

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036884.D
 Acq On : 24 Feb 2020 15:33
 Operator : JC/MD
 Sample : VU0224WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 25 03:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	276701	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95329	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	114780	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	98719	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.68%
11) 1,1-Dichloroethene-d2	2.59	63	145984	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.04%
21) 2-Butanone-d5	4.67	46	168639	108.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.19%
24) Chloroform-d	5.11	84	175117	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.74	65	124488	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.76	84	393894	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
36) 1,2-Dichloropropane-d6	6.72	67	129967	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.08%
41) Toluene-d8	7.93	98	354176	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
43) trans-1,3-Dichloropropene-	8.20	79	56410	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.96%
47) 2-Hexanone-d5	8.66	63	122451	104.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170012	50.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.28%
64) 1,2-Dichlorobenzene-d4	12.21	152	100592	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%

Target Compounds

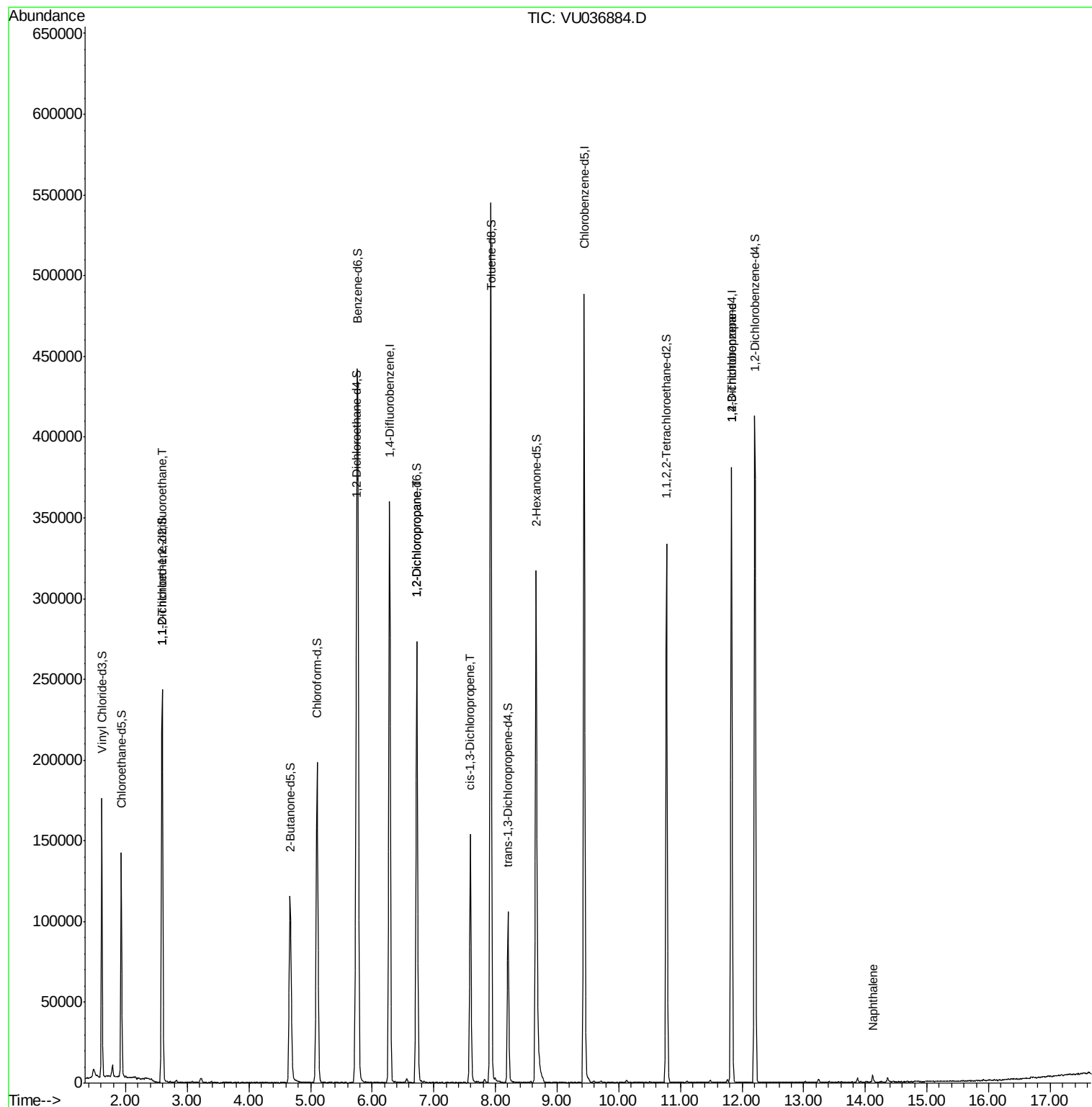
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1322	0.748 ug/L #	23
37) 1,2-Dichloropropane	6.72	63	13904	6.368 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3965	1.179 ug/L #	55
59) 1,2,3-Trichloropropane	11.83	75	14606	5.200 ug/L	97
69) Naphthalene	14.12	128	4059	1.564 ug/L #	91

