

Data File : VV009319.D
Acq On : 21 Feb 2019 12:41
Operator : SY/MD
Sample : K1543-03
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5X0

Quant Time: Feb 22 04:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152387	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65409	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48523	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	1.58	69	64999	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	2.13	63	96067	19.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.08%
20) 2-Butanone-d5	3.95	46	28176	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
24) Chloroform-d	4.40	84	84863	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.08	65	49054	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.28%
29) Benzene-d6	5.10	84	180336	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	6.12	67	56356	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.96%
37) Toluene-d8	7.36	98	168154	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	7.67	79	25502	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	8.14	63	25032	42.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53736	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	59835	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds

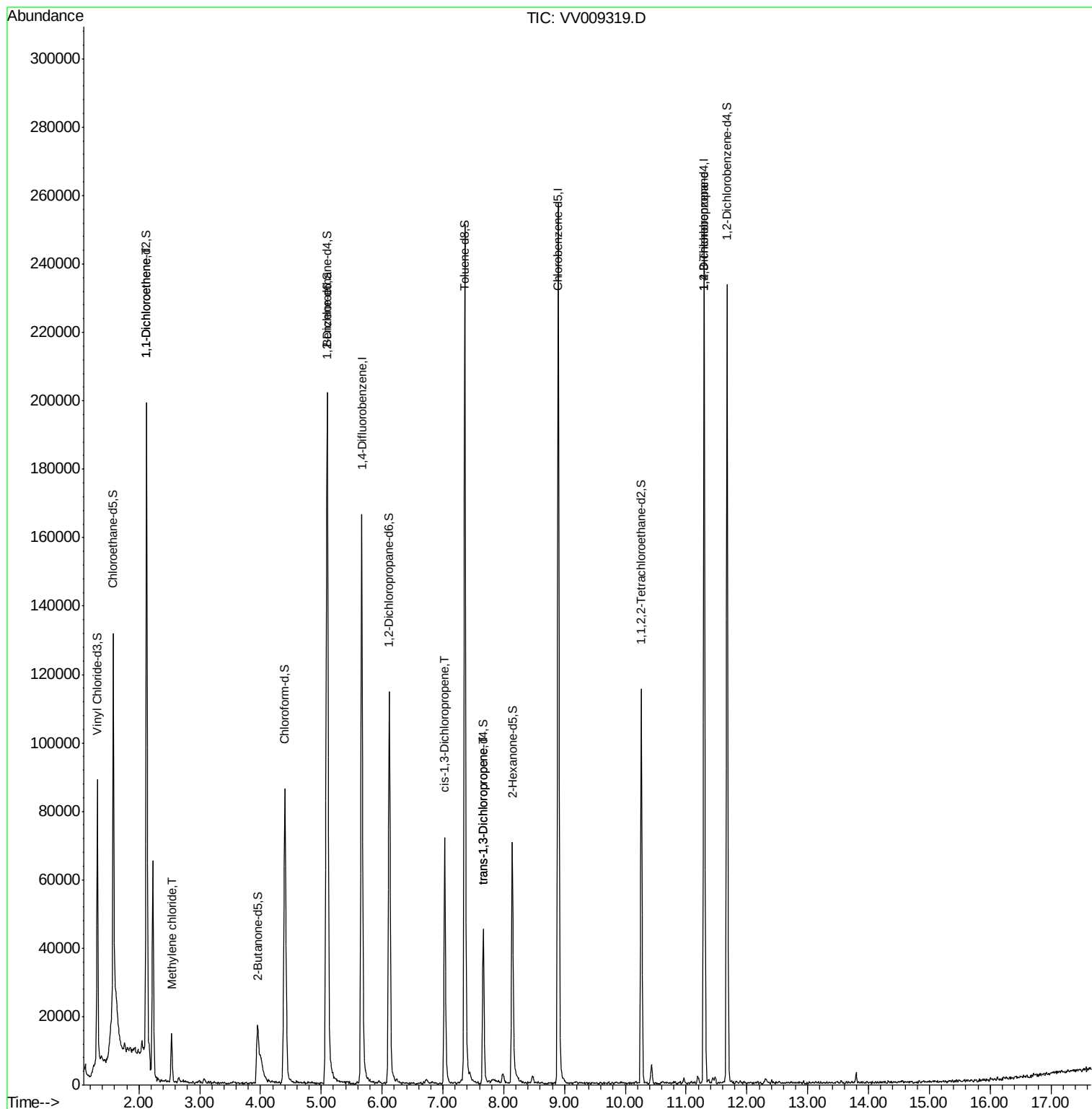
					Qvalue
12) 1,1-Dichloroethene	2.13	96	998	0.446 ug/L #	1
16) Methylene chloride	2.54	84	5942	2.578 ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	2082	0.641 ug/L #	40
45) trans-1,3-Dichloropropene	7.67	75	1360	0.479 ug/L	84
59) 1,2,3-Trichloropropane	11.30	75	8301	4.820 ug/L	91

