

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036092.D
 Acq On : 10 Dec 2019 18:46
 Operator : JC/MD
 Sample : K6168-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE47

Quant Time: Dec 11 08:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	281690	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84330	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123674	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.93	69	117798	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.60	63	153247	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.69	46	238179	55.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	5.11	84	194103	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	105210	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	384682	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	120894	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	306426	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.22	79	42507	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.70	63	188840	51.85	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.70%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111739	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	82957	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

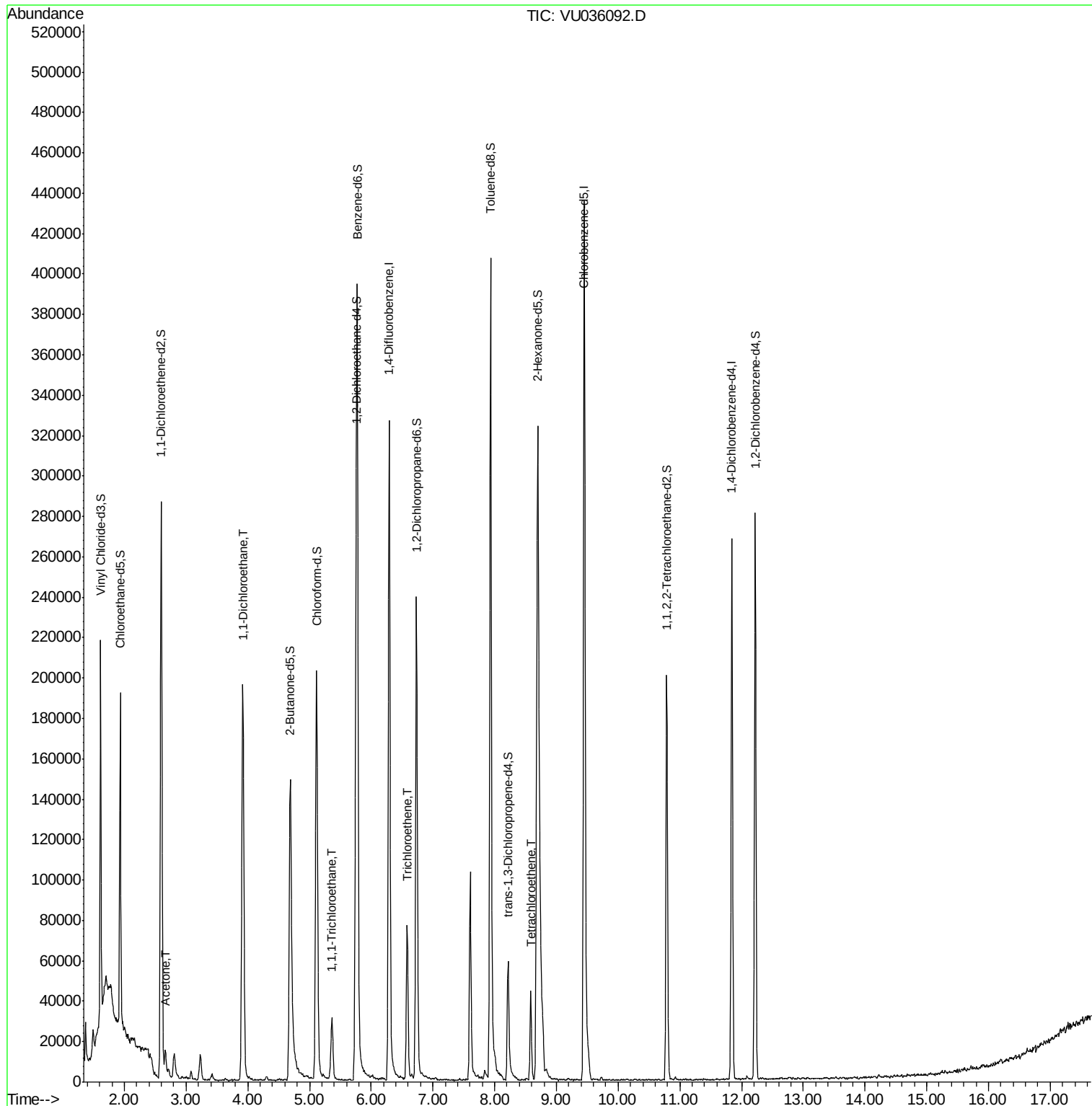
					Ovalue
13) Acetone	2.67	43	12908	2.377 ug/L	99
19) 1,1-Dichloroethane	3.92	63	230785	6.147 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	21792	0.611 ug/L	97
34) Trichloroethene	6.58	95	26193	1.141 ug/L	92
47) Tetrachloroethene	8.58	164	10726	0.491 ug/L	96

