

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016710.D
 Acq On : 30 Sep 2020 14:28
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Oct 01 05:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	579318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	519528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	83742	14.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.72%
7) Chloroethane-d5	2.90	69	78927	17.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.96%
10) 1,1-Dichloroethene-d2	4.03	63	147330	11.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.00%
20) 2-Butanone-d5	7.09	46	65501	42.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.68%
24) Chloroform-d	7.65	84	281152	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.31	65	145727	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.28	84	487046	20.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.60%
33) 1,2-Dichloropropane-d6	9.28	67	144243	22.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.36%
37) Toluene-d8	10.33	98	443905	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	62211	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.16%
39) 2-Hexanone-d5	10.93	63	51225	44.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128097	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	203129	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

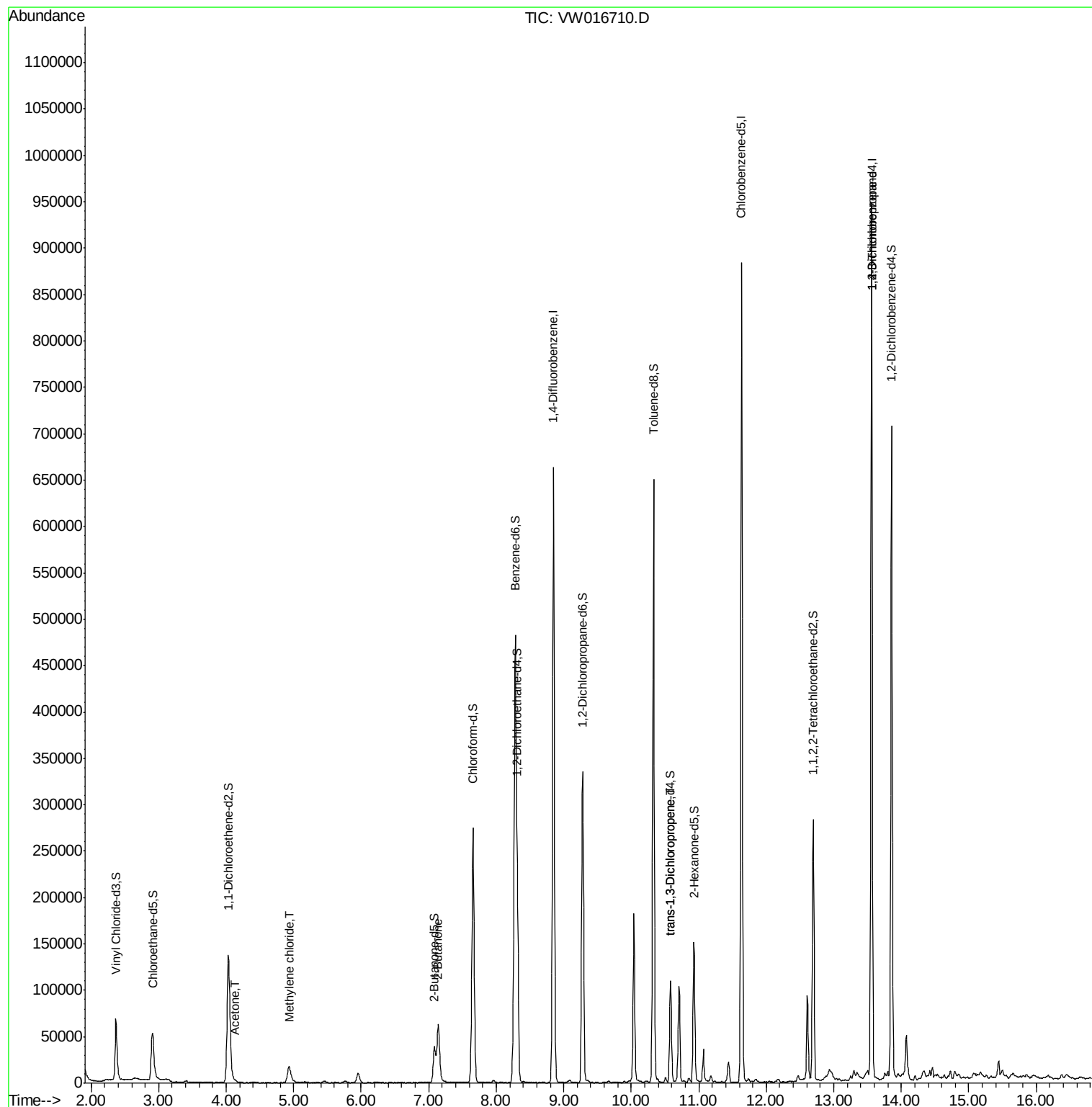
					Ovalue
13) Acetone	4.14	43	1561	1.303 ug/L	75
16) Methylene chloride	4.93	84	16103	1.802 ug/L	94
21) 2-Butanone	7.14	43	2431	1.193 ug/L #	57
45) trans-1,3-Dichloropropene	10.59	75	3524	0.366 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	27465	6.044 ug/L	89

