

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016583.D
 Acq On : 18 Sep 2020 14:06
 Operator : SY/VA
 Sample : VW0918SBL02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK102

Quant Time: Sep 19 00:20:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 13:07:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	605288	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	538004	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	261492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160571	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
7) Chloroethane-d5	2.90	69	127389	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	4.03	63	245826	17.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.92%
21) 2-Butanone-d5	7.09	46	80092	52.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.76%
24) Chloroform-d	7.65	84	343947	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.31	65	186029	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
32) Benzene-d6	8.28	84	674317	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	9.28	67	188590	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	10.32	98	652532	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.36%
43) trans-1,3-Dichloropropene-	10.58	79	91770	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.16%
47) 2-Hexanone-d5	10.93	63	64760	54.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.90%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	154439	26.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.00%
66) 1,2-Dichlorobenzene-d4	13.85	152	245729	25.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.80%

Target Compounds

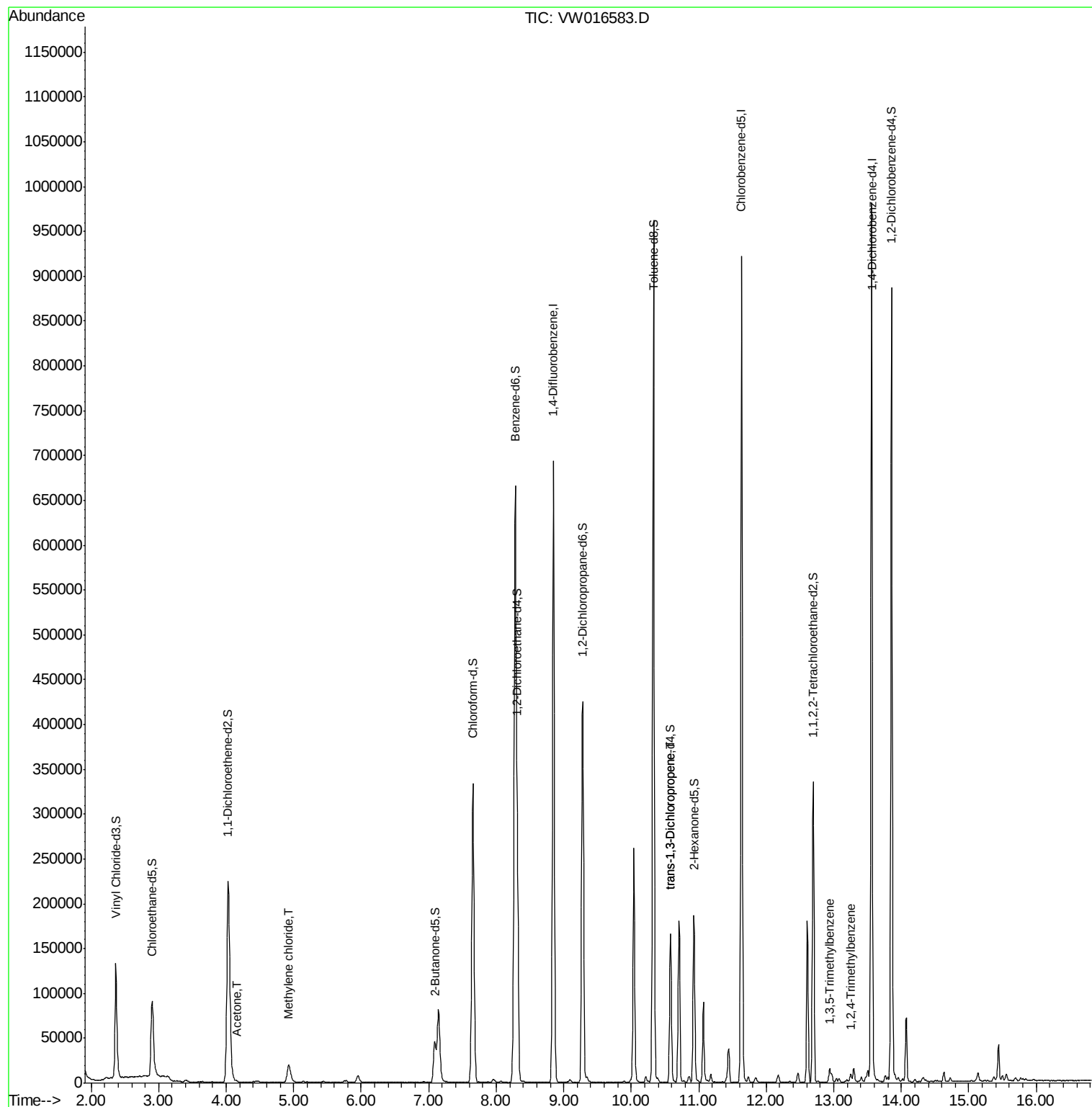
					Ovalue
13) Acetone	4.15	43	1789	1.734 ug/L	67
16) Methylene chloride	4.93	84	17814	2.008 ug/L	93
44) trans-1,3-Dichloropropene	10.58	75	4984	0.501 ug/L	88
62) 1,3,5-Trimethylbenzene	12.94	105	4643	0.148 ug/L	95
63) 1,2,4-Trimethylbenzene	13.26	105	5803	0.186 ug/L	94

