

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051520\
 Data File : VU038204.D
 Acq On : 15 May 2020 17:36
 Operator : JC/MD
 Sample : L2647-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF2

Quant Time: May 16 07:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	359847	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110806	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.93	69	110901	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.59	63	144704	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.67	46	390829	48.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.26%
24) Chloroform-d	5.10	84	207315	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.74	65	124268	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.76	84	431105	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.72	67	142939	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.92	98	367946	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.20	79	49548	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.65	63	298393	46.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114483	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	138198	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

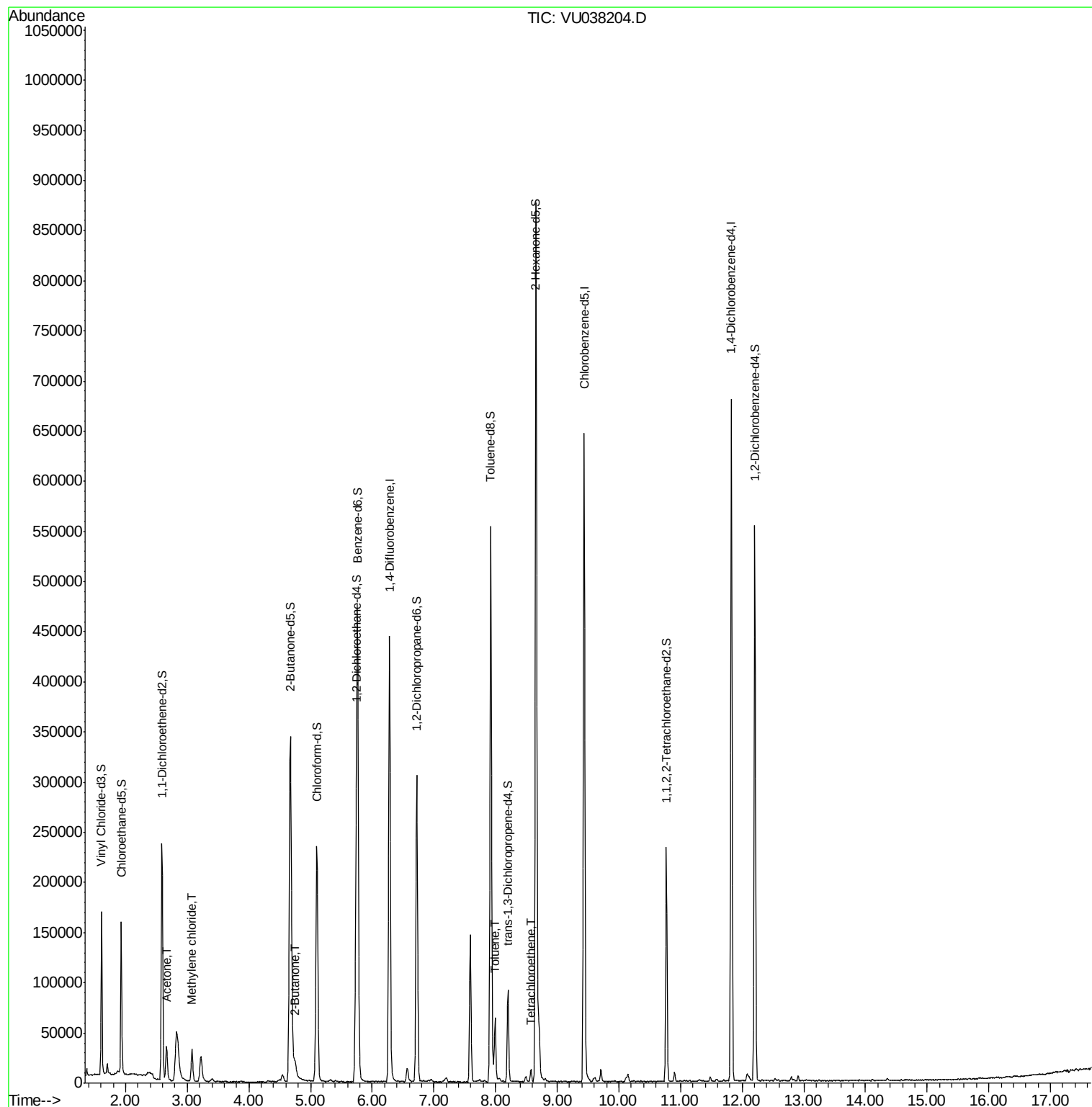
						Qvalue
13) Acetone	2.66	43	43336	8.51	ug/L	100
16) Methylene chloride	3.08	84	15072	0.52	ug/L	96
21) 2-Butanone	4.75	43	19253	2.14	ug/L	95
42) Toluene	7.99	91	43931	0.37	ug/L	98
47) Tetrachloroethene	8.57	164	2051	0.10	ug/L	90

