

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101718\
 Data File : VU027683.D
 Acq On : 17 Oct 2018 17:20
 Operator : MD/SY
 Sample : J5463-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC4

Quant Time: Oct 19 10:47:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	79786	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	74393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27650	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.68	69	22415	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.28	63	81312	7.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	144.40%#
20) 2-Butanone-d5	4.20	46	89655	49.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	4.65	84	48506	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	26566	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.34	84	104068	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	35853	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.57	98	97978	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	14505	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	75745	49.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26396	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	35991	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

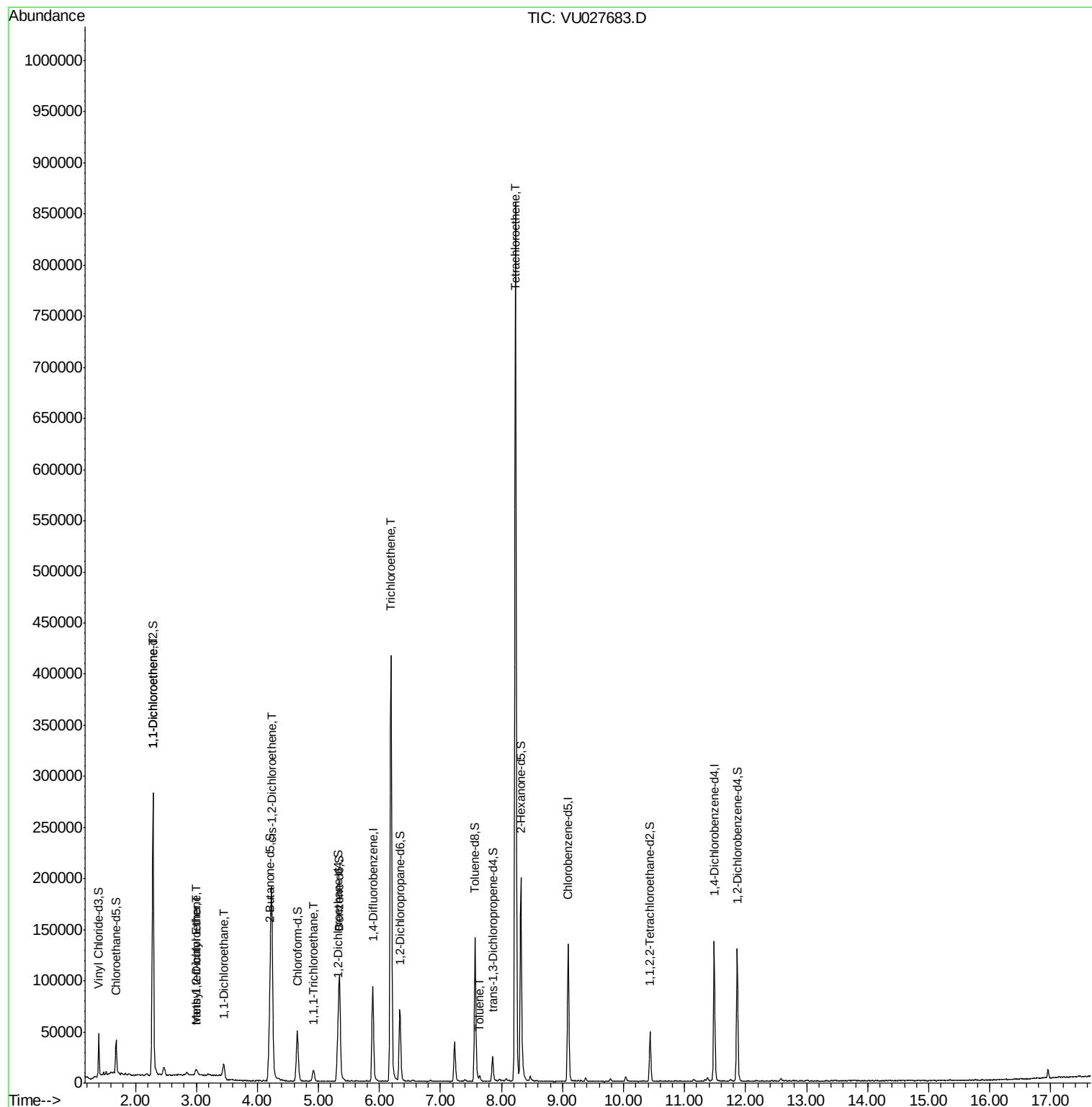
					Ovalue
12) 1,1-Dichloroethene	2.29	96	75829	14.043 ug/L #	79
17) Methyl tert-butyl Ether	3.01	73	5363	0.359 ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	1360	0.237 ug/L	92
19) 1,1-Dichloroethane	3.45	63	16629	1.456 ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	85324	13.430 ug/L #	94
29) 1,1,1-Trichloroethane	4.92	97	9048	0.992 ug/L	98
34) Trichloroethene	6.19	95	150138	23.825 ug/L	97
42) Toluene	7.64	91	3801	0.145 ug/L	95
47) Tetrachloroethene	8.23	164	199329	39.619 ug/L	99

