

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036975.D
 Acq On : 28 Feb 2020 16:15
 Operator : JC/MD
 Sample : L1686-08MEDL 5X
 Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW05MEDL

Quant Time: Feb 29 03:05:31 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	247417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239721	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78309	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.38%
7) Chloroethane-d5	1.91	69	71603	41.65	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.30%
11) 1,1-Dichloroethene-d2	2.58	63	106139	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.00%
21) 2-Butanone-d5	4.67	46	144601	103.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.75%
24) Chloroform-d	5.10	84	144736	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.74	65	102574	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
32) Benzene-d6	5.76	84	322462	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.72	67	108150	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.92	98	298636	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%
43) trans-1,3-Dichloropropene-	8.20	79	47294	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.66	63	113507	103.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159018	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	95107	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

Target Compounds

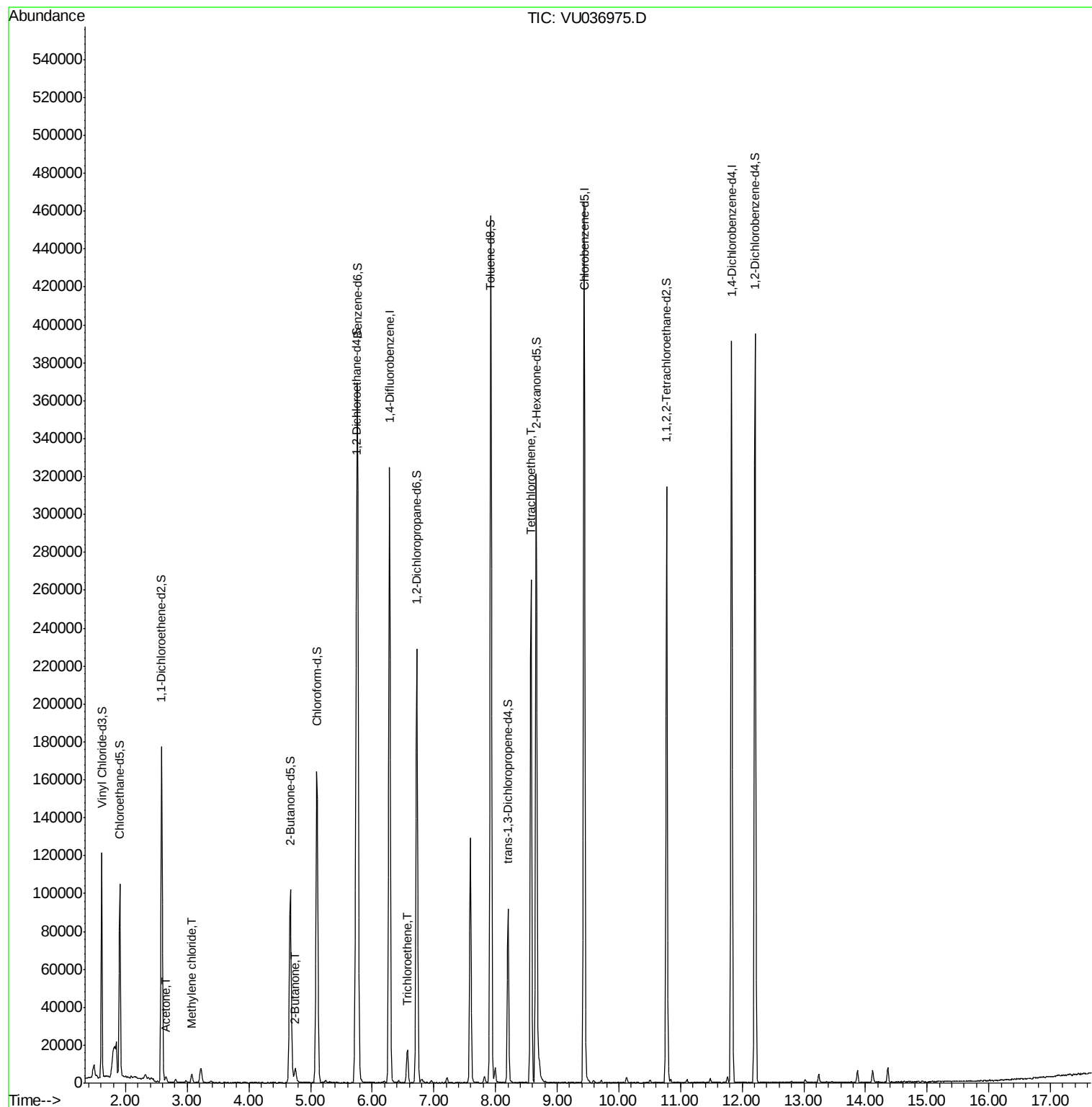
					Ovalue
13) Acetone	2.66	43	3466	2.418 ug/L	90
16) Methylene chloride	3.08	84	2252	1.155 ug/L	85
22) 2-Butanone	4.75	43	11013	6.371 ug/L	99
34) Trichloroethene	6.57	95	5265	2.829 ug/L	96
46) Tetrachloroethene	8.57	164	53787	43.865 ug/L	99

