

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041473.D
 Acq On : 04 Dec 2020 16:14
 Operator : SY/MD
 Sample : L4944-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP9

Quant Time: Dec 05 06:48:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	48408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25961	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12075	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.92	69	11581	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	23212	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.66	46	50375	49.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	5.08	84	36726	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	24797	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	56082	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	15989	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.90	98	53071	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	10210	5.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.20%
46) 2-Hexanone-d5	8.64	63	41562	53.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17547	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	22601	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

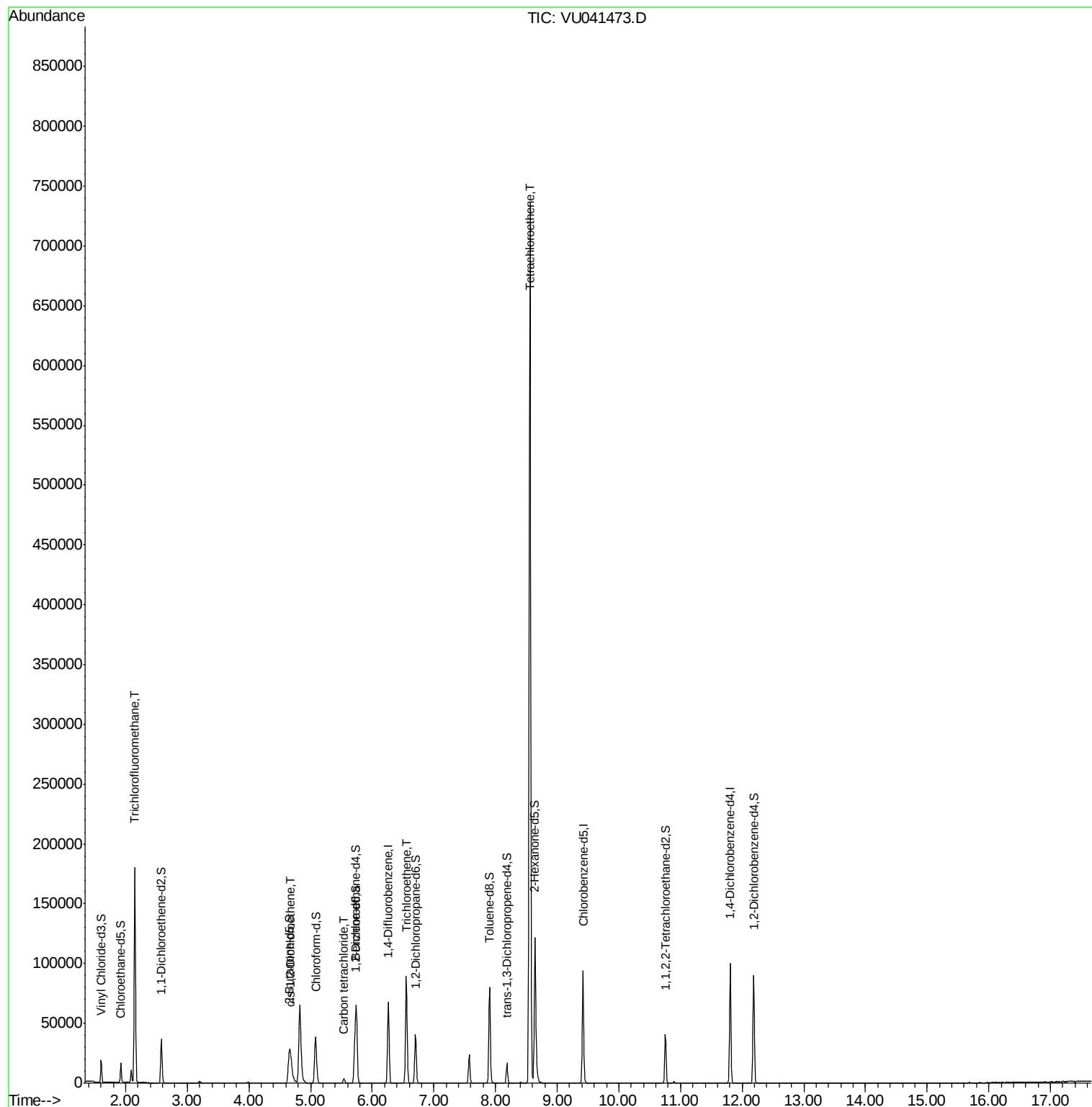
					Ovalue
9) Trichlorofluoromethane	2.15	101	117206	14.519 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	2354	0.676 ug/L	99
31) Carbon tetrachloride	5.54	117	2409	0.375 ug/L	89
34) Trichloroethene	6.55	95	29838	8.251 ug/L	97
47) Tetrachloroethene	8.56	164	152401	53.356 ug/L	98

