

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014631.D
 Acq On : 14 Jan 2020 14:22
 Operator : SY/VA
 Sample : L1109-12
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 01:51:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1322239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1184094	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	572273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	398031	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.89	69	313564	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
10) 1,1-Dichloroethene-d2	4.01	63	576675	16.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.64%
20) 2-Butanone-d5	7.07	46	196137	44.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.44%
24) Chloroform-d	7.64	84	699421	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	374379	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.88%
29) Benzene-d6	8.27	84	1526333	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
33) 1,2-Dichloropropane-d6	9.27	67	465139	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	10.32	98	1393185	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	10.57	79	183052	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
39) 2-Hexanone-d5	10.92	63	155085	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	349114	24.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	480146	25.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.84%

Target Compounds

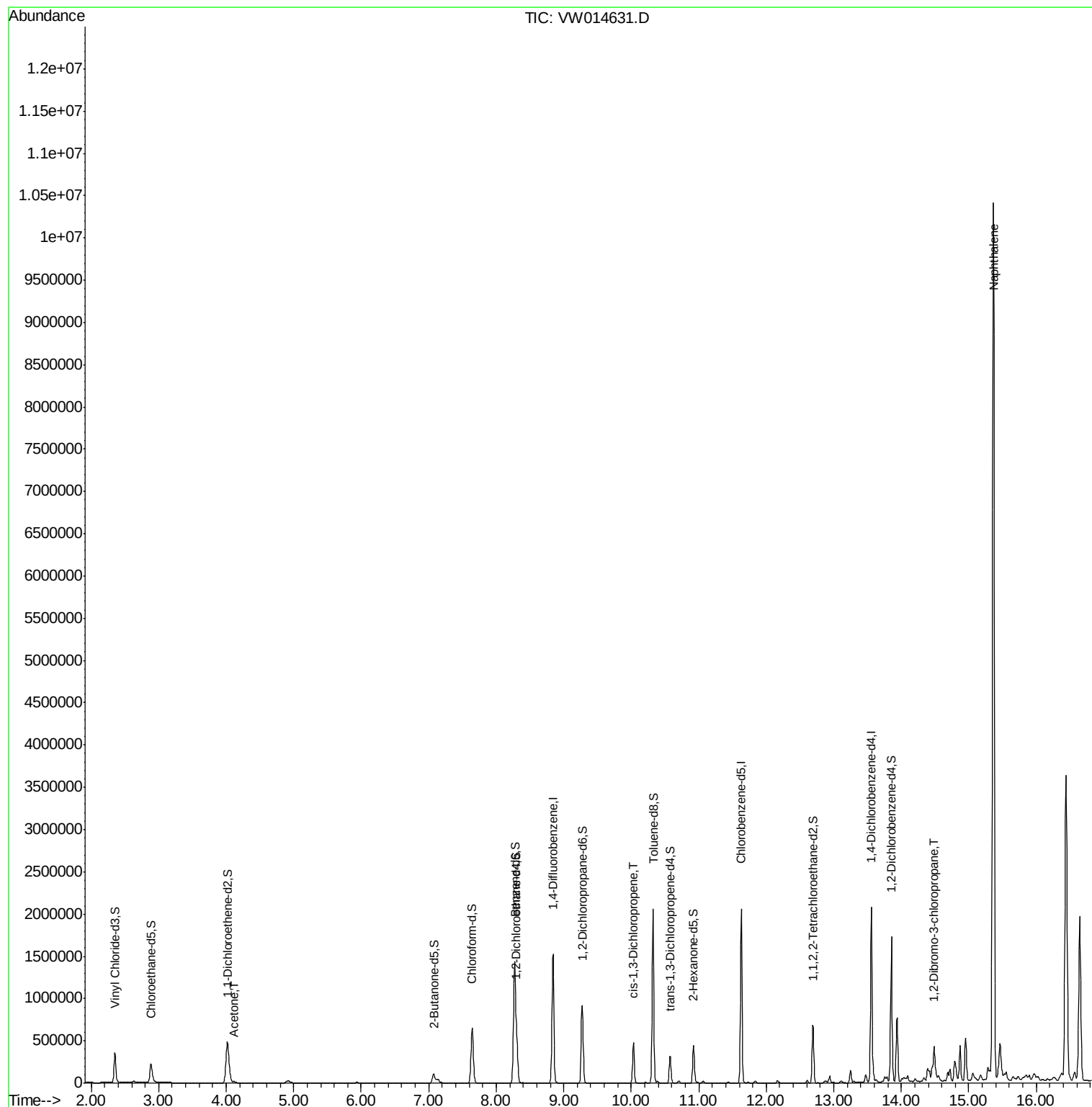
					Ovalue
13) Acetone	4.12	43	20862	3.397 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	10864	0.403 ug/L #	67
66) 1,2-Dibromo-3-chloropropan	14.48	75	11528	4.793 ug/L #	2
69) Naphthalene	15.36	128	9253096	266.398 ug/L	99

