

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026594.D
 Acq On : 06 Sep 2018 21:58
 Operator : MD/SY
 Sample : J4749-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB3

Quant Time: Sep 07 07:04:20 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	138210	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47126	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54440	63.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.14%
7) Chloroethane-d5	1.68	69	48539	62.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.52%
11) 1,1-Dichloroethene-d2	2.27	63	71407	37.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.06%
21) 2-Butanone-d5	4.18	46	89783	135.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.09%#
24) Chloroform-d	4.65	84	91491	56.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.14%
26) 1,2-Dichloroethane-d4	5.31	65	62633	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.34%
32) Benzene-d6	5.34	84	179089	64.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.00%#
36) 1,2-Dichloropropane-d6	6.33	67	61400	64.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.76%#
41) Toluene-d8	7.57	98	146315	54.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.18%
43) trans-1,3-Dichloropropene-	7.85	79	24816	56.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.96%
47) 2-Hexanone-d5	8.31	63	58412	133.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.53%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80050	56.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	50228	58.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.50%

Target Compounds

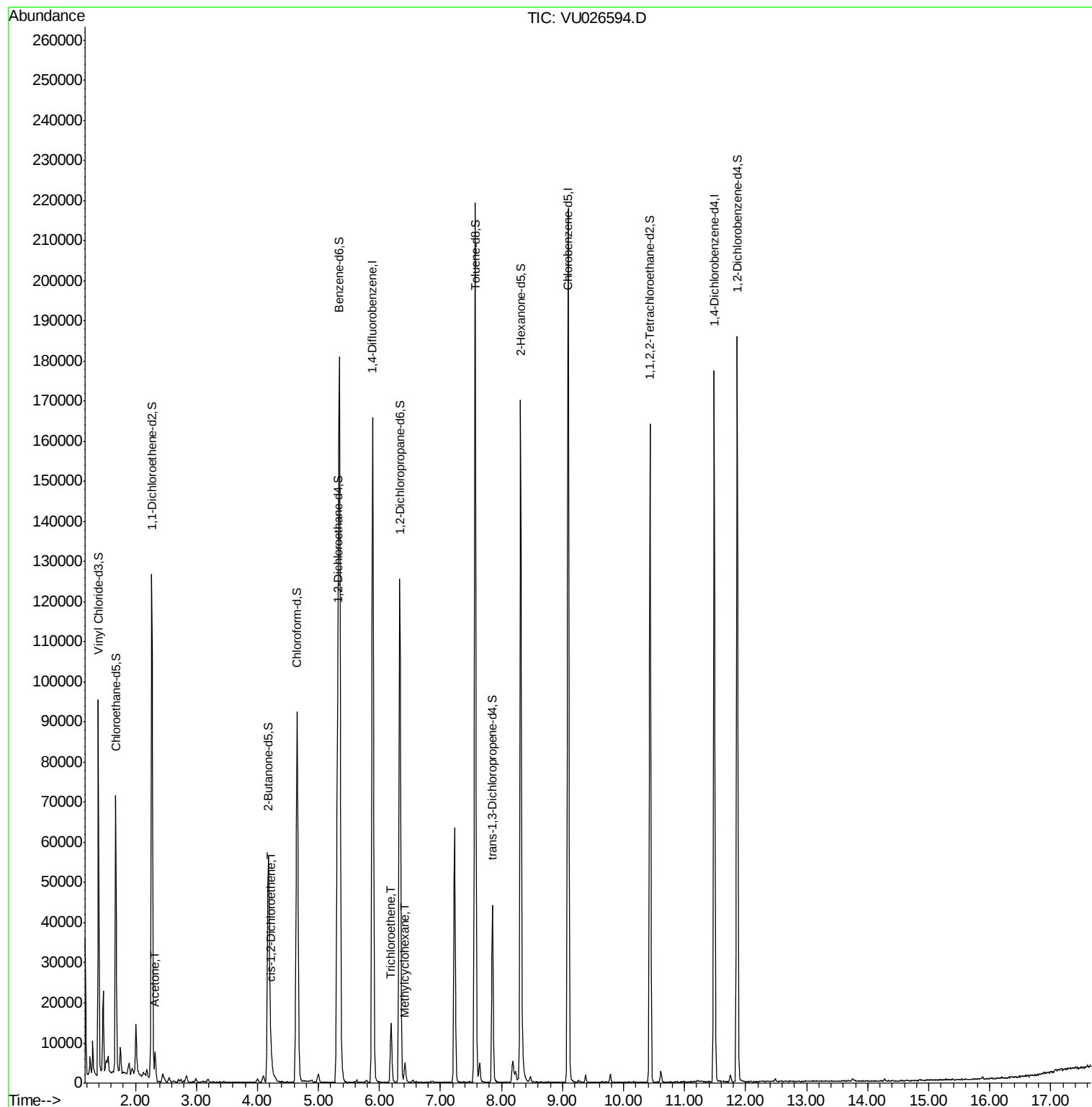
						Ovalue
13) Acetone	2.32	43	7280	12.65	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	1941	1.94	ug/L	97
34) Trichloroethene	6.19	95	4714	5.44	ug/L	96
35) Methylcyclohexane	6.42	83	1946	1.44	ug/L	90

