

Data File : VW017425.D
Acq On : 20 Nov 2020 18:19
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK13

Quant Time: Nov 21 00:34:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357109	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168652	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97887	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	2.89	69	84288	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.28%
10) 1,1-Dichloroethene-d2	4.02	63	143737	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.26	46	66	0.08	ug/L	0.16
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.16%#
24) Chloroform-d	7.65	84	208597	22.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	8.31	65	106652	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.27	84	413323	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.27	67	110529	22.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.72%
37) Toluene-d8	10.32	98	403420	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	10.58	79	47795	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.12%
39) 2-Hexanone-d5	10.93	63	33927	50.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88095	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	157899	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

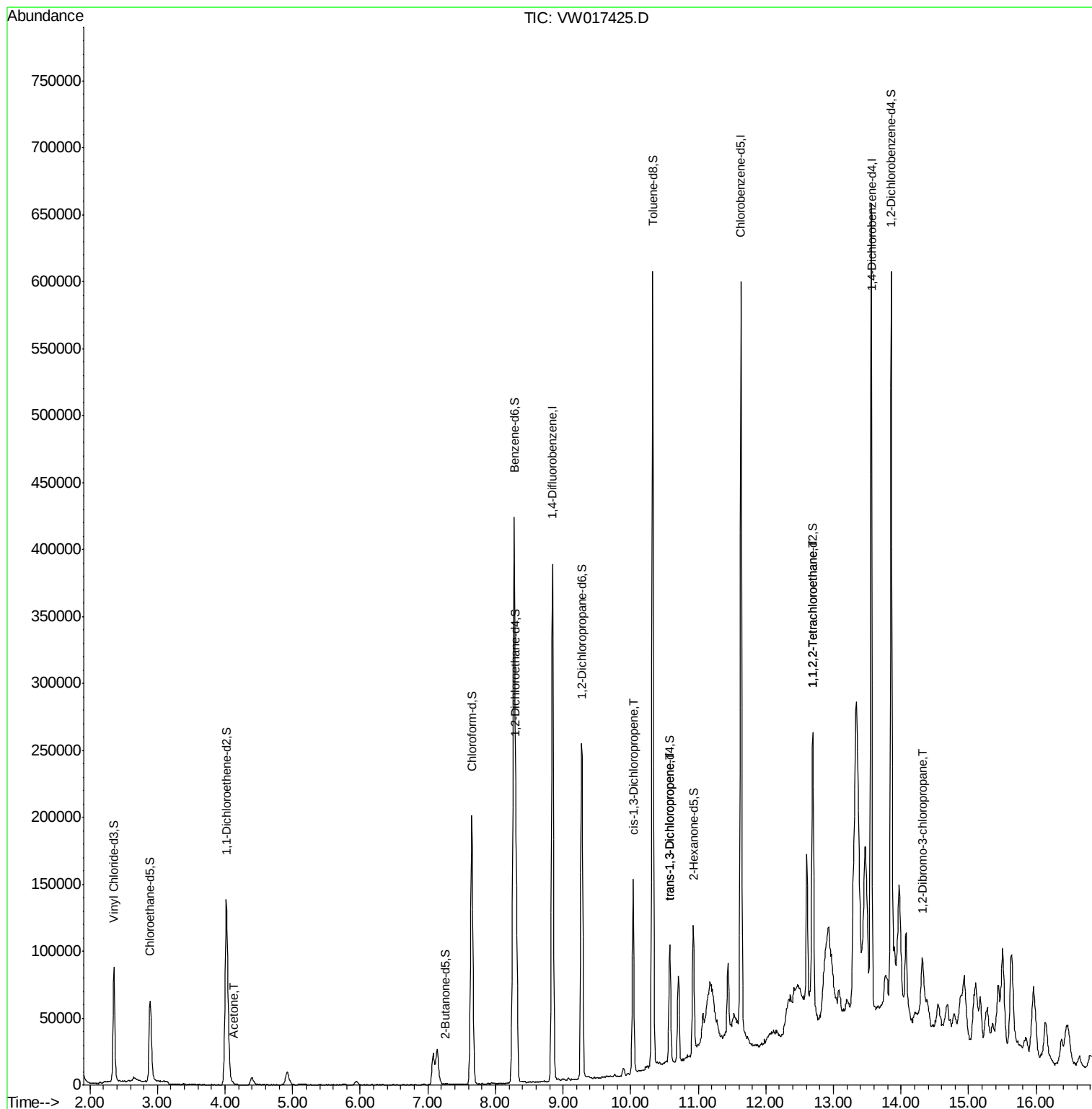
					Qvalue
13) Acetone	4.13	43	567	0.895 ug/L	58
42) cis-1,3-Dichloropropene	10.04	75	4254	0.646 ug/L #	60
45) trans-1,3-Dichloropropene	10.58	75	2651	0.476 ug/L #	54
58) 1,1,2,2-Tetrachloroethane	12.70	83	3434	0.949 ug/L #	47
66) 1,2-Dibromo-3-chloropropan	14.31	75	2512	4.718 ug/L #	1

