

Data File : VW009632.D
Acq On : 01 Apr 2019 19:16
Operator : SY/VA
Sample : K2119-01
Misc : 5.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF598

Quant Time: Apr 02 01:38:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	452323	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	443475	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92997	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
7) Chloroethane-d5	2.89	69	88911	14.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.24%
10) 1,1-Dichloroethene-d2	4.01	63	149747	12.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.28%
20) 2-Butanone-d5	7.07	46	76632	34.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.56%
24) Chloroform-d	7.64	84	221561	17.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.80%
26) 1,2-Dichloroethane-d4	8.40	65	132	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	386817	15.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.28%
33) 1,2-Dichloropropane-d6	9.27	67	126008	17.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.60%#
37) Toluene-d8	10.32	98	327044	14.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.84%
38) trans-1,3-Dichloropropene-	10.57	79	55165	14.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.80%
39) 2-Hexanone-d5	10.93	63	47419	26.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125870	17.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	134266	17.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.52%#

Target Compounds

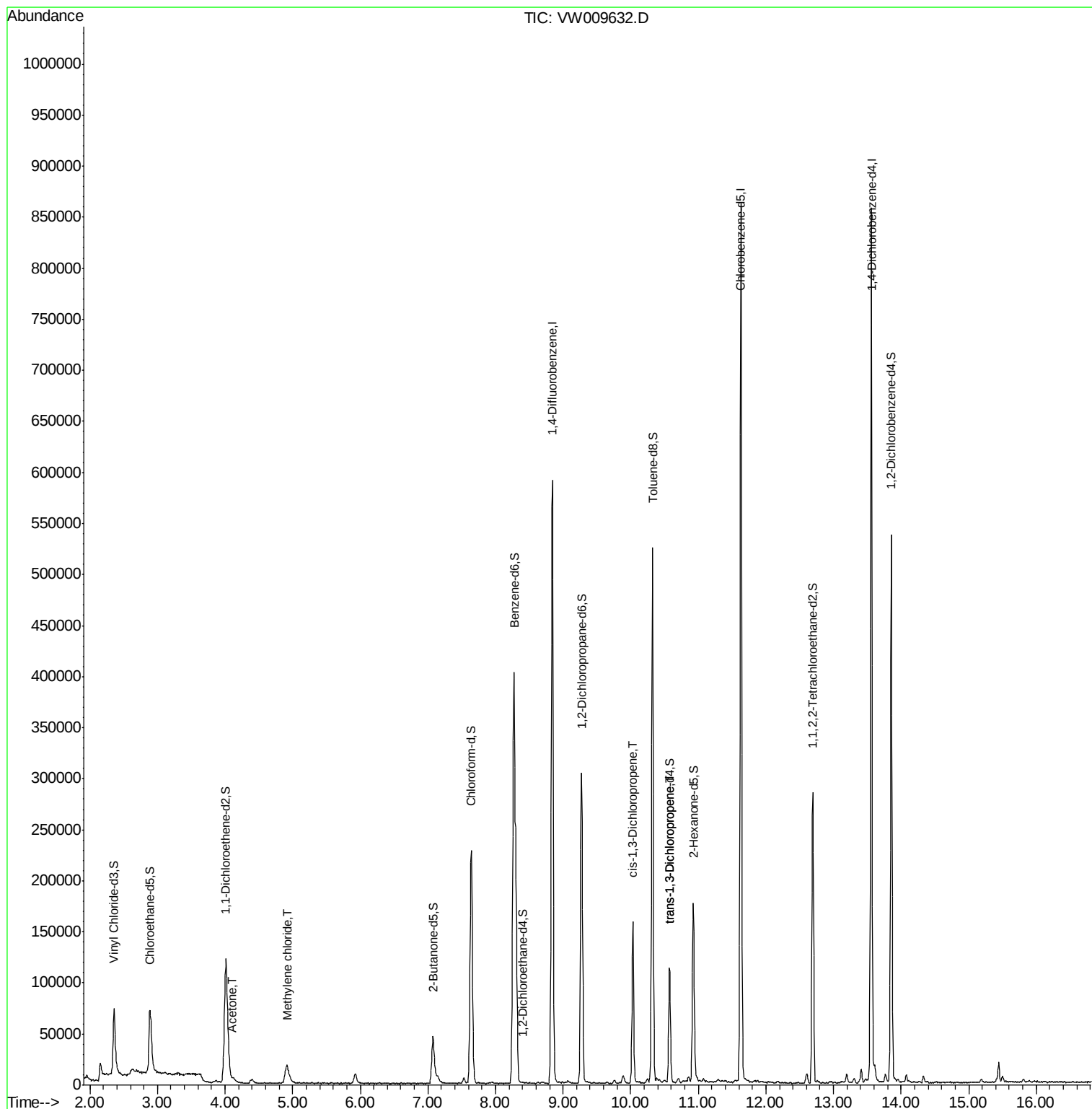
					Qvalue
13) Acetone	4.11	43	2573	1.404 ug/L	80
16) Methylene chloride	4.92	84	11552	1.751 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4528	0.446 ug/L #	56
45) trans-1,3-Dichloropropene	10.58	75	2957	0.335 ug/L #	78

