

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031649.D
 Acq On : 30 Apr 2019 21:09
 Operator : JC/SP
 Sample : K2593-16 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB6

Quant Time: May 01 04:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	684534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	652641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	297779	51.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.96%
7) Chloroethane-d5	1.68	69	220832	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.76%
11) 1,1-Dichloroethene-d2	2.26	63	443899	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
21) 2-Butanone-d5	4.19	46	508243	97.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.91%
24) Chloroform-d	4.64	84	510385	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.31	65	354315	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
32) Benzene-d6	5.33	84	978014	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	357961	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.54%
41) Toluene-d8	7.56	98	766932	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	7.85	79	136985	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
47) 2-Hexanone-d5	8.31	63	286074	93.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447355	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	223674	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%

Target Compounds

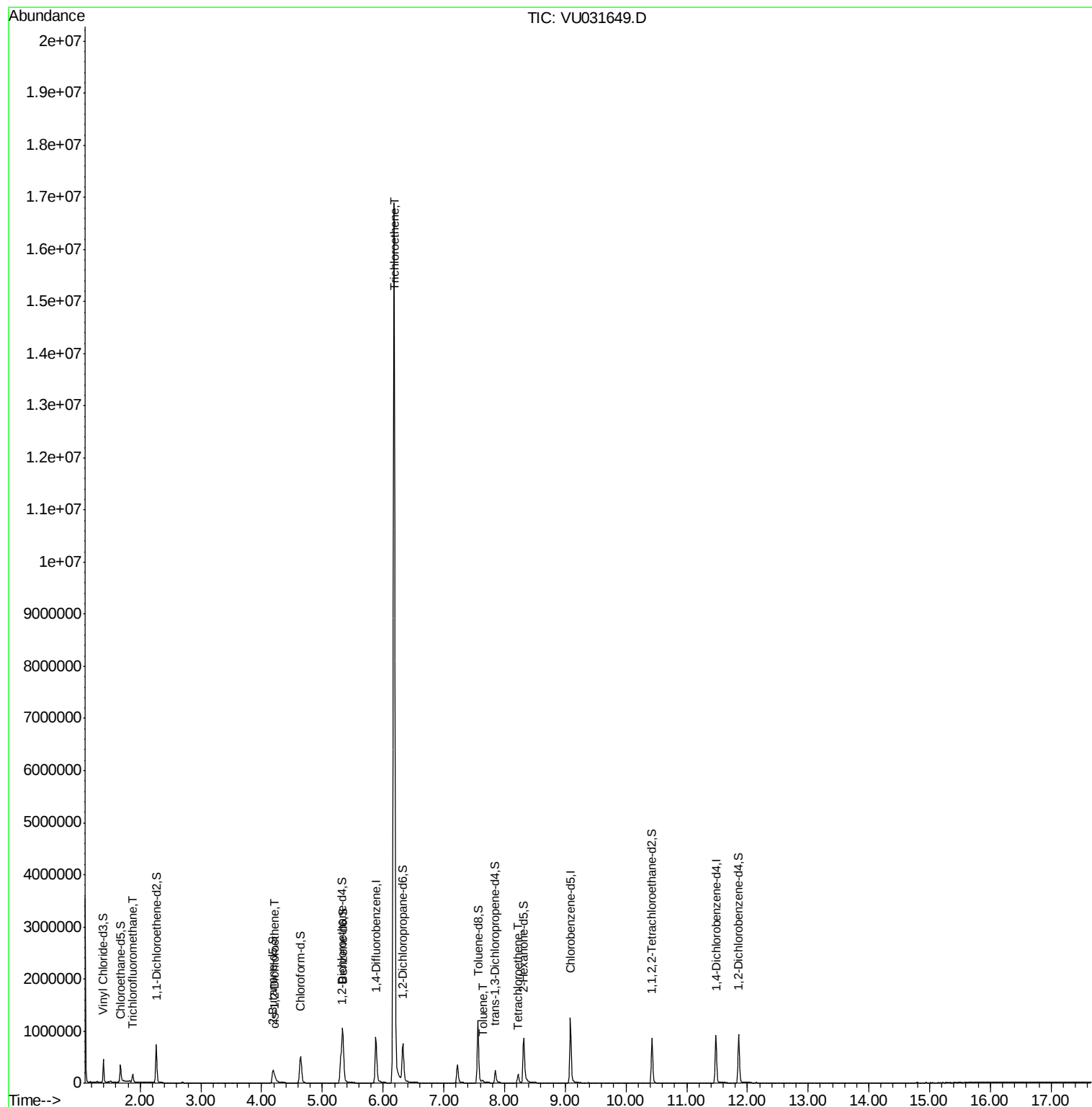
					Ovalue
9) Trichlorofluoromethane	1.88	101	90997	9.375 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	6275	1.051 ug/L	90
34) Trichloroethene	6.18	95	6127815	1053.529 ug/L	93
42) Toluene	7.64	91	20329	0.851 ug/L	96
46) Tetrachloroethene	8.22	164	36751	9.268 ug/L	91