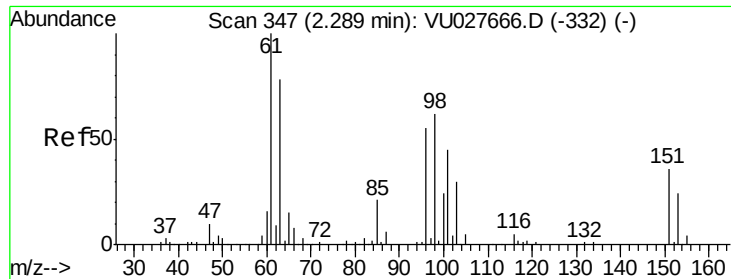
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101718\
Data File : VU027683.D
Acq On : 17 Oct 2018 17:20
Operator : MD/SY
Sample : J5463-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JC4

Quant Time: Oct 19 10:47:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

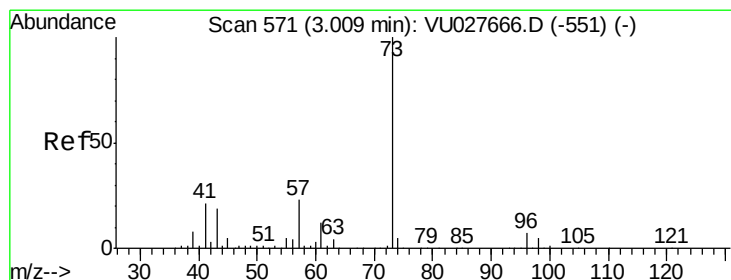
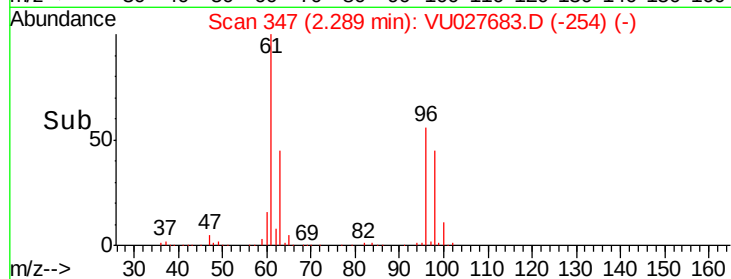
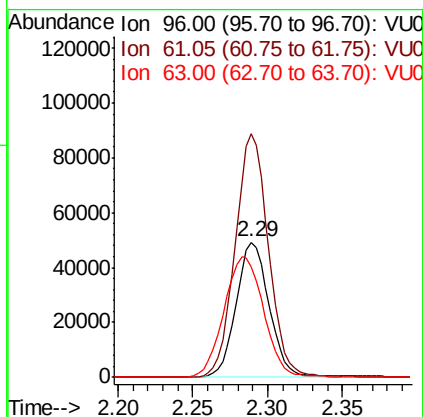
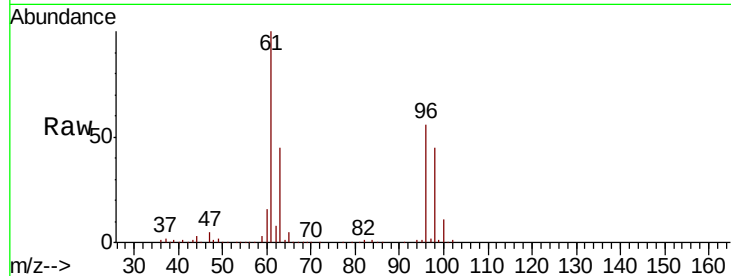




