

Data File : VV009182.D
Acq On : 07 Jan 2019 14:34
Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W1

Quant Time: Jan 08 00:30:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 00:28:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230680	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215156	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108316	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32663	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.84%
7) Chloroethane-d5	1.58	69	33552	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
10) 1,1-Dichloroethene-d2	2.13	63	81311	15.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.68%
20) 2-Butanone-d5	3.96	46	36140	32.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.12%
24) Chloroform-d	4.40	84	114390	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	64224	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	5.10	84	225844	23.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.24%
33) 1,2-Dichloropropane-d6	6.12	67	68977	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.40%
37) Toluene-d8	7.36	98	204984	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.68%
38) trans-1,3-Dichloropropene-	7.66	79	30008	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.04%
39) 2-Hexanone-d5	8.14	63	21860	33.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69128	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	87807	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

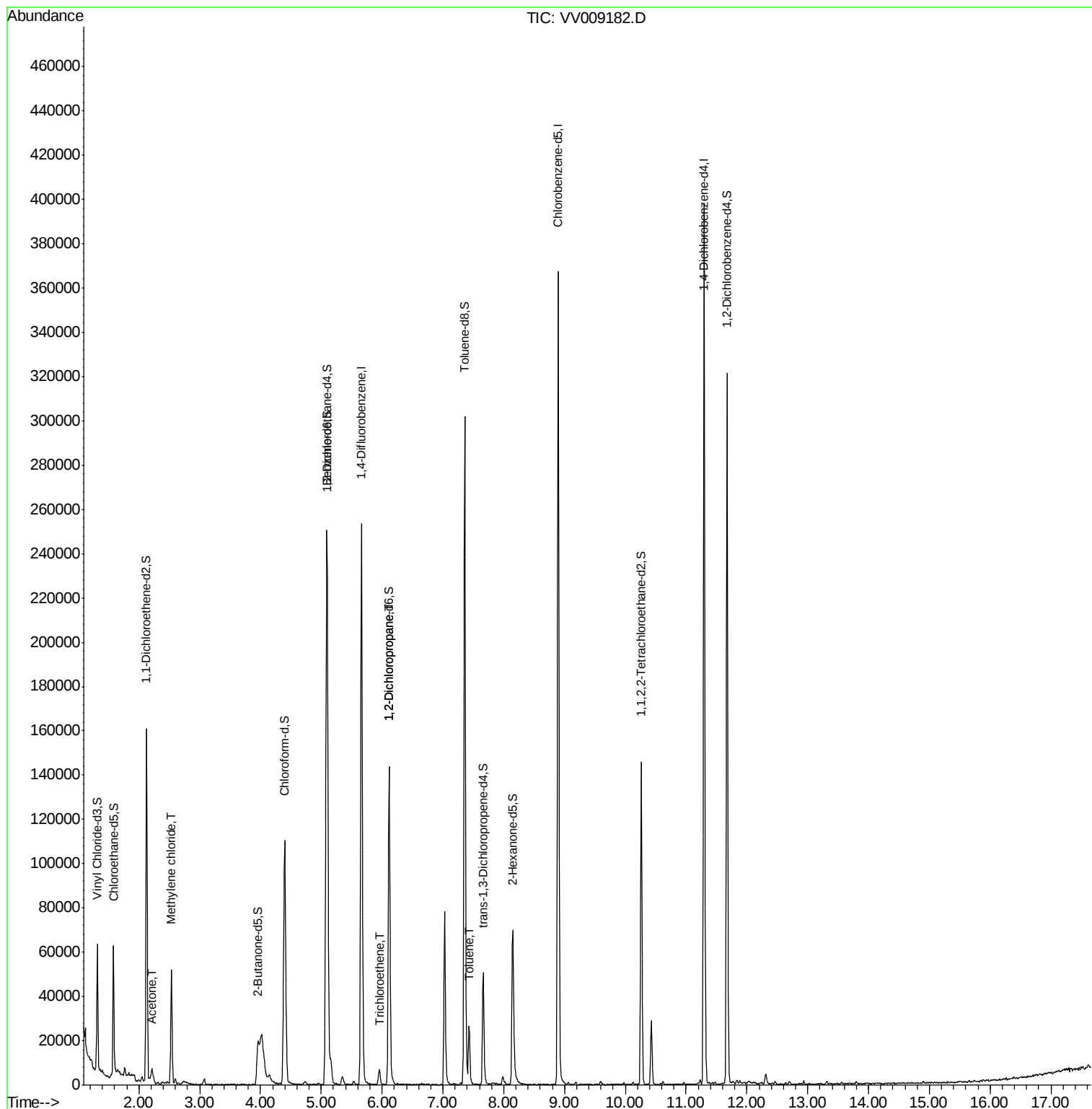
					Qvalue
13) Acetone	2.21	43	11267	7.162 ug/L	94
16) Methylene chloride	2.53	84	22583	6.553 ug/L	99
35) Trichloroethene	5.96	95	1958	0.588 ug/L	92
40) 1,2-Dichloropropane	6.11	63	8036	2.883 ug/L #	85
44) Toluene	7.43	91	18722	1.501 ug/L	99

