

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028289.D
 Acq On : 20 Nov 2018 19:45
 Operator : MD/SY
 Sample : J5995-20DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FL7DL

Quant Time: Nov 21 07:33:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 07:07:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122309	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	117387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35852	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.68	69	34212	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.28	63	52309	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.20	46	178980	58.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.22%
24) Chloroform-d	4.65	84	80598	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	46760	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	147409	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.33	67	58806	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.57	98	119672	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.85	79	16245	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.31	63	123381	52.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47079	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	46299	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

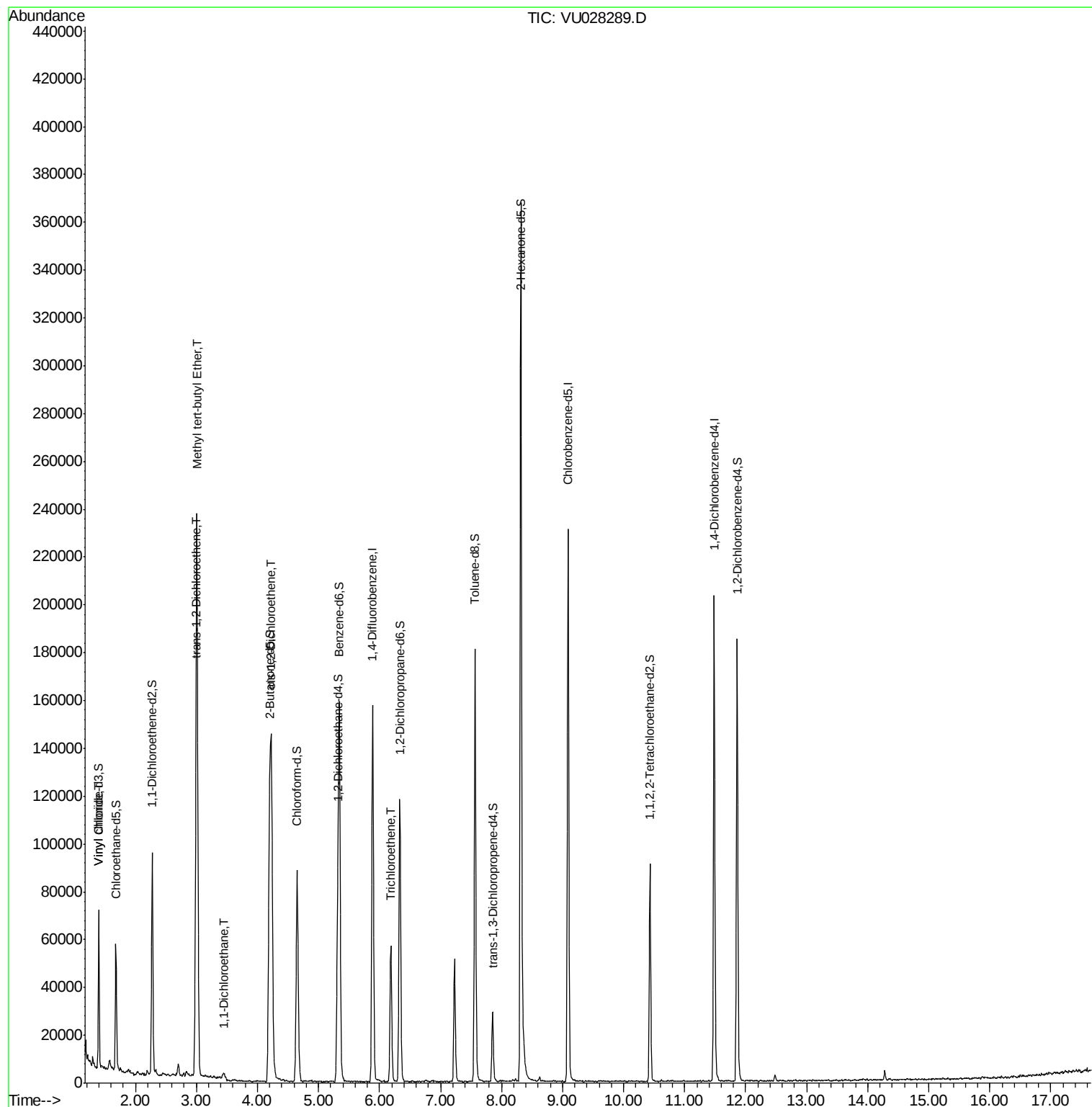
						Qvalue
5) Vinyl chloride	1.40	62	6851	0.55	ug/L	# 81
17) Methyl tert-butyl Ether	3.01	73	228483	10.10	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	6528	0.81	ug/L	90
19) 1,1-Dichloroethane	3.45	63	2142	0.12	ug/L	# 85
22) cis-1,2-Dichloroethene	4.23	96	57511	6.07	ug/L	93
34) Trichloroethene	6.18	95	19807	2.09	ug/L	96

