

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014649.D
 Acq On : 15 Jan 2020 12:58
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK32

Quant Time: Jan 16 01:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1208309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1096477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	496951	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	390170	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.89	69	307092	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	4.01	63	572796	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.07	46	249951	61.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.34%
24) Chloroform-d	7.64	84	707891	25.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	8.30	65	391560	27.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.56%
29) Benzene-d6	8.27	84	1561388	26.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.12%
33) 1,2-Dichloropropane-d6	9.27	67	478462	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.16%
37) Toluene-d8	10.32	98	1400647	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.00%
38) trans-1,3-Dichloropropene-	10.57	79	192786	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.48%
39) 2-Hexanone-d5	10.92	63	195998	65.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	389267	29.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	476738	29.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.44%

Target Compounds

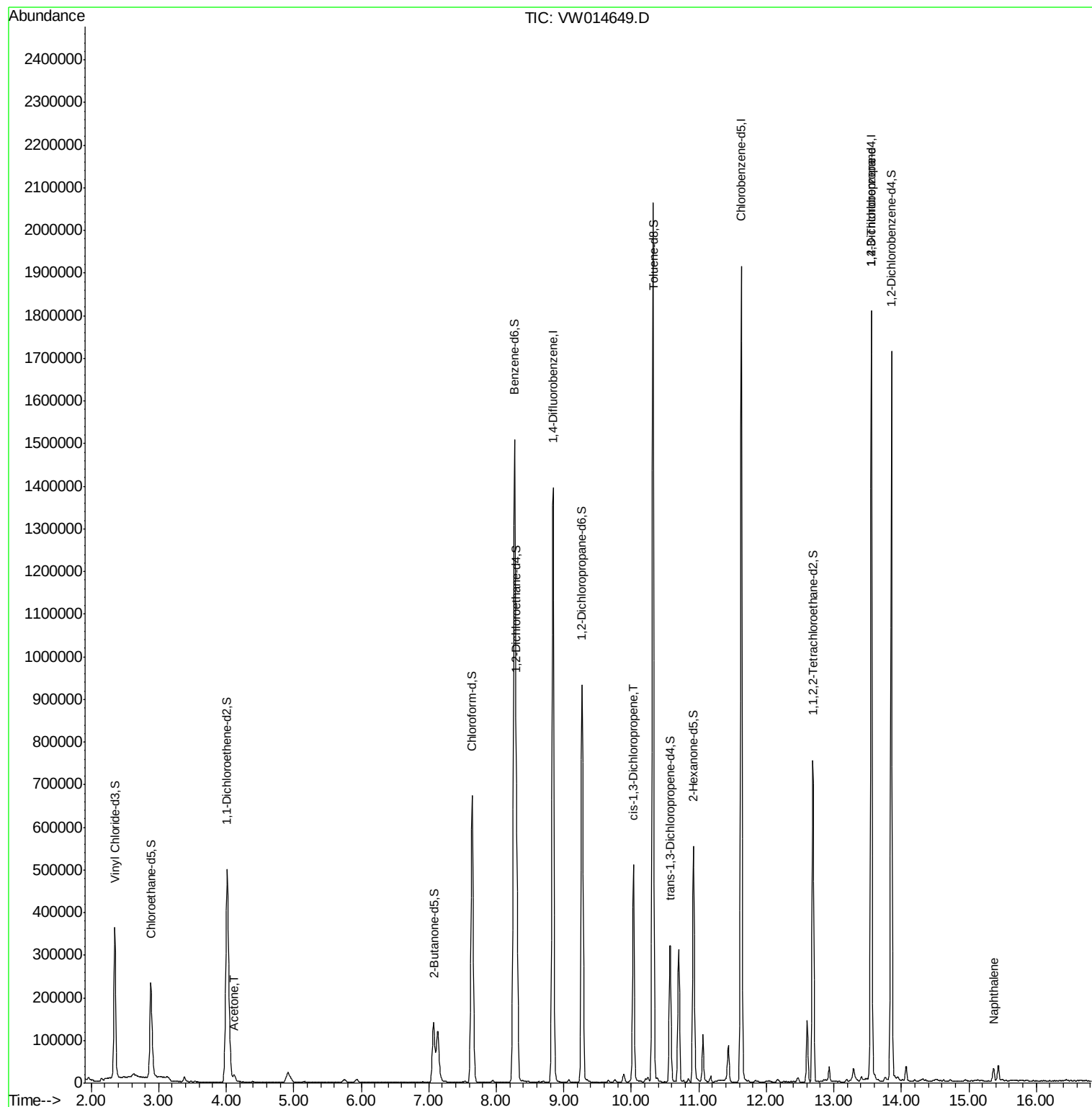
					Ovalue
13) Acetone	4.12	43	26592	4.739 ug/L	100
42) cis-1,3-Dichloropropene	10.03	75	11820	0.474 ug/L #	58
59) 1,2,3-Trichloropropane	13.55	75	56906	5.289 ug/L	96
69) Naphthalene	15.36	128	27526	0.913 ug/L	99

