

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\
 Data File : VV009334.D
 Acq On : 22 Feb 2019 17:40
 Operator : SY/MD
 Sample : K1579-04
 Misc : 4.91G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB601

Manual Integrations
 APPROVED

MMDadoda
 2/25/2019 1:35:01 PM

Quant Time: Feb 23 00:57:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 23 00:37:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114262	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38795	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
7) Chloroethane-d5	1.58	69	60183	33.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.88%
10) 1,1-Dichloroethene-d2	2.13	63	77744	20.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.20%
20) 2-Butanone-d5	3.95	46	21493	40.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.80%
24) Chloroform-d	4.40	84	63775	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.08	65	35946	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	5.10	84	135040	27.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.40%
33) 1,2-Dichloropropane-d6	6.12	67	41817	29.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.20%
37) Toluene-d8	7.36	98	117246	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	7.67	79	16815	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.76%
39) 2-Hexanone-d5	8.14	63	17649	44.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34771	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	28722	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds					Qvalue
13) Acetone	2.20	43	11498	22.109 ug/L	93
21) 2-Butanone	4.03	43	3910m	6.563 ug/L	

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

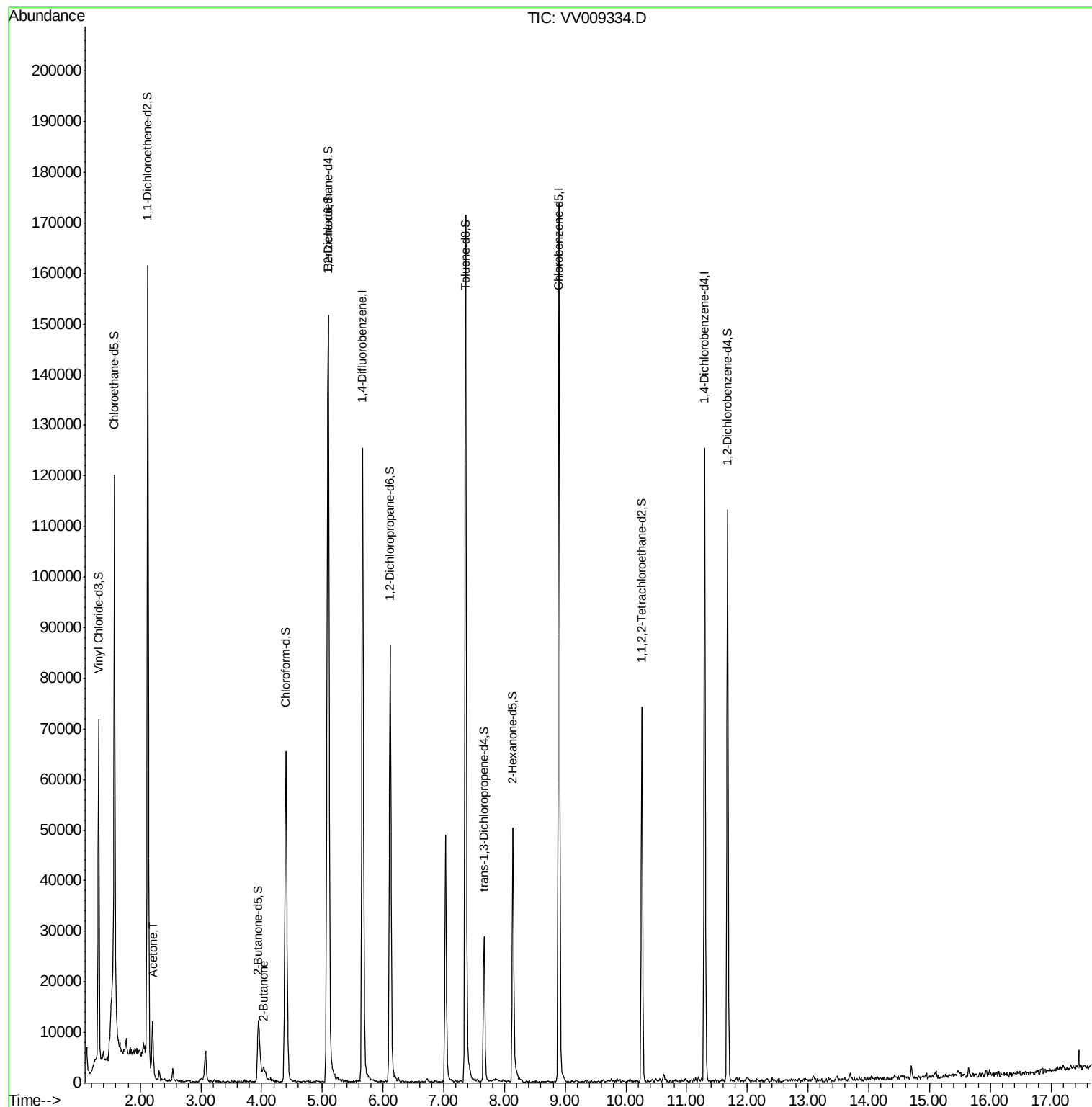
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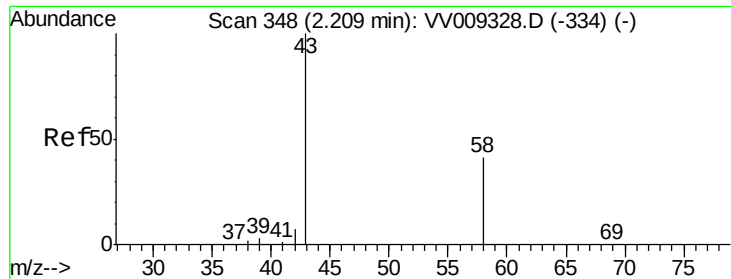
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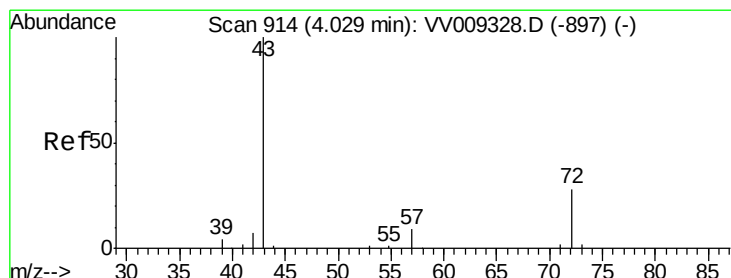
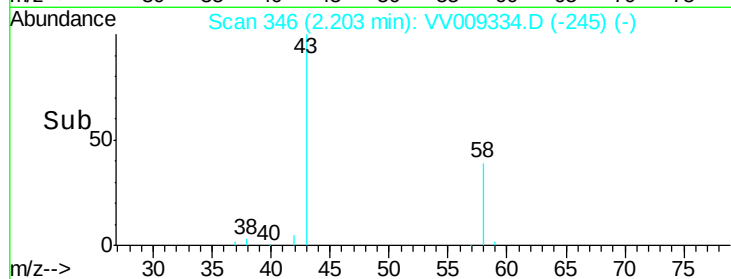
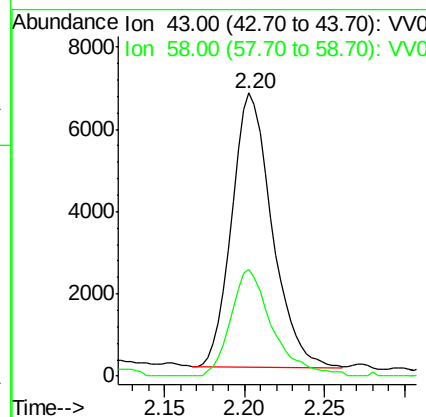
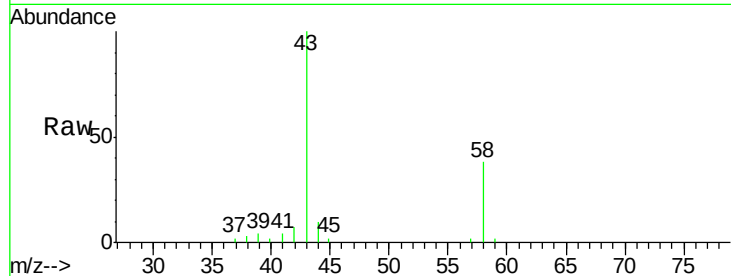
#13
Acetone
Concen: 22.109 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV009334.D
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Instrument :
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Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
58 40.1 0.0 72.0

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#21
2-Butanone
Concen: 6.563 ug/L m
RT: 4.03 min Scan# 915
Delta R.T. 0.00 min
Lab File: VV009334.D
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Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
72 18.6 15.4 46.2

