

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\
 Data File : VU026623.D
 Acq On : 07 Sep 2018 17:14
 Operator : MD/SY
 Sample : J4750-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY9

Quant Time: Sep 08 01:52:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 01:21:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144034	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44237	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.44%
7) Chloroethane-d5	1.68	69	39849	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	64556	29.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.90%#
21) 2-Butanone-d5	4.18	46	79365	106.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.83%
24) Chloroform-d	4.65	84	86387	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.31	65	58280	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.34	84	167100	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
36) 1,2-Dichloropropane-d6	6.33	67	59743	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.78%
41) Toluene-d8	7.57	98	145402	45.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.74%
43) trans-1,3-Dichloropropene-	7.85	79	24827	47.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.34%
47) 2-Hexanone-d5	8.31	63	56416	107.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83025	49.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	57161	52.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.36%

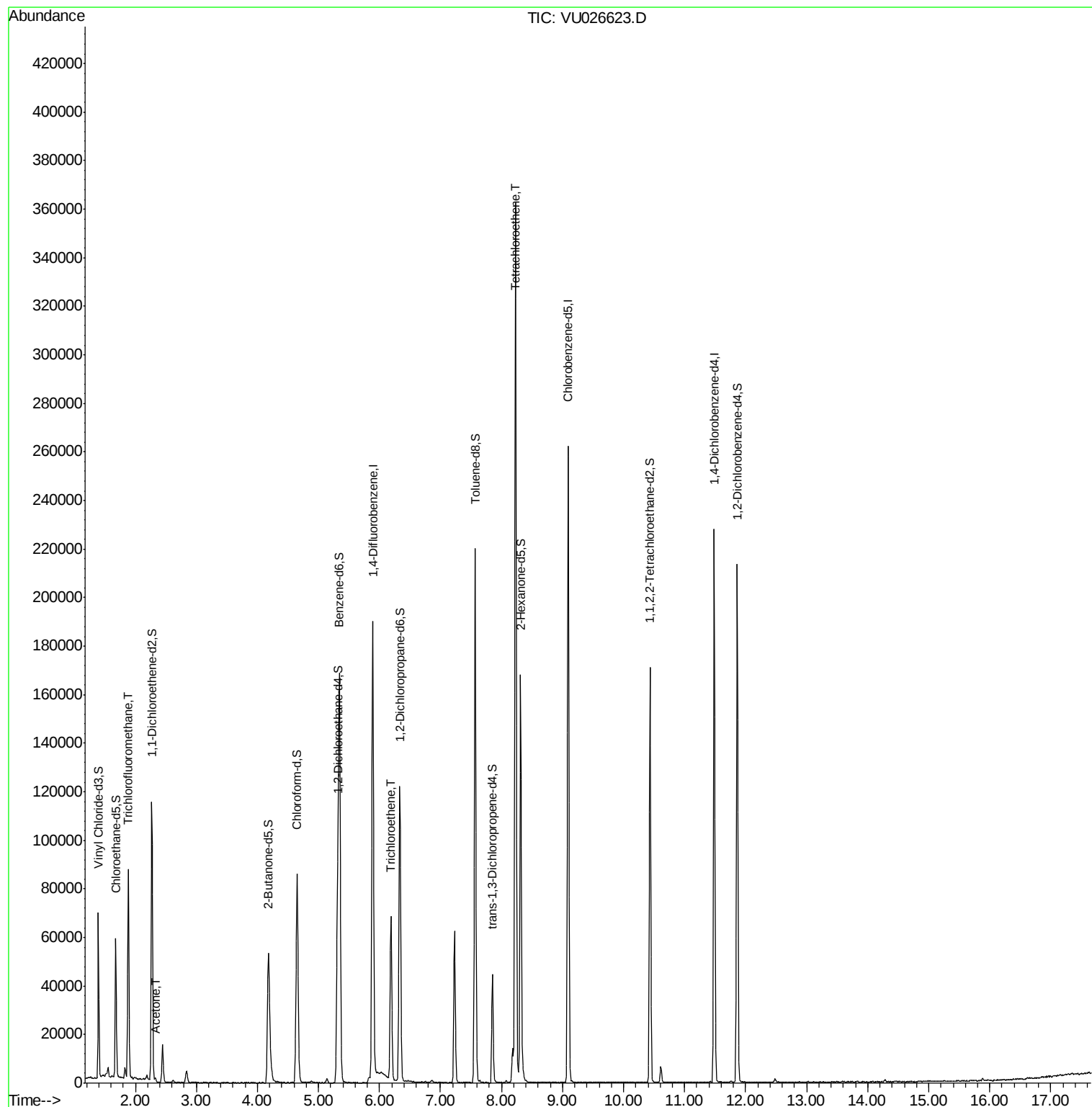
Target Compounds						Ovalue
9) Trichlorofluoromethane	1.88	101	52754	25.73	ug/L	98
13) Acetone	2.32	43	1482	2.30	ug/L	82
34) Trichloroethene	6.19	95	23487	22.68	ug/L	98
46) Tetrachloroethene	8.23	164	80169	94.67	ug/L	97

