

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016770.D
 Acq On : 02 Oct 2020 18:07
 Operator : SY/VA
 Sample : L4235-11
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:58:06 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	589230	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	531127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239695	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	99103	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
7) Chloroethane-d5	2.91	69	100810	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.60%
10) 1,1-Dichloroethene-d2	4.03	63	170793	13.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	7.09	46	66412	42.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.42%
24) Chloroform-d	7.66	84	307884	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	8.31	65	148067	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.28	84	578179	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.28	67	168769	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.60%
37) Toluene-d8	10.33	98	531689	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
38) trans-1,3-Dichloropropene-	10.59	79	63257	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.76%
39) 2-Hexanone-d5	10.93	63	52625	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131715	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	198264	25.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.56%

Target Compounds

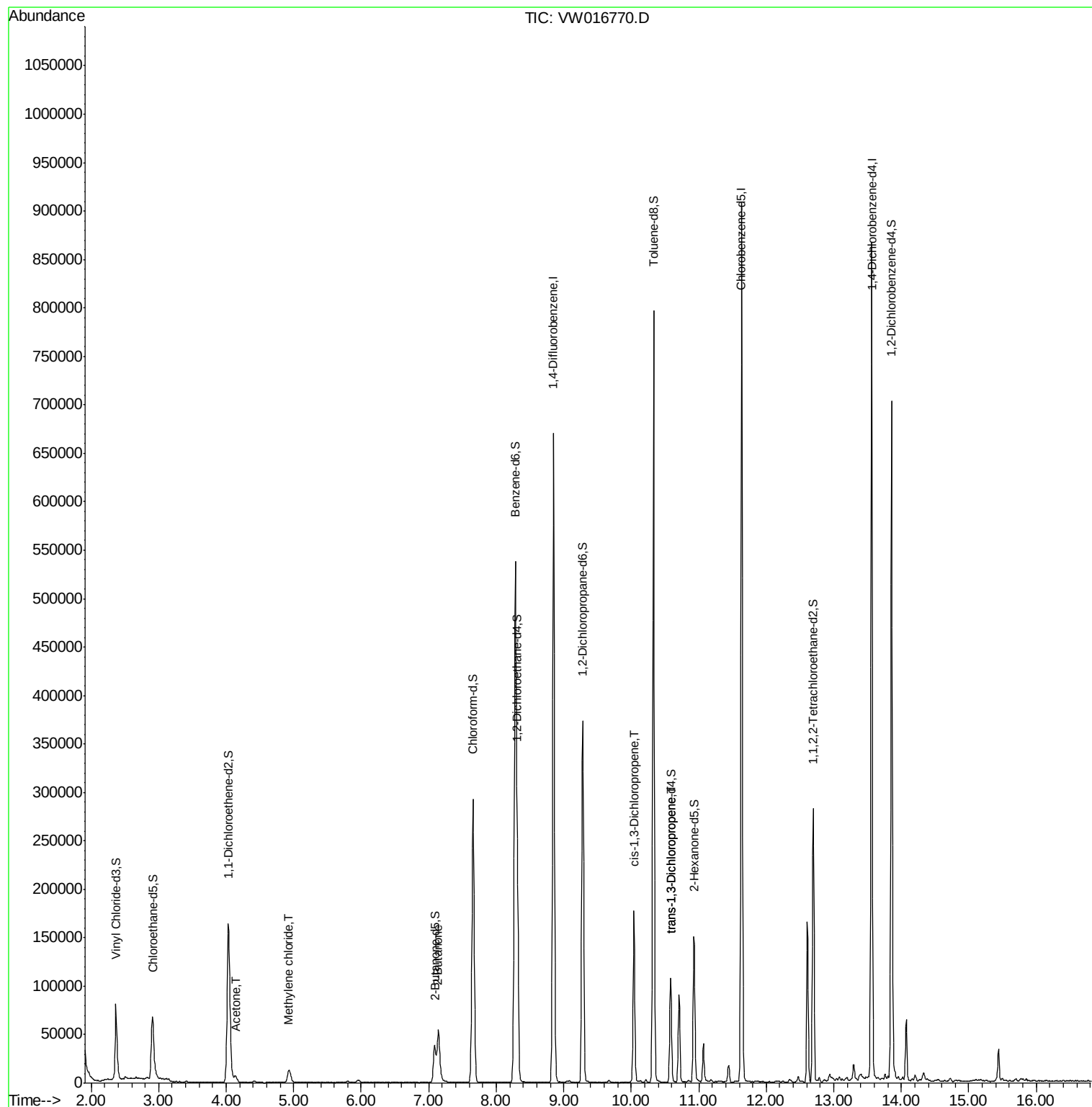
					Ovalue
13) Acetone	4.14	43	10471	8.596 ug/L	96
16) Methylene chloride	4.93	84	12065	1.328 ug/L	84
21) 2-Butanone	7.15	43	1545	0.746 ug/L	73
42) cis-1,3-Dichloropropene	10.04	75	4787	0.423 ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	3029	0.308 ug/L	89

