

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
 Data File : VV009203.D
 Acq On : 08 Jan 2019 19:41
 Operator : SY/MD
 Sample : VIBLK81
 Misc : 5.00 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK81

Quant Time: Jan 09 00:43:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 09 00:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213959	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94071	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53243	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.68%
7) Chloroethane-d5	1.58	69	42757	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	2.13	63	110622	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.68%
20) 2-Butanone-d5	3.96	46	51175	60.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.56%
24) Chloroform-d	4.40	84	124540	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	5.08	65	72923	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.72%
29) Benzene-d6	5.10	84	263072	26.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.76%
33) 1,2-Dichloropropane-d6	6.12	67	75286	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.72%
37) Toluene-d8	7.36	98	241698	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.68%
38) trans-1,3-Dichloropropene-	7.67	79	34801	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.44%
39) 2-Hexanone-d5	8.15	63	31050	59.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78096	28.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	92724	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

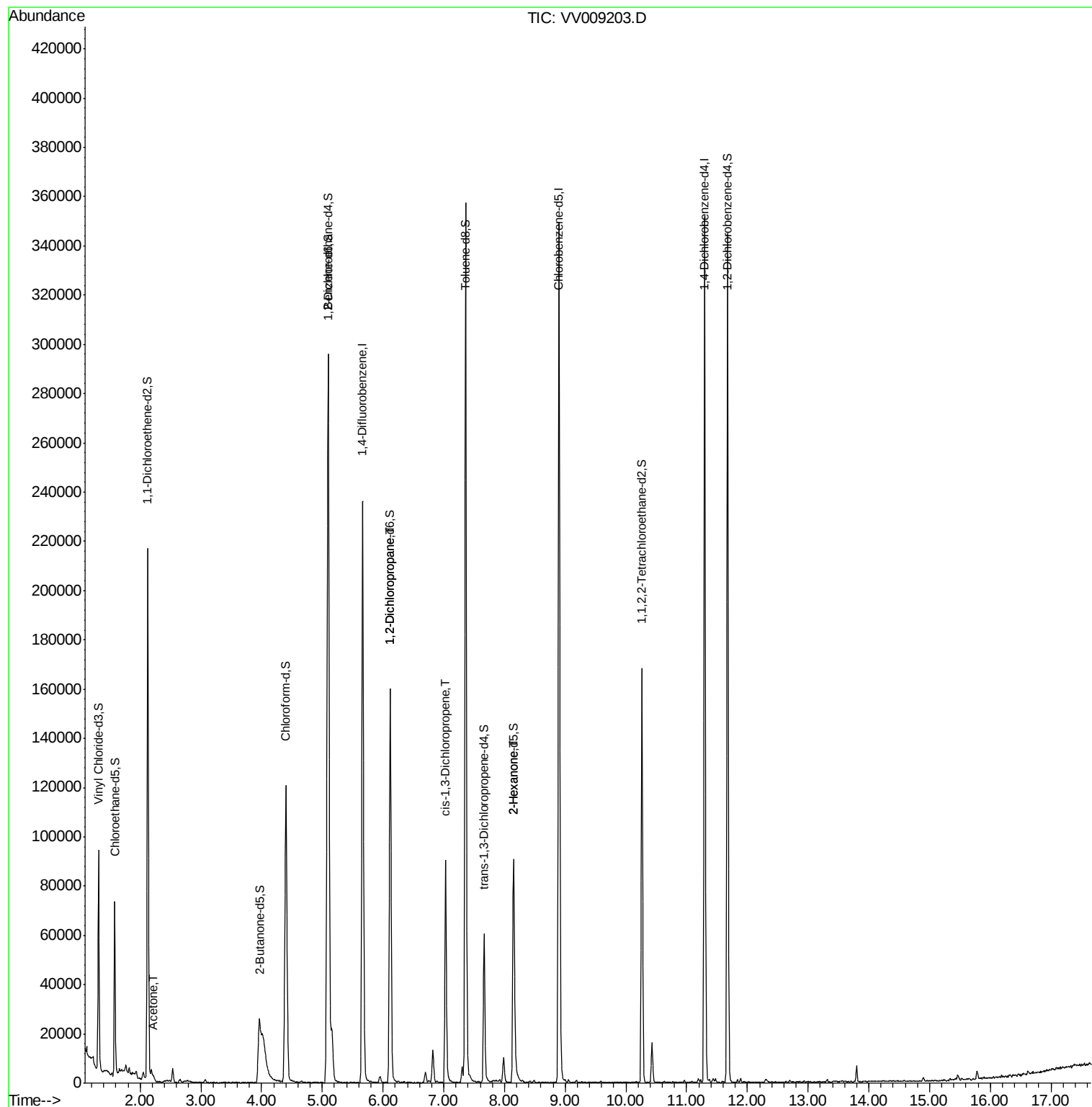
					Qvalue
13) Acetone	2.22	43	2963	2.339 ug/L	90
40) 1,2-Dichloropropane	6.12	63	8572	3.369 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2223	0.556 ug/L #	25
49) 2-Hexanone	8.15	43	4198	2.651 ug/L #	76

