

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026576.D
 Acq On : 06 Sep 2018 13:24
 Operator : MD/SY
 Sample : J4694-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 07 04:45:23 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	153000	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143169	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61510	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49728	52.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.92%
7) Chloroethane-d5	1.68	69	43255	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.04%
11) 1,1-Dichloroethene-d2	2.27	63	73049	34.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.44%
21) 2-Butanone-d5	4.18	46	79867	108.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.55%
24) Chloroform-d	4.65	84	88646	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
26) 1,2-Dichloroethane-d4	5.31	65	59796	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.34	84	173065	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.90%
36) 1,2-Dichloropropane-d6	6.33	67	61608	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.57	98	150968	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.85	79	26501	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.38%
47) 2-Hexanone-d5	8.31	63	56852	109.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84063	50.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	60237	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%

Target Compounds

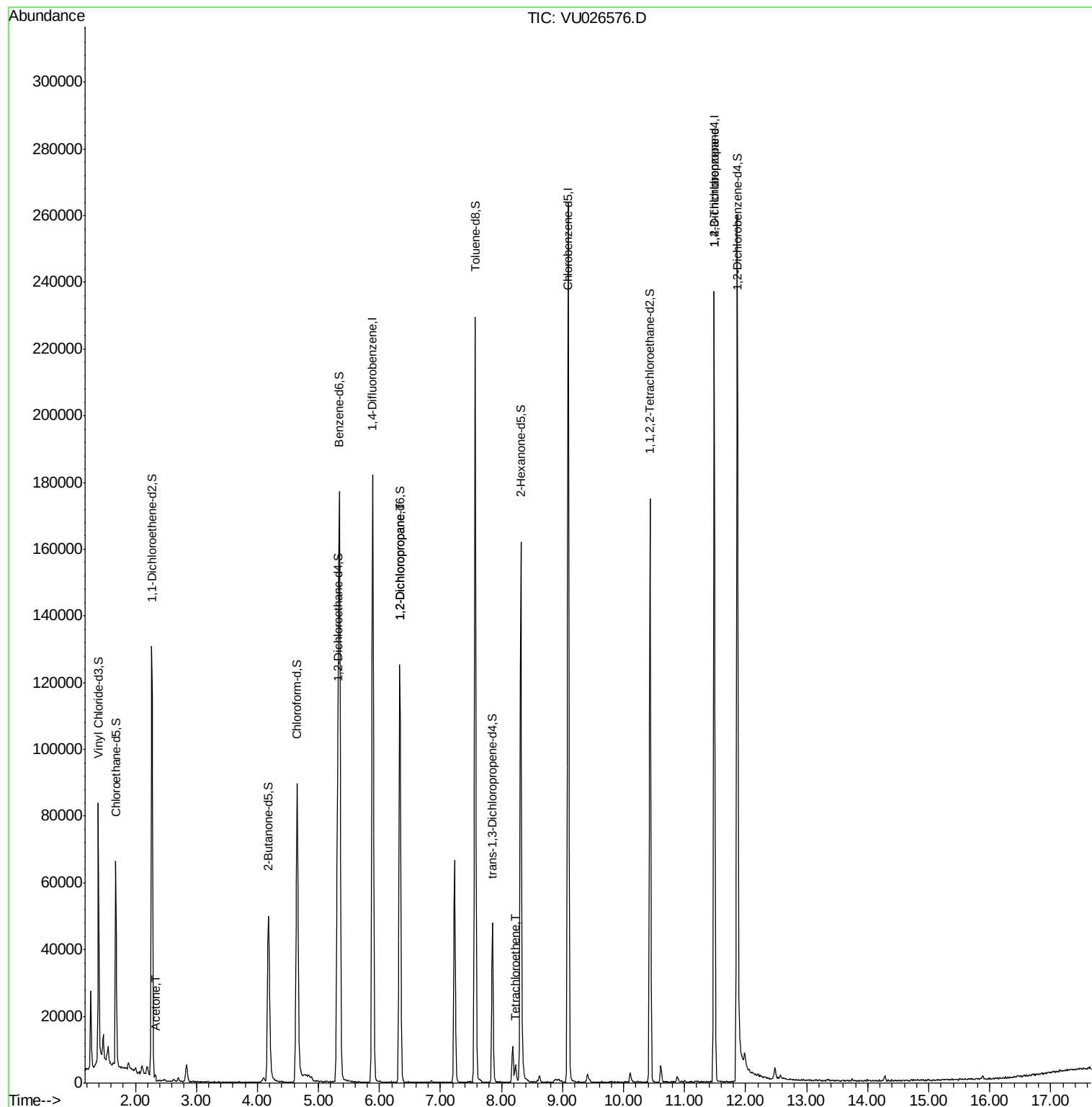
					Qvalue
13) Acetone	2.32	43	959	1.505 ug/L	77
37) 1,2-Dichloropropane	6.33	63	6087	5.357 ug/L #	88
46) Tetrachloroethene	8.23	164	1013	1.203 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	7283	5.137 ug/L	93

