

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017160.D
 Acq On : 26 Jun 2020 05:12
 Operator : SY/MD
 Sample : L3068-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F70

Quant Time: Jun 26 06:52:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168947	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167361	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47606	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	38432	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	69736	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.93	46	119470	46.23	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	4.38	84	107444	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	57167	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.07	84	194958	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.10	67	56553	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.34	98	166458	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	7.64	79	22100	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.11	63	86482	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40891	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	69155	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

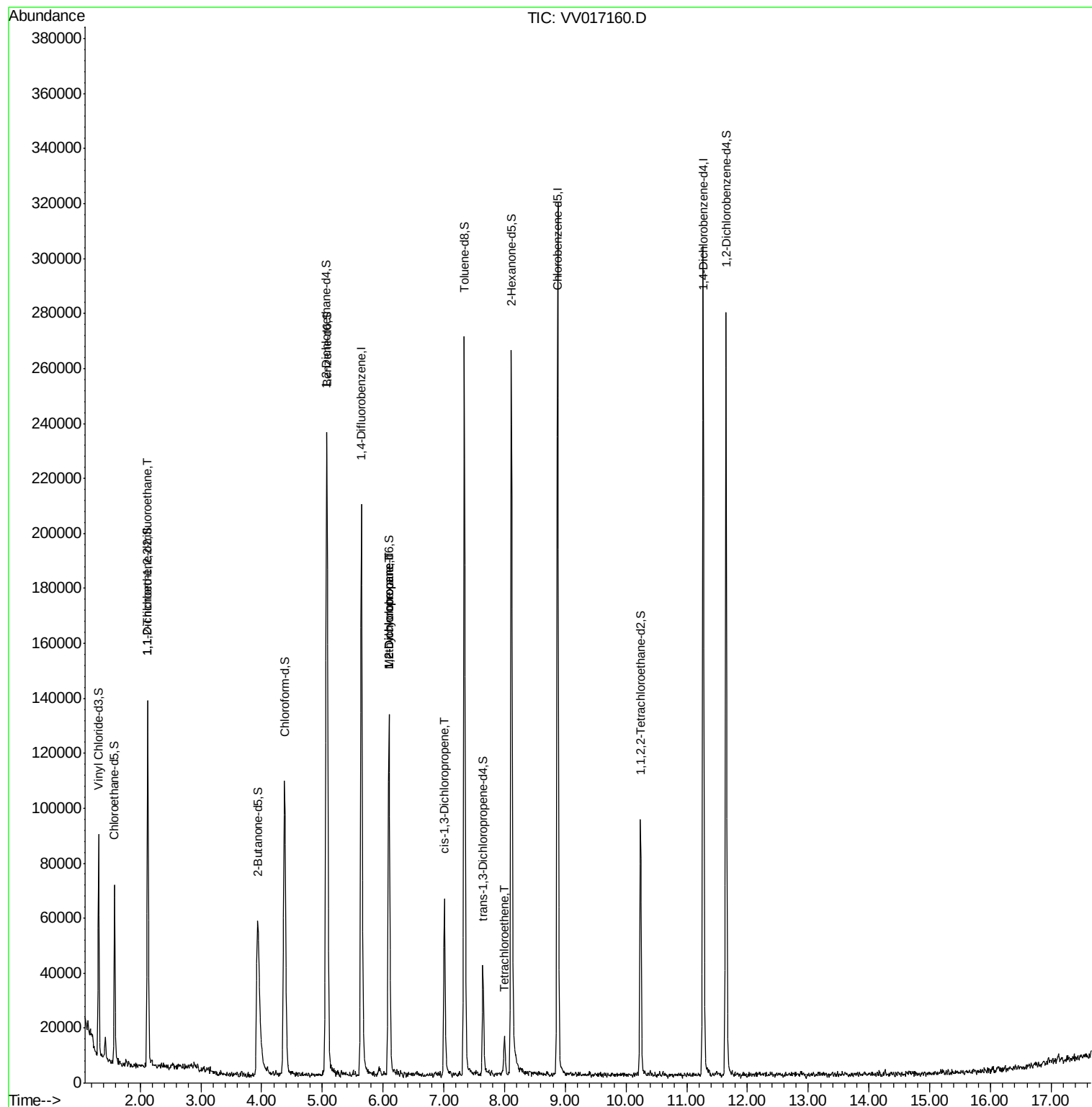
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	908	0.101	ug/L # 20
35) Methylcyclohexane	6.09	83	15283	0.766	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	7702	0.710	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	1812	0.112	ug/L # 73
49) Tetrachloroethene	8.00	164	3089	0.299	ug/L 96

