

Data File : VU031391.D
Acq On : 22 Apr 2019 14:08
Operator : JC/SP
Sample : K2403-22RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5133

Quant Time: Apr 23 01:03:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	672816	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	609454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	263068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170639	27.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.08%#
7) Chloroethane-d5	1.68	69	149827	27.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.70%#
11) 1,1-Dichloroethene-d2	2.27	63	252306	20.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.10%#
21) 2-Butanone-d5	4.19	46	390058	86.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.43%
24) Chloroform-d	4.64	84	320341	30.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.98%#
26) 1,2-Dichloroethane-d4	5.31	65	197178	30.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.94%#
32) Benzene-d6	5.34	84	667882	34.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.32%#
36) 1,2-Dichloropropane-d6	6.33	67	226657	36.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.50%
41) Toluene-d8	7.56	98	573720	33.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.68%#
43) trans-1,3-Dichloropropene-	7.85	79	95098	31.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.64%
47) 2-Hexanone-d5	8.31	63	270417	91.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	337095	38.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	209336	34.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.40%#

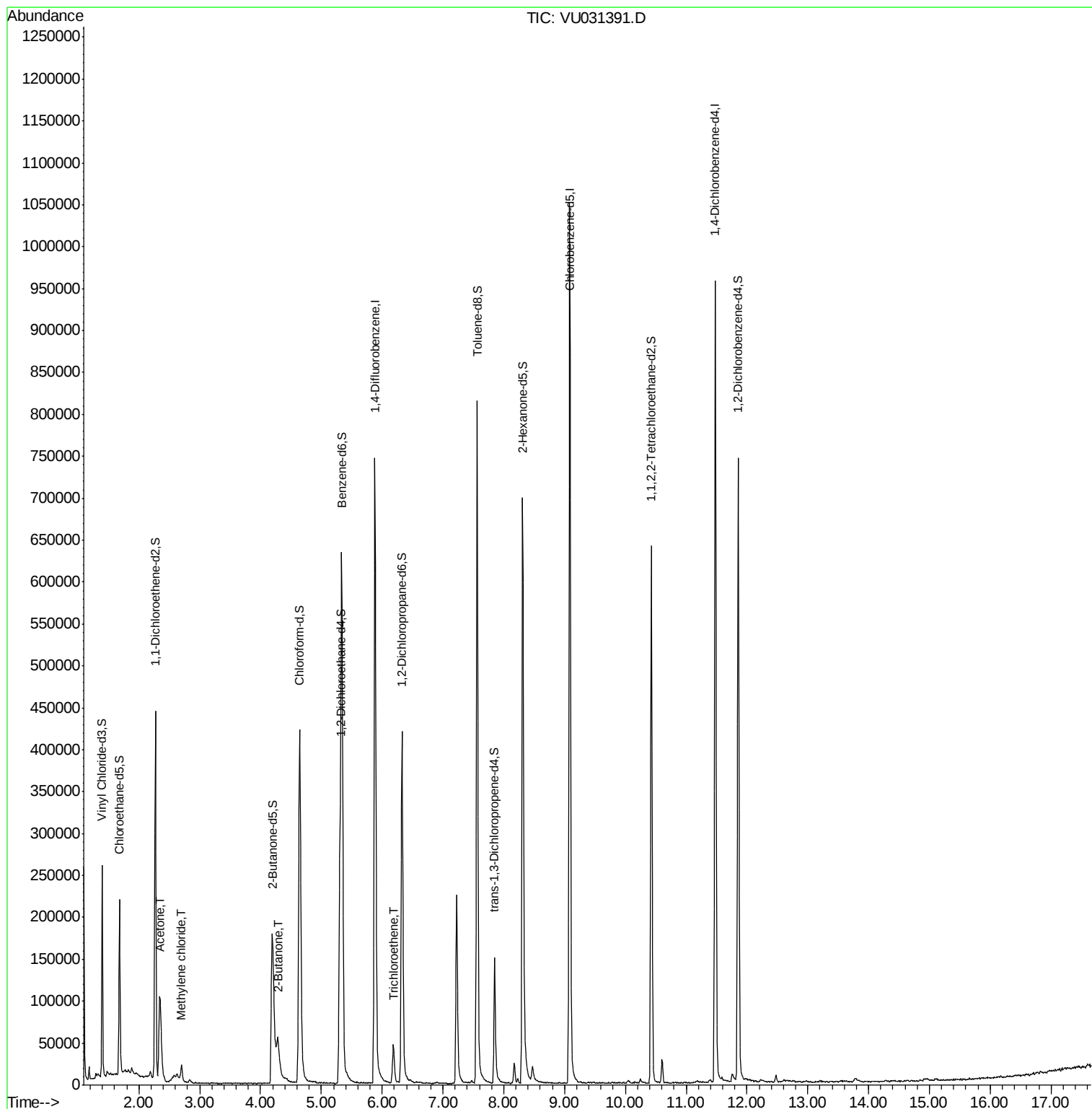
Target Compounds						Qvalue
13) Acetone	2.35	43	181268	52.195	ug/L	97
16) Methylene chloride	2.70	84	8432	1.643	ug/L	79
22) 2-Butanone	4.29	43	95950	20.160	ug/L	81
34) Trichloroethene	6.19	95	15225	2.968	ug/L	90

