

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013060.D
 Acq On : 08 Oct 2019 15:12
 Operator : SY/MD
 Sample : K5262-06
 Misc : 5.44G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB71

Quant Time: Oct 09 08:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	503039	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397560	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107386	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159737	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	1.58	69	146932	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.12%
10) 1,1-Dichloroethene-d2	2.13	63	212531	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	3.94	46	124739	46.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.58%
24) Chloroform-d	4.40	84	330221	23.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	205802	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	5.10	84	625857	28.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.80%
33) 1,2-Dichloropropane-d6	6.12	67	216726	31.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.60%#
37) Toluene-d8	7.36	98	467272	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.76%
38) trans-1,3-Dichloropropene-	7.66	79	70144	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	8.14	63	78743	56.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	177901	26.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	98584	23.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.52%

Target Compounds

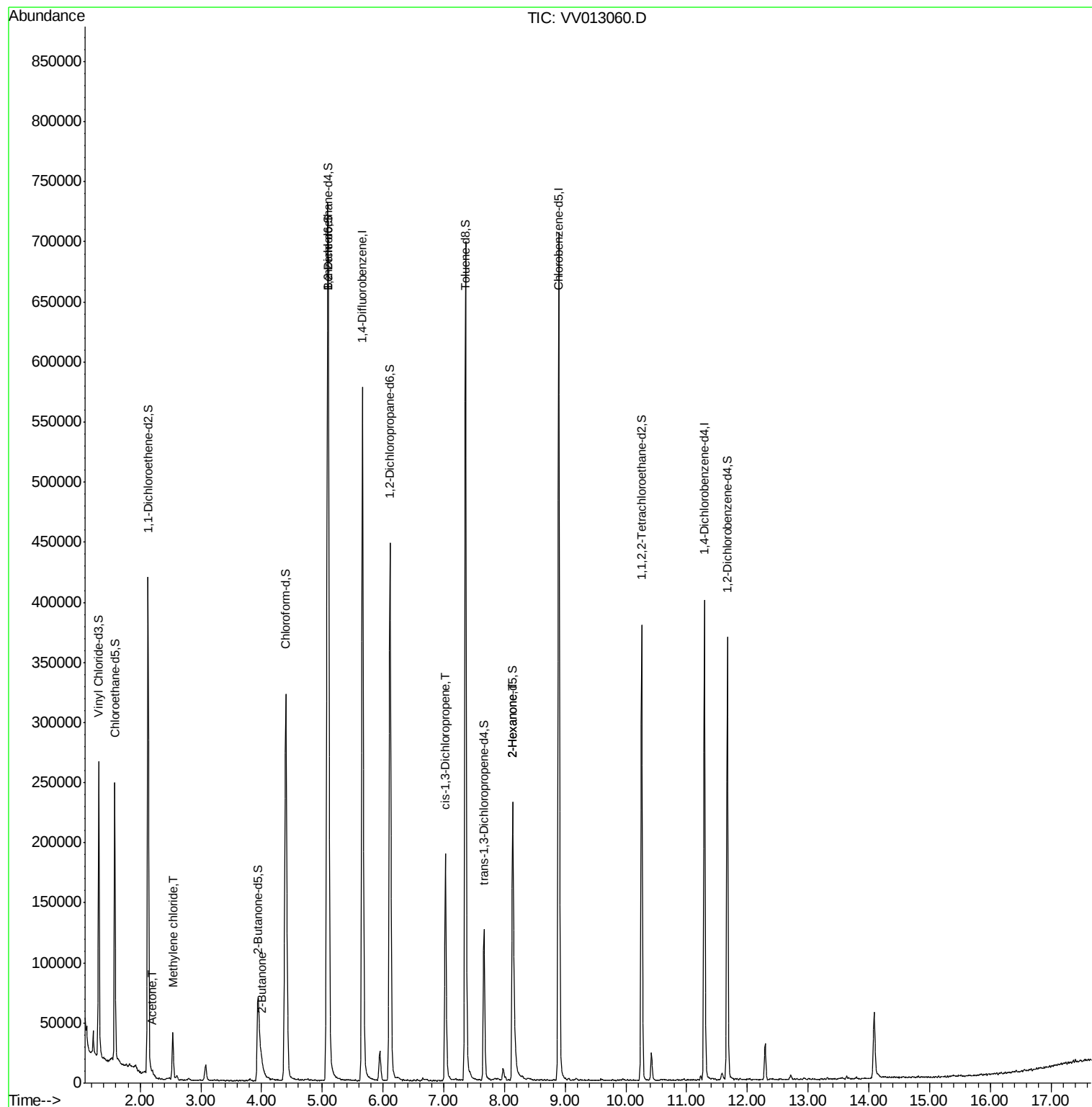
					Ovalue
13) Acetone	2.20	43	4329	1.511 ug/L	96
16) Methylene chloride	2.54	84	16327	2.171 ug/L	96
21) 2-Butanone	4.01	43	16380	4.914 ug/L #	52
42) cis-1,3-Dichloropropene	7.03	75	4772	0.564 ug/L #	76
49) 2-Hexanone	8.14	43	10113	2.838 ug/L #	70

