

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036974.D
 Acq On : 28 Feb 2020 15:30
 Operator : JC/MD
 Sample : L1730-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XT7

Quant Time: Feb 29 03:22:22 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	250220	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86219	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.06%
7) Chloroethane-d5	1.93	69	79244	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.16%
11) 1,1-Dichloroethene-d2	2.59	63	113133	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.67	46	152201	107.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	5.11	84	154678	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	106824	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.76	84	338652	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.72	67	110392	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.66%
41) Toluene-d8	7.92	98	305141	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	47133	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.56%
47) 2-Hexanone-d5	8.66	63	108828	100.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	154251	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	90840	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%

Target Compounds

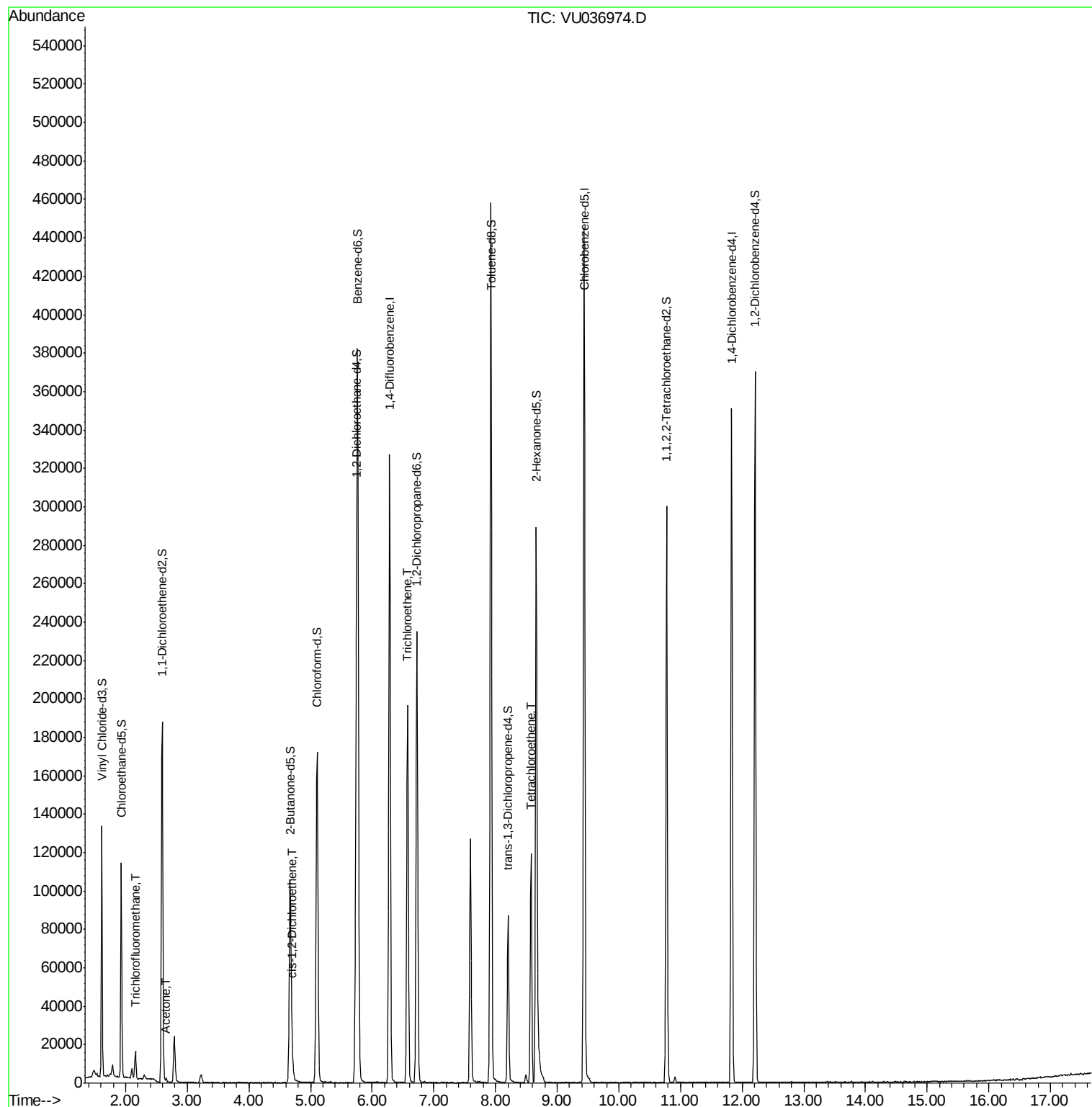
					Ovalue
9) Trichlorofluoromethane	2.16	101	8323	3.116 ug/L	96
13) Acetone	2.66	43	2625	1.811 ug/L	90
20) cis-1,2-Dichloroethene	4.71	96	3079	1.586 ug/L	88
34) Trichloroethene	6.57	95	66726	36.340 ug/L	99
46) Tetrachloroethene	8.57	164	24085	19.911 ug/L	96

