

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036823.D
 Acq On : 17 Feb 2020 20:43
 Operator : JC/MD
 Sample : L1539-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK6

Quant Time: Feb 18 03:30:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	113663	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	106521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36555	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.93	69	37101	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	51954	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.67	46	106711	52.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	5.11	84	68916	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.74	65	40338	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	150539	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	49705	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	133345	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	16673	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.66	63	86529	47.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38483	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	40129	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

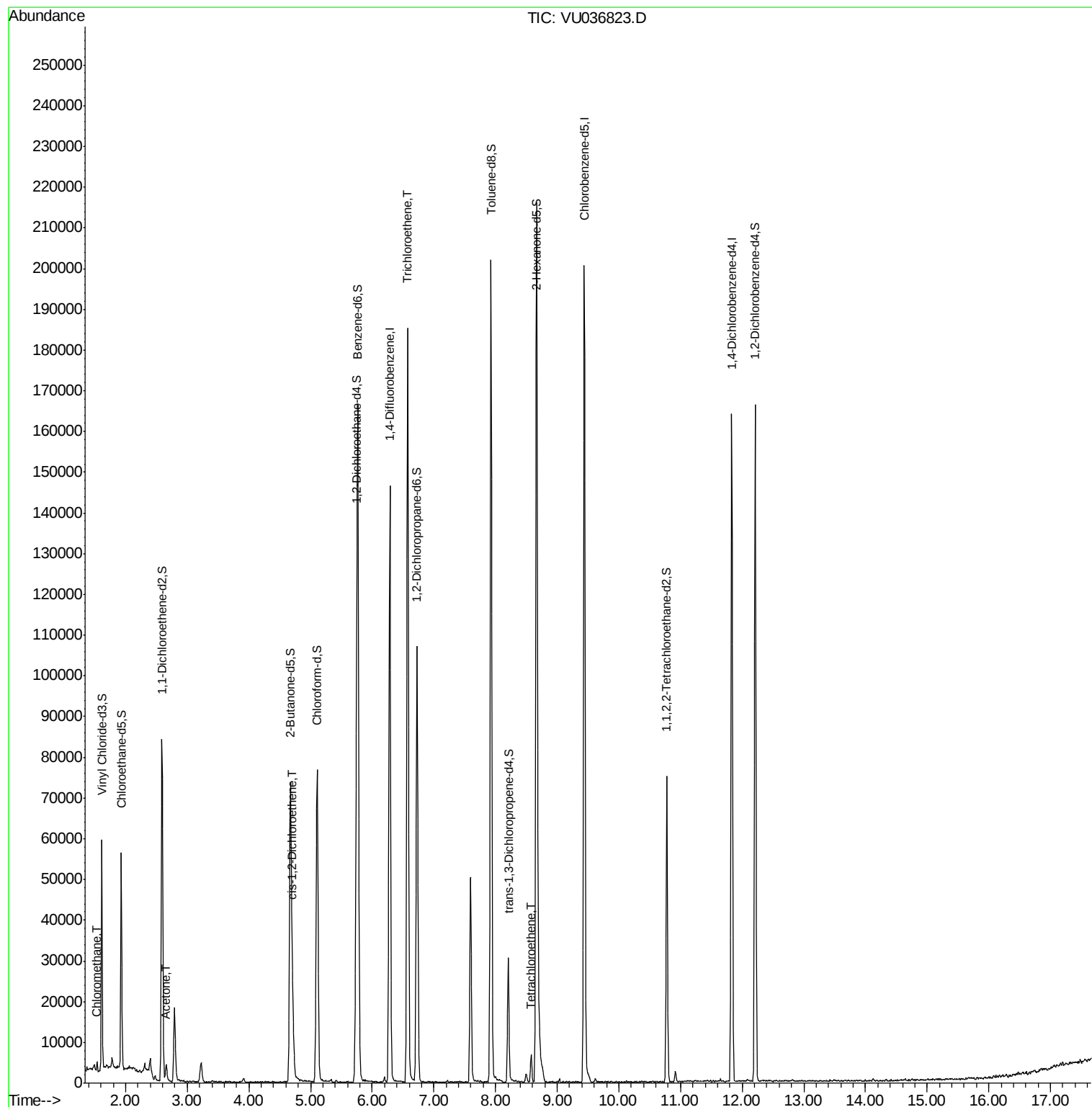
					Ovalue
3) Chloromethane	1.54	50	1775	0.227 ug/L	99
13) Acetone	2.66	43	4994	1.905 ug/L	91
22) cis-1,2-Dichloroethene	4.71	96	7229	0.837 ug/L	94
34) Trichloroethene	6.57	95	64190	7.671 ug/L	97
47) Tetrachloroethene	8.58	164	1343	0.236 ug/L	92

