

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009202.D
 Acq On : 08 Jan 2019 19:14
 Operator : SY/MD
 Sample : K1051-02
 Misc : 7.09 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X0

Quant Time: Jan 09 00:57:32 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	220514	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211338	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94553	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29588	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
7) Chloroethane-d5	1.58	69	30743	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.20%
10) 1,1-Dichloroethene-d2	2.13	63	75200	13.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.52%
20) 2-Butanone-d5	3.96	46	41883	47.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.74%
24) Chloroform-d	4.40	84	115176	22.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	67709	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	5.10	84	223905	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	6.12	67	70159	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	7.36	98	195993	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	7.67	79	28652	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	8.14	63	26888	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72474	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	81752	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

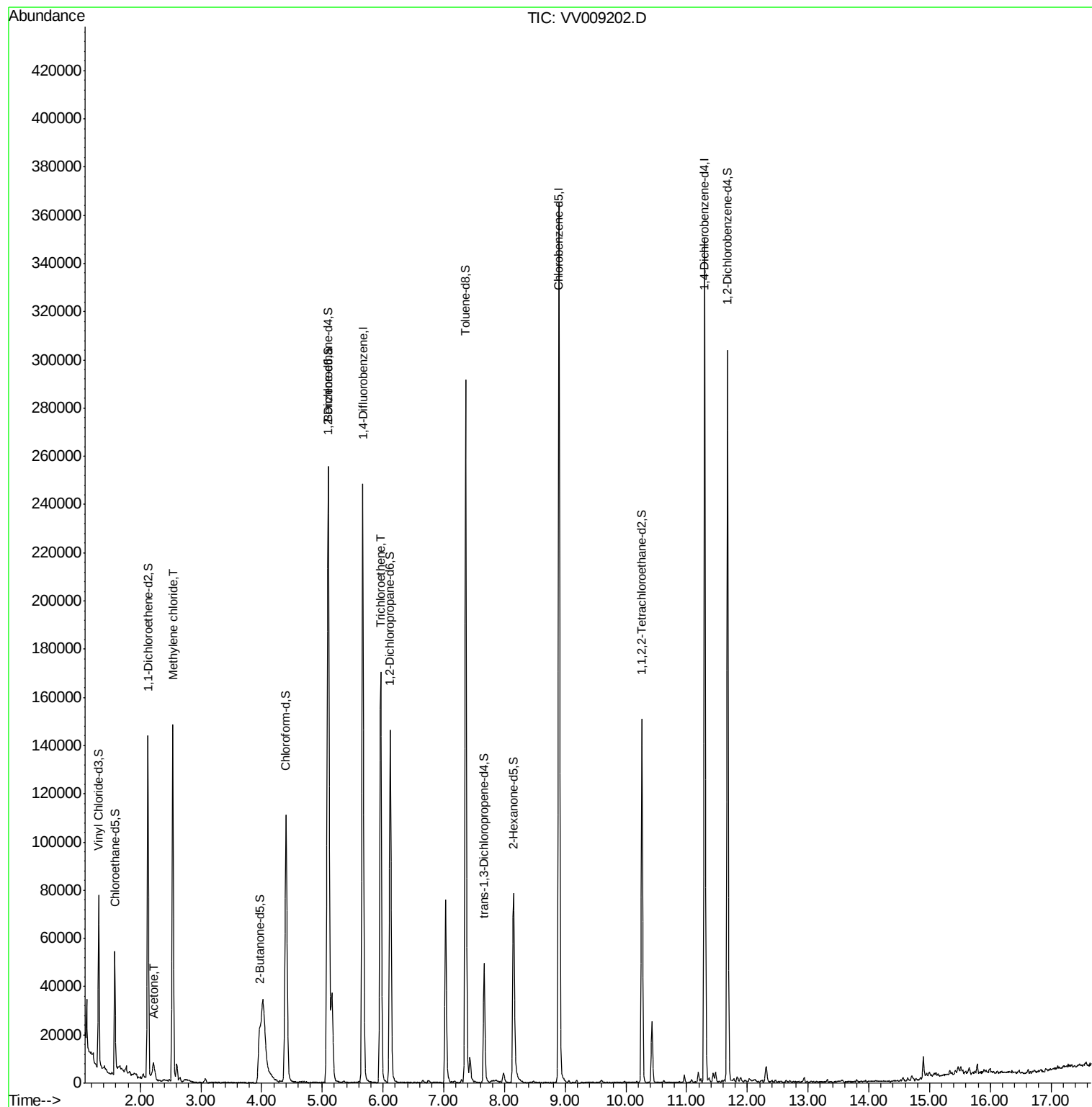
Target Compounds					Ovalue
13) Acetone	2.22	43	13335	10.213 ug/L	88
16) Methylene chloride	2.54	84	62766	19.691 ug/L	89
35) Trichloroethene	5.96	95	58572	18.442 ug/L	99