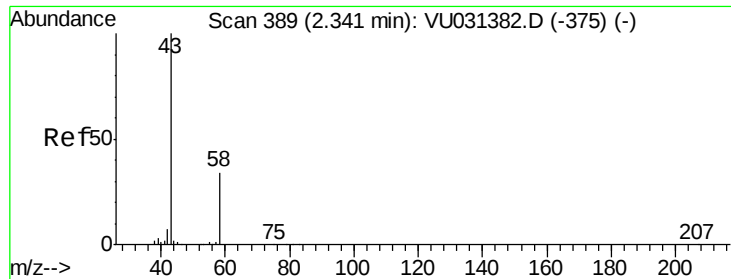
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 52.195 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

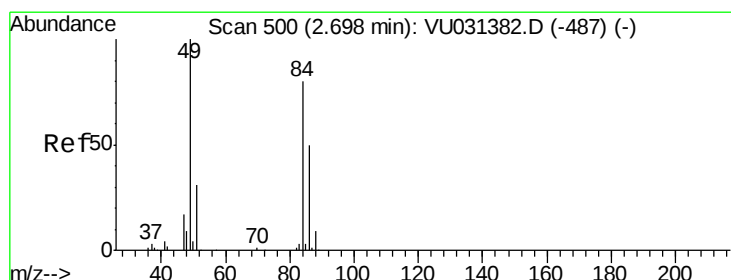
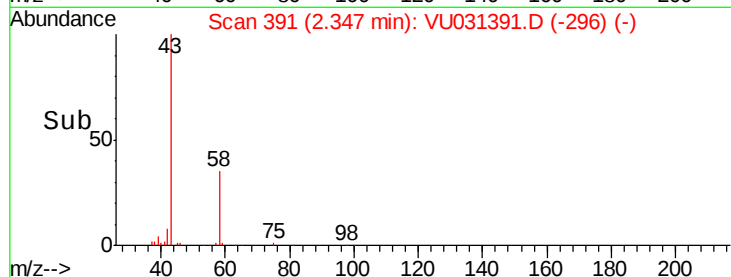
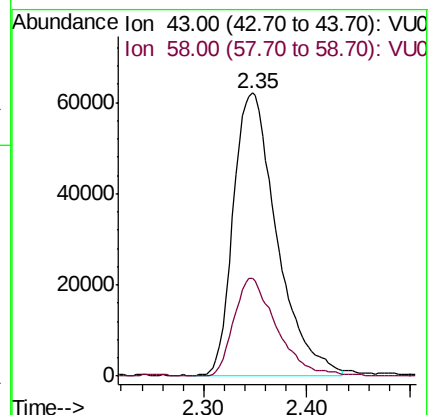
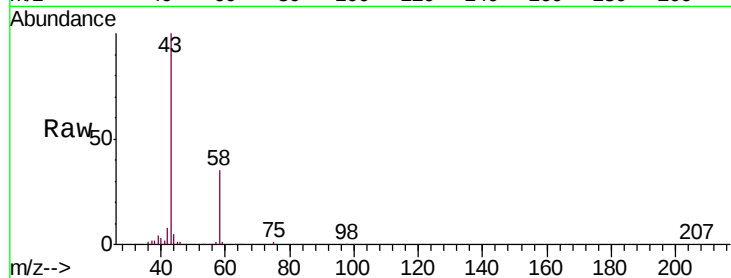
A5133