#12
 1,1-Dichloroethene
 Concen: 14.043 ug/L
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU027683.D
 Acq: 17 Oct 2018 17:20

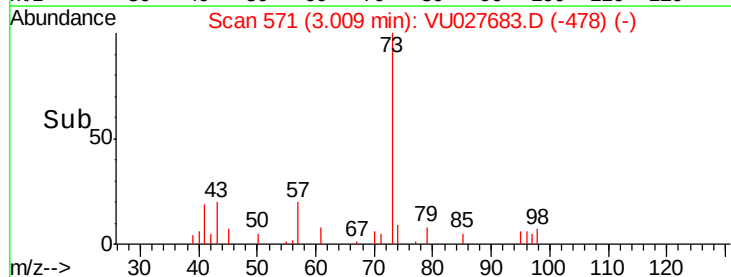
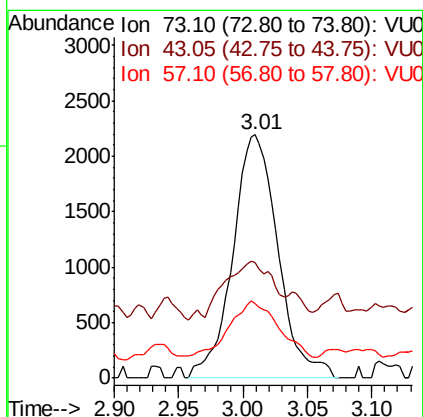
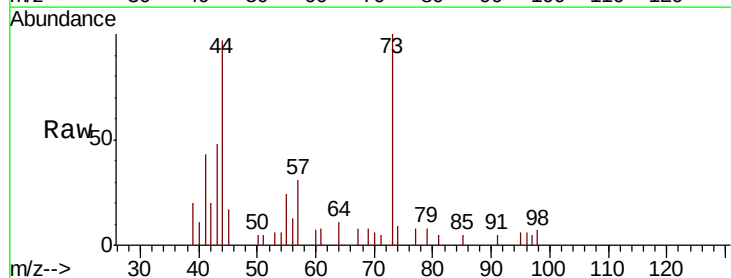
Instrument :
 MSVOA_U
 ClientSampled :
 C0JC4

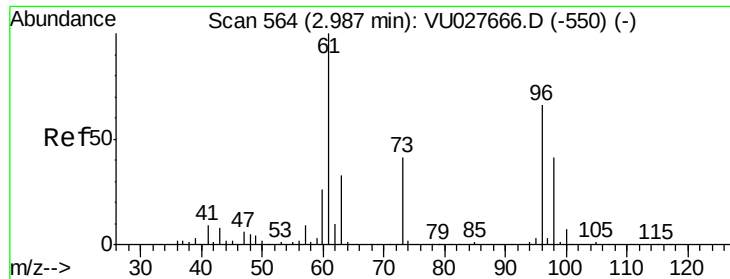
Tot Ion: 96 Resp: 75829
 Ion Ratio Lower Upper
 96 100
 61 180.0 125.6 233.2
 63 81.8 97.6 181.2#



