

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014671.D
 Acq On : 16 Jan 2020 14:28
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 17 01:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	982895	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	890277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	422654	25.00	ug/L	0.00

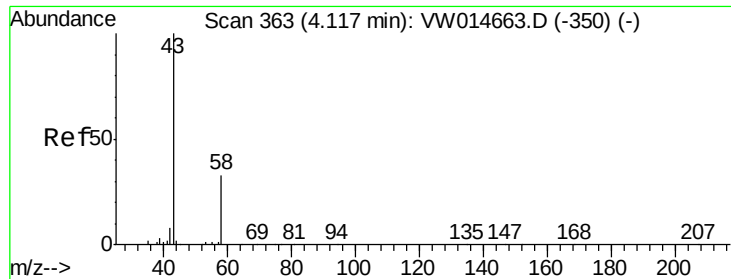
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281854	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.36%
7) Chloroethane-d5	2.89	69	230043	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
10) 1,1-Dichloroethene-d2	4.02	63	425265	16.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	7.07	46	206137	62.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.04%
24) Chloroform-d	7.64	84	540467	23.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	8.48	65	141	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1188596	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.27	67	365756	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	10.32	98	1076121	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.28%
38) trans-1,3-Dichloropropene-	10.57	79	143179	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.40%
39) 2-Hexanone-d5	10.92	63	158101	64.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	308895	28.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	375480	26.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.84%

Target Compounds

					Ovalue
13) Acetone	4.12	43	12349	2.705 ug/L	71
42) cis-1,3-Dichloropropene	10.03	75	8193	0.404 ug/L #	59
59) 1,2,3-Trichloropropane	13.55	75	47779	5.469 ug/L	96
69) Naphthalene	15.36	128	77873	3.036 ug/L	99

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



#13

Acetone

Concen: 2.705 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

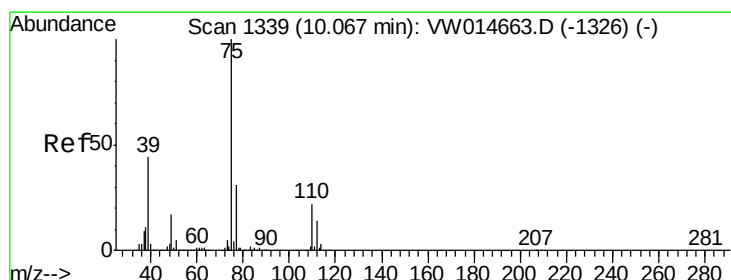
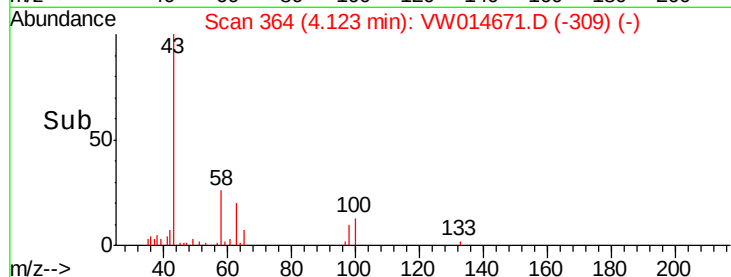
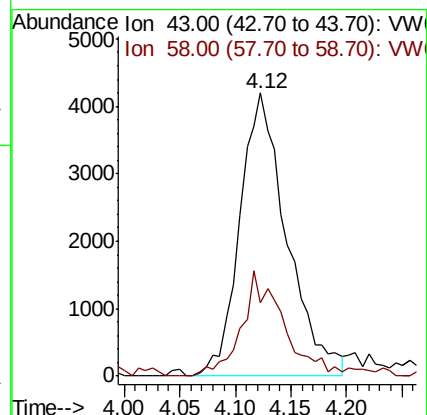
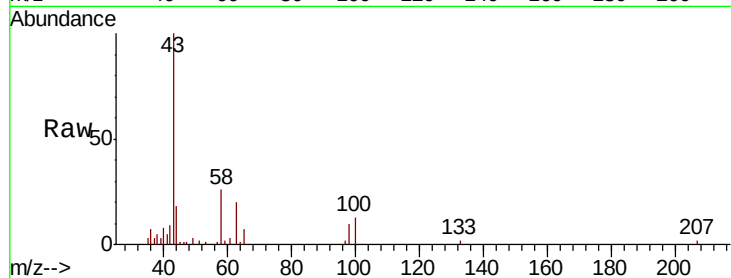
VIBLK

