

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092719\
 Data File : VU034860.D
 Acq On : 26 Sep 2019 22:28
 Operator : JC/SP
 Sample : K5044-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK39

Quant Time: Sep 27 07:02:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 27 05:10:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	88582	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	84986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	38939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32307	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.68	69	27518	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.26	63	48307	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.17	46	92752	53.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.62	84	47958	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.29	65	28015	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.32	84	101169	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	35292	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.54	98	98549	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.83	79	11851	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.30	63	67065	48.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	27154	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	32649	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

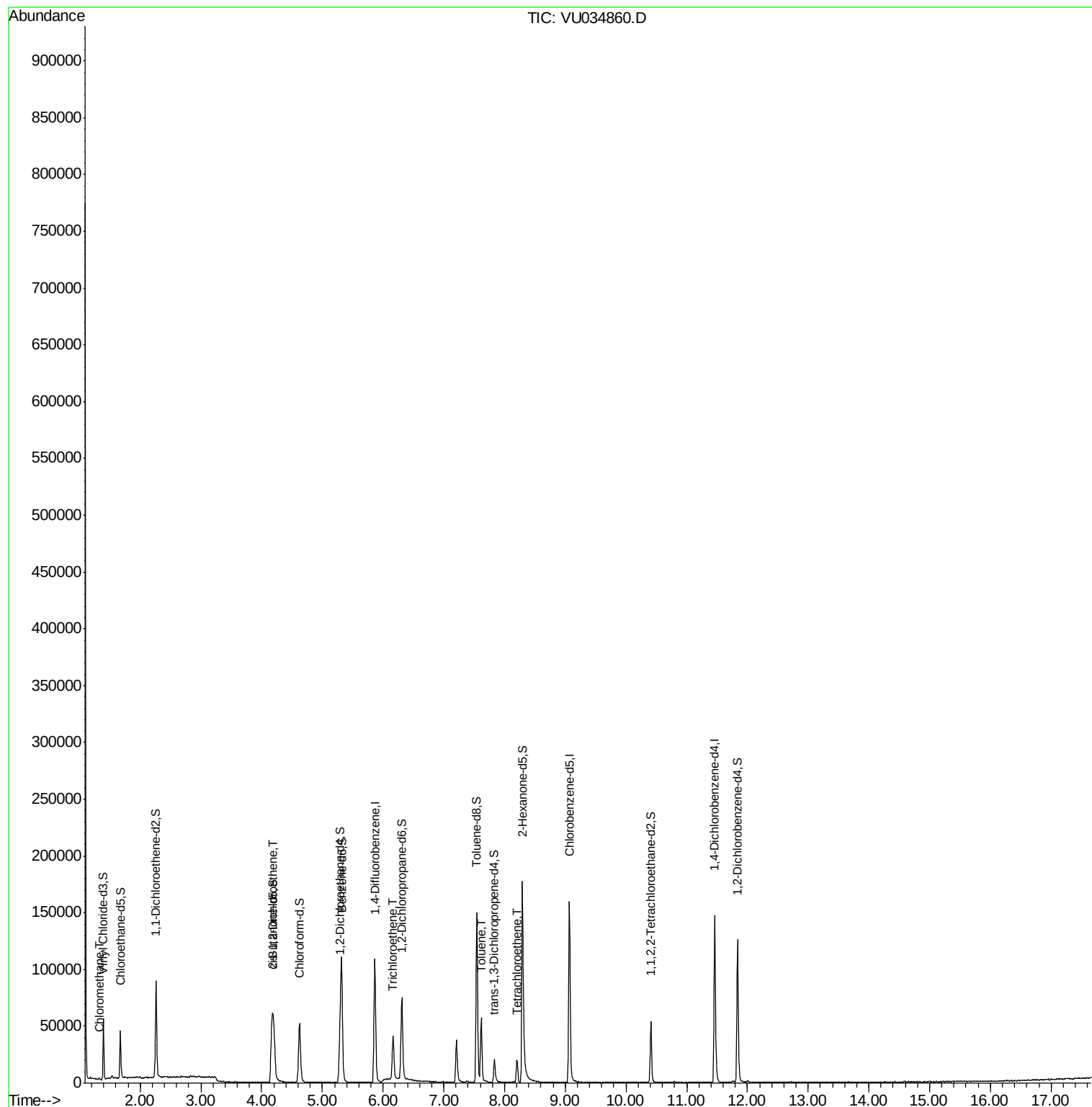
					Ovalue
3) Chloromethane	1.32	50	1911	0.302	ug/L 92
22) cis-1,2-Dichloroethene	4.20	96	21490	3.539	ug/L 100
34) Trichloroethene	6.16	95	12750	2.226	ug/L 95
42) Toluene	7.62	91	41459	1.670	ug/L 97
47) Tetrachloroethene	8.21	164	4141	1.193	ug/L 98

