

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072618\
 Data File : VU025652.D
 Acq On : 26 Jul 2018 15:47
 Operator : MD/SY
 Sample : J4148-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C05X3

Quant Time: Jul 27 02:41:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303523	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74987	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.54%
7) Chloroethane-d5	1.68	69	64108	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.27	63	116037	32.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.34%
21) 2-Butanone-d5	4.18	46	142406	106.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.45%
24) Chloroform-d	4.65	84	171456	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	5.31	65	120074	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.35	84	332986	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.34	67	110720	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.12%
41) Toluene-d8	7.57	98	311378	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	52411	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.30%
47) 2-Hexanone-d5	8.31	63	100121	100.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152377	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	134228	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

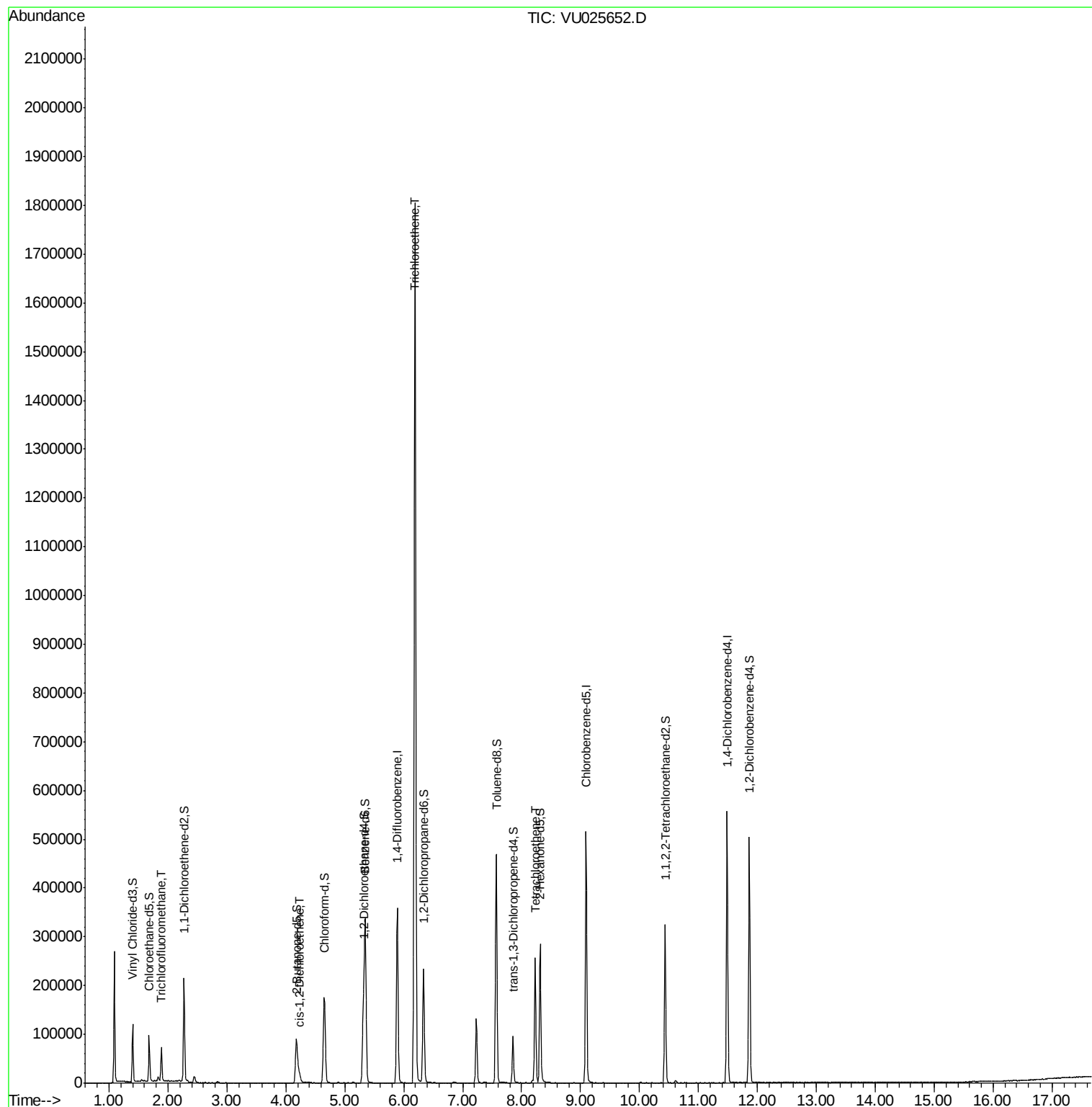
					Ovalue
9) Trichlorofluoromethane	1.89	101	40462	11.995	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	8129	3.652	ug/L 97
34) Trichloroethene	6.19	95	608107	277.203	ug/L 98
46) Tetrachloroethene	8.23	164	56603	29.763	ug/L 99

