

Data File : VW014705.D
Acq On : 21 Jan 2020 10:44
Operator : SY/VA
Sample : VW0121SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK24

Quant Time: Jan 22 01:36:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 22 01:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1005153	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	899133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	413624	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	273457	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
7) Chloroethane-d5	2.89	69	232061	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
10) 1,1-Dichloroethene-d2	4.01	63	426099	16.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.76%
20) 2-Butanone-d5	7.07	46	205948	61.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.16%
24) Chloroform-d	7.64	84	551107	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.30	65	301325	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.27	84	1192810	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	9.27	67	364060	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.32	98	1069219	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.57	79	146490	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.68%
39) 2-Hexanone-d5	10.92	63	151917	61.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	307722	28.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	365369	26.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.24%

Target Compounds

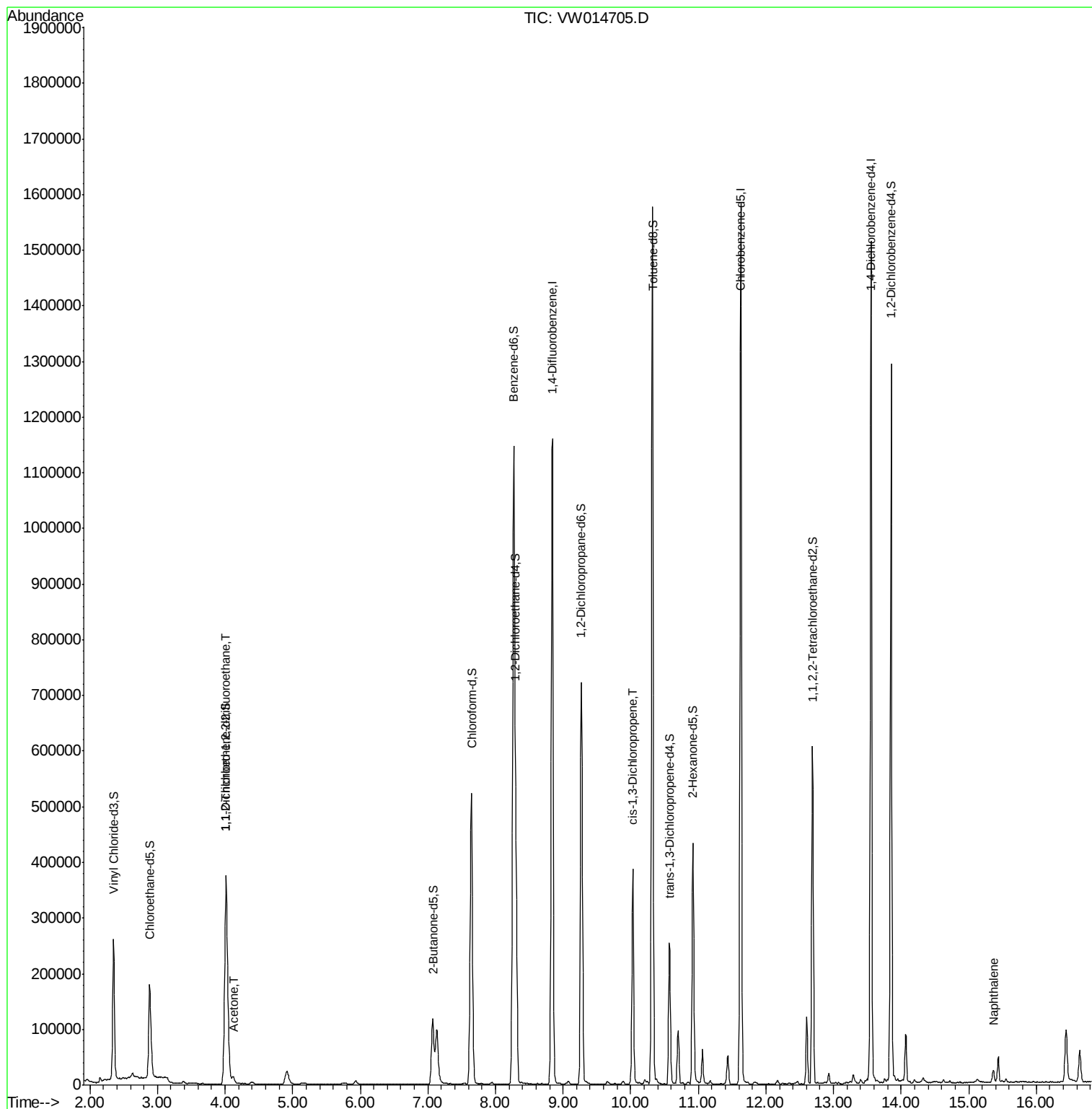
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	4928	0.375 ug/L #	19
13) Acetone	4.12	43	20057	4.296 ug/L	68
42) cis-1,3-Dichloropropene	10.03	75	8628	0.422 ug/L #	62
69) Naphthalene	15.36	128	20237	0.806 ug/L	97