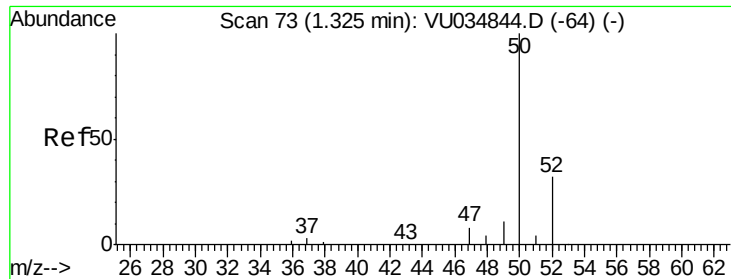
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.302 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

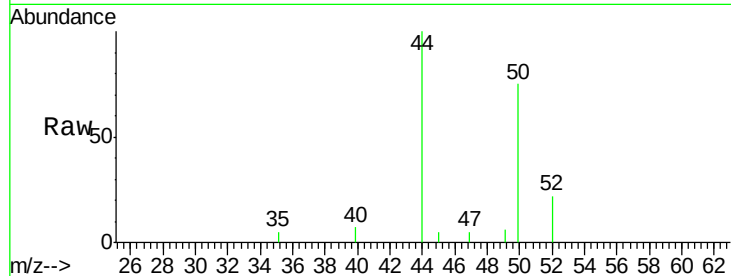
CWK39

Tot Ion: 50 Resp: 1911

Ion Ratio Lower Upper

50 100

52 29.2 23.9 44.3



Abundance Ion 50.05 (49.75 to 50.75): VU034860.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU034860.D (-1) (-)

1.32

1500

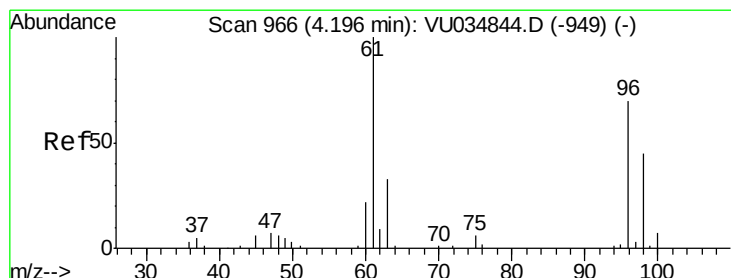
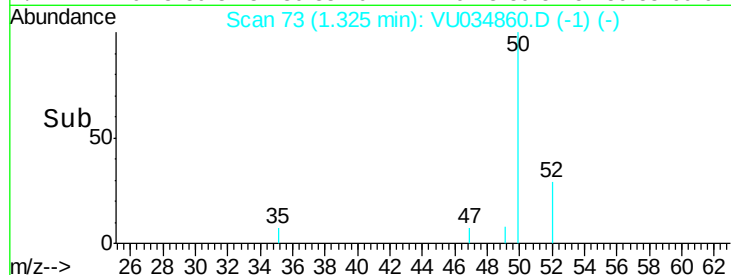
1000

500

0

Time-->

1.30 1.32 1.34 1.36



#22

cis-1,2-Dichloroethene

Concen: 3.539 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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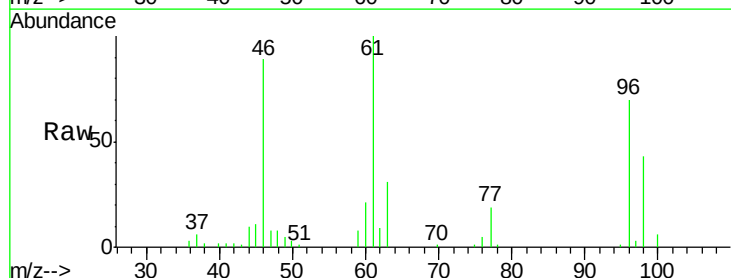
Tgt Ion: 96 Resp: 21490

Ion Ratio Lower Upper

96 100

61 143.1 100.0 185.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034860.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU034860.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU034860.D (-873) (-)