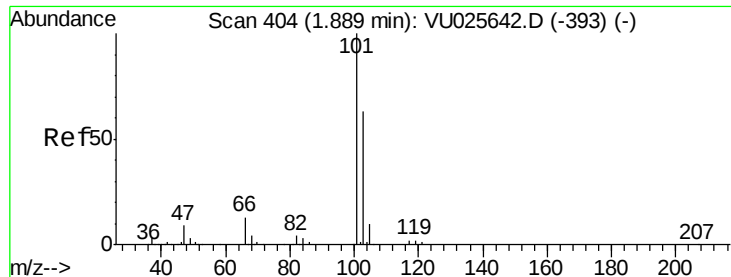
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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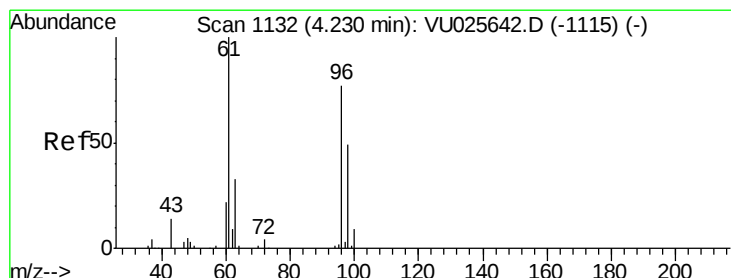
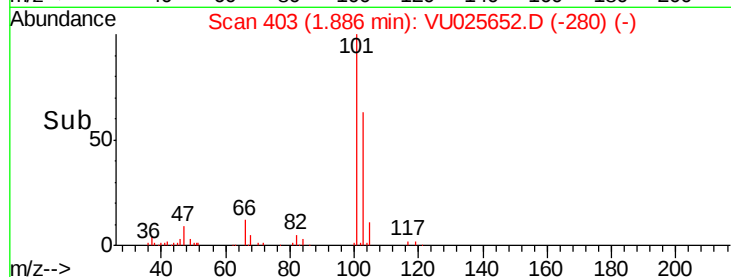
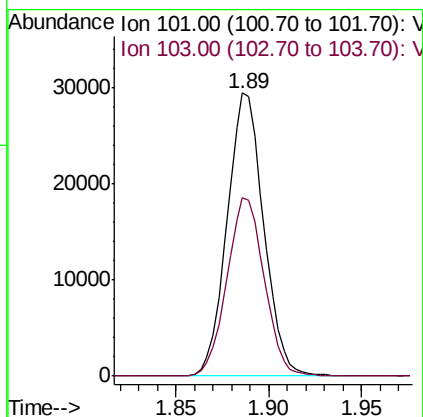
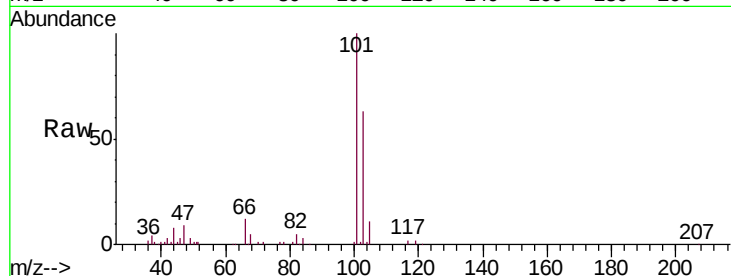


