

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009653.D
 Acq On : 13 Mar 2019 23:08
 Operator : SY/MD
 Sample : K1794-16
 Misc : 4.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5P3

Quant Time: Mar 14 08:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81450	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	67669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21341	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10715	10.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.16%
7) Chloroethane-d5	1.57	69	18979	14.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.08%
10) 1,1-Dichloroethene-d2	2.13	63	31581	11.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.88%#
20) 2-Butanone-d5	3.95	46	2539	9.31	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.62%#
24) Chloroform-d	4.40	84	45785	22.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	34804	29.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.48%
29) Benzene-d6	5.10	84	88130	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	6.12	67	32974	31.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.16%#
37) Toluene-d8	7.36	98	70270	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	7.67	79	3445	7.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	28.92%#
39) 2-Hexanone-d5	8.14	63	1776	9.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.60%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25218	25.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	19422	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

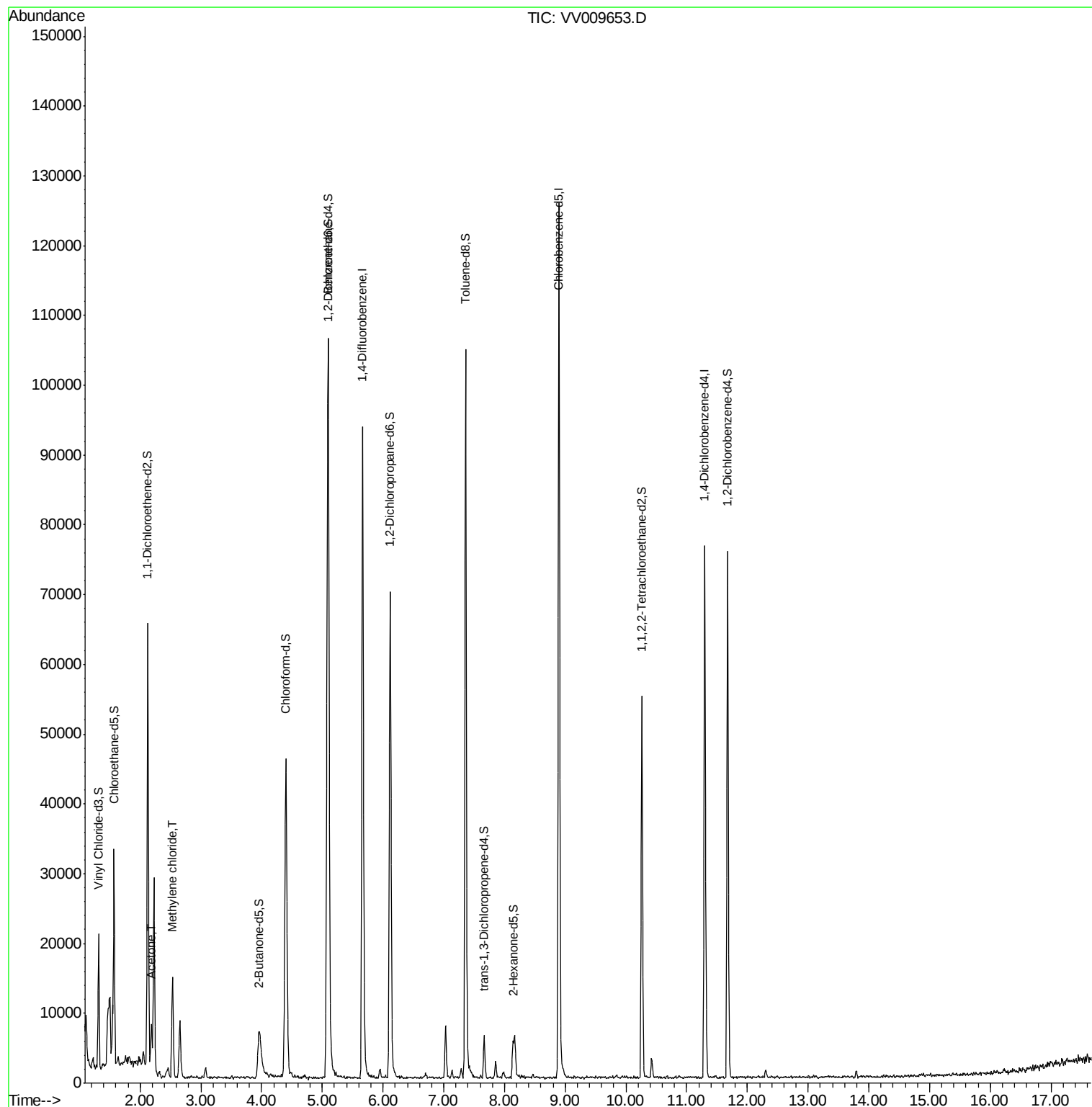
Target Compounds					Ovalue
13) Acetone	2.19	43	6641	20.194	ug/L 100
16) Methylene chloride	2.54	84	4532	3.822	ug/L 96