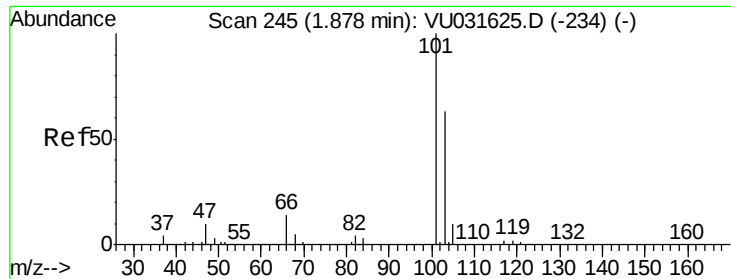
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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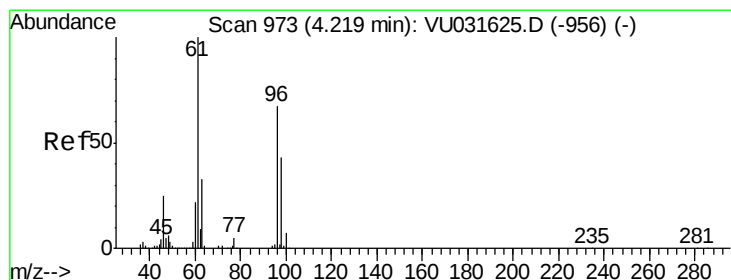
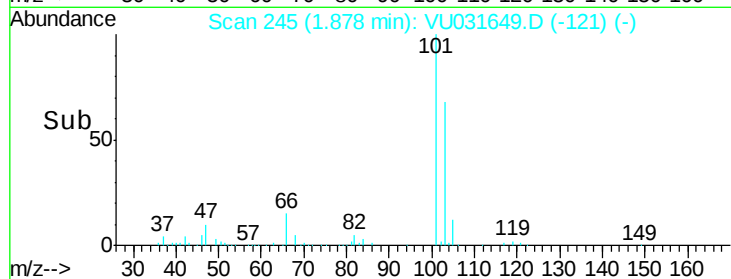
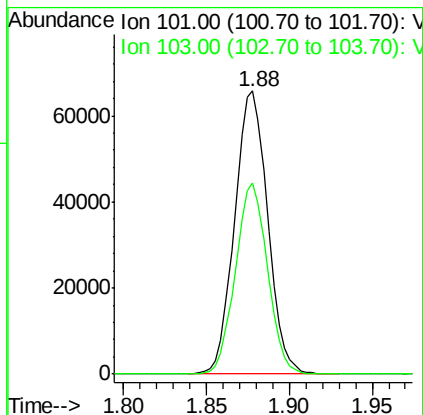
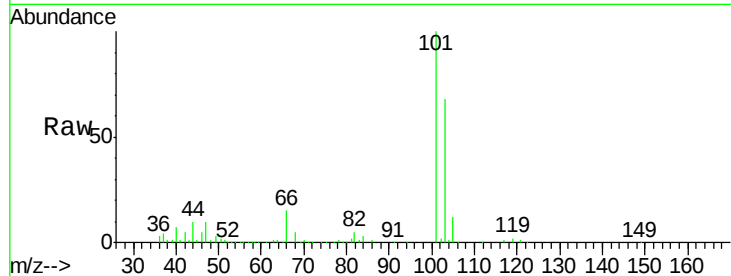


#9

Trichlorofluoromethane
 Concen: 9.375 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU031649.D
 Acq: 30 Apr 2019 21:09