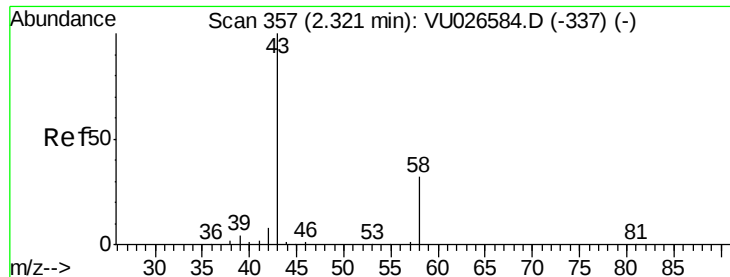
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.65 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Instrument :

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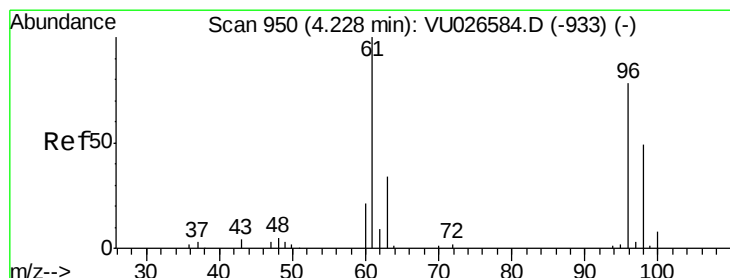
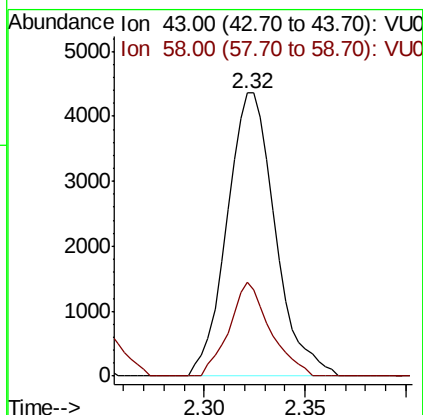
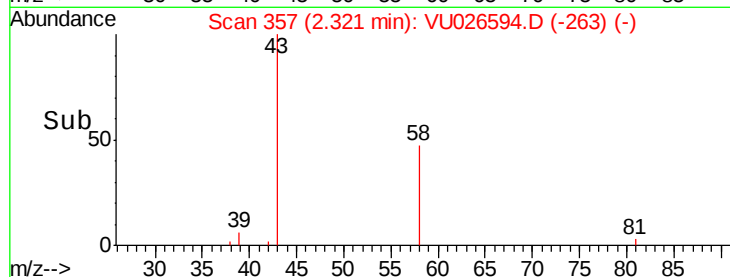
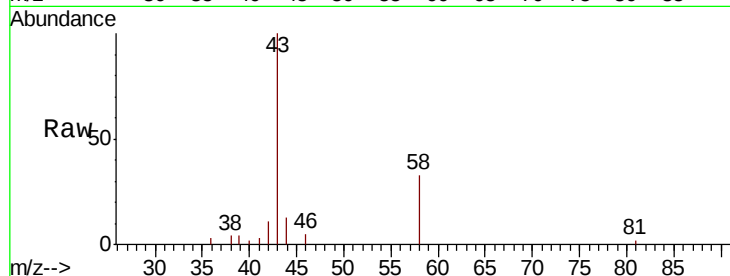
E5FB3

