

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032125.D
 Acq On : 18 May 2019 02:07
 Operator : JC/SP
 Sample : K2860-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W53

Quant Time: May 18 06:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 05:45:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	353508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143290	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109232	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	93257	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.27	63	154389	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.21	46	261525	44.74	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.48%
24) Chloroform-d	4.64	84	215111	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	109686	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.33	84	429087	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	6.33	67	125631	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.56	98	356238	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.85	79	42713	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.32	63	222017	41.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116600	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	140105	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

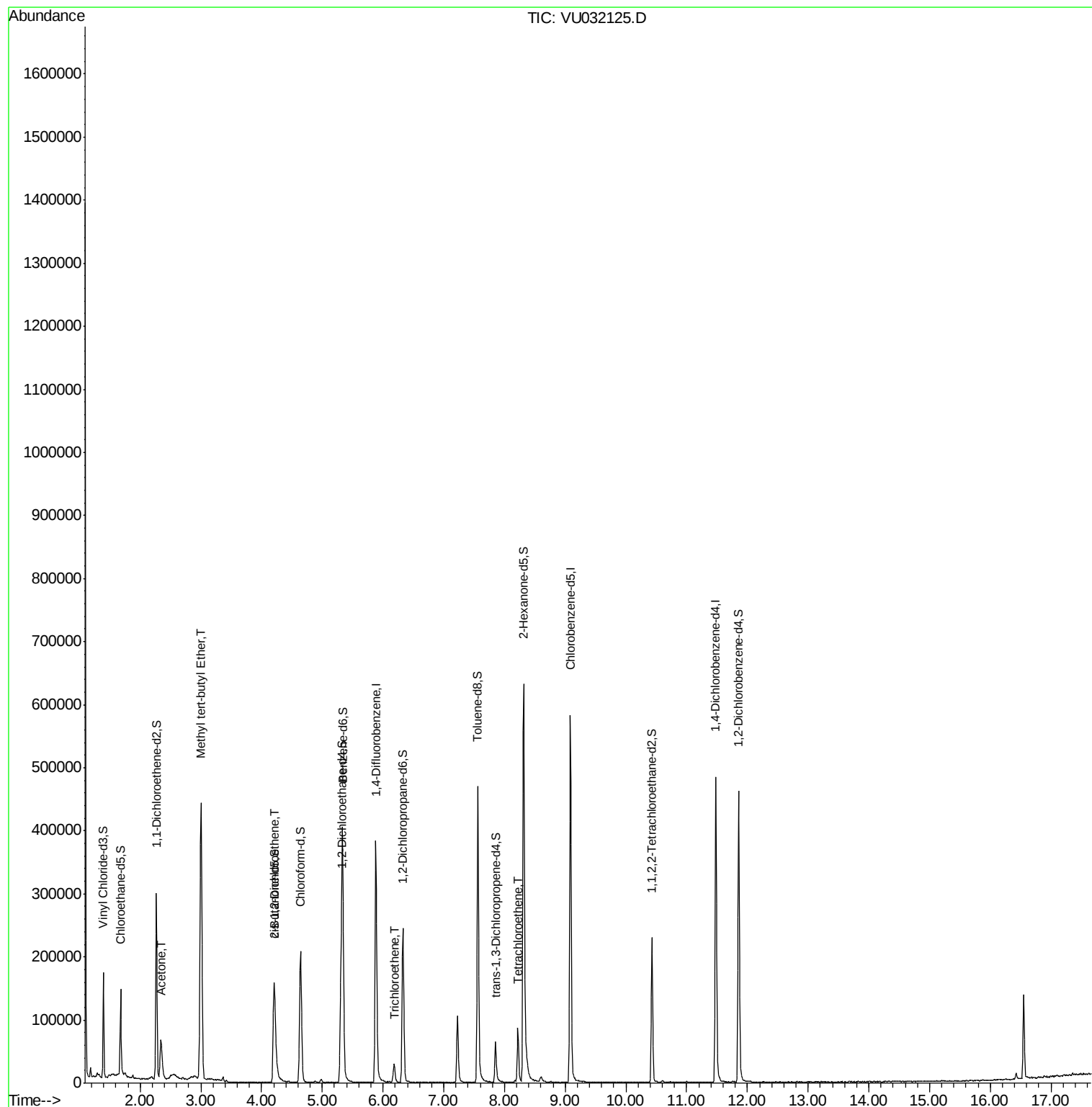
					Ovalue
13) Acetone	2.34	43	89093	46.421	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	517917	15.518	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	3340	0.223	ug/L 98
34) Trichloroethene	6.18	95	10442	0.682	ug/L 86
47) Tetrachloroethene	8.22	164	23066	2.015	ug/L 95

