

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039489.D
 Acq On : 14 Jul 2020 17:02
 Operator : SY/MD
 Sample : L3296-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF7

Quant Time: Jul 15 07:26:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	95362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23739	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.92	69	29075	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	38067	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.65	46	119206	47.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	5.08	84	49218	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.72	65	34238	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.75	84	105170	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	35694	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.91	98	91172	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.19	79	14901	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	85666	42.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32905	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	36332	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

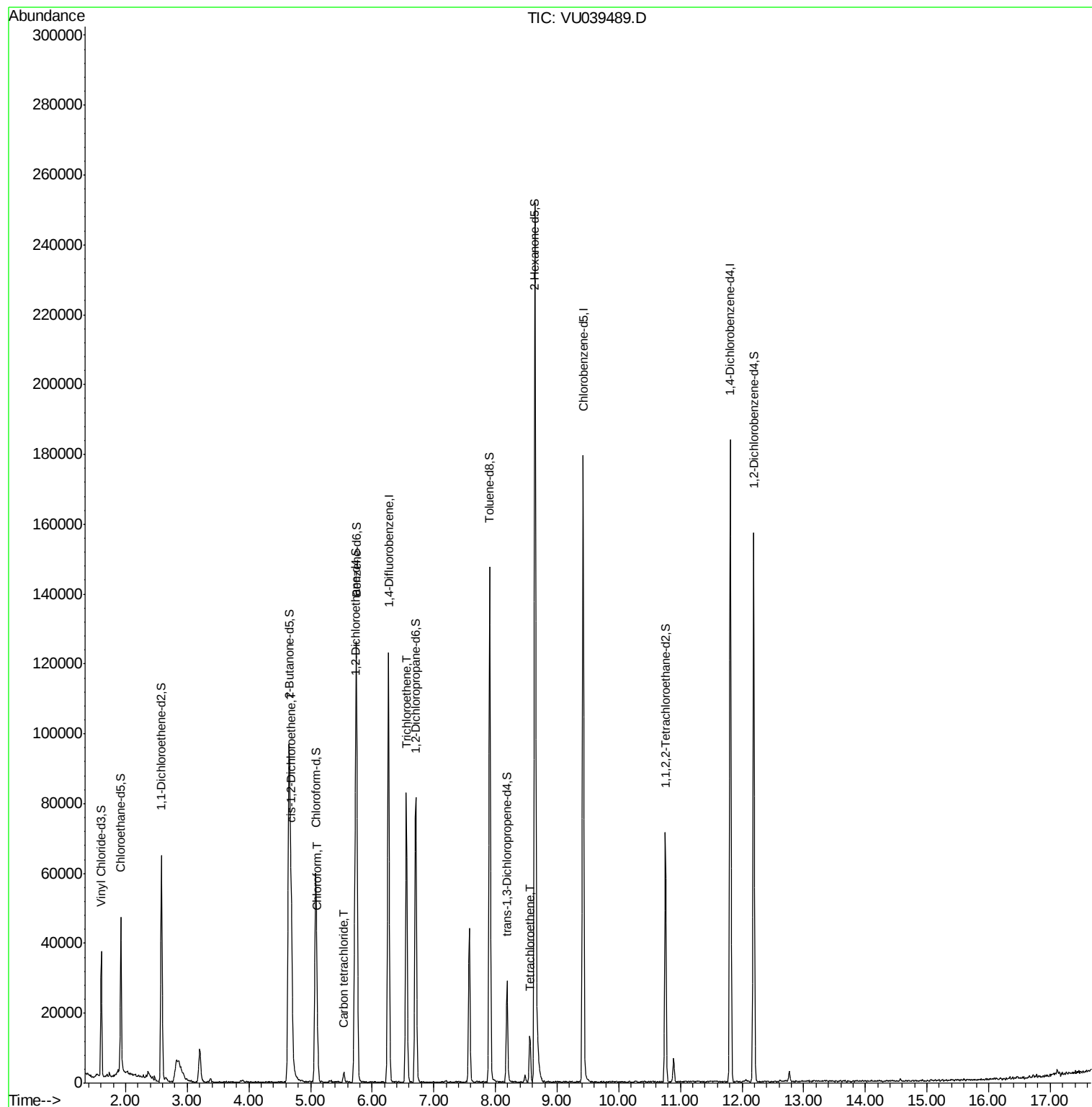
					Ovalue
22) cis-1,2-Dichloroethene	4.69	96	13740	1.952	ug/L 88
25) Chloroform	5.11	83	8494	0.685	ug/L 95
31) Carbon tetrachloride	5.55	117	1680	0.186	ug/L 98
34) Trichloroethene	6.56	95	25356	3.640	ug/L 97
47) Tetrachloroethene	8.56	164	2659	0.549	ug/L 92

