

Data File : VV010289.D
Acq On : 12 Apr 2019 15:57
Operator : SY/MD
Sample : K2304-05
Misc : 4.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF890RE

Quant Time: Apr 13 04:52:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	233586	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46428	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
7) Chloroethane-d5	1.58	69	51988	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
10) 1,1-Dichloroethene-d2	2.06	63	64	0.01	ug/L	-0.07
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	3.93	46	46675	68.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.18%#
24) Chloroform-d	4.40	84	127094	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.08	65	78727	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.64%
29) Benzene-d6	5.10	84	232815	29.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.64%
33) 1,2-Dichloropropane-d6	6.12	67	72901	30.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.88%#
37) Toluene-d8	7.36	98	184239	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	7.66	79	25324	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.20%
39) 2-Hexanone-d5	8.13	63	29644	72.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.80%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54203	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	26877	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

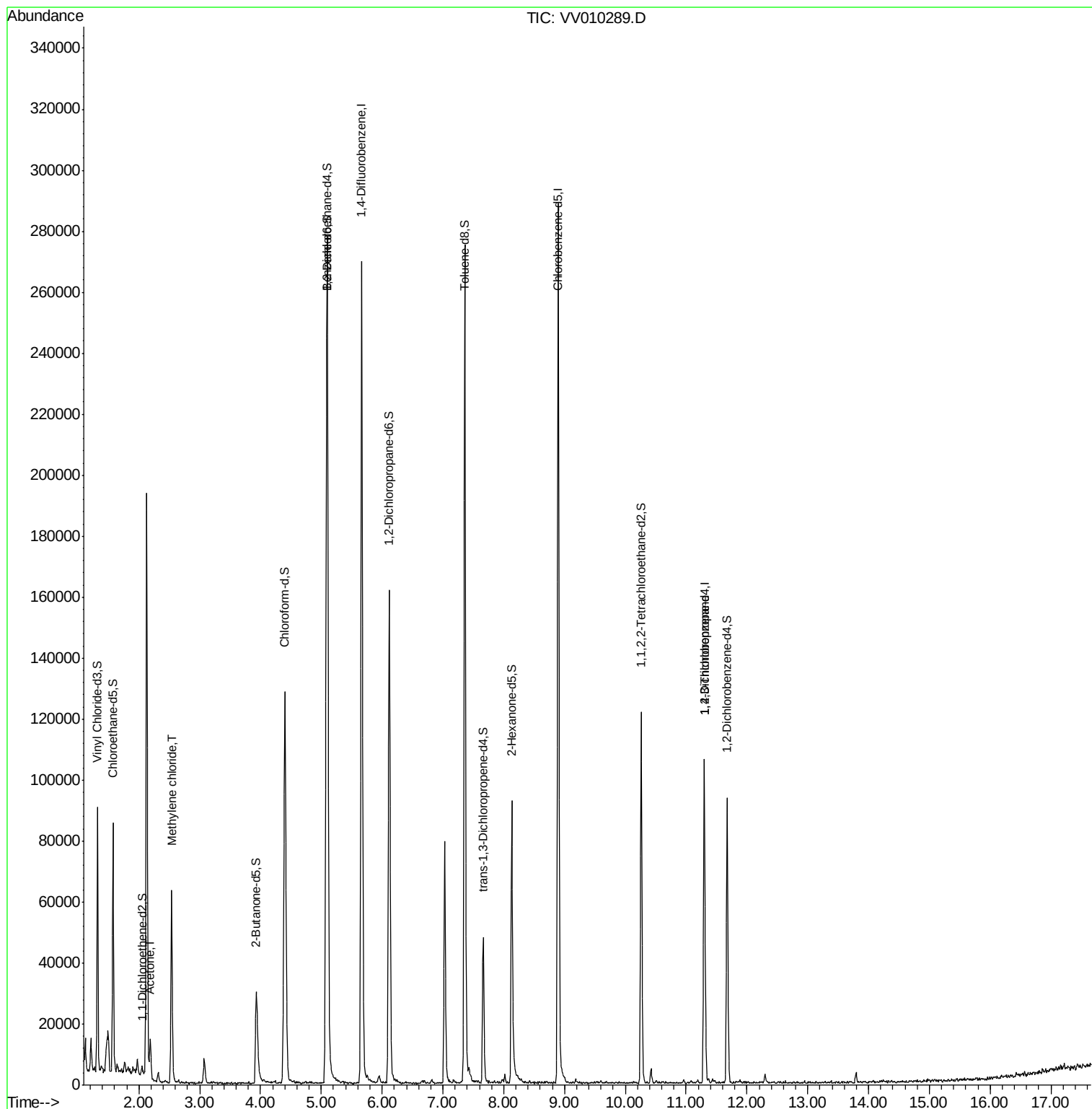
Target Compounds					Qvalue
13) Acetone	2.19	43	11437	15.731	ug/L 99
16) Methylene chloride	2.54	84	25174	5.503	ug/L 92
59) 1,2,3-Trichloropropane	11.30	75	4413	2.809	ug/L 99

