

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016573.D
 Acq On : 17 Sep 2020 14:36
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 18 01:47:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:46:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	619488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	551691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105994	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.72%
7) Chloroethane-d5	2.90	69	92117	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.24%
10) 1,1-Dichloroethene-d2	4.02	63	170621	12.73	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.92%
20) 2-Butanone-d5	7.09	46	64881	39.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.38%
24) Chloroform-d	7.65	84	270520	20.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	8.43	65	150	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	491305	19.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.44%
33) 1,2-Dichloropropane-d6	9.28	67	143416	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.56%
37) Toluene-d8	10.33	98	454281	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.64%
38) trans-1,3-Dichloropropene-	10.58	79	67394	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.76%
39) 2-Hexanone-d5	10.93	63	50258	41.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119304	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	193340	22.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.24%

Target Compounds

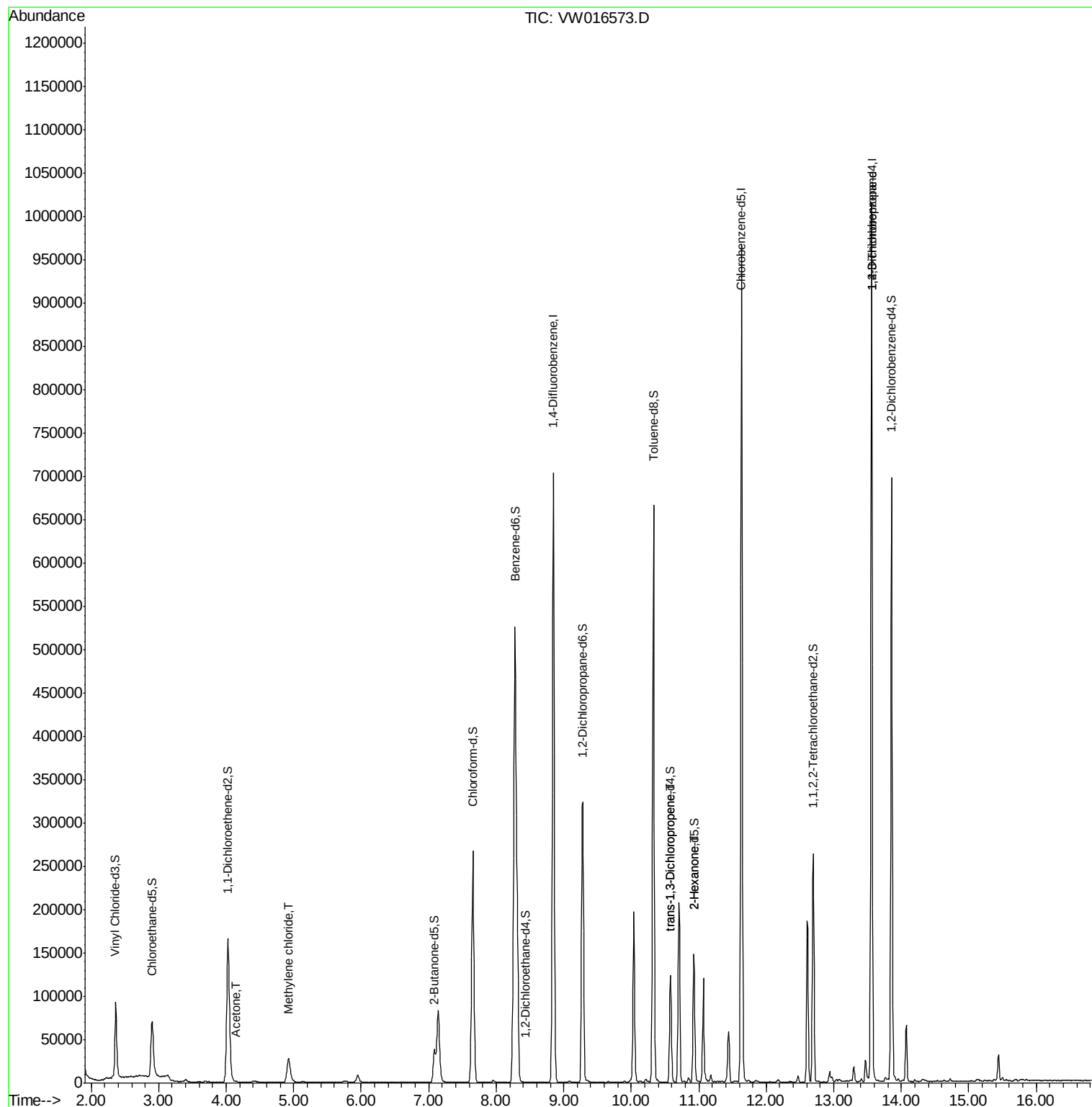
					Ovalue
13) Acetone	4.14	43	939	0.733 ug/L	70
16) Methylene chloride	4.92	84	23767	2.488 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	3871	0.379 ug/L	85
49) 2-Hexanone	10.93	43	6609	2.383 ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	29129	6.036 ug/L	90

