

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009033.D
 Acq On : 19 Dec 2018 00:53
 Operator : SY/MD
 Sample : J6419-02
 Misc : 4.17G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF009

Quant Time: Dec 19 07:48:58 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	5.66	114	225574	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72071	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51063	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	1.58	69	51993	30.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.60%
10) 1,1-Dichloroethene-d2	2.13	63	118808	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.44%
20) 2-Butanone-d5	3.95	46	25606	30.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.26%
24) Chloroform-d	4.40	84	140288	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	5.08	65	89310	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.72%
29) Benzene-d6	5.10	84	280018	25.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.84%
33) 1,2-Dichloropropane-d6	6.12	67	86527	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.40%
37) Toluene-d8	7.36	98	247513	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	7.67	79	30750	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	8.14	63	16265	28.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62224	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	66631	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%

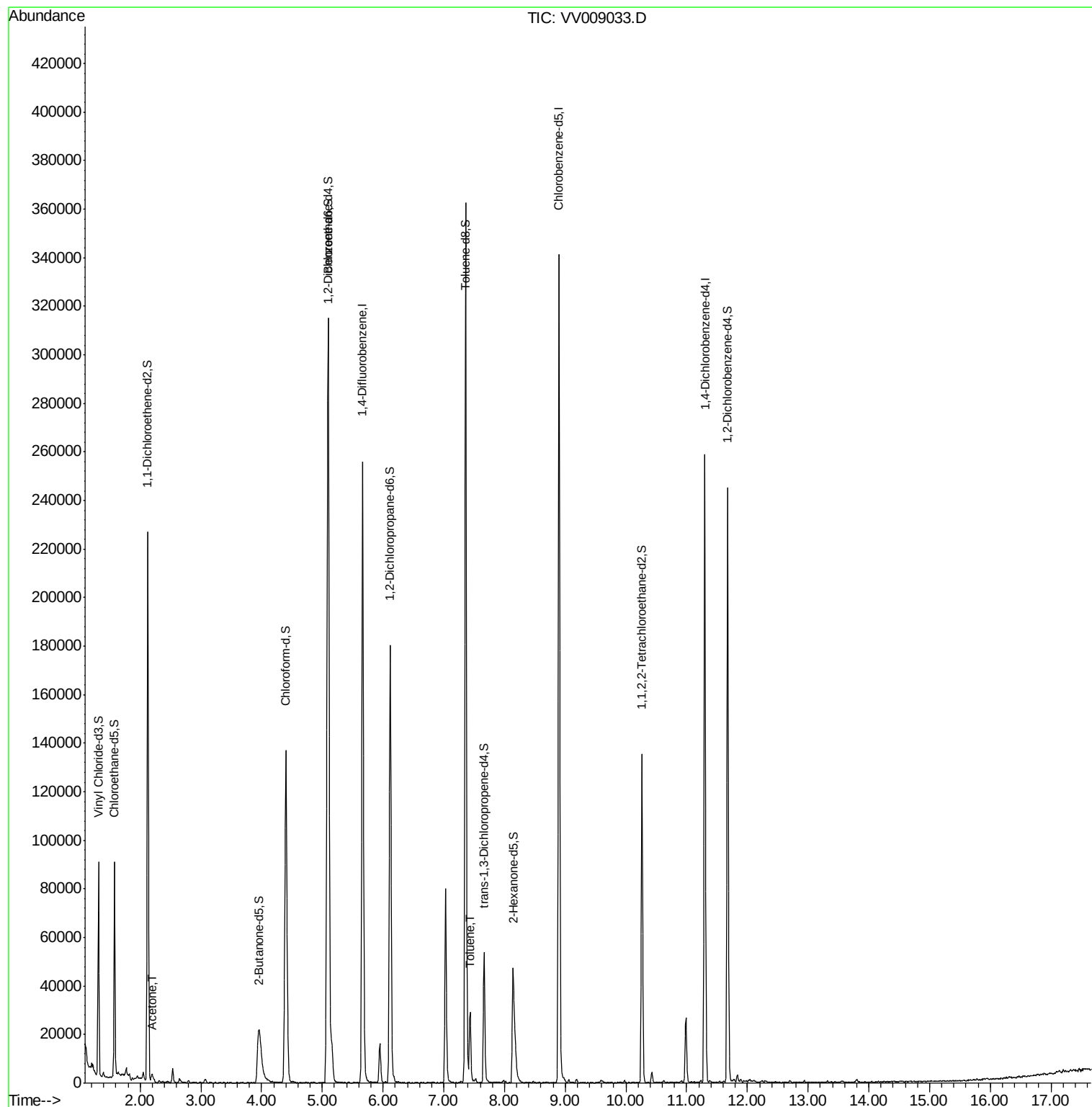
Target Compounds					Ovalue
13) Acetone	2.20	43	3560	2.843 ug/L	95
44) Toluene	7.43	91	20219	1.634 ug/L	97

