

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014657.D
 Acq On : 15 Jan 2020 17:56
 Operator : SY/VA
 Sample : L1118-01
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASJ4

Quant Time: Jan 16 01:22:13 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	1327174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1154202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	535758	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	427672	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	2.89	69	337836	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.22	63	323	0.01	ug/L	0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	198750	44.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.28%
24) Chloroform-d	7.65	84	747259	24.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	8.31	65	378710	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.27	84	1648984	26.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.48%
33) 1,2-Dichloropropane-d6	9.27	67	492389	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.32	98	1489425	26.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.08%
38) trans-1,3-Dichloropropene-	10.57	79	189661	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.92	63	159691	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	347443	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	495005	28.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.16%

Target Compounds

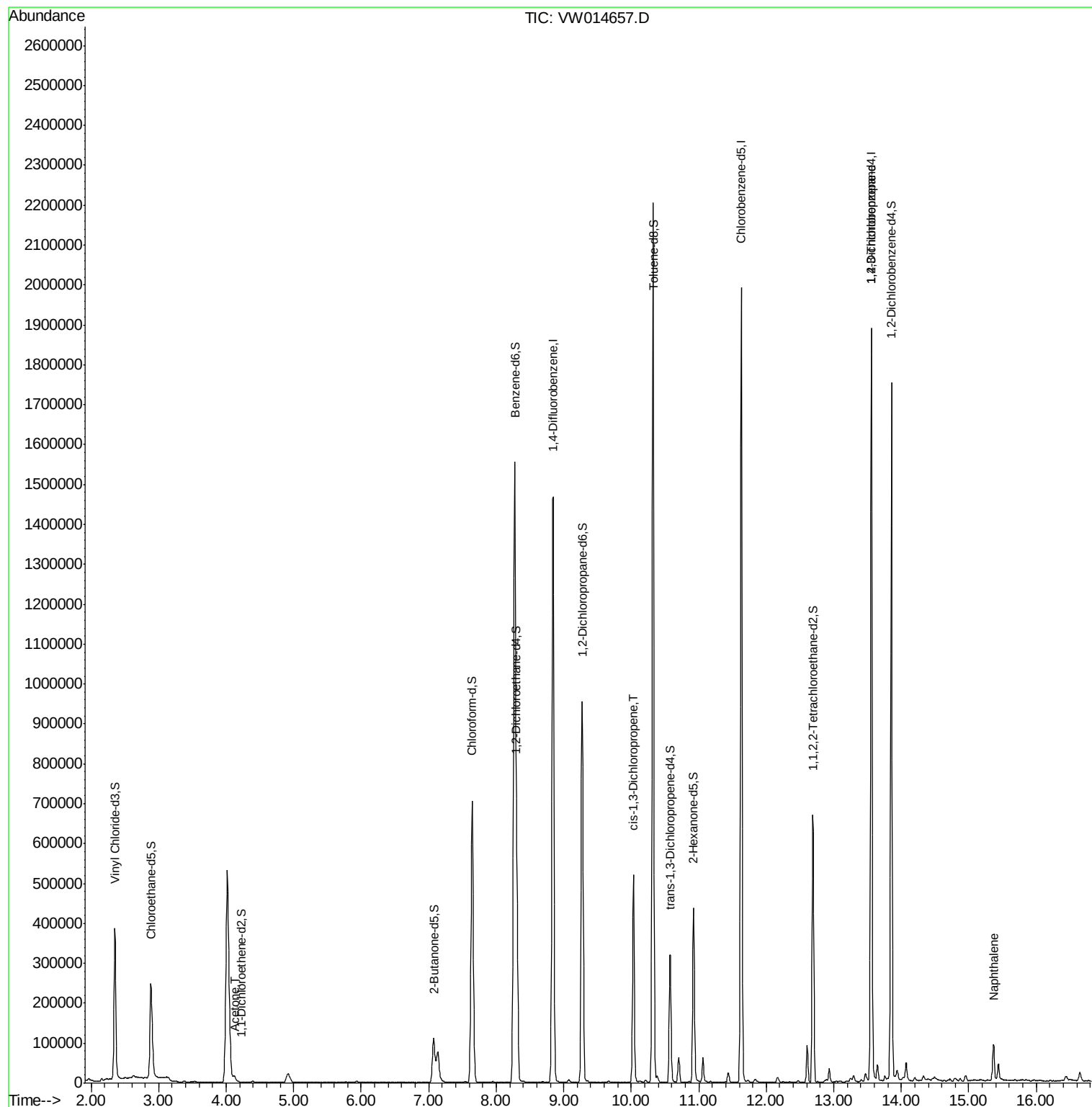
					Ovalue
13) Acetone	4.12	43	21852	3.545 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	11373	0.433 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	59566	5.259 ug/L	91
69) Naphthalene	15.36	128	83773	2.576 ug/L	99