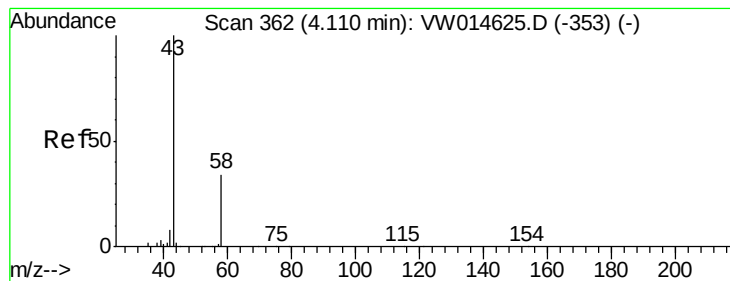
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.397 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014631.D

Acq: 14 Jan 2020 14:22

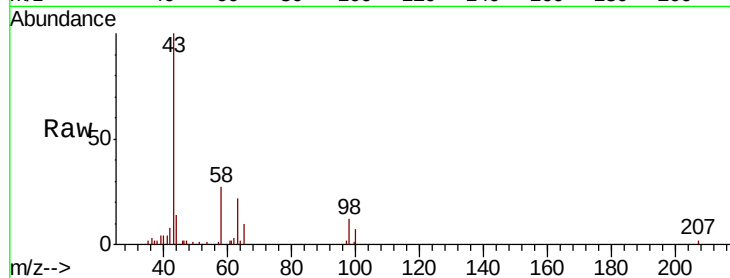
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 20862

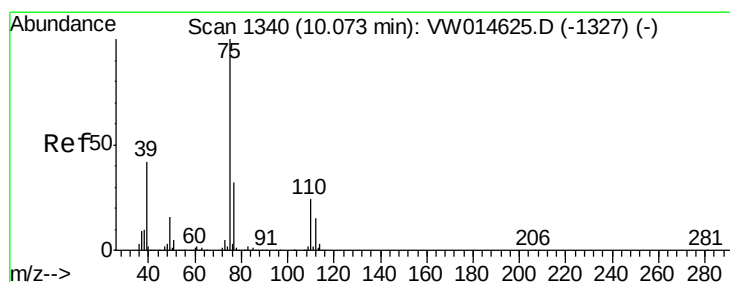
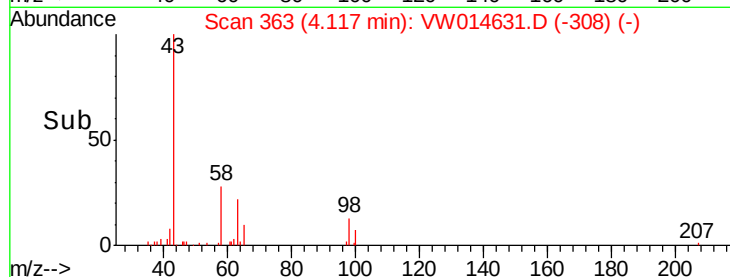
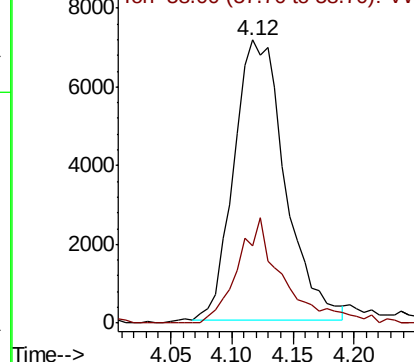
Ion Ratio Lower Upper

43 100

58 32.6 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: 0.403 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014631.D