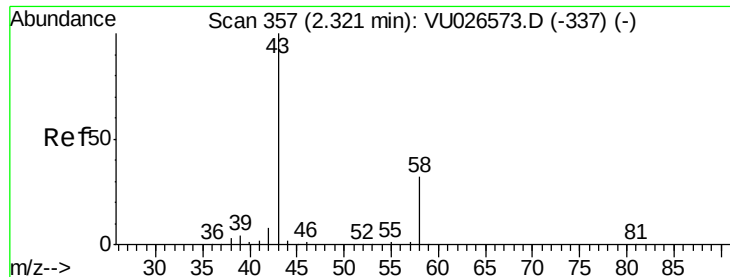
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.505 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Acq: 06 Sep 2018 13:24

Instrument :

MSVOA_U

ClientSampleId :

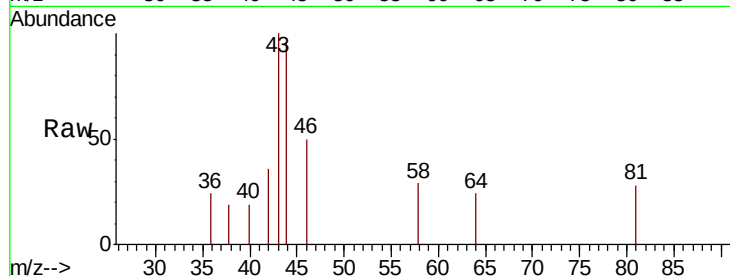
VHBLK01

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

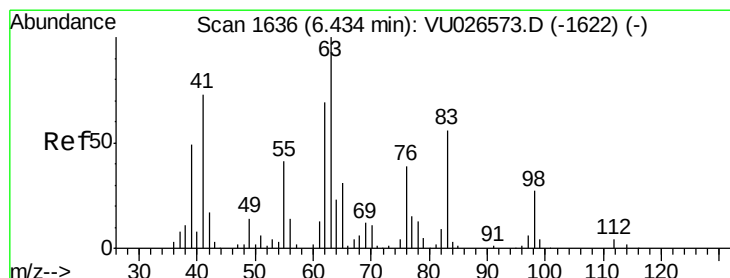
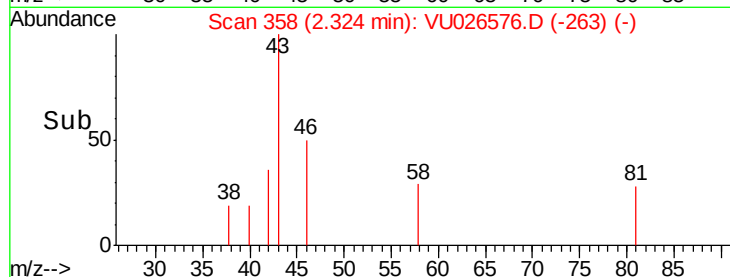
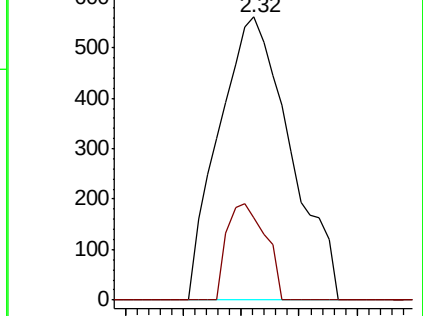
43 100

58 18.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.357 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026576.D

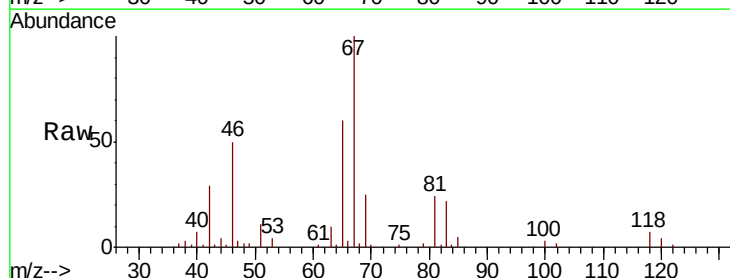
Acq: 06 Sep 2018 13:24

Tgt Ion: 63 Resp: 6087

Ion Ratio Lower Upper

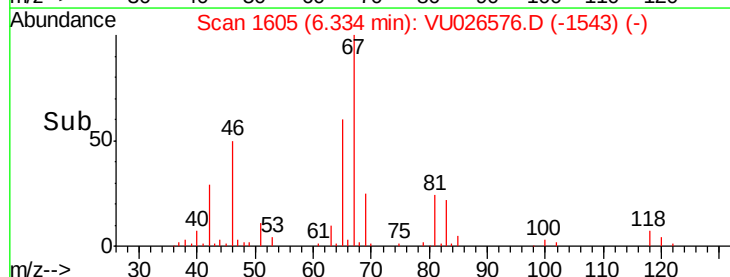
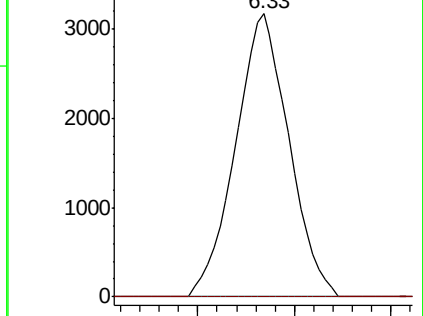
63 100

