

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071718\
 Data File : VU025482.D
 Acq On : 18 Jul 2018 01:35
 Operator : MD/SY
 Sample : J3984-13DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL

Quant Time: Jul 18 07:17:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 06:47:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331558	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	300284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67702	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.68	69	61251	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.96%
11) 1,1-Dichloroethene-d2	2.27	63	116263	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.18	46	149476	89.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.84%
24) Chloroform-d	4.65	84	182192	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.31	65	129746	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
32) Benzene-d6	5.35	84	345472	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.34	67	115013	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.57	98	322928	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%
43) trans-1,3-Dichloropropene-	7.85	79	53789	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.00%
47) 2-Hexanone-d5	8.31	63	107626	86.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162593	45.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	137164	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%

Target Compounds

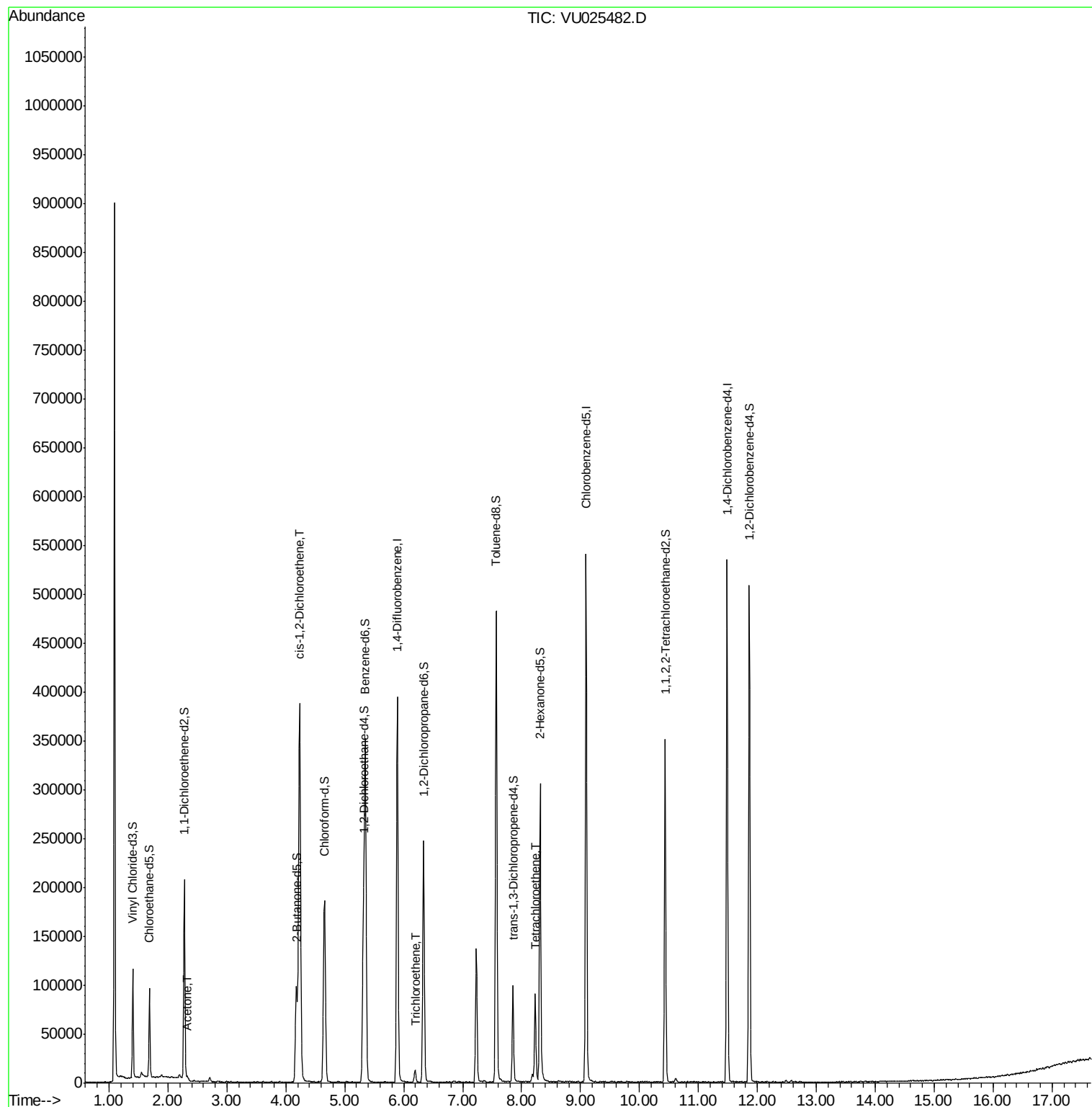
					Ovalue
13) Acetone	2.32	43	4486	3.09 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	216925	83.35 ug/L	99
34) Trichloroethene	6.19	95	4145	1.76 ug/L	96
46) Tetrachloroethene	8.23	164	20116	10.25 ug/L	95

