

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015919.D
 Acq On : 06 May 2020 18:50
 Operator : SY/MD
 Sample : L2527-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSJ5

Quant Time: May 07 04:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157298	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	71414	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43274	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	38828	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	65575	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.93	46	121661	48.51	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.02%
24) Chloroform-d	4.38	84	85939	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	52738	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	179006	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	55960	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	162361	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.65	79	18939	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.11	63	89799	44.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37759	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	60007	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

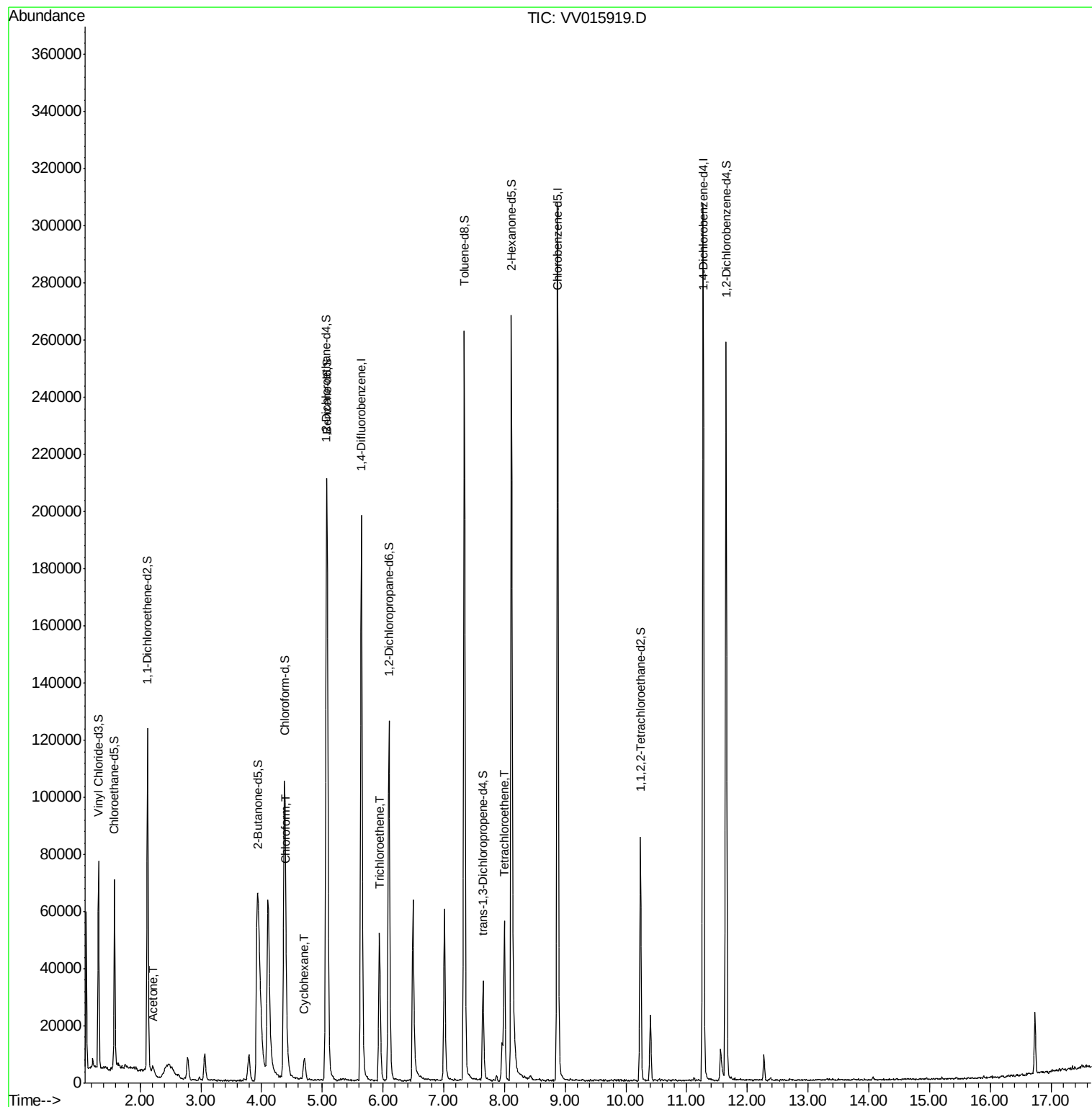
					Ovalue
13) Acetone	2.22	43	7431	4.812	ug/L 92
25) Chloroform	4.41	83	10484	0.509	ug/L 95
30) Cyclohexane	4.70	56	3962	0.223	ug/L 93
34) Trichloroethene	5.94	95	17853	1.643	ug/L 94
47) Tetrachloroethene	8.00	164	11484	1.417	ug/L 98

