

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007422.D
 Acq On : 06 Sep 2018 16:11
 Operator : SY/MD
 Sample : J4719-01
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 07 01:33:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	540916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	536155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	201384	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145841	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.50%
7) Chloroethane-d5	1.56	69	123104	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.13	63	207441	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	3.96	46	211074	67.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.16%
24) Chloroform-d	4.41	84	327435	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.94%
26) 1,2-Dichloroethane-d4	5.09	65	207082	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
32) Benzene-d6	5.10	84	649661	40.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.12	67	223208	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.44%
41) Toluene-d8	7.36	98	528920	38.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.04%#
43) trans-1,3-Dichloropropene-	7.67	79	89512	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
47) 2-Hexanone-d5	8.14	63	151308	71.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	305094	41.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	199922	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%

Target Compounds

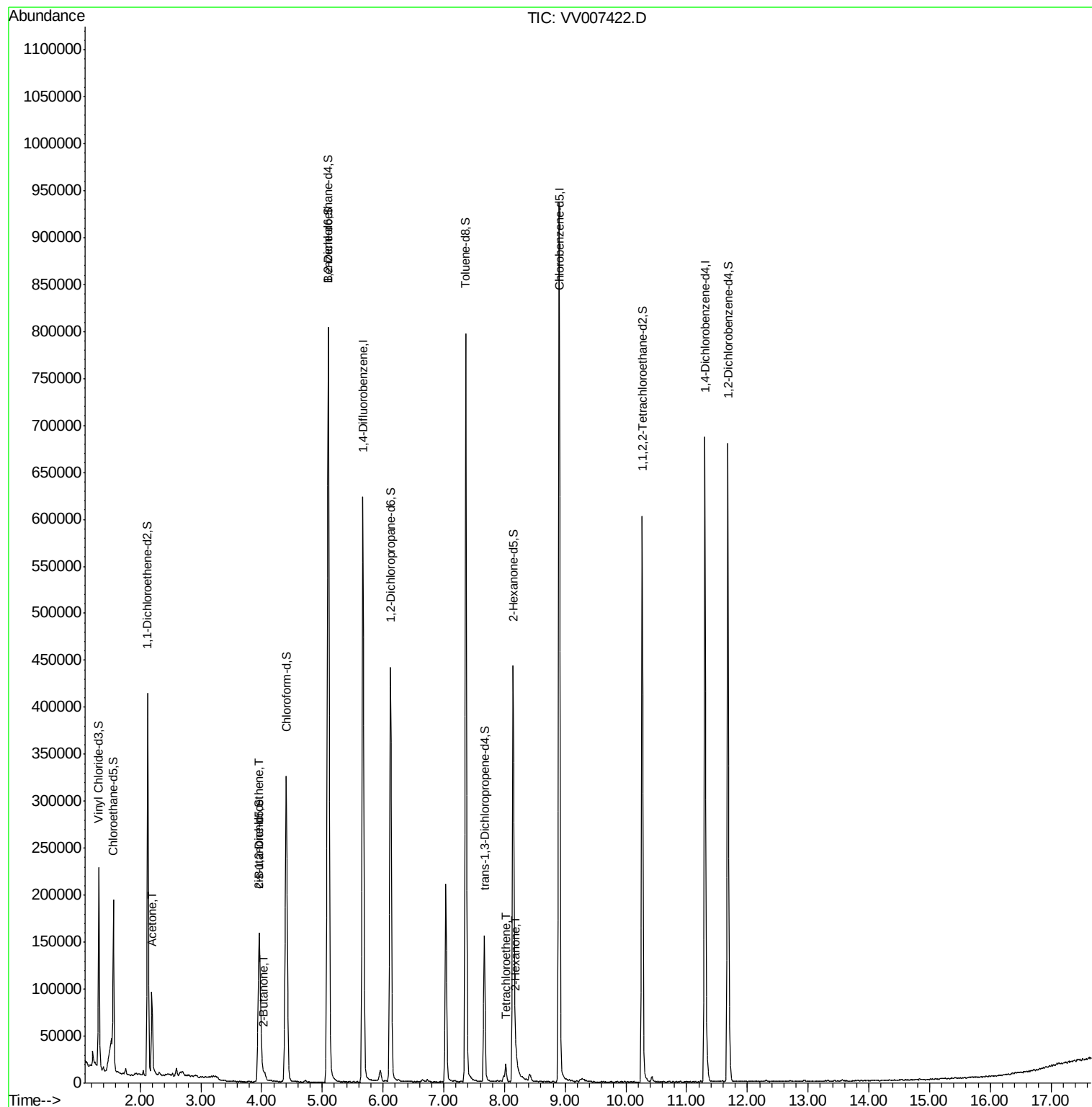
					Ovalue
13) Acetone	2.20	43	80804	43.177 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	7195	1.675 ug/L	89
22) 2-Butanone	4.05	43	6968	2.223 ug/L	77
46) Tetrachloroethene	8.02	164	4334	1.287 ug/L	96
48) 2-Hexanone	8.19	43	5847	1.377 ug/L #	86

