

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036978.D
 Acq On : 28 Feb 2020 17:23
 Operator : JC/MD
 Sample : L1730-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW4

Quant Time: Feb 29 03:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 29 00:30:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249867	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82745	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.86%
7) Chloroethane-d5	1.93	69	77227	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.96%
11) 1,1-Dichloroethene-d2	2.59	63	109944	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	4.67	46	148660	105.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.11	84	150939	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.74	65	104931	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
32) Benzene-d6	5.76	84	327612	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.72	67	108869	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.92	98	297377	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	8.20	79	45854	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.66	63	107206	100.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151329	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	90431	53.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.90%

Target Compounds

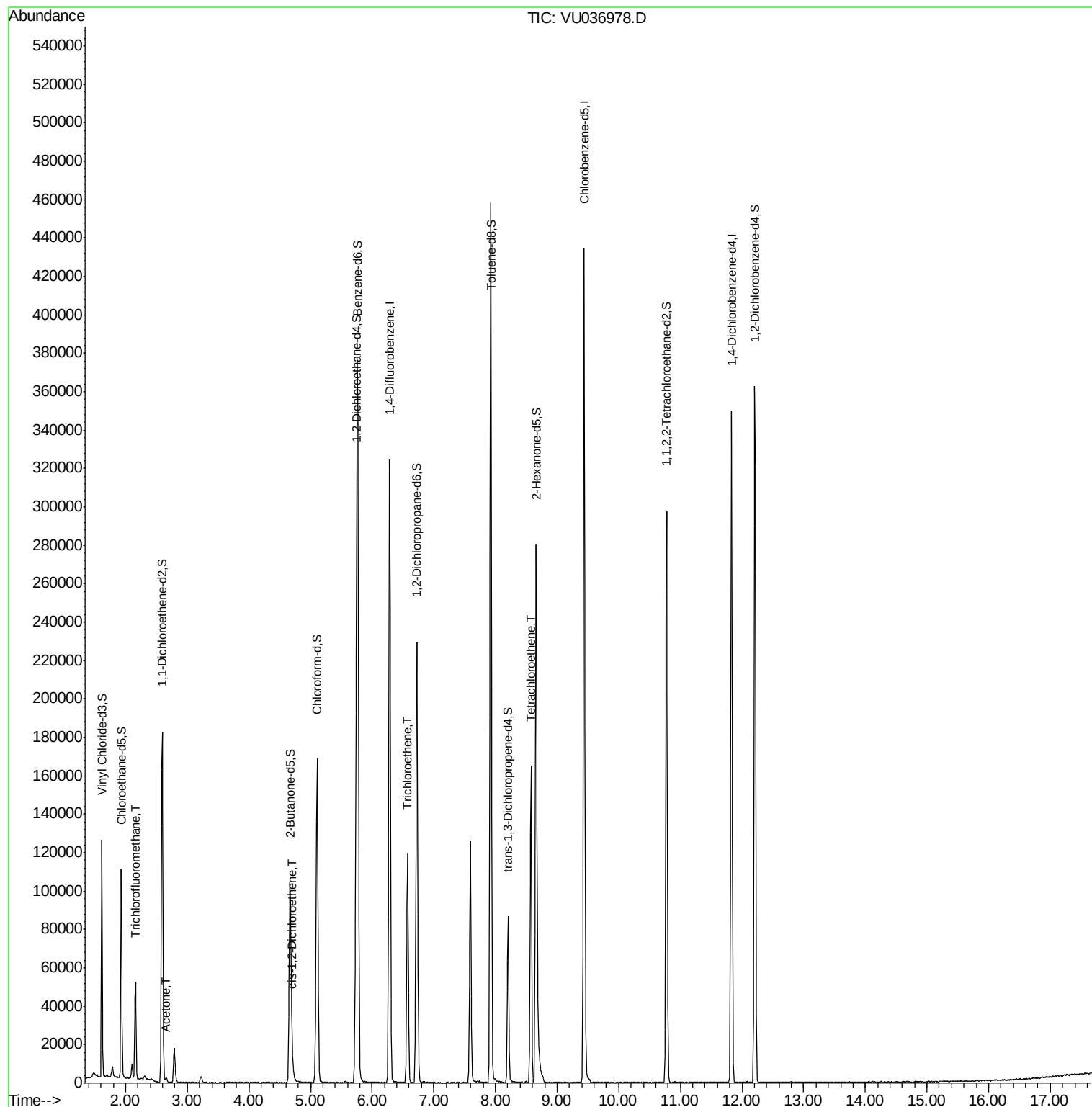
					Ovalue
9) Trichlorofluoromethane	2.16	101	30627	11.482	ug/L 99
13) Acetone	2.66	43	3039	2.099	ug/L 95
20) cis-1,2-Dichloroethene	4.71	96	3598	1.856	ug/L 74
34) Trichloroethene	6.57	95	39659	21.923	ug/L 98
46) Tetrachloroethene	8.57	164	32820	27.539	ug/L 98

