

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016756.D
 Acq On : 02 Oct 2020 12:18
 Operator : SY/VA
 Sample : L4201-17
 Misc : 4.39G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:28 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	648914	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	568201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	108351	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.00%
7) Chloroethane-d5	2.91	69	106353	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.03	63	184234	13.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.48%
20) 2-Butanone-d5	7.09	46	73405	42.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.72%
24) Chloroform-d	7.66	84	318279	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	160710	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.24%
29) Benzene-d6	8.28	84	606349	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.28	67	175646	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.76%
37) Toluene-d8	10.33	98	561438	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.56%
38) trans-1,3-Dichloropropene-	10.58	79	68998	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.28%
39) 2-Hexanone-d5	10.93	63	60888	48.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146616	24.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	200200	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

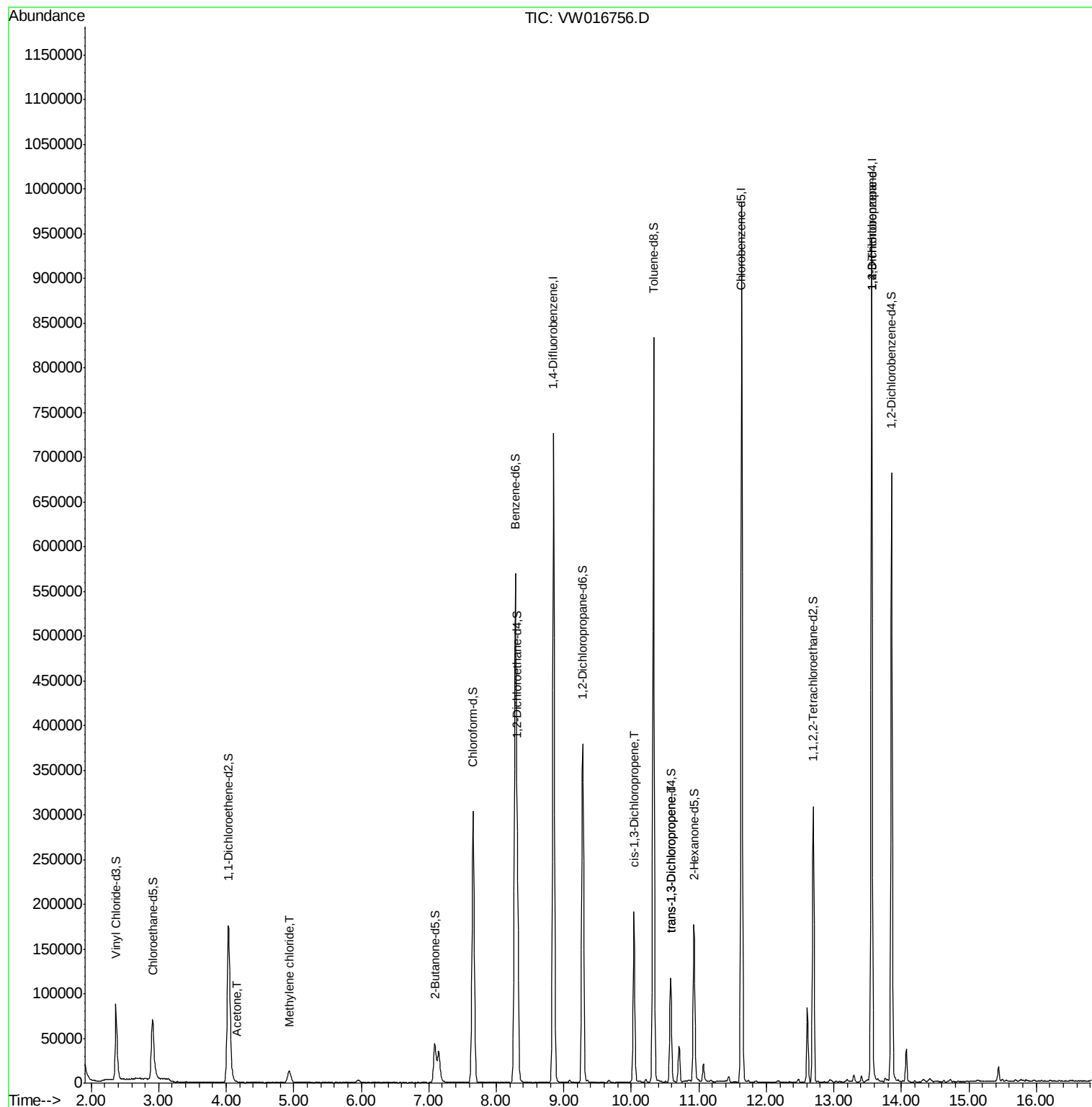
					Ovalue
13) Acetone	4.15	43	1179	0.879 ug/L	94
16) Methylene chloride	4.94	84	12101	1.209 ug/L	88
42) cis-1,3-Dichloropropene	10.04	75	5241	0.433 ug/L #	76
45) trans-1,3-Dichloropropene	10.58	75	3112	0.296 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	26000	5.231 ug/L	92