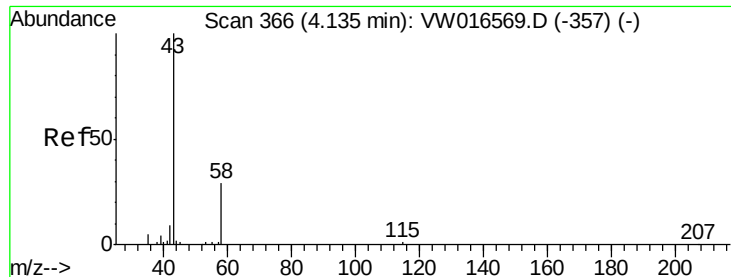
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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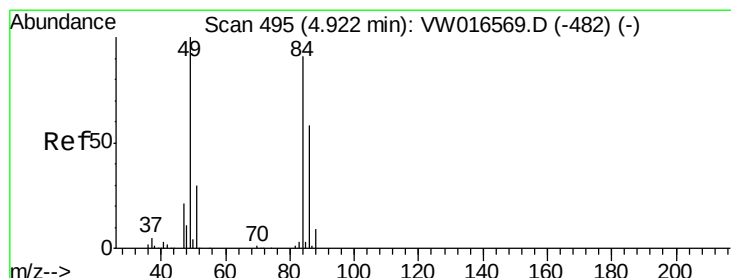
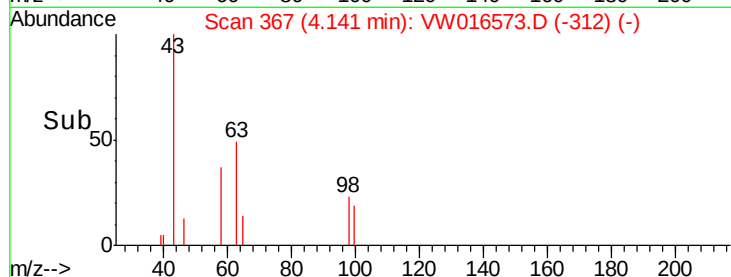
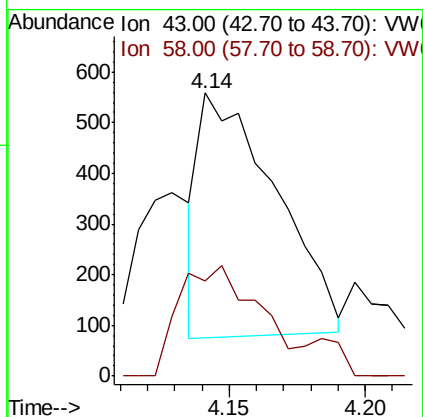
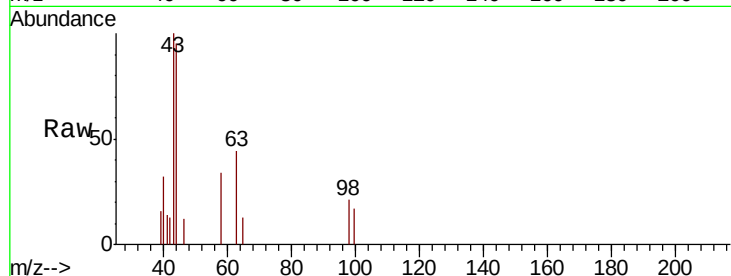




#13
Acetone
Concen: 0.733 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW016573.D
Acq: 17 Sep 2020 14:36

