

Data File : VW009667.D
Acq On : 03 Apr 2019 19:27
Operator : SY/VA
Sample : K2119-14
Misc : 3.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A9

Quant Time: Apr 04 02:06:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	526284	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	495659	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219108	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	185979	27.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.04%
7) Chloroethane-d5	2.89	69	161460	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
10) 1,1-Dichloroethene-d2	4.01	63	295226	19.93	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.72%
20) 2-Butanone-d5	7.08	46	80714	36.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.20%
24) Chloroform-d	7.64	84	356734	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.53	65	69	0.01	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	688862	26.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.88%
33) 1,2-Dichloropropane-d6	9.27	67	201582	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.32%
37) Toluene-d8	10.32	98	631055	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	10.58	79	85324	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	10.93	63	57632	38.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147084	19.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	204777	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

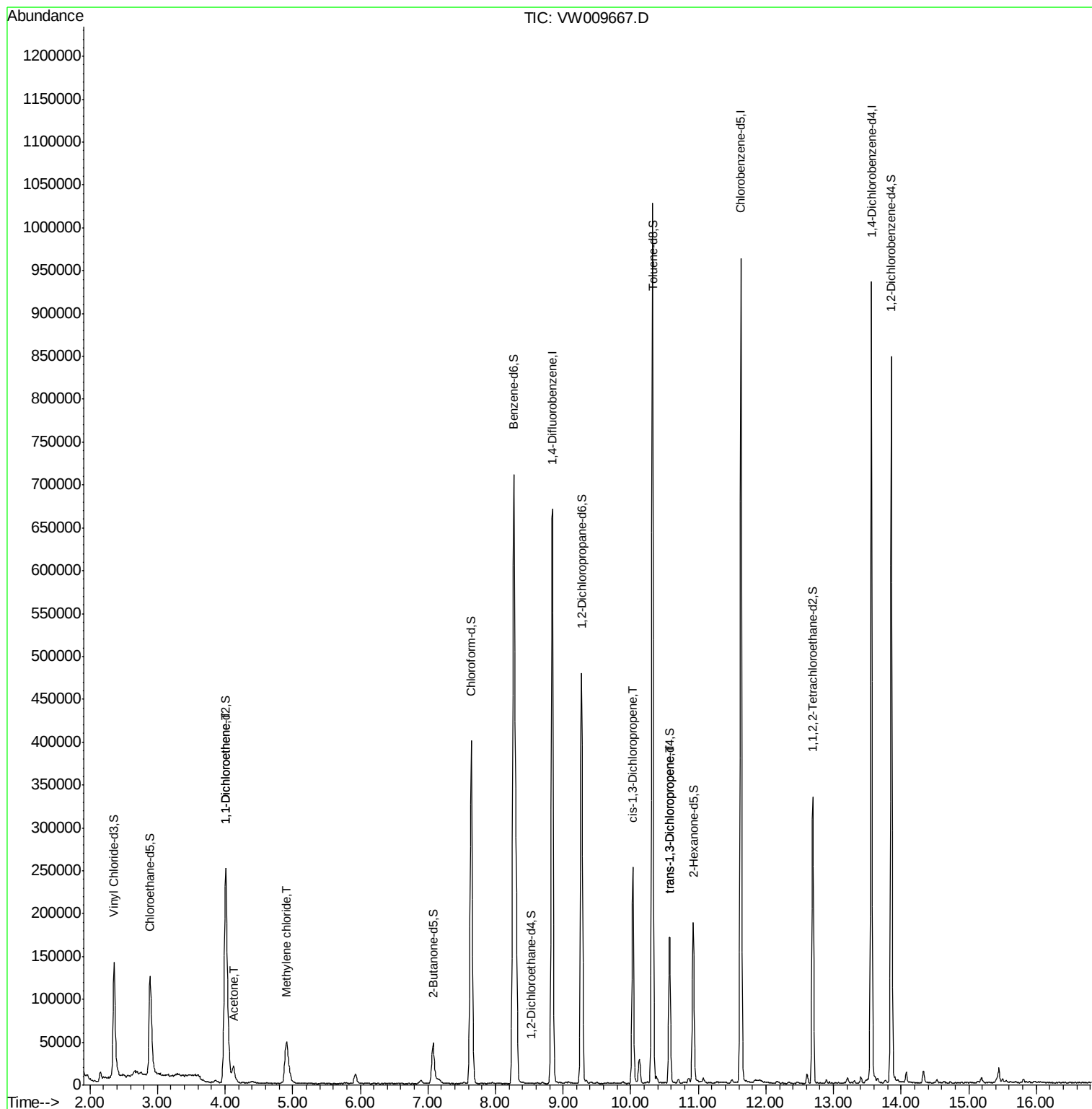
					Qvalue	
12) 1,1-Dichloroethene	4.01	96	2354	0.337	ug/L #	1
13) Acetone	4.12	43	29641	12.372	ug/L	98
16) Methylene chloride	4.91	84	42373	4.565	ug/L	91
42) cis-1,3-Dichloropropene	10.03	75	7057	0.597	ug/L #	80
45) trans-1,3-Dichloropropene	10.57	75	4887	0.479	ug/L	86