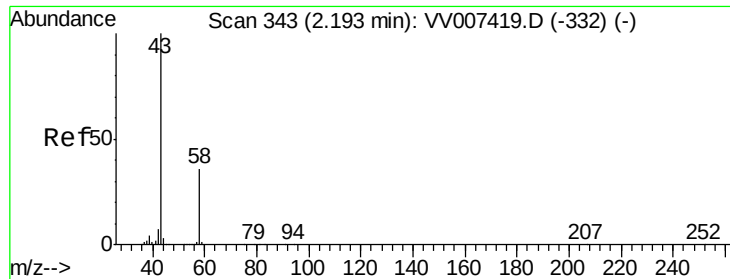
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 43.177 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007422.D

Acq: 06 Sep 2018 16:11

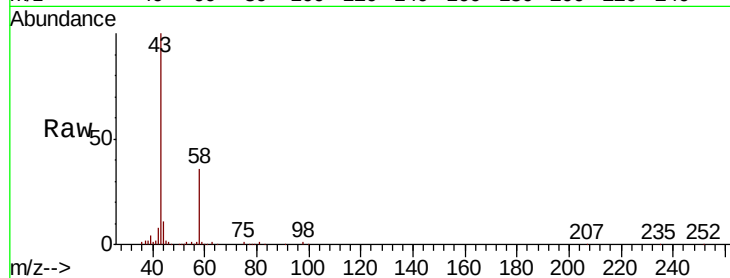
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 80804

Ion Ratio Lower Upper

43 100

58 36.4 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007419.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007419.D (-332) (-)

2.20

60000

50000

40000

30000

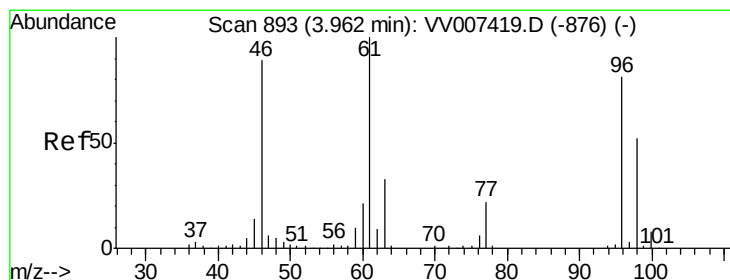
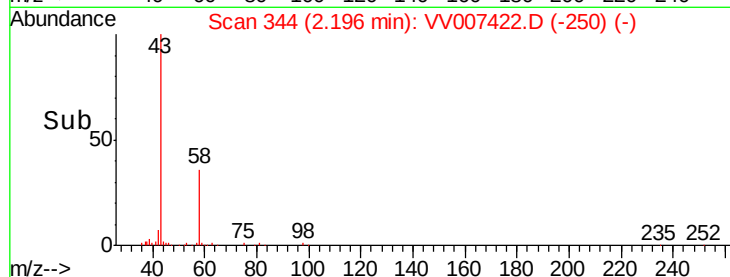
20000

10000

0

2.15 2.20 2.25

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.675 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV007422.D