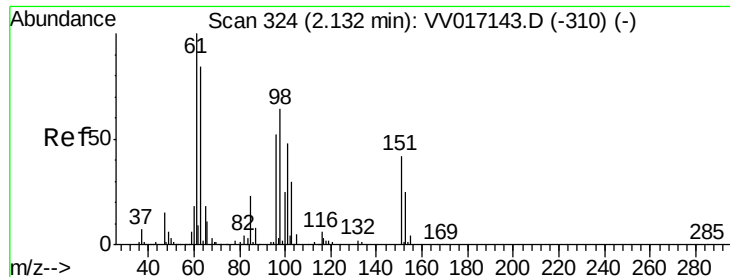
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.101 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017160.D

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MSVOA_V

ClientSampleId :

F9F70

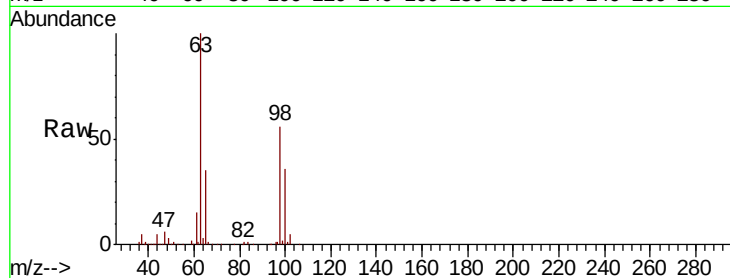
Tot Ion:101 Resp: 908

Ion Ratio Lower Upper

101 100

85 2.3 35.4 53.2#

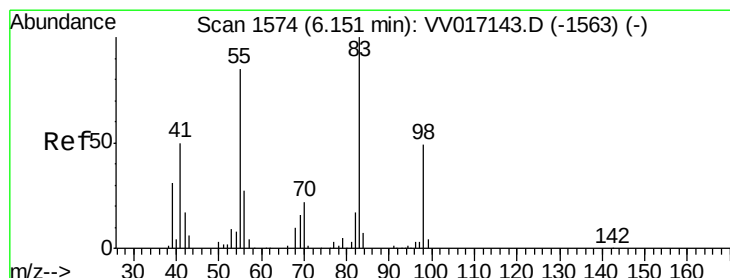
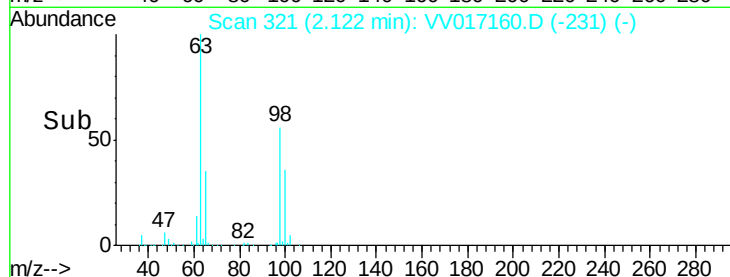
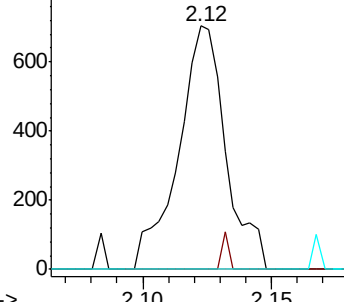
151 2.2 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017160.D

