

Data File : VW009633.D
Acq On : 01 Apr 2019 19:43
Operator : SY/VA
Sample : K2119-04
Misc : 4.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A1

Quant Time: Apr 02 01:38:25 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	472670	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	454189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123265	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
7) Chloroethane-d5	2.89	69	122411	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.08%
10) 1,1-Dichloroethene-d2	4.01	63	199633	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.08	46	103457	44.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.58%
24) Chloroform-d	7.64	84	288684	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.30	65	188408	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.00%
29) Benzene-d6	8.27	84	507868	20.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.12%
33) 1,2-Dichloropropane-d6	9.27	67	167612	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.12%
37) Toluene-d8	10.32	98	442669	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.44%
38) trans-1,3-Dichloropropene-	10.58	79	75221	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.64%
39) 2-Hexanone-d5	10.93	63	67532	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	167766	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	168117	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

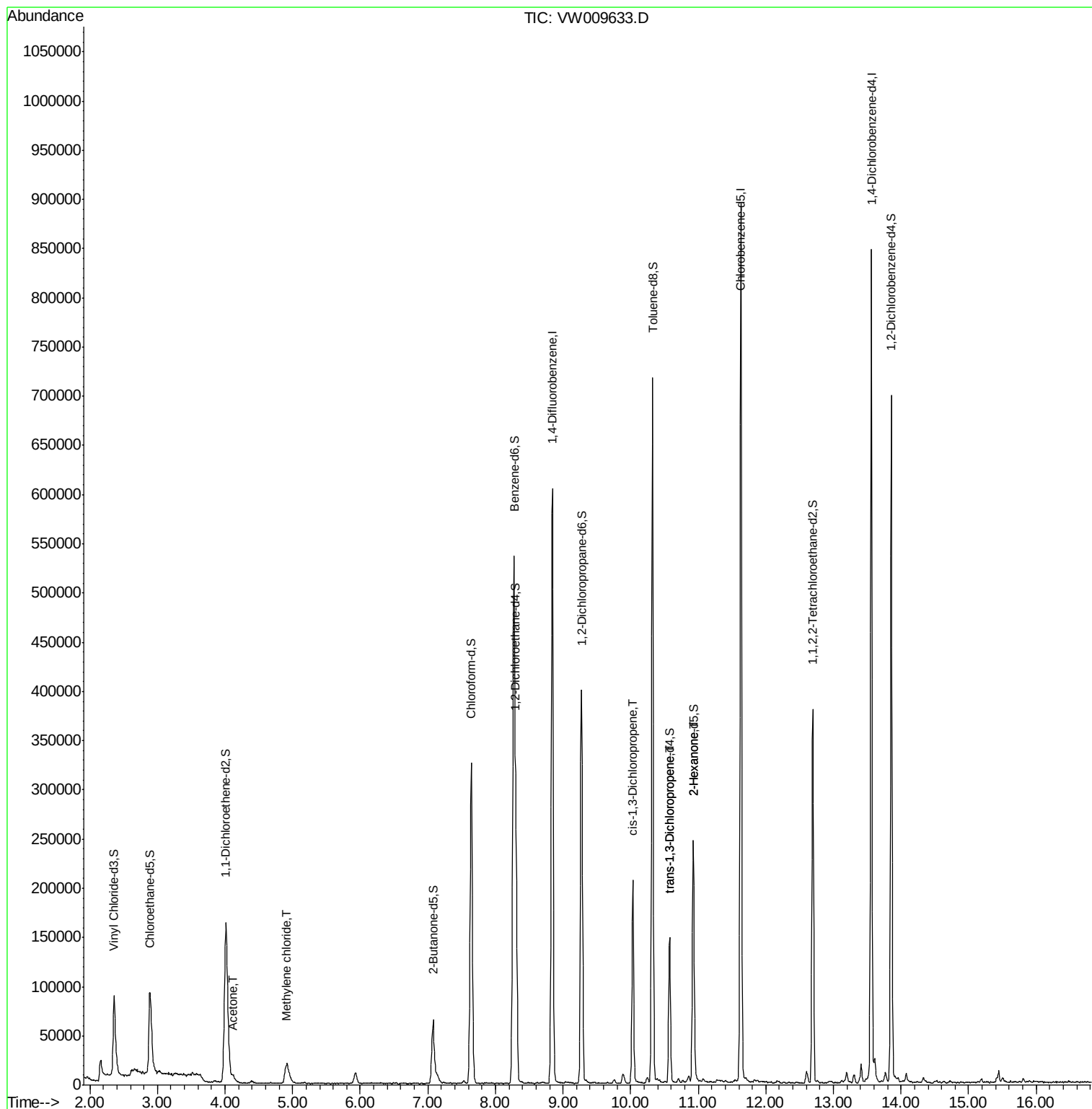
					Qvalue
13) Acetone	4.11	43	5026	2.624 ug/L	67
16) Methylene chloride	4.90	84	9434	1.369 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5736	0.552 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	4038	0.447 ug/L #	57
49) 2-Hexanone	10.93	43	14143	3.474 ug/L #	79

