

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028143.D
 Acq On : 15 Nov 2018 00:55
 Operator : MD/SY
 Sample : J5943-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH4

Quant Time: Nov 15 07:24:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133454	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49947	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.68	69	40507	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.28	63	70670	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.20	46	177212	55.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.34%
24) Chloroform-d	4.65	84	85910	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	49244	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	176788	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	65302	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.57	98	156562	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	19750	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.31	63	139279	53.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47815	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	55323	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

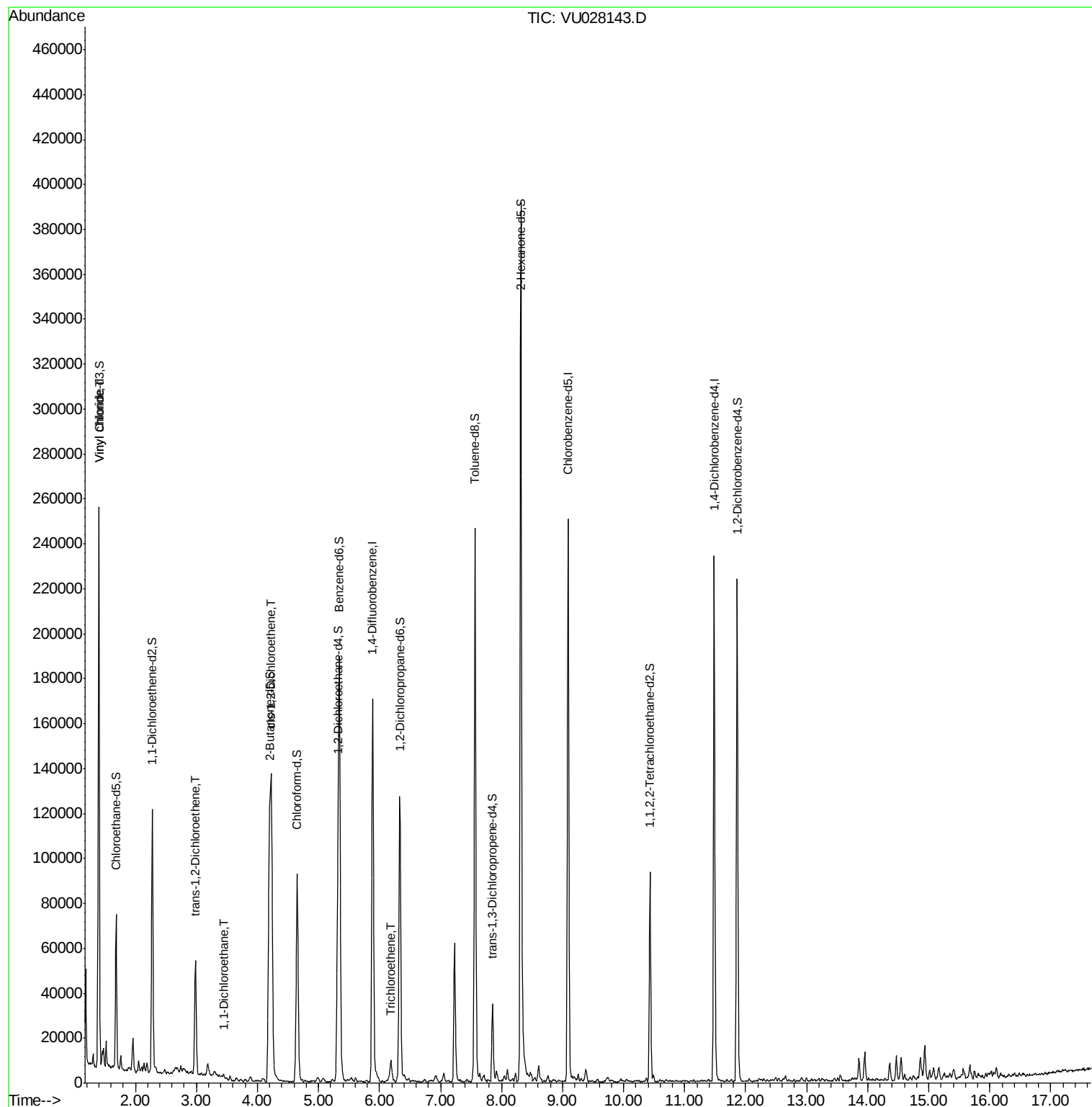
					Ovalue
5) Vinyl chloride	1.40	62	100780	7.050 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	16728	1.773 ug/L	98
19) 1,1-Dichloroethane	3.45	63	2642	0.133 ug/L #	86
22) cis-1,2-Dichloroethene	4.23	96	58262	5.601 ug/L	98
34) Trichloroethene	6.19	95	3106	0.297 ug/L	92