Tot Ion: 43 Resp: 7280

Ion Ratio Lower Upper

43 100

58 27.9 0.0 61.2



#20

cis-1,2-Dichloroethene

Concen: 1.94 ug/L

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

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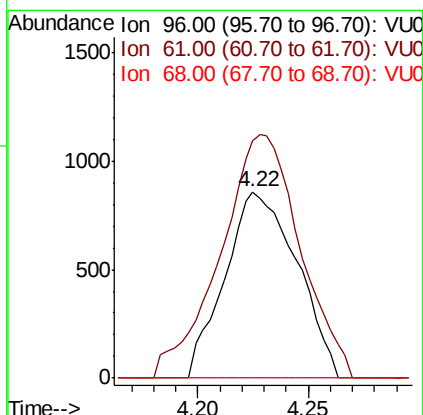
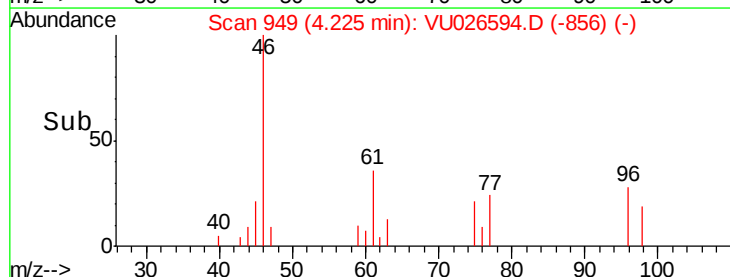
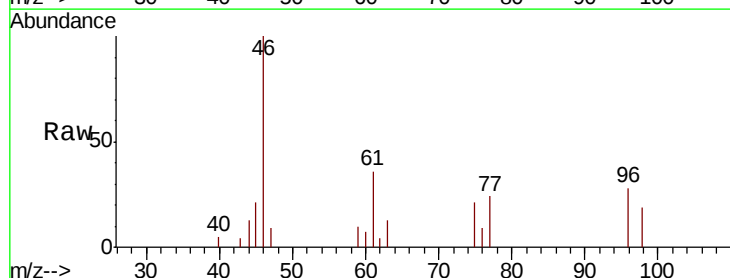
Tgt Ion: 96 Resp: 1941