Acq: 06 Sep 2018 16:11

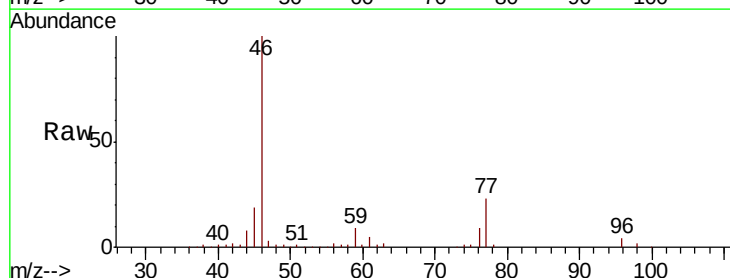
Tgt Ion: 96 Resp: 7195

Ion Ratio Lower Upper

96 100

61 112.1 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007419.D (-876) (-)

Ion 61.00 (60.70 to 61.70): VV007419.D (-876) (-)

Ion 68.00 (67.70 to 68.70): VV007419.D (-876) (-)

3.96

5000

4000

3000

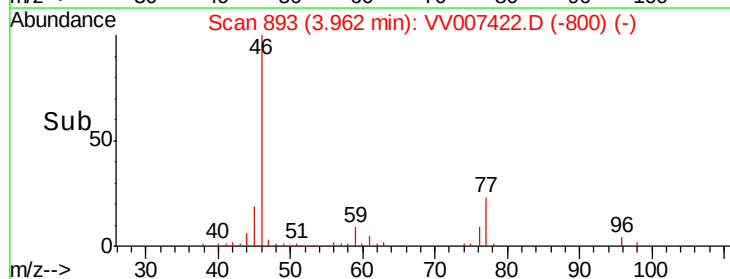
2000

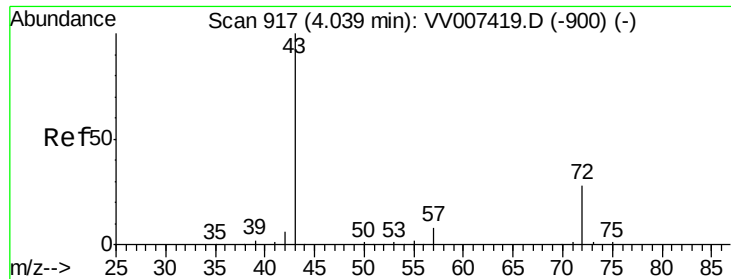
1000

0

3.90 3.95 4.00

Time-->





#22

2-Butanone

Concen: 2.223 ug/L

RT: 4.05 min Scan# 919

Delta R.T. 0.01 min

Lab File: VV007422.D

Acq: 06 Sep 2018 16:11

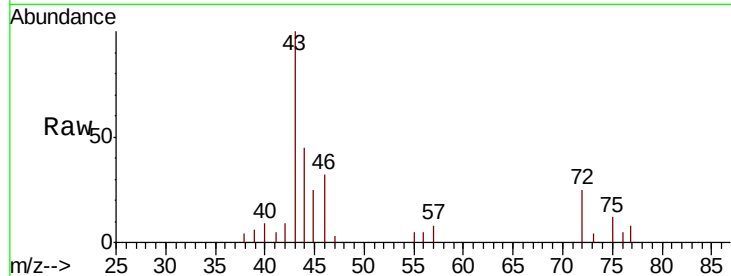
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6968

Ion Ratio Lower Upper

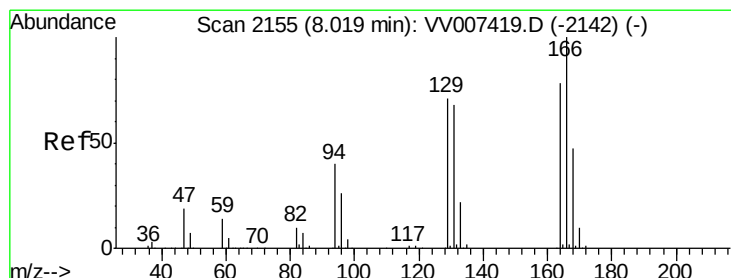
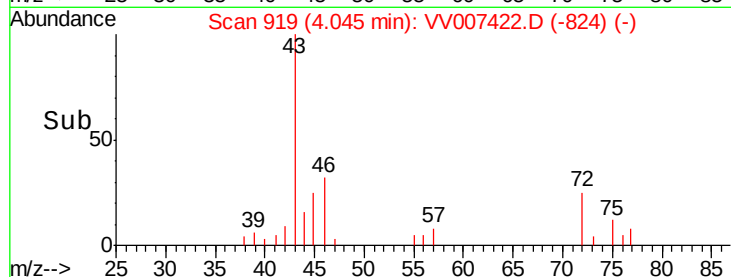
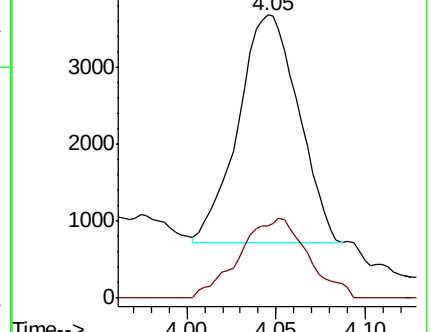
43 100

