

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026582.D
 Acq On : 06 Sep 2018 15:57
 Operator : MD/SY
 Sample : J4691-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 07 04:45:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51915	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.24%
7) Chloroethane-d5	1.68	69	46390	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	68982	28.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.96%#
21) 2-Butanone-d5	4.18	46	80018	97.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.55%
24) Chloroform-d	4.65	84	89727	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.31	65	59136	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.34	84	178581	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.33	67	61252	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.57	98	156293	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	7.85	79	25598	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.31	63	55823	98.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82882	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	59777	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

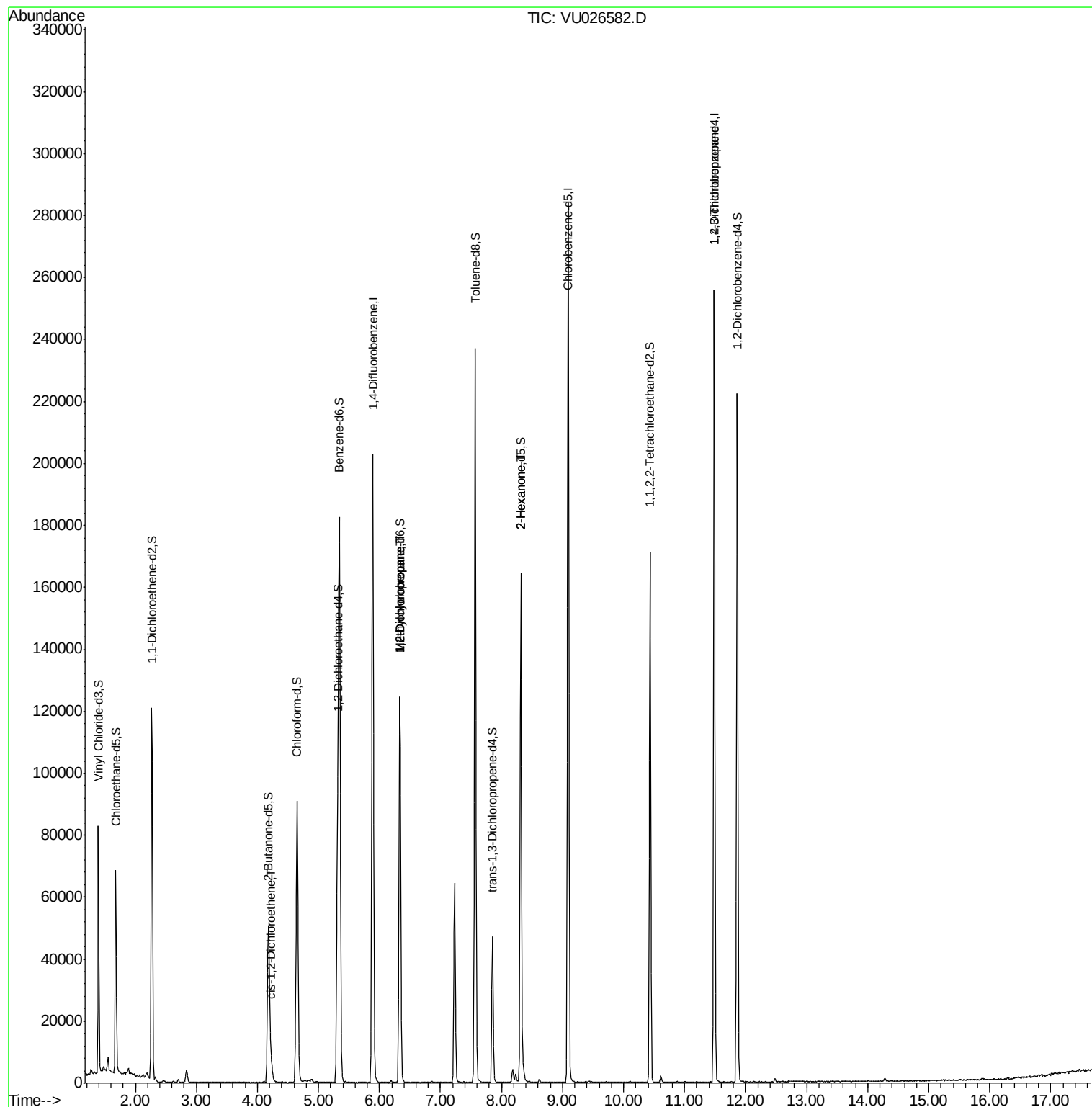
					Qvalue
20) cis-1,2-Dichloroethene	4.23	96	2132	1.728 ug/L	96
35) Methylcyclohexane	6.33	83	13856	7.936 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6413	5.196 ug/L #	88
48) 2-Hexanone	8.31	43	6982	5.326 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	7658	4.973 ug/L #	88