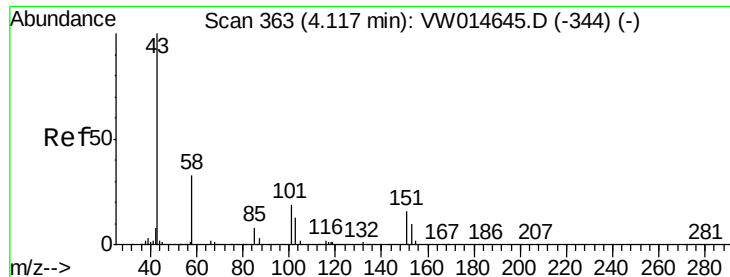
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.545 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 15 Jan 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

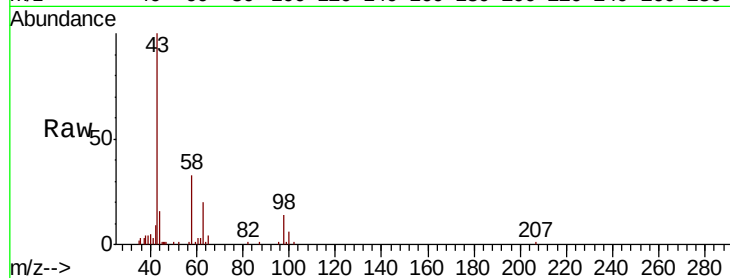
GASJ4

Tot Ion: 43 Resp: 21852

Ion Ratio Lower Upper

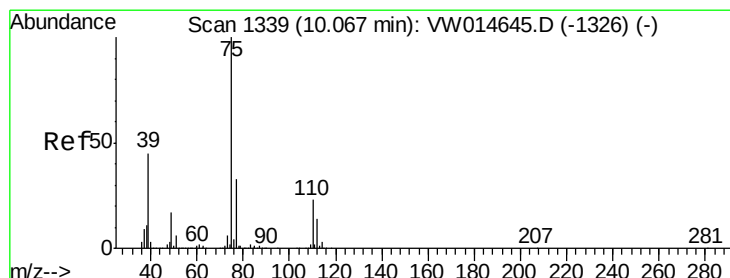
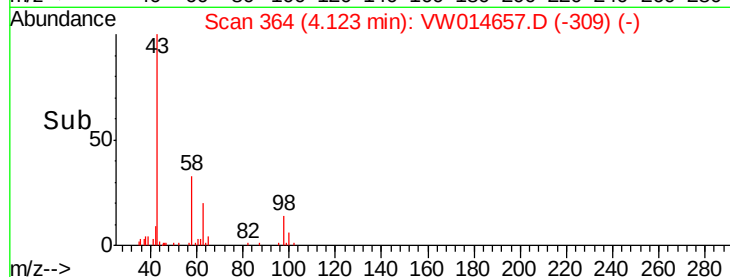
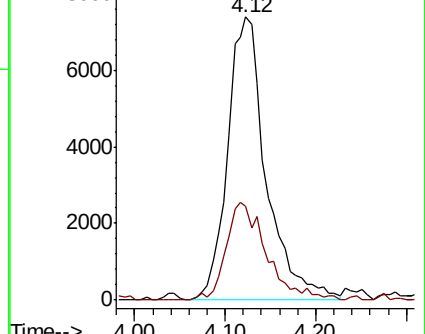
43 100

58 34.0 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: 0.433 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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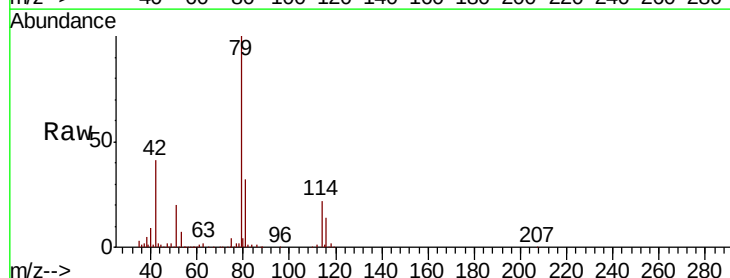
Acq: 15 Jan 2020 17:56

