

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
 Data File : VU028209.D
 Acq On : 17 Nov 2018 02:06
 Operator : MD/SY
 Sample : J5986-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH0

Quant Time: Nov 17 04:16:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 03:46:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68301	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.68	69	50206	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.28	63	91772	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.20	46	219008	58.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.02%
24) Chloroform-d	4.65	84	105607	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.31	65	63316	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.34	84	214962	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	79783	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.57	98	186157	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	24250	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	158951	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56833	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	64050	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

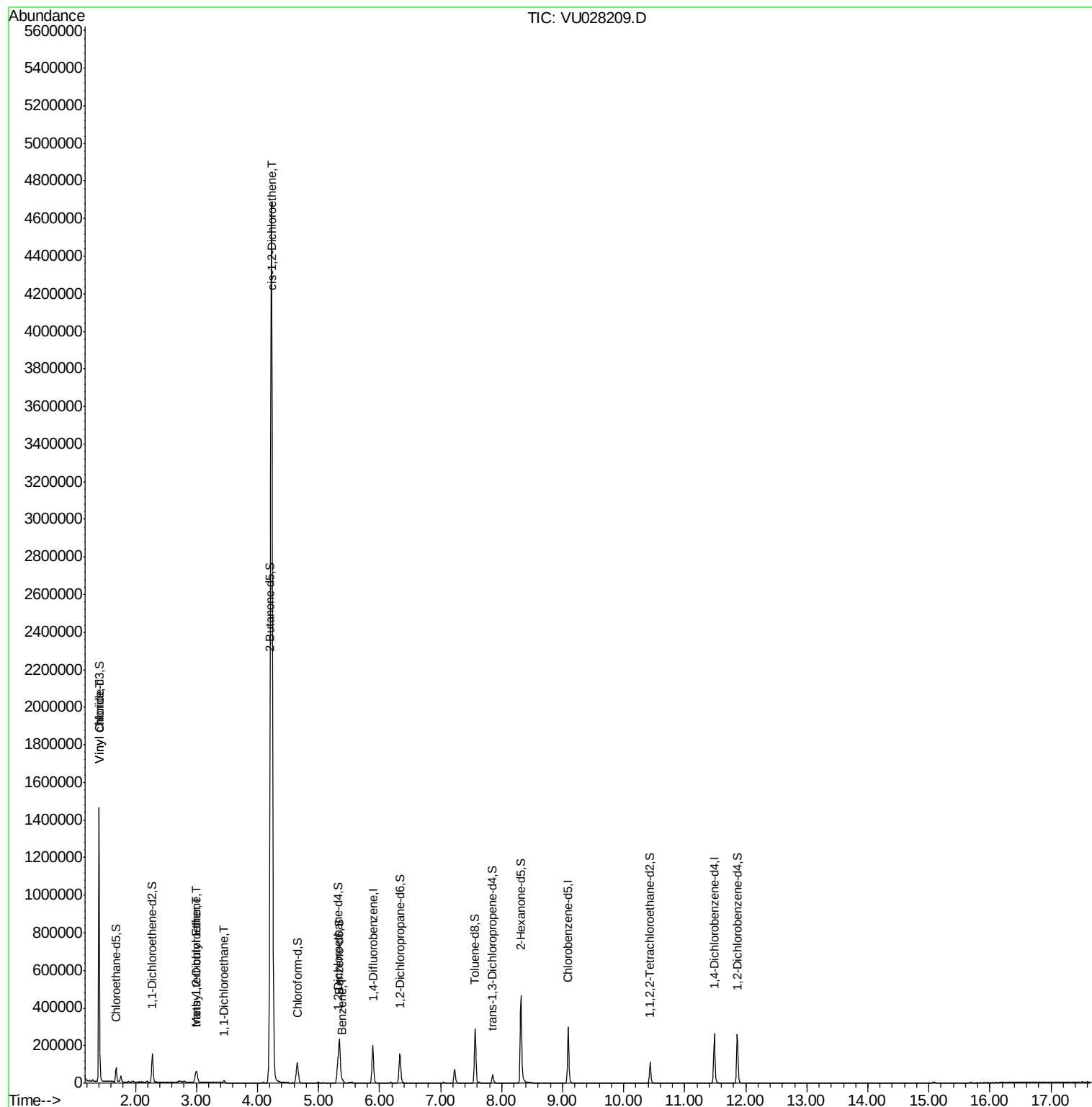
					Qvalue
5) Vinyl chloride	1.40	62	875223	52.535 ug/L	99
17) Methyl tert-butyl Ether	3.01	73	44152	1.527 ug/L #	89
18) trans-1,2-Dichloroethene	2.98	96	10500	0.955 ug/L	98
19) 1,1-Dichloroethane	3.45	63	12841	0.555 ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	2361753	194.822 ug/L	95
33) Benzene	5.40	78	13040	0.262 ug/L	100

