

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038476.D
 Acq On : 01 Jun 2020 17:14
 Operator : JC/MD
 Sample : L2789-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX91

Quant Time: Jun 02 07:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76335	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	72363	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	122073	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.68	46	346058	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	5.10	84	187565	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	113229	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	366066	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	119657	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.92	98	306851	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.20	79	46894	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.65	63	296746	62.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104513	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	127493	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

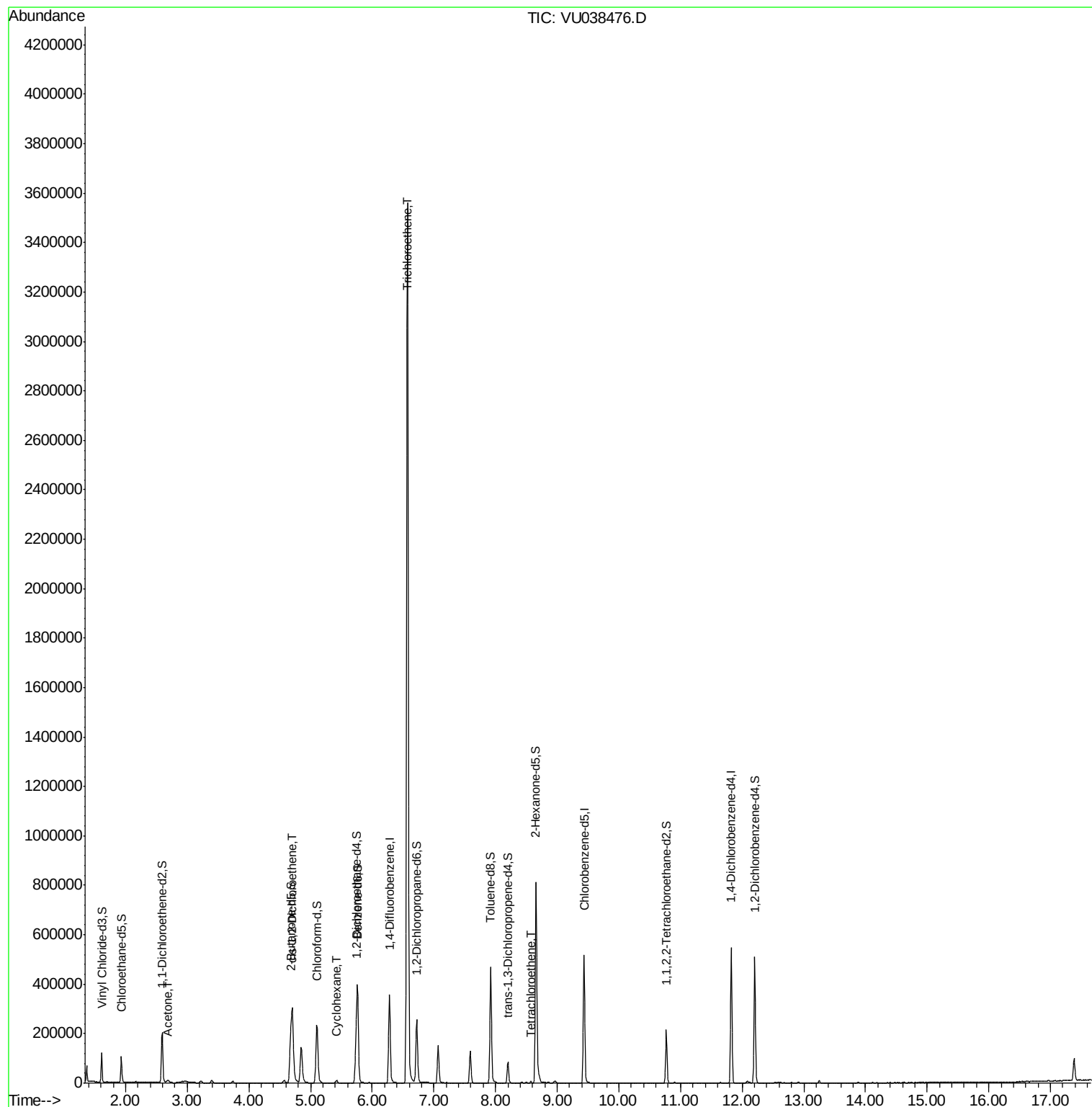
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	18352	4.795	ug/L	87
22) cis-1,2-Dichloroethene	4.71	96	105468	4.962	ug/L	95
30) Cyclohexane	5.42	56	4602	0.142	ug/L	98
34) Trichloroethene	6.57	95	1226073	58.058	ug/L	98
47) Tetrachloroethene	8.57	164	1418	0.092	ug/L	83