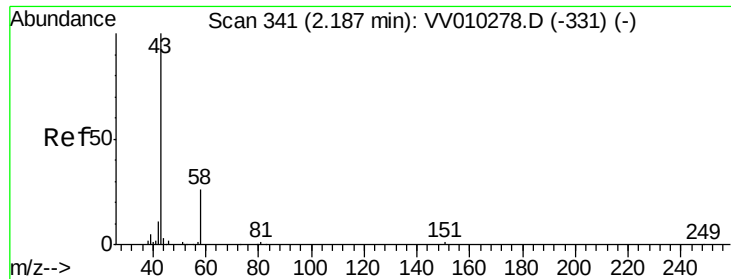
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.731 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

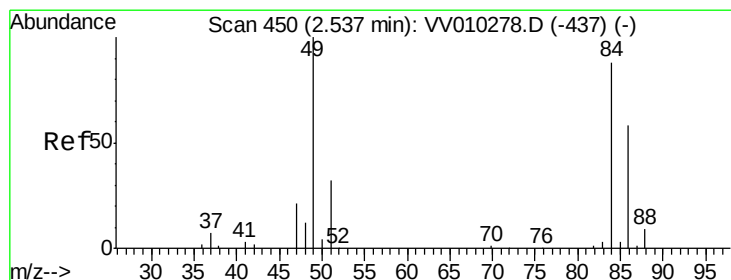
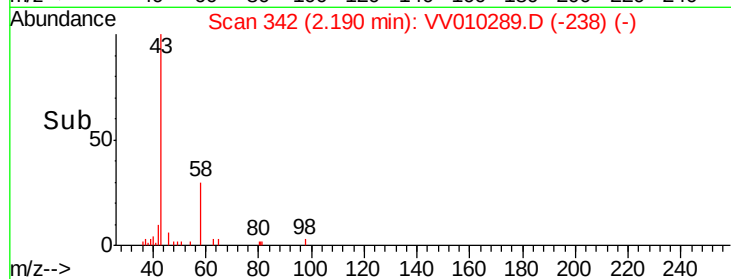
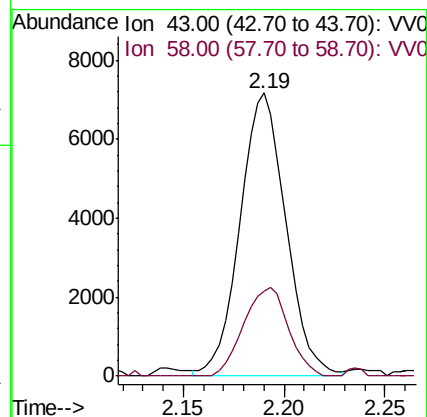
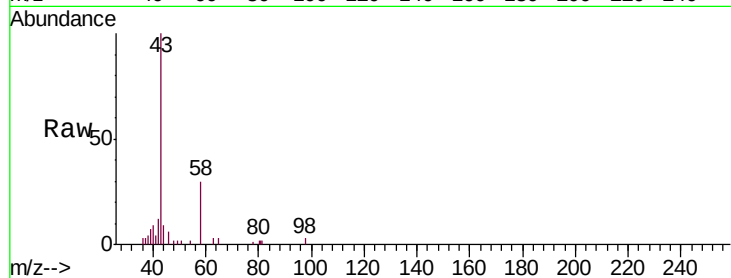
BF890RE

