

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038050.D
 Acq On : 07 May 2020 19:41
 Operator : JC/MD
 Sample : L2527-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK0

Quant Time: May 08 03:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	366665	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166292	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146806	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	125091	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	180127	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	302833	36.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.20%
24) Chloroform-d	5.10	84	193566	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.74	65	127994	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	485998	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	154011	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	433830	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	55307	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.65	63	271666	41.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112720	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	148727	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

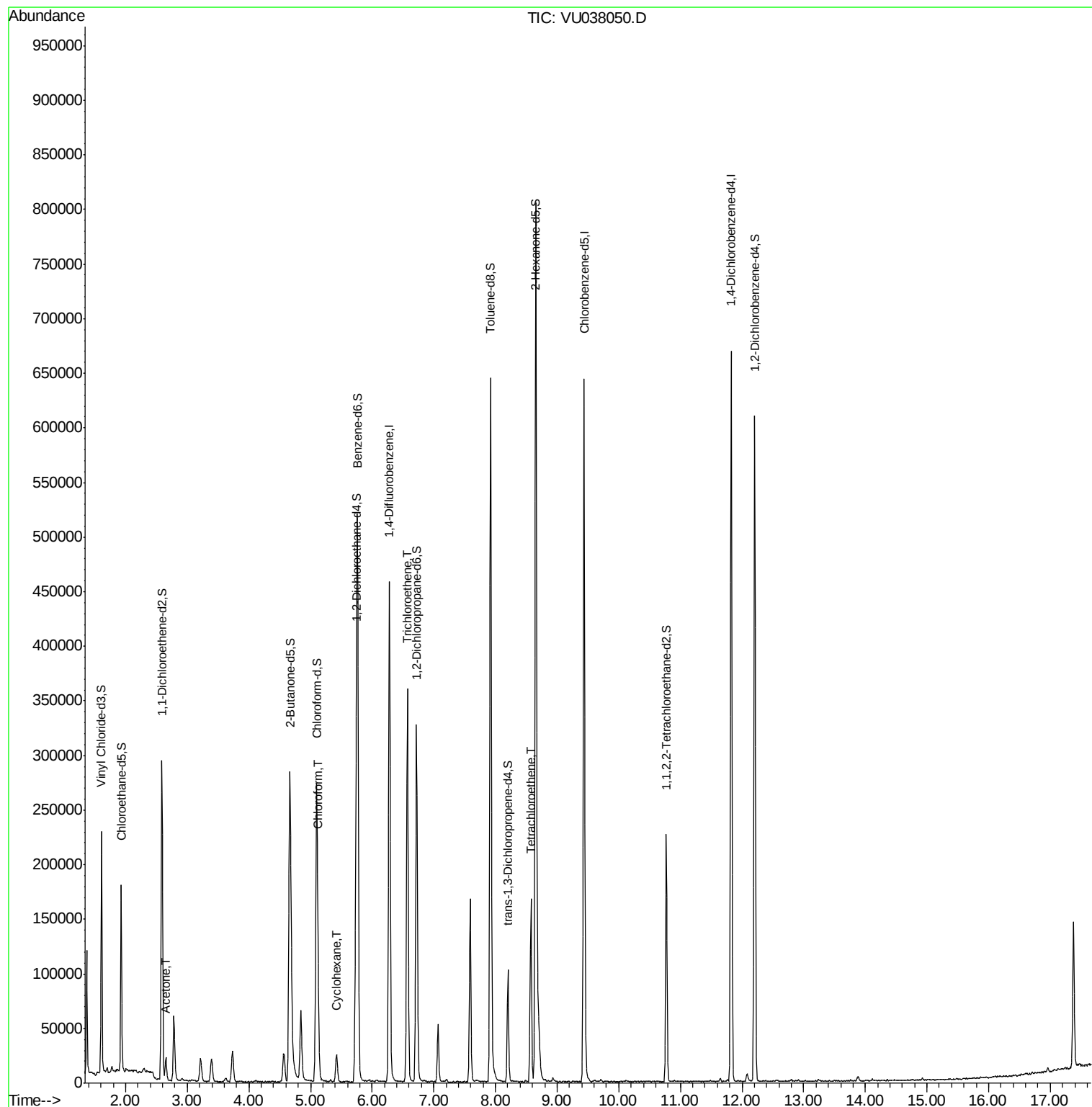
					Ovalue
13) Acetone	2.65	43	22248	4.285 ug/L	99
25) Chloroform	5.12	83	37061	0.732 ug/L	98
30) Cyclohexane	5.42	56	12009	0.250 ug/L	99
34) Trichloroethene	6.57	95	123438	4.342 ug/L	99
47) Tetrachloroethene	8.57	164	38095	1.916 ug/L	97

