

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026592.D
 Acq On : 06 Sep 2018 21:12
 Operator : MD/SY
 Sample : J4749-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB1

Quant Time: Sep 07 05:30:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	147523	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53208	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55090	60.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.54%
7) Chloroethane-d5	1.68	69	48741	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.08%
11) 1,1-Dichloroethene-d2	2.27	63	76390	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.18	46	89170	125.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.70%
24) Chloroform-d	4.65	84	95214	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
26) 1,2-Dichloroethane-d4	5.31	65	63891	55.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.18%
32) Benzene-d6	5.34	84	188125	60.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.62%
36) 1,2-Dichloropropane-d6	6.33	67	65308	61.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.90%#
41) Toluene-d8	7.57	98	162535	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%
43) trans-1,3-Dichloropropene-	7.85	79	26729	55.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.16%
47) 2-Hexanone-d5	8.31	63	61893	126.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86861	55.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	56157	58.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.34%

Target Compounds

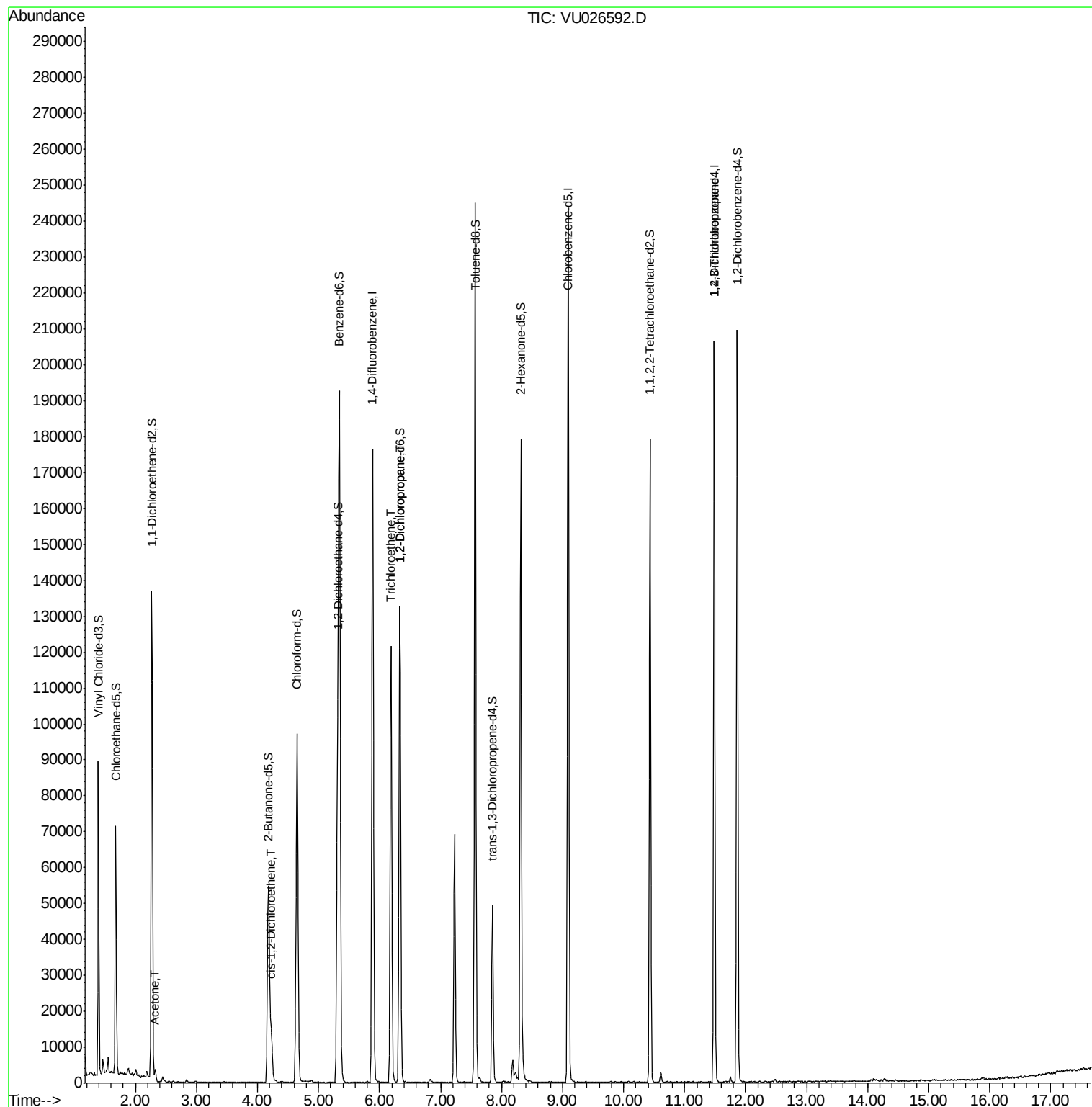
					Qvalue
13) Acetone	2.32	43	2595	4.224 ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	6142	5.756 ug/L	94
34) Trichloroethene	6.19	95	42312	43.839 ug/L	97
37) 1,2-Dichloropropane	6.33	63	6624	6.218 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	6176	4.646 ug/L	89