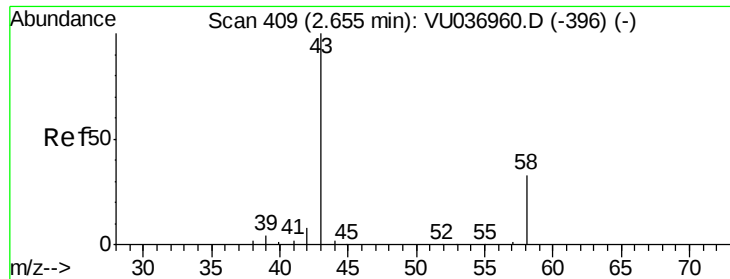
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 29 00:30:49 2020
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#13

Acetone

Concen: 2.418 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

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MSVOA_U

ClientSampleId :

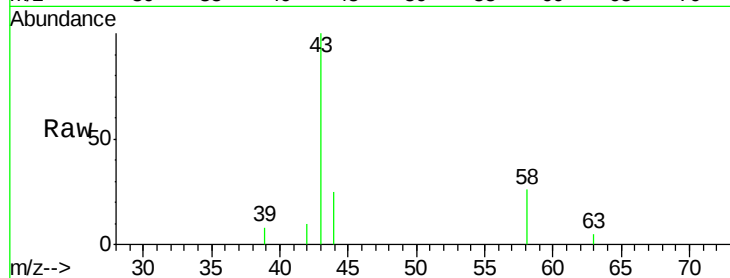
GAW05MEDL

Tot Ion: 43 Resp: 3466

Ion Ratio Lower Upper

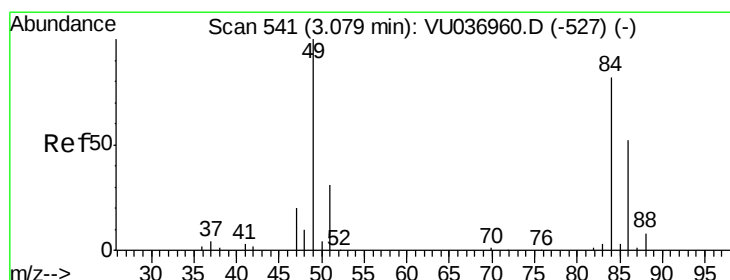
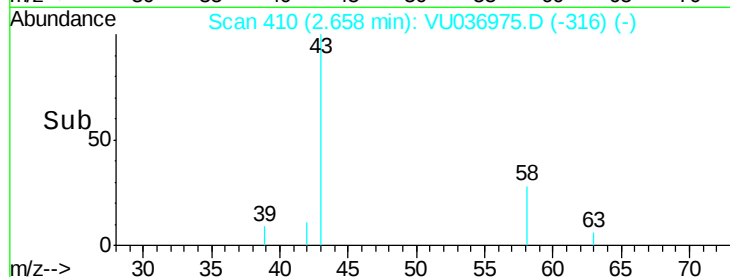
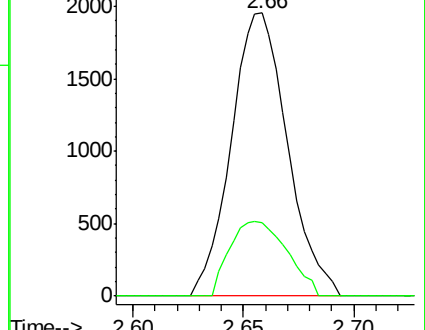
43 100

58 26.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036975.D (-410) (-)

Ion 58.00 (57.70 to 58.70): VU036975.D (-410) (-)