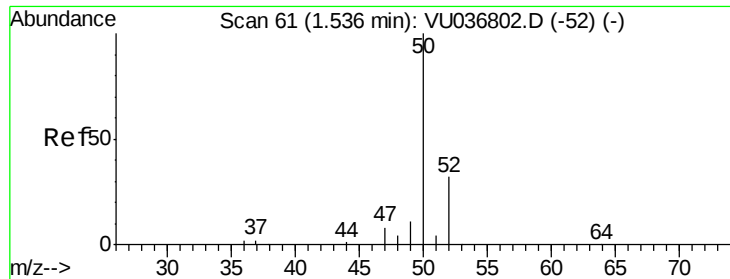
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.227 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

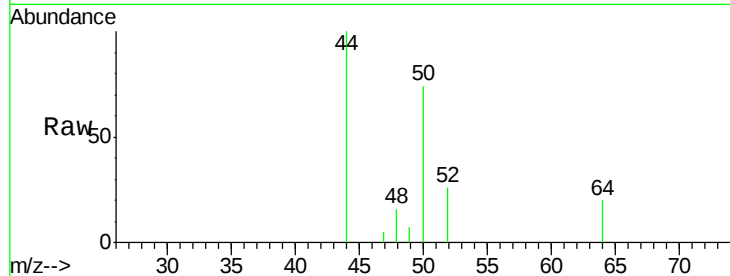
C0AK6

Tot Ion: 50 Resp: 1775

Ion Ratio Lower Upper

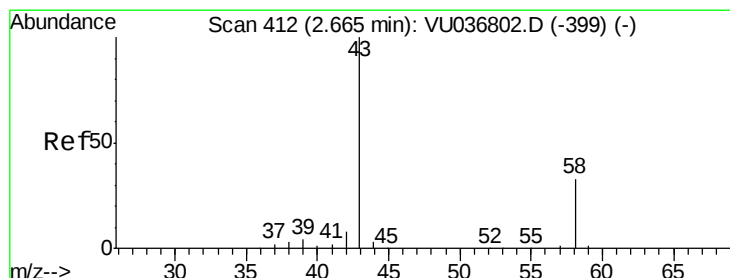
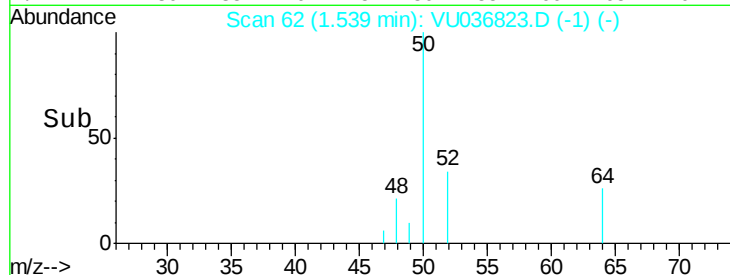
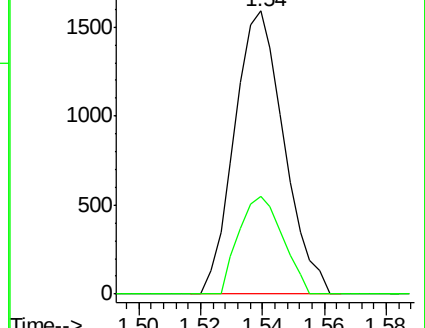
50 100

52 34.5 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036823.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU036823.D (-1) (-)



