

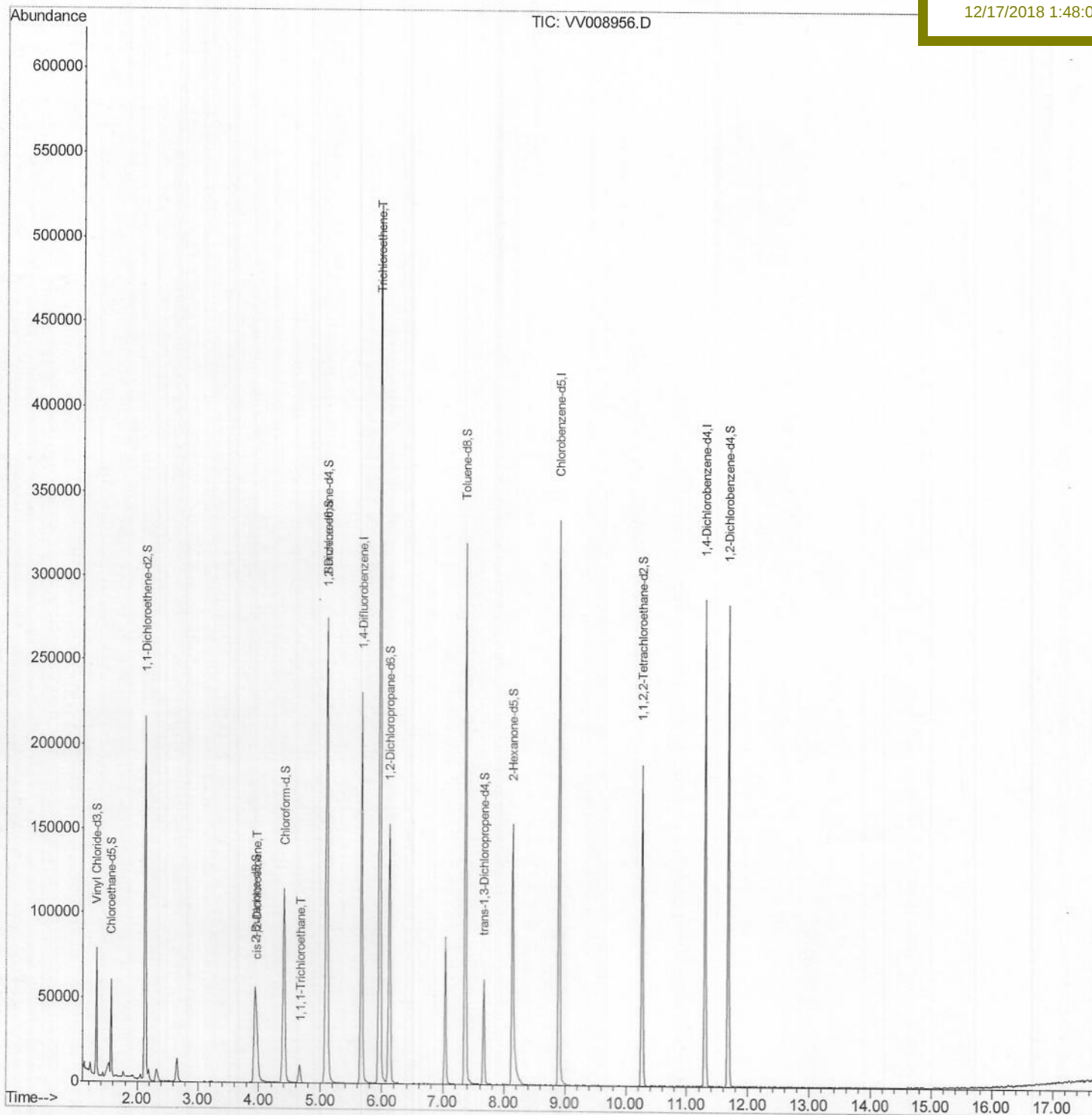
Data File : VV008956.D
Acq On : 15 Dec 2018 01:52
Operator : SY/MD
Sample : J6387-09
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 15 04:31:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
COLB1

Manual Integrations
APPROVED

sam
12/17/2018 1:48:01 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
Quantitation Report (Qedit)