#16

Methylene chloride

Concen: 1.155 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

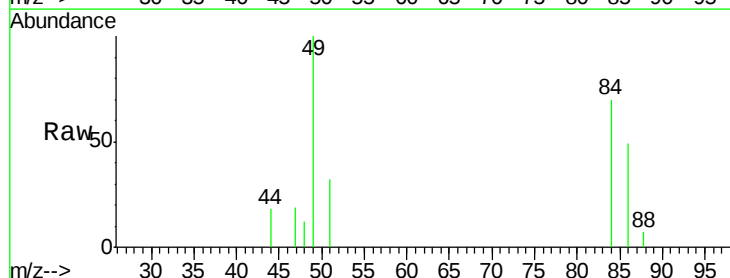
Tgt Ion: 84 Resp: 2252

Ion Ratio Lower Upper

84 100

86 70.0 44.4 82.5

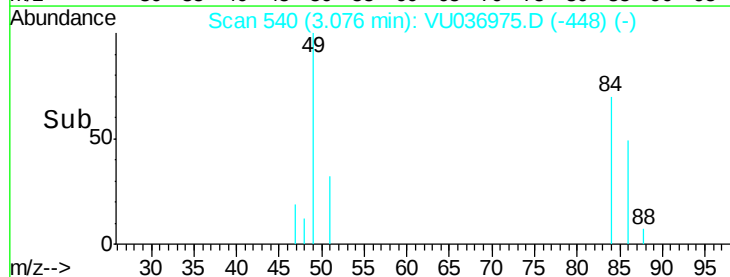
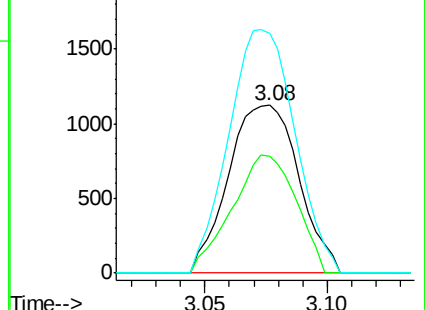
49 142.7 85.9 159.5

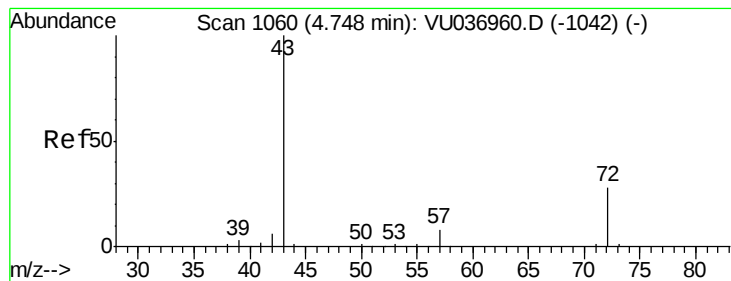


Abundance Ion 84.00 (83.70 to 84.70): VU036975.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU036975.D (-540) (-)

Ion 49.00 (48.70 to 49.70): VU036975.D (-540) (-)





#22

2-Butanone

Concen: 6.371 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

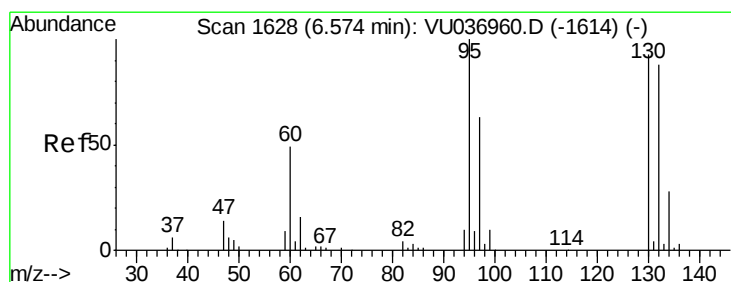
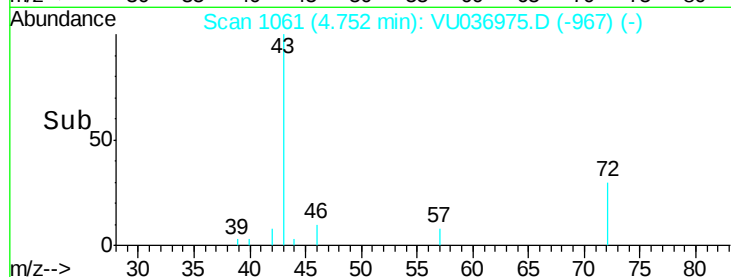
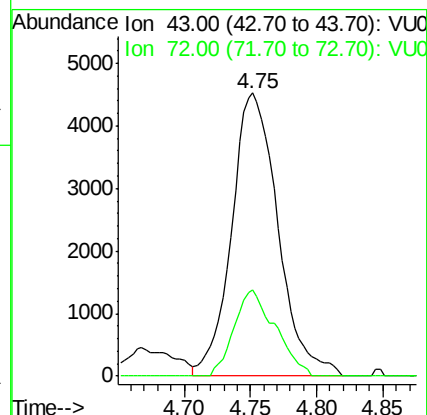
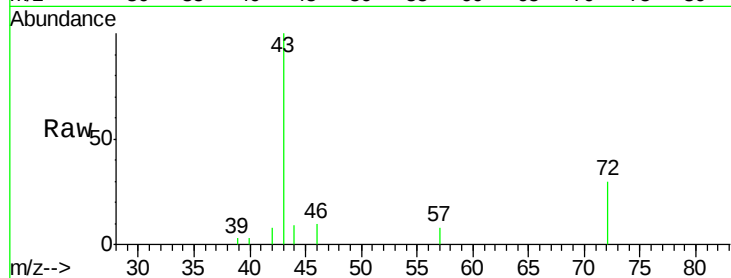
GAW05MEDL

