

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009989.D
 Acq On : 29 Mar 2019 02:41
 Operator : SY/MD
 Sample : K2120-04
 Misc : 5.14G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5C7

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:06 AM

Quant Time: Mar 29 05:33:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 04:20:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159490	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23727	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70372	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
7) Chloroethane-d5	1.56	69	105336	30.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.52%
10) 1,1-Dichloroethene-d2	2.12	63	69477	7.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.40%#
20) 2-Butanone-d5	3.94	46	12659m	20.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.98%
24) Chloroform-d	4.39	84	104201	25.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.08	65	65973	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.92%
29) Benzene-d6	5.09	84	214325	35.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.72%#
33) 1,2-Dichloropropane-d6	6.11	67	64405	36.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.60%#
37) Toluene-d8	7.36	98	158743	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.92%
38) trans-1,3-Dichloropropene-	7.66	79	13287	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.40%
39) 2-Hexanone-d5	8.14	63	8480	25.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35531	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	21648	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds					Ovalue
13) Acetone	2.19	43	7734	8.470 ug/L	99
16) Methylene chloride	2.53	84	8923	3.397 ug/L	96

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

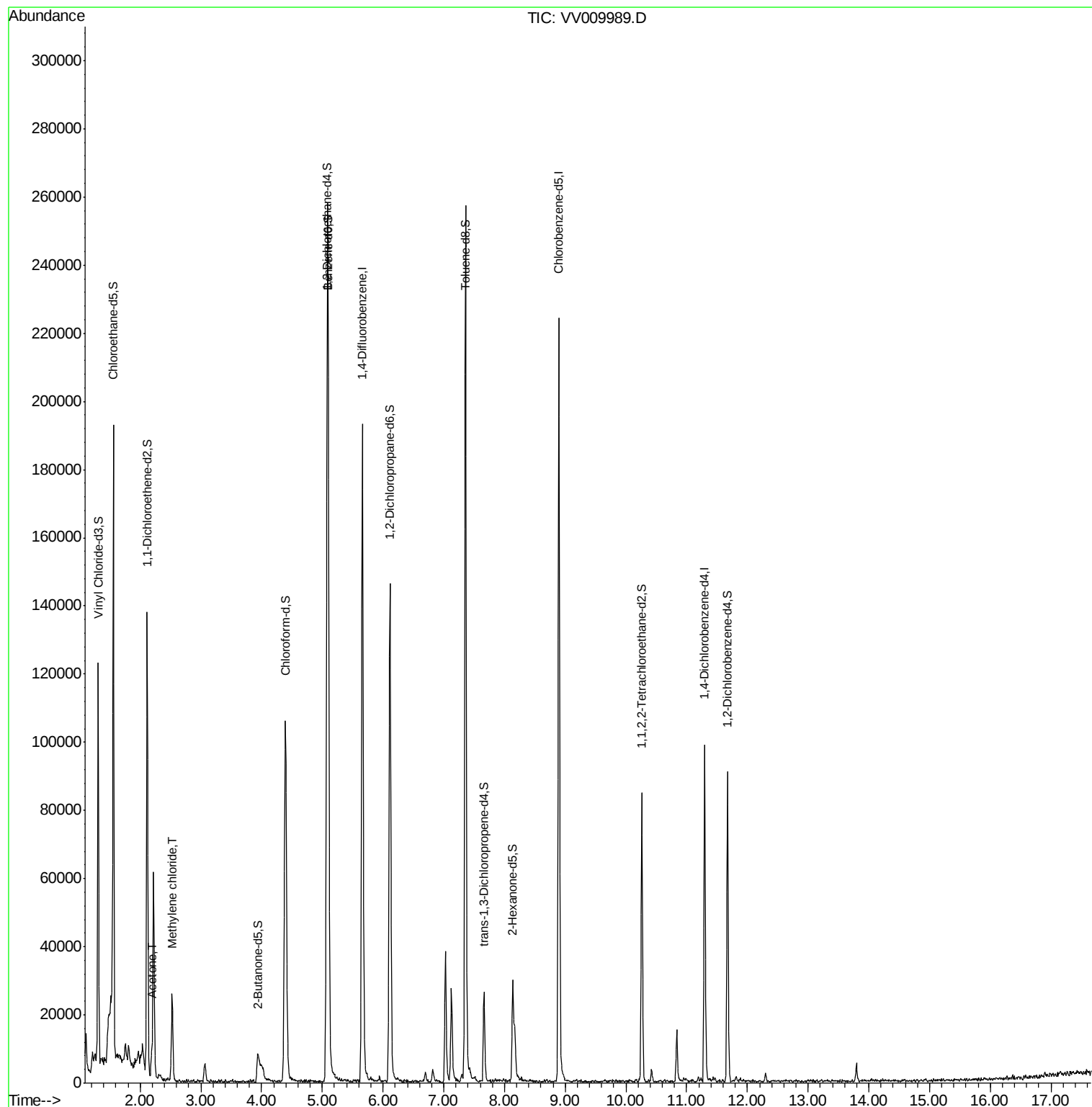
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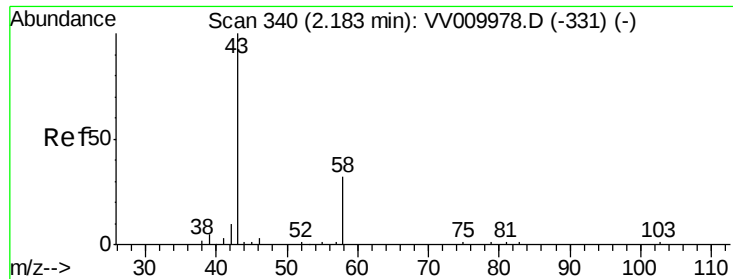
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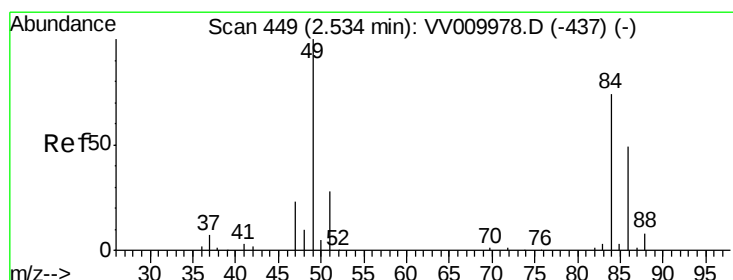
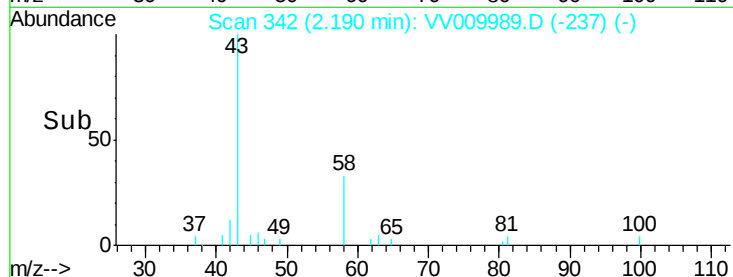
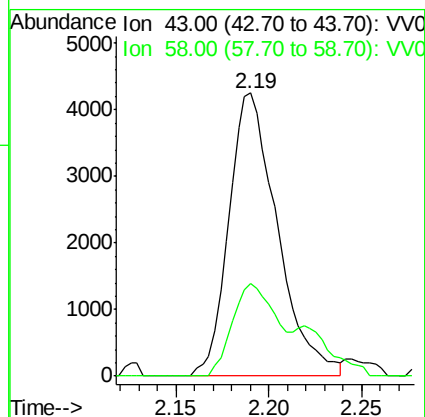
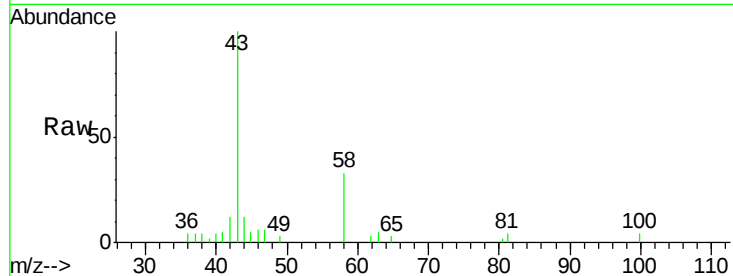
#13
Acetone
Concen: 8.470 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV009989.D
Acq: 29 Mar 2019 02:41

Instrument :
MSVOA_V
ClientSampleId :
BF5C7

Tot Ion: 43 Resp: 7734
Ion Ratio Lower Upper
43 100
58 30.5 0.0 59.4

Manual Integrations
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#16
Methylene chloride
Concen: 3.397 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009989.D
Acq: 29 Mar 2019 02:41

Tgt Ion: 84 Resp: 8923
Ion Ratio Lower Upper
84 100
49 134.4 90.4 167.8
86 59.5 44.0 81.6