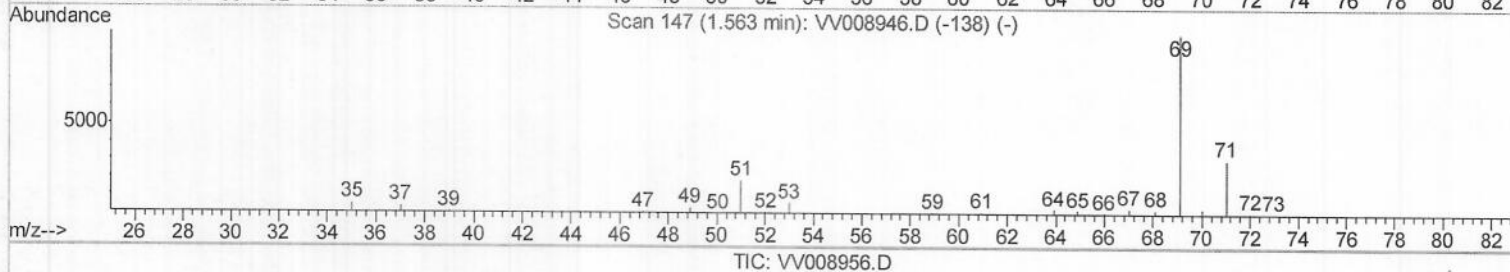
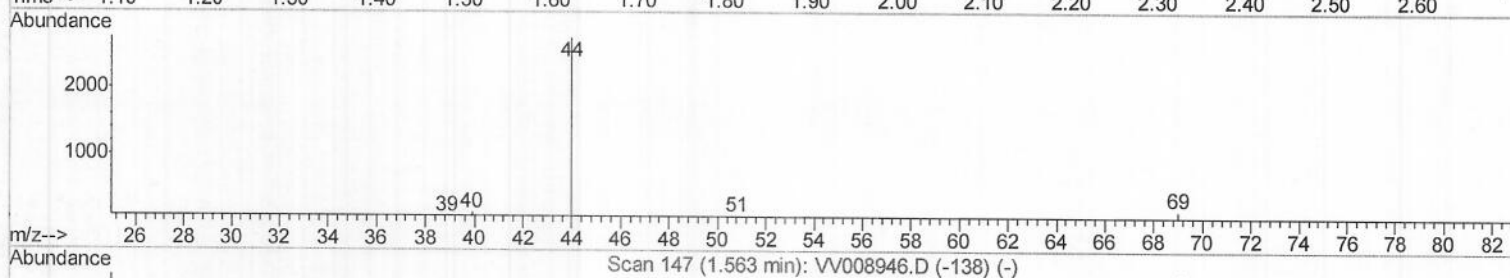
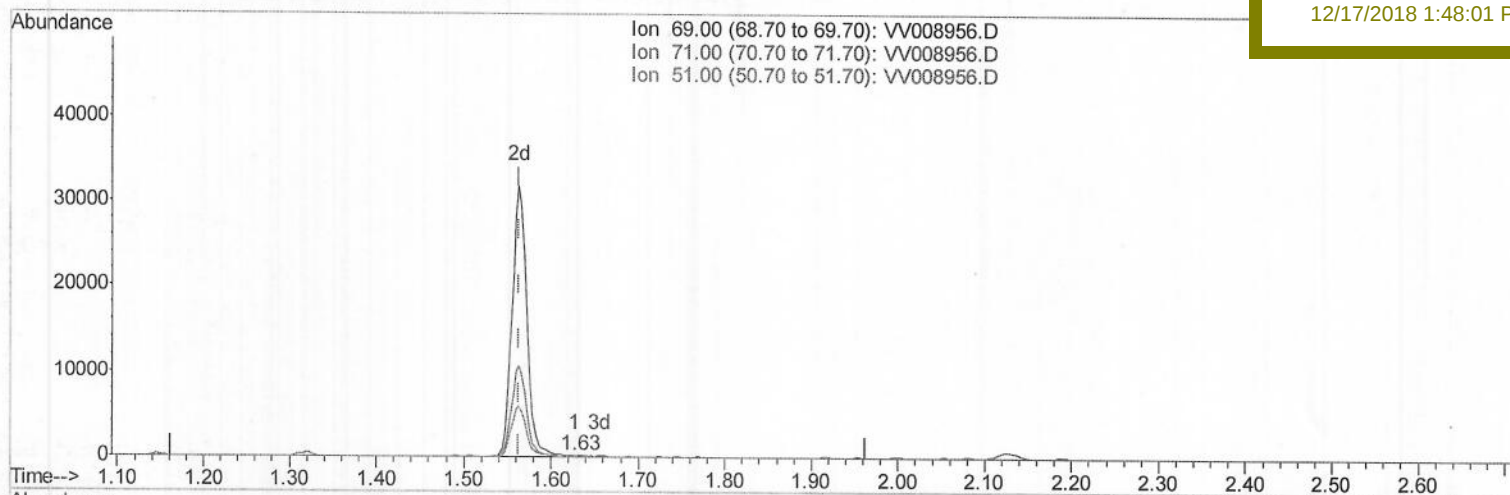
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sam
12/17/2018 1:48:01 PM