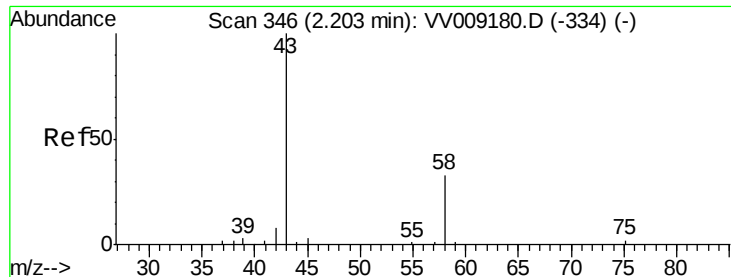
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.162 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Acq: 07 Jan 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

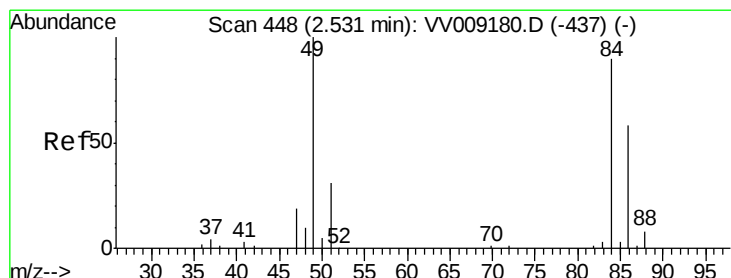
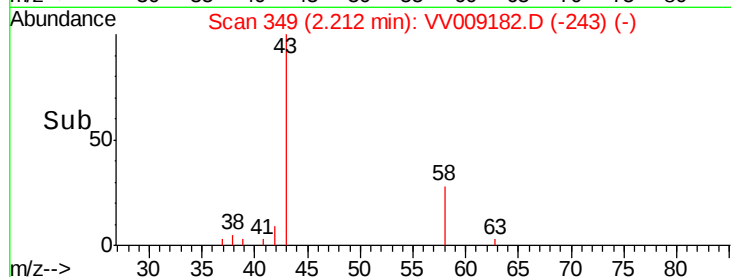
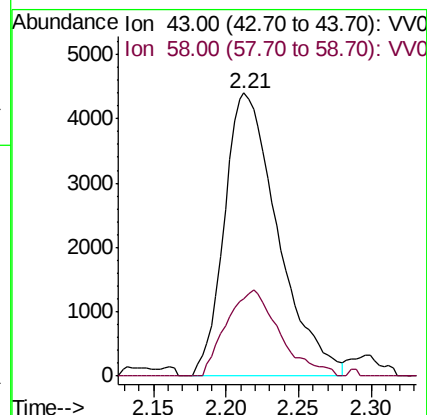
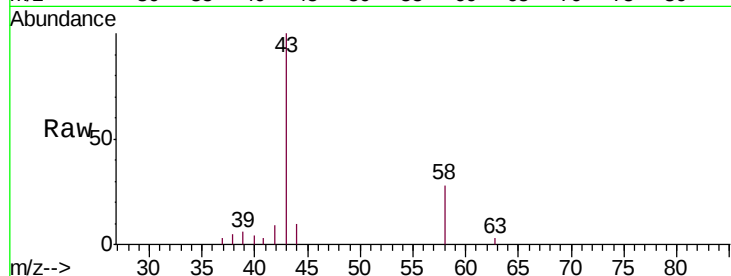
BE9W1