#13

Acetone

Concen: 1.905 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036823.D

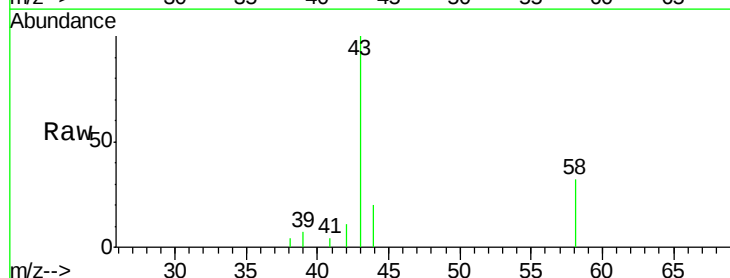
Acq: 17 Feb 2020 20:43

Tgt Ion: 43 Resp: 4994

Ion Ratio Lower Upper

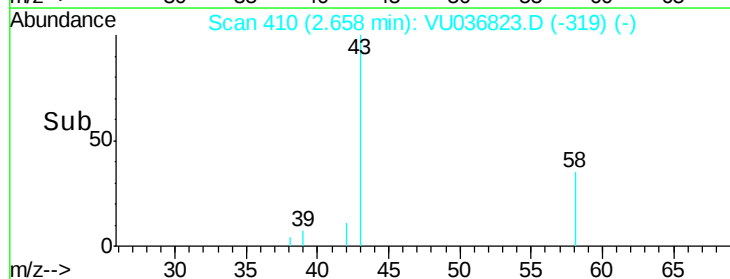
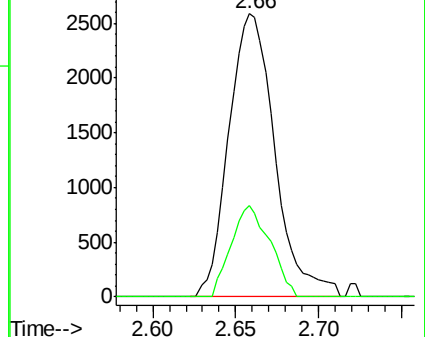
43 100

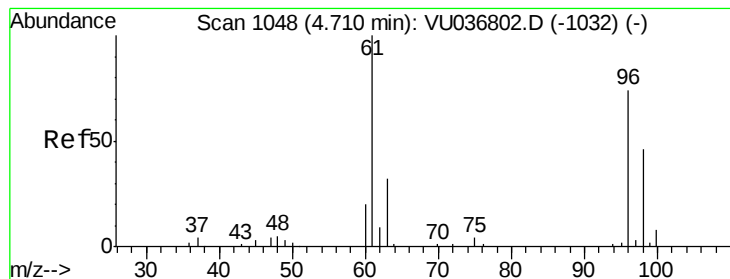
58 27.3 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036823.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU036823.D (-319) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.837 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036823.D

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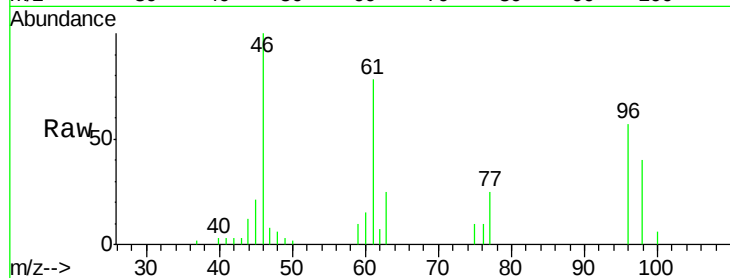
Tot Ion: 96 Resp: 7229

Ion Ratio Lower Upper

96 100

61 137.1 91.2 169.4

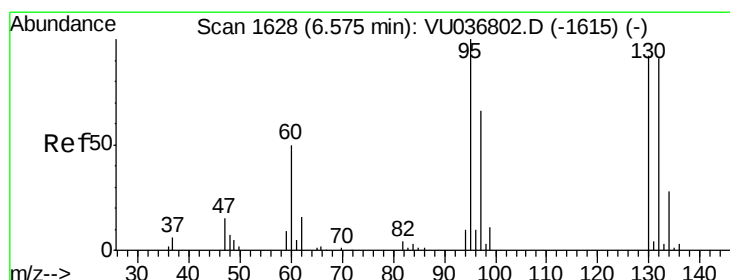
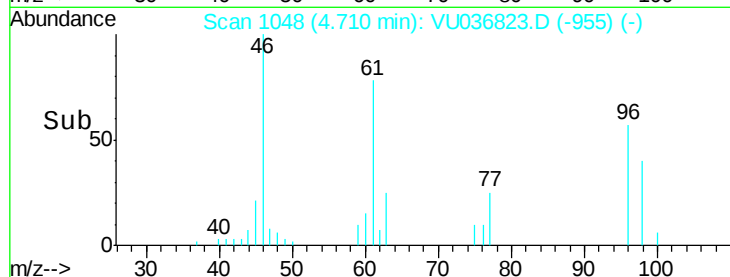
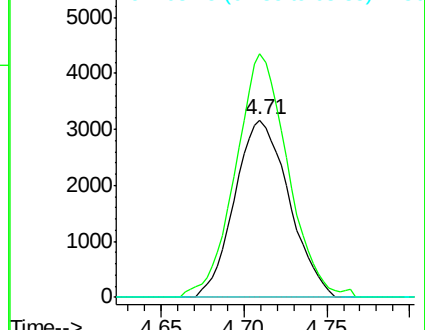
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036823.D (-1535) (-)

