

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008295.D
 Acq On : 16 Oct 2018 13:32
 Operator : SY/MD
 Sample : J5406-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK0

Quant Time: Oct 19 11:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99662	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89363	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26529	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	20539	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	38553	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.99	46	90241	47.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.54%
24) Chloroform-d	4.41	84	54539	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.09	65	29528	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	118716	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	40982	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	105326	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	14119	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	52243	41.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23678	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	31232	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

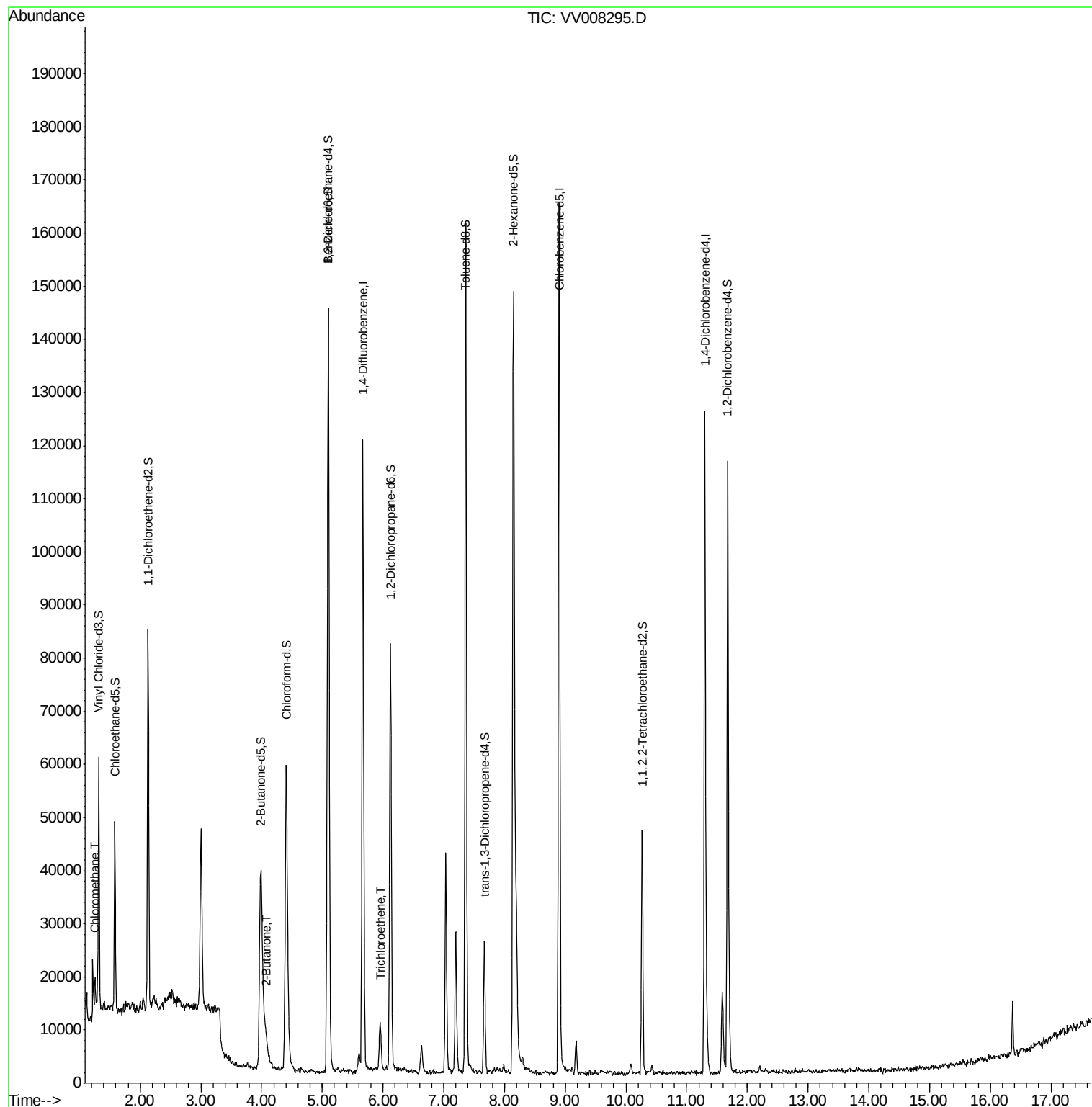
Target Compounds					Ovalue
3) Chloromethane	1.25	50	3005	0.384 ug/L	94
21) 2-Butanone	4.08	43	6199	2.921 ug/L	95
34) Trichloroethene	5.96	95	1072	0.128 ug/L	94