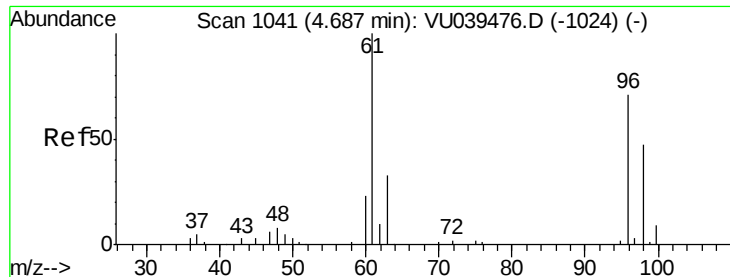
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.952 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039489.D

Acq: 14 Jul 2020 17:02

Instrument :

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ClientSampleId :

C0AF7

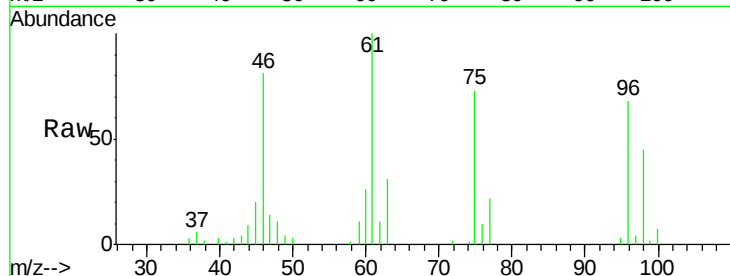
Tot Ion: 96 Resp: 13740

Ion Ratio Lower Upper

96 100

61 147.2 92.8 172.4

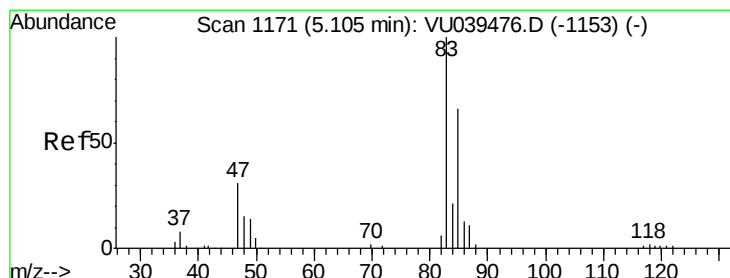
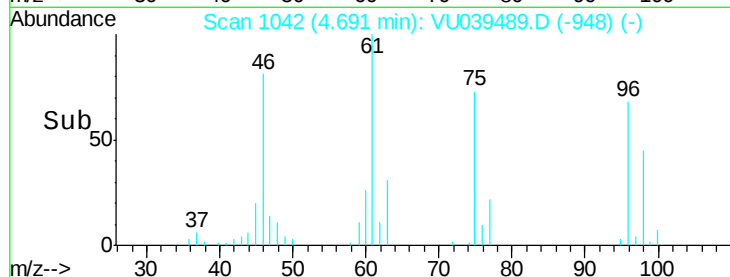
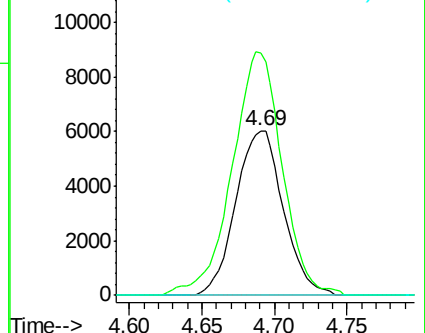
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039489.D (-1048) (-)

Ion 61.05 (60.75 to 61.75): VU039489.D (-1048) (-)

Ion 68.15 (67.85 to 68.85): VU039489.D (-1048) (-)



