

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010172.D
 Acq On : 08 Apr 2019 13:36
 Operator : SY/MD
 Sample : K2218-01
 Misc : 5.37G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z3

Quant Time: Apr 09 06:22:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	166986	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69035	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23293	10.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.68%
7) Chloroethane-d5	1.58	69	41379	14.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.60%
10) 1,1-Dichloroethene-d2	2.13	63	57313	10.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.64%#
20) 2-Butanone-d5	3.96	46	15208	23.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.82%
24) Chloroform-d	4.40	84	103218	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.08	65	75806	32.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.84%
29) Benzene-d6	5.10	84	193823	22.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.76%
33) 1,2-Dichloropropane-d6	6.12	67	71068	28.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.76%
37) Toluene-d8	7.36	98	174288	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.68%
38) trans-1,3-Dichloropropene-	7.67	79	18416	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.36%
39) 2-Hexanone-d5	8.14	63	8794	17.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74510	29.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	68045	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

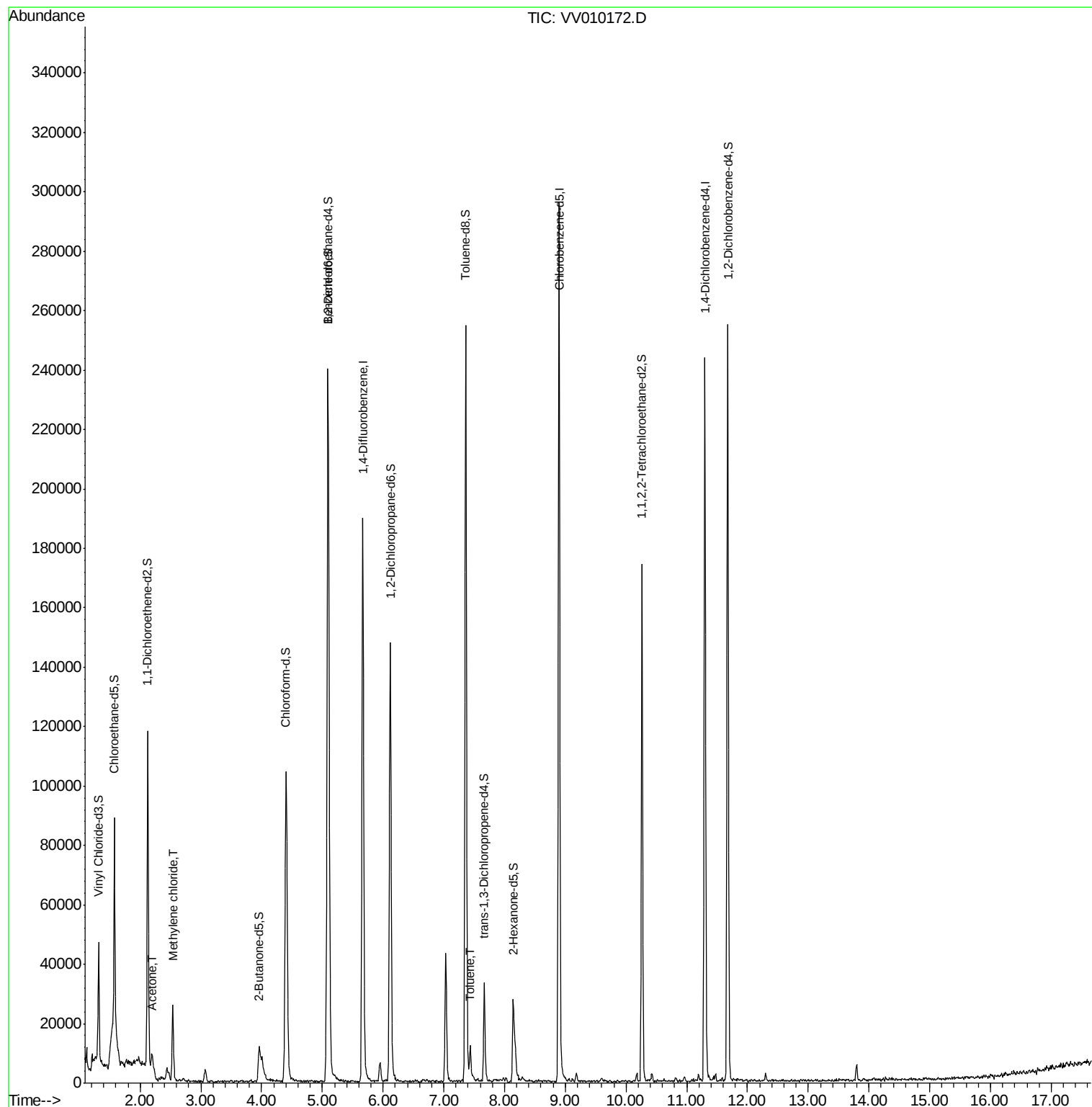
Target Compounds					Ovalue
13) Acetone	2.21	43	5354	8.513 ug/L	94
16) Methylene chloride	2.54	84	10561	3.600 ug/L	97
44) Toluene	7.43	91	6467	0.715 ug/L	89