#17
 Methyl tert-butyl Ether
 Concen: 0.359 ug/L
 RT: 3.01 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VU027683.D
 Acq: 17 Oct 2018 17:20

Tgt Ion: 73 Resp: 5363
 Ion Ratio Lower Upper
 73 100
 43 23.3 15.8 23.8
 57 24.7 18.7 28.1

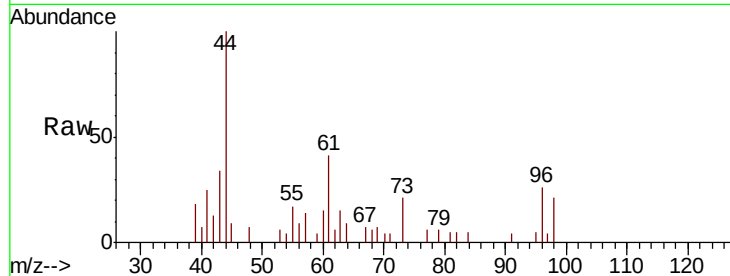




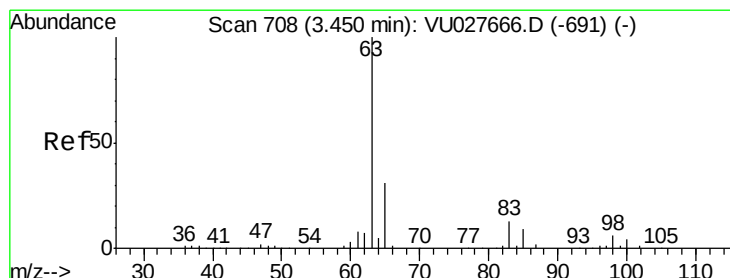
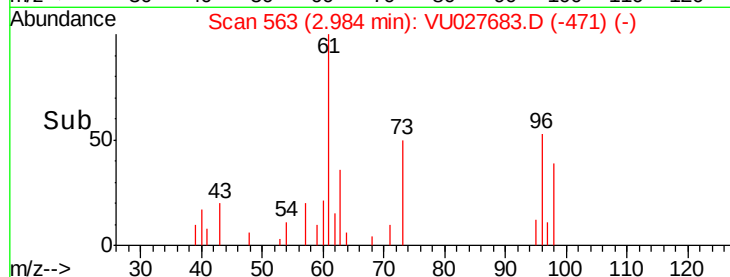
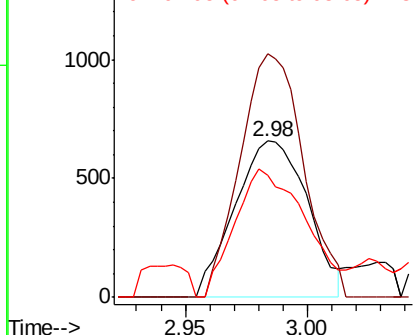
#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027683.D
Acq: 17 Oct 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
C0JC4

Tot Ion: 96 Resp: 1360
Ion Ratio Lower Upper
96 100
61 155.6 105.8 196.4
98 78.1 43.6 81.0