Ion 61.05 (60.75 to 61.75): VU036823.D (-1535) (-)

Ion 68.15 (67.85 to 68.85): VU036823.D (-1535) (-)



#34

Trichloroethene

Concen: 7.671 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036823.D

Acq: 17 Feb 2020 20:43

Tgt Ion: 95 Resp: 64190

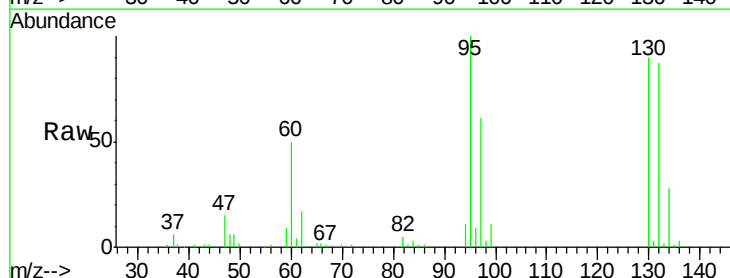
Ion Ratio Lower Upper

95 100

97 60.8 45.6 84.8

132 86.8 62.8 116.6

130 89.6 63.8 118.4

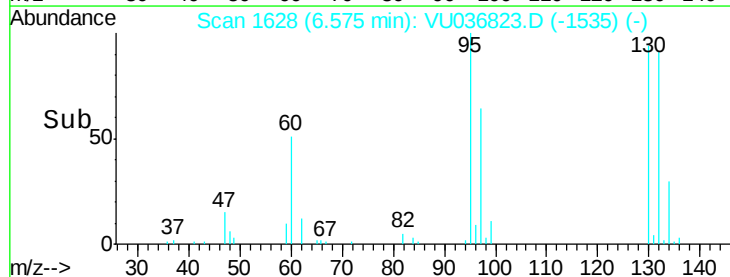
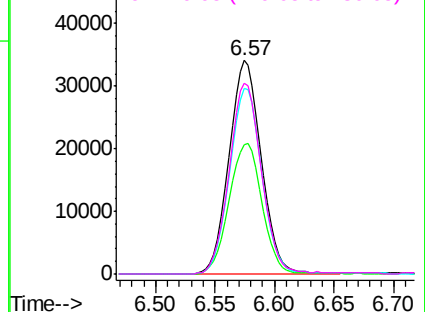


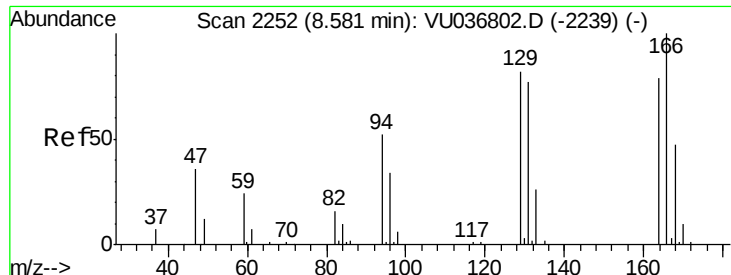
Abundance Ion 95.00 (94.70 to 95.70): VU036823.D (-1535) (-)

Ion 96.95 (96.65 to 97.65): VU036823.D (-1535) (-)

Ion 131.95 (131.65 to 132.65): VU036823.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU036823.D (-1535) (-)





#47

Tetrachloroethene

Concen: 0.236 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036823.D

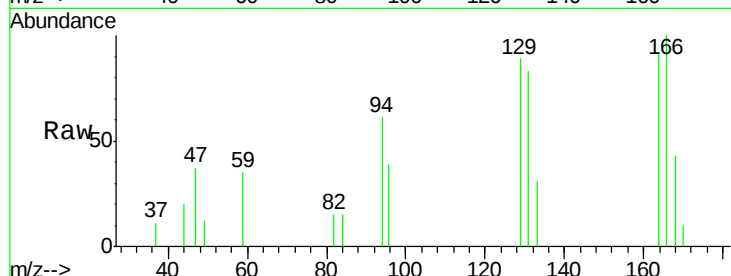
Acq: 17 Feb 2020 20:43

Instrument :

MSVOA_U

ClientSampleId :

C0AK6



Tot Ion:164 Resp: 1343

Ion Ratio Lower Upper

164 100

129 97.5 68.0 126.4

131 90.3 69.4 128.8

166 109.2 86.6 160.8

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

