

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010608.D
 Acq On : 01 May 2019 16:55
 Operator : SY/MD
 Sample : K2590-03
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88

Quant Time: May 02 08:30:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 02 08:18:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	75543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23599	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.57	69	17118	5.99	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	32086	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	54617	52.38	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	4.40	84	43068	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.08	65	24630	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	95999	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	29336	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	86255	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	9999	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.13	63	47248	56.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20386	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	30511	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

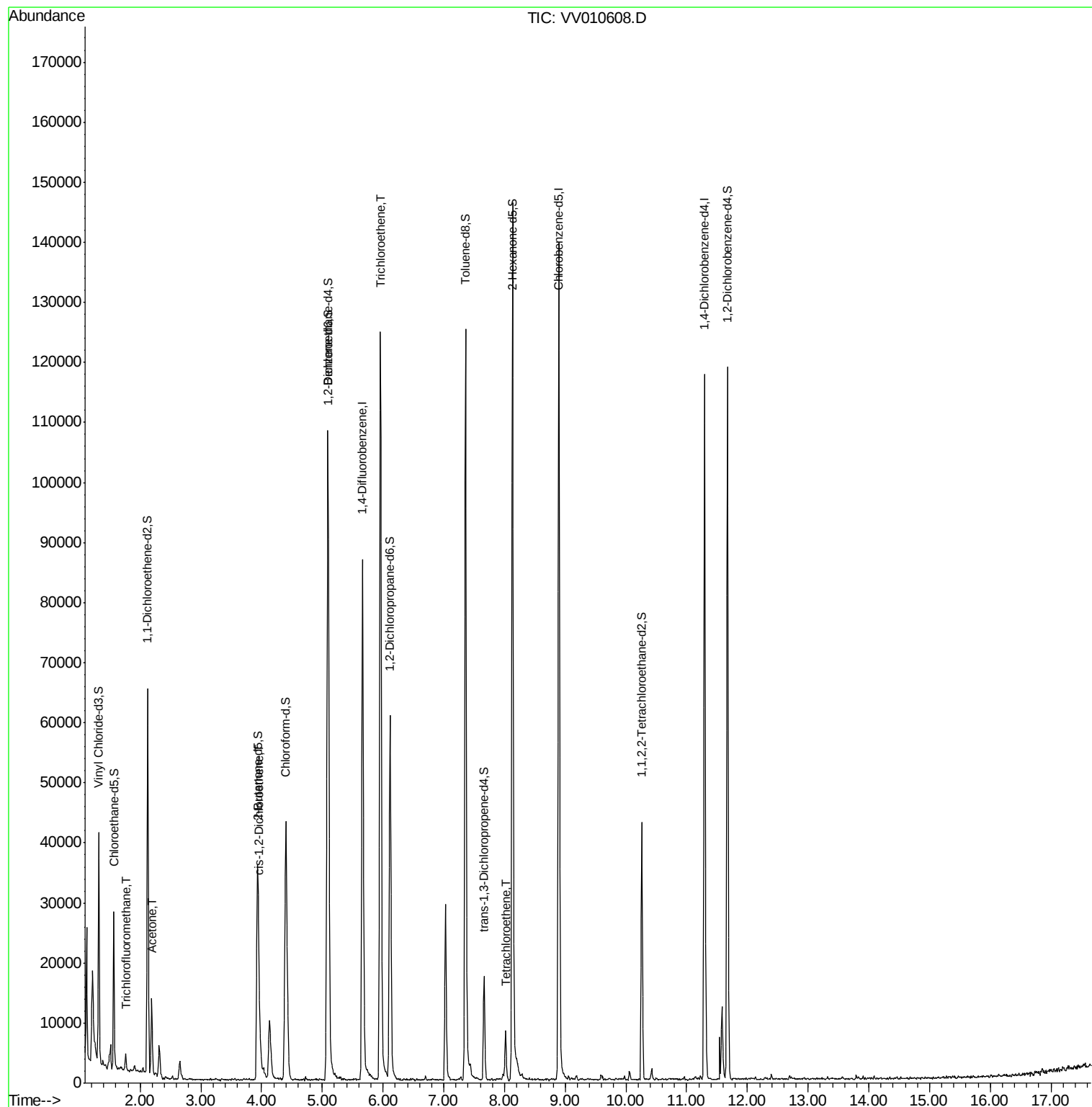
					Ovalue
9) Trichlorofluoromethane	1.76	101	1036	0.110 ug/L #	81
13) Acetone	2.19	43	11604	18.743 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	1663	0.300 ug/L	99
34) Trichloroethene	5.96	95	44769	7.518 ug/L	98
47) Tetrachloroethene	8.02	164	1735	0.369 ug/L	95