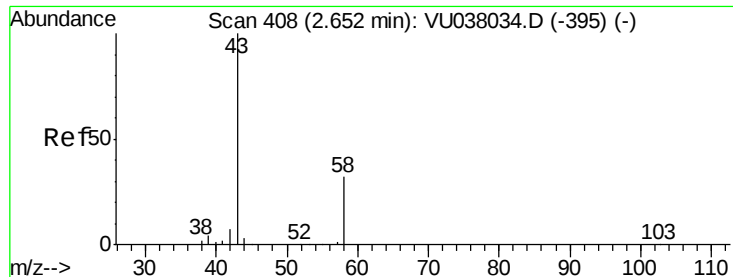
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.285 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038050.D

Acq: 07 May 2020 19:41

Instrument :

MSVOA_U

ClientSampled :

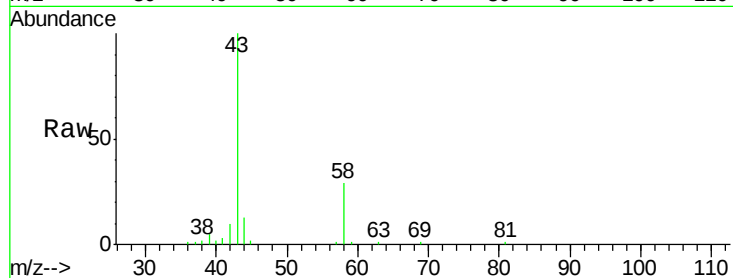
BFSK0

Tot Ion: 43 Resp: 22248

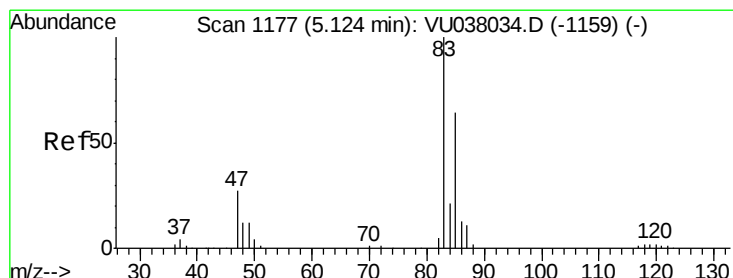
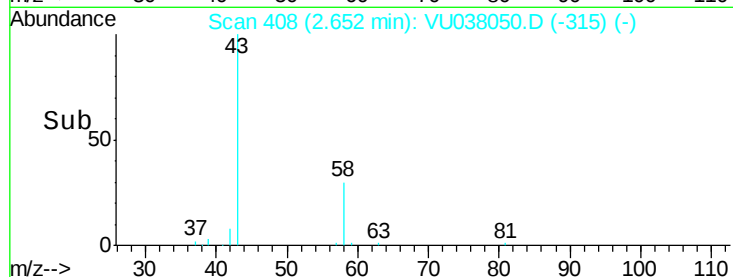
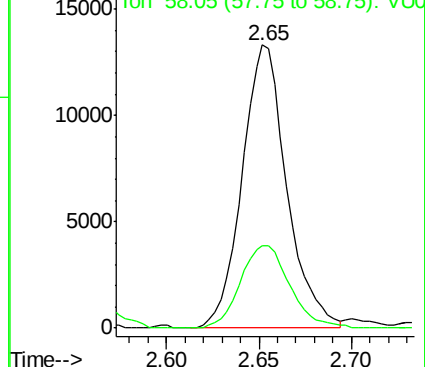
Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038034.D (-395) (-)