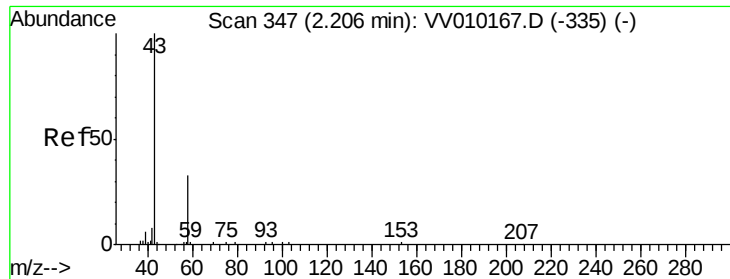
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.513 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

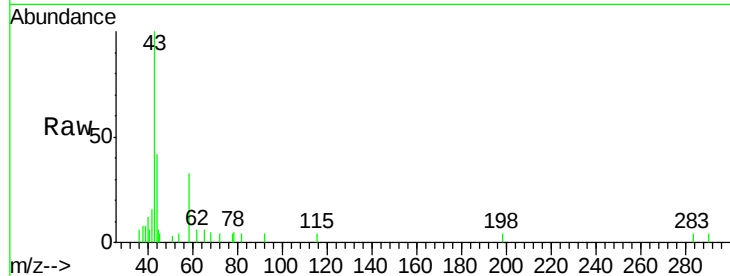
BF5Z3

Tot Ion: 43 Resp: 5354

Ion Ratio Lower Upper

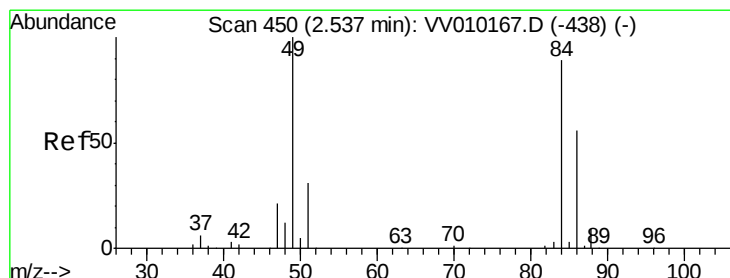
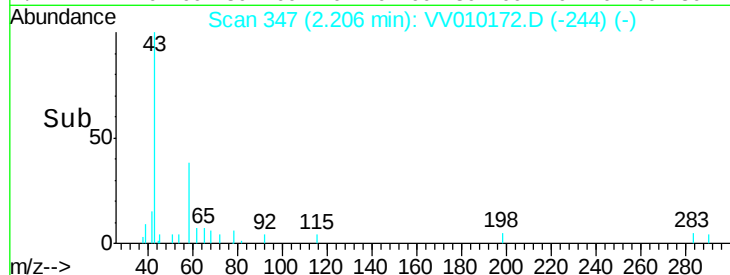
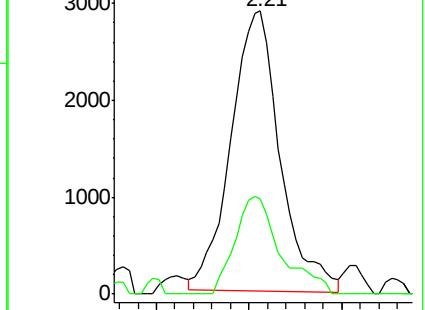
43 100

