

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009172.D
 Acq On : 04 Jan 2019 21:50
 Operator : SY/MD
 Sample : K1051-03
 Misc : 6.42 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X1

Quant Time: Jan 05 05:56:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181921	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82784	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24893	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	1.58	69	24394	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	2.13	63	63349	15.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.92%
20) 2-Butanone-d5	3.96	46	34871	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
24) Chloroform-d	4.40	84	88618	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.08	65	52212	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	5.10	84	174205	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	6.12	67	54353	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	7.36	98	155176	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	7.67	79	23315	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.32%
39) 2-Hexanone-d5	8.14	63	23761	47.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59215	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	68133	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds

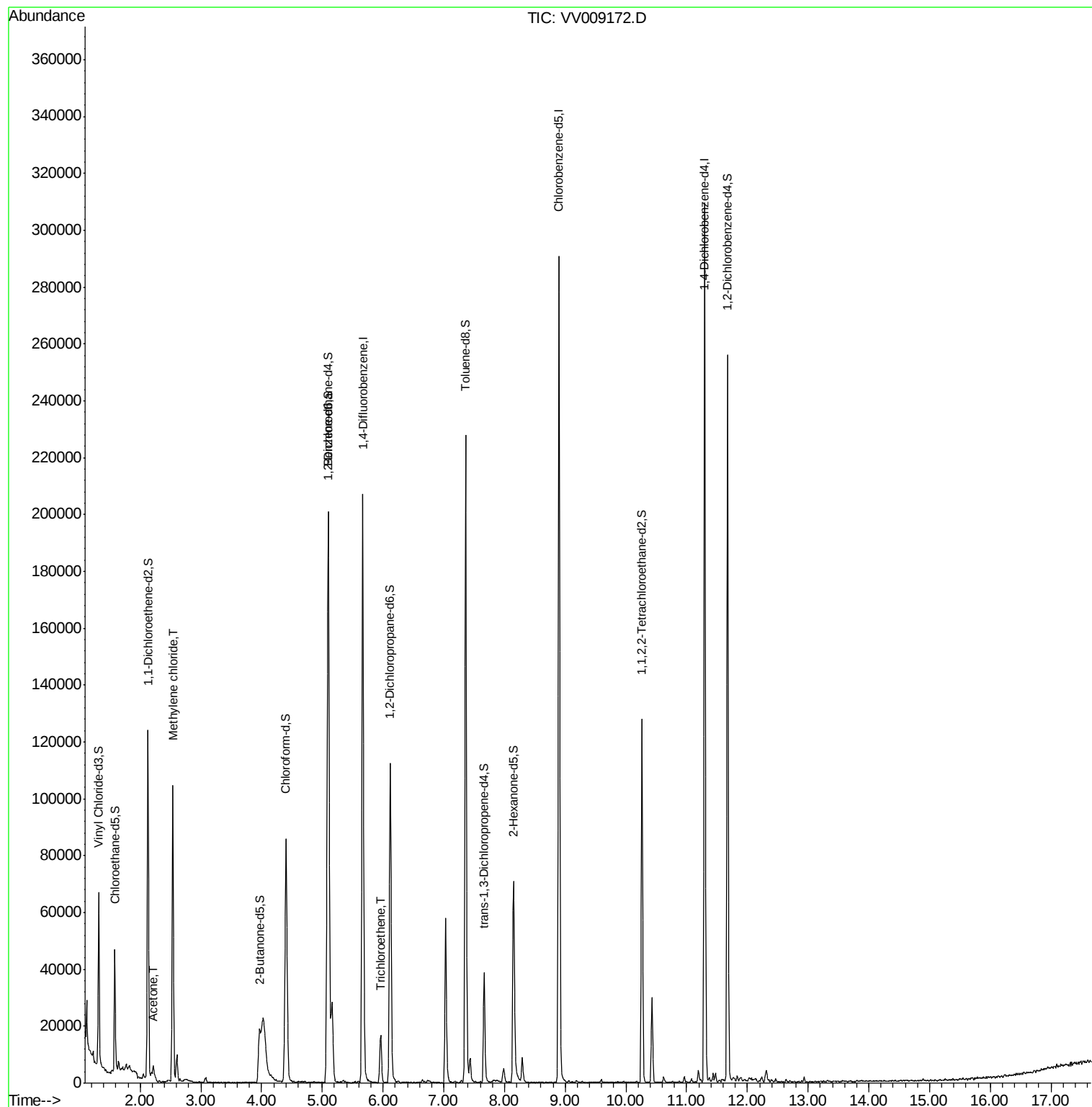
					Ovalue
13) Acetone	2.22	43	7399	5.964 ug/L	94
16) Methylene chloride	2.54	84	43522	16.013 ug/L	95
35) Trichloroethene	5.96	95	5259	2.060 ug/L #	61