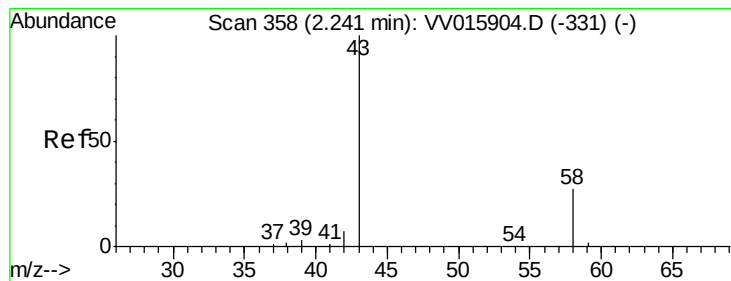
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.812 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.03 min

Lab File: VV015919.D

Acq: 06 May 2020 18:50

Instrument :

MSVOA_V

ClientSampled :

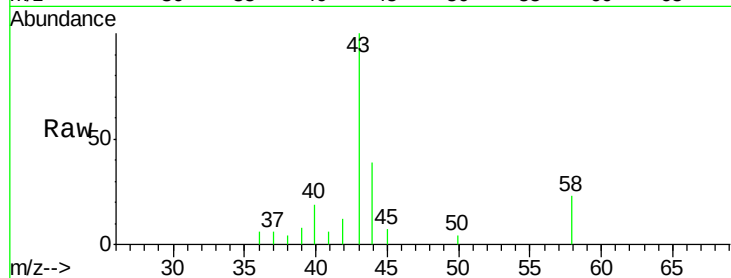
BFSJ5

Tot Ion: 43 Resp: 7431

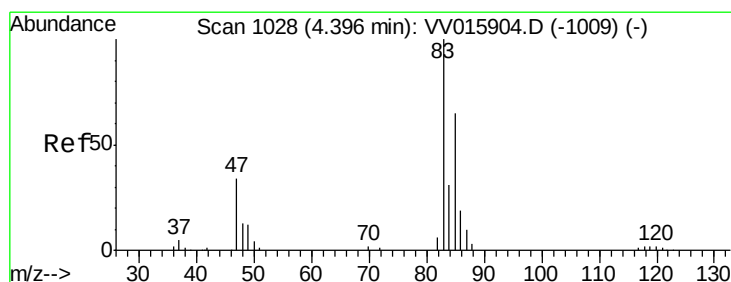
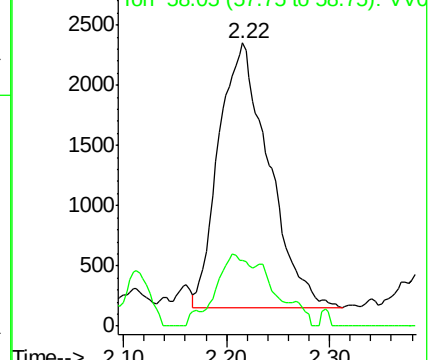
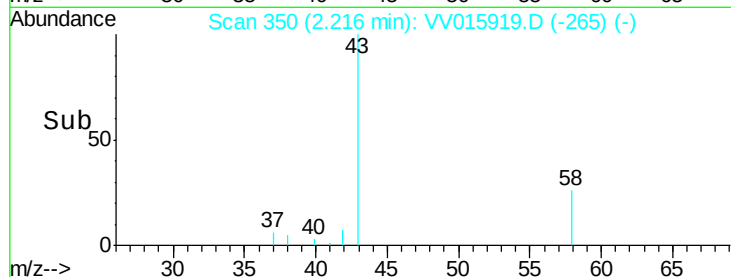
Ion Ratio Lower Upper

43 100

58 18.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015919.D (-265) (-)



