

Data File : VW009939.D
Acq On : 12 Apr 2019 03:55
Operator : SY/VA
Sample : K2328-10
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB725

Quant Time: Apr 12 04:41:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:36:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141244	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46989	12.11	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.44%
7) Chloroethane-d5	2.89	69	53890	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.64%
10) 1,1-Dichloroethene-d2	4.01	63	100180	12.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.00%
20) 2-Butanone-d5	7.08	46	87896	69.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.52%#
24) Chloroform-d	7.65	84	216269	26.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	8.31	65	155528	31.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.24%
29) Benzene-d6	8.27	84	349588	20.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.04%
33) 1,2-Dichloropropane-d6	9.27	67	132829	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	10.32	98	292967	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.52%
38) trans-1,3-Dichloropropene-	10.58	79	54167	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	10.92	63	53001	52.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141018	28.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	132997	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%

Target Compounds

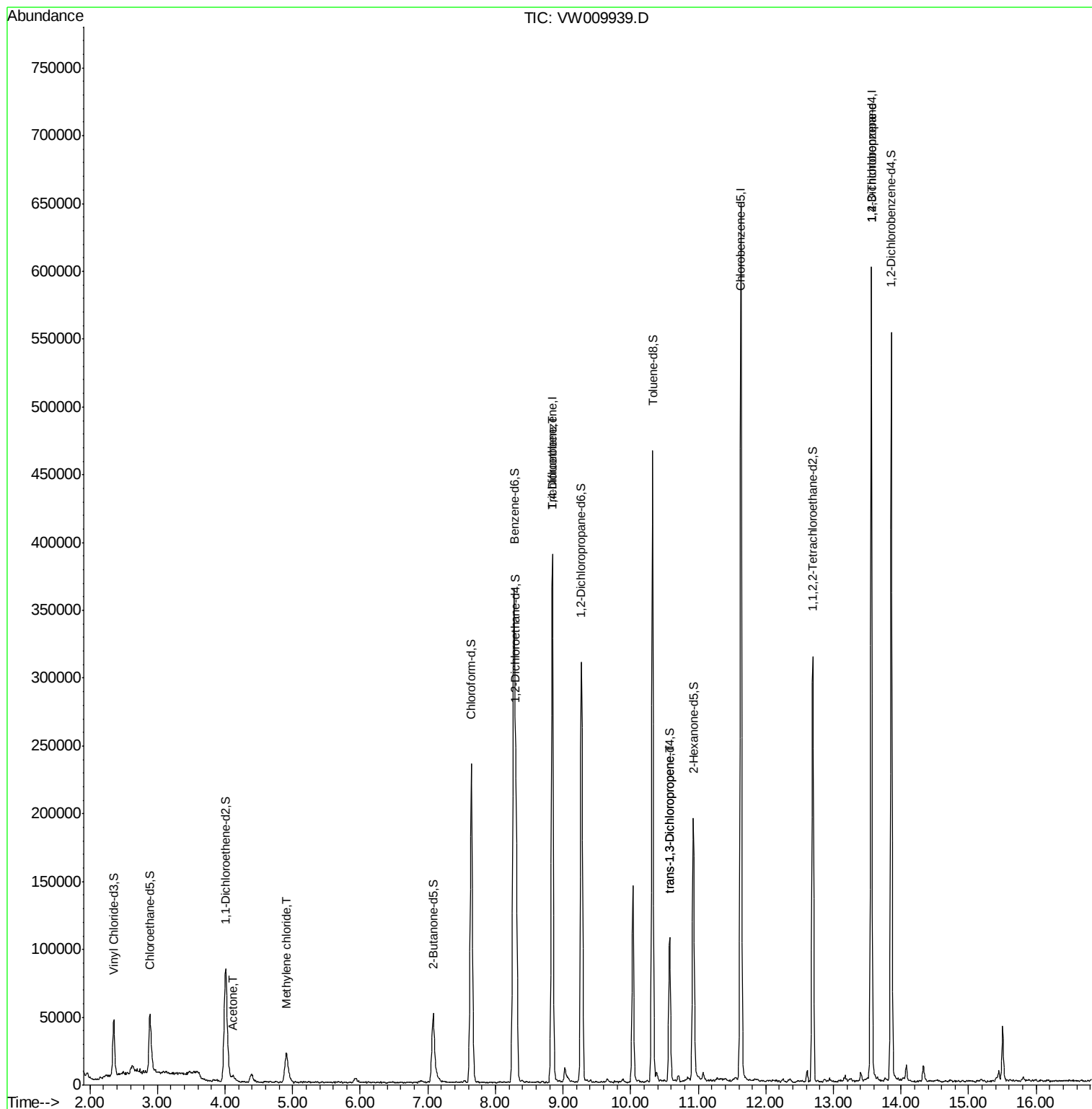
					Qvalue
13) Acetone	4.12	43	4951	3.668 ug/L	83
16) Methylene chloride	4.91	84	16601	3.174 ug/L	84
35) Trichloroethene	8.84	95	9127	1.741 ug/L #	6
45) trans-1,3-Dichloropropene	10.58	75	3375	0.493 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	19967	5.184 ug/L	89

