

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026578.D
 Acq On : 06 Sep 2018 14:24
 Operator : MD/SY
 Sample : J4718-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD6

Quant Time: Sep 07 05:09:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170633	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64544	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64649	61.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.30%
7) Chloroethane-d5	1.68	69	57108	59.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.62%
11) 1,1-Dichloroethene-d2	2.27	63	92807	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.96%
21) 2-Butanone-d5	4.18	46	99130	120.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.81%
24) Chloroform-d	4.65	84	107059	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	5.31	65	72784	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
32) Benzene-d6	5.34	84	219011	60.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.88%
36) 1,2-Dichloropropane-d6	6.33	67	74459	60.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.62%#
41) Toluene-d8	7.57	98	193347	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%
43) trans-1,3-Dichloropropene-	7.85	79	31556	55.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.94%
47) 2-Hexanone-d5	8.31	63	70168	123.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99921	54.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	71559	61.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.22%#

Target Compounds

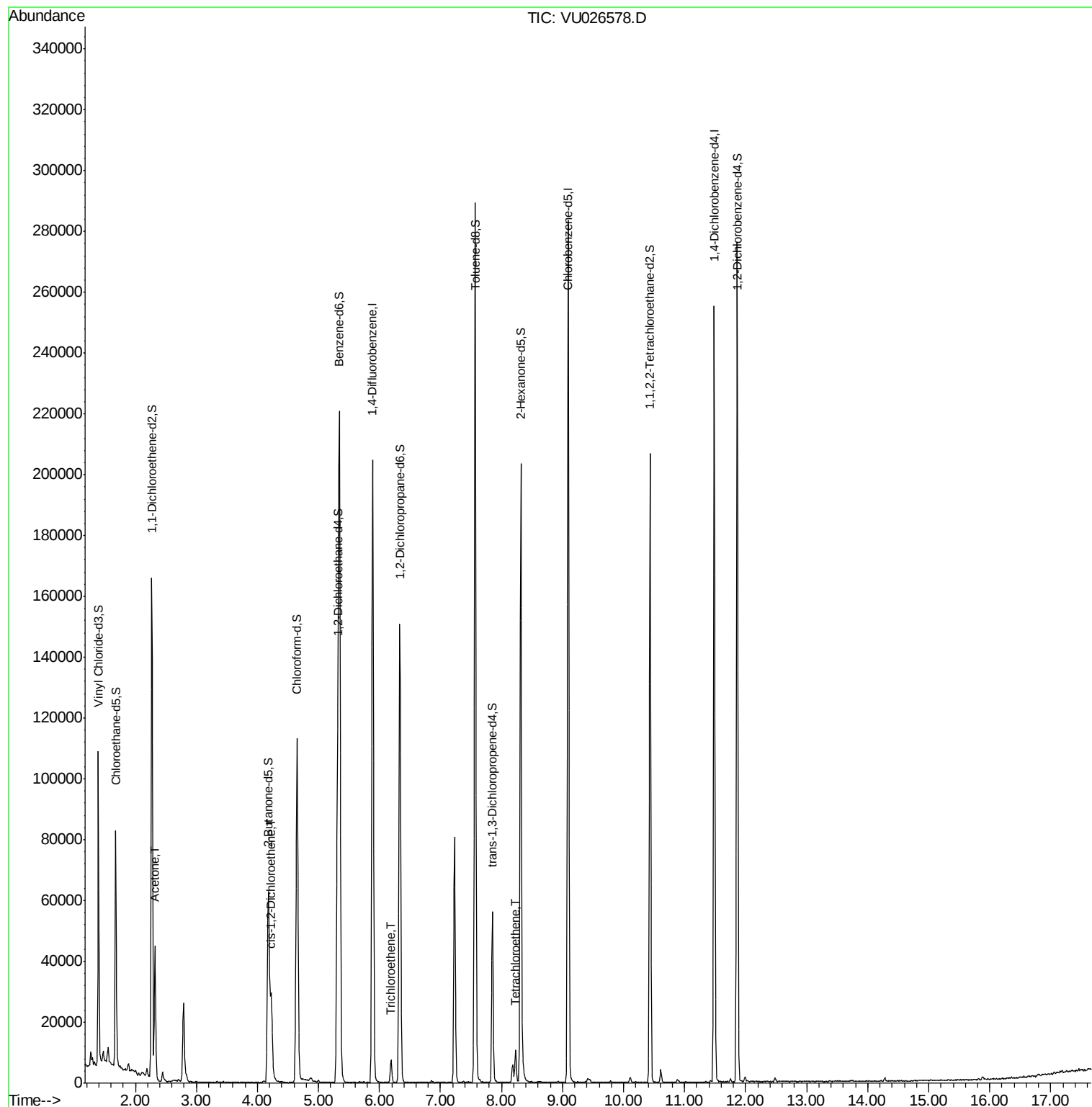
					Ovalue
13) Acetone	2.32	43	43582	61.34	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	13946	11.30	ug/L 98
34) Trichloroethene	6.19	95	2584	2.30	ug/L 97
46) Tetrachloroethene	8.23	164	2251	2.46	ug/L 87