#25

Chloroform

Concen: 0.509 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015919.D

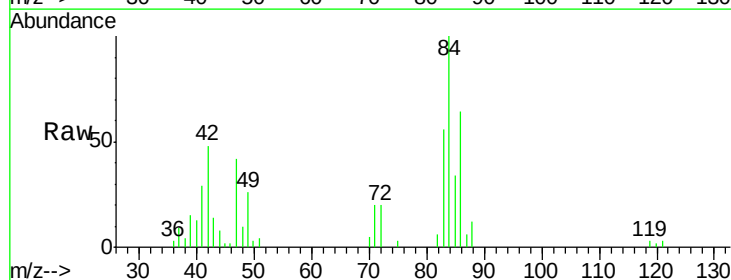
Acq: 06 May 2020 18:50

Tgt Ion: 83 Resp: 10484

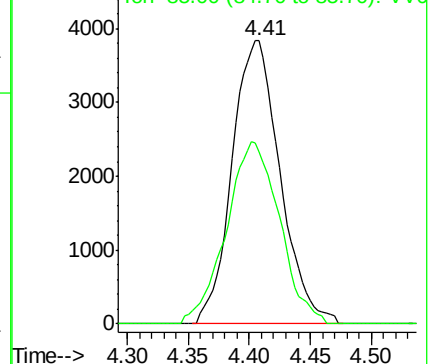
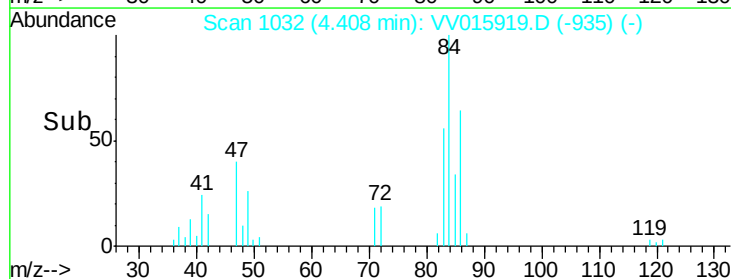
Ion Ratio Lower Upper

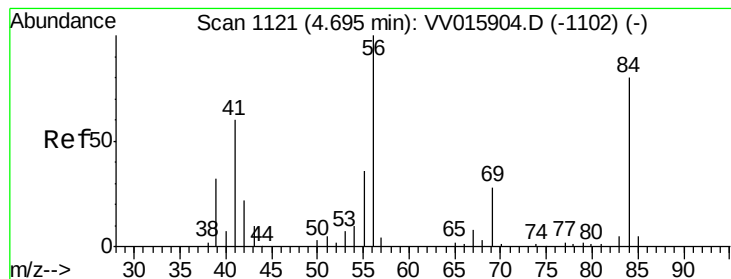
83 100

85 61.0 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015919.D (-935) (-)





#30

Cyclohexane

Concen: 0.223 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VV015919.D

Acq: 06 May 2020 18:50

Instrument :

MSVOA_V

ClientSampleId :

BFSJ5

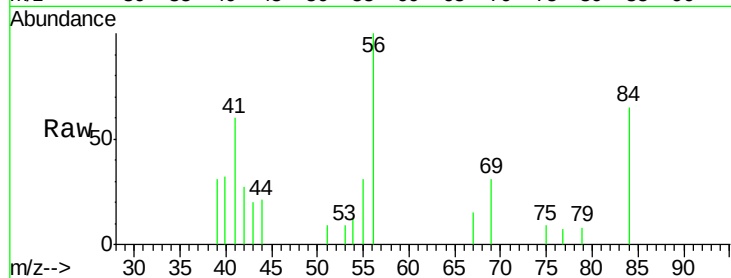
Tot Ion: 56 Resp: 3962

Ion Ratio Lower Upper

56 100

69 28.9 24.2 36.2

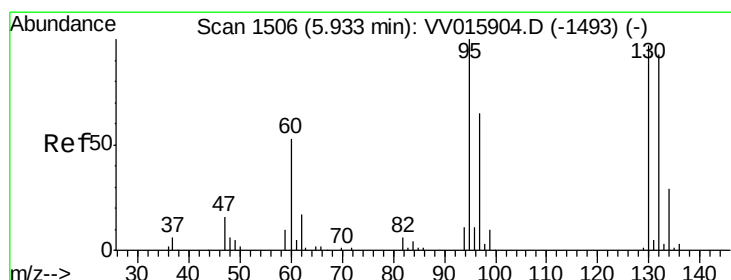
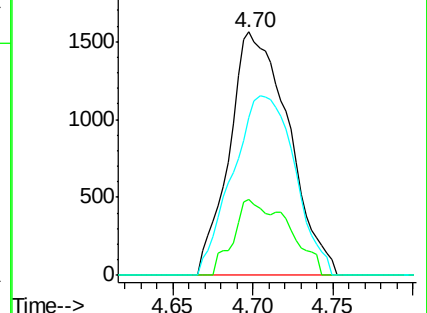
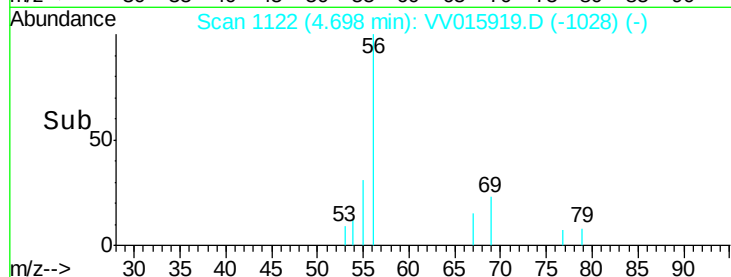
84 77.5 68.3 102.5