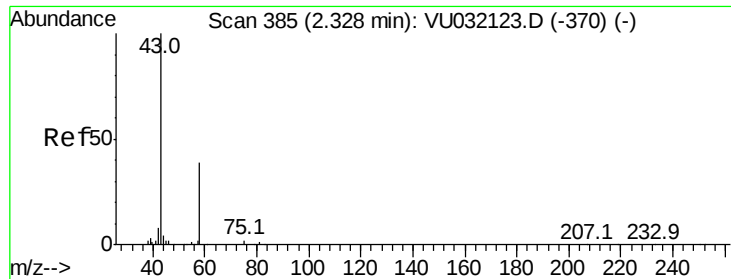
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration





#13

Acetone

Concen: 46.421 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

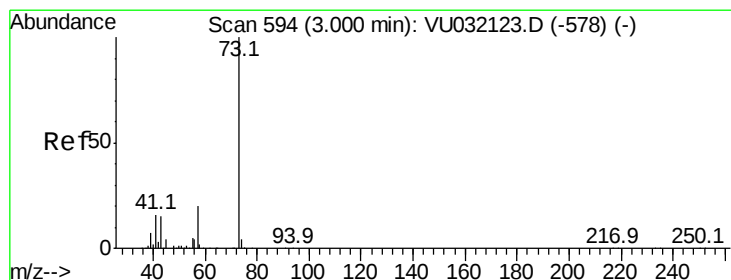
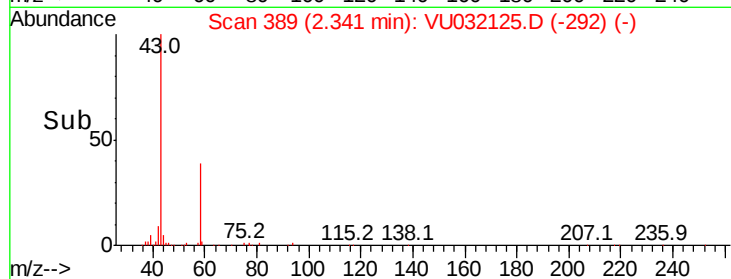
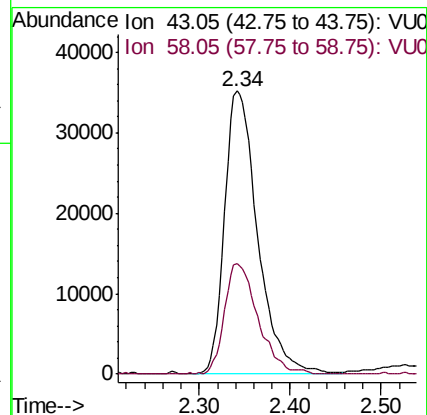
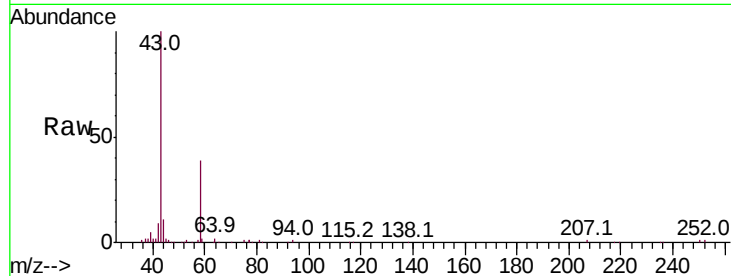
F9W53

Tot Ion: 43 Resp: 89093

Ion Ratio Lower Upper

43 100

58 39.4 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 15.518 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