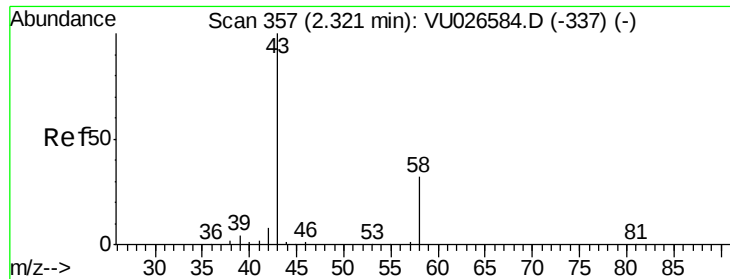
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.224 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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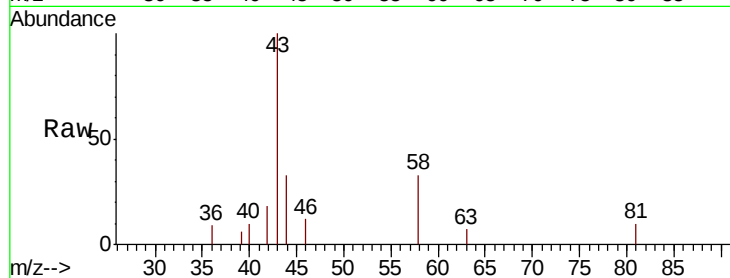
E5FB1

Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

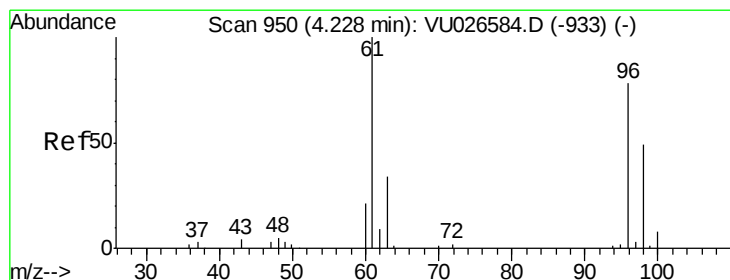
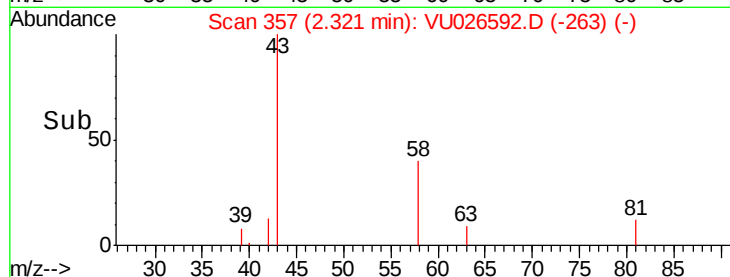
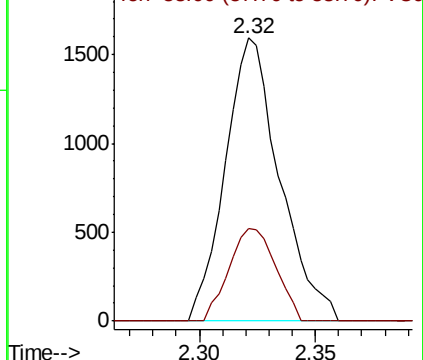
43 100

58 28.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 5.756 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU026592.D

