

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
 Data File : VU028284.D
 Acq On : 20 Nov 2018 17:46
 Operator : MD/SY
 Sample : J5995-07DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FK6DL

Quant Time: Nov 21 07:25:44 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	126003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	119709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	50486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38701	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.68	69	37649	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.28	63	59912	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.20	46	181328	57.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.30%
24) Chloroform-d	4.65	84	83773	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.31	65	49490	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	162844	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.33	67	64562	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.57	98	132687	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	18056	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	128516	53.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48713	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	50181	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

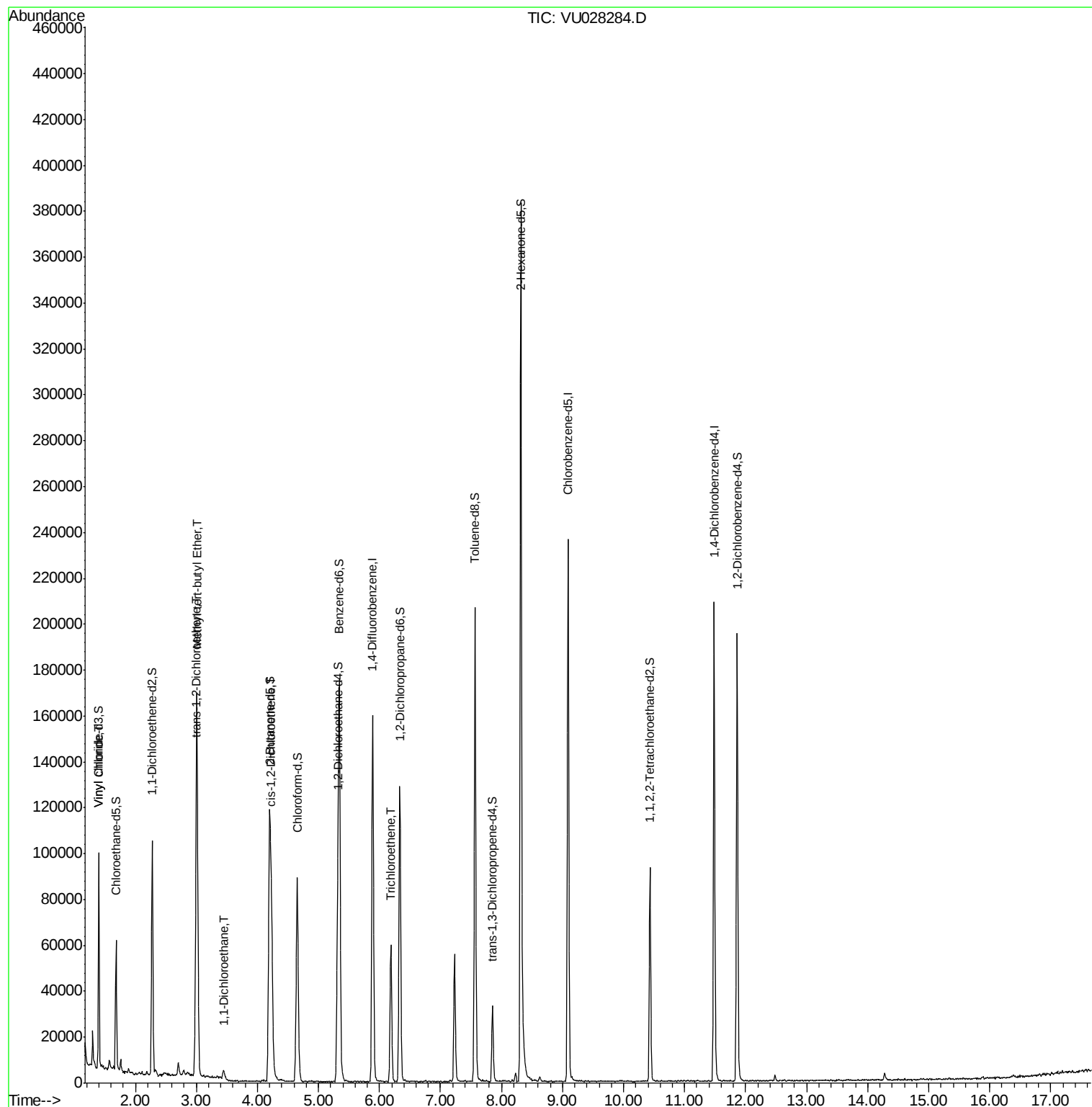
					Qvalue
5) Vinyl chloride	1.41	62	9258	0.72 ug/L	# 74
17) Methyl tert-butyl Ether	3.01	73	161632	6.94 ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	3835	0.46 ug/L	79
19) 1,1-Dichloroethane	3.45	63	3373	0.18 ug/L	# 88
22) cis-1,2-Dichloroethene	4.23	96	29296	3.00 ug/L	85
34) Trichloroethene	6.19	95	20637	2.13 ug/L	93