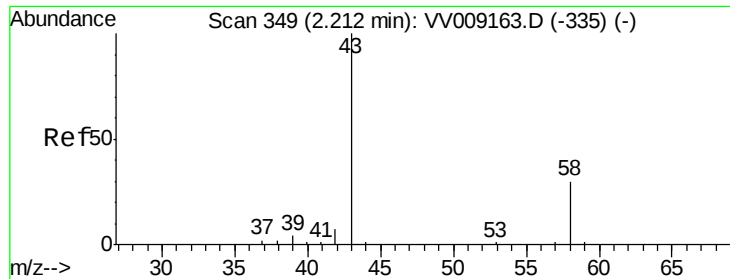
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.964 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

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Acq: 04 Jan 2019 21:50

Instrument :

MSVOA_V

ClientSampleId :

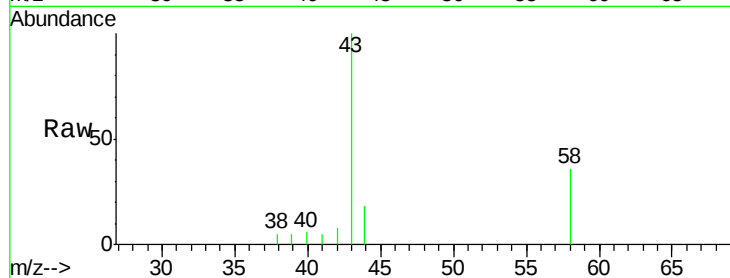
BE9X1

Tot Ion: 43 Resp: 7399

Ion Ratio Lower Upper

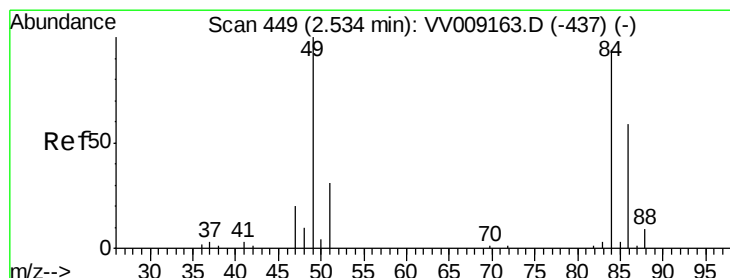
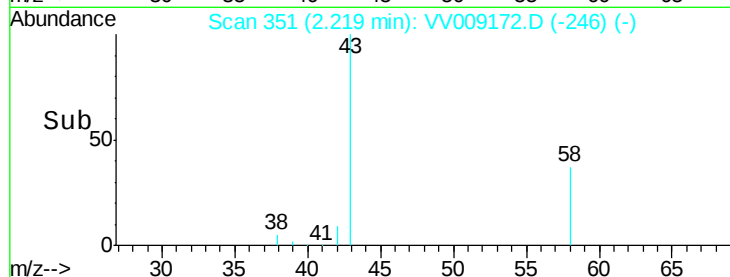
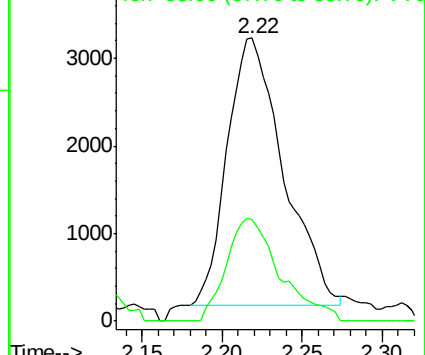
43 100

58 30.1 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009163.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009163.D (-335) (-)