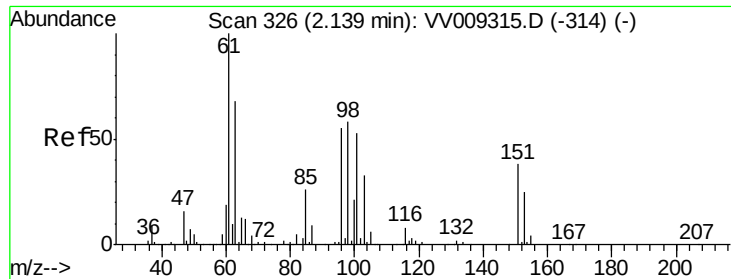
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.446 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Acq: 21 Feb 2019 12:41

Instrument :

MSVOA_V

ClientSampleId :

BF5X0

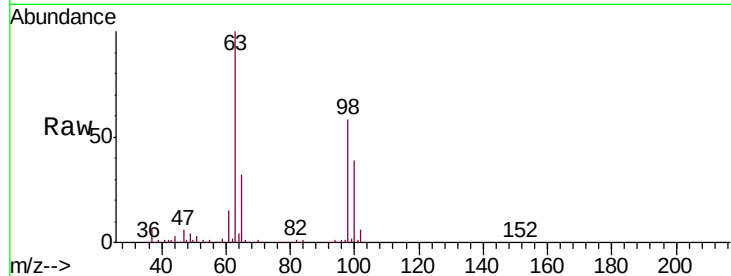
Tgt Ion: 96 Resp: 998

Ion Ratio Lower Upper

96 100

61 1219.0 123.3 228.9#

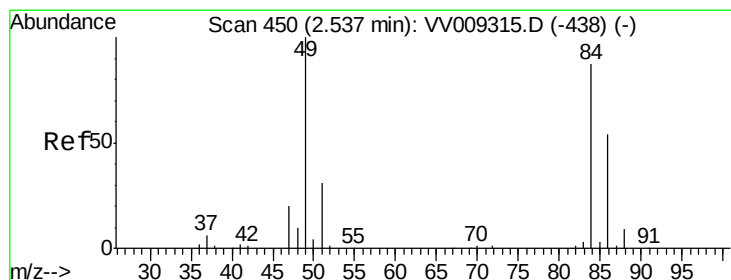
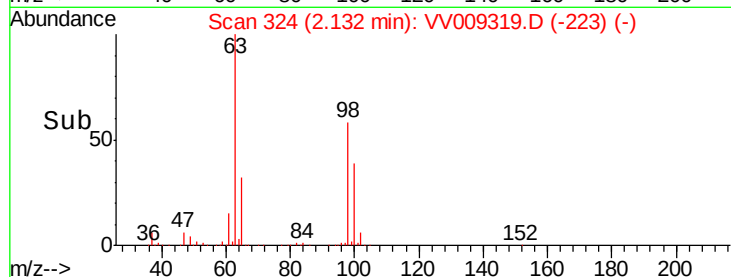
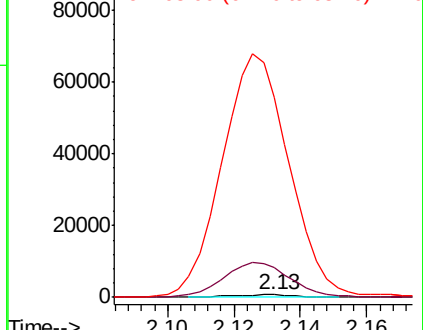
63 8197.9 88.4 164.2#



