

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029970.D
 Acq On : 11 Mar 2019 11:56
 Operator : JC/SP
 Sample : K1734-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L2

Quant Time: Mar 12 02:28:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 12:44:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496370	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144919	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.68	69	126466	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.34%
11) 1,1-Dichloroethene-d2	2.27	63	222742	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	4.17	46	238921	101.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.83%
24) Chloroform-d	4.64	84	296647	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.31	65	181526	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.34	84	635842	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.74%
36) 1,2-Dichloropropane-d6	6.33	67	193374	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.48%
41) Toluene-d8	7.56	98	592163	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.85	79	89241	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.50%
47) 2-Hexanone-d5	8.31	63	179119	92.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299979	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	233196	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

Target Compounds

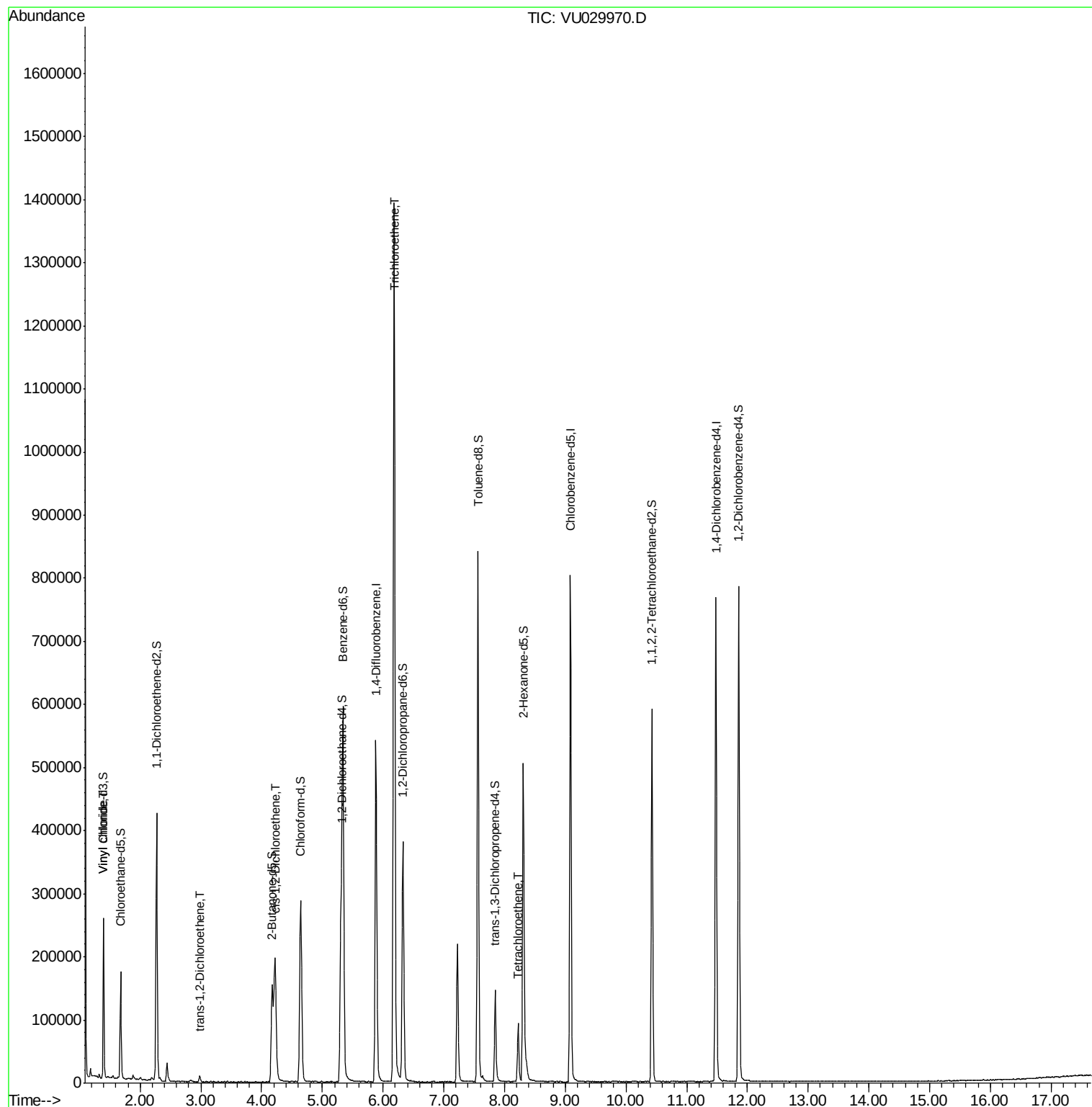
					Ovalue
5) Vinyl chloride	1.40	62	25662	6.611	ug/L 92
17) trans-1,2-Dichloroethene	2.98	96	3870	1.189	ug/L 93
20) cis-1,2-Dichloroethene	4.22	96	113280	30.502	ug/L 100
34) Trichloroethene	6.18	95	497483	144.542	ug/L 99
46) Tetrachloroethene	8.22	164	23772	8.020	ug/L 98