(7) Chloroethane-d5 (S)

1.627min (+0.064) 0.26ug/L

response 199

Ion	Exp%	Act%
69.00	100	100
71.00	30.30	38.19
51.00	27.70	22.11
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
Quantitation Report (Qedit)

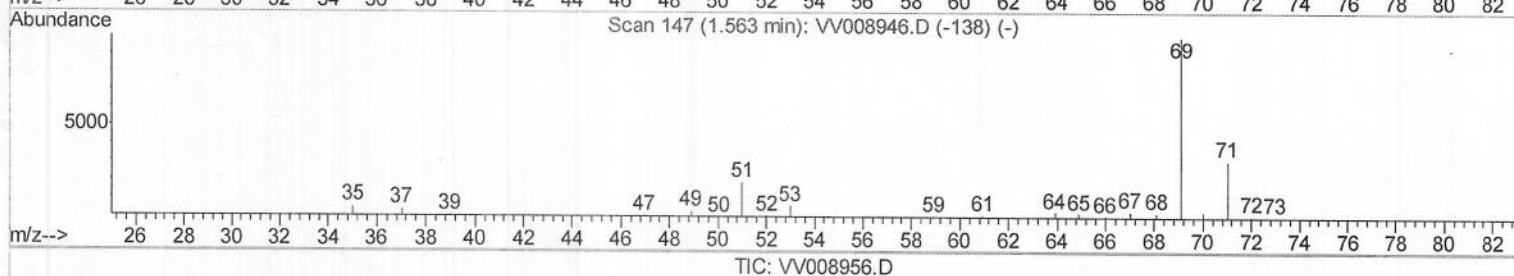
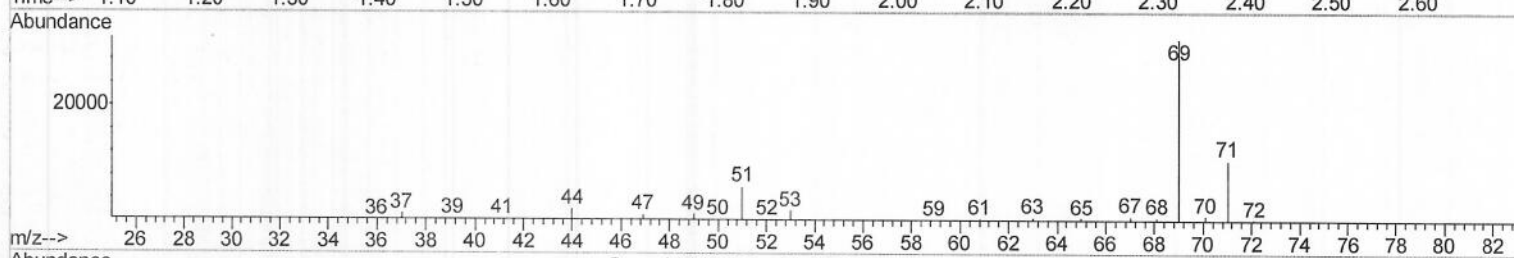
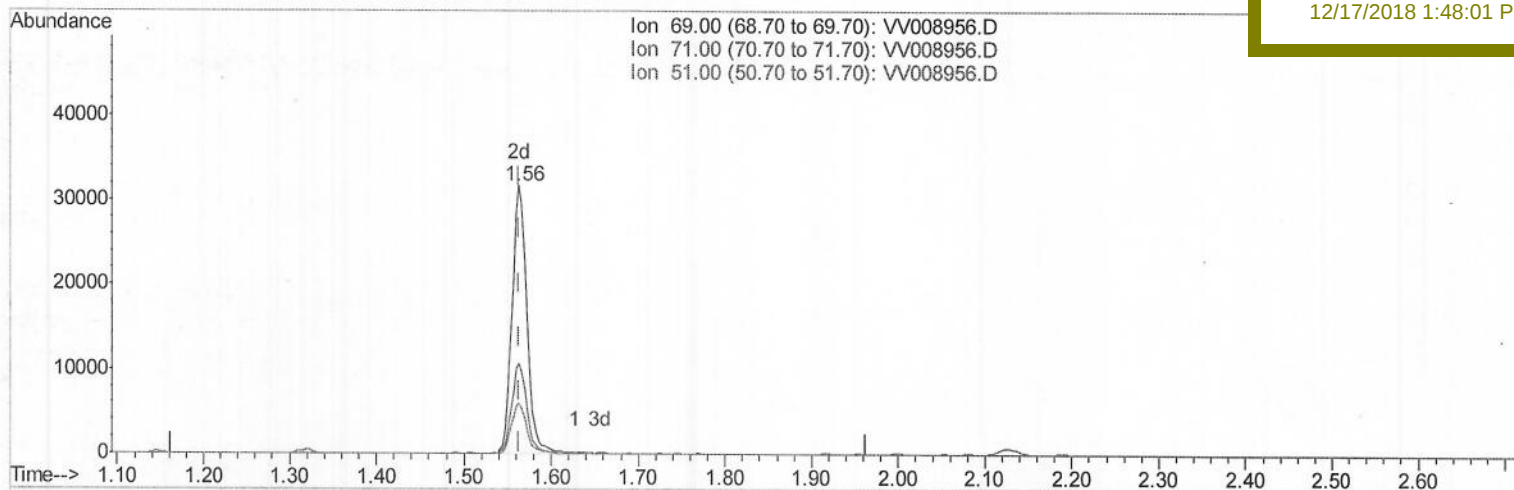
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Instrument :
MSVOA_V
ClientSampled :
COLB1

