

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032817.D
 Acq On : 18 Jun 2019 12:28
 Operator : JC/SP
 Sample : K3363-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ9

Quant Time: Jun 19 02:03:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 01:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225819	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58635	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.98%
7) Chloroethane-d5	1.68	69	52095	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.66%
11) 1,1-Dichloroethene-d2	2.27	63	92983	29.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.82%#
21) 2-Butanone-d5	4.17	46	136266	106.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.64	84	130427	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
26) 1,2-Dichloroethane-d4	5.30	65	92241	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
32) Benzene-d6	5.33	84	253699	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
36) 1,2-Dichloropropane-d6	6.32	67	86114	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.66%
41) Toluene-d8	7.56	98	230702	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.84	79	36845	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.04%
47) 2-Hexanone-d5	8.30	63	98575	114.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.80%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	131106	46.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	97679	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%

Target Compounds

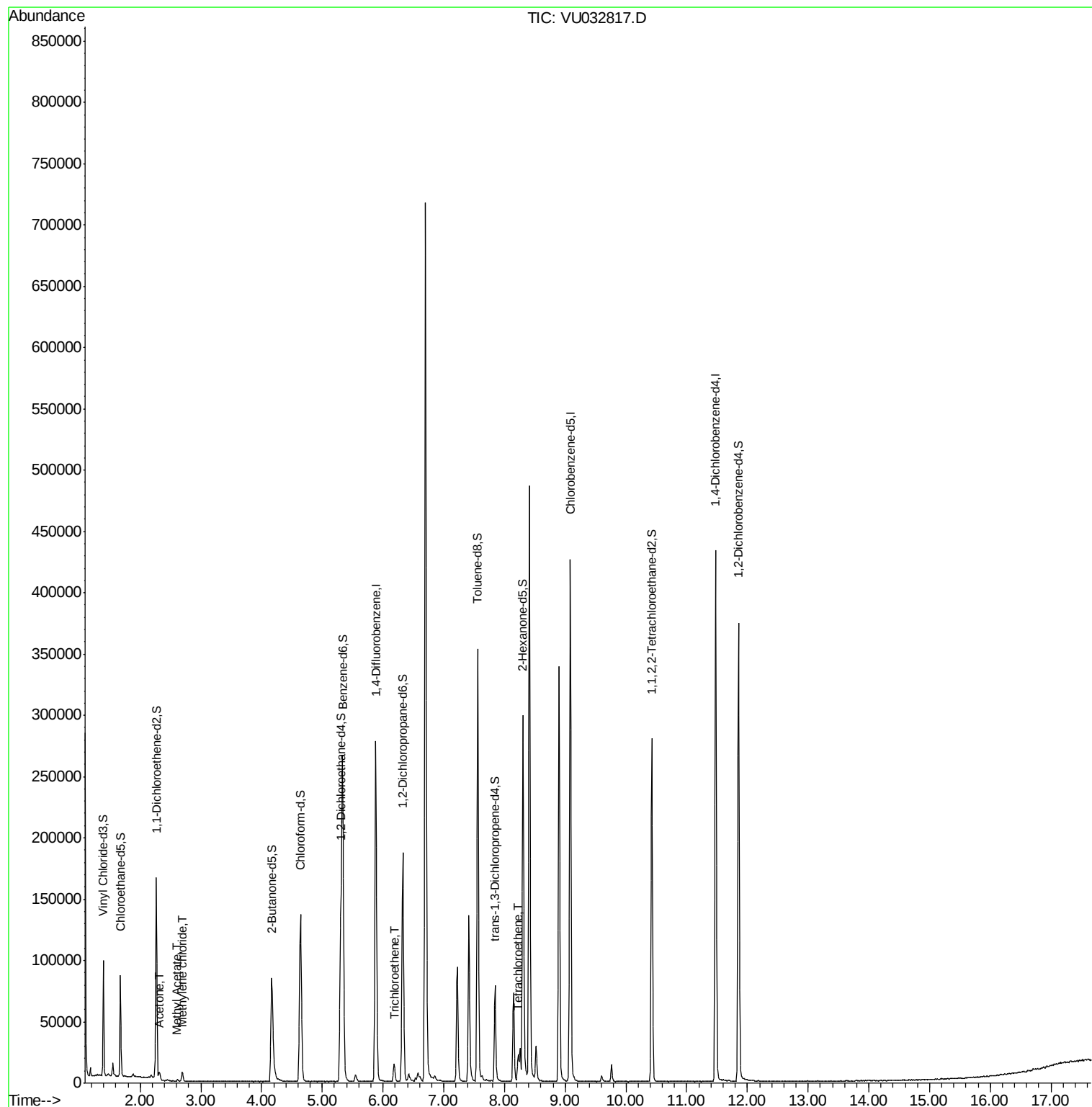
					Ovalue
13) Acetone	2.32	43	6302	3.552 ug/L	97
15) Methyl Acetate	2.62	43	1732	0.861 ug/L #	77
16) Methylene chloride	2.69	84	2987	1.790 ug/L	96
34) Trichloroethene	6.18	95	5104	2.994 ug/L	93
46) Tetrachloroethene	8.22	164	3022	2.164 ug/L	93