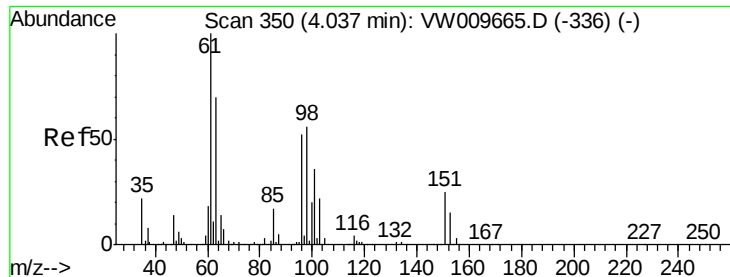
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.337 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

BF5A9

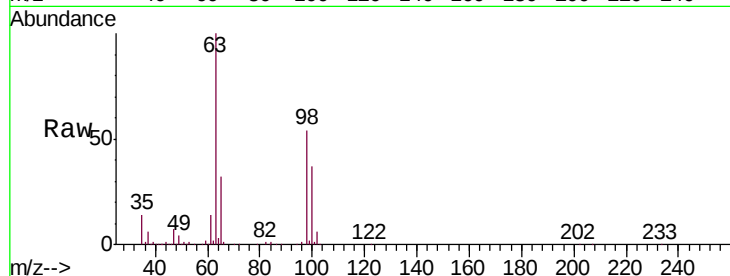
Tgt Ion: 96 Resp: 2354

Ion Ratio Lower Upper

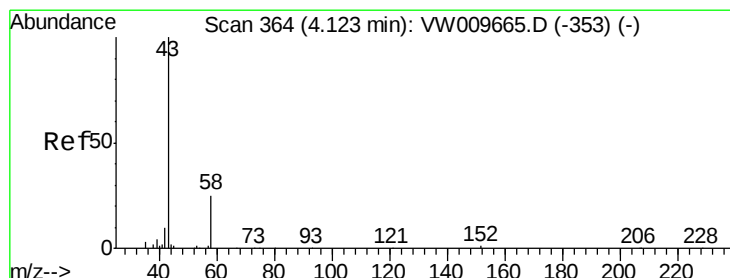
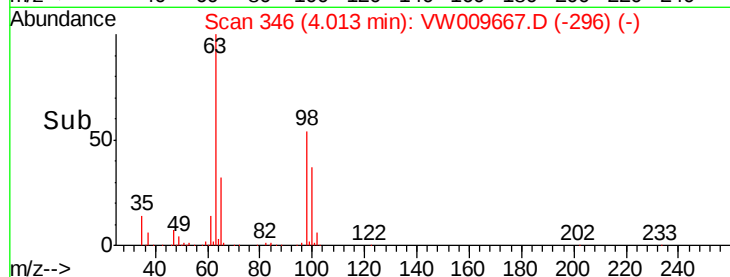
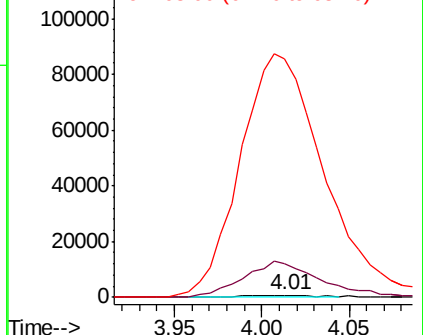
96 100