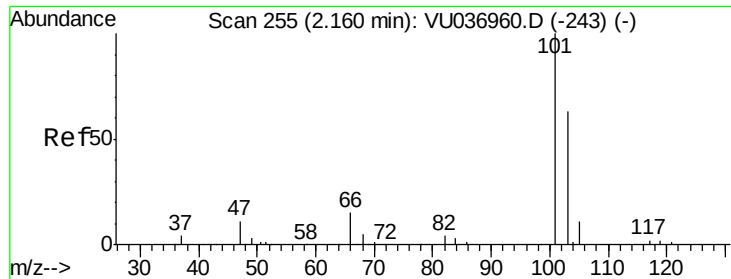
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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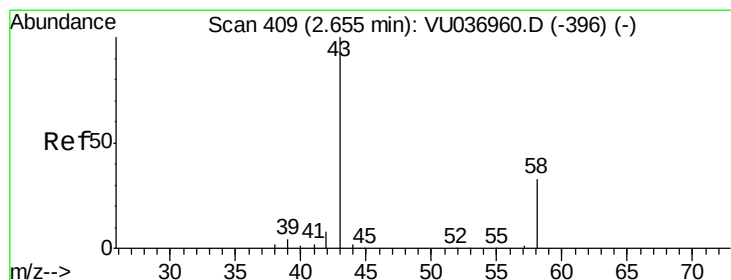
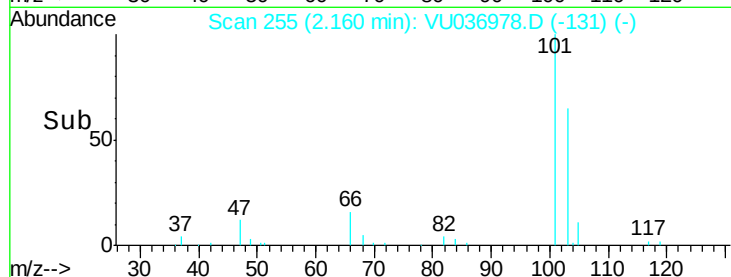
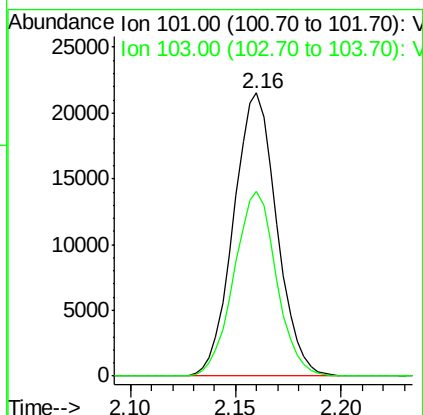
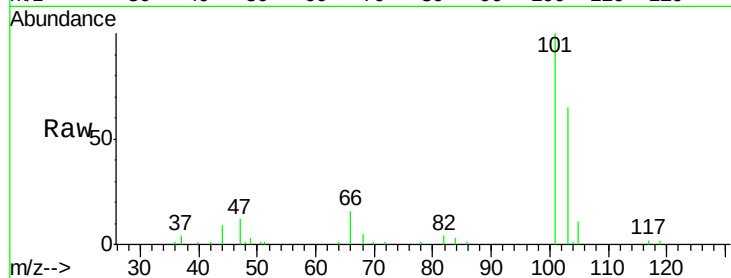




#9
 Trichlorofluoromethane
 Concen: 11.482 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036978.D
 Acq: 28 Feb 2020 17:23