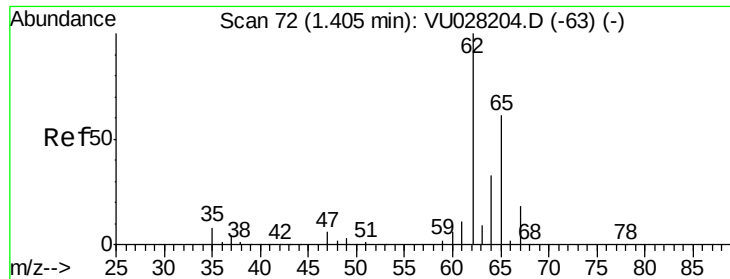
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028209.D
Acq On : 17 Nov 2018 02:06
Operator : MD/SY
Sample : J5986-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FH0

Quant Time: Nov 17 04:16:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 52.535 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028209.D

Acq: 17 Nov 2018 02:06

Instrument :

MSVOA_U

ClientSampleId :

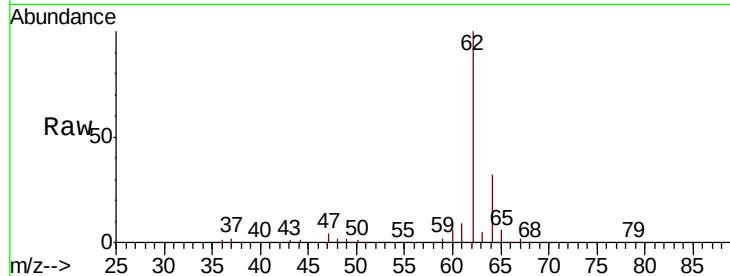
H0FH0

Tgt Ion: 62 Resp: 875223

Ion Ratio Lower Upper

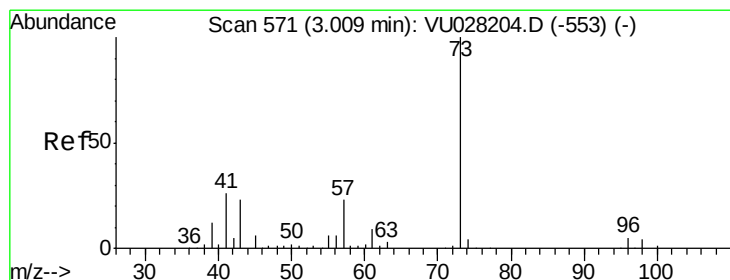
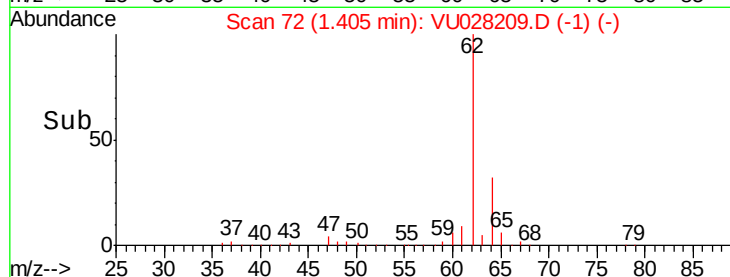
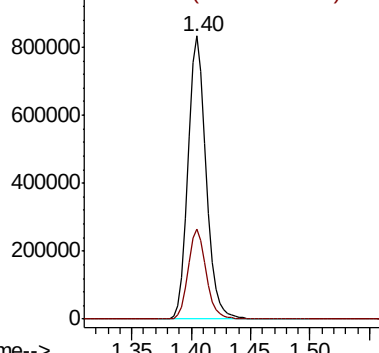
62 100