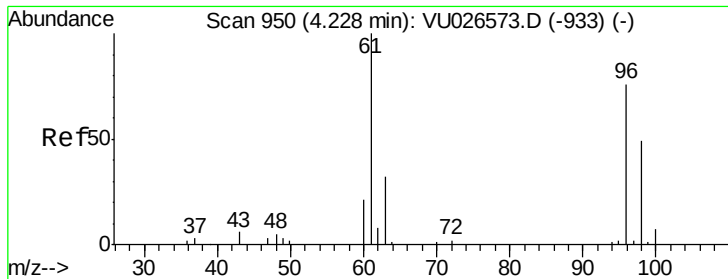
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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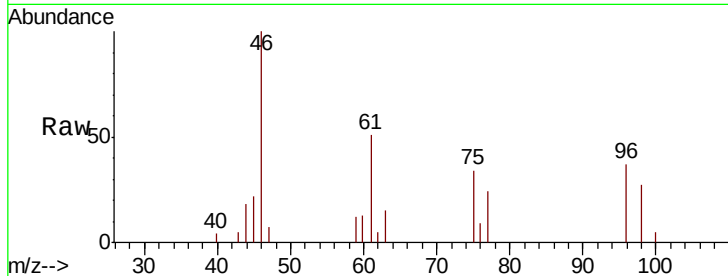


#20

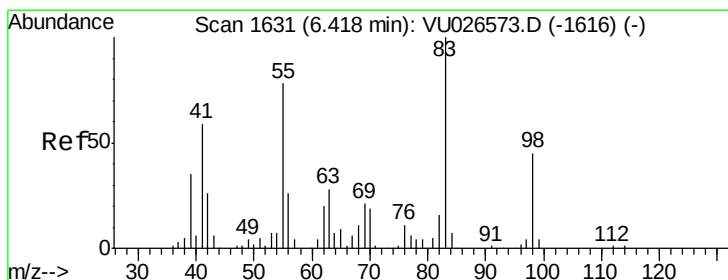
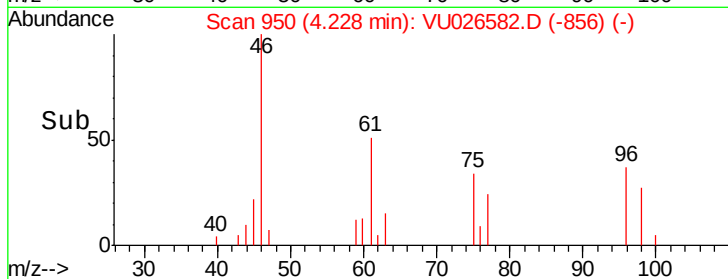
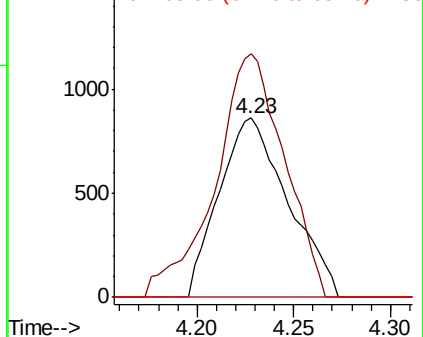
cis-1,2-Dichloroethene
Concen: 1.728 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU026582.D
Acq: 06 Sep 2018 15:57

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 135.8 91.6 170.2
68 0.0 0.0 0.0



