

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102618\
 Data File : VU027835.D
 Acq On : 26 Oct 2018 15:52
 Operator : MD/SY
 Sample : J5668-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBR9

Quant Time: Oct 27 03:37:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121544	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	111099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30668	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.86%
7) Chloroethane-d5	1.68	69	26057	35.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.58%
11) 1,1-Dichloroethene-d2	2.28	63	45944	26.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.94%#
21) 2-Butanone-d5	4.18	46	75509	93.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.69%
24) Chloroform-d	4.65	84	67203	39.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.06%
26) 1,2-Dichloroethane-d4	5.31	65	47740	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
32) Benzene-d6	5.34	84	126632	40.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.04%
36) 1,2-Dichloropropane-d6	6.33	67	47598	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.28%
41) Toluene-d8	7.57	98	113116	38.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.52%#
43) trans-1,3-Dichloropropene-	7.85	79	21420	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
47) 2-Hexanone-d5	8.31	63	55064	95.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63942	43.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	43793	41.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.56%

Target Compounds

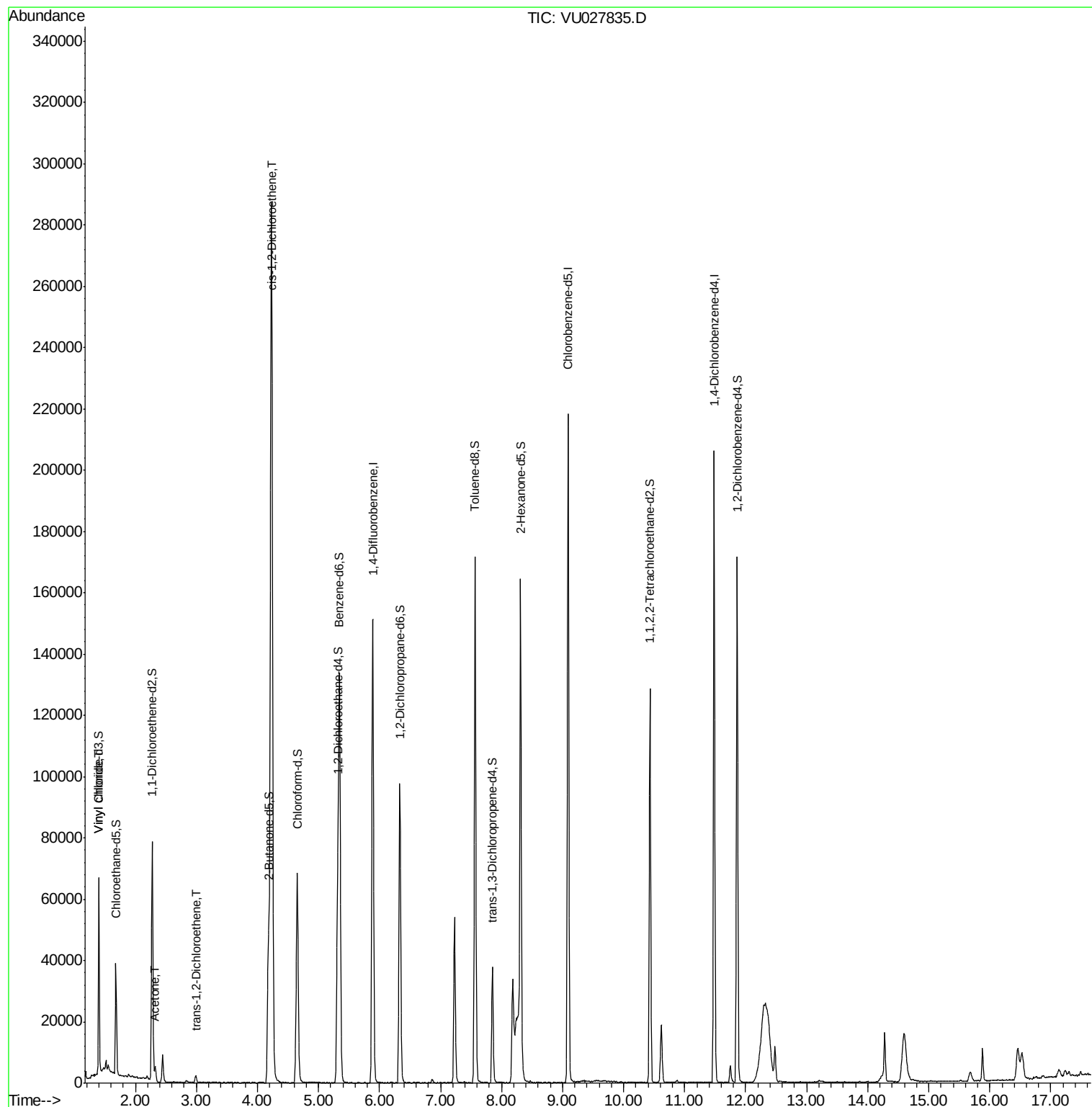
					Ovalue
5) Vinyl chloride	1.40	62	11945	10.883	ug/L # 77
13) Acetone	2.32	43	4899	8.727	ug/L 98
17) trans-1,2-Dichloroethene	2.99	96	903	1.205	ug/L 82
20) cis-1,2-Dichloroethene	4.23	96	150913	170.274	ug/L 99