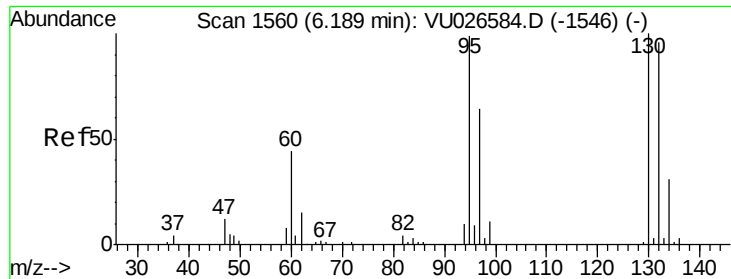
Ion Ratio Lower Upper

96 100

61 127.7 91.6 170.2

68 0.0 0.0 0.0

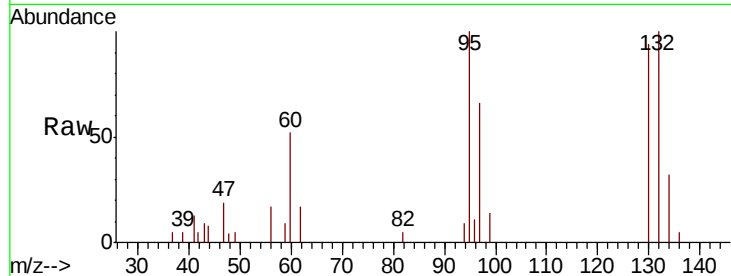




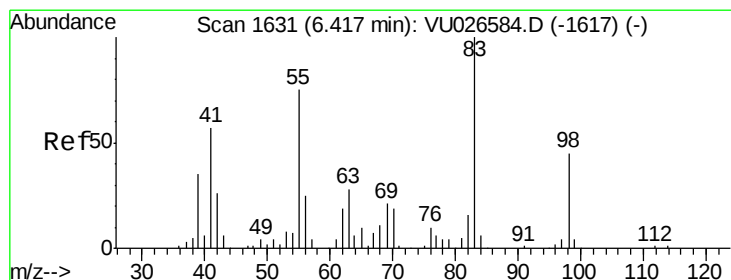
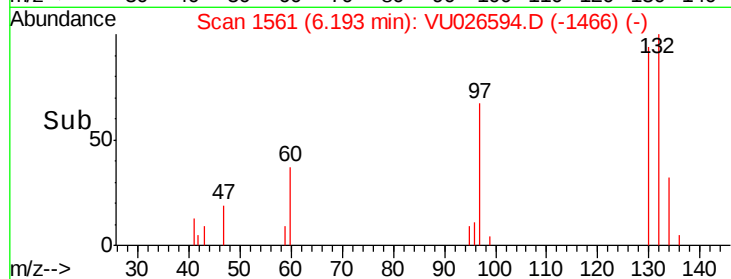
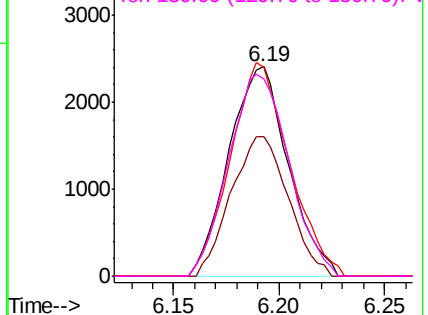
#34
 Trichloroethene
 Concen: 5.44 ug/L
 RT: 6.19 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: VU026594.D
 Acq: 06 Sep 2018 21:58

Instrument :
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 ClientSampleId :
 E5FB3

Tot Ion: 95 Resp: 4714
 Ion Ratio Lower Upper
 95 100
 97 66.4 45.1 83.7
 132 99.6 67.5 125.3
 130 94.1 69.3 128.7

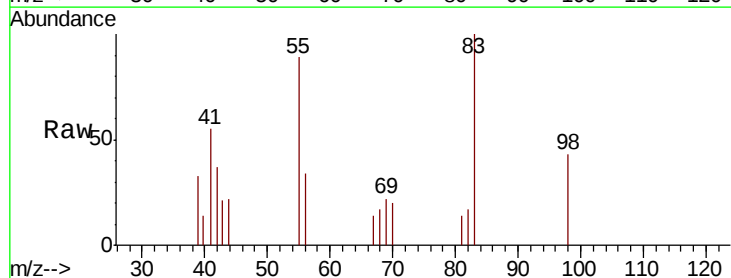


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#35
 Methylcyclohexane
 Concen: 1.44 ug/L
 RT: 6.42 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: VU026594.D
 Acq: 06 Sep 2018 21:58

Tgt Ion: 83 Resp: 1946
 Ion Ratio Lower Upper
 83 100
 55 86.2 63.3 94.9
 98 37.4 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

