

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016751.D
 Acq On : 02 Oct 2020 10:18
 Operator : SY/VA
 Sample : VW1002SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:55:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	551379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	490468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235440	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	87359	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.48%
7) Chloroethane-d5	2.91	69	84542	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.60%
10) 1,1-Dichloroethene-d2	4.03	63	142837	11.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.88%
20) 2-Butanone-d5	7.09	46	64180	44.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.22%
24) Chloroform-d	7.65	84	274486	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.31	65	138238	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.40%
29) Benzene-d6	8.28	84	492687	22.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.60%
33) 1,2-Dichloropropane-d6	9.28	67	147516	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.33	98	433843	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.20%
38) trans-1,3-Dichloropropene-	10.58	79	59536	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.24%
39) 2-Hexanone-d5	10.93	63	51350	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130933	25.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	193974	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

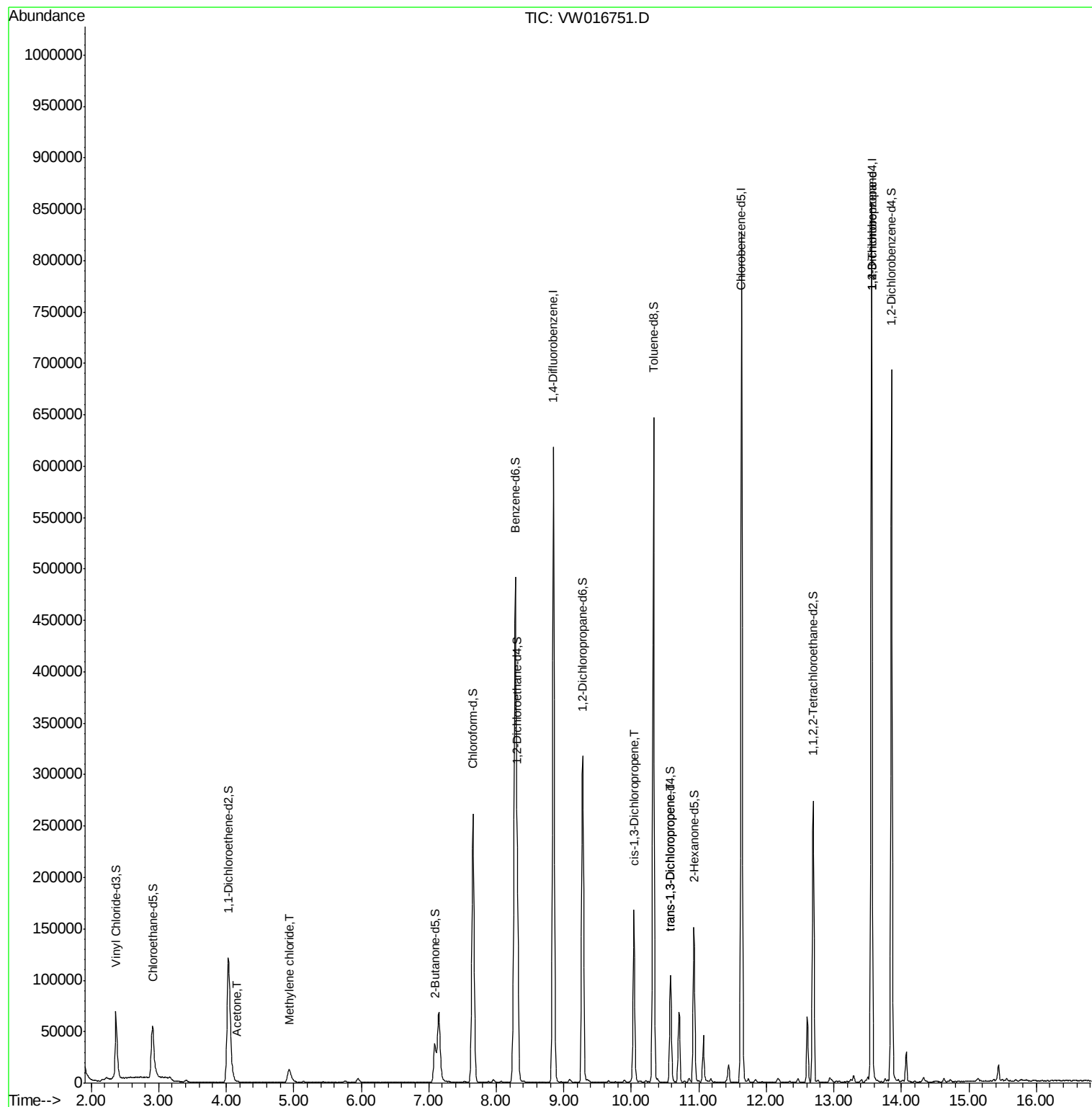
				Ovalue
13) Acetone	4.16	43	946	0.830 ug/L 97
16) Methylene chloride	4.93	84	12438	1.463 ug/L 92
42) cis-1,3-Dichloropropene	10.04	75	4744	0.454 ug/L # 73
45) trans-1,3-Dichloropropene	10.58	75	3356	0.369 ug/L # 72
59) 1,2,3-Trichloropropane	13.56	75	24040	5.603 ug/L 91