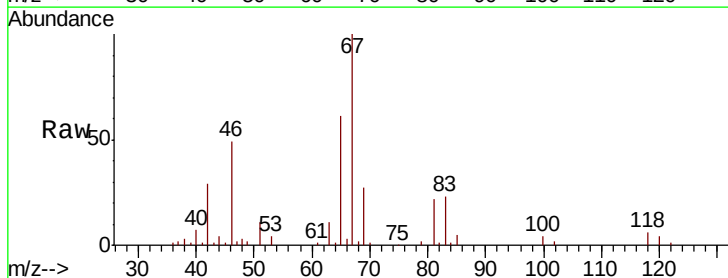
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



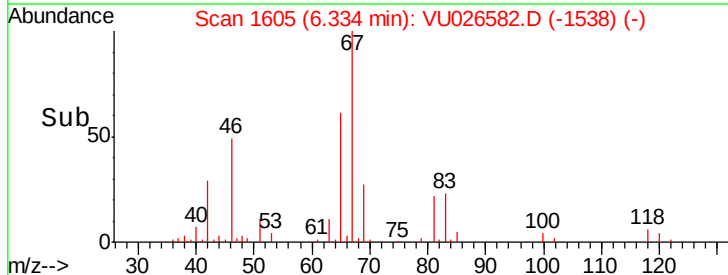
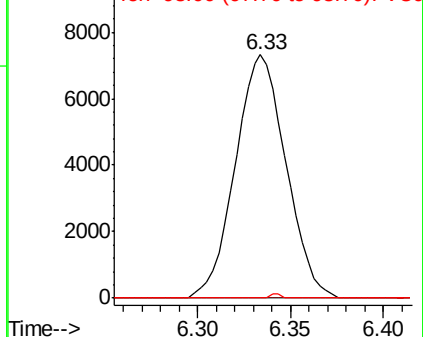
#35

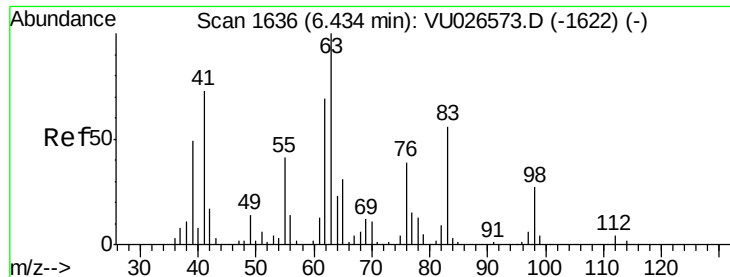
Methylcyclohexane
Concen: 7.936 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.09 min
Lab File: VU026582.D
Acq: 06 Sep 2018 15:57

Tgt Ion: 83 Resp: 13856
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.3 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

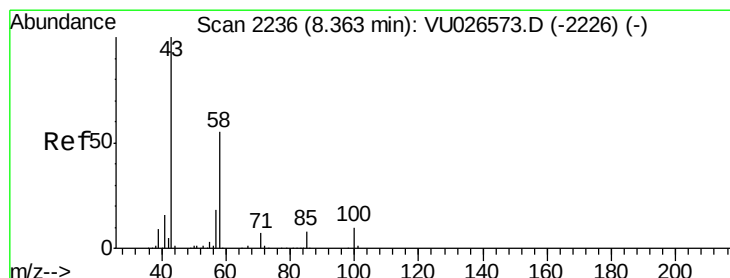
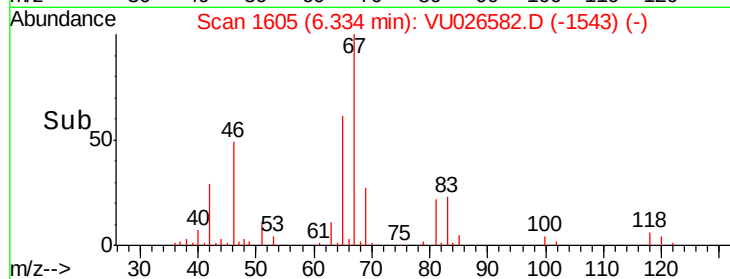
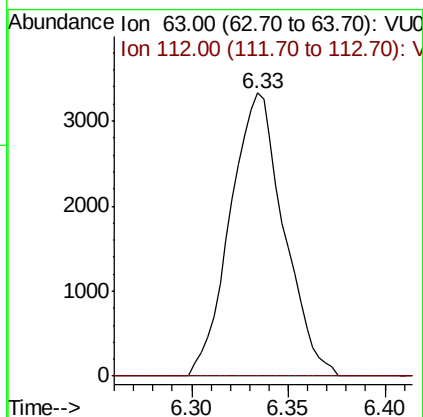
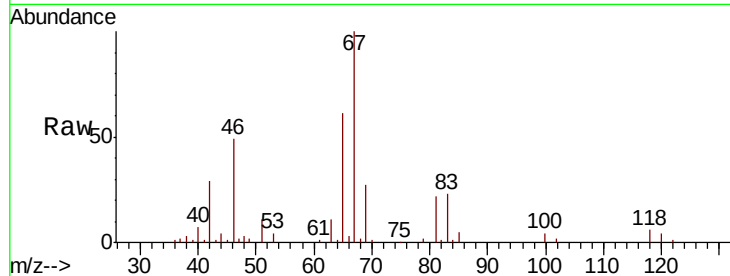