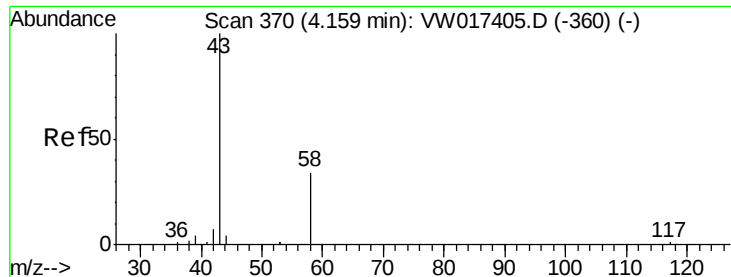
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.895 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

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MSVOA_W

ClientSampleId :

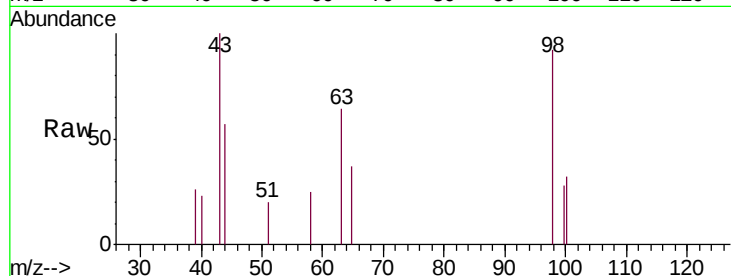
VIBLK13

Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

58 9.9 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

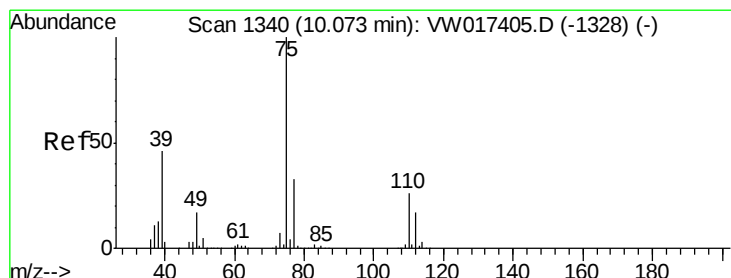
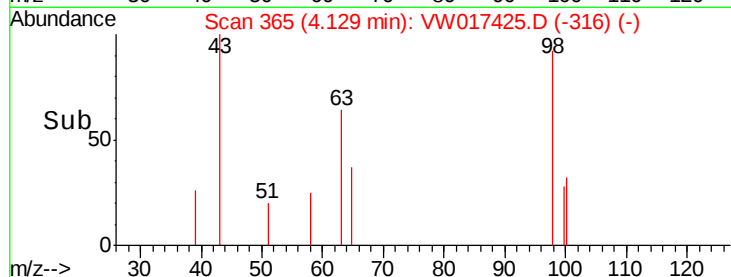
300