Manual Integrations
APPROVED

sam
12/17/2018 1:48:01 PM



(7) Chloroethane-d5 (S)

1.563min (+0.000) 49.76ug/L m

response 37605

Ion	Exp%	Act%
69.00	100	100
71.00	30.30	0.20#
51.00	27.70	0.12#
0.00	0.00	0.00

M.D
12/20/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

Quantitation Report (QT/LSC Reviewed)

Data File : VV008956.D

Acq On : 15 Dec 2018 01:52

Operator : SY/MD

Sample : J6387-09

Misc : 5.0 mL/MSVOA_V/WATER

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 15 04:31:15 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Dec 15 01:01:00 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

COLB1

Manual Integrations

APPROVED

sam

12/17/2018 1:48:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205612	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81595	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47551	39.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.20%		
7) Chloroethane-d5	1.56	69	37605m	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.52%		
11) 1,1-Dichloroethene-d2	2.13	63	107025	37.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.48%		
21) 2-Butanone-d5	3.93	46	87736	109.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.44%		
24) Chloroform-d	4.41	84	119898	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.60%		
26) 1,2-Dichloroethane-d4	5.08	65	79899	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.92%		
32) Benzene-d6	5.10	84	243062	47.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.84%		
36) 1,2-Dichloropropane-d6	6.12	67	74436	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.66%		
41) Toluene-d8	7.36	98	223713	46.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.00%		
43) trans-1,3-Dichloropropene-	7.67	79	35403	45.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.64%		
47) 2-Hexanone-d5	8.13	63	57780	101.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.36%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91956	46.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.48%		
64) 1,2-Dichlorobenzene-d4	11.68	152	81021	48.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.28%		

Target Compounds

					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	13904	9.381 ug/L	92
30) 1,1,1-Trichloroethane	4.66	97	8690	3.729 ug/L	99
34) Trichloroethene	5.96	95	180583	119.317 ug/L	97

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

m.p.
12/20/18