#25

Chloroform

Concen: 0.732 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038050.D

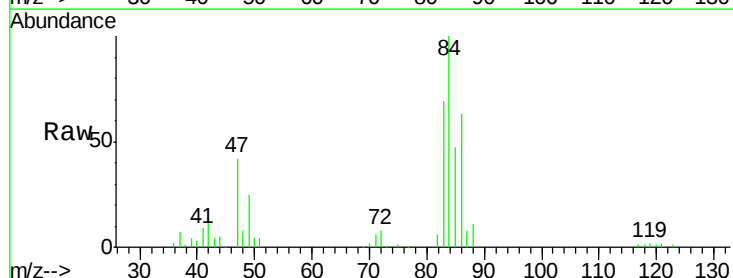
Acq: 07 May 2020 19:41

Tgt Ion: 83 Resp: 37061

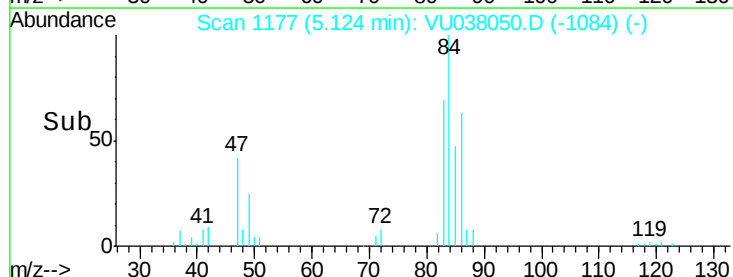
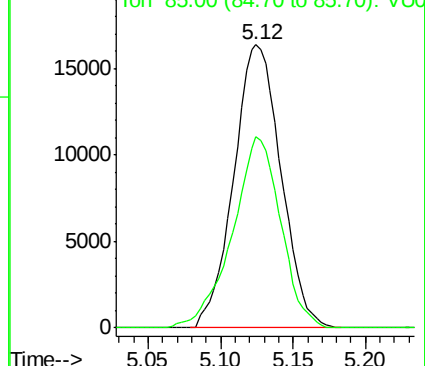
Ion Ratio Lower Upper

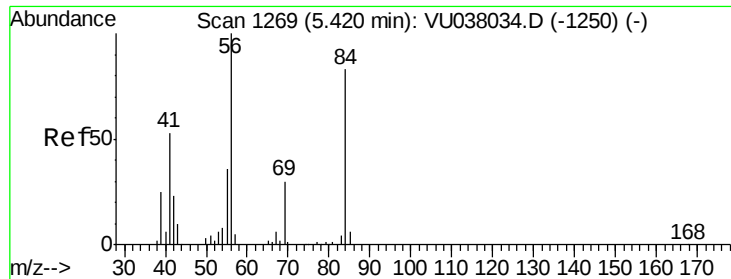
83 100

85 67.4 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038034.D (-1159) (-)

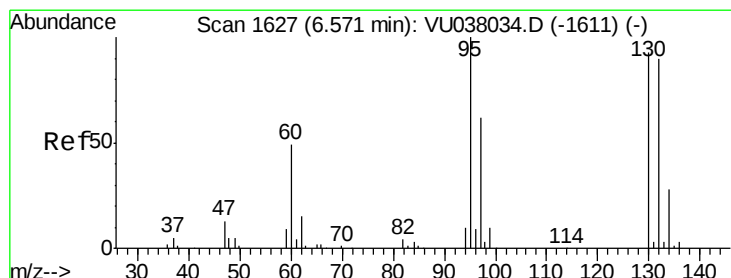
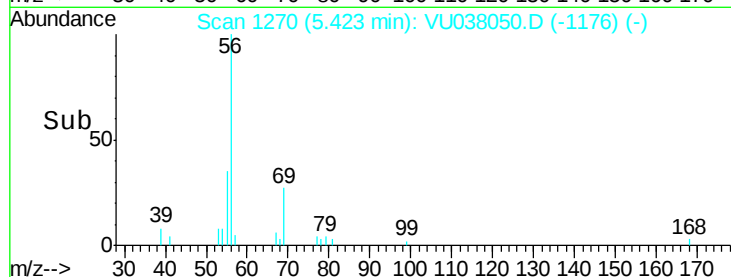
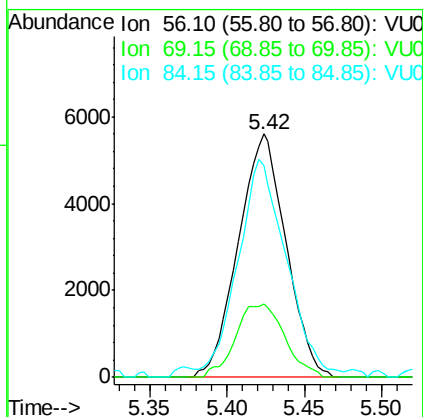
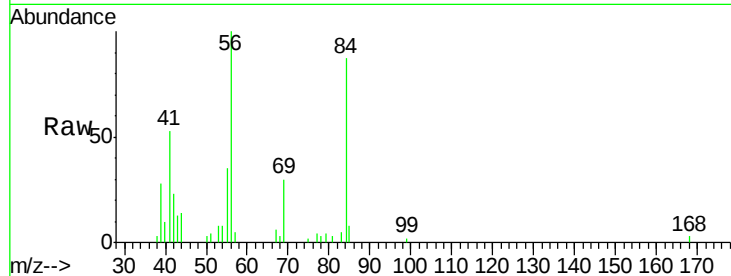




#30
Cyclohexane
Concen: 0.250 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038050.D
Acq: 07 May 2020 19:41