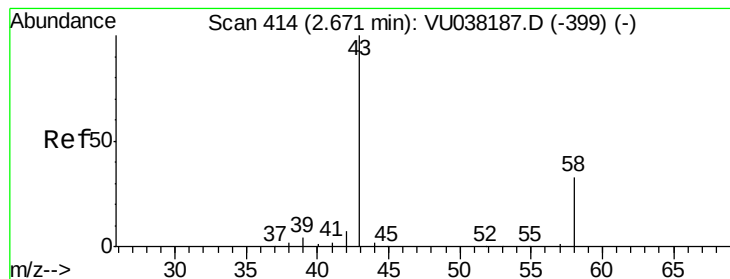
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.51 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU038204.D

Acq: 15 May 2020 17:36

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MSVOA_U

ClientSampleId :

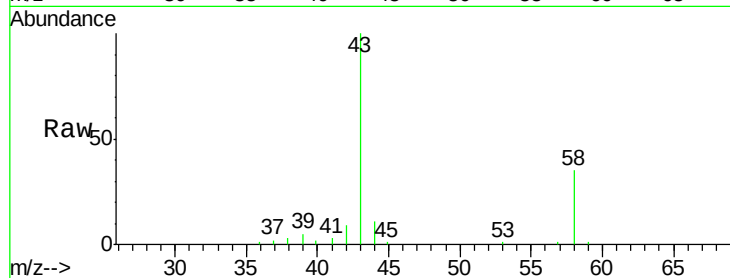
C0AF2

Tgt Ion: 43 Resp: 43336

Ion Ratio Lower Upper

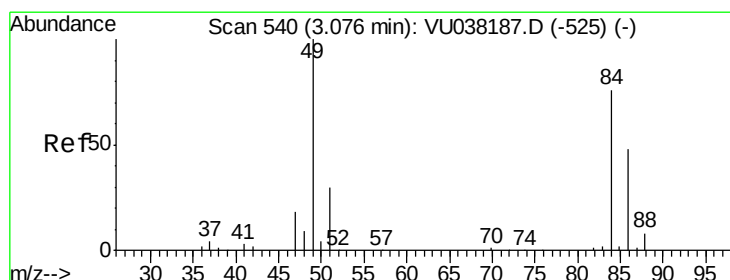
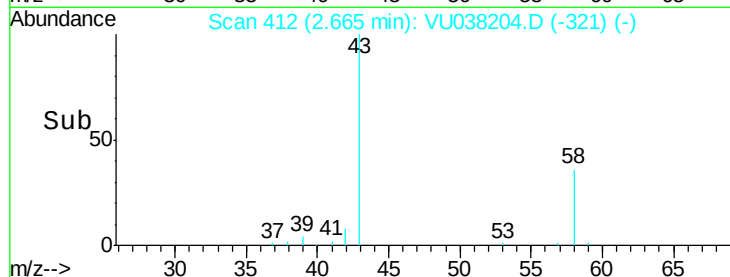
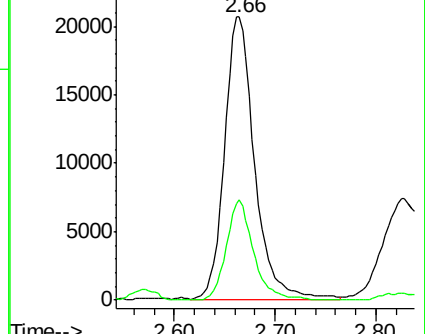
43 100

58 31.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038187.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038187.D (-399) (-)