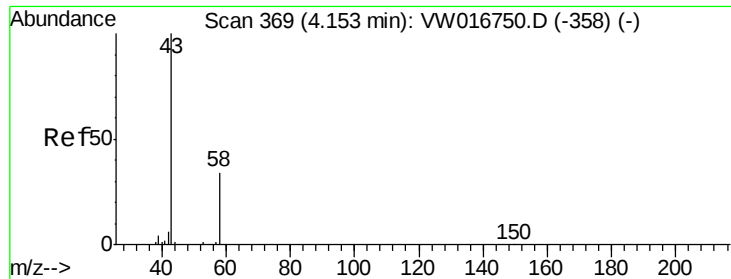
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.879 ug/L

RT: 4.15 min Scan# 369

Delta R.T. -0.00 min

Lab File: VW016756.D

Acq: 02 Oct 2020 12:18

Instrument :

MSVOA_W

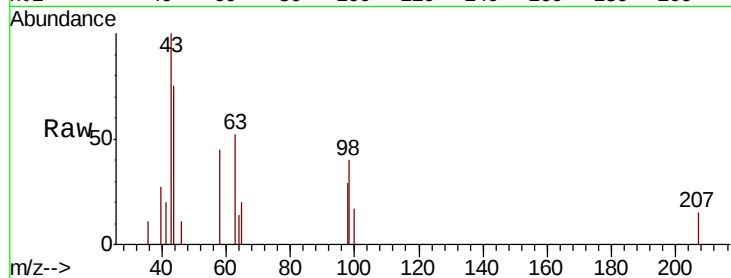
ClientSampled :

Tot Ion: 43 Resp: 1179

Ion Ratio Lower Upper

43 100

58 27.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

500

400

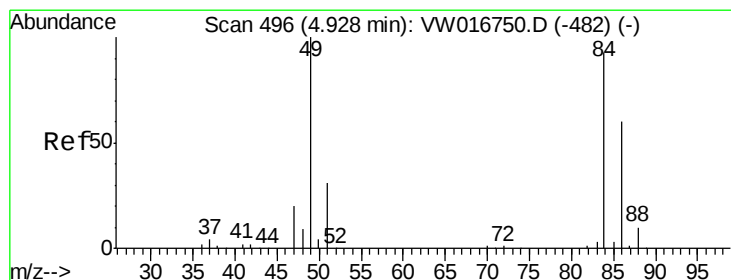
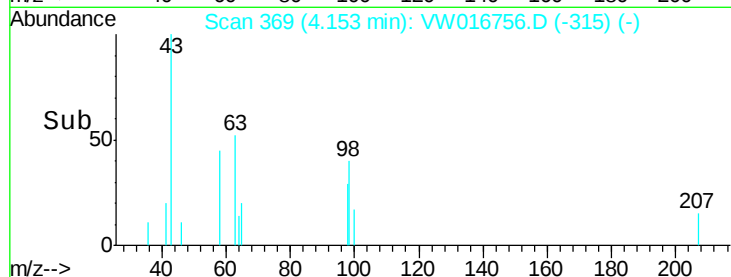
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.209 ug/L

