

Data File : VV009029.D
Acq On : 18 Dec 2018 23:14
Operator : SY/MD
Sample : J6418-18
Misc : 4.74G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZZ8

Quant Time: Dec 19 07:24:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252370	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223145	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61027	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
7) Chloroethane-d5	1.58	69	61097	31.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.68%
10) 1,1-Dichloroethene-d2	2.13	63	118463	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	3.94	46	30770	32.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.72%
24) Chloroform-d	4.40	84	166734	27.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.92%
26) 1,2-Dichloroethane-d4	5.08	65	100662	30.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.60%
29) Benzene-d6	5.10	84	329701	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	6.12	67	101080	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.88%
37) Toluene-d8	7.36	98	287560	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.72%
38) trans-1,3-Dichloropropene-	7.66	79	36141	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.32%
39) 2-Hexanone-d5	8.14	63	15810	24.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69348	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	81410	26.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.60%

Target Compounds

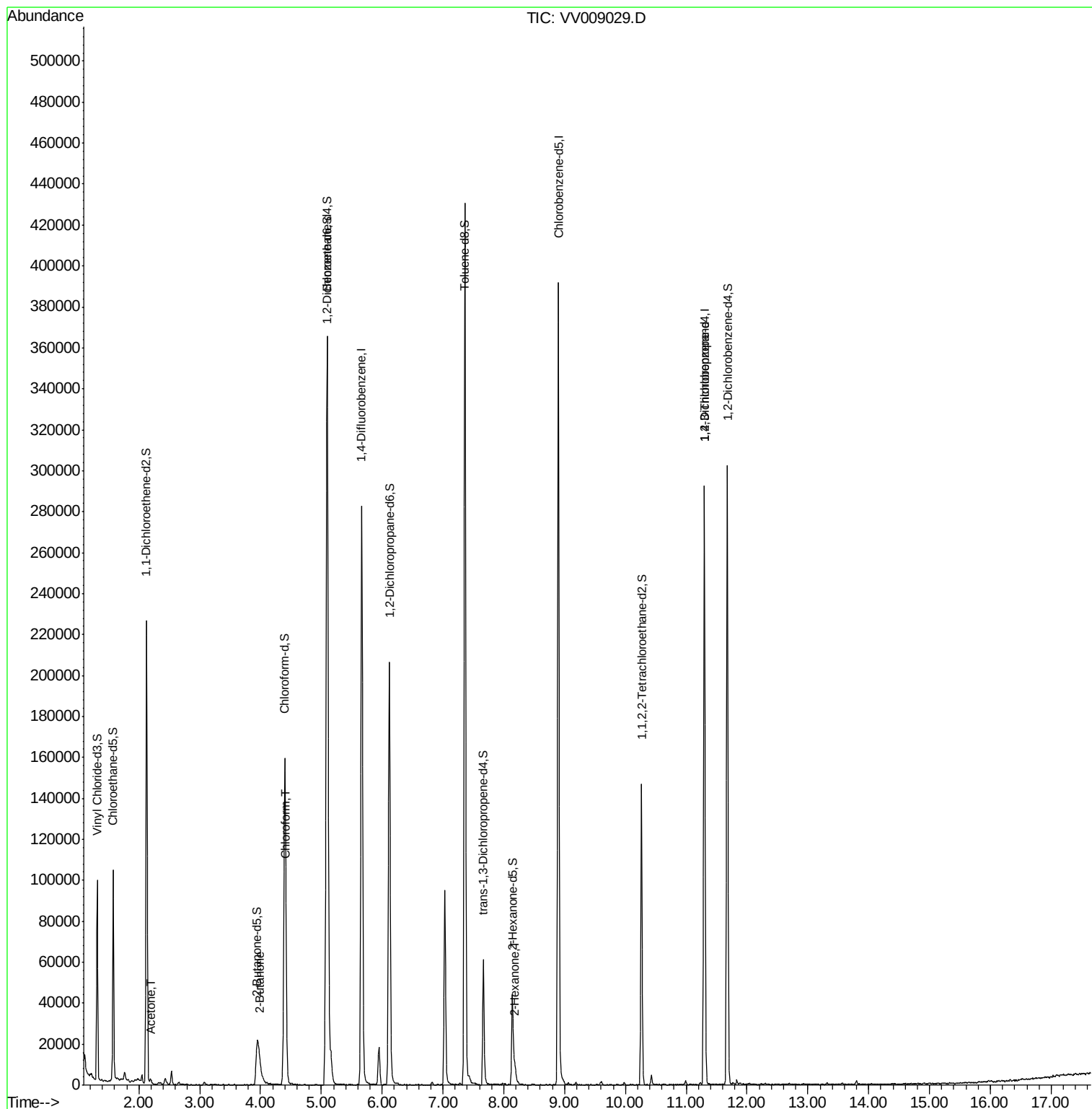
					Qvalue
13) Acetone	2.20	43	1814	1.295 ug/L	80
21) 2-Butanone	4.00	43	1903	1.449 ug/L #	52
25) Chloroform	4.43	83	4118	0.673 ug/L #	60
49) 2-Hexanone	8.18	43	4462	2.487 ug/L #	58
59) 1,2,3-Trichloropropane	11.30	75	9040	3.615 ug/L	95

