

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038354.D
 Acq On : 28 May 2020 18:28
 Operator : JC/MD
 Sample : L2751-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y24

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:26:43 PM

Quant Time: May 29 05:54:59 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M

Quant Title : VOC Analysis

QLast Update : Fri May 29 04:31:03 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	581660	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	565934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	264090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	205291	56.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.44%
7) Chloroethane-d5	1.93	69	161585	57.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.56%
11) 1,1-Dichloroethene-d2	2.59	63	306687	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
21) 2-Butanone-d5	4.66	46	404585	116.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.62%
24) Chloroform-d	5.10	84	384190	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.16%
26) 1,2-Dichloroethane-d4	5.74	65	264753	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.76%
32) Benzene-d6	5.76	84	815551	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
36) 1,2-Dichloropropane-d6	6.72	67	251618	55.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.40%
41) Toluene-d8	7.92	98	707264	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%
43) trans-1,3-Dichloropropene-	8.20	79	118265	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.22%
47) 2-Hexanone-d5	8.65	63	295308	123.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.05%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	352806	52.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	272425	55.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.30%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.16	101	24581	4.11	ug/L	97
13) Acetone	2.66	43	5681	1.97	ug/L	97
20) cis-1,2-Dichloroethene	4.70	96	6654m	1.60	ug/L	
34) Trichloroethene	6.57	95	135469	33.31	ug/L	98
46) Tetrachloroethene	8.57	164	64159	21.58	ug/L	96

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

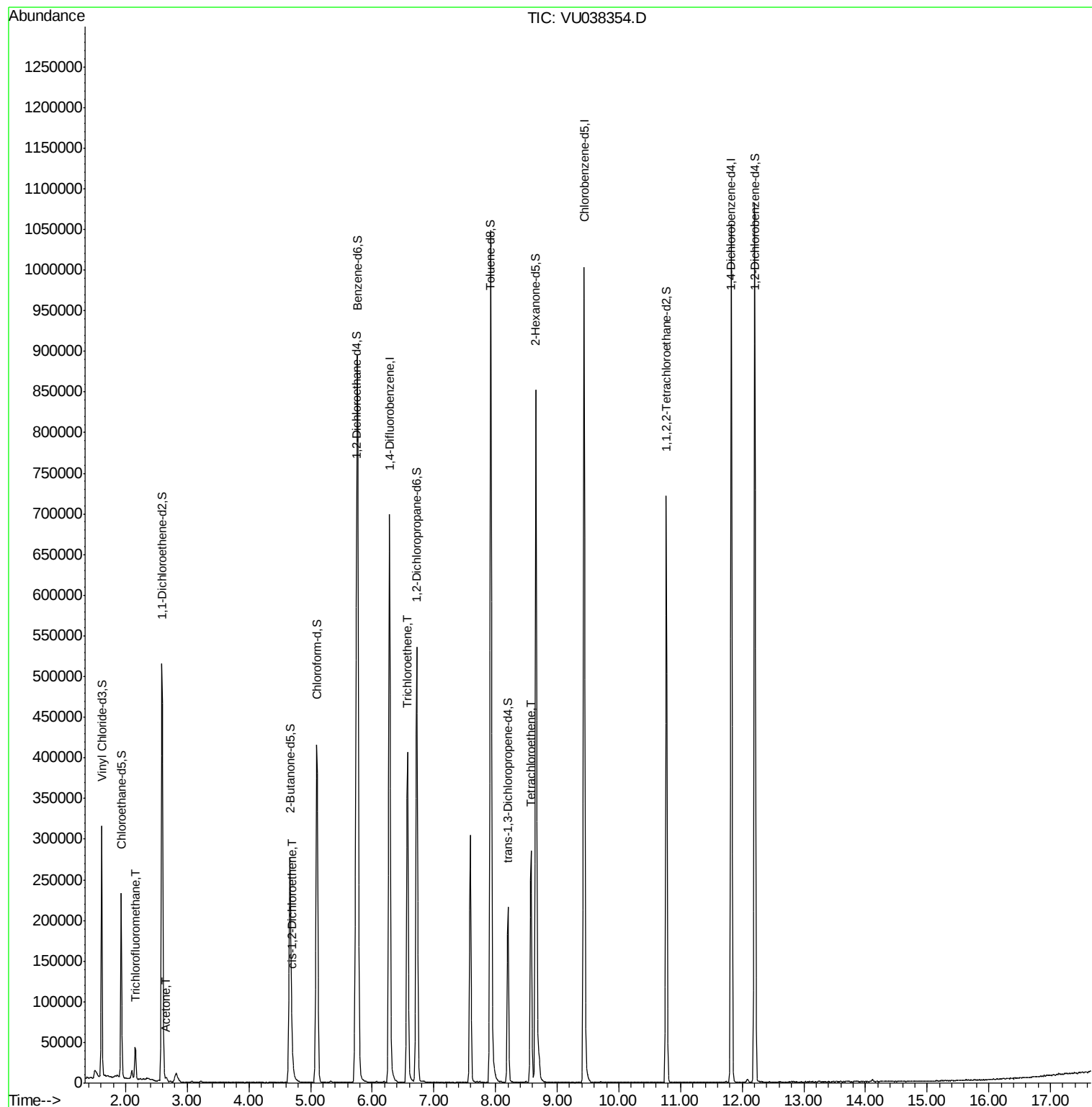
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
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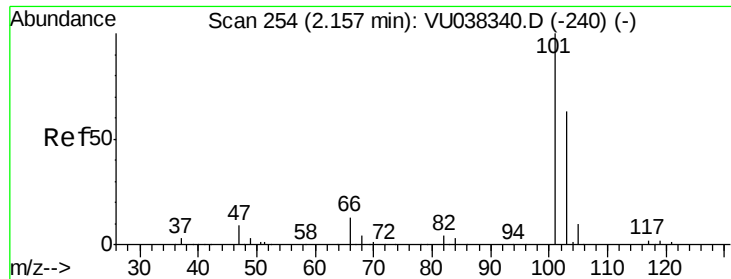
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 4.11 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU038354.D