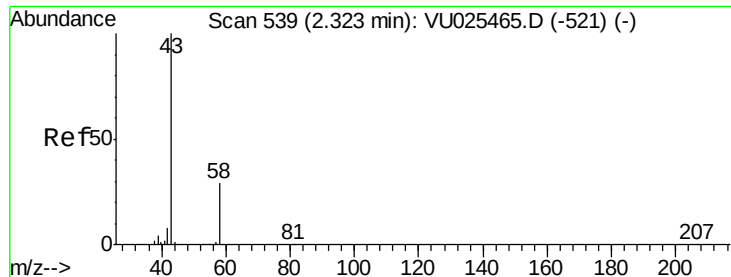
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.09 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025482.D

Acq: 18 Jul 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

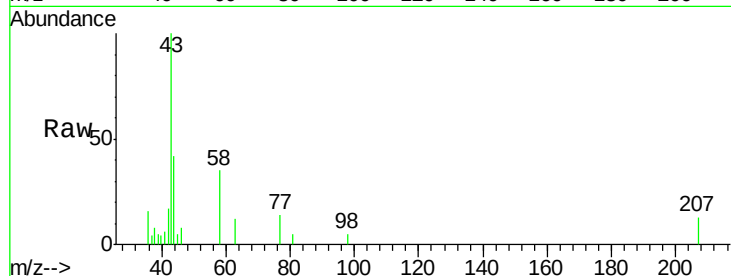
DB189DL

Tot Ion: 43 Resp: 4486

Ion Ratio Lower Upper

43 100

58 31.0 0.0 59.0

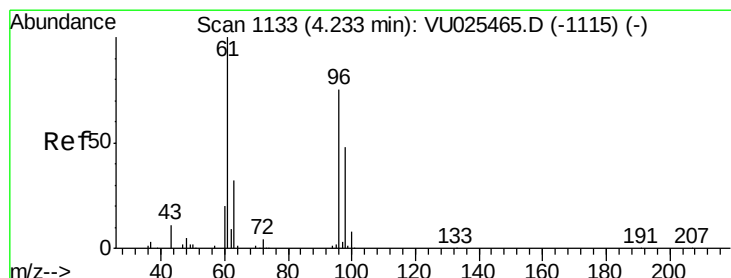
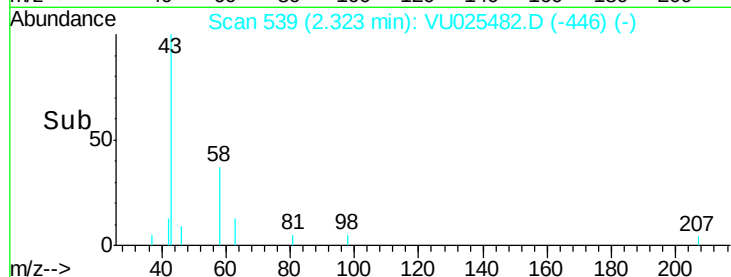


Abundance Ion 43.00 (42.70 to 43.70): VU025482.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025482.D (-446) (-)

2.32

Time-->



#20

cis-1,2-Dichloroethene

Concen: 83.35 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025482.D

Acq: 18 Jul 2018 01:35

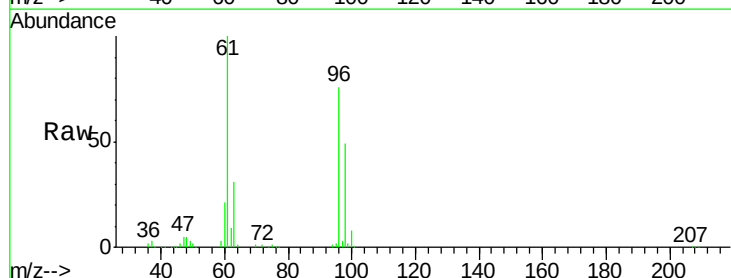
Tgt Ion: 96 Resp: 216925

Ion Ratio Lower Upper

96 100

61 131.9 91.7 170.3

68 0.0 0.0 0.0



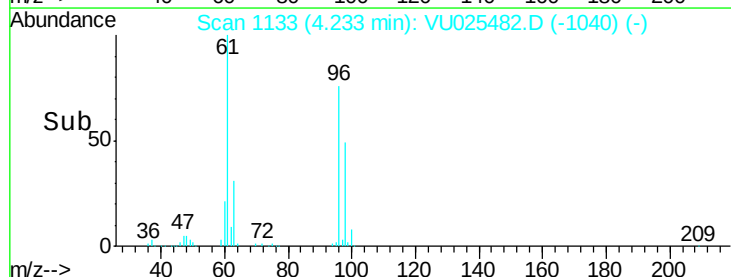
Abundance Ion 96.00 (95.70 to 96.70): VU025482.D (-1040) (-)

