

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028318.D
 Acq On : 21 Nov 2018 14:39
 Operator : MD/SY
 Sample : J6026-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FMDL

Quant Time: Nov 21 23:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	162193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66654	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.68	69	50869	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.27	63	95156	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.19	46	194063	47.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.65	84	110704	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	64584	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.34	84	225240	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	81752	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.57	98	196958	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	28890	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.31	63	137624	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55719	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	65082	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

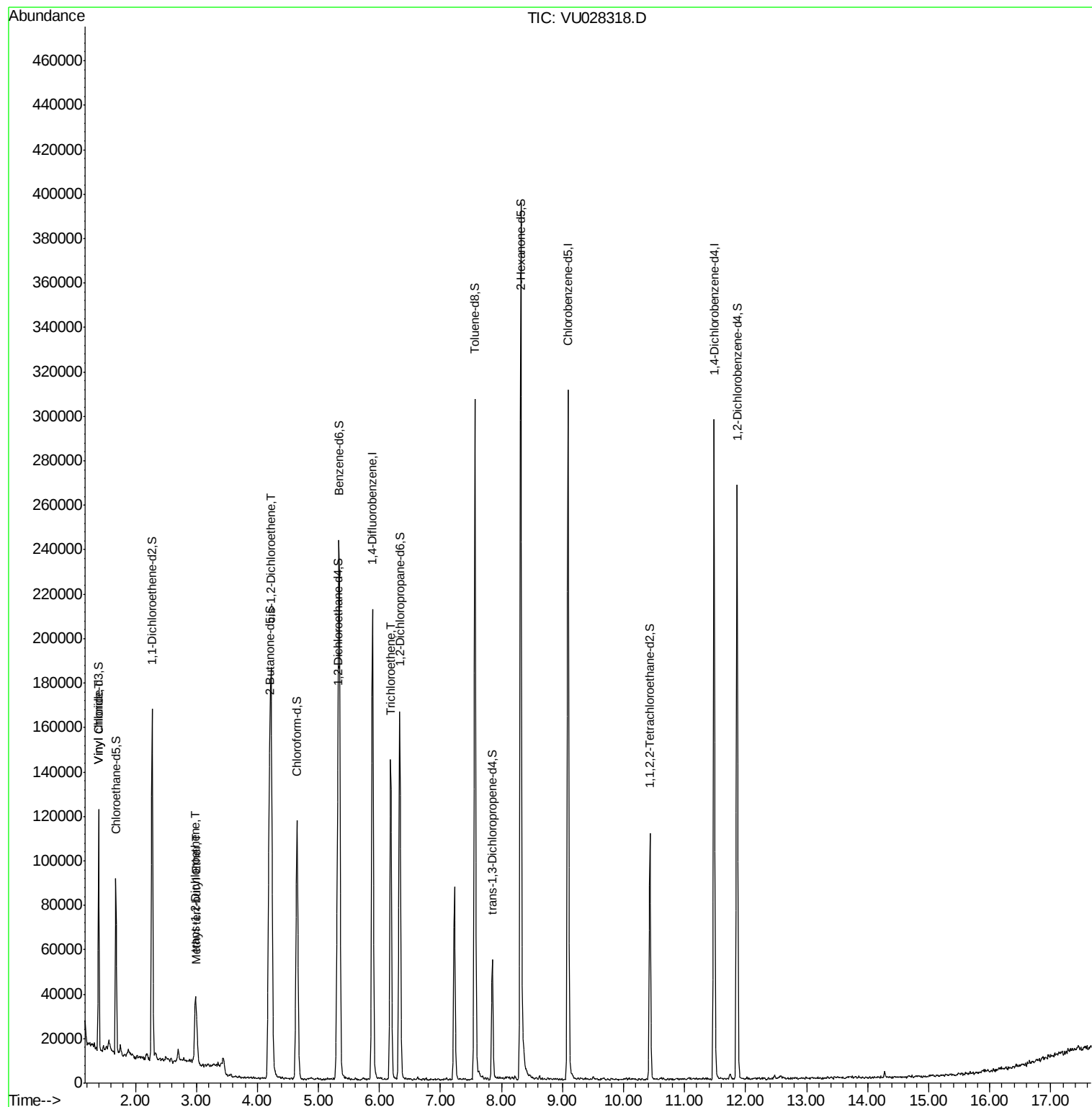
					Qvalue
5) Vinyl chloride	1.40	62	4700	0.286 ug/L #	55
17) Methyl tert-butyl Ether	3.01	73	15860	0.529 ug/L #	86
18) trans-1,2-Dichloroethene	2.98	96	7976	0.750 ug/L	92
22) cis-1,2-Dichloroethene	4.22	96	78413	6.237 ug/L	95
34) Trichloroethene	6.18	95	49721	3.954 ug/L	95

