

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
 Data File : VU038369.D
 Acq On : 29 May 2020 10:15
 Operator : JC/MD
 Sample : L2751-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y28

Quant Time: May 29 16:44:24 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	597591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	585662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	275946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196251	52.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.62%
7) Chloroethane-d5	1.93	69	155643	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	301937	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.76%
21) 2-Butanone-d5	4.67	46	380007	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	5.10	84	384460	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
26) 1,2-Dichloroethane-d4	5.74	65	260265	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.76	84	803283	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
36) 1,2-Dichloropropane-d6	6.72	67	247694	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.92	98	697323	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%
43) trans-1,3-Dichloropropene-	8.20	79	117717	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.66	63	279319	112.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	347151	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	272418	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

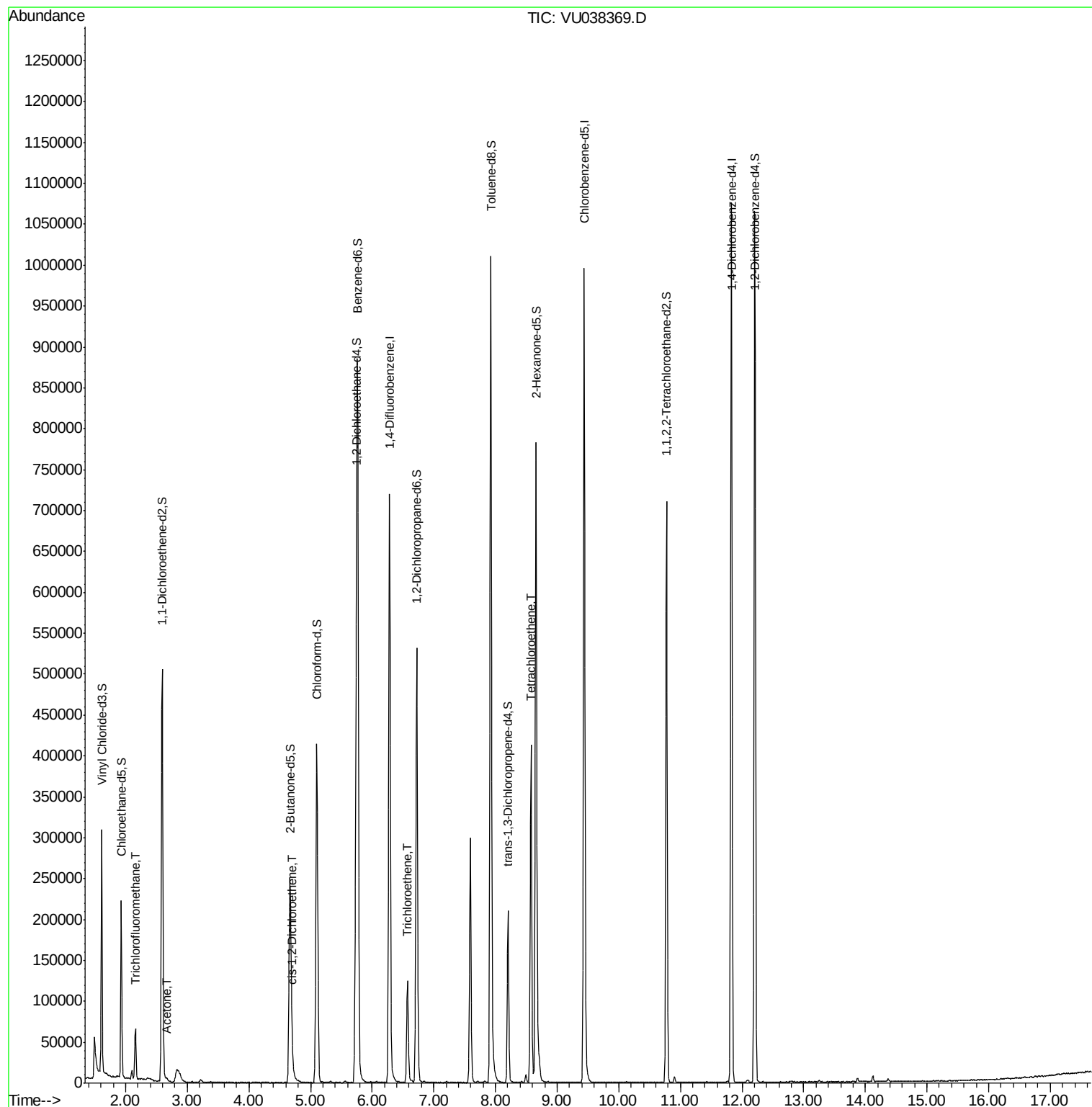
						Qvalue
9) Trichlorofluoromethane	2.16	101	38170	6.22	ug/L	97
13) Acetone	2.66	43	5643	1.91	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	5096	1.20	ug/L	90
34) Trichloroethene	6.57	95	41448	9.85	ug/L	95
46) Tetrachloroethene	8.58	164	92625	30.10	ug/L	96