64 31.8 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 1.527 ug/L

RT: 3.01 min Scan# 571

Delta R.T. -0.00 min

Lab File: VU028209.D

Acq: 17 Nov 2018 02:06

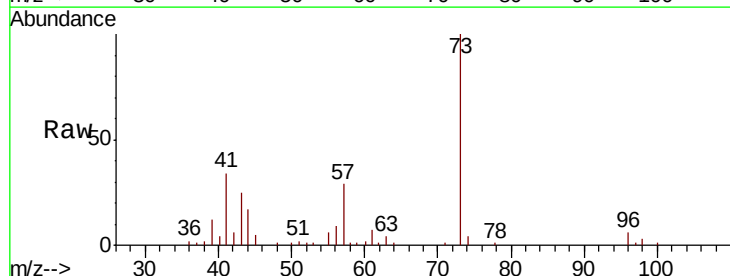
Tgt Ion: 73 Resp: 44152

Ion Ratio Lower Upper

73 100

43 26.4 18.1 27.1

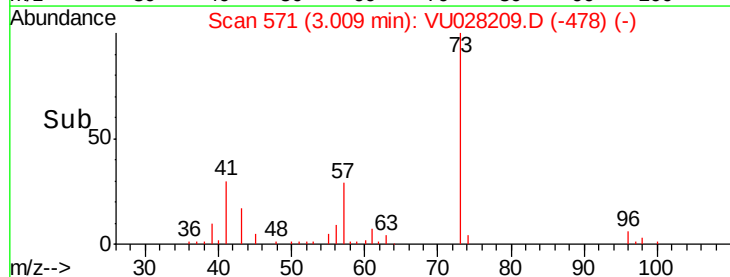
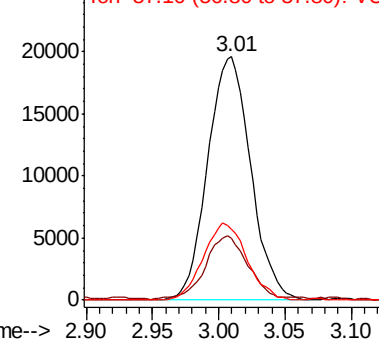
57 31.8 20.0 30.0#

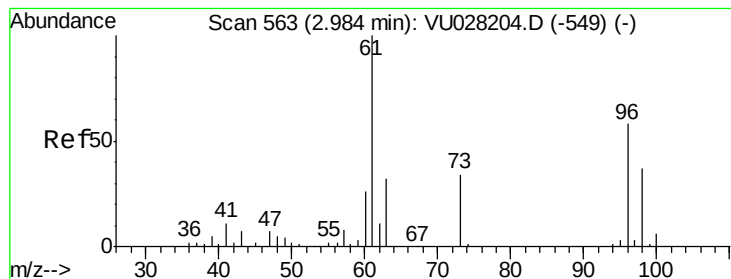


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.955 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028209.D

Acq: 17 Nov 2018 02:06

Instrument :

MSVOA_U

ClientSampleId :