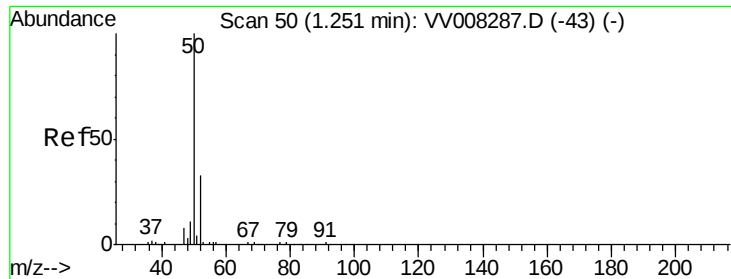
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.384 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008295.D

Acq: 16 Oct 2018 13:32

Instrument :

MSVOA_V

ClientSampleId :

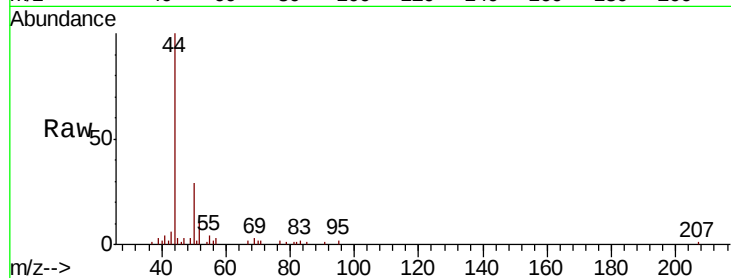
C0AK0

Tot Ion: 50 Resp: 3005

Ion Ratio Lower Upper

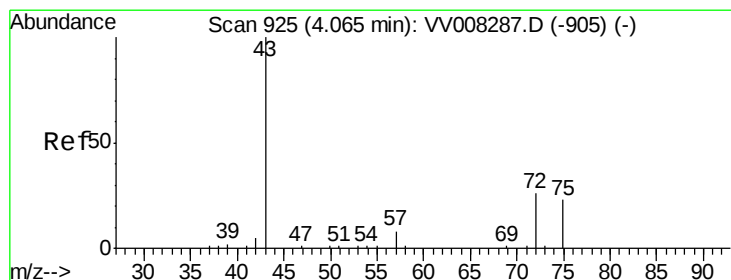
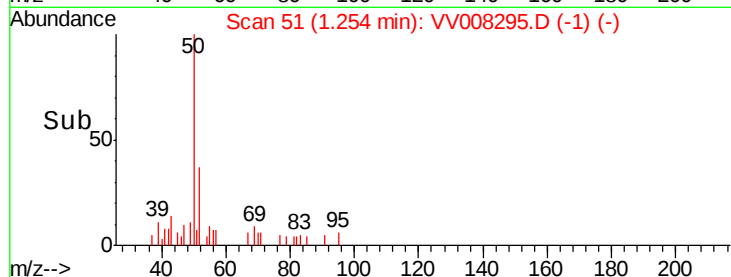
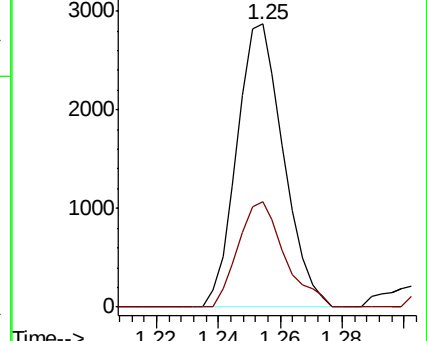
50 100