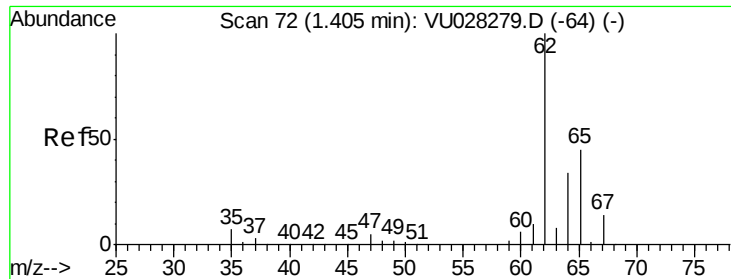
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 07:07:52 2018
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#5

Vinyl chloride

Concen: 0.55 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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Acq: 20 Nov 2018 19:45

Instrument :

MSVOA_U

ClientSampleId :

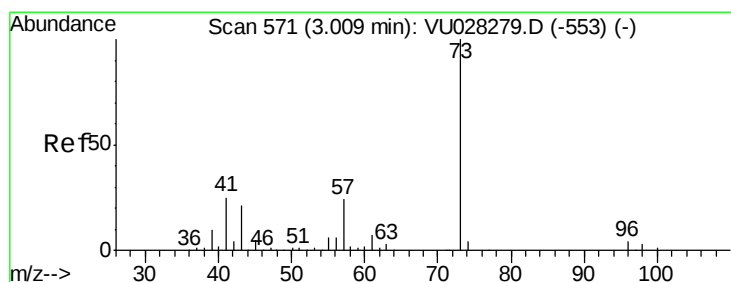
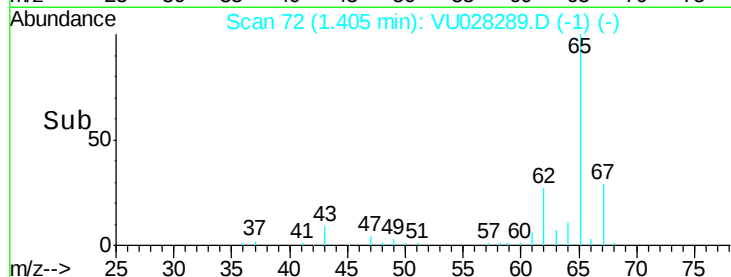
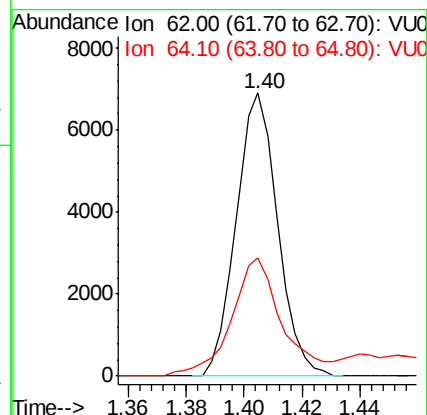
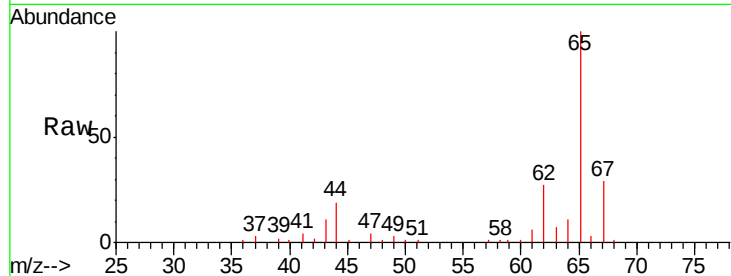
H0FL7DL