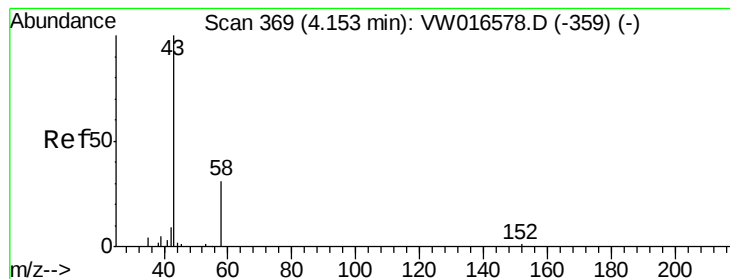
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 18 13:07:26 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.734 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW016583.D

Acq: 18 Sep 2020 14:06

Instrument :

MSVOA_W

ClientSampled :

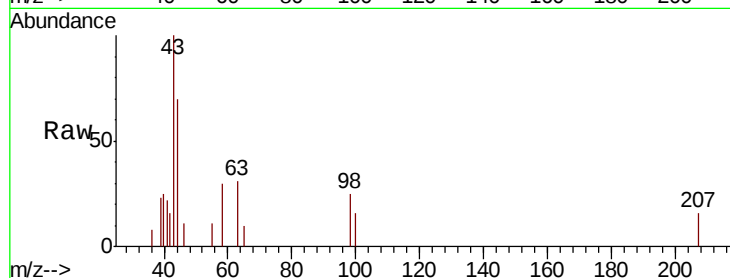
VBLK102

Tot Ion: 43 Resp: 1789

Ion Ratio Lower Upper

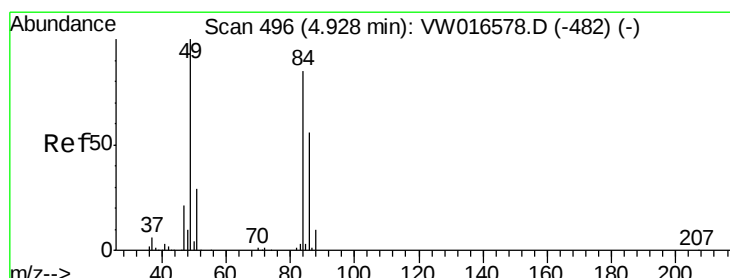
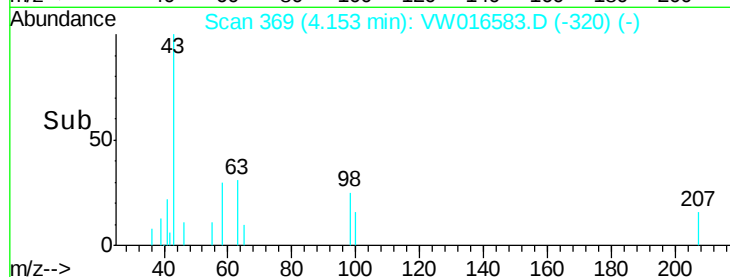
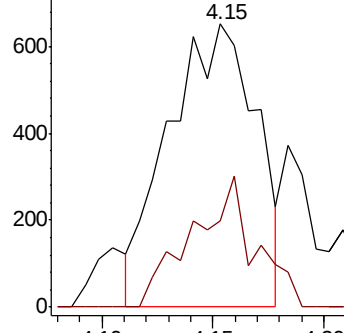
43 100

58 12.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.008 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016583.D