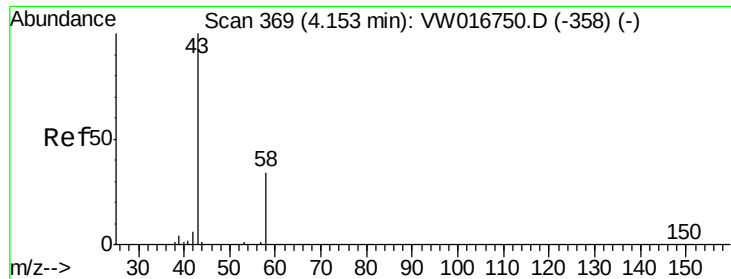
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.596 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016770.D

Acq: 02 Oct 2020 18:07

Instrument :

MSVOA_W

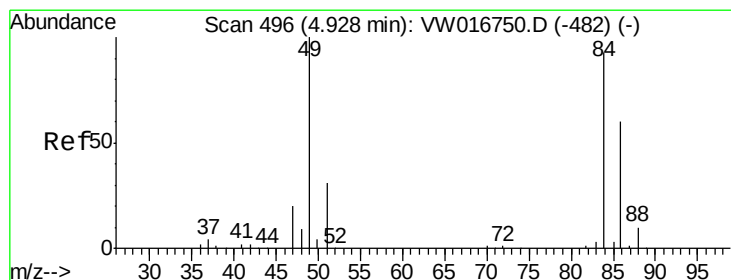
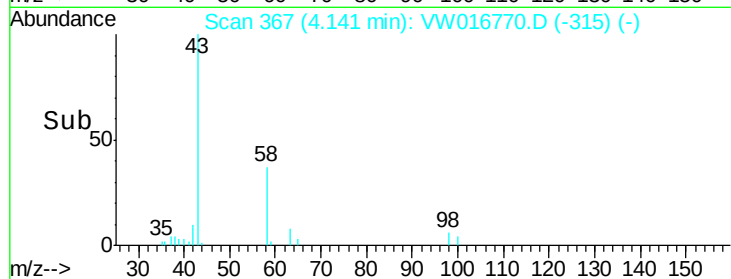
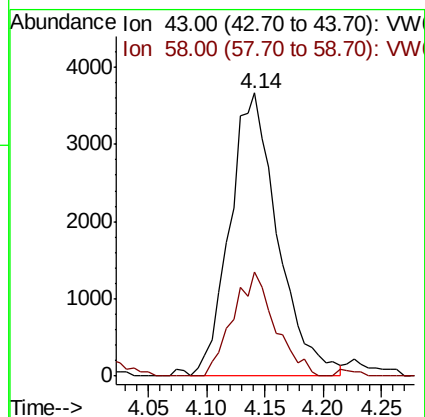
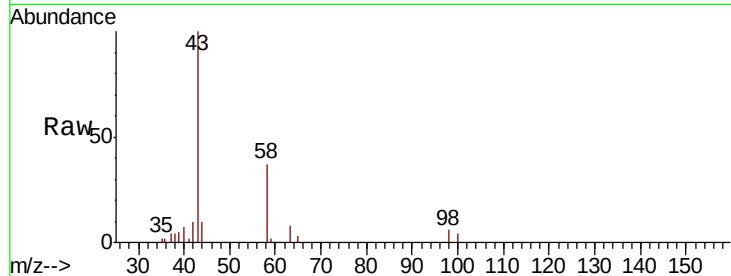
ClientSampleId :