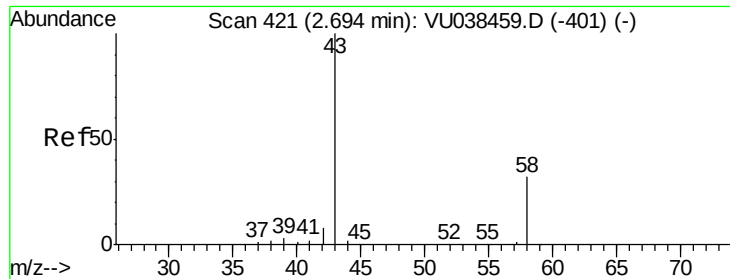
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.795 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

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Acq: 01 Jun 2020 17:14

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MSVOA_U

ClientSampleId :

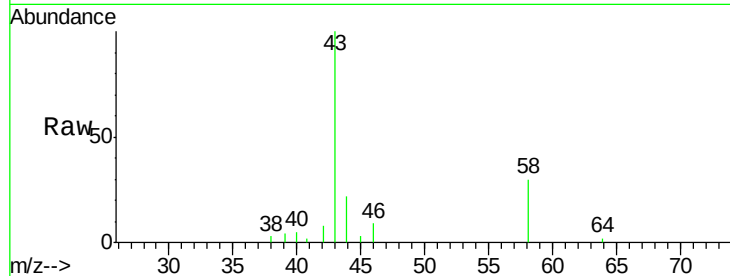
BFX91

Tot Ion: 43 Resp: 18352

Ion Ratio Lower Upper

43 100

58 25.5 0.0 65.6



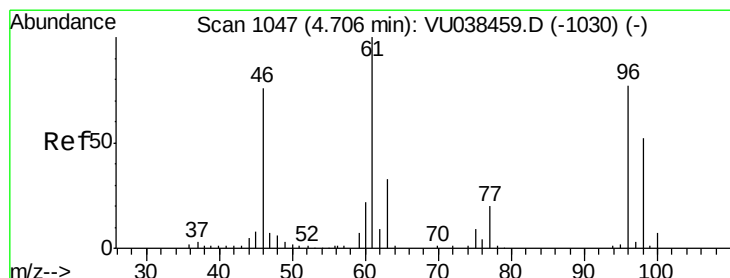
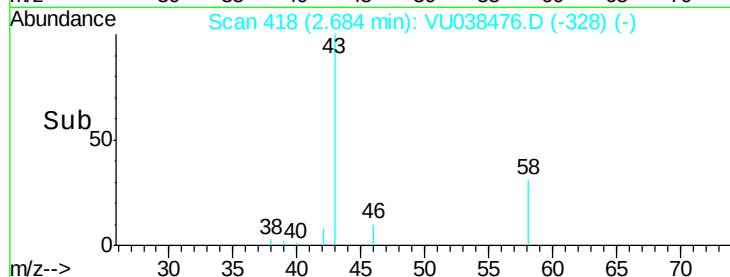
Abundance Ion 43.05 (42.75 to 43.75): VU038476.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU038476.D (-328) (-)

2.68

Time-->

2.60 2.70 2.80



#22

cis-1,2-Dichloroethene

Concen: 4.962 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038476.D

Acq: 01 Jun 2020 17:14

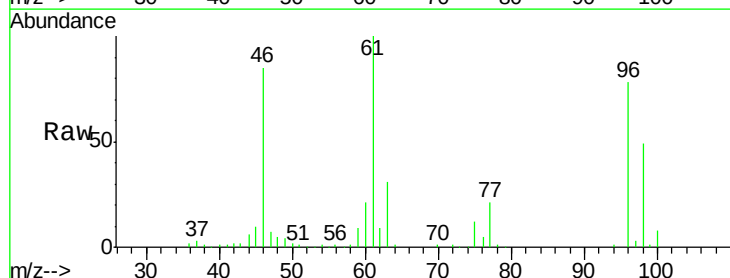
Tgt Ion: 96 Resp: 105468

Ion Ratio Lower Upper

96 100

61 128.9 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038476.D (-954) (-)

