

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016764.D
 Acq On : 02 Oct 2020 15:45
 Operator : SY/VA
 Sample : L4235-01
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:23 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	641972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105702	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.91	69	105507	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
10) 1,1-Dichloroethene-d2	4.03	63	180300	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	7.09	46	65734	38.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.60%
24) Chloroform-d	7.66	84	314413	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	150854	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.28	84	595589	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.28	67	171615	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.33	98	559621	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.59	79	64564	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.80%
39) 2-Hexanone-d5	10.93	63	52815	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132651	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	221090	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds

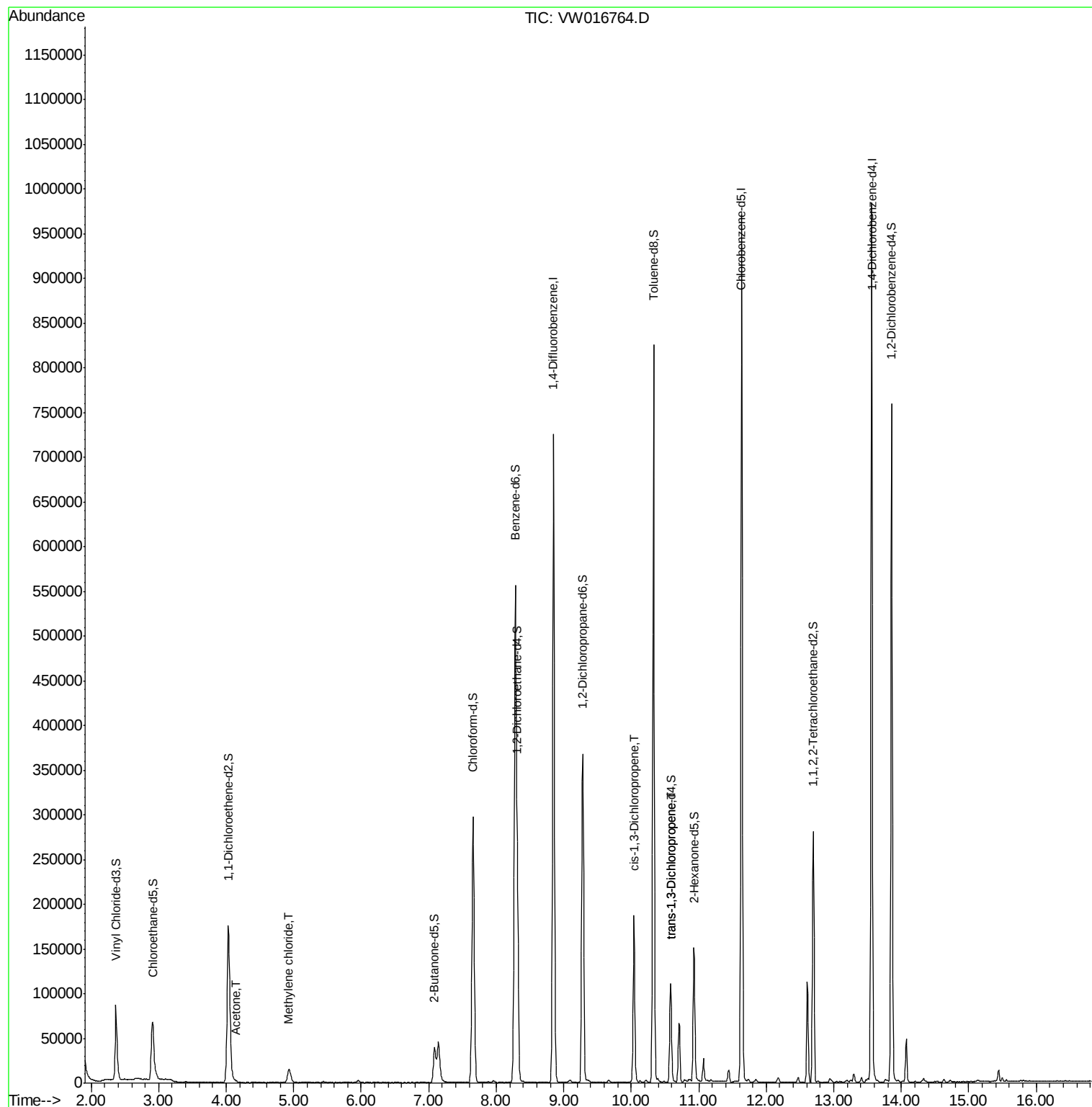
					Ovalue
13) Acetone	4.14	43	1547	1.166 ug/L	59
16) Methylene chloride	4.93	84	13594	1.373 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	5641	0.464 ug/L #	72
45) trans-1,3-Dichloropropene	10.59	75	3480	0.329 ug/L #	81

