

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010024.D
 Acq On : 30 Mar 2019 17:10
 Operator : SY/MD
 Sample : K2166-09
 Misc : 6.27G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L4

Quant Time: Mar 31 21:16:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155441	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	156551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69779	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
7) Chloroethane-d5	1.56	69	83776	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
10) 1,1-Dichloroethene-d2	2.12	63	154539	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	3.93	46	39724	67.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.16%#
24) Chloroform-d	4.40	84	102870	25.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	5.08	65	73827	30.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.92%
29) Benzene-d6	5.10	84	213049	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	6.12	67	68519	28.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.96%
37) Toluene-d8	7.36	98	178231	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.60%
38) trans-1,3-Dichloropropene-	7.66	79	20837	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
39) 2-Hexanone-d5	8.13	63	27617	61.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67711	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	64468	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

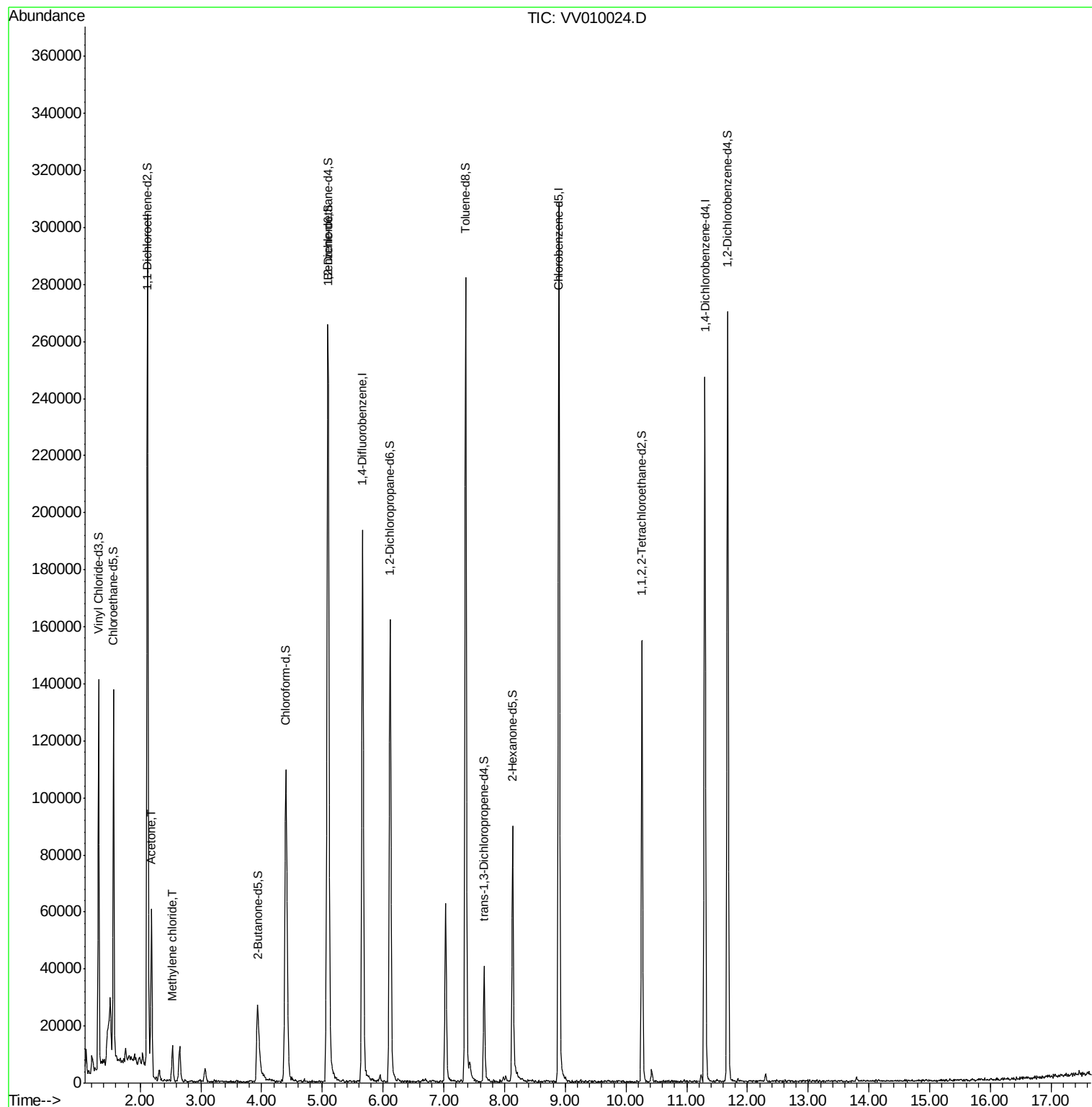
Target Compounds					Ovalue
13) Acetone	2.19	43	46621	52.386 ug/L	99
16) Methylene chloride	2.53	84	4882	1.907 ug/L	89