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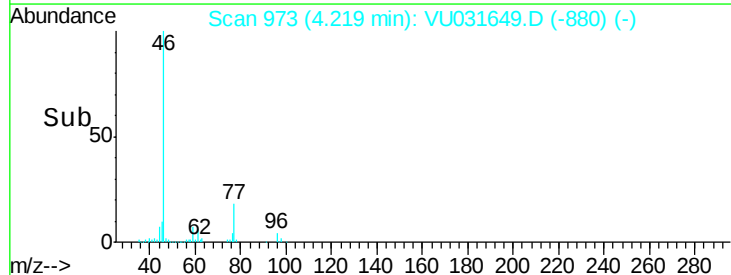
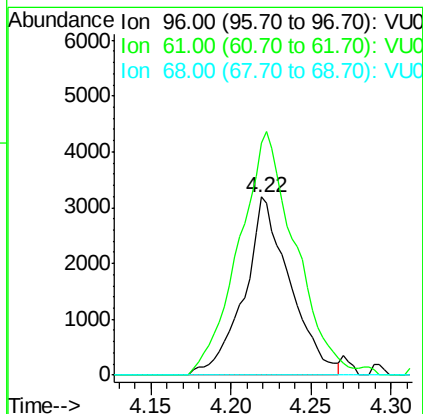
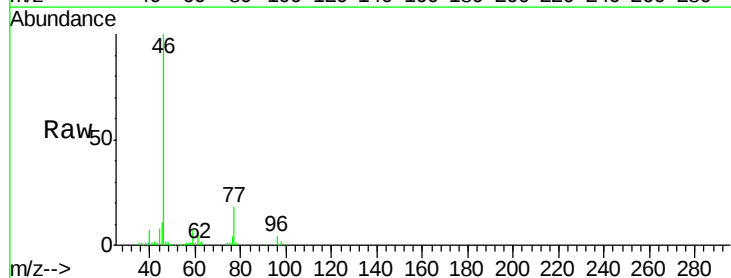
Tot Ion: 101 Resp: 90997
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.8 76.2

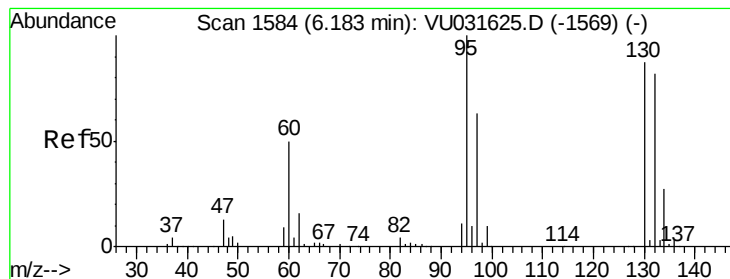


#20

cis-1,2-Dichloroethene
 Concen: 1.051 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031649.D
 Acq: 30 Apr 2019 21:09

Tgt Ion: 96 Resp: 6275
 Ion Ratio Lower Upper
 96 100
 61 130.3 99.5 184.7
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1053.529 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031649.D

Acq: 30 Apr 2019 21:09

Instrument :

MSVOA_U

ClientSampleId :

C0XB6

Tot Ion: 95 Resp: 6127815

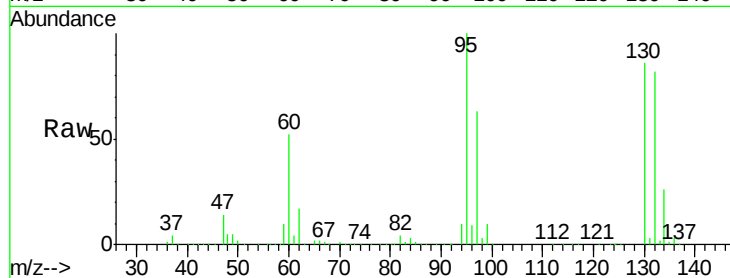
Ion Ratio Lower Upper

95 100

97 63.2 44.8 83.2

132 82.0 63.1 117.1

130 86.2 66.5 123.5

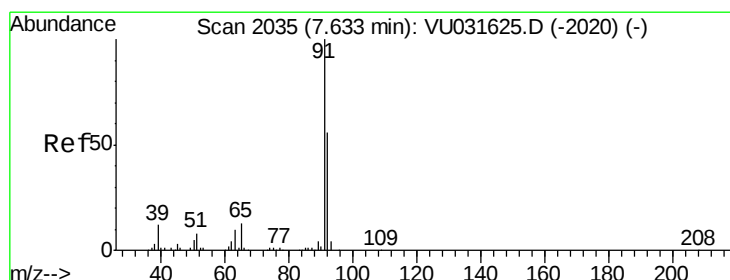
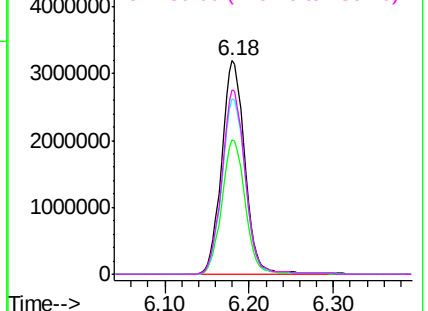
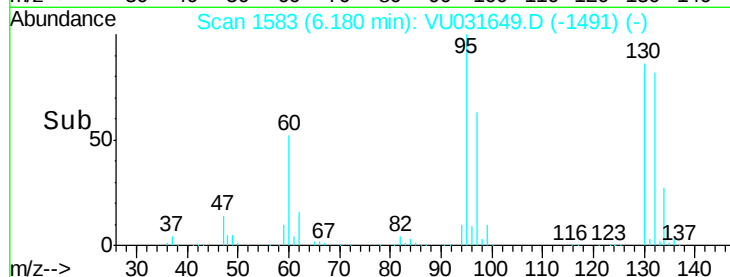