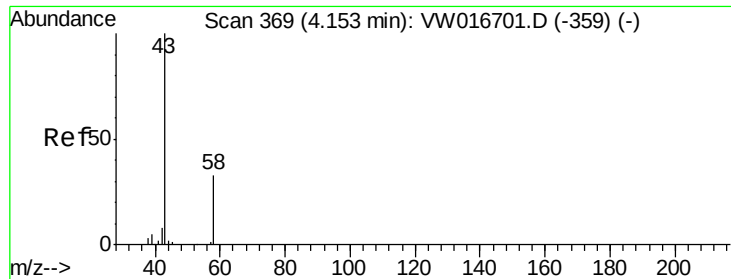
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.303 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016710.D

Acq: 30 Sep 2020 14:28

Instrument :

MSVOA_W

ClientSampled :

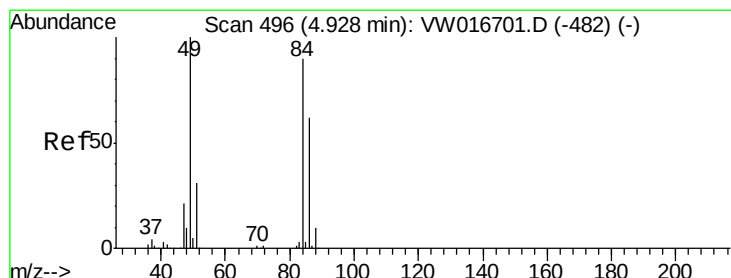
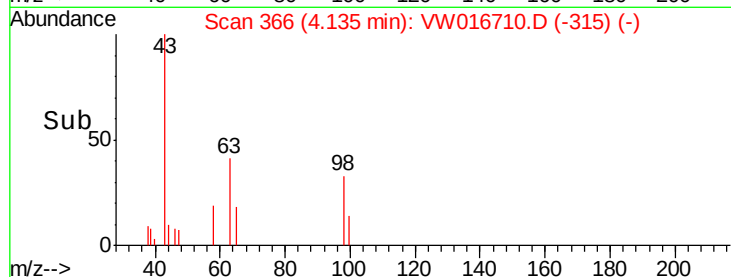
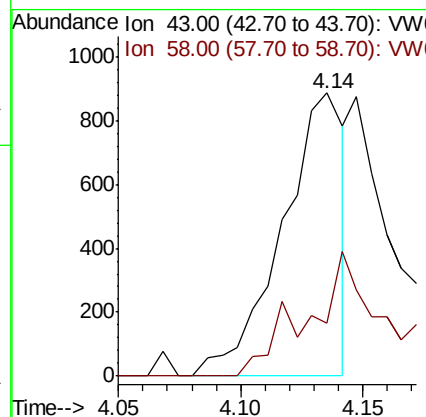
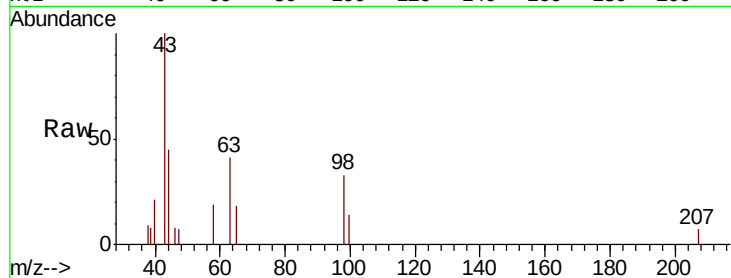
VIBLK