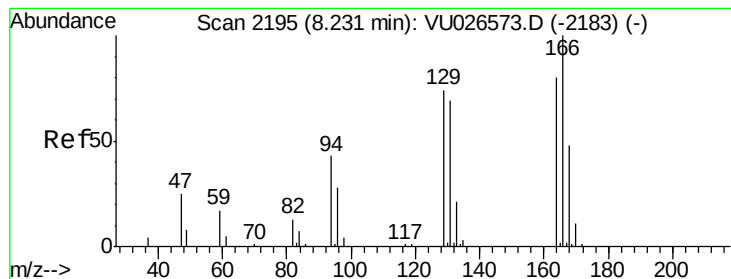
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.203 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion:164 Resp: 1013

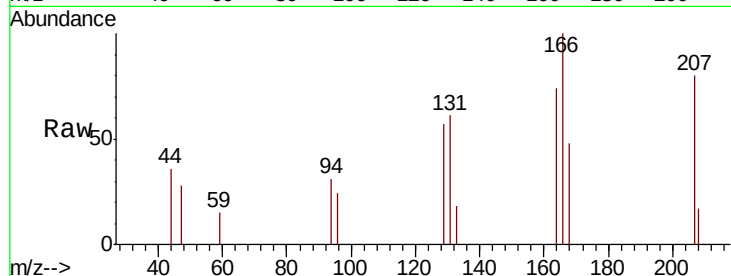
Ion Ratio Lower Upper

164 100

129 77.7 67.3 125.1

131 82.4 65.3 121.3

166 135.3 90.9 168.7

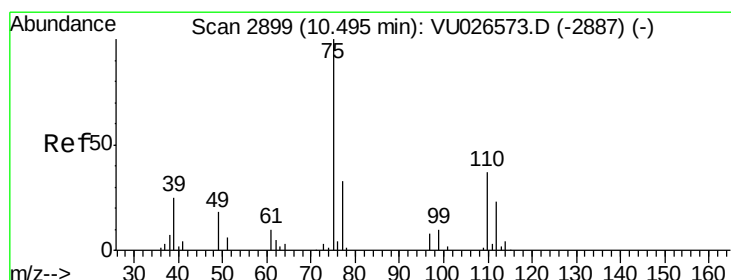
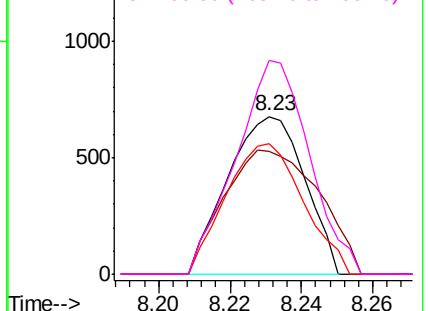
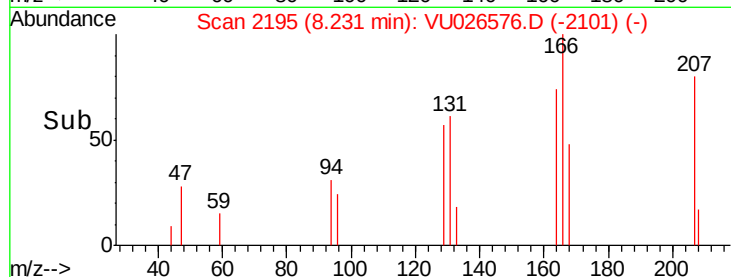


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.137 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026576.D

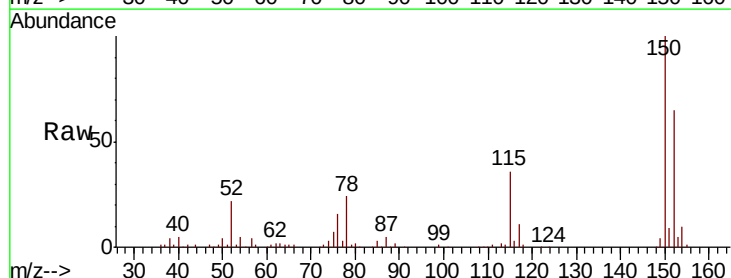
Acq: 06 Sep 2018 13:24

Tgt Ion: 75 Resp: 7283

Ion Ratio Lower Upper

75 100

77 35.2 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