15000

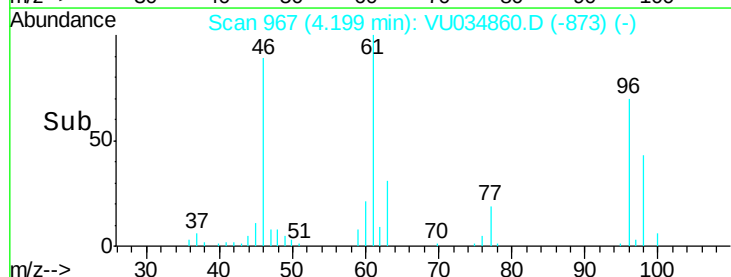
10000

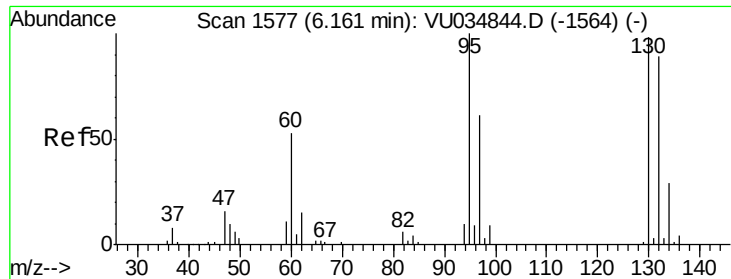
5000

0

Time-->

4.10 4.20 4.30





#34

Trichloroethene

Concen: 2.226 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034860.D

Acq: 26 Sep 2019 22:28

Instrument :

MSVOA_U

ClientSampleId :

CWK39

Tot Ion: 95 Resp: 12750

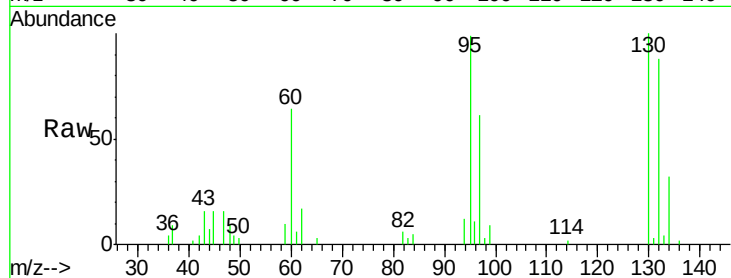
Ion Ratio Lower Upper

95 100

97 61.7 45.2 84.0

132 88.7 60.9 113.1

130 101.3 64.3 119.3

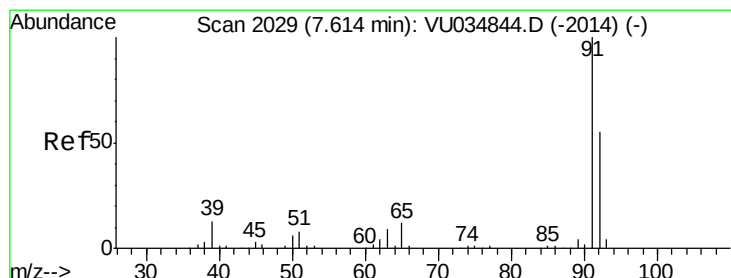
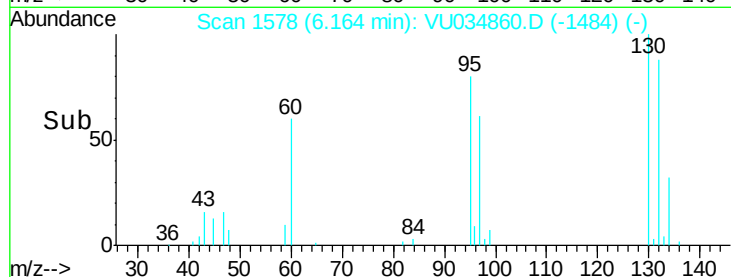
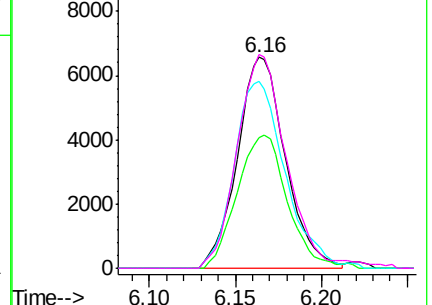


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 1.670 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034860.D