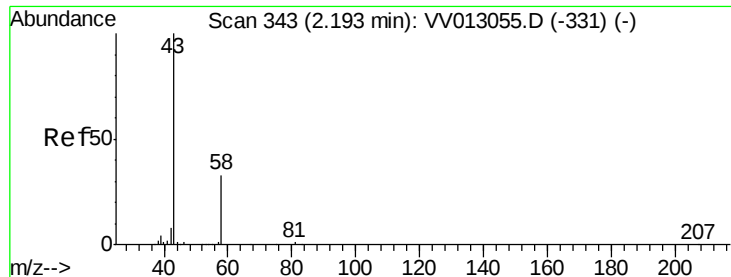
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 08:34:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.511 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV013060.D

Acq: 08 Oct 2019 15:12

Instrument :

MSVOA_V

ClientSampled :

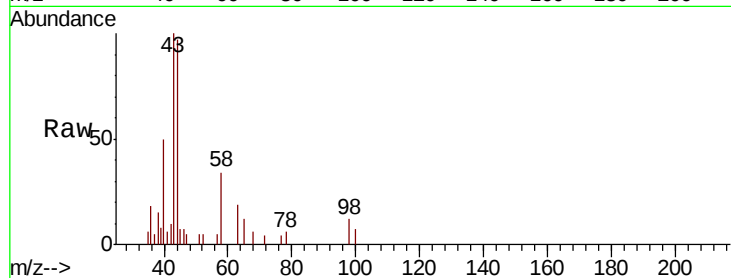
BFB71

Tot Ion: 43 Resp: 4329

Ion Ratio Lower Upper

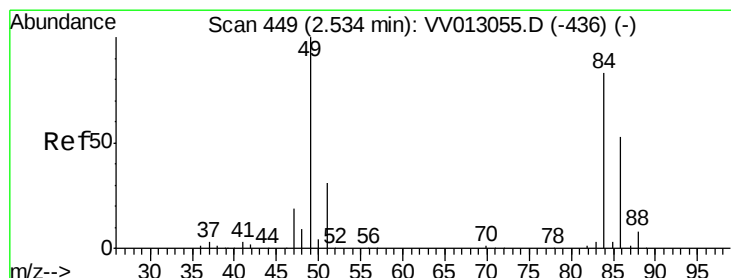
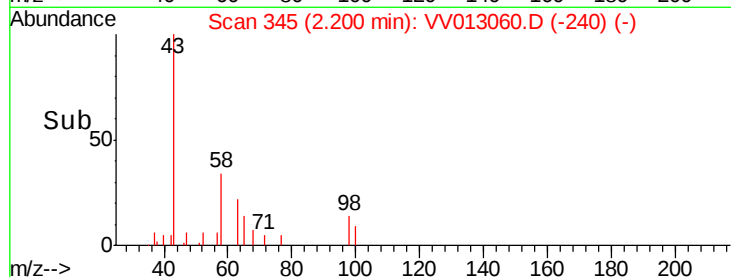
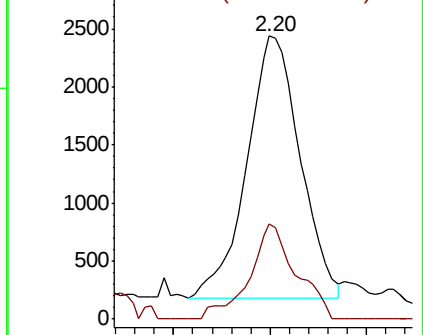
43 100

58 30.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013055.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV013055.D (-331) (-)