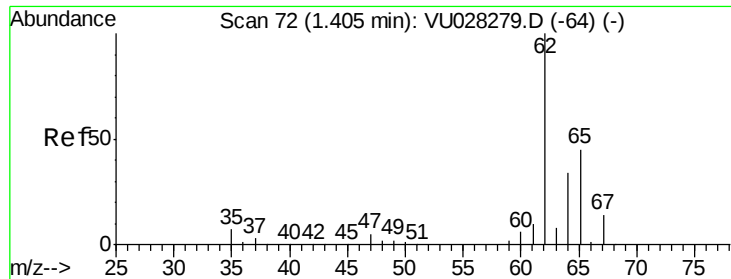
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.72 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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Acq: 20 Nov 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

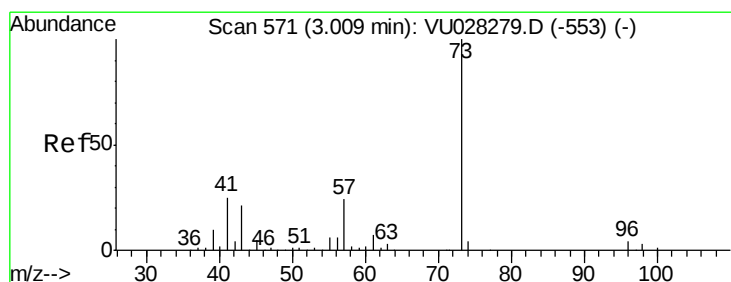
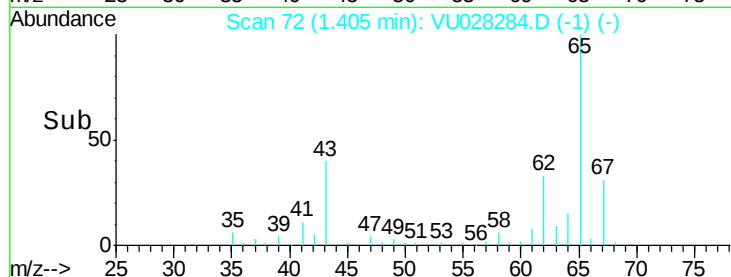
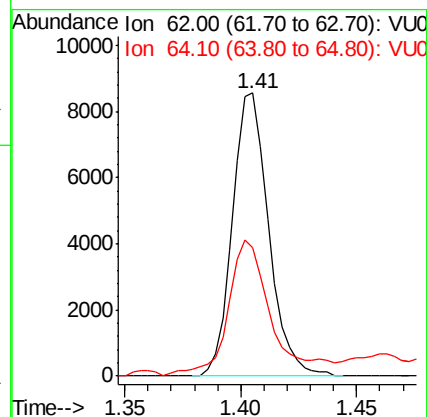
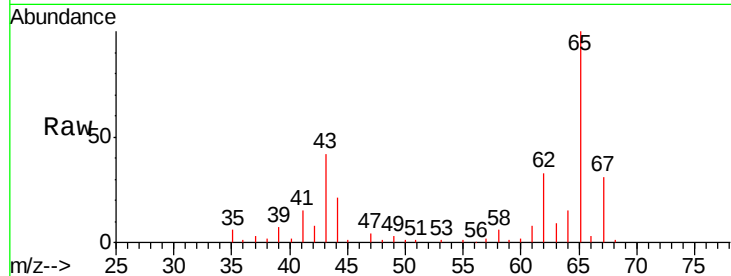
H0FK6DL