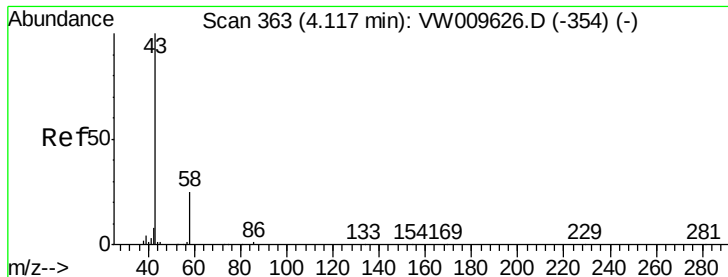
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.624 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

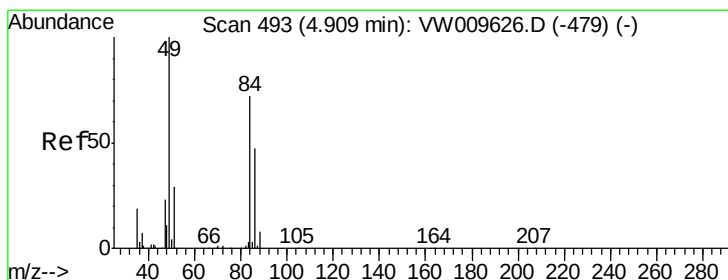
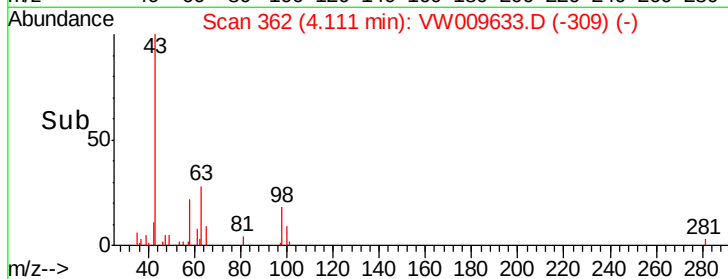
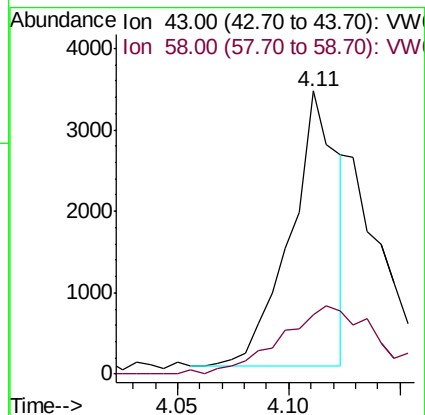
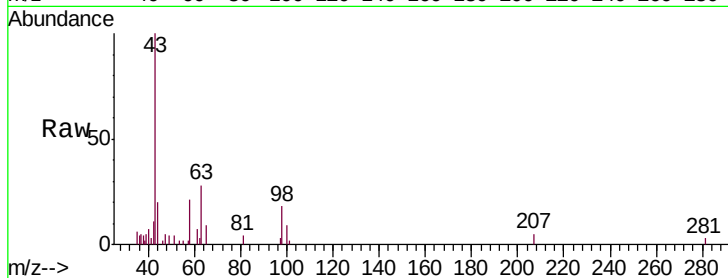
BF5A1