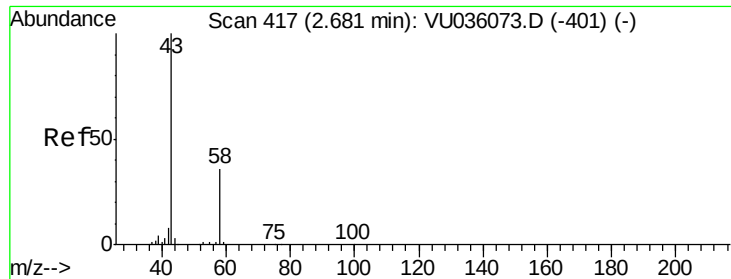
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
Data File : VU036092.D
Acq On : 10 Dec 2019 18:46
Operator : JC/MD
Sample : K6168-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE47

Quant Time: Dec 11 08:04:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration

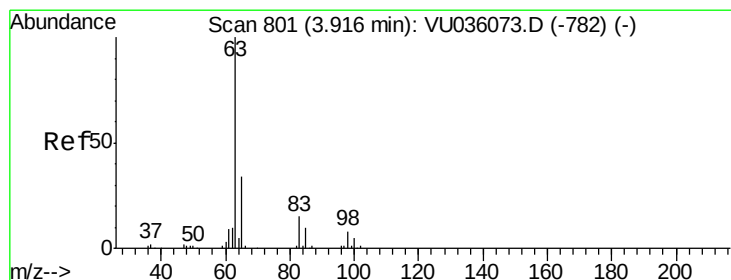
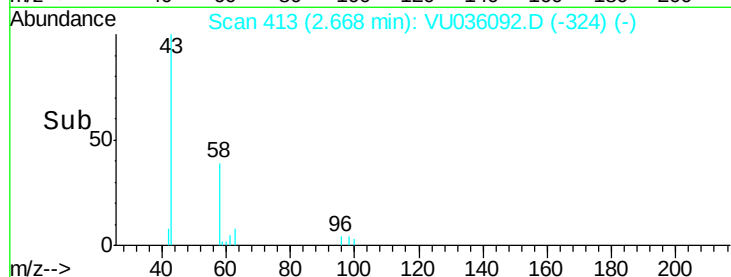
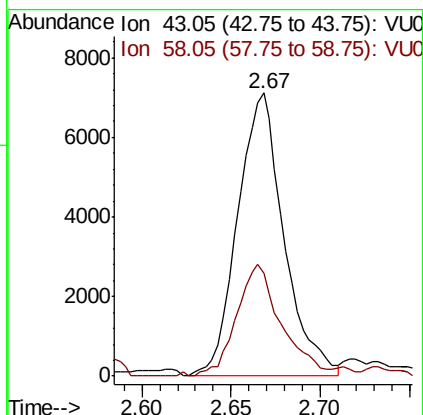
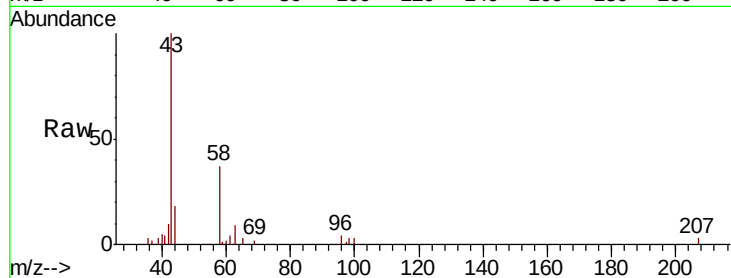




#13
Acetone
Concen: 2.377 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU036092.D
Acq: 10 Dec 2019 18:46