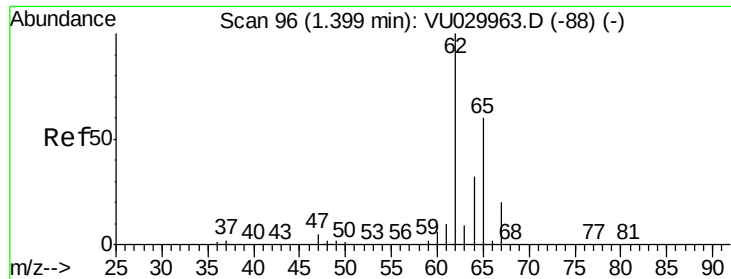
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
Data File : VU029970.D
Acq On : 11 Mar 2019 11:56
Operator : JC/SP
Sample : K1734-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2L2

Quant Time: Mar 12 02:28:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:44:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.611 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029970.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_U

ClientSampled :

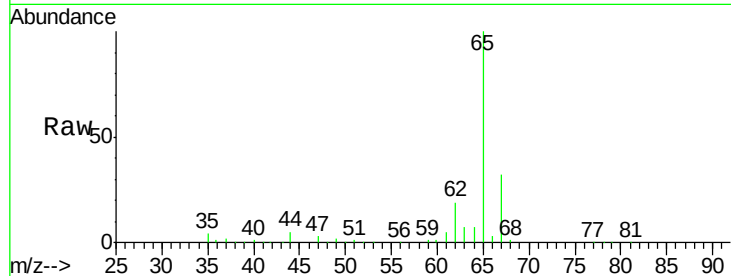
BF2L2

Tot Ion: 62 Resp: 25662

Ion Ratio Lower Upper

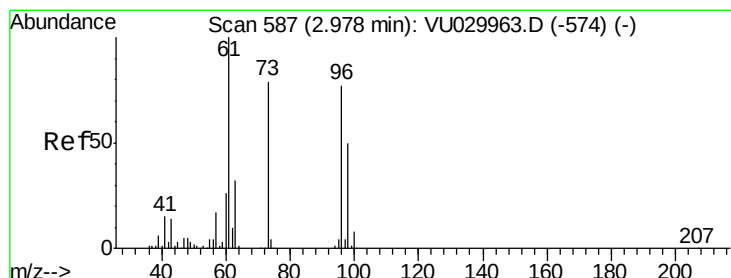
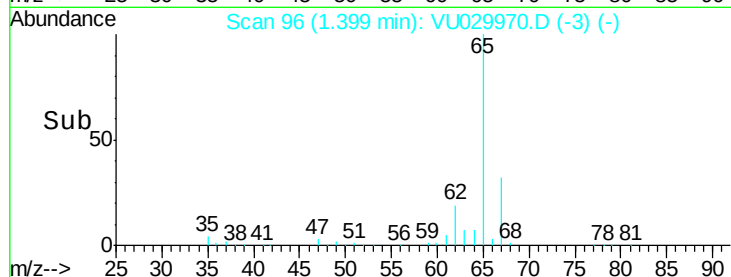
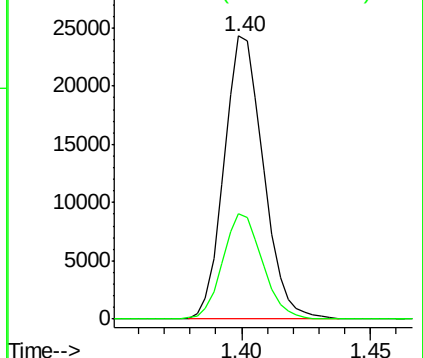
62 100

64 37.4 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.189 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029970.D