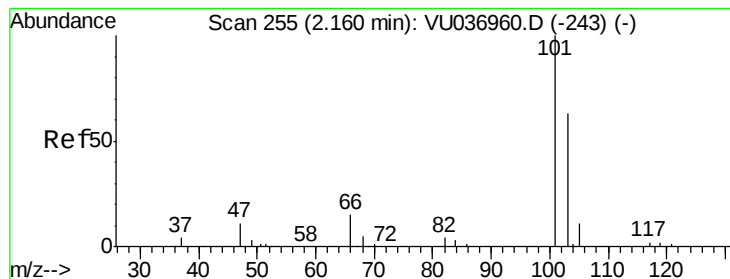
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.116 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

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ClientSampleId :

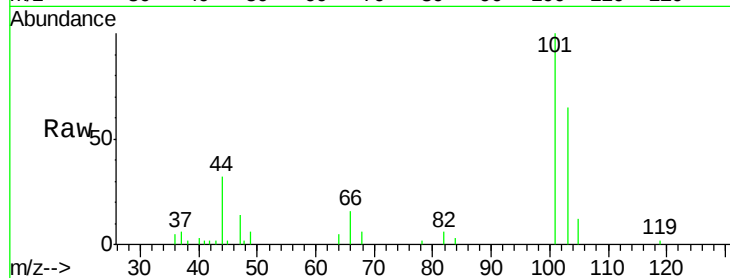
C0XT7

Tot Ion:101 Resp: 8323

Ion Ratio Lower Upper

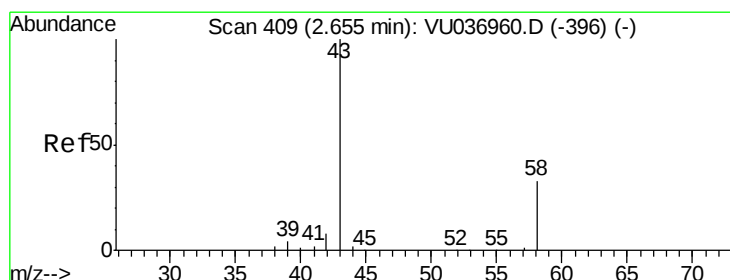
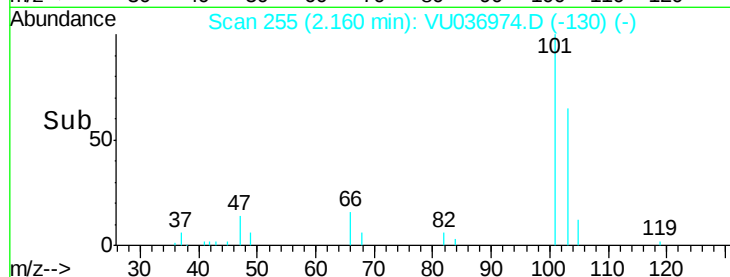
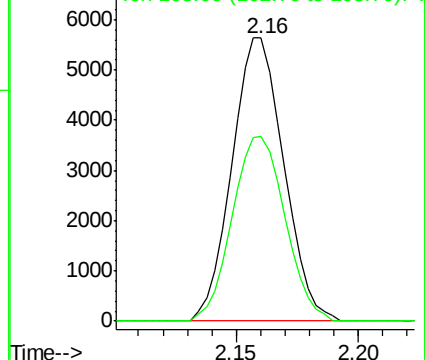
101 100

103 66.5 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.811 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036974.D