#16

Methylene chloride

Concen: 0.52 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038204.D

Acq: 15 May 2020 17:36

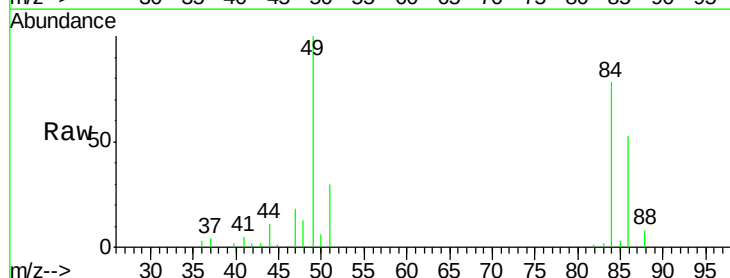
Tgt Ion: 84 Resp: 15072

Ion Ratio Lower Upper

84 100

86 68.0 44.9 83.3

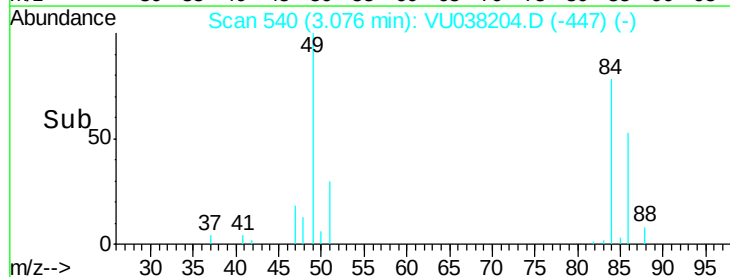
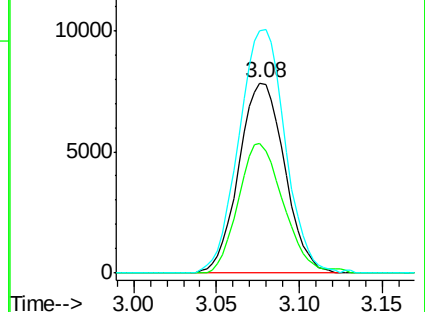
49 127.6 92.0 170.9

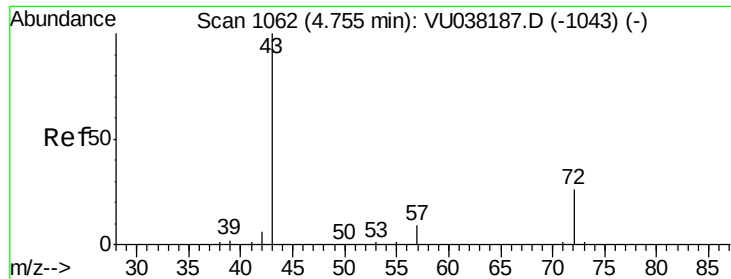


Abundance Ion 84.05 (83.75 to 84.75): VU038187.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038187.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038187.D (-525) (-)





#21

2-Butanone

Concen: 2.14 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

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Acq: 15 May 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

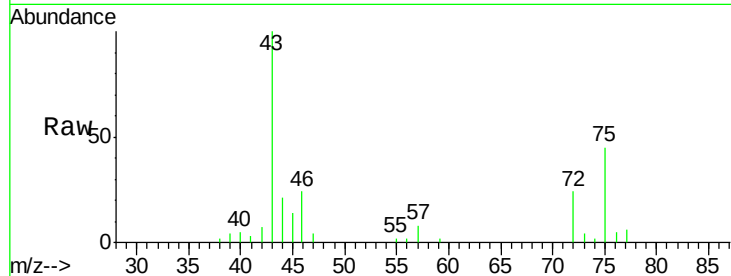
C0AF2

Tgt Ion: 43 Resp: 19253

Ion Ratio Lower Upper

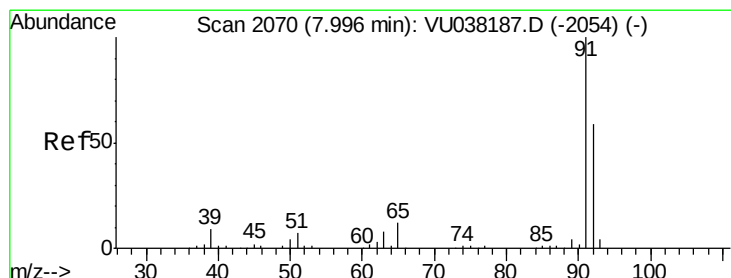
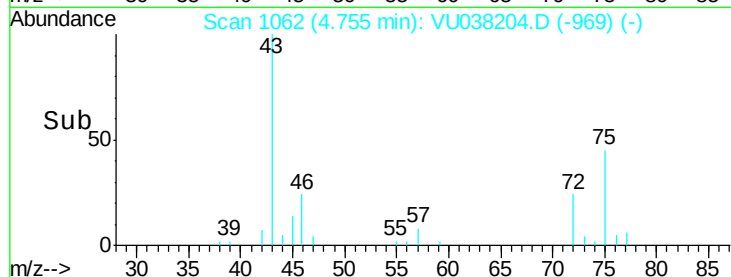
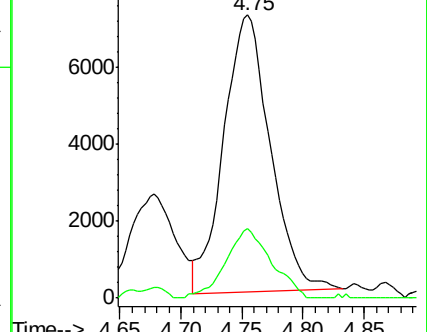
43 100