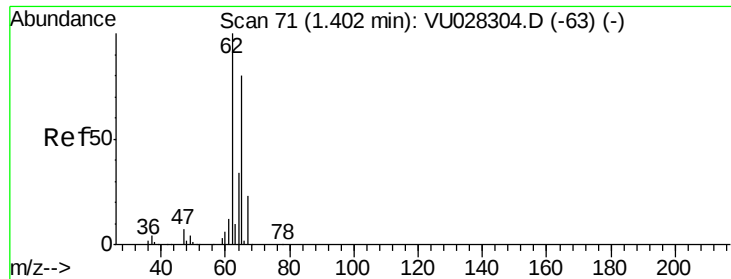
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.286 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

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ClientSampleId :

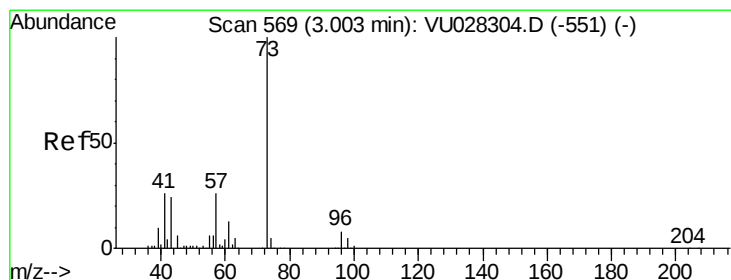
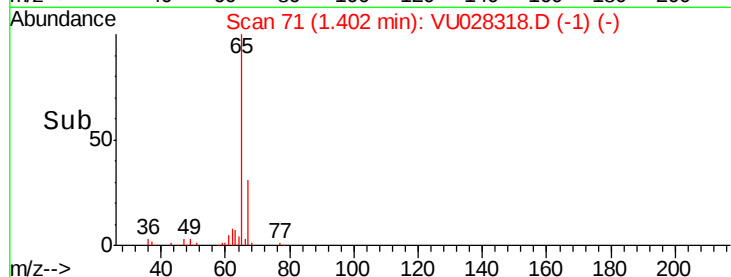
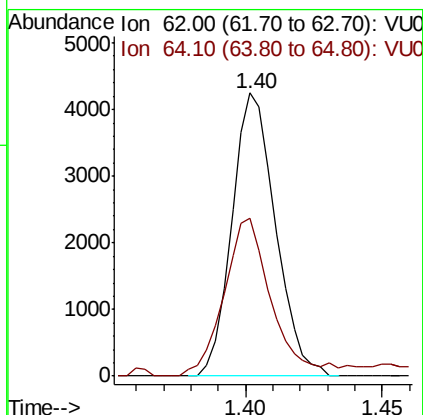
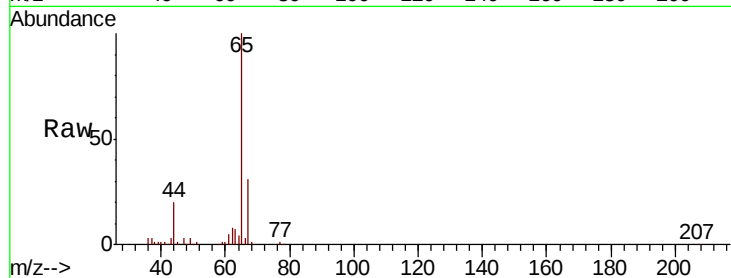
H0FMODEL