RT: 4.94 min Scan# 498

Delta R.T. 0.01 min

Lab File: VW016756.D

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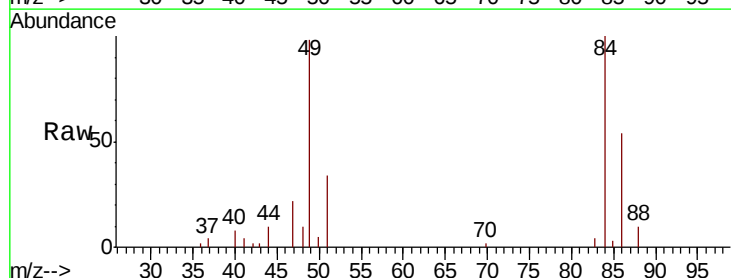
Tgt Ion: 84 Resp: 12101

Ion Ratio Lower Upper

84 100

49 98.1 76.0 141.2

86 53.6 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

5000

4000

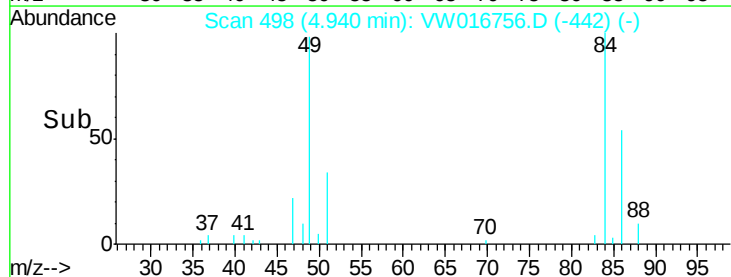
3000

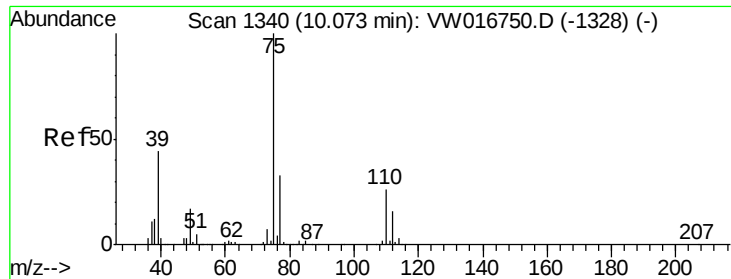
2000

1000

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016756.D

Acq: 02 Oct 2020 12:18

Instrument :

MSVOA_W

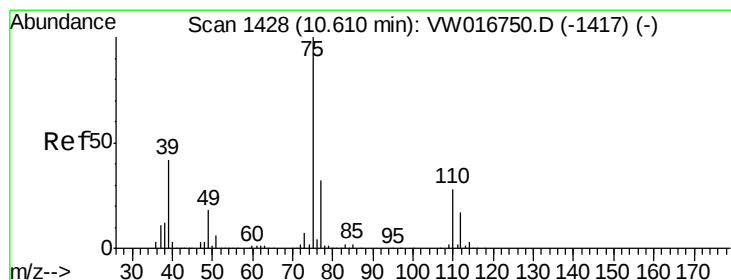
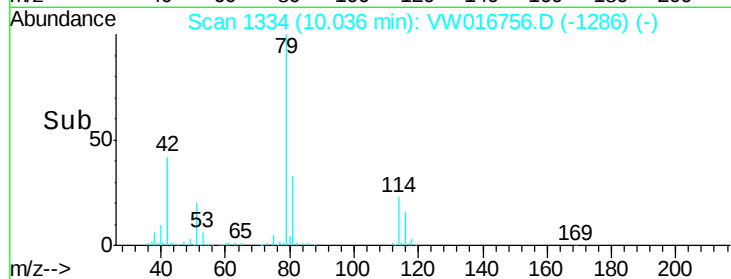
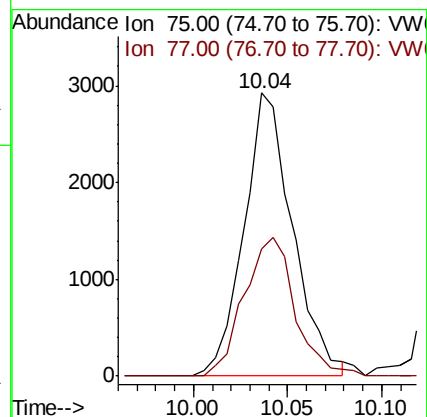
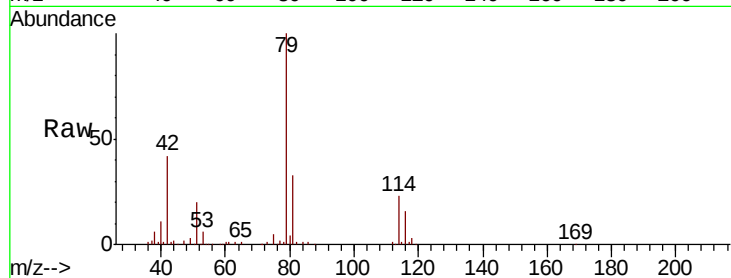
ClientSampled :

