

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009199.D
 Acq On : 08 Jan 2019 17:55
 Operator : SY/MD
 Sample : K1051-05
 Misc : 6.73 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X3

Quant Time: Jan 09 00:49:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 09 00:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	260345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61819	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
7) Chloroethane-d5	1.58	69	45400	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	2.13	63	124508	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.48%
20) 2-Butanone-d5	3.96	46	52218	50.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.10%
24) Chloroform-d	4.40	84	149140	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.08	65	87313	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.00%
29) Benzene-d6	5.10	84	312688	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	6.12	67	91916	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	7.36	98	286065	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	7.66	79	43515	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.56%
39) 2-Hexanone-d5	8.14	63	35170	55.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	90581	26.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	114399	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

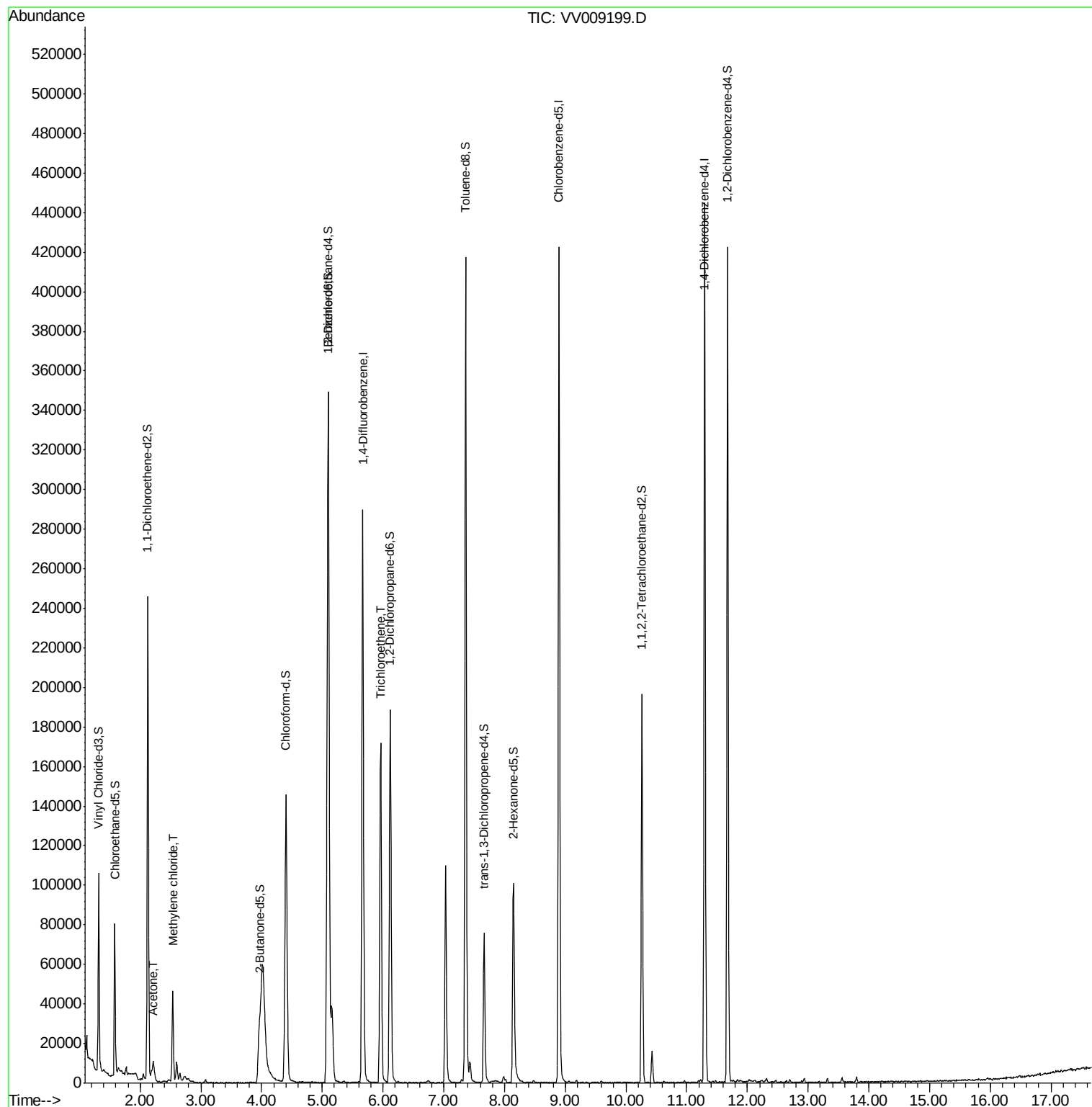
					Ovalue
13) Acetone	2.22	43	16311	10.581	ug/L 94
16) Methylene chloride	2.54	84	19408	5.157	ug/L 89
35) Trichloroethene	5.96	95	59800	16.383	ug/L 99