Abundance Ion 56.10 (55.80 to 56.80): VV015919.D (-1102) (-)

Ion 69.15 (68.85 to 69.85): VV015919.D (-1102) (-)

Ion 84.15 (83.85 to 84.85): VV015919.D (-1102) (-)



#34

Trichloroethene

Concen: 1.643 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015919.D

Acq: 06 May 2020 18:50

Tgt Ion: 95 Resp: 17853

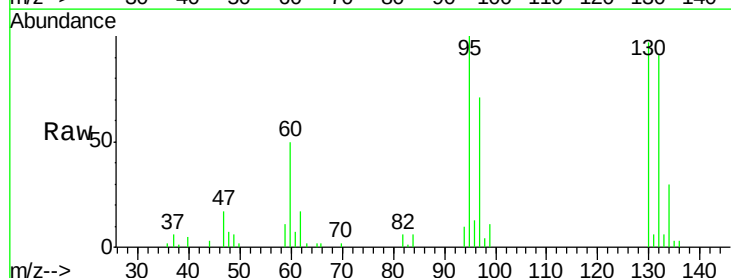
Ion Ratio Lower Upper

95 100

97 70.6 43.3 80.5

132 91.0 60.3 112.1

130 96.6 66.0 122.6

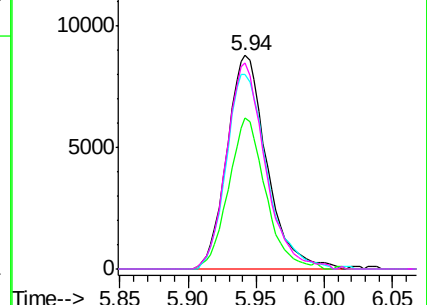
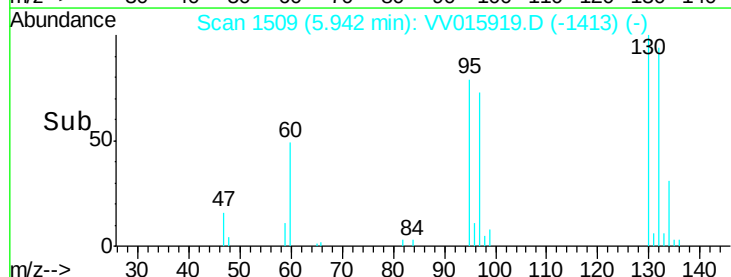


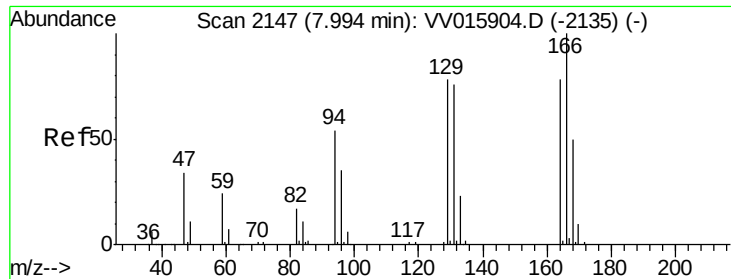
Abundance Ion 95.00 (94.70 to 95.70): VV015919.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV015919.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV015919.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV015919.D (-1493) (-)





#47

Tetrachloroethene

Concen: 1.417 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015919.D

Acq: 06 May 2020 18:50

Instrument :

MSVOA_V

ClientSampleId :

BFSJ5

Tot Ion:164 Resp: 11484

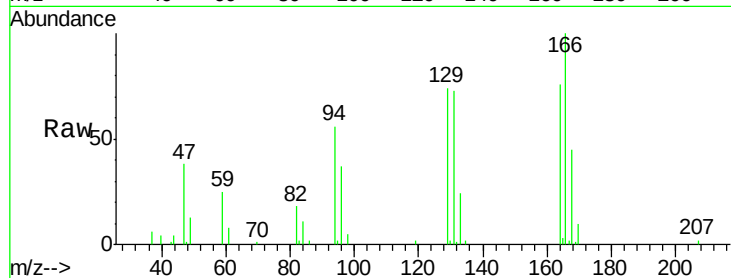
Ion Ratio Lower Upper

164 100

129 96.7 69.7 129.4

131 95.4 66.8 124.2

166 131.4 89.1 165.5



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