58 28.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010167.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV010167.D (-335) (-)



#16

Methylene chloride

Concen: 3.600 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010172.D

Acq: 08 Apr 2019 13:36

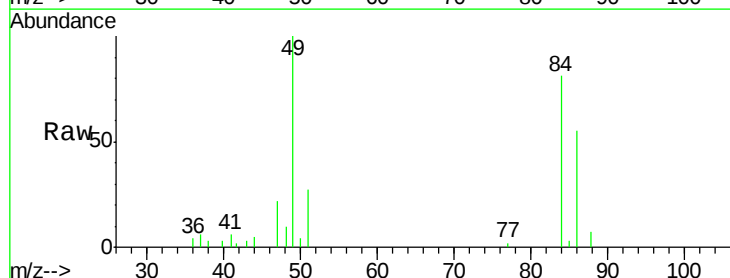
Tgt Ion: 84 Resp: 10561

Ion Ratio Lower Upper

84 100

49 123.2 84.3 156.5

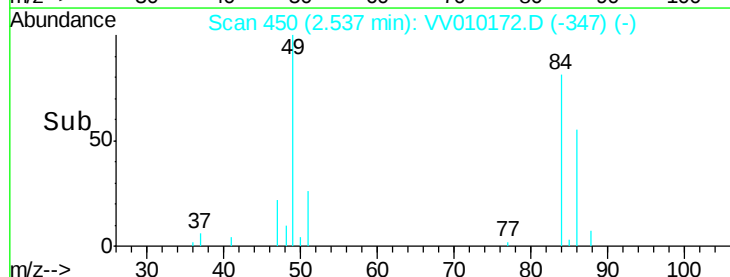
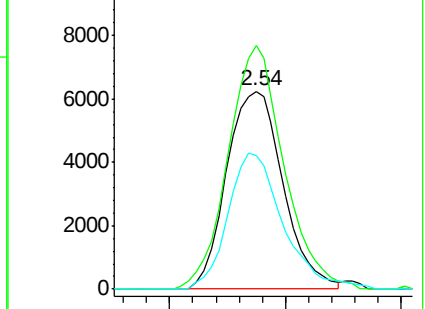
86 67.9 45.4 84.2

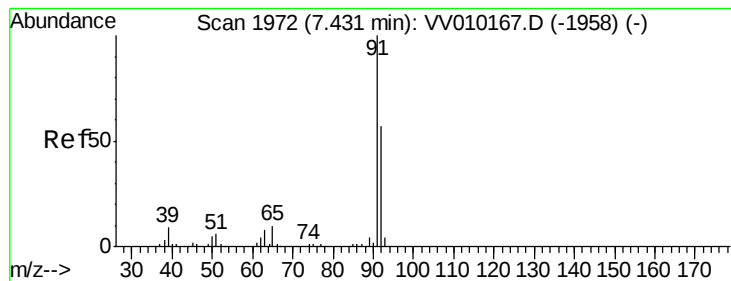


Abundance Ion 84.00 (83.70 to 84.70): VV010167.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010167.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010167.D (-438) (-)





#44

Toluene

Concen: 0.715 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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Tot Ion: 91 Resp: 6467

Ion Ratio Lower Upper

91 100

92 50.6 41.0 76.2