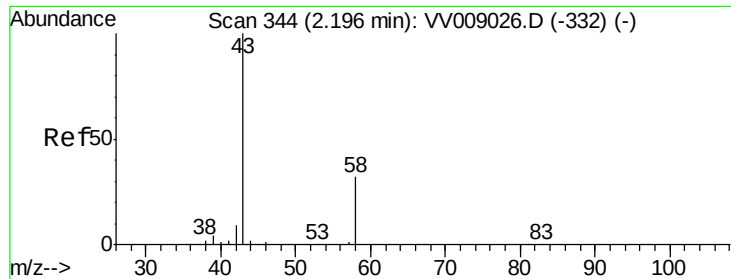
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.295 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009029.D

Acq: 18 Dec 2018 23:14

Instrument :

MSVOA_V

ClientSampled :

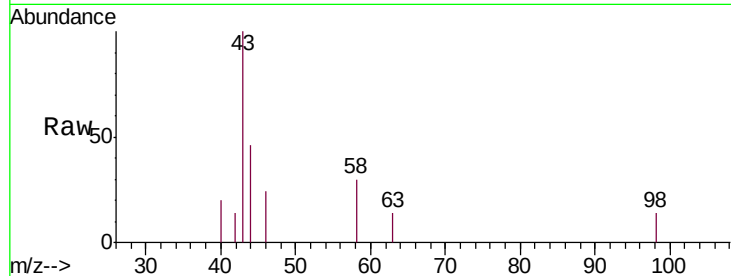
BEZZ8

Tgt Ion: 43 Resp: 1814

Ion Ratio Lower Upper

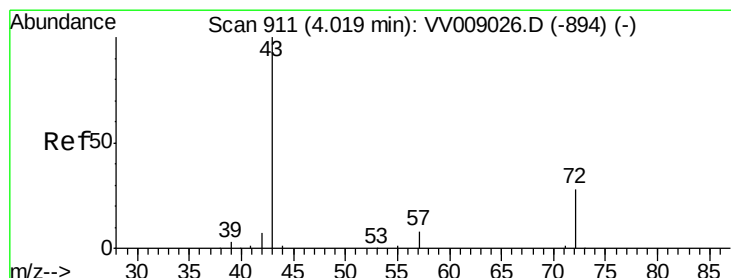
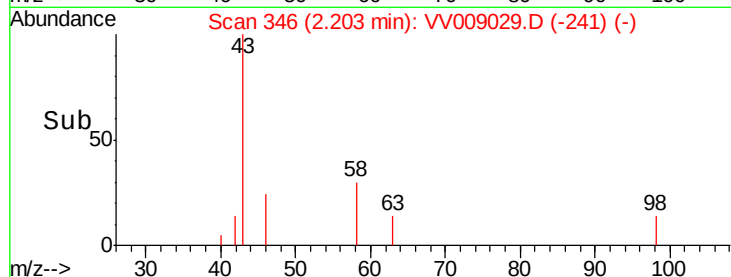
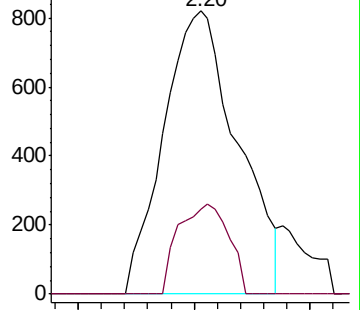
43 100