#37
 1,2-Dichloropropane
 Concen: 5.196 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026582.D
 Acq: 06 Sep 2018 15:57

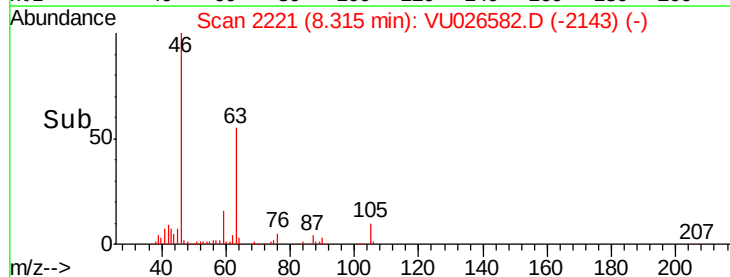
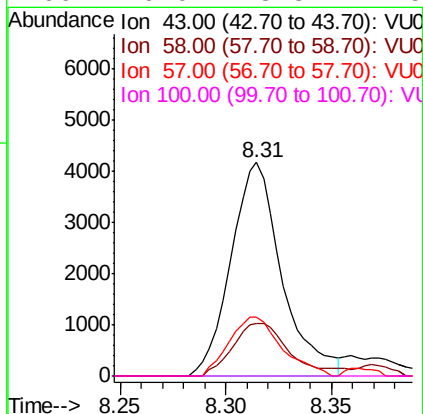
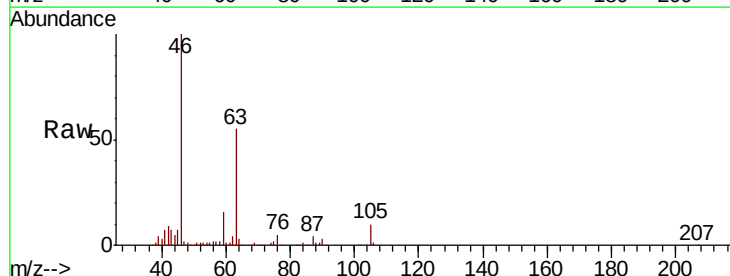
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 ClientSampleId :
 VHBLK01

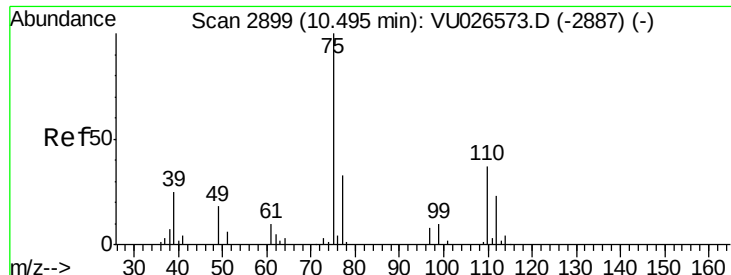
Tgt Ion: 63 Resp: 6413
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 5.326 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU026582.D
 Acq: 06 Sep 2018 15:57

Tgt Ion: 43 Resp: 6982
 Ion Ratio Lower Upper
 43 100
 58 26.4 42.2 63.4#
 57 28.3 14.6 21.8#
 100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 4.973 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026582.D

Acq: 06 Sep 2018 15:57

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 7658

Ion Ratio Lower Upper

75 100

77 37.7 25.0 37.6#