Tgt Ion: 43 Resp: 11437

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.6



#16

Methylene chloride

Concen: 5.503 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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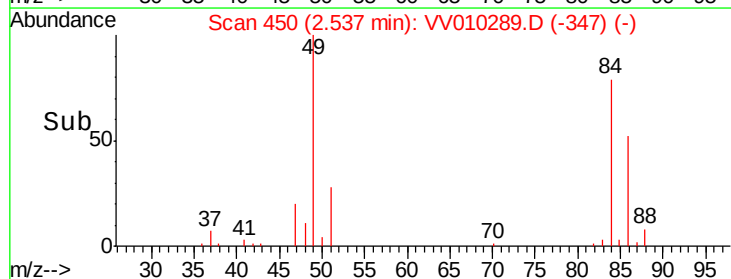
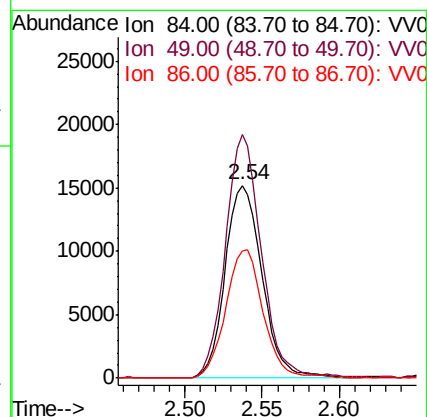
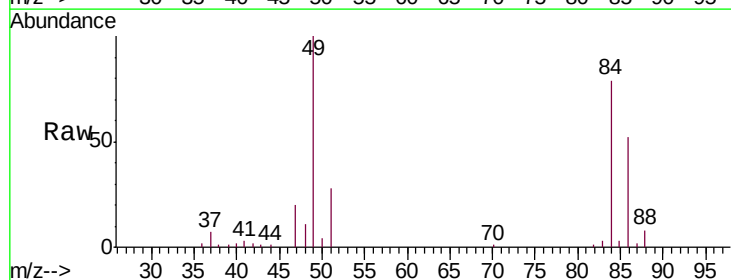
Tgt Ion: 84 Resp: 25174

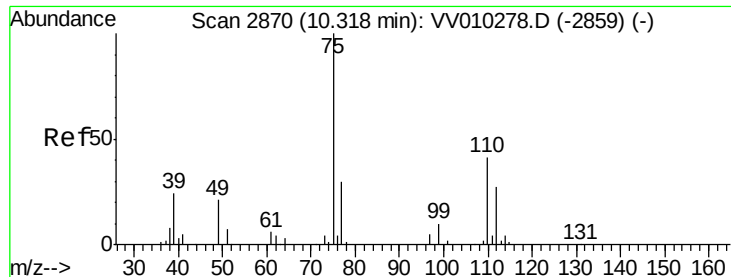
Ion Ratio Lower Upper

84 100

49 126.5 79.9 148.5

86 66.1 44.5 82.7





#59

1,2,3-Trichloropropane

Concen: 2.809 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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Instrument :

MSVOA_V

ClientSampleId :

BF890RE

Tgt Ion: 75 Resp: 4413

Ion Ratio Lower Upper

75 100

77 34.1 26.9 40.3