58 21.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009026.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009026.D (-332) (-)



#21

2-Butanone

Concen: 1.449 ug/L

RT: 4.00 min Scan# 904

Delta R.T. -0.02 min

Lab File: VV009029.D

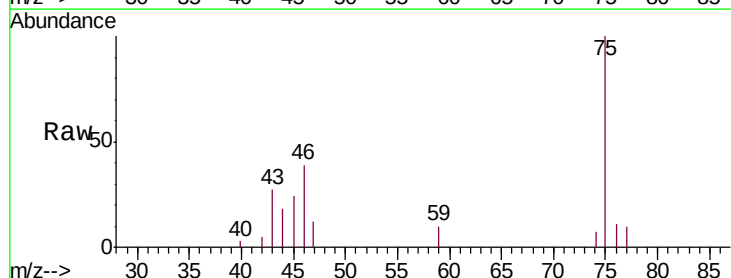
Acq: 18 Dec 2018 23:14

Tgt Ion: 43 Resp: 1903

Ion Ratio Lower Upper

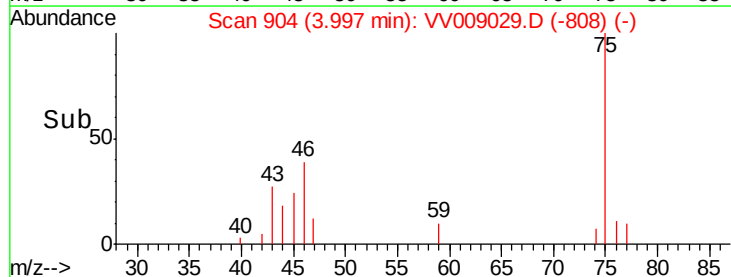
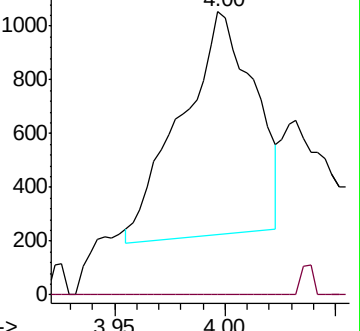
43 100

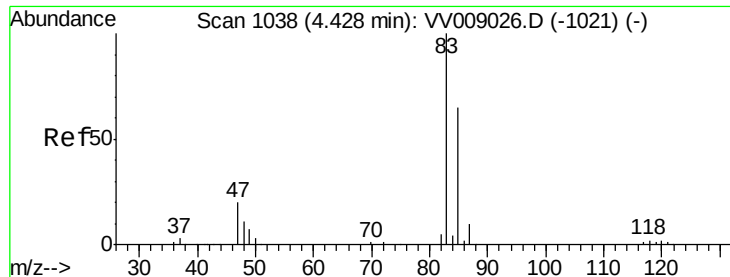
72 2.2 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VV009029.D (-808) (-)

Ion 72.00 (71.70 to 72.70): VV009029.D (-808) (-)





#25

Chloroform

Concen: 0.673 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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Acq: 18 Dec 2018 23:14

Instrument :

MSVOA_V

ClientSampleId :

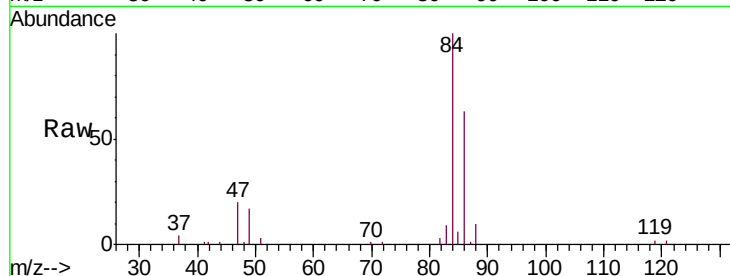
BEZZ8

Tgt Ion: 83 Resp: 4118

Ion Ratio Lower Upper

83 100

85 33.3 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV009026.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV009026.D (-1021) (-)