Tgt Ion: 43 Resp: 5026

Ion Ratio Lower Upper

43 100

58 45.5 0.0 56.2



#16

Methylene chloride

Concen: 1.369 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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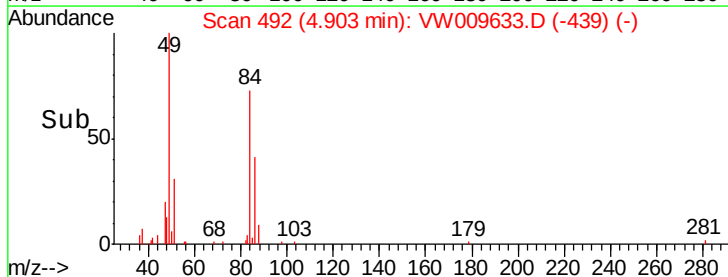
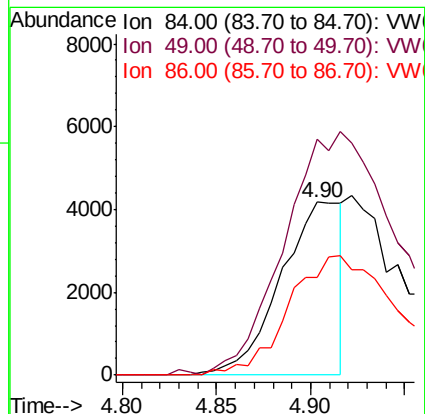
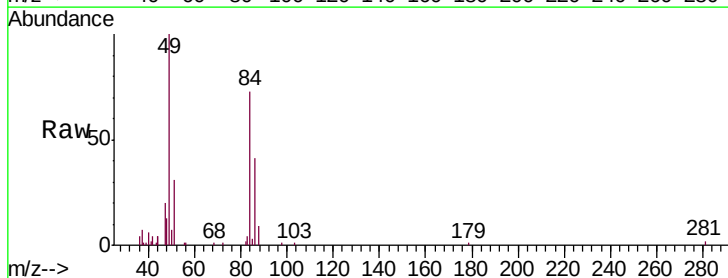
Tgt Ion: 84 Resp: 9434

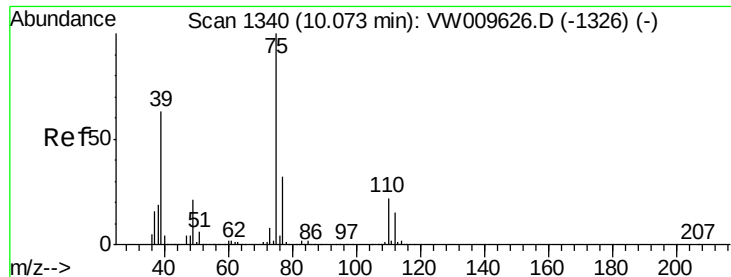
Ion Ratio Lower Upper

84 100

49 136.5 96.0 178.2

86 56.2 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 01 Apr 2019 19:43

Instrument :

MSVOA_W

ClientSampled :

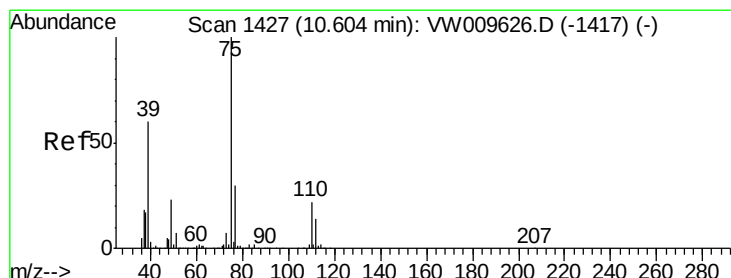
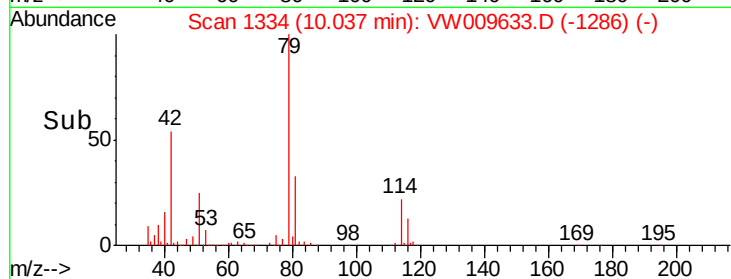
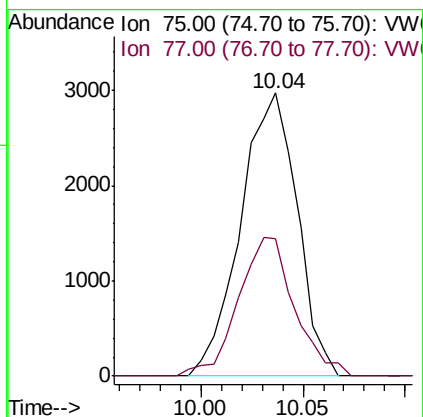
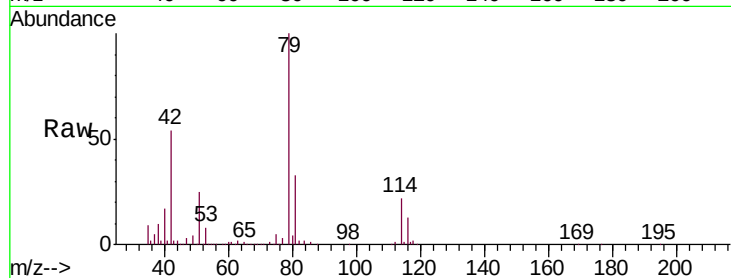
BF5A1