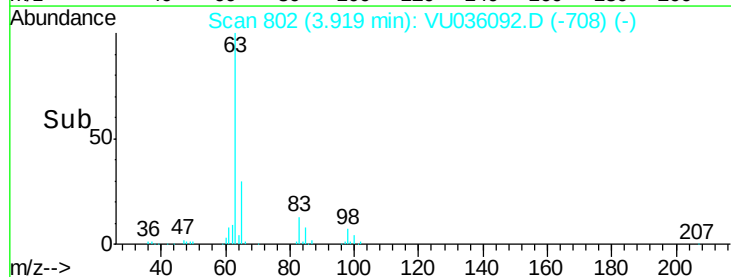
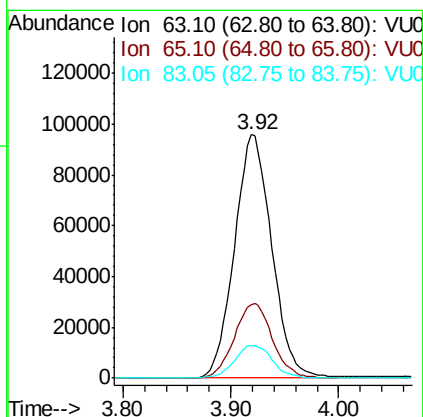
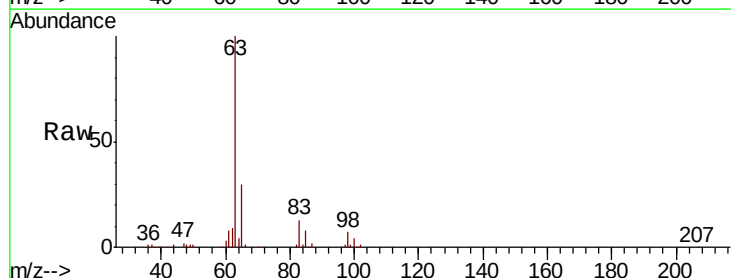
Instrument :
MSVOA_U
ClientSampleId :
BFE47

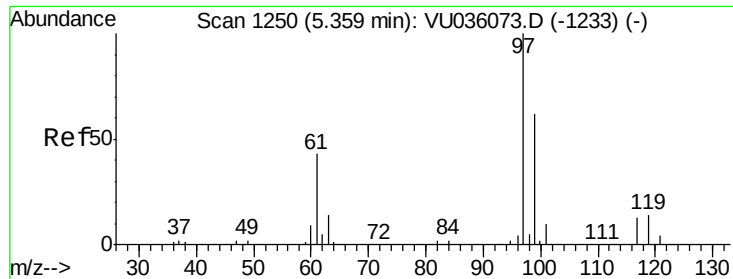
Tot Ion: 43 Resp: 12908
Ion Ratio Lower Upper
43 100
58 38.0 0.0 74.2



#19
1,1-Dichloroethane
Concen: 6.147 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036092.D
Acq: 10 Dec 2019 18:46

Tgt Ion: 63 Resp: 230785
Ion Ratio Lower Upper
63 100
65 30.3 21.8 40.4
83 13.5 10.1 18.9

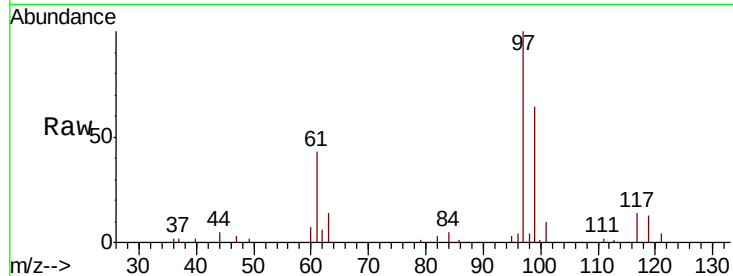




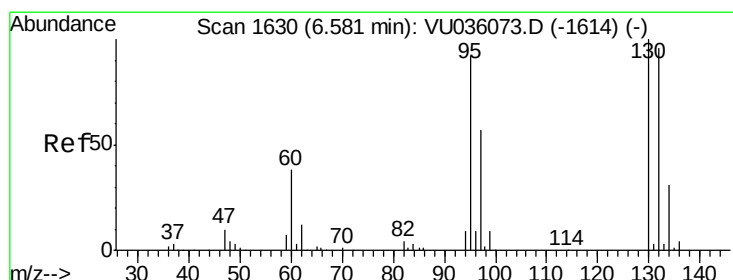
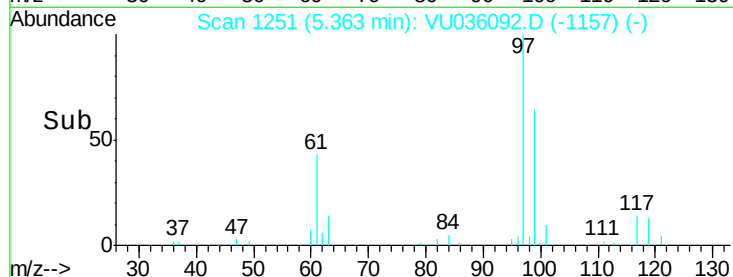
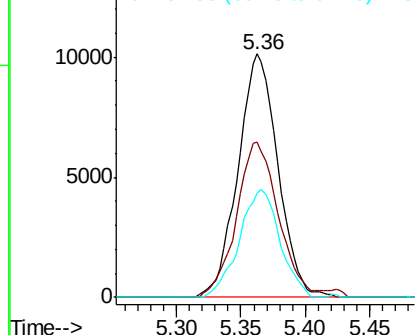
#29
1,1,1-Trichloroethane
Concen: 0.611 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036092.D
Acq: 10 Dec 2019 18:46