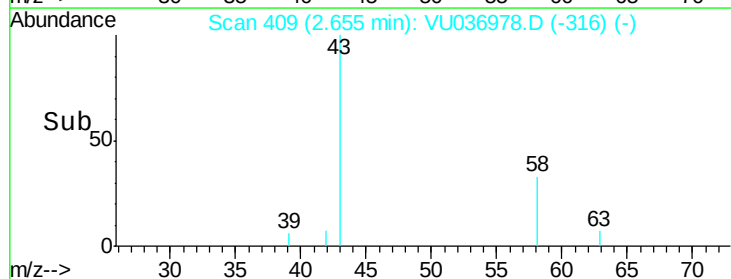
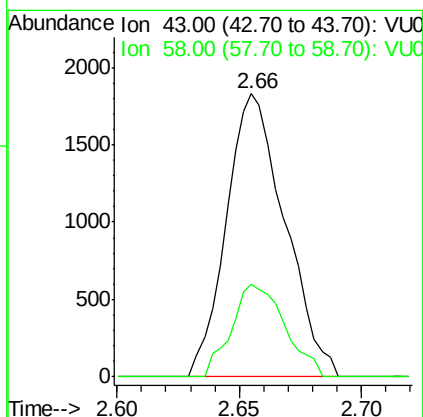
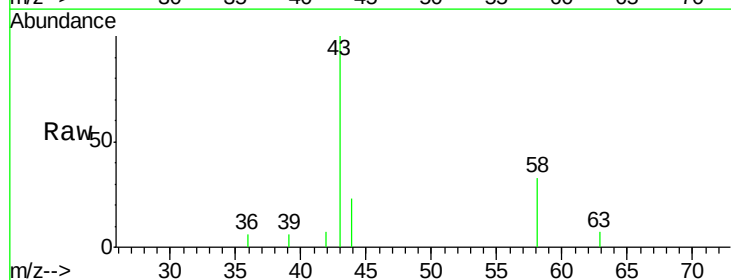
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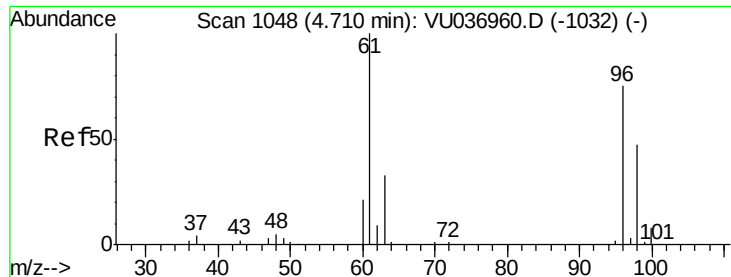
Tot Ion:101 Resp: 30627
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3



#13
 Acetone
 Concen: 2.099 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU036978.D
 Acq: 28 Feb 2020 17:23

Tgt Ion: 43 Resp: 3039
 Ion Ratio Lower Upper
 43 100
 58 29.7 0.0 64.6





#20

cis-1,2-Dichloroethene

Concen: 1.856 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

C0XW4

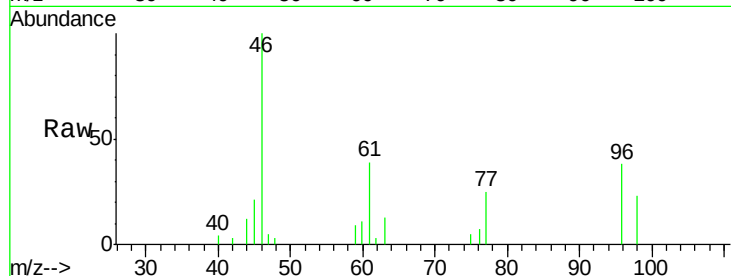
Tot Ion: 96 Resp: 3598

Ion Ratio Lower Upper

96 100

61 102.8 93.1 172.9

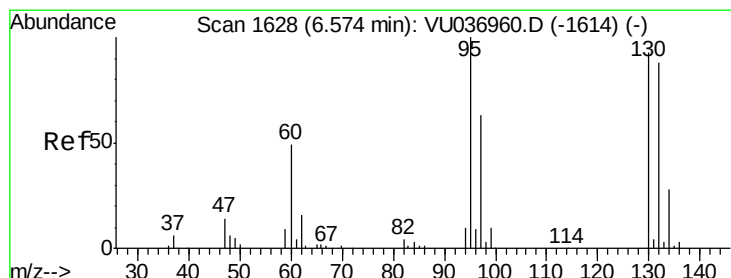
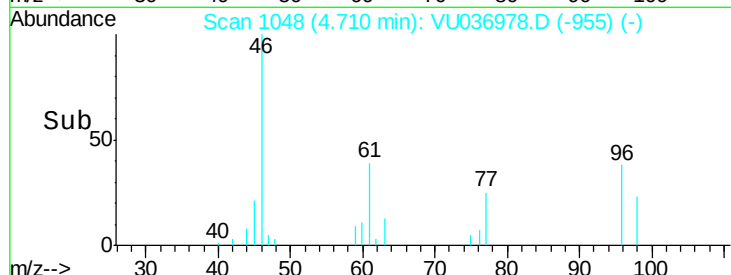
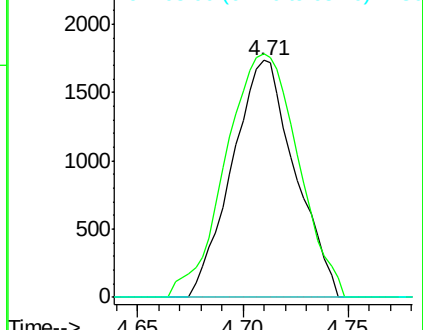
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036978.D (-1535) (-)