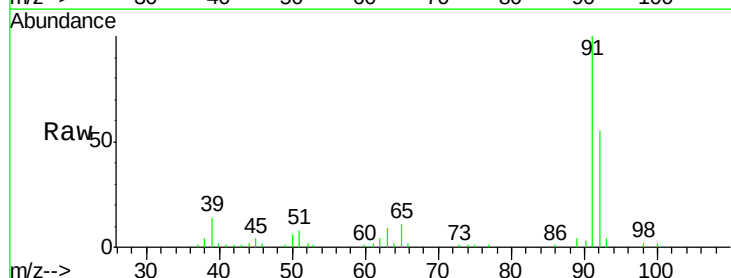
Acq: 26 Sep 2019 22:28

Tgt Ion: 91 Resp: 41459

Ion Ratio Lower Upper

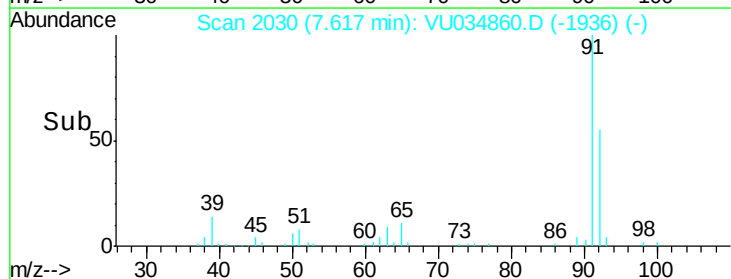
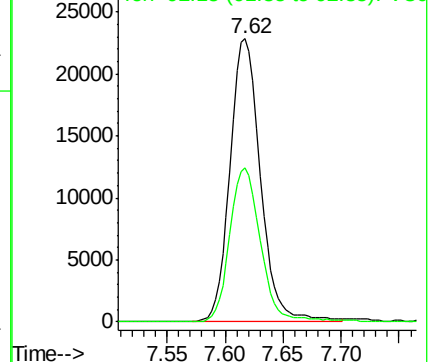
91 100

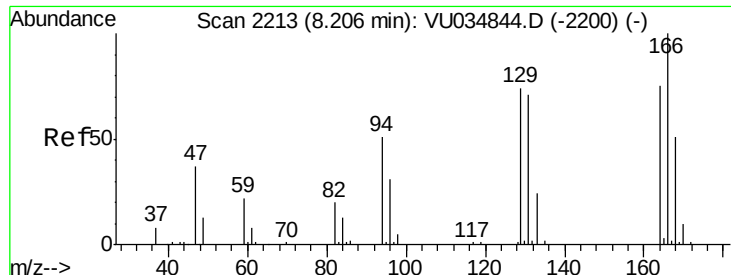
92 54.6 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 1.193 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034860.D

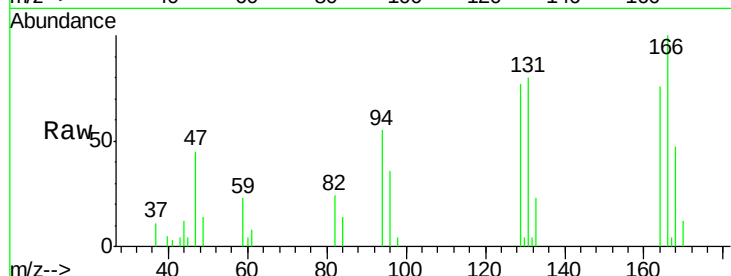
Acq: 26 Sep 2019 22:28

Instrument :

MSVOA_U

ClientSampleId :

CWK39



Tot Ion:164 Resp: 4141

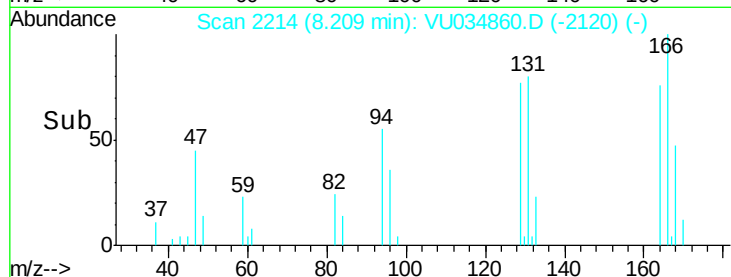
Ion Ratio Lower Upper

164 100

129 101.0 73.6 136.8

131 105.2 73.4 136.4

166 131.4 90.6 168.3



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