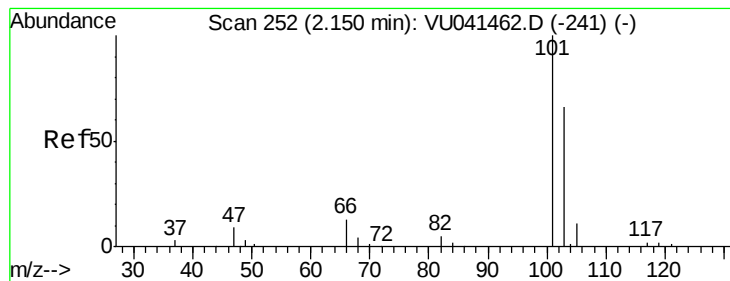
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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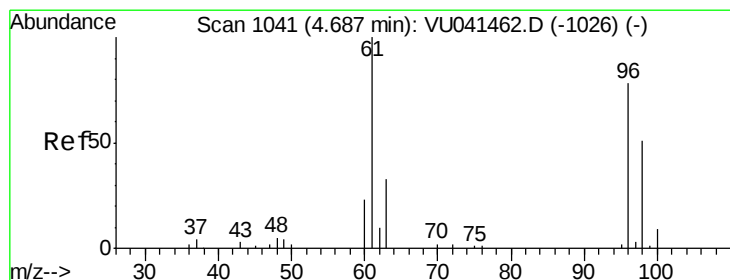
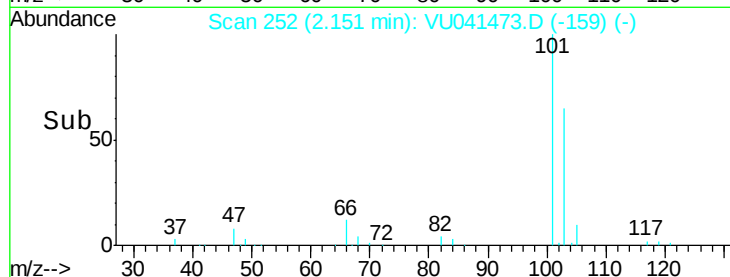
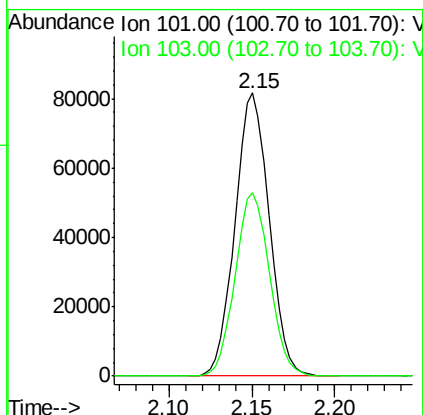
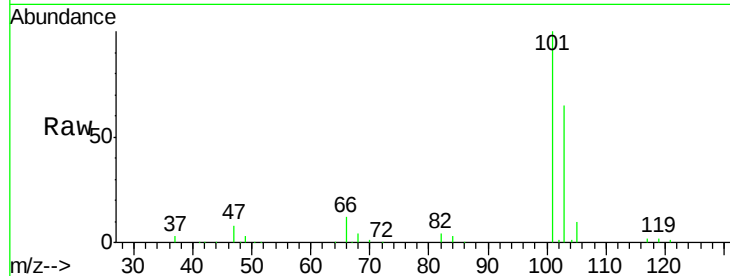


#9

Trichlorofluoromethane
 Concen: 14.519 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU041473.D
 Acq: 04 Dec 2020 16:14