#16

Methylene chloride

Concen: 2.171 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013060.D

Acq: 08 Oct 2019 15:12

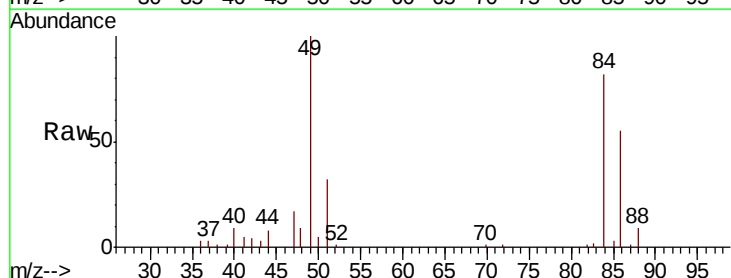
Tgt Ion: 84 Resp: 16327

Ion Ratio Lower Upper

84 100

49 121.8 88.3 164.1

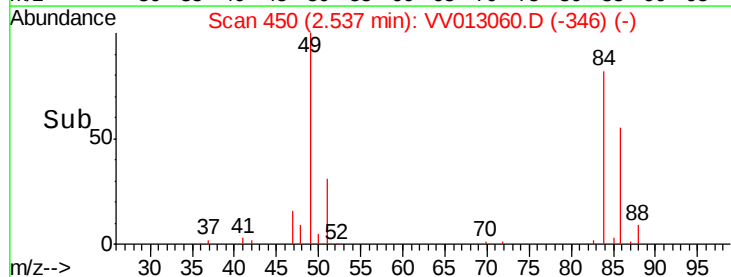
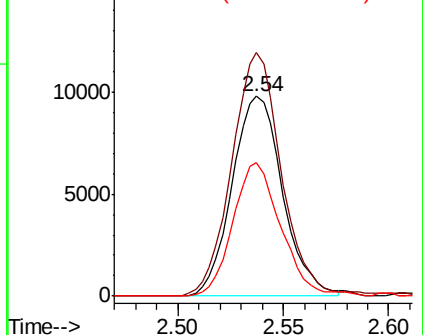
86 66.8 44.9 83.3

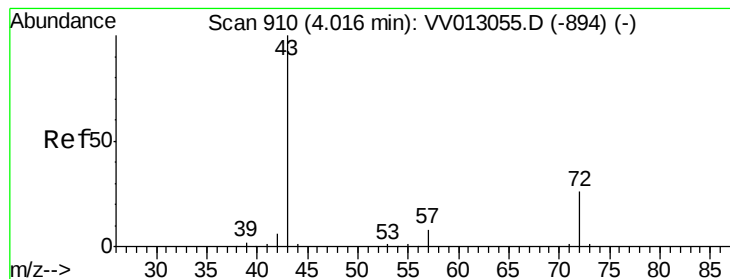


Abundance Ion 84.00 (83.70 to 84.70): VV013055.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV013055.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV013055.D (-436) (-)





#21

2-Butanone

Concen: 4.914 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.01 min

Lab File: VV013060.D

Acq: 08 Oct 2019 15:12

Instrument :

MSVOA_V

ClientSampleId :