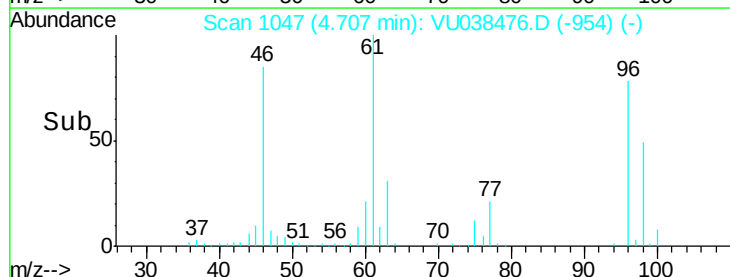
Ion 61.05 (60.75 to 61.75): VU038476.D (-954) (-)

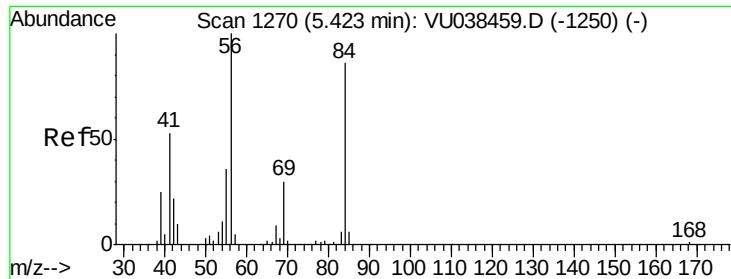
Ion 68.15 (67.85 to 68.85): VU038476.D (-954) (-)

4.71

Time-->

4.60 4.65 4.70 4.75 4.80

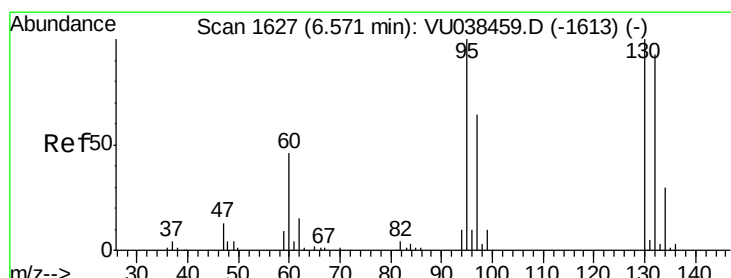
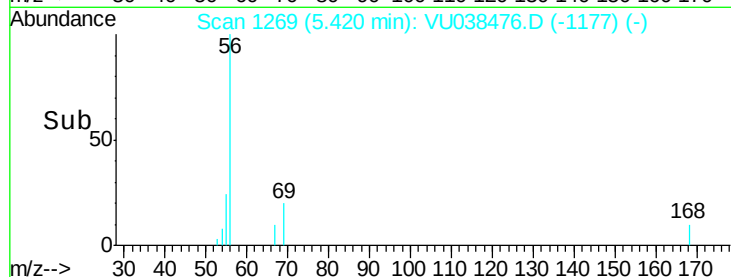
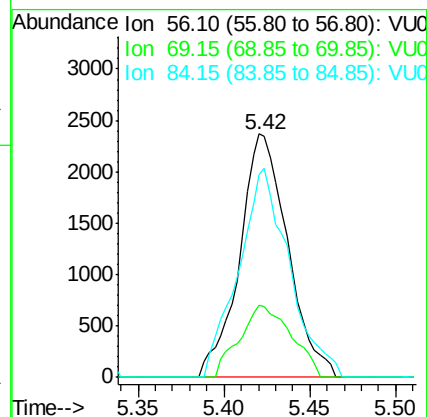
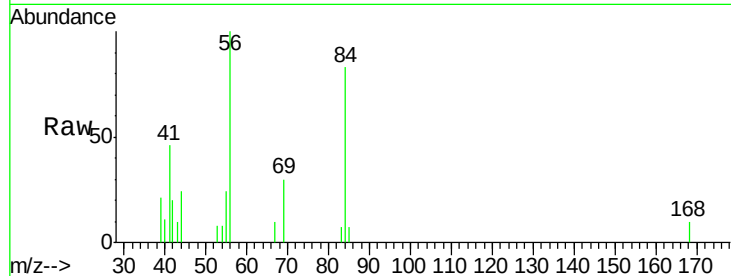