Acq: 28 May 2020 18:28

Instrument :

MSVOA_U

ClientSampleId :

C0Y24

Tgt Ion:101 Resp: 24581

Ion Ratio Lower Upper

101 100

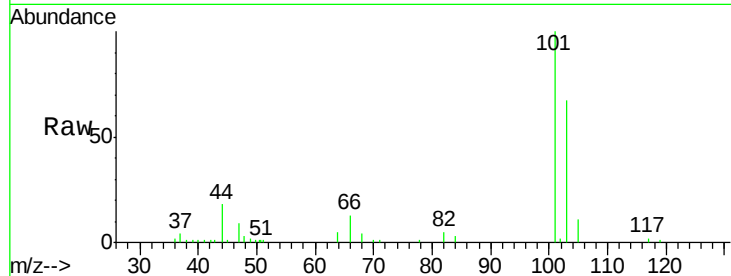
103 66.5 51.4 77.0

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

20000

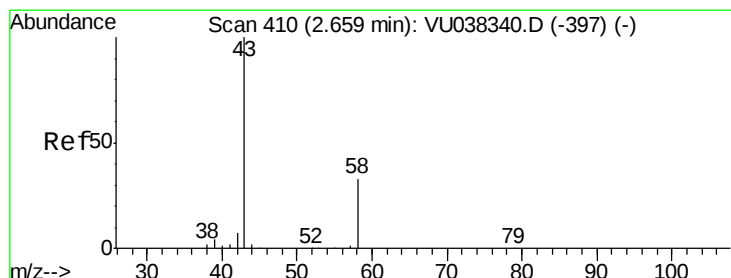
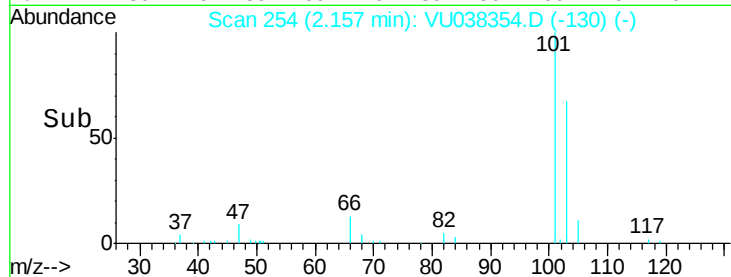
15000