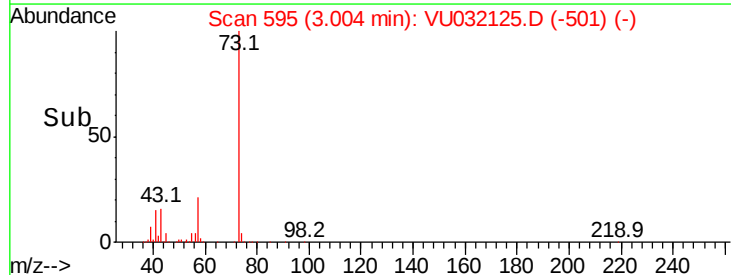
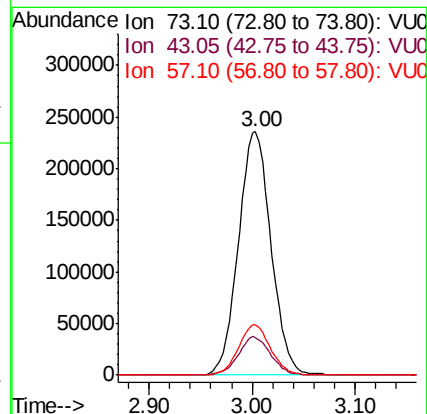
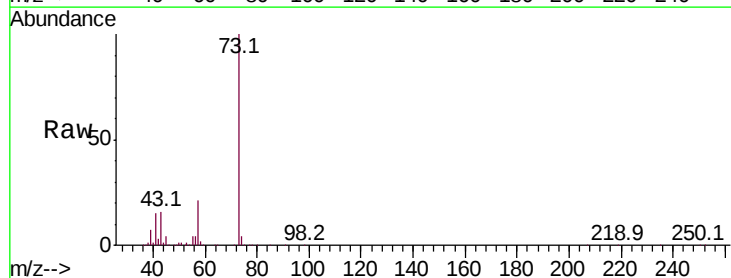
Tgt Ion: 73 Resp: 517917

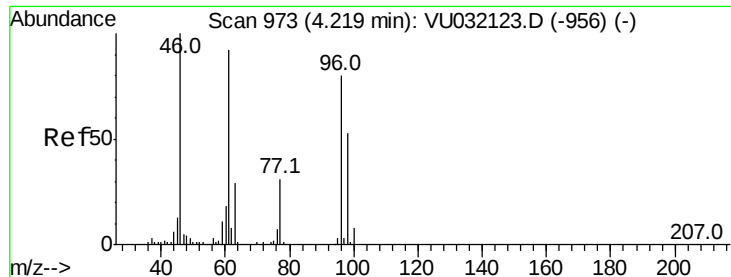
Ion Ratio Lower Upper

73 100

43 15.7 13.0 19.6

57 20.1 17.9 26.9



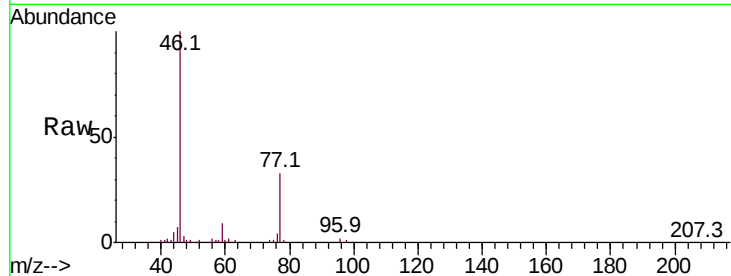


#22

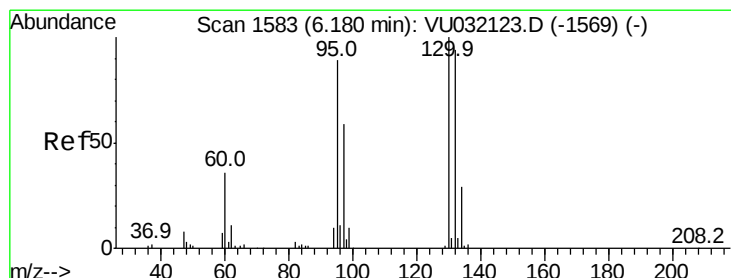
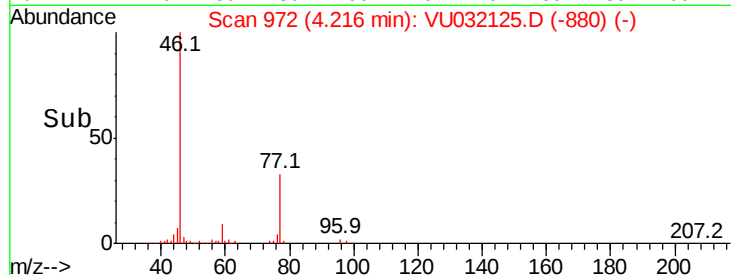
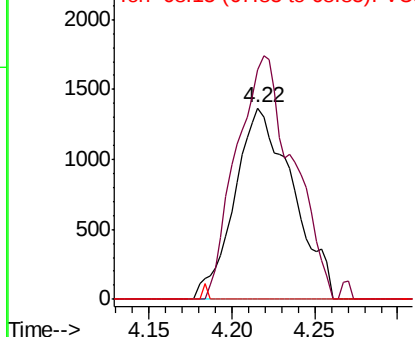
cis-1,2-Dichloroethene
Concen: 0.223 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032125.D
Acq: 18 May 2019 02:07