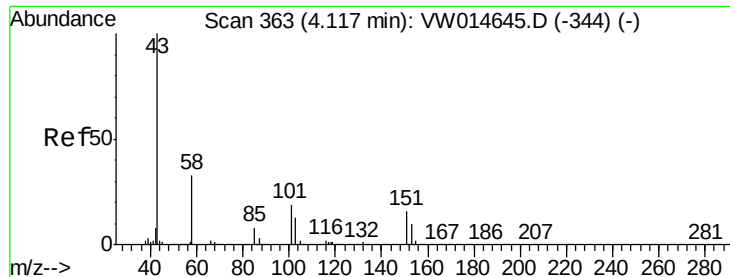
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.739 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014649.D

Acq: 15 Jan 2020 12:58

Instrument :

MSVOA_W

ClientSampleId :

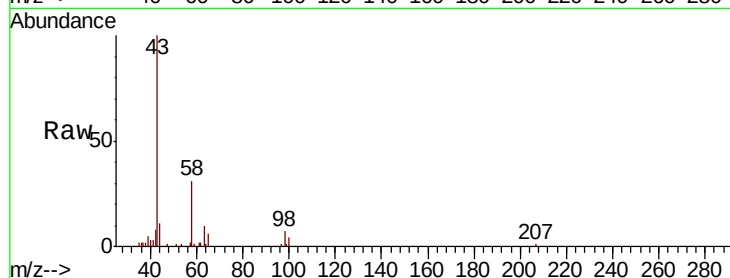
VIBLK32

Tot Ion: 43 Resp: 26592

Ion Ratio Lower Upper

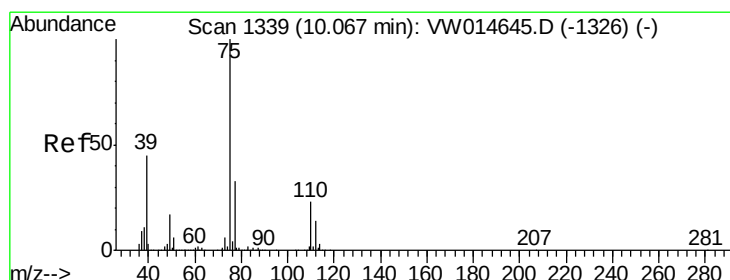
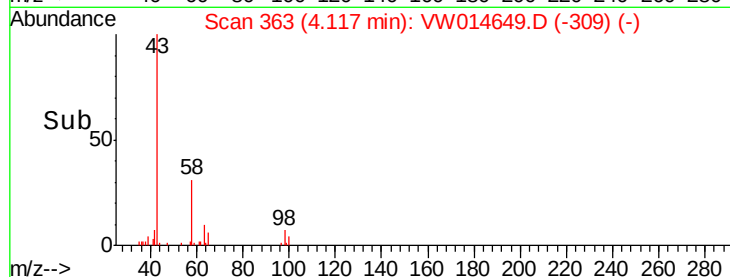
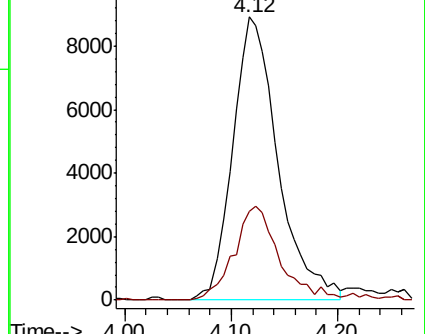
43 100