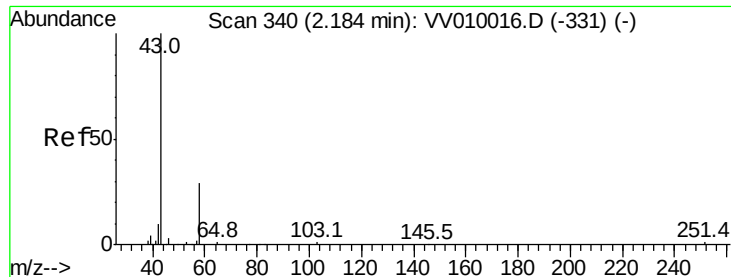
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 52.386 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010024.D

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Instrument :

MSVOA_V

ClientSampleId :

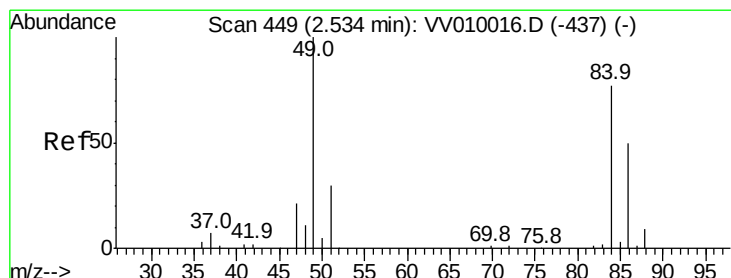
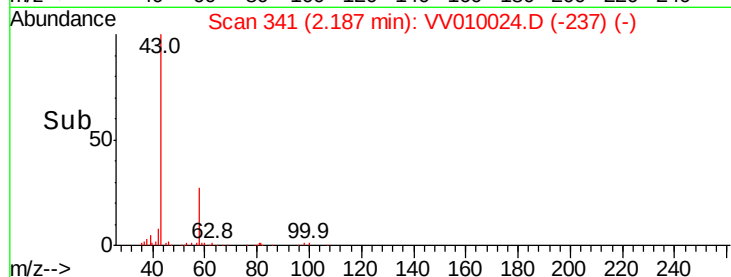
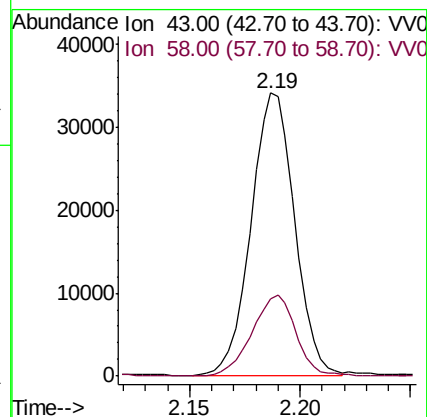
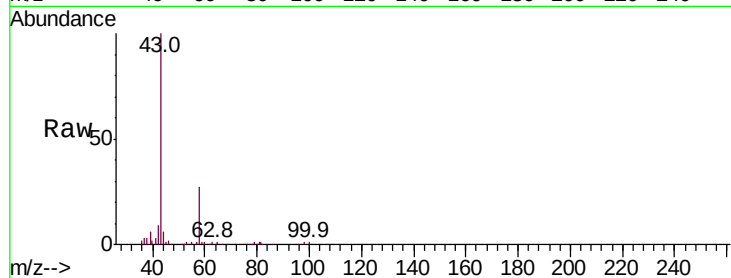
BF0L4

Tot Ion: 43 Resp: 46621

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.4



#16

Methylene chloride

Concen: 1.907 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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Acq: 30 Mar 2019 17:10

Tgt Ion: 84 Resp: 4882

Ion Ratio Lower Upper

84 100

49 112.5 90.4 167.8

86 65.3 44.0 81.6