200

100

0

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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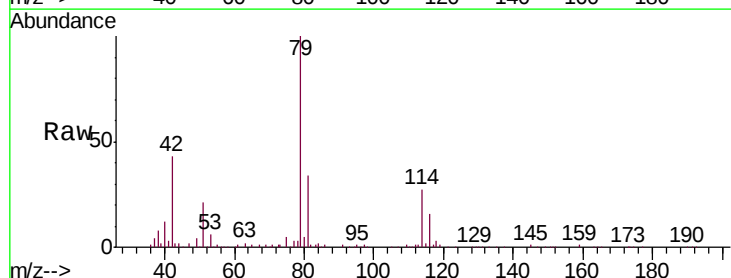
Acq: 20 Nov 2020 18:19

Tgt Ion: 75 Resp: 4254

Ion Ratio Lower Upper

75 100

77 53.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

2500

2000

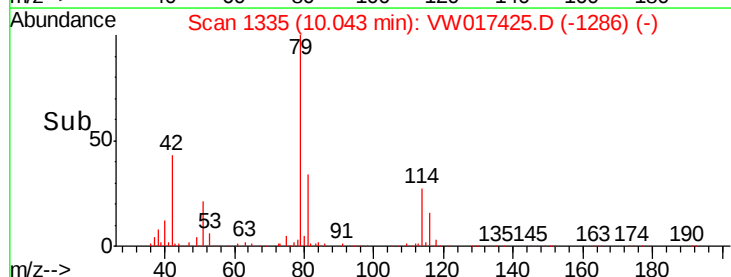
1500

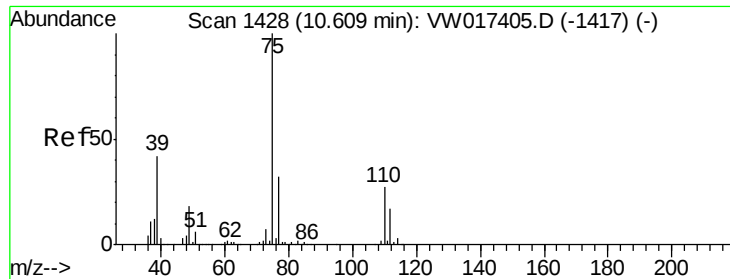
1000

500

0

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

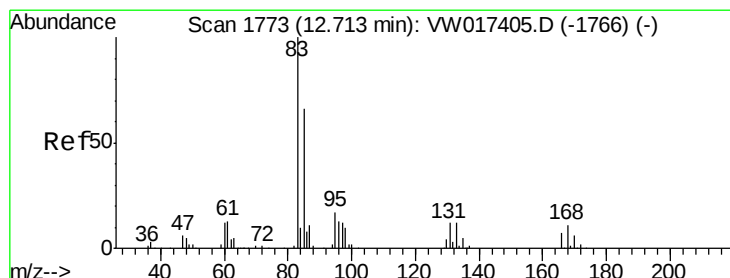
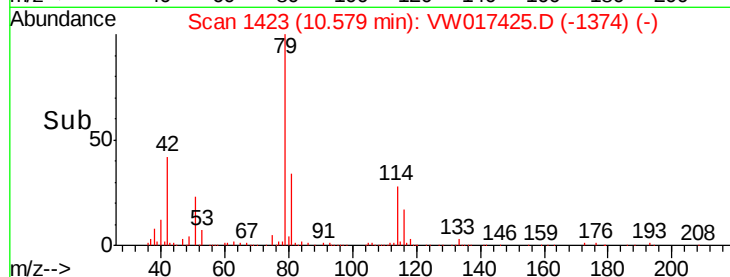
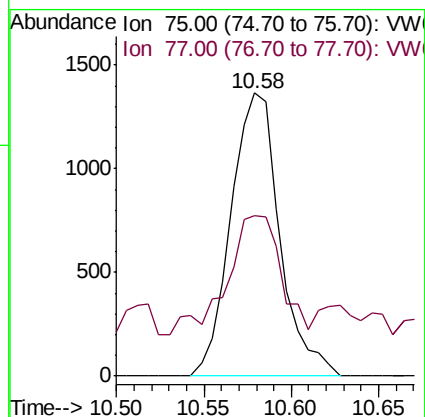
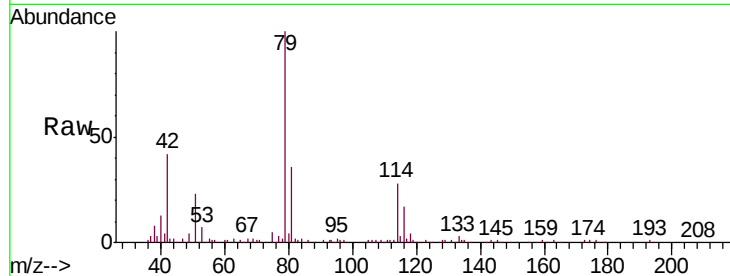
VIBLK13

