

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026552.D
 Acq On : 05 Sep 2018 19:19
 Operator : MD/SY
 Sample : J4694-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE26

Quant Time: Sep 06 07:10:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	162866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39572	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.44%
7) Chloroethane-d5	1.68	69	38666	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.86%
11) 1,1-Dichloroethene-d2	2.27	63	62489	27.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.00%#
21) 2-Butanone-d5	4.18	46	83049	106.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	4.65	84	86474	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.31	65	60165	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.35	84	169947	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.33	67	60679	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.57	98	149390	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	7.85	79	15077	27.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.68%#
47) 2-Hexanone-d5	8.31	63	55826	100.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85741	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	58169	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

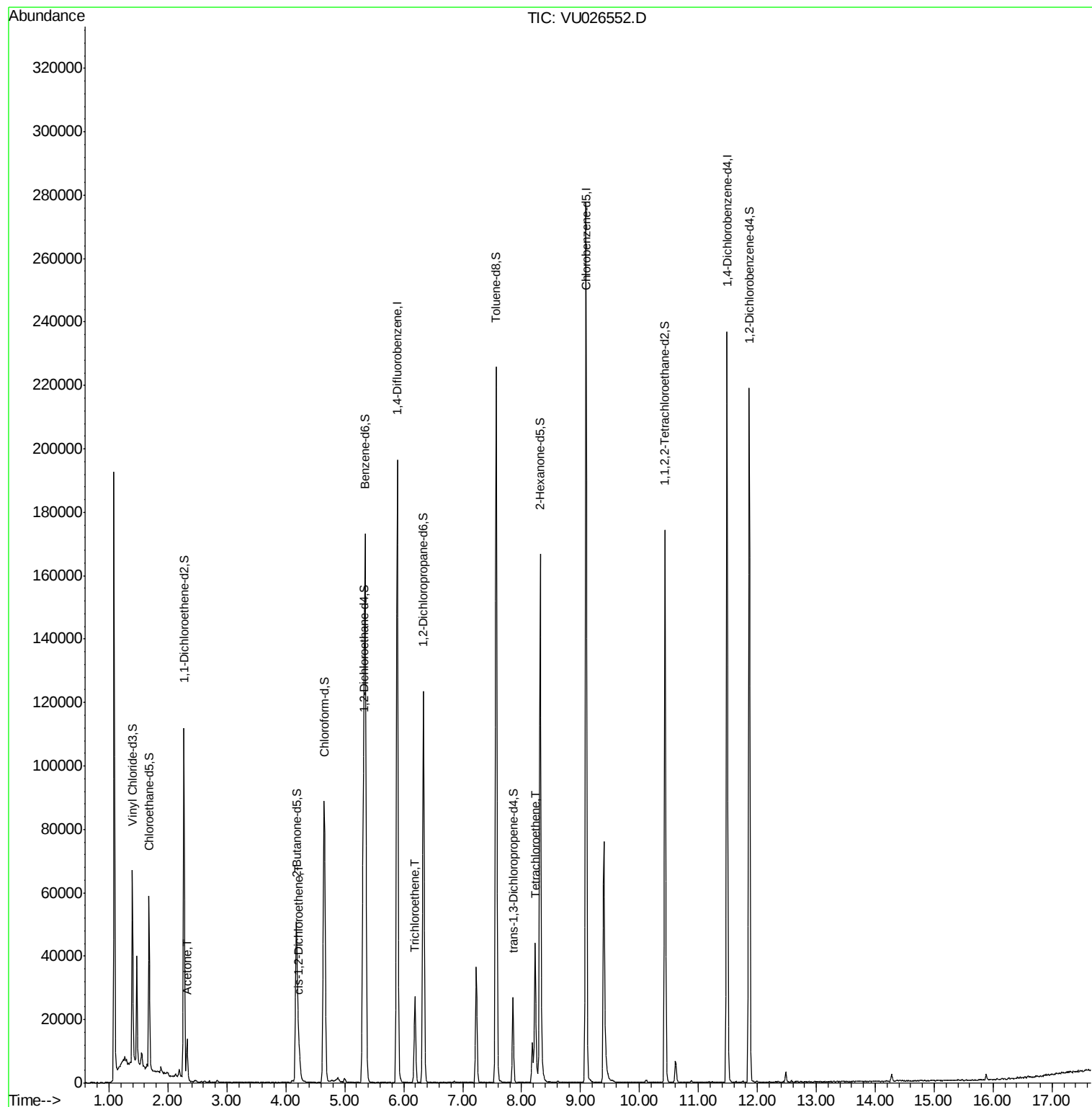
						Ovalue
13) Acetone	2.32	43	13393	19.75	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	3868	3.28	ug/L	92
34) Trichloroethene	6.19	95	9212	8.40	ug/L	96
46) Tetrachloroethene	8.23	164	9673	10.79	ug/L	93