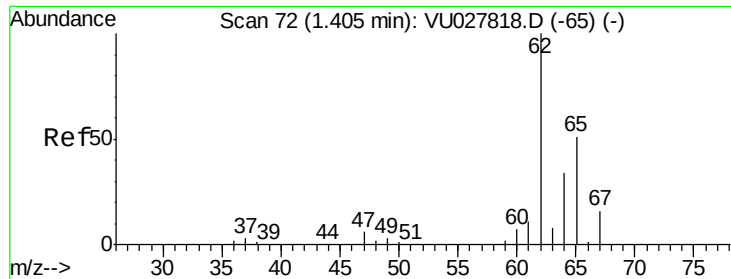
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.883 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

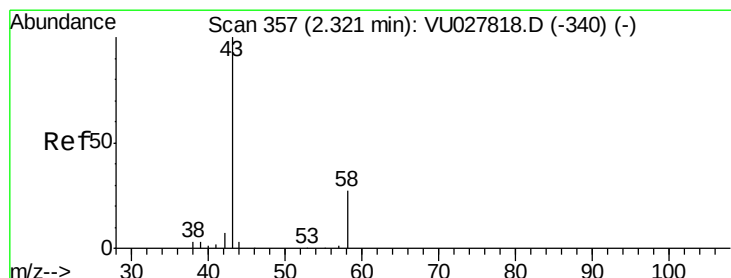
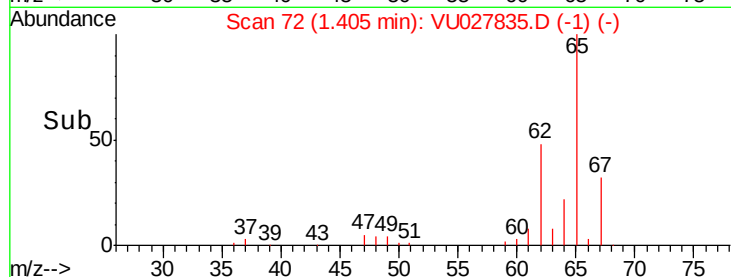
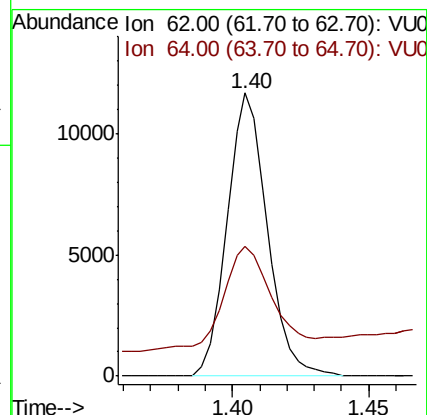
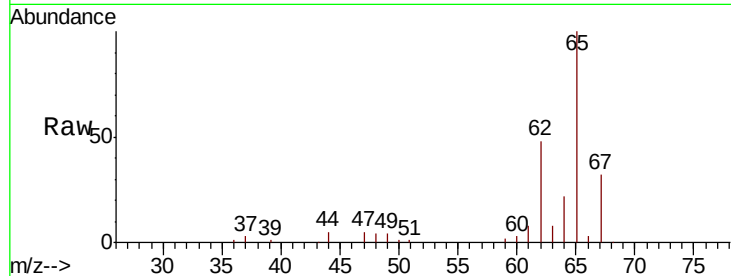
ETBR9

Tot Ion: 62 Resp: 11945

Ion Ratio Lower Upper

62 100

64 46.1 23.0 42.8#



#13

Acetone

Concen: 8.727 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027835.D

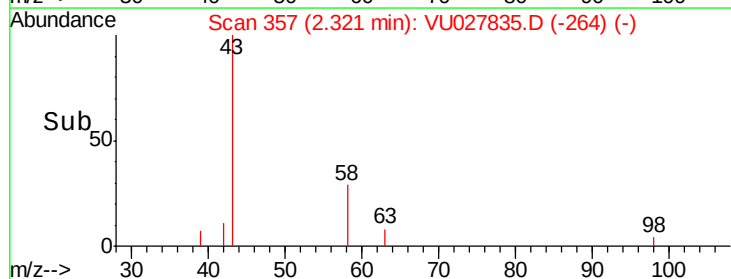
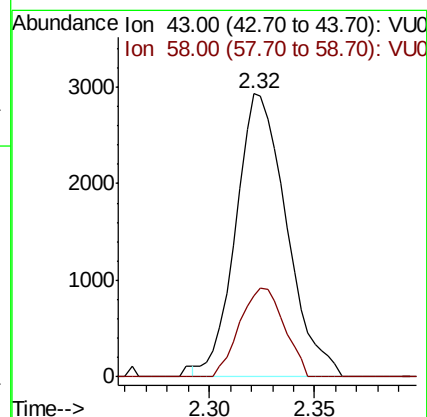
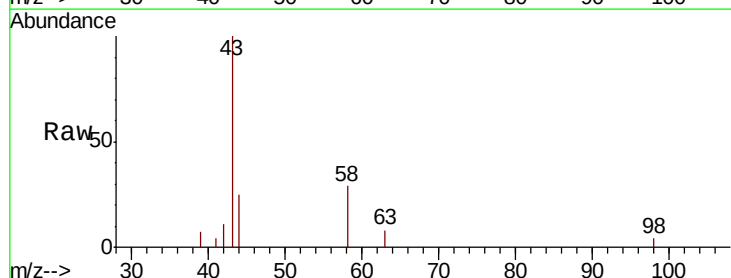
Acq: 26 Oct 2018 15:52