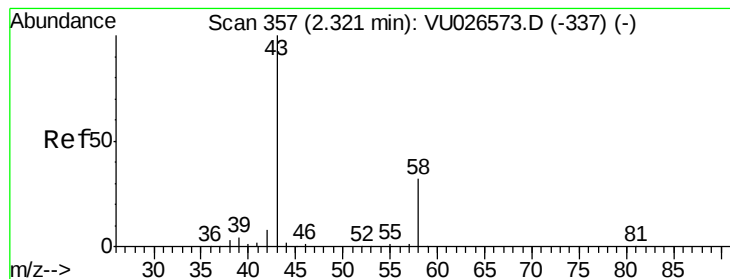
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 61.34 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

Instrument :

MSVOA_U

ClientSampled :

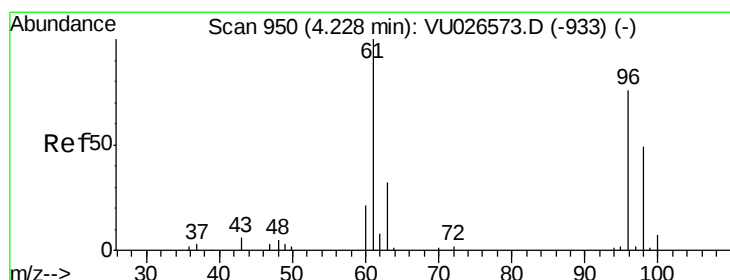
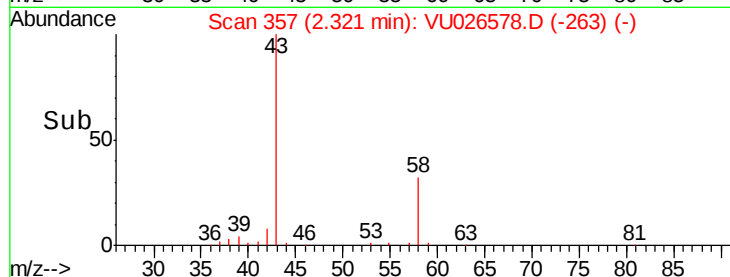
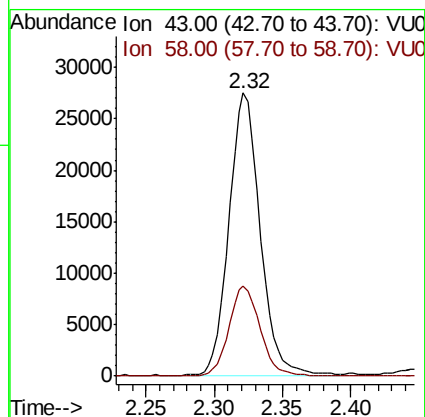
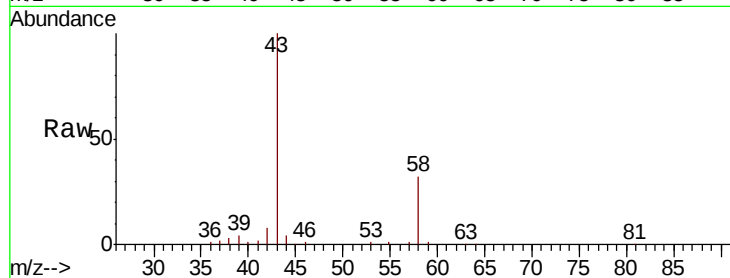
BEGD6

