

Data File : VV009379.D
Acq On : 26 Feb 2019 20:48
Operator : SY/MD
Sample : K1622-01
Misc : 3.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H6

Quant Time: Feb 27 04:48:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153867	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65299	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36441	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
7) Chloroethane-d5	1.58	69	61392	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
10) 1,1-Dichloroethene-d2	2.12	63	83935	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	4.14	46	133	0.23	ug/L	0.19
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.46%#
24) Chloroform-d	4.40	84	90538	24.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.08	65	54543	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.68%
29) Benzene-d6	5.10	84	183691	23.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.36%
33) 1,2-Dichloropropane-d6	6.12	67	58554	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	7.36	98	173793	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	7.67	79	25097	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	8.14	63	19419	40.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54097	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	60284	24.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.68%

Target Compounds

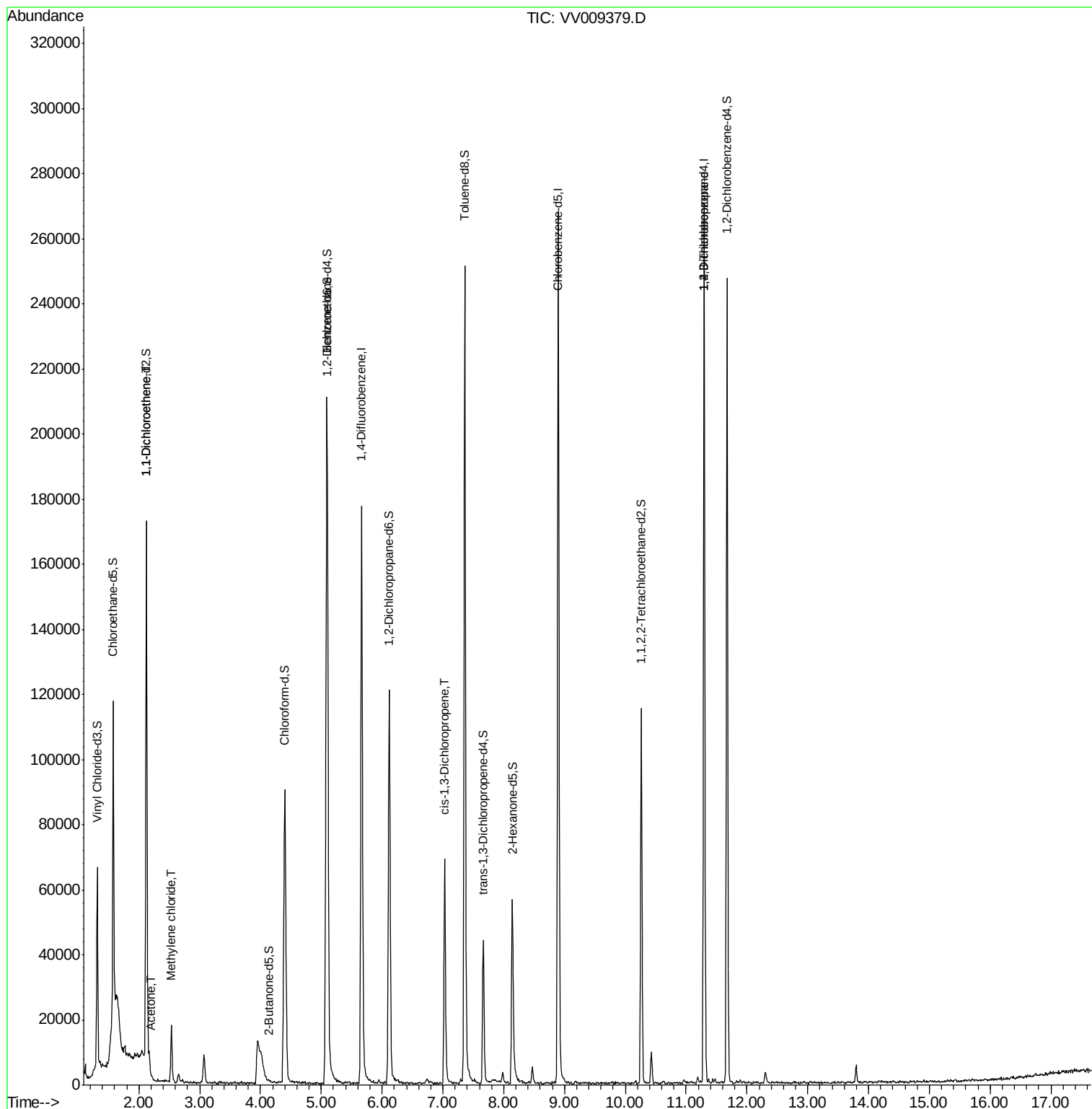
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	946	0.428	ug/L #	1
13) Acetone	2.21	43	618	0.927	ug/L	87
16) Methylene chloride	2.53	84	7135	3.424	ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	2204	0.691	ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	9960	6.201	ug/L #	88