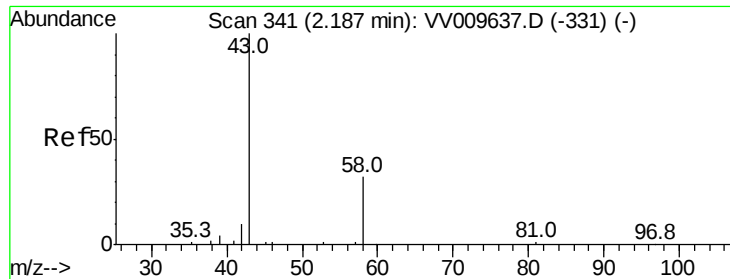
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.194 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009653.D

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Instrument :

MSVOA_V

ClientSampleId :

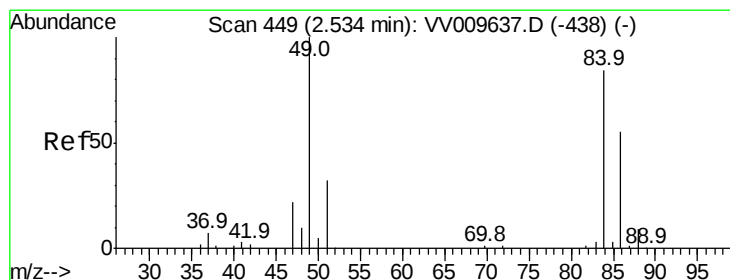
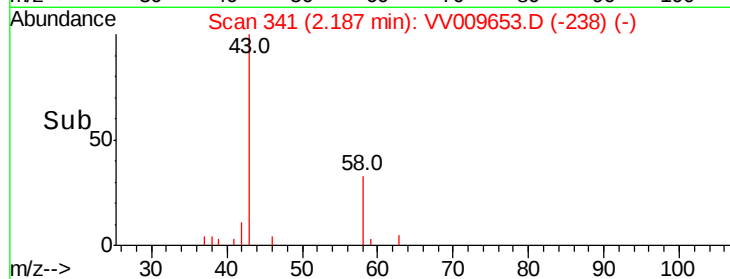
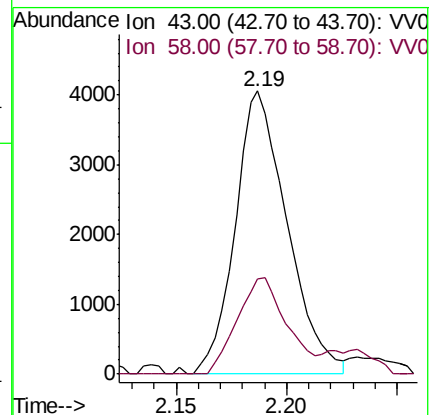
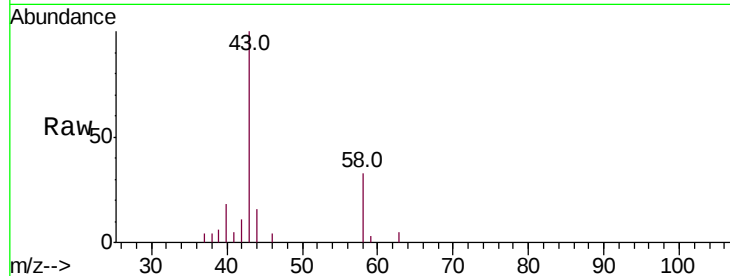
BF5P3

Tot Ion: 43 Resp: 6641

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.8



#16

Methylene chloride

Concen: 3.822 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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Acq: 13 Mar 2019 23:08

Tgt Ion: 84 Resp: 4532

Ion Ratio Lower Upper

84 100

49 116.3 86.1 159.9

86 65.9 45.2 84.0