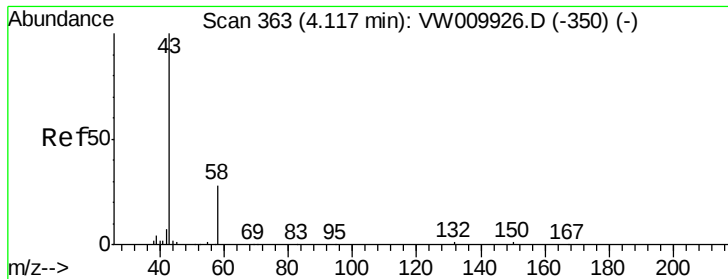
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.668 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

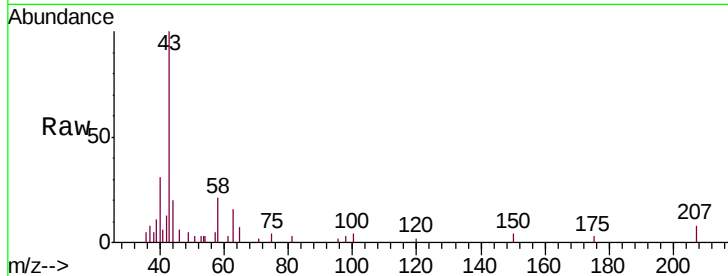
DB725

Tgt Ion: 43 Resp: 4951

Ion Ratio Lower Upper

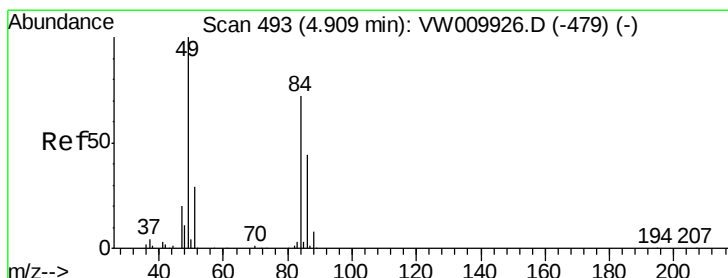
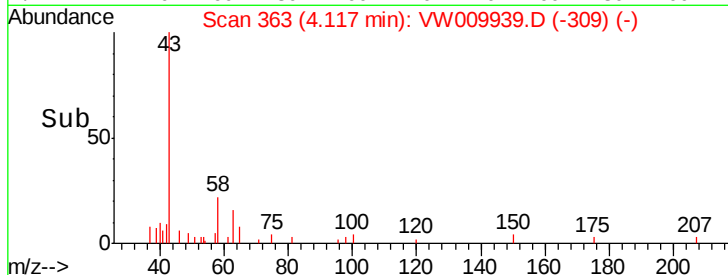
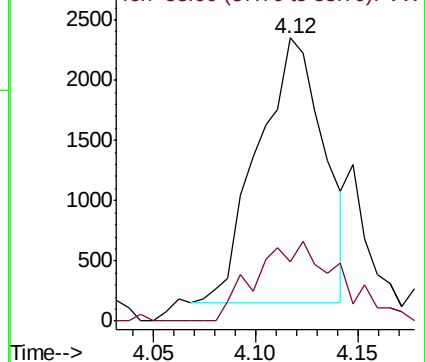
43 100