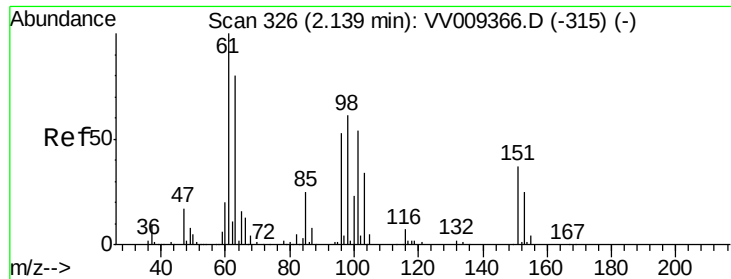
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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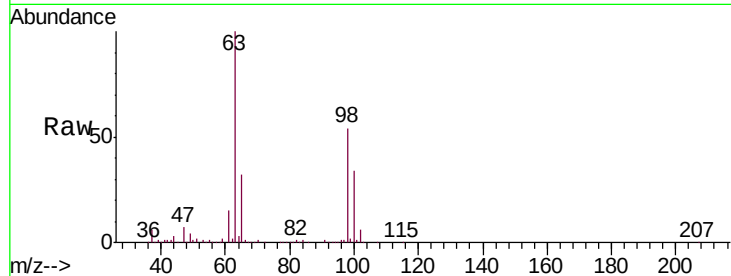




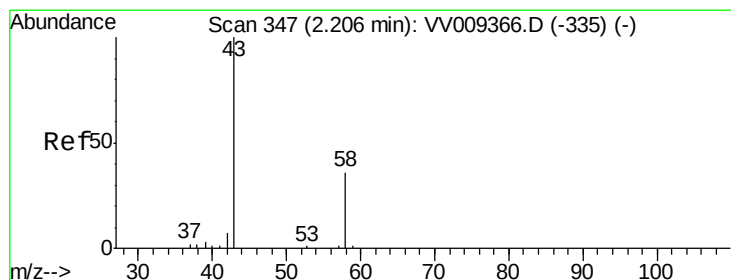
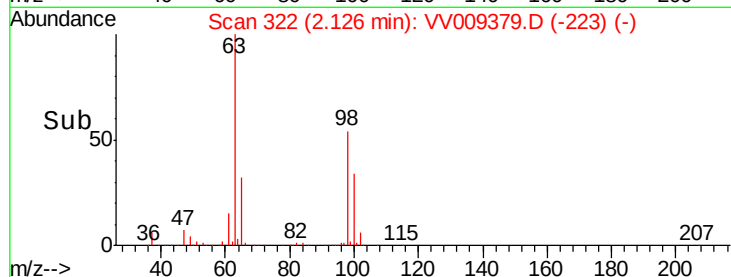
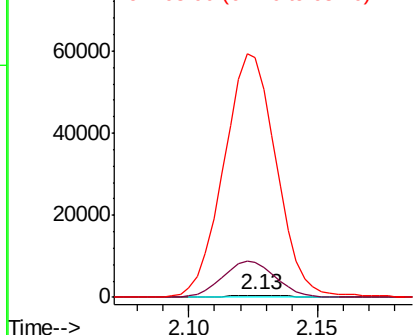
#12
 1,1-Dichloroethene
 Concen: 0.428 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV009379.D
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 MSVOA_V
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Tgt Ion: 96 Resp: 946
 Ion Ratio Lower Upper
 96 100
 61 1764.0 136.9 254.3#
 63 11864.8 108.7 201.9#