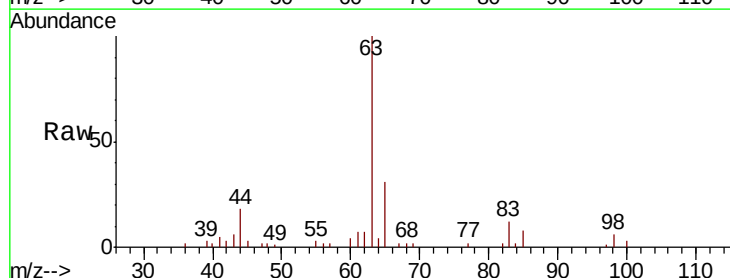


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

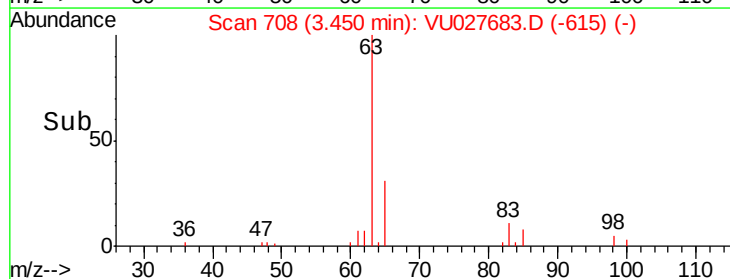
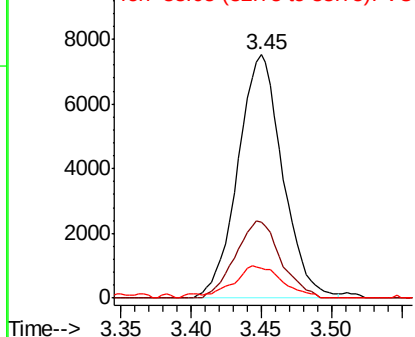


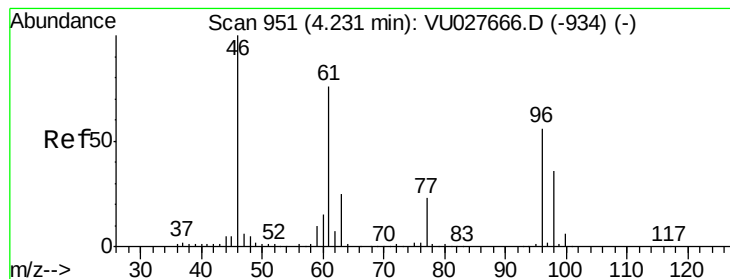
#19
1,1-Dichloroethane
Concen: 1.456 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027683.D
Acq: 17 Oct 2018 17:20

Tgt Ion: 63 Resp: 16629
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 12.2 9.7 17.9



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



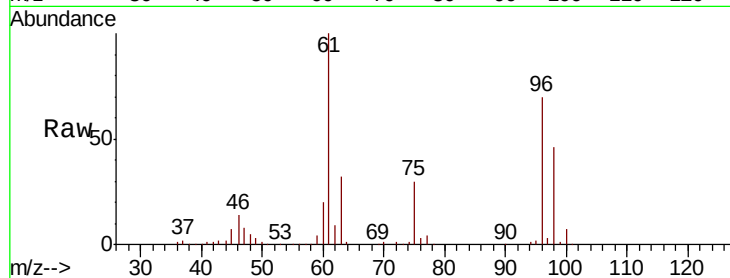


#22

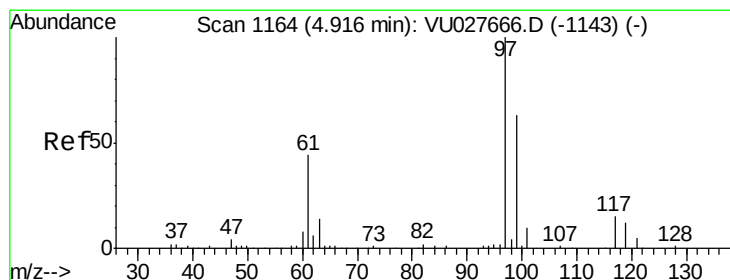
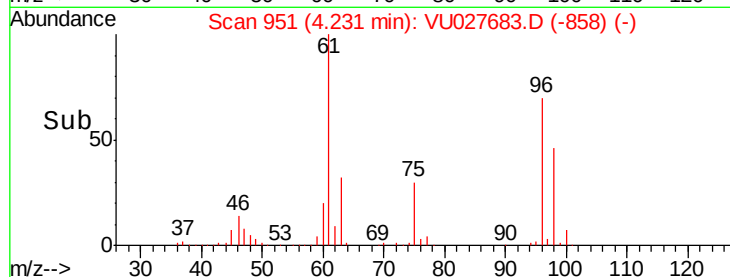
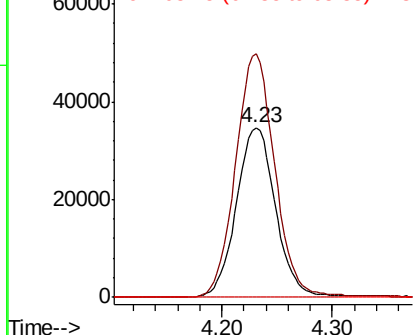
cis-1,2-Dichloroethene
 Concen: 13.430 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027683.D
 Acq: 17 Oct 2018 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC4