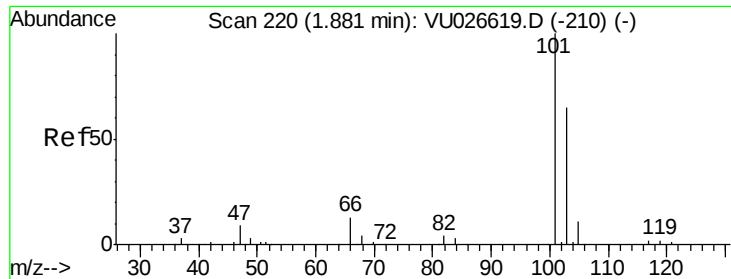
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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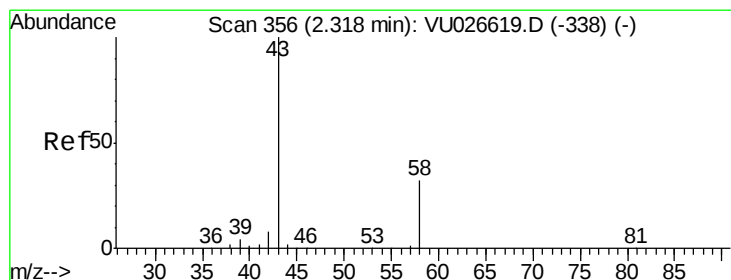
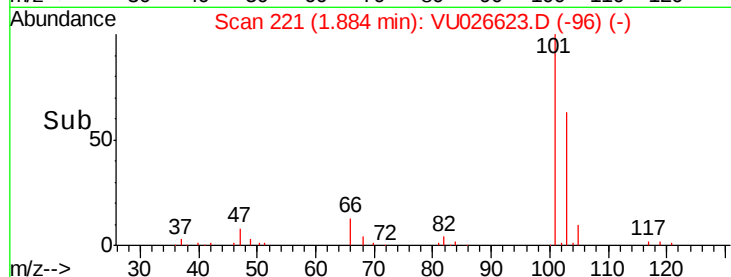
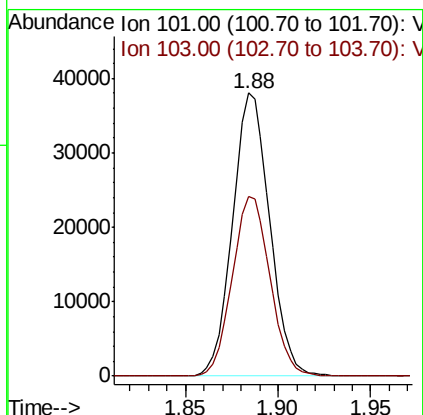
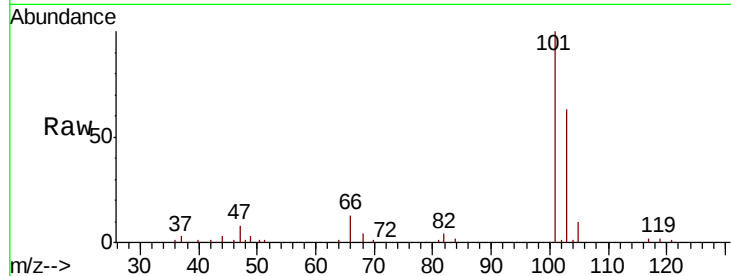