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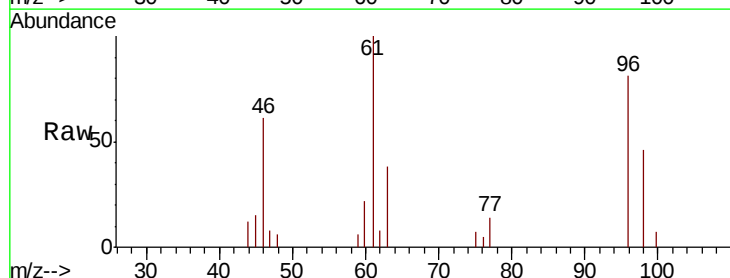
Tgt Ion: 96 Resp: 6142

Ion Ratio Lower Upper

96 100

61 123.3 91.6 170.2

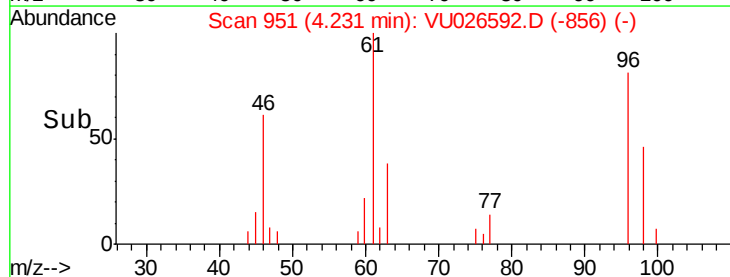
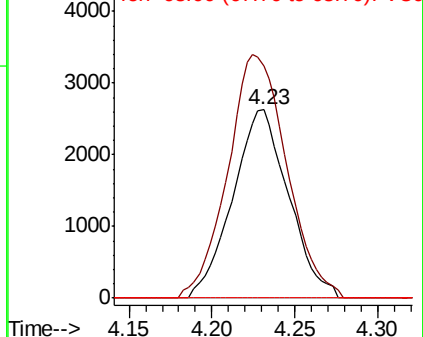
68 0.0 0.0 0.0

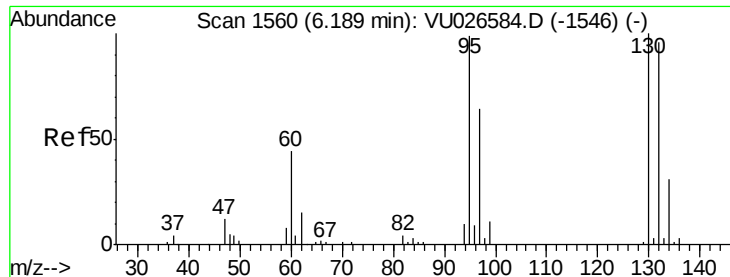


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 43.839 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