Tot Ion: 43 Resp: 43582

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.2



#20

cis-1,2-Dichloroethene

Concen: 11.30 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

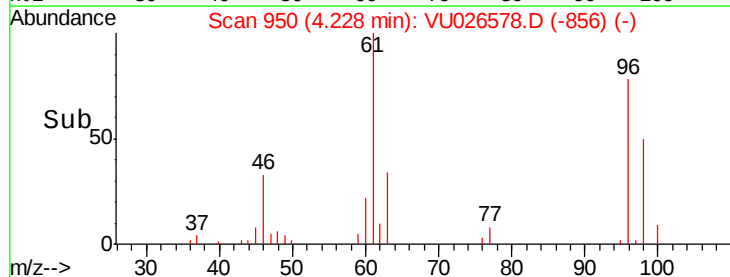
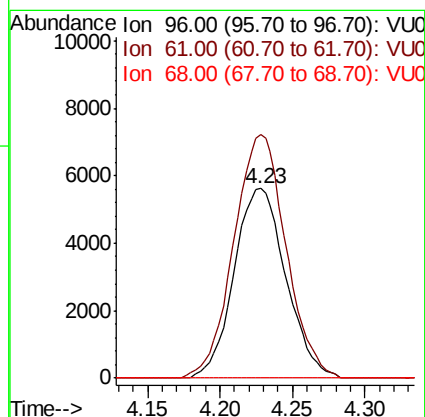
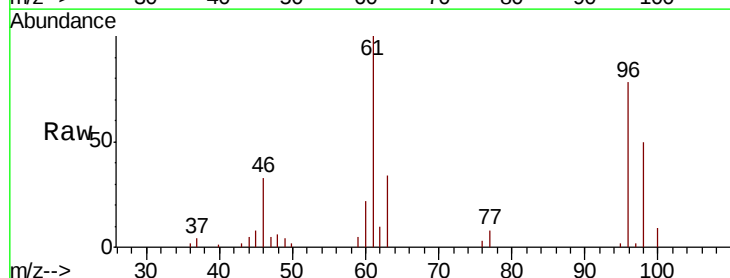
Tgt Ion: 96 Resp: 13946

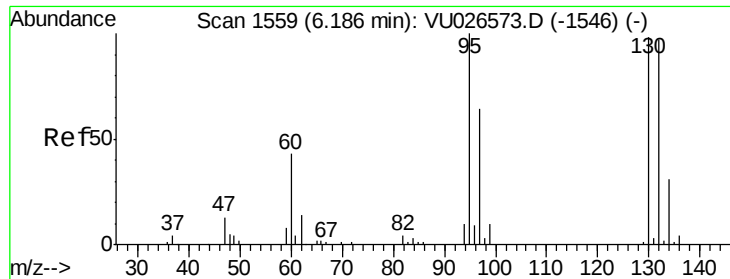
Ion Ratio Lower Upper

96 100

61 128.5 91.6 170.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.30 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

Instrument :

MSVOA_U

ClientSampleId :