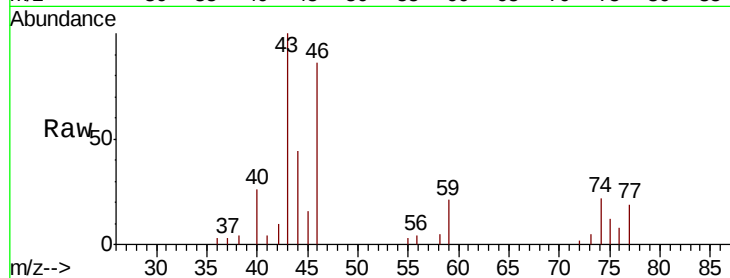
BFB71

Tot Ion: 43 Resp: 16380

Ion Ratio Lower Upper

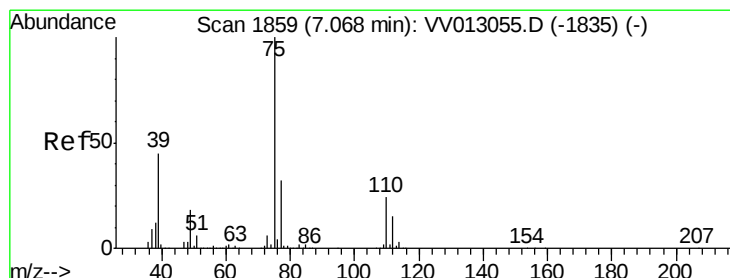
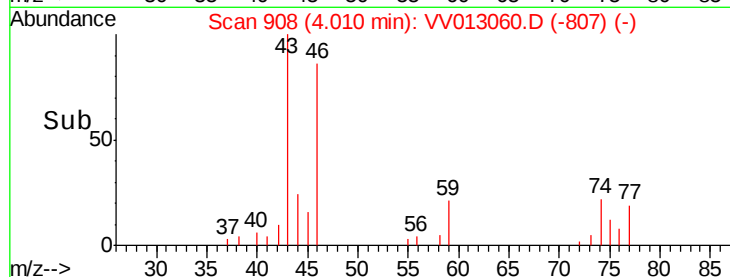
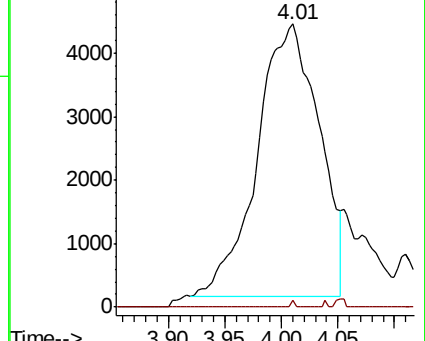
43 100

72 0.4 11.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VV013055.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV013055.D (-894) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV013060.D

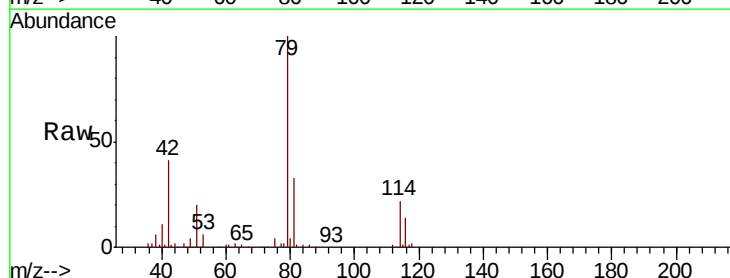
Acq: 08 Oct 2019 15:12

Tgt Ion: 75 Resp: 4772

Ion Ratio Lower Upper

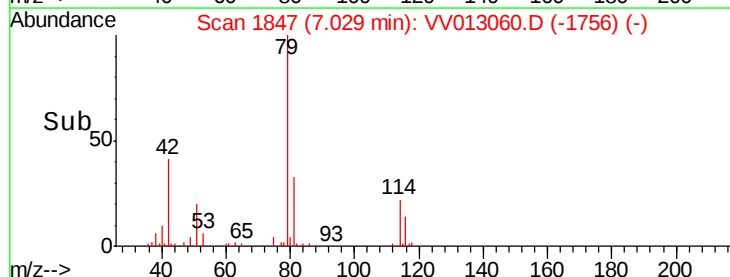
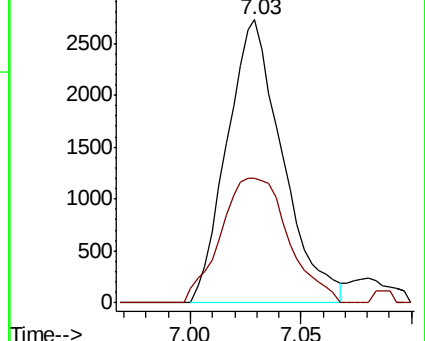
75 100

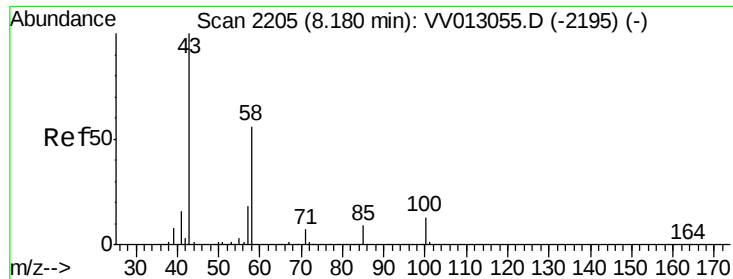
77 43.8 21.5 39.9#



Abundance Ion 75.00 (74.70 to 75.70): VV013055.D (-1835) (-)

Ion 77.00 (76.70 to 77.70): VV013055.D (-1835) (-)





#49

2-Hexanone

Concen: 2.838 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV013060.D

Acq: 08 Oct 2019 15:12

Instrument :

MSVOA_V

ClientSampleId :

BFB71

Tot Ion: 43 Resp: 10113

Ion Ratio Lower Upper

43 100

58 36.6 46.5 69.7#

57 37.1 15.5 23.3#

100 3.9 9.7 14.5#