Tot Ion: 96 Resp: 85324
 Ion Ratio Lower Upper
 96 100
 61 143.4 95.3 176.9
 68 0.0 1.1 2.1#



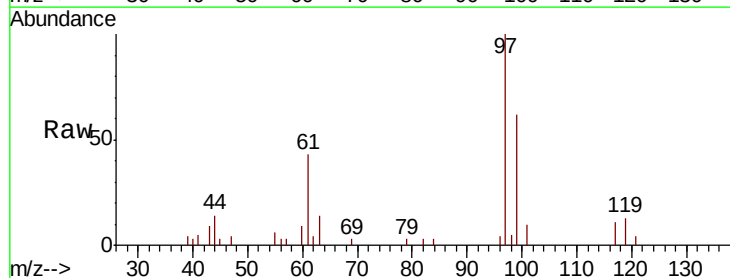
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



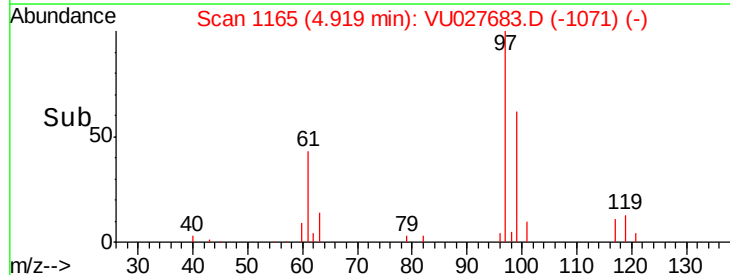
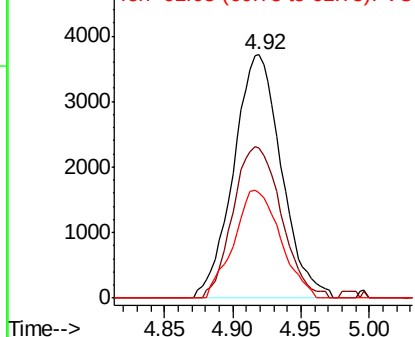
#29

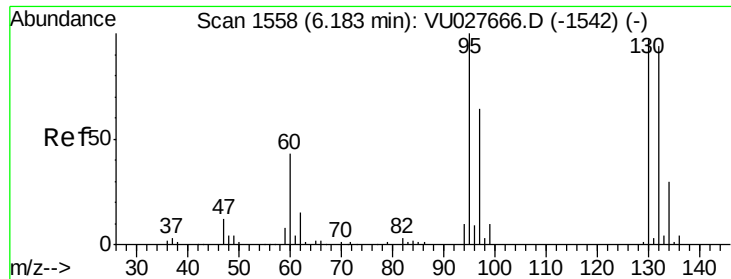
1,1,1-Trichloroethane
 Concen: 0.992 ug/L
 RT: 4.92 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VU027683.D
 Acq: 17 Oct 2018 17:20

Tgt Ion: 97 Resp: 9048
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.4 77.2
 61 43.1 35.7 53.5



Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 23.825 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027683.D