72 24.4 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038204.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU038204.D (-969) (-)



#42

Toluene

Concen: 0.37 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038204.D

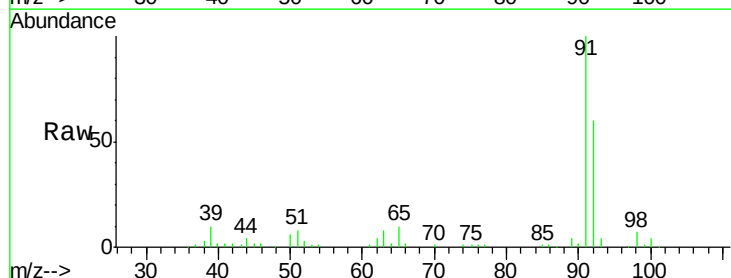
Acq: 15 May 2020 17:36

Tgt Ion: 91 Resp: 43931

Ion Ratio Lower Upper

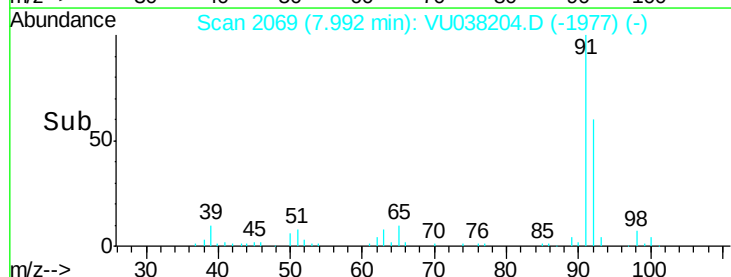
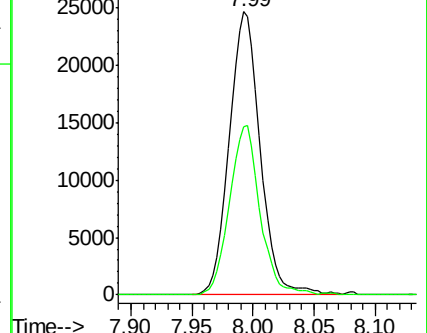
91 100

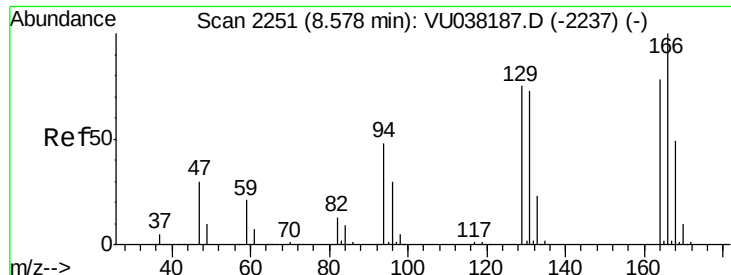
92 59.6 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038204.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU038204.D (-1977) (-)





#47

Tetrachloroethene

Concen: 0.10 ug/L

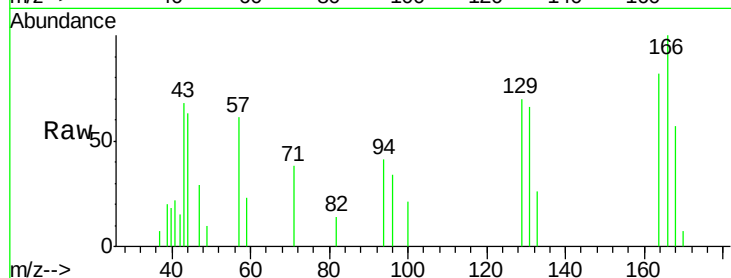
RT: 8.57 min Scan# 2249

Delta R.T. -0.01 min

Lab File: VU038204.D

Acq: 15 May 2020 17:36

Instrument :
MSVOA_U
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C0AF2



Tgt Ion:164 Resp: 2051

Ion Ratio Lower Upper

164 100

129 85.5 68.8 127.8

131 80.7 66.8 124.2

166 122.1 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