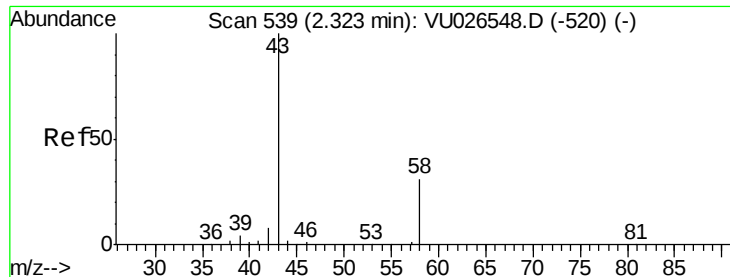
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.75 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

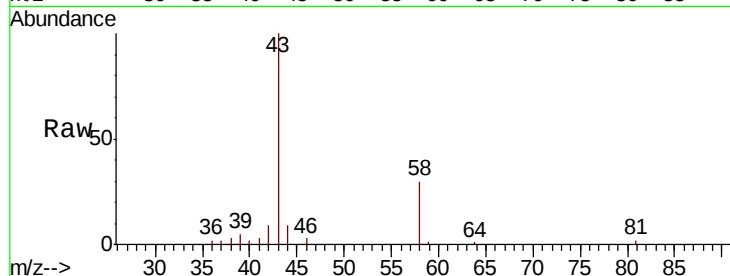
BEE26

Tot Ion: 43 Resp: 13393

Ion Ratio Lower Upper

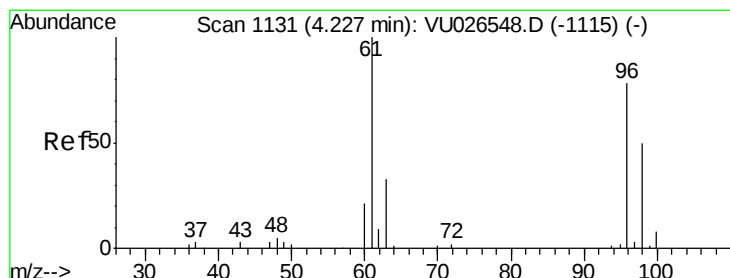
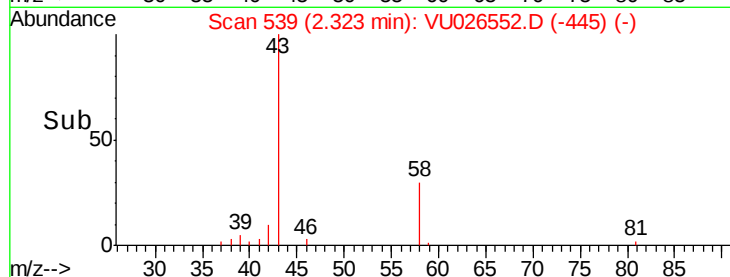
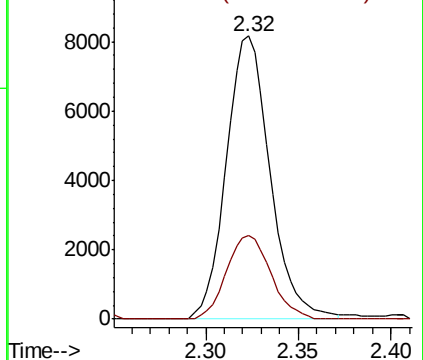
43 100