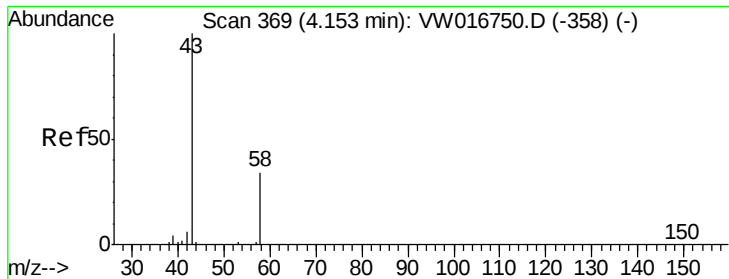
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.830 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016751.D

Acq: 02 Oct 2020 10:18

Instrument :

MSVOA_W

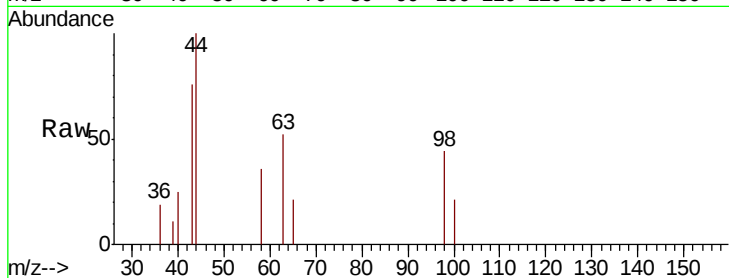
ClientSampled :

Tot Ion: 43 Resp: 946

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.2



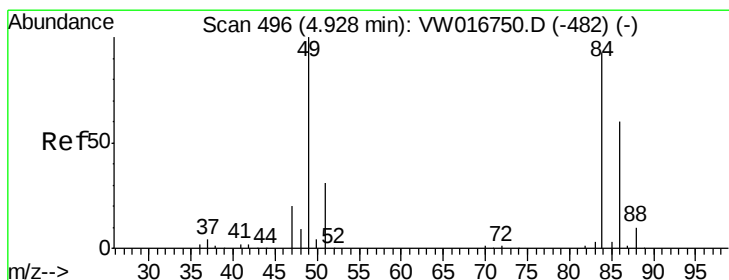
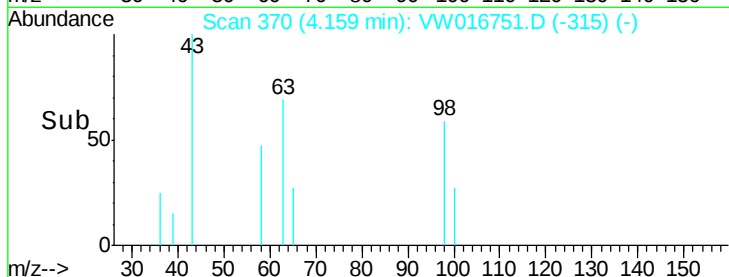
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