Acq: 26 Jun 2020 05:12

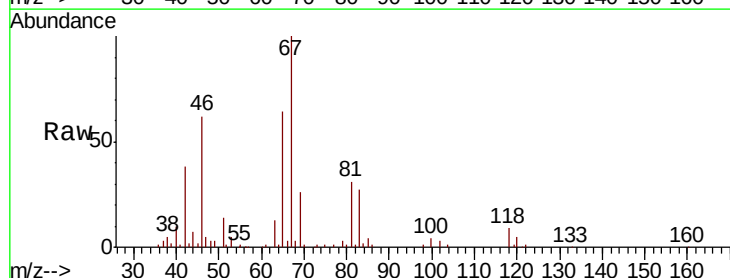
Tgt Ion: 83 Resp: 15283

Ion Ratio Lower Upper

83 100

55 1.0 63.6 95.4#

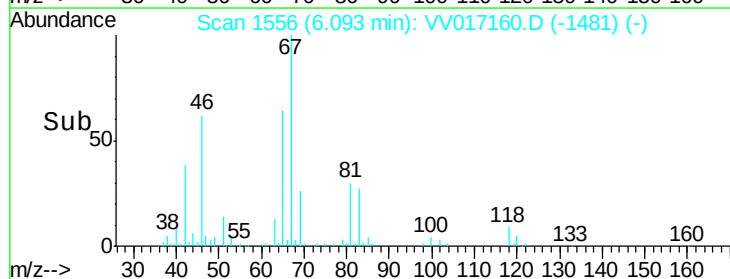
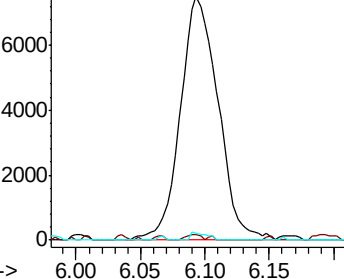
98 1.3 38.8 58.2#

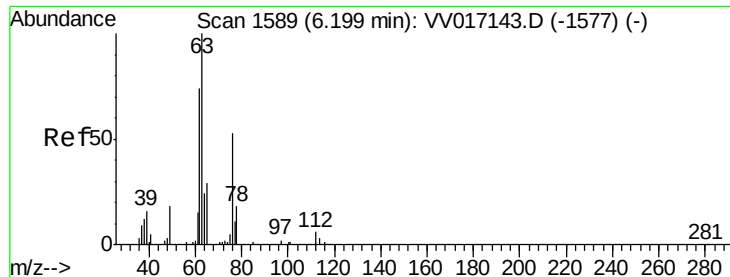


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

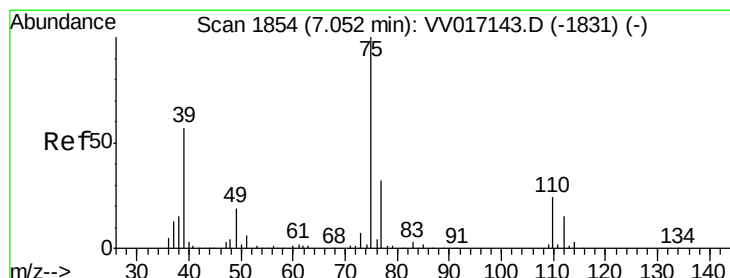
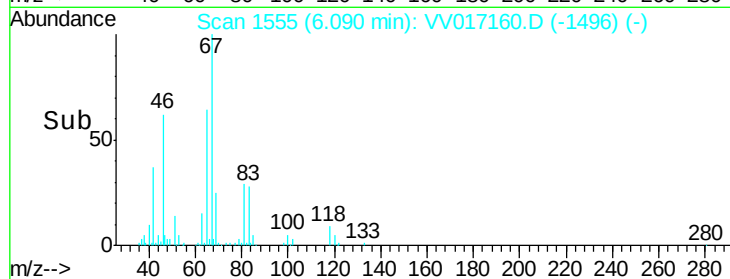
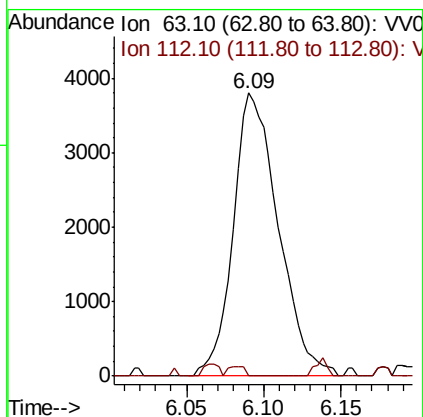
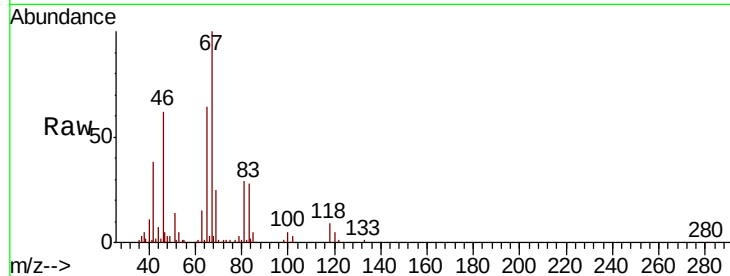