58 29.9 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: 3.28 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026552.D

Acq: 05 Sep 2018 19:19

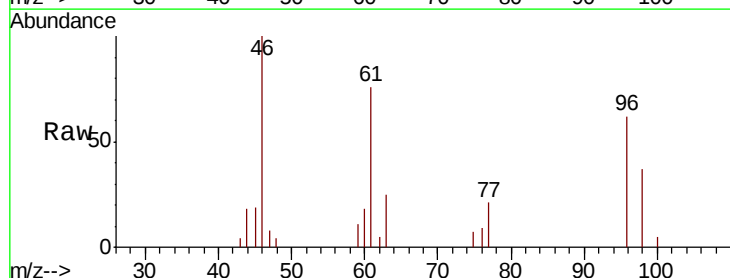
Tgt Ion: 96 Resp: 3868

Ion Ratio Lower Upper

96 100

61 121.6 91.6 170.2

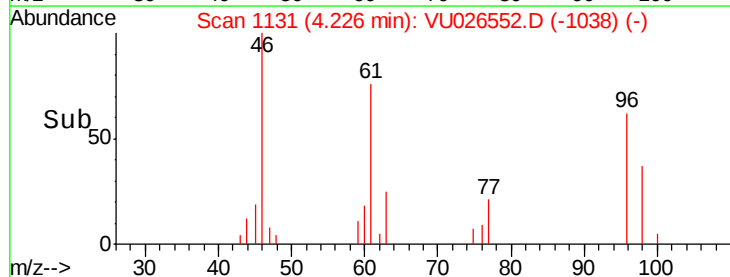
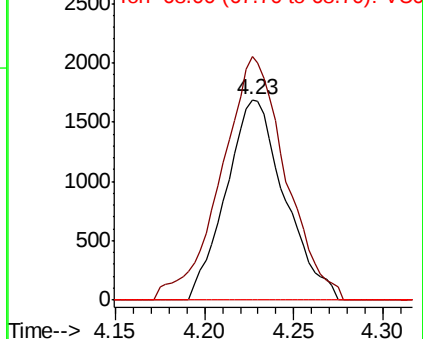
68 0.0 0.0 0.0

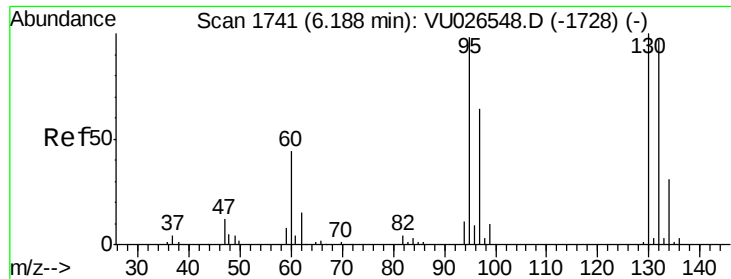


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

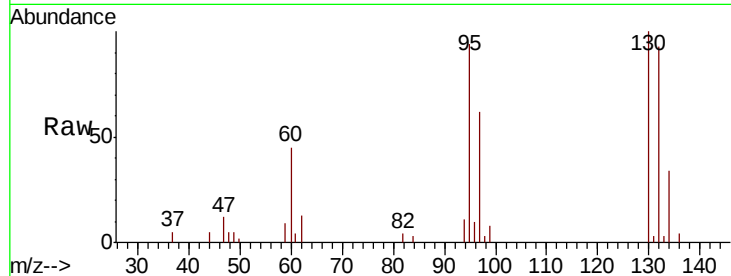




#34
 Trichloroethene
 Concen: 8.40 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026552.D
 Acq: 05 Sep 2018 19:19