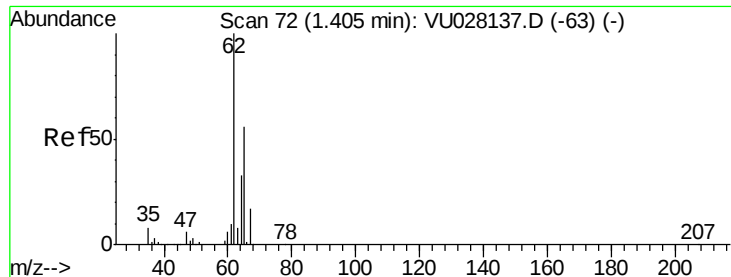
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028143.D
Acq On : 15 Nov 2018 00:55
Operator : MD/SY
Sample : J5943-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FH4

Quant Time: Nov 15 07:24:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.050 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028143.D

Acq: 15 Nov 2018 00:55

Instrument :

MSVOA_U

ClientSampled :

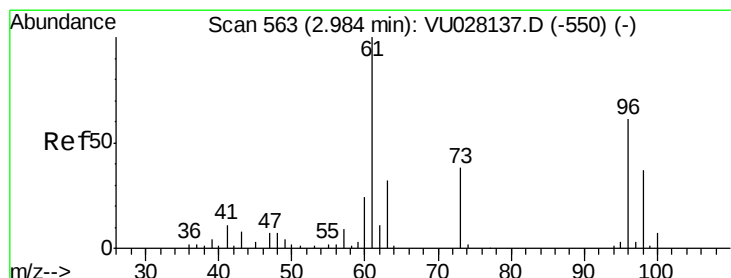
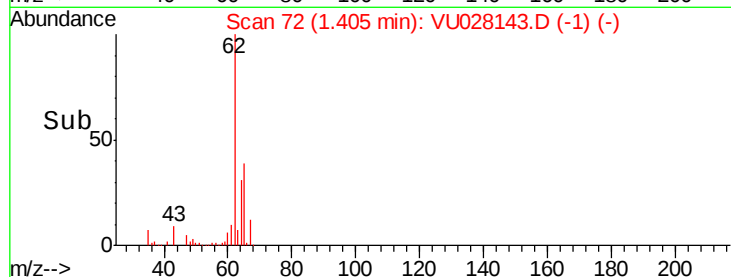
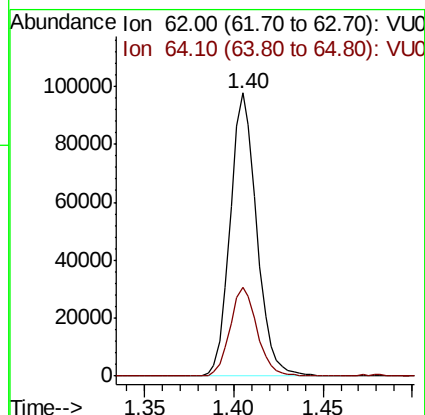
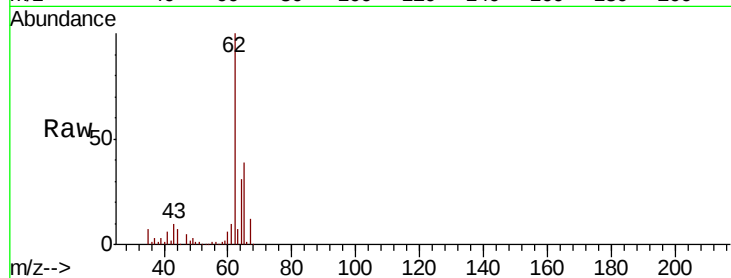
H0FH4