Acq: 17 Oct 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

C0JC4

Tot Ion: 95 Resp: 150138

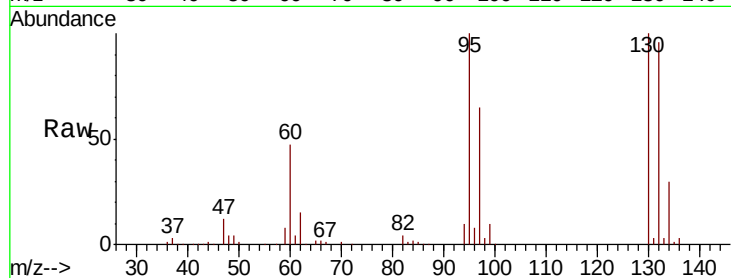
Ion Ratio Lower Upper

95 100

97 65.4 44.7 83.1

132 96.4 65.9 122.5

130 100.2 67.9 126.1

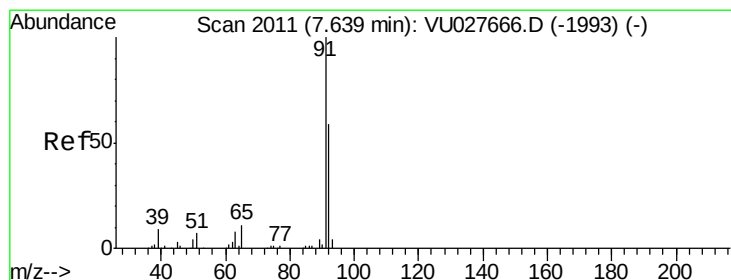
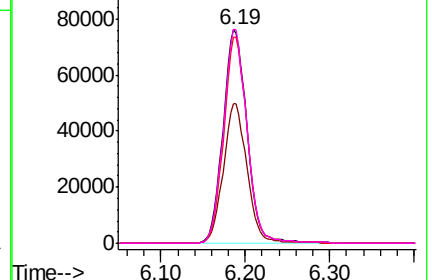
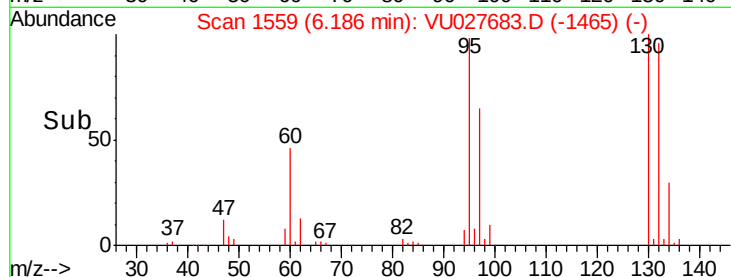


Abundance Ion 95.00 (94.70 to 95.70): VU027666.D (-1542) (-)

Ion 96.95 (96.65 to 97.65): VU027666.D (-1542) (-)

Ion 131.95 (131.65 to 132.65): VU027666.D (-1542) (-)

Ion 129.95 (129.65 to 130.65): VU027666.D (-1542) (-)