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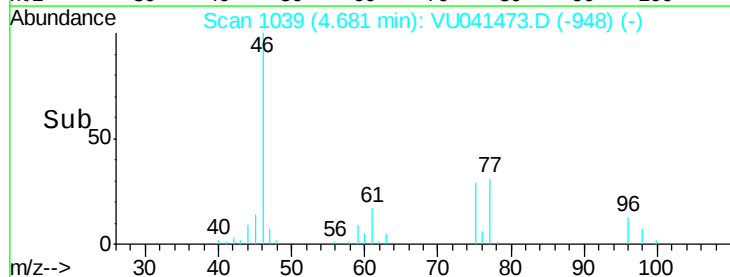
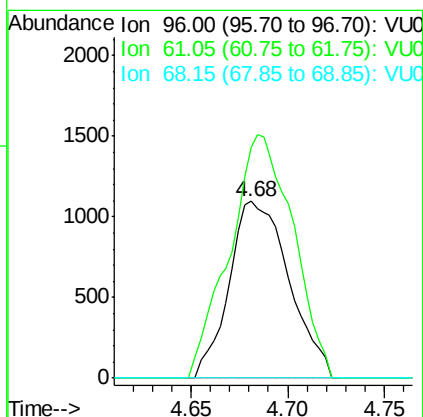
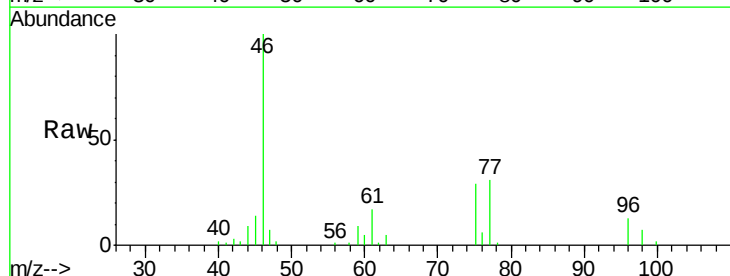
Tot Ion:101 Resp: 117206
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

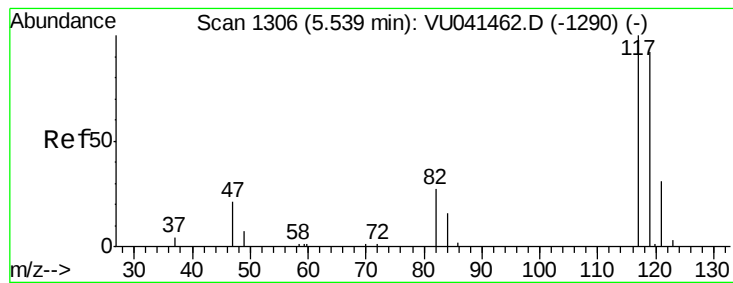


#22

cis-1,2-Dichloroethene
 Concen: 0.676 ug/L
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: VU041473.D
 Acq: 04 Dec 2020 16:14

Tgt Ion: 96 Resp: 2354
 Ion Ratio Lower Upper
 96 100
 61 130.1 90.5 168.1
 68 0.0 0.0 0.0





#31

Carbon tetrachloride

Concen: 0.375 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU041473.D

Acq: 04 Dec 2020 16:14

Instrument :

MSVOA_U

ClientSampleId :

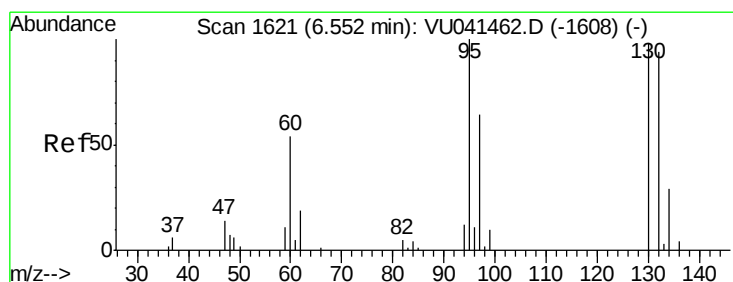
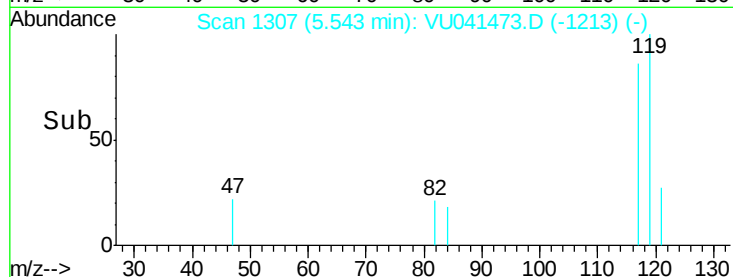
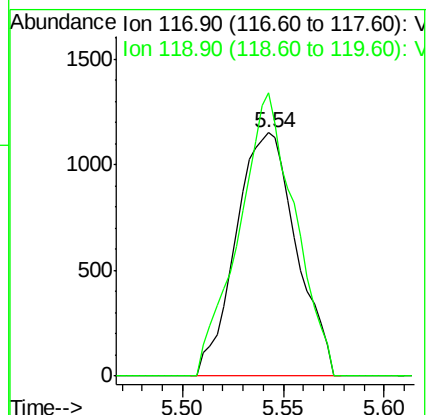
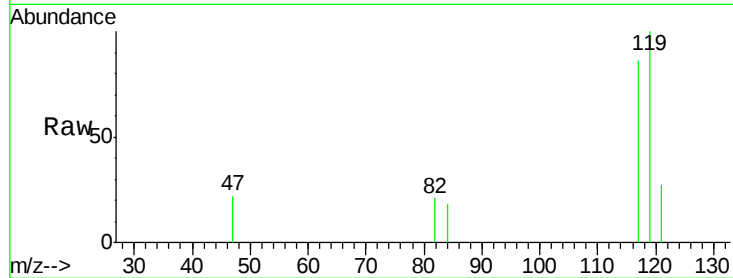
C0AP9