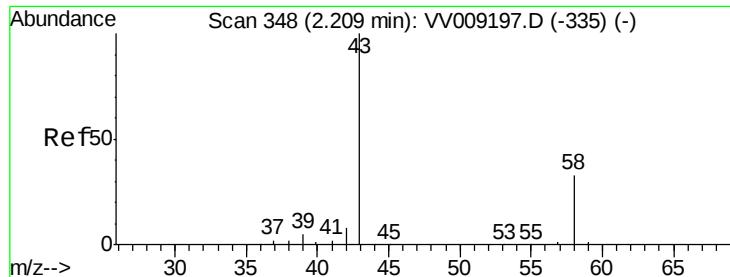
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.213 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV009202.D

Acq: 08 Jan 2019 19:14

Instrument :

MSVOA_V

ClientSampled :

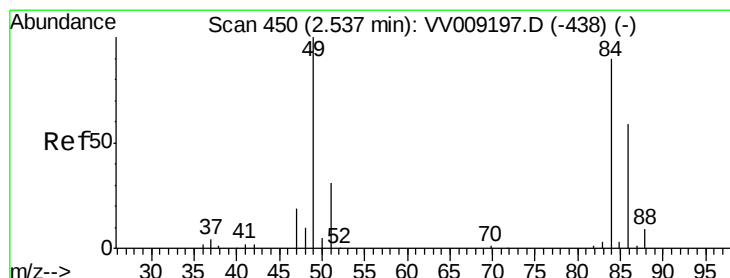
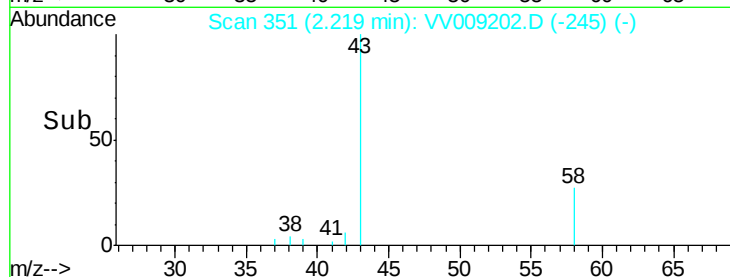
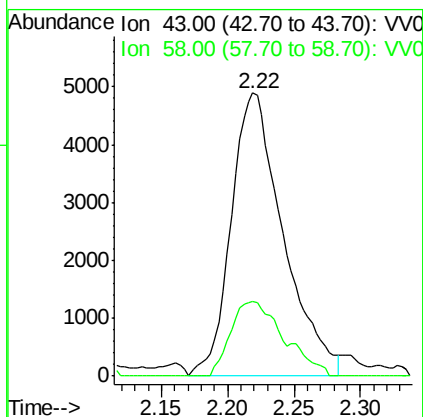
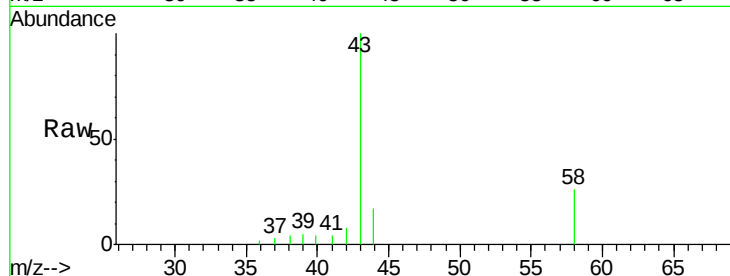
BE9X0