4.20

Time-->



#16

Methylene chloride

Concen: 1.463 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016751.D

Acq: 02 Oct 2020 10:18

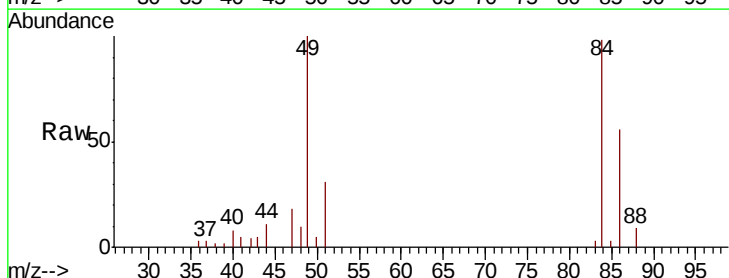
Tgt Ion: 84 Resp: 12438

Ion Ratio Lower Upper

84 100

49 102.1 76.0 141.2

86 57.2 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

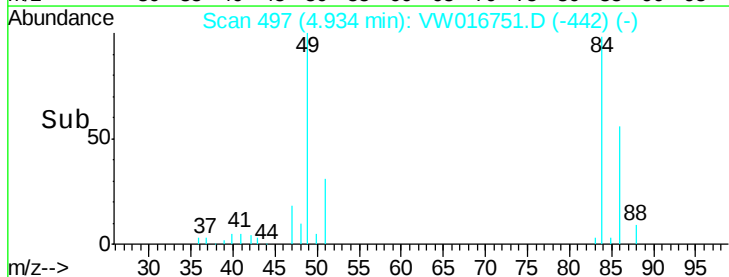
Ion 49.00 (48.70 to 49.70): VW

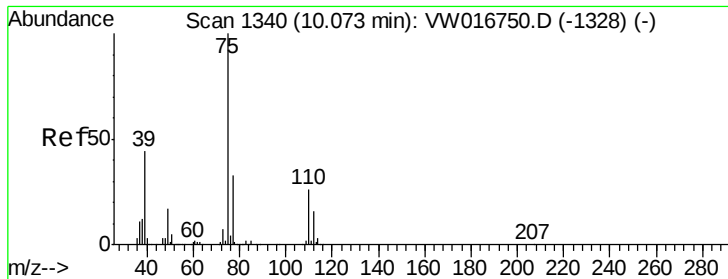
Ion 86.00 (85.70 to 86.70): VW

4.93

5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016751.D

Acq: 02 Oct 2020 10:18

Instrument :

MSVOA_W

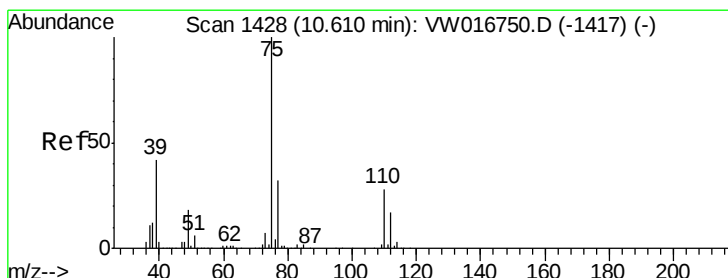
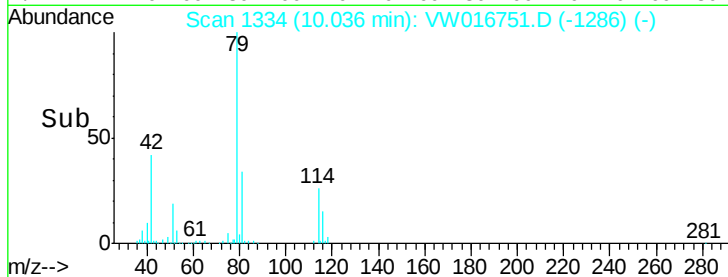
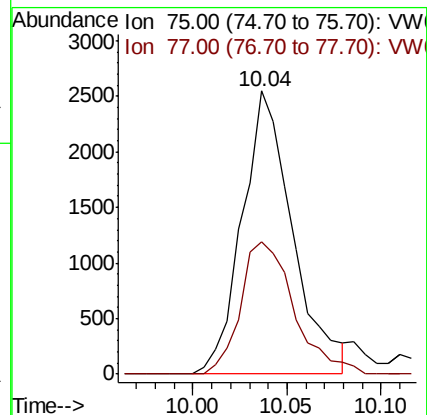
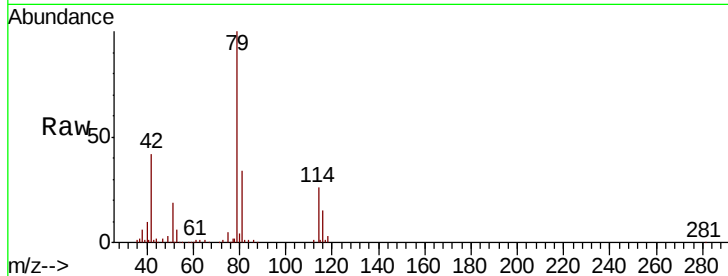
ClientSampleId :