Acq: 11 Mar 2019 11:56

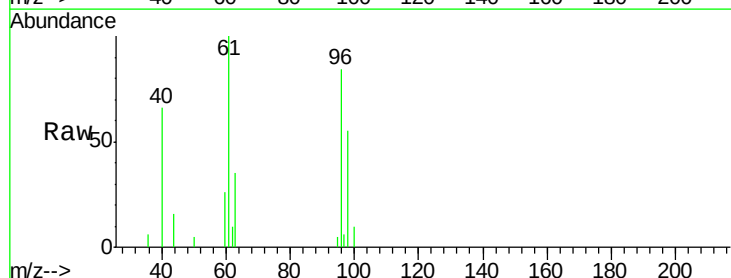
Tgt Ion: 96 Resp: 3870

Ion Ratio Lower Upper

96 100

61 119.0 91.1 169.3

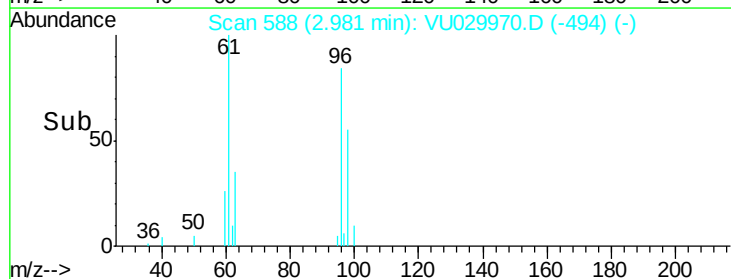
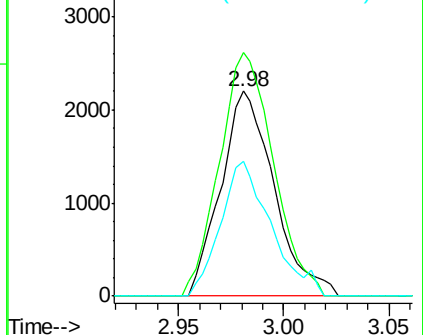
98 65.6 45.0 83.6

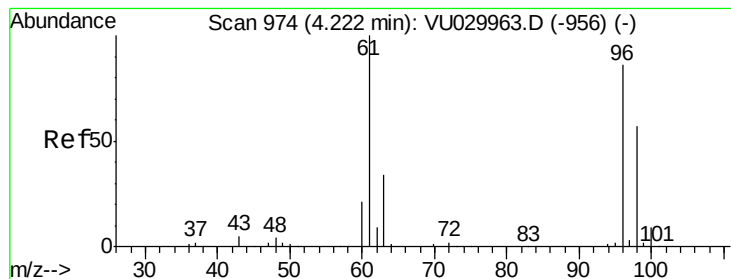


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 30.502 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029970.D

Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

BF2L2

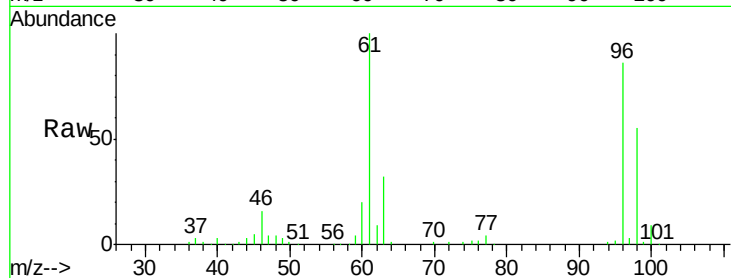
Tot Ion: 96 Resp: 113280

Ion Ratio Lower Upper

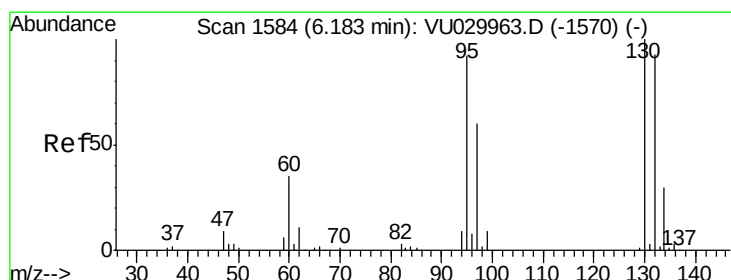
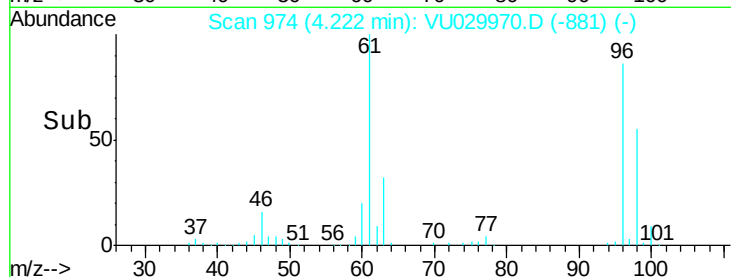
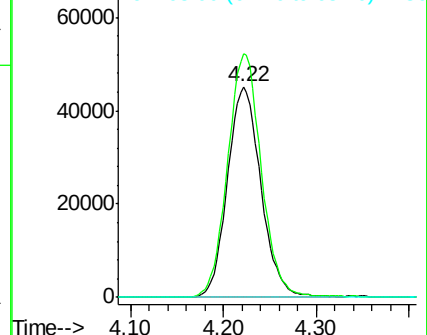
96 100