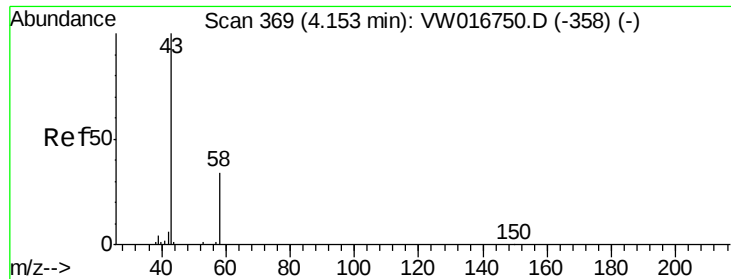
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.166 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016764.D

Acq: 02 Oct 2020 15:45

Instrument :

MSVOA_W

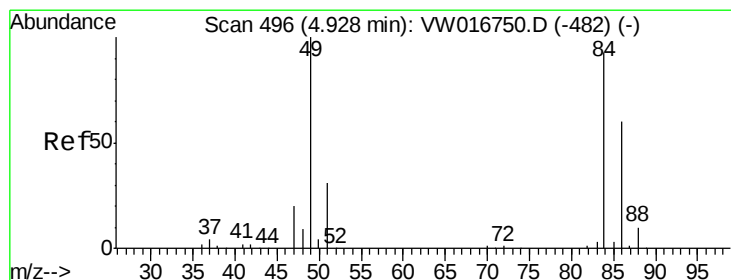
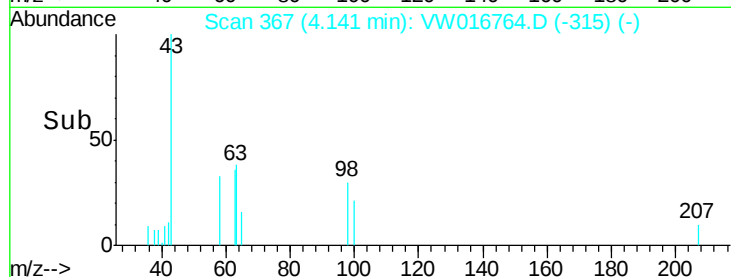
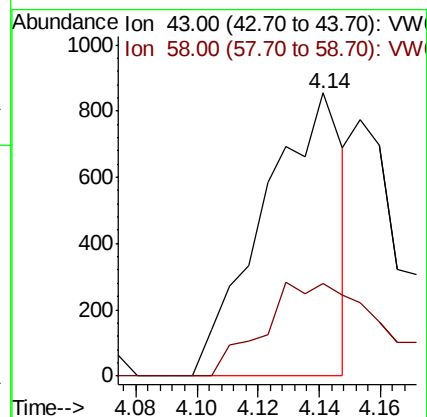
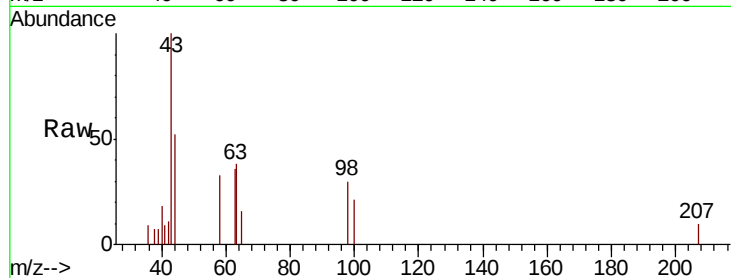
ClientSampled :

Tot Ion: 43 Resp: 1547

Ion Ratio Lower Upper

43 100

58 8.0 0.0 60.2



#16

Methylene chloride

Concen: 1.373 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016764.D

Acq: 02 Oct 2020 15:45

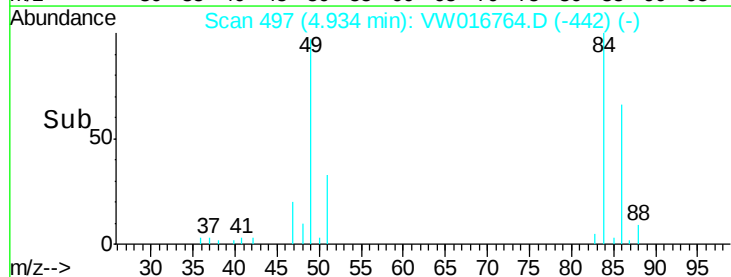
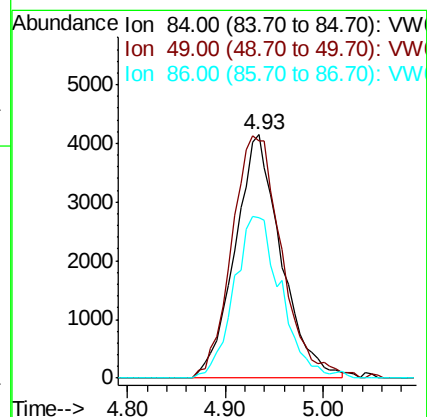
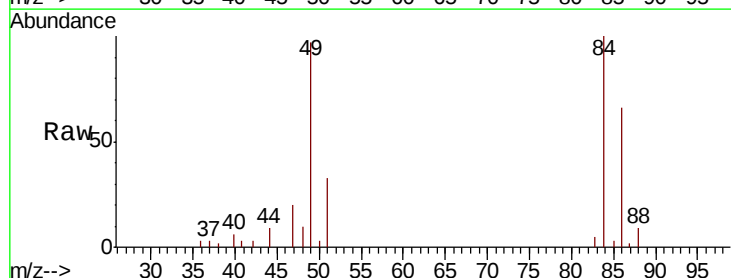
Tgt Ion: 84 Resp: 13594