Tgt Ion: 62 Resp: 6851

Ion Ratio Lower Upper

62 100

64 41.6 21.7 40.3#



#17

Methyl tert-butyl Ether

Concen: 10.10 ug/L

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

Lab File: VU028289.D

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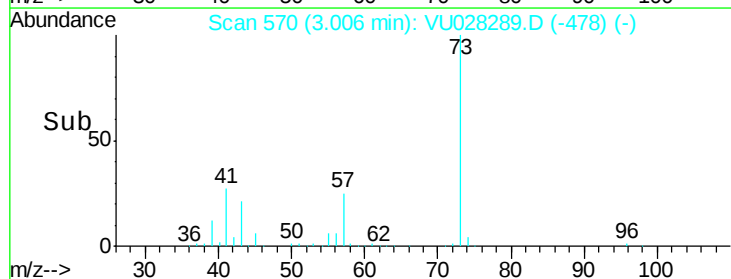
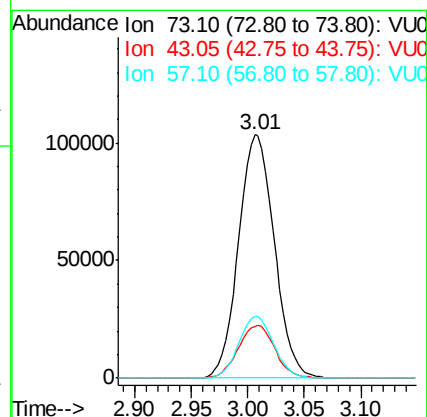
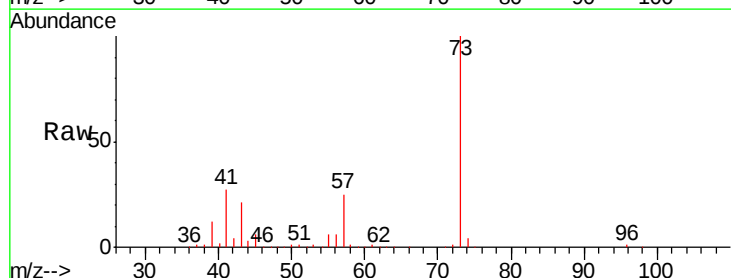
Tgt Ion: 73 Resp: 228483

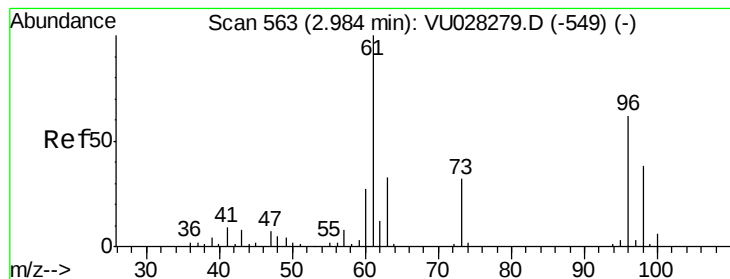
Ion Ratio Lower Upper

73 100

43 21.8 18.8 28.2

57 24.8 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.81 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028289.D

Acq: 20 Nov 2018 19:45

Instrument :

MSVOA_U

ClientSampleId :