#9

Trichlorofluoromethane
Concen: 11.995 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU025652.D
Acq: 26 Jul 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :
C0SX3

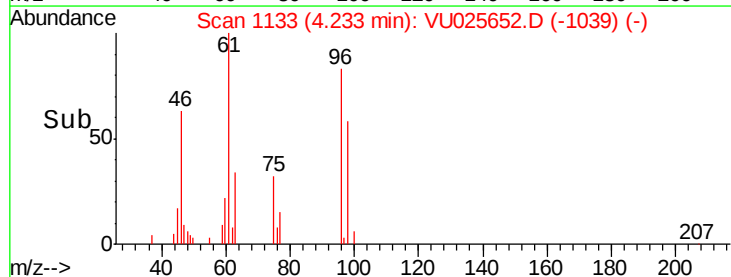
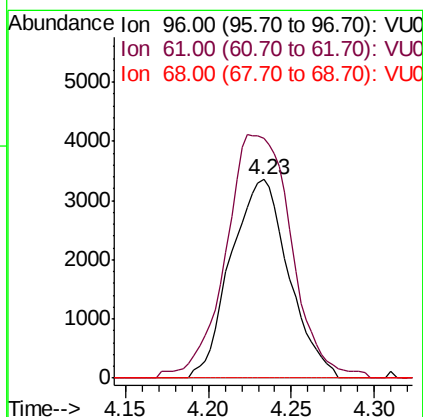
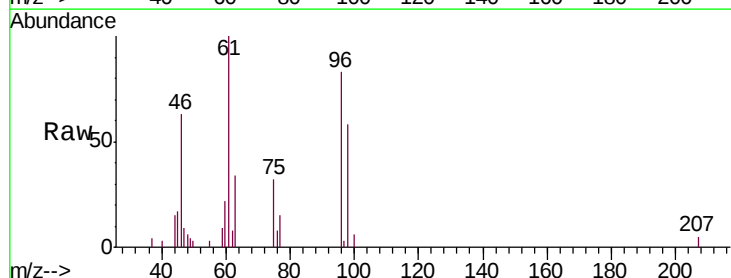
Tot Ion:101 Resp: 40462
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

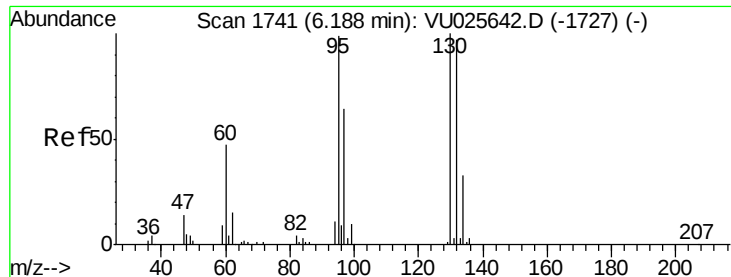


#20

cis-1,2-Dichloroethene
Concen: 3.652 ug/L
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025652.D
Acq: 26 Jul 2018 15:47

Tgt Ion: 96 Resp: 8129
Ion Ratio Lower Upper
96 100
61 120.8 87.4 162.2
68 0.0 0.0 0.0

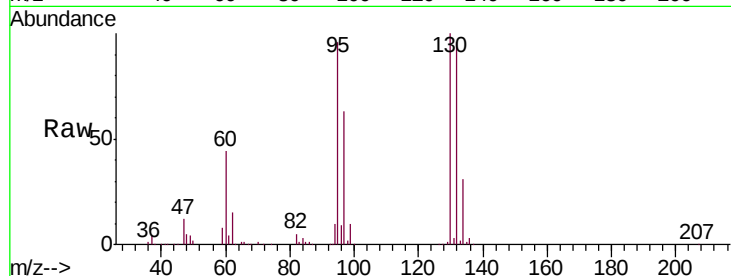




#34
 Trichloroethene
 Concen: 277.203 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025652.D
 Acq: 26 Jul 2018 15:47