10000

5000

0

Time--> 2.10 2.15 2.20



#13

Acetone

Concen: 1.97 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU038354.D

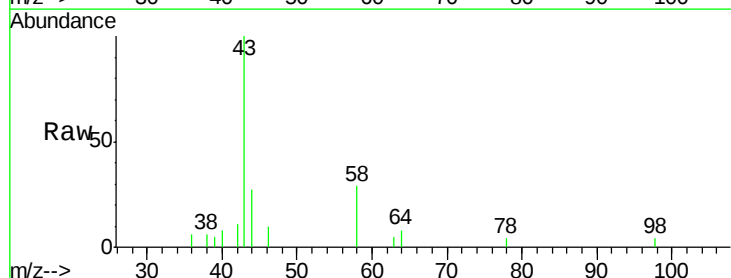
Acq: 28 May 2020 18:28

Tgt Ion: 43 Resp: 5681

Ion Ratio Lower Upper

43 100

58 33.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

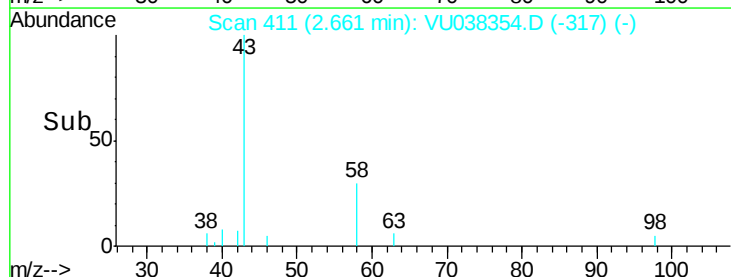
3000

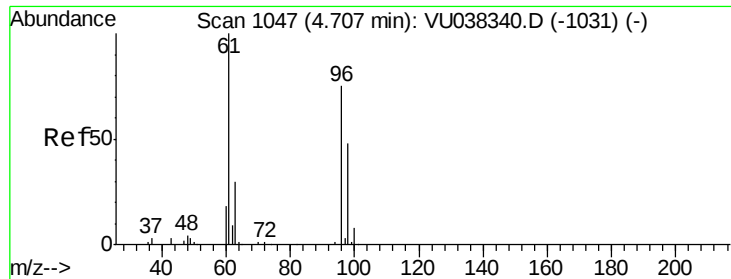
2000

1000

0

Time--> 2.60 2.65 2.70





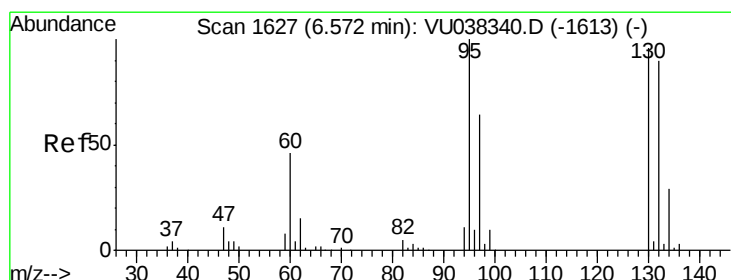
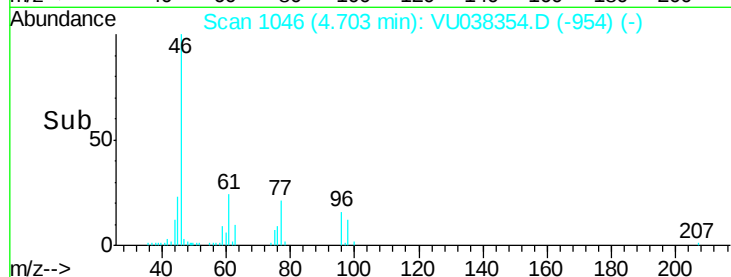
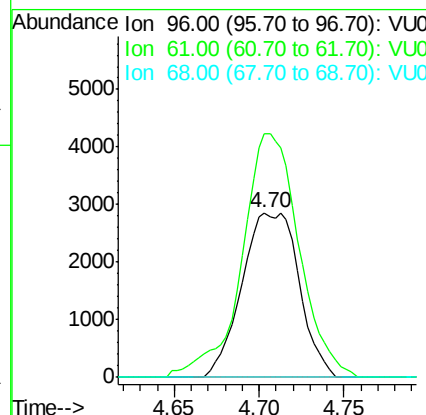
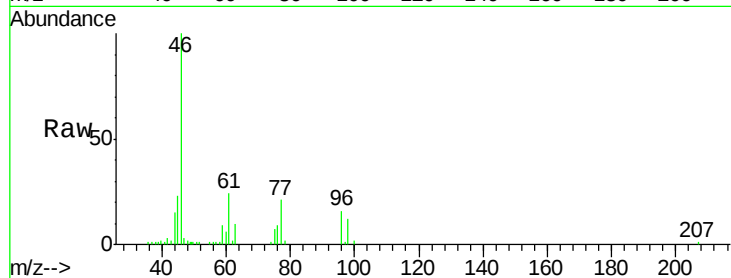
#20
 cis-1,2-Dichloroethene
 Concen: 1.60 ug/L m
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU038354.D
 Acq: 28 May 2020 18:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.1	93.4	173.4
68	0.0	0.0	0.0