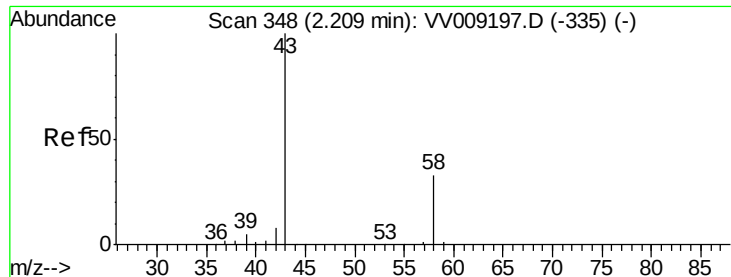
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.581 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

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Acq: 08 Jan 2019 17:55

Instrument :

MSVOA_V

ClientSampled :

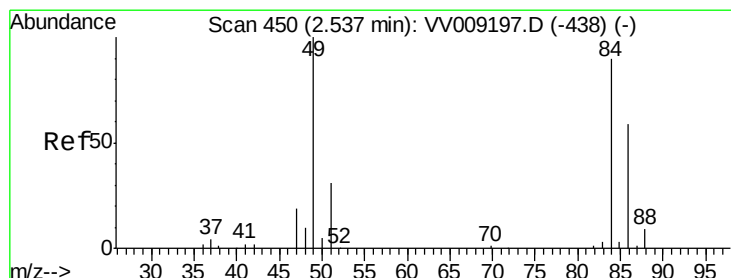
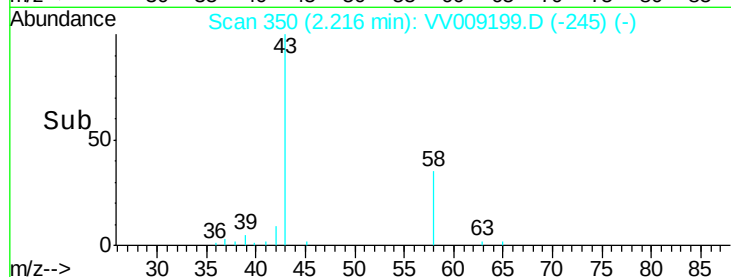
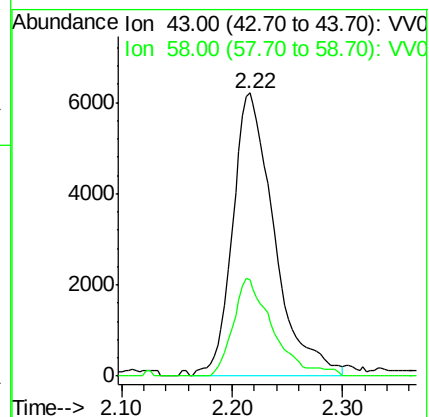
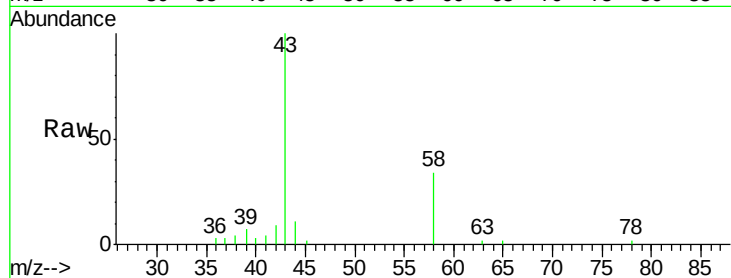
BE9X3