#9

Trichlorofluoromethane
 Concen: 25.73 ug/L
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026623.D
 Acq: 07 Sep 2018 17:14

Instrument :
 MSVOA_U
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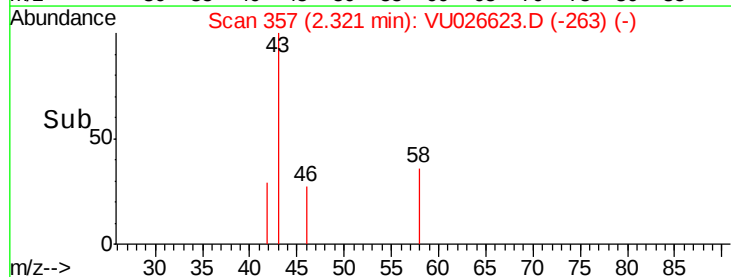
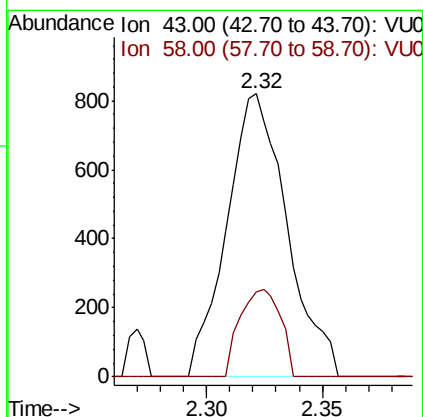
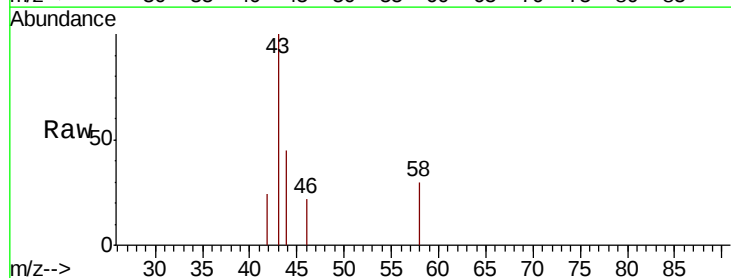
Tot Ion:101 Resp: 52754
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.7 79.1

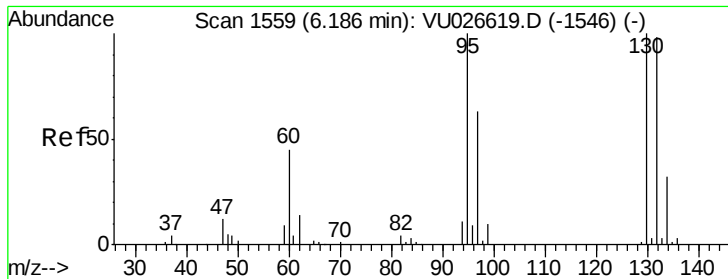


#13

Acetone
 Concen: 2.30 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026623.D
 Acq: 07 Sep 2018 17:14