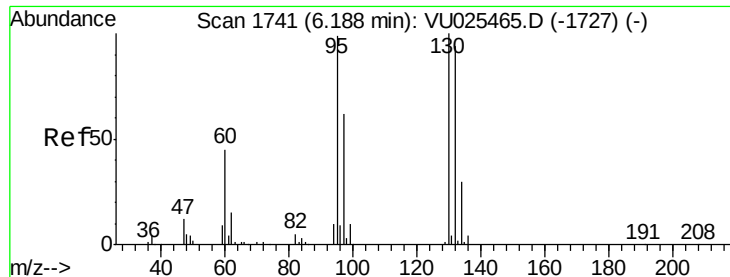
Ion 61.00 (60.70 to 61.70): VU025482.D (-1040) (-)

Ion 68.00 (67.70 to 68.70): VU025482.D (-1040) (-)

4.23

Time-->





#34

Trichloroethene

Concen: 1.76 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025482.D

Acq: 18 Jul 2018 01:35

Instrument :

MSVOA_U

ClientSampleId :

DB189DL

Tot Ion: 95 Resp: 4145

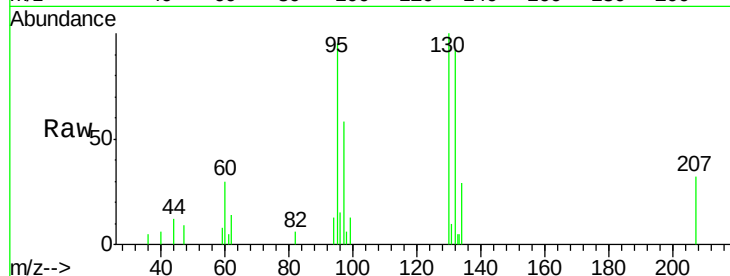
Ion Ratio Lower Upper

95 100

97 61.6 45.9 85.3

132 102.3 68.2 126.6

130 105.6 71.8 133.4

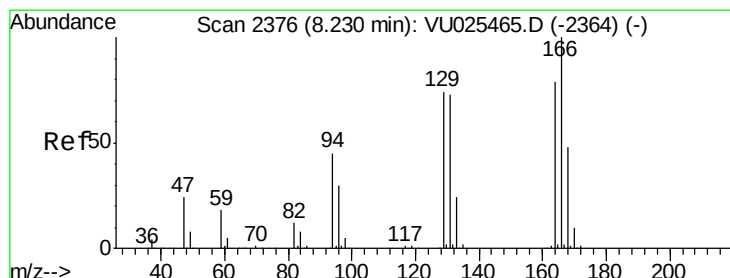
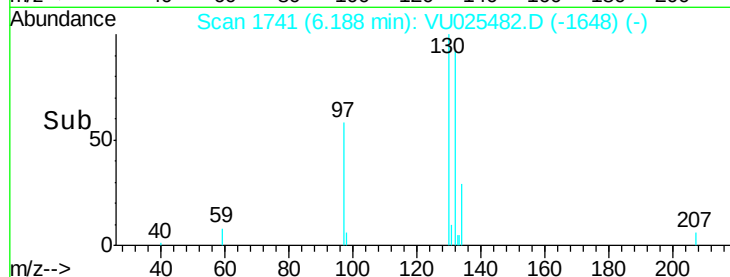
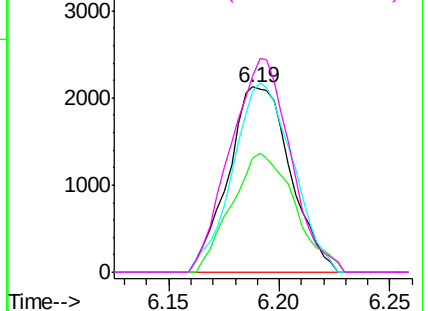


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 10.25 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025482.D

Acq: 18 Jul 2018 01:35

Tgt Ion:164 Resp: 20116

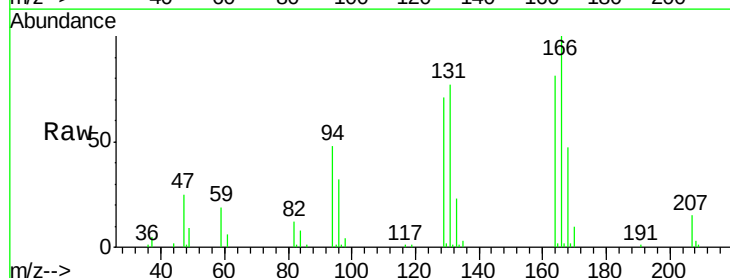
Ion Ratio Lower Upper

164 100

129 87.9 66.5 123.5

131 95.0 63.7 118.3

166 124.0 90.8 168.6



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