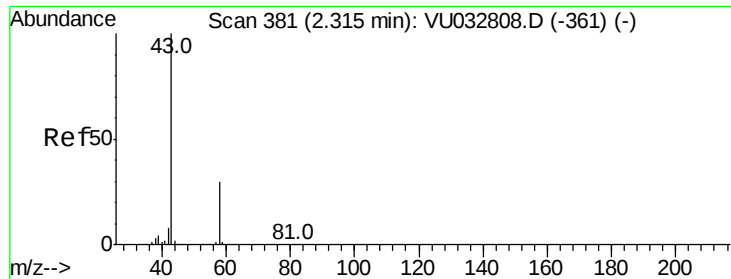
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.552 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 18 Jun 2019 12:28

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MSVOA_U

ClientSampleId :

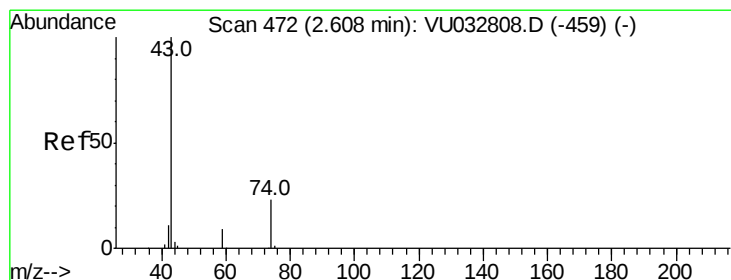
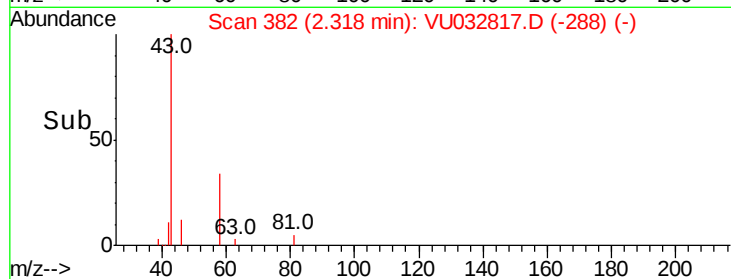
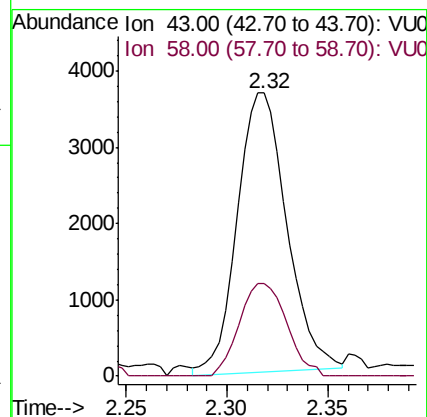
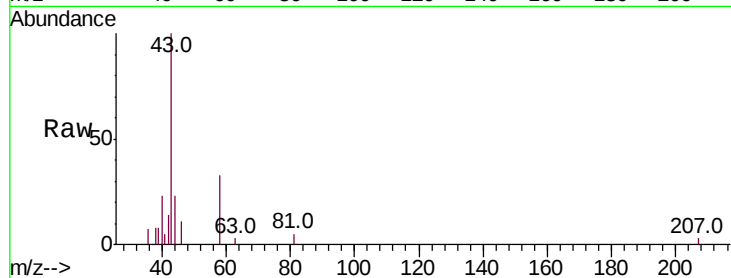
C0JQ9