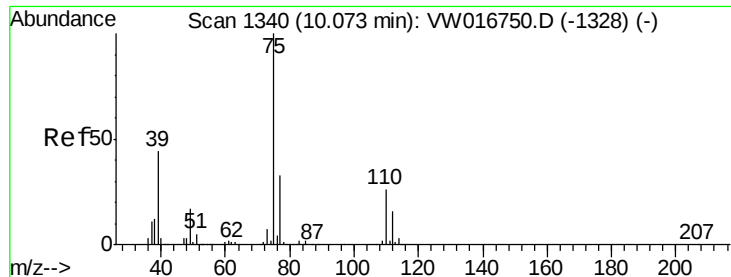
Ion Ratio Lower Upper

84 100

49 97.2 76.0 141.2

86 65.8 45.6 84.6





#42

cis-1,3-Dichloropropene

Concen: 0.464 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016764.D

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Instrument :

MSVOA_W

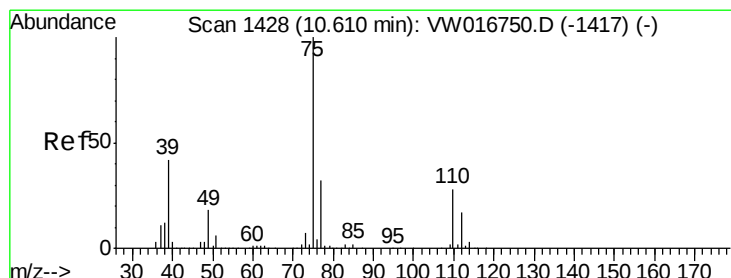
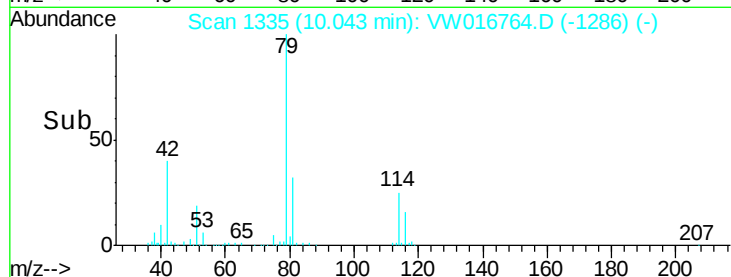
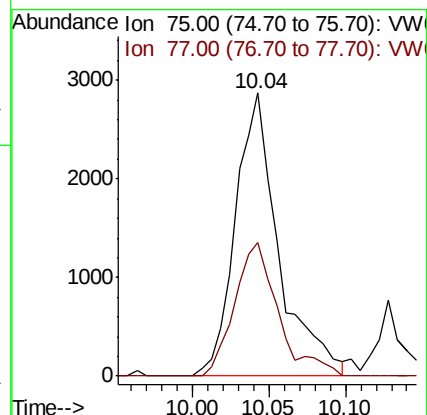
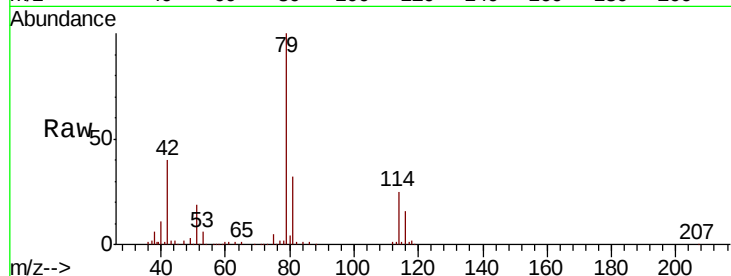
ClientSampleId :

Tot Ion: 75 Resp: 5641

Ion Ratio Lower Upper

75 100

77 47.4 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.329 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016764.D

Acq: 02 Oct 2020 15:45

Tgt Ion: 75 Resp: 3480

Ion Ratio Lower Upper

75 100

77 42.8 22.5 41.9#

