

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010463.D
 Acq On : 24 Apr 2019 15:27
 Operator : SY/MD
 Sample : K2436-10
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA4

Quant Time: Apr 25 03:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	228150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69194	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	54208	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	102976	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.95	46	151826	53.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	4.40	84	142380	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.08	65	73548	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	273472	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	79824	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	258899	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	28509	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.14	63	127073	52.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60675	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	106857	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

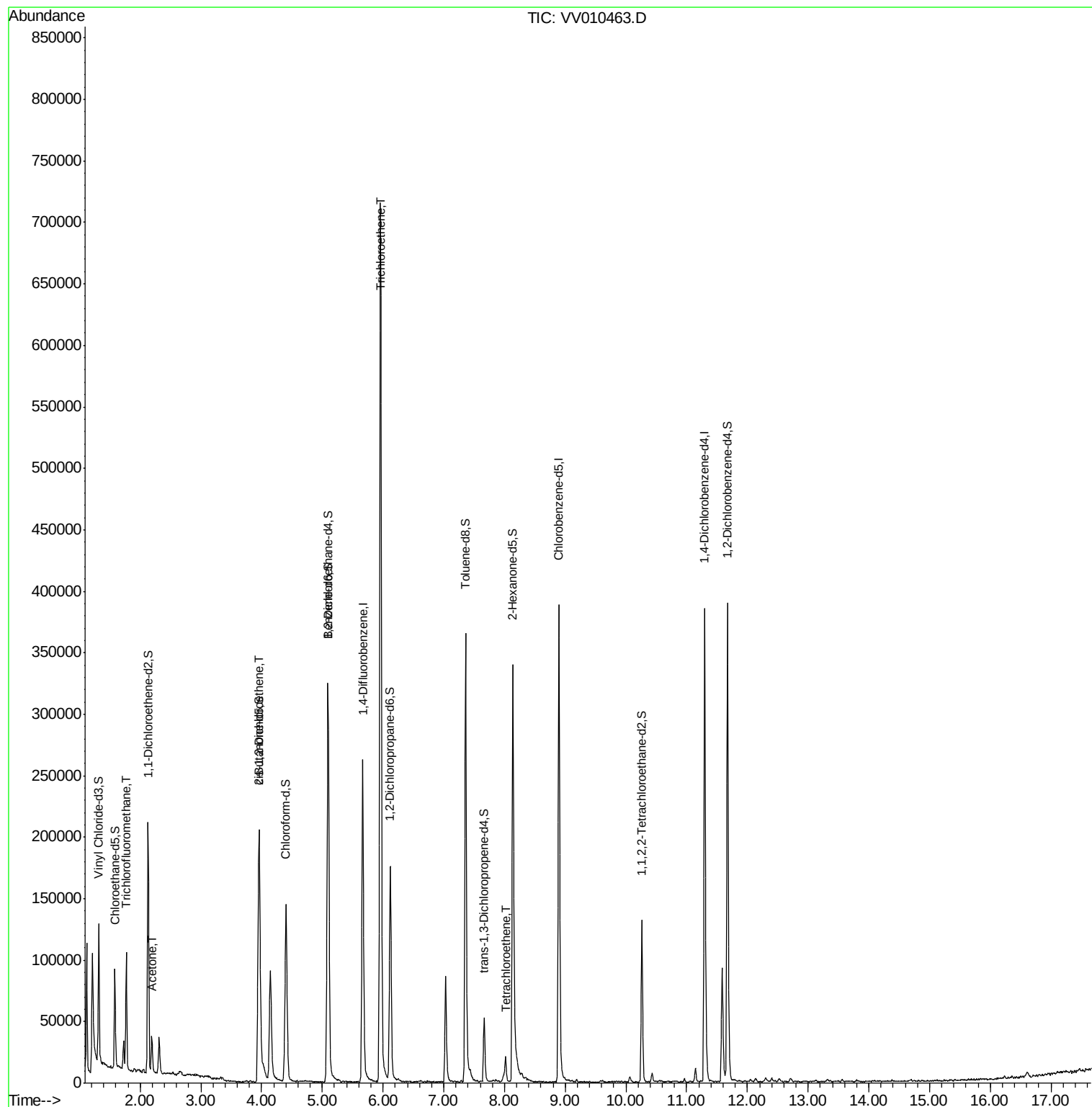
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	53926	1.871	ug/L	97
13) Acetone	2.19	43	27912	16.451	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	68380	4.377	ug/L	99
34) Trichloroethene	5.96	95	244509	14.380	ug/L	95
47) Tetrachloroethene	8.02	164	4543	0.299	ug/L	81