Ion 61.00 (60.70 to 61.70): VU036978.D (-1535) (-)

Ion 68.00 (67.70 to 68.70): VU036978.D (-1535) (-)



#34

Trichloroethene

Concen: 21.923 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036978.D

Acq: 28 Feb 2020 17:23

Tgt Ion: 95 Resp: 39659

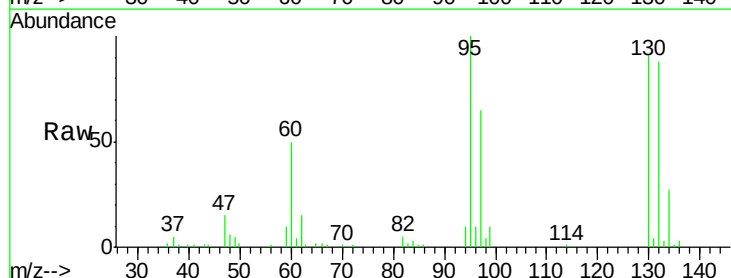
Ion Ratio Lower Upper

95 100

97 64.7 44.1 81.9

132 88.1 60.6 112.6

130 90.7 64.9 120.5

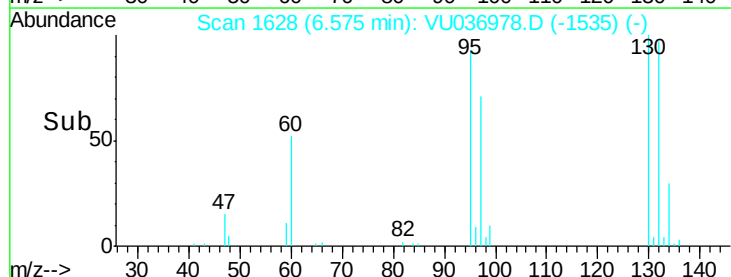
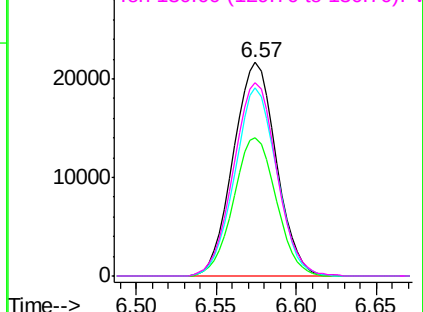


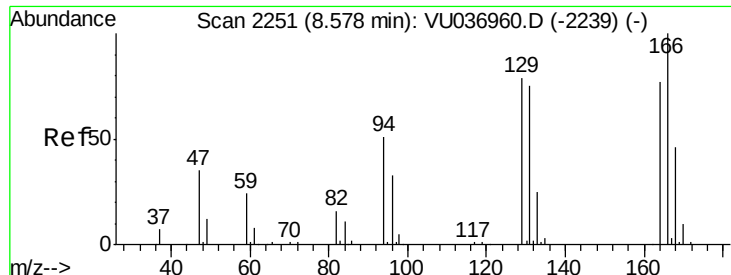
Abundance Ion 95.00 (94.70 to 95.70): VU036978.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036978.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036978.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036978.D (-1535) (-)





#46

Tetrachloroethene

Concen: 27.539 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036978.D

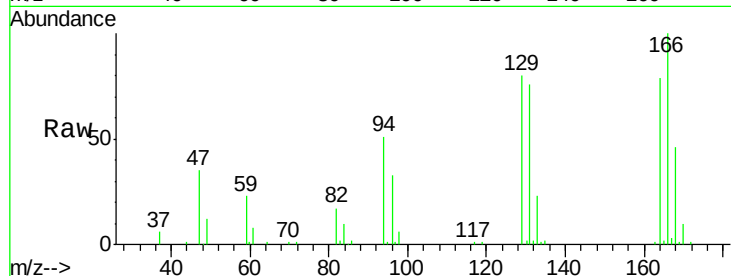
Acq: 28 Feb 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

C0XW4



Tot Ion:164 Resp: 32820

Ion Ratio Lower Upper

164 100

129 102.0 72.0 133.8

131 96.1 67.9 126.1

166 127.2 87.1 161.7

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