Tgt Ion: 75 Resp: 2651

Ion Ratio Lower Upper

75 100

77 56.7 22.0 40.8#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.949 ug/L

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

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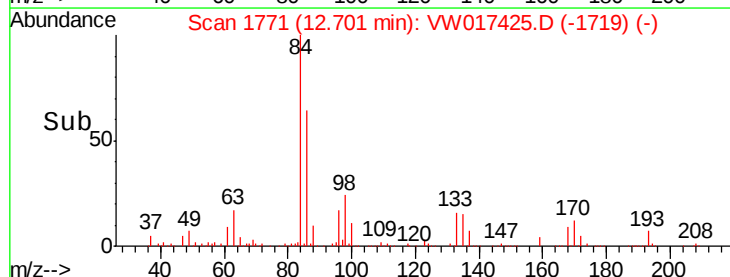
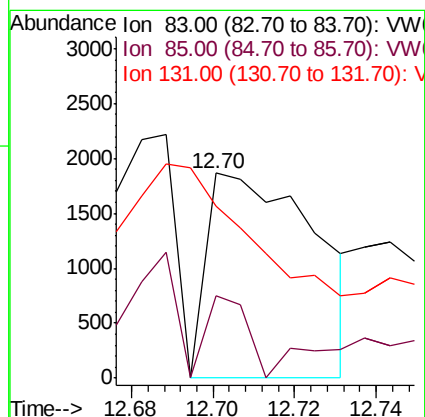
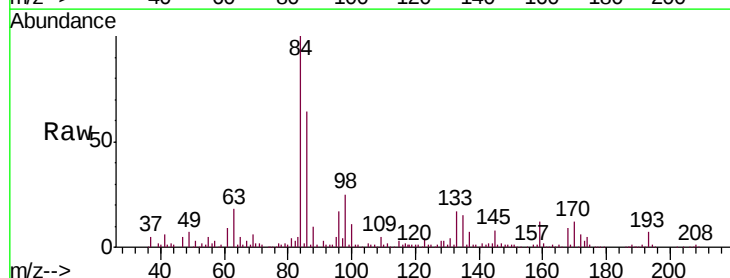
Tgt Ion: 83 Resp: 3434

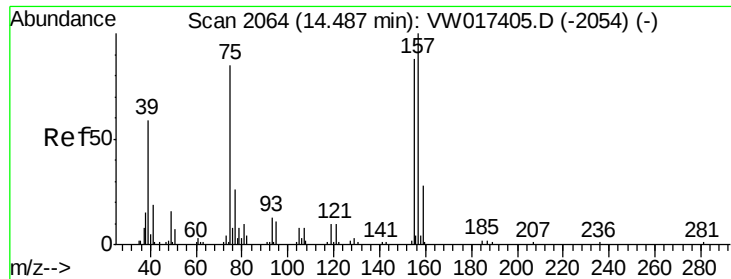
Ion Ratio Lower Upper

83 100

85 40.5 44.2 82.0#

131 84.0 8.7 13.1#





#66

1,2-Dibromo-3-chloropropane

Concen: 4.718 ug/L

RT: 14.31 min Scan# 2035

Delta R.T. -0.18 min

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK13

Tgt Ion: 75 Resp: 2512

Ion Ratio Lower Upper

75 100

157 258.0 106.7 160.1#

155 280.9 70.6 106.0#