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



#16

Methylene chloride

Concen: 2.578 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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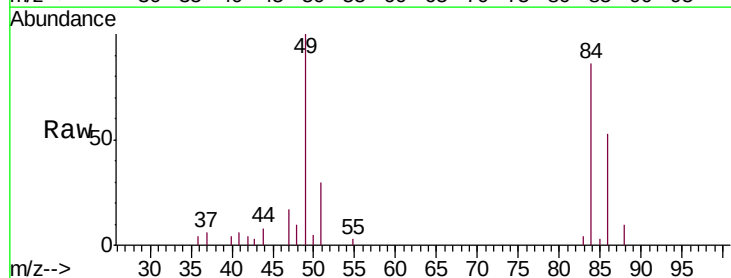
Tgt Ion: 84 Resp: 5942

Ion Ratio Lower Upper

84 100

49 115.8 78.7 146.1

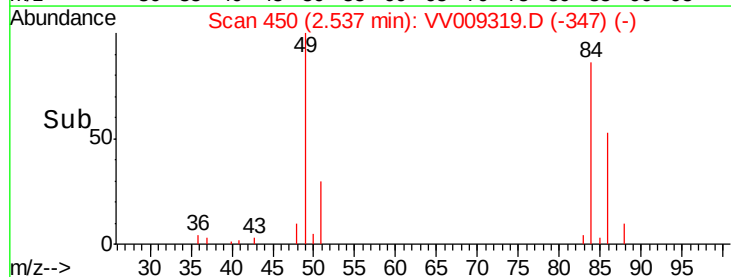
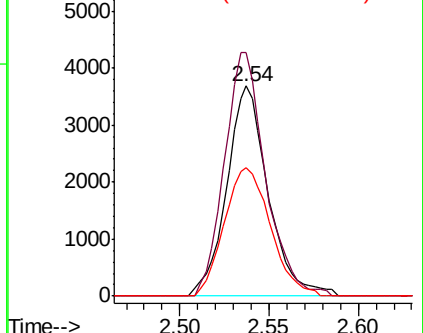
86 61.2 44.0 81.6

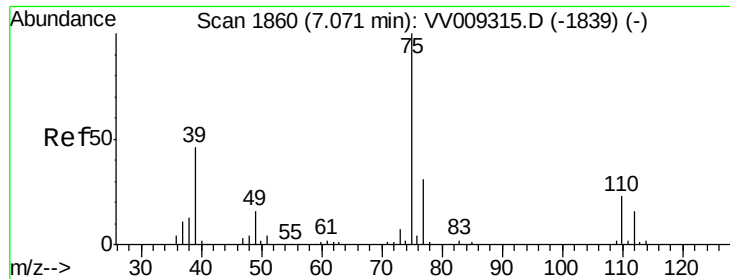


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



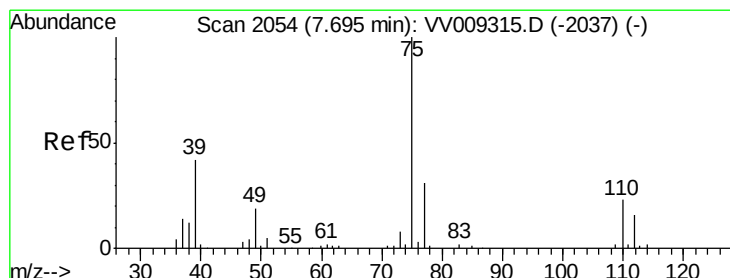
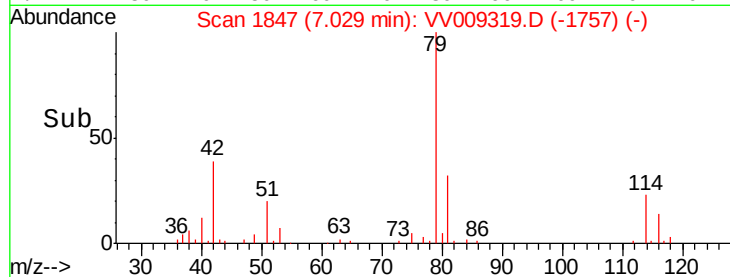
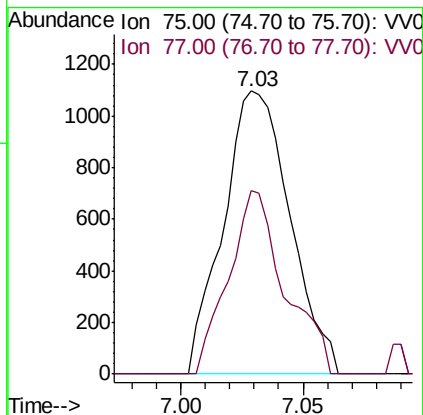
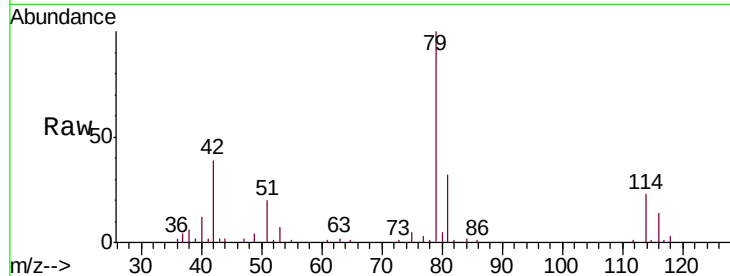