H0FH0

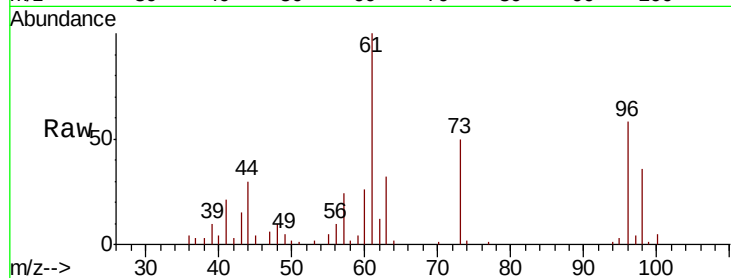
Tgt Ion: 96 Resp: 10500

Ion Ratio Lower Upper

96 100

61 172.5 118.5 220.1

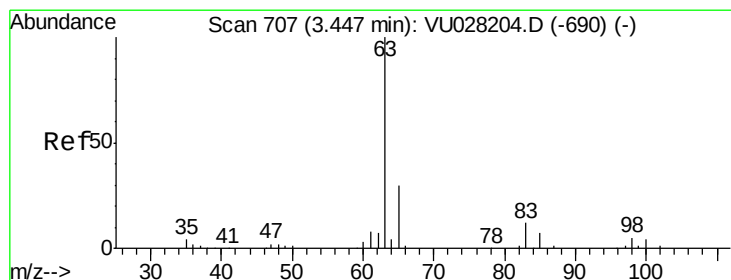
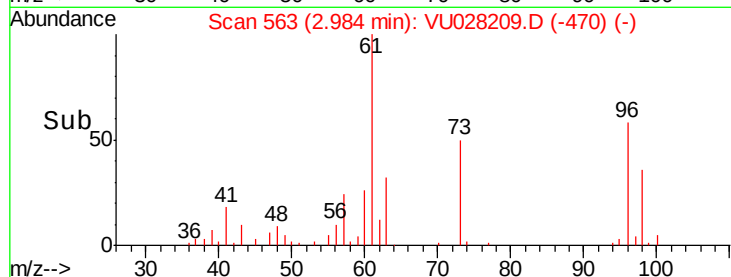
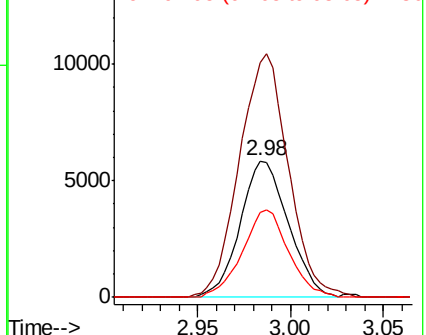
98 62.4 44.9 83.5



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



#19

1,1-Dichloroethane

Concen: 0.555 ug/L

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028209.D

Acq: 17 Nov 2018 02:06

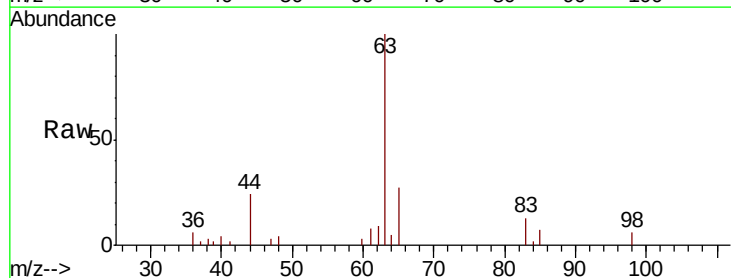
Tgt Ion: 63 Resp: 12841

Ion Ratio Lower Upper

63 100

65 27.4 22.2 41.2

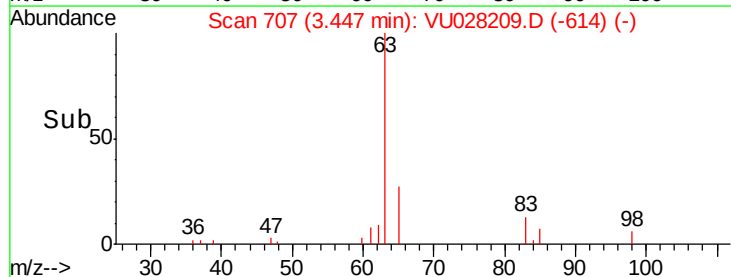
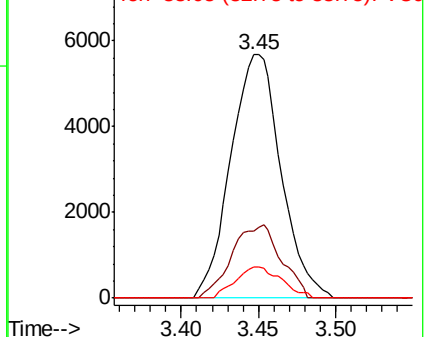
83 12.8 8.9 16.5

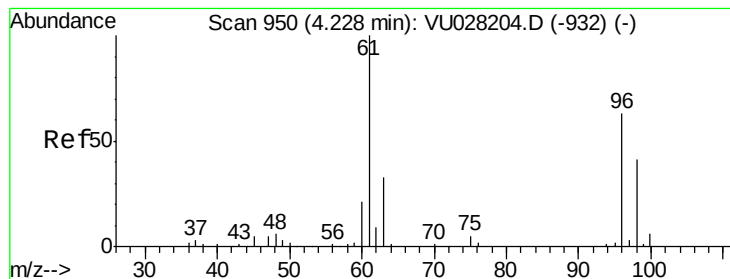


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 194.822 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028209.D

