

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010399.D
 Acq On : 19 Apr 2019 22:43
 Operator : SY/MD
 Sample : K2456-14
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN4

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:53:51 AM

Quant Time: Apr 20 05:22:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84919	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24218	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	1.58	69	20662	22.81	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	2.13	63	36445m	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	3.95	46	11402	33.95	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.90%
24) Chloroform-d	4.41	84	47862	21.44	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.09	65	27781	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	5.10	84	83910	20.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.92%
33) 1,2-Dichloropropane-d6	6.12	67	25948	21.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.60%
37) Toluene-d8	7.36	98	80520	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	7.67	79	8833	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.64%
39) 2-Hexanone-d5	8.14	63	7997	30.31	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24823	20.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	30238	23.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.72%

Target Compounds					Ovalue
13) Acetone	2.19	43	1716	4.842 ug/L	85
16) Methylene chloride	2.54	84	6664	4.913 ug/L	93

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

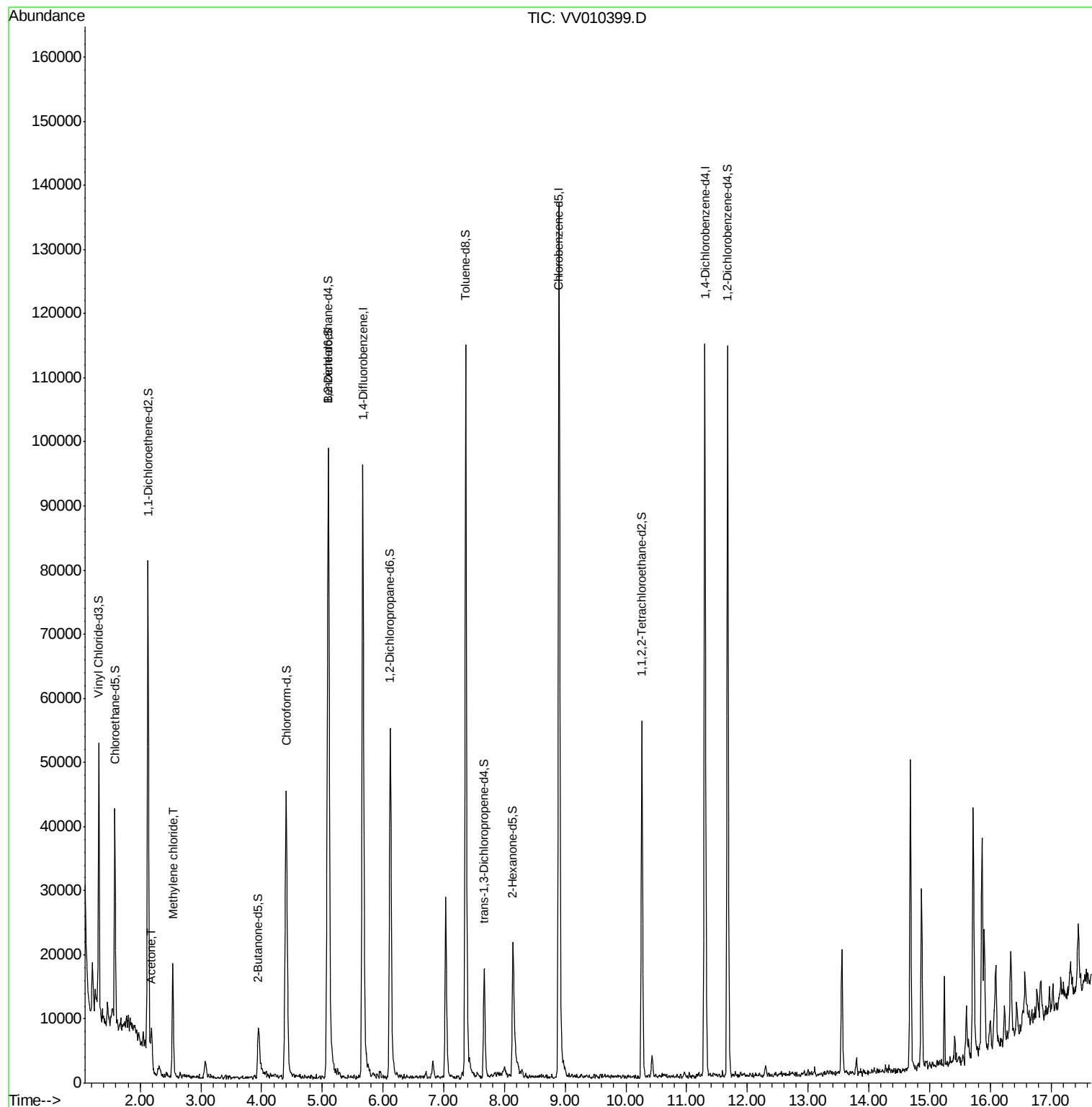
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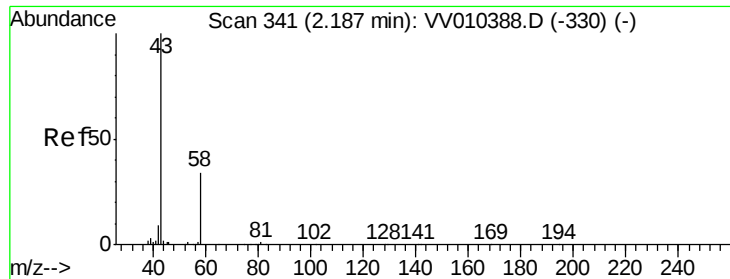
Instrument :
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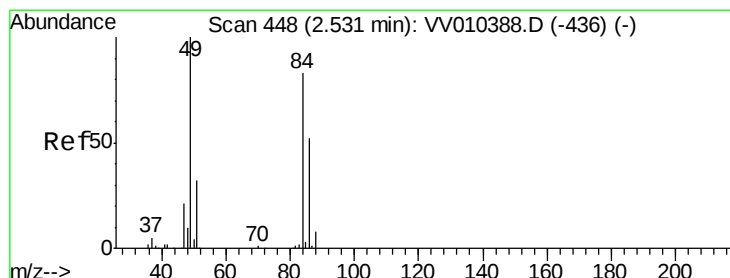
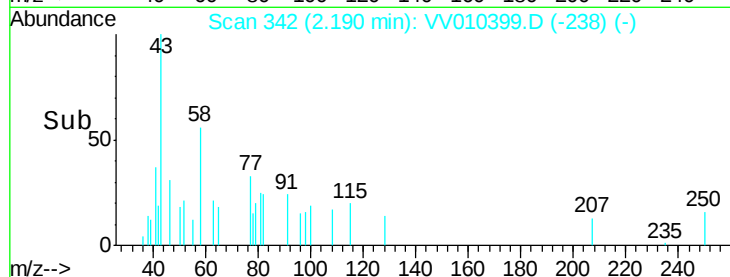
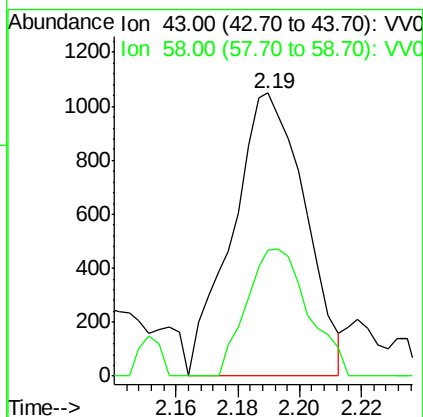
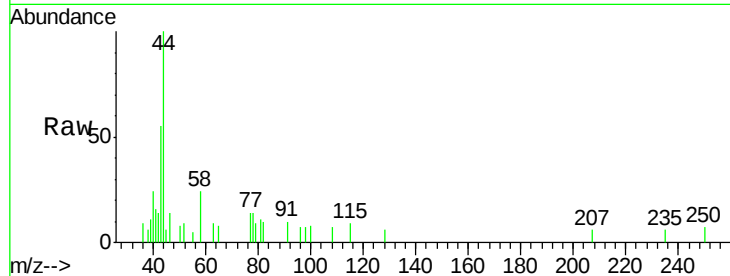
#13
Acetone
Concen: 4.842 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010399.D
Acq: 19 Apr 2019 22:43

Instrument :
MSVOA_V
ClientSampleId :
GAHN4

Tot Ion: 43 Resp: 1716
Ion Ratio Lower Upper
43 100
58 38.1 0.0 60.0

Manual Integrations
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#16
Methylene chloride
Concen: 4.913 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV010399.D
Acq: 19 Apr 2019 22:43

Tgt Ion: 84 Resp: 6664
Ion Ratio Lower Upper
84 100
49 132.5 83.8 155.6
86 65.9 46.1 85.5