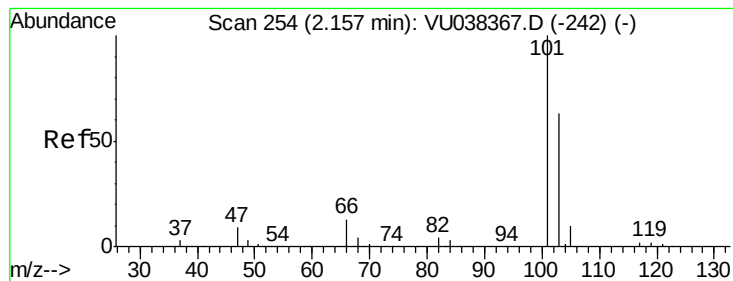
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 6.22 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

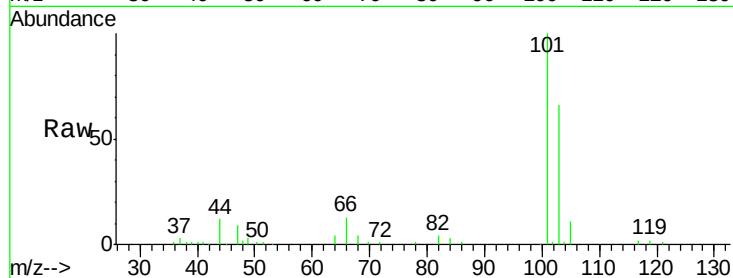
C0Y28

Tgt Ion:101 Resp: 38170

Ion Ratio Lower Upper

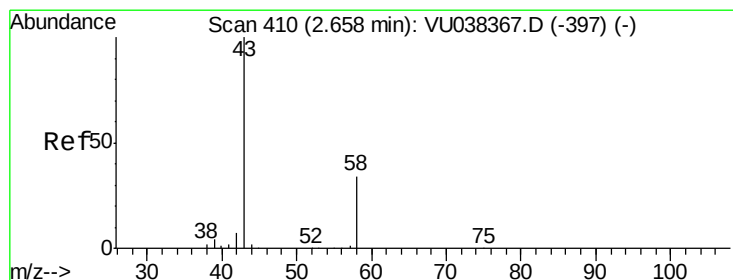
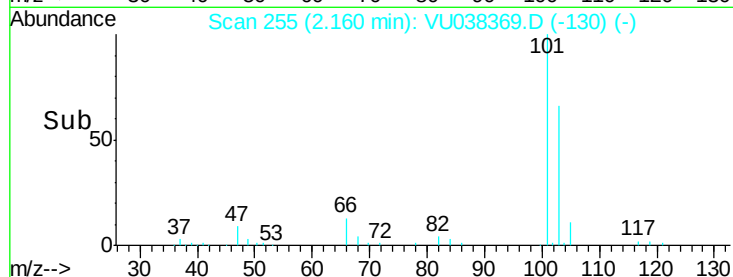
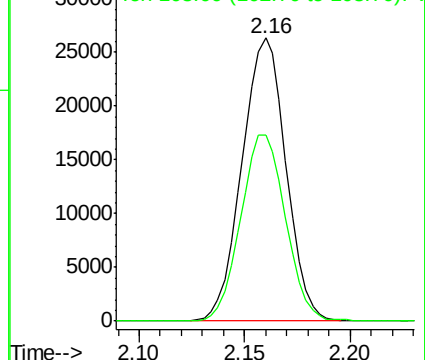
101 100

103 66.8 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.91 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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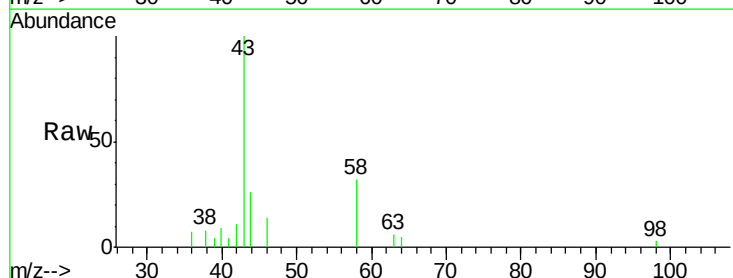
Acq: 29 May 2020 10:15