Tgt Ion: 62 Resp: 4700

Ion Ratio Lower Upper

62 100

64 55.6 21.7 40.3#



#17

Methyl tert-butyl Ether

Concen: 0.529 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU028318.D

Acq: 21 Nov 2018 14:39

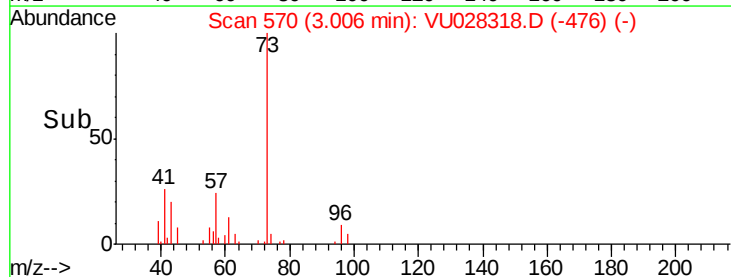
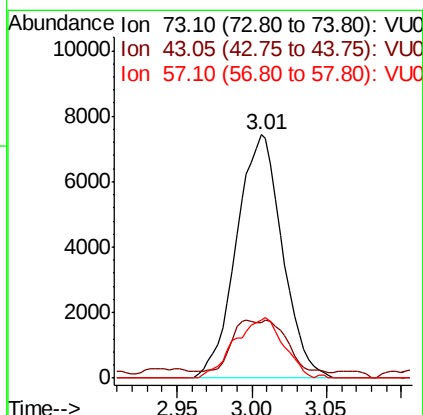
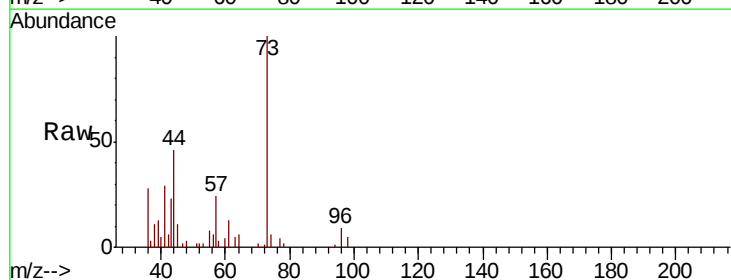
Tgt Ion: 73 Resp: 15860

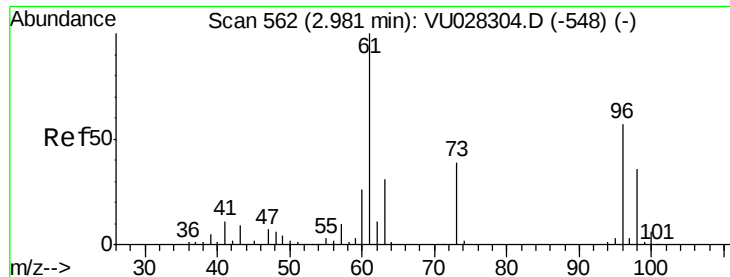
Ion Ratio Lower Upper

73 100

43 11.6 18.8 28.2#

57 26.3 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.750 ug/L

RT: 2.98 min Scan# 561

Delta R.T. -0.00 min

Lab File: VU028318.D

Acq: 21 Nov 2018 14:39

Instrument :

MSVOA_U

ClientSampleId :

H0FMDL

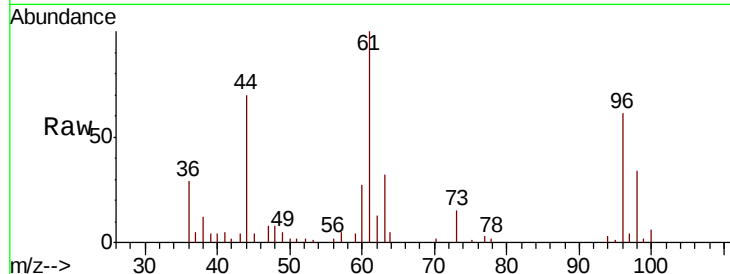
Tgt Ion: 96 Resp: 7976

Ion Ratio Lower Upper

96 100

61 164.2 122.2 227.0

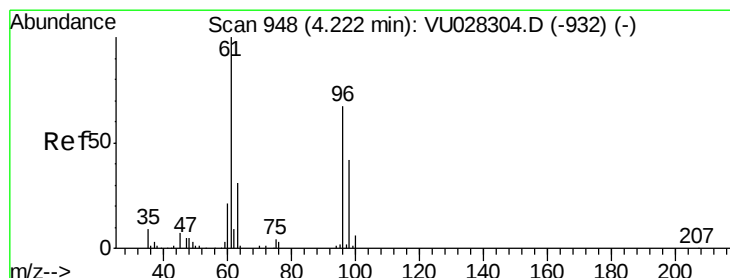
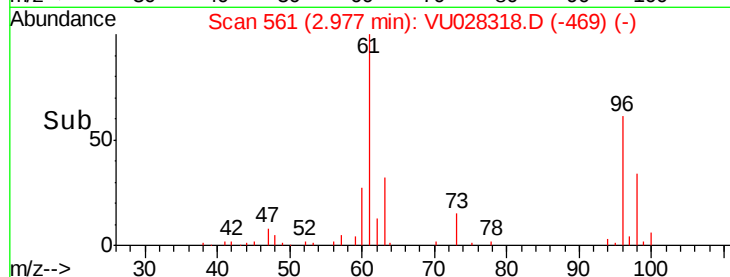
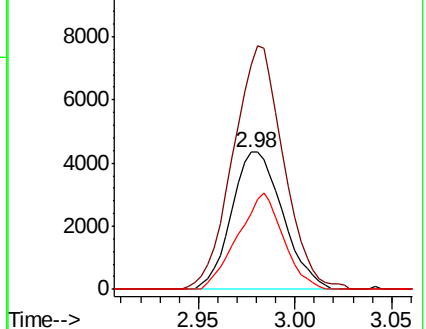
98 55.4 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 6.237 ug/L