BEGD6

Tot Ion: 95 Resp: 2584

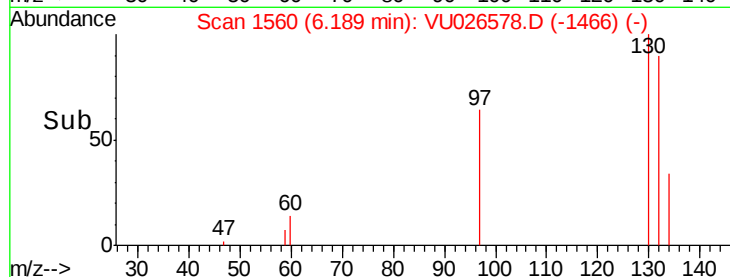
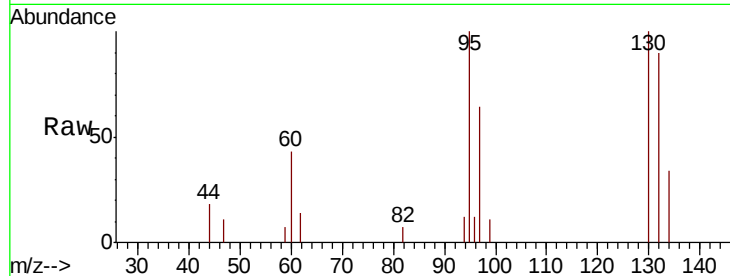
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 90.0 67.5 125.3

130 99.6 69.3 128.7

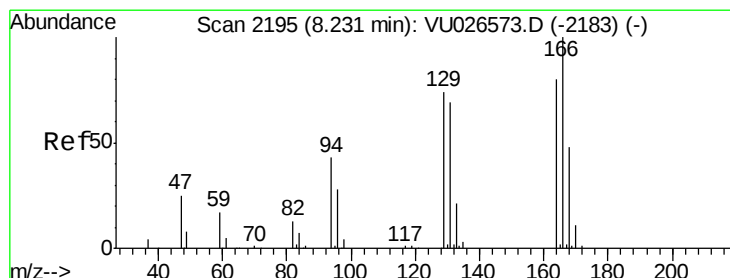
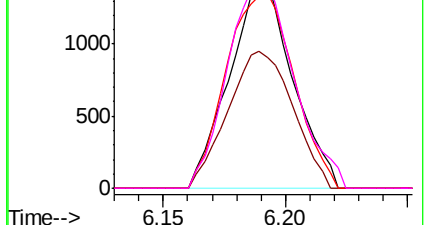


Abundance Ion 95.00 (94.70 to 95.70): VU026578.D (-1466) (-)

Ion 97.00 (96.70 to 97.70): VU026578.D (-1466) (-)

Ion 132.00 (131.70 to 132.70): VU026578.D (-1466) (-)

Ion 130.00 (129.70 to 130.70): VU026578.D (-1466) (-)



#46

Tetrachloroethene

Concen: 2.46 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

Tgt Ion: 164 Resp: 2251

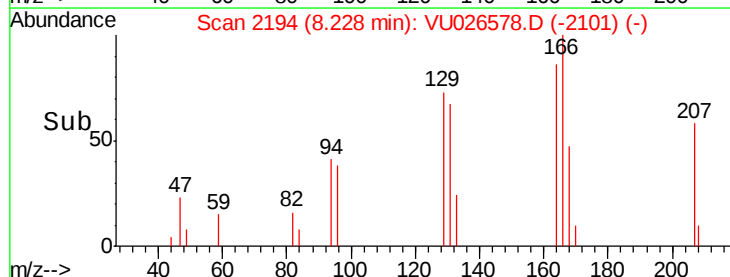
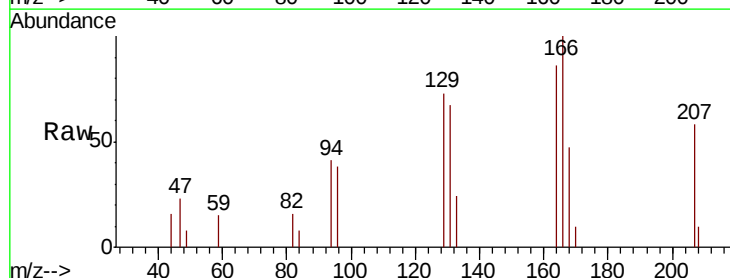
Ion Ratio Lower Upper

164 100

129 85.1 67.3 125.1

131 78.1 65.3 121.3

166 116.5 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026578.D (-2101) (-)

Ion 129.00 (128.70 to 129.70): VU026578.D (-2101) (-)

Ion 131.00 (130.70 to 131.70): VU026578.D (-2101) (-)

Ion 166.00 (165.70 to 166.70): VU026578.D (-2101) (-)