Tgt Ion: 43 Resp: 5643

Ion Ratio Lower Upper

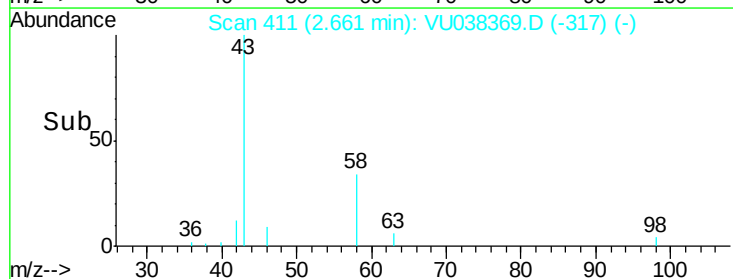
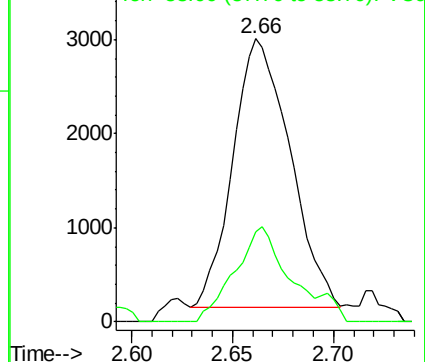
43 100

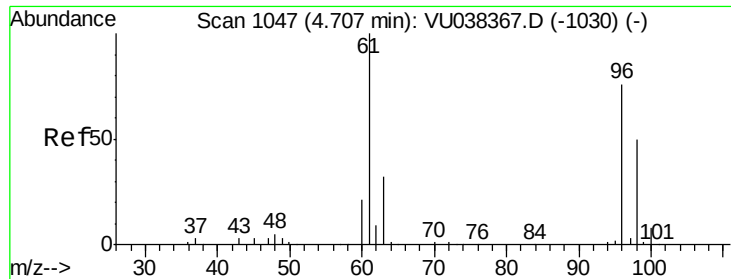
58 32.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

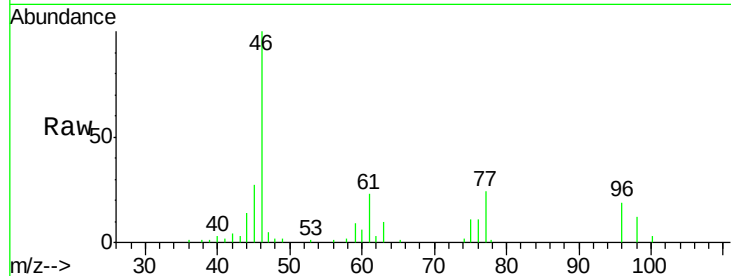




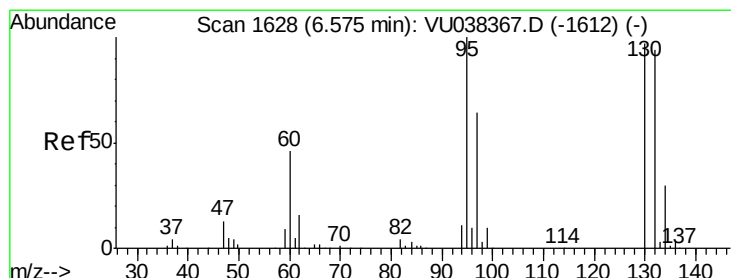
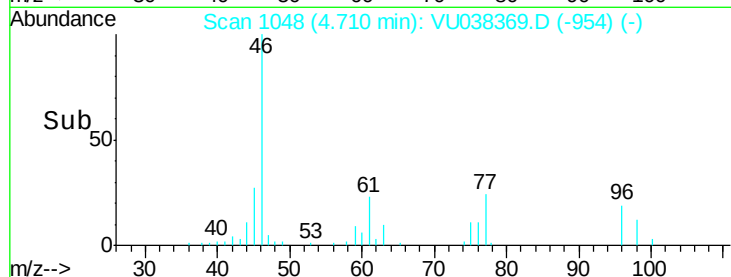
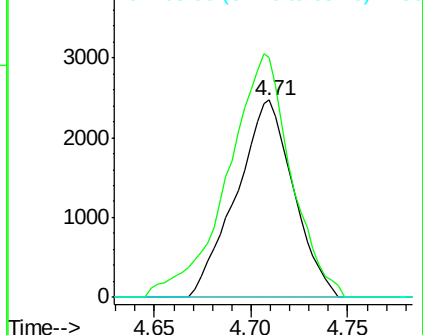
#20
 cis-1,2-Dichloroethene
 Concen: 1.20 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU038369.D
 Acq: 29 May 2020 10:15