Tgt Ion: 43 Resp: 181268

Ion Ratio Lower Upper

43 100

58 34.2 0.0 65.0



#16

Methylene chloride

Concen: 1.643 ug/L

RT: 2.70 min Scan# 502

Delta R.T. 0.01 min

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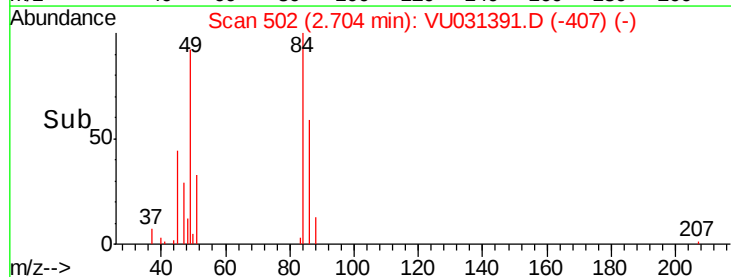
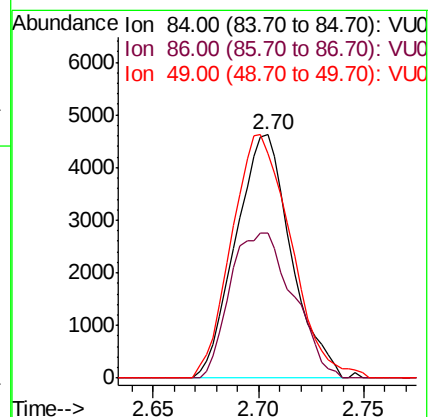
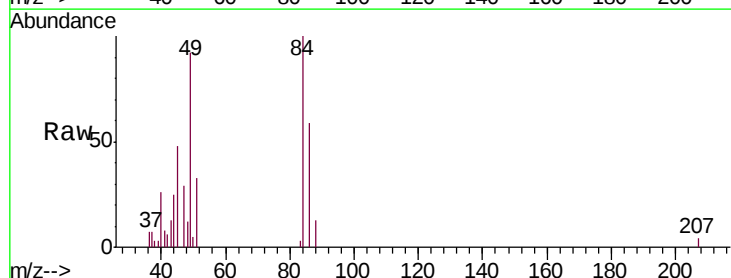
Tgt Ion: 84 Resp: 8432

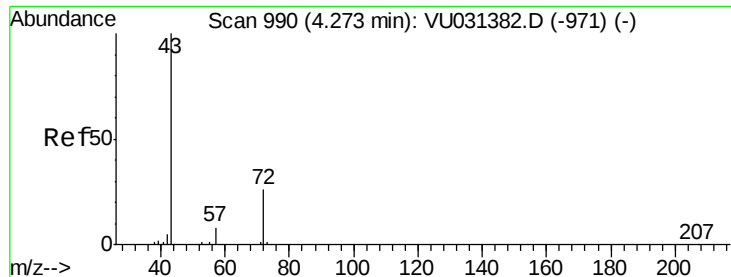
Ion Ratio Lower Upper

84 100

86 59.4 44.0 81.8

49 92.3 88.0 163.4





#22

2-Butanone

Concen: 20.160 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

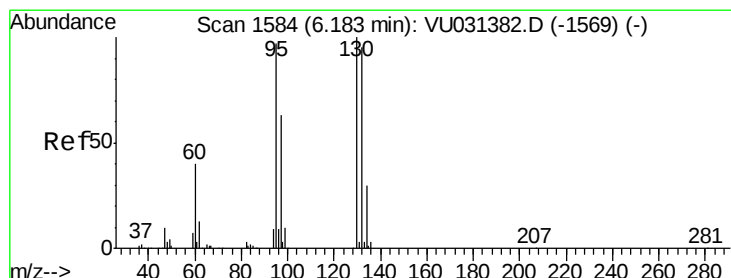
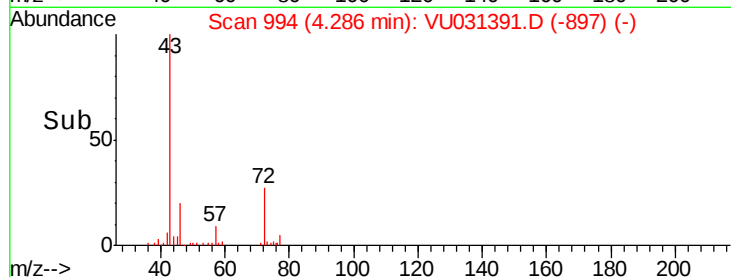
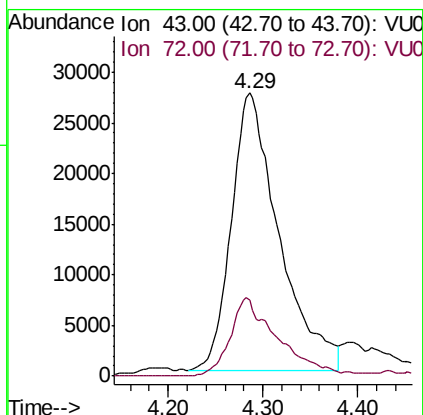
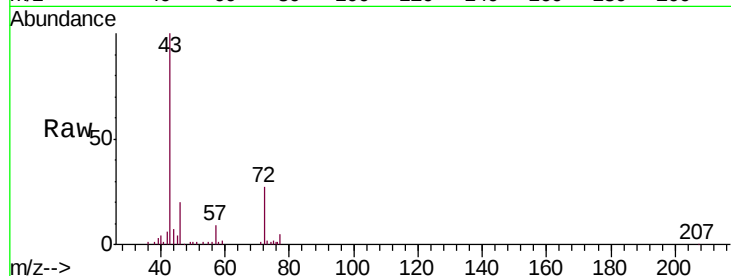
A5133

Tgt Ion: 43 Resp: 95950

Ion Ratio Lower Upper

43 100

72 15.5 12.6 37.8



#34

Trichloroethene

Concen: 2.968 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 15225

Ion Ratio Lower Upper

95 100

97 71.1 43.6 81.0

132 103.3 64.5 119.7

130 105.4 68.0 126.2

