

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\
 Data File : VV009570.D
 Acq On : 10 Mar 2019 16:40
 Operator : SY/MD
 Sample : K1818-21
 Misc : 5.83G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S1

Quant Time: Mar 11 09:21:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 04:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124041	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55412	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24242	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	1.57	69	26281	12.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.68%
10) 1,1-Dichloroethene-d2	2.13	63	54838	14.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	3.93	46	25465	50.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.10%
24) Chloroform-d	4.40	84	49198	16.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.60%
26) 1,2-Dichloroethane-d4	5.08	65	41651	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.12%
29) Benzene-d6	5.10	84	128727	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	6.12	67	41130	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	7.36	98	124623	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.40%
38) trans-1,3-Dichloropropene-	7.66	79	18124	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	8.13	63	18755	45.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44498	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	46014	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

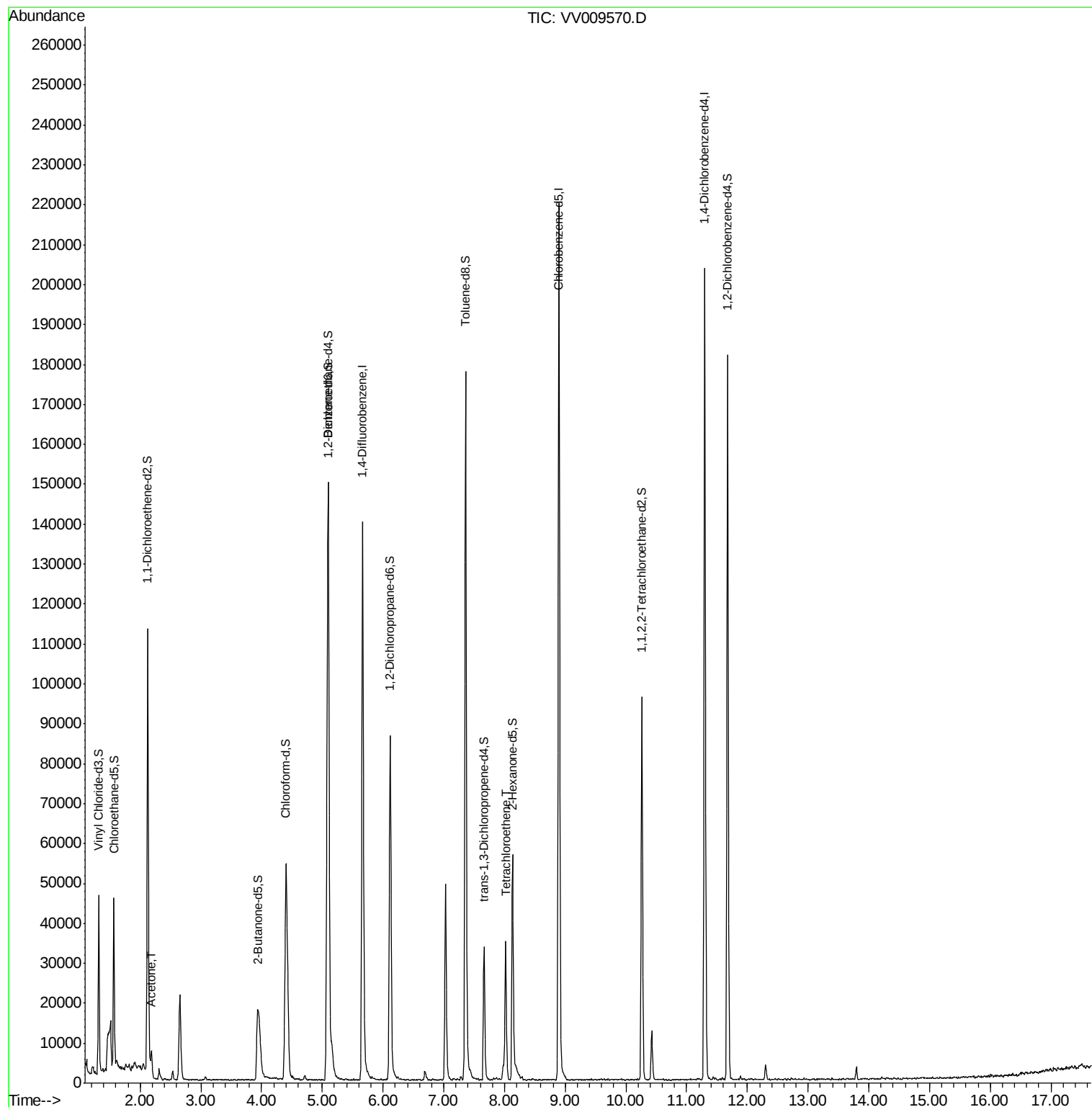
Target Compounds					Ovalue
13) Acetone	2.19	43	3477	6.721 ug/L	93
47) Tetrachloroethene	8.02	164	7104	5.218 ug/L	90