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Tgt Ion: 96 Resp: 5096
 Ion Ratio Lower Upper
 96 100
 61 121.4 93.4 173.4
 68 0.0 0.0 0.0

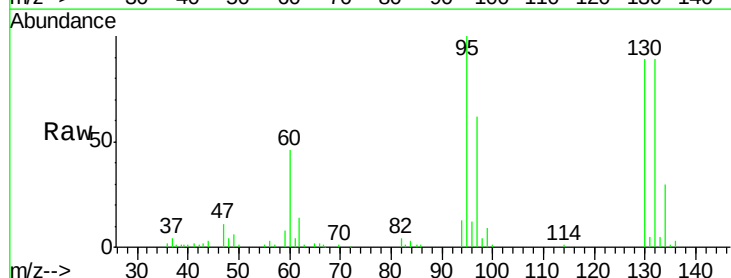


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

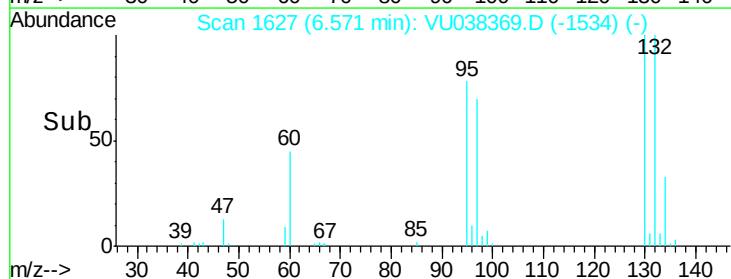
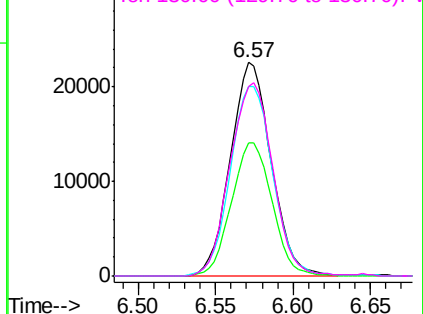


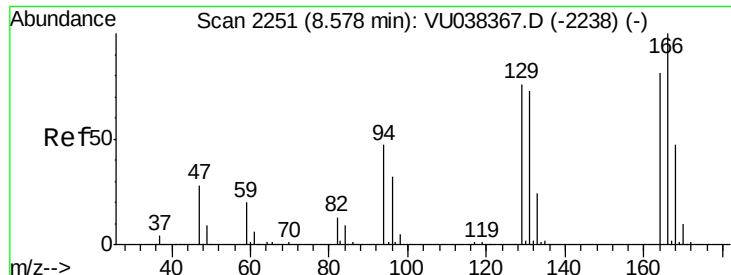
#34
 Trichloroethene
 Concen: 9.85 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038369.D
 Acq: 29 May 2020 10:15

Tgt Ion: 95 Resp: 41448
 Ion Ratio Lower Upper
 95 100
 97 62.2 44.3 82.3
 132 88.9 64.7 120.1
 130 88.8 68.5 127.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 30.10 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU038369.D

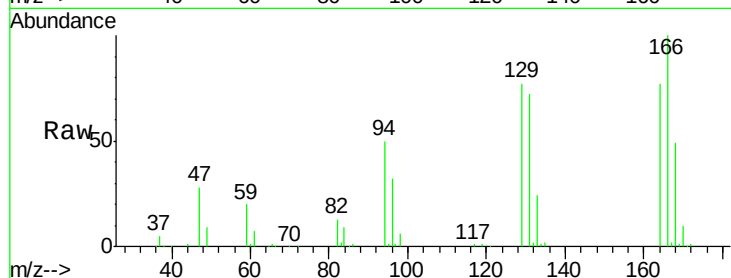
Acq: 29 May 2020 10:15

Instrument :

MSVOA_U

ClientSampleId :

C0Y28



Tgt Ion:164 Resp: 92625

Ion Ratio Lower Upper

164 100

129 100.2 67.2 124.8

131 94.1 63.4 117.8

166 130.7 88.5 164.4

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

