

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082718\
 Data File : VV007214.D
 Acq On : 27 Aug 2018 16:33
 Operator : SY/MD
 Sample : J4624-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E4442

Quant Time: Aug 28 02:05:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 28 01:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	436070	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	416277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	170578	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120704	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	97045	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.13	63	157629	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	3.96	46	262881	37.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.20%
24) Chloroform-d	4.40	84	233436	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.09	65	108971	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
32) Benzene-d6	5.10	84	466300	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.12	67	143415	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.20%
41) Toluene-d8	7.36	98	351481	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	7.67	79	47914	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.15	63	88726	22.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	44.92%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95260	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	131324	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

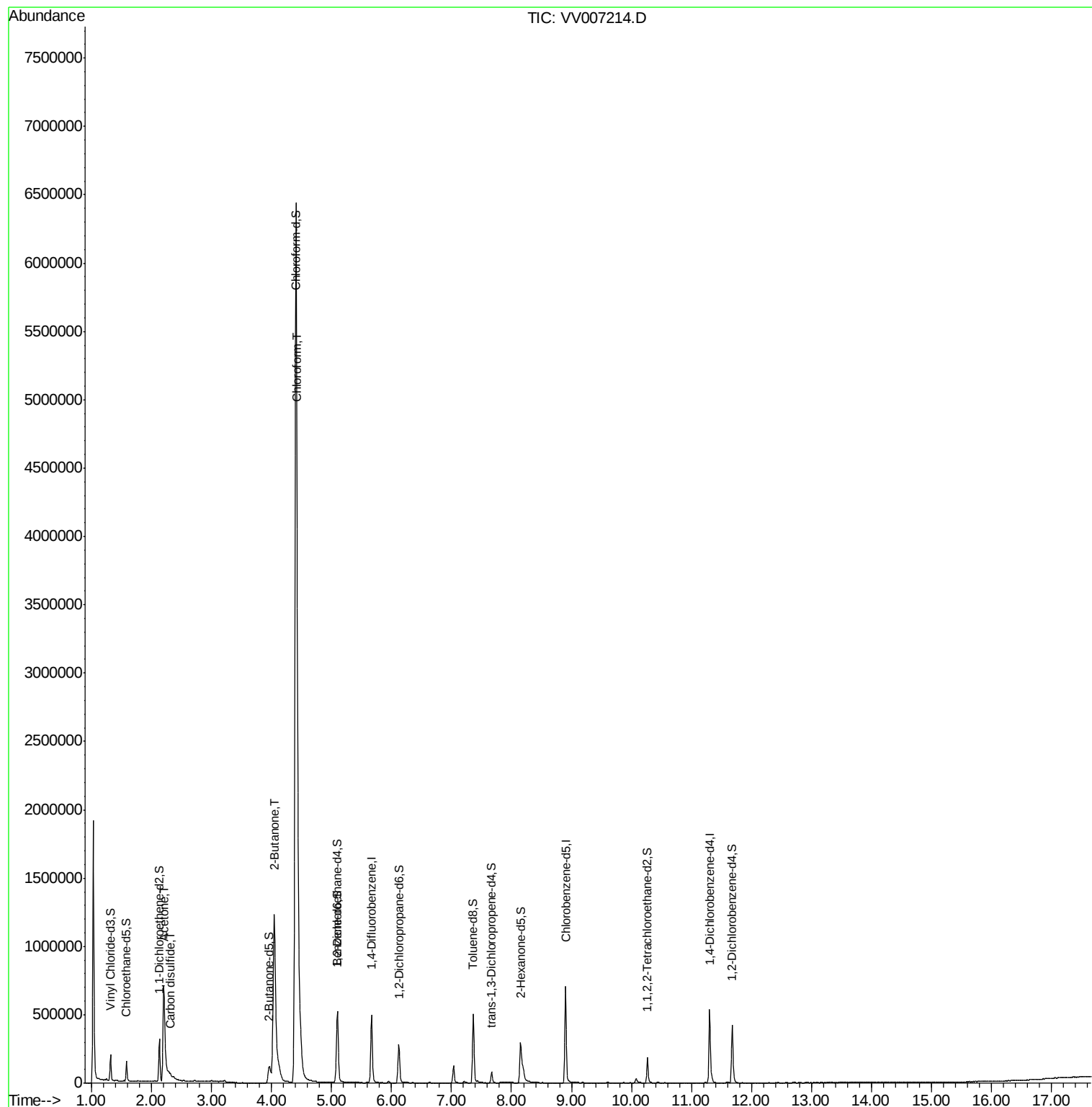
Target Compounds					Ovalue
13) Acetone	2.21	43	1187630	291.58	ug/L 91
14) Carbon disulfide	2.32	76	34076	0.39	ug/L 97
21) 2-Butanone	4.04	43	2565725	305.96	ug/L 90
25) Chloroform	4.43	83	171065	2.61	ug/L 100