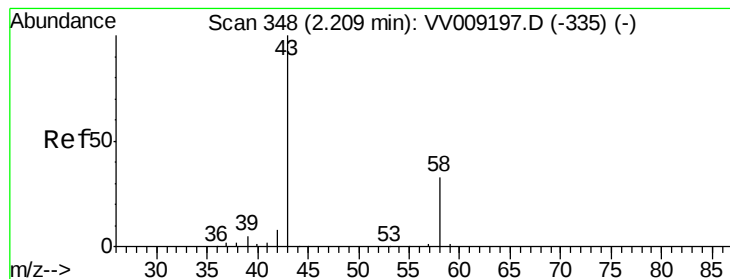
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.339 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV009203.D

Acq: 08 Jan 2019 19:41

Instrument :

MSVOA_V

ClientSampleId :

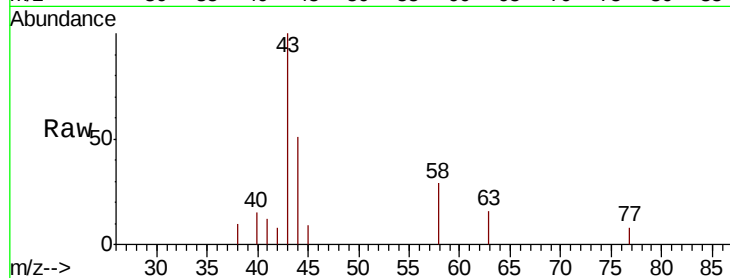
VIBLK81

Tgt Ion: 43 Resp: 2963

Ion Ratio Lower Upper

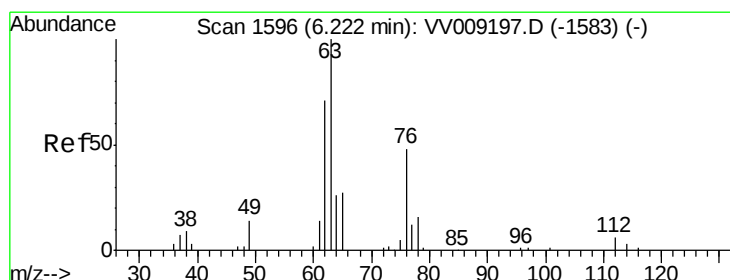
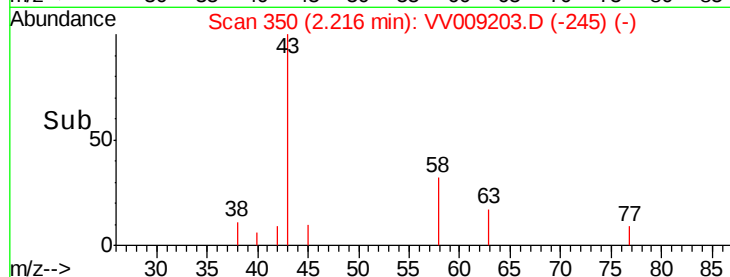
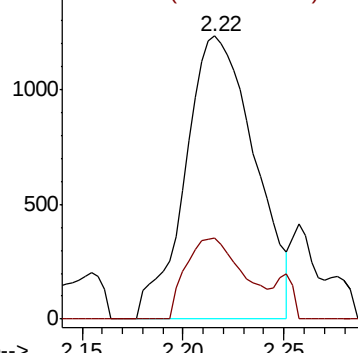
43 100

58 23.6 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009197.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009197.D (-335) (-)



#40

1,2-Dichloropropane

Concen: 3.369 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009203.D

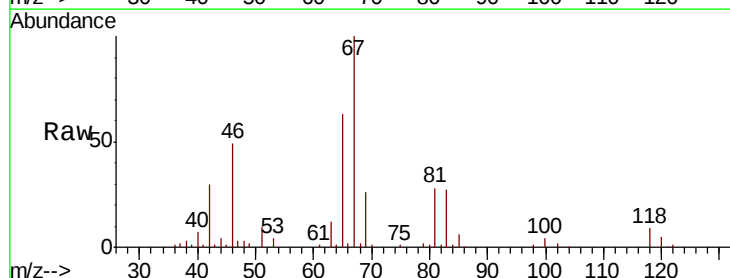
Acq: 08 Jan 2019 19:41

Tgt Ion: 63 Resp: 8572

Ion Ratio Lower Upper

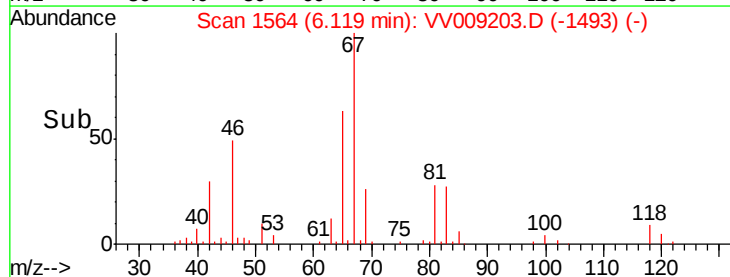
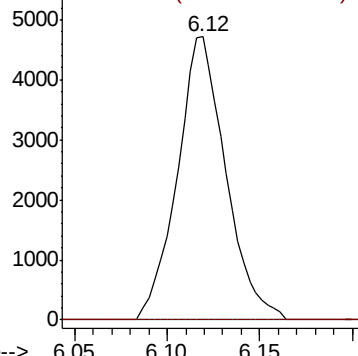
63 100