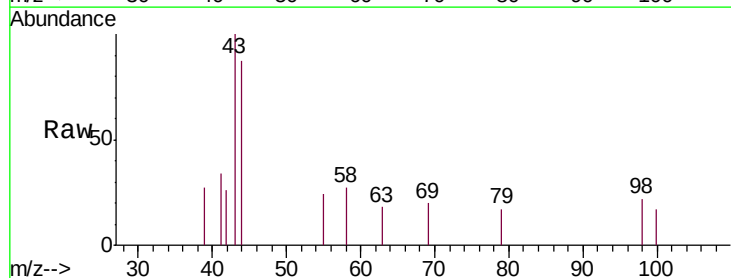


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

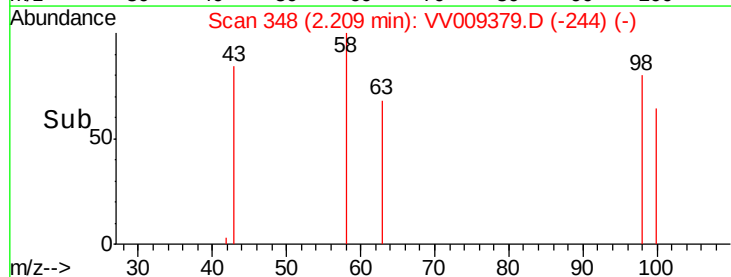
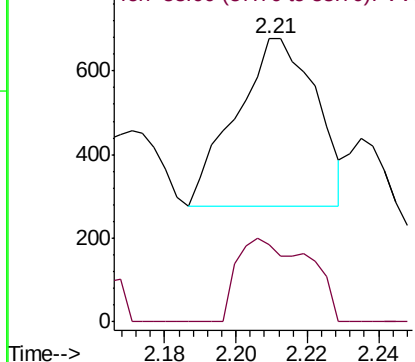


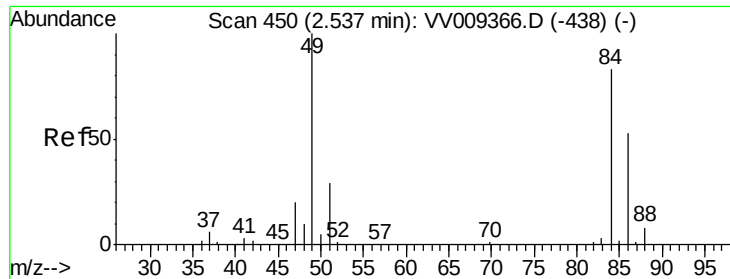
#13
 Acetone
 Concen: 0.927 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV009379.D
 Acq: 26 Feb 2019 20:48

Tgt Ion: 43 Resp: 618
 Ion Ratio Lower Upper
 43 100
 58 27.0 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0

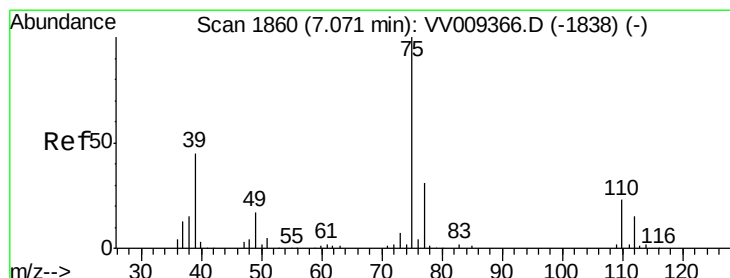
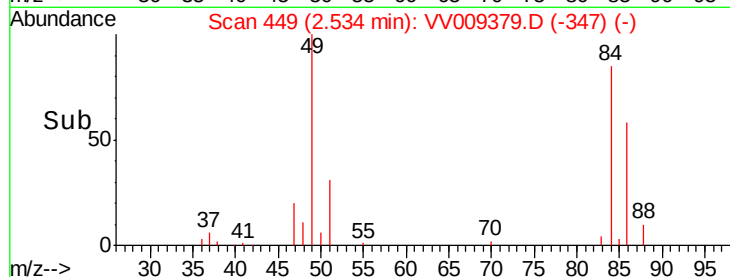
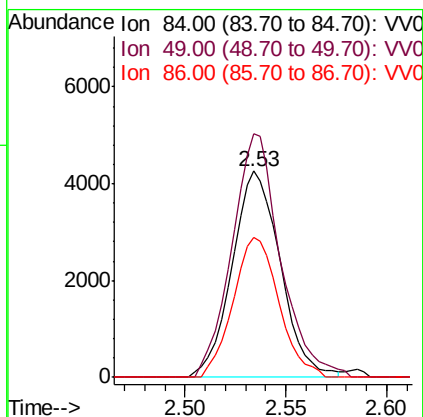
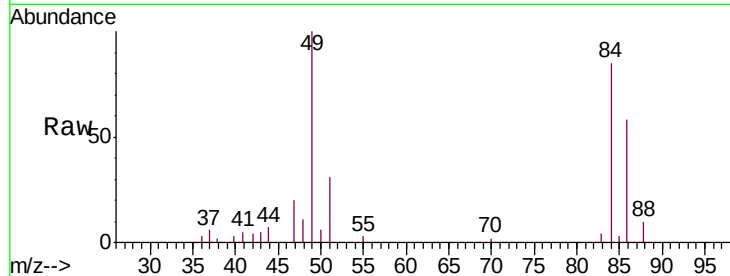