52 37.4 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#21

2-Butanone

Concen: 2.921 ug/L

RT: 4.08 min Scan# 930

Delta R.T. 0.02 min

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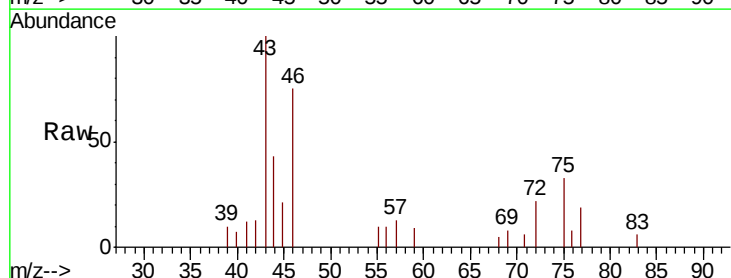
Acq: 16 Oct 2018 13:32

Tgt Ion: 43 Resp: 6199

Ion Ratio Lower Upper

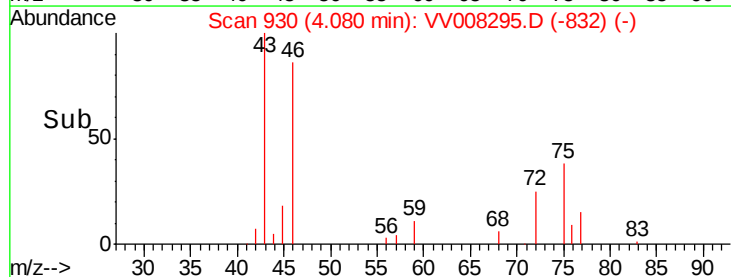
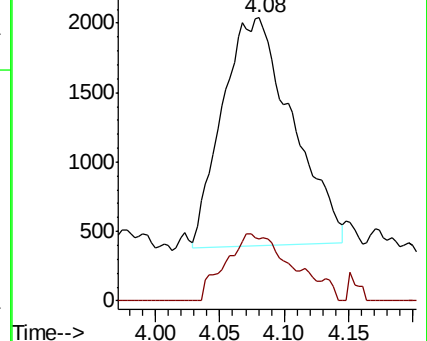
43 100

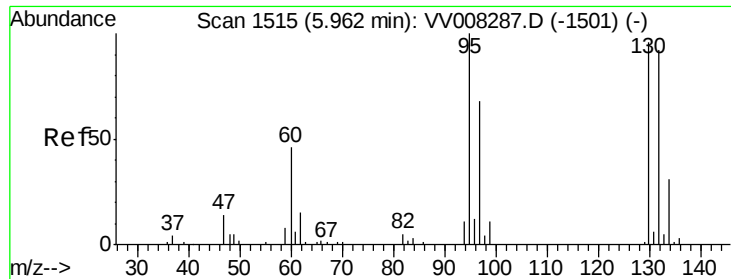
72 28.3 12.9 38.7



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#34

Trichloroethene

Concen: 0.128 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

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Instrument :

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C0AK0

Tot Ion: 95 Resp: 1072

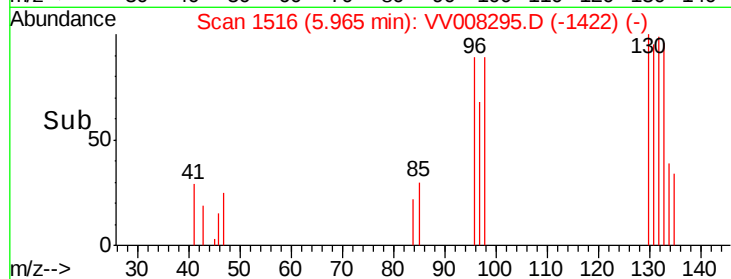
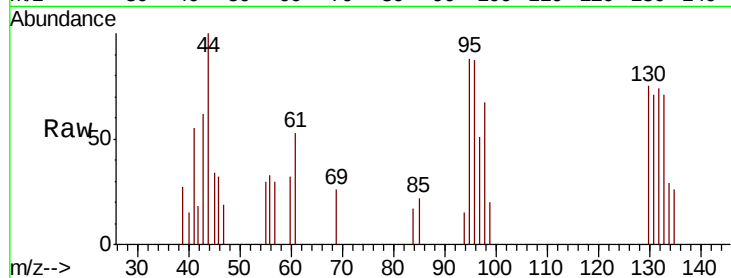
Ion Ratio Lower Upper

95 100

97 58.1 44.4 82.4

132 84.4 60.4 112.2

130 85.4 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