Acq: 17 Nov 2018 02:06

Instrument :

MSVOA_U

ClientSampleId :

H0FH0

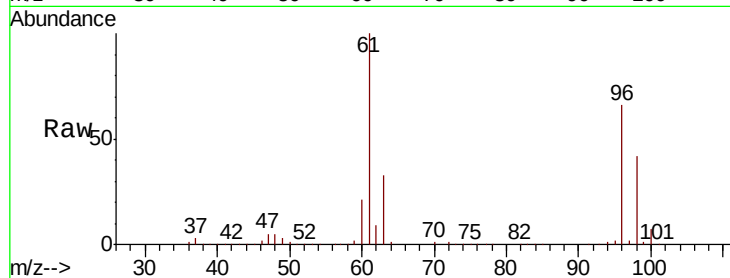
Tgt Ion: 96 Resp: 2361753

Ion Ratio Lower Upper

96 100

61 152.1 101.8 189.0

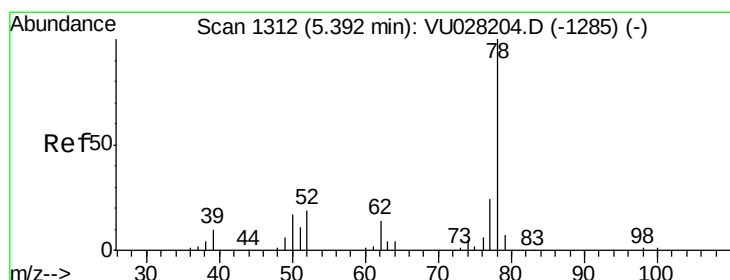
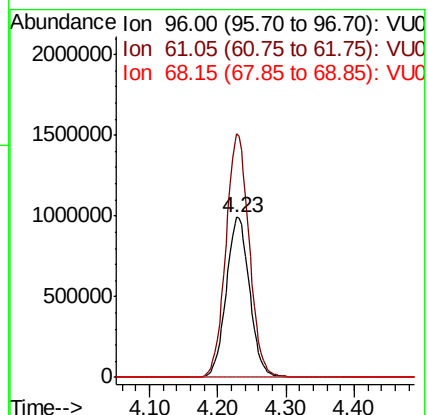
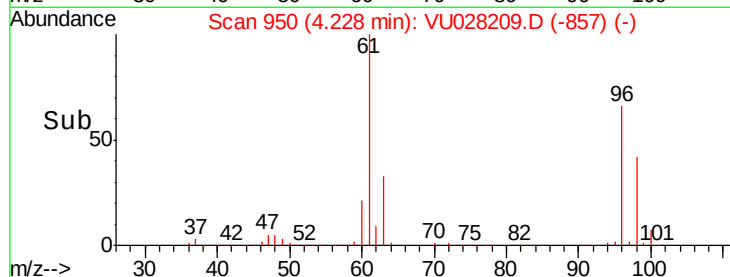
68 0.0 0.0 0.0



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



#33

Benzene

Concen: 0.262 ug/L

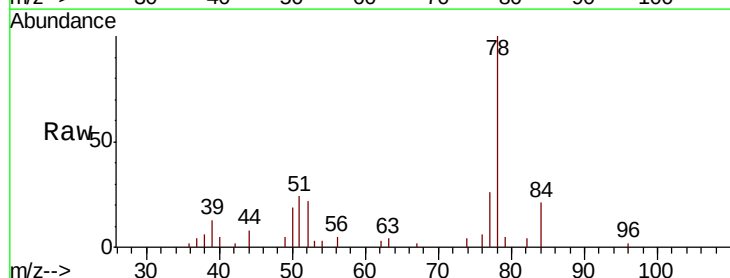
RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU028209.D

Acq: 17 Nov 2018 02:06

Tgt Ion: 78 Resp: 13040



Abundance Ion 78.10 (77.80 to 78.80): VU0