Instrument :
 MSVOA_U
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 BEE26

Tot Ion: 95 Resp: 9212
 Ion Ratio Lower Upper
 95 100
 97 65.5 45.1 83.7
 132 98.6 67.5 125.3
 130 106.3 69.3 128.7



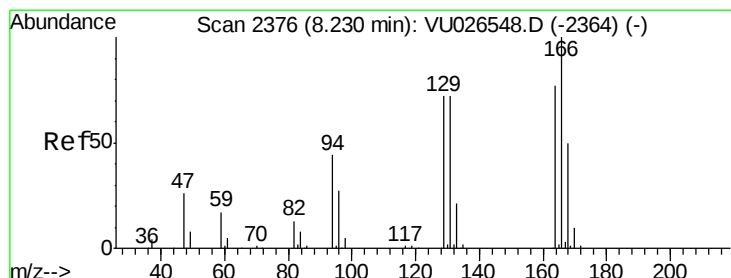
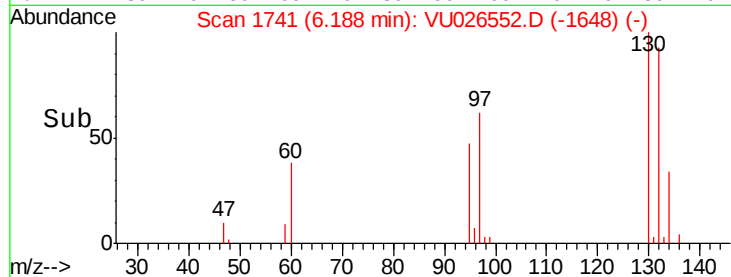
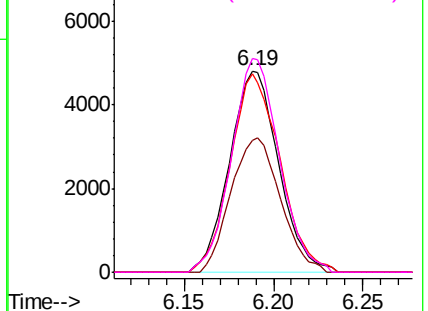
Abundance

Ion 95.00 (94.70 to 95.70): VU026552.D (-2283) (-)

Ion 97.00 (96.70 to 97.70): VU026552.D (-2283) (-)

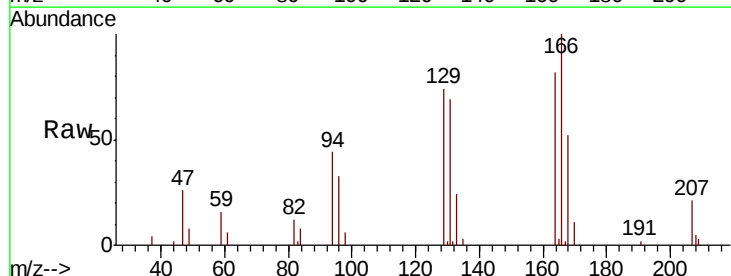
Ion 132.00 (131.70 to 132.70): VU026552.D (-2283) (-)

Ion 130.00 (129.70 to 130.70): VU026552.D (-2283) (-)



#46
 Tetrachloroethene
 Concen: 10.79 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026552.D
 Acq: 05 Sep 2018 19:19

Tgt Ion: 164 Resp: 9673
 Ion Ratio Lower Upper
 164 100
 129 90.4 67.3 125.1
 131 84.7 65.3 121.3
 166 122.3 90.9 168.7



Abundance

Ion 164.00 (163.70 to 164.70): VU026552.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026552.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026552.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026552.D (-2283) (-)