Tot Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

58 16.6 0.0 60.2



#16

Methylene chloride

Concen: 1.802 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016710.D

Acq: 30 Sep 2020 14:28

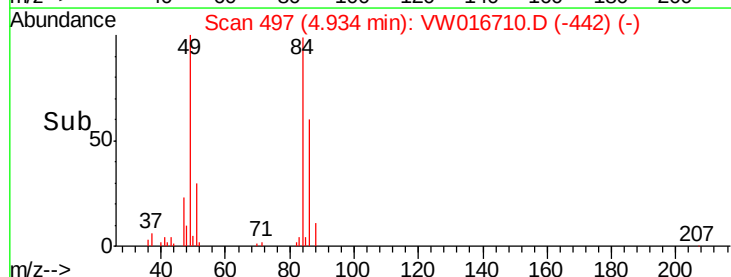
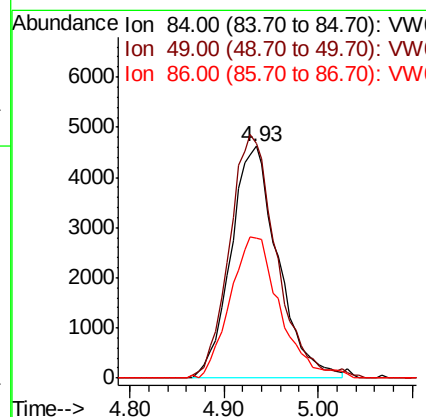
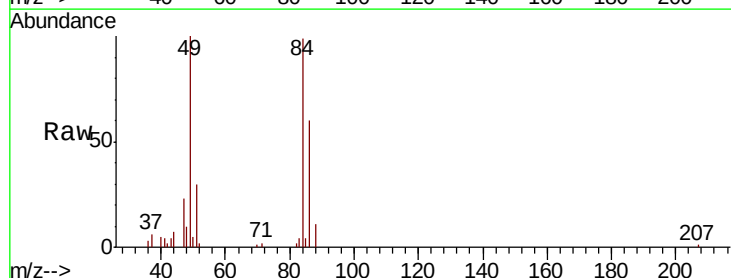
Tgt Ion: 84 Resp: 16103

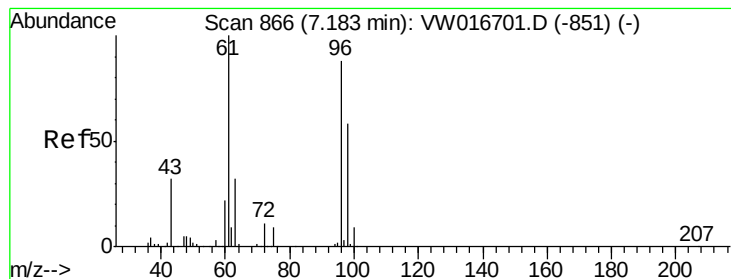
Ion Ratio Lower Upper

84 100

49 101.4 76.0 141.2

86 60.6 45.6 84.6





#21

2-Butanone

Concen: 1.193 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW016710.D

Acq: 30 Sep 2020 14:28

Instrument :

MSVOA_W

ClientSampleId :

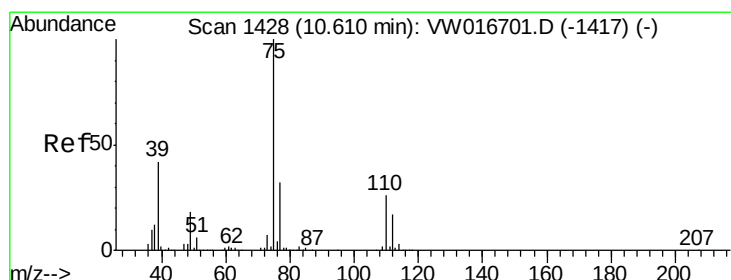
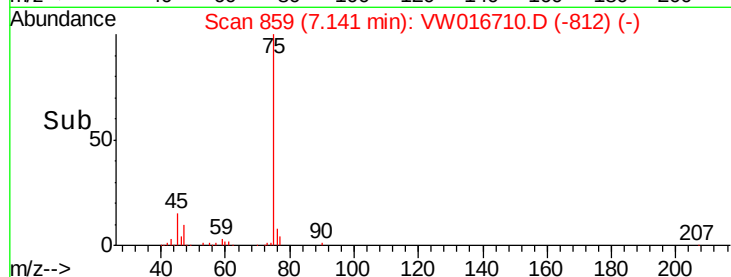
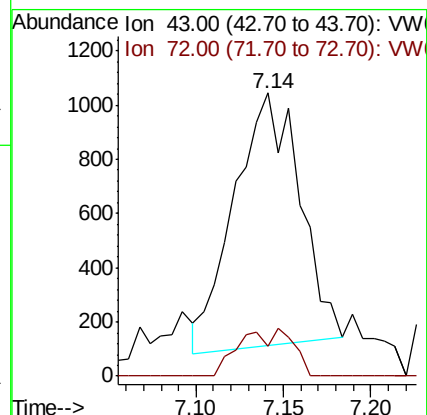
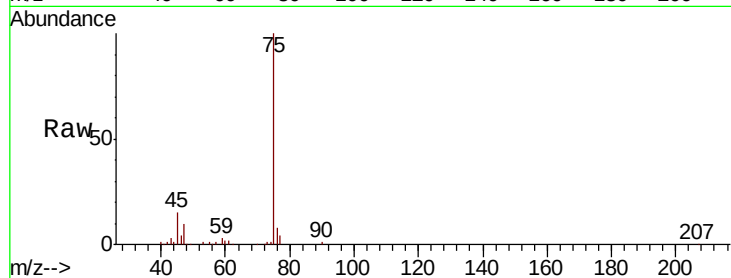
VIBLK