Tot Ion: 75 Resp: 5241

Ion Ratio Lower Upper

75 100

77 44.8 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.296 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016756.D

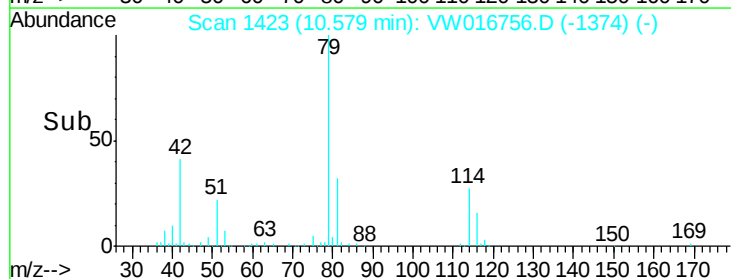
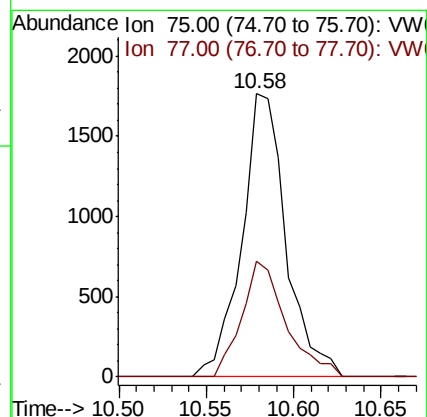
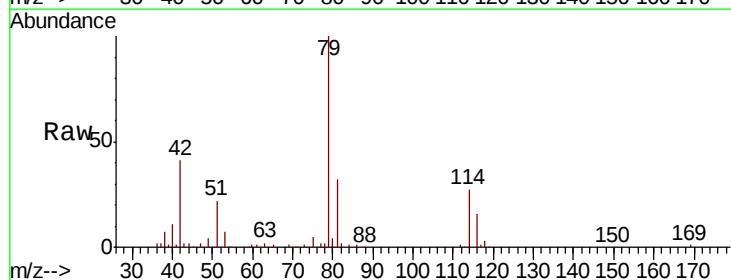
Acq: 02 Oct 2020 12:18

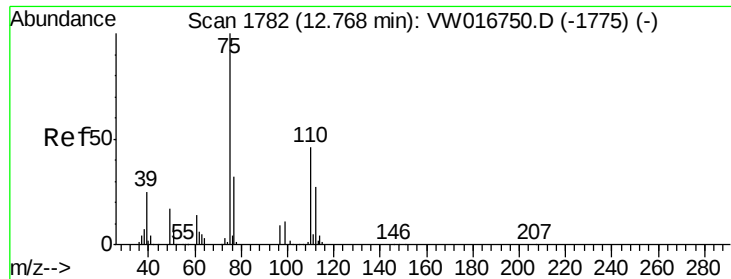
Tgt Ion: 75 Resp: 3112

Ion Ratio Lower Upper

75 100

77 40.8 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.231 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016756.D

Acq: 02 Oct 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 26000

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.4