Tot Ion: 43 Resp: 6302

Ion Ratio Lower Upper

43 100

58 31.7 0.0 60.6



#15

Methyl Acetate

Concen: 0.861 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032817.D

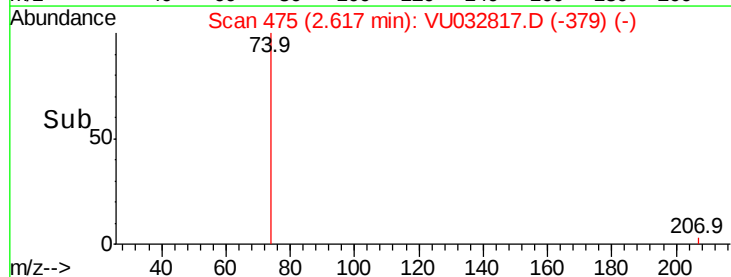
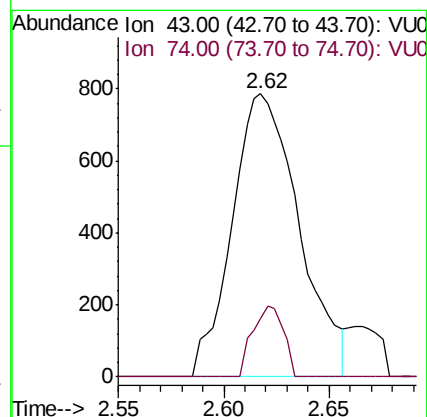
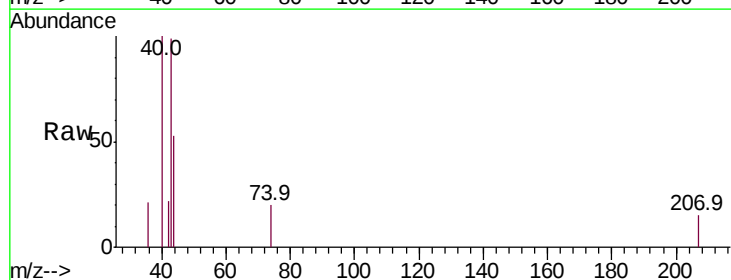
Acq: 18 Jun 2019 12:28

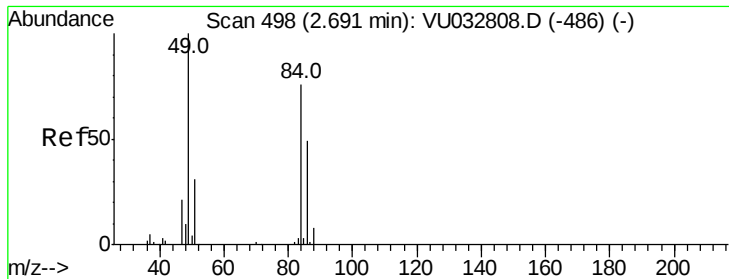
Tgt Ion: 43 Resp: 1732

Ion Ratio Lower Upper

43 100

74 11.5 18.1 27.1#

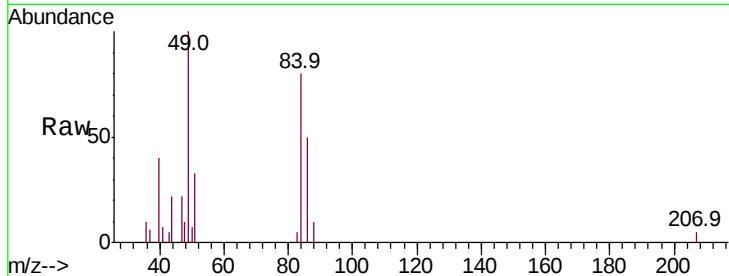




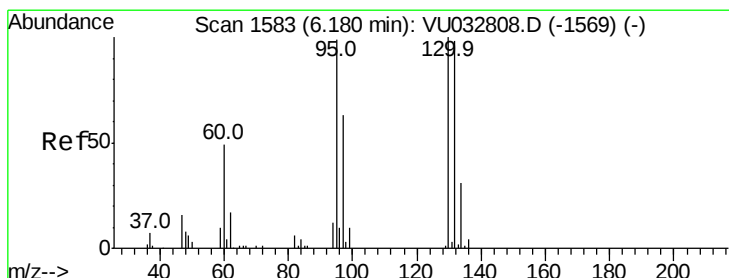
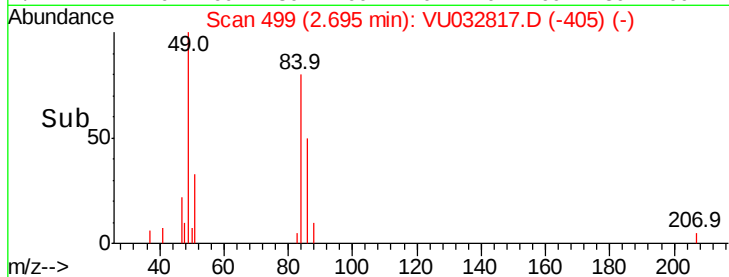
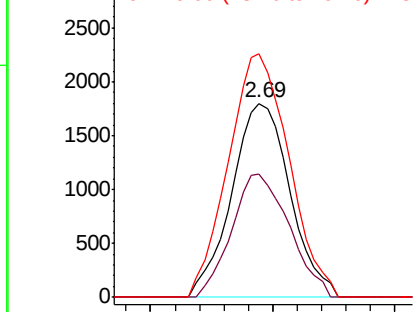
#16
Methylene chloride
Concen: 1.790 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032817.D
Acq: 18 Jun 2019 12:28