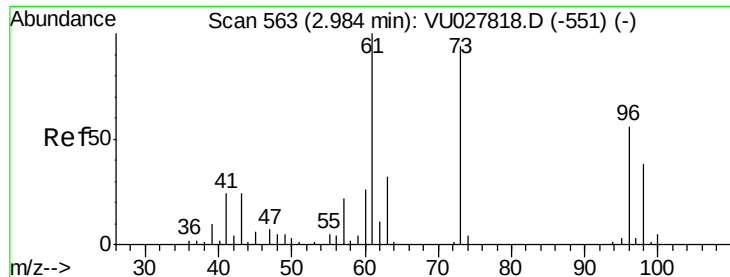
Tgt Ion: 43 Resp: 4899

Ion Ratio Lower Upper

43 100

58 27.6 0.0 57.4

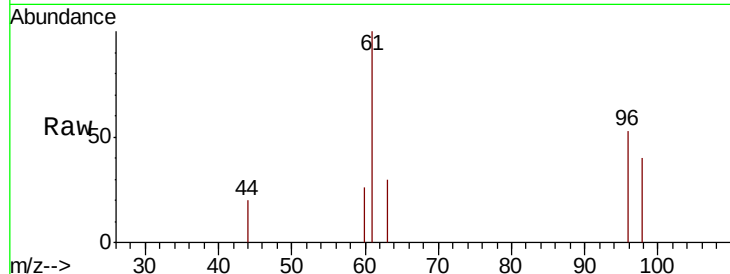




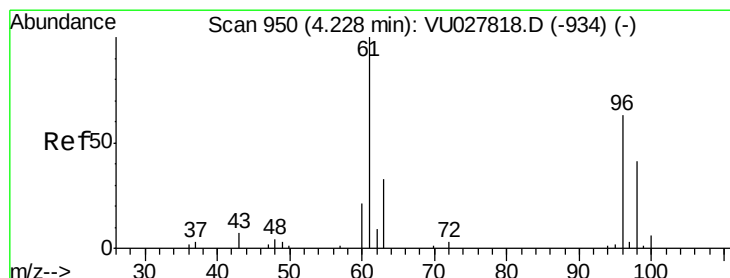
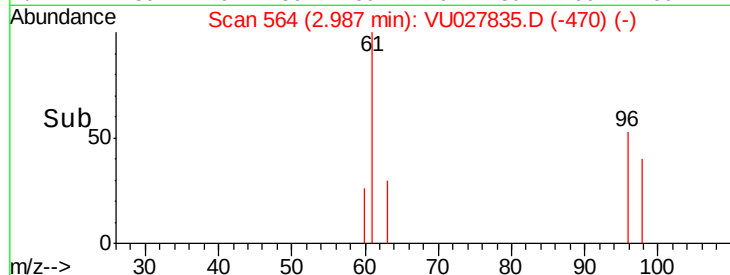
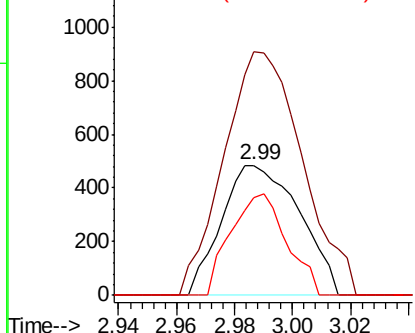
#17
trans-1,2-Dichloroethene
Concen: 1.205 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampled :
ETBR9

Tot Ion: 96 Resp: 903
Ion Ratio Lower Upper
96 100
61 187.0 114.7 212.9
98 75.1 42.2 78.4

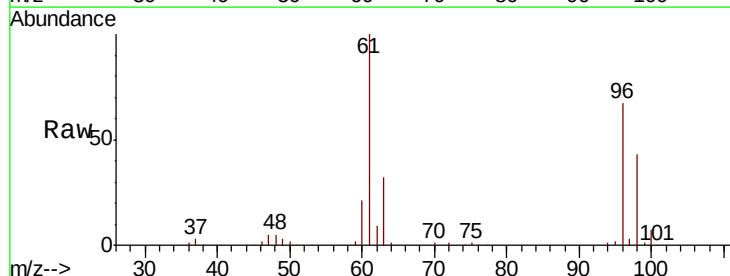


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20
cis-1,2-Dichloroethene
Concen: 170.274 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Tgt Ion: 96 Resp: 150913
Ion Ratio Lower Upper
96 100
61 149.7 104.2 193.4
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