Tgt Ion: 43 Resp: 1482
 Ion Ratio Lower Upper
 43 100
 58 20.6 0.0 61.2





#34

Trichloroethene

Concen: 22.68 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026623.D

Acq: 07 Sep 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

C0SY9

Tot Ion: 95 Resp: 23487

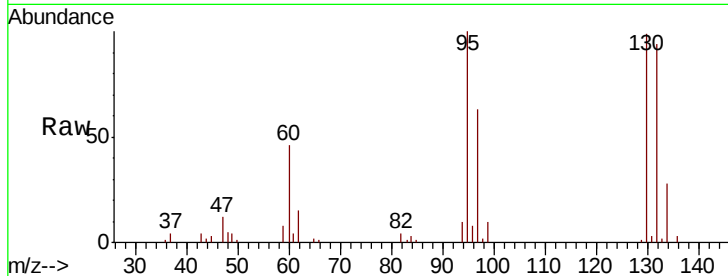
Ion Ratio Lower Upper

95 100

97 62.9 45.1 83.7

132 94.0 67.5 125.3

130 98.6 69.3 128.7



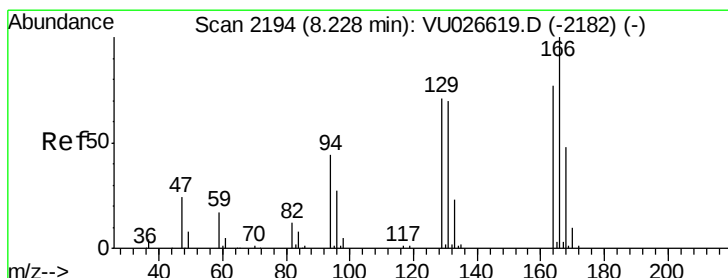
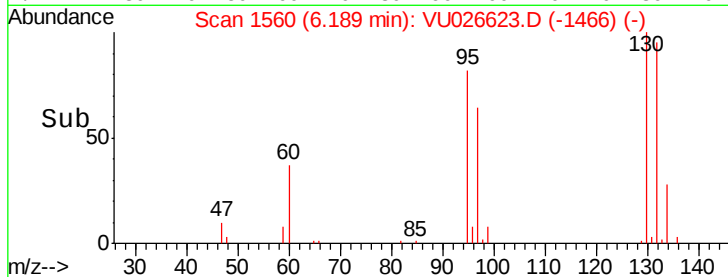
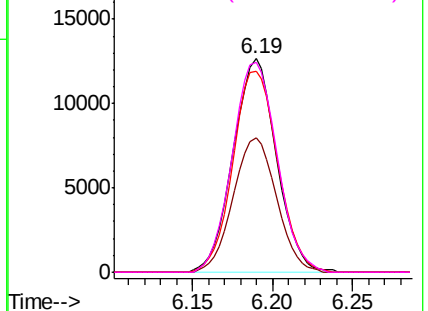
Abundance

Ion 95.00 (94.70 to 95.70): VU026619.D (-1546) (-)

Ion 97.00 (96.70 to 97.70): VU026619.D (-1546) (-)

Ion 132.00 (131.70 to 132.70): VU026619.D (-1546) (-)

Ion 130.00 (129.70 to 130.70): VU026619.D (-1546) (-)



#46

Tetrachloroethene

Concen: 94.67 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026623.D

Acq: 07 Sep 2018 17:14

Tgt Ion: 164 Resp: 80169

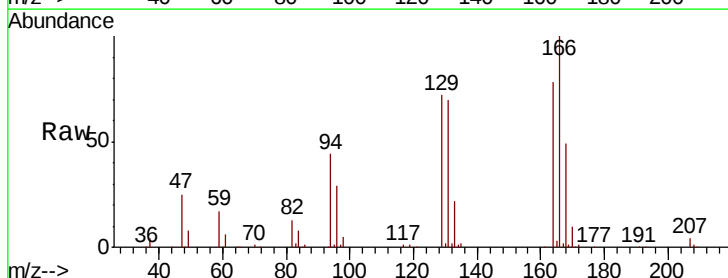
Ion Ratio Lower Upper

164 100

129 92.7 67.3 125.1

131 89.7 65.3 121.3

166 128.2 90.9 168.7



Abundance

Ion 164.00 (163.70 to 164.70): VU026619.D (-2182) (-)

Ion 129.00 (128.70 to 129.70): VU026619.D (-2182) (-)

Ion 131.00 (130.70 to 131.70): VU026619.D (-2182) (-)

Ion 166.00 (165.70 to 166.70): VU026619.D (-2182) (-)