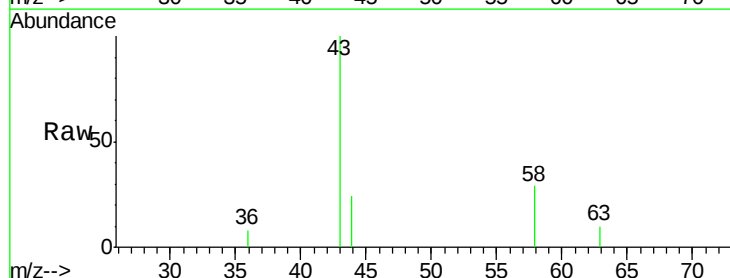
Acq: 28 Feb 2020 15:30

Tgt Ion: 43 Resp: 2625

Ion Ratio Lower Upper

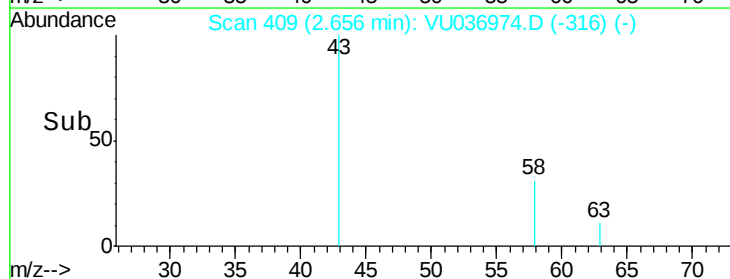
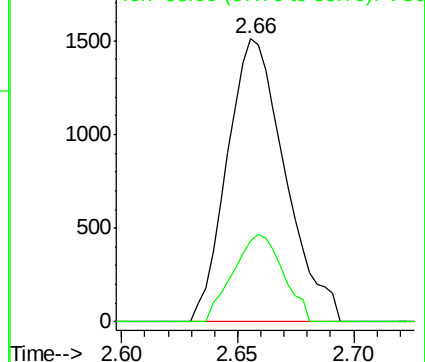
43 100

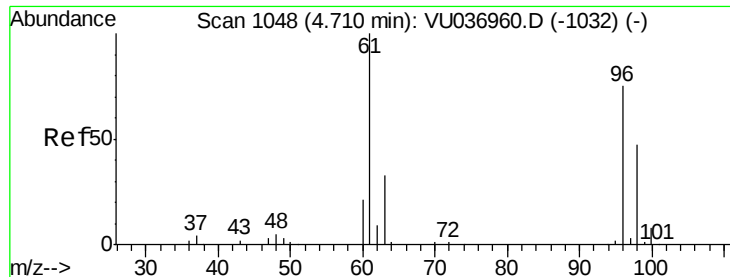
58 26.7 0.0 64.6



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: 1.586 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

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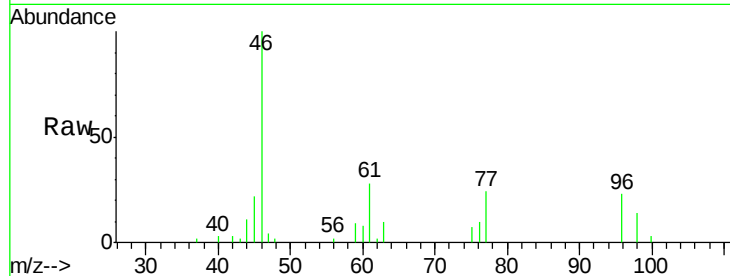
Tot Ion: 96 Resp: 3079

Ion Ratio Lower Upper

96 100

61 118.9 93.1 172.9

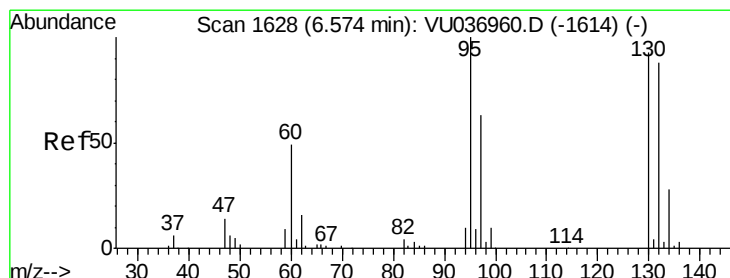
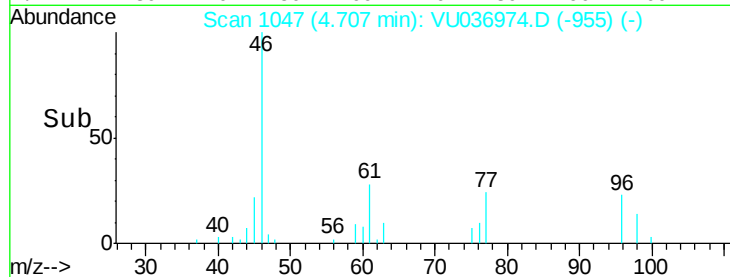
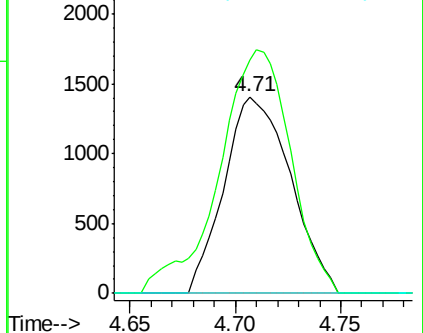
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036974.D (-1535) (-)