61 1504.2 138.8 257.8#

63 10494.3 114.6 212.8#



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



#13

Acetone

Concen: 12.372 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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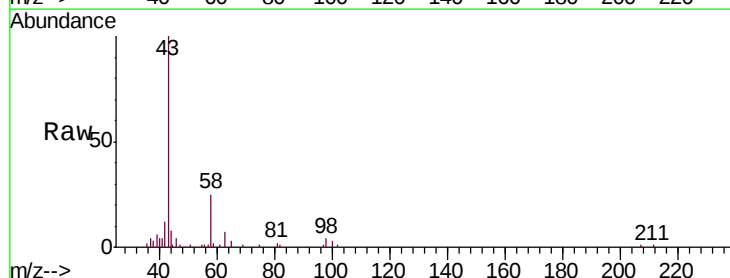
Acq: 03 Apr 2019 19:27

Tgt Ion: 43 Resp: 29641

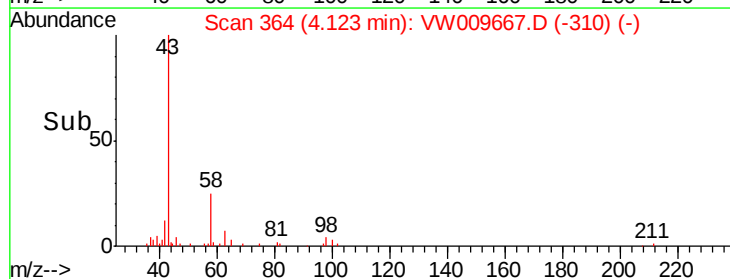
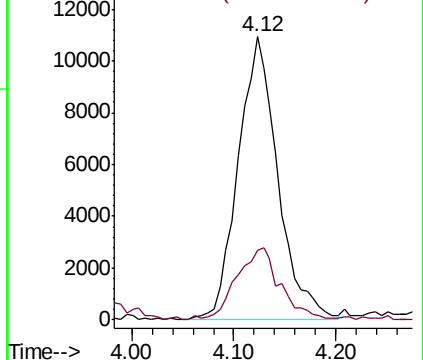
Ion Ratio Lower Upper

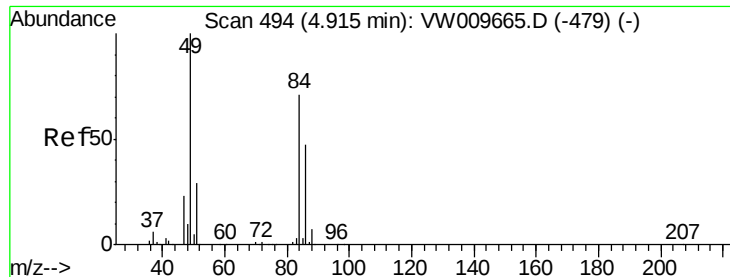
43 100

58 27.5 0.0 53.0



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

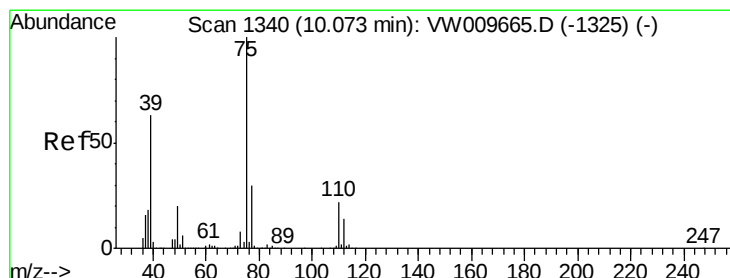
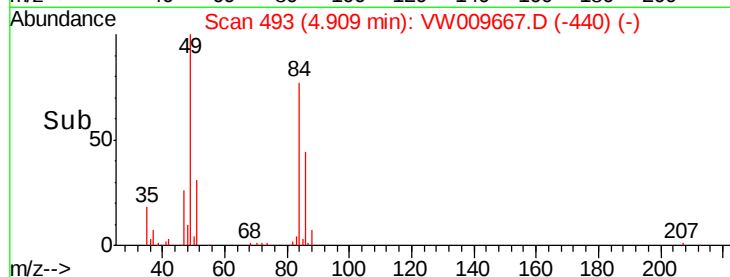
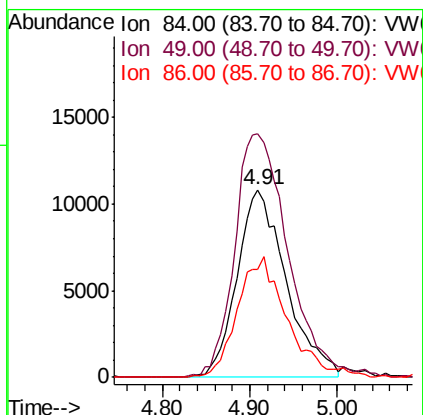
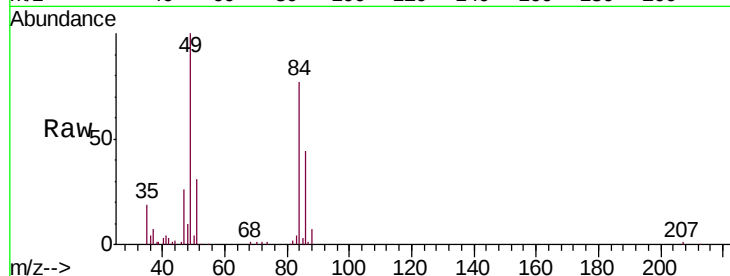