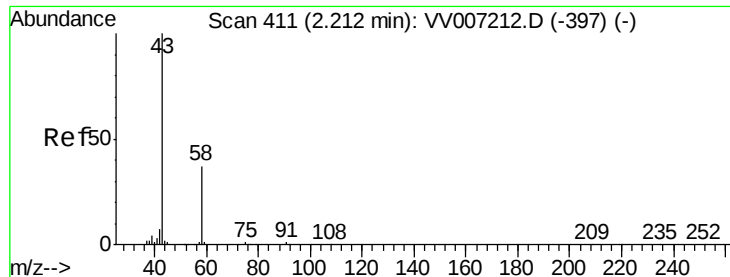
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 291.58 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

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Acq: 27 Aug 2018 16:33

Instrument :

MSVOA_V

ClientSampleId :

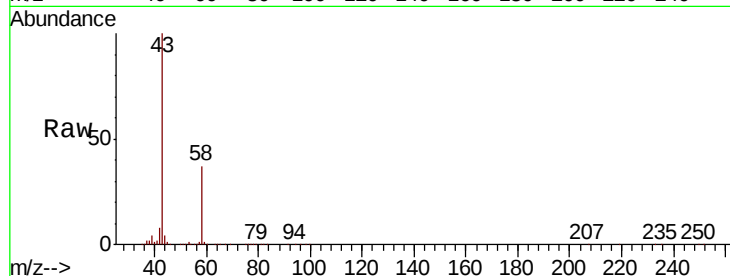
E4442

Tot Ion: 43 Resp: 1187630

Ion Ratio Lower Upper

43 100

58 35.8 0.0 82.2



Abundance Ion 43.05 (42.75 to 43.75): VV007212.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007212.D (-397) (-)

2.21

400000

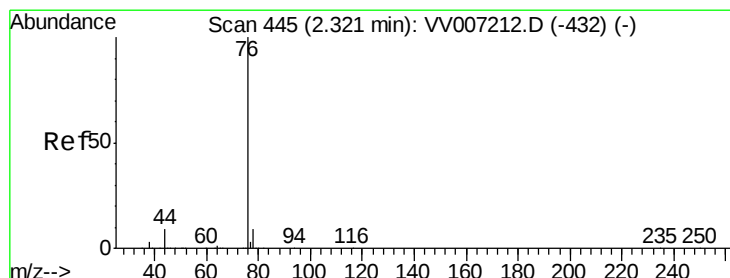
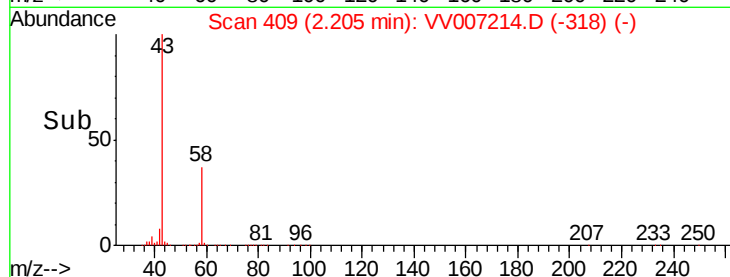
300000

200000

100000

0

Time-->



#14

Carbon disulfide

Concen: 0.39 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV007214.D

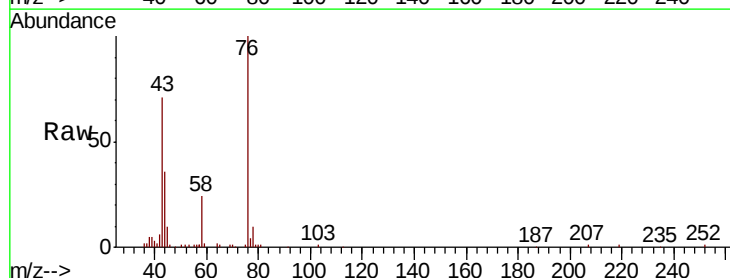
Acq: 27 Aug 2018 16:33

Tgt Ion: 76 Resp: 34076

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV007212.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV007212.D (-432) (-)