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028318.D

Acq: 21 Nov 2018 14:39

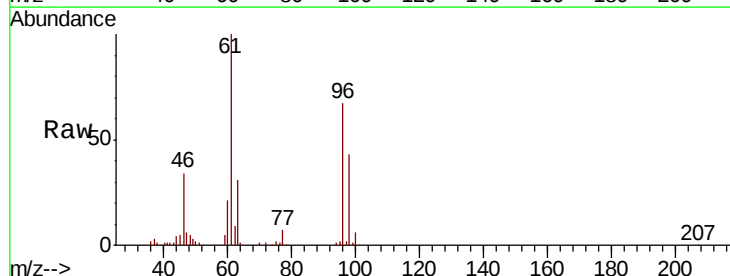
Tgt Ion: 96 Resp: 78413

Ion Ratio Lower Upper

96 100

61 148.4 108.0 200.6

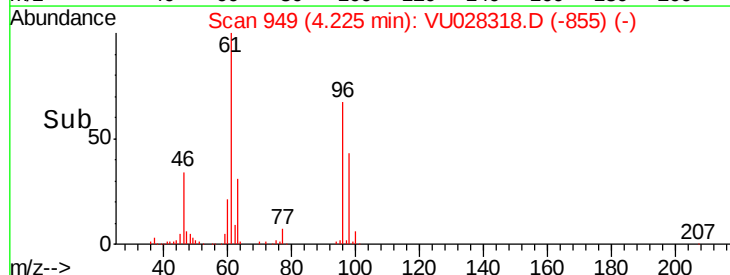
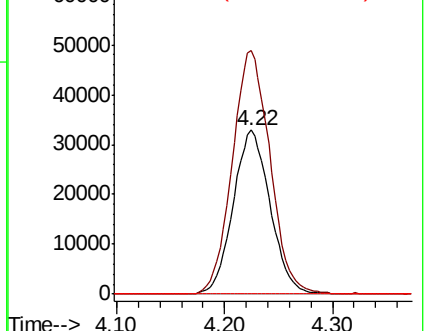
68 0.0 0.0 0.0

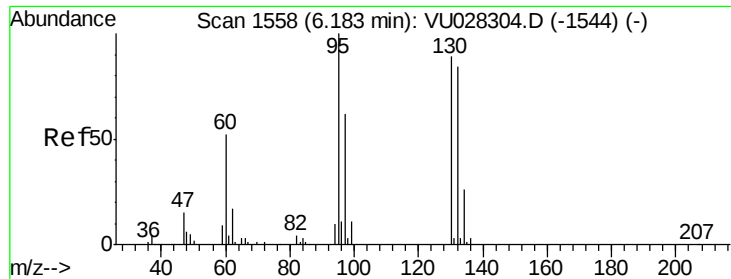


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 3.954 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028318.D

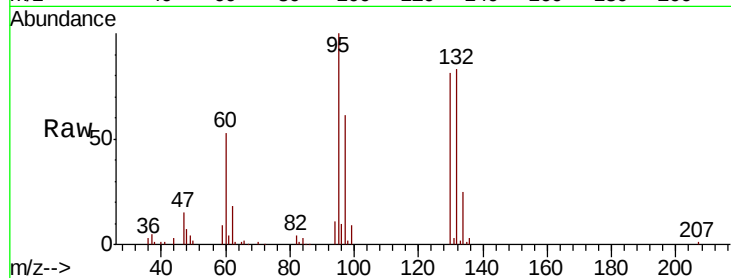
Acq: 21 Nov 2018 14:39

Instrument :

MSVOA_U

ClientSampleId :

H0FMODEL



Tgt Ion: 95 Resp: 49721

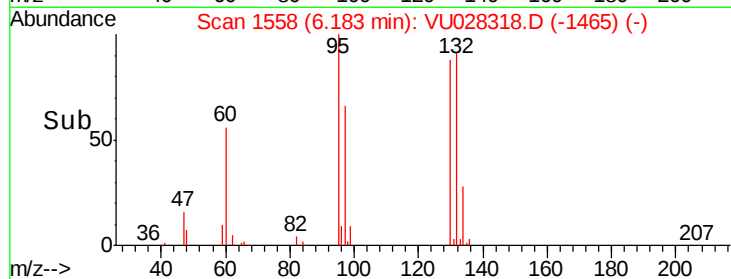
Ion Ratio Lower Upper

95 100

97 60.9 46.5 86.3

132 83.0 58.9 109.3

130 80.8 61.3 113.9



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