Tot Ion: 43 Resp: 13335

Ion Ratio Lower Upper

43 100

58 22.7 0.0 57.8



#16

Methylene chloride

Concen: 19.691 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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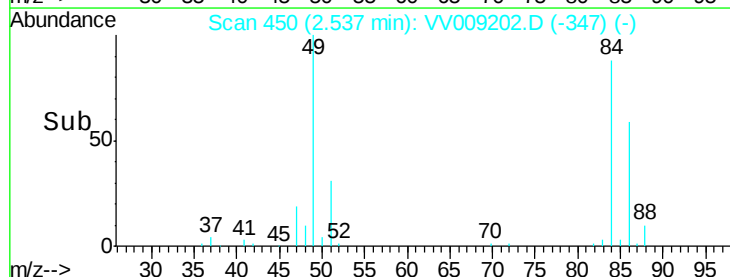
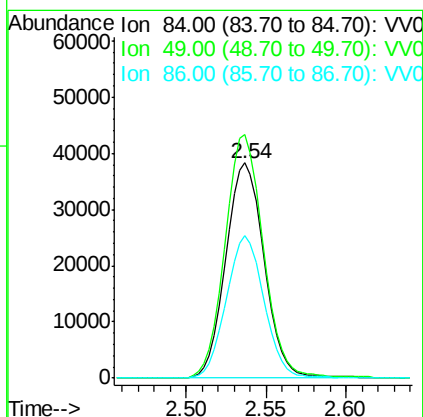
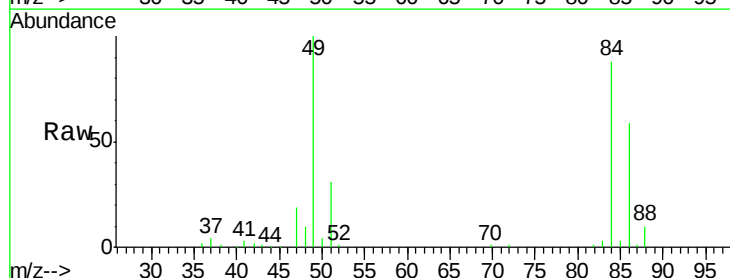
Tgt Ion: 84 Resp: 62766

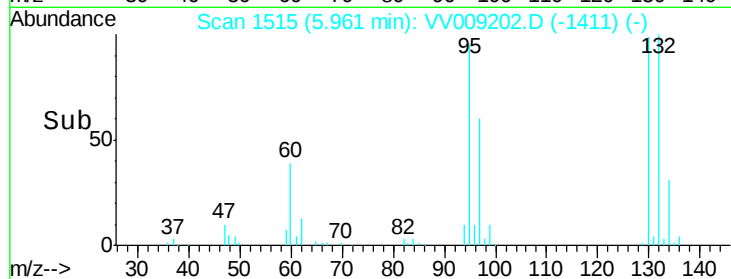
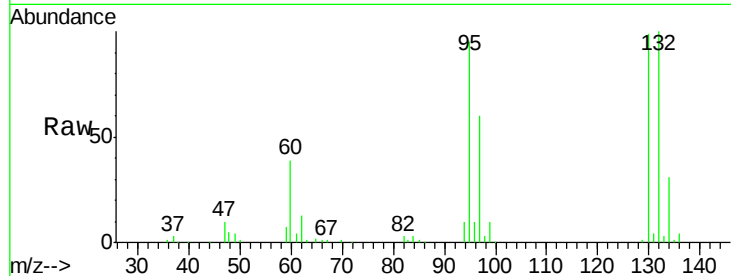
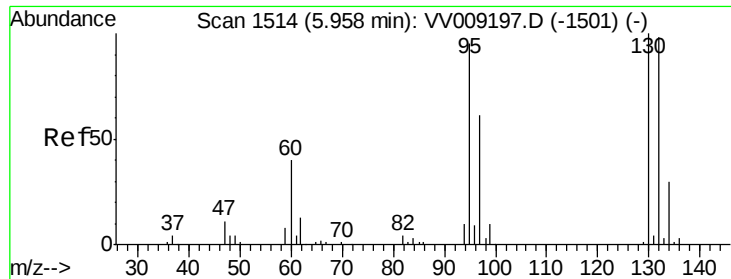
Ion Ratio Lower Upper

84 100

49 113.1 92.0 170.9

86 66.2 44.9 83.3





#35

Trichloroethene

Concen: 18.442 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 58572

Ion Ratio Lower Upper

95 100

97 64.0 44.7 82.9

132 103.4 71.2 132.2

130 104.6 74.4 138.2