#30
Cyclohexane
Concen: 0.142 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038476.D
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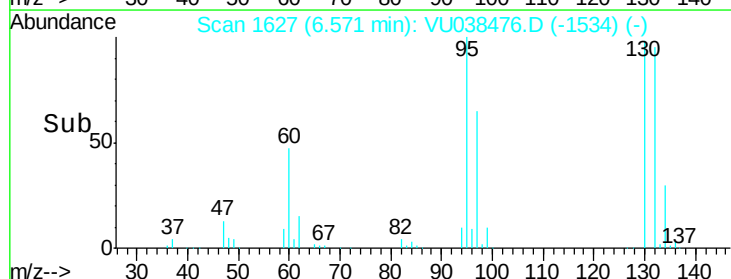
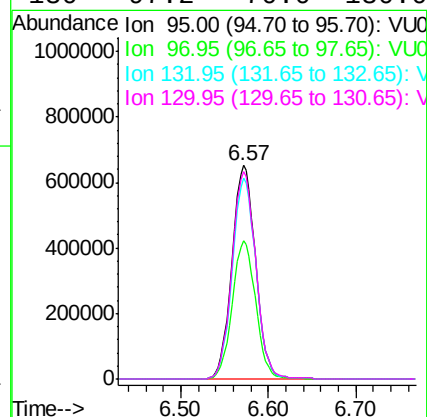
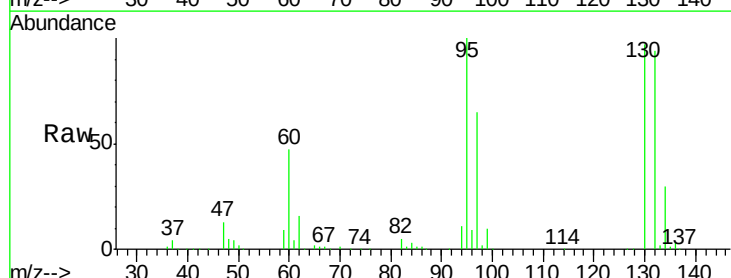
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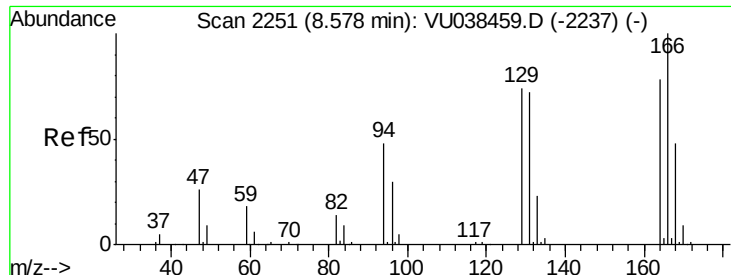
Tot Ion: 56 Resp: 4602
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.4
84 90.7 70.8 106.2



#34
Trichloroethene
Concen: 58.058 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

Tgt Ion: 95 Resp: 1226073
Ion Ratio Lower Upper
95 100
97 64.9 46.8 87.0
132 94.0 66.1 122.7
130 97.2 70.0 130.0





#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038476.D

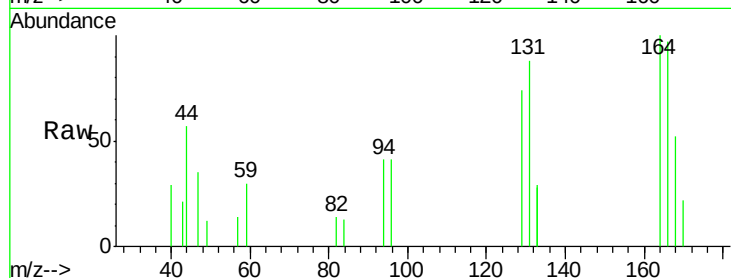
Acq: 01 Jun 2020 17:14

Instrument :

MSVOA_U

ClientSampleId :

BFX91



Tot Ion:164 Resp: 1418

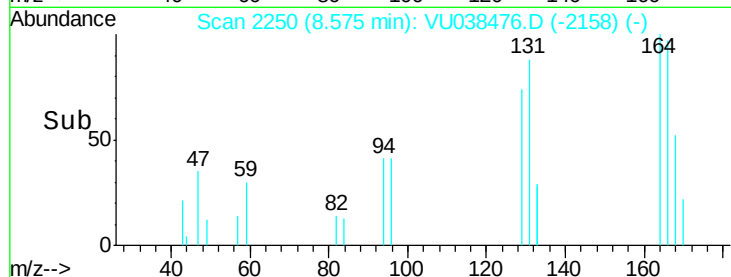
Ion Ratio Lower Upper

164 100

129 73.5 67.4 125.2

131 87.5 64.1 119.1

166 97.0 85.7 159.1



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