Acq: 18 Sep 2020 14:06

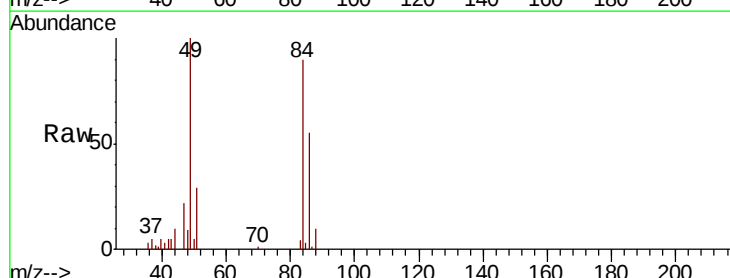
Tgt Ion: 84 Resp: 17814

Ion Ratio Lower Upper

84 100

86 60.9 46.2 85.8

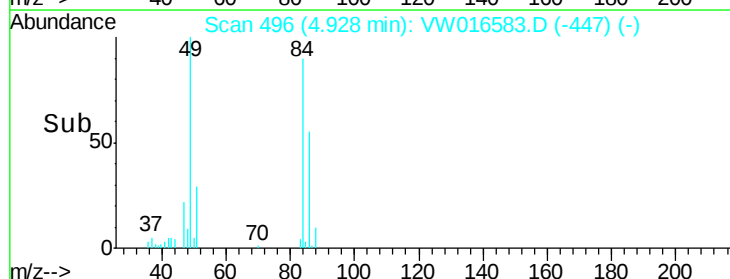
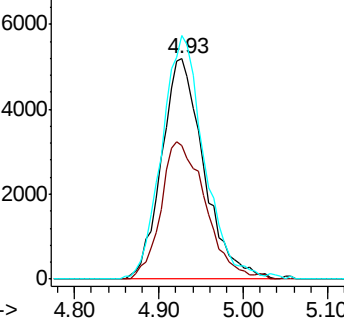
49 110.6 82.8 153.8

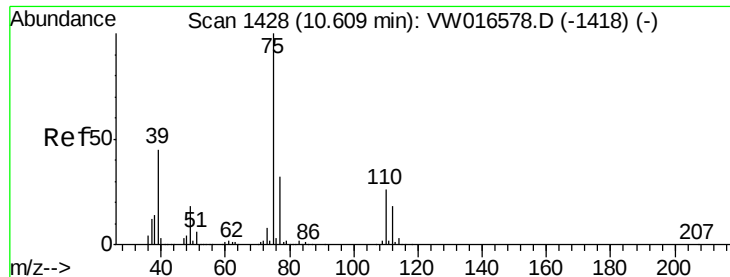


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 86.00 (85.70 to 86.70): VW

Ion 49.00 (48.70 to 49.70): VW





#44

trans-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016583.D

Acq: 18 Sep 2020 14:06

Instrument :

MSVOA_W

ClientSampleId :

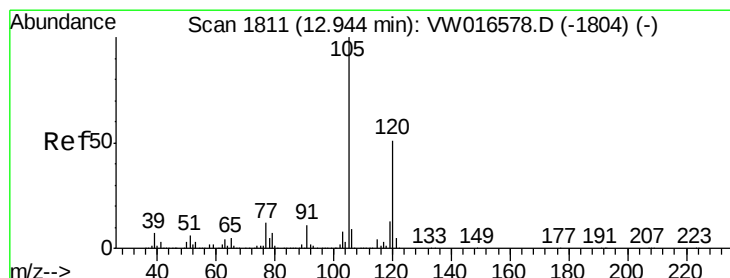
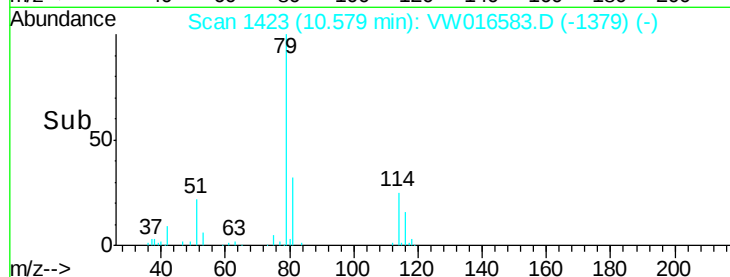
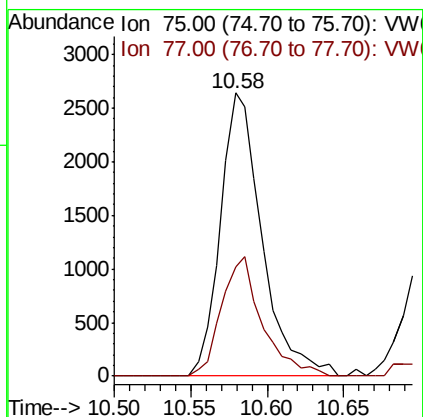
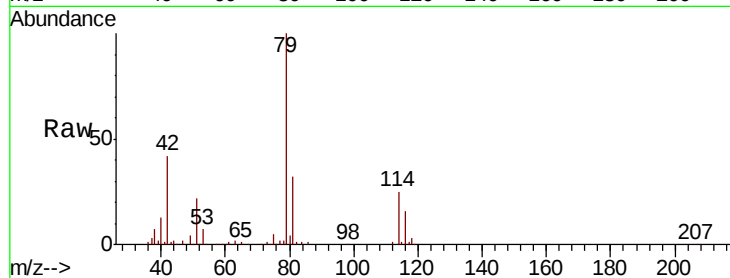
VBLK102