Tot Ion: 75 Resp: 4744

Ion Ratio Lower Upper

75 100

77 46.6 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.369 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016751.D

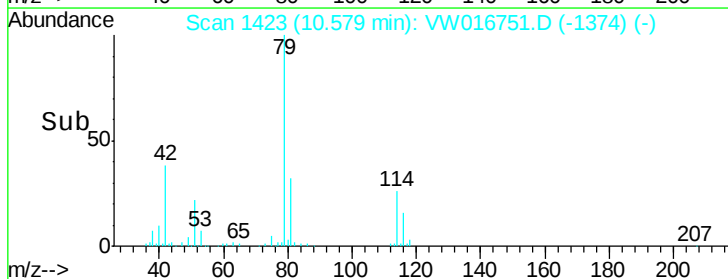
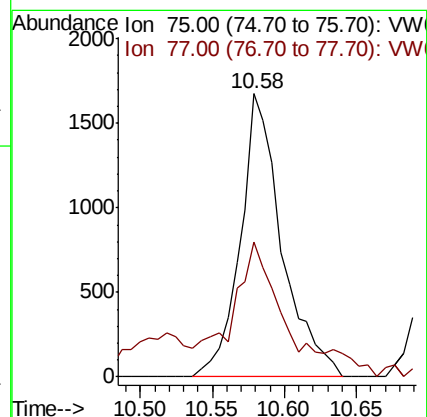
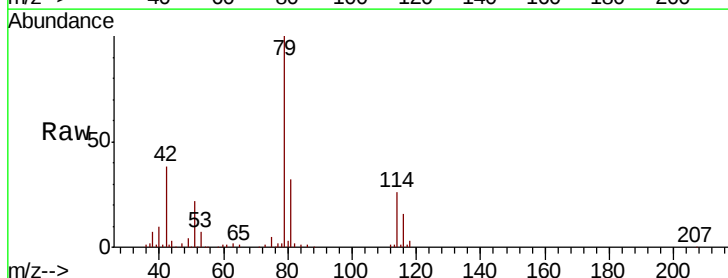
Acq: 02 Oct 2020 10:18

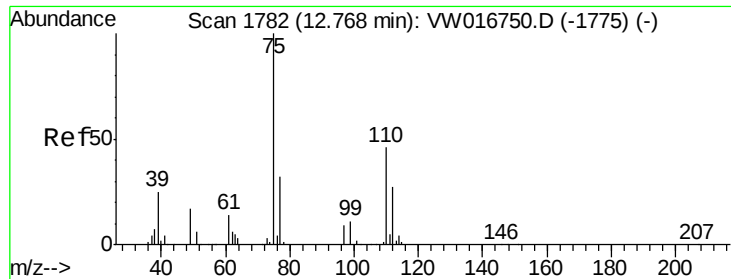
Tgt Ion: 75 Resp: 3356

Ion Ratio Lower Upper

75 100

77 47.8 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 5.603 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016751.D

Acq: 02 Oct 2020 10:18

Instrument :

MSVOA_W

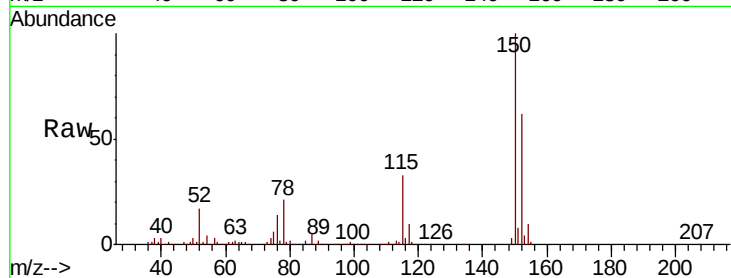
ClientSampleId :

Tot Ion: 75 Resp: 24040

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