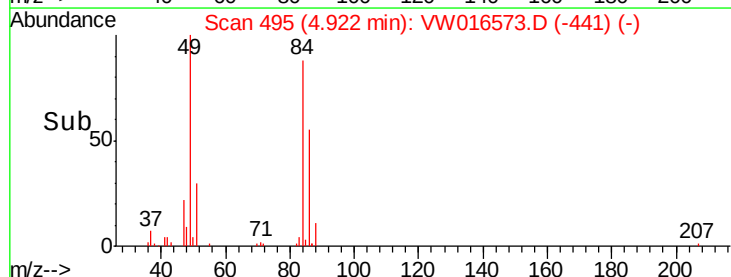
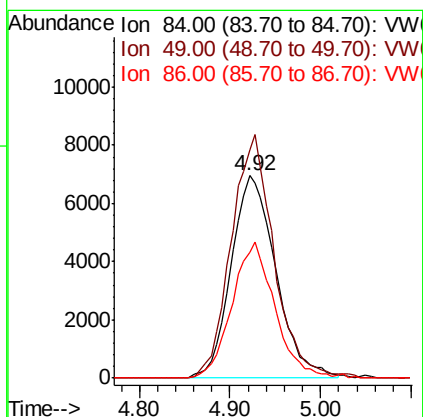
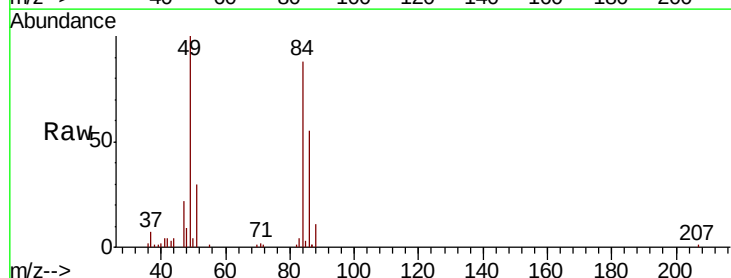
Instrument :
MSVOA_W
ClientSampled :
VIBLK

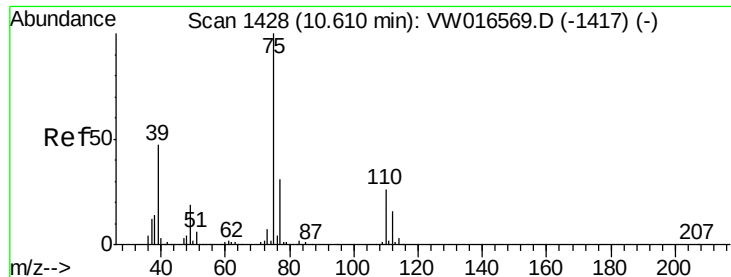
Tot Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 46.6 0.0 60.2



#16
Methylene chloride
Concen: 2.488 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016573.D
Acq: 17 Sep 2020 14:36

Tgt Ion: 84 Resp: 23767
Ion Ratio Lower Upper
84 100
49 113.1 76.0 141.2
86 62.0 45.6 84.6





#45

trans-1,3-Dichloropropene

Concen: 0.379 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016573.D

Acq: 17 Sep 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

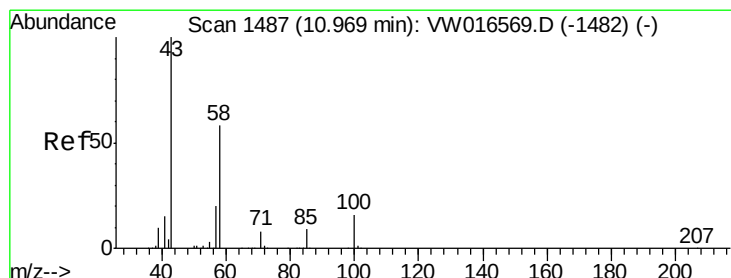
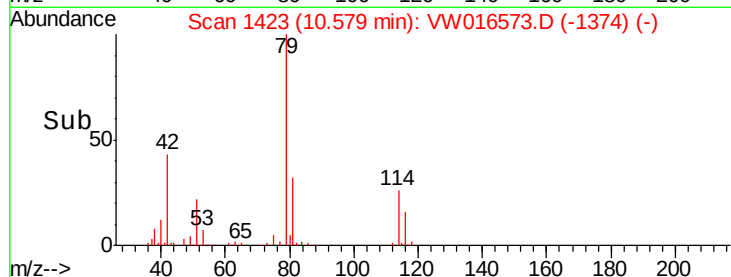
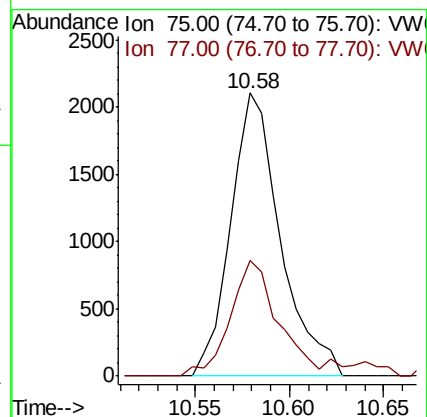
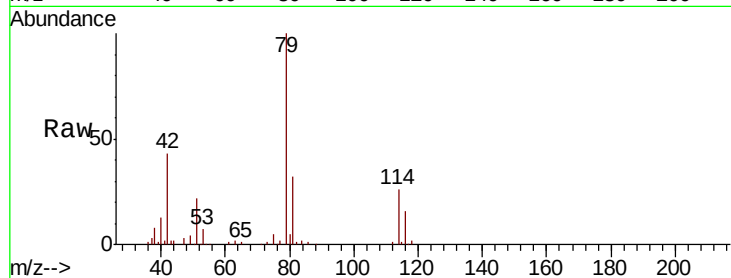
VIBLK