58 17.8 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: 3.174 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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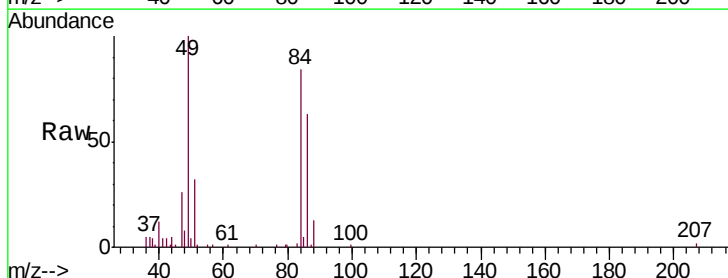
Tgt Ion: 84 Resp: 16601

Ion Ratio Lower Upper

84 100

49 119.0 98.3 182.5

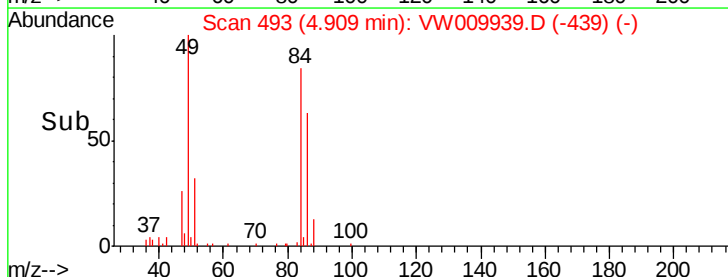
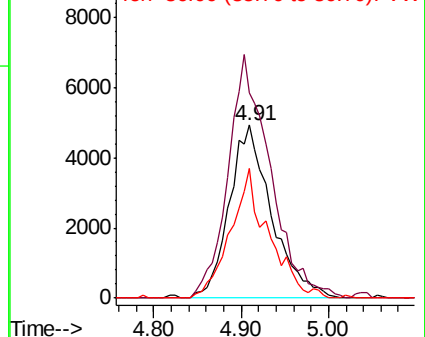
86 75.3 46.4 86.2

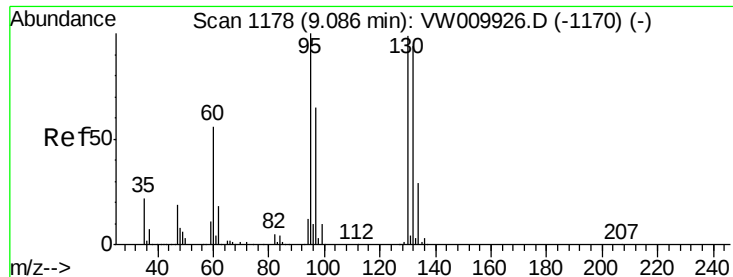


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.741 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

DB725

Tgt Ion: 95 Resp: 9127

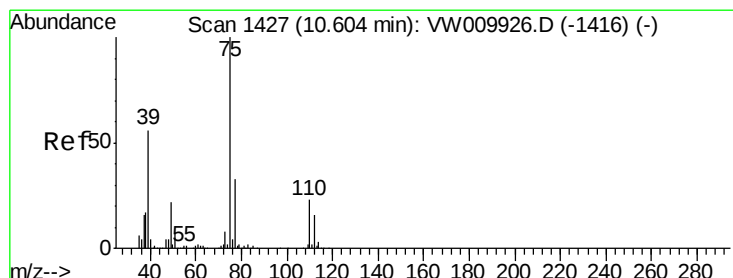
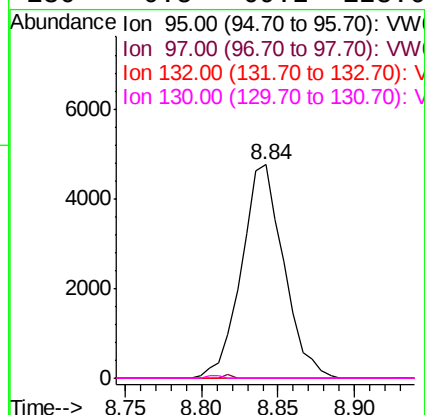
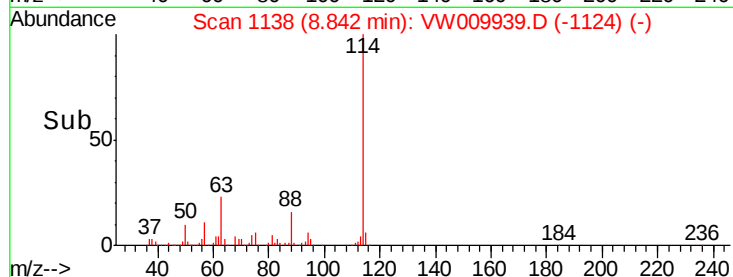
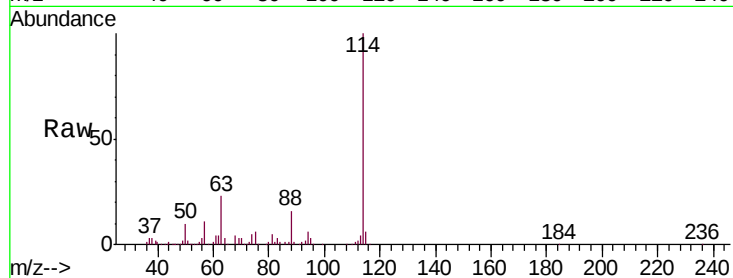
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 67.1 124.7#