58 31.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014649.D

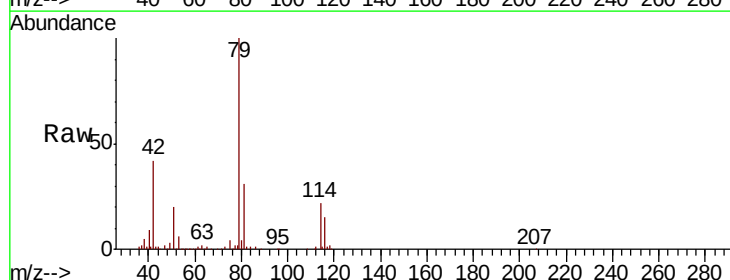
Acq: 15 Jan 2020 12:58

Tgt Ion: 75 Resp: 11820

Ion Ratio Lower Upper

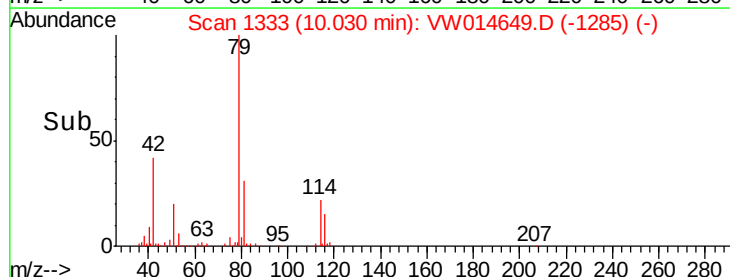
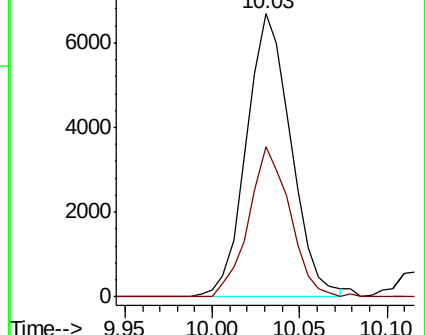
75 100

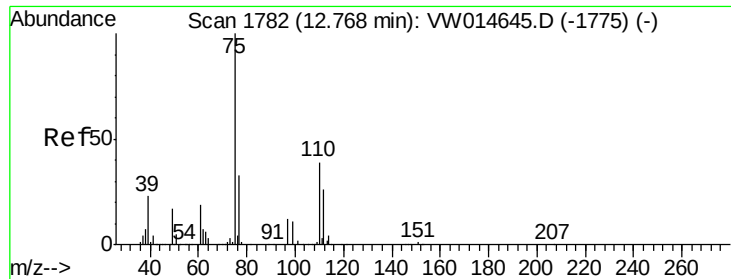
77 52.9 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

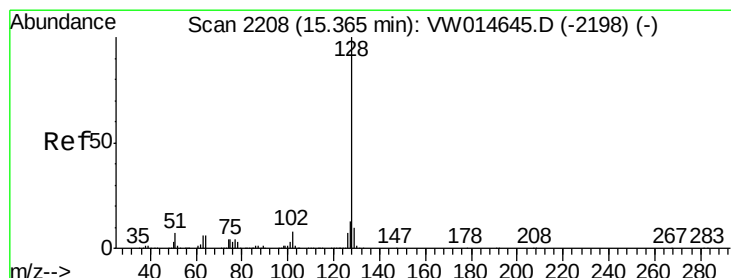
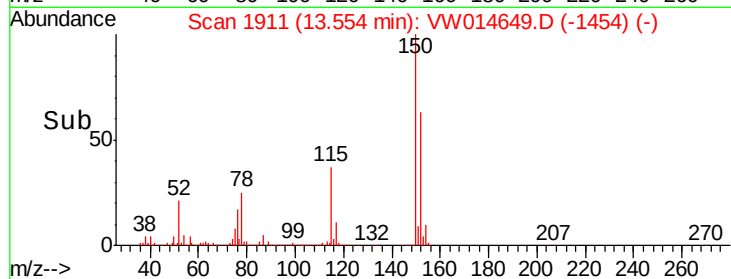
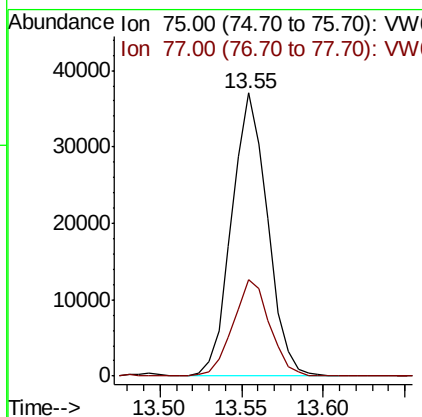
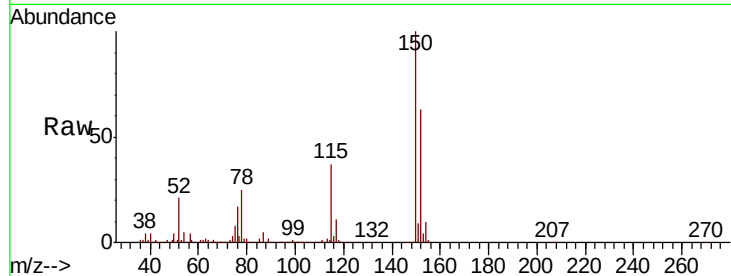




#59
 1,2,3-Trichloropropane
 Concen: 5.289 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW014649.D
 Acq: 15 Jan 2020 12:58

Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK32

Tot Ion: 75 Resp: 56906
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.2 39.2



#69
 Naphthalene
 Concen: 0.913 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014649.D
 Acq: 15 Jan 2020 12:58

Tgt Ion: 128 Resp: 27526
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 12.9 10.6 16.0