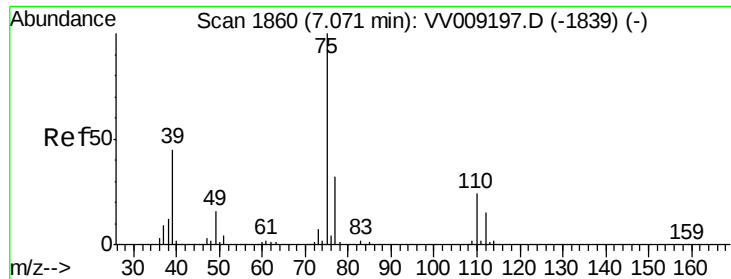
112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VV009197.D (-1583) (-)

Ion 112.00 (111.70 to 112.70): VV009197.D (-1583) (-)





#42

cis-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009203.D

Acq: 08 Jan 2019 19:41

Instrument :

MSVOA_V

ClientSampled :

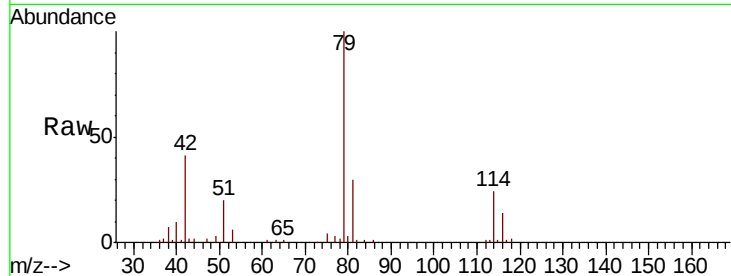
VIBLK81

Tgt Ion: 75 Resp: 2223

Ion Ratio Lower Upper

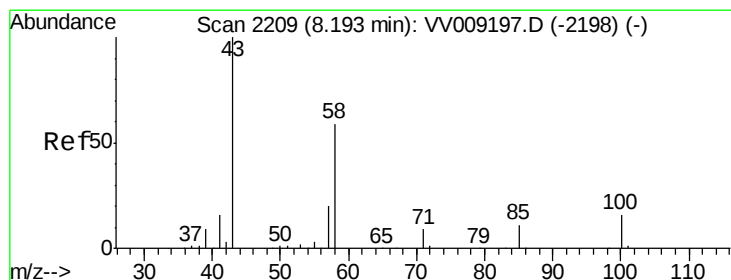
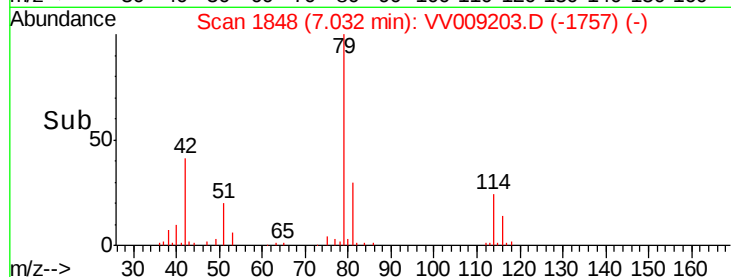
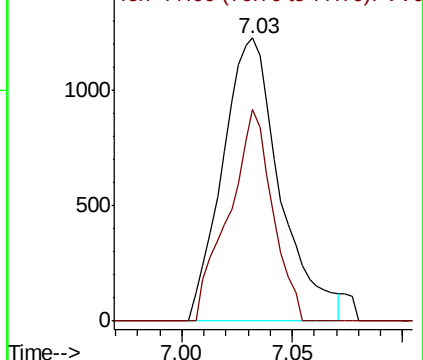
75 100

77 74.8 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#49

2-Hexanone

Concen: 2.651 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. -0.04 min

Lab File: VV009203.D

Acq: 08 Jan 2019 19:41

Tgt Ion: 43 Resp: 4198

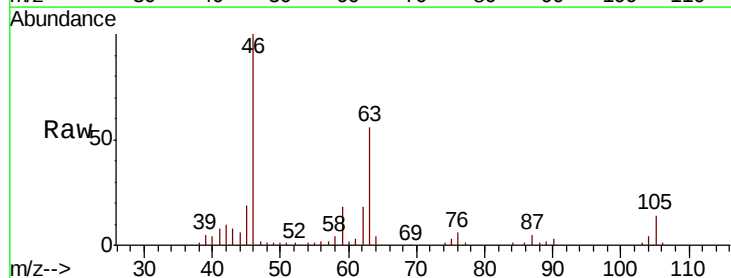
Ion Ratio Lower Upper

43 100

58 75.1 48.4 72.6#

57 31.6 15.6 23.4#

100 0.0 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