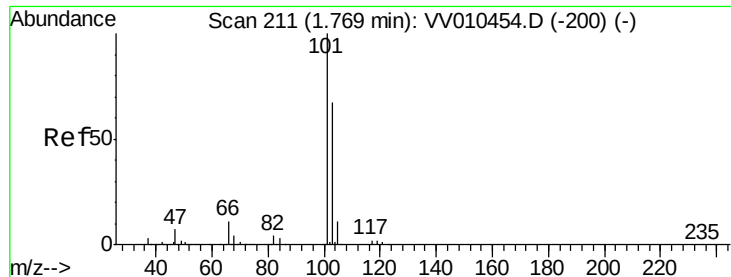
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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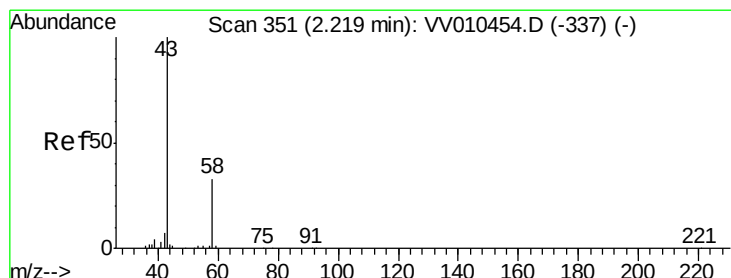
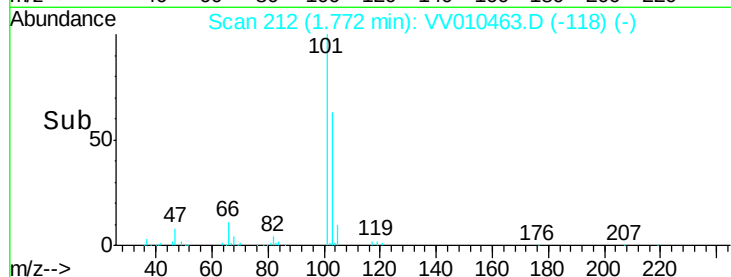
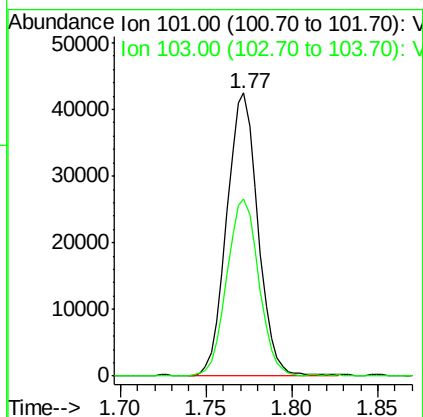
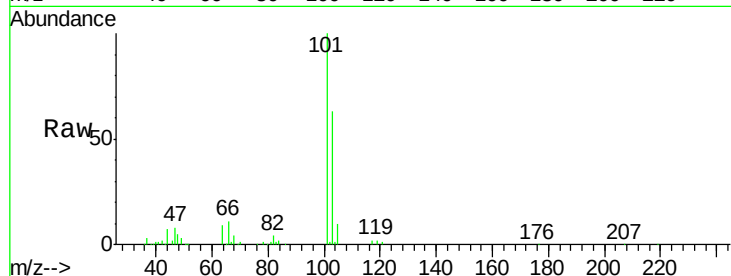