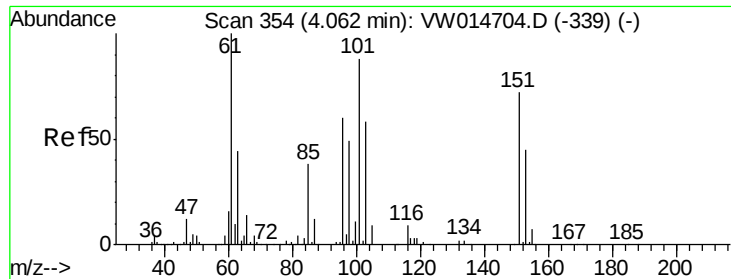
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.375 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

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MSVOA_W

ClientSampleId :

VBLK24

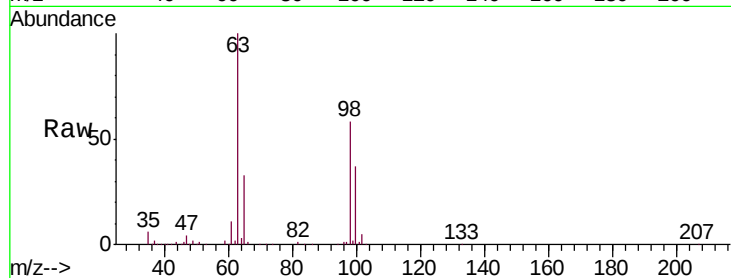
Tgt Ion: 101 Resp: 4928

Ion Ratio Lower Upper

101 100

85 1.7 33.3 49.9#

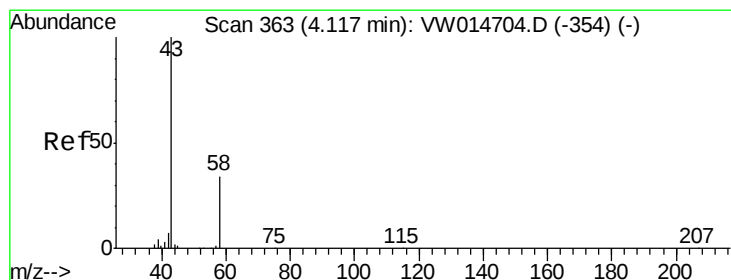
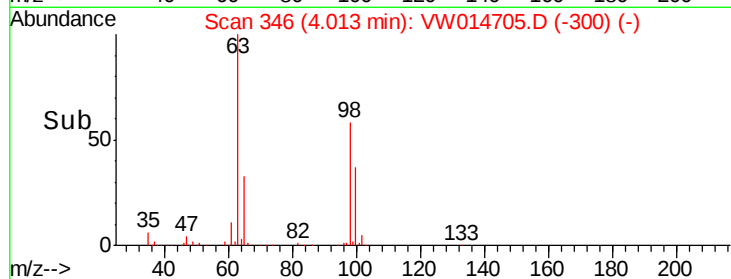
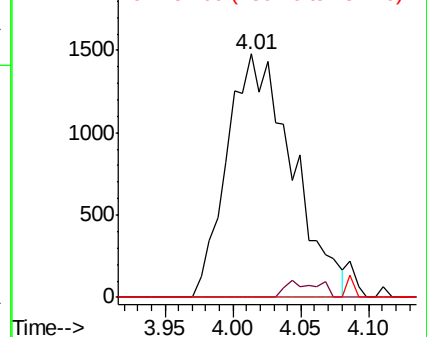
151 0.0 62.5 93.7#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.296 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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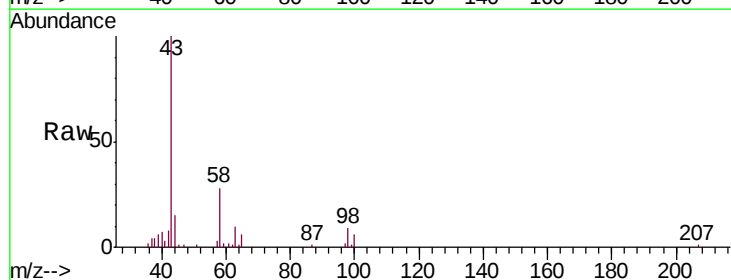
Acq: 21 Jan 2020 10:44