Tot Ion: 43 Resp: 2431

Ion Ratio Lower Upper

43 100

72 6.2 14.6 43.8#



#45

trans-1,3-Dichloropropene

Concen: 0.366 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016710.D

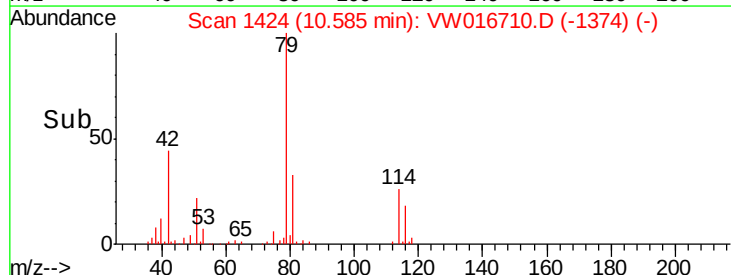
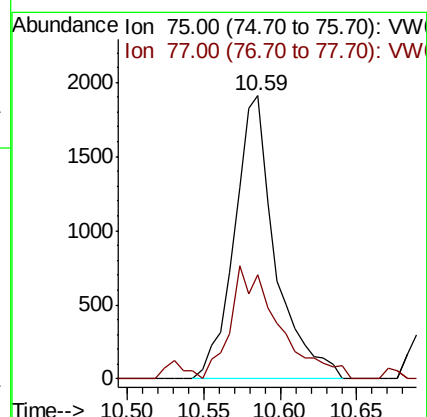
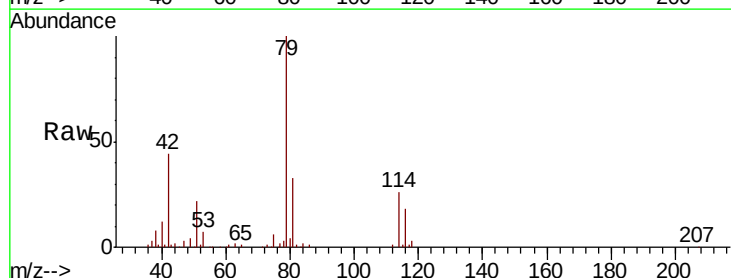
Acq: 30 Sep 2020 14:28

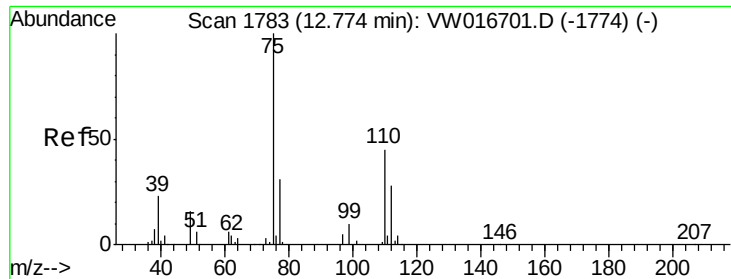
Tgt Ion: 75 Resp: 3524

Ion Ratio Lower Upper

75 100

77 36.9 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 6.044 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016710.D

Acq: 30 Sep 2020 14:28

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 27465

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.4