Tot Ion: 43 Resp: 11013

Ion Ratio Lower Upper

43 100

72 27.1 13.9 41.6



#34

Trichloroethene

Concen: 2.829 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU036975.D

Acq: 28 Feb 2020 16:15

Tgt Ion: 95 Resp: 5265

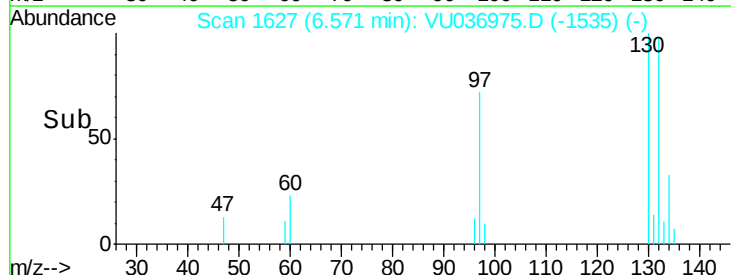
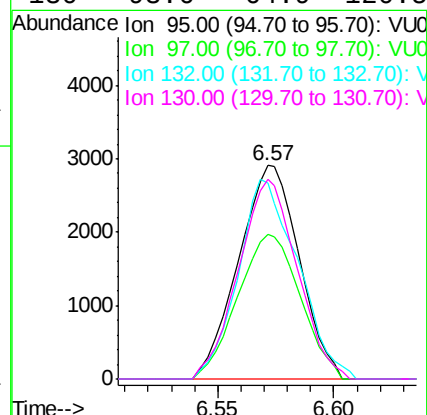
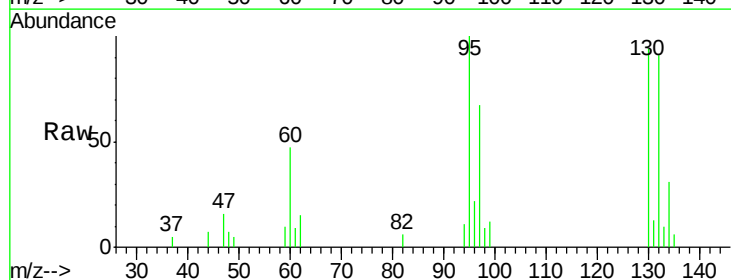
Ion Ratio Lower Upper

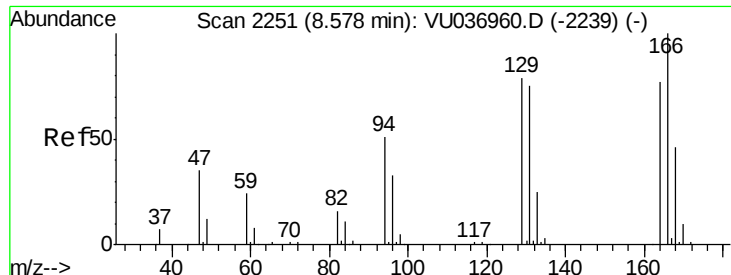
95 100

97 67.5 44.1 81.9

132 91.4 60.6 112.6

130 93.6 64.9 120.5





#46

Tetrachloroethene

Concen: 43.865 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036975.D

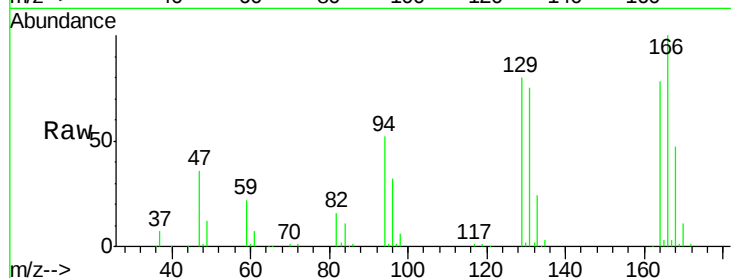
Acq: 28 Feb 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

GAW05MEDL



Tot Ion:164 Resp: 53787

Ion Ratio Lower Upper

164 100

129 102.9 72.0 133.8

131 96.6 67.9 126.1

166 128.5 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