Tot Ion: 43 Resp: 12349

Ion Ratio Lower Upper

43 100

58 15.9 0.0 64.0



#42

cis-1,3-Dichloropropene

Concen: 0.404 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014671.D

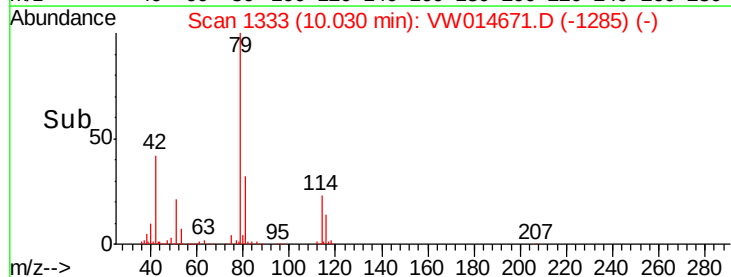
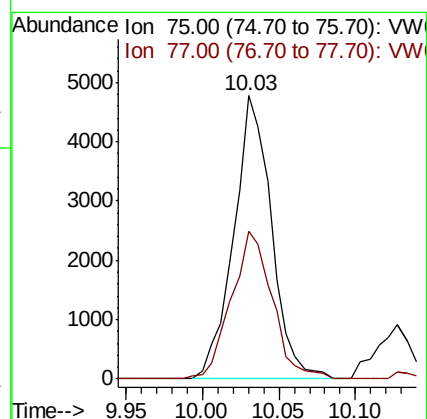
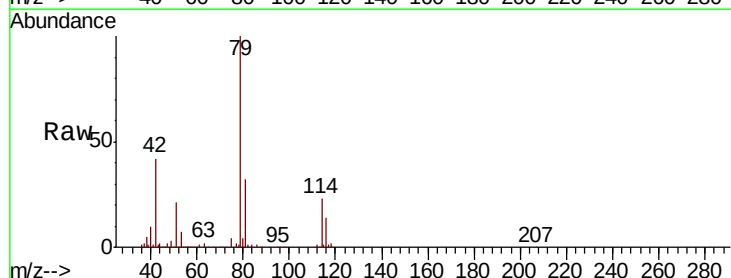
Acq: 16 Jan 2020 14:28

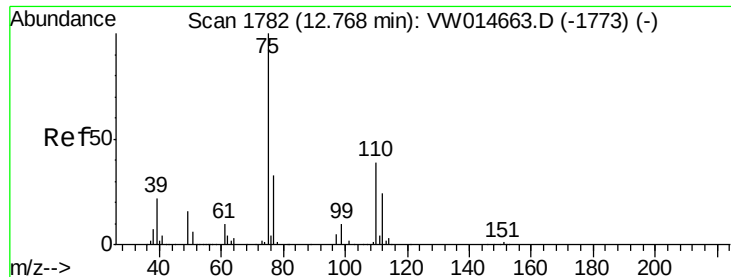
Tgt Ion: 75 Resp: 8193

Ion Ratio Lower Upper

75 100

77 52.0 21.0 39.0#

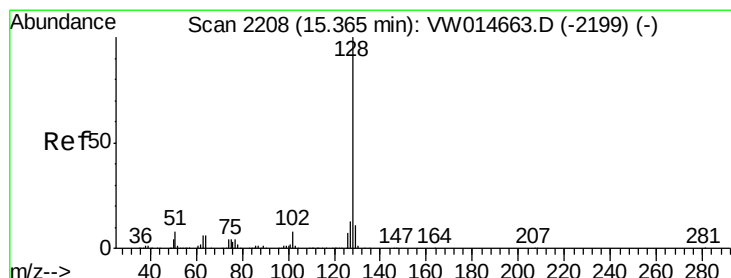
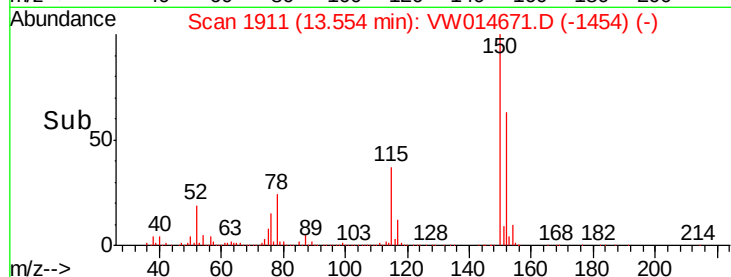
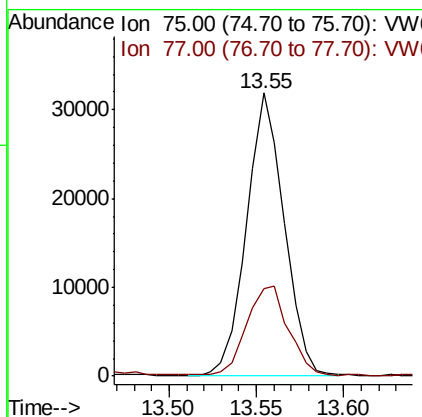
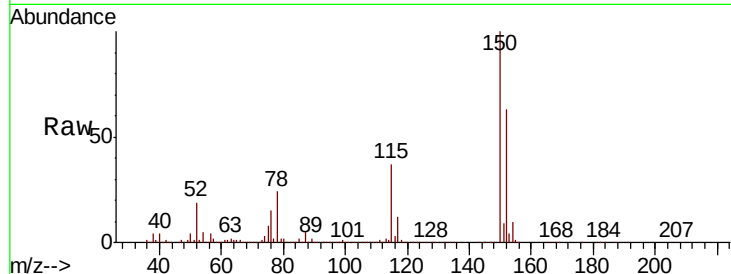




#59
 1,2,3-Trichloropropane
 Concen: 5.469 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW014671.D
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Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK

Tot Ion: 75 Resp: 47779
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.2 39.2



#69
 Naphthalene
 Concen: 3.036 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW014671.D
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Tgt Ion: 128 Resp: 77873
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 13.5 10.6 16.0