72 39.6 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV007419.D (-900) (-)

Ion 72.00 (71.70 to 72.70): VV007419.D (-900) (-)



#46

Tetrachloroethene

Concen: 1.287 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007422.D

Acq: 06 Sep 2018 16:11

Tgt Ion: 164 Resp: 4334

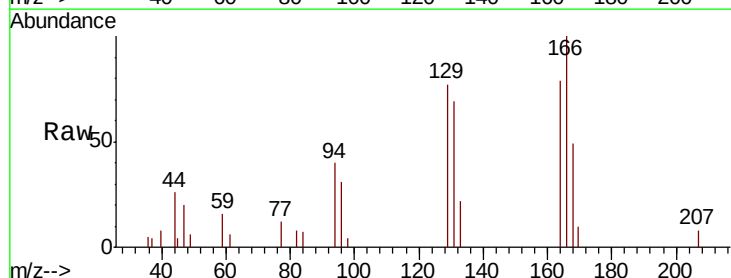
Ion Ratio Lower Upper

164 100

129 97.4 63.9 118.7

131 87.4 62.6 116.2

166 126.1 91.6 170.2

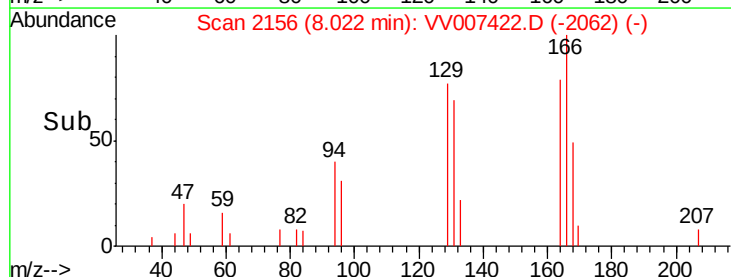
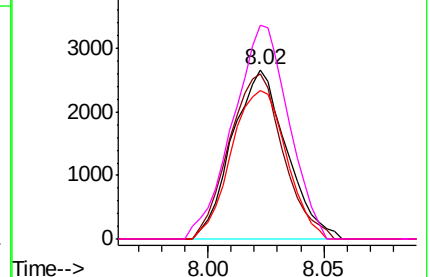


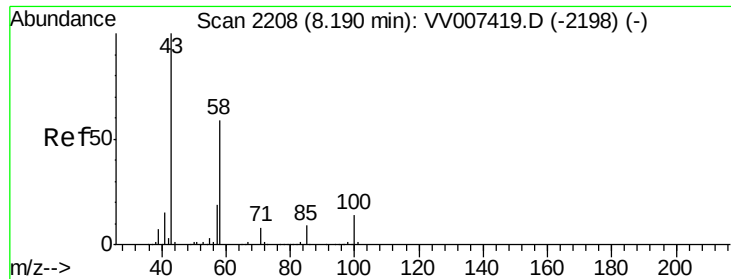
Abundance Ion 164.00 (163.70 to 164.70): VV007419.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV007419.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV007419.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV007419.D (-2142) (-)





#48
 2-Hexanone
 Concen: 1.377 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VV007422.D
 Acq: 06 Sep 2018 16:11

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5847
 Ion Ratio Lower Upper
 43 100
 58 65.4 48.6 72.8
 57 0.0 16.2 24.2#
 100 11.2 11.1 16.7