H0FL7DL

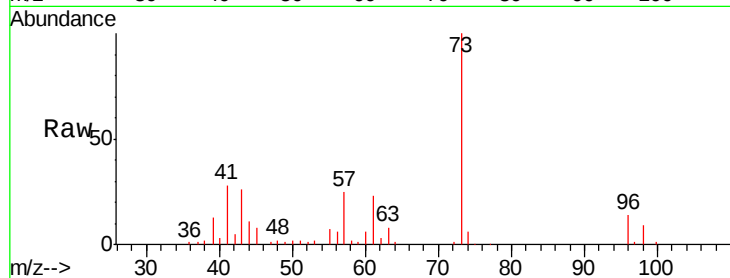
Tgt Ion: 96 Resp: 6528

Ion Ratio Lower Upper

96 100

61 157.8 122.2 227.0

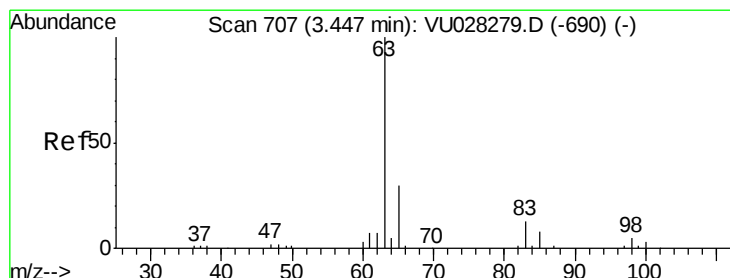
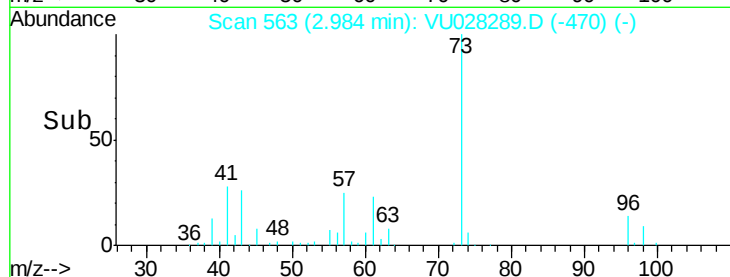
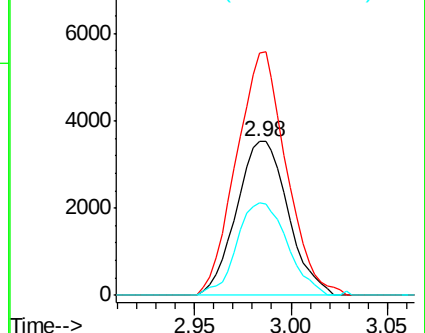
98 59.9 44.9 83.5



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: 0.12 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU028289.D

Acq: 20 Nov 2018 19:45

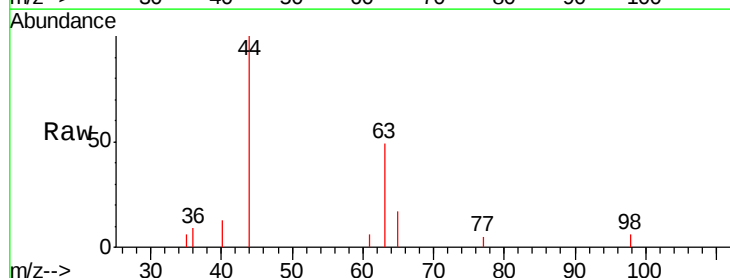
Tgt Ion: 63 Resp: 2142

Ion Ratio Lower Upper

63 100

65 34.4 21.2 39.4

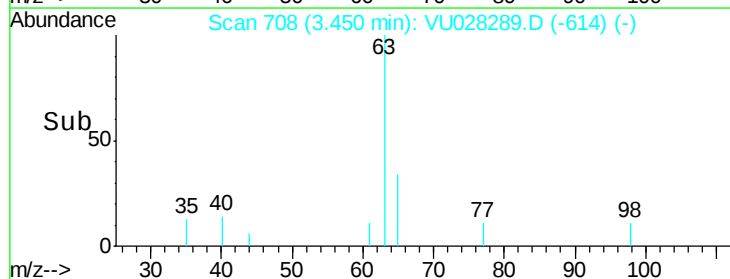
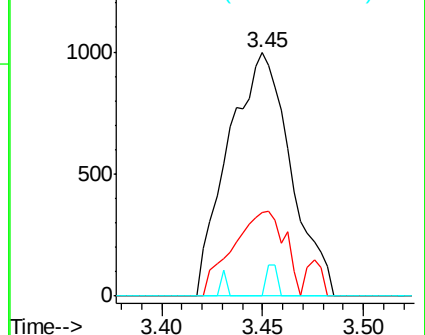
83 0.0 8.8 16.4#