Tot Ion:117 Resp: 2409

Ion Ratio Lower Upper

117 100

119 107.6 77.2 115.8



#34

Trichloroethene

Concen: 8.251 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041473.D

Acq: 04 Dec 2020 16:14

Tgt Ion: 95 Resp: 29838

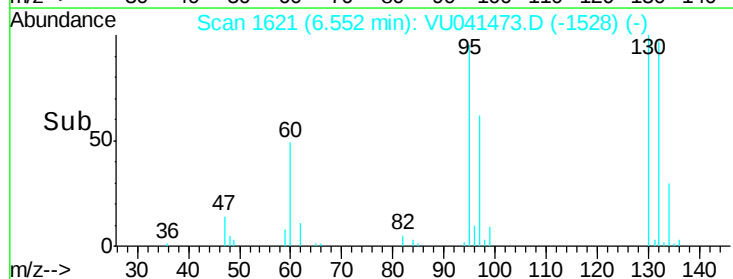
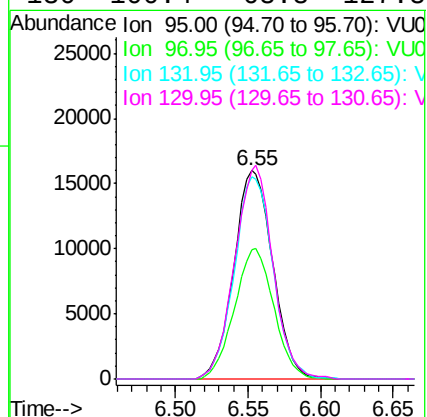
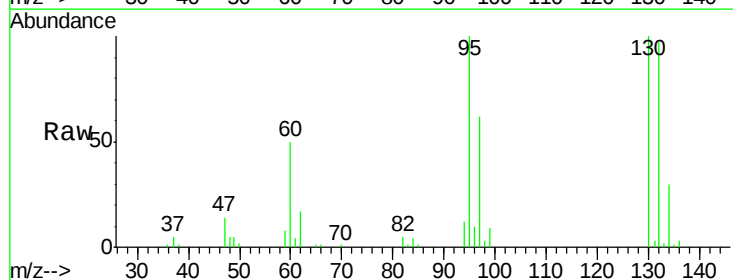
Ion Ratio Lower Upper

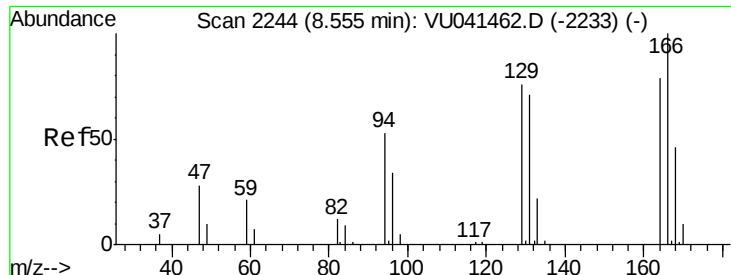
95 100

97 62.1 44.7 83.1

132 96.9 65.7 121.9

130 100.4 68.8 127.8





#47

Tetrachloroethene

Concen: 53.356 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041473.D

Acq: 04 Dec 2020 16:14

Instrument :

MSVOA_U

ClientSampleId :

C0AP9

Tot Ion:164 Resp: 152401

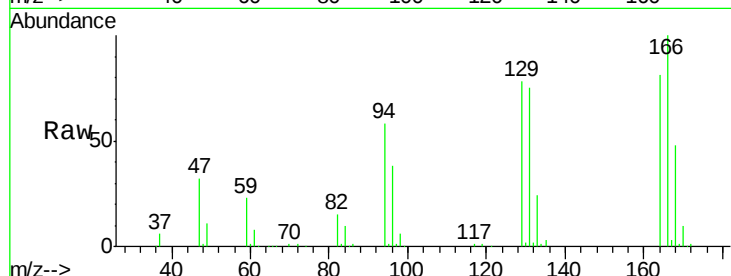
Ion Ratio Lower Upper

164 100

129 95.9 67.1 124.7

131 92.2 63.3 117.7

166 123.6 88.8 164.8



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