Abundance Ion 95.00 (94.70 to 95.70): VU031649.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031649.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031649.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031649.D (-1491) (-)



#42

Toluene

Concen: 0.851 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031649.D

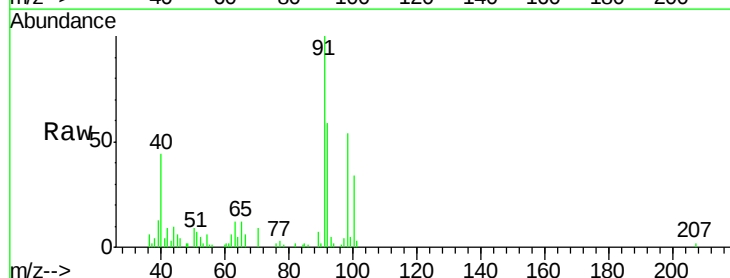
Acq: 30 Apr 2019 21:09

Tgt Ion: 91 Resp: 20329

Ion Ratio Lower Upper

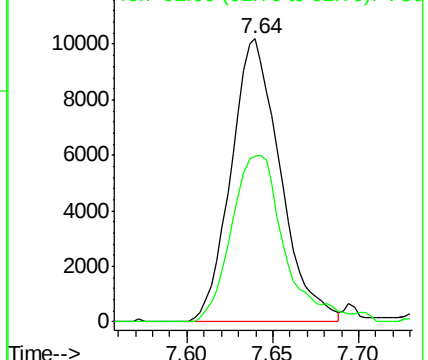
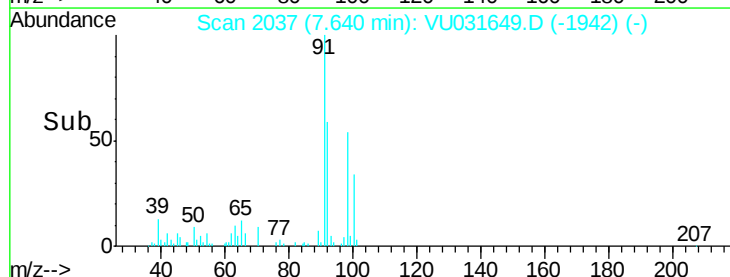
91 100

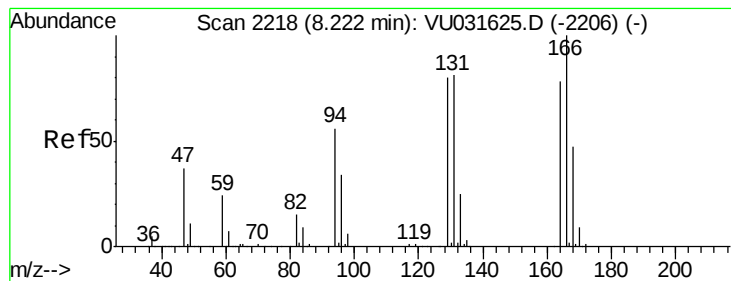
92 58.6 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031649.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031649.D (-1942) (-)





#46

Tetrachloroethene

Concen: 9.268 ug/L

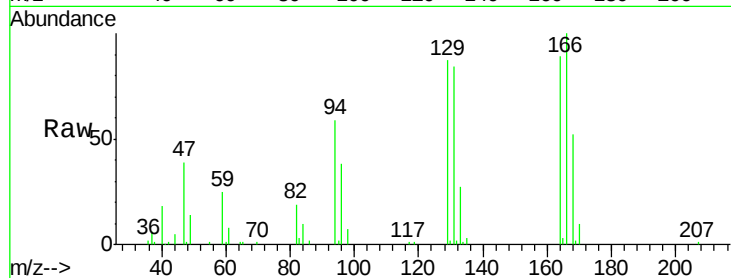
RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031649.D

Acq: 30 Apr 2019 21:09

Instrument :
MSVOA_U
ClientSampleId :
C0XB6



Tot Ion:164 Resp: 36751

Ion Ratio Lower Upper

164 100

129 98.3 71.5 132.9

131 94.3 69.0 128.2

166 113.0 93.7 173.9

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

