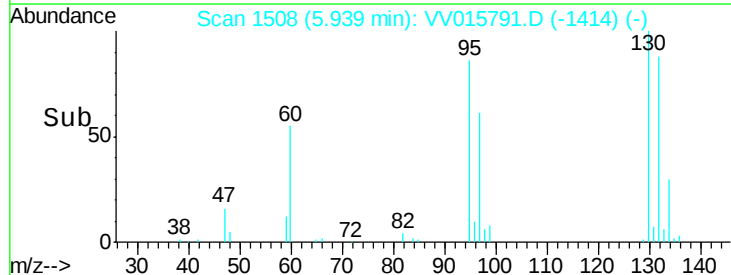
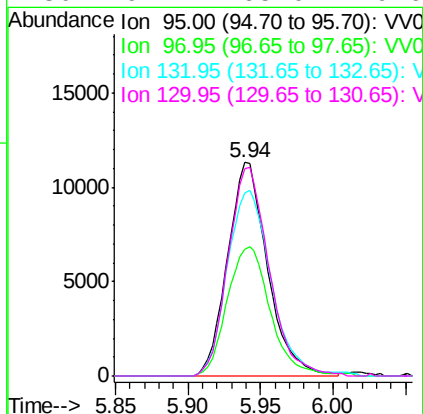
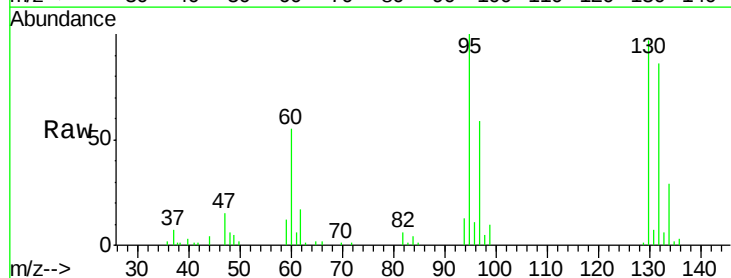
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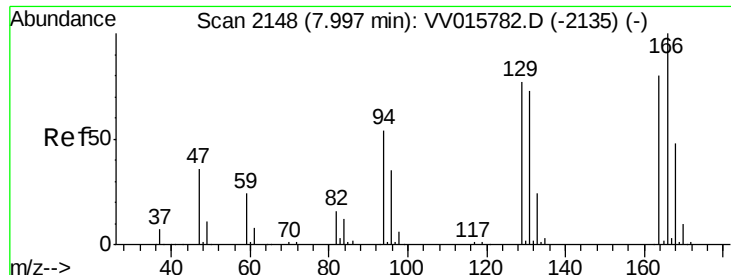
Tot Ion: 83 Resp: 9927
Ion Ratio Lower Upper
83 100
85 64.8 46.1 85.5



#34
Trichloroethene
Concen: 2.250 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015791.D
Acq: 29 Apr 2020 14:40

Tgt Ion: 95 Resp: 21699
Ion Ratio Lower Upper
95 100
97 59.5 44.7 82.9
132 85.7 65.2 121.0
130 97.2 65.0 120.6





#47

Tetrachloroethene

Concen: 8.012 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

ETKM6DL

Tot Ion:164 Resp: 55640

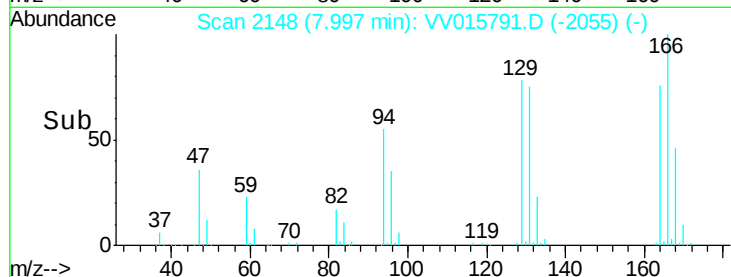
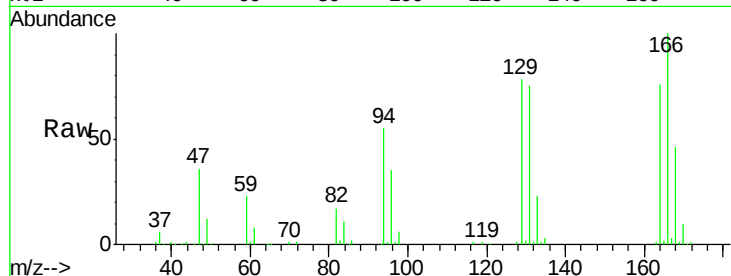
Ion Ratio Lower Upper

164 100

129 102.2 66.7 123.9

131 98.5 66.6 123.6

166 131.6 85.3 158.5



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