Tgt Ion: 43 Resp: 20057

Ion Ratio Lower Upper

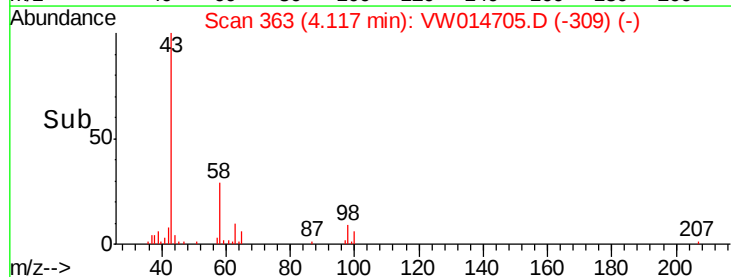
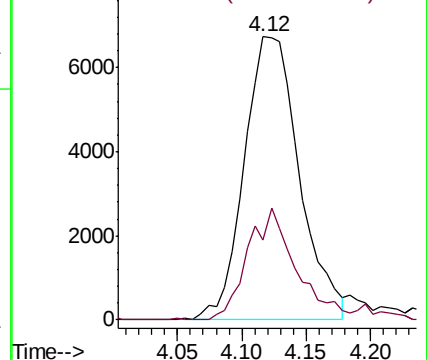
43 100

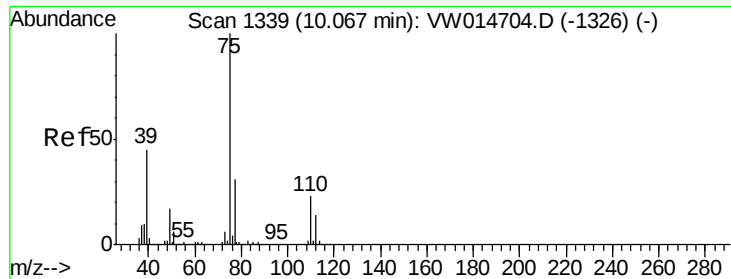
58 14.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.422 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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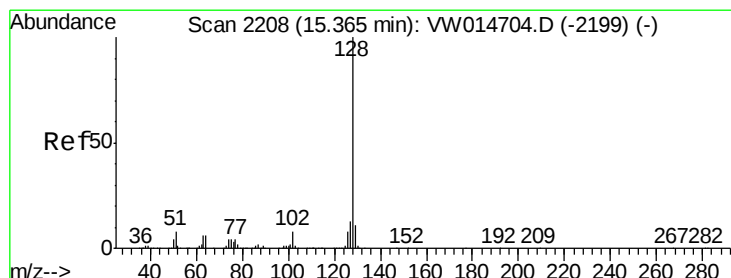
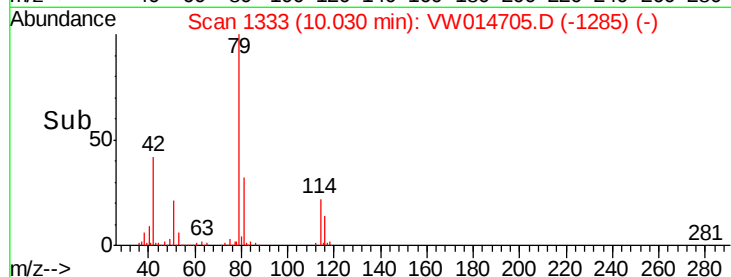
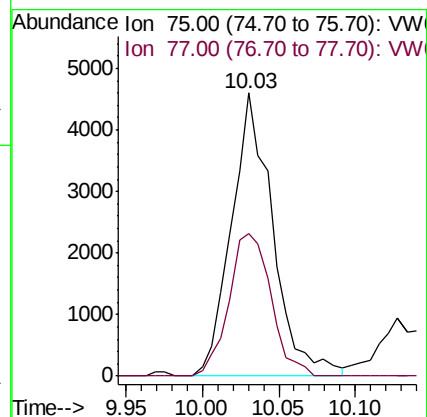
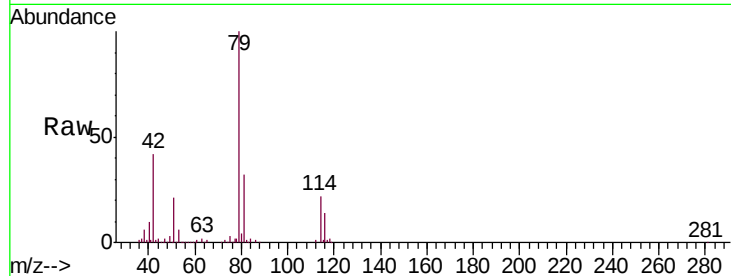
VBLK24

Tgt Ion: 75 Resp: 8628

Ion Ratio Lower Upper

75 100

77 50.5 21.0 39.0#



#69

Naphthalene

Concen: 0.806 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014705.D

Acq: 21 Jan 2020 10:44

Tgt Ion: 128 Resp: 20237

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

127 15.1 10.6 16.0