Instrument :
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 C0SX3

Tot Ion:	95	Resp:	608107
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.9	85.3
132	100.1	72.2	134.2
130	104.1	74.9	139.1



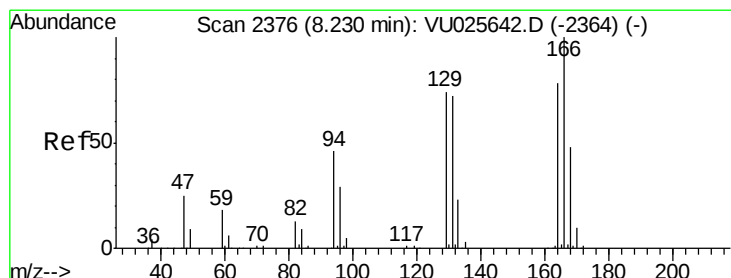
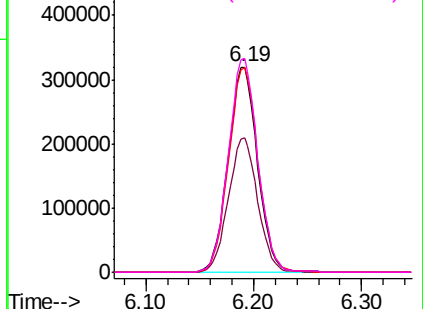
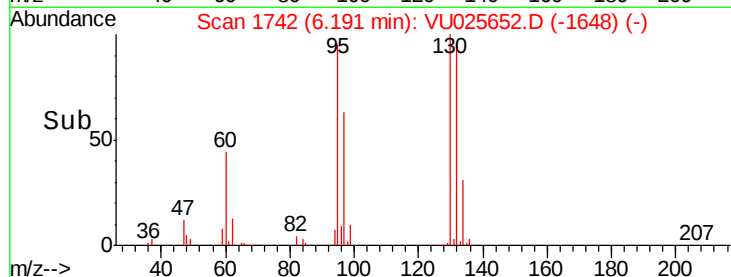
Abundance

Ion 95.00 (94.70 to 95.70): VU025642.D (-1727) (-)

Ion 97.00 (96.70 to 97.70): VU025642.D (-1727) (-)

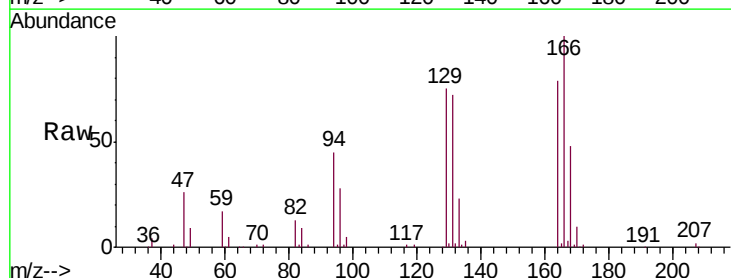
Ion 132.00 (131.70 to 132.70): VU025642.D (-1727) (-)

Ion 130.00 (129.70 to 130.70): VU025642.D (-1727) (-)



#46
 Tetrachloroethene
 Concen: 29.763 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU025652.D
 Acq: 26 Jul 2018 15:47

Tgt Ion:	164	Resp:	56603
Ion	Ratio	Lower	Upper
164	100		
129	94.7	65.1	120.9
131	90.6	62.8	116.6
166	126.6	89.7	166.7



Abundance

Ion 164.00 (163.70 to 164.70): VU025642.D (-2364) (-)

Ion 129.00 (128.70 to 129.70): VU025642.D (-2364) (-)

Ion 131.00 (130.70 to 131.70): VU025642.D (-2364) (-)

Ion 166.00 (165.70 to 166.70): VU025642.D (-2364) (-)