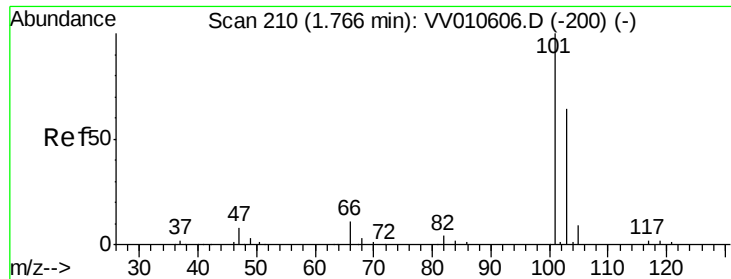
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.110 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

Instrument :

MSVOA_V

ClientSampled :

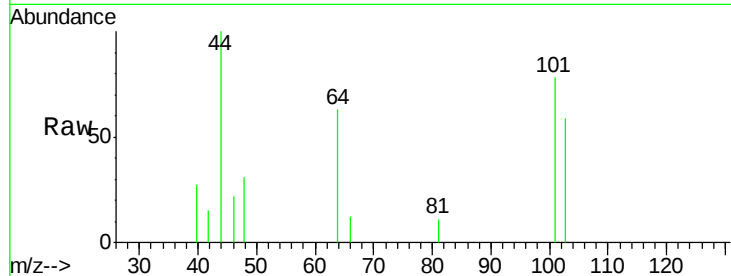
C0X88

Tot Ion:101 Resp: 1036

Ion Ratio Lower Upper

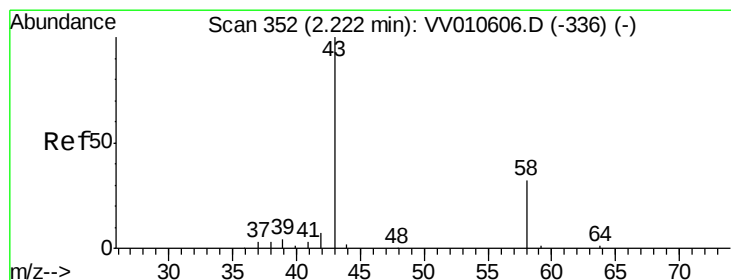
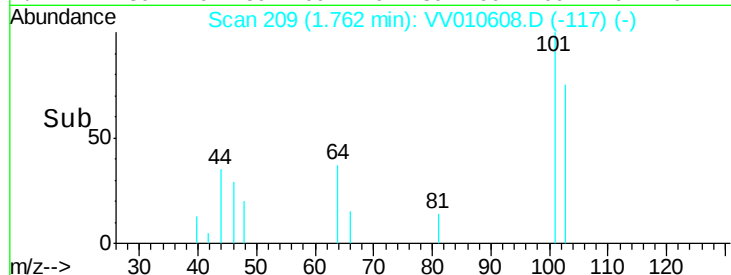
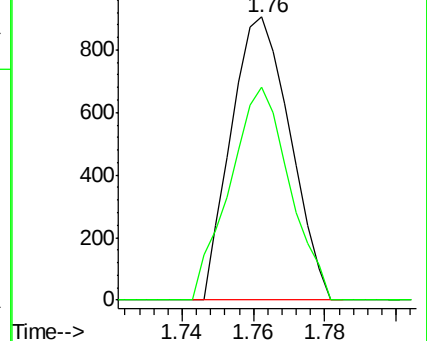
101 100

103 76.2 49.5 74.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 18.743 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV010608.D