Instrument :
MSVOA_U
ClientSampleId :
C0JQ9

Tot Ion: 84 Resp: 2987
Ion Ratio Lower Upper
84 100
86 63.3 45.5 84.5
49 125.5 92.1 171.1

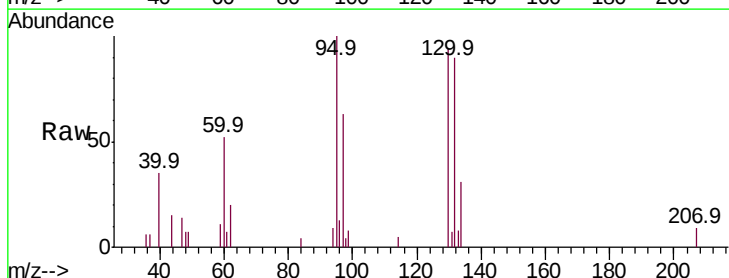


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

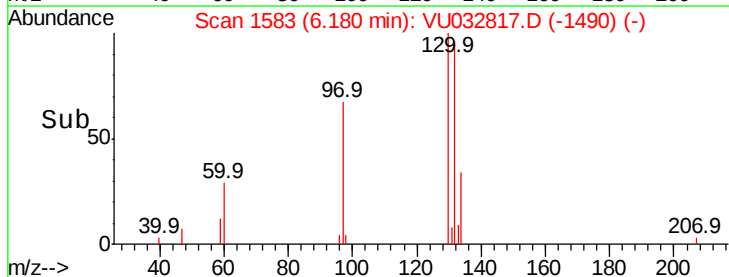
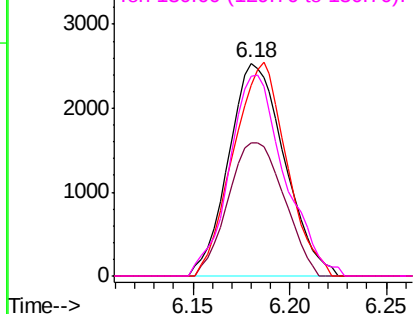


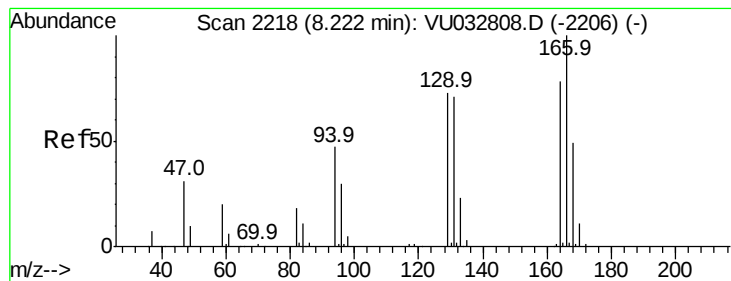
#34
Trichloroethene
Concen: 2.994 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032817.D
Acq: 18 Jun 2019 12:28

Tgt Ion: 95 Resp: 5104
Ion Ratio Lower Upper
95 100
97 62.7 45.9 85.3
132 89.7 68.5 127.3
130 93.7 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 2.164 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032817.D

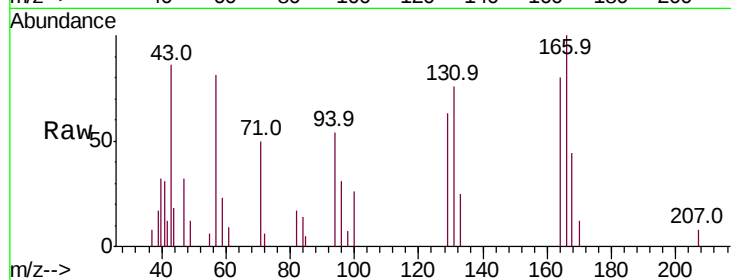
Acq: 18 Jun 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

C0JQ9



Tot Ion:164 Resp: 3022

Ion Ratio Lower Upper

164 100

129 79.5 64.8 120.3

131 95.2 64.5 119.7

166 125.4 91.3 169.6

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