#9

Trichlorofluoromethane
 Concen: 1.871 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV010463.D
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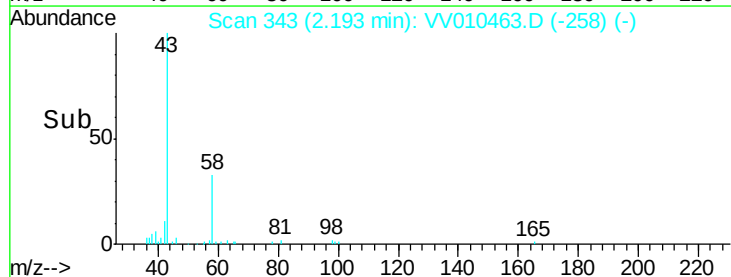
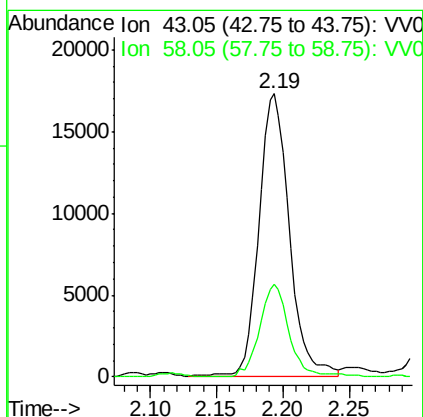
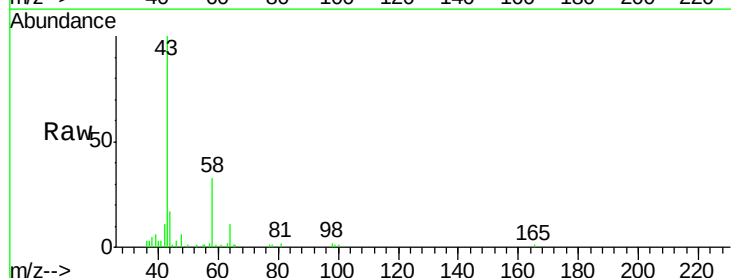
Tot Ion:101 Resp: 53926
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.6 78.8

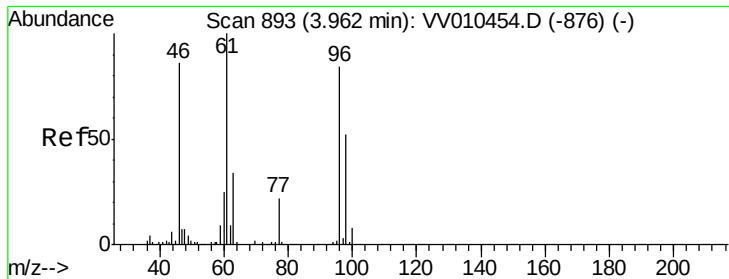


#13

Acetone
 Concen: 16.451 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.03 min
 Lab File: VV010463.D
 Acq: 24 Apr 2019 15:27

Tgt Ion: 43 Resp: 27912
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 59.6



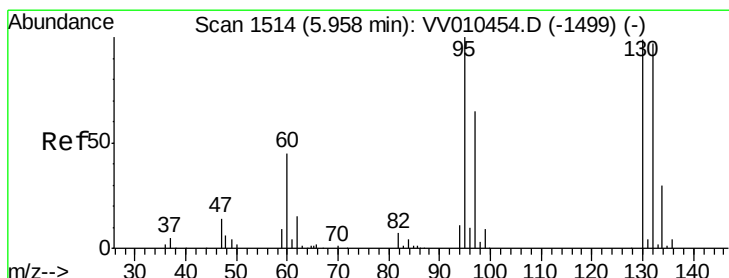
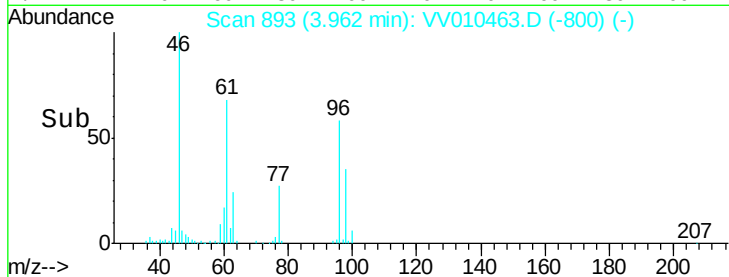
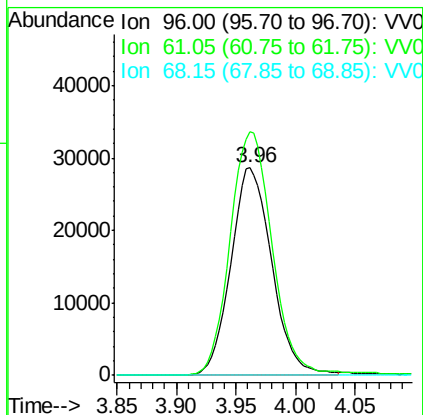
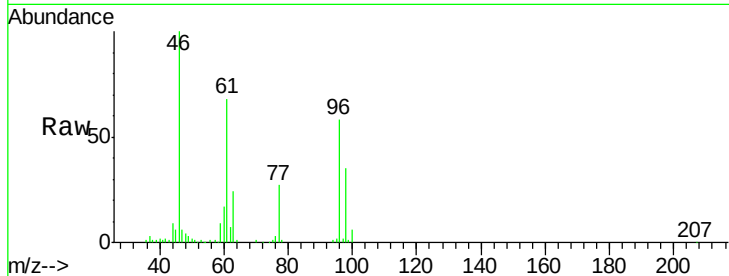