#42

Toluene

Concen: 0.145 ug/L

RT: 7.64 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU027683.D

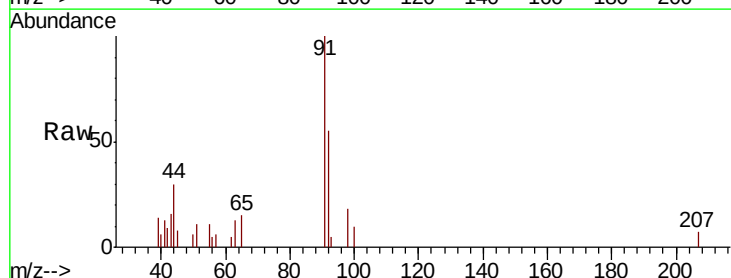
Acq: 17 Oct 2018 17:20

Tgt Ion: 91 Resp: 3801

Ion Ratio Lower Upper

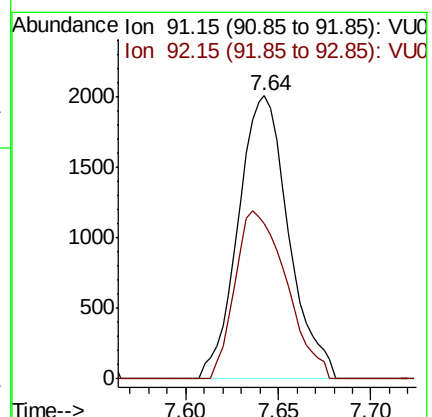
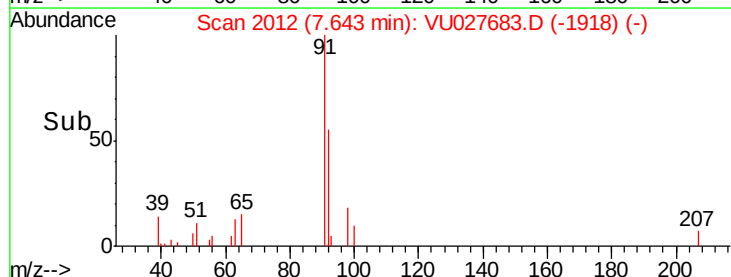
91 100

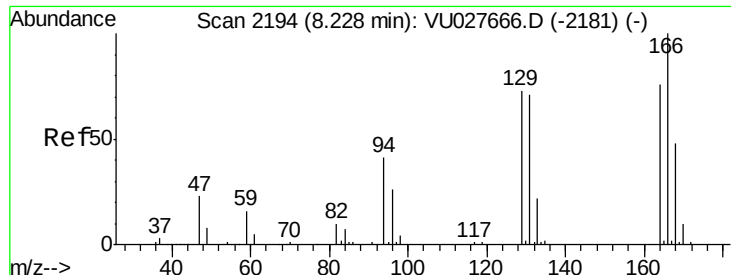
92 55.1 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU027666.D (-1993) (-)

Ion 92.15 (91.85 to 92.85): VU027666.D (-1993) (-)





#47

Tetrachloroethene

Concen: 39.619 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027683.D

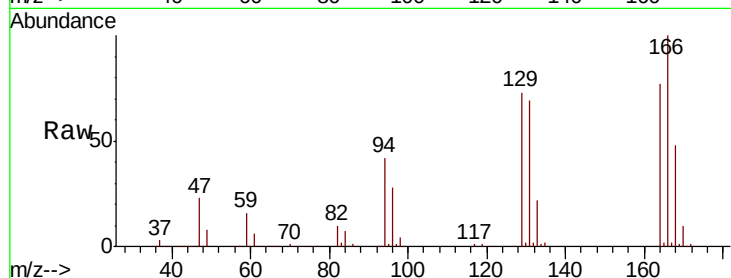
Acq: 17 Oct 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

C0JC4



Tot Ion:164 Resp: 199329

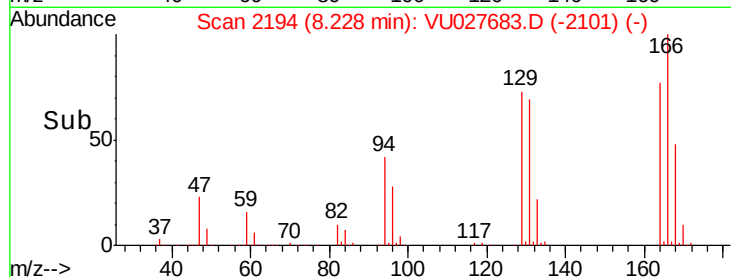
Ion Ratio Lower Upper

164 100

129 94.9 67.3 124.9

131 90.3 64.8 120.3

166 130.4 91.8 170.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