Tgt Ion: 43 Resp: 11267

Ion Ratio Lower Upper

43 100

58 30.4 0.0 67.0



#16

Methylene chloride

Concen: 6.553 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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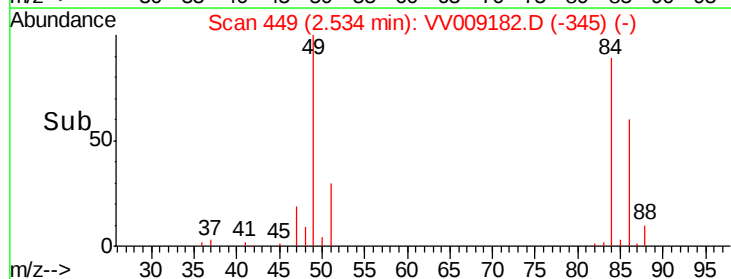
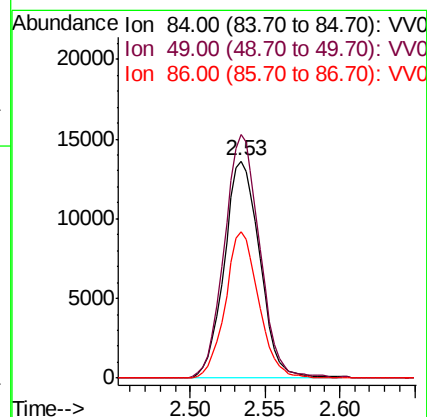
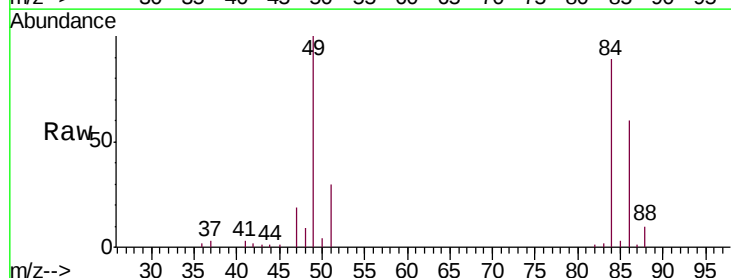
Tgt Ion: 84 Resp: 22583

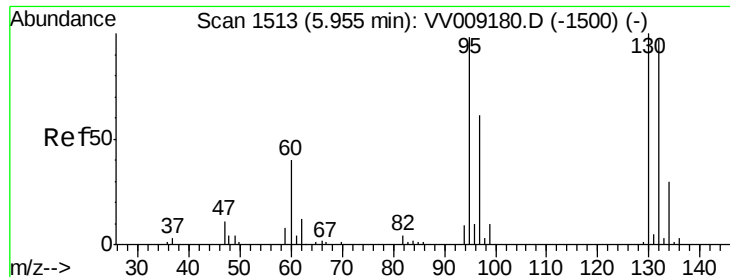
Ion Ratio Lower Upper

84 100

49 112.2 77.6 144.2

86 67.3 47.4 88.0





#35

Trichloroethene

Concen: 0.588 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV009182.D

Acq: 07 Jan 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

BE9W1

Tgt Ion: 95 Resp: 1958

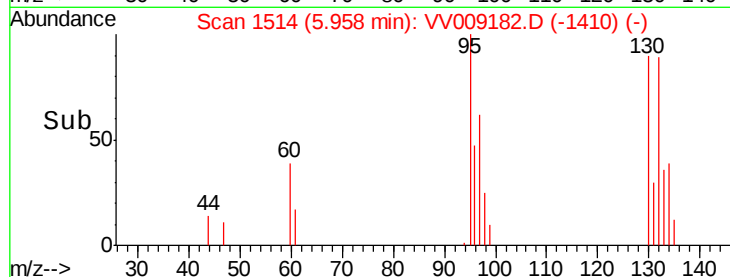
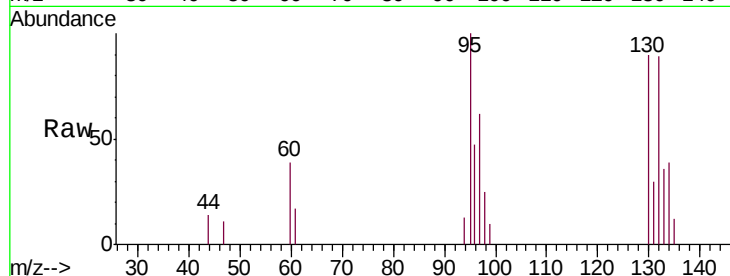
Ion Ratio Lower Upper