Tgt Ion: 75 Resp: 5736

Ion Ratio Lower Upper

75 100

77 48.8 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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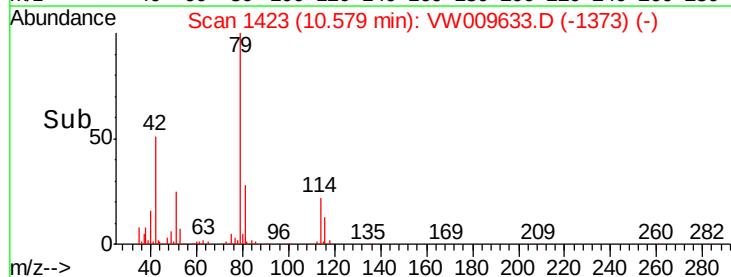
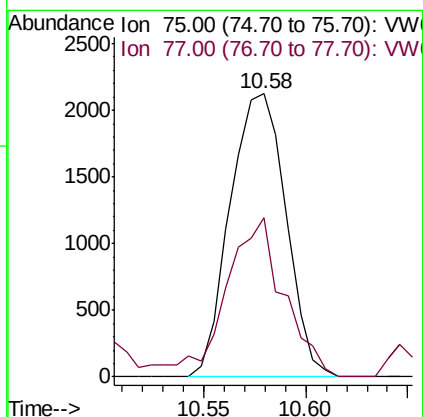
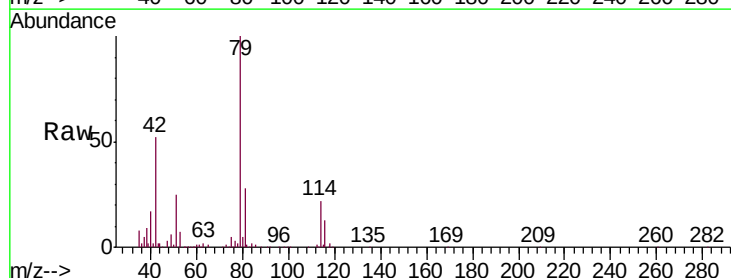
Acq: 01 Apr 2019 19:43

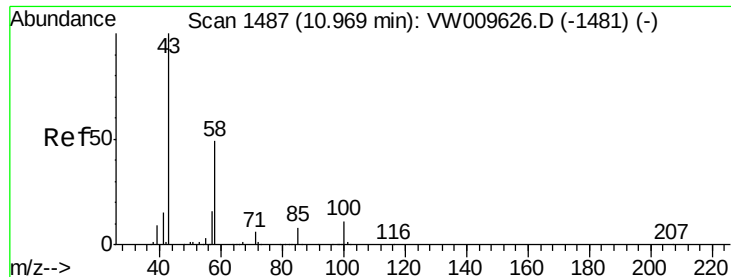
Tgt Ion: 75 Resp: 4038

Ion Ratio Lower Upper

75 100

77 56.1 22.5 41.7#





#49

2-Hexanone

Concen: 3.474 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 01 Apr 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

BF5A1

Tgt Ion: 43 Resp: 14143

Ion Ratio Lower Upper

43 100

58 35.4 39.2 58.8#

57 27.5 14.2 21.2#

100 1.2 8.9 13.3#