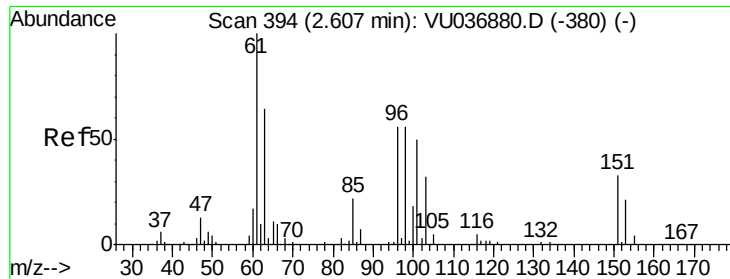
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 25 03:18:14 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.748 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036884.D

Acq: 24 Feb 2020 15:33

Instrument :

MSVOA_U

ClientSampled :

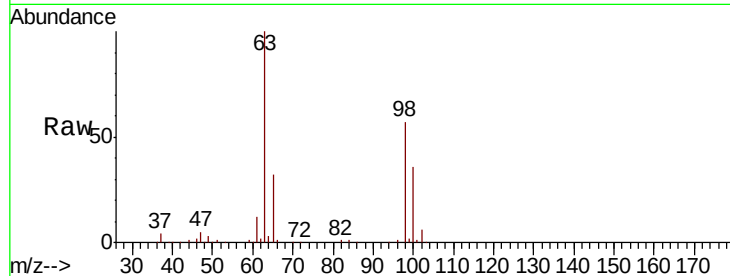
Tot Ion:101 Resp: 1322

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

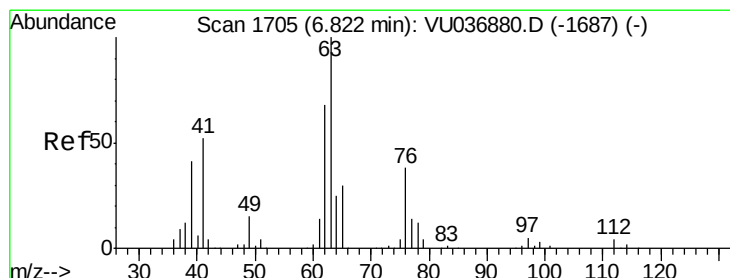
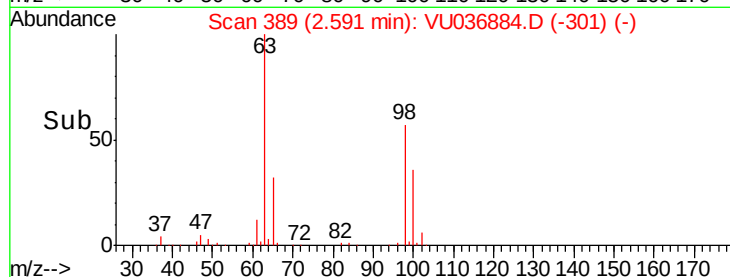
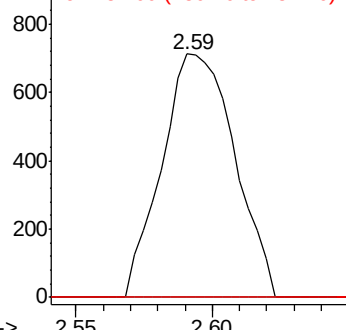
151 0.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 6.368 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036884.D