Tot Ion: 62 Resp: 100780

Ion Ratio Lower Upper

62 100

64 31.4 22.7 42.3



#18

trans-1,2-Dichloroethene

Concen: 1.773 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028143.D

Acq: 15 Nov 2018 00:55

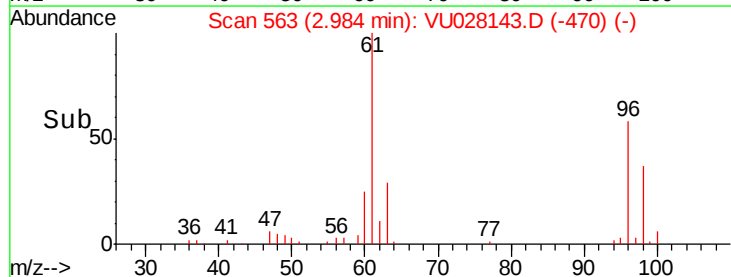
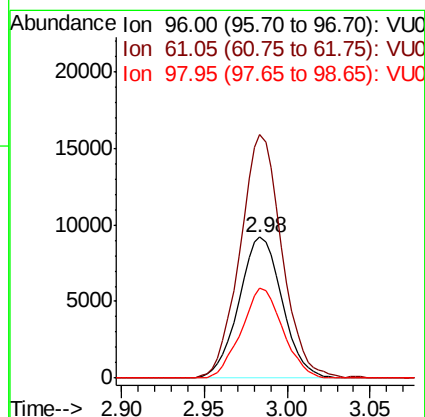
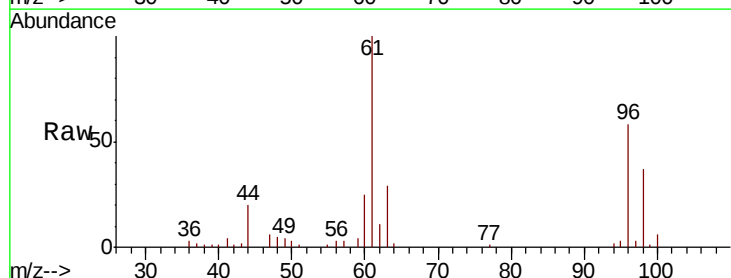
Tgt Ion: 96 Resp: 16728

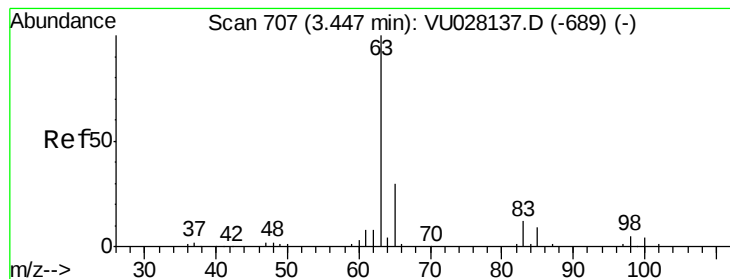
Ion Ratio Lower Upper

96 100

61 172.8 118.5 220.1

98 63.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.133 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU028143.D

Acq: 15 Nov 2018 00:55

Instrument :

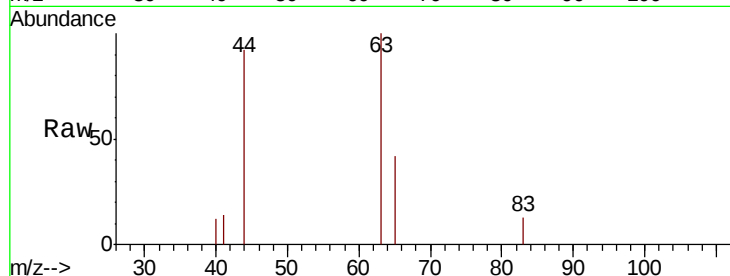
MSVOA_U

ClientSampled :

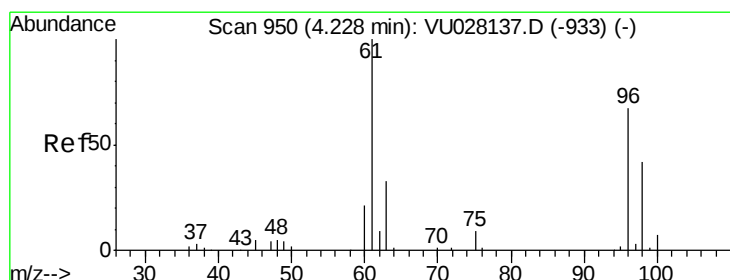
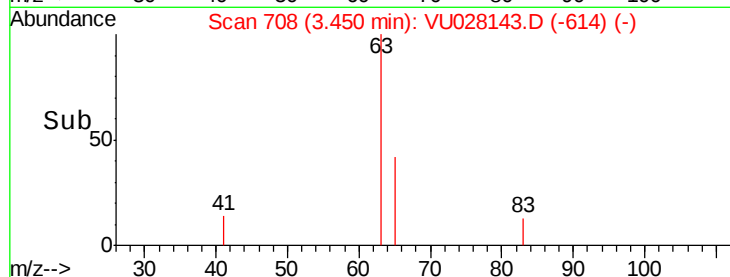
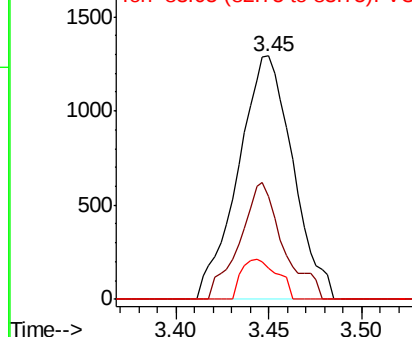
H0FH4