#16
Methylene chloride
Concen: 3.424 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
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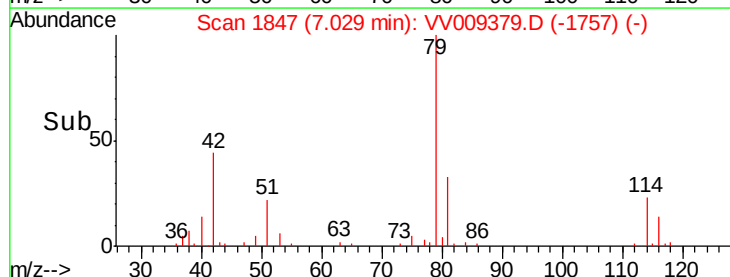
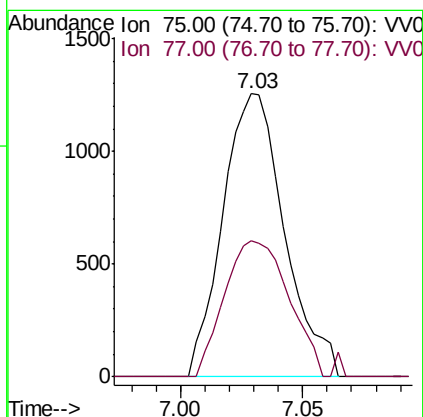
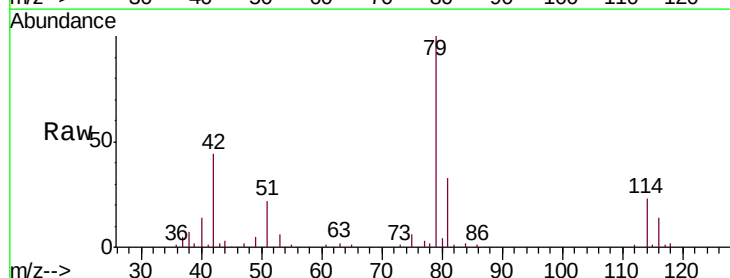
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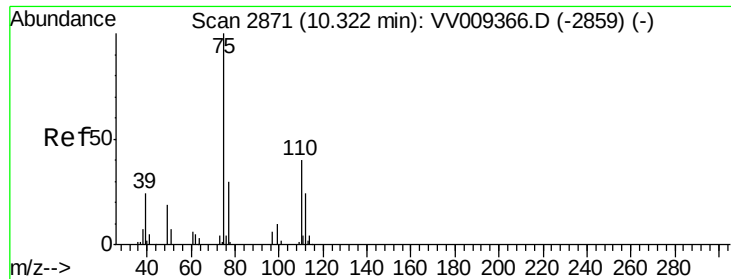
Tgt Ion: 84 Resp: 7135
Ion Ratio Lower Upper
84 100
49 118.0 84.6 157.0
86 68.0 46.1 85.7



#42
cis-1,3-Dichloropropene
Concen: 0.691 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009379.D
Acq: 26 Feb 2019 20:48

Tgt Ion: 75 Resp: 2204
Ion Ratio Lower Upper
75 100
77 48.0 21.4 39.8#





#59

1,2,3-Trichloropropane

Concen: 6.201 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009379.D

Acq: 26 Feb 2019 20:48

Instrument :

MSVOA_V

ClientSampleId :

BF5H6

Tgt Ion: 75 Resp: 9960

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9#