Tot Ion: 43 Resp: 10471

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.2



#16

Methylene chloride

Concen: 1.328 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

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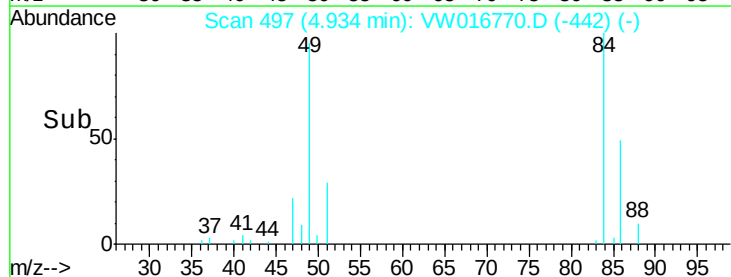
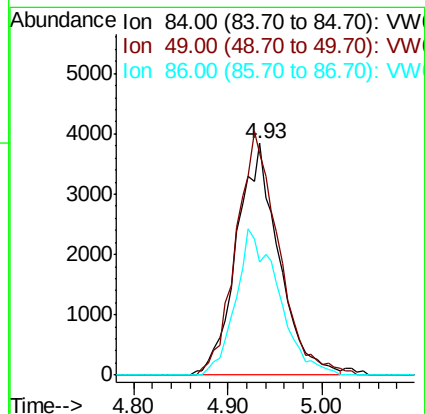
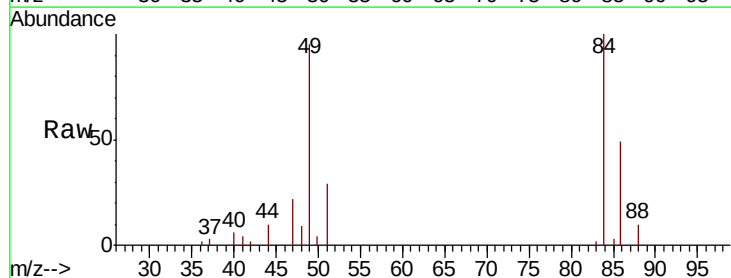
Tgt Ion: 84 Resp: 12065

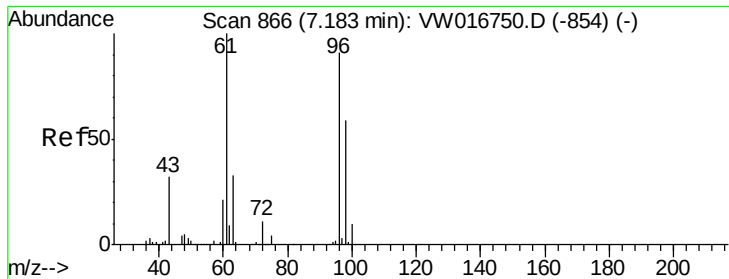
Ion Ratio Lower Upper

84 100

49 95.4 76.0 141.2

86 48.8 45.6 84.6





#21

2-Butanone

Concen: 0.746 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

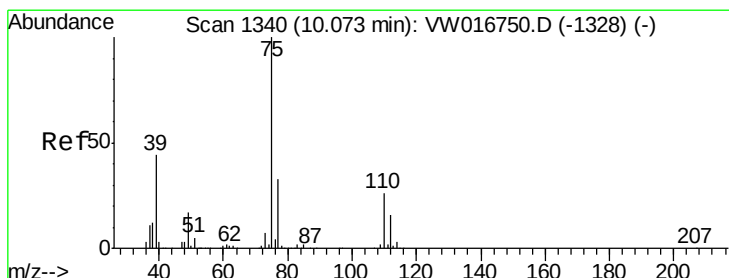
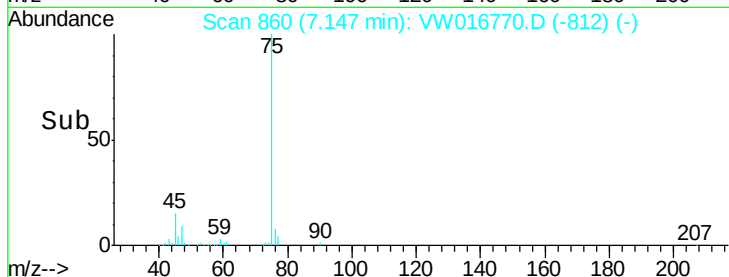
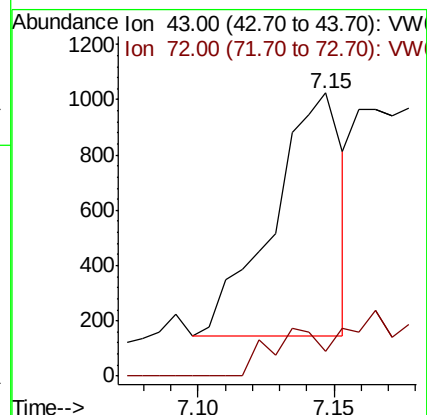
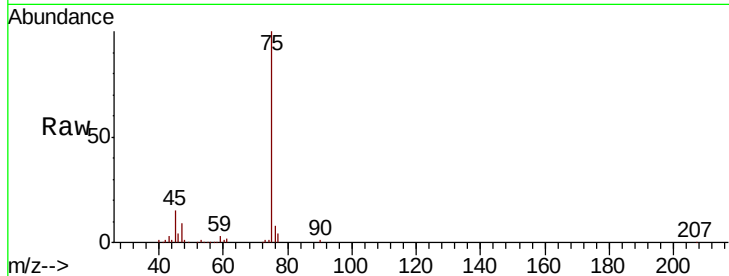
ClientSampleId :