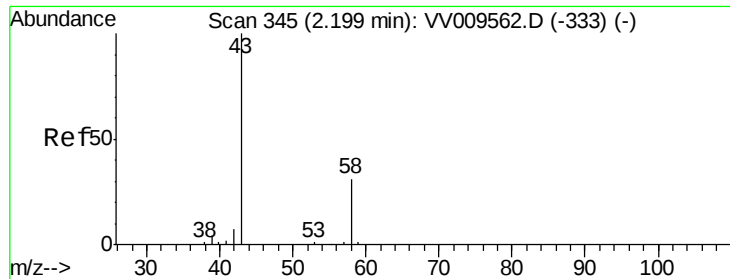
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.721 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV009570.D

Acq: 10 Mar 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

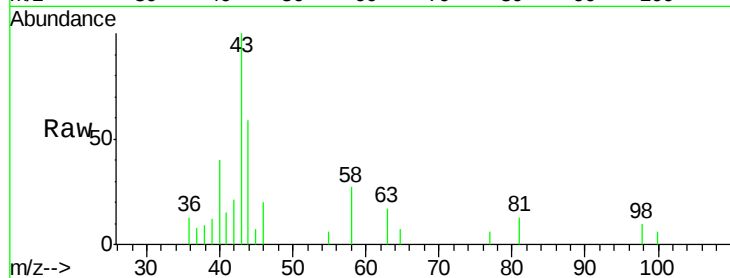
BF0S1

Tot Ion: 43 Resp: 3477

Ion Ratio Lower Upper

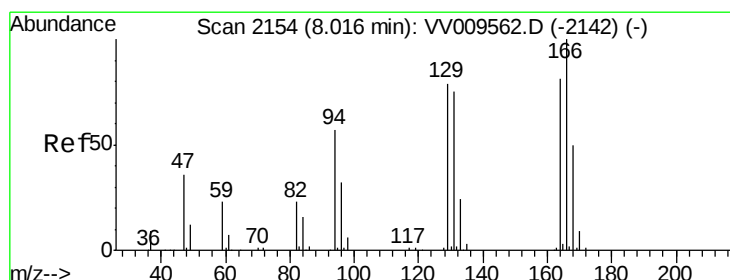
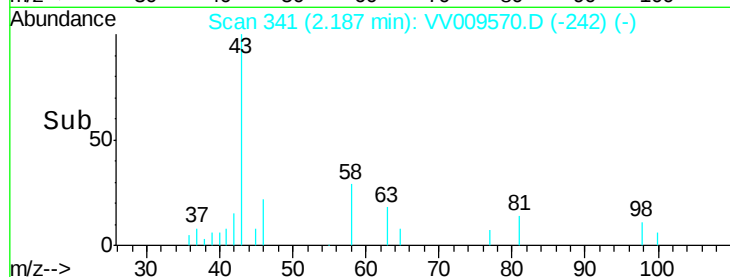
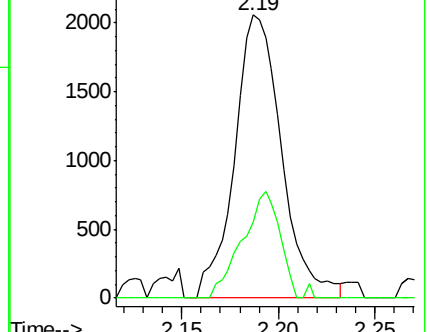
43 100

58 30.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009562.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009562.D (-333) (-)



#47

Tetrachloroethene

Concen: 5.218 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009570.D

Acq: 10 Mar 2019 16:40

Tgt Ion:164 Resp: 7104

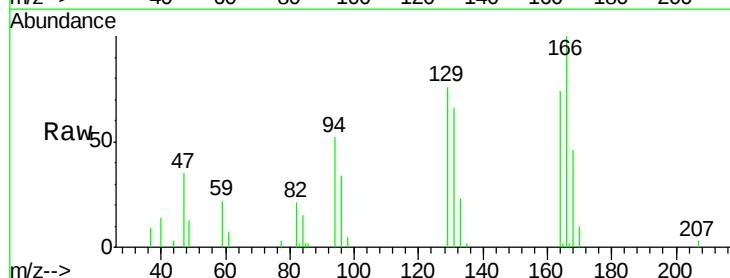
Ion Ratio Lower Upper

164 100

129 102.1 67.7 125.7

131 89.4 67.5 125.3

166 134.6 81.6 151.6



Abundance Ion 164.00 (163.70 to 164.70): VV009562.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV009562.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV009562.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV009562.D (-2142) (-)