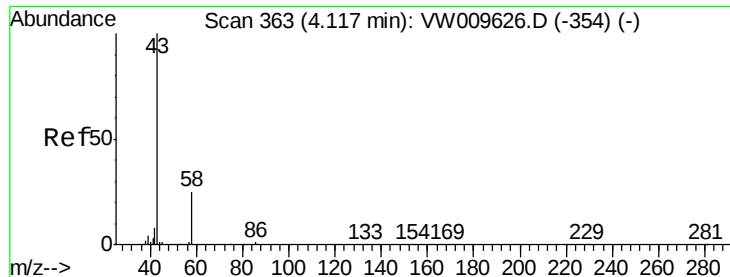
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.404 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

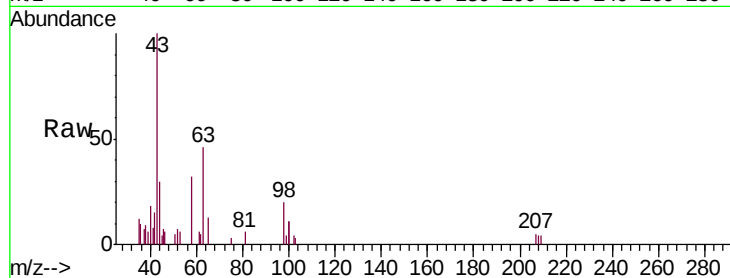
BF598

Tgt Ion: 43 Resp: 2573

Ion Ratio Lower Upper

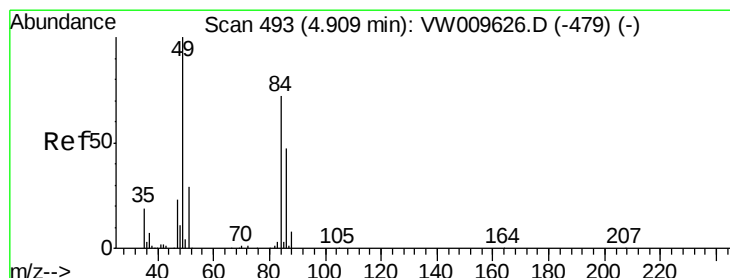
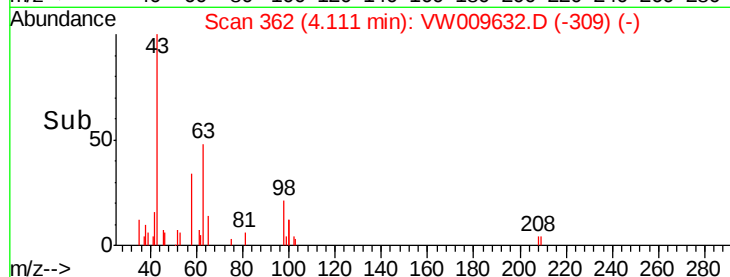
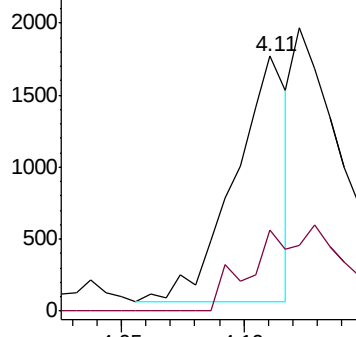
43 100

58 17.8 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.751 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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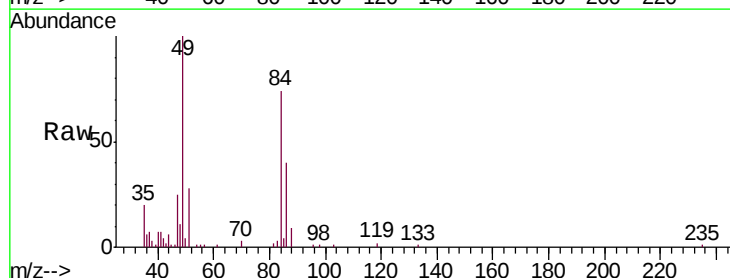
Tgt Ion: 84 Resp: 11552