E5FB1

Tgt Ion: 95 Resp: 42312

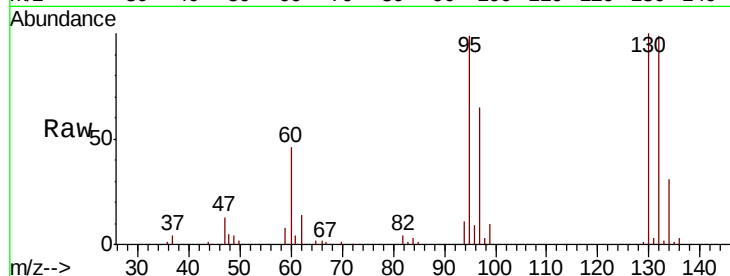
Ion Ratio Lower Upper

95 100

97 65.9 45.1 83.7

132 99.7 67.5 125.3

130 101.0 69.3 128.7

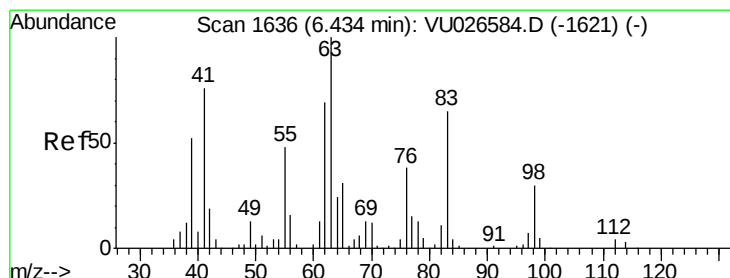
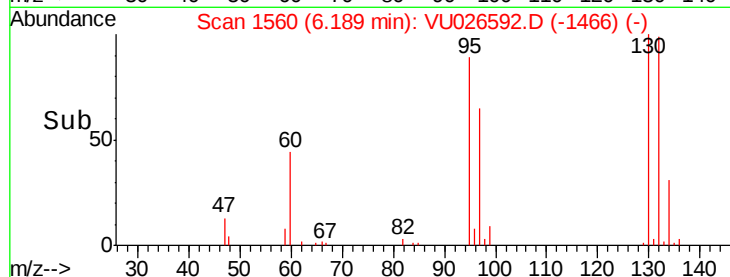
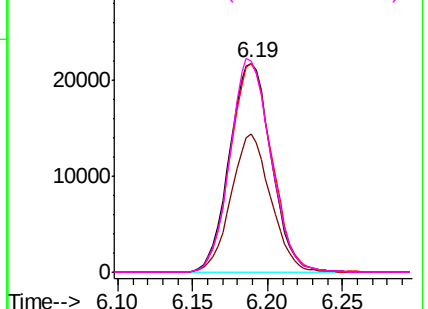


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.218 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026592.D

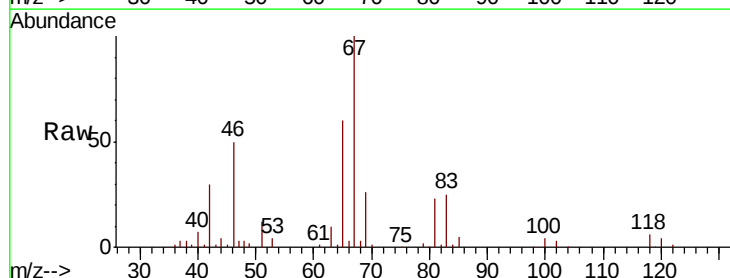
Acq: 06 Sep 2018 21:12

Tgt Ion: 63 Resp: 6624

Ion Ratio Lower Upper

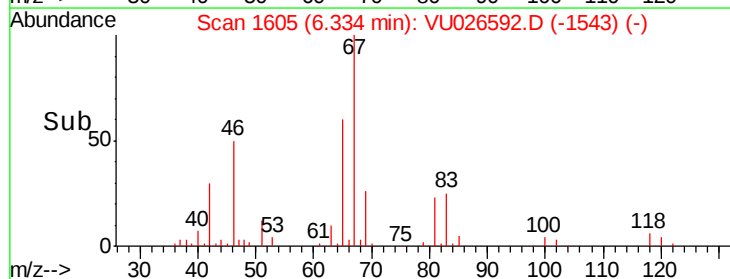
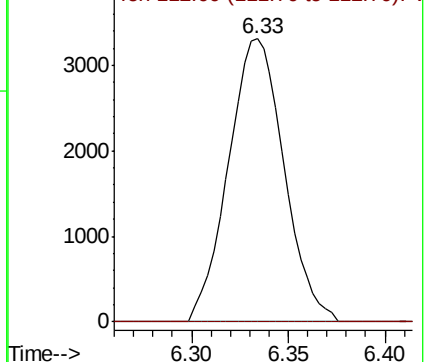
63 100

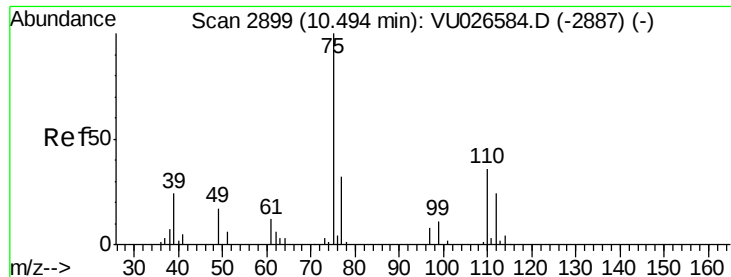
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.646 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026592.D

Acq: 06 Sep 2018 21:12

Instrument :

MSVOA_U

ClientSampleId :

E5FB1

Tgt Ion: 75 Resp: 6176

Ion Ratio Lower Upper

75 100

77 37.3 25.0 37.6