61 115.7 80.6 149.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 144.542 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029970.D

Acq: 11 Mar 2019 11:56

Tgt Ion: 95 Resp: 497483

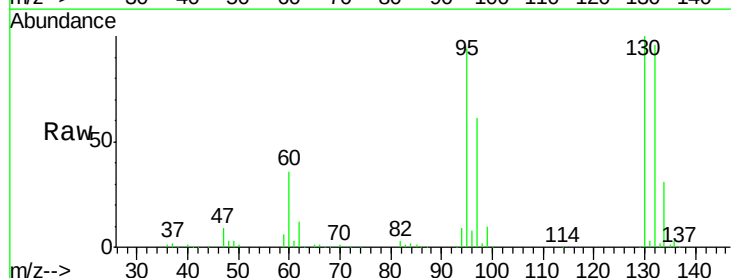
Ion Ratio Lower Upper

95 100

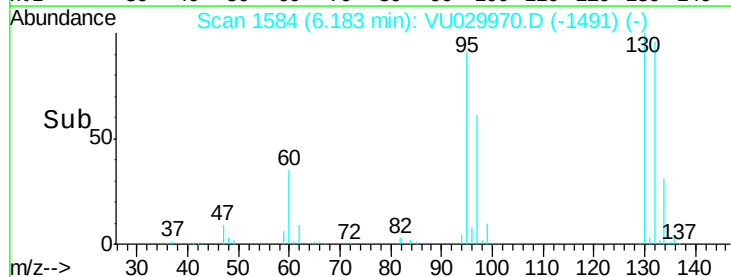
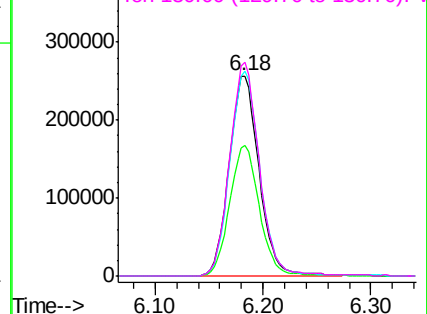
97 65.2 45.1 83.7

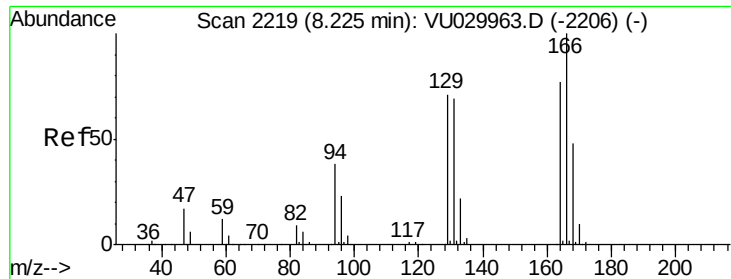
132 102.0 72.0 133.6

130 106.6 74.1 137.5



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: 8.020 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU029970.D

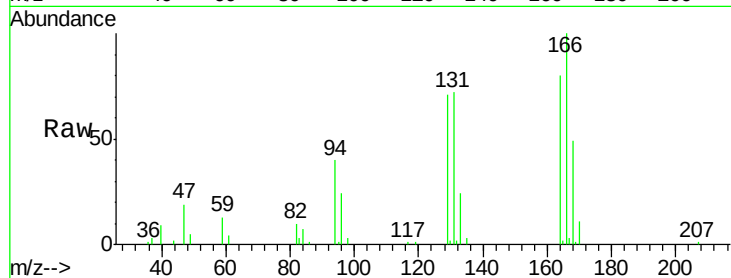
Acq: 11 Mar 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

BF2L2



Tot Ion:164 Resp: 23772

Ion Ratio Lower Upper

164 100

129 88.5 61.0 113.2

131 90.5 60.5 112.3

166 125.1 88.3 163.9