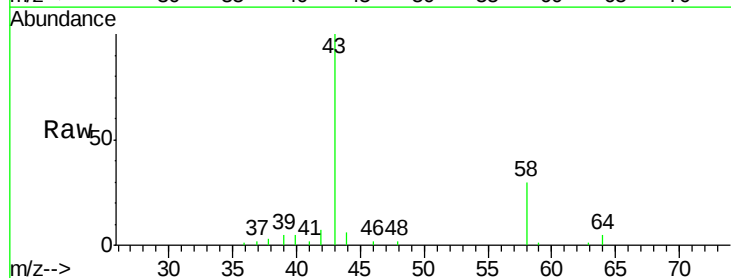
Acq: 01 May 2019 16:55

Tgt Ion: 43 Resp: 11604

Ion Ratio Lower Upper

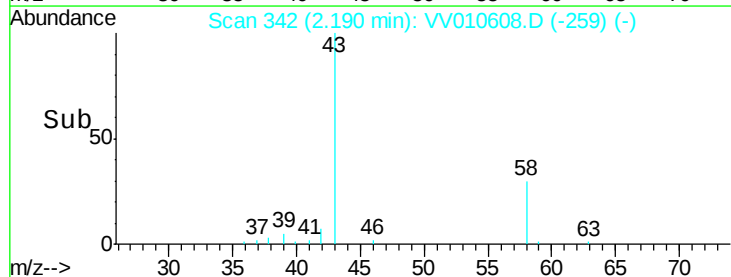
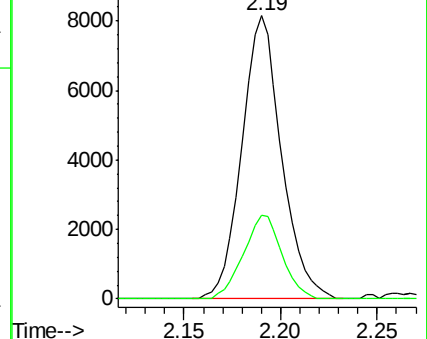
43 100

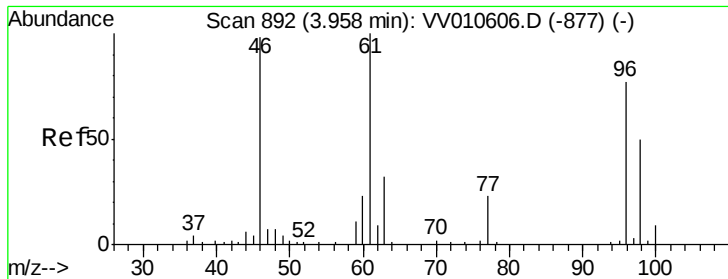
58 28.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



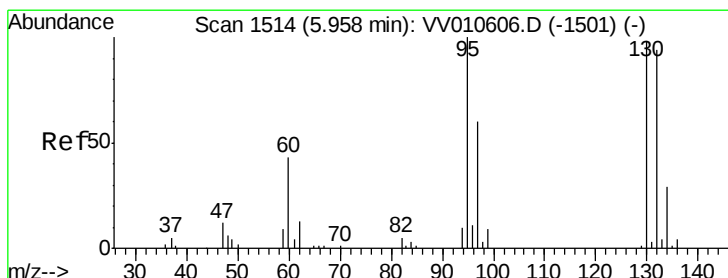
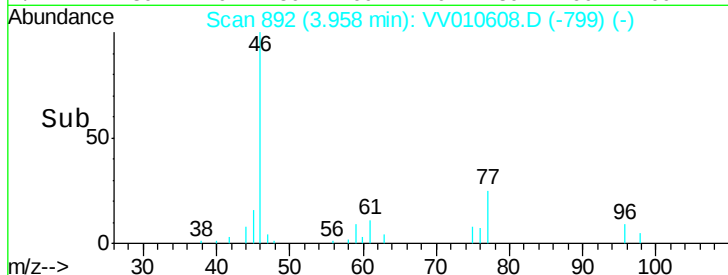
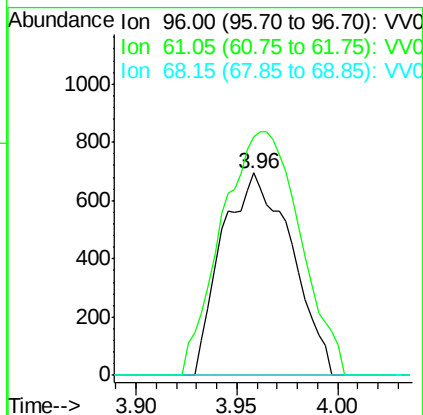
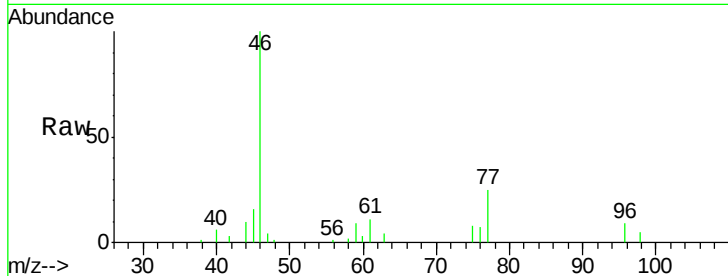


#22

cis-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010608.D
Acq: 01 May 2019 16:55