Tgt Ion: 62 Resp: 9258

Ion Ratio Lower Upper

62 100

64 45.4 21.7 40.3#



#17

Methyl tert-butyl Ether

Concen: 6.94 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028284.D

Acq: 20 Nov 2018 17:46

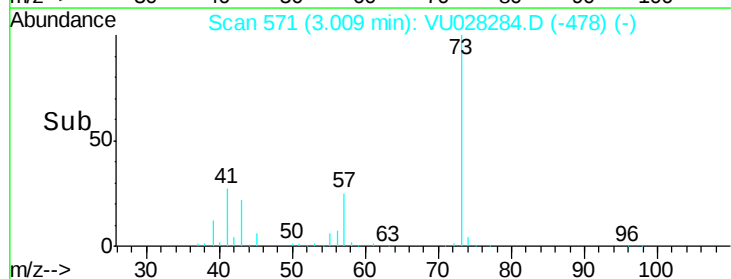
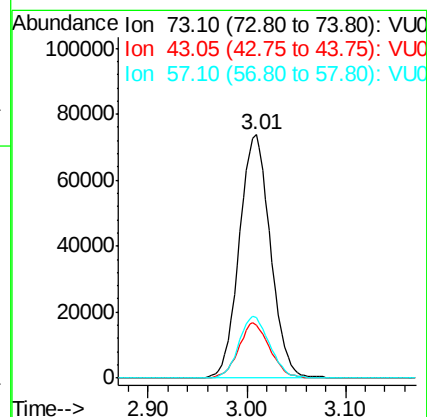
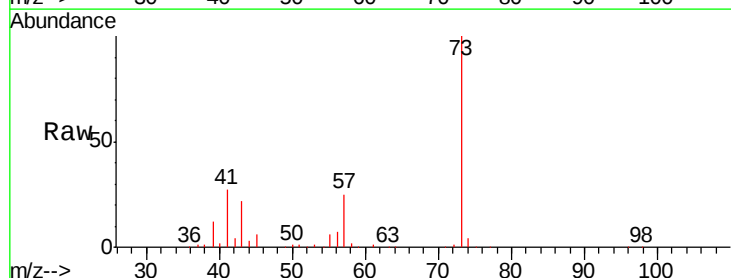
Tgt Ion: 73 Resp: 161632

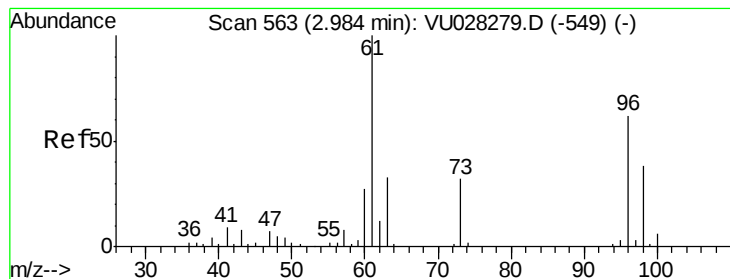
Ion Ratio Lower Upper

73 100

43 22.7 18.8 28.2

57 25.1 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.46 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028284.D

Acq: 20 Nov 2018 17:46

Instrument :

MSVOA_U

ClientSampleId :