#25

Chloroform

Concen: 0.685 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039489.D

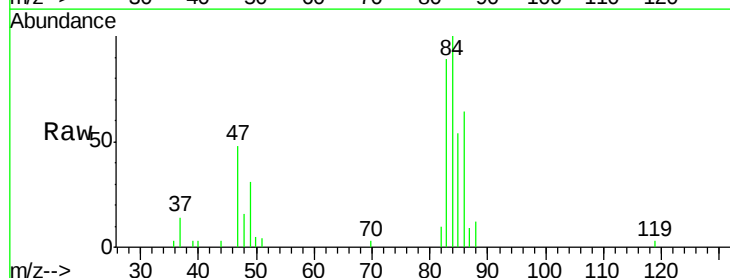
Acq: 14 Jul 2020 17:02

Tgt Ion: 83 Resp: 8494

Ion Ratio Lower Upper

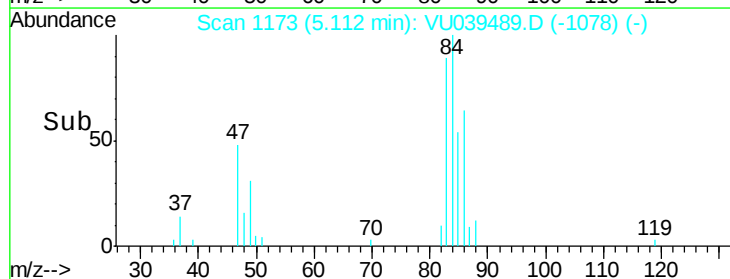
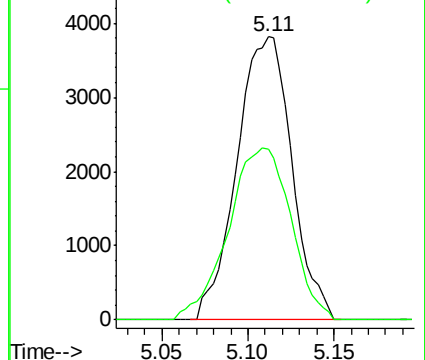
83 100

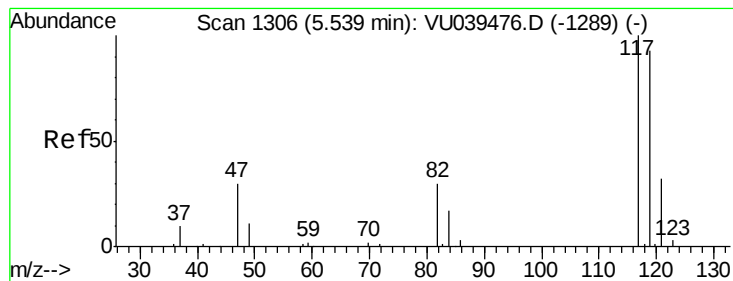
85 60.2 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039489.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039489.D (-1078) (-)





#31

Carbon tetrachloride

Concen: 0.186 ug/L

RT: 5.55 min Scan# 1308

Delta R.T. 0.01 min

Lab File: VU039489.D

Acq: 14 Jul 2020 17:02

Instrument :

MSVOA_U

ClientSampled :

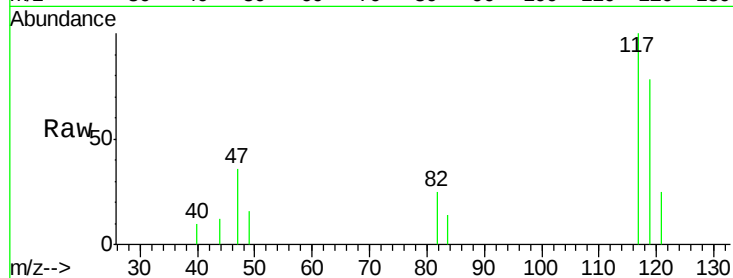
C0AF7

Tot Ion:117 Resp: 1680

Ion Ratio Lower Upper

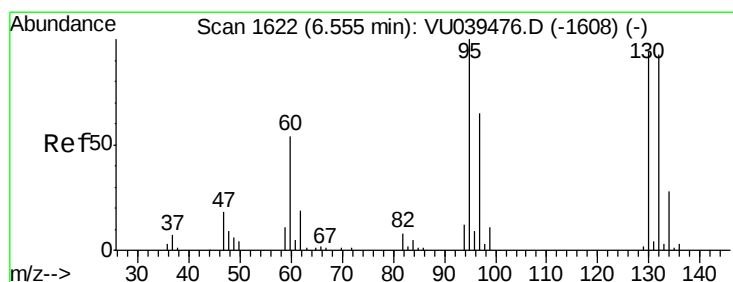
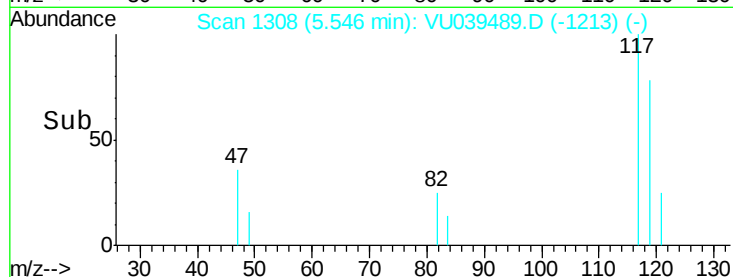
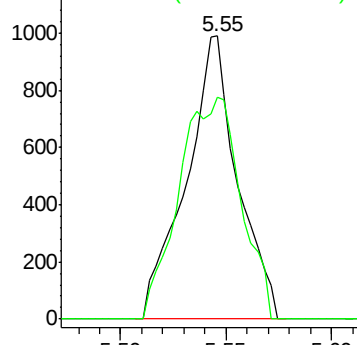
117 100