Ion 61.00 (60.70 to 61.70): VU036974.D (-1535) (-)

Ion 68.00 (67.70 to 68.70): VU036974.D (-1535) (-)



#34

Trichloroethene

Concen: 36.340 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036974.D

Acq: 28 Feb 2020 15:30

Tgt Ion: 95 Resp: 66726

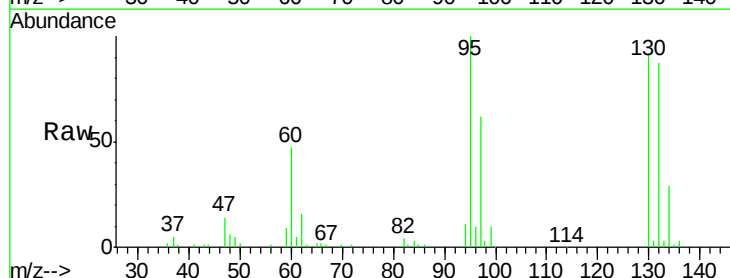
Ion Ratio Lower Upper

95 100

97 62.4 44.1 81.9

132 86.7 60.6 112.6

130 91.4 64.9 120.5

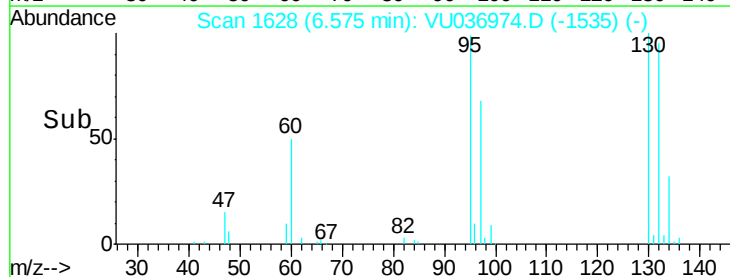
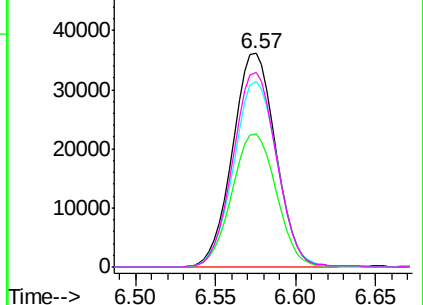


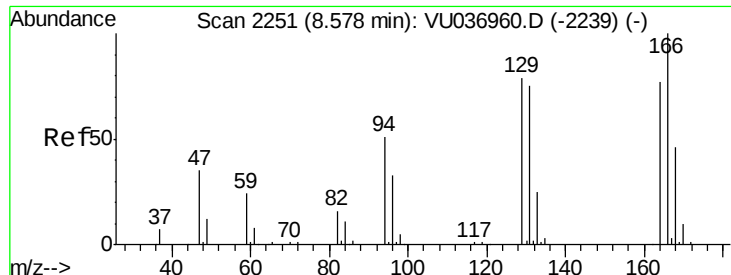
Abundance Ion 95.00 (94.70 to 95.70): VU036974.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036974.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036974.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036974.D (-1535) (-)





#46

Tetrachloroethene

Concen: 19.911 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036974.D

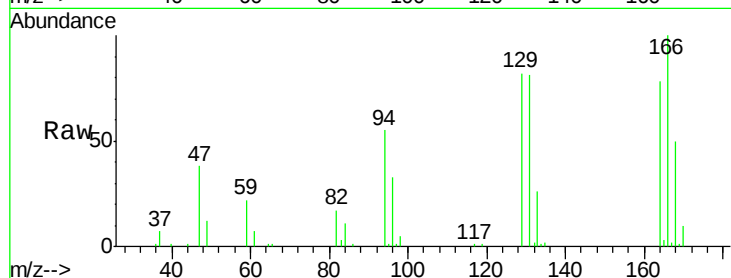
Acq: 28 Feb 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

C0XT7



Tot Ion:164 Resp: 24085

Ion Ratio Lower Upper

164 100

129 105.3 72.0 133.8

131 104.0 67.9 126.1

166 128.6 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