Tgt Ion: 75 Resp: 11373

Ion Ratio Lower Upper

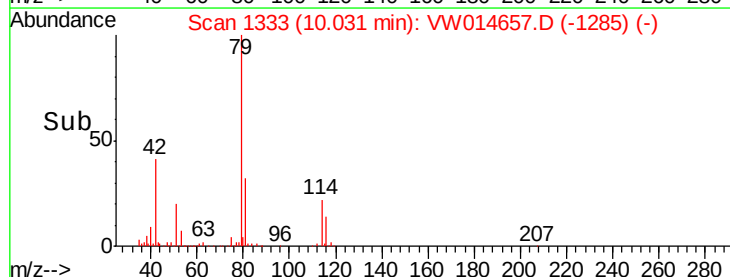
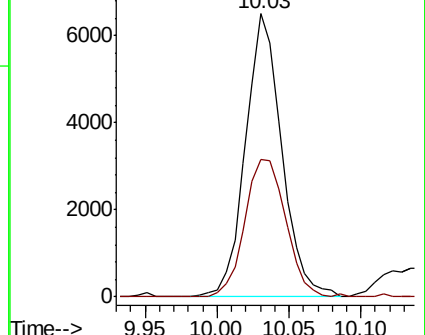
75 100

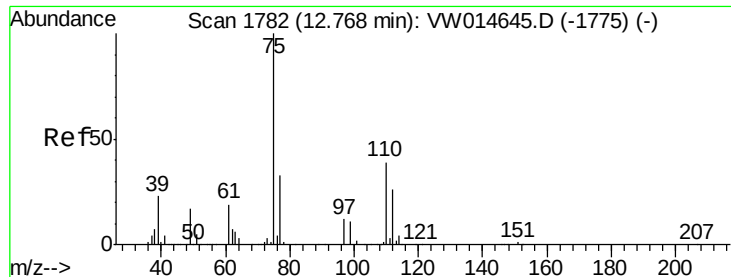
77 48.5 21.0 39.0#



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: 5.259 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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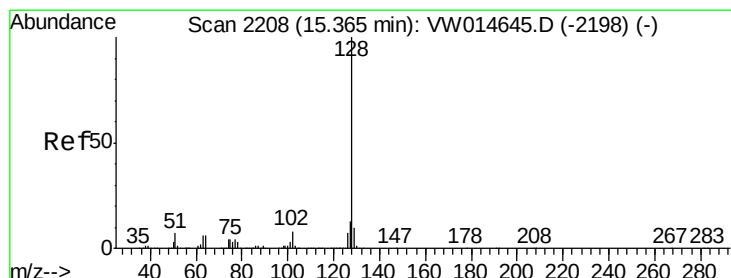
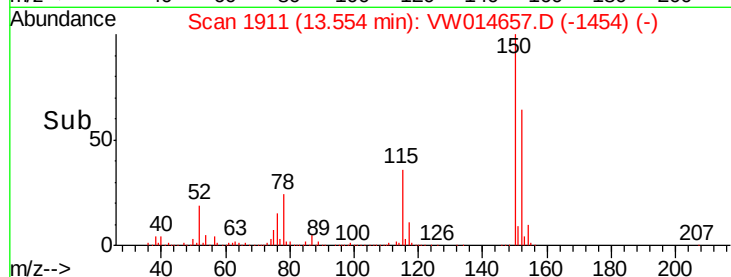
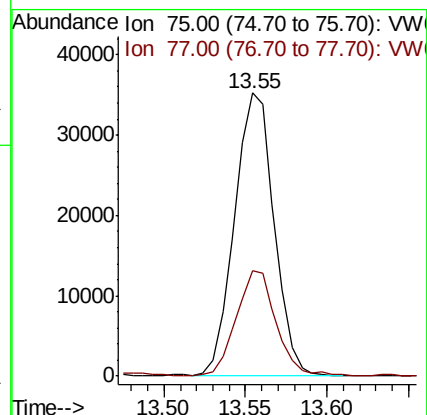
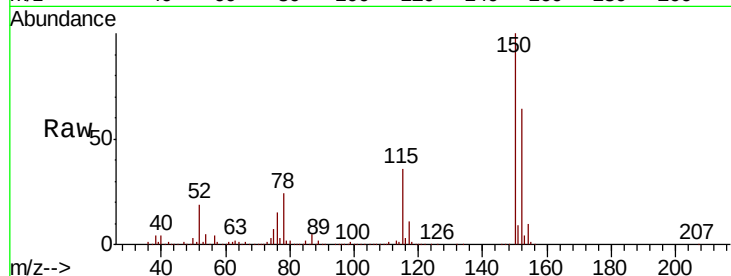
GASJ4

Tot Ion: 75 Resp: 59566

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2



#69

Naphthalene

Concen: 2.576 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014657.D

Acq: 15 Jan 2020 17:56

Tgt Ion: 128 Resp: 83773

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.4 10.6 16.0