#42

cis-1,3-Dichloropropene
 Concen: 0.641 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
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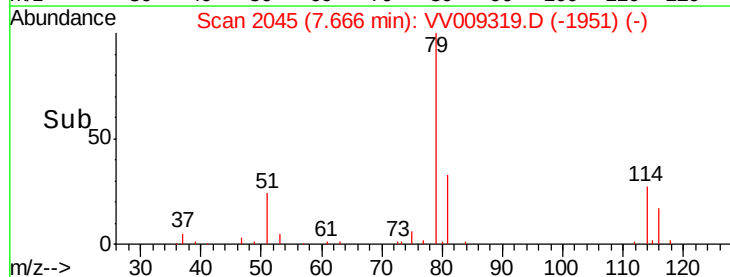
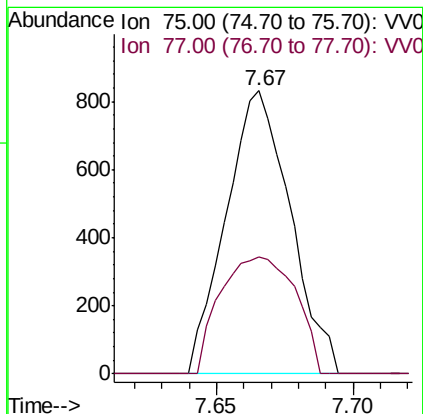
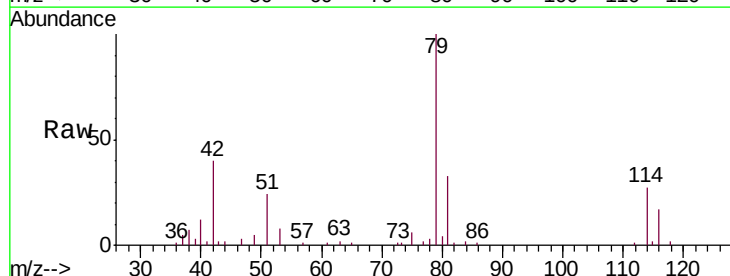
Tgt Ion: 75 Resp: 2082
 Ion Ratio Lower Upper
 75 100
 77 64.8 22.0 40.8#

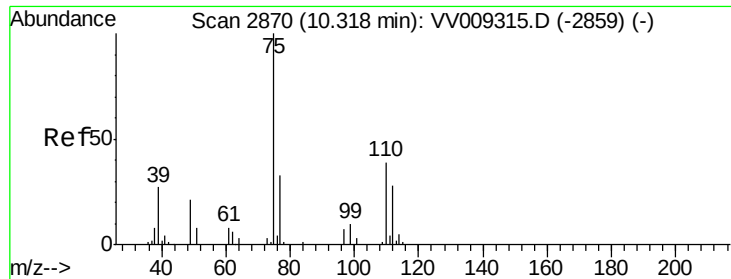


#45

trans-1,3-Dichloropropene
 Concen: 0.479 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009319.D
 Acq: 21 Feb 2019 12:41

Tgt Ion: 75 Resp: 1360
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 4.820 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009319.D
 Acq: 21 Feb 2019 12:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5X0

Tgt Ion: 75 Resp: 8301
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.3 39.5