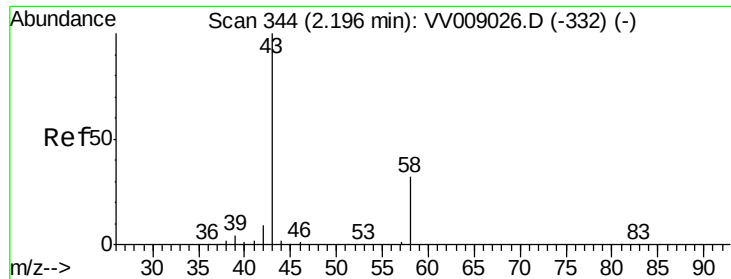
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.843 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009033.D

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Instrument :

MSVOA_V

ClientSampleId :

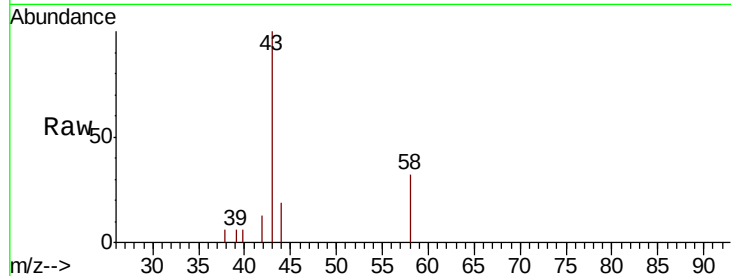
BF009

Tot Ion: 43 Resp: 3560

Ion Ratio Lower Upper

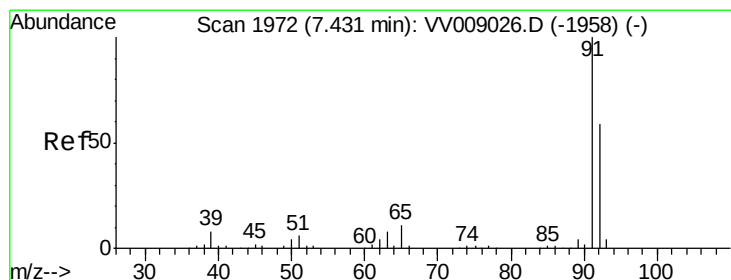
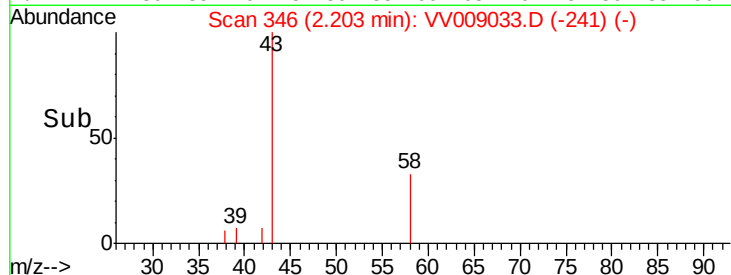
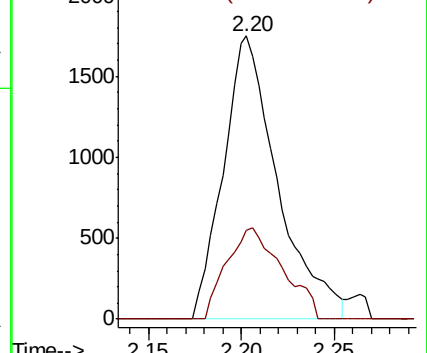
43 100

58 30.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009033.D (-241) (-)

Ion 58.00 (57.70 to 58.70): VV009033.D (-241) (-)



#44

Toluene

Concen: 1.634 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009033.D

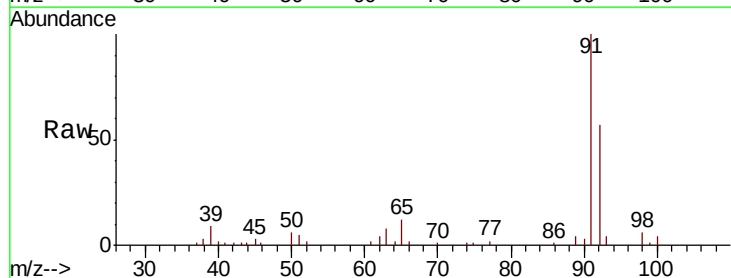
Acq: 19 Dec 2018 00:53

Tgt Ion: 91 Resp: 20219

Ion Ratio Lower Upper

91 100

92 57.3 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV009033.D (-1869) (-)

Ion 92.00 (91.70 to 92.70): VV009033.D (-1869) (-)