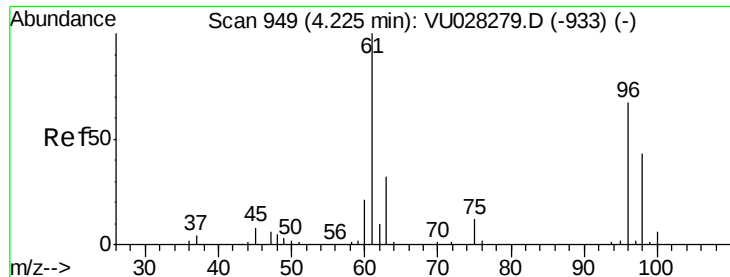


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 6.07 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028289.D

Acq: 20 Nov 2018 19:45

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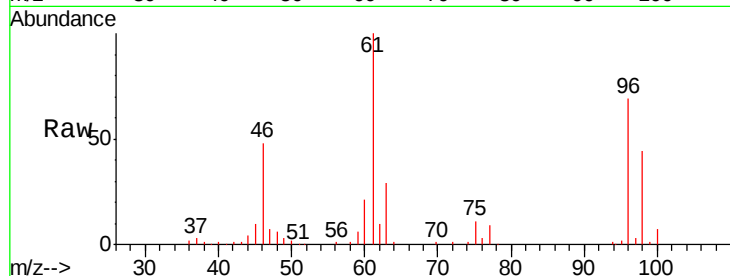
Tgt Ion: 96 Resp: 57511

Ion Ratio Lower Upper

96 100

61 145.3 108.0 200.6

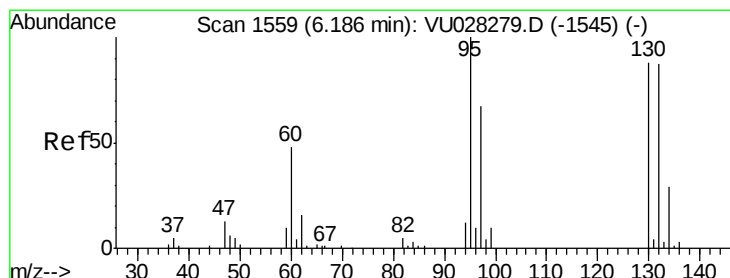
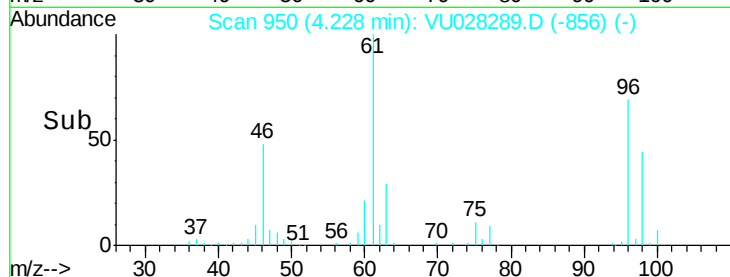
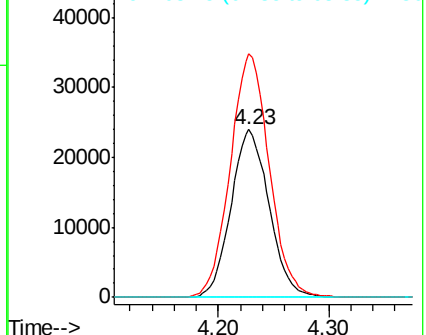
68 0.0 0.0 0.0



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: 2.09 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028289.D

Acq: 20 Nov 2018 19:45

Tgt Ion: 95 Resp: 19807

Ion Ratio Lower Upper

95 100

97 67.4 46.5 86.3

132 82.7 58.9 109.3

130 94.5 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