Instrument :
MSVOA_U
ClientSampleId :
BFE47

Tot Ion: 97 Resp: 21792
Ion Ratio Lower Upper
97 100
99 67.5 52.2 78.2
61 45.1 34.7 52.1

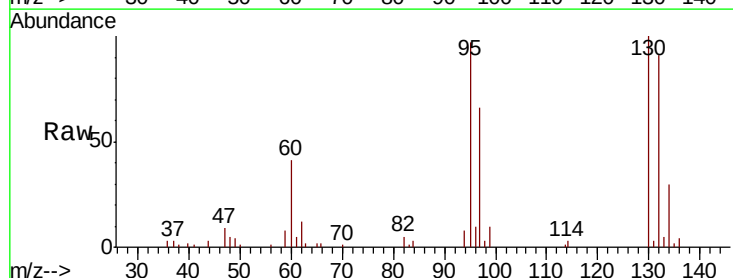


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

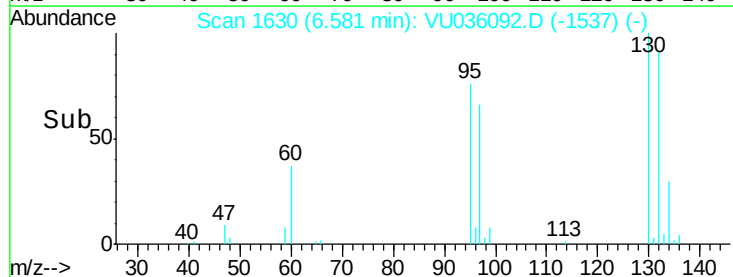
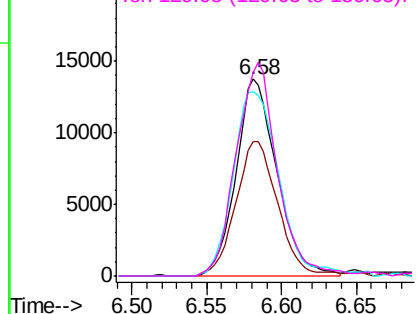


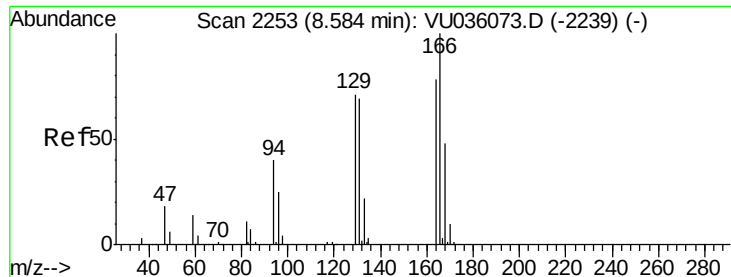
#34
Trichloroethene
Concen: 1.141 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036092.D
Acq: 10 Dec 2019 18:46

Tgt Ion: 95 Resp: 26193
Ion Ratio Lower Upper
95 100
97 68.3 44.4 82.4
132 93.6 73.4 136.4
130 103.4 75.9 141.1



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: 0.491 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036092.D

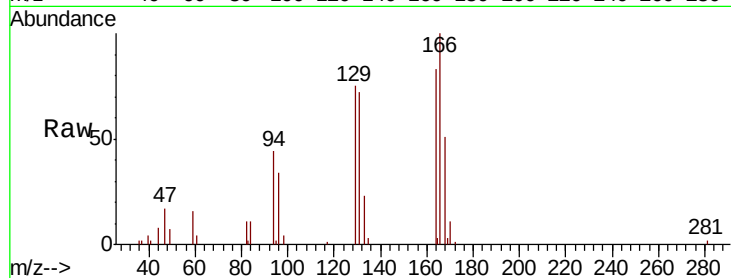
Acq: 10 Dec 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

BFE47



Tot Ion:164 Resp: 10726

Ion Ratio Lower Upper

164 100

129 91.1 63.1 117.3

131 86.6 61.5 114.1

166 120.9 91.0 169.0

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