Tot Ion: 43 Resp: 16311

Ion Ratio Lower Upper

43 100

58 31.9 0.0 57.8



#16

Methylene chloride

Concen: 5.157 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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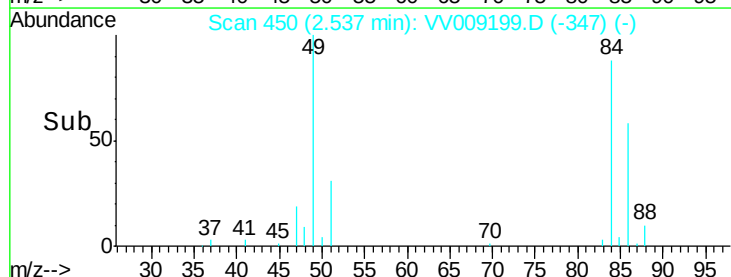
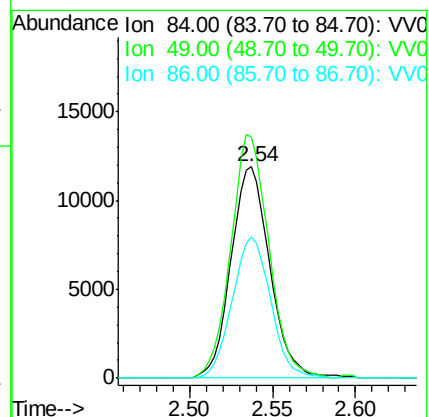
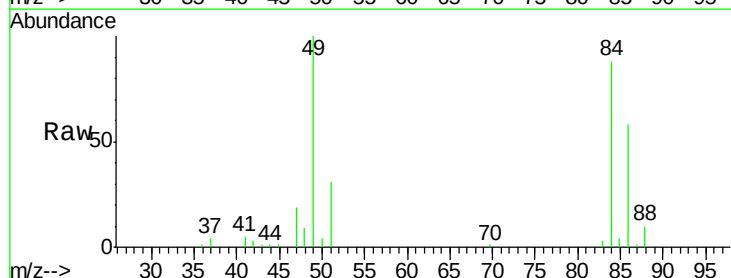
Tgt Ion: 84 Resp: 19408

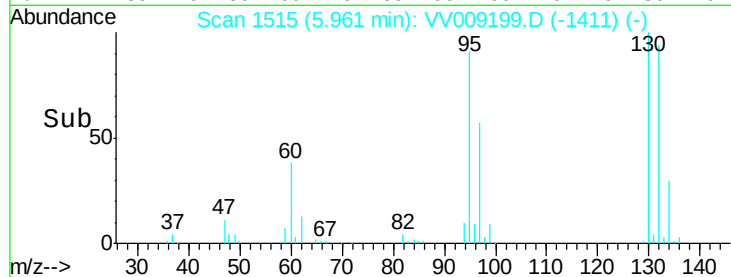
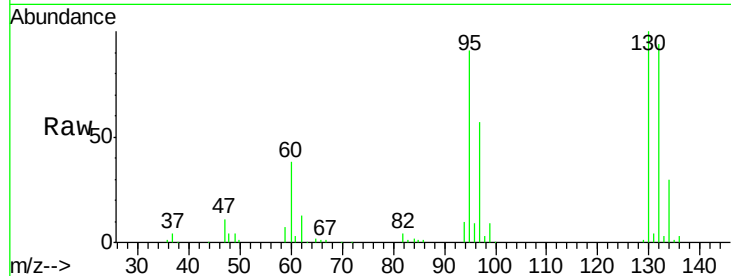
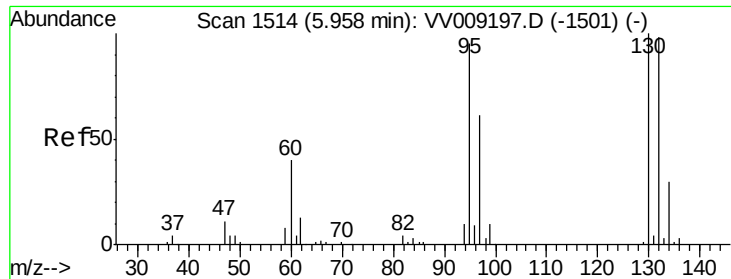
Ion Ratio Lower Upper

84 100

49 114.2 92.0 170.9

86 66.6 44.9 83.3





#35

Trichloroethene

Concen: 16.383 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 59800

Ion Ratio Lower Upper

95 100

97 62.4 44.7 82.9

132 100.9 71.2 132.2

130 106.8 74.4 138.2

Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