H0FK6DL

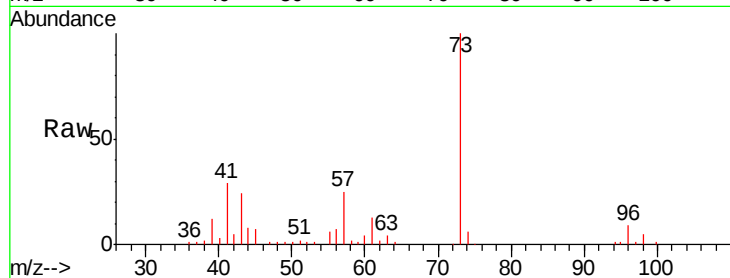
Tgt Ion: 96 Resp: 3835

Ion Ratio Lower Upper

96 100

61 143.0 122.2 227.0

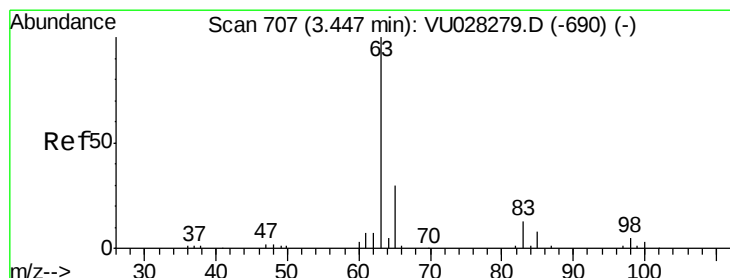
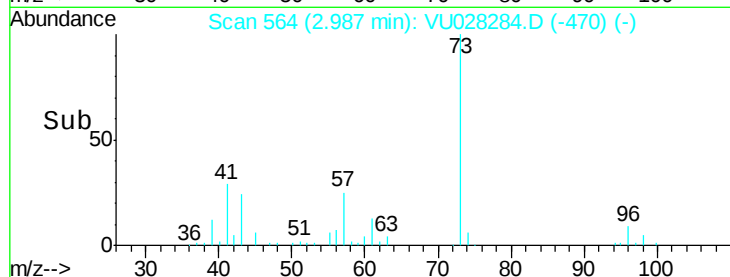
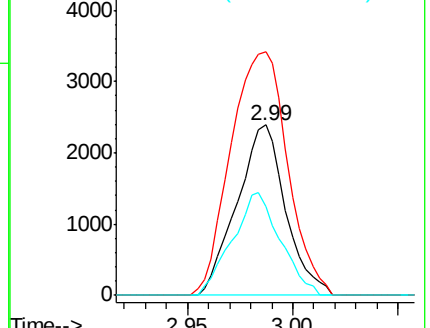
98 52.4 44.9 83.5



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: 0.18 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU028284.D

Acq: 20 Nov 2018 17:46

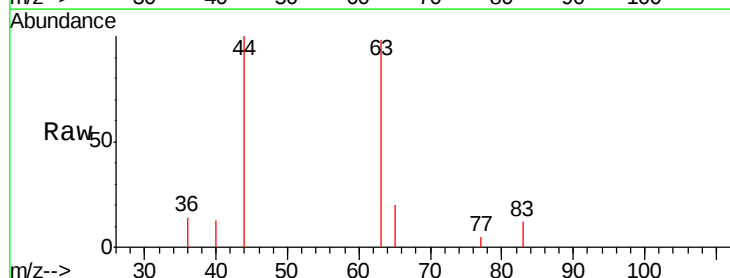
Tgt Ion: 63 Resp: 3373

Ion Ratio Lower Upper

63 100

65 20.8 21.2 39.4#

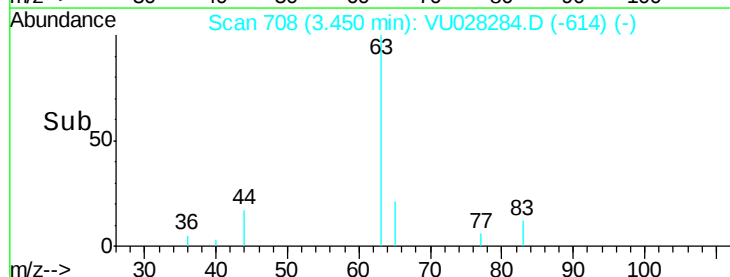
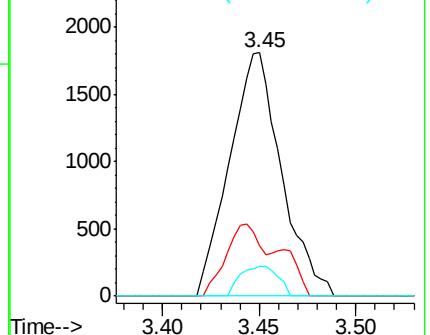
83 12.5 8.8 16.4