#16
Methylene chloride
Concen: 4.565 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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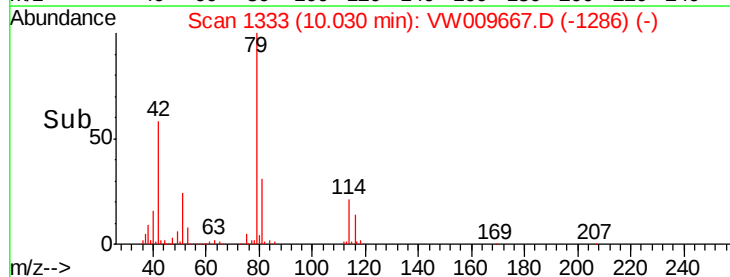
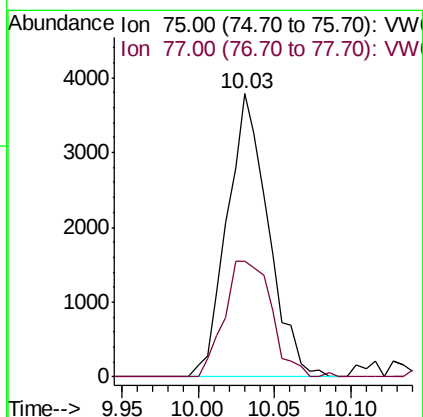
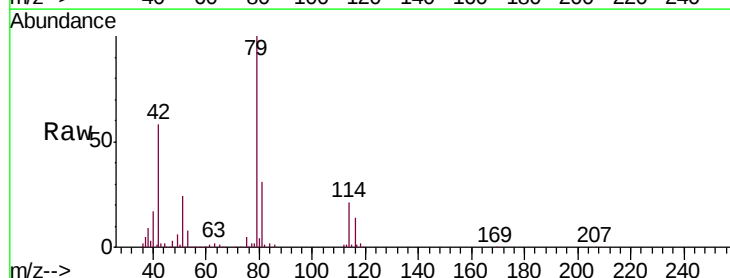
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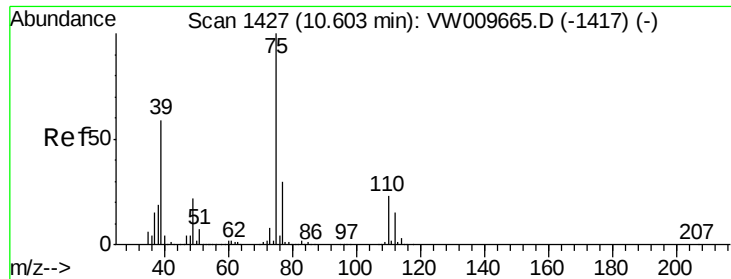
Tgt Ion: 84 Resp: 42373
Ion Ratio Lower Upper
84 100
49 129.8 98.3 182.5
86 57.6 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.597 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009667.D
Acq: 03 Apr 2019 19:27

Tgt Ion: 75 Resp: 7057
Ion Ratio Lower Upper
75 100
77 40.8 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.479 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009667.D

Acq: 03 Apr 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

BF5A9

Tgt Ion: 75 Resp: 4887

Ion Ratio Lower Upper

75 100

77 37.8 21.1 39.3