119 94.3 77.4 116.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 3.640 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039489.D

Acq: 14 Jul 2020 17:02

Tgt Ion: 95 Resp: 25356

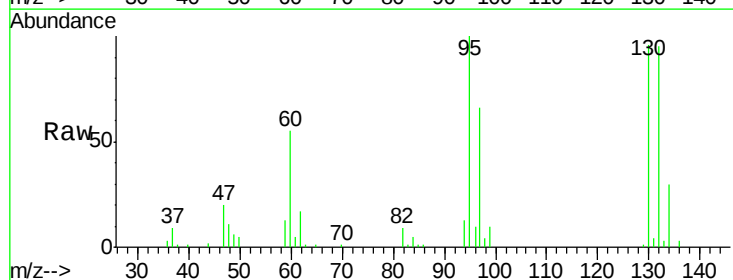
Ion Ratio Lower Upper

95 100

97 66.5 46.3 85.9

132 94.6 64.0 118.8

130 95.8 64.3 119.5

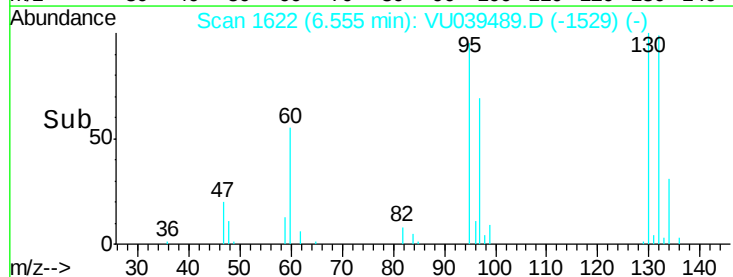
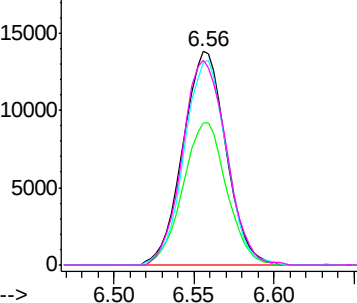


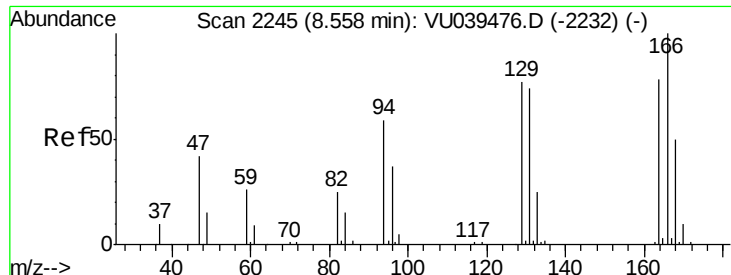
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.549 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039489.D

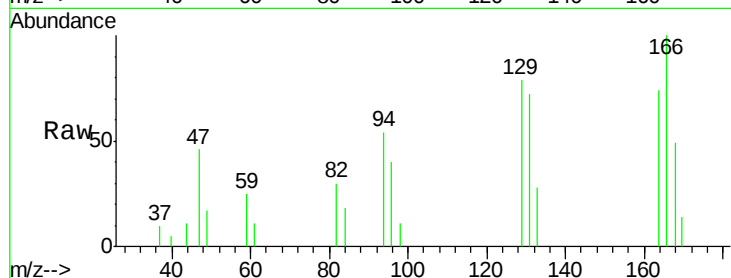
Acq: 14 Jul 2020 17:02

Instrument :

MSVOA_U

ClientSampleId :

C0AF7



Tot Ion:164 Resp: 2659

Ion Ratio Lower Upper

164 100

129 107.0 68.6 127.4

131 98.1 66.4 123.4

166 135.5 85.9 159.5

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