4.43

1500

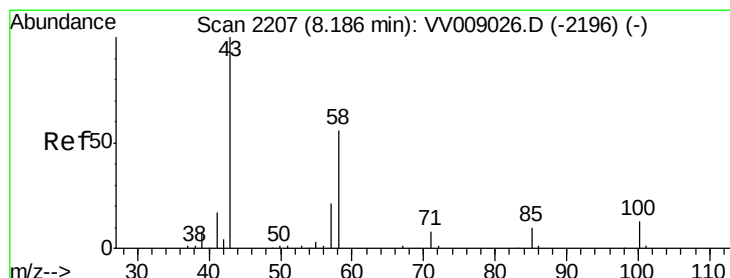
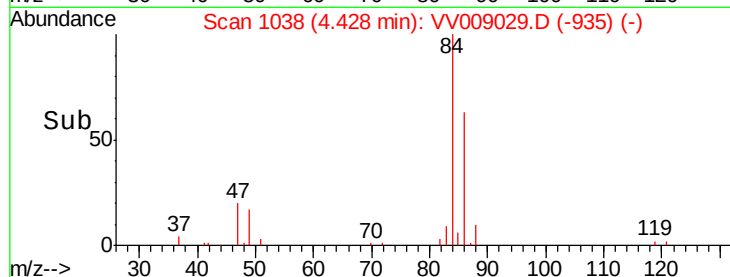
1000

500

0

4.35 4.40 4.45

Time-->



#49

2-Hexanone

Concen: 2.487 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV009029.D

Acq: 18 Dec 2018 23:14

Tgt Ion: 43 Resp: 4462

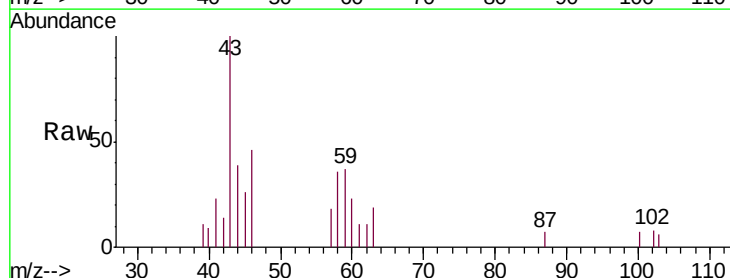
Ion Ratio Lower Upper

43 100

58 19.8 43.9 65.9#

57 3.4 15.7 23.5#

100 2.8 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV009026.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV009026.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV009026.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV009026.D (-2196) (-)

8.18

3000

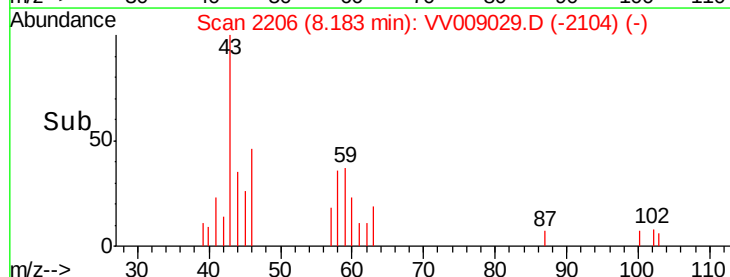
2000

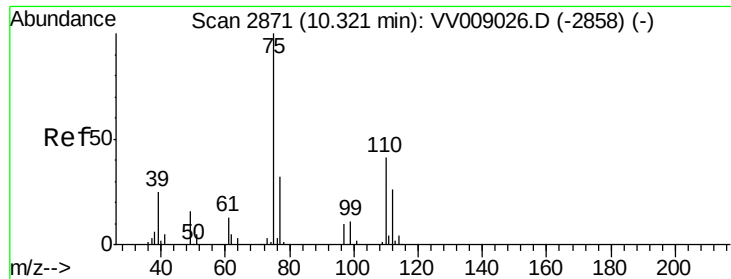
1000

0

8.15 8.20 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 3.615 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009029.D

Acq: 18 Dec 2018 23:14

Instrument :

MSVOA_V

ClientSampleId :

BEZZ8

Tgt Ion: 75 Resp: 9040

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4