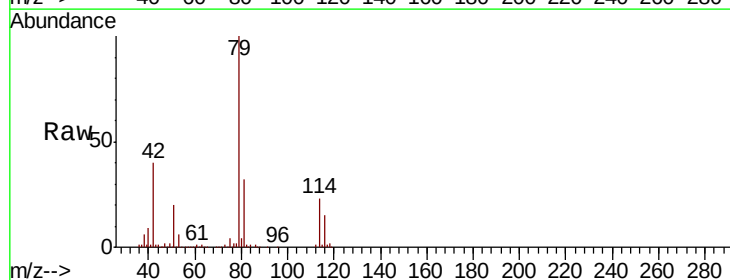
Acq: 14 Jan 2020 14:22

Tgt Ion: 75 Resp: 10864

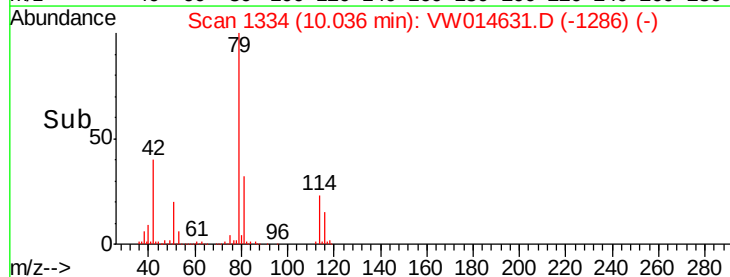
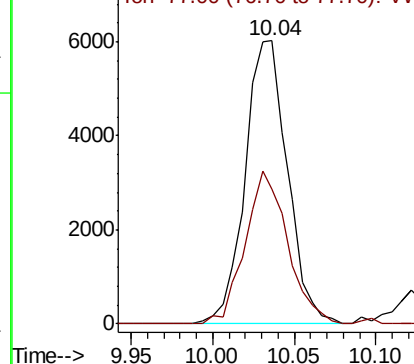
Ion Ratio Lower Upper

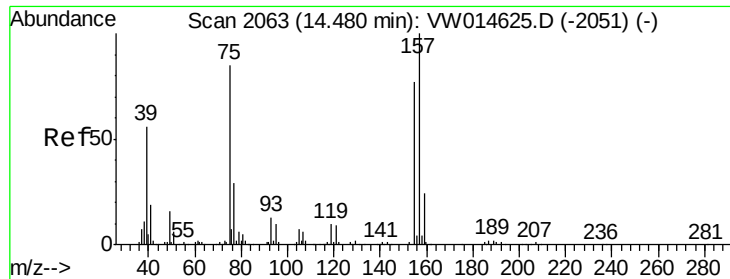
75 100

77 47.8 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

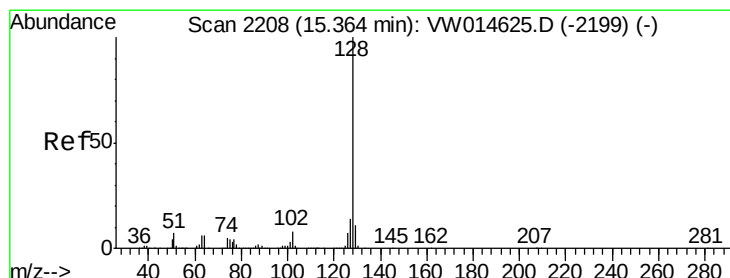
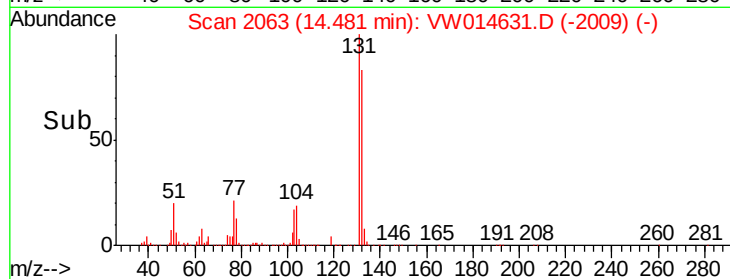
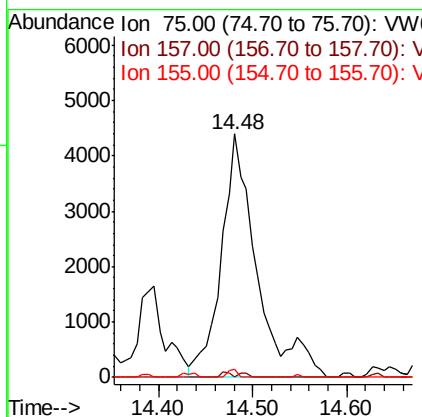
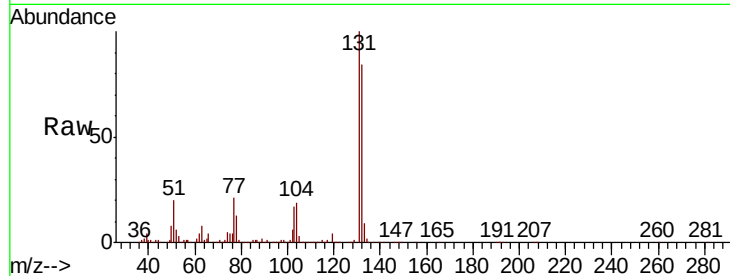




#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.793 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014631.D
 Acq: 14 Jan 2020 14:22

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 11528
 Ion Ratio Lower Upper
 75 100
 157 0.0 87.2 130.8#
 155 3.1 67.8 101.8#



#69
 Naphthalene
 Concen: 266.398 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014631.D
 Acq: 14 Jan 2020 14:22

Tgt Ion: 128 Resp: 9253096
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.2 10.6 16.0