Tot Ion: 75 Resp: 3871

Ion Ratio Lower Upper

75 100

77 40.8 22.5 41.9



#49

2-Hexanone

Concen: 2.383 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016573.D

Acq: 17 Sep 2020 14:36

Tgt Ion: 43 Resp: 6609

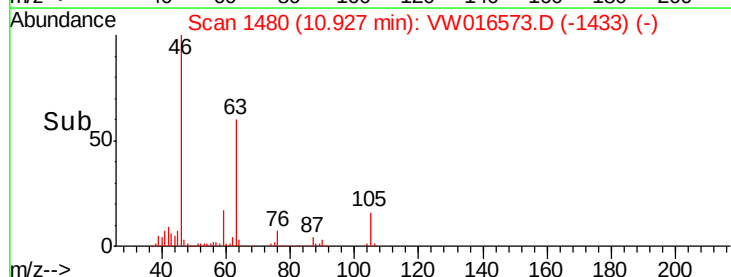
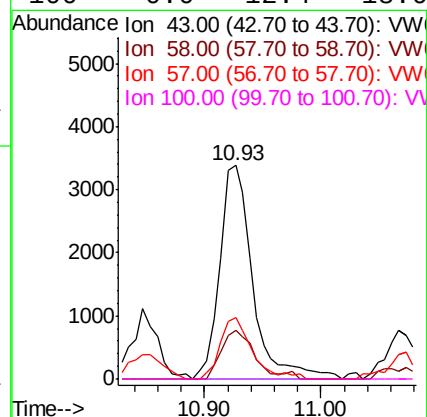
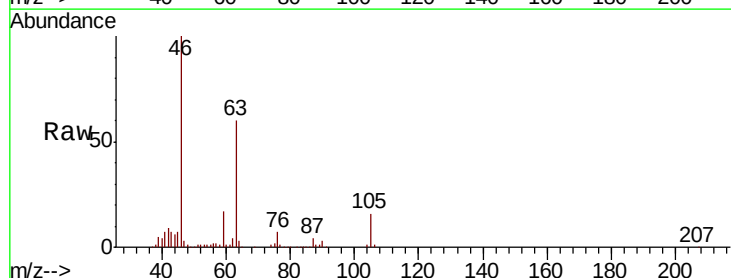
Ion Ratio Lower Upper

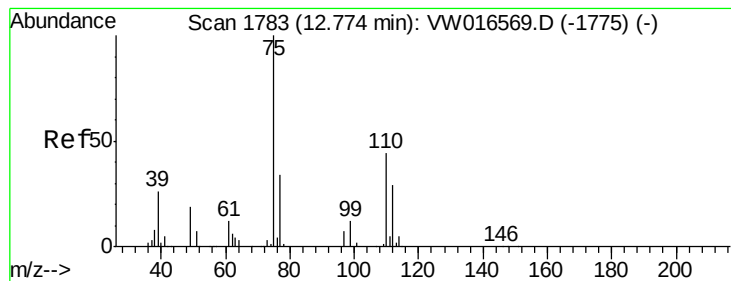
43 100

58 21.5 44.2 66.2#

57 26.3 16.3 24.5#

100 0.0 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 6.036 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016573.D

Acq: 17 Sep 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 29129

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.4

