

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\
 Data File : VU026626.D
 Acq On : 07 Sep 2018 18:23
 Operator : MD/SY
 Sample : J4749-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB3

Quant Time: Sep 08 02:05:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 01:21:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	141025	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48753	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42755	48.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.86%
7) Chloroethane-d5	1.68	69	39359	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.76%
11) 1,1-Dichloroethene-d2	2.27	63	60316	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	4.18	46	79521	117.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	4.65	84	80886	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.31	65	55592	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
32) Benzene-d6	5.34	84	154541	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.24%
36) 1,2-Dichloropropane-d6	6.33	67	55967	55.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.94%
41) Toluene-d8	7.57	98	129561	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	21792	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.31	63	52798	114.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76745	51.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	46441	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

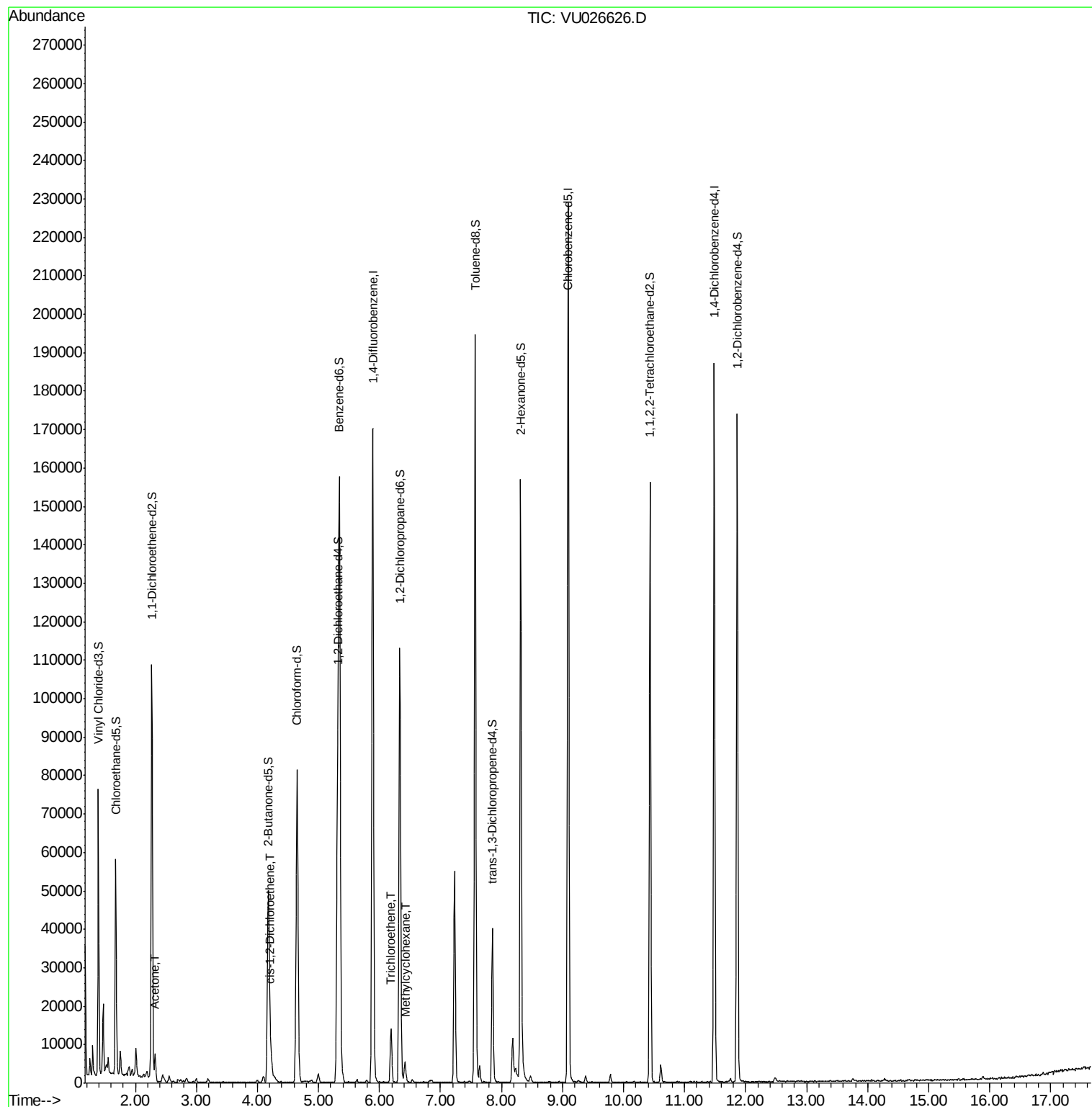
					Ovalue
13) Acetone	2.32	43	7123	12.13	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	1985	1.95	ug/L 91
34) Trichloroethene	6.19	95	4735	5.17	ug/L 96
35) Methylcyclohexane	6.42	83	2022	1.41	ug/L 87