#16

Methylene chloride

Concen: 16.013 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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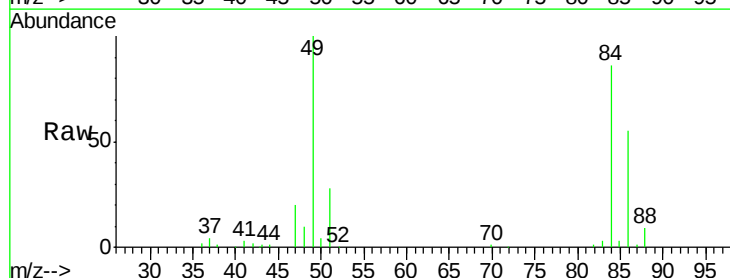
Tgt Ion: 84 Resp: 43522

Ion Ratio Lower Upper

84 100

49 116.5 77.6 144.2

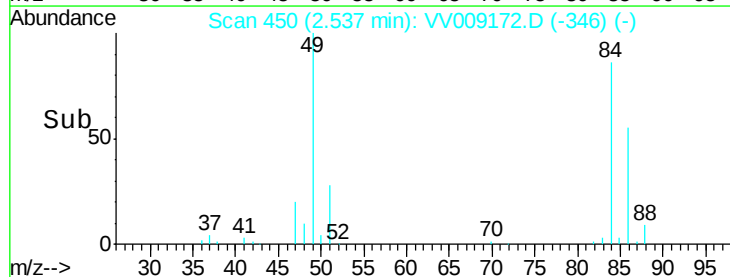
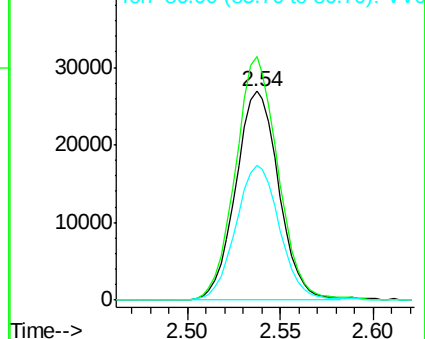
86 64.5 47.4 88.0

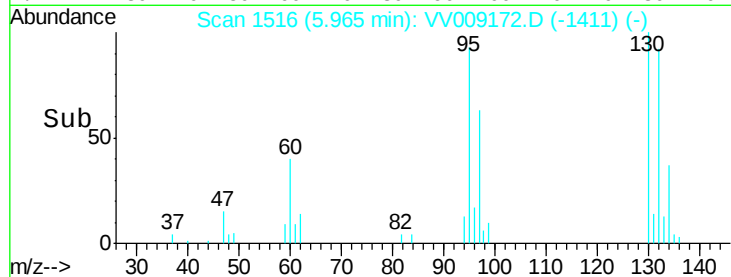
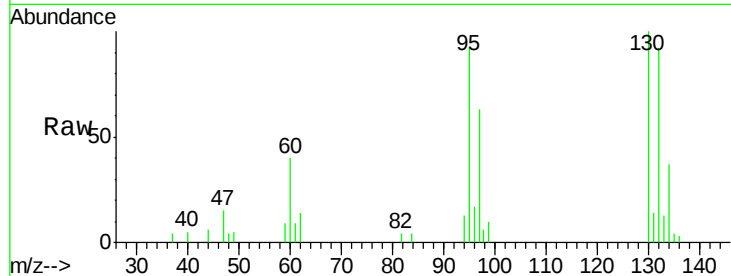
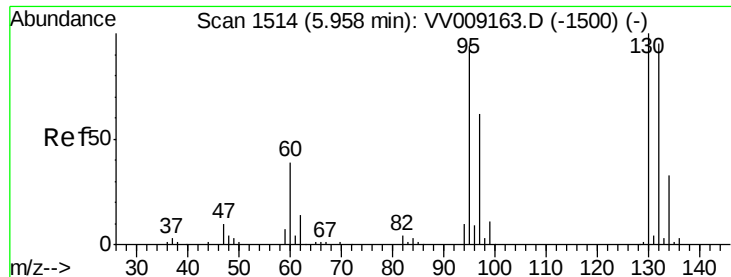


Abundance Ion 84.00 (83.70 to 84.70): VV009163.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009163.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009163.D (-437) (-)





#35

Trichloroethene

Concen: 2.060 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

BE9X1

Tot Ion: 95 Resp: 5259

Ion Ratio Lower Upper

95 100

97 64.1 46.2 85.8

132 0.0 73.9 137.3#

130 111.4 77.0 143.0

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