#22

cis-1,2-Dichloroethene
Concen: 4.377 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010463.D
Acq: 24 Apr 2019 15:27

Instrument :
MSVOA_V
ClientSampleId :
C0XA4

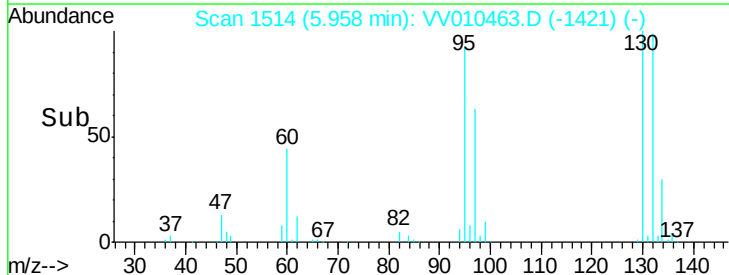
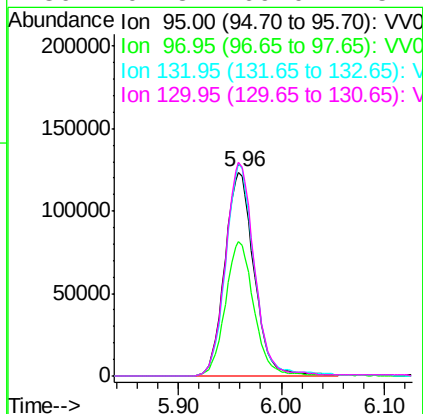
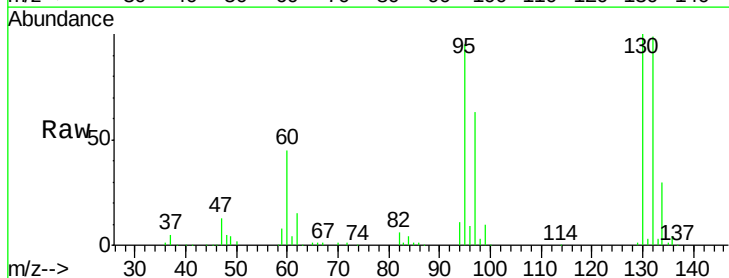
Tot Ion: 96 Resp: 68380
Ion Ratio Lower Upper
96 100
61 117.5 83.2 154.6
68 0.0 0.0 0.0

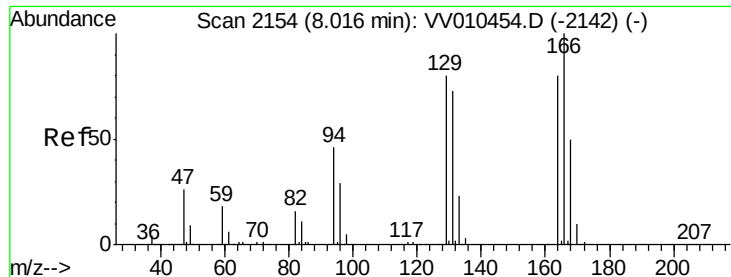


#34

Trichloroethene
Concen: 14.380 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010463.D
Acq: 24 Apr 2019 15:27

Tgt Ion: 95 Resp: 244509
Ion Ratio Lower Upper
95 100
97 66.0 45.6 84.6
132 104.0 67.8 126.0
130 104.8 69.0 128.2





#47

Tetrachloroethene

Concen: 0.299 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV010463.D

Acq: 24 Apr 2019 15:27

Instrument :
MSVOA_V
ClientSampleId :
C0XA4

Tot Ion:164 Resp: 4543

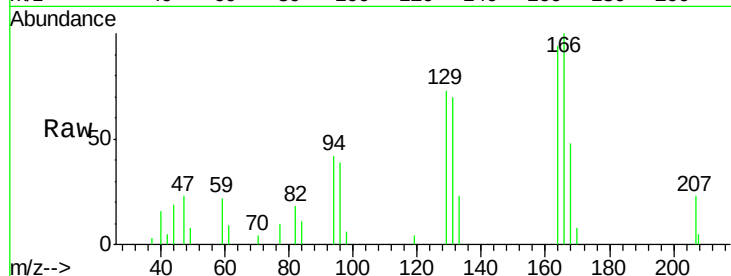
Ion Ratio Lower Upper

164 100

129 77.3 69.7 129.4

131 74.0 63.8 118.6

166 106.3 87.4 162.2



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