95 100

97 61.6 46.2 85.8

132 99.7 73.9 137.3

130 98.6 77.0 143.0

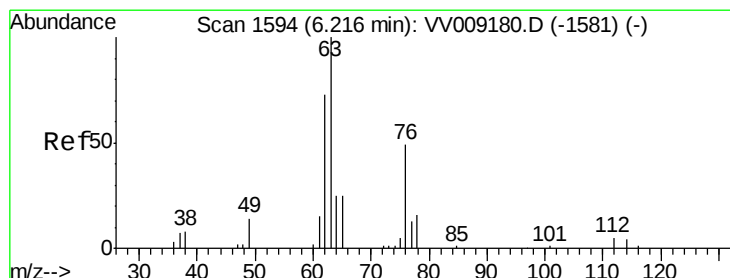
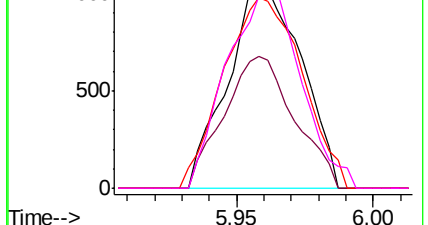


Abundance Ion 95.00 (94.70 to 95.70): VV009182.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV009182.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV009182.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV009182.D (-1410) (-)



#40

1,2-Dichloropropane

Concen: 2.883 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV009182.D

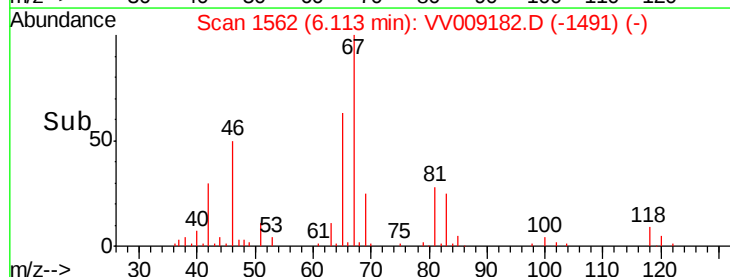
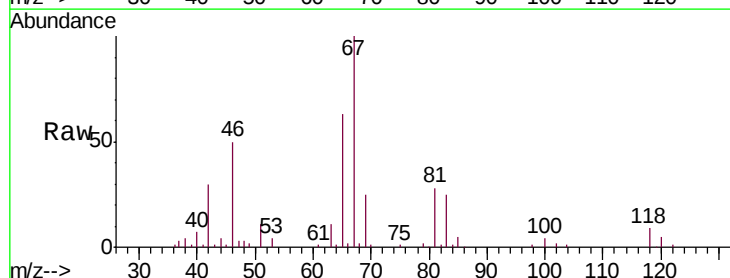
Acq: 07 Jan 2019 14:34

Tgt Ion: 63 Resp: 8036

Ion Ratio Lower Upper

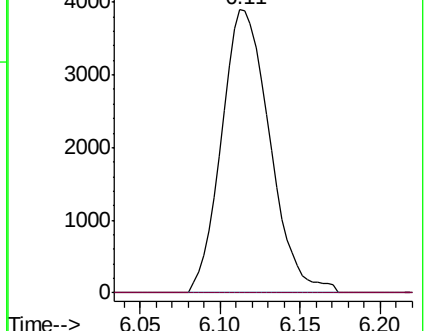
63 100

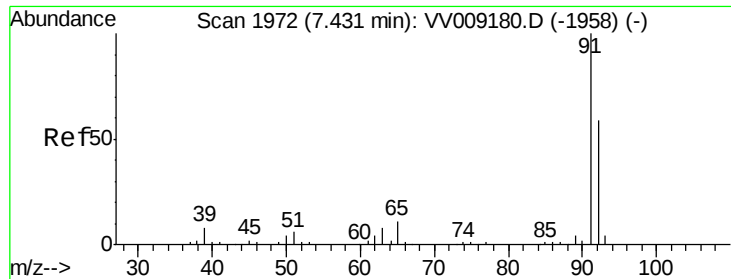
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV009182.D (-1491) (-)

Ion 112.00 (111.70 to 112.70): VV009182.D (-1491) (-)





#44

Toluene

Concen: 1.501 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV009182.D

Acq: 07 Jan 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

BE9W1

Tgt Ion: 91 Resp: 18722

Ion Ratio Lower Upper

91 100

92 58.7 41.7 77.5