2.32

25000

20000

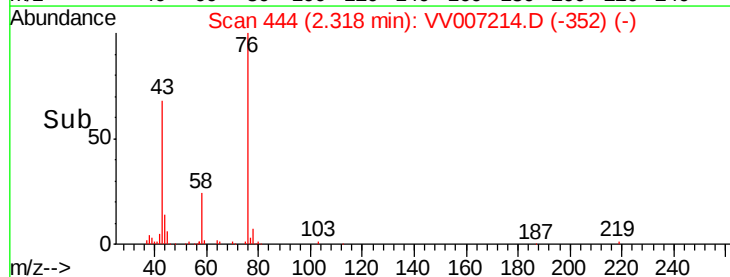
15000

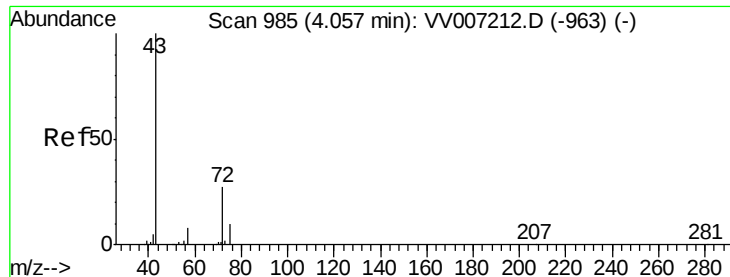
10000

5000

0

Time-->





#21

2-Butanone

Concen: 305.96 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.01 min

Lab File: VV007214.D

Acq: 27 Aug 2018 16:33

Instrument :

MSVOA_V

ClientSampleId :

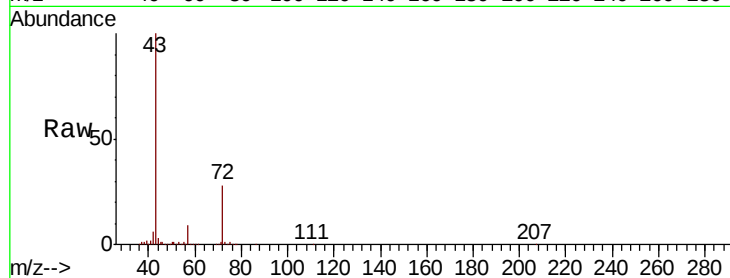
E4442

Tot Ion: 43 Resp: 2565725

Ion Ratio Lower Upper

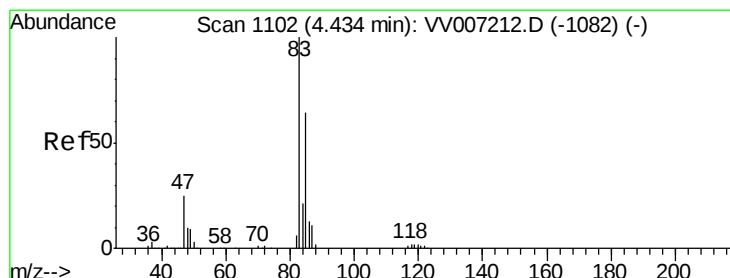
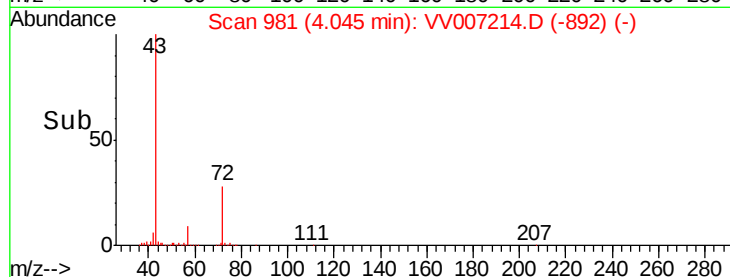
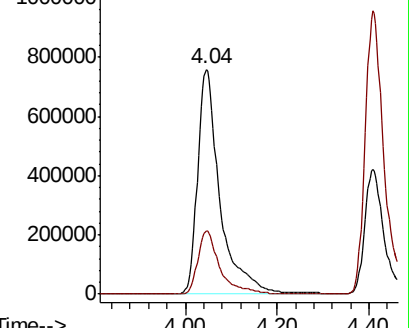
43 100

72 27.8 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VV007212.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VV007212.D (-963) (-)



#25

Chloroform

Concen: 2.61 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007214.D

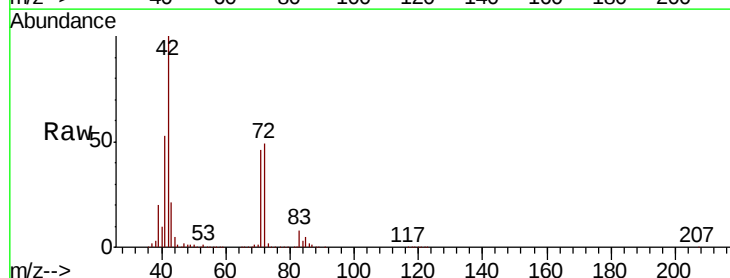
Acq: 27 Aug 2018 16:33

Tgt Ion: 83 Resp: 171065

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV007212.D (-1082) (-)

Ion 85.00 (84.70 to 85.70): VV007212.D (-1082) (-)