Tot Ion: 43 Resp: 1545

Ion Ratio Lower Upper

43 100

72 14.9 14.6 43.8



#42

cis-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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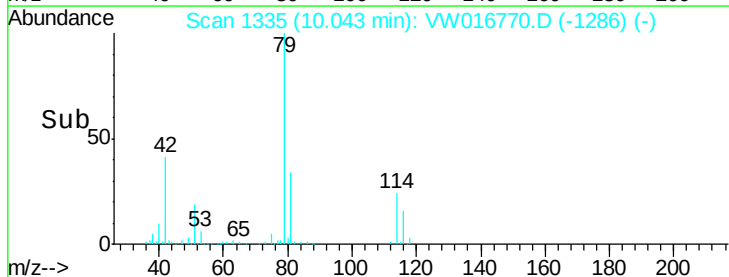
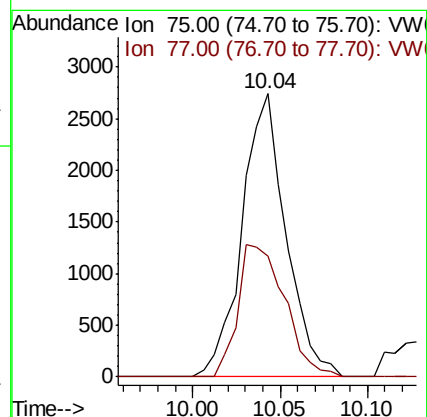
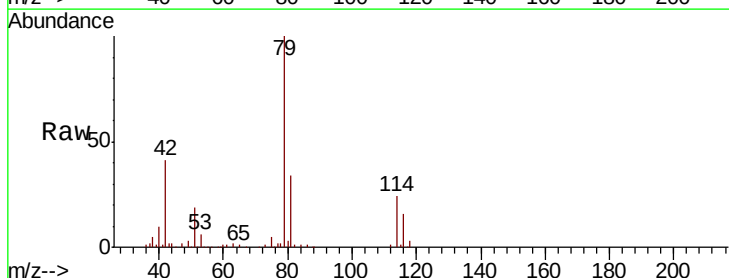
Acq: 02 Oct 2020 18:07

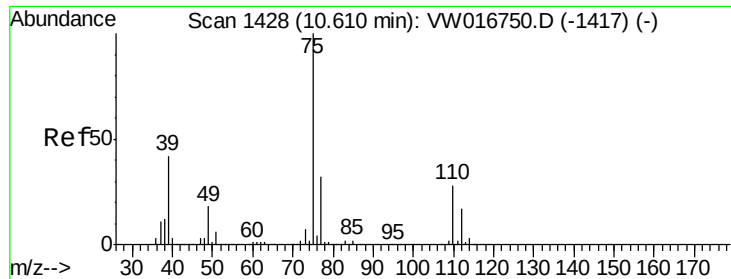
Tgt Ion: 75 Resp: 4787

Ion Ratio Lower Upper

75 100

77 42.5 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.308 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016770.D

Acq: 02 Oct 2020 18:07

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3029

Ion Ratio Lower Upper

75 100

77 38.4 22.5 41.9