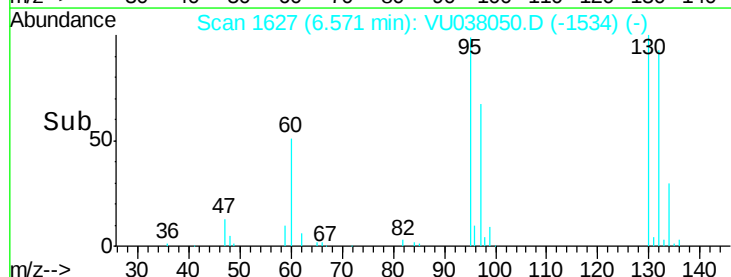
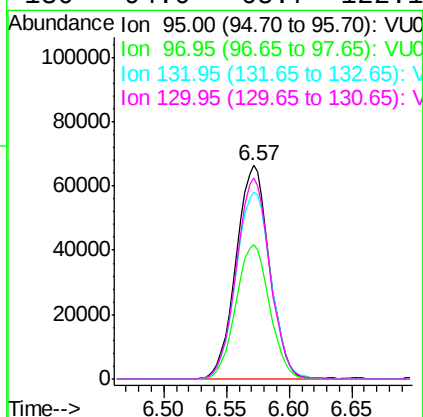
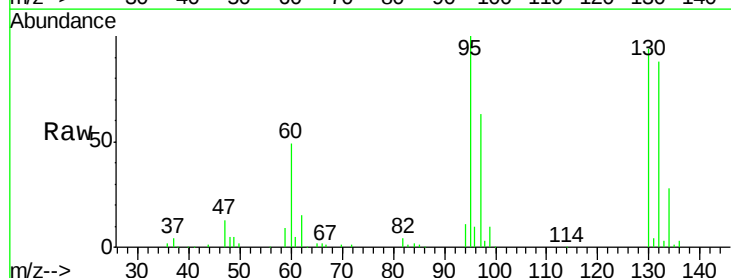
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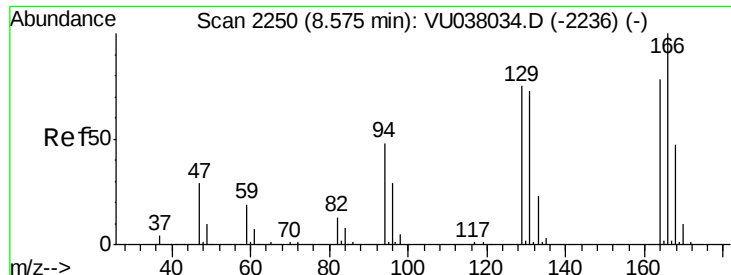
Tot Ion	56	Resp	12009
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.4
84	84.7	68.5	102.7



#34
Trichloroethene
Concen: 4.342 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038050.D
Acq: 07 May 2020 19:41

Tgt Ion	95	Resp	123438
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.9	83.3
132	87.8	63.3	117.5
130	94.0	65.7	122.1





#47

Tetrachloroethene

Concen: 1.916 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038050.D

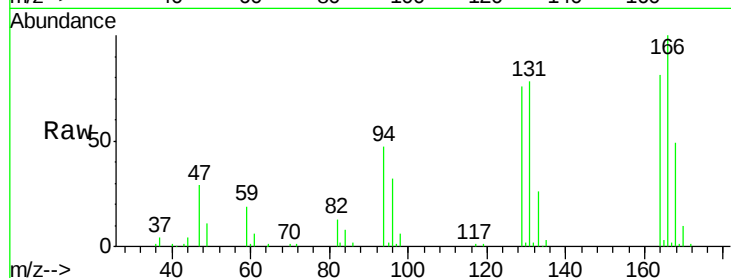
Acq: 07 May 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

BFSK0



Tot Ion:164 Resp: 38095

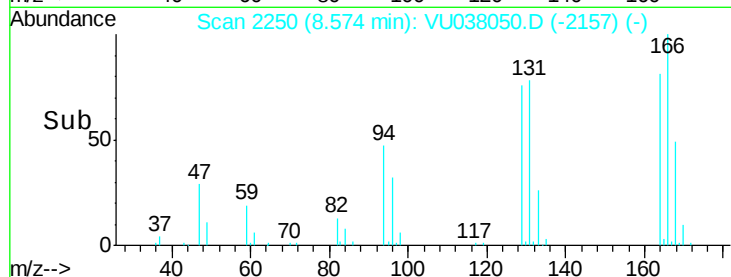
Ion Ratio Lower Upper

164 100

129 93.6 68.8 127.8

131 96.7 66.8 124.2

166 123.6 88.9 165.1



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