Tot Ion: 63 Resp: 2642

Ion	Ratio	Lower	Upper
63	100		
65	42.3	22.2	41.2#
83	12.6	8.9	16.5



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 5.601 ug/L

RT: 4.23 min Scan# 950

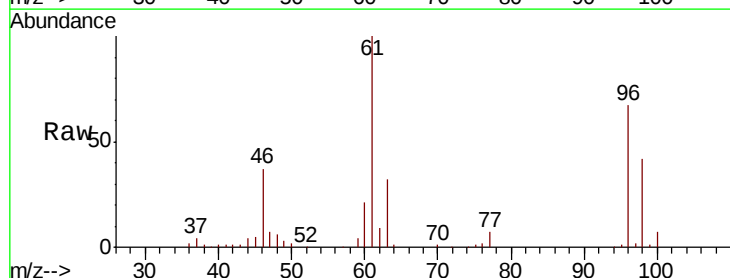
Delta R.T. -0.00 min

Lab File: VU028143.D

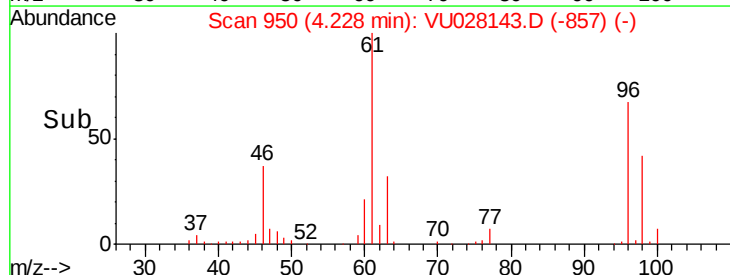
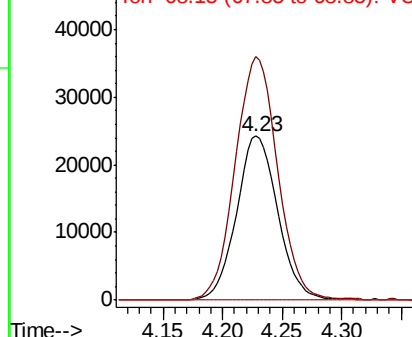
Acq: 15 Nov 2018 00:55

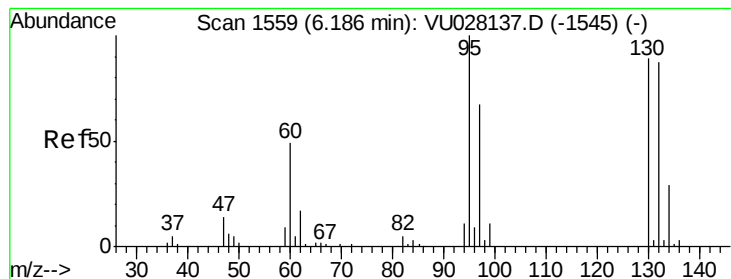
Tgt Ion: 96 Resp: 58262

Ion	Ratio	Lower	Upper
96	100		
61	148.4	101.8	189.0
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: 0.297 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028143.D

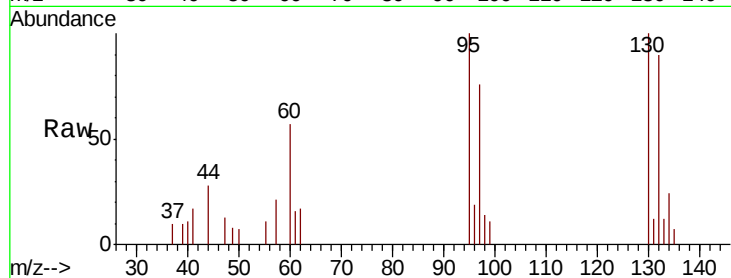
Acq: 15 Nov 2018 00:55

Instrument :

MSVOA_U

ClientSampleId :

H0FH4



Tot Ion: 95 Resp: 3106

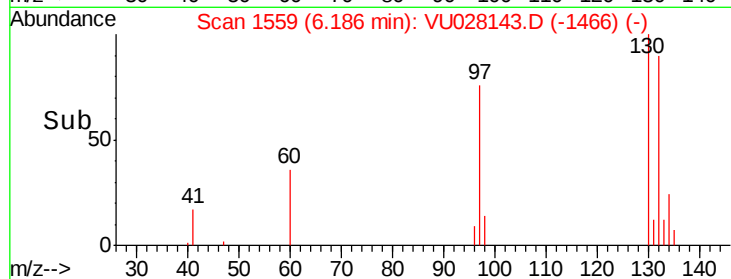
Ion Ratio Lower Upper

95 100

97 76.6 45.3 84.1

132 90.3 63.0 117.0

130 100.1 63.6 118.2



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