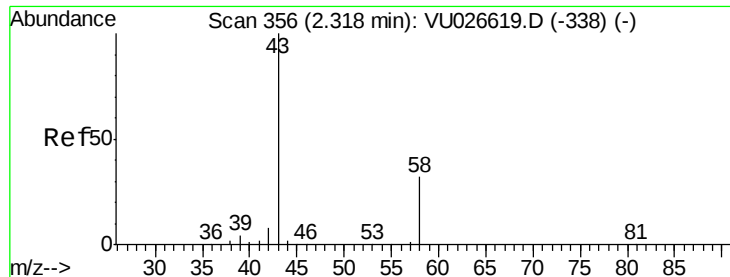
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.13 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

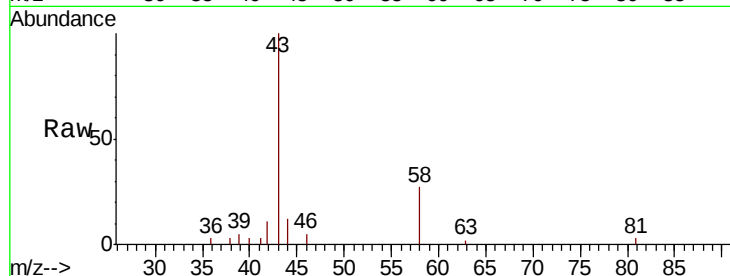
E5FB3

Tot Ion: 43 Resp: 7123

Ion Ratio Lower Upper

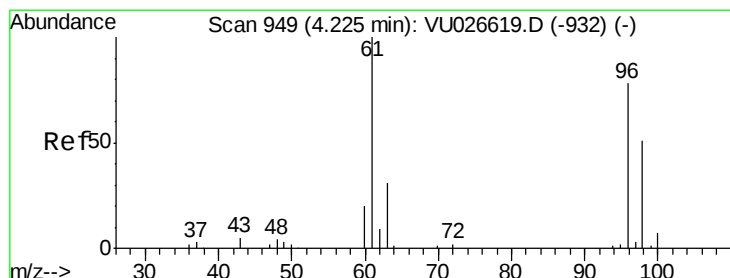
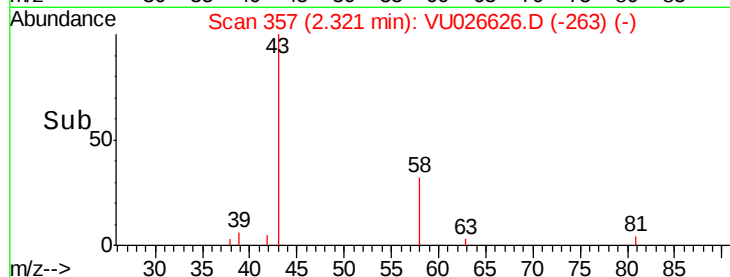
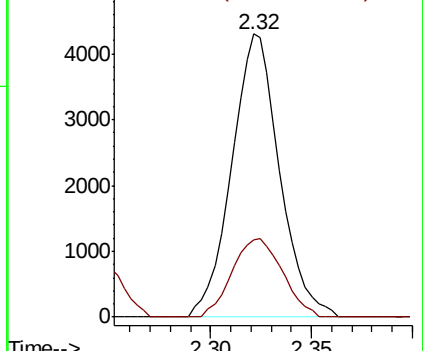
43 100

58 29.2 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: 1.95 ug/L

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU026626.D

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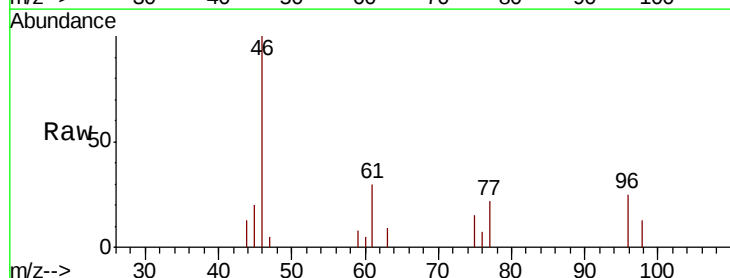
Tgt Ion: 96 Resp: 1985