Instrument :
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ClientSampleId :
F9W53

Tot Ion: 96 Resp: 3340
Ion Ratio Lower Upper
96 100
61 120.2 85.8 159.4
68 0.0 0.0 0.0



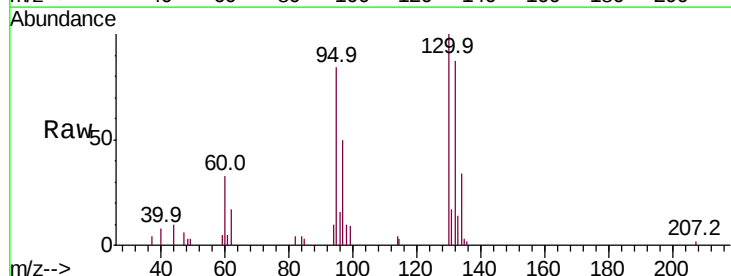
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



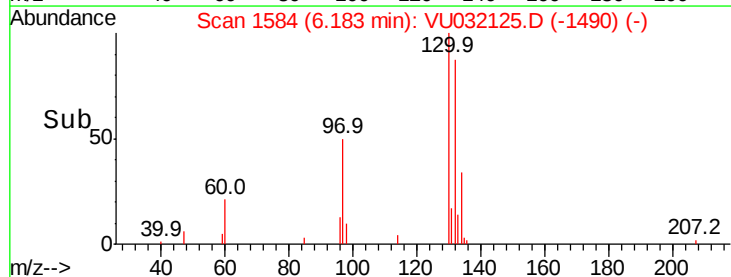
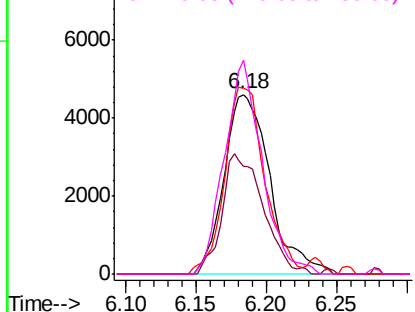
#34

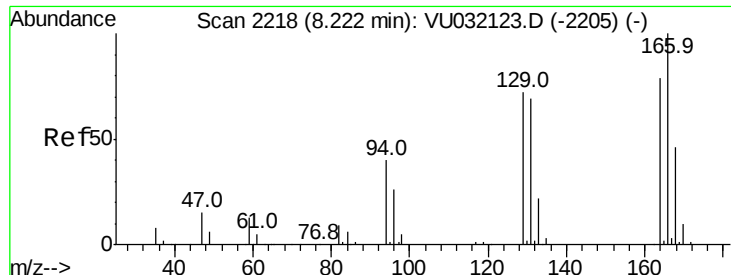
Trichloroethene
Concen: 0.682 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032125.D
Acq: 18 May 2019 02:07

Tgt Ion: 95 Resp: 10442
Ion Ratio Lower Upper
95 100
97 60.0 45.2 84.0
132 103.1 66.1 122.7
130 118.9 66.7 123.9



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: 2.015 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032125.D

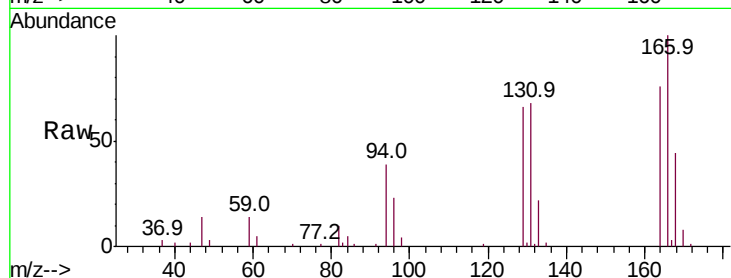
Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

F9W53



Tot Ion:164 Resp: 23066

Ion Ratio Lower Upper

164 100

129 86.8 70.3 130.5

131 88.9 64.5 119.9

166 131.4 92.3 171.5

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