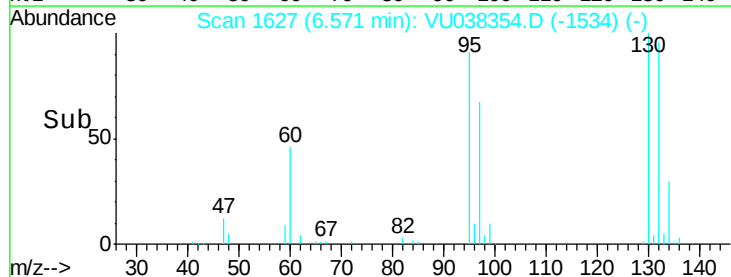
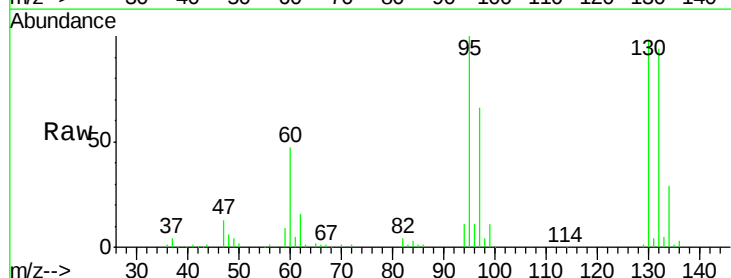
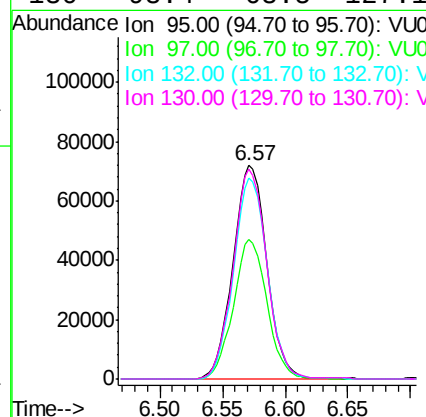
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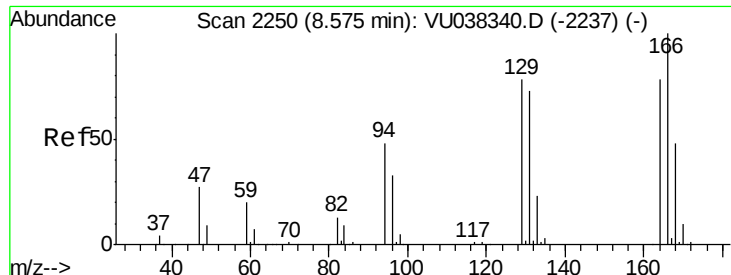
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#34
 Trichloroethene
 Concen: 33.31 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038354.D
 Acq: 28 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.3	82.3
132	94.0	64.7	120.1
130	98.4	68.5	127.1





#46

Tetrachloroethene

Concen: 21.58 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038354.D

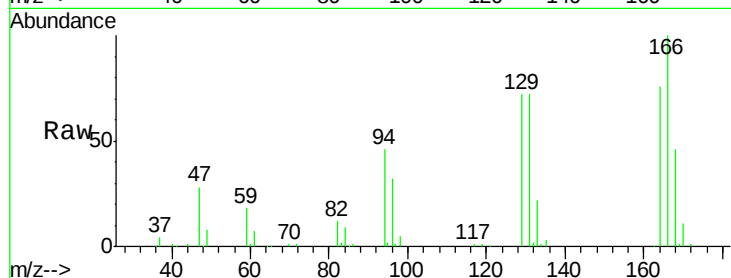
Acq: 28 May 2020 18:28

Instrument :

MSVOA_U

ClientSampleId :

C0Y24



Tgt Ion:164 Resp: 64159

Ion Ratio Lower Upper

164 100

129 95.4 67.2 124.8

131 94.8 63.4 117.8

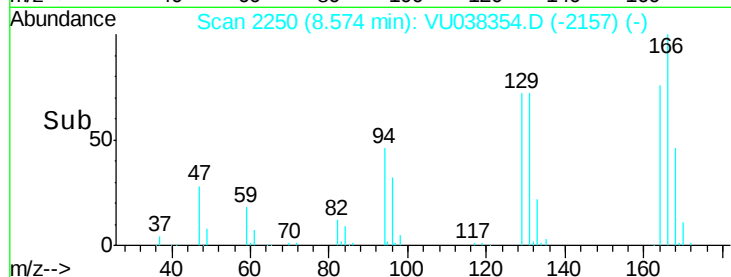
166 132.4 88.5 164.4

Manual Integrations

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