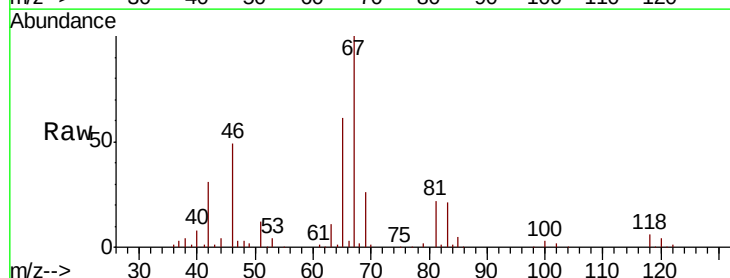
Acq: 24 Feb 2020 15:33

Tgt Ion: 63 Resp: 13904

Ion Ratio Lower Upper

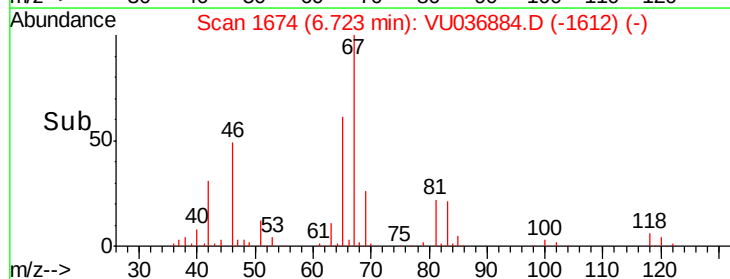
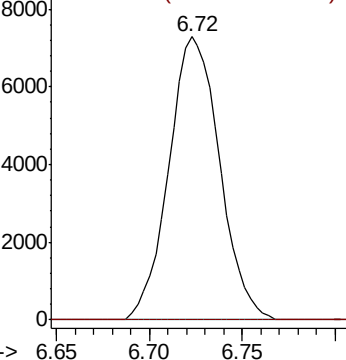
63 100

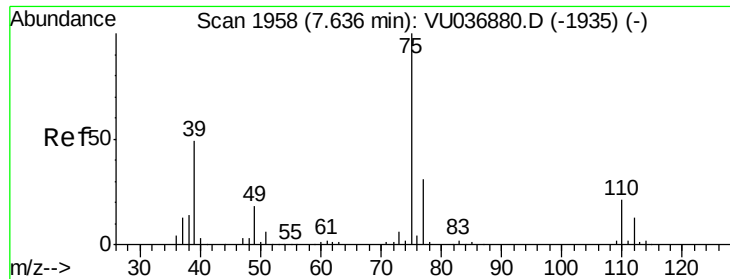
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



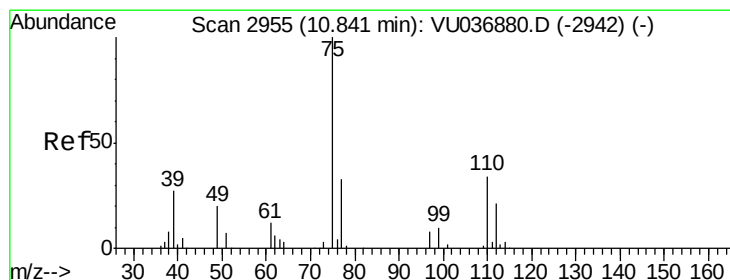
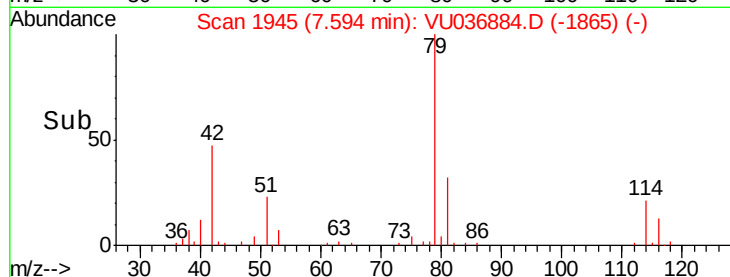
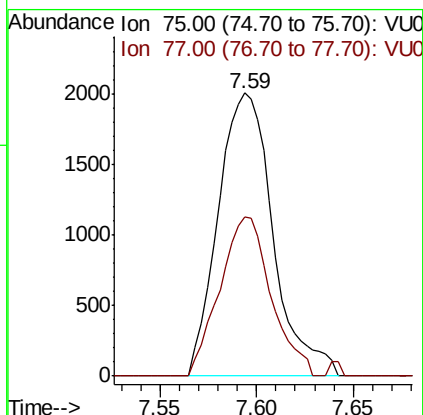
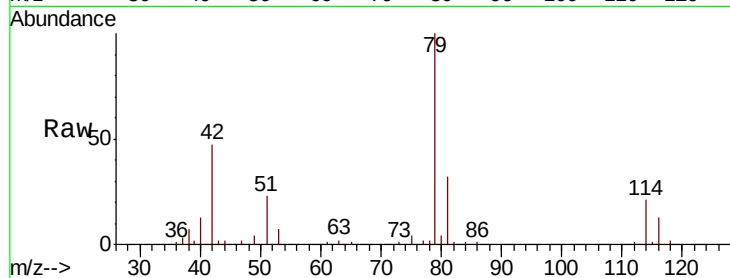


#39

cis-1,3-Dichloropropene
Concen: 1.179 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036884.D
Acq: 24 Feb 2020 15:33

Instrument :
MSVOA_U
ClientSampled :