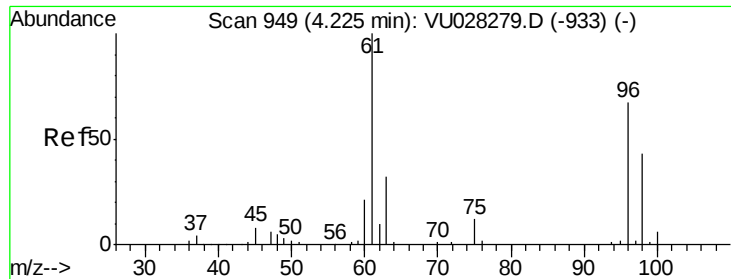


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 3.00 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028284.D

Acq: 20 Nov 2018 17:46

Instrument :

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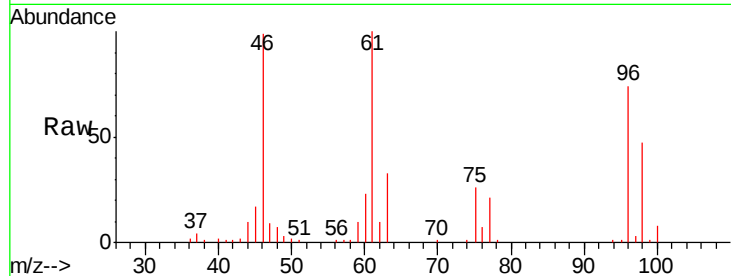
Tgt Ion: 96 Resp: 29296

Ion Ratio Lower Upper

96 100

61 134.4 108.0 200.6

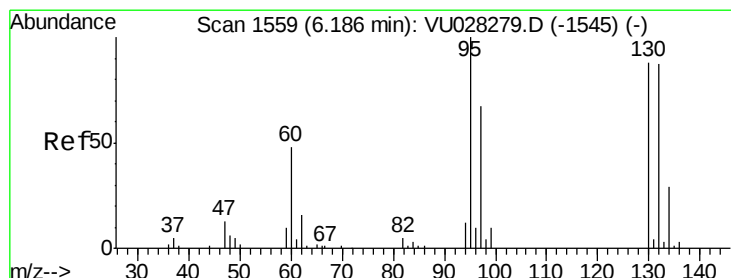
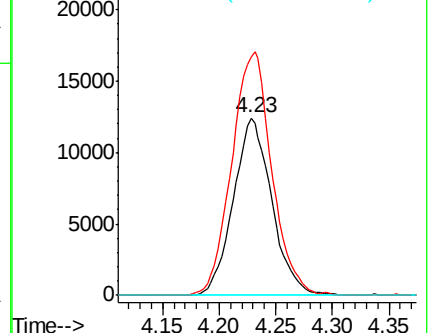
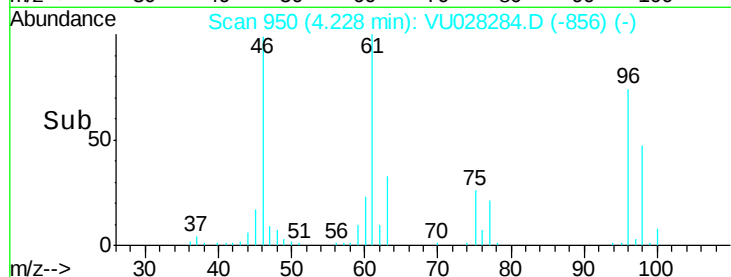
68 0.0 0.0 0.0



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: 2.13 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028284.D

Acq: 20 Nov 2018 17:46

Tgt Ion: 95 Resp: 20637

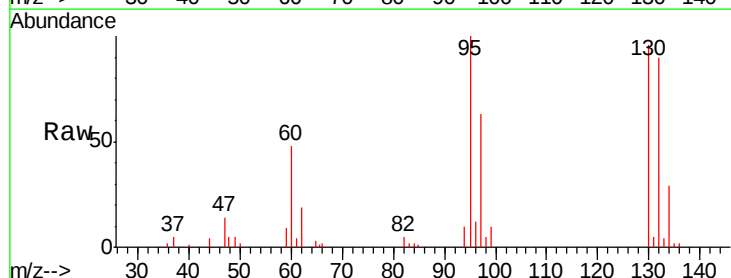
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.3

132 90.3 58.9 109.3

130 96.2 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