#37
 1,2-Dichloropropane
 Concen: 0.710 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV017160.D
 Acq: 26 Jun 2020 05:12

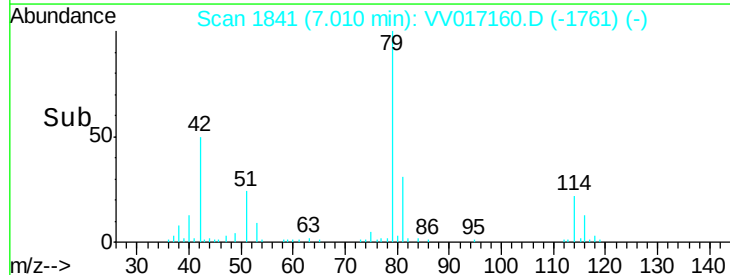
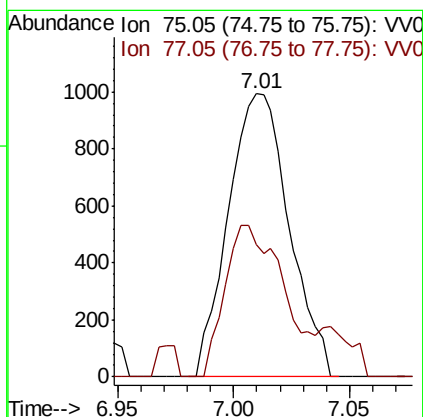
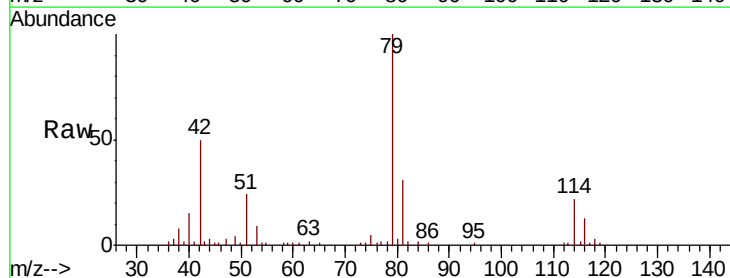
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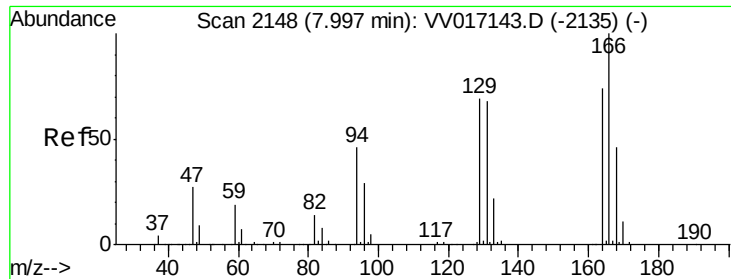
Tot Ion: 63 Resp: 7702
 Ion Ratio Lower Upper
 63 100
 112 1.2 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017160.D
 Acq: 26 Jun 2020 05:12

Tgt Ion: 75 Resp: 1812
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.3 41.5#





#49

Tetrachloroethene

Concen: 0.299 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017160.D

Acq: 26 Jun 2020 05:12

Instrument :
MSVOA_V
ClientSampleId :
F9F70

Tot Ion:164 Resp: 3089

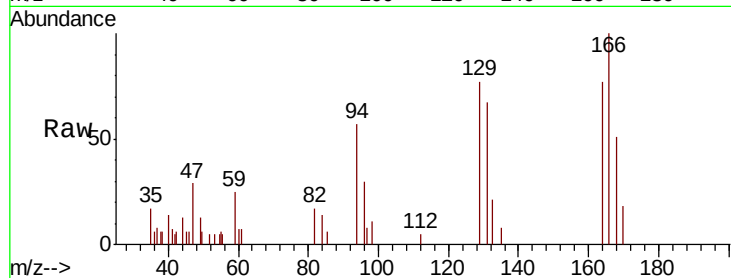
Ion Ratio Lower Upper

164 100

129 100.7 65.2 121.0

131 87.3 64.1 119.1

166 130.3 90.2 167.4



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