Ion Ratio Lower Upper

84 100

49 134.9 96.0 178.2

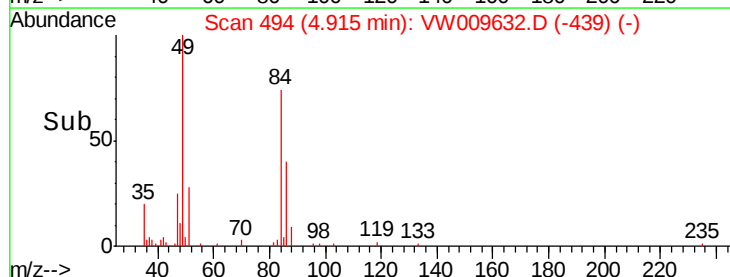
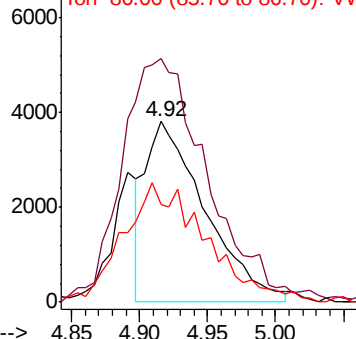
86 53.9 44.4 82.5

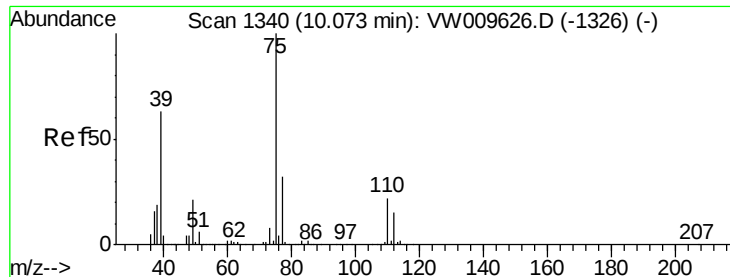


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

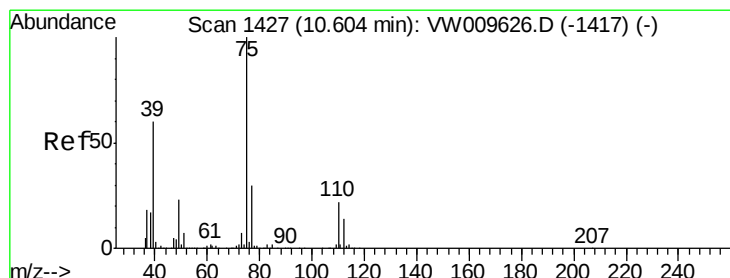
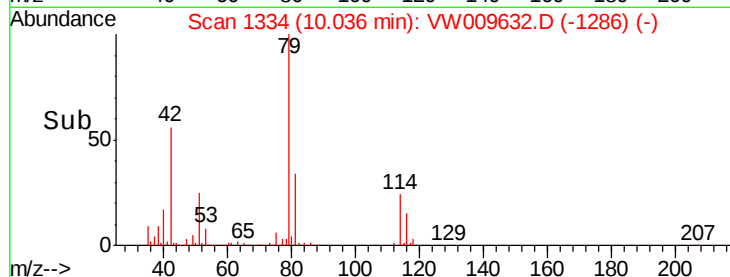
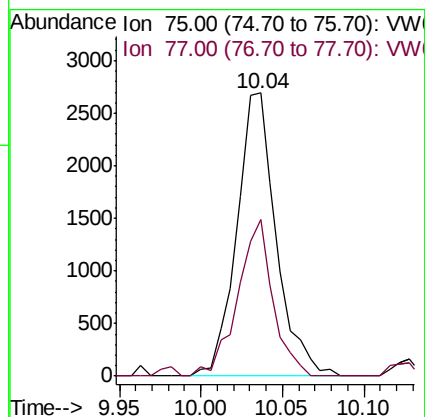
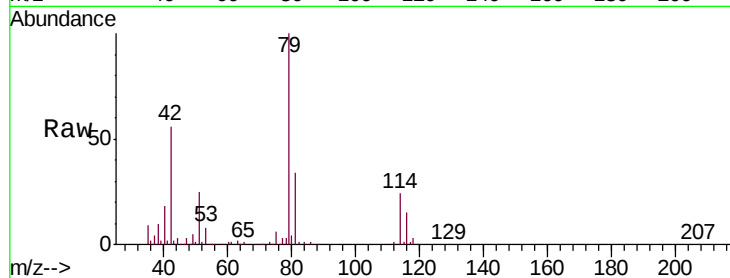
BF598

Tgt Ion: 75 Resp: 4528

Ion Ratio Lower Upper

75 100

77 55.2 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.335 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009632.D

Acq: 01 Apr 2019 19:16

Tgt Ion: 75 Resp: 2957

Ion Ratio Lower Upper

75 100

77 44.6 22.5 41.7#