Ion Ratio Lower Upper

96 100

61 120.3 91.6 170.2

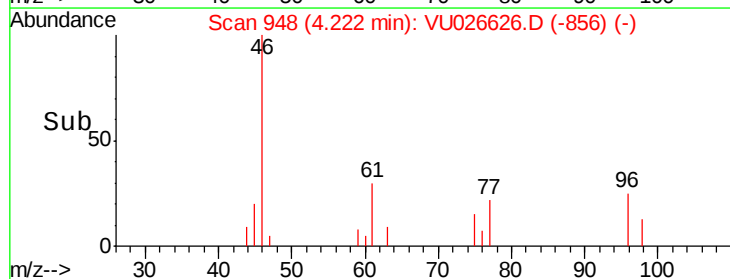
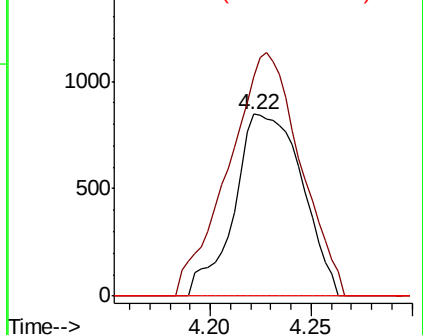
68 0.0 0.0 0.0

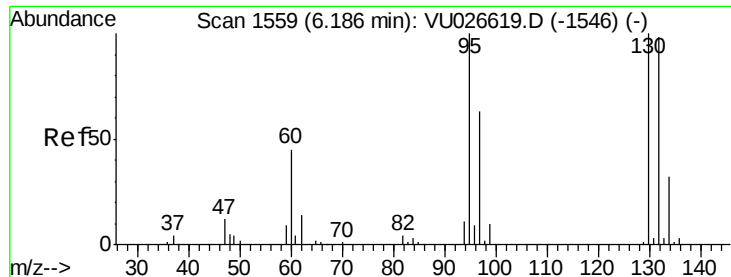


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

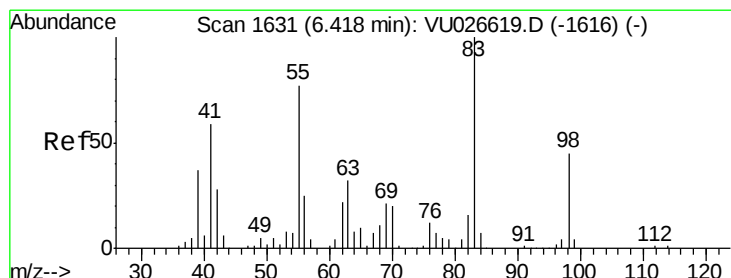
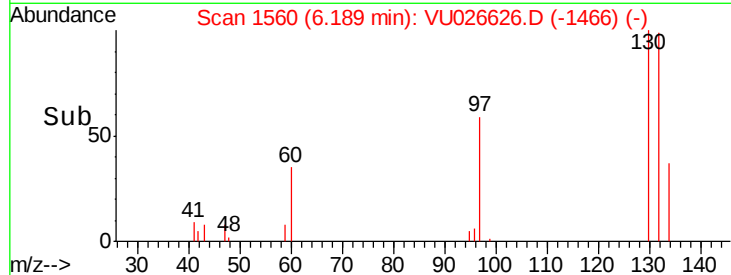
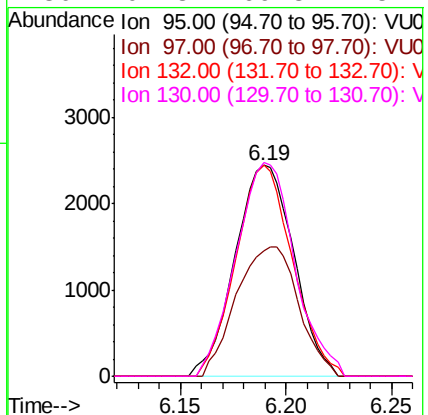
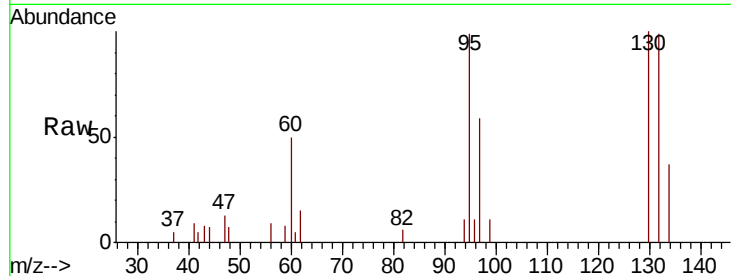




#34
 Trichloroethene
 Concen: 5.17 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
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Tot Ion: 95 Resp: 4735
 Ion Ratio Lower Upper
 95 100
 97 59.8 45.1 83.7
 132 100.4 67.5 125.3
 130 101.3 69.3 128.7



#35
 Methylcyclohexane
 Concen: 1.41 ug/L
 RT: 6.42 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: VU026626.D
 Acq: 07 Sep 2018 18:23

Tgt Ion: 83 Resp: 2022
 Ion Ratio Lower Upper
 83 100
 55 92.7 63.3 94.9
 98 39.3 36.7 55.1