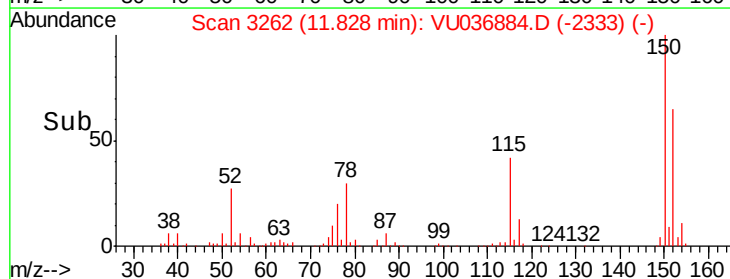
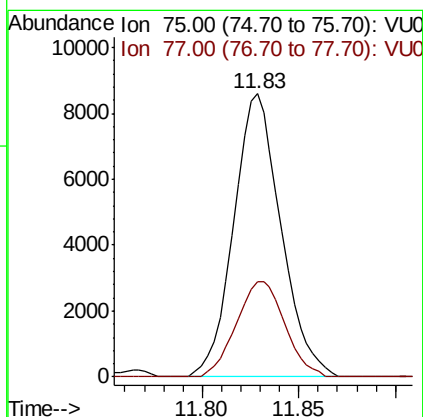
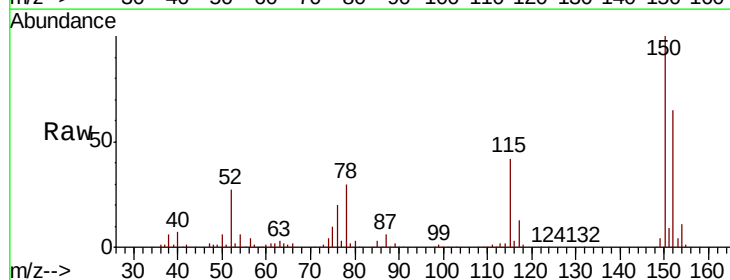
Tot Ion: 75 Resp: 3965
Ion Ratio Lower Upper
75 100
77 56.3 22.0 41.0#

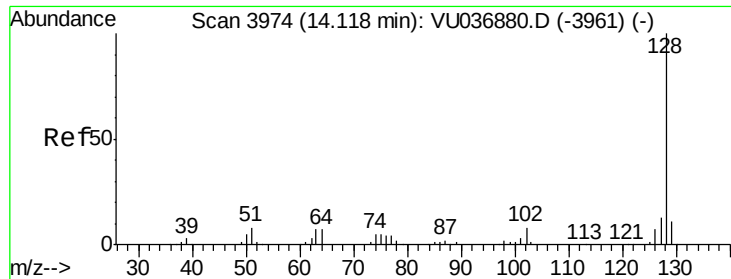


#59

1,2,3-Trichloropropane
Concen: 5.200 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU036884.D
Acq: 24 Feb 2020 15:33

Tgt Ion: 75 Resp: 14606
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.2





#69

Naphthalene

Concen: 1.564 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. 0.00 min

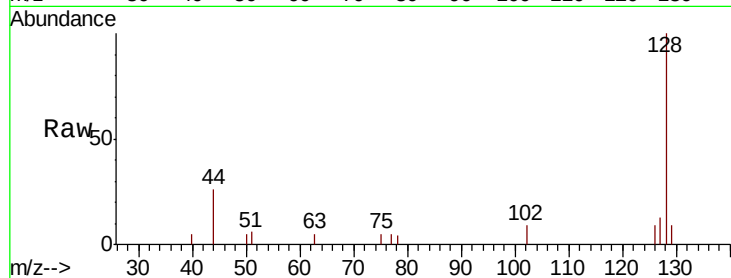
Lab File: VU036884.D

Acq: 24 Feb 2020 15:33

Instrument :

MSVOA_U

ClientSampleId :



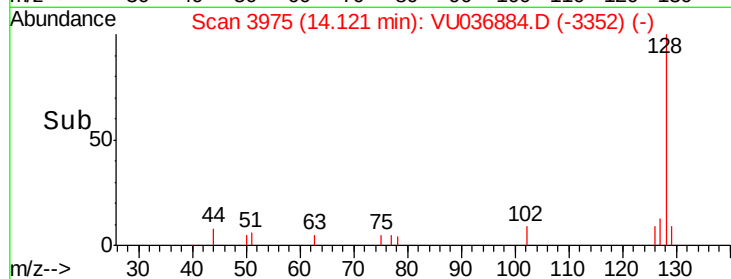
Tot Ion:128 Resp: 4059

Ion Ratio Lower Upper

128 100

127 9.8 11.0 16.4#

129 8.1 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