Tot Ion: 75 Resp: 4984

Ion Ratio Lower Upper

75 100

77 38.4 22.1 41.1



#62

1,3,5-Trimethylbenzene

Concen: 0.148 ug/L

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016583.D

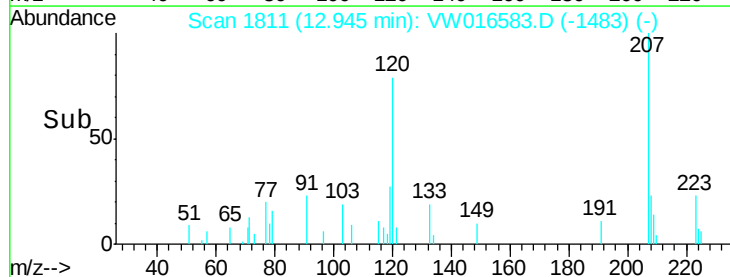
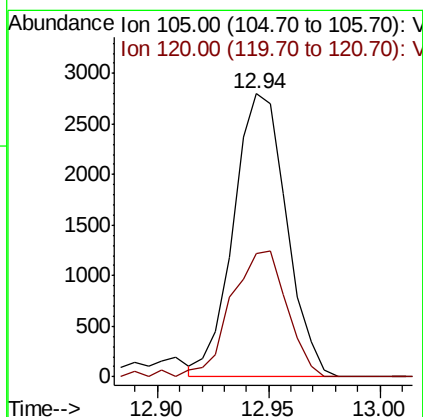
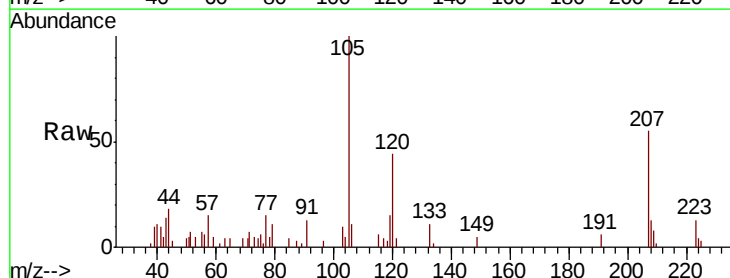
Acq: 18 Sep 2020 14:06

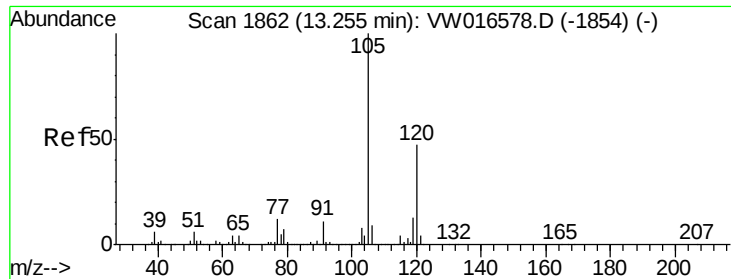
Tgt Ion: 105 Resp: 4643

Ion Ratio Lower Upper

105 100

120 46.6 39.8 59.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.186 ug/L
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW016583.D
 Acq: 18 Sep 2020 14:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK102

Tot Ion:105 Resp: 5803
 Ion Ratio Lower Upper
 105 100
 120 41.4 36.4 54.6