Instrument :
MSVOA_V
ClientSampled :
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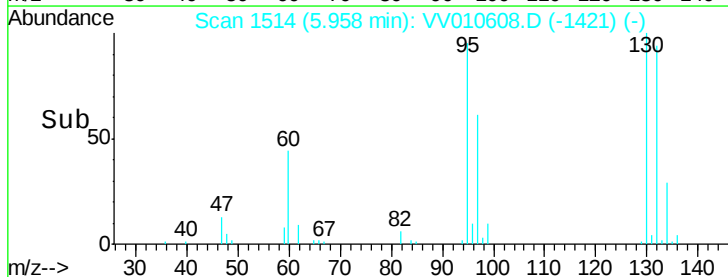
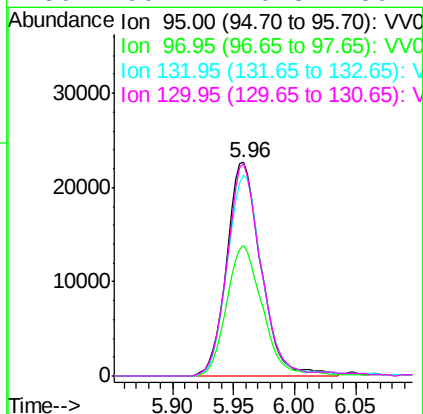
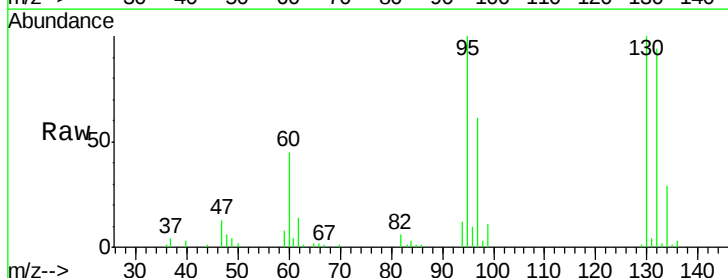
Tot Ion: 96 Resp: 1663
Ion Ratio Lower Upper
96 100
61 118.2 82.3 152.9
68 0.0 0.0 0.0

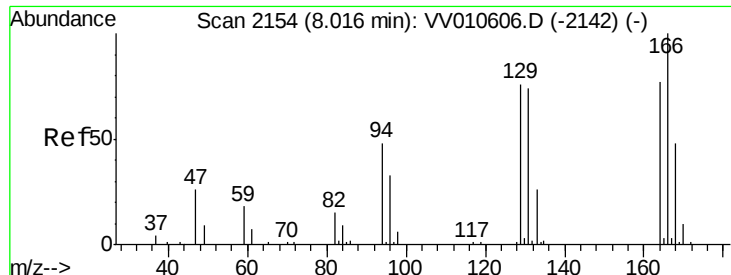


#34

Trichloroethene
Concen: 7.518 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010608.D
Acq: 01 May 2019 16:55

Tgt Ion: 95 Resp: 44769
Ion Ratio Lower Upper
95 100
97 61.1 42.4 78.6
132 93.9 69.3 128.7
130 99.7 70.3 130.7





#47

Tetrachloroethene

Concen: 0.369 ug/L

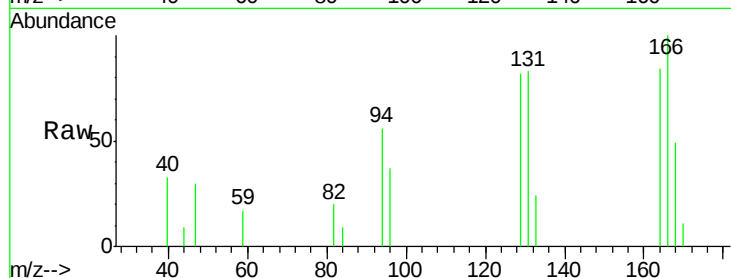
RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

Instrument :
MSVOA_V
ClientSampleId :
C0X88



Tot Ion:164 Resp: 1735

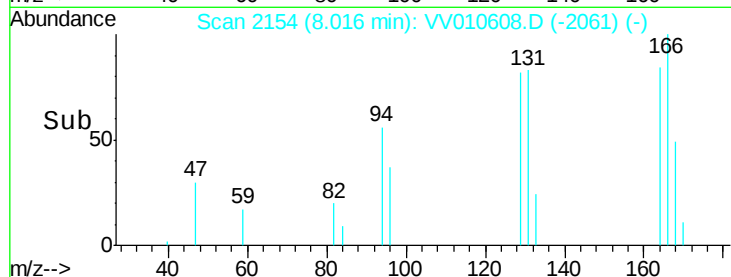
Ion Ratio Lower Upper

164 100

129 98.7 69.9 129.7

131 99.2 65.6 121.8

166 119.7 88.9 165.1



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