130 0.5 69.2 128.6#



#45

trans-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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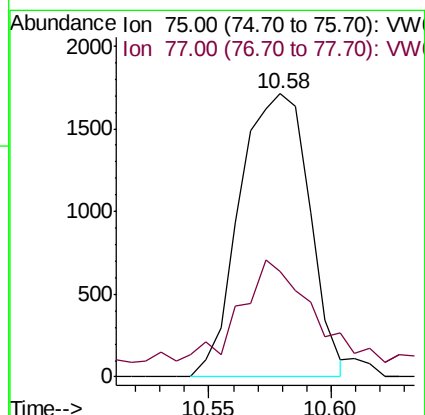
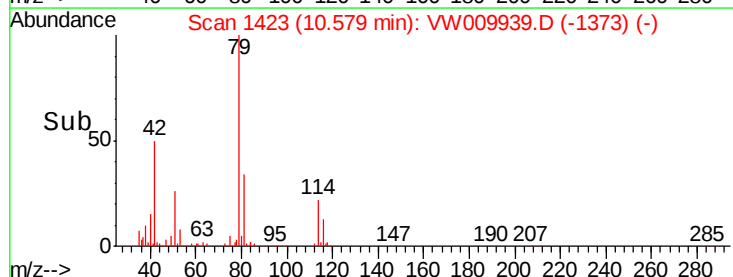
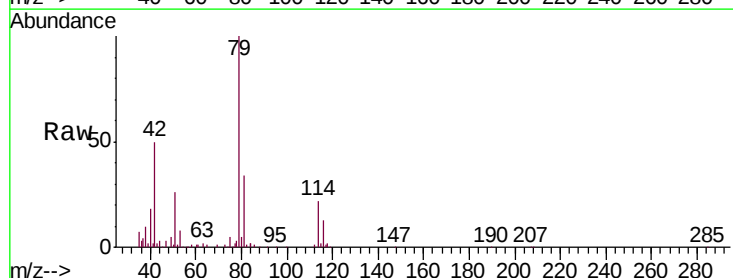
Acq: 12 Apr 2019 03:55

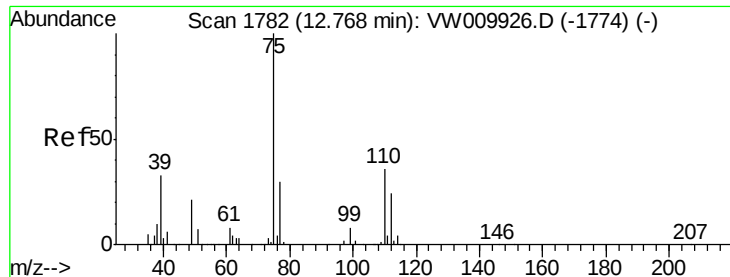
Tgt Ion: 75 Resp: 3375

Ion Ratio Lower Upper

75 100

77 37.3 21.1 39.3





#59

1,2,3-Trichloropropane

Concen: 5.184 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009939.D

Acq: 12 Apr 2019 03:55

Instrument :

MSVOA_W

ClientSampleId :

DB725

Tgt Ion: 75 Resp: 19967

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